

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\  
 Data File : BF121365.D  
 Acq On : 21 Aug 2020 13:09  
 Operator : JU/CG  
 Sample : PB131076BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

Manual Integrations  
 APPROVED

Sohil  
 8/24/2020 1:50:03 PM

Quant Time: Aug 21 13:53:18 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 20 04:56:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 213009   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.98  | 136  | 859651   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.73  | 164  | 448132   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.22 | 188  | 849697   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.86 | 240  | 635775   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 15.27 | 264  | 665304   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 979430  | 75.40 | ng | 0.02 |
| 7) Phenol-d6             | 6.35  | 99  | 1162131 | 70.08 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 824467  | 54.24 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.53 | 330 | 364085  | 69.72 | ng | 0.01 |
| 45) 2-Fluorobiphenyl     | 9.06  | 172 | 1423944 | 56.69 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.80 | 244 | 1394394 | 42.86 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.42 | 88  | 147079  | 25.020 | ng | 99     |
| 3) Pyridine                    | 3.12 | 79  | 355600  | 22.539 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.08 | 42  | 202899  | 31.596 | ng | 100    |
| 6) Aniline                     | 6.36 | 93  | 497466  | 25.979 | ng | # 54   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 453506  | 33.402 | ng | 100    |
| 9) Benzaldehyde                | 6.25 | 77  | 264778  | 28.381 | ng | 97     |
| 10) Phenol                     | 6.36 | 94  | 489760  | 28.166 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 429414  | 32.065 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 447817  | 29.439 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 449559  | 29.276 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 430394  | 29.430 | ng | 97     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 352014  | 35.279 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 577380  | 29.281 | ng | 94     |
| 17) 2-Methylphenol             | 6.97 | 107 | 356865  | 31.855 | ng | 95     |
| 18) Hexachloroethane           | 7.20 | 117 | 170600  | 29.836 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 270212  | 30.297 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 401387  | 34.264 | ng | 95     |
| 22) Acetophenone               | 7.11 | 105 | 570336  | 28.378 | ng | # 97   |
| 24) Nitrobenzene               | 7.29 | 77  | 452785  | 29.227 | ng | 99     |
| 25) Isophorone                 | 7.53 | 82  | 842250  | 30.448 | ng | 99     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 248493  | 31.276 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 389884  | 34.390 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 531174  | 28.209 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 369677  | 29.866 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 393767  | 27.819 | ng | 99     |
| 31) Naphthalene                | 8.00 | 128 | 1217951 | 28.467 | ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 199464  | 26.256 | ng | 96     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 449427  | 23.722 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 227882  | 27.204 | ng | 99     |
| 35) Caprolactam                | 8.44 | 113 | 134544m | 33.189 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 383751  | 30.654 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 818954  | 29.532 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.79 | 142 | 757109  | 28.714 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 378472  | 28.455 | ng | 99     |

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Manual Integrations  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 336582   | 65.140 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.98  | 196  | 263902   | 29.023 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 284166   | 30.376 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 986749   | 29.378 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.18  | 162  | 762186   | 27.544 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.29  | 65   | 249112   | 28.592 | nq    | 91       |
| 49) Acenaphthylene             | 9.60  | 152  | 1202287  | 29.252 | nq    | 100      |
| 50) Dimethylphthalate          | 9.46  | 163  | 936915   | 28.737 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 211684   | 30.402 | nq    | 94       |
| 52) Acenaphthene               | 9.77  | 154  | 702181   | 28.117 | nq    | 98       |
| 53) 3-Nitroaniline             | 9.70  | 138  | 177506   | 20.379 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 213350   | 63.558 | nq    | 91       |
| 55) Dibenzofuran               | 9.94  | 168  | 1014684  | 30.037 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.88  | 139  | 294135   | 54.755 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 243871   | 28.710 | nq    | # 85     |
| 58) Fluorene                   | 10.29 | 166  | 778927   | 31.350 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 239347   | 29.929 | nq    | 98       |
| 60) Diethylphthalate           | 10.16 | 149  | 900153   | 28.274 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.27 | 204  | 379771   | 30.083 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 239400   | 26.824 | nq    | 99       |
| 63) Azobenzene                 | 10.43 | 77   | 854702   | 28.904 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 155068   | 34.125 | nq    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 766504   | 29.245 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.76 | 248  | 269452   | 28.588 | nq    | 100      |
| 68) Hexachlorobenzene          | 10.83 | 284  | 299323   | 27.551 | nq    | 94       |
| 69) Atrazine                   | 10.93 | 200  | 227697   | 28.045 | nq    | 99       |
| 70) Pentachlorophenol          | 11.03 | 266  | 298421   | 61.735 | nq    | 99       |
| 71) Phenanthrene               | 11.25 | 178  | 1193911  | 27.149 | nq    | 100      |
| 72) Anthracene                 | 11.30 | 178  | 1243680  | 29.368 | nq    | 100      |
| 73) Carbazole                  | 11.45 | 167  | 1189159  | 29.423 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.78 | 149  | 1391752  | 28.557 | nq    | 100      |
| 75) Fluoranthene               | 12.43 | 202  | 1344105  | 28.159 | nq    | 98       |
| 77) Benzidine                  | 12.55 | 184  | 804923   | 45.954 | nq    | 99       |
| 78) Pyrene                     | 12.66 | 202  | 1361061  | 28.499 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.27 | 149  | 607072   | 29.583 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.85 | 228  | 1063742  | 26.938 | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 362996   | 23.942 | nq    | 100      |
| 83) Chrysene                   | 13.89 | 228  | 1116774  | 27.652 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.83 | 149  | 698309   | 28.936 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.45 | 149  | 1346558  | 30.151 | nq    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 1120784  | 27.598 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 1135703  | 26.423 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.90 | 252  | 1079090  | 28.521 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.21 | 252  | 1009297  | 27.177 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.65 | 278  | 927475   | 27.854 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 955212   | 29.343 | nq    | 99       |

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

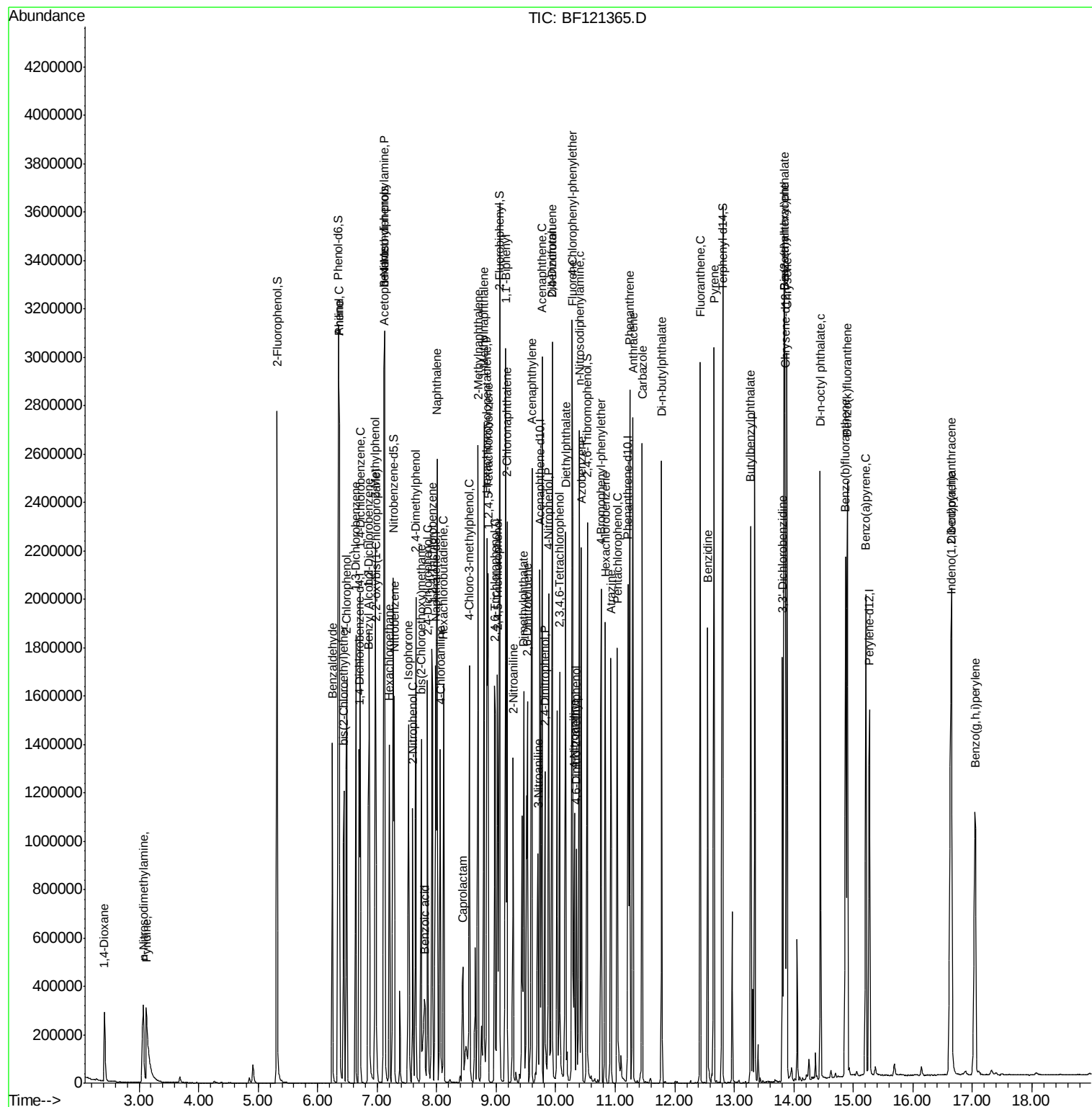
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\  
 Data File : BF121365.D  
 Acq On : 21 Aug 2020 13:09  
 Operator : JU/CG  
 Sample : PB131076BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

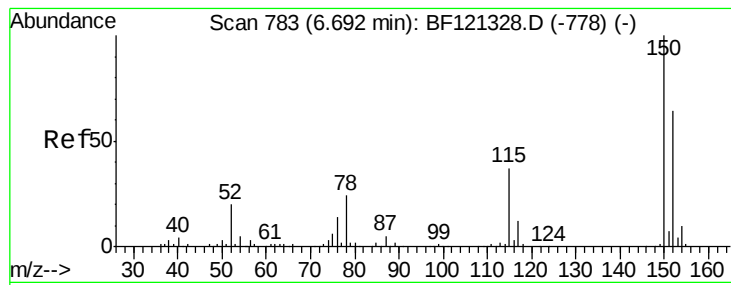
Instrument :  
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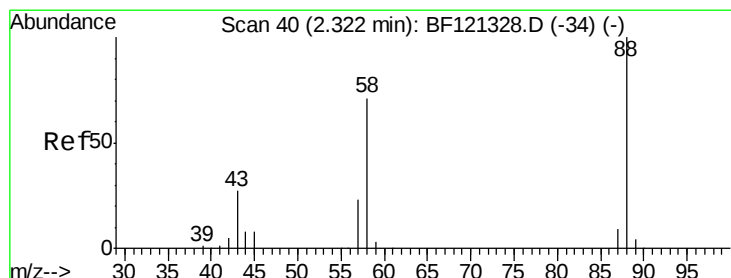
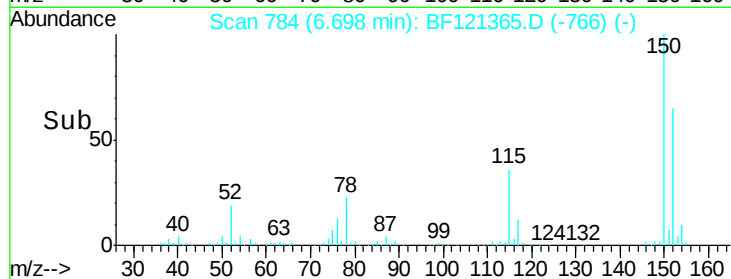
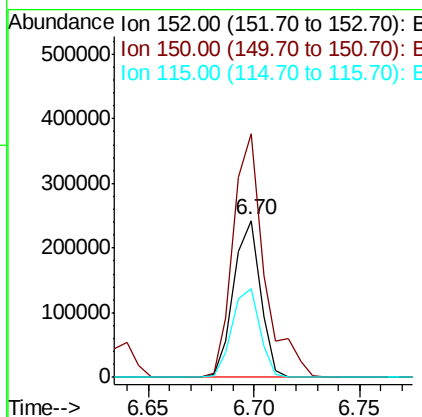
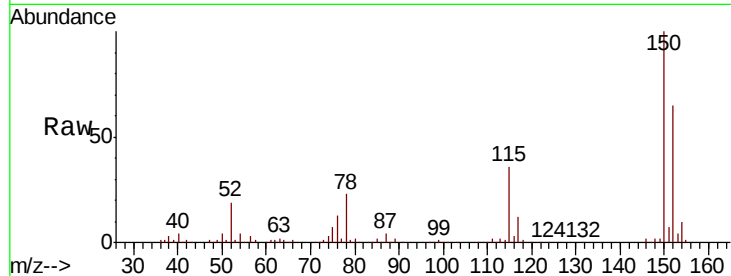
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.70 min Scan# 784  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.9 | 124.8 | 187.2 |
| 115     | 56.4  | 46.1  | 69.1  |

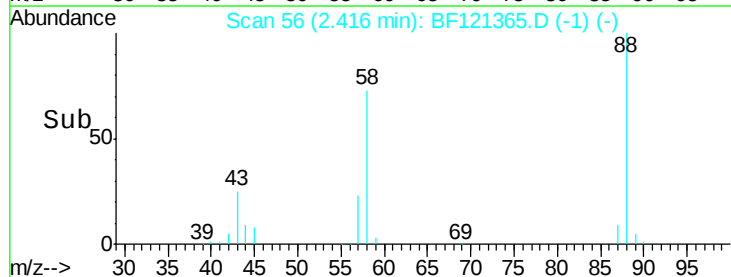
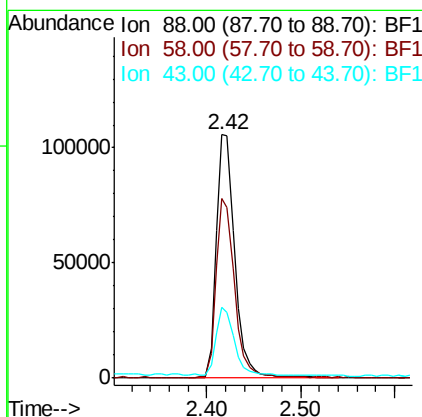
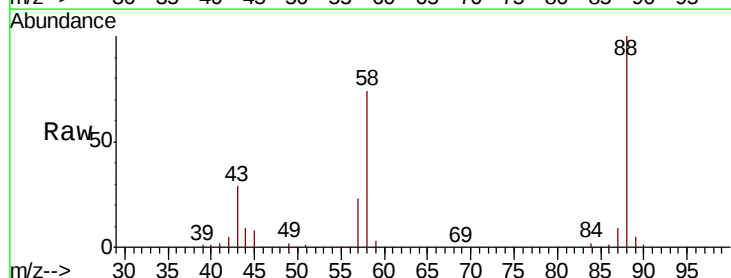
Manual Integrations  
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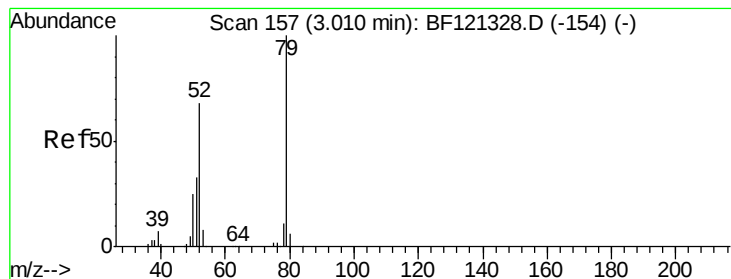
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#2  
 1,4-Dioxane  
 Concen: 25.020 ng  
 RT: 2.42 min Scan# 56  
 Delta R.T. 0.09 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.9  | 58.5  | 87.7  |
| 43      | 27.5  | 21.8  | 32.8  |





#3

Pvridine

Concen: 22.539 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.11 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

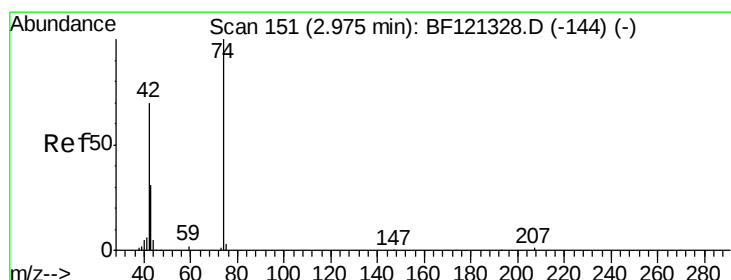
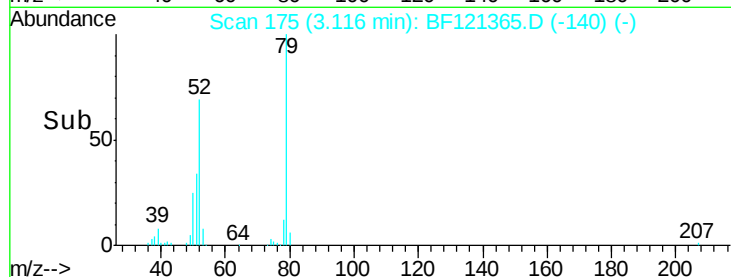
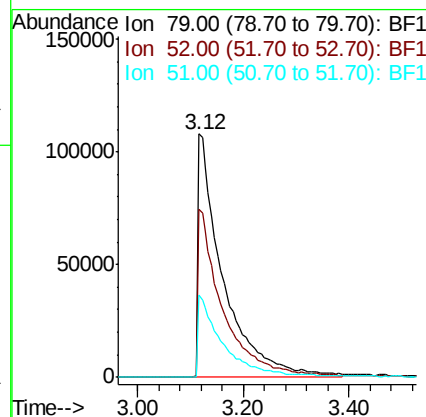
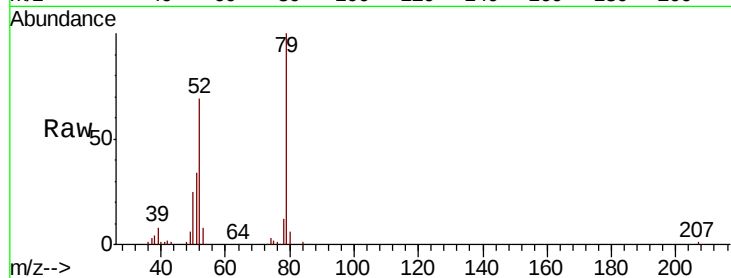
ClientSampleId :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 355600 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 69.0  | 54.6  | 82.0   |
| 51        | 33.9  | 27.0  | 40.6   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 31.596 ng

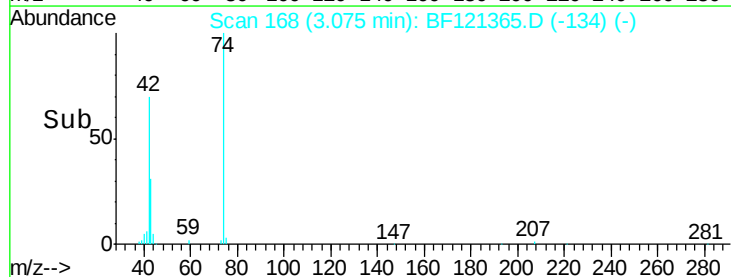
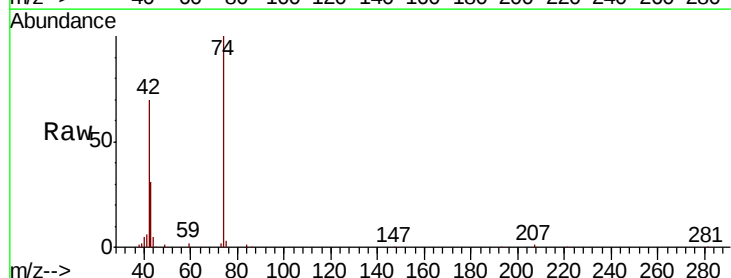
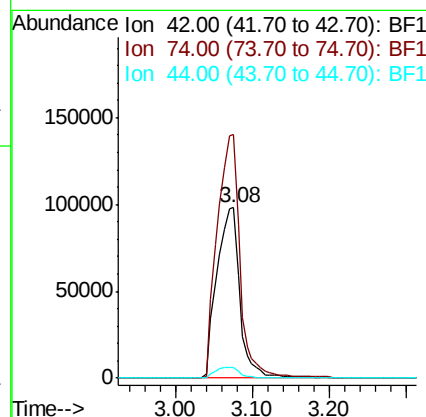
RT: 3.08 min Scan# 168

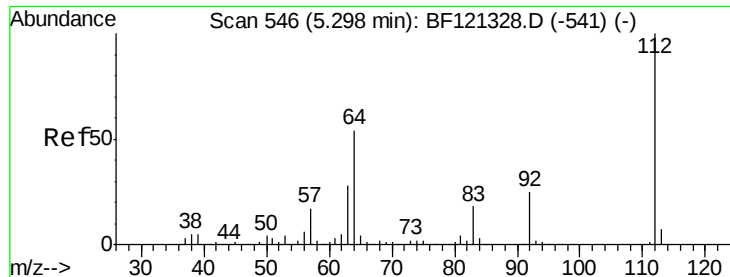
Delta R.T. 0.10 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 202899 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 142.8 | 114.2 | 171.2  |
| 44        | 6.5   | 5.4   | 8.2    |





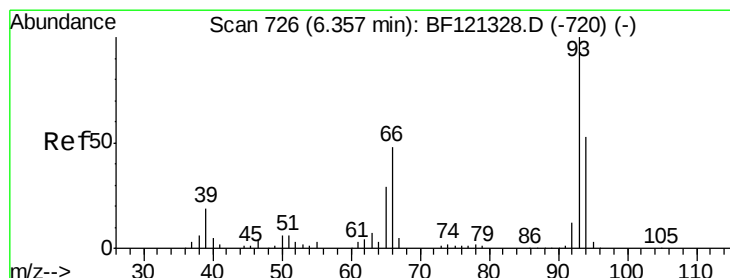
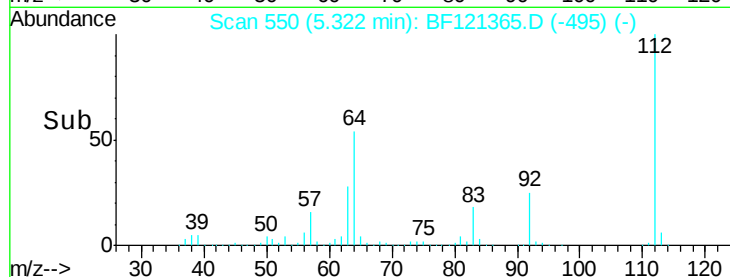
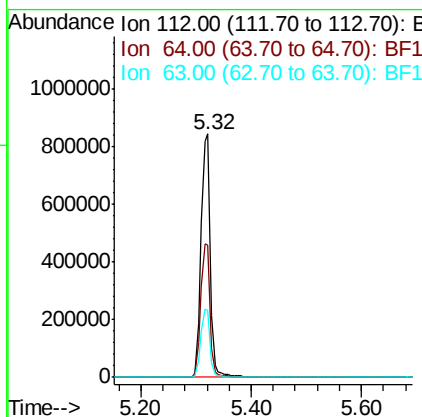
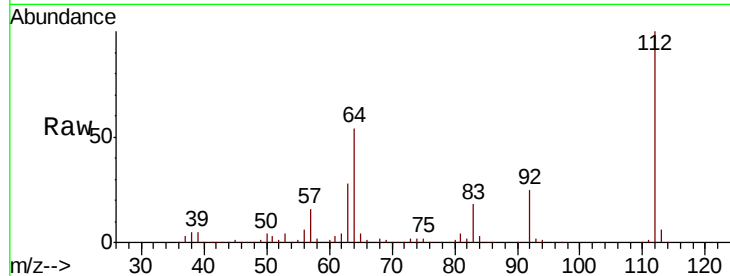
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2-Fluorophenol  
Concen: 75.396 ng  
RT: 5.32 min Scan# 550  
Delta R.T. 0.02 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 54.1  | 43.5       | 65.3  |
| 63      | 27.6  | 22.0       | 33.0  |

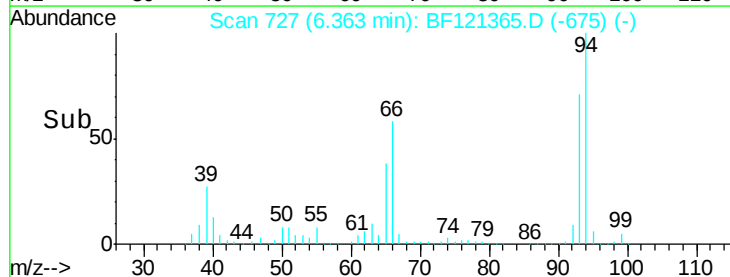
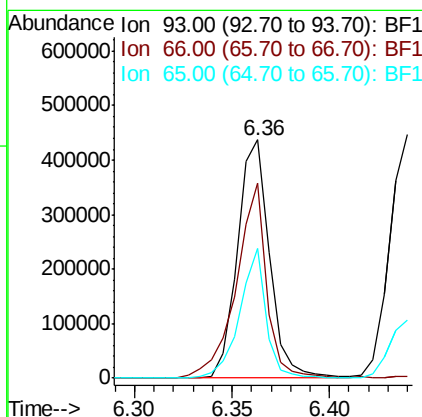
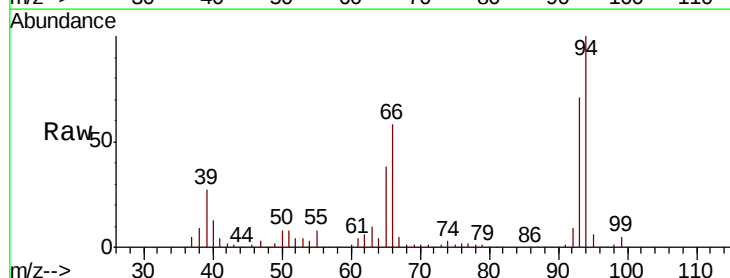
Manual Integrations  
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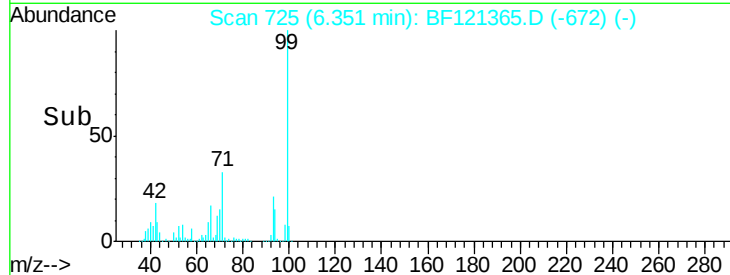
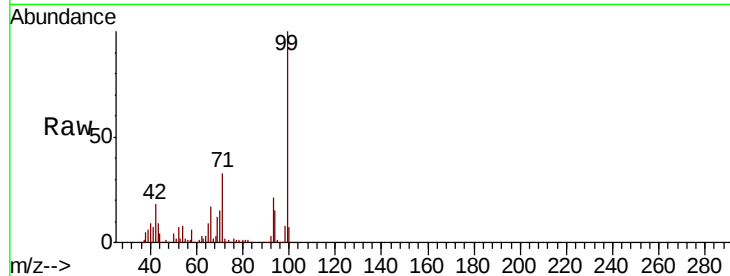
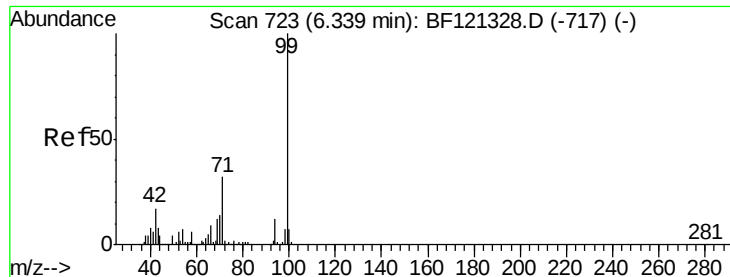
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#6  
Aniline  
Concen: 25.979 ng  
RT: 6.36 min Scan# 727  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 81.8  | 40.2       | 60.2# |
| 65      | 54.4  | 23.6       | 35.4# |





#7

Phenol-d6

Concen: 70.078 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1162131 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 17.9  | 13.5  | 20.3    |
| 71       | 32.7  | 25.2  | 37.8    |

Instrument :

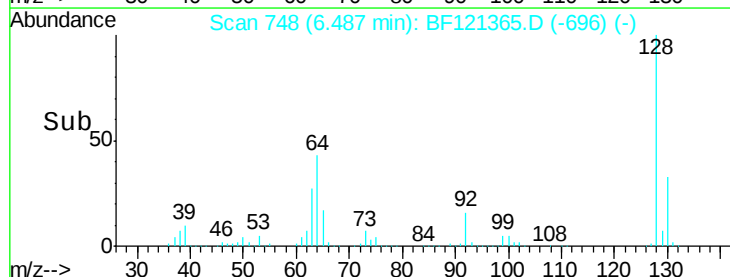
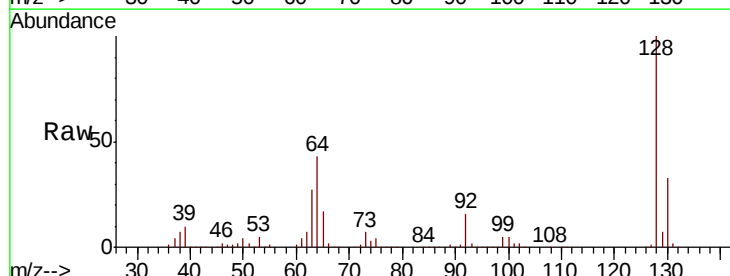
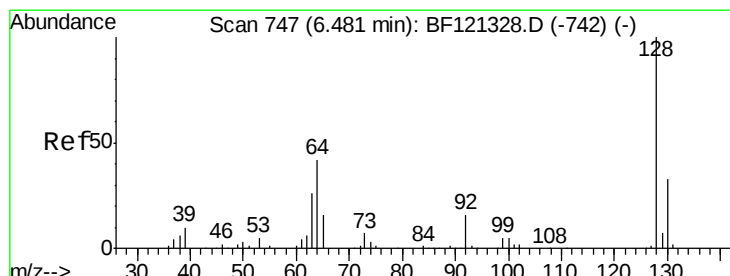
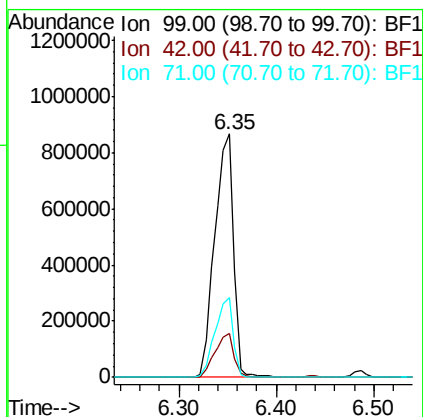
BNA\_F

ClientSampleId :

PB131076BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 33.402 ng

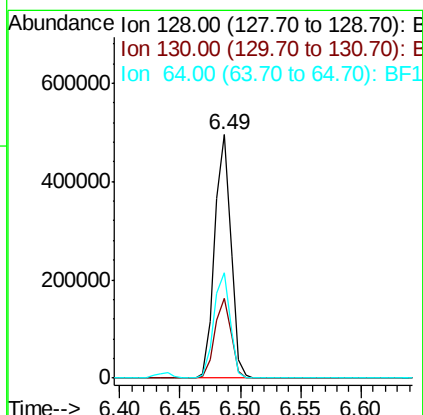
RT: 6.49 min Scan# 748

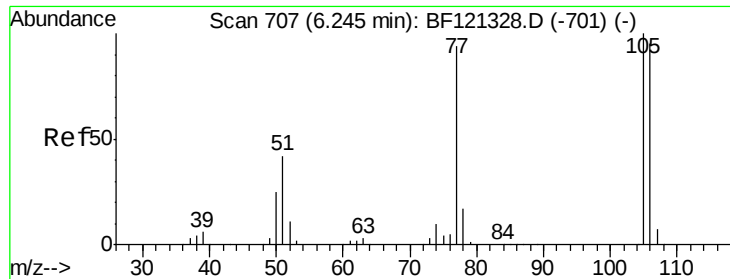
Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 453506 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.9  | 12.8  | 52.8   |
| 64       | 43.2  | 23.4  | 63.4   |





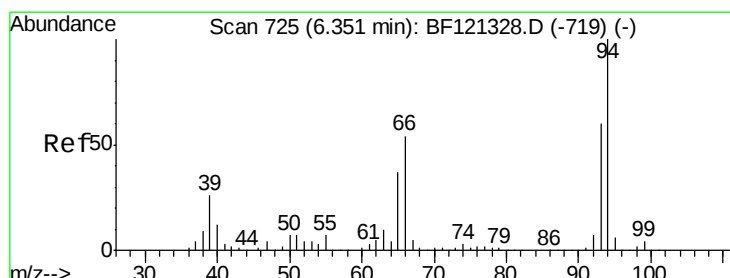
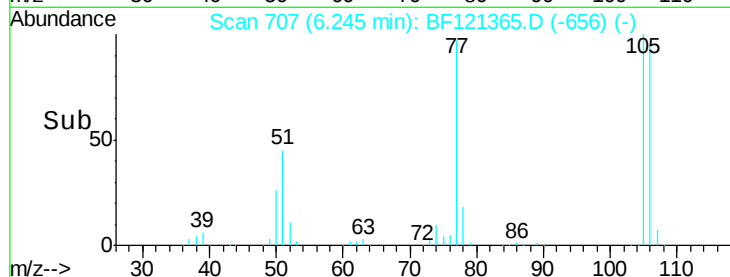
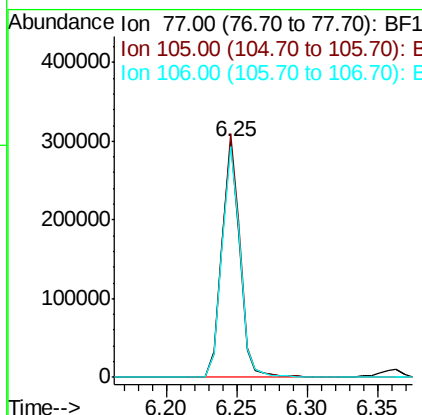
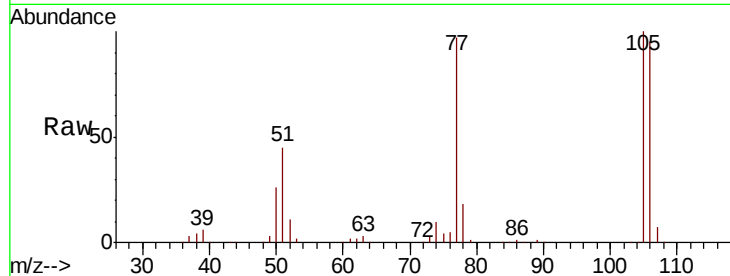
#9  
Benzaldehyde  
Concen: 28.381 ng  
RT: 6.25 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 103.4 | 86.3  | 126.3 |
| 106     | 98.2  | 81.2  | 121.2 |

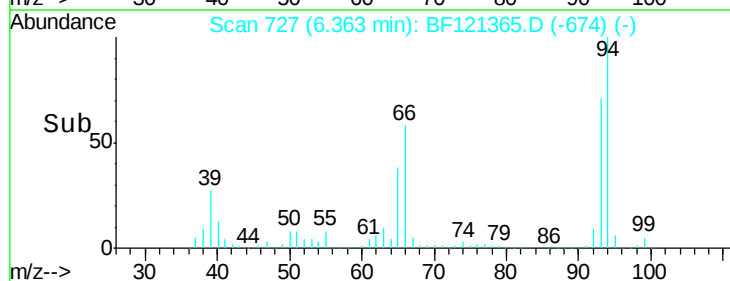
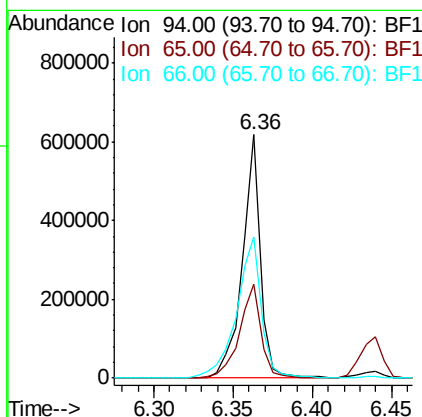
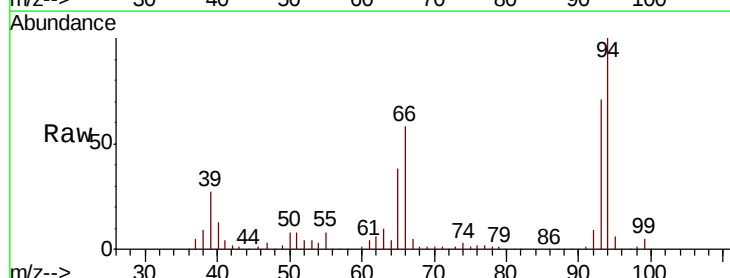
Manual Integrations  
APPROVED

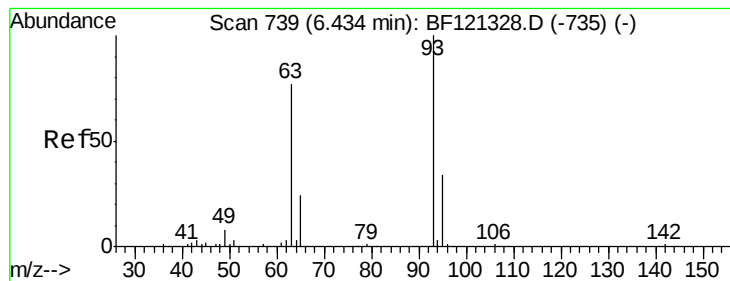
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8/24/2020 1:50:03 PM



#10  
Phenol  
Concen: 28.166 ng  
RT: 6.36 min Scan# 727  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 38.5  | 16.6  | 56.6  |
| 66      | 57.8  | 34.3  | 74.3  |





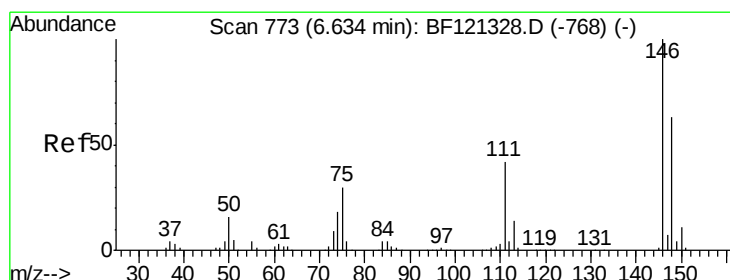
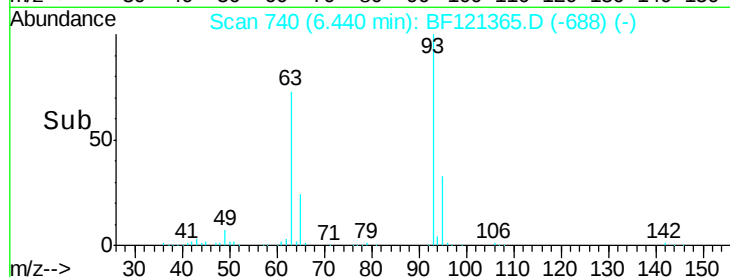
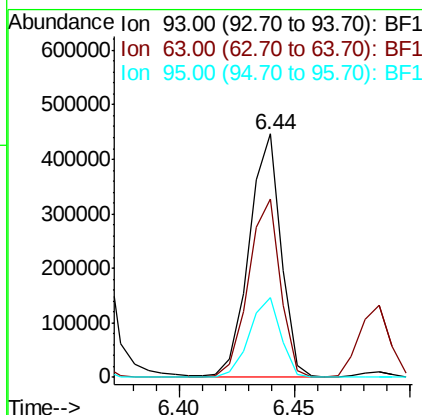
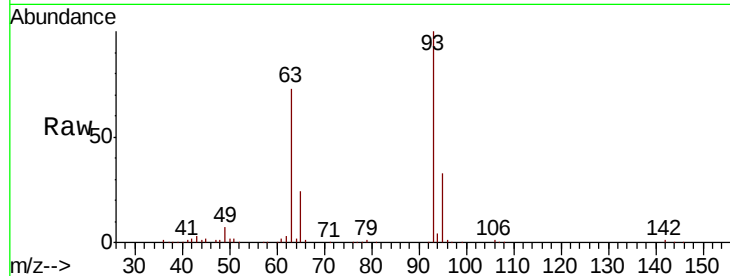
#11  
bis(2-Chloroethyl)ether  
Concen: 32.065 ng  
RT: 6.44 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 429414 |       |       |
| 63      | 73.3  | 56.4   | 96.4  |       |
| 95      | 32.7  | 13.5   | 53.5  |       |

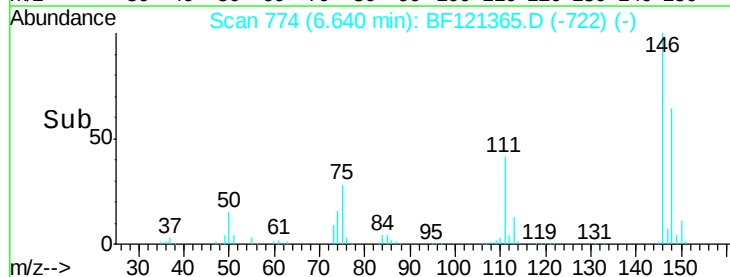
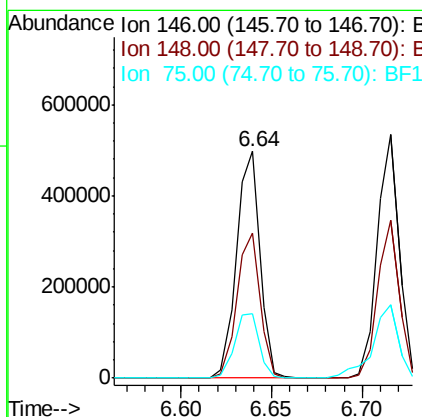
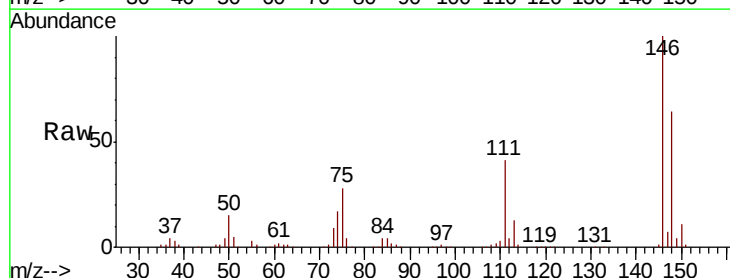
Manual Integrations  
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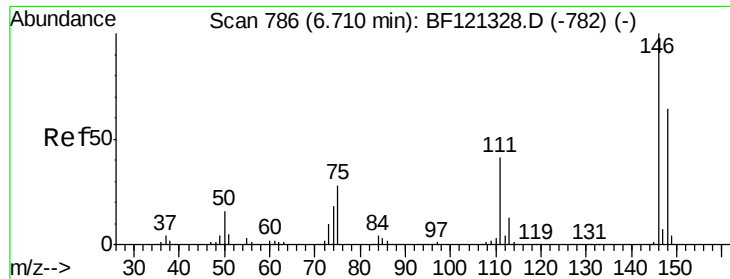
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 29.439 ng  
RT: 6.64 min Scan# 774  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 447817 |       |       |
| 148     | 63.8  | 50.7   | 76.1  |       |
| 75      | 28.2  | 23.8   | 35.6  |       |





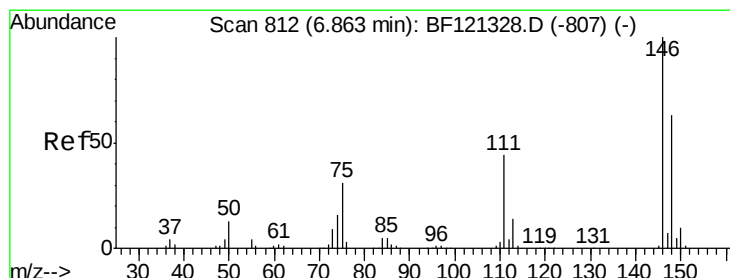
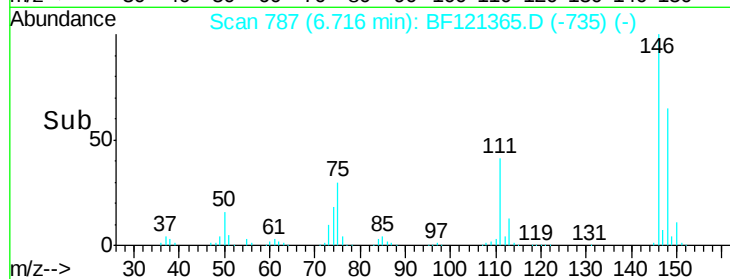
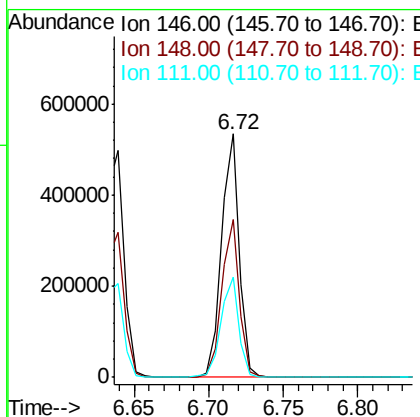
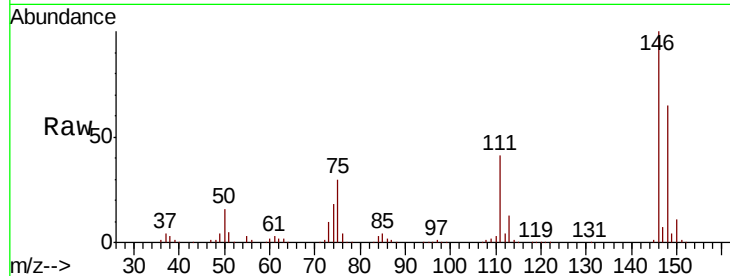
#13  
 1,4-Dichlorobenzene  
 Concen: 29.276 ng  
 RT: 6.72 min Scan# 787  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.2  | 76.8  |
| 111     | 41.1  | 33.3  | 49.9  |

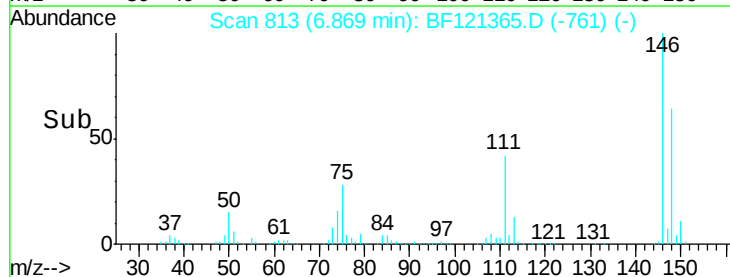
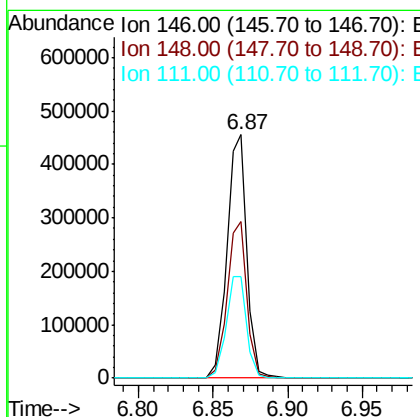
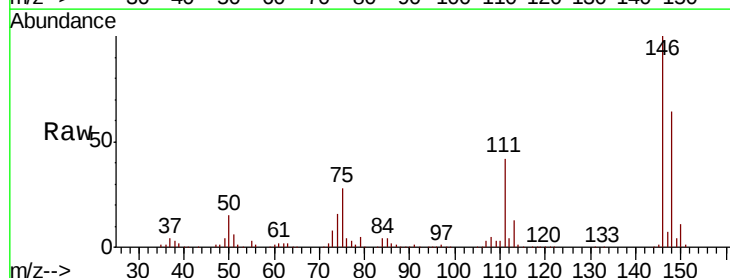
Manual Integrations  
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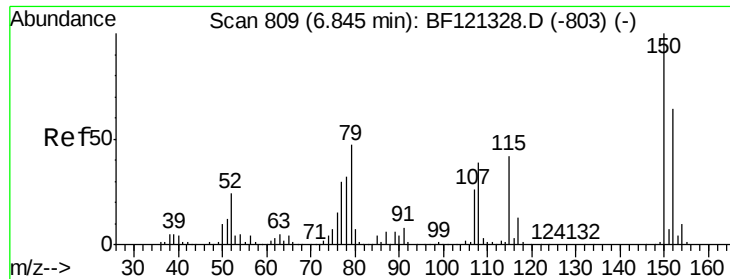
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#14  
 1,2-Dichlorobenzene  
 Concen: 29.430 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 50.3  | 75.5  |
| 111     | 41.8  | 35.5  | 53.3  |





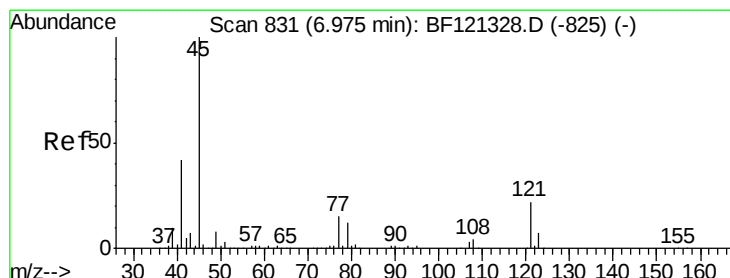
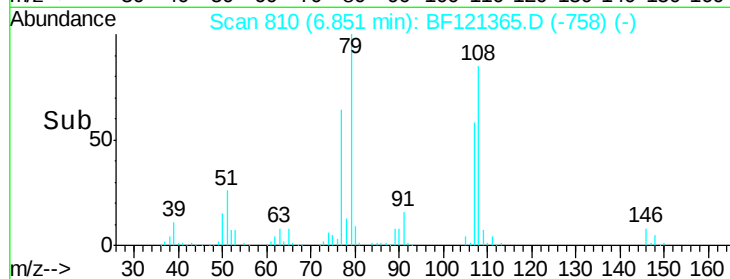
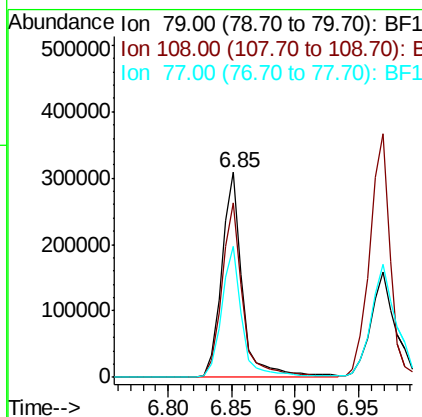
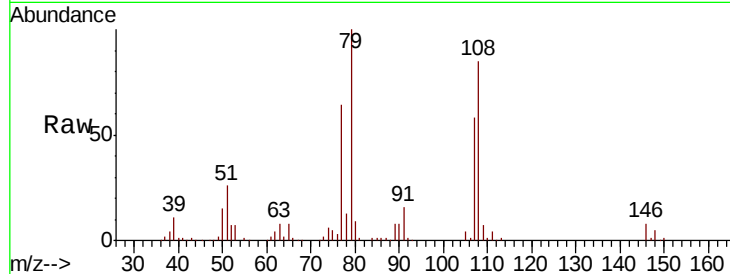
#15  
Benzyl Alcohol  
Concen: 35.279 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 85.0  | 65.2  | 97.8  |
| 77      | 63.6  | 51.4  | 77.0  |

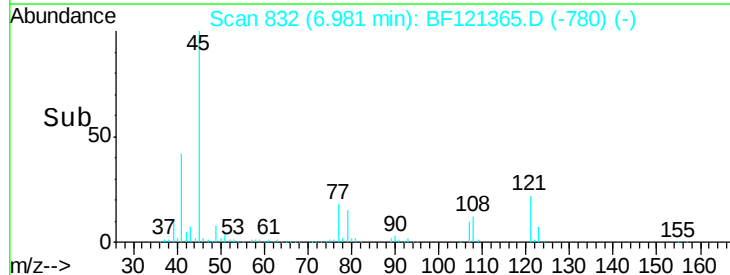
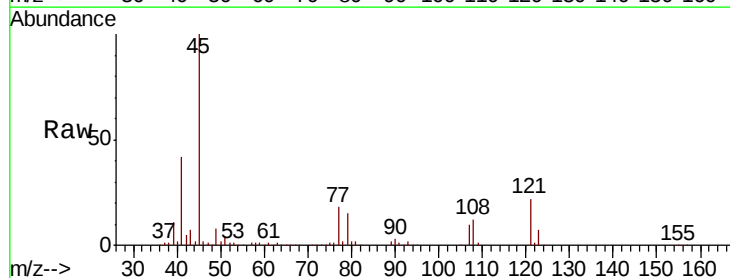
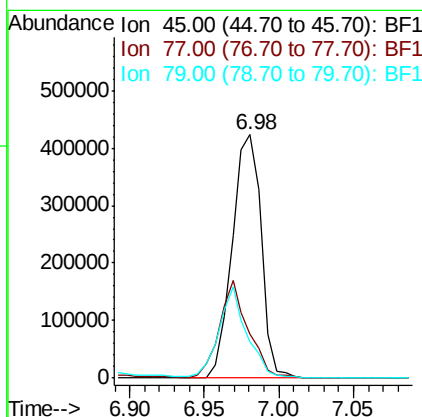
Manual Integrations  
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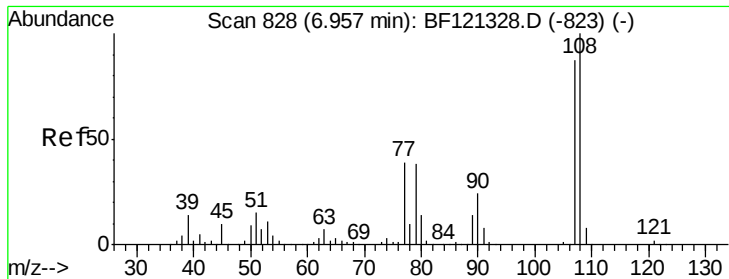
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 29.281 ng  
RT: 6.98 min Scan# 832  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 18.1  | 0.0   | 35.6  |
| 79      | 15.1  | 0.0   | 32.5  |





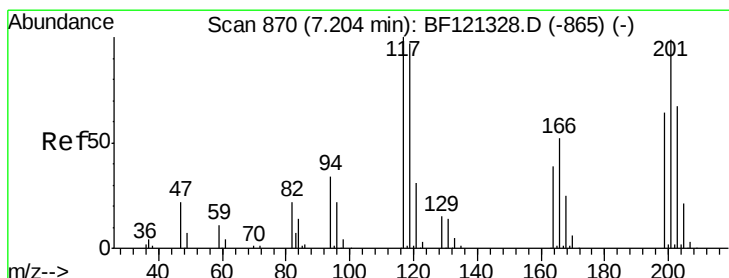
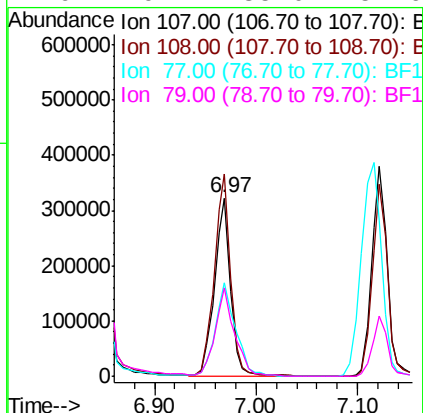
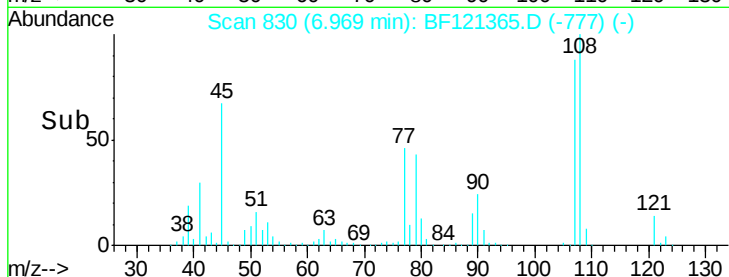
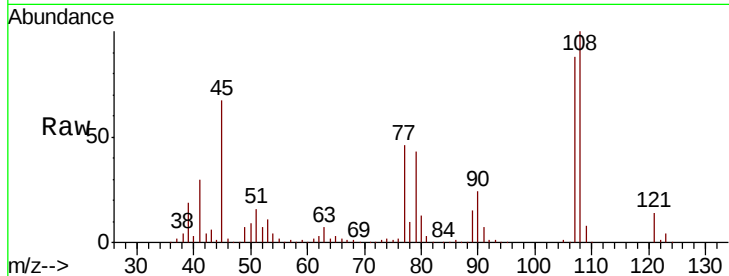
#17  
2-Methylphenol  
Concen: 31.855 ng  
RT: 6.97 min Scan# 830  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.8 | 92.4 | 138.6 |       |
| 77      | 52.8  | 36.1 | 54.1  |       |
| 79      | 49.4  | 35.0 | 52.6  |       |

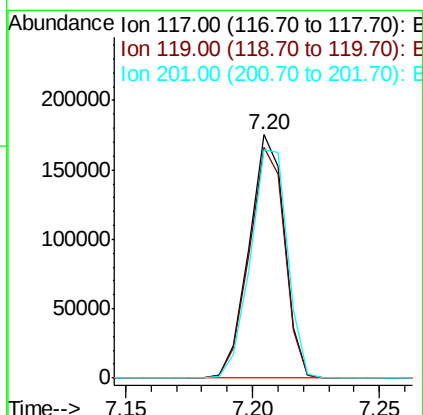
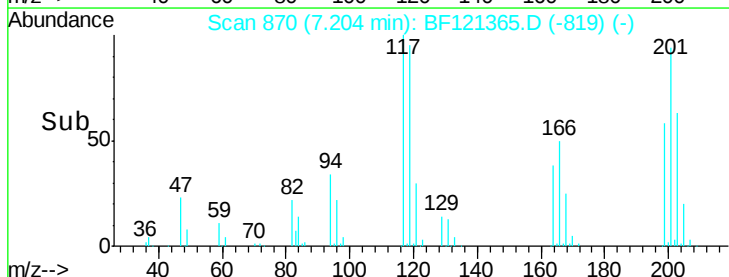
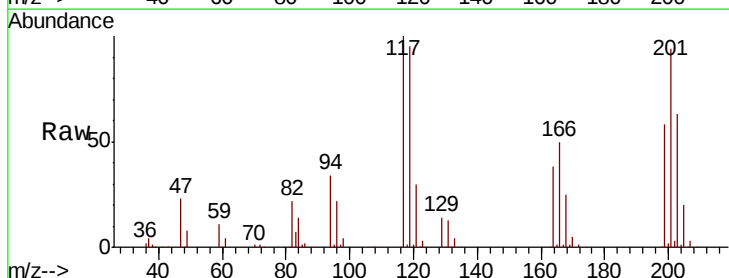
Manual Integrations  
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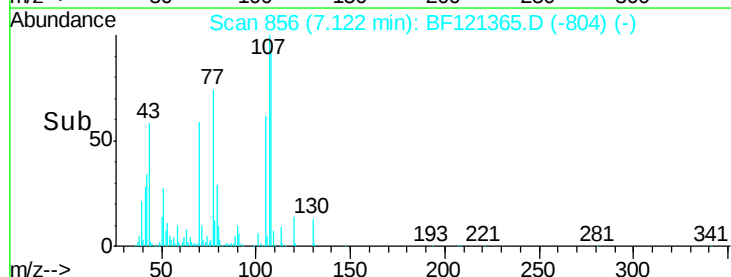
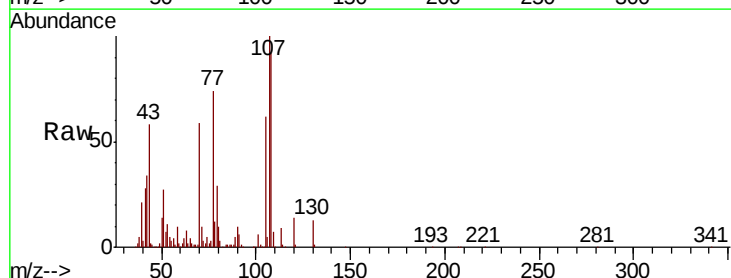
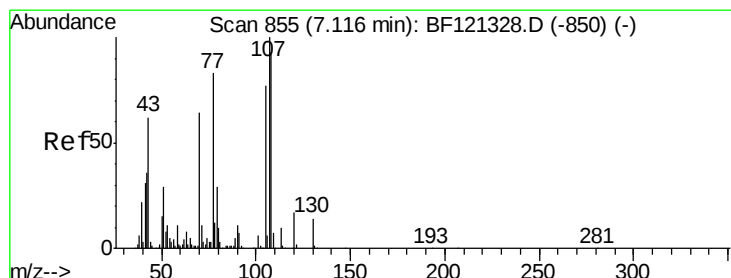
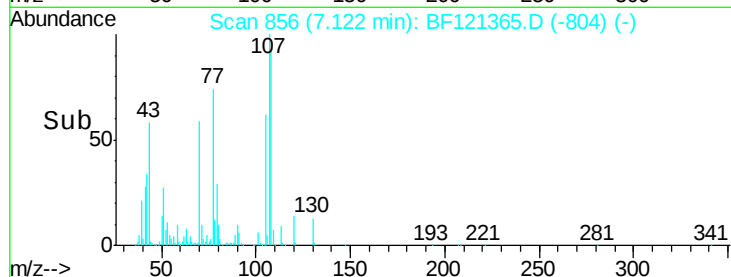
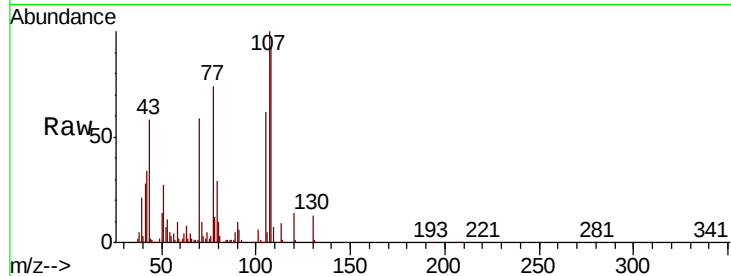
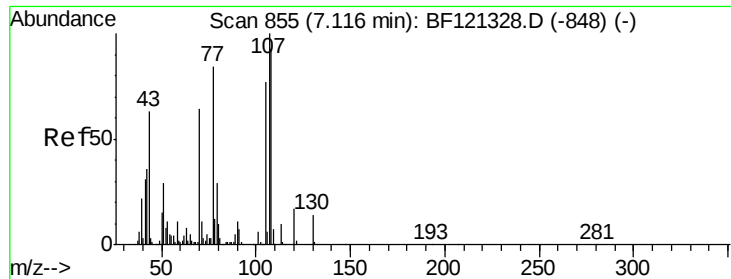
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#18  
Hexachloroethane  
Concen: 29.836 ng  
RT: 7.20 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

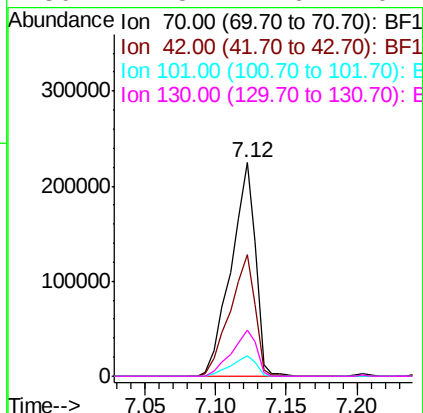
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.0  | 77.9 | 116.9 |       |
| 201     | 93.6  | 79.4 | 119.0 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 30.297 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 57.0  | 45.2  | 67.8  |
| 101     | 9.5   | 7.7   | 11.5  |
| 130     | 21.8  | 17.6  | 26.4  |



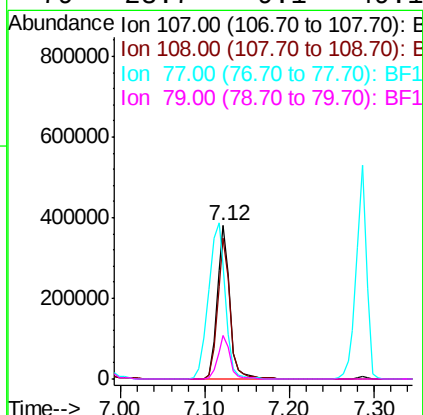
Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

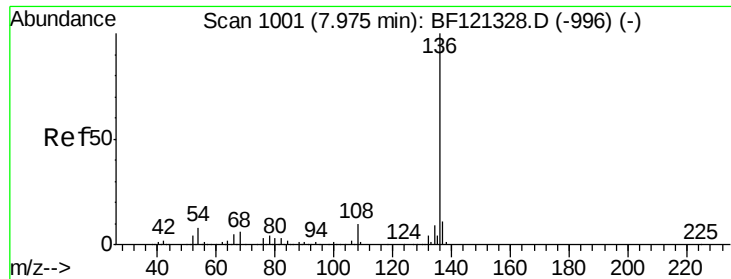
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 34.264 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 91.7  | 72.6  | 112.6 |
| 77      | 74.3  | 63.8  | 103.8 |
| 79      | 28.7  | 9.1   | 49.1  |





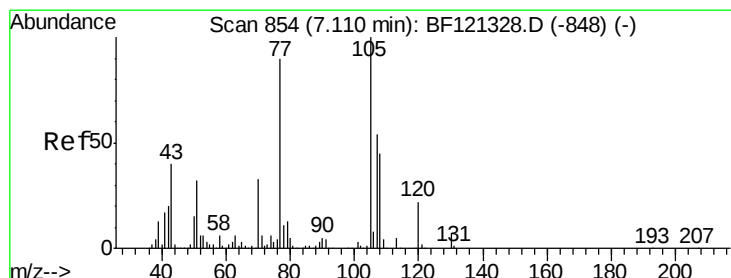
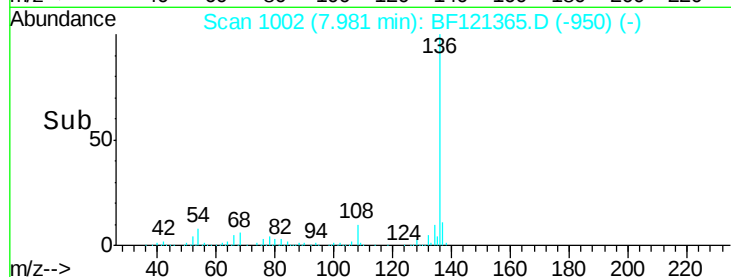
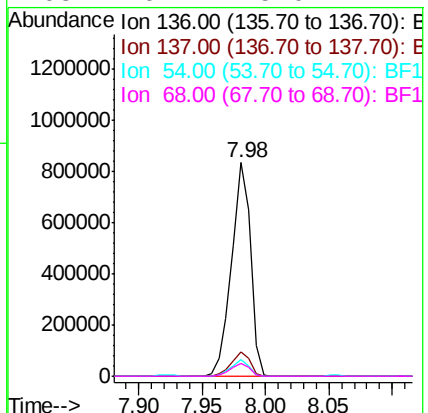
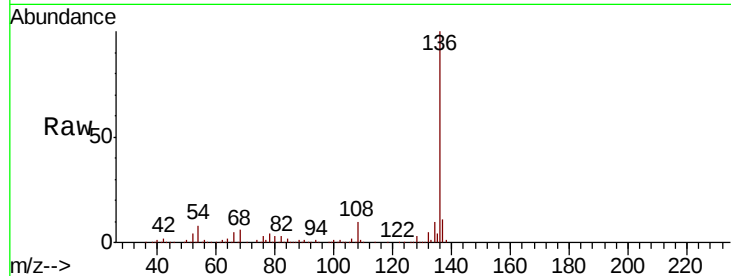
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 859651 |       |       |
| 137     | 11.4 |       | 8.9    | 13.3  |       |
| 54      | 7.6  |       | 6.1    | 9.1   |       |
| 68      | 6.2  |       | 5.0    | 7.4   |       |

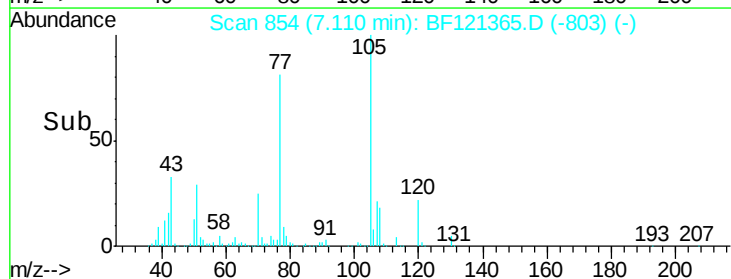
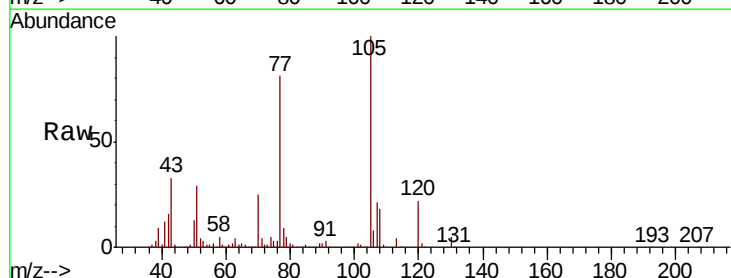
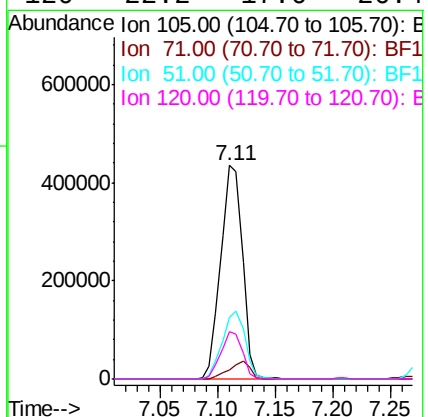
Manual Integrations  
APPROVED

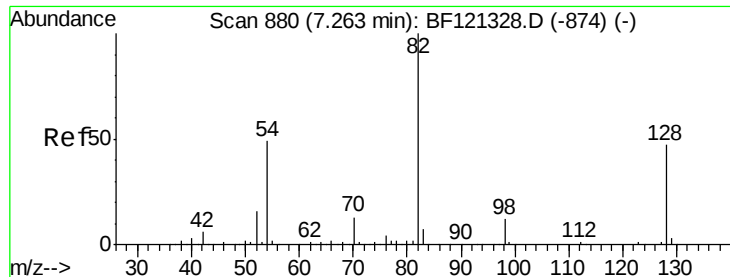
Sohil  
8/24/2020 1:50:03 PM



#22  
Acetophenone  
Concen: 28.378 ng  
RT: 7.11 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 570336 |       |       |
| 71      | 4.3  |       | 4.5    | 6.7#  |       |
| 51      | 28.6 |       | 25.4   | 38.0  |       |
| 120     | 22.2 |       | 17.6   | 26.4  |       |





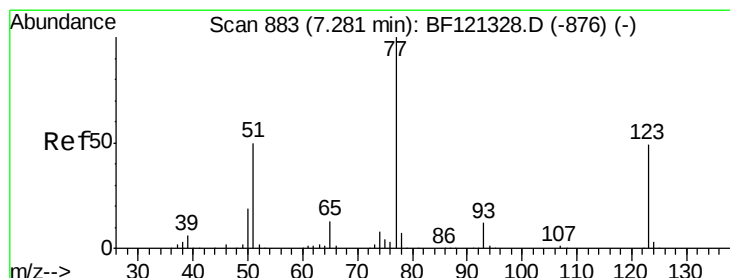
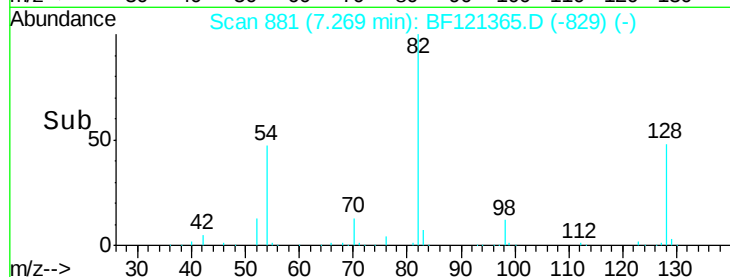
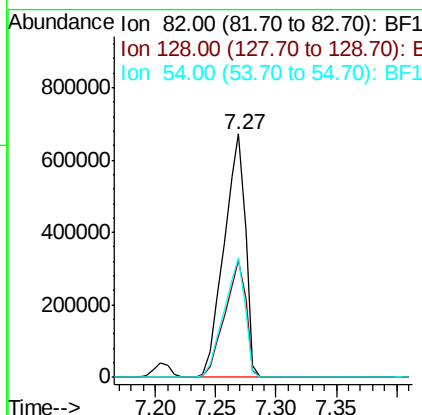
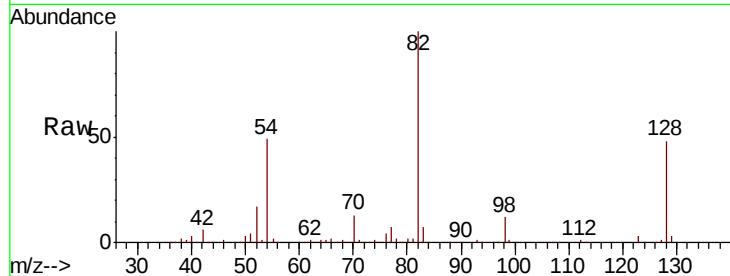
#23  
Nitrobenzene-d5  
Concen: 54.241 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampled :  
PB131076BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 47.8  | 37.9 | 56.9  |       |
| 54      | 48.9  | 39.0 | 58.4  |       |

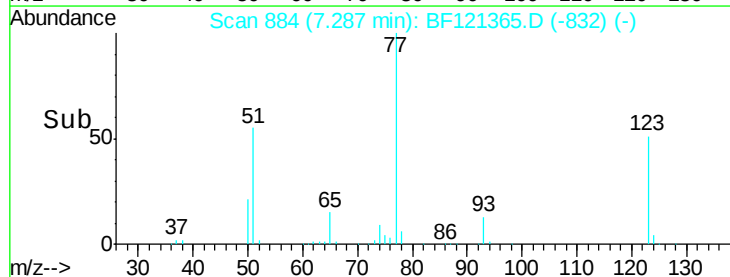
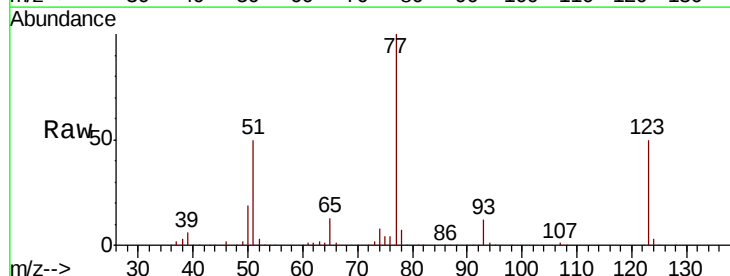
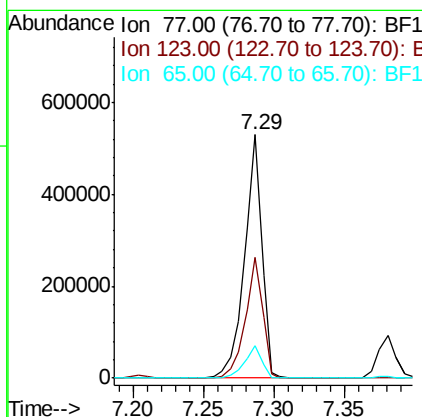
Manual Integrations  
APPROVED

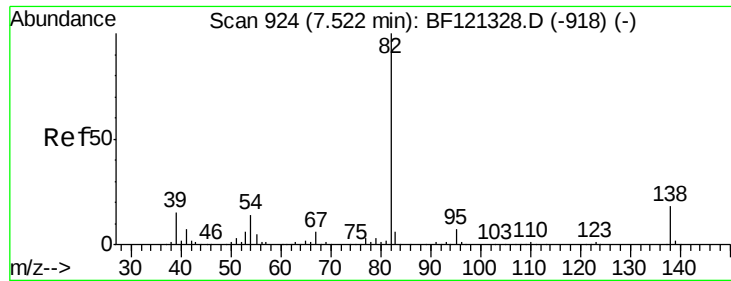
Sohil  
8/24/2020 1:50:03 PM



#24  
Nitrobenzene  
Concen: 29.227 ng  
RT: 7.29 min Scan# 884  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 49.6  | 39.2 | 58.8  |       |
| 65      | 13.3  | 10.6 | 15.8  |       |





#25

Isophorone

Concen: 30.448 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

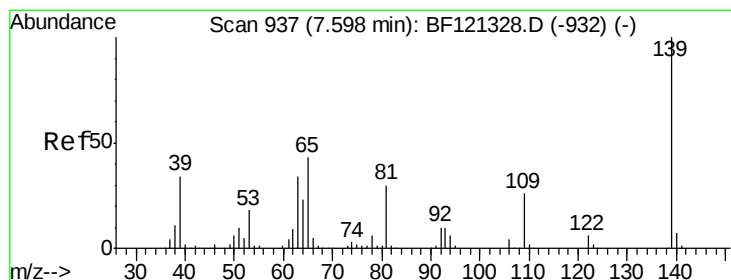
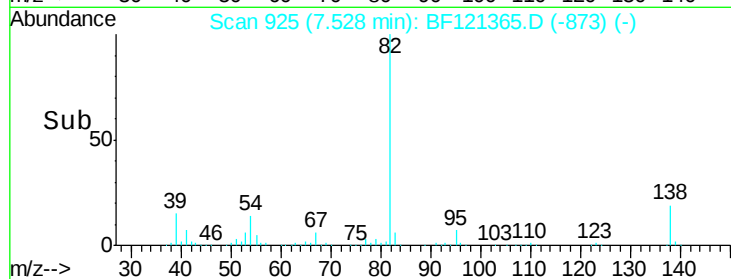
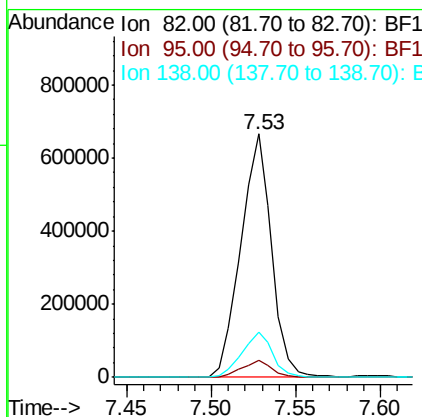
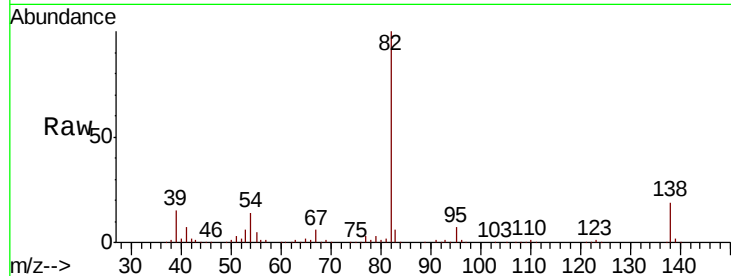
ClientSampleId :

PB131076BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 842250 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.8  | 5.3   | 7.9    |
| 138       | 18.7 | 14.6  | 21.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 31.276 ng

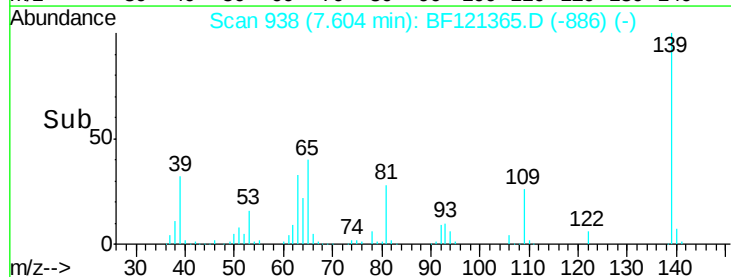
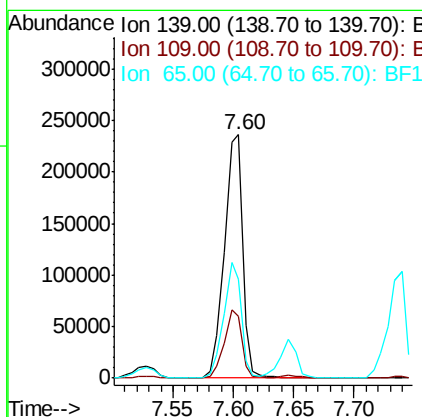
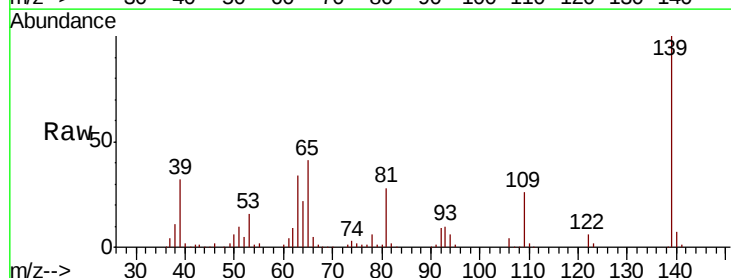
RT: 7.60 min Scan# 938

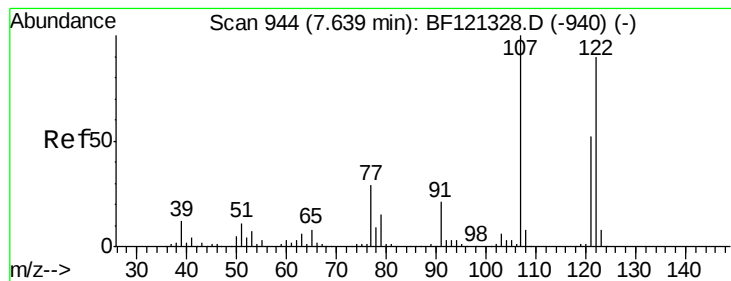
Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 248493 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 25.6 | 21.1  | 31.7   |
| 65        | 40.6 | 34.5  | 51.7   |





#27

2,4-Dimethylphenol

Concen: 34.390 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

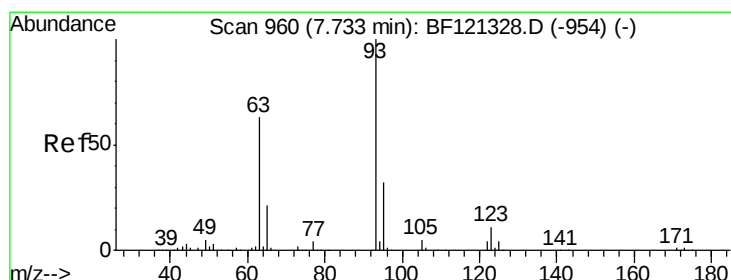
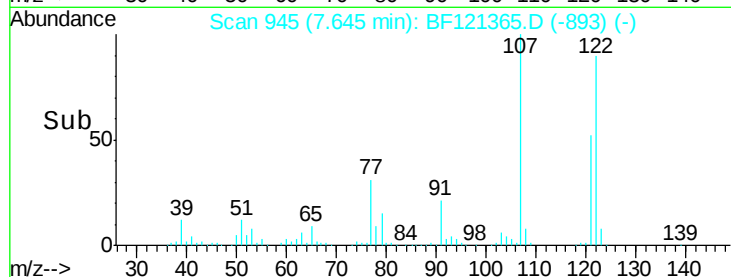
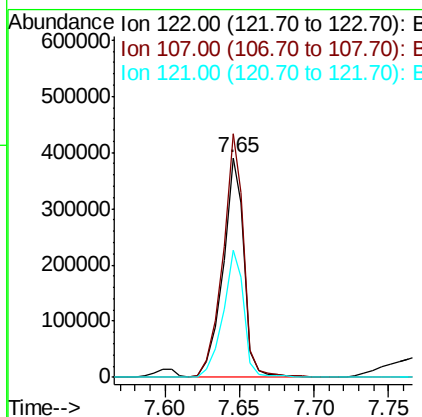
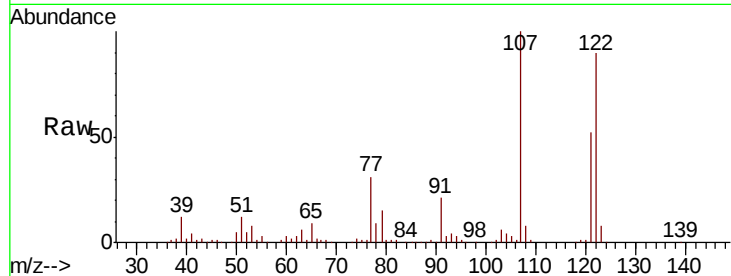
ClientSampled :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 389884 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 110.7 | 89.0  | 133.4  |
| 121       | 58.1  | 46.4  | 69.6   |

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#28

bis(2-Chloroethoxy)methane

Concen: 28.209 ng

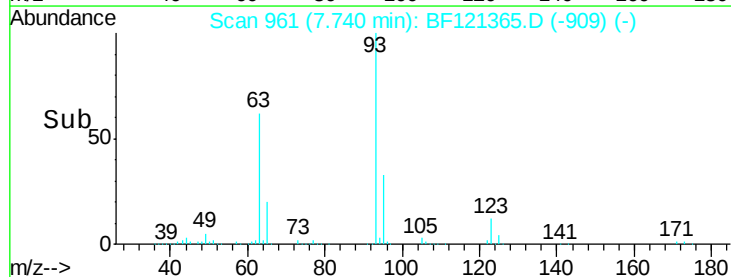
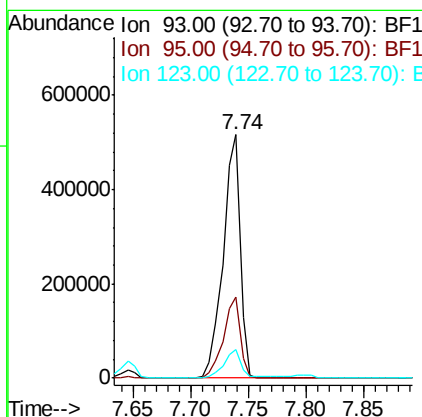
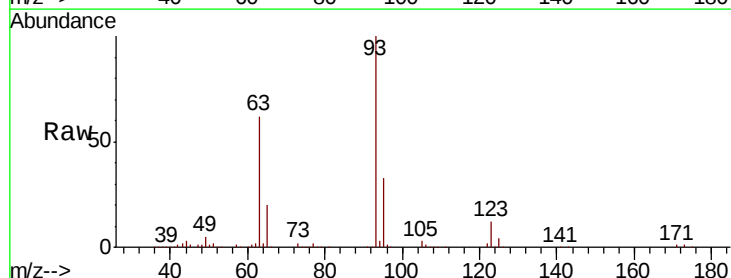
RT: 7.74 min Scan# 961

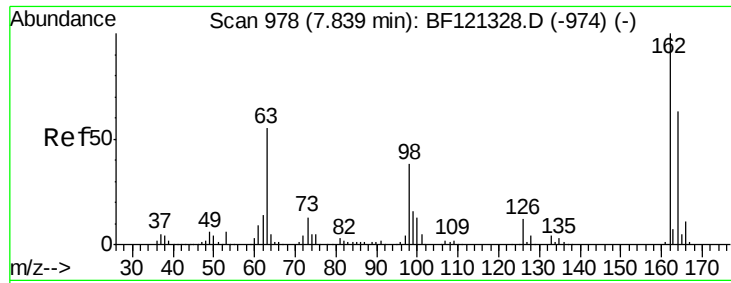
Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 531174 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.3  | 25.8  | 38.8   |
| 123       | 11.6  | 9.0   | 13.6   |





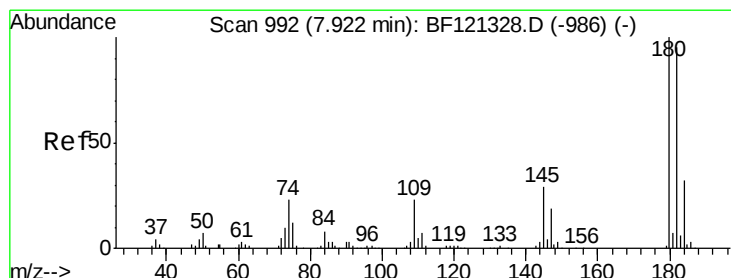
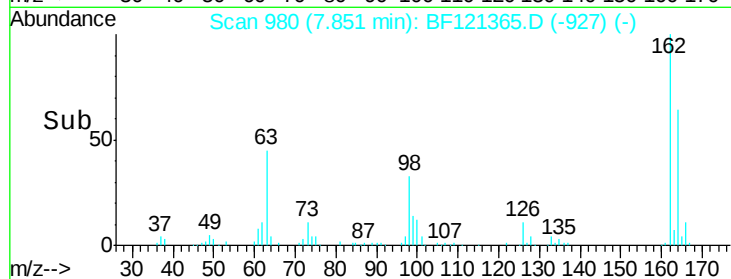
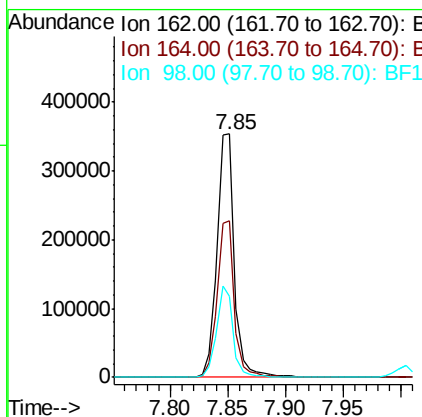
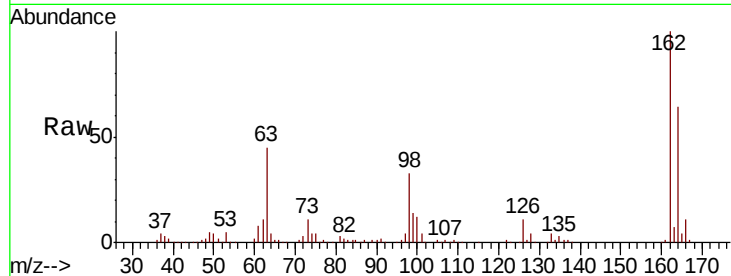
#29  
2,4-Dichlorophenol  
Concen: 29.866 ng  
RT: 7.85 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 369677 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.5  | 43.4  | 83.4   |
| 98        | 33.0  | 18.1  | 58.1   |

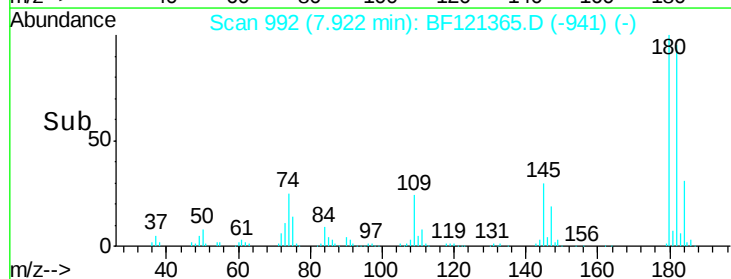
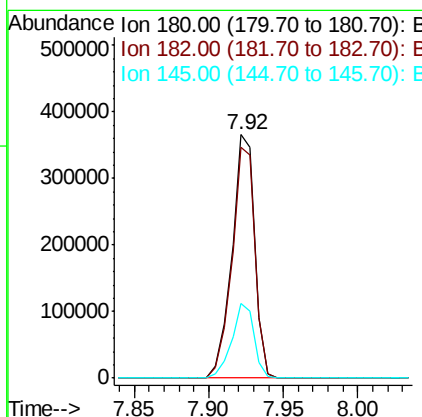
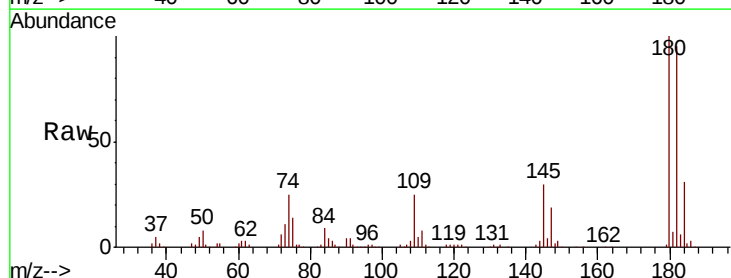
Manual Integrations  
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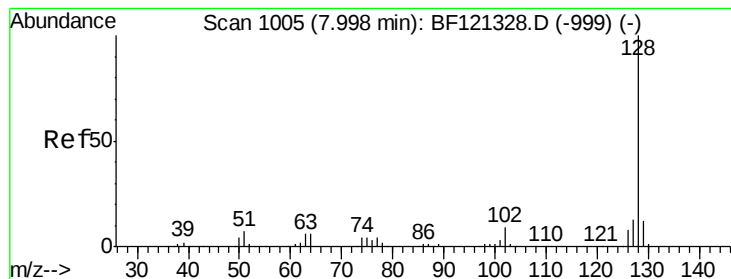
Sohil  
8/24/2020 1:50:03 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 27.819 ng  
RT: 7.92 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 393767 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.6  | 75.9  | 113.9  |
| 145       | 30.4  | 23.2  | 34.8   |





#31

Naphthalene

Concen: 28.467 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

ClientSampleId :

PB131076BS

Tot Ion:128 Resp: 1217951

Ion Ratio Lower Upper

128 100

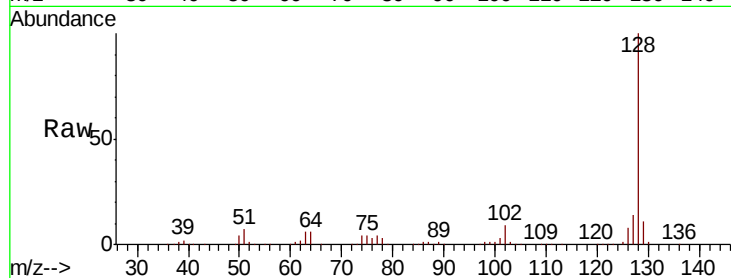
129 11.4 9.3 13.9

127 13.6 10.6 16.0

Manual Integrations  
APPROVED

Sohil

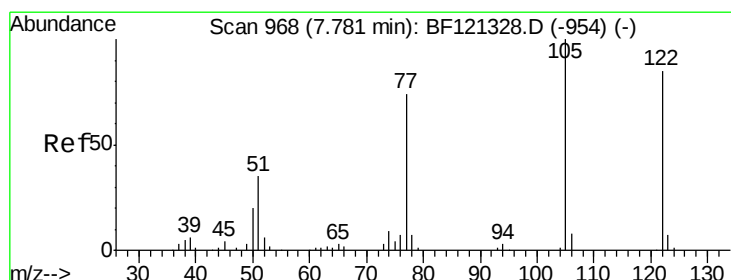
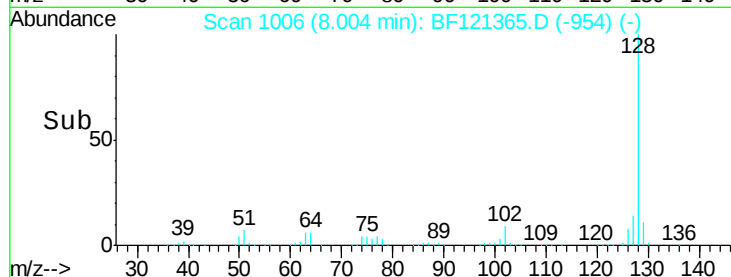
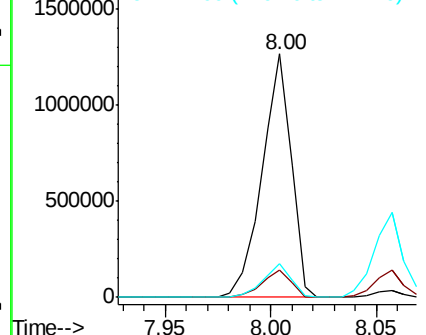
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.256 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

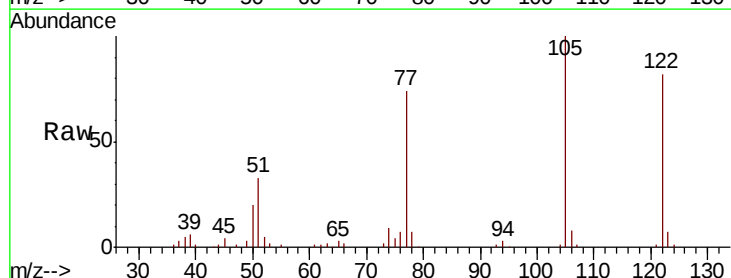
Tgt Ion:122 Resp: 199464

Ion Ratio Lower Upper

122 100

105 121.4 96.7 136.7

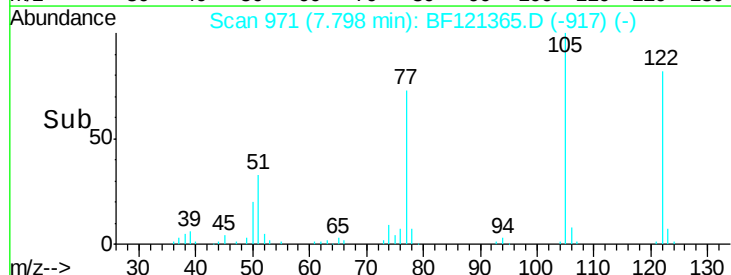
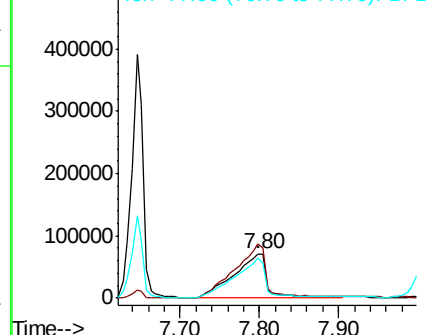
77 89.4 66.7 106.7

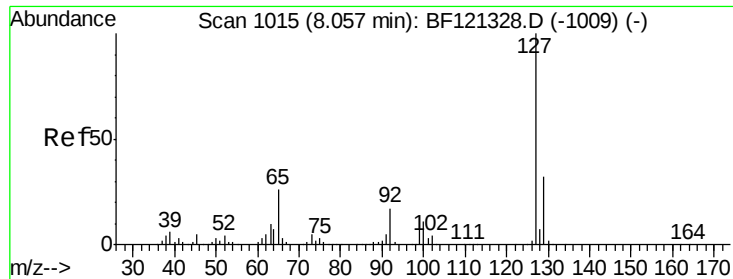


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





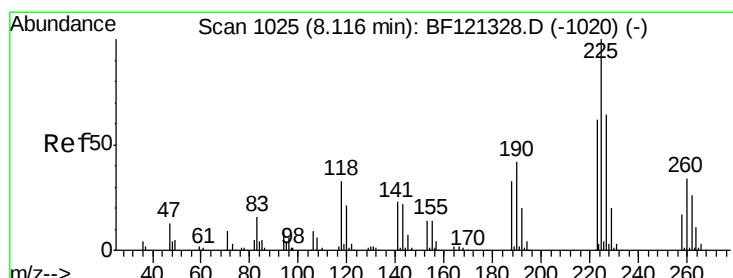
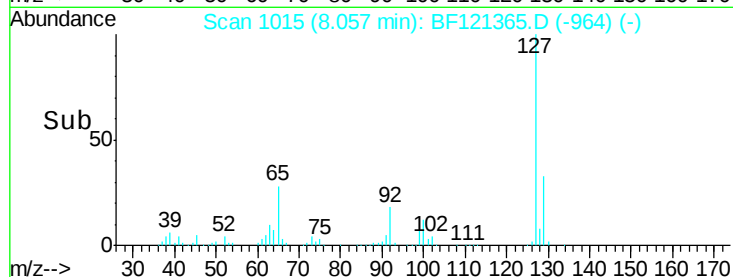
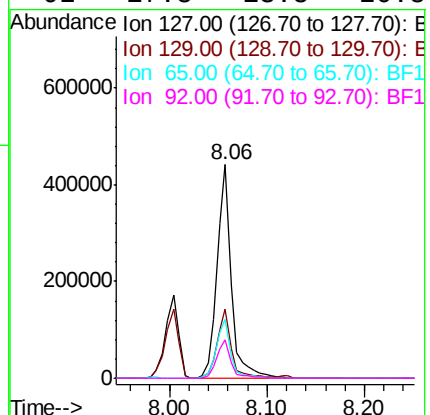
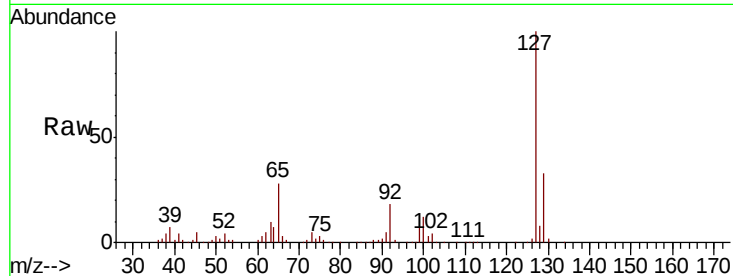
#33  
4-Chloroaniline  
Concen: 23.722 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 449427 |       |       |
| 129     | 32.5 | 25.7  | 38.5   |       |       |
| 65      | 27.8 | 20.9  | 31.3   |       |       |
| 92      | 17.8 | 13.8  | 20.8   |       |       |

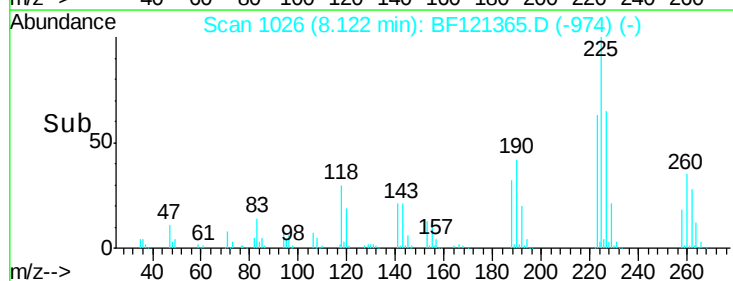
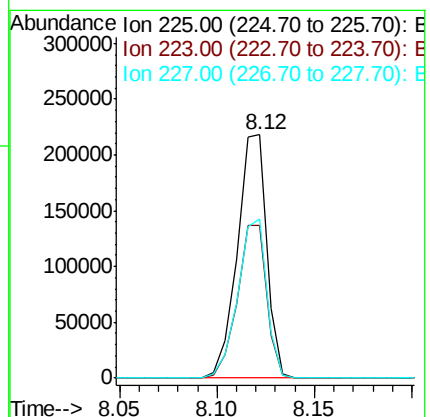
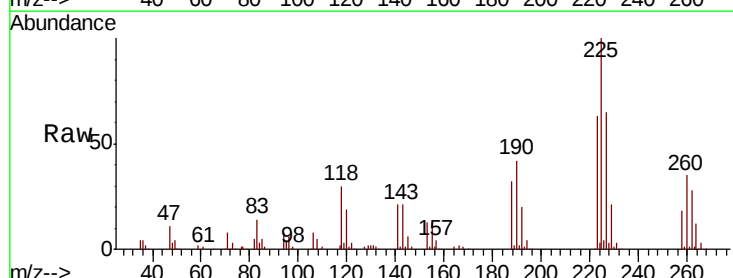
Manual Integrations  
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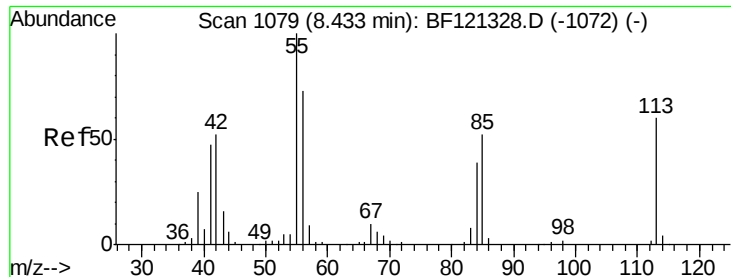
Sohil  
8/24/2020 1:50:03 PM



#34  
Hexachlorobutadiene  
Concen: 27.204 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 227882 |       |       |
| 223     | 62.6 | 49.7  | 74.5   |       |       |
| 227     | 65.2 | 50.9  | 76.3   |       |       |





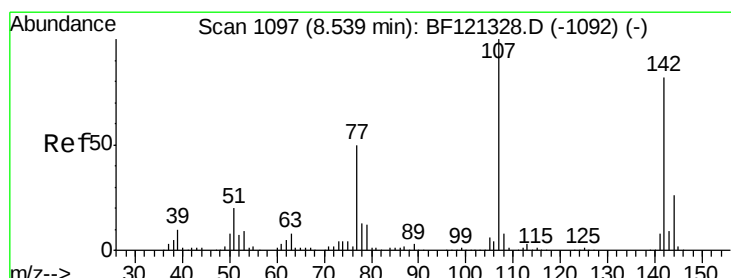
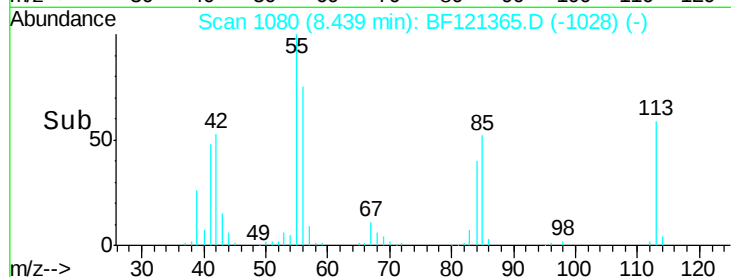
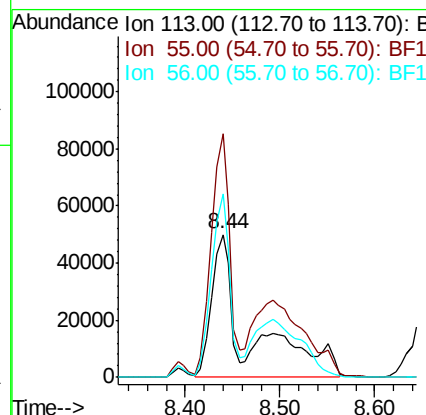
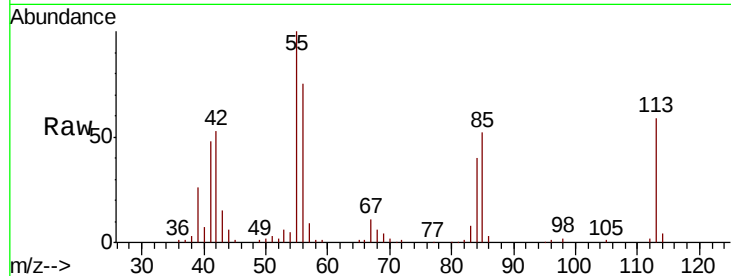
#35  
 Caprolactam  
 Concen: 33.189 ng/ml  
 RT: 8.44 min Scan# 1080  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 170.2 | 147.9 | 187.9 |
| 56      | 128.1 | 102.4 | 142.4 |

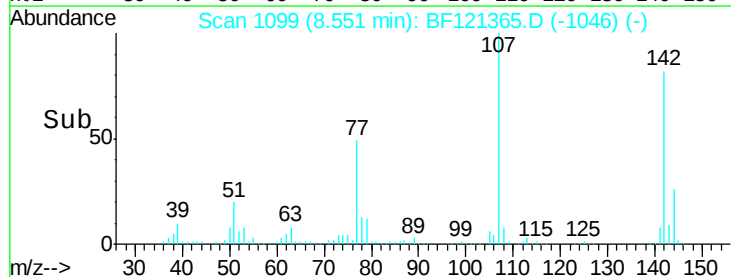
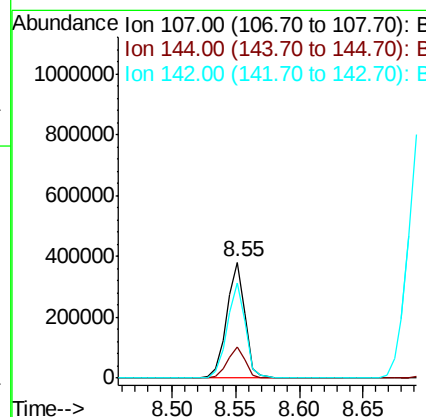
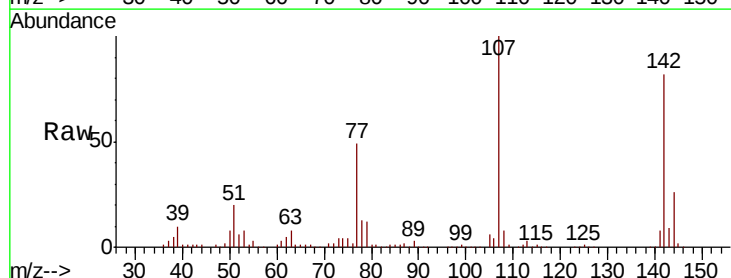
Manual Integrations  
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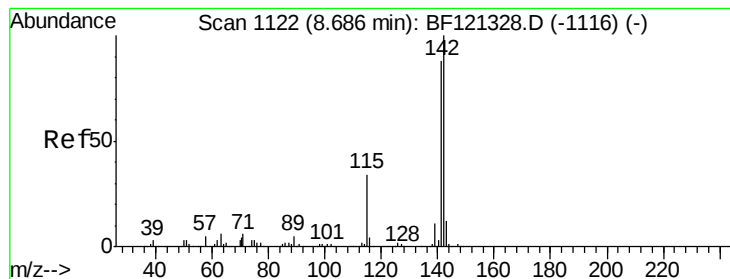
Sohil  
 8/24/2020 1:50:03 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 30.654 ng/ml  
 RT: 8.55 min Scan# 1099  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.4  | 21.1  | 31.7  |
| 142     | 82.0  | 65.6  | 98.4  |





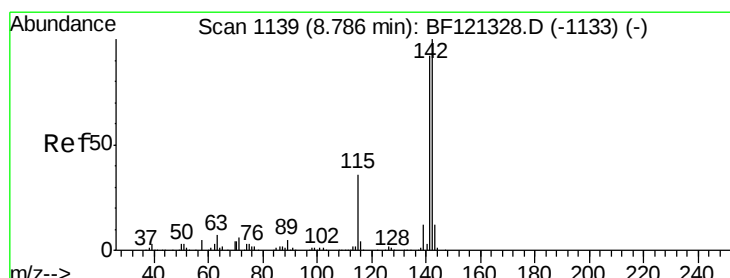
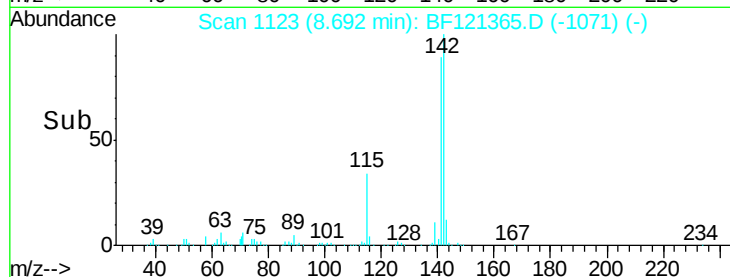
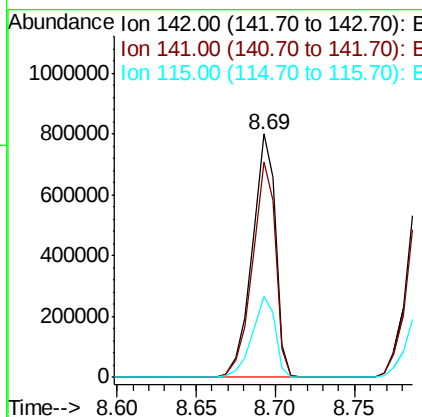
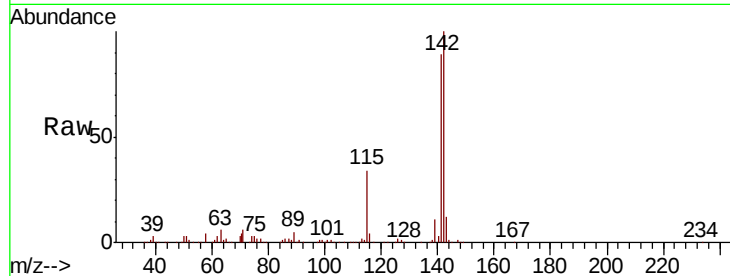
#37  
2-Methylnaphthalene  
Concen: 29.532 ng  
RT: 8.69 min Scan# 1123  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampled :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.7  | 70.3  | 105.5 |
| 115     | 33.5  | 26.9  | 40.3  |

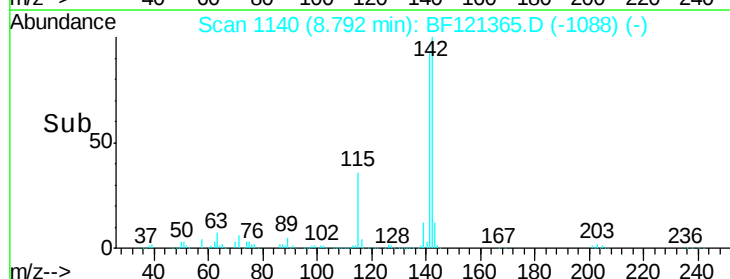
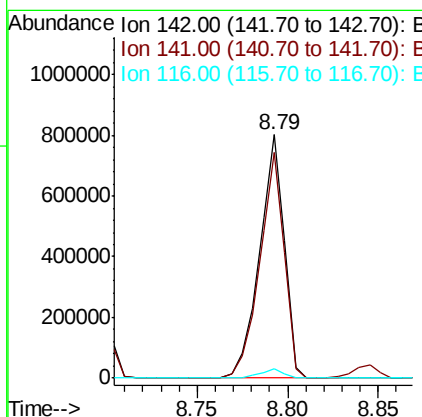
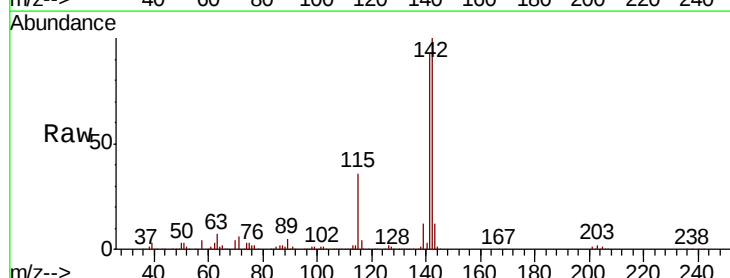
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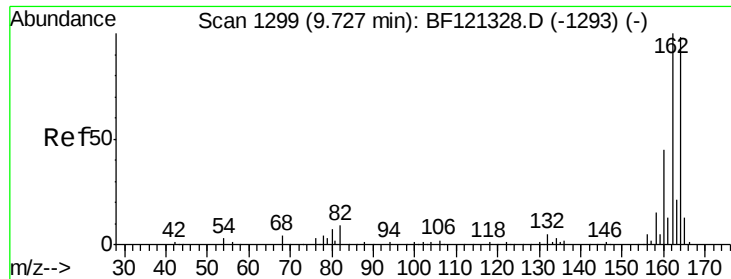
Sohil  
8/24/2020 1:50:03 PM



#38  
1-Methylnaphthalene  
Concen: 28.714 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.5  | 73.6  | 110.4 |
| 116     | 3.7   | 3.0   | 4.4   |





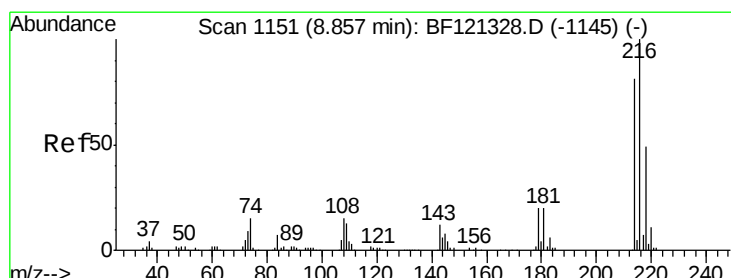
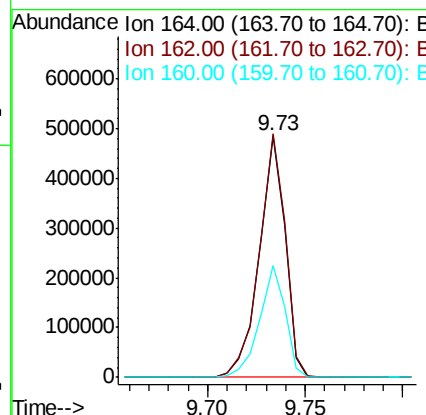
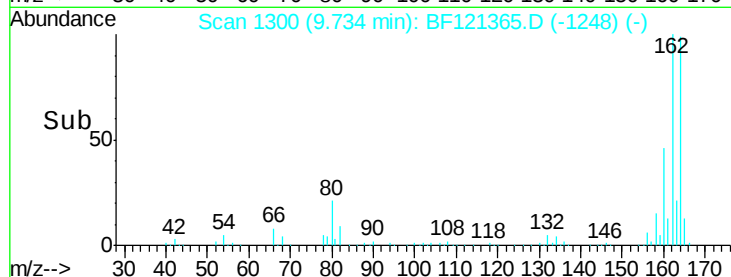
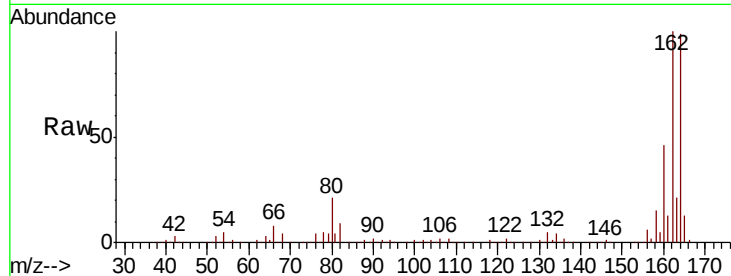
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.73 min Scan# 1300  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.0 | 81.7  | 122.5 |
| 160     | 46.4  | 37.0  | 55.4  |

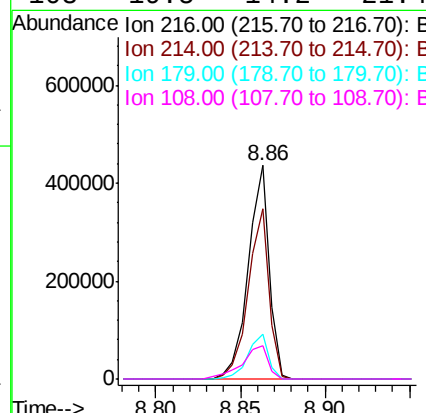
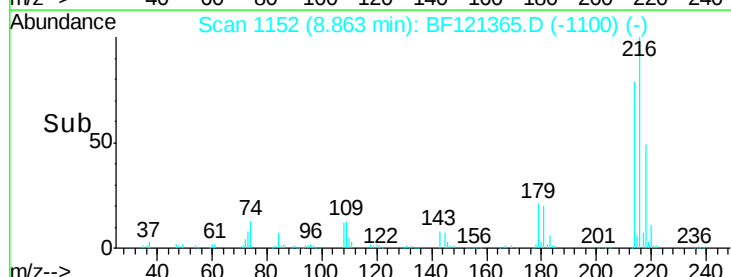
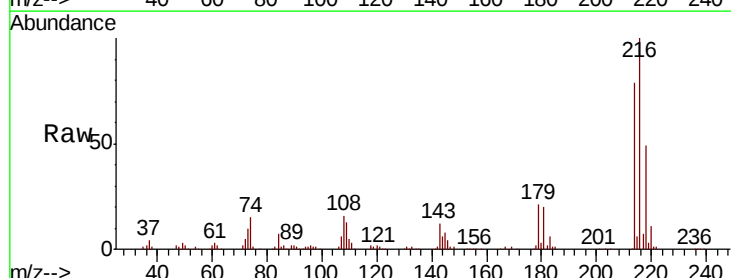
Manual Integrations  
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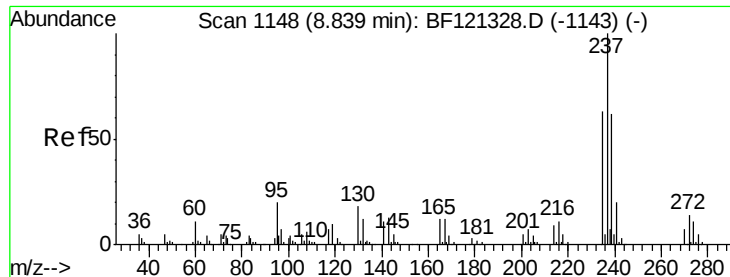
Sohil  
8/24/2020 1:50:03 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 28.455 ng  
RT: 8.86 min Scan# 1152  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.4  | 64.2  | 96.2  |
| 179     | 20.6  | 16.4  | 24.6  |
| 108     | 19.5  | 14.2  | 21.4  |





#41

Hexachlorocyclopentadiene

Concen: 65.140 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

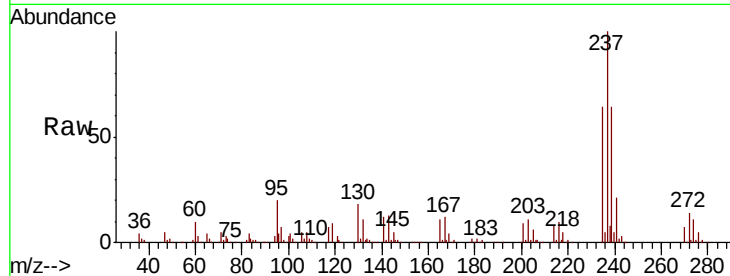
ClientSampleId :

PB131076BS

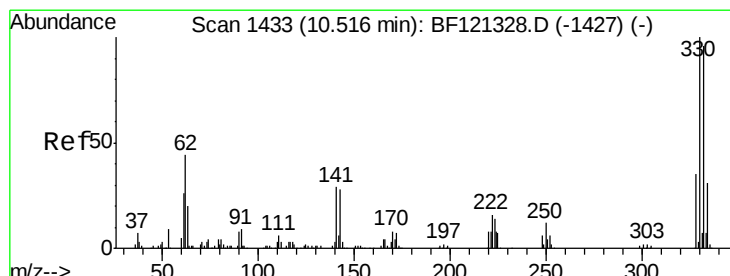
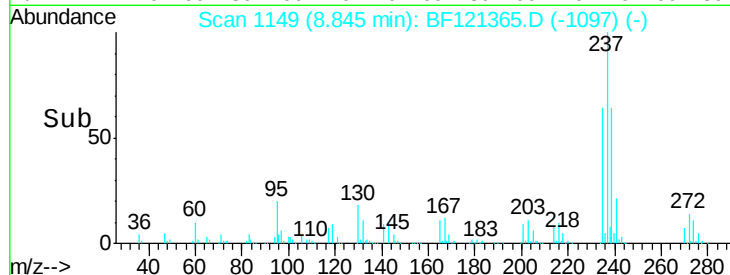
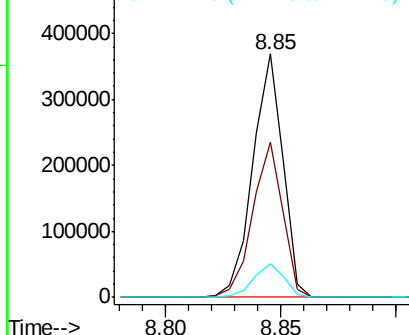
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 63.6 |       | 42.7 | 82.7  |       |
| 272     | 14.1 |       | 0.0  | 33.7  |       |

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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: 69.719 ng

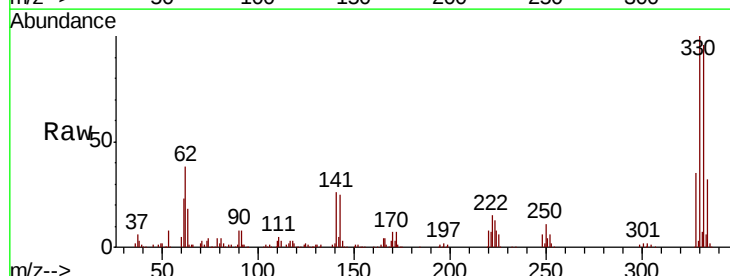
RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

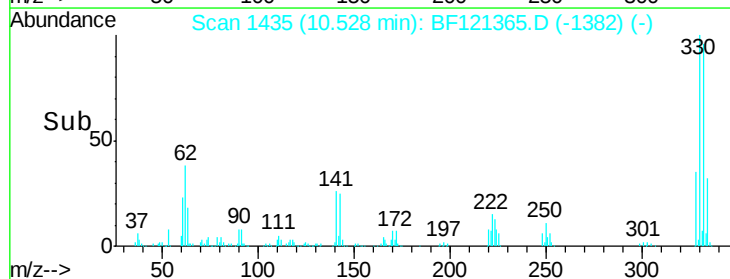
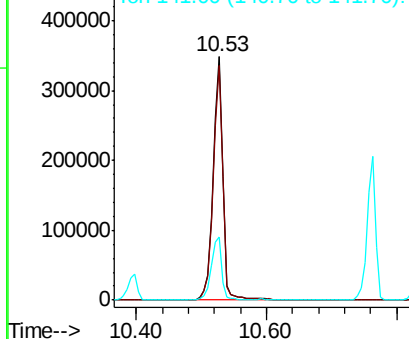
Lab File: BF121365.D

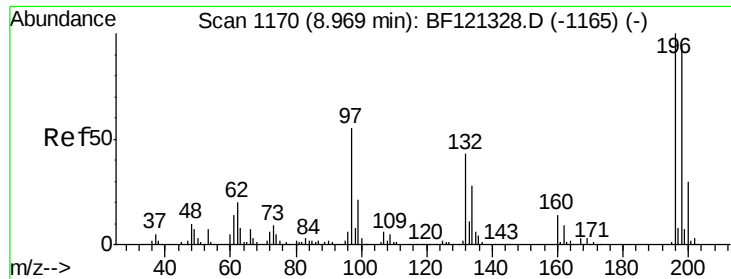
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 330     | 100  |       |      |       |       |
| 332     | 96.5 |       | 76.9 | 115.3 |       |
| 141     | 27.8 |       | 22.8 | 34.2  |       |



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





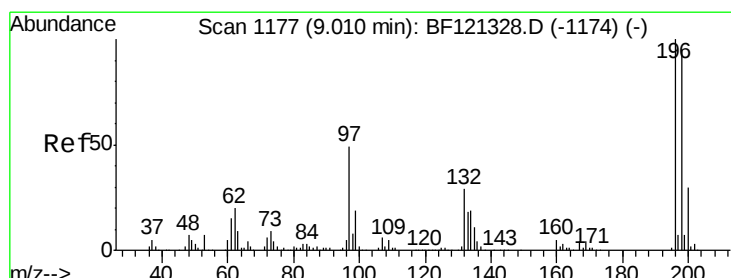
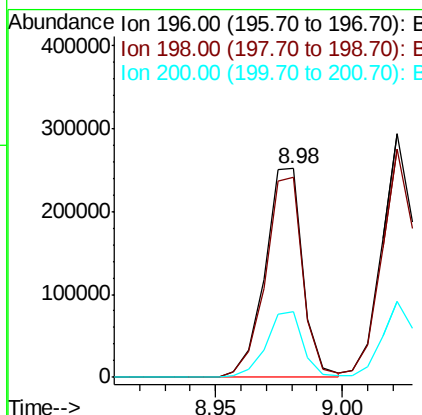
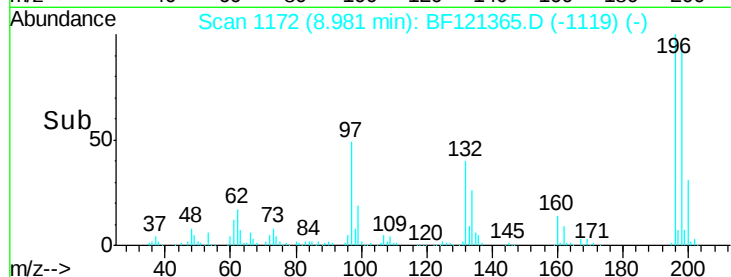
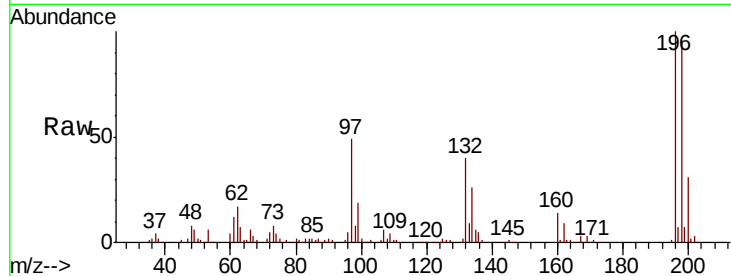
#43  
 2,4,6-Trichlorophenol  
 Concen: 29.023 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 263902 |       |       |
| 198     | 95.9  | 75.6   | 113.4 |       |
| 200     | 31.2  | 24.2   | 36.2  |       |

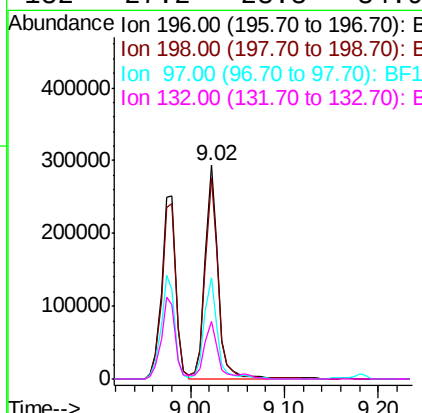
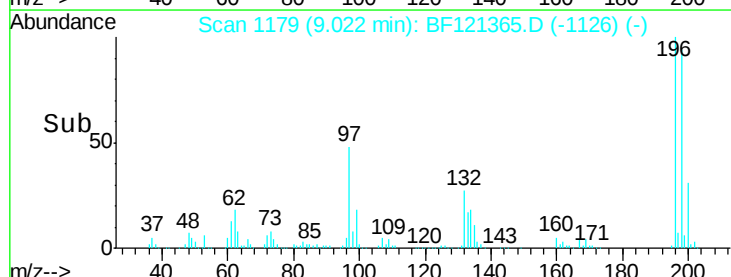
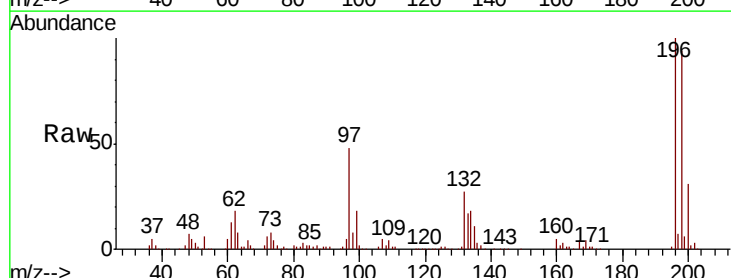
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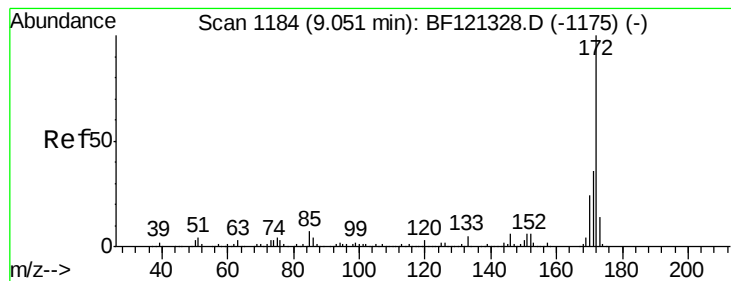
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#44  
 2,4,5-Trichlorophenol  
 Concen: 30.376 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 284166 |       |       |
| 198     | 93.8  | 75.6   | 113.4 |       |
| 97      | 47.7  | 39.6   | 59.4  |       |
| 132     | 27.2  | 23.3   | 34.9  |       |





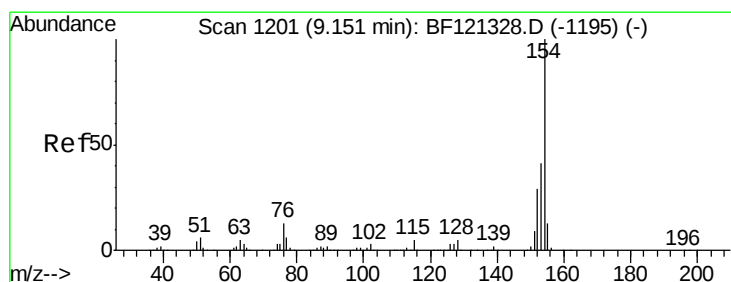
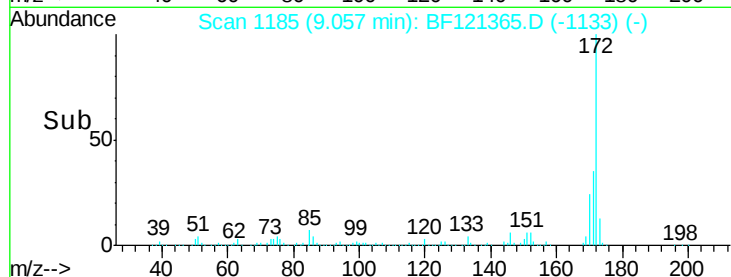
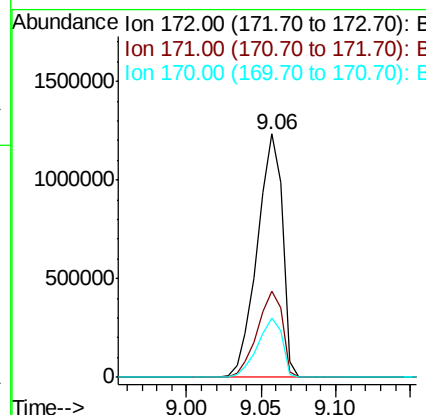
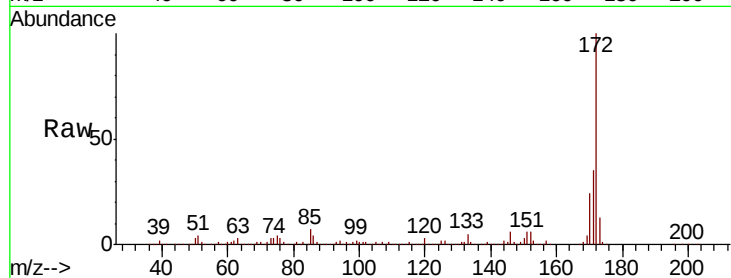
#45  
2-Fluorobiphenyl  
Concen: 56.694 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 29.0  | 43.6  |
| 170     | 24.5  | 19.4  | 29.2  |

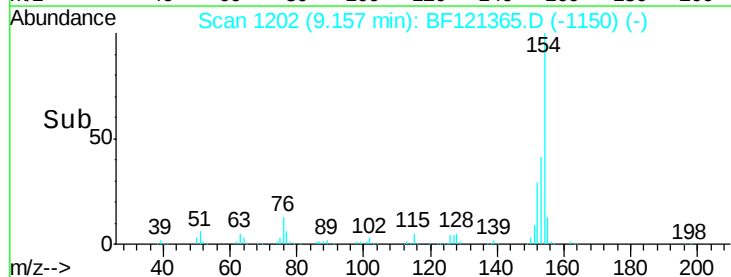
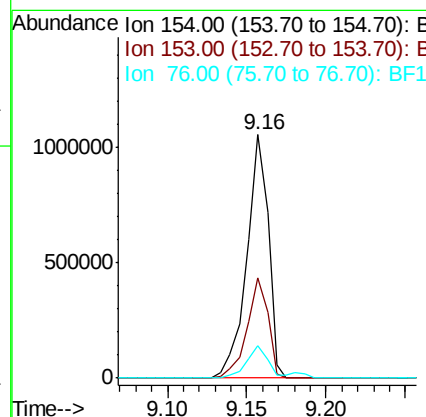
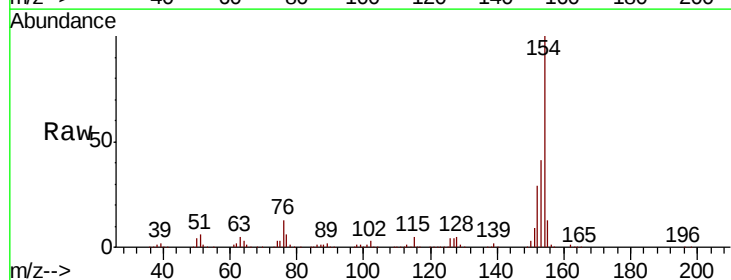
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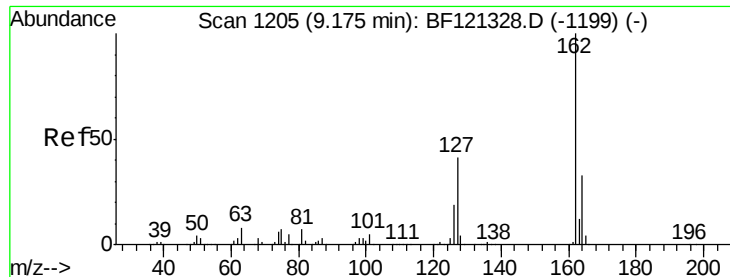
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#46  
1,1'-Biphenyl  
Concen: 29.378 ng  
RT: 9.16 min Scan# 1202  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 20.8  | 60.8  |
| 76      | 13.1  | 0.0   | 33.1  |





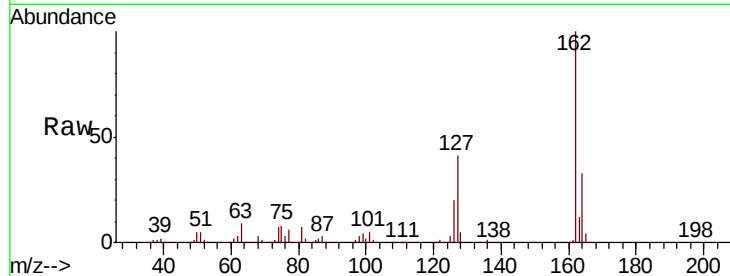
#47  
 2-Chloronaphthalene  
 Concen: 27.544 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

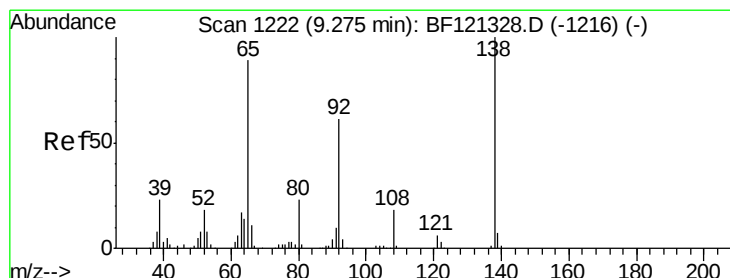
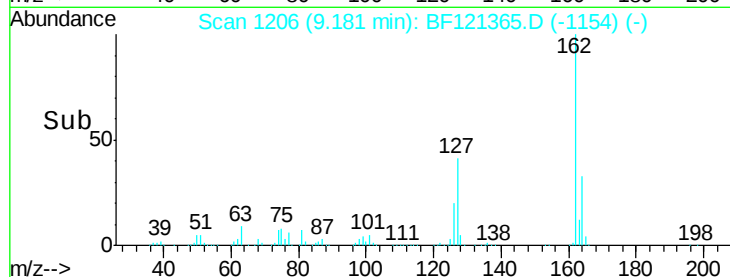
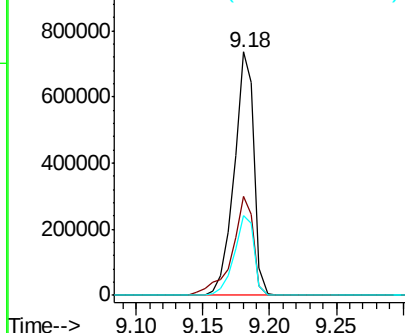
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 40.6 |       | 33.1 | 49.7  |       |
| 164     | 32.9 |       | 26.5 | 39.7  |       |

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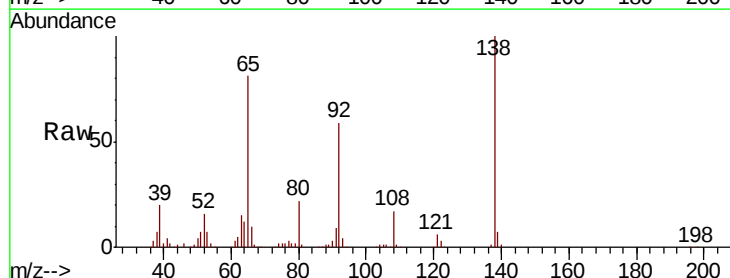


Abundance Ion 162.00 (161.70 to 162.70): E  
 1000000 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

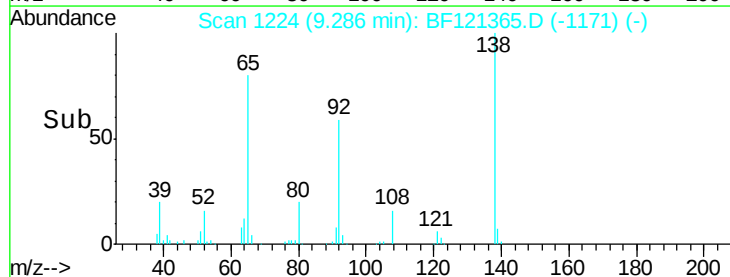
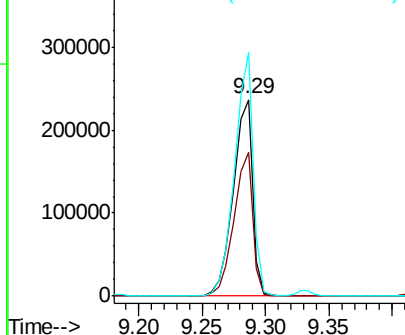


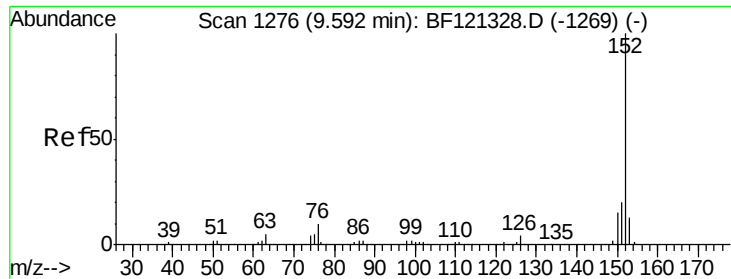
#48  
 2-Nitroaniline  
 Concen: 28.592 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ion   | Ratio | Resp | Lower | Upper |
|---------|-------|-------|------|-------|-------|
| 65      | 100   |       |      |       |       |
| 92      | 72.9  |       | 54.9 | 82.3  |       |
| 138     | 124.0 |       | 89.5 | 134.3 |       |



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 400000 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 29.252 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

ClientSampleId :

PB131076BS

Tot Ion:152 Resp: 1202287

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

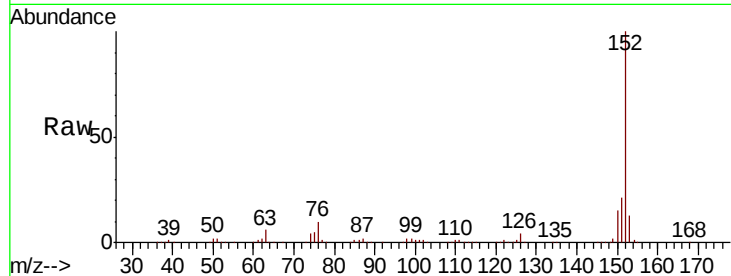
153 13.3 10.6 16.0

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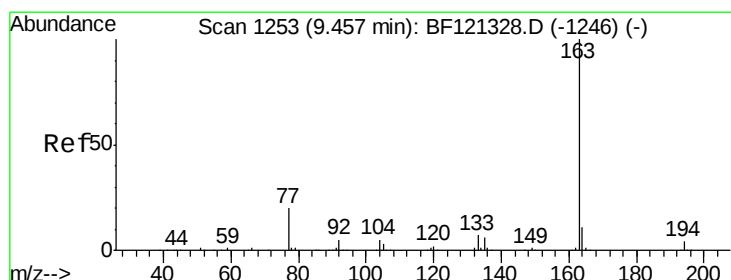
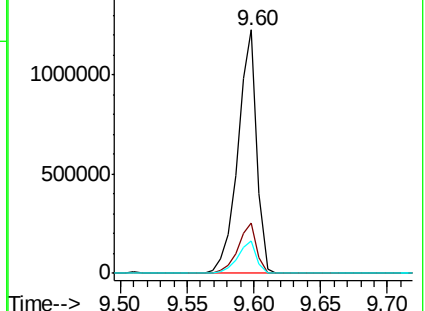
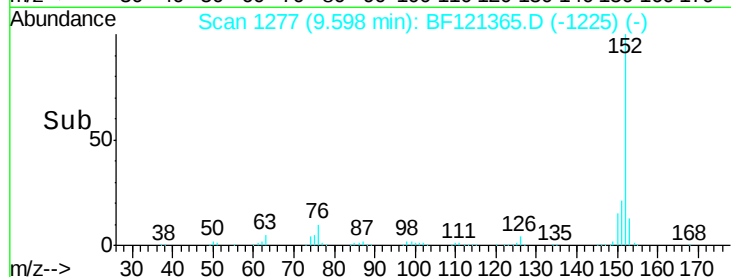
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 28.737 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

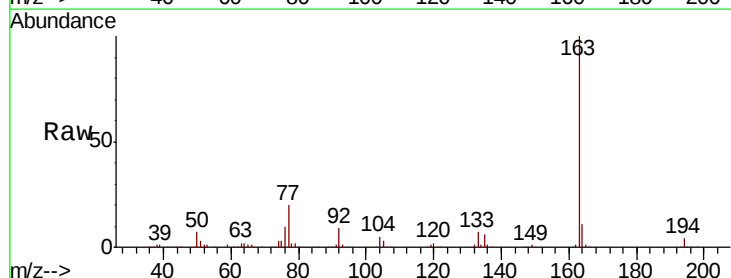
Tgt Ion:163 Resp: 936915

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

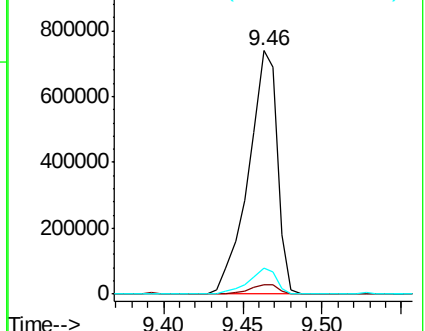
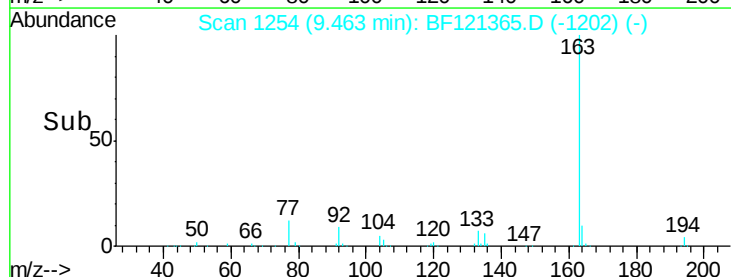
164 10.6 8.4 12.6

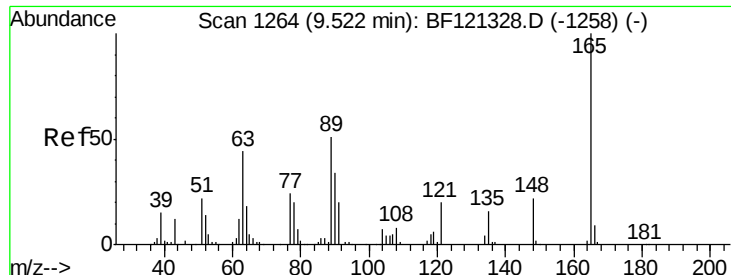


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 30.402 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

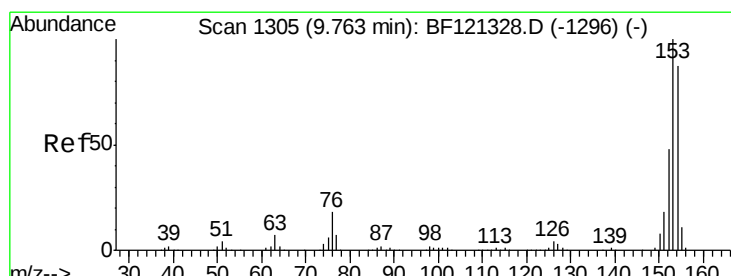
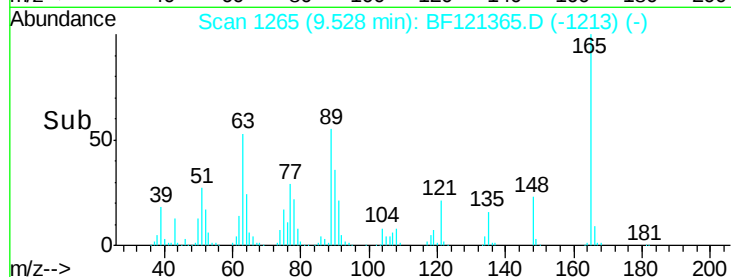
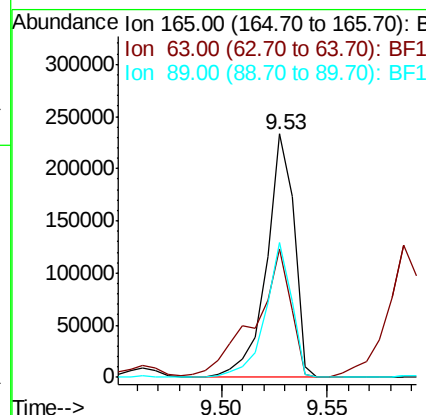
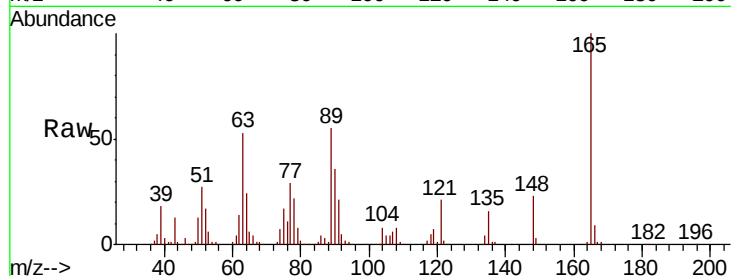
ClientSampleId :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 211684 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 52.5  | 38.5  | 57.7   |
| 89        | 55.3  | 41.2  | 61.8   |

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#52

Acenaphthene

Concen: 28.117 ng

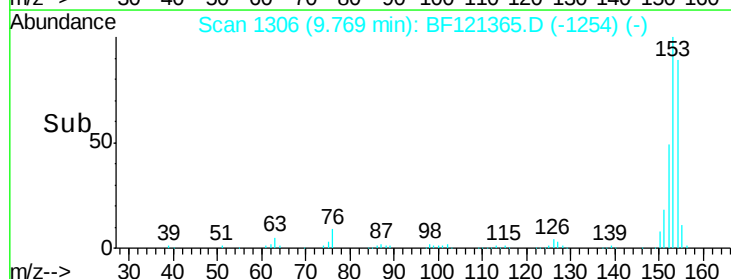
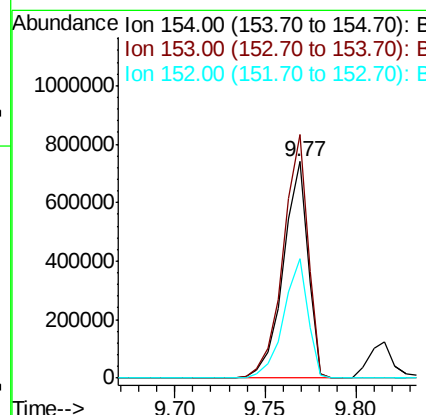
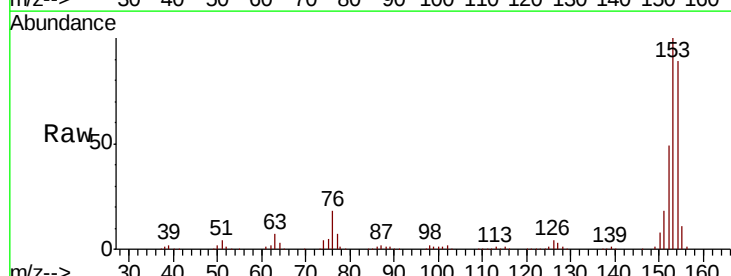
RT: 9.77 min Scan# 1306

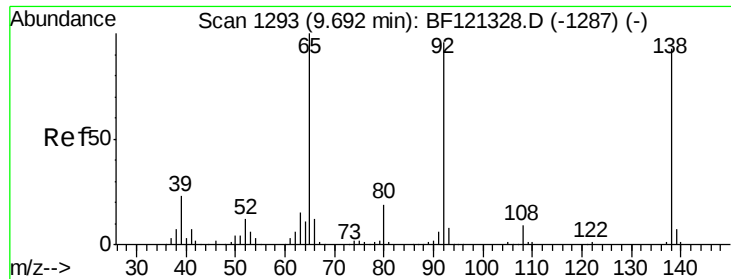
Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 702181 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.4 | 92.0  | 138.0  |
| 152       | 55.0  | 44.6  | 66.8   |





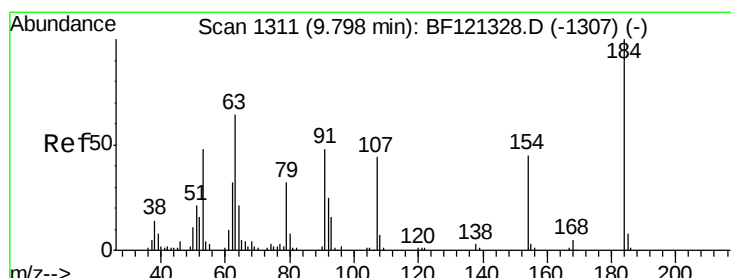
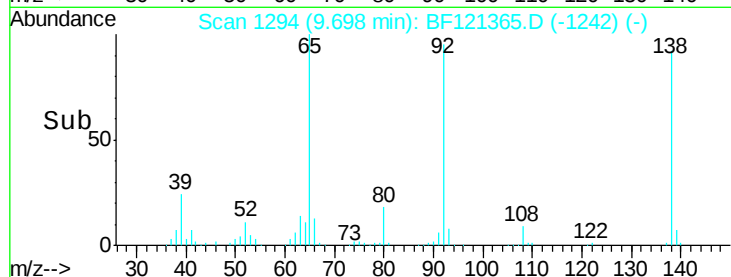
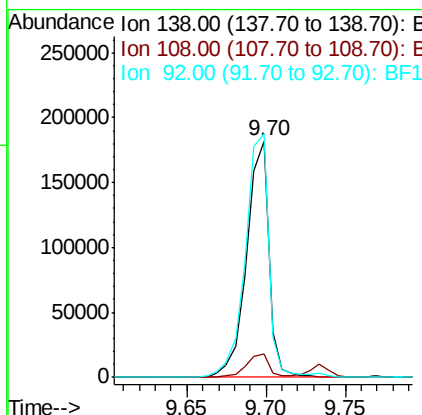
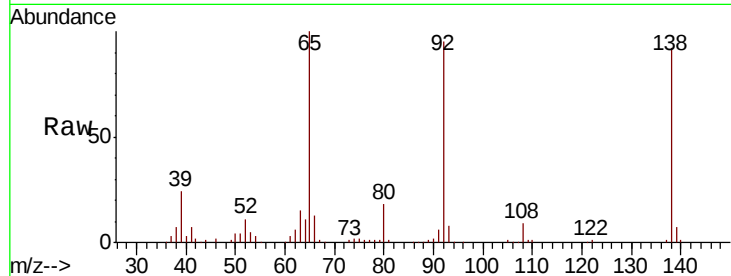
#53  
3-Nitroaniline  
Concen: 20.379 ng  
RT: 9.70 min Scan# 1294  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 7.5   | 11.3  |
| 92      | 103.2 | 83.0  | 124.4 |

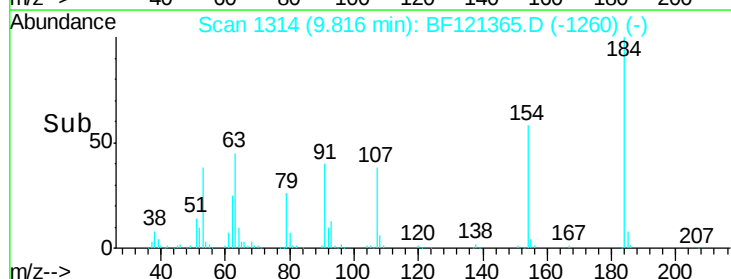
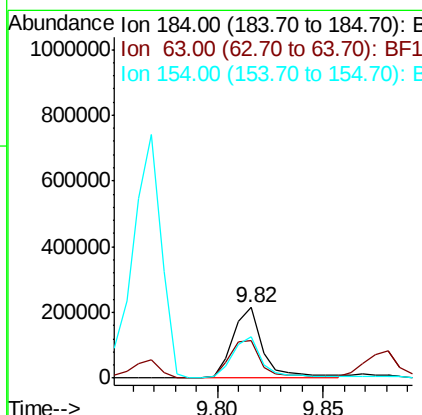
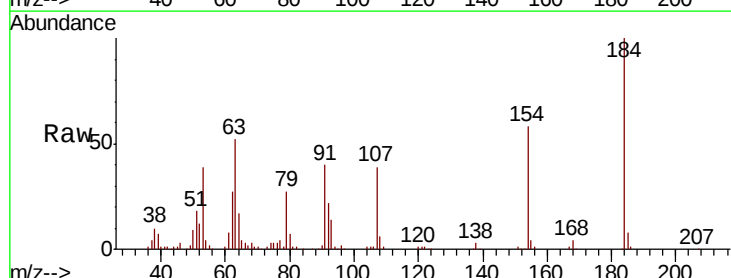
Manual Integrations  
APPROVED

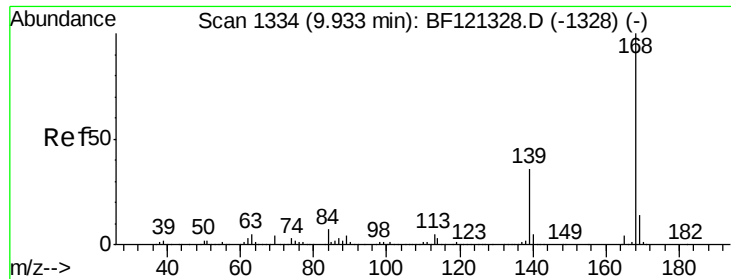
Sohil  
8/24/2020 1:50:03 PM



#54  
2,4-Dinitrophenol  
Concen: 63.558 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. 0.02 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 52.2  | 51.5  | 77.3  |
| 154     | 57.7  | 48.0  | 72.0  |





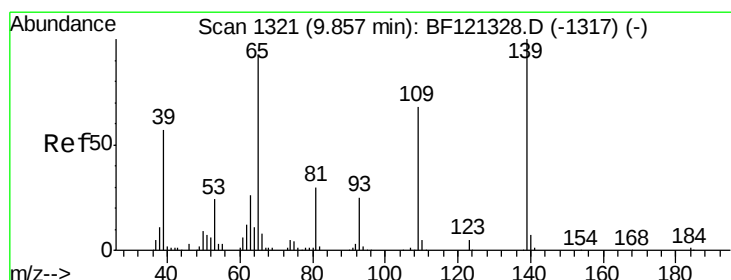
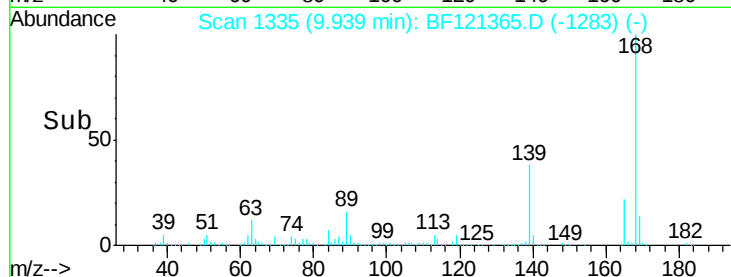
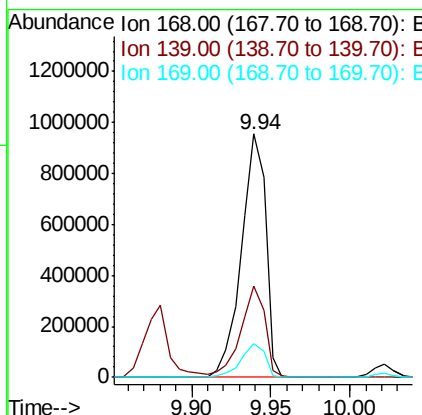
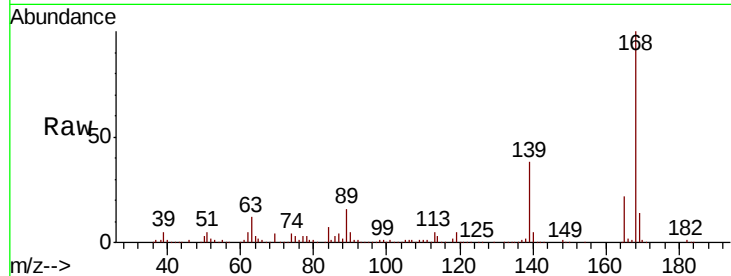
#55  
Dibenzofuran  
Concen: 30.037 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.6  | 29.1  | 43.7  |
| 169     | 13.7  | 11.0  | 16.6  |

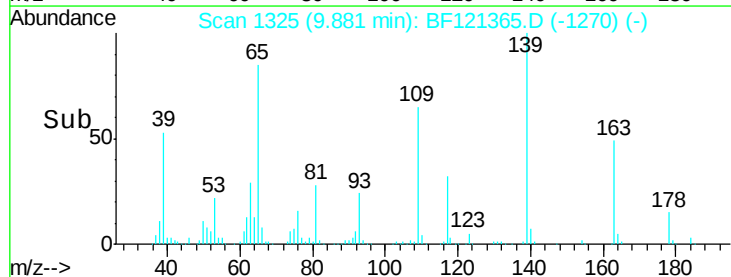
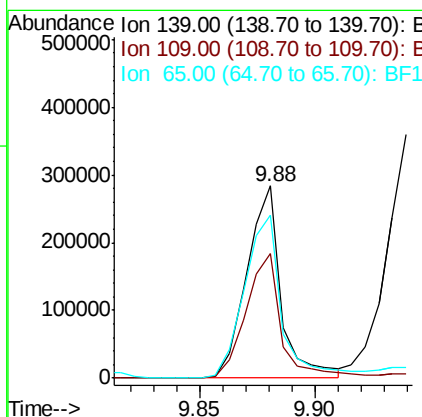
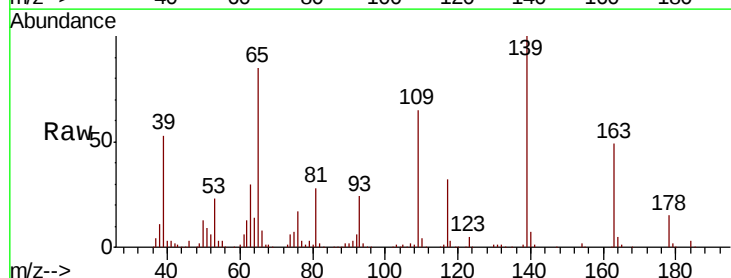
Manual Integrations  
APPROVED

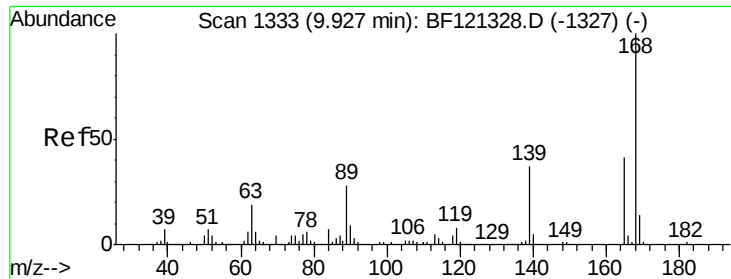
Sohil  
8/24/2020 1:50:03 PM



#56  
4-Nitrophenol  
Concen: 54.755 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.02 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.0  | 47.7  | 87.7  |
| 65      | 84.9  | 73.2  | 113.2 |





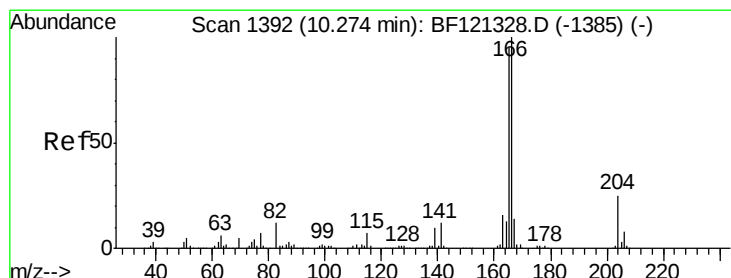
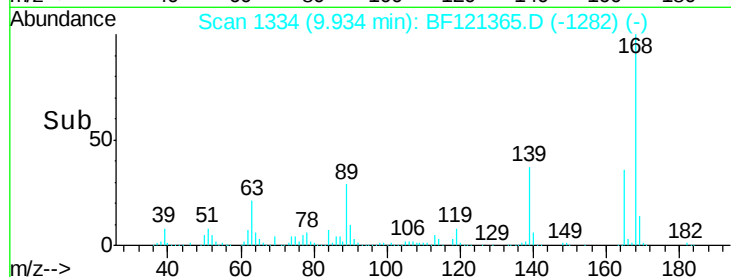
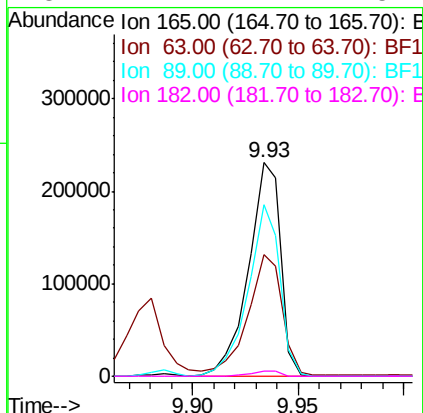
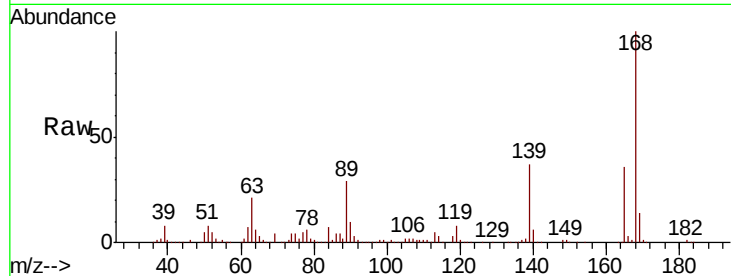
#57  
 2,4-Dinitrotoluene  
 Concen: 28.710 ng  
 RT: 9.93 min Scan# 1334  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 57.2  | 37.5       | 56.3#      |
| 89      | 80.1  | 54.2       | 81.4       |
| 182     | 2.4   | 2.2        | 3.4        |

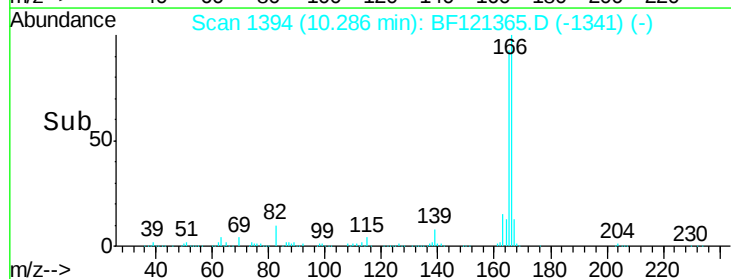
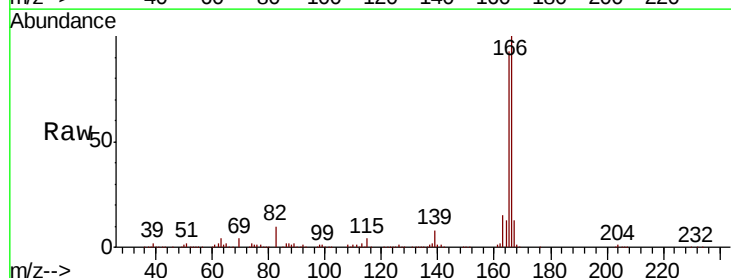
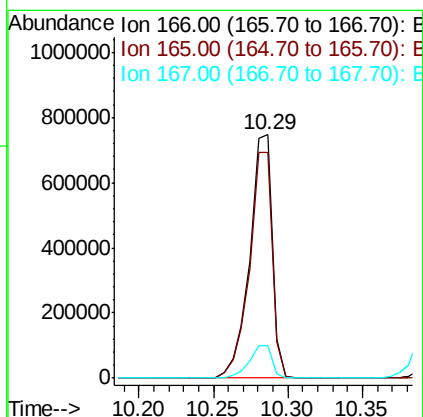
Manual Integrations  
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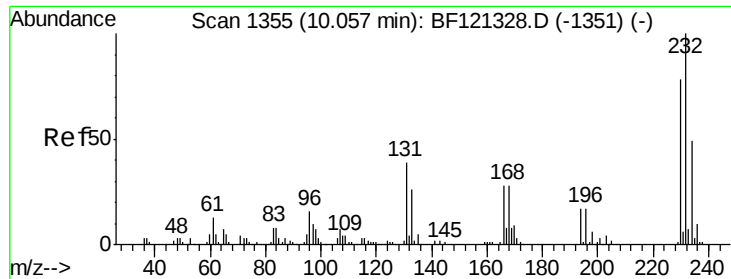
Sohil  
 8/24/2020 1:50:03 PM



#58  
 Fluorene  
 Concen: 31.350 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 92.5  | 75.8       | 113.8      |
| 167     | 13.3  | 11.0       | 16.4       |





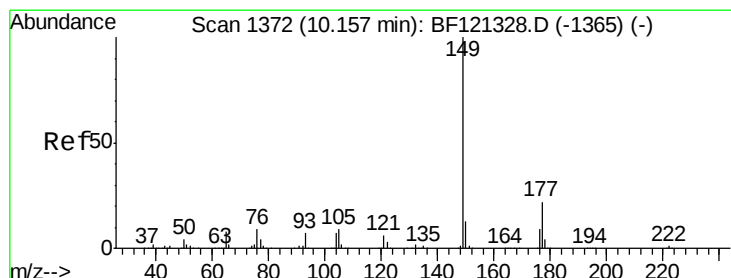
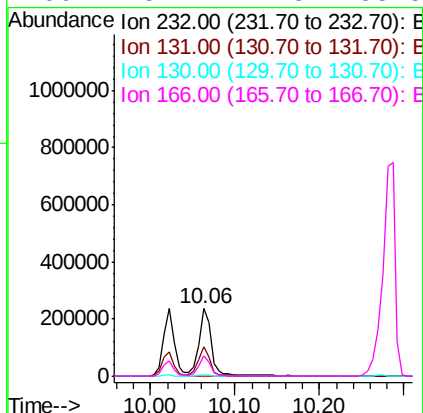
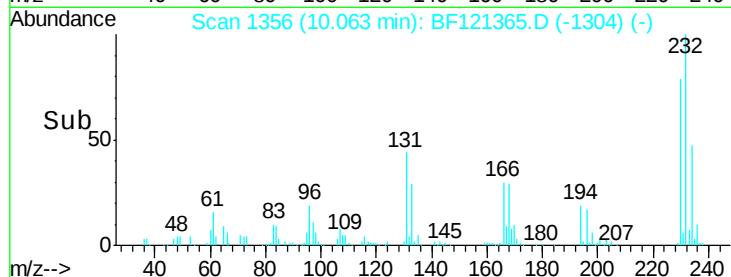
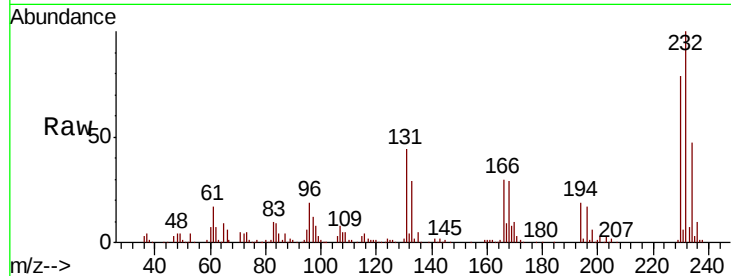
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 29.929 ng  
 RT: 10.06 min Scan# 1356  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.9  | 34.2  | 51.4  |
| 130     | 2.1   | 1.7   | 2.5   |
| 166     | 28.4  | 22.3  | 33.5  |

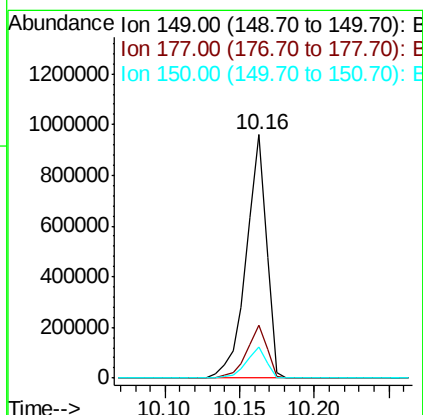
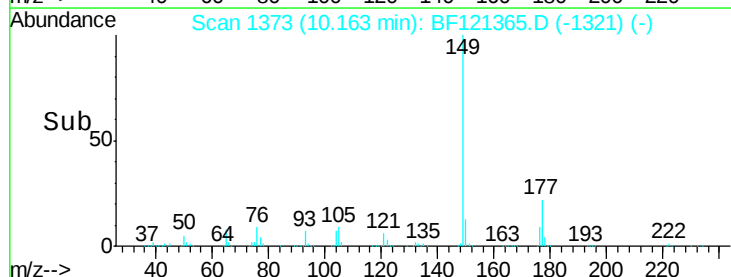
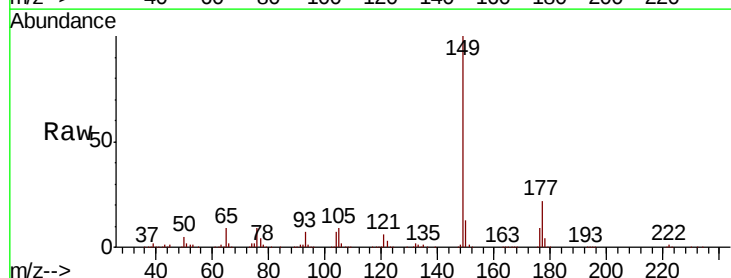
Manual Integrations  
 APPROVED

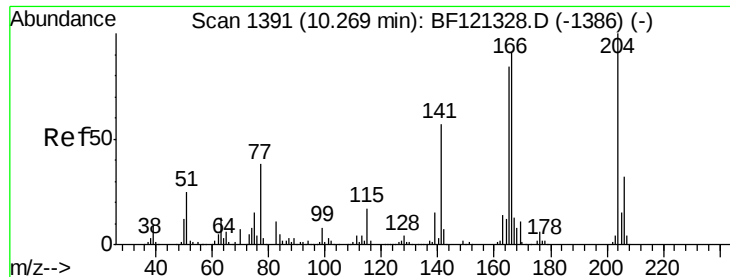
Sohil  
 8/24/2020 1:50:03 PM



#60  
 Diethylphthalate  
 Concen: 28.274 ng  
 RT: 10.16 min Scan# 1373  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.6  | 26.4  |
| 150     | 12.8  | 10.1  | 15.1  |





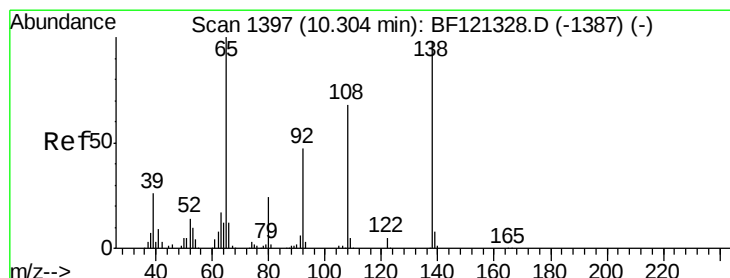
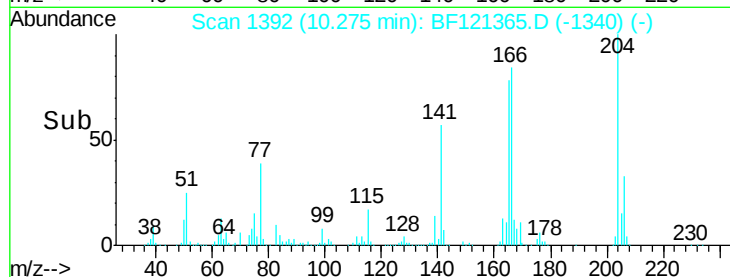
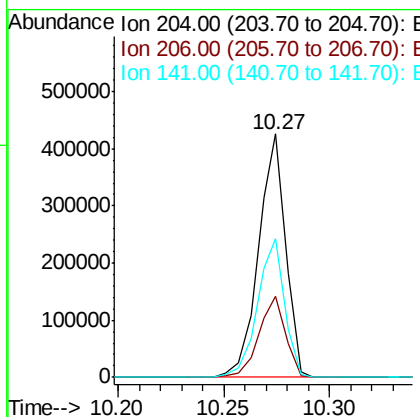
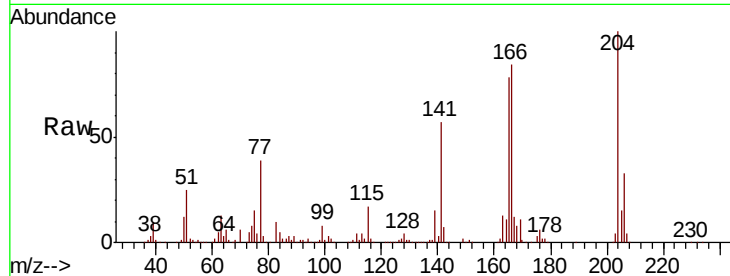
#61  
4-Chlorophenyl-phenylether  
Concen: 30.083 ng  
RT: 10.27 min Scan# 1392  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 25.9  | 38.9  |
| 141     | 56.9  | 45.5  | 68.3  |

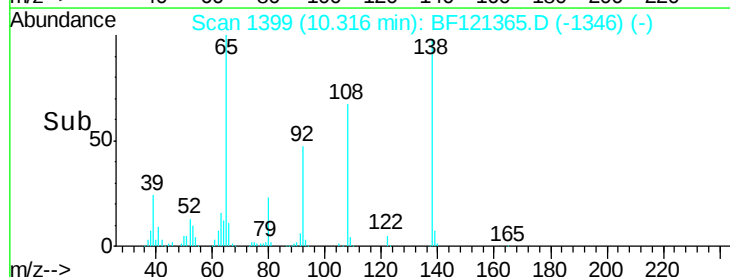
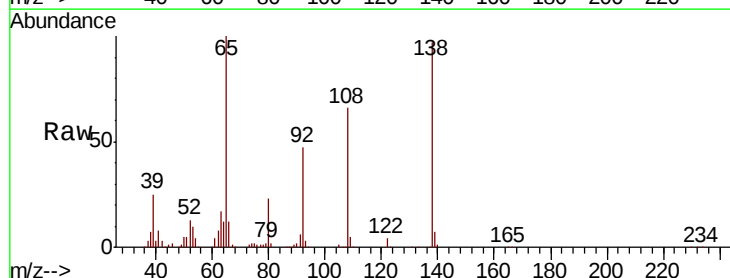
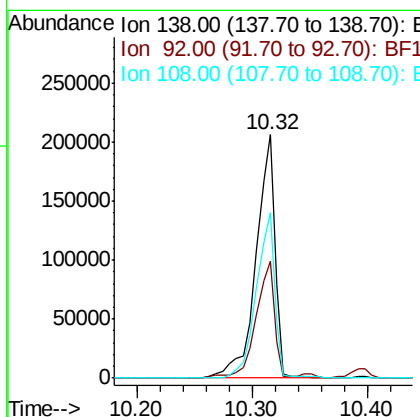
Manual Integrations  
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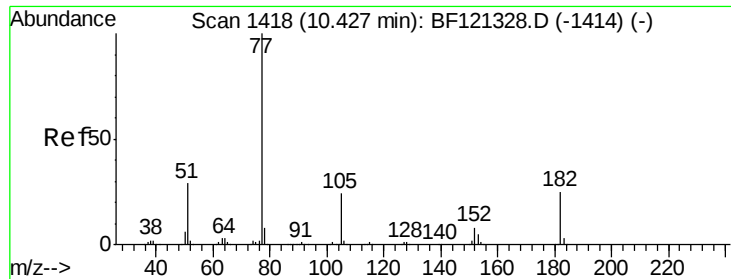
Sohil  
8/24/2020 1:50:03 PM



#62  
4-Nitroaniline  
Concen: 26.824 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.2  | 28.1  | 68.1  |
| 108     | 68.2  | 49.5  | 89.5  |





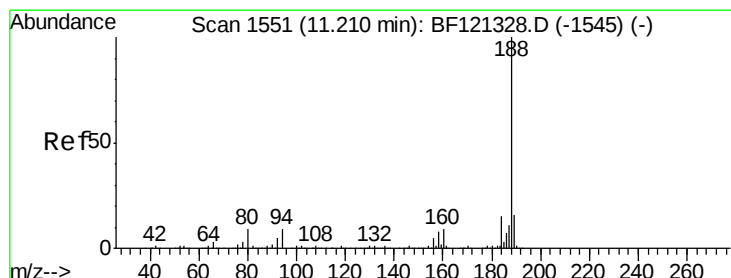
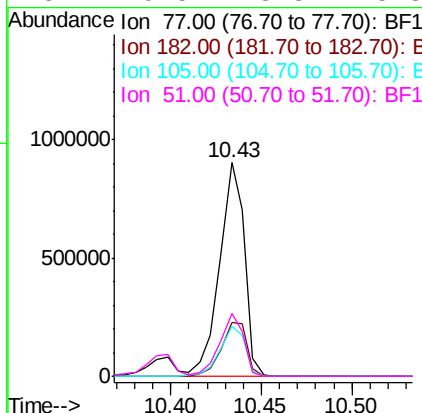
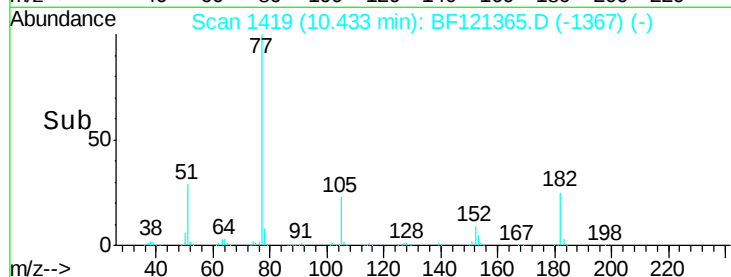
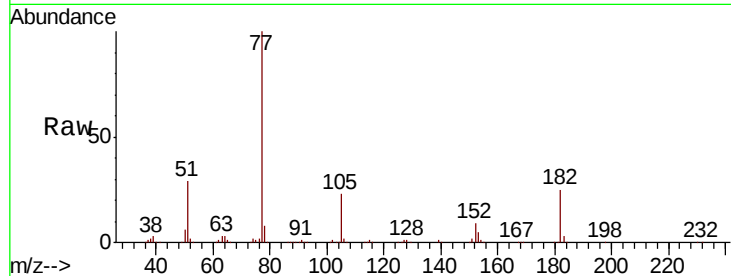
#63  
Azobenzene  
Concen: 28.904 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 854702 |       |       |
| 182     | 25.2 | 5.0   | 45.0   |       |       |
| 105     | 23.2 | 3.6   | 43.6   |       |       |
| 51      | 29.5 | 8.8   | 48.8   |       |       |

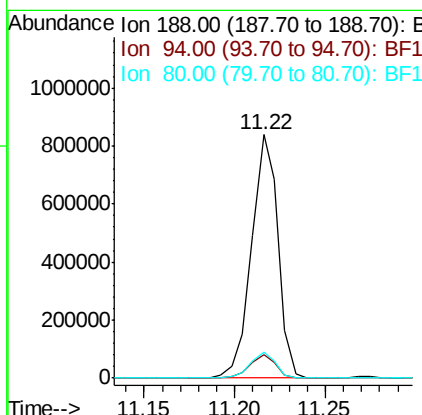
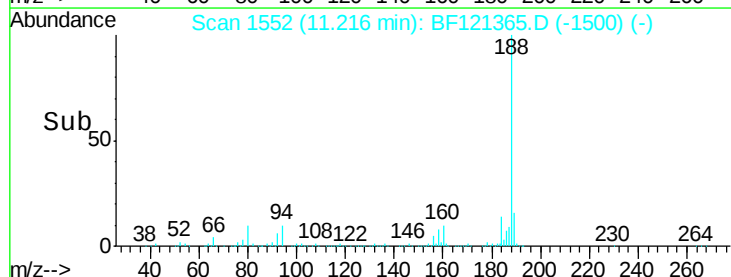
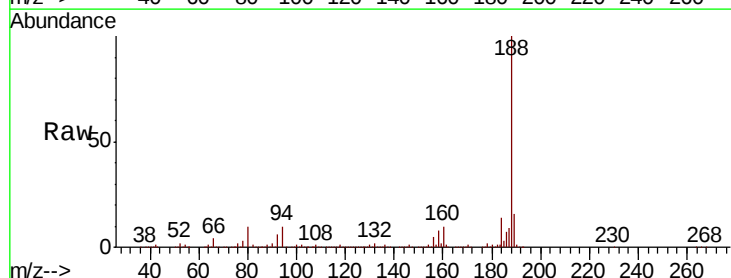
Manual Integrations  
APPROVED

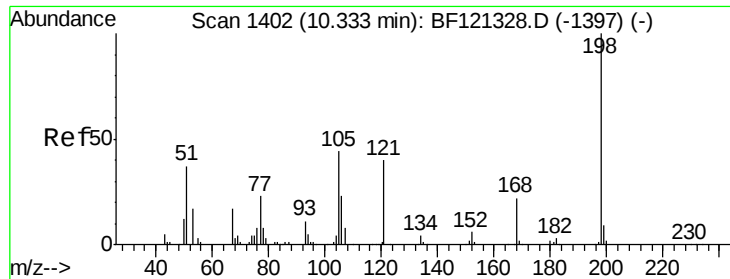
Sohil  
8/24/2020 1:50:03 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.22 min Scan# 1552  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 188     | 100  |       | 849697 |       |       |
| 94      | 9.9  | 7.2   | 10.8   |       |       |
| 80      | 10.5 | 7.4   | 11.0   |       |       |





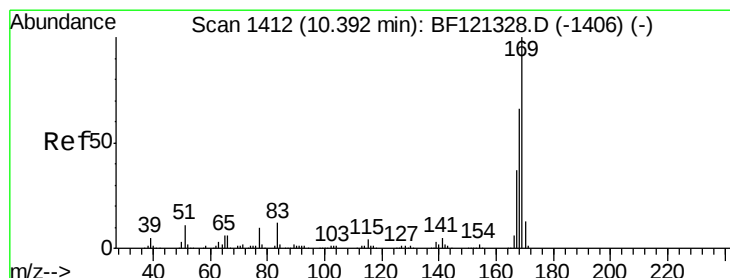
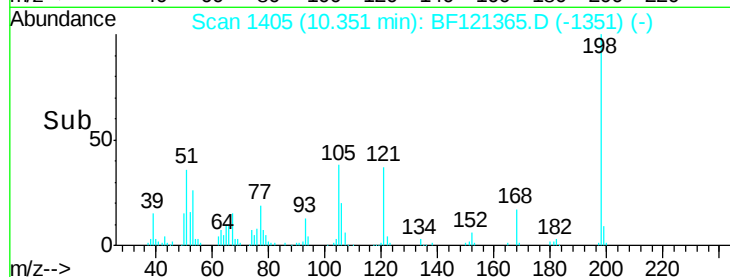
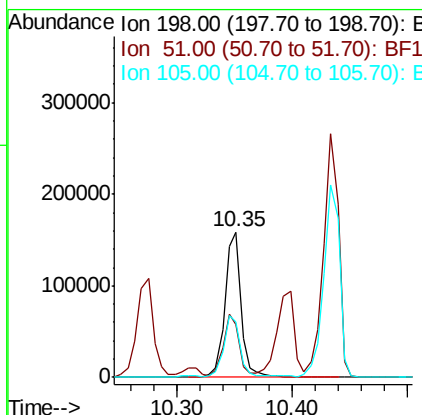
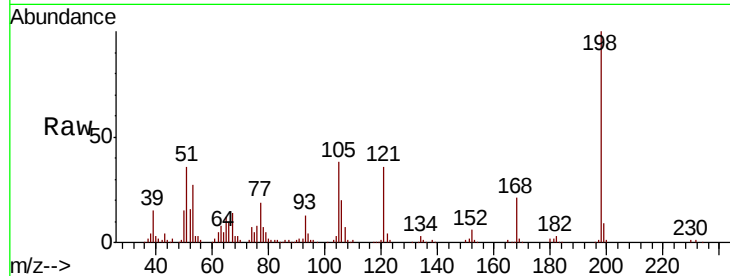
#65  
4,6-Dinitro-2-methylphenol  
Concen: 34.125 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. 0.02 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 155068 |       |       |
| 51      | 36.0  | 25.5   | 65.5  |       |
| 105     | 38.1  | 24.9   | 64.9  |       |

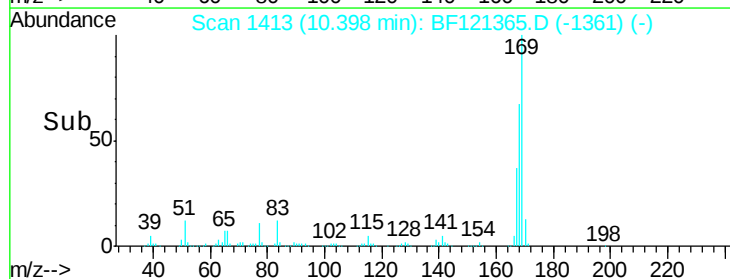
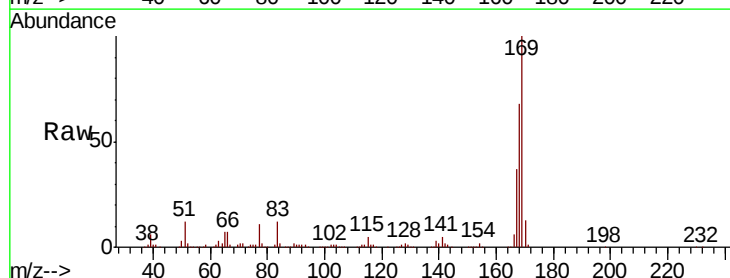
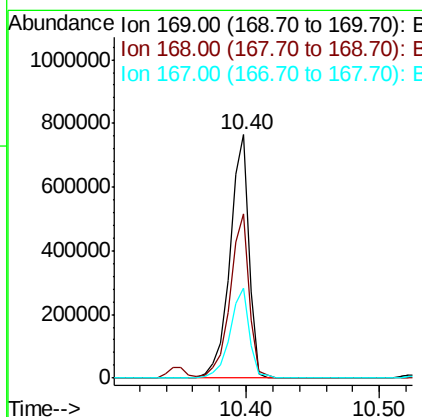
Manual Integrations  
APPROVED

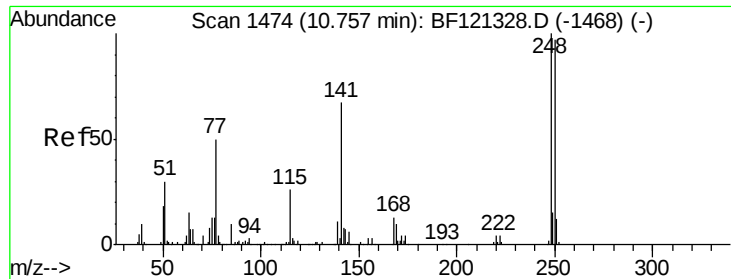
Sohil  
8/24/2020 1:50:03 PM



#66  
n-Nitrosodiphenylamine  
Concen: 29.245 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 766504 |       |       |
| 168     | 67.6  | 53.0   | 79.6  |       |
| 167     | 37.0  | 29.5   | 44.3  |       |





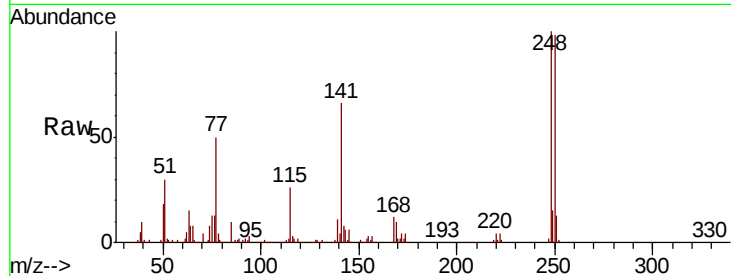
#67  
4-Bromophenyl-phenylether  
Concen: 28.588 ng  
RT: 10.76 min Scan# 1475  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.7  | 77.9  | 116.9 |
| 141     | 66.4  | 53.5  | 80.3  |

Manual Integrations  
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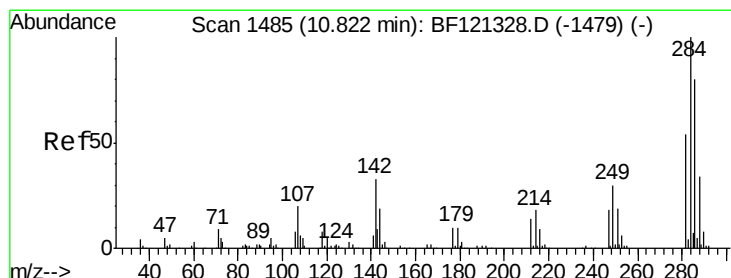
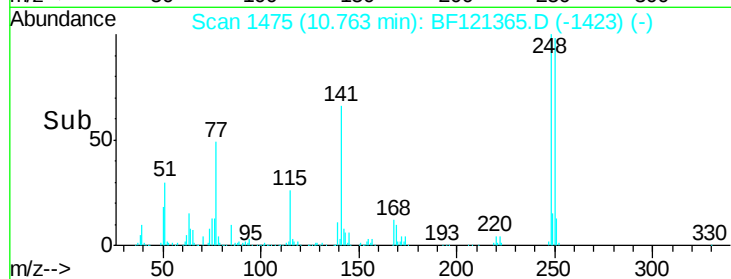
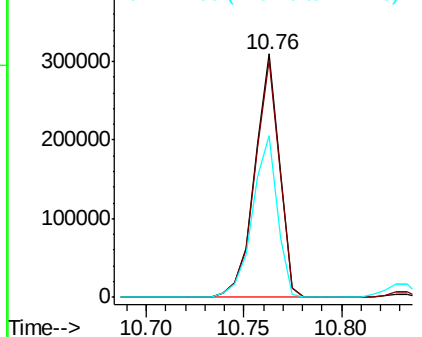


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 27.551 ng  
RT: 10.83 min Scan# 1487  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

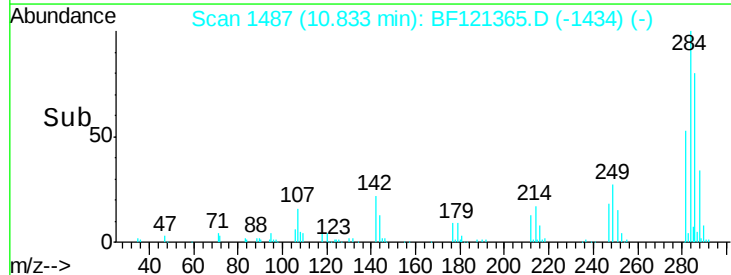
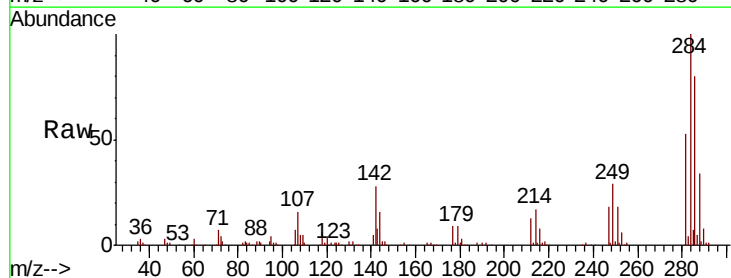
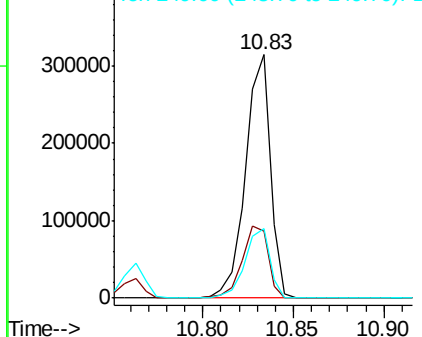
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.7  | 26.1  | 39.1  |
| 249     | 28.7  | 24.0  | 36.0  |

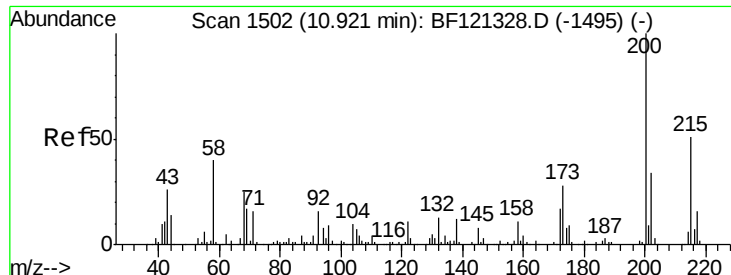
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





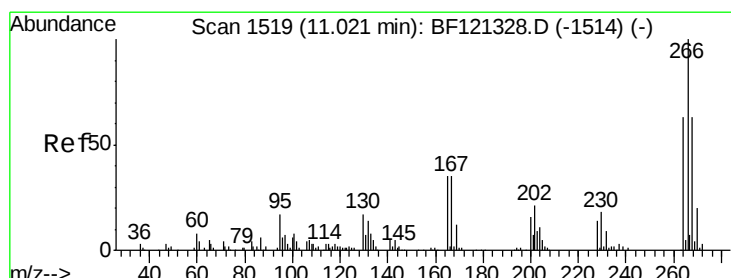
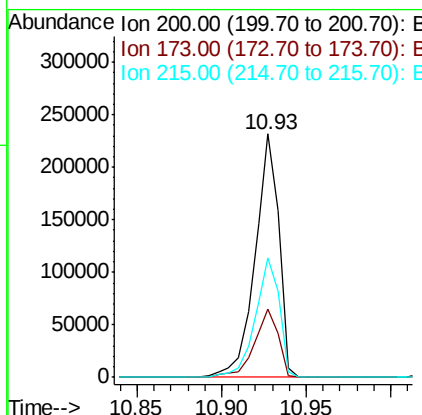
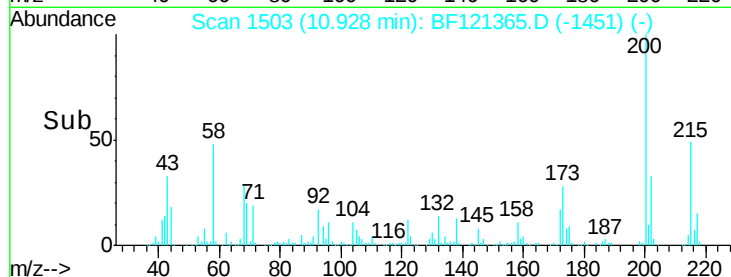
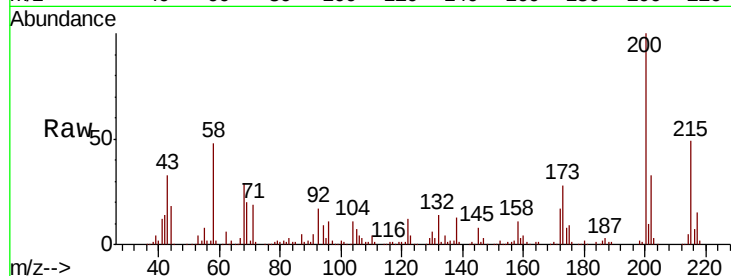
#69  
 Atrazine  
 Concen: 28.045 ng  
 RT: 10.93 min Scan# 1503  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.0  | 7.8        | 47.8  |
| 215     | 49.2  | 30.5       | 70.5  |

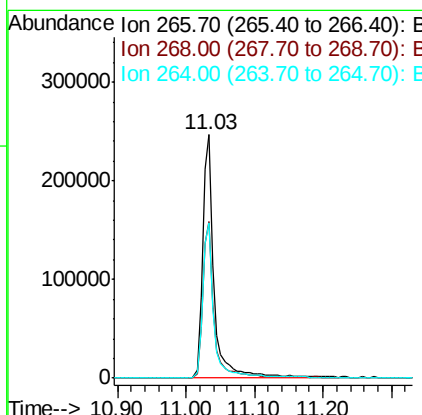
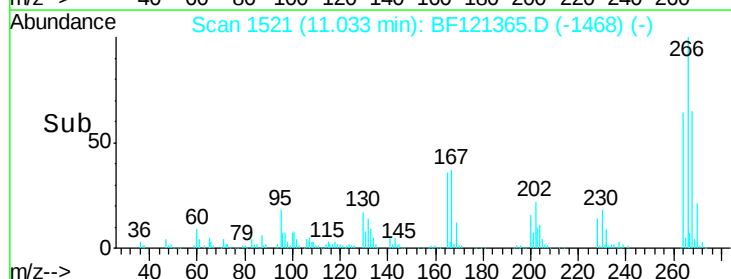
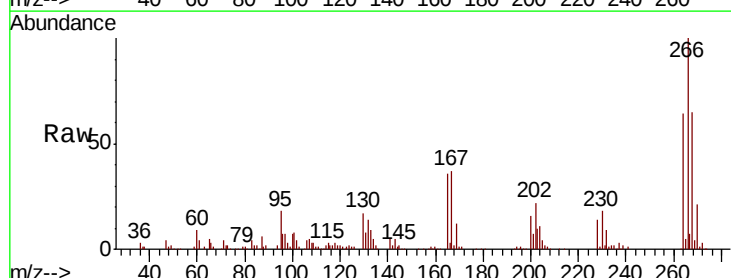
Manual Integrations  
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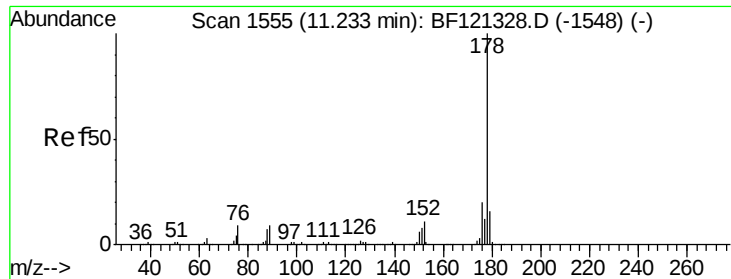
Sohil  
 8/24/2020 1:50:03 PM



#70  
 Pentachlorophenol  
 Concen: 61.735 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.5  | 50.6       | 75.8  |
| 264     | 63.7  | 50.5       | 75.7  |





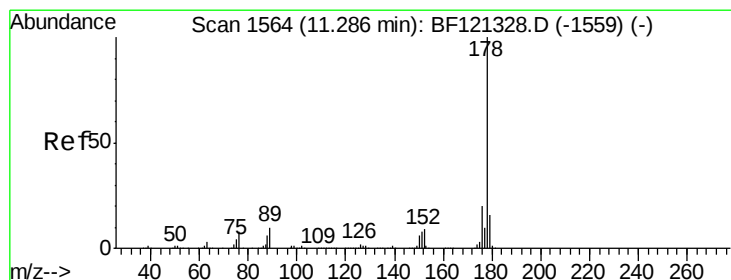
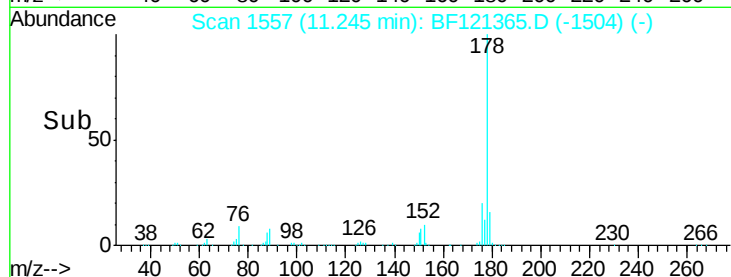
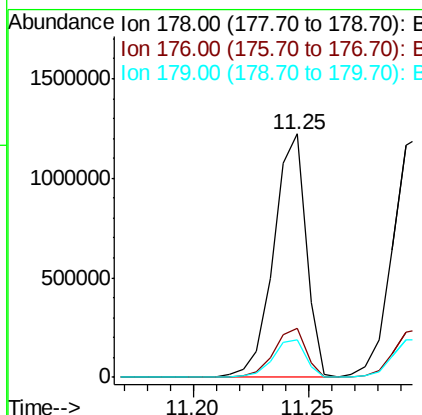
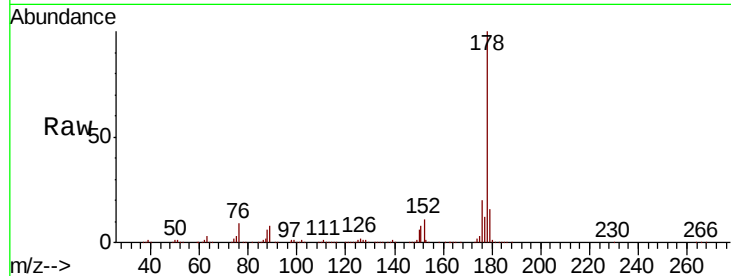
#71  
Phenanthrene  
Concen: 27.149 ng  
RT: 11.25 min Scan# 1557  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 16.0  | 24.0  |
| 179     | 15.6  | 12.8  | 19.2  |

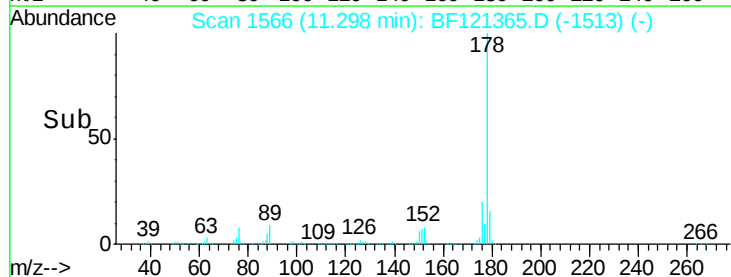
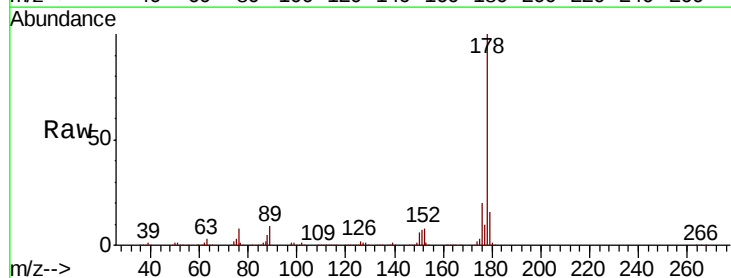
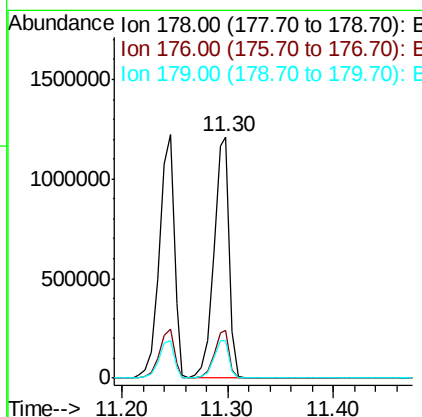
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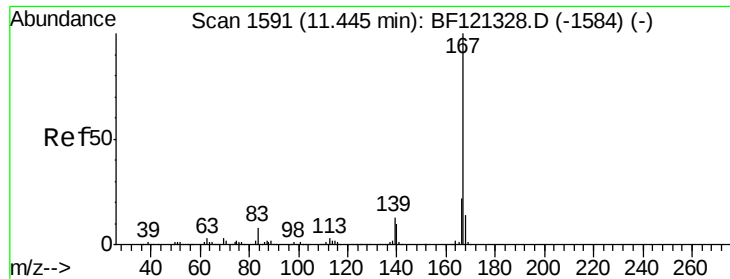
Sohil  
8/24/2020 1:50:03 PM



#72  
Anthracene  
Concen: 29.368 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.6  | 23.4  |
| 179     | 15.8  | 12.8  | 19.2  |





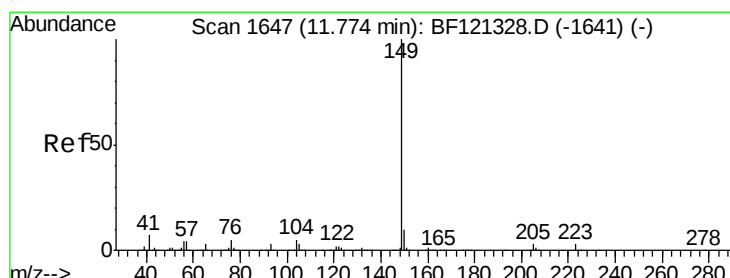
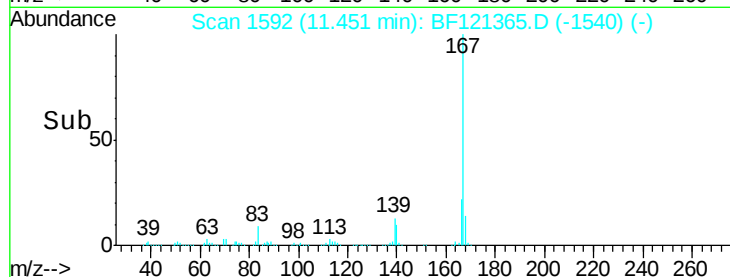
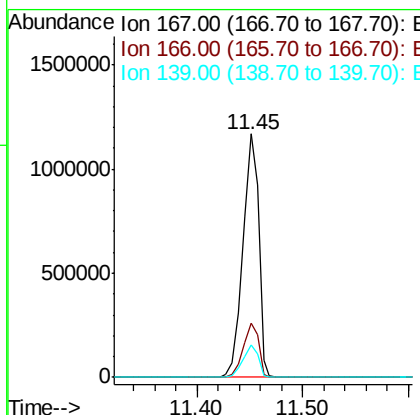
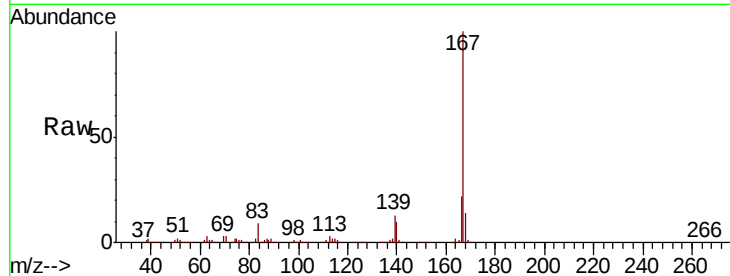
#73  
 Carbazole  
 Concen: 29.423 ng  
 RT: 11.45 min Scan# 1592  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 17.7  | 26.5  |
| 139     | 13.2  | 10.2  | 15.2  |

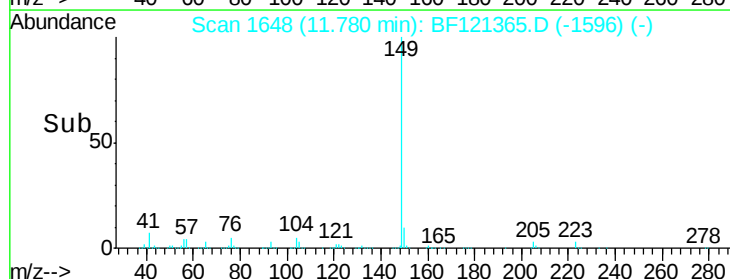
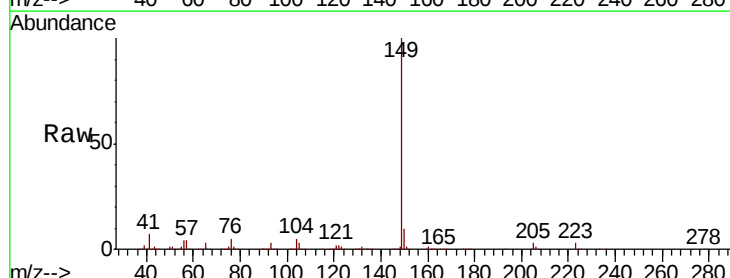
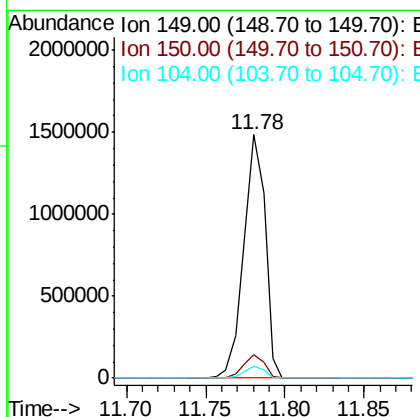
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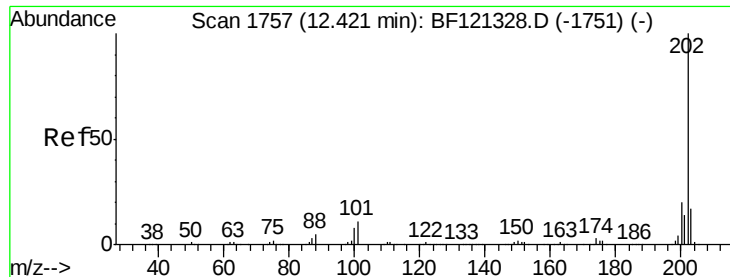
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 8/24/2020 1:50:03 PM



#74  
 Di-n-butylphthalate  
 Concen: 28.557 ng  
 RT: 11.78 min Scan# 1648  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.7   | 11.5  |
| 104     | 4.9   | 3.9   | 5.9   |





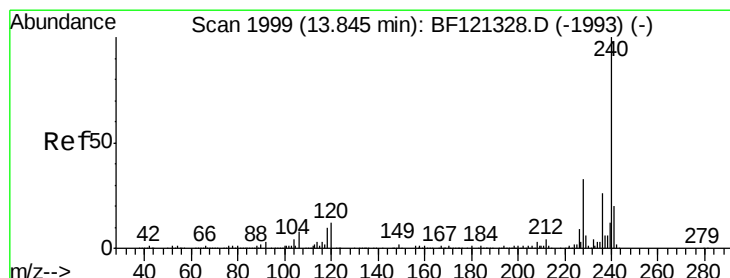
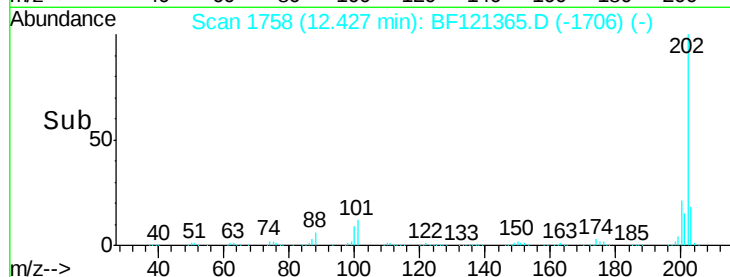
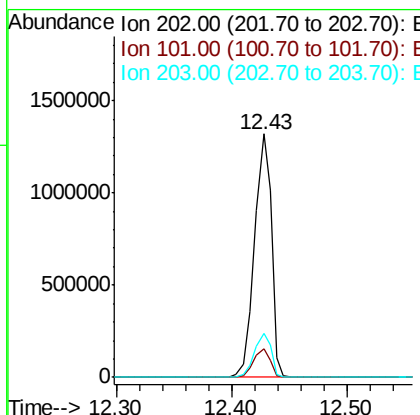
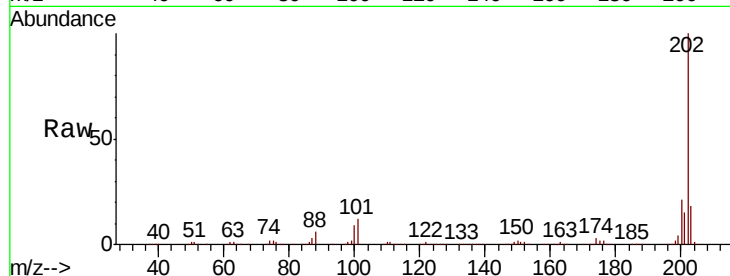
#75  
 Fluoranthene  
 Concen: 28.159 ng  
 RT: 12.43 min Scan# 1758  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.7  | 0.0   | 30.6  |
| 203     | 18.3  | 0.0   | 37.5  |

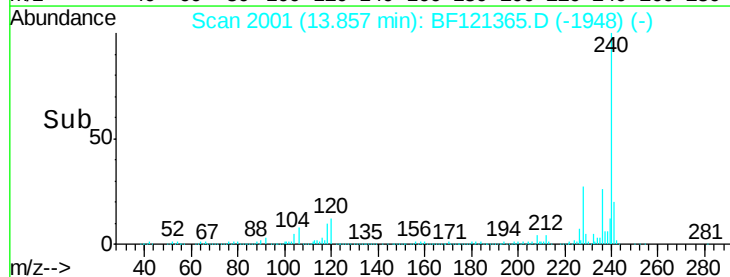
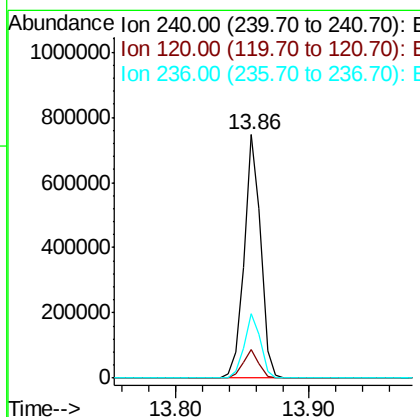
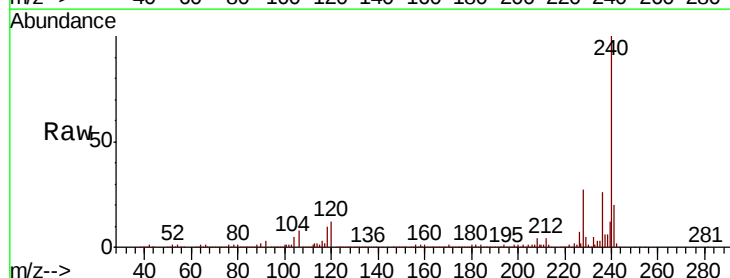
Manual Integrations  
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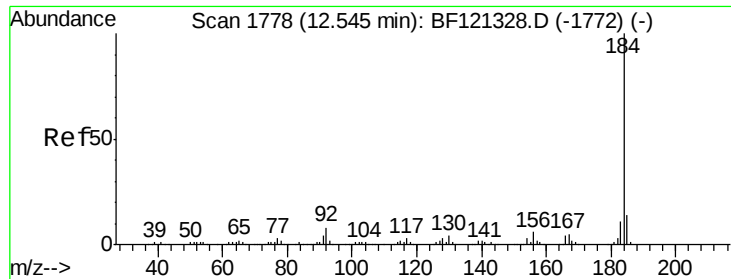
Sohil  
 8/24/2020 1:50:03 PM



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.8  | 9.6   | 14.4  |
| 236     | 26.4  | 20.6  | 31.0  |





#77

Benzidine

Concen: 45.954 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

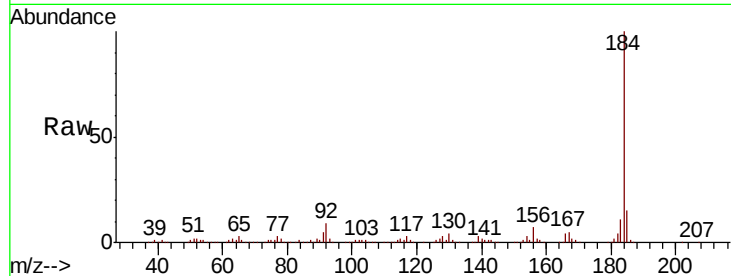
ClientSampleId :

PB131076BS

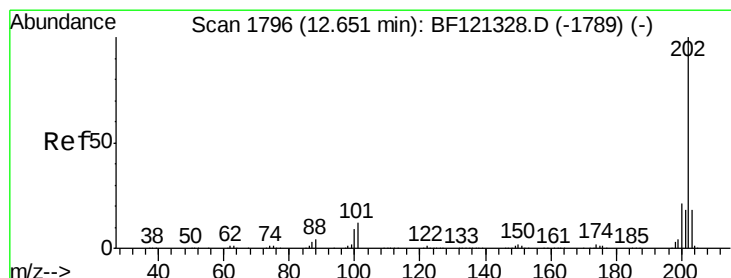
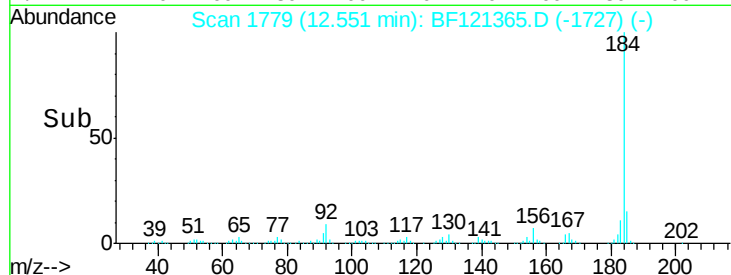
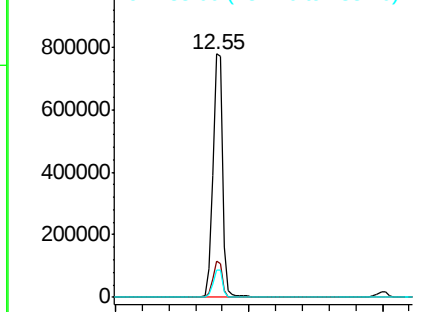
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 804923 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.8  | 11.6  | 17.4   |
| 183       | 11.2  | 8.7   | 13.1   |

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



#78

Pyrene

Concen: 28.499 ng

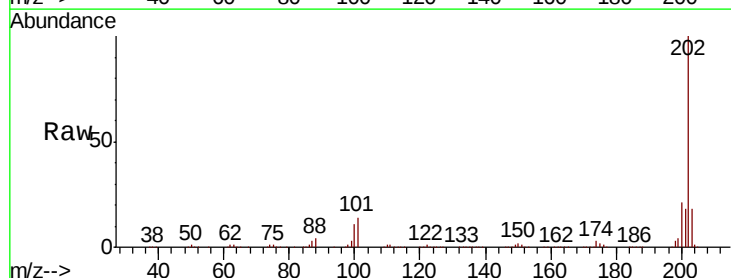
RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

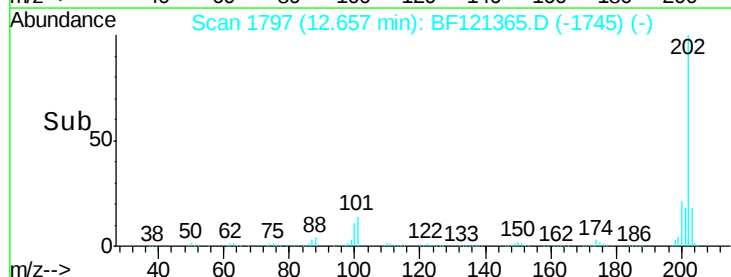
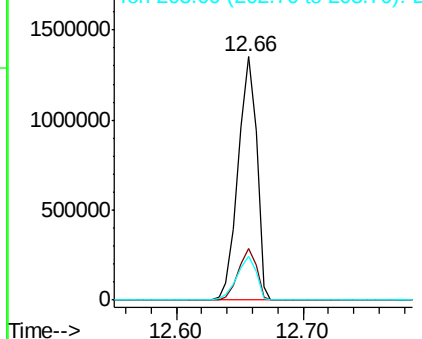
Lab File: BF121365.D

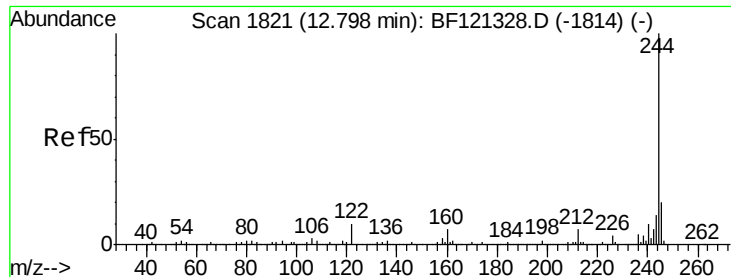
Acq: 21 Aug 2020 13:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1361061 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.1  | 16.6  | 24.8    |
| 203       | 17.9  | 14.2  | 21.2    |



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





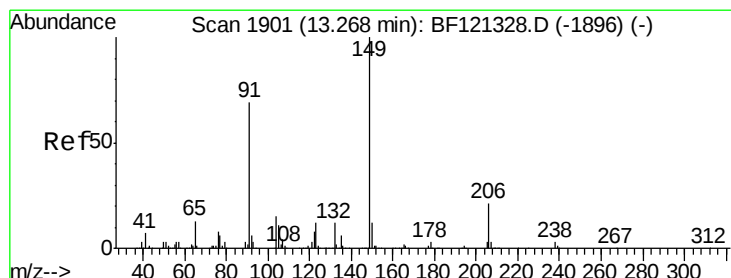
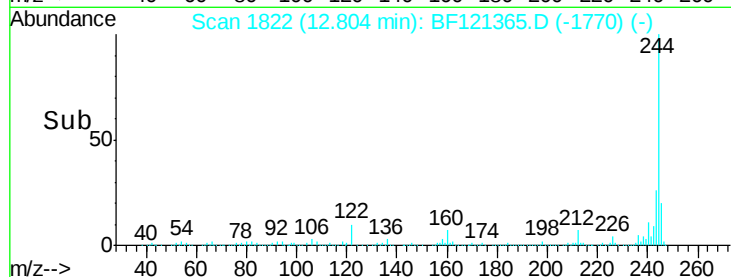
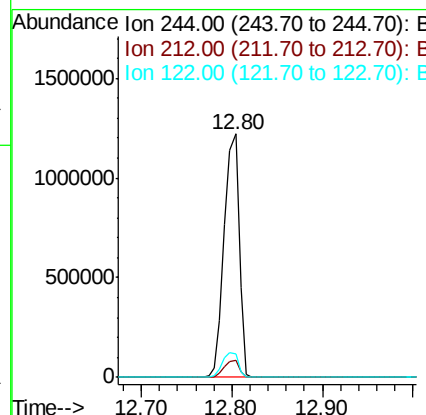
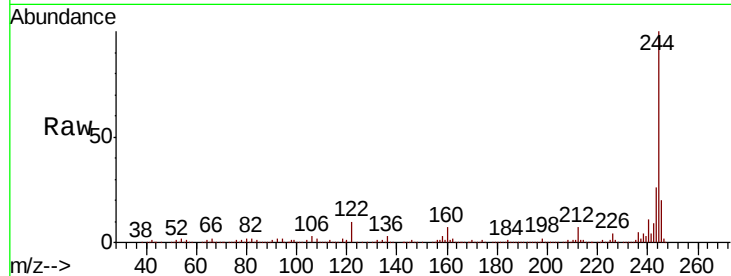
#79  
 Terphenyl-d14  
 Concen: 42.859 ng  
 RT: 12.80 min Scan# 1822  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.4   | 8.0   |
| 122     | 9.8   | 7.8   | 11.8  |

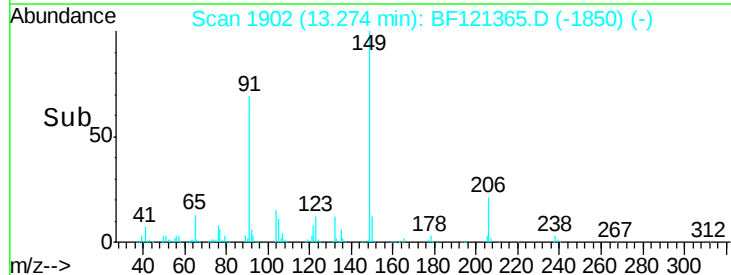
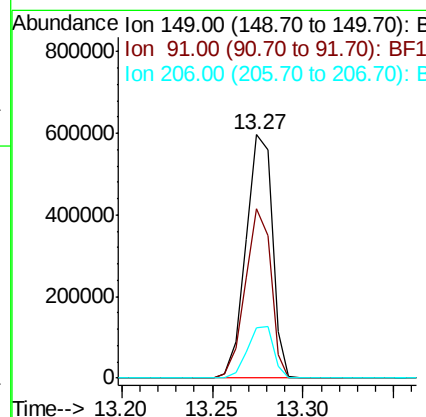
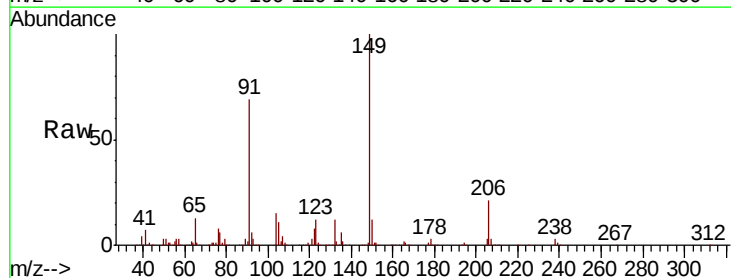
Manual Integrations  
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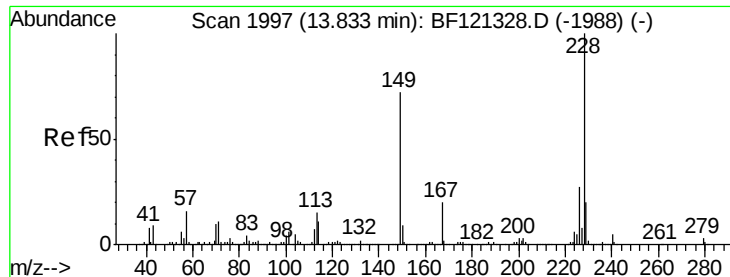
Sohil  
 8/24/2020 1:50:03 PM



#80  
 Butylbenzylphthalate  
 Concen: 29.583 ng  
 RT: 13.27 min Scan# 1902  
 Delta R.T. 0.01 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.5  | 55.2  | 82.8  |
| 206     | 20.7  | 16.8  | 25.2  |





#81

Benzo(a)anthracene

Concen: 26.938 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

ClientSampleId :

PB131076BS

Tot Ion:228 Resp: 1063742

Ion Ratio Lower Upper

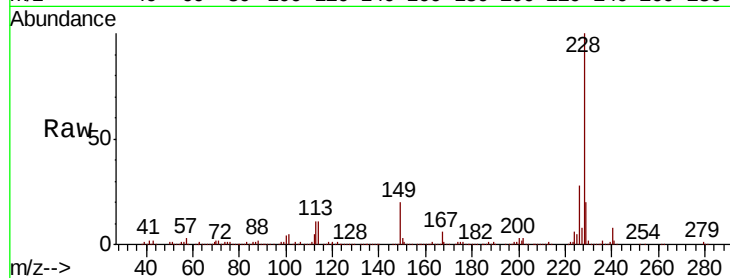
228 100

226 28.5 21.8 32.6

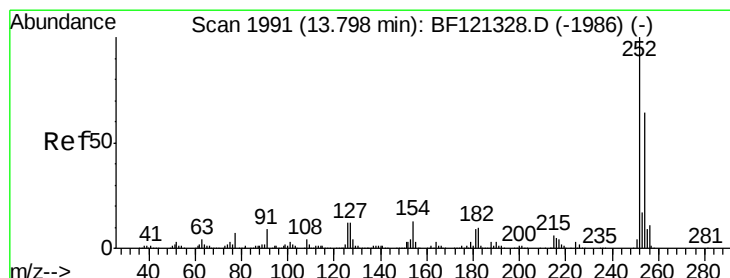
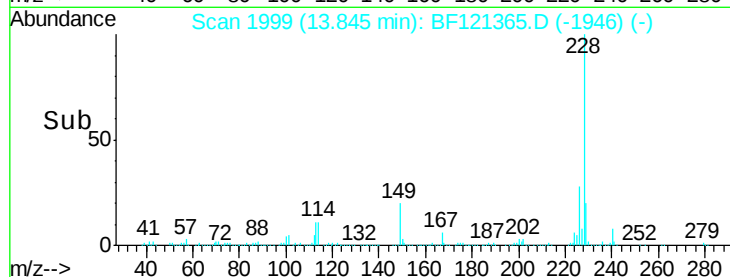
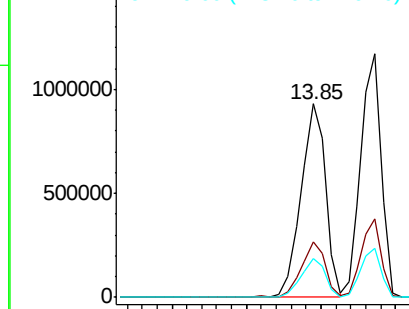
229 20.3 15.8 23.8

Manual Integrations  
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8/24/2020 1:50:03 PM



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: 23.942 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

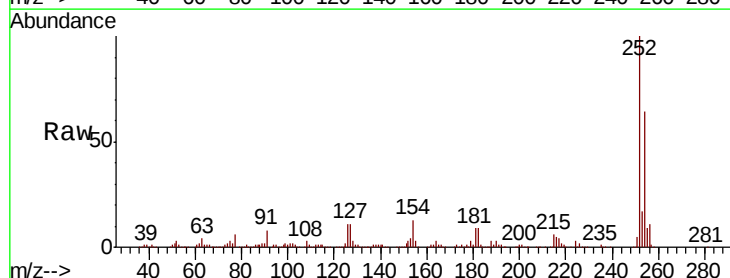
Tgt Ion:252 Resp: 362996

Ion Ratio Lower Upper

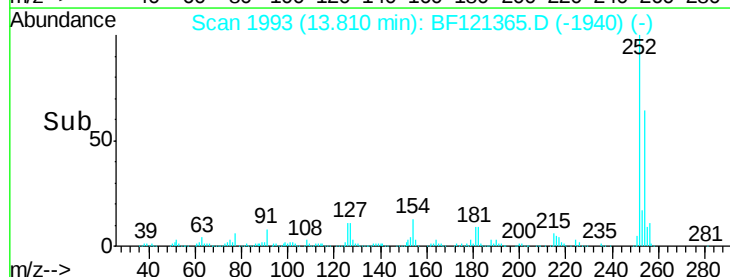
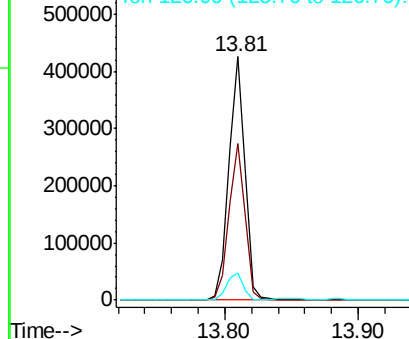
252 100

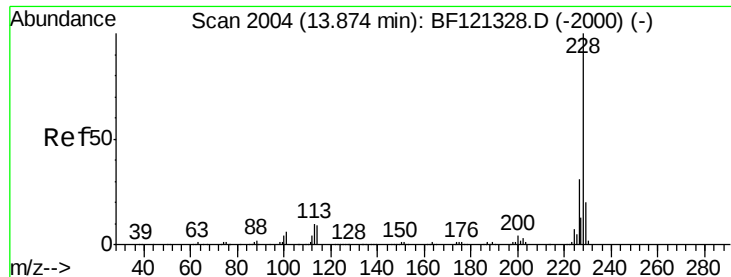
254 64.4 51.5 77.3

126 11.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





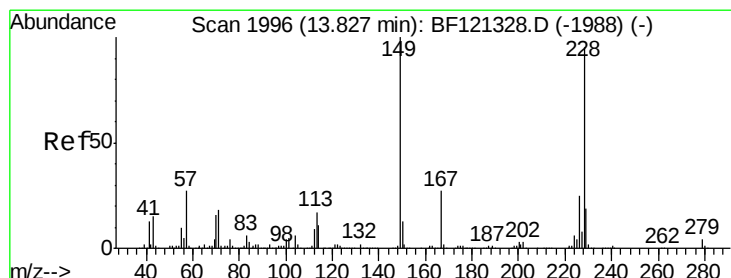
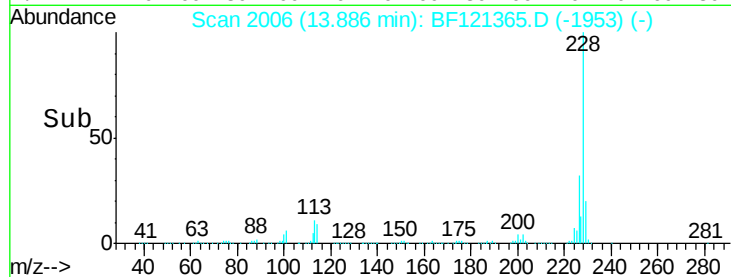
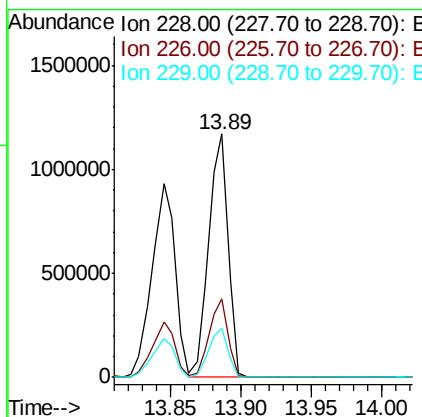
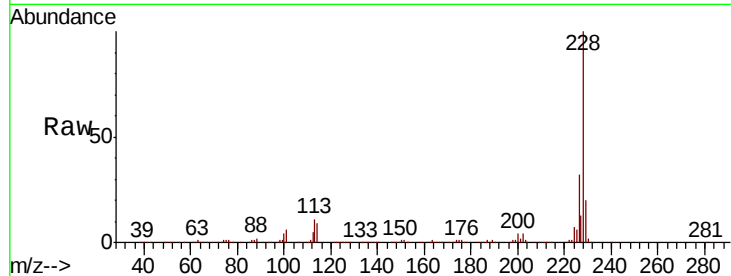
#83  
Chrysene  
Concen: 27.652 ng  
RT: 13.89 min Scan# 2006  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB131076BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 228     | 100  |       |       |       |
| 226     | 32.1 | 24.6  | 36.8  |       |
| 229     | 20.4 | 15.9  | 23.9  |       |

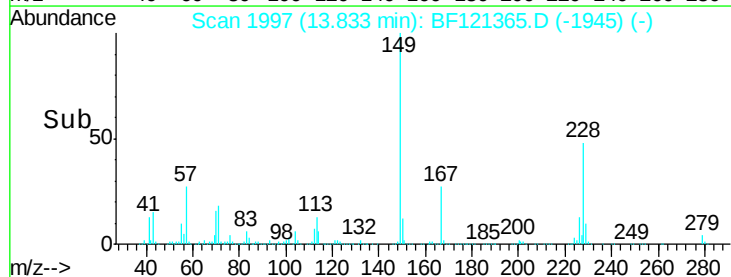
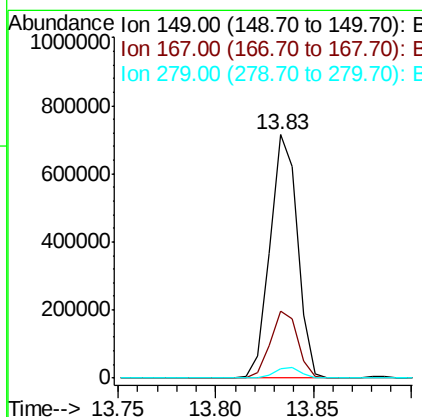
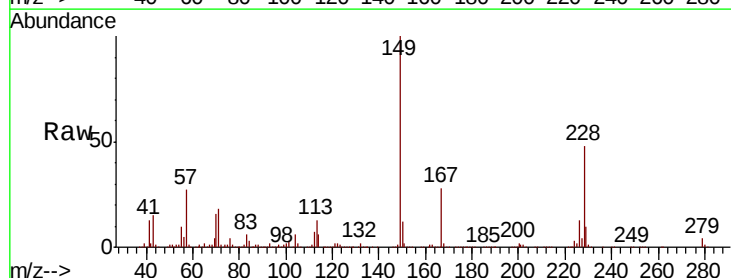
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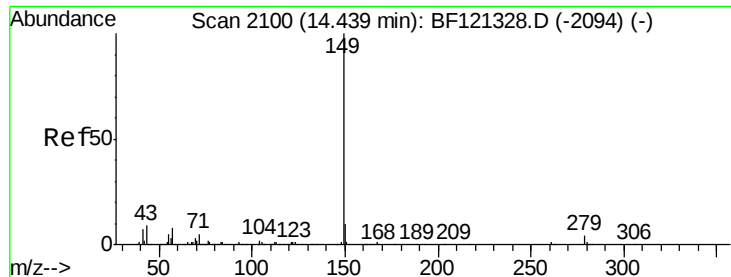
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 28.936 ng  
RT: 13.83 min Scan# 1997  
Delta R.T. 0.01 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 149     | 100  |       |       |       |
| 167     | 27.5 | 21.5  | 32.3  |       |
| 279     | 3.8  | 2.9   | 4.3   |       |





#85

Di-n-octyl phthalate

Concen: 30.151 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

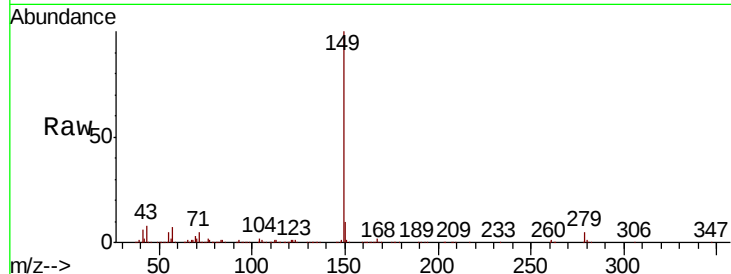
ClientSampleId :

PB131076BS

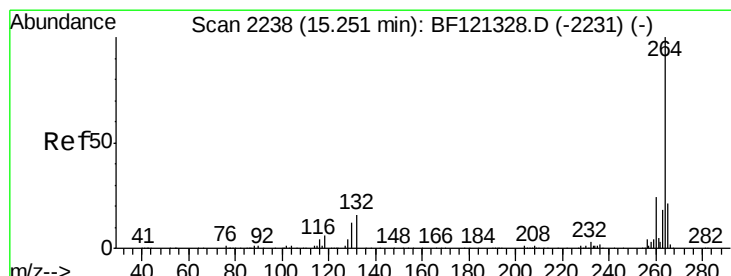
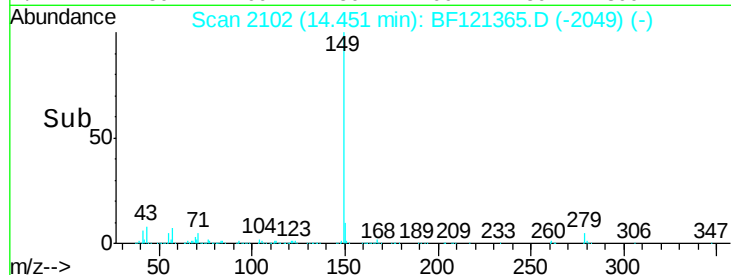
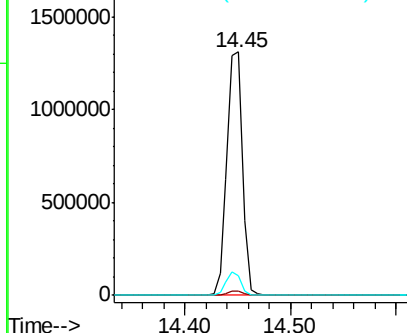
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 1346558 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 1.6   | 1.2   | 1.8     |
| 43       | 9.1   | 7.1   | 10.7    |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

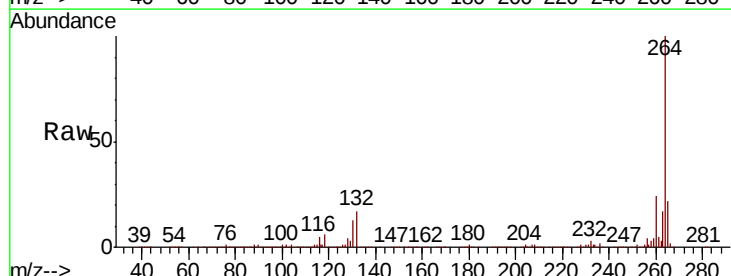
RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

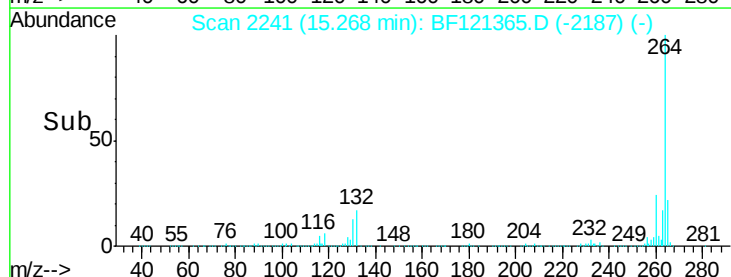
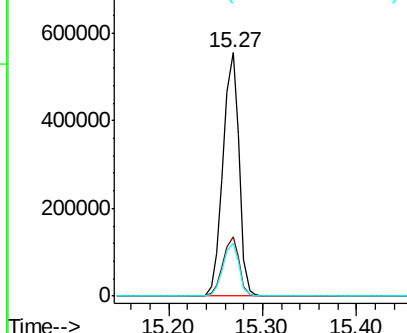
Lab File: BF121365.D

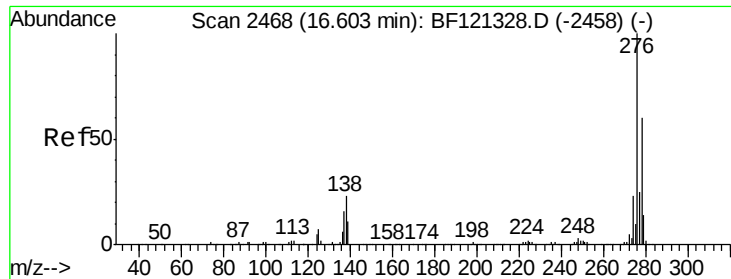
Acq: 21 Aug 2020 13:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 665304 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.1  | 19.5  | 29.3   |
| 265      | 21.8  | 17.1  | 25.7   |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





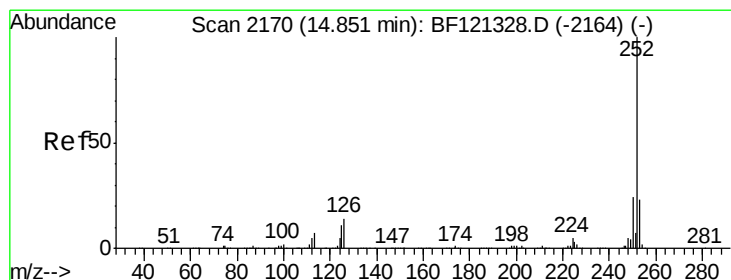
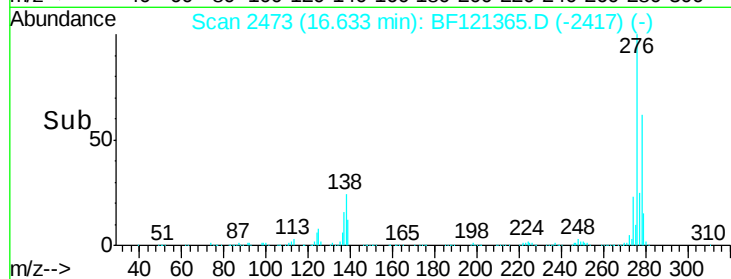
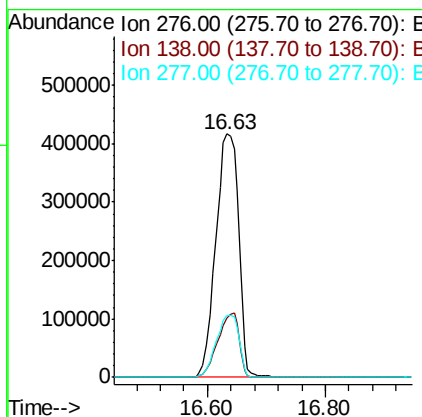
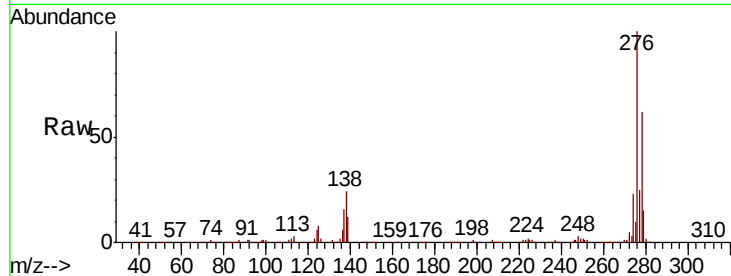
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 27.598 ng  
 RT: 16.63 min Scan# 2473  
 Delta R.T. 0.03 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.8  | 19.4  | 29.0  |
| 277     | 25.4  | 19.9  | 29.9  |

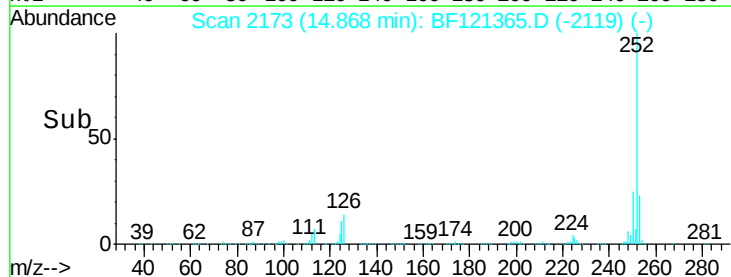
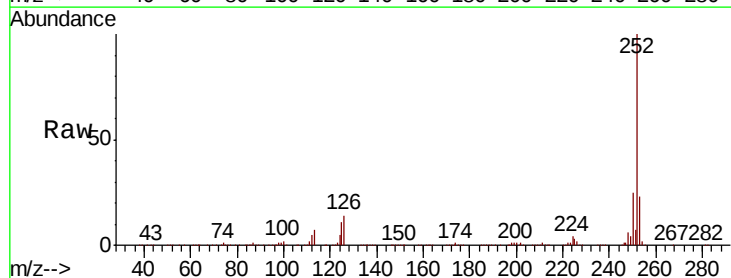
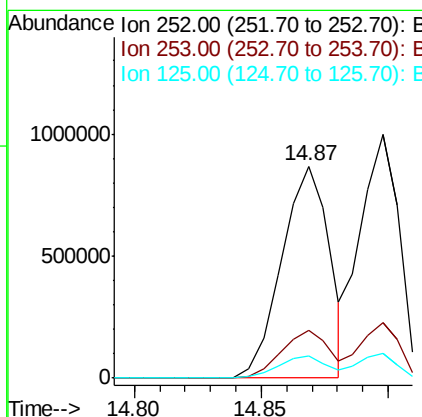
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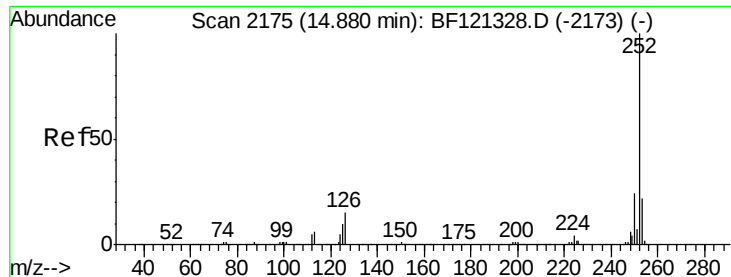
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#88  
 Benzo(b)fluoranthene  
 Concen: 26.423 ng  
 RT: 14.87 min Scan# 2173  
 Delta R.T. 0.02 min  
 Lab File: BF121365.D  
 Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.0  | 27.0  |
| 125     | 10.5  | 8.6   | 12.8  |





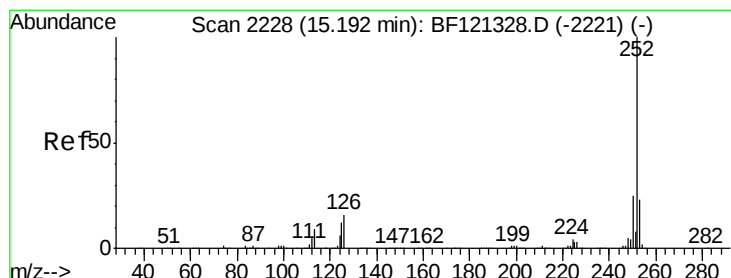
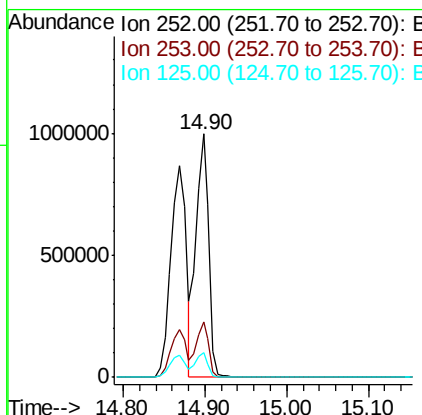
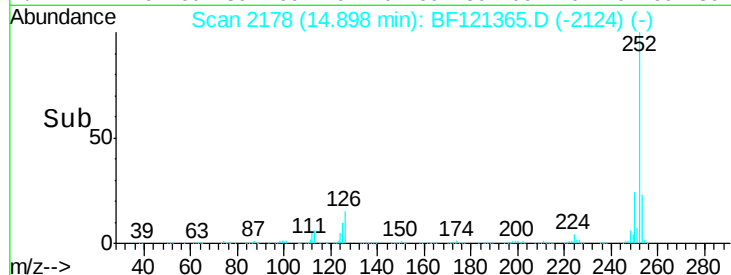
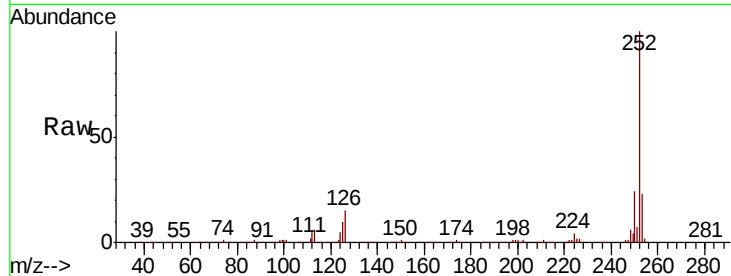
#89  
Benzo(k)fluoranthene  
Concen: 28.521 ng  
RT: 14.90 min Scan# 2178  
Delta R.T. 0.02 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

Instrument :  
BNA\_F  
ClientSampled :  
PB131076BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 17.9  | 26.9  |
| 125     | 10.4  | 8.6   | 12.8  |

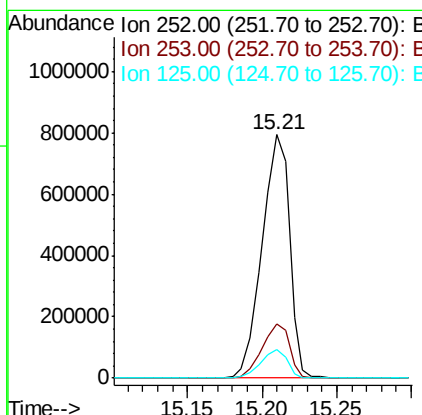
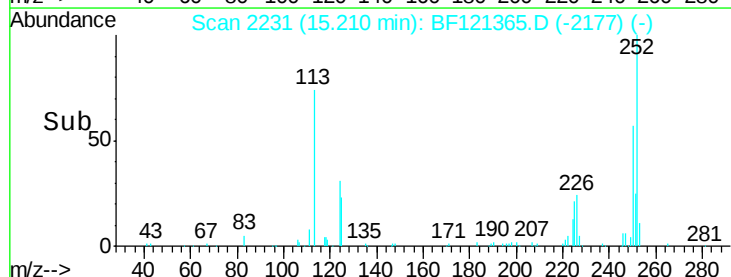
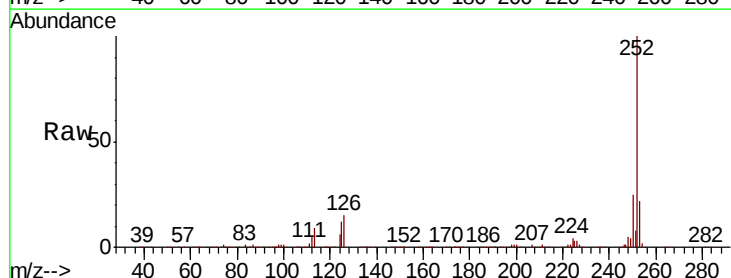
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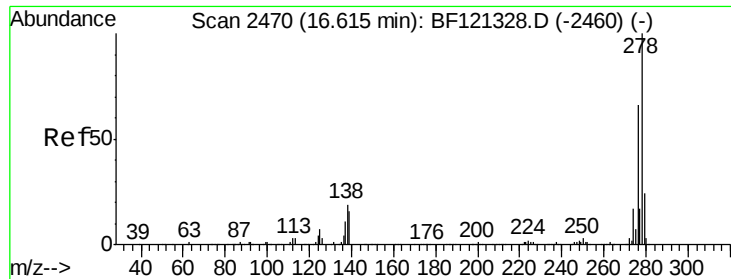
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#90  
Benzo(a)pyrene  
Concen: 27.177 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. 0.02 min  
Lab File: BF121365.D  
Acq: 21 Aug 2020 13:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.0  | 27.0  |
| 125     | 11.5  | 9.4   | 14.0  |





#91

Dibenzo(a,h)anthracene

Concen: 27.854 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.04 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

Instrument :

BNA\_F

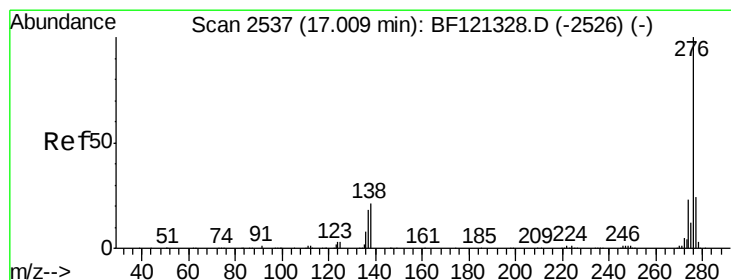
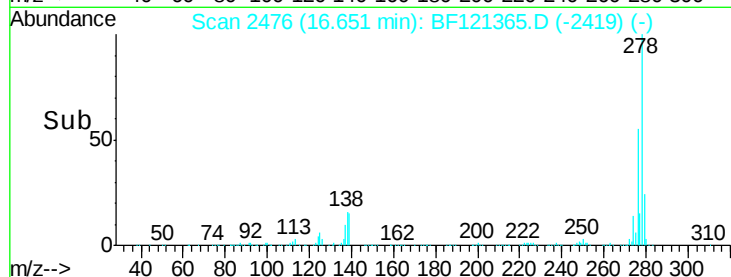
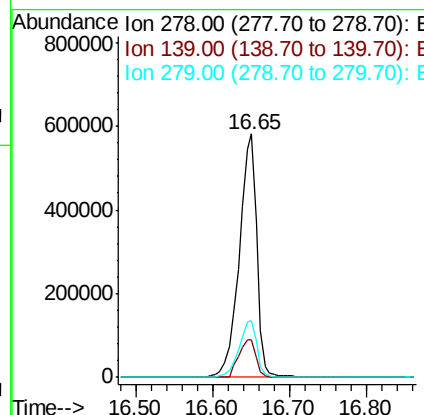
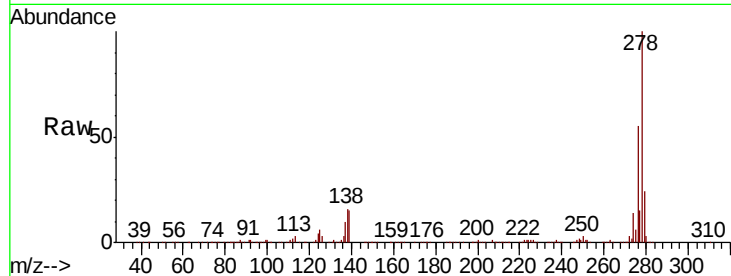
ClientSampleId :

PB131076BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 927475 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 15.3  | 13.1  | 19.7   |
| 279       | 23.5  | 19.4  | 29.2   |

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#92

Benzo(g,h,i)perylene

Concen: 29.343 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.04 min

Lab File: BF121365.D

Acq: 21 Aug 2020 13:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 955212 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.8  | 19.3  | 28.9   |
| 138       | 21.5  | 16.8  | 25.2   |

