

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\  
 Data File : BF121302.D  
 Acq On : 17 Aug 2020 11:01  
 Operator : JU/CG  
 Sample : PB131001BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

Manual Integrations  
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mohammad  
 8/18/2020 1:49:52 PM

Quant Time: Aug 17 12:06:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 10:52:06 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 97154    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 375514   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.75  | 164  | 196216   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.23 | 188  | 379685   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.86 | 240  | 308077   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.27 | 264  | 321123   | 20.00 | ng    | 0.00     |

|                             |       |     |        |       |    |      |
|-----------------------------|-------|-----|--------|-------|----|------|
| System Monitoring Compounds |       |     |        |       |    |      |
| 5) 2-Fluorophenol           | 5.31  | 112 | 596768 | 93.12 | ng | 0.00 |
| 7) Phenol-d6                | 6.35  | 99  | 711406 | 86.15 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.27  | 82  | 462744 | 67.35 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.53 | 330 | 223611 | 92.56 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.07  | 172 | 890909 | 62.81 | ng | 0.00 |
| 79) Terphenyl-d14           | 12.81 | 244 | 966614 | 61.16 | ng | 0.00 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.33 | 88  | 82970  | 30.424 | ng | 97   |
| 3) Pyridine                    | 3.04 | 79  | 205104 | 28.892 | ng | 96   |
| 4) n-Nitrosodimethylamine      | 2.98 | 42  | 110168 | 37.892 | ng | 99   |
| 6) Aniline                     | 6.37 | 93  | 311763 | 31.847 | ng | 96   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 260461 | 36.962 | ng | 99   |
| 9) Benzaldehyde                | 6.25 | 77  | 154964 | 36.414 | ng | 97   |
| 10) Phenol                     | 6.36 | 94  | 314856 | 35.147 | ng | 95   |
| 11) bis(2-Chloroethyl)ether    | 6.45 | 93  | 245095 | 37.904 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 6.65 | 146 | 261498 | 35.121 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 269712 | 35.839 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 256993 | 36.183 | ng | 98   |
| 15) Benzyl Alcohol             | 6.85 | 79  | 203816 | 36.845 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 345527 | 37.109 | ng | 99   |
| 17) 2-Methylphenol             | 6.97 | 107 | 209462 | 37.631 | ng | 99   |
| 18) Hexachloroethane           | 7.22 | 117 | 98676  | 37.078 | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 162039 | 35.316 | ng | 99   |
| 20) 3+4-Methylphenols          | 7.13 | 107 | 253767 | 35.934 | ng | # 60 |
| 22) Acetophenone               | 7.12 | 105 | 337406 | 34.885 | ng | # 96 |
| 24) Nitrobenzene               | 7.29 | 77  | 262977 | 35.273 | ng | 100  |
| 25) Isophorone                 | 7.53 | 82  | 476492 | 34.541 | ng | 99   |
| 26) 2-Nitrophenol              | 7.61 | 139 | 135249 | 37.441 | ng | 99   |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 227966 | 39.387 | ng | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93  | 306094 | 39.670 | ng | 98   |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 214105 | 36.175 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 230955 | 35.355 | ng | 100  |
| 31) Naphthalene                | 8.01 | 128 | 719927 | 34.077 | ng | 99   |
| 32) Benzoic acid               | 7.78 | 122 | 93813  | 32.259 | ng | 98   |
| 33) 4-Chloroaniline            | 8.06 | 127 | 242465 | 28.123 | ng | 100  |
| 34) Hexachlorobutadiene        | 8.13 | 225 | 132608 | 33.552 | ng | 98   |
| 35) Caprolactam                | 8.43 | 113 | 69962m | 39.245 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 225580 | 37.357 | ng | 100  |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 487975 | 35.101 | ng | 99   |
| 38) 1-Methylnaphthalene        | 8.80 | 142 | 460443 | 34.980 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 230616 | 35.077 | ng | 99   |

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Quant Time: Aug 17 12:06:48 2020  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 10:52:06 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.86  | 237  | 190024   | 71.599 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.99  | 196  | 153155   | 36.629 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.03  | 196  | 166175   | 36.590 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.17  | 154  | 598015   | 35.272 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 458434   | 35.126 | ng    | 100      |
| 48) 2-Nitroaniline             | 9.29  | 65   | 141890   | 38.679 | ng    | 99       |
| 49) Acenaphthylene             | 9.60  | 152  | 735464   | 35.480 | ng    | 99       |
| 50) Dimethylphthalate          | 9.47  | 163  | 552374   | 37.411 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 123210   | 37.435 | ng    | 99       |
| 52) Acenaphthene               | 9.77  | 154  | 426248   | 34.731 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.70  | 138  | 101243   | 26.941 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 108494   | 65.400 | ng    | 97       |
| 55) Dibenzofuran               | 9.95  | 168  | 656003   | 33.565 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 187569   | 77.342 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 9.94  | 165  | 160667   | 37.197 | ng    | 94       |
| 58) Fluorene                   | 10.29 | 166  | 497299   | 33.614 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 142202   | 39.601 | ng    | 99       |
| 60) Diethylphthalate           | 10.17 | 149  | 546869   | 36.423 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.29 | 204  | 246534   | 34.263 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 136045   | 36.107 | ng    | 100      |
| 63) Azobenzene                 | 10.45 | 77   | 520147   | 34.672 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 83219    | 36.938 | ng    | 85       |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 468091   | 35.954 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.77 | 248  | 162457   | 36.681 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.84 | 284  | 184430   | 36.518 | ng    | 99       |
| 69) Atrazine                   | 10.93 | 200  | 130665   | 33.554 | ng    | 99       |
| 70) Pentachlorophenol          | 11.04 | 266  | 181395   | 80.614 | ng    | 97       |
| 71) Phenanthrene               | 11.25 | 178  | 762169   | 35.088 | ng    | 99       |
| 72) Anthracene                 | 11.30 | 178  | 793951   | 36.424 | ng    | 99       |
| 73) Carbazole                  | 11.46 | 167  | 737320   | 34.587 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.79 | 149  | 872550   | 36.262 | ng    | 100      |
| 75) Fluoranthene               | 12.43 | 202  | 860560   | 35.580 | ng    | 100      |
| 77) Benzidine                  | 12.56 | 184  | 408430   | 50.430 | ng    | 99       |
| 78) Pyrene                     | 12.66 | 202  | 887521   | 38.686 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.29 | 149  | 372242   | 39.722 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.85 | 228  | 732613   | 35.061 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.82 | 252  | 226902   | 27.370 | ng    | 99       |
| 83) Chrysene                   | 13.89 | 228  | 768875   | 36.040 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 462853   | 35.834 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.46 | 149  | 877275   | 37.044 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.64 | 276  | 798891   | 33.461 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 782787   | 36.381 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.90 | 252  | 723585   | 36.214 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 689279   | 35.493 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.65 | 278  | 668142   | 32.660 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 672131   | 33.293 | ng    | 99       |

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

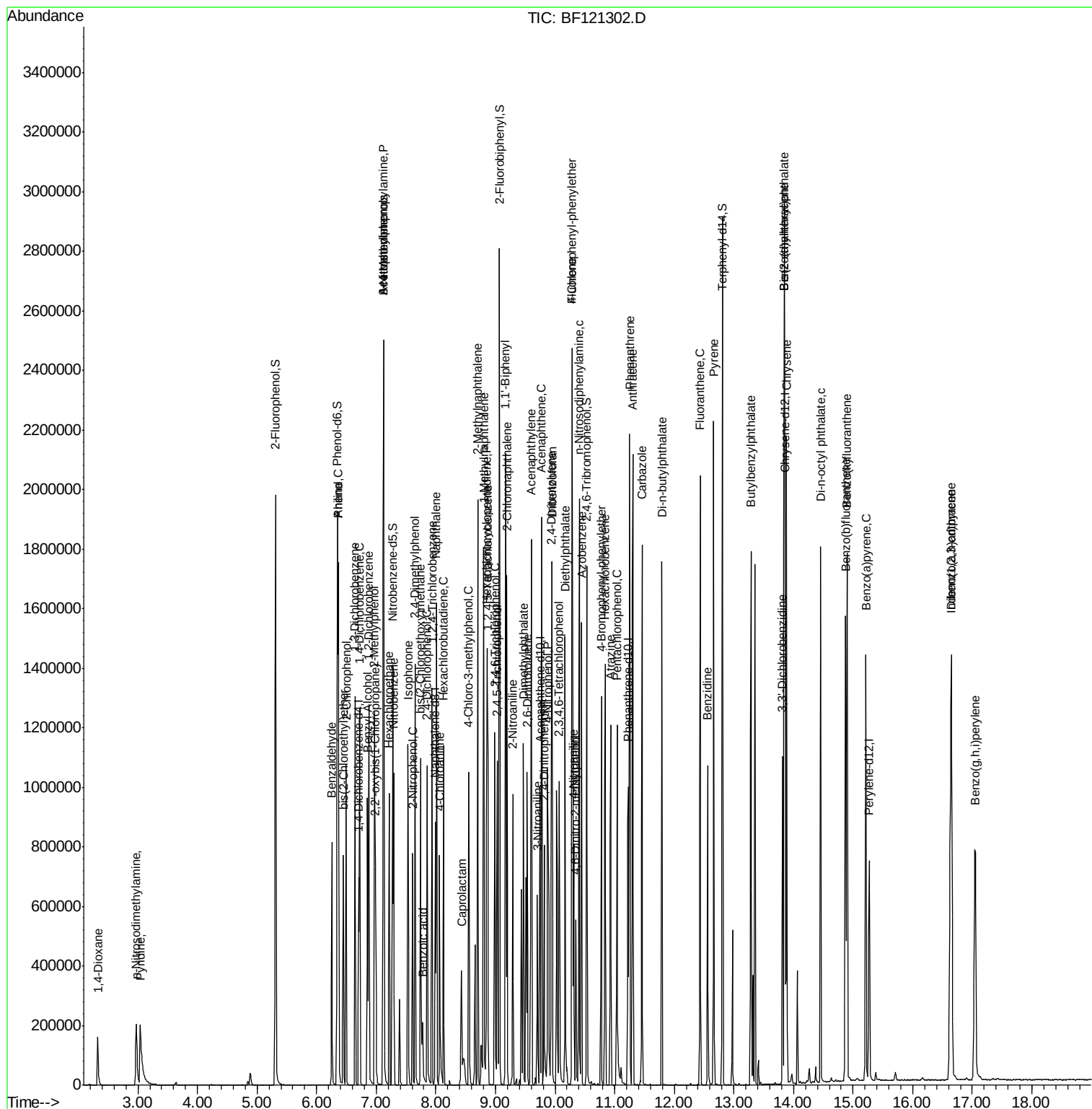
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\  
Data File : BF121302.D  
Acq On : 17 Aug 2020 11:01  
Operator : JU/CG  
Sample : PB131001BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

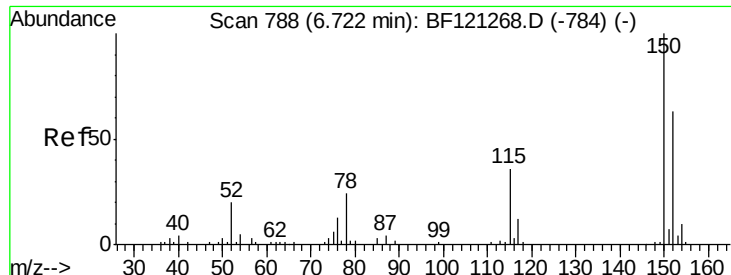
Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

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Quant Time: Aug 17 12:06:48 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 17 10:52:06 2020  
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#1

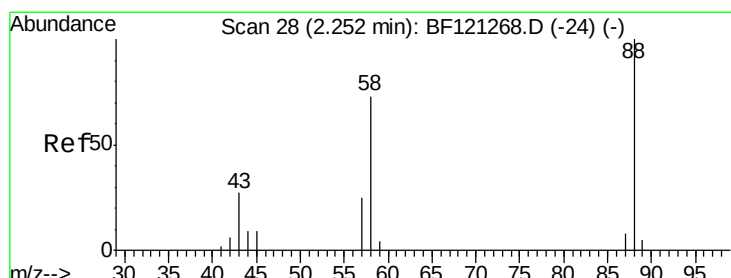
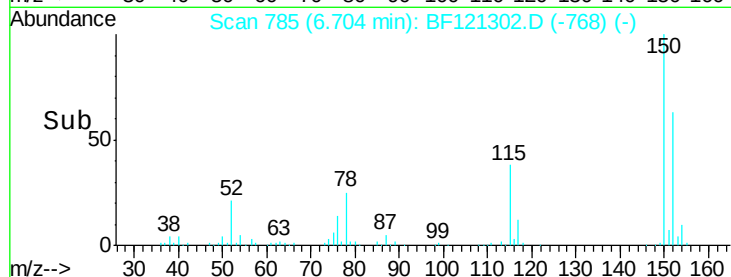
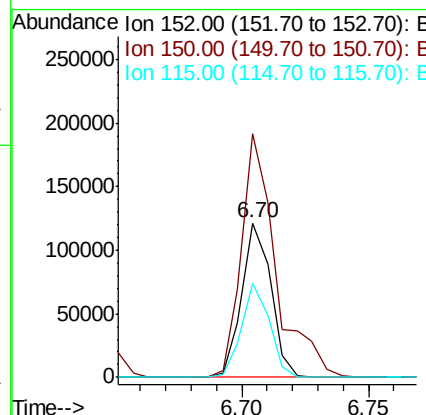
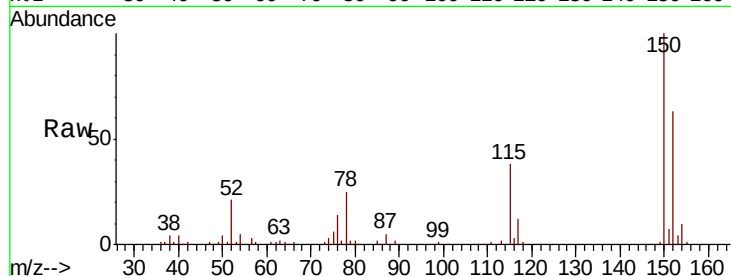
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampled :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.8 | 123.9 | 185.9 |
| 115     | 60.5  | 47.3  | 70.9  |

Manual Integrations  
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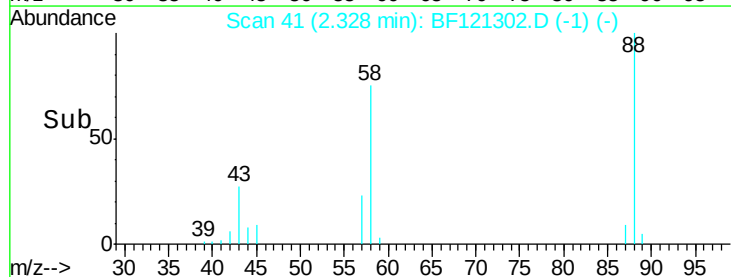
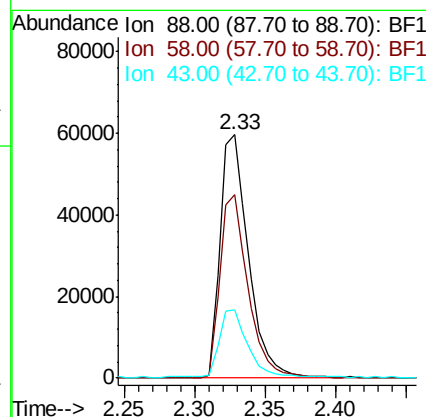
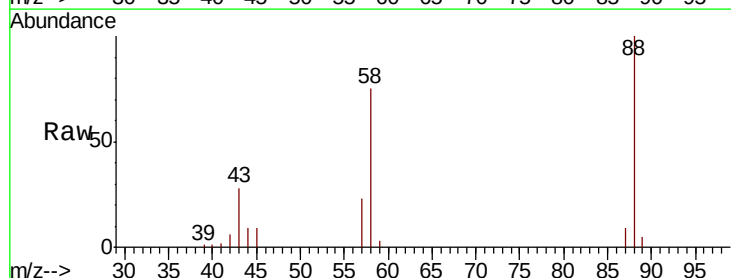
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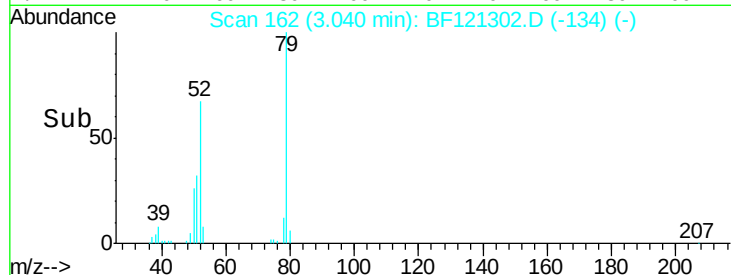
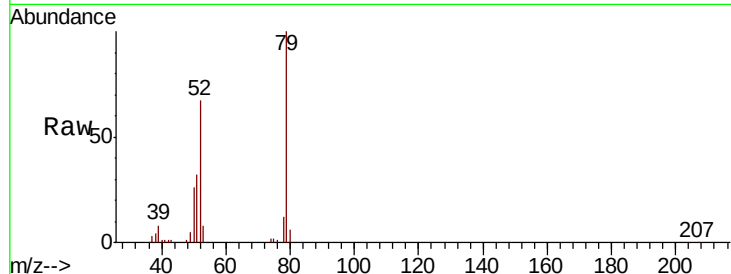
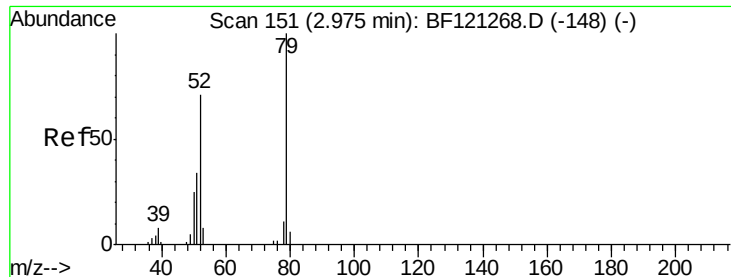


#2

1,4-Dioxane  
Concen: 30.424 ng  
RT: 2.33 min Scan# 41  
Delta R.T. 0.06 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 74.9  | 57.8  | 86.8  |
| 43      | 30.1  | 22.2  | 33.2  |





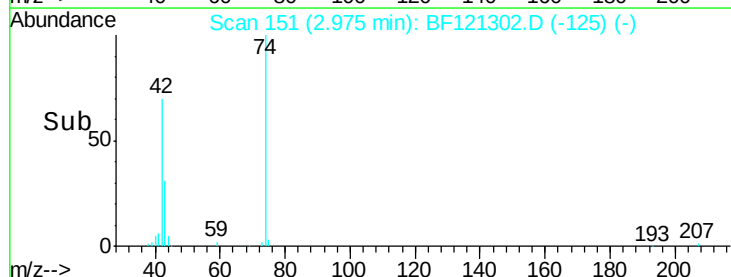
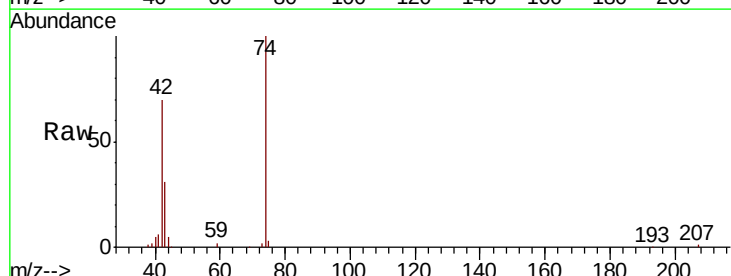
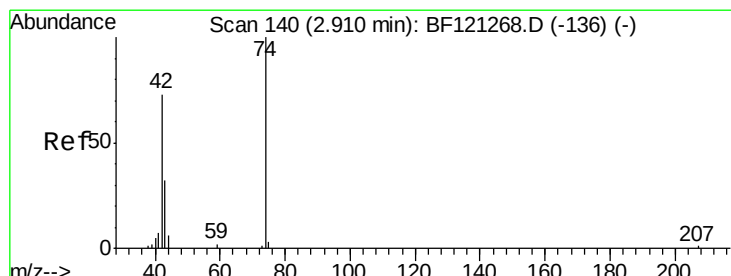
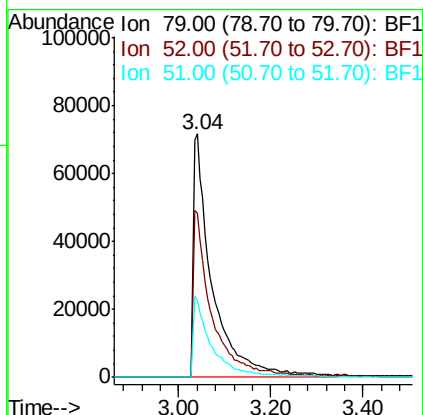
#3  
 Pvridine  
 Concen: 28.892 ng  
 RT: 3.04 min Scan# 162  
 Delta R.T. 0.06 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 205104 |       |       |
| 52      | 67.4 | 56.9  | 85.3   |       |       |
| 51      | 31.8 | 26.3  | 39.5   |       |       |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

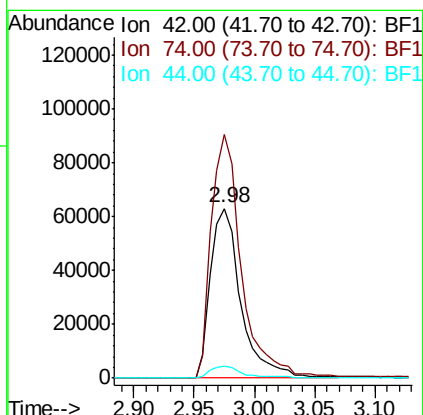
Manual Integrations  
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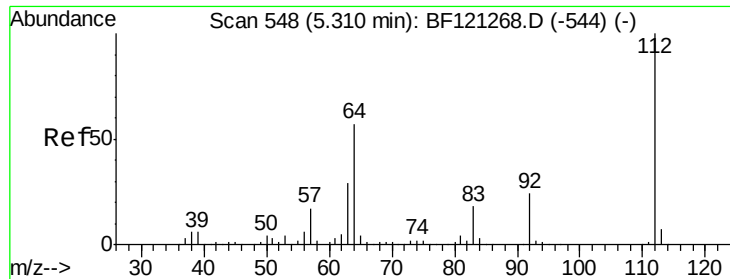
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 8/18/2020 1:49:52 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 37.892 ng  
 RT: 2.98 min Scan# 151  
 Delta R.T. 0.05 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 42      | 100   |       | 110168 |       |       |
| 74      | 143.7 | 115.8 | 173.8  |       |       |
| 44      | 6.9   | 5.7   | 8.5    |       |       |





#5

2-Fluorophenol

Concen: 93.124 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

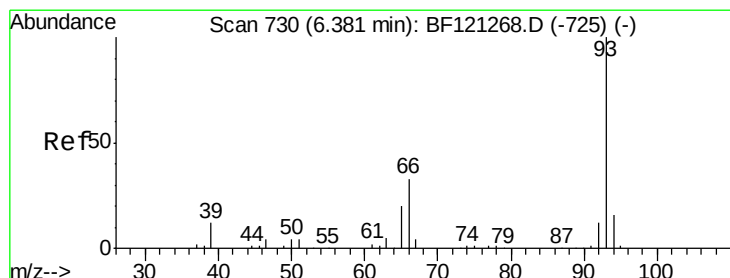
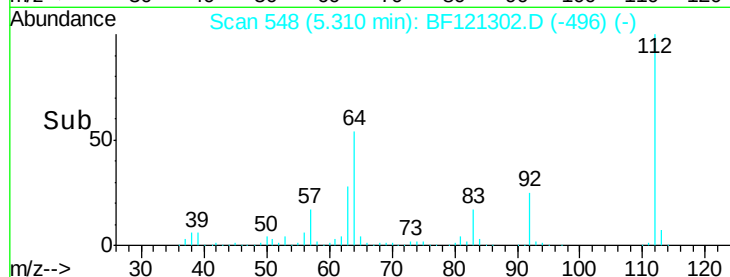
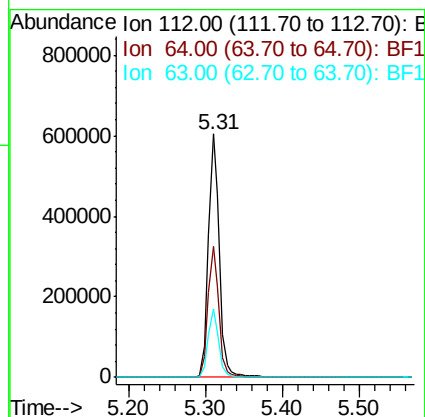
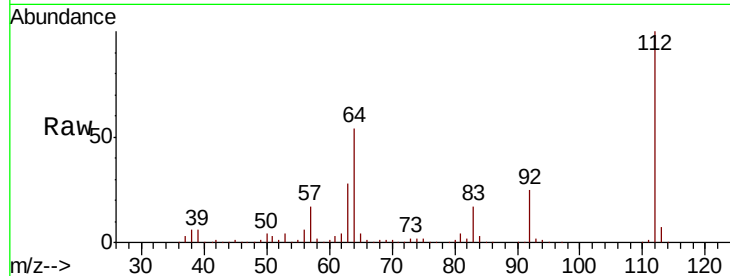
ClientSampleId :

PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 596768 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.0  | 42.9  | 64.3   |
| 63        | 28.1  | 22.2  | 33.2   |

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#6

Aniline

Concen: 31.847 ng

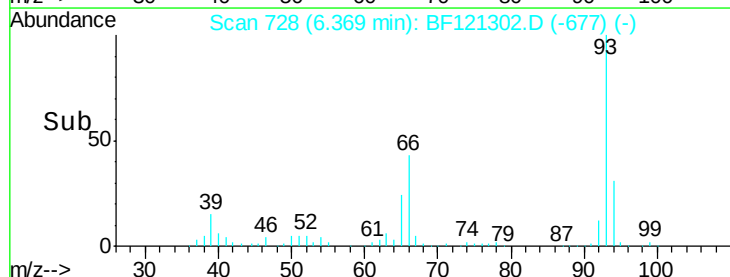
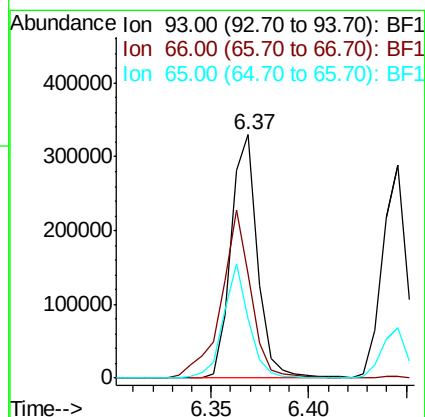
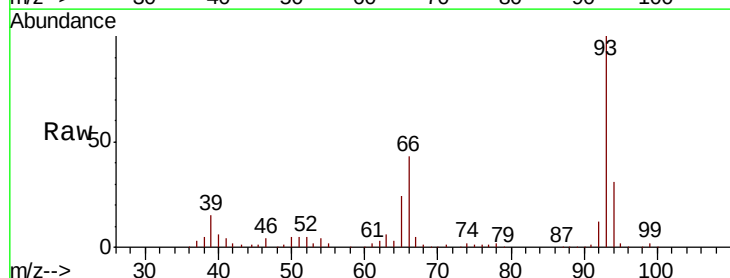
RT: 6.37 min Scan# 728

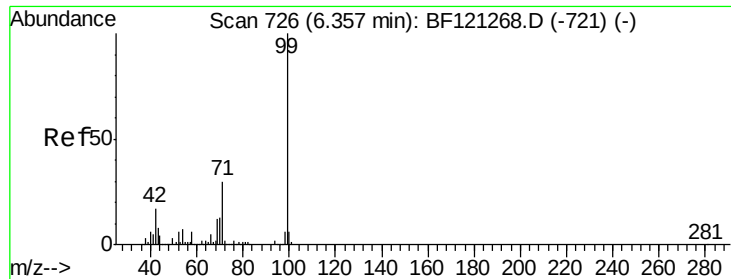
Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 311763 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 43.0  | 32.2  | 48.4   |
| 65        | 24.3  | 18.2  | 27.4   |





#7

Phenol-d6

Concen: 86.148 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

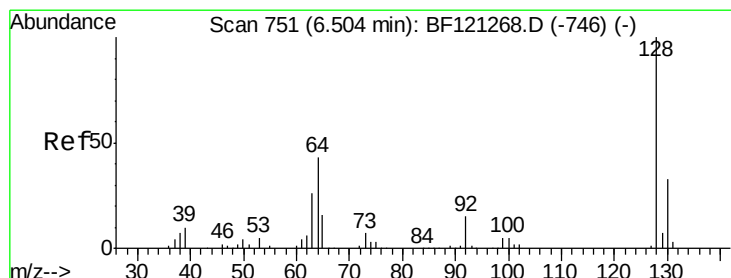
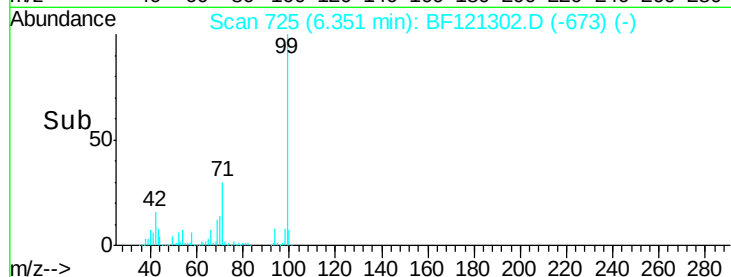
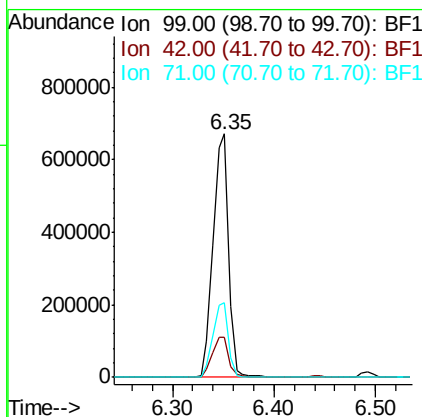
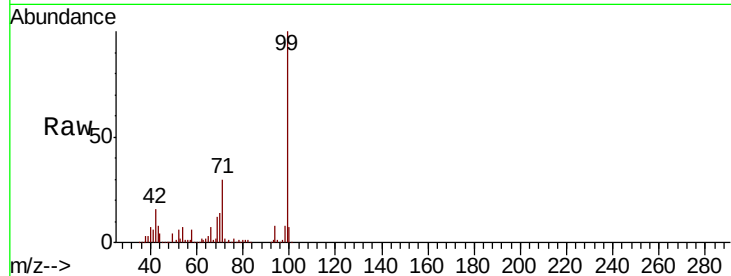
ClientSampleId :

PB131001BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 711406 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.2  | 13.8  | 20.8   |
| 71       | 30.5  | 24.8  | 37.2   |

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#8

2-Chlorophenol

Concen: 36.962 ng

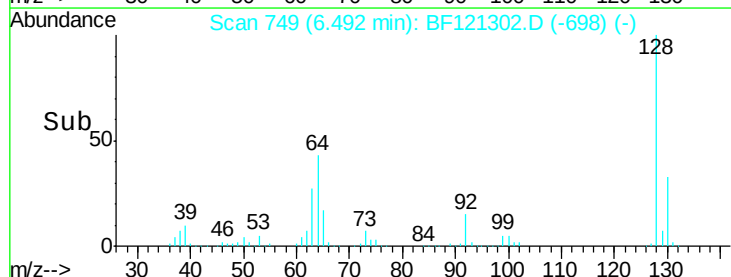
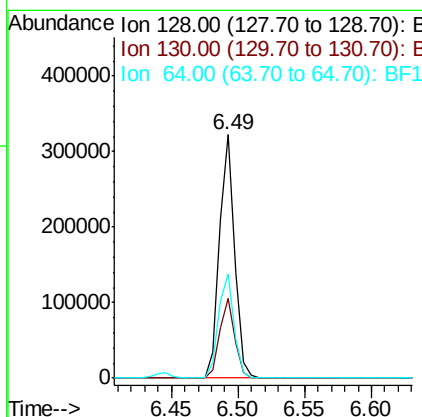
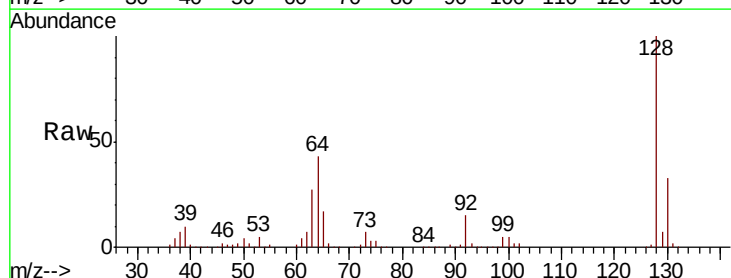
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

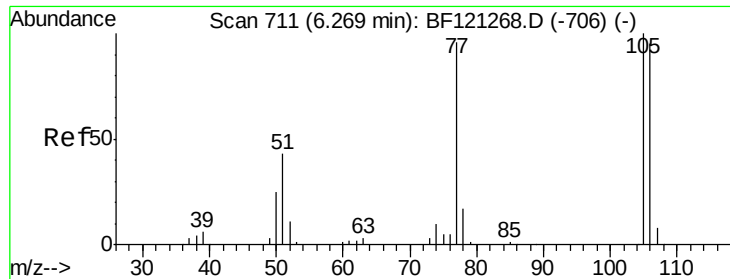
Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 260461 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.7  | 11.9  | 51.9   |
| 64       | 42.6  | 22.5  | 62.5   |







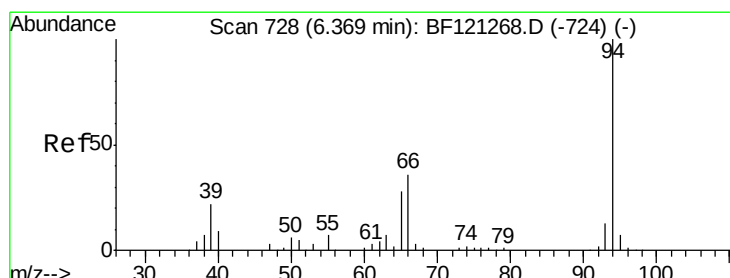
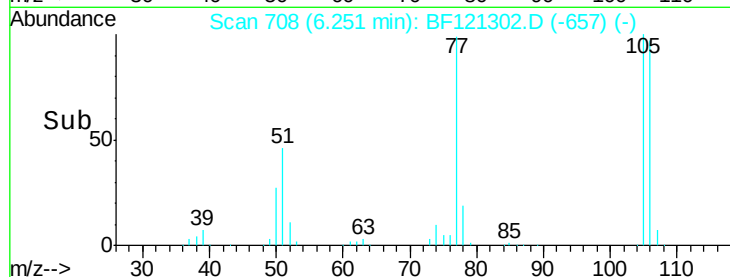
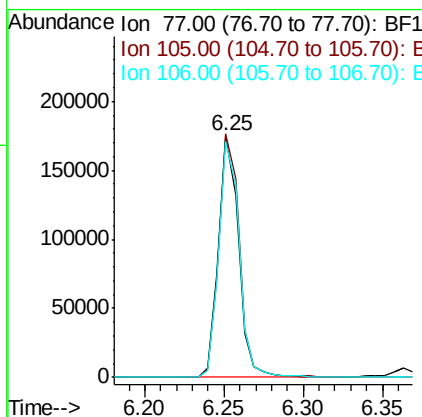
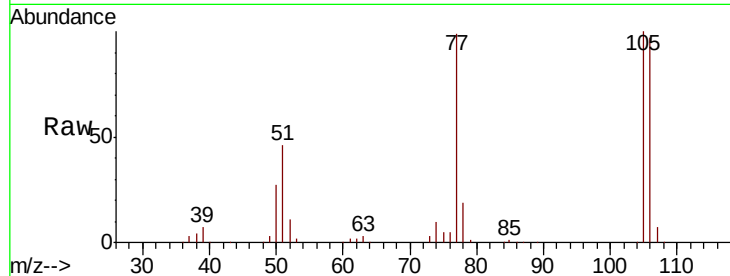
#9  
Benzaldehyde  
Concen: 36.414 ng  
RT: 6.25 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |       |
| 105     | 100.8 | 77.6  | 117.6 |       |       |
| 106     | 97.7  | 74.9  | 114.9 |       |       |

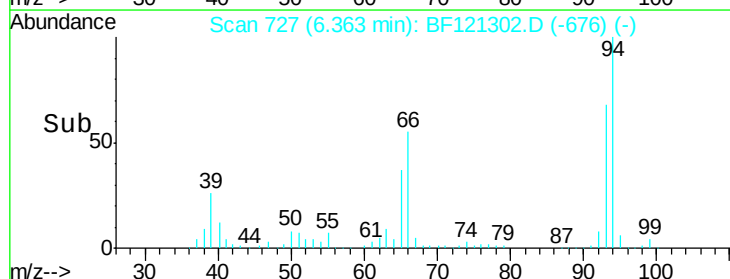
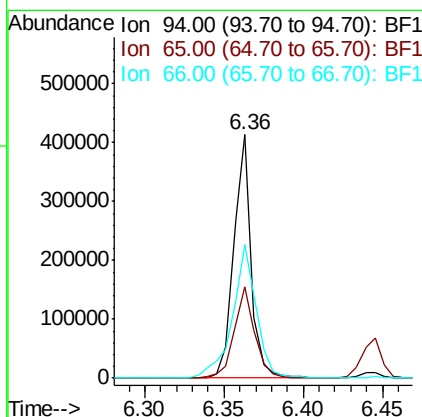
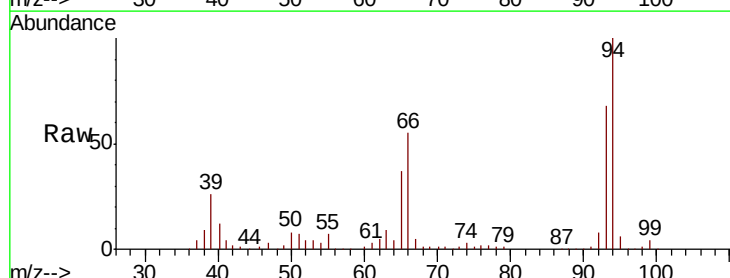
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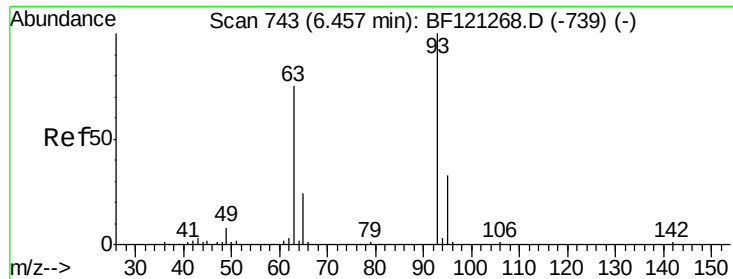


#10  
Phenol  
Concen: 35.147 ng  
RT: 6.36 min Scan# 727  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 94      | 100  |       |      |       |       |
| 65      | 37.3 | 19.2  | 59.2 |       |       |
| 66      | 54.9 | 39.6  | 79.6 |       |       |







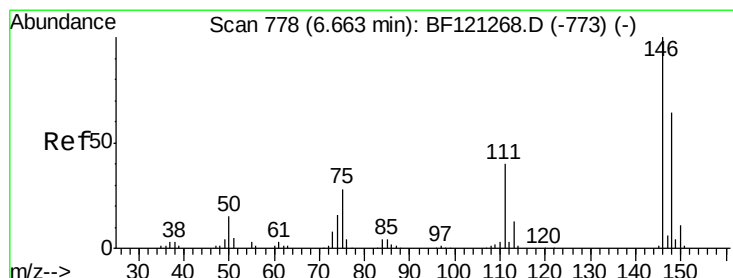
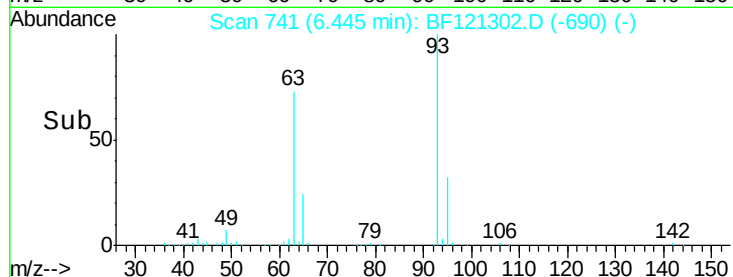
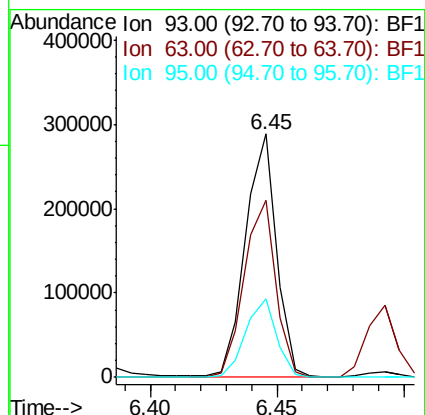
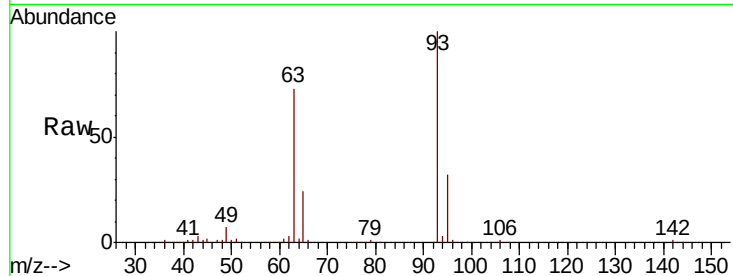
#11  
bis(2-Chloroethyl)ether  
Concen: 37.904 ng  
RT: 6.45 min Scan# 741  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 245095 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 72.7  | 53.9  | 93.9   |
| 95        | 32.3  | 12.4  | 52.4   |

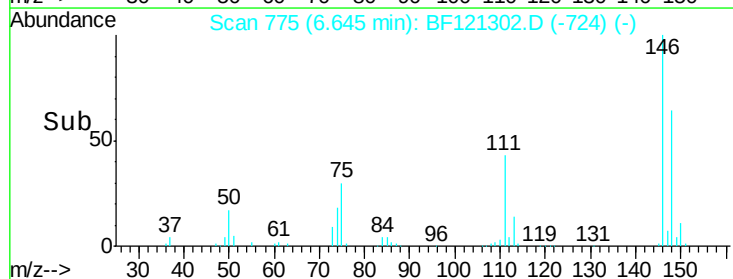
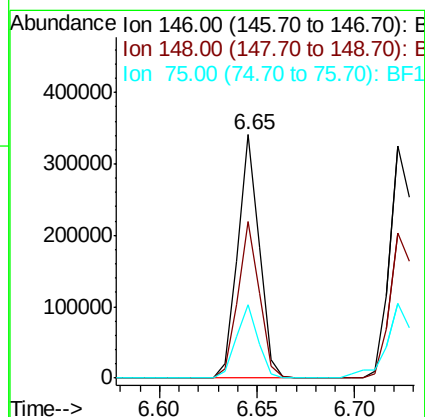
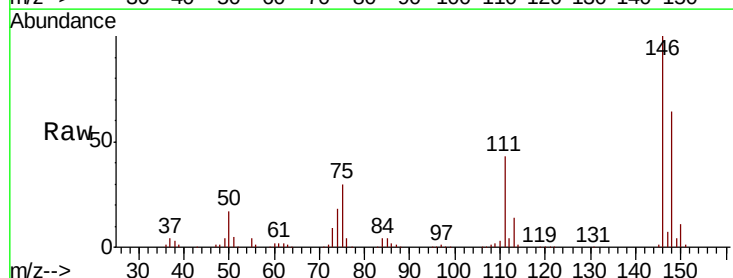
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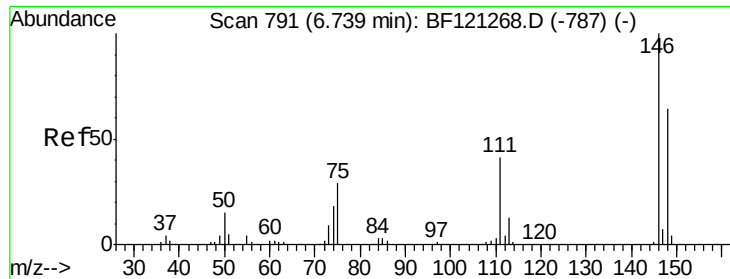
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#12  
1,3-Dichlorobenzene  
Concen: 35.121 ng  
RT: 6.65 min Scan# 775  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 261498 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 50.8  | 76.2   |
| 75        | 30.1  | 24.1  | 36.1   |





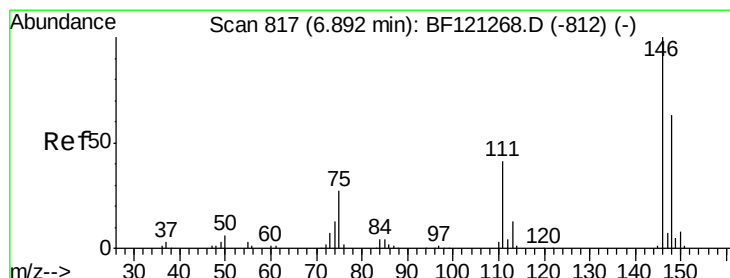
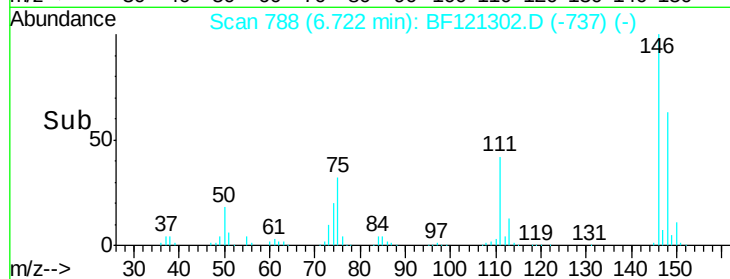
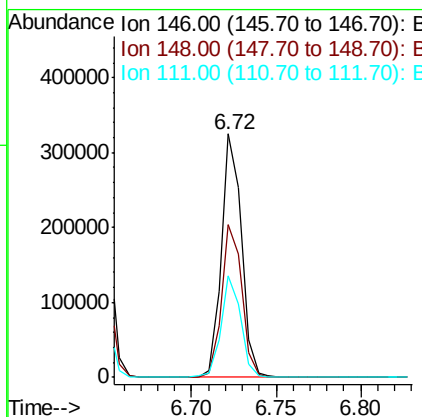
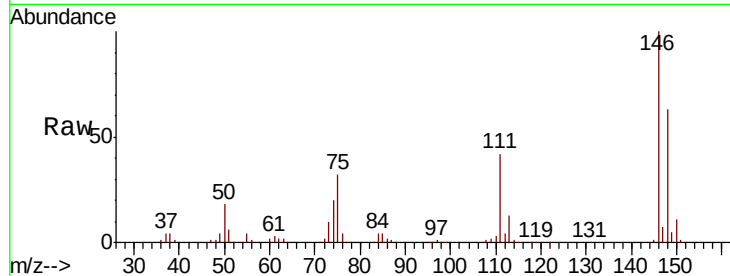
#13  
 1,4-Dichlorobenzene  
 Concen: 35.839 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.6  | 50.6  | 75.8  |
| 111     | 41.6  | 33.0  | 49.6  |

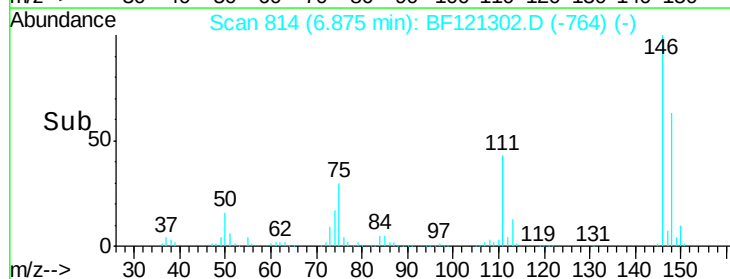
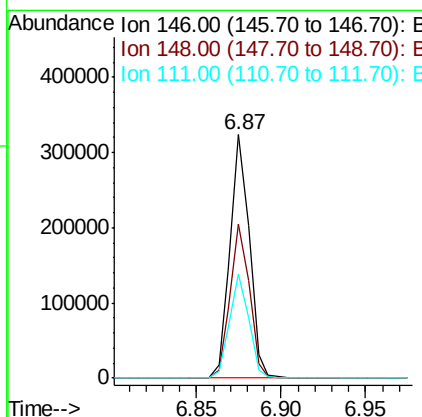
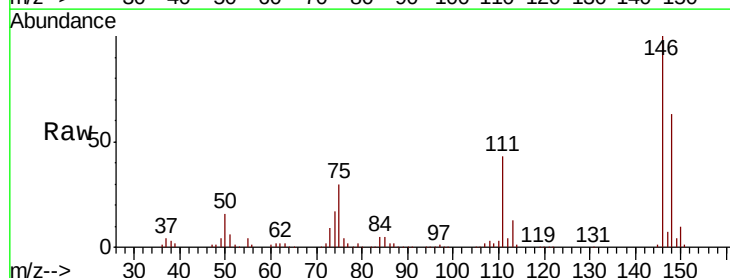
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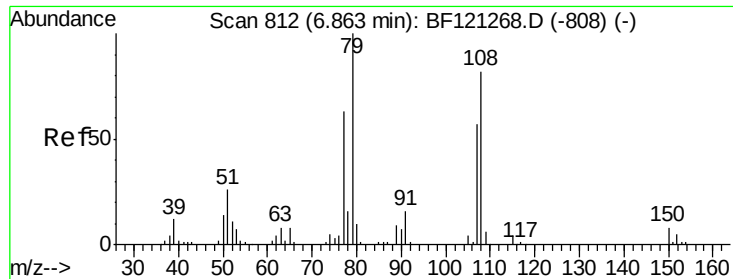
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.183 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. -0.01 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.4  | 77.0  |
| 111     | 42.8  | 32.3  | 48.5  |





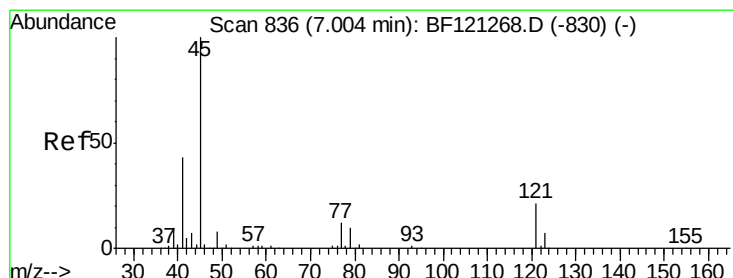
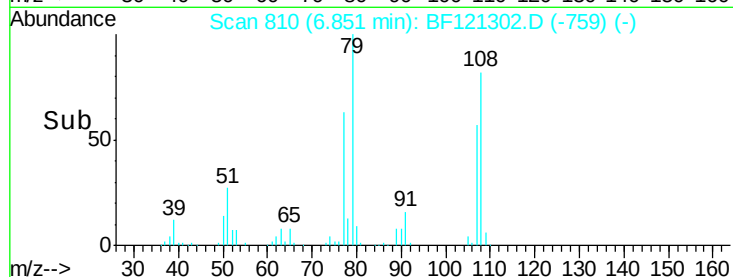
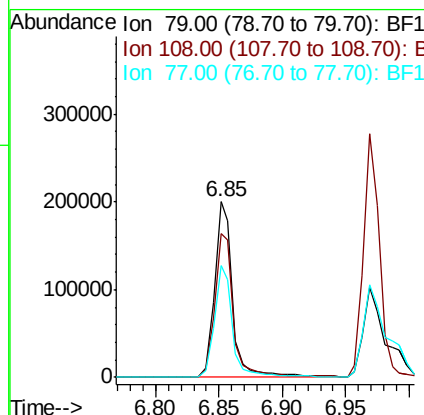
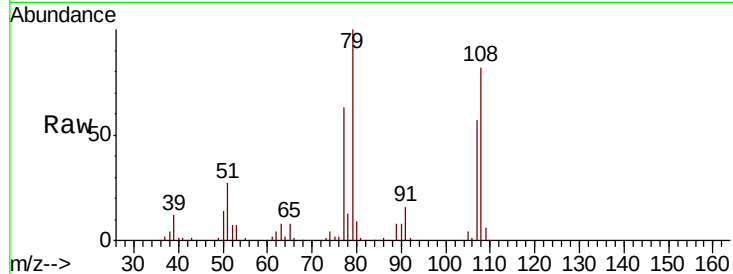
#15  
Benzyl Alcohol  
Concen: 36.845 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 203816 |       |       |
| 108     | 81.8  | 66.3   | 99.5  |       |
| 77      | 63.3  | 50.0   | 75.0  |       |

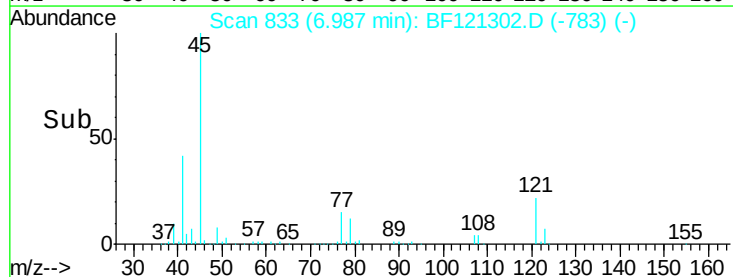
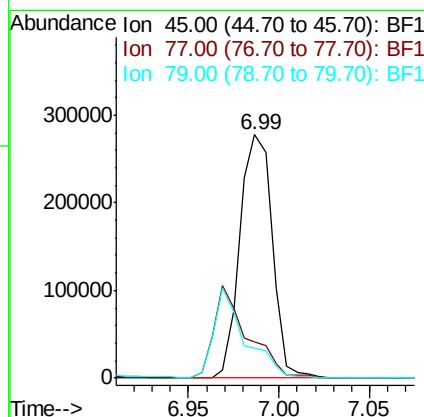
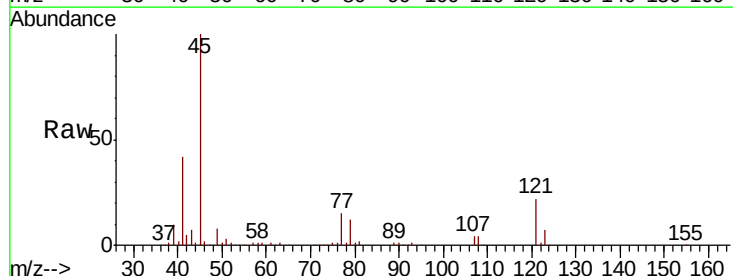
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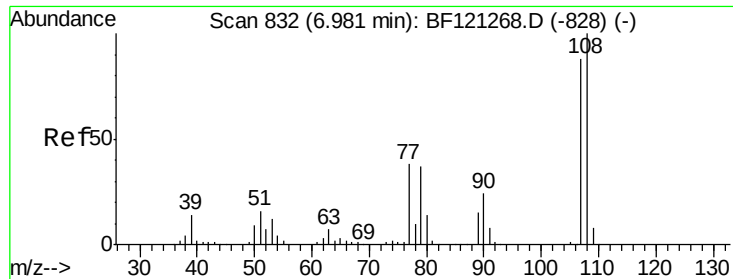
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.109 ng  
RT: 6.99 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 345527 |       |       |
| 77      | 14.9  | 0.0    | 34.4  |       |
| 79      | 12.1  | 0.0    | 31.5  |       |





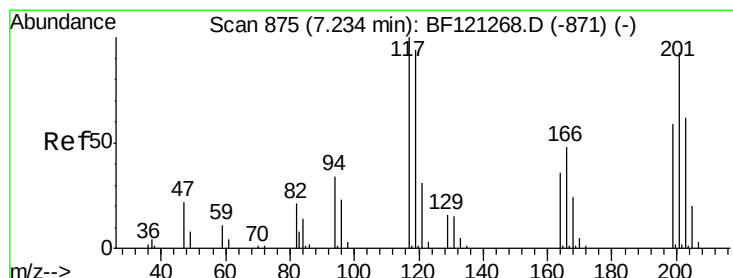
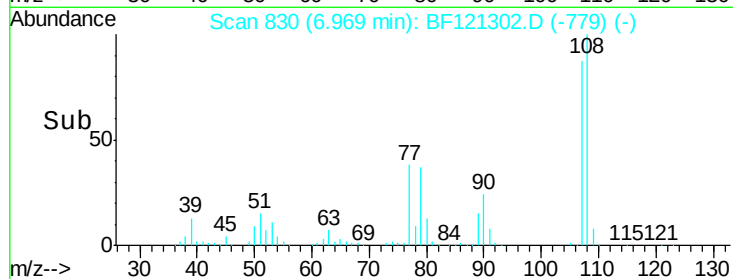
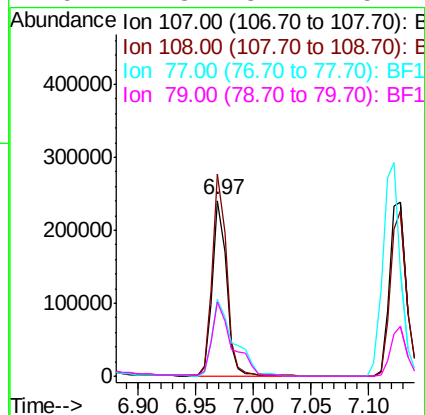
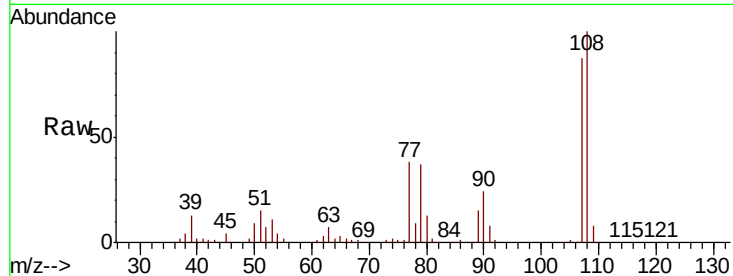
#17  
2-Methylphenol  
Concen: 37.631 ng  
RT: 6.97 min Scan# 830  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.1 | 93.4  | 140.0 |
| 77      | 43.7  | 35.7  | 53.5  |
| 79      | 42.3  | 34.1  | 51.1  |

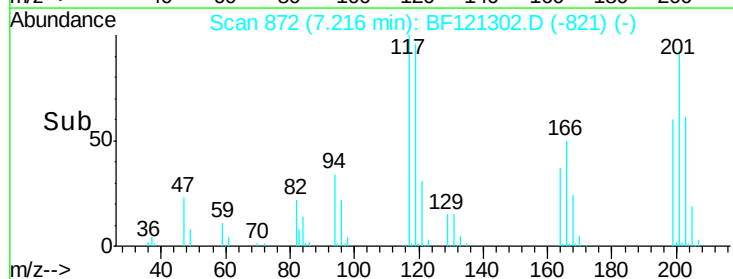
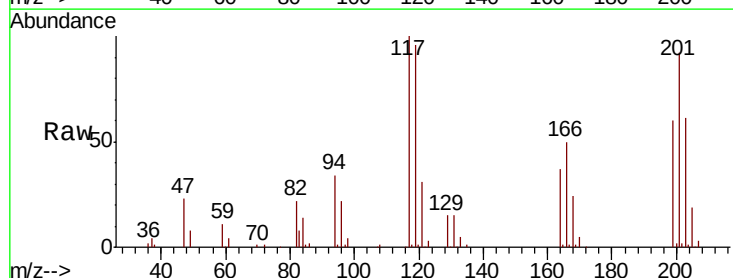
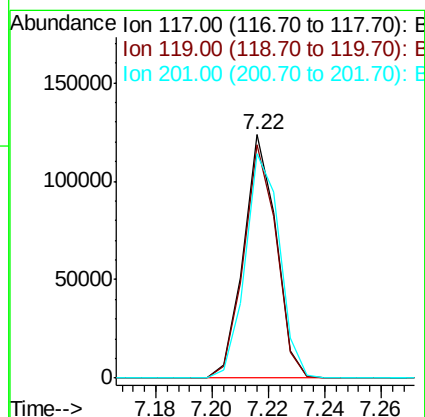
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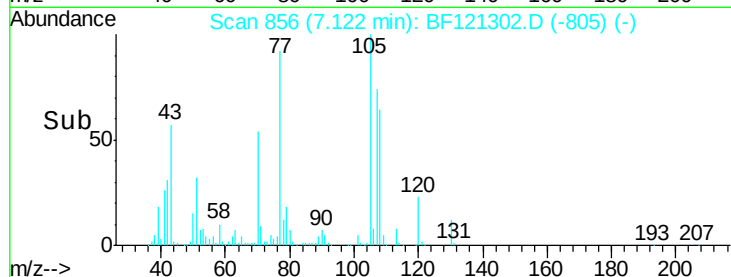
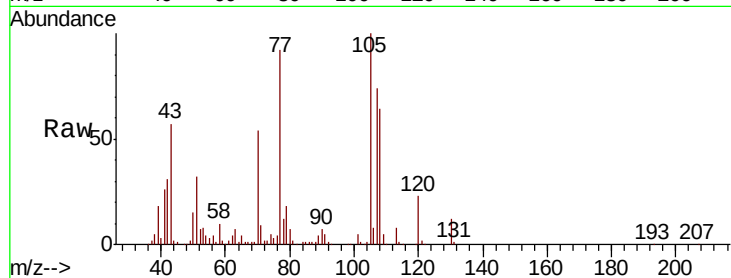
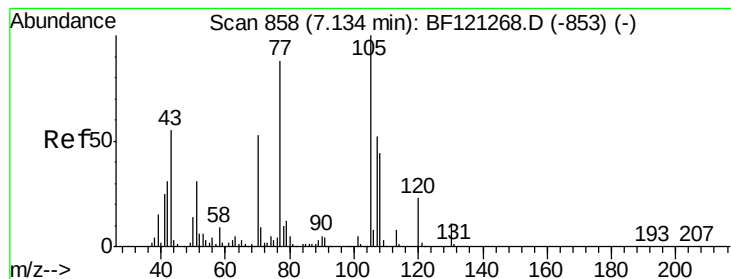
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#18  
Hexachloroethane  
Concen: 37.078 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.6  | 74.6  | 112.0 |
| 201     | 92.4  | 69.8  | 104.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 35.316 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

ClientSampleId :

PB131001BS

Tot Ion: 70 Resp: 162039

Ion Ratio Lower Upper

70 100

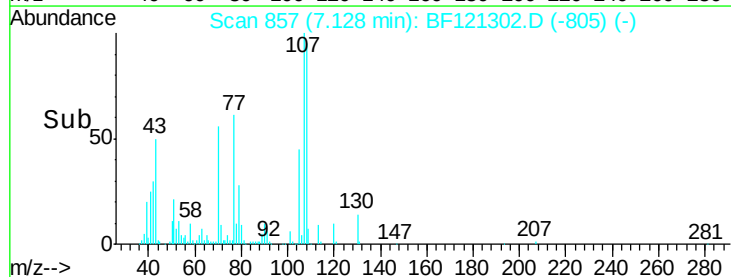
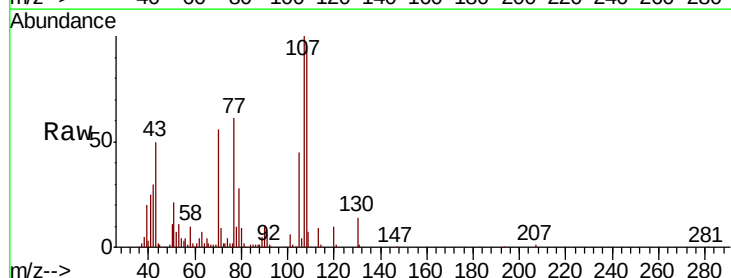
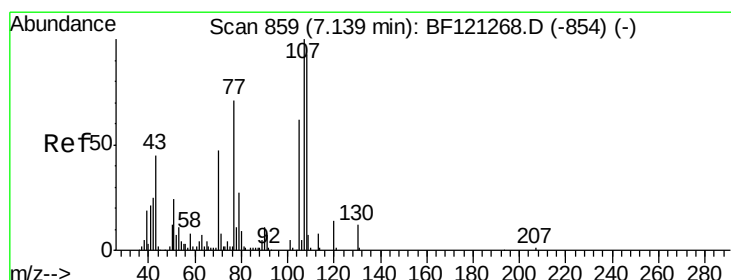
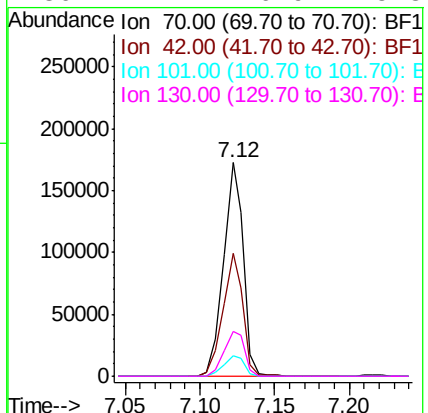
42 57.7 47.0 70.6

101 9.6 7.6 11.4

130 21.2 16.9 25.3

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#20

3+4-Methylphenols

Concen: 35.934 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Tgt Ion: 107 Resp: 253767

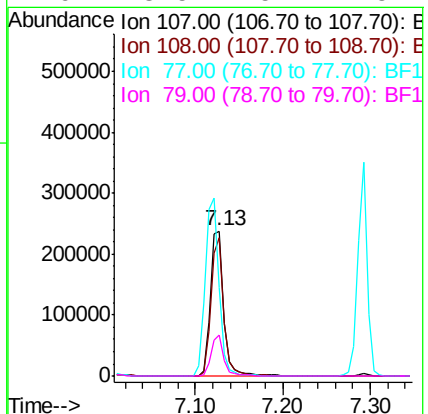
Ion Ratio Lower Upper

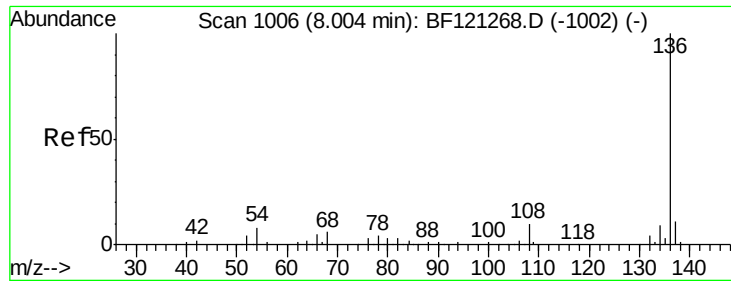
107 100

108 95.2 66.3 106.3

77 60.6 119.8 159.8

79 28.5 5.1 45.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

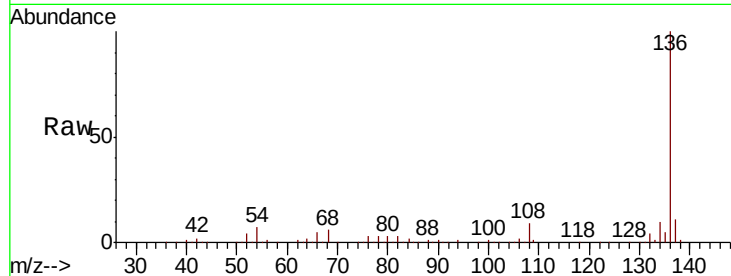
ClientSampleId :

PB131001BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 375514 |       |       |
| 137     | 10.9  |        | 8.6   | 13.0  |
| 54      | 7.0   |        | 5.4   | 8.2   |
| 68      | 5.7   |        | 4.6   | 6.8   |

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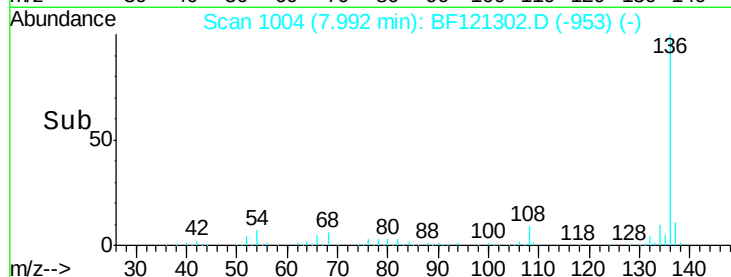
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

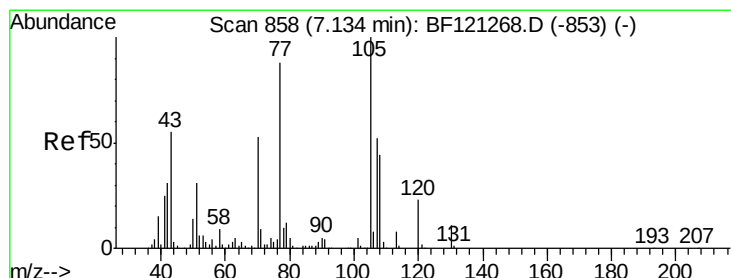
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



Time-->



#22

Acetophenone

Concen: 34.885 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 337406 |       |       |
| 71      | 4.8   |        | 7.1   | 10.7# |
| 51      | 29.2  |        | 25.9  | 38.9  |
| 120     | 22.3  |        | 17.8  | 26.8  |

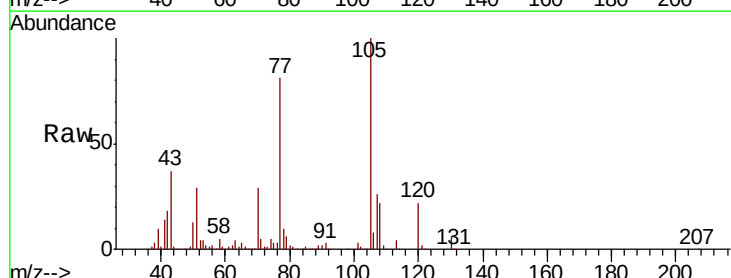
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

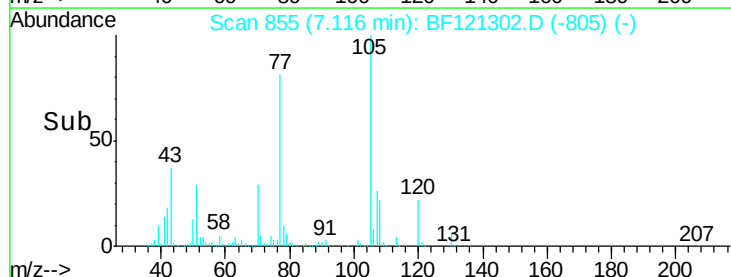
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

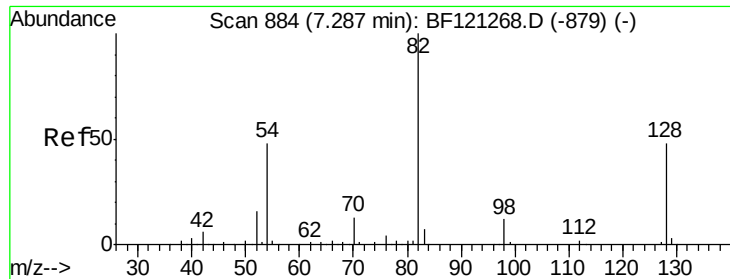
Time-->



Time-->



Time-->



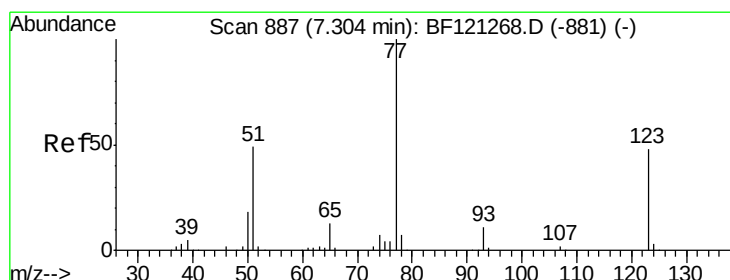
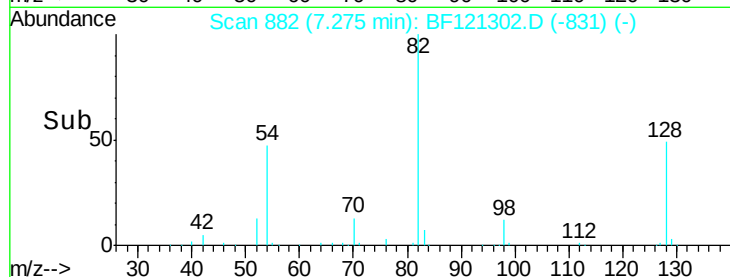
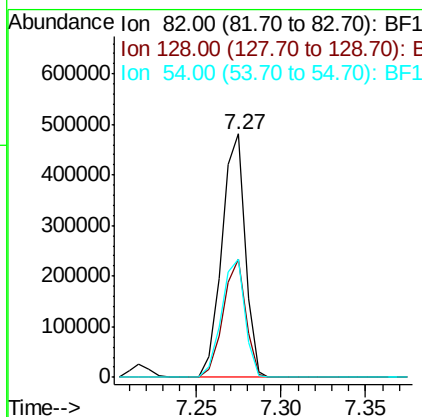
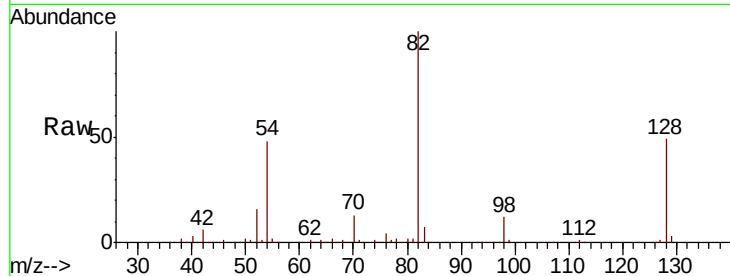
#23  
 Nitrobenzene-d5  
 Concen: 67.349 ng  
 RT: 7.27 min Scan# 882  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 462744 |       |       |
| 128     | 48.6  |        | 38.2  | 57.2  |
| 54      | 48.3  |        | 38.2  | 57.4  |

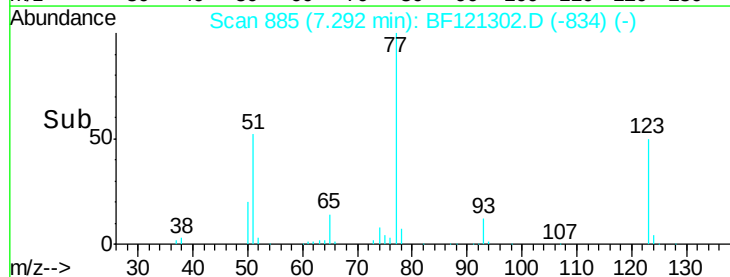
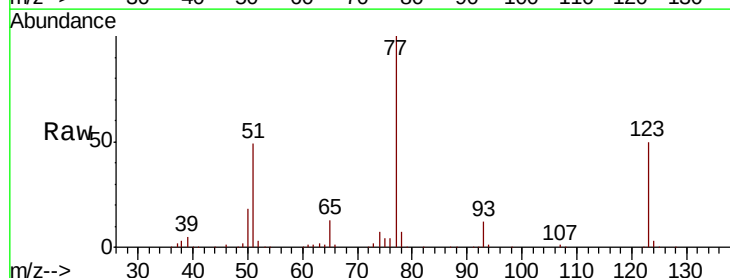
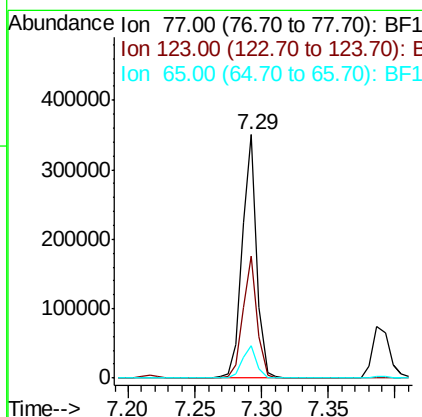
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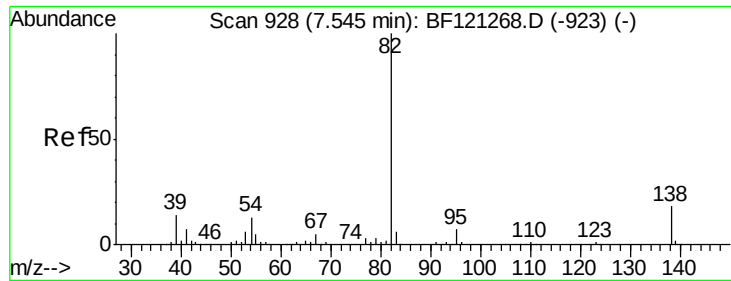


#24  
 Nitrobenzene  
 Concen: 35.273 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 262977 |       |       |
| 123     | 50.4  |        | 40.3  | 60.5  |
| 65      | 13.1  |        | 10.2  | 15.4  |







#25

Isophorone

Concen: 34.541 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

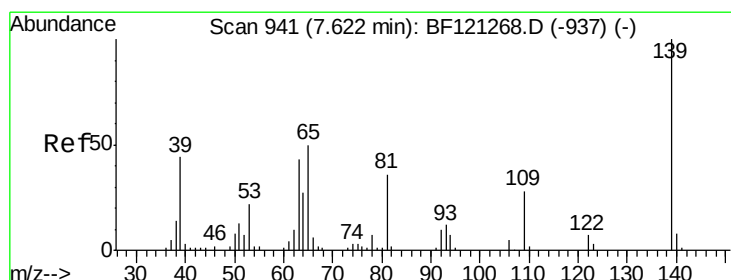
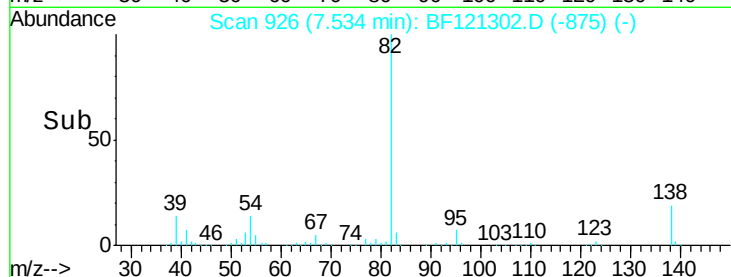
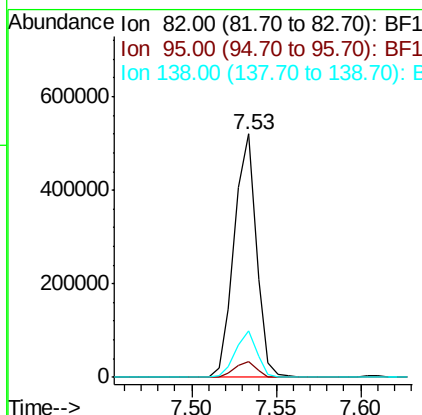
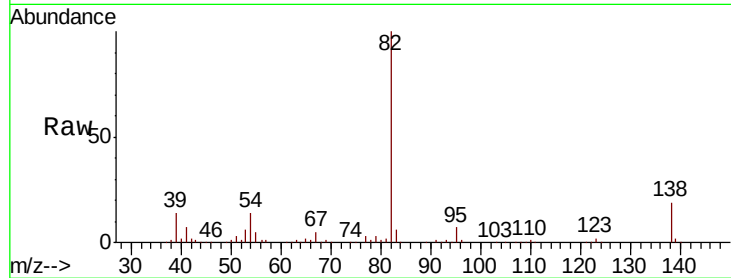
ClientSampleId :

PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 476492 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.4   | 8.2    |
| 138       | 18.9  | 15.6  | 23.4   |

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#26

2-Nitrophenol

Concen: 37.441 ng

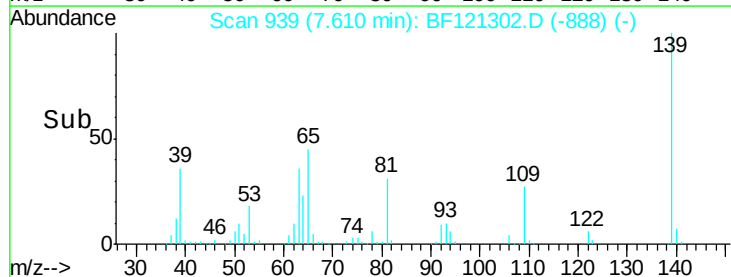
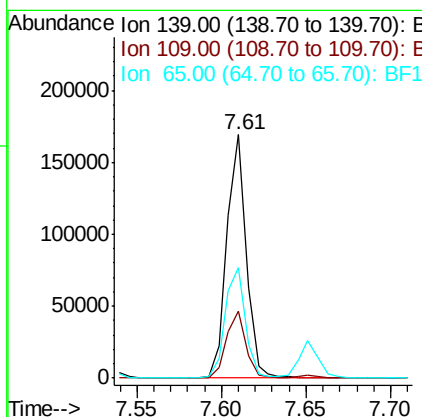
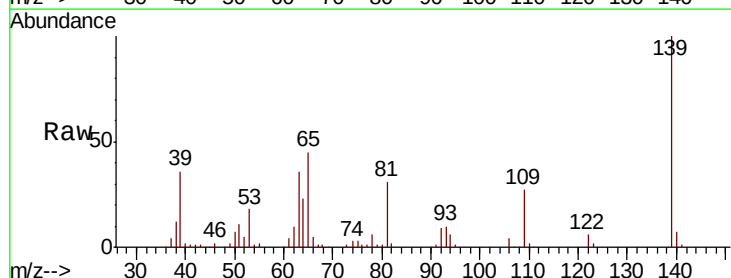
RT: 7.61 min Scan# 939

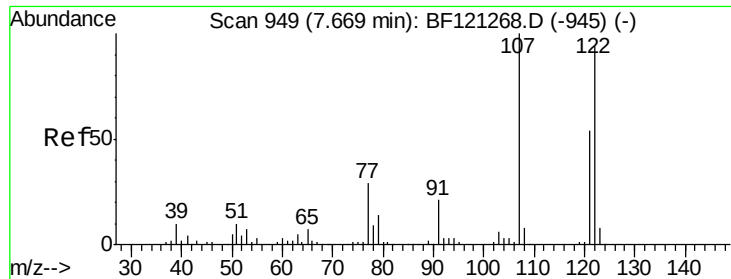
Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 135249 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 27.3  | 20.8  | 31.2   |
| 65        | 45.2  | 36.4  | 54.6   |





#27

2,4-Dimethylphenol

Concen: 39.387 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

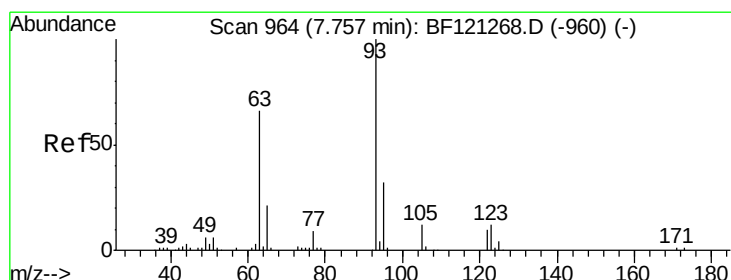
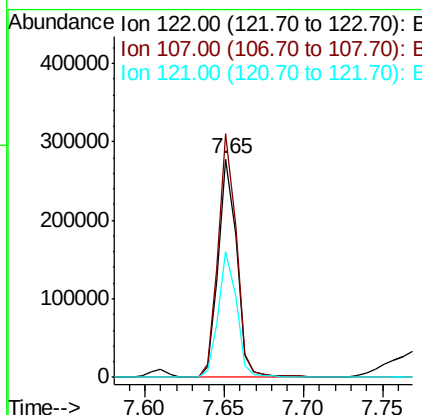
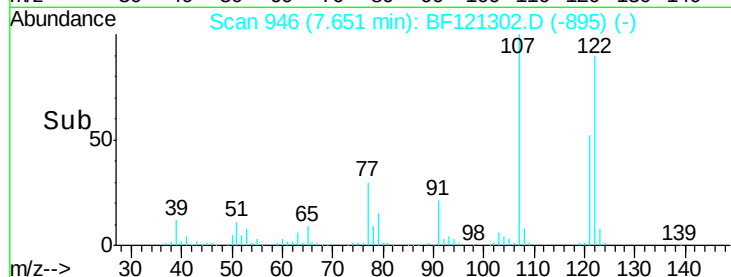
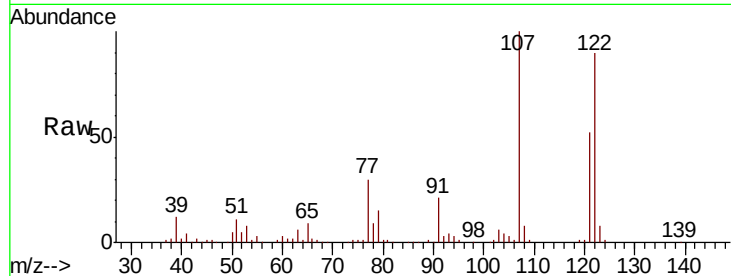
ClientSampleId :

PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 227966 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 111.4 | 87.2  | 130.8  |
| 121       | 57.9  | 45.7  | 68.5   |

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#28

bis(2-Chloroethoxy)methane

Concen: 39.670 ng

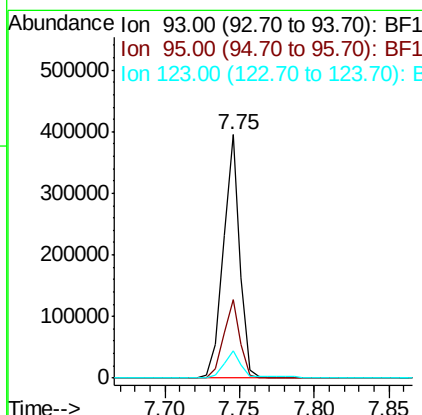
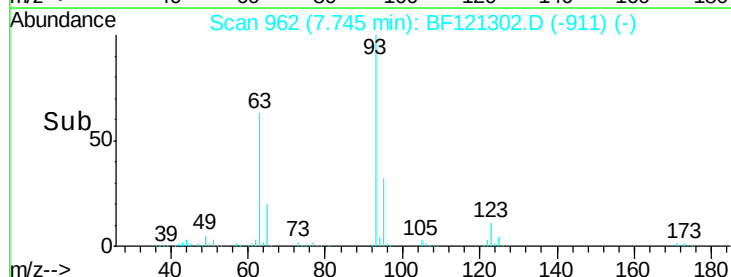
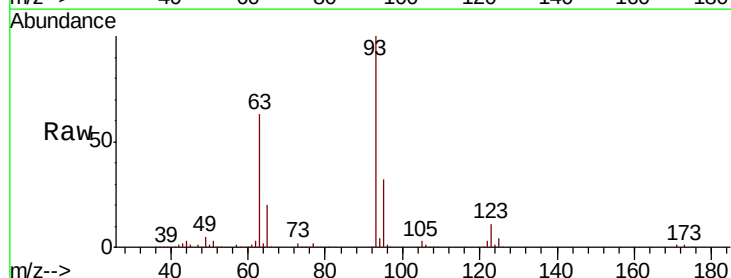
RT: 7.75 min Scan# 962

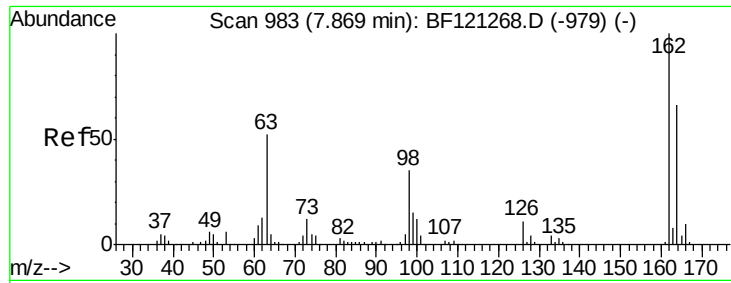
Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 306094 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.3  | 26.7  | 40.1   |
| 123       | 11.2  | 9.1   | 13.7   |





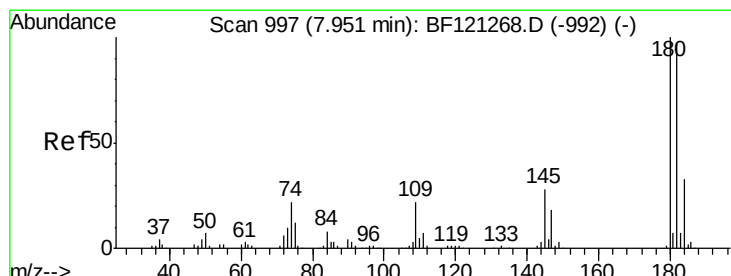
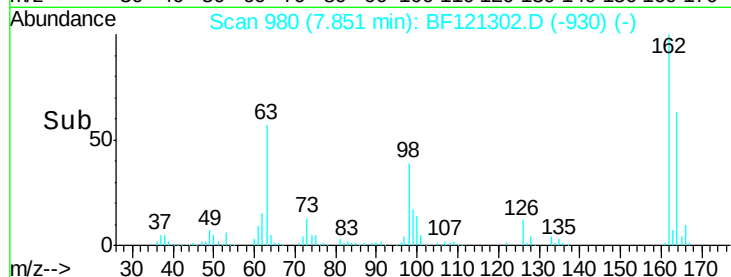
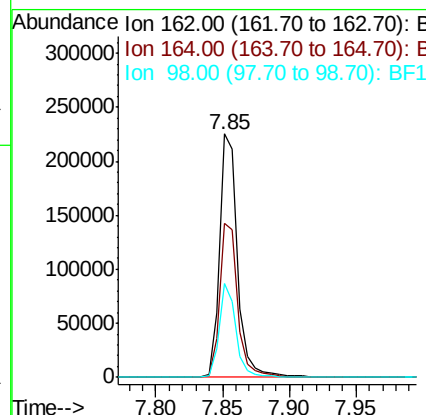
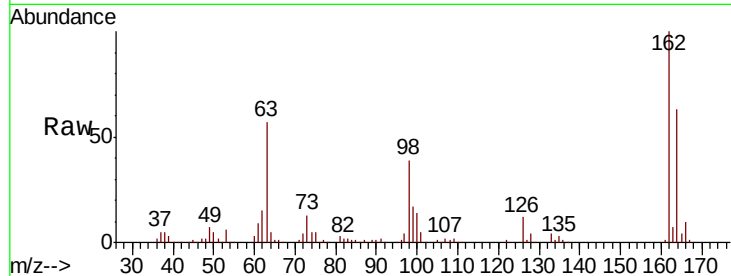
#29  
2,4-Dichlorophenol  
Concen: 36.175 ng  
RT: 7.85 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 214105 |       |       |
| 164     | 63.5 | 45.0  | 85.0   |       |       |
| 98      | 38.7 | 13.7  | 53.7   |       |       |

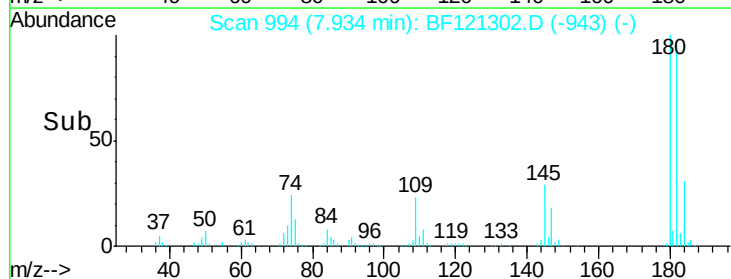
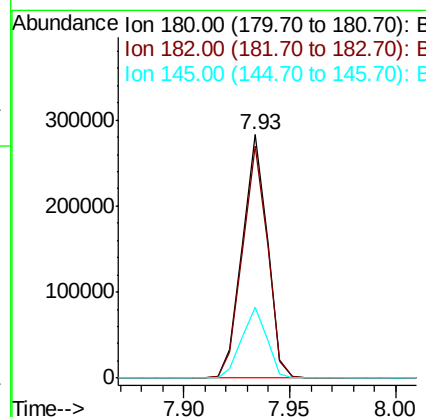
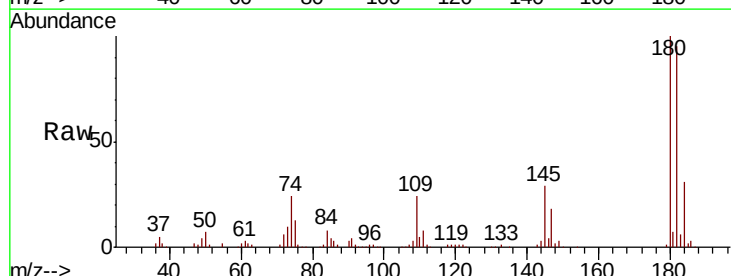
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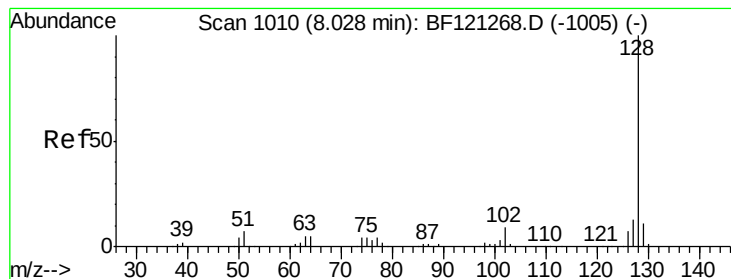
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#30  
1,2,4-Trichlorobenzene  
Concen: 35.355 ng  
RT: 7.93 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 230955 |       |       |
| 182     | 95.2 | 75.8  | 113.6  |       |       |
| 145     | 29.1 | 23.4  | 35.0   |       |       |





#31

Naphthalene

Concen: 34.077 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

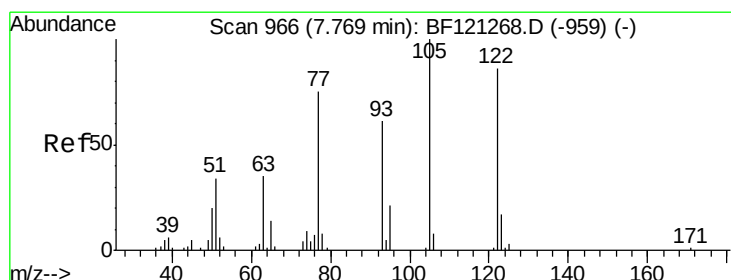
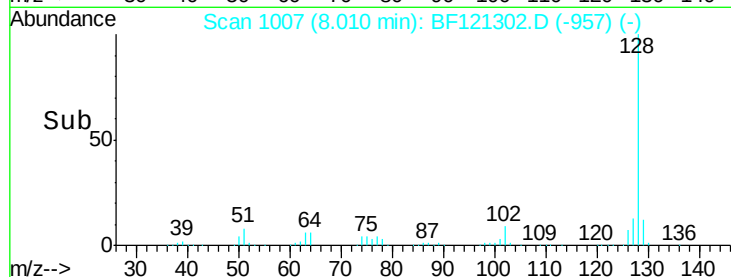
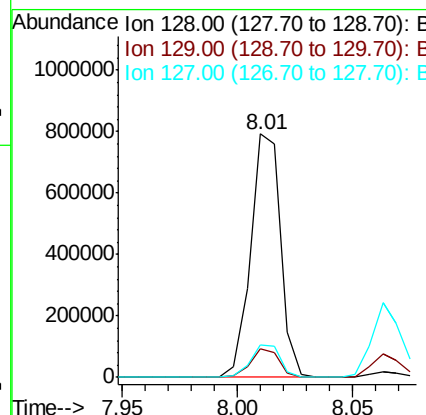
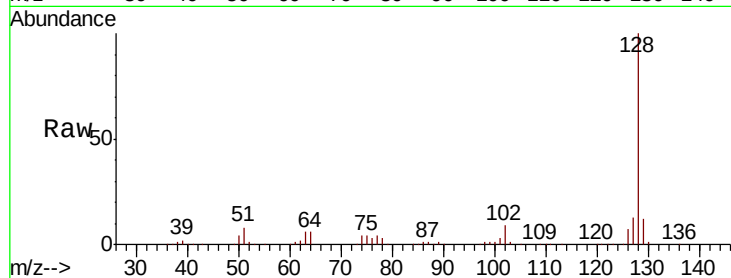
ClientSampleId :

PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 719927 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 8.8   | 13.2   |
| 127       | 13.3  | 10.6  | 15.8   |

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#32

Benzoic acid

Concen: 32.259 ng

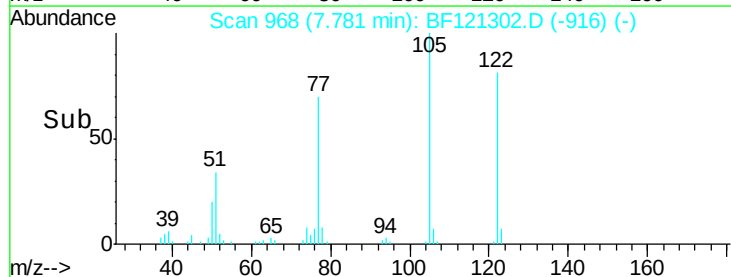
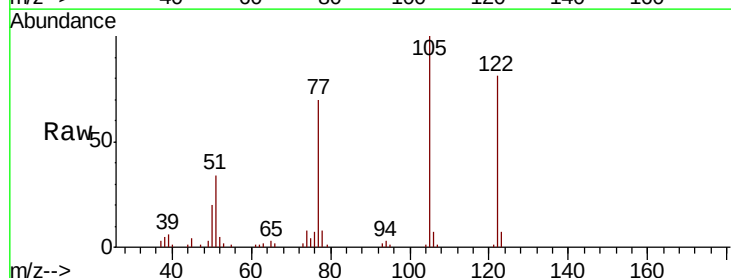
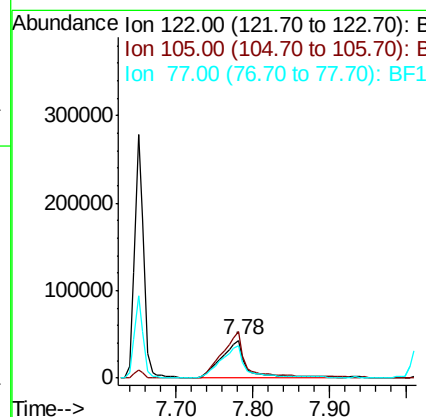
RT: 7.78 min Scan# 968

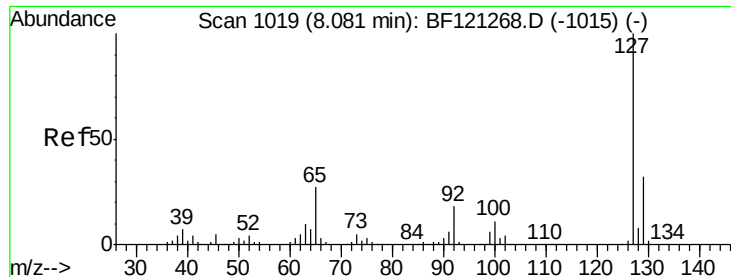
Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 93813 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 123.2 | 101.1 | 141.1 |
| 77        | 86.4  | 67.8  | 107.8 |





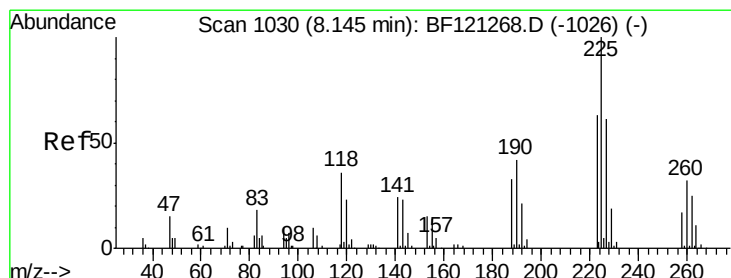
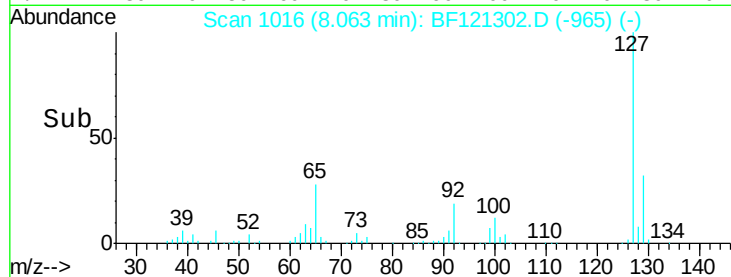
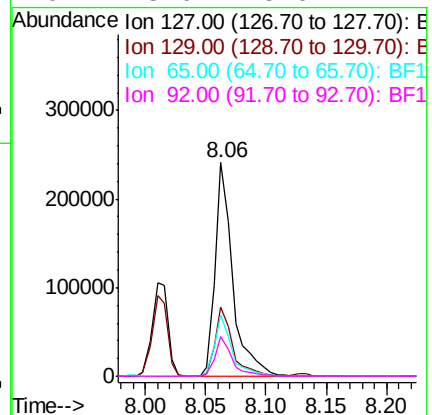
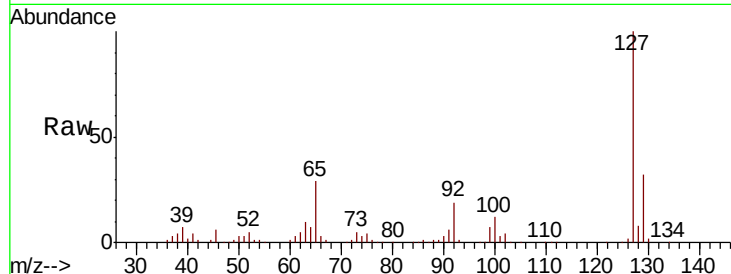
#33  
4-Chloroaniline  
Concen: 28.123 ng  
RT: 8.06 min Scan# 1016  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 242465 |       |       |
| 129     | 32.3  | 25.7   | 38.5  |       |
| 65      | 28.9  | 22.9   | 34.3  |       |
| 92      | 18.6  | 15.0   | 22.4  |       |

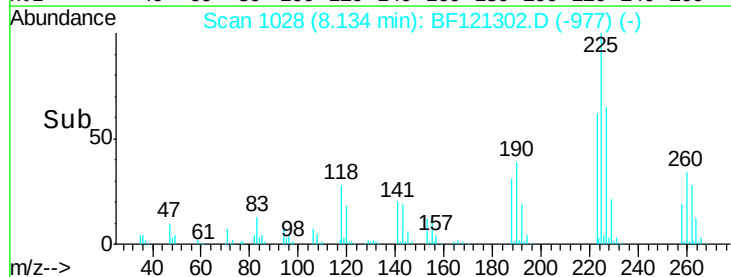
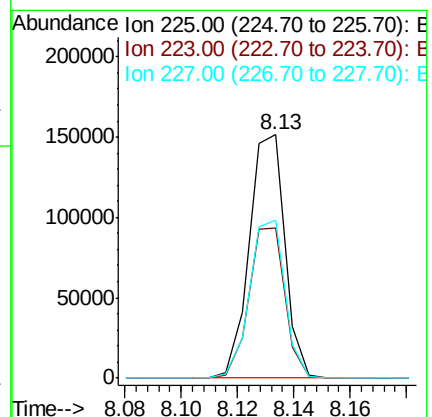
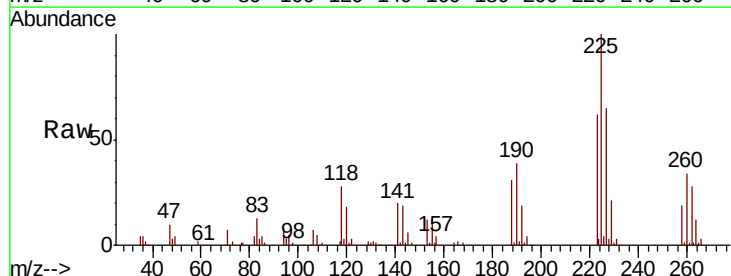
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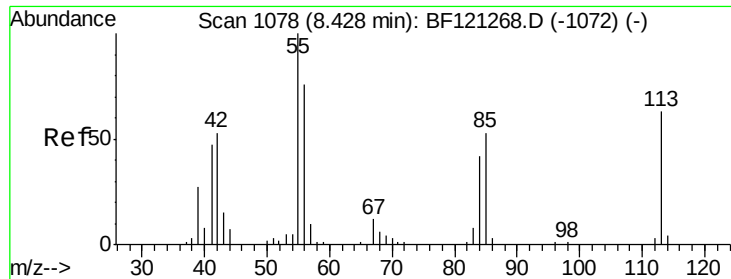
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#34  
Hexachlorobutadiene  
Concen: 33.552 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 132608 |       |       |
| 223     | 61.9  | 51.0   | 76.4  |       |
| 227     | 64.7  | 51.0   | 76.4  |       |





#35

Caprolactam

Concen: 39.245 ng/mL

RT: 8.43 min Scan# 1079

Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

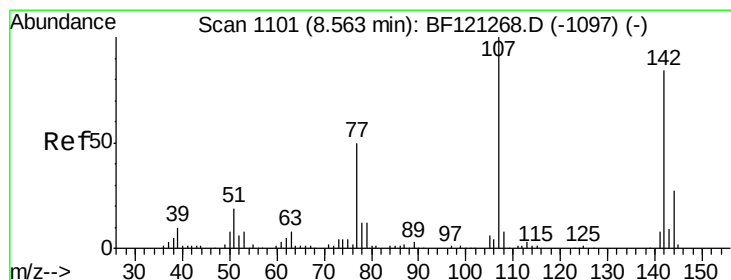
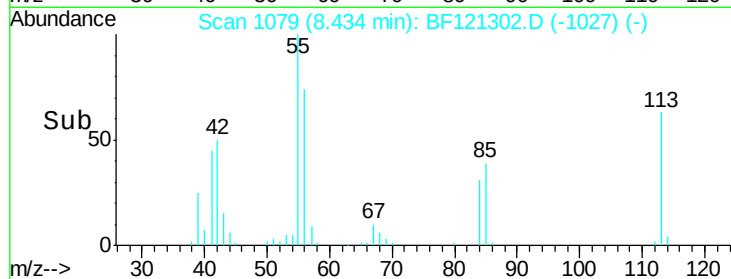
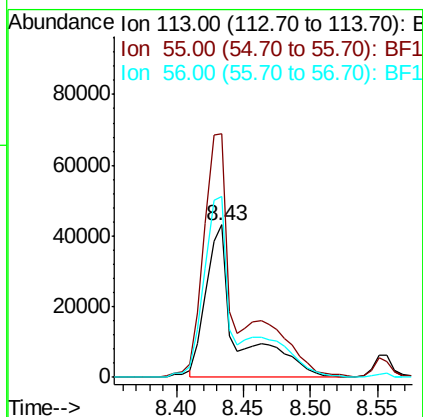
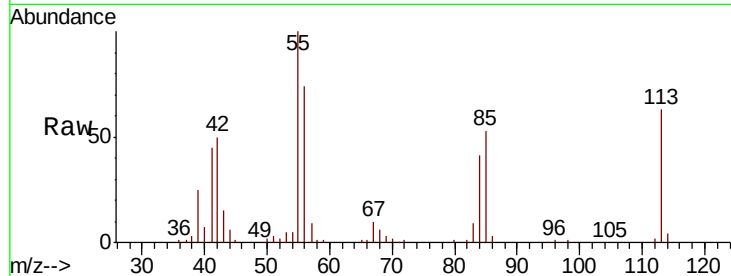
ClientSampleID :

PB131001BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 69962 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 159.8 | 146.1 | 186.1 |
| 56       | 118.4 | 103.3 | 143.3 |

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#36

4-Chloro-3-methylphenol

Concen: 37.357 ng/mL

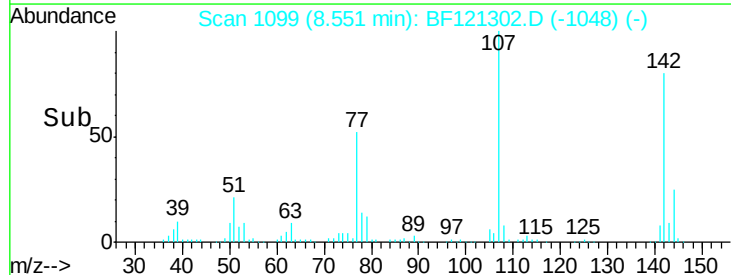
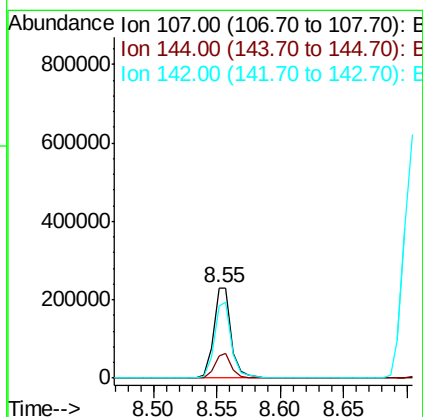
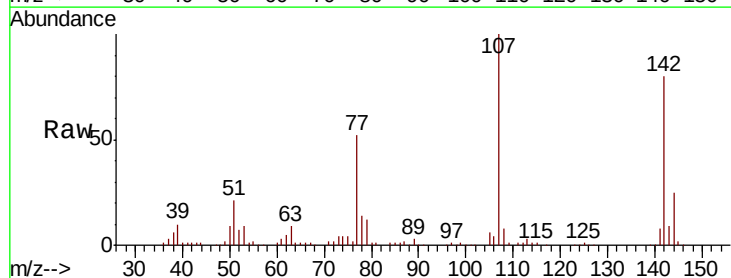
RT: 8.55 min Scan# 1099

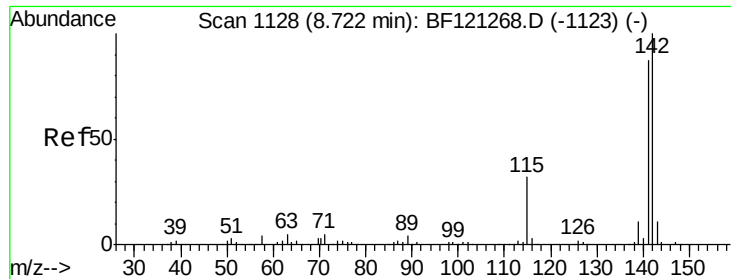
Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 225580 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 24.9  | 20.4  | 30.6   |
| 142      | 79.9  | 63.8  | 95.8   |





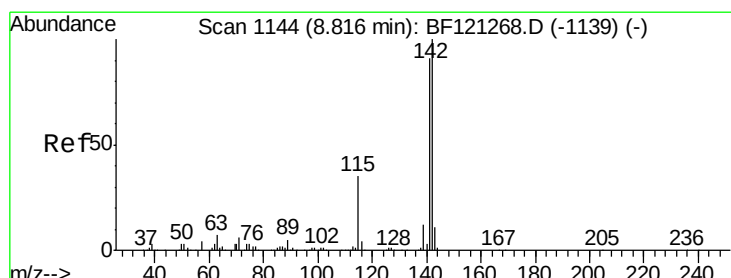
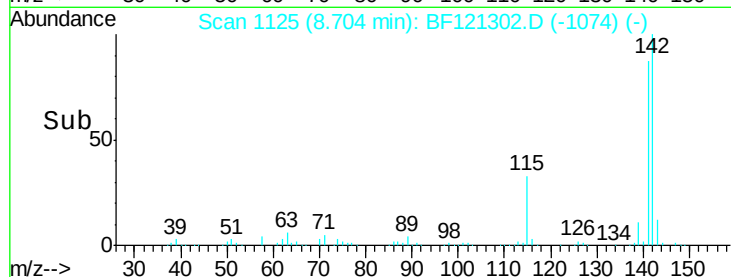
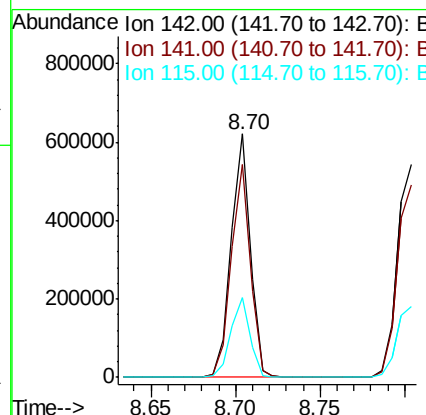
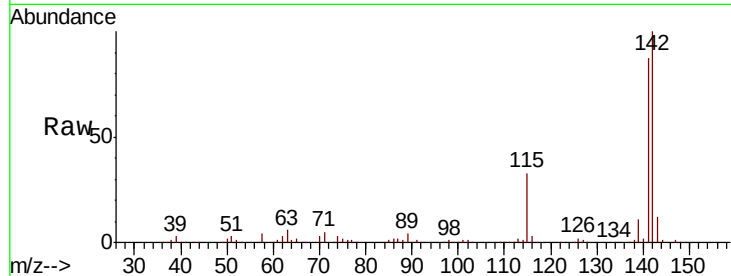
#37  
2-Methylnaphthalene  
Concen: 35.101 ng  
RT: 8.70 min Scan# 1125  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.4  | 69.2  | 103.8 |
| 115     | 32.6  | 25.8  | 38.8  |

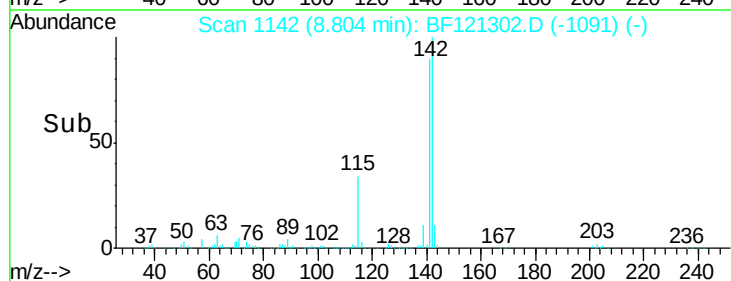
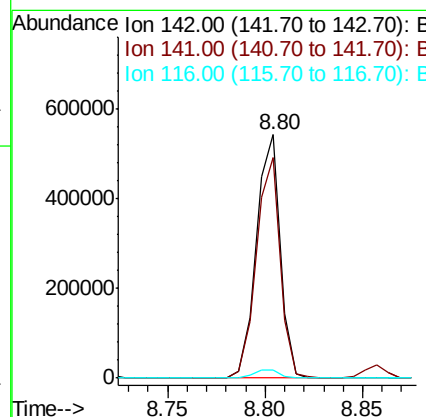
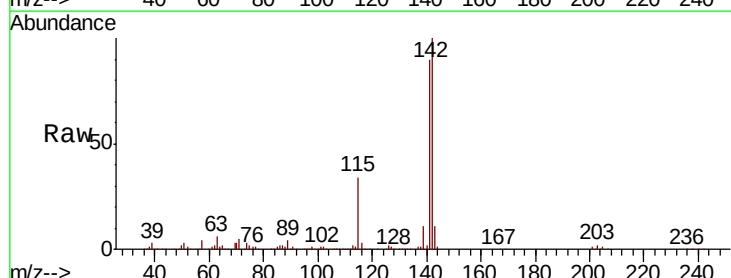
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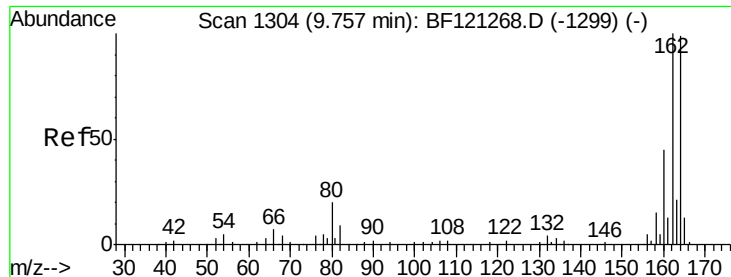
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#38  
1-Methylnaphthalene  
Concen: 34.980 ng  
RT: 8.80 min Scan# 1142  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 72.6  | 109.0 |
| 116     | 3.4   | 2.8   | 4.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

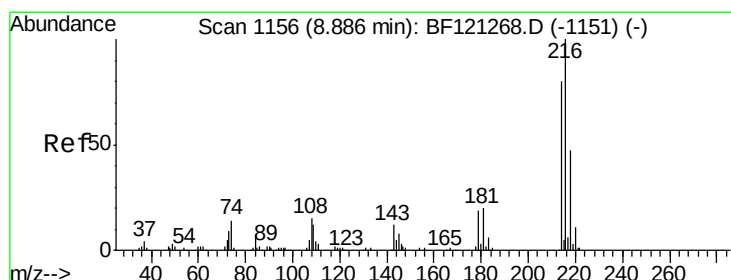
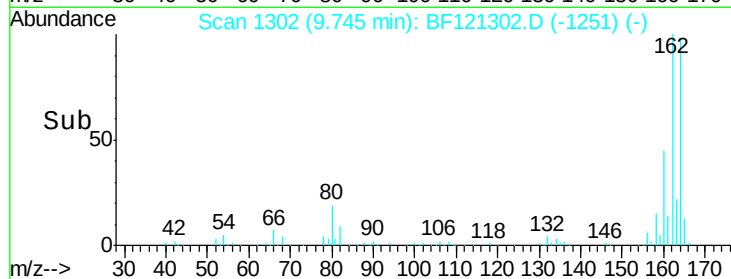
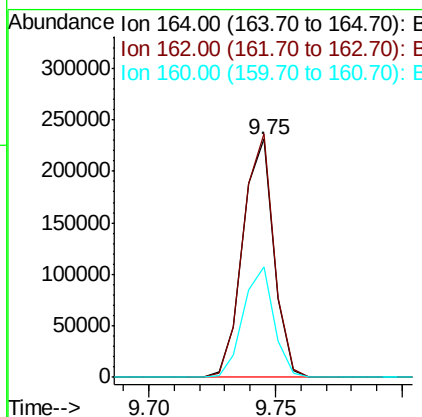
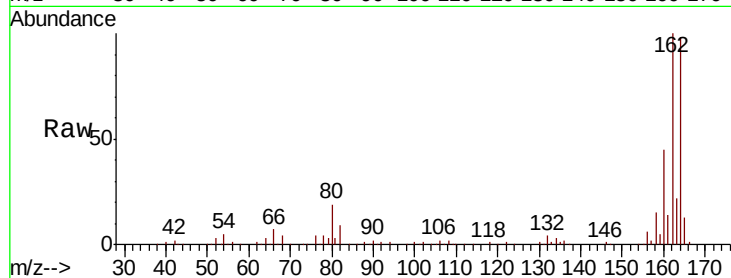
ClientSampleId :

PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 196216 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.2 | 80.2  | 120.2  |
| 160       | 46.4  | 36.5  | 54.7   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.077 ng

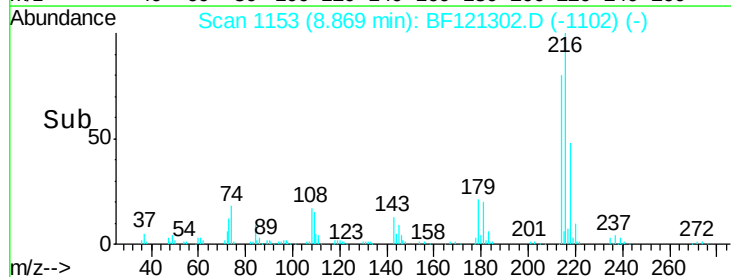
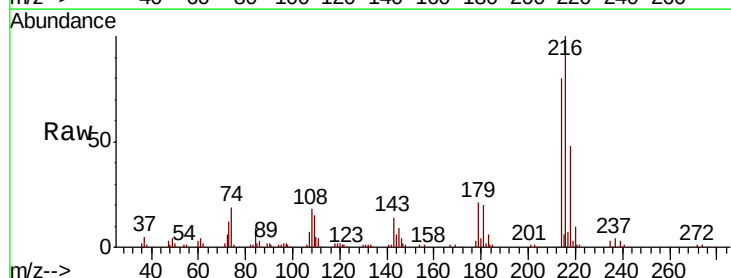
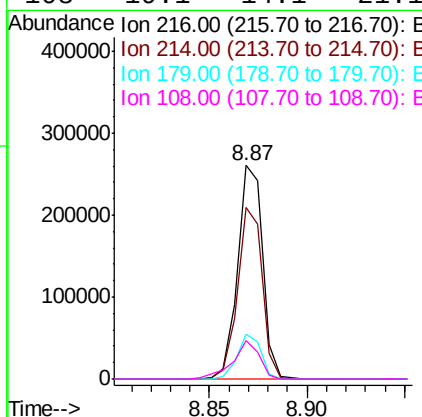
RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

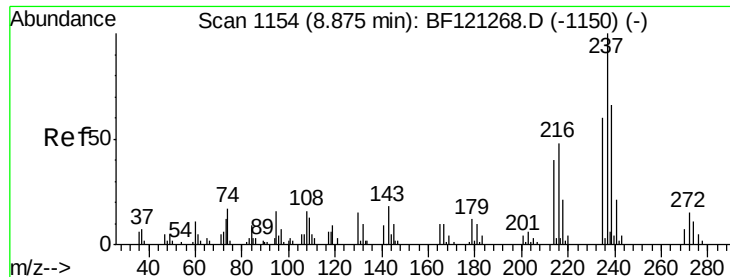
Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 230616 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.1  | 63.2  | 94.8   |
| 179       | 20.2  | 15.8  | 23.6   |
| 108       | 19.1  | 14.1  | 21.1   |







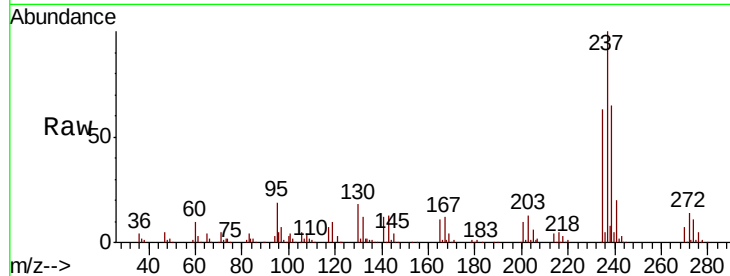
#41  
Hexachlorocyclopentadiene  
Concen: 71.599 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

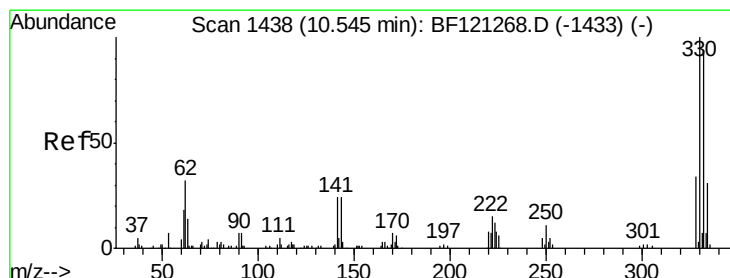
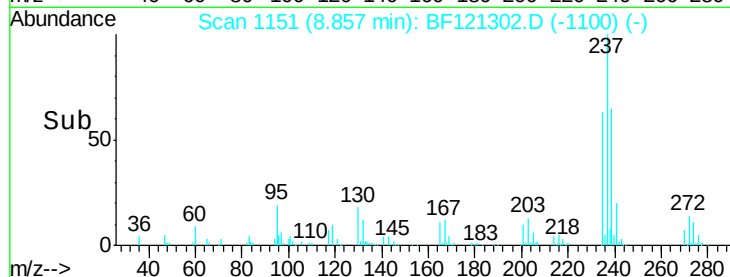
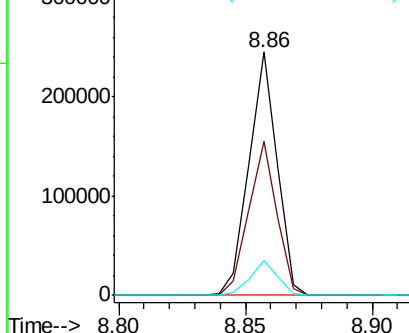
| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 63.4  | 41.5       | 81.5       |
| 272     | 14.1  | 0.0        | 34.2       |

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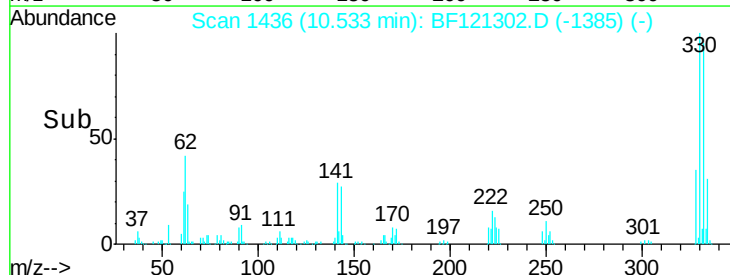
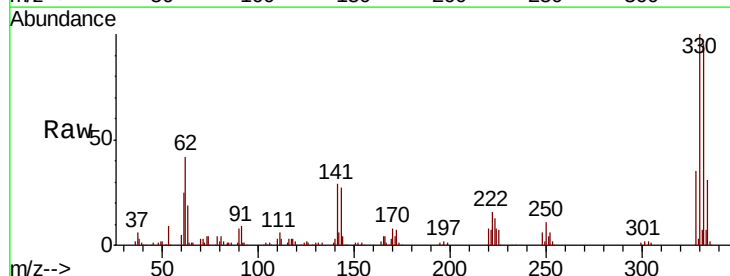
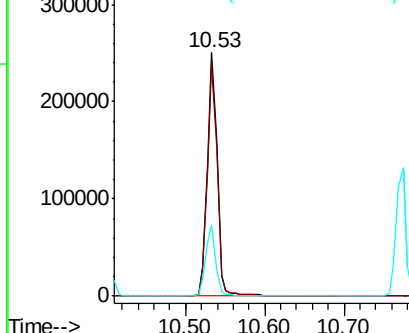
Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

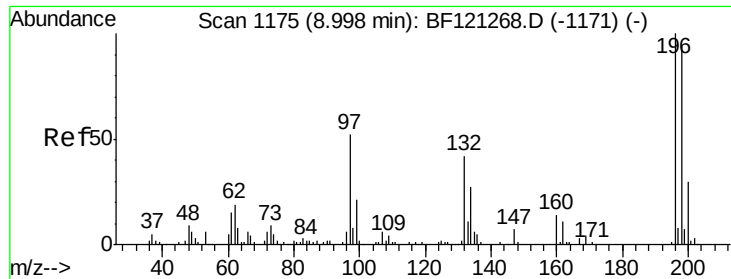


#42  
2,4,6-Tribromophenol  
Concen: 92.562 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 94.7  | 77.4       | 116.0      |
| 141     | 29.2  | 24.2       | 36.4       |

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





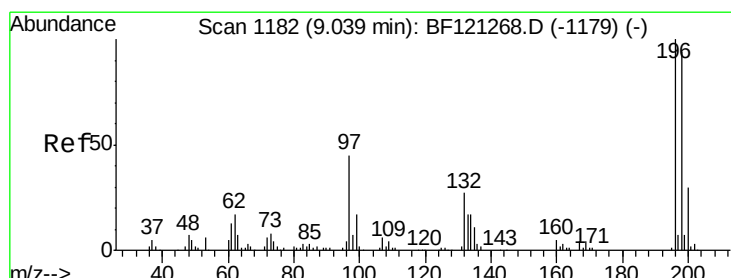
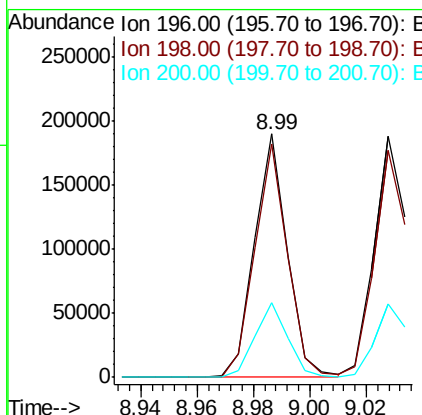
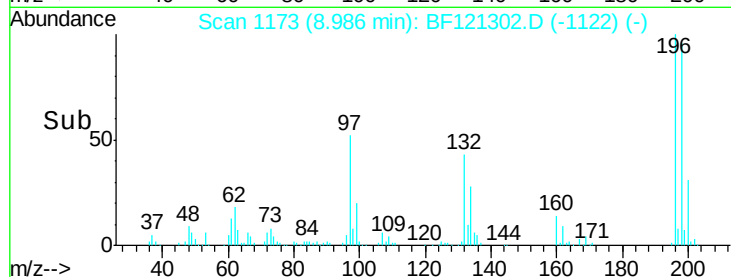
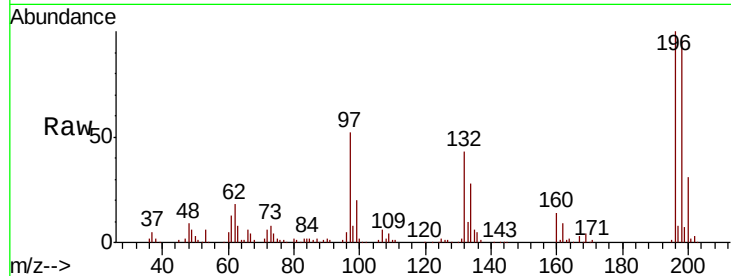
#43  
 2,4,6-Trichlorophenol  
 Concen: 36.629 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 153155 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.0  | 76.9  | 115.3  |
| 200       | 30.6  | 24.6  | 37.0   |

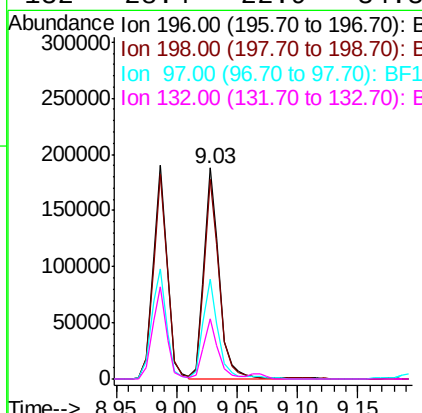
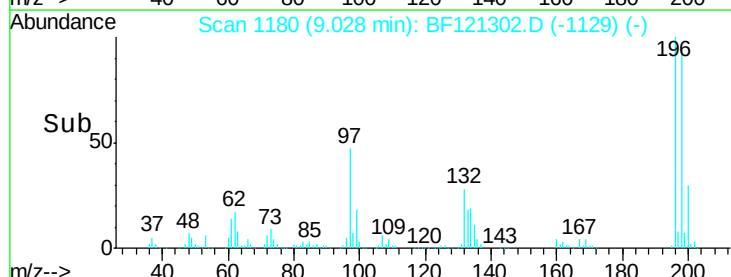
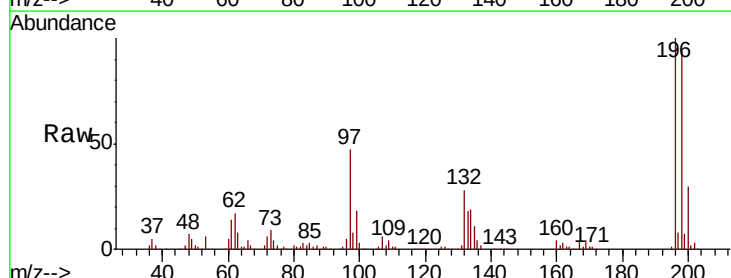
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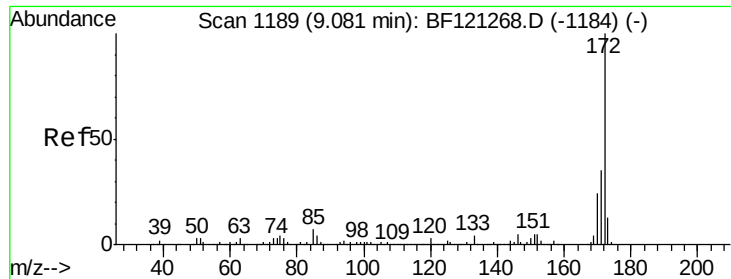
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#44  
 2,4,5-Trichlorophenol  
 Concen: 36.590 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 166175 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.4  | 75.5  | 113.3  |
| 97        | 47.2  | 39.4  | 59.2   |
| 132       | 28.4  | 22.9  | 34.3   |





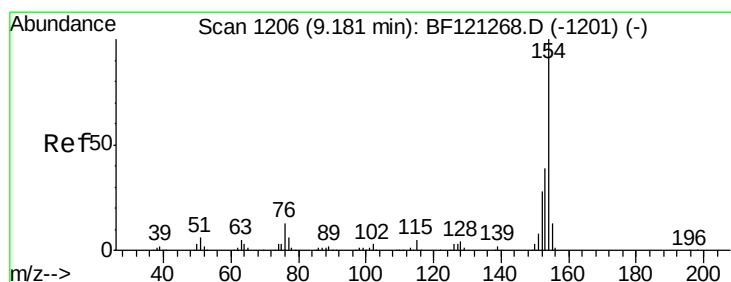
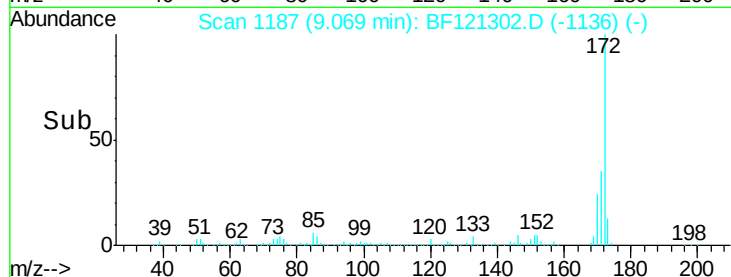
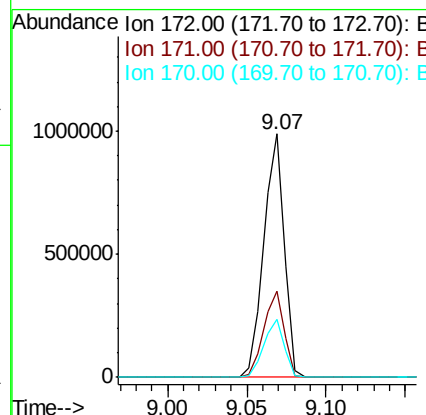
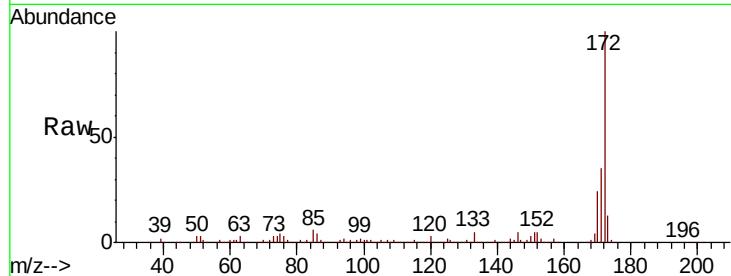
#45  
2-Fluorobiphenyl  
Concen: 62.808 ng  
RT: 9.07 min Scan# 1187  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 28.8  | 43.2  |
| 170     | 24.0  | 19.3  | 28.9  |

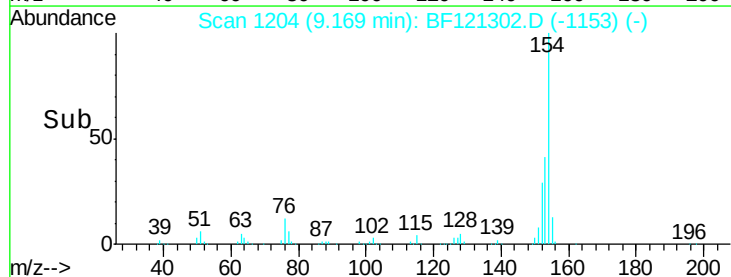
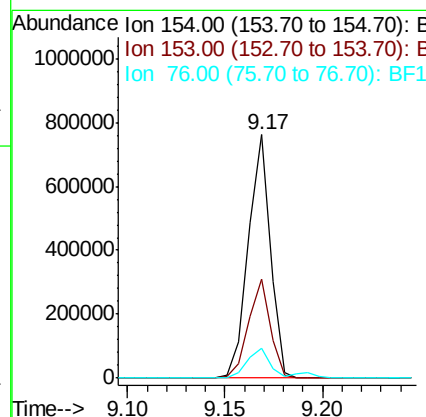
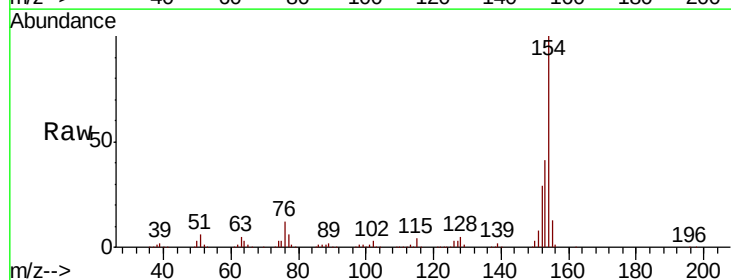
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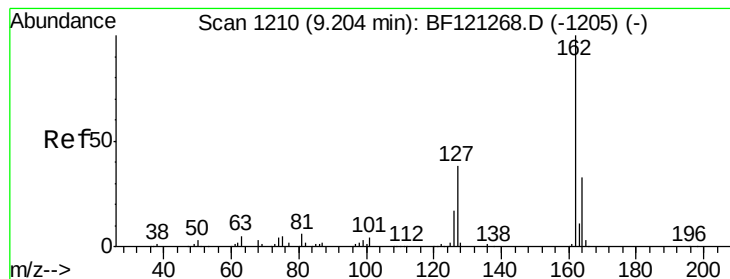
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#46  
1,1'-Biphenyl  
Concen: 35.272 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 20.5  | 60.5  |
| 76      | 12.4  | 0.0   | 31.9  |





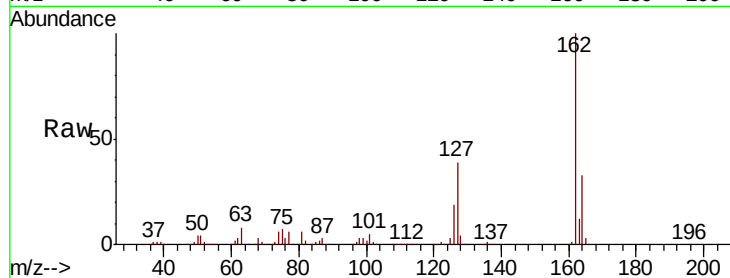
#47  
 2-Chloronaphthalene  
 Concen: 35.126 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

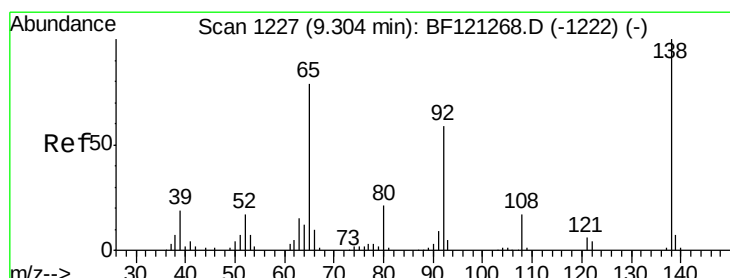
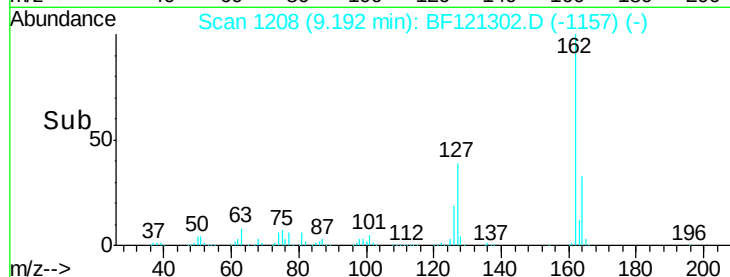
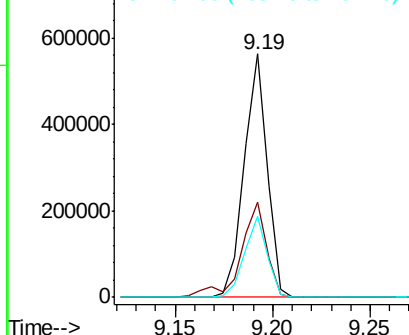
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 39.3  | 31.4 | 47.2  |       |
| 164     | 33.3  | 26.5 | 39.7  |       |

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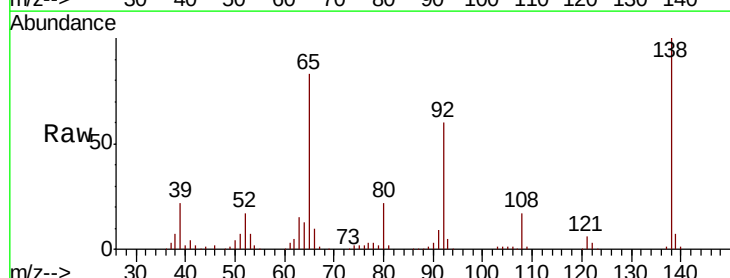


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

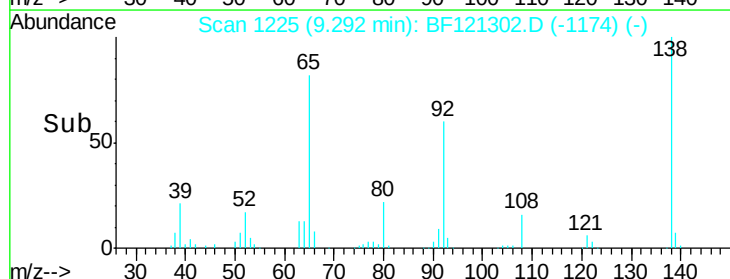
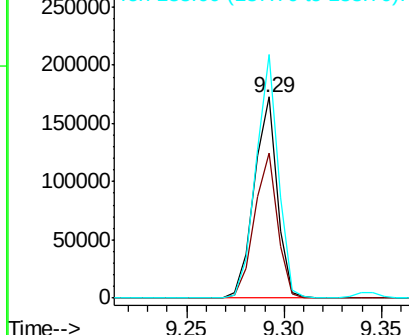


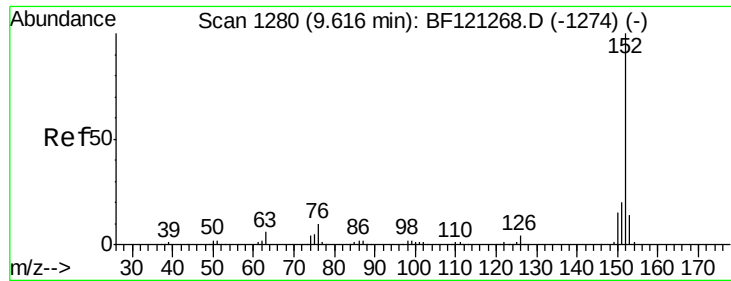
#48  
 2-Nitroaniline  
 Concen: 38.679 ng  
 RT: 9.29 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 92      | 72.2  | 58.2 | 87.2  |       |
| 138     | 121.0 | 97.5 | 146.3 |       |



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





#49

Acenaphthylene

Concen: 35.480 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

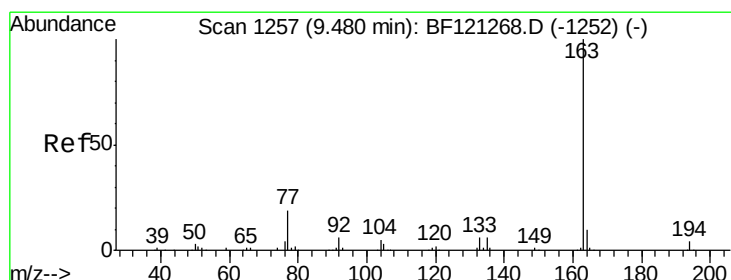
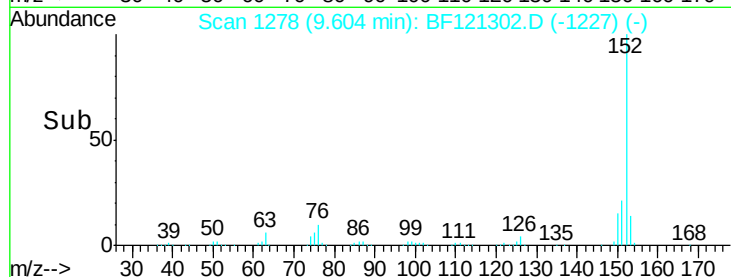
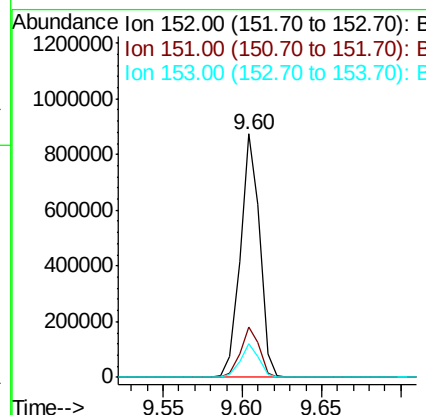
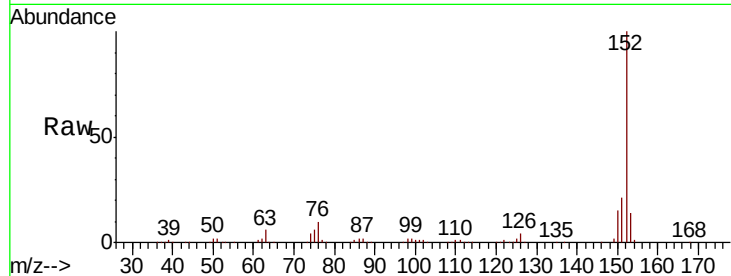
ClientSampleId :

PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 735464 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 16.2  | 24.4   |
| 153       | 13.7  | 10.6  | 15.8   |

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#50

Dimethylphthalate

Concen: 37.411 ng

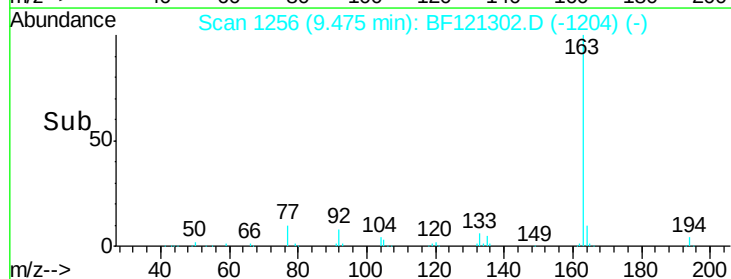
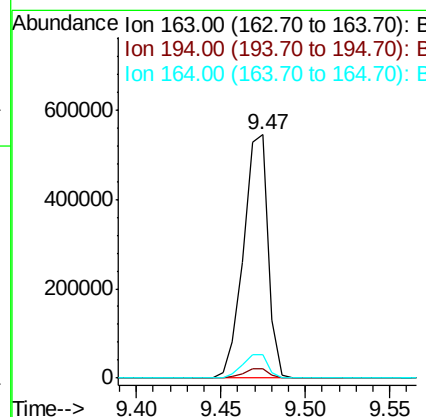
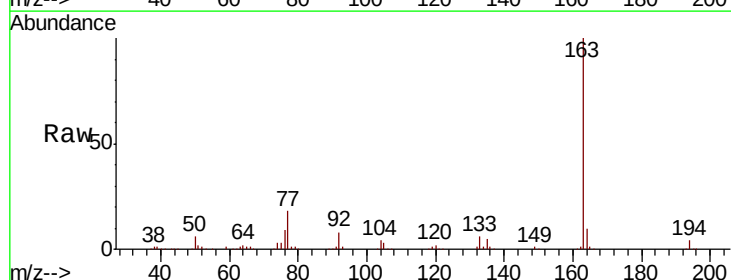
RT: 9.47 min Scan# 1256

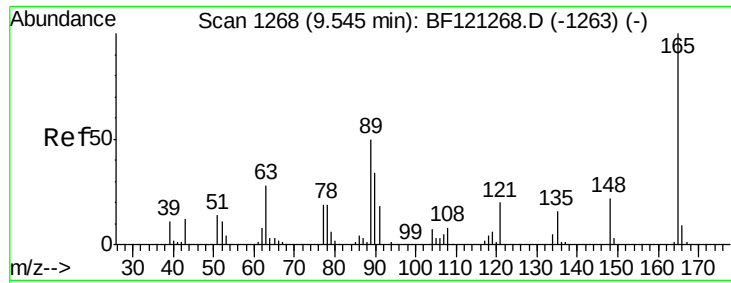
Delta R.T. 0.01 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 552374 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.8   | 2.9   | 4.3    |
| 164       | 9.8   | 8.4   | 12.6   |





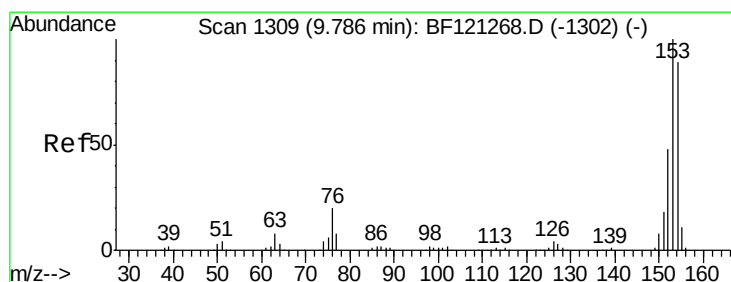
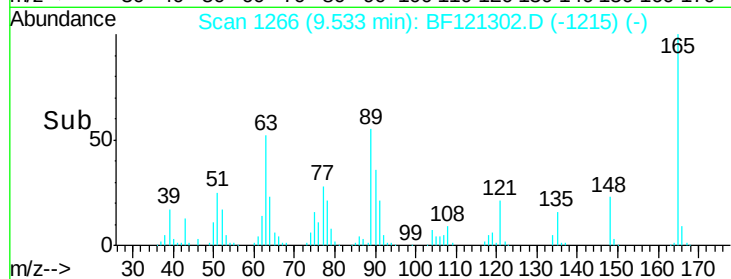
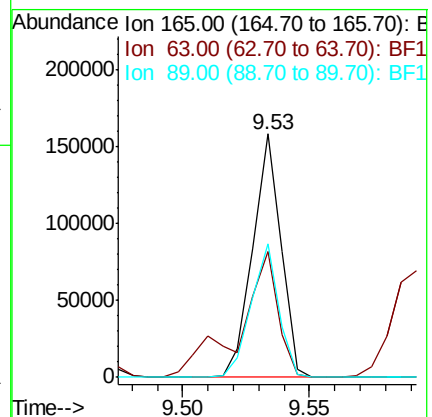
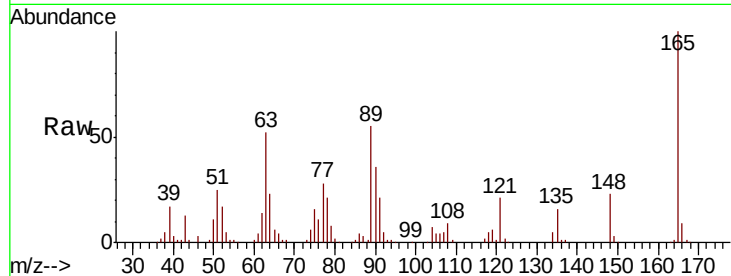
#51  
 2,6-Dinitrotoluene  
 Concen: 37.435 ng  
 RT: 9.53 min Scan# 1266  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 123210 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 51.9  | 42.0  | 63.0   |
| 89        | 54.7  | 44.7  | 67.1   |

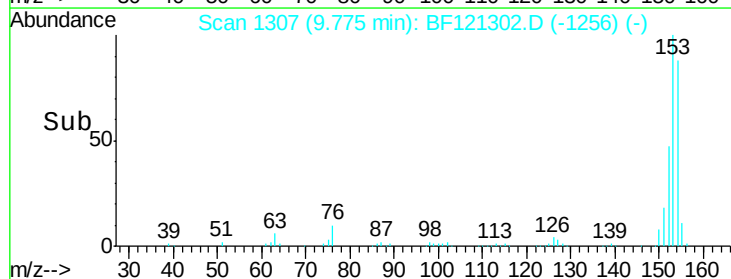
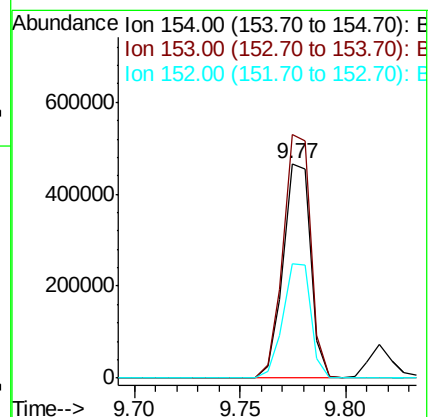
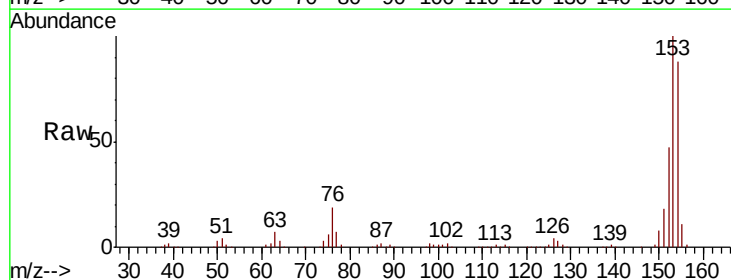
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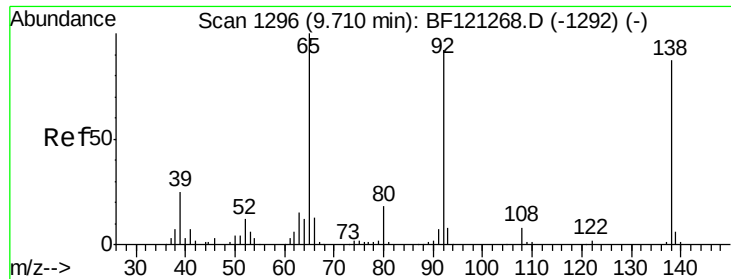
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#52  
 Acenaphthene  
 Concen: 34.731 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 426248 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.6 | 88.0  | 132.0  |
| 152       | 53.6  | 43.0  | 64.4   |





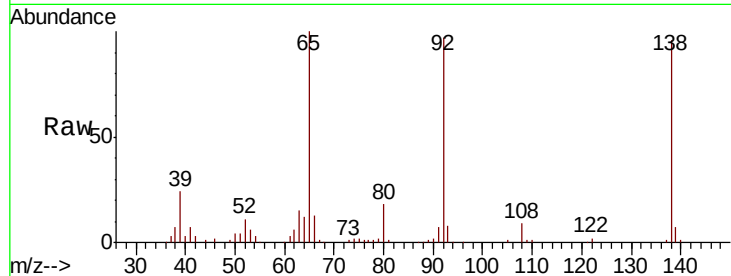
#53  
3-Nitroaniline  
Concen: 26.941 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

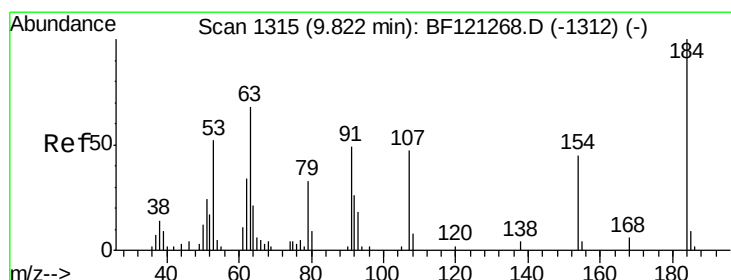
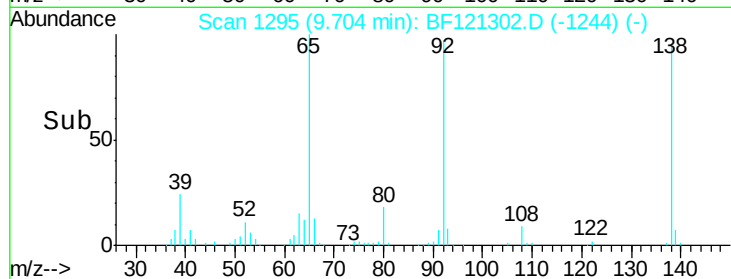
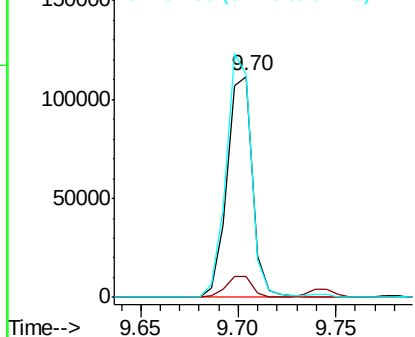
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.3   | 7.6   | 11.4  |
| 92      | 100.9 | 82.6  | 123.8 |

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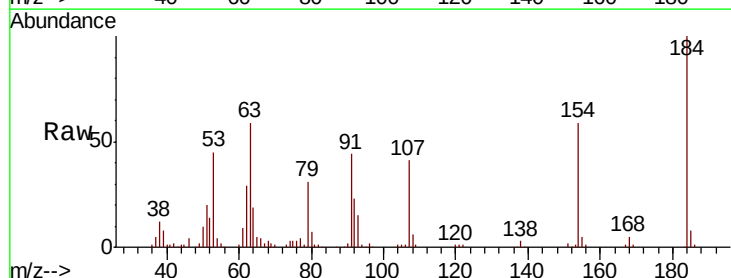


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

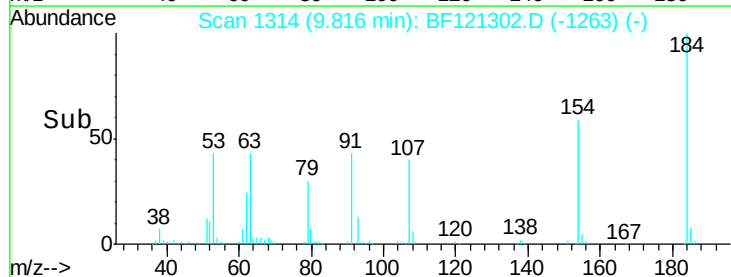
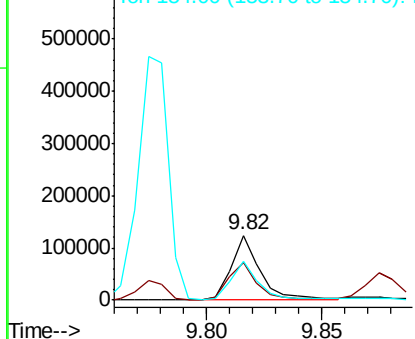


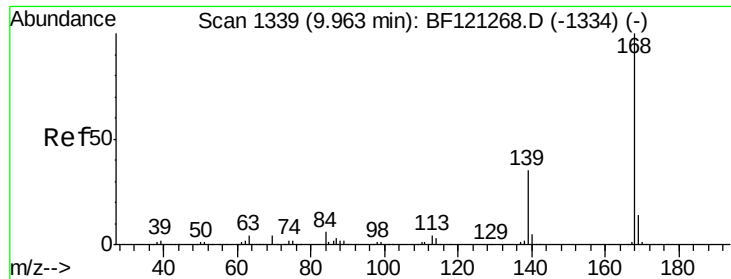
#54  
2,4-Dinitrophenol  
Concen: 65.400 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 58.9  | 45.3  | 67.9  |
| 154     | 59.4  | 46.4  | 69.6  |



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





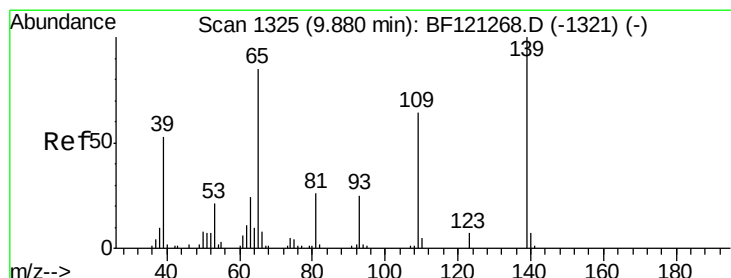
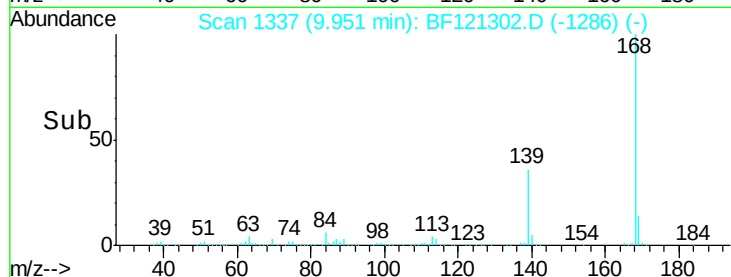
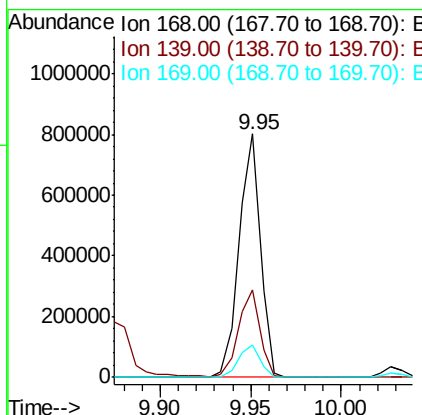
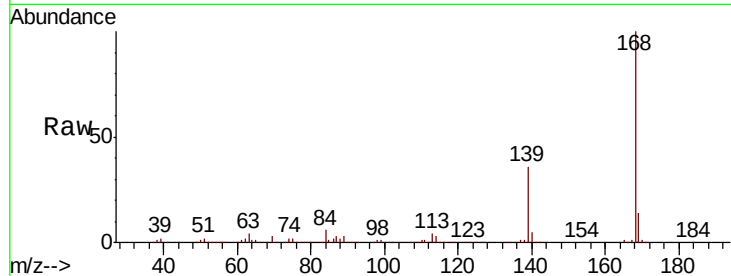
#55  
Dibenzofuran  
Concen: 33.565 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampled :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.1  | 27.9  | 41.9  |
| 169     | 13.5  | 10.5  | 15.7  |

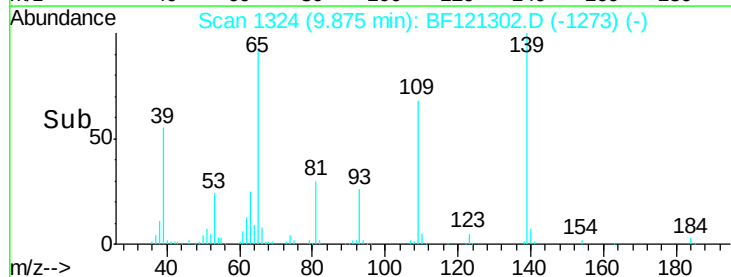
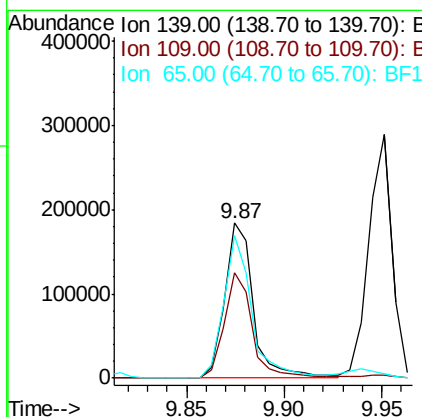
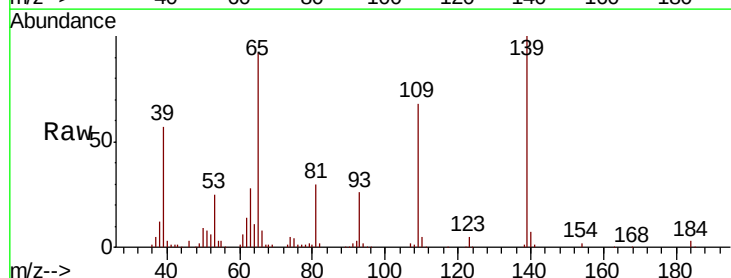
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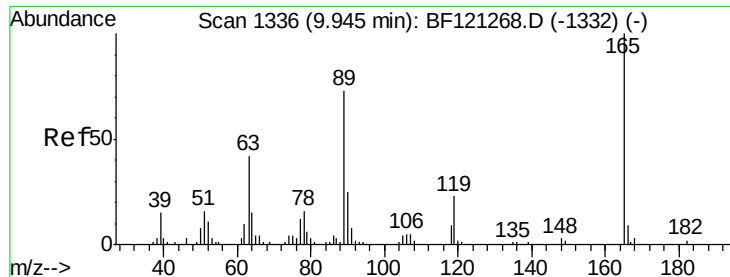


#56  
4-Nitrophenol  
Concen: 77.342 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 67.6  | 44.3  | 84.3  |
| 65      | 91.9  | 62.4  | 102.4 |







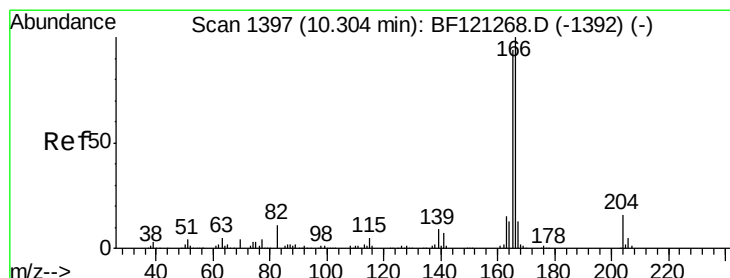
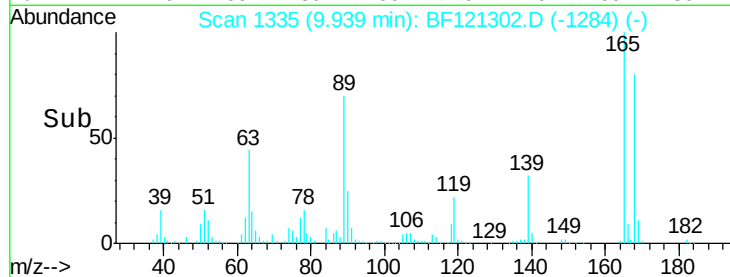
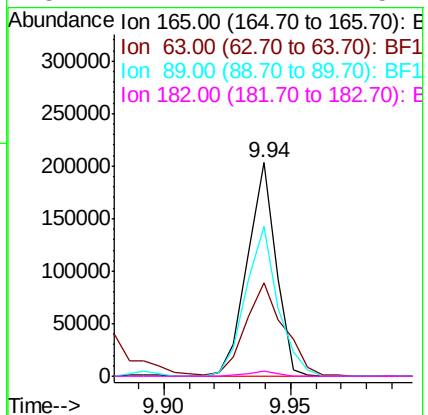
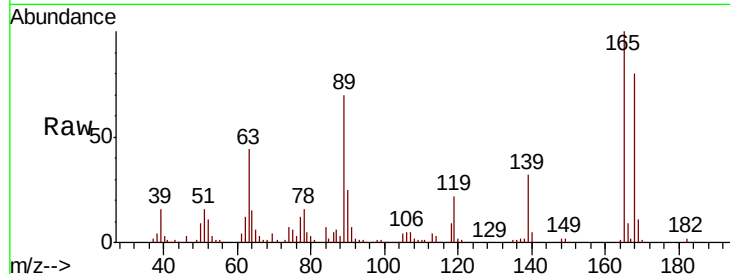
#57  
 2,4-Dinitrotoluene  
 Concen: 37.197 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 160667 |       |       |
| 63      | 43.7  | 31.7   | 47.5  |       |
| 89      | 70.3  | 52.8   | 79.2  |       |
| 182     | 2.4   | 2.1    | 3.1   |       |

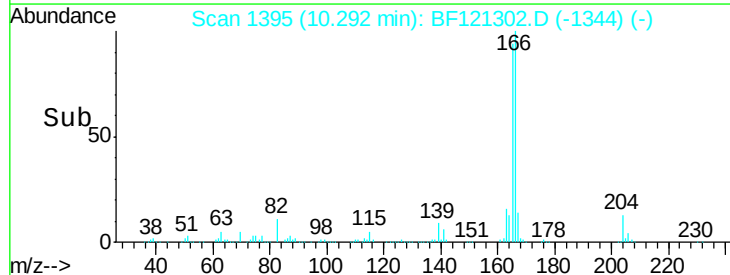
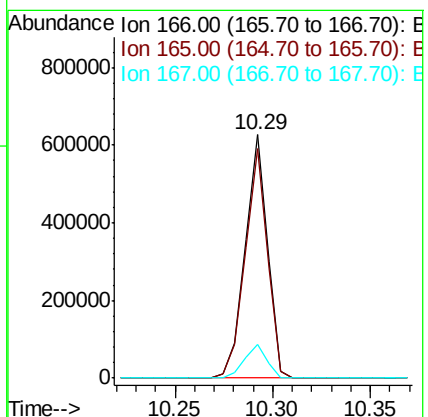
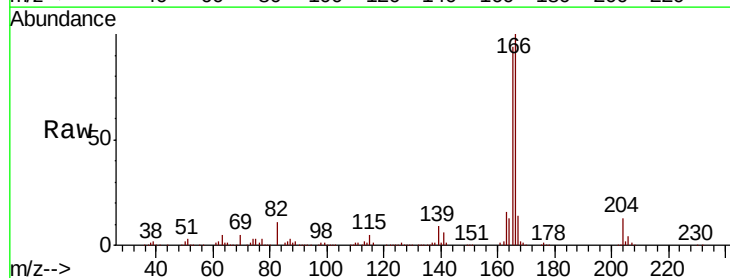
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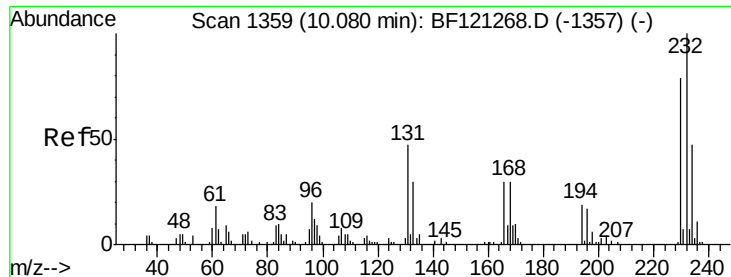
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#58  
 Fluorene  
 Concen: 33.614 ng  
 RT: 10.29 min Scan# 1395  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 497299 |       |       |
| 165     | 94.3  | 74.5   | 111.7 |       |
| 167     | 13.6  | 10.7   | 16.1  |       |





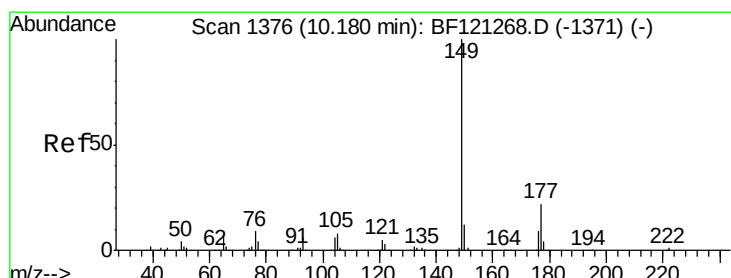
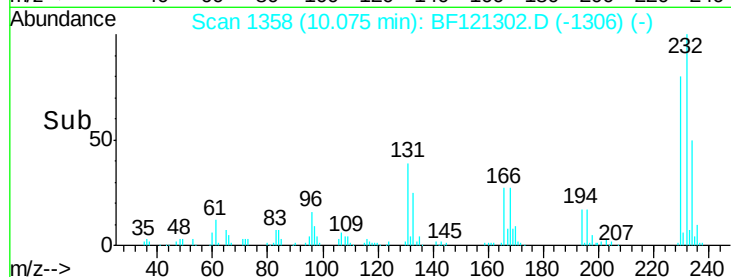
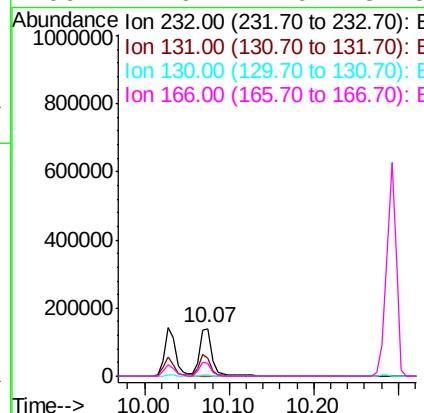
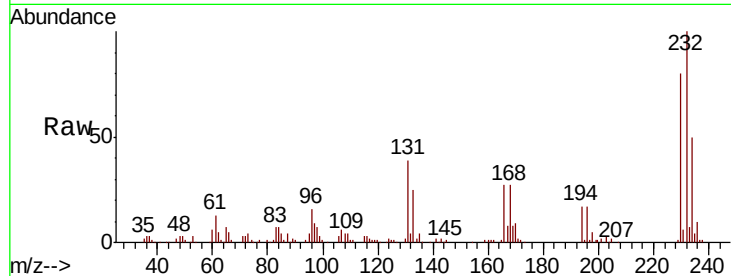
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.601 ng  
 RT: 10.07 min Scan# 1358  
 Delta R.T. 0.01 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 142202 |       |       |
| 131     | 43.1  | 33.6   | 50.4  |       |
| 130     | 1.9   | 1.4    | 2.2   |       |
| 166     | 27.9  | 22.9   | 34.3  |       |

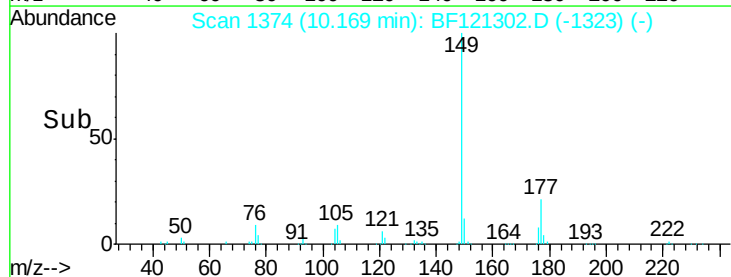
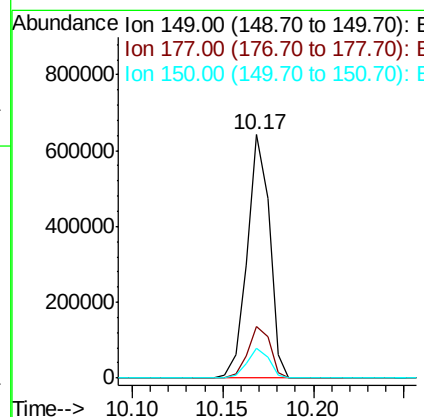
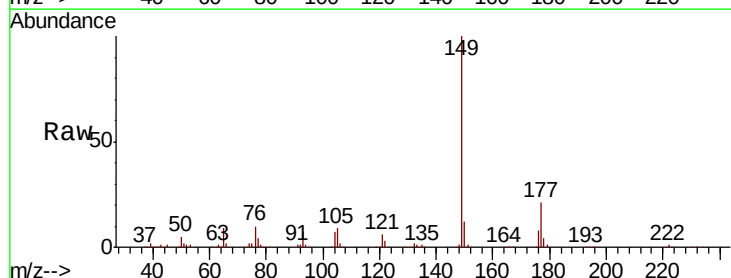
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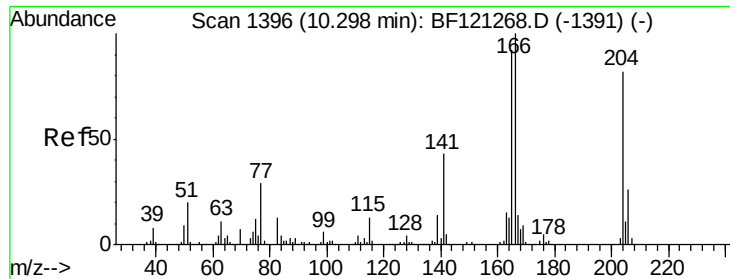
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#60  
 Diethylphthalate  
 Concen: 36.423 ng  
 RT: 10.17 min Scan# 1374  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 546869 |       |       |
| 177     | 21.3  | 17.3   | 25.9  |       |
| 150     | 12.5  | 10.1   | 15.1  |       |





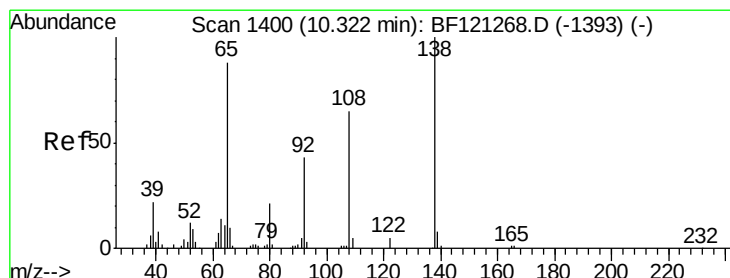
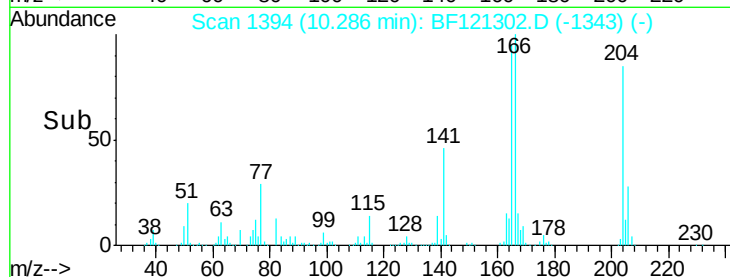
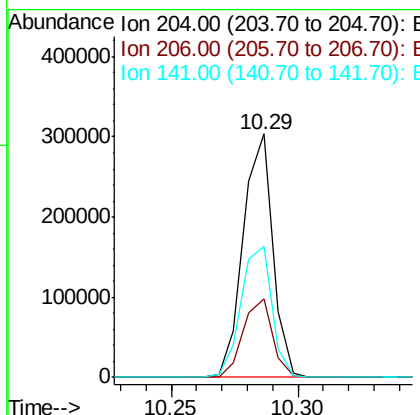
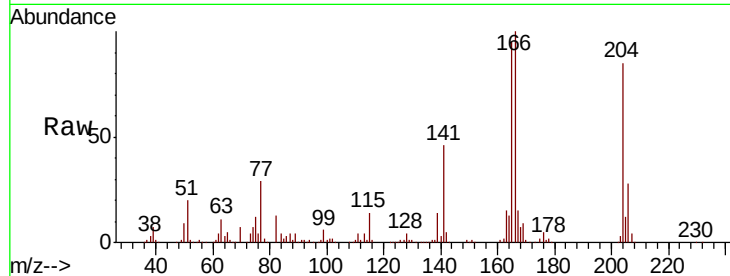
#61  
4-Chlorophenyl-phenylether  
Concen: 34.263 ng  
RT: 10.29 min Scan# 1394  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 26.2  | 39.2  |
| 141     | 53.6  | 41.7  | 62.5  |

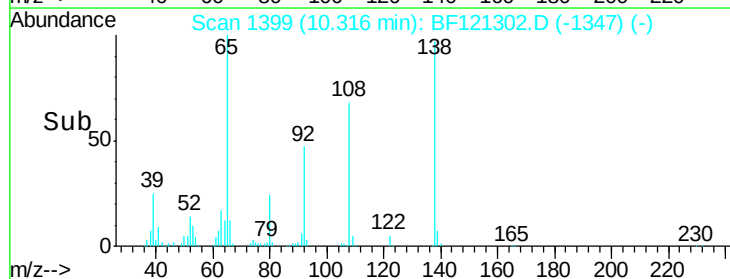
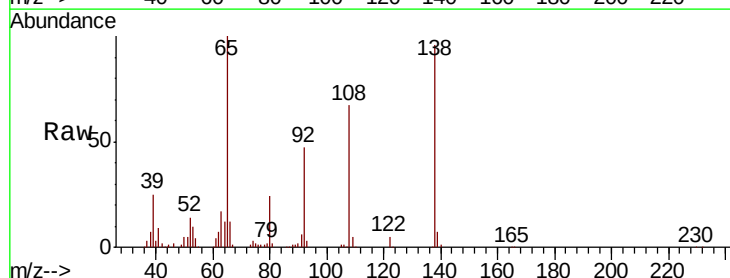
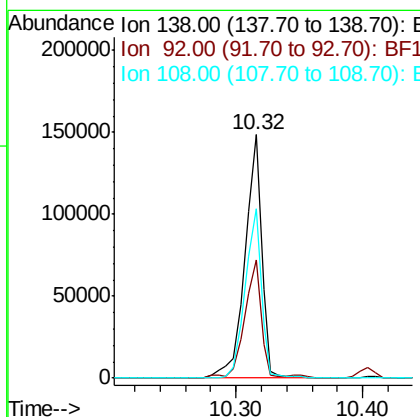
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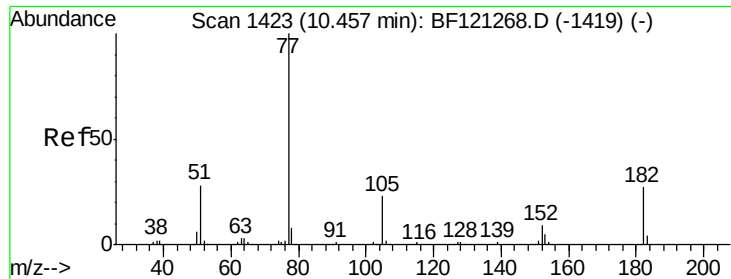
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#62  
4-Nitroaniline  
Concen: 36.107 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.6  | 28.2  | 68.2  |
| 108     | 69.7  | 50.0  | 90.0  |





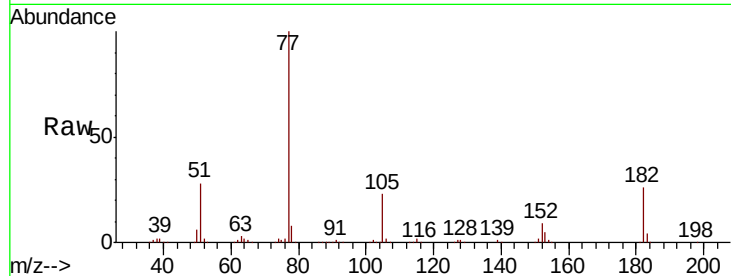
#63  
Azobenzene  
Concen: 34.672 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

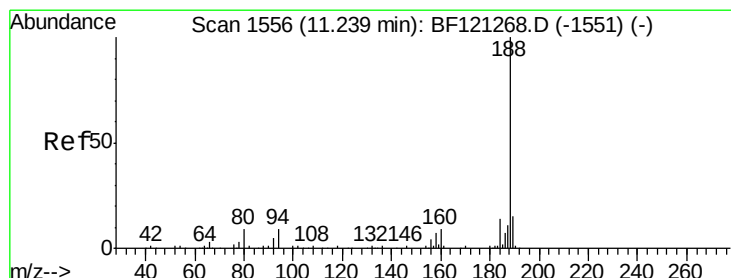
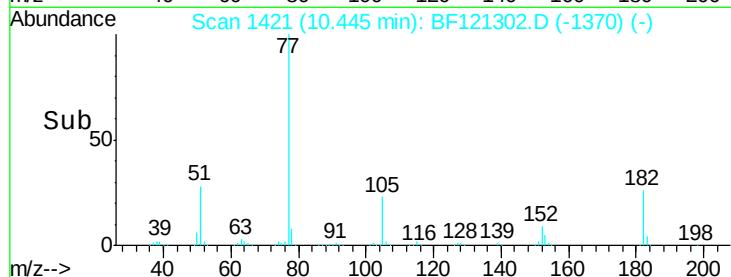
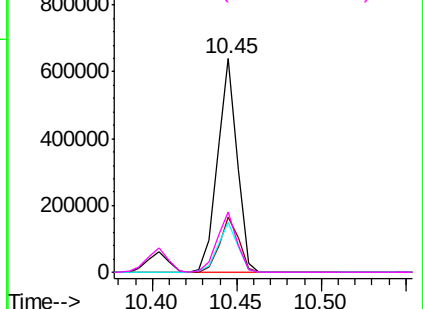
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 520147 |       |       |
| 182     | 26.0 | 6.7   | 46.7   |       |       |
| 105     | 23.5 | 3.7   | 43.7   |       |       |
| 51      | 28.0 | 8.1   | 48.1   |       |       |

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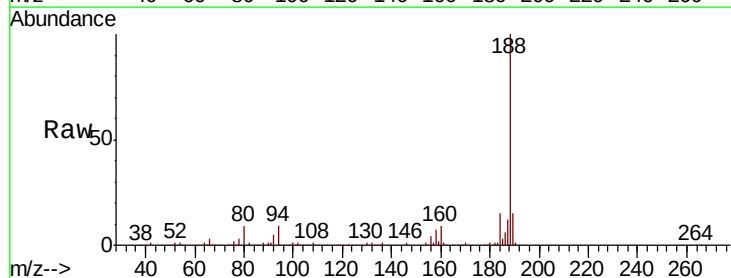


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

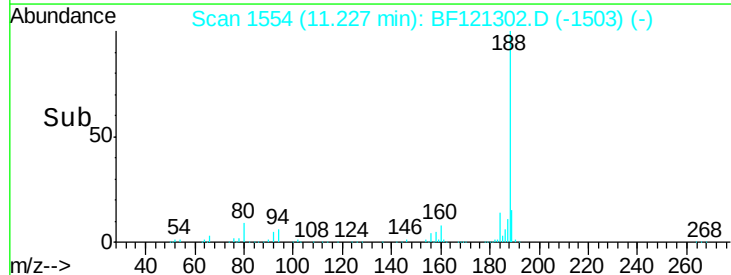
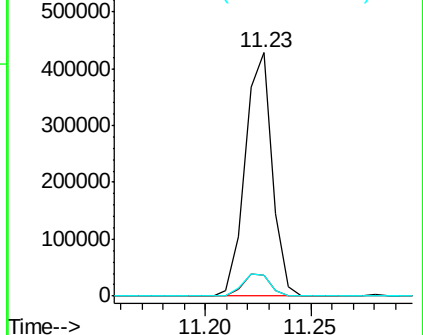


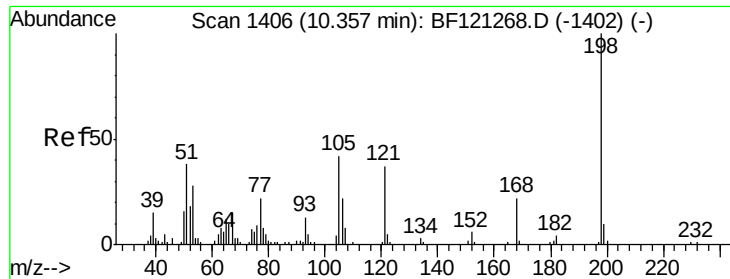
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 379685 |       |       |
| 94      | 8.5 | 6.4   | 9.6    |       |       |
| 80      | 8.8 | 7.0   | 10.4   |       |       |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





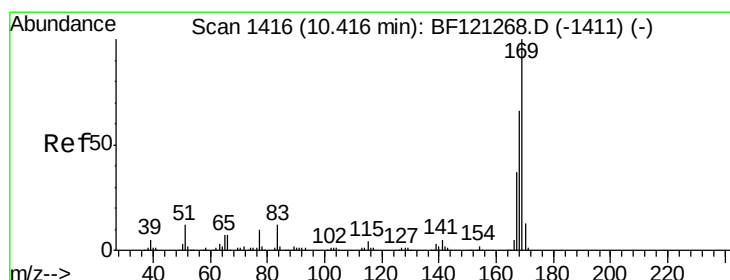
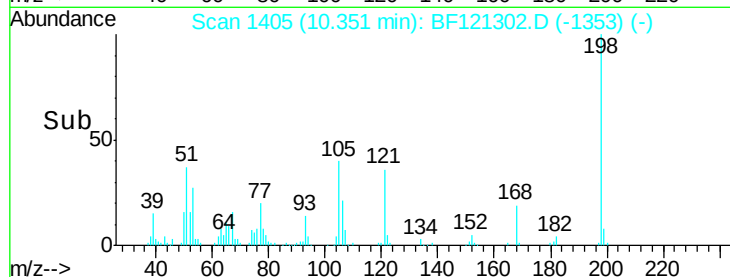
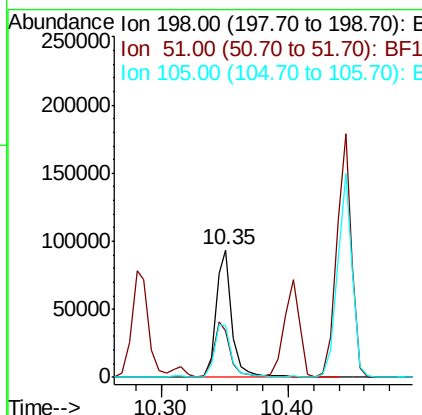
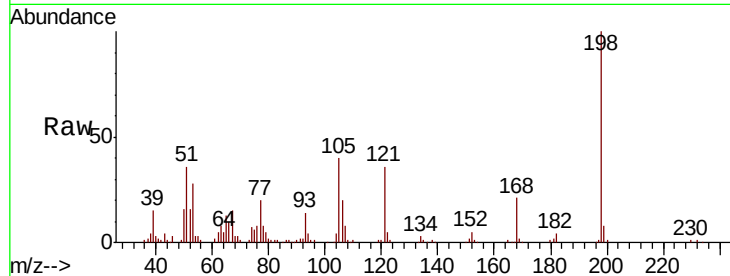
#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.938 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. 0.01 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 83219 |       |       |
| 51      | 36.3  | 29.1  | 69.1  |       |
| 105     | 40.2  | 28.5  | 68.5  |       |

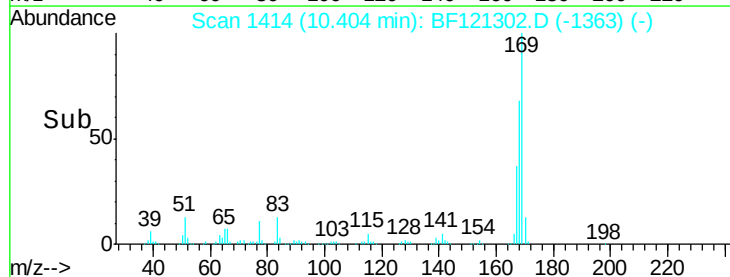
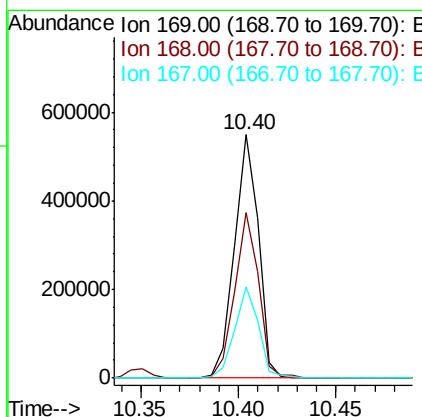
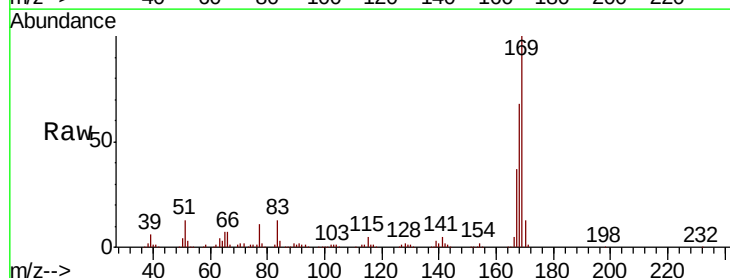
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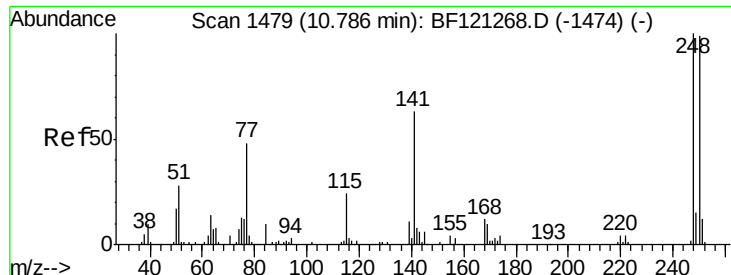
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#66  
n-Nitrosodiphenylamine  
Concen: 35.954 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 468091 |       |       |
| 168     | 68.2  | 53.4   | 80.0  |       |
| 167     | 37.3  | 29.3   | 43.9  |       |





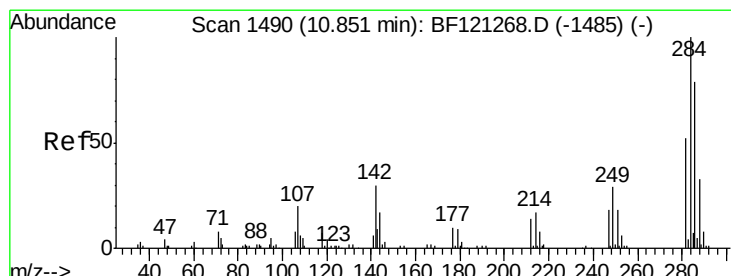
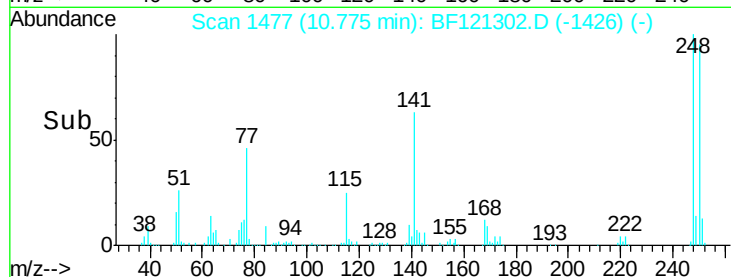
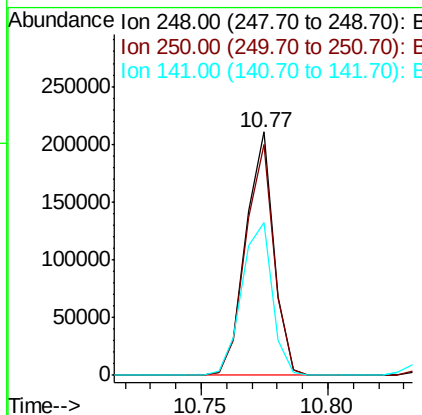
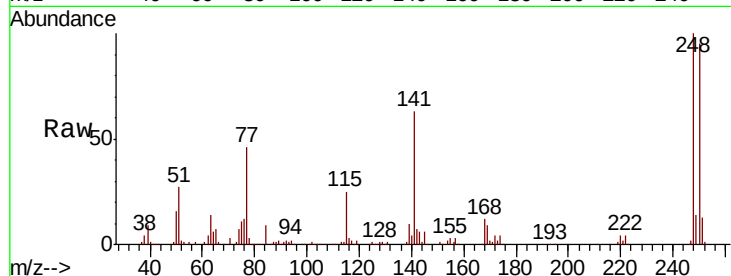
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.681 ng  
 RT: 10.77 min Scan# 1477  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 162457 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 94.6  | 77.4  | 116.0  |
| 141       | 62.6  | 48.9  | 73.3   |

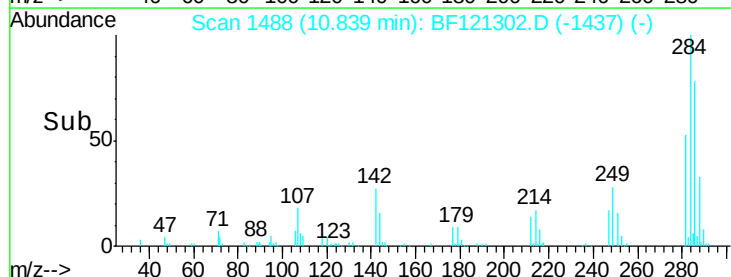
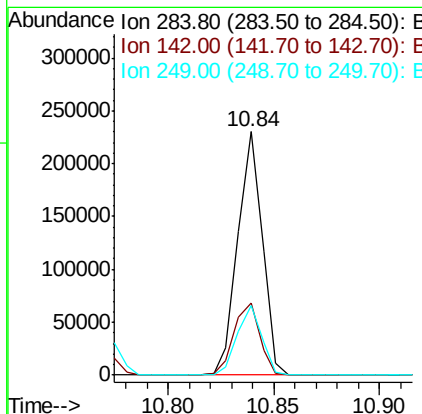
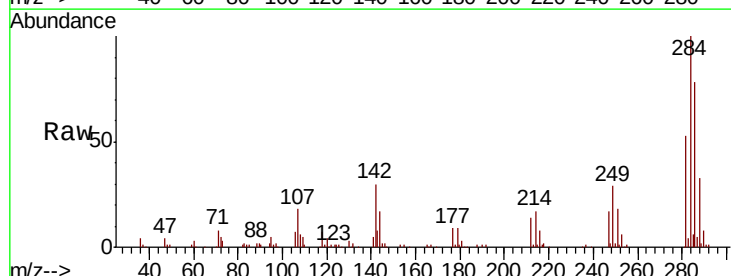
Manual Integrations  
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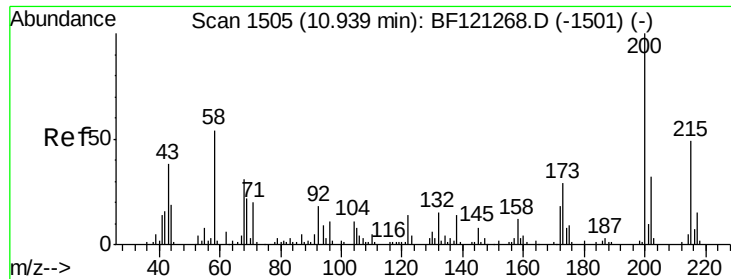
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 8/18/2020 1:49:52 PM



#68  
 Hexachlorobenzene  
 Concen: 36.518 ng  
 RT: 10.84 min Scan# 1488  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 184430 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 29.6  | 24.6  | 36.8   |
| 249       | 28.5  | 23.2  | 34.8   |





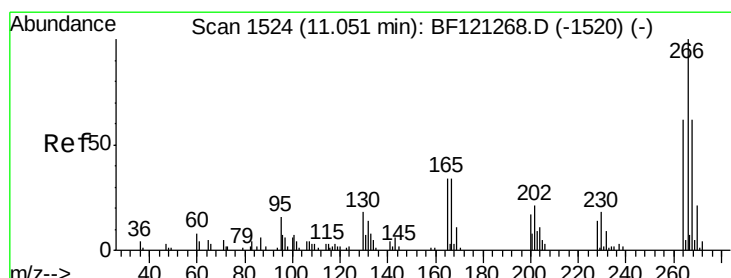
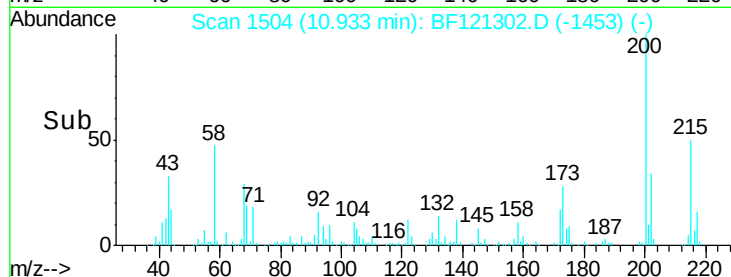
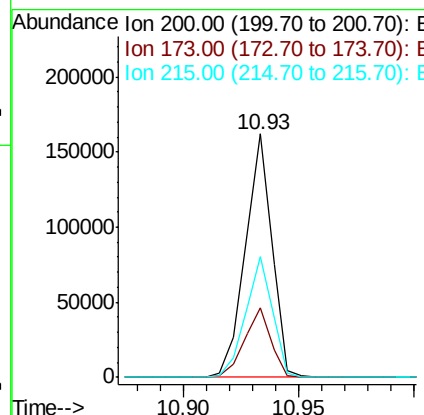
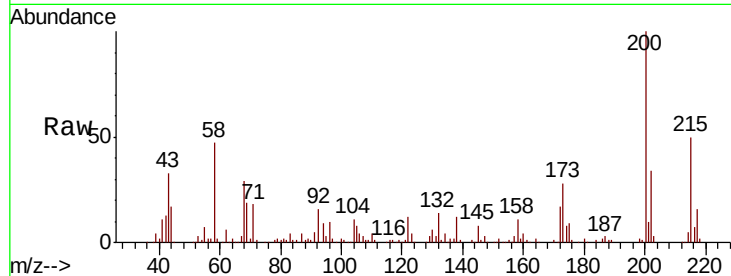
#69  
Atrazine  
Concen: 33.554 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampled :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.4  | 7.4   | 47.4  |
| 215     | 49.6  | 29.1  | 69.1  |

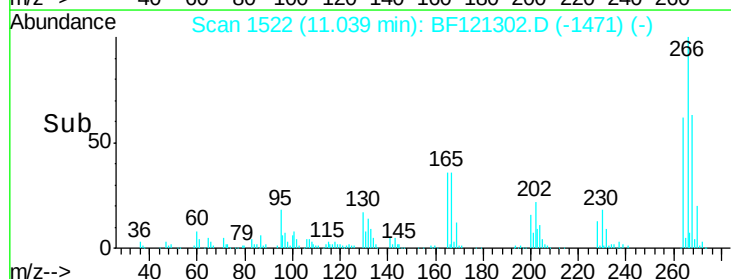
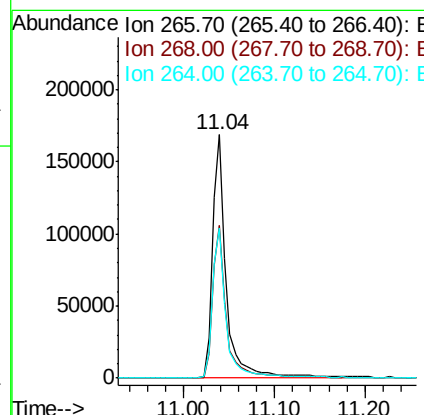
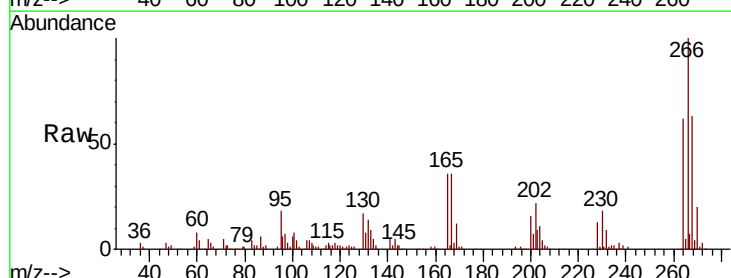
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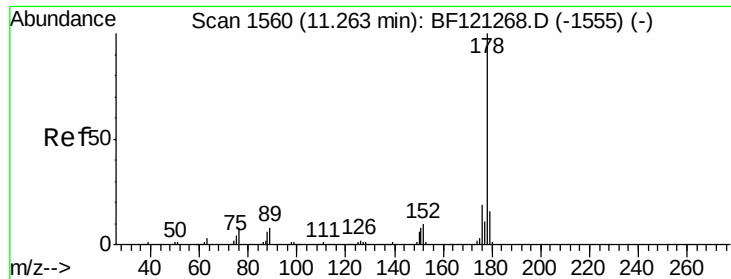
mohammad  
8/18/2020 1:49:52 PM



#70  
Pentachlorophenol  
Concen: 80.614 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.8  | 53.3  | 79.9  |
| 264     | 61.5  | 49.4  | 74.0  |





#71

Phenanthrene

Concen: 35.088 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

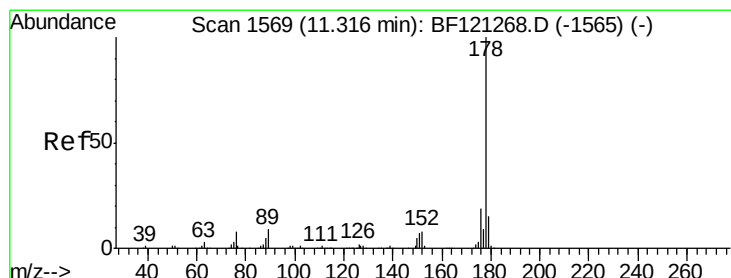
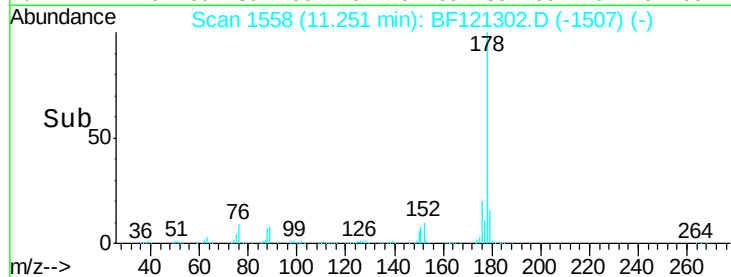
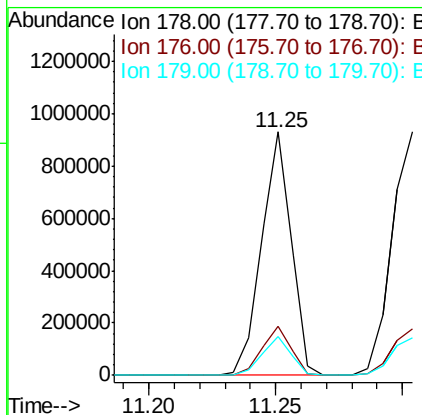
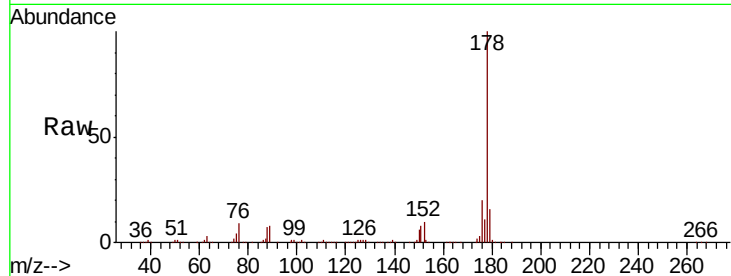
ClientSampleId :

PB131001BS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:178 | Resp: | 762169    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 20.2  | 15.6 23.4 |
| 179         | 15.7  | 12.3 18.5 |

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#72

Anthracene

Concen: 36.424 ng

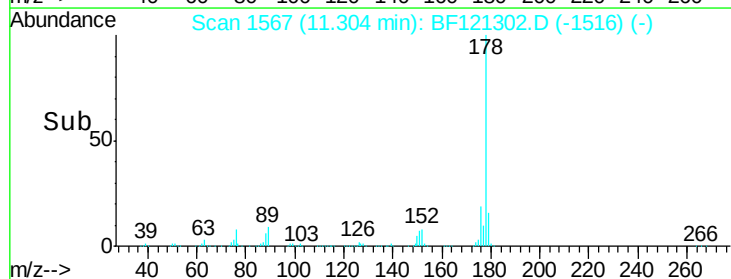
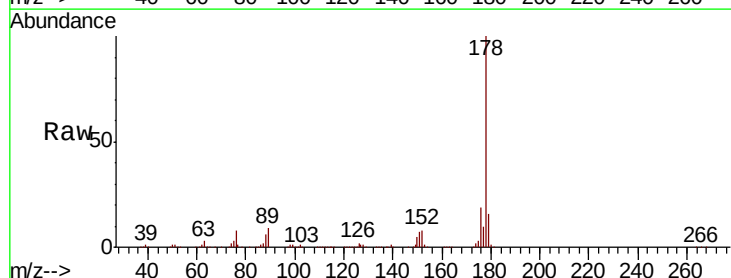
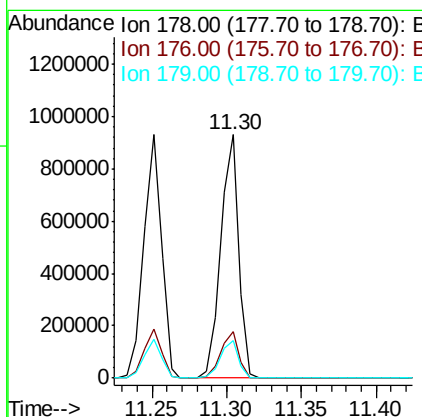
RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

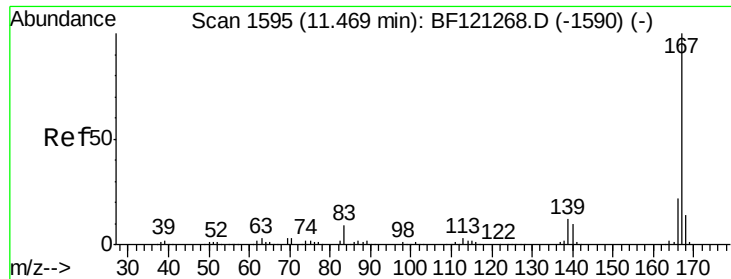
Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 793951    |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.2  | 14.9 22.3 |
| 179         | 15.6  | 12.2 18.4 |







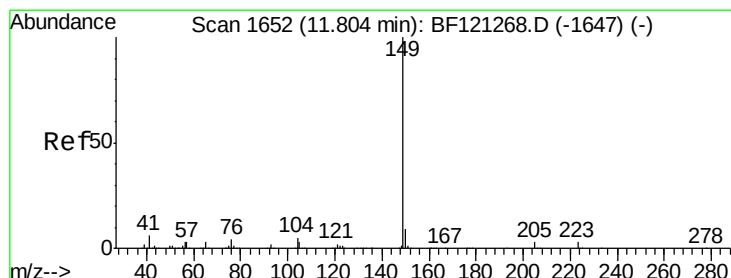
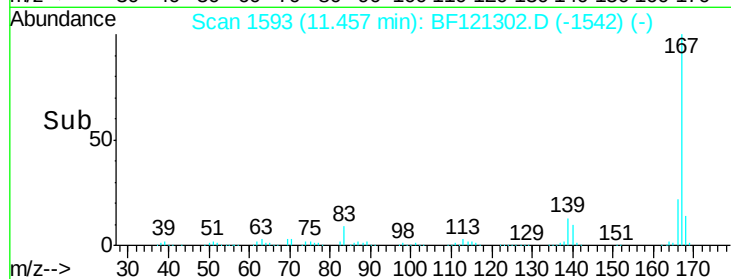
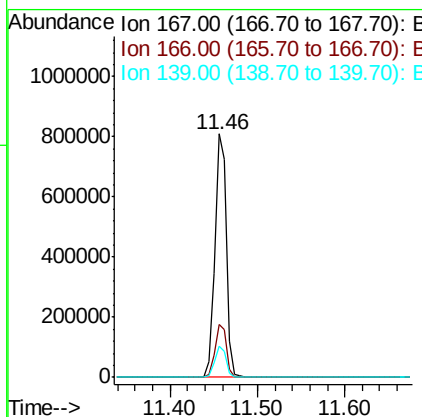
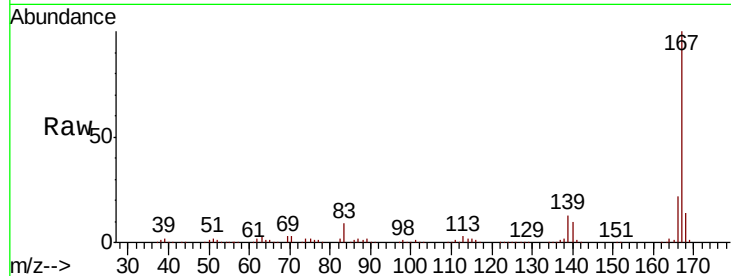
#73  
 Carbazole  
 Concen: 34.587 ng  
 RT: 11.46 min Scan# 1593  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.4  | 26.2  |
| 139     | 12.7  | 10.2  | 15.4  |

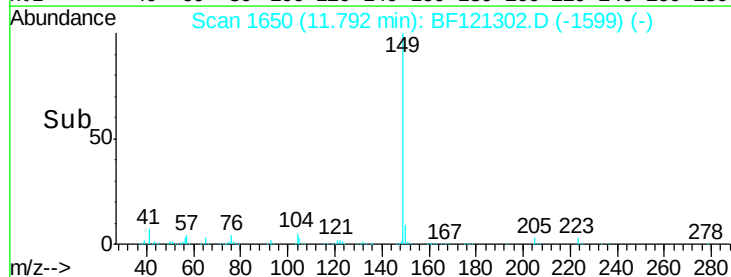
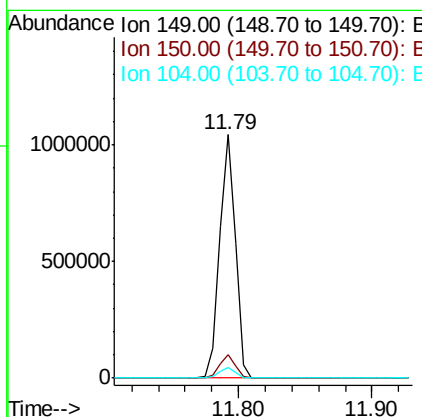
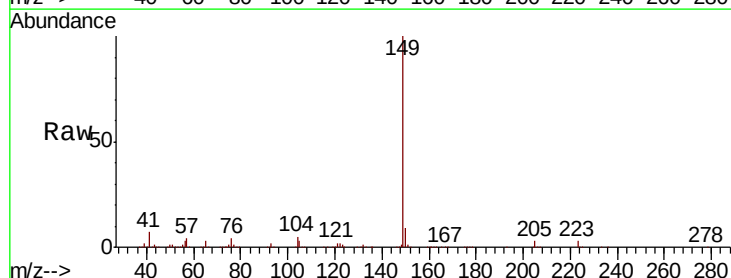
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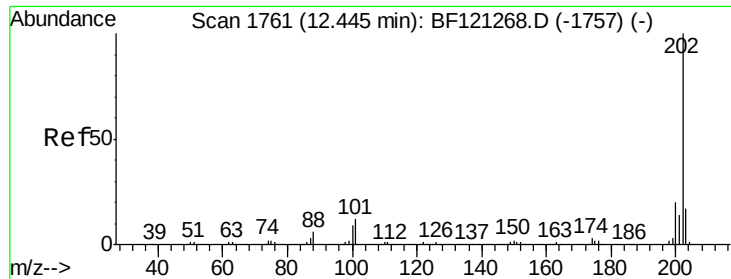
mohammad  
 8/18/2020 1:49:52 PM



#74  
 Di-n-butylphthalate  
 Concen: 36.262 ng  
 RT: 11.79 min Scan# 1650  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.4   | 11.0  |
| 104     | 4.5   | 3.6   | 5.4   |





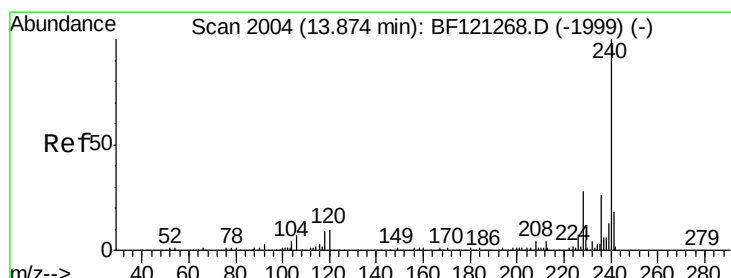
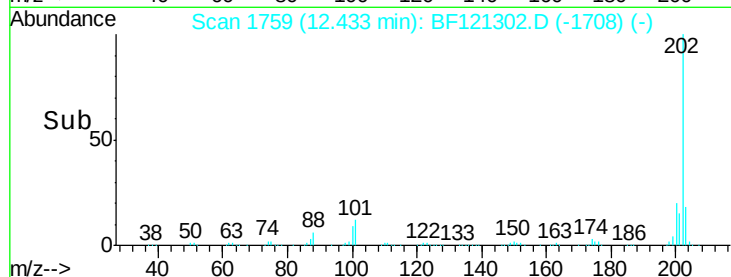
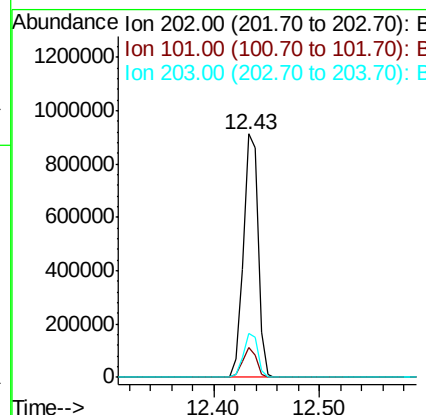
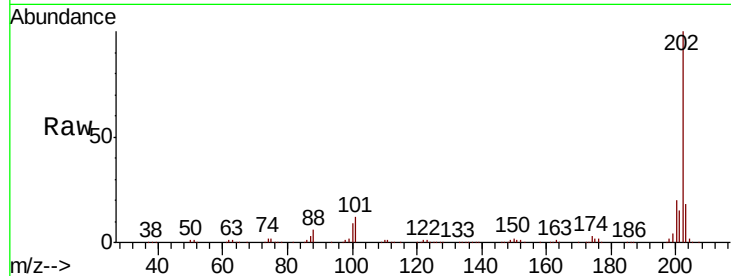
#75  
 Fluoranthene  
 Concen: 35.580 ng  
 RT: 12.43 min Scan# 1759  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 12.1  | 0.0  | 32.2  |       |
| 203     | 18.1  | 0.0  | 38.2  |       |

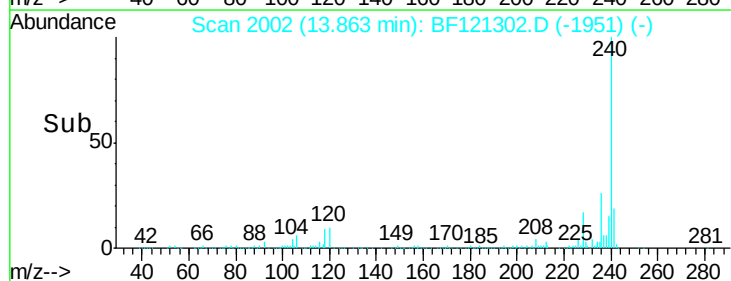
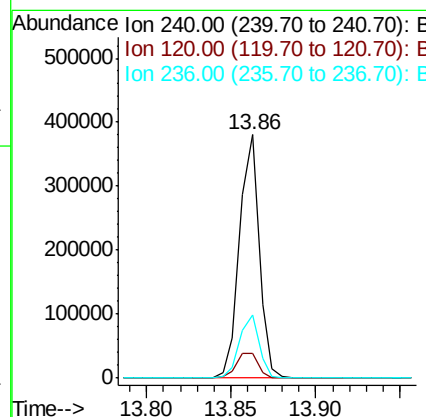
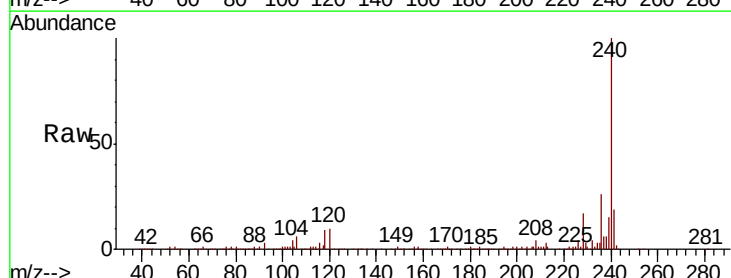
Manual Integrations  
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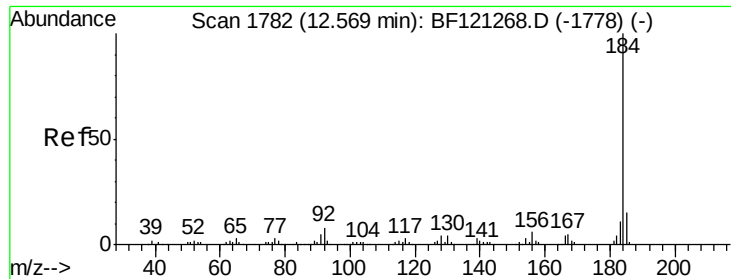
mohammad  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.86 min Scan# 2002  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 10.1  | 8.3  | 12.5  |       |
| 236     | 26.0  | 21.2 | 31.8  |       |





#77

Benzidine

Concen: 50.430 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

Instrument :

BNA\_F

ClientSampleId :

PB131001BS

Tot Ion:184 Resp: 408430

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

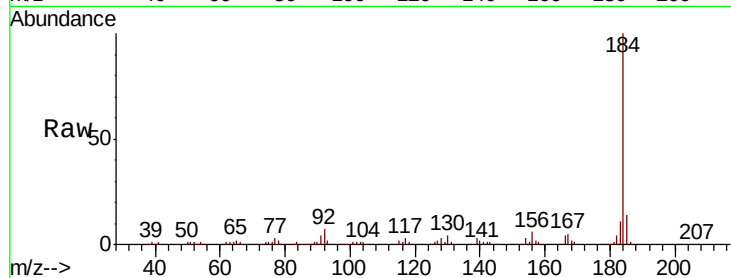
183 11.1 8.6 13.0

Manual Integrations

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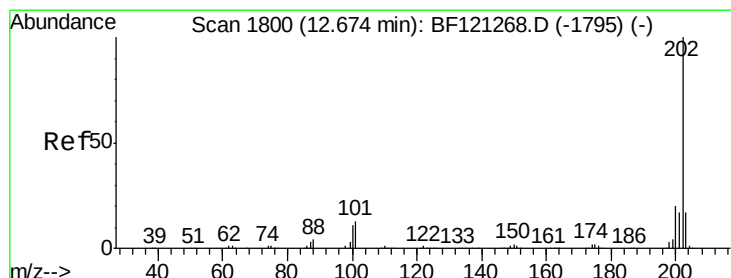
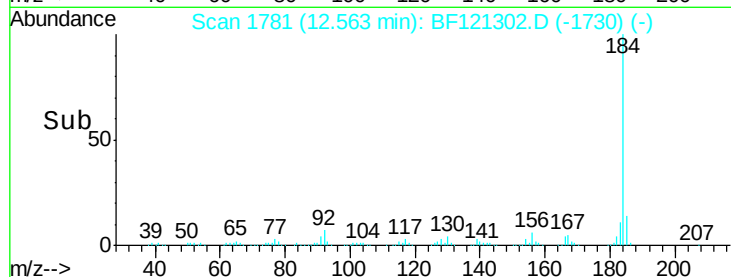
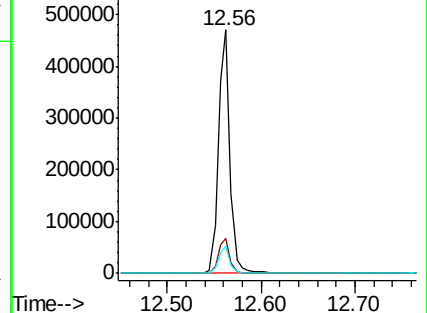
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.686 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF121302.D

Acq: 17 Aug 2020 11:01

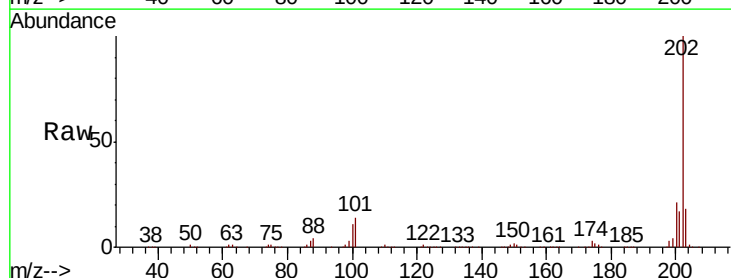
Tgt Ion:202 Resp: 887521

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

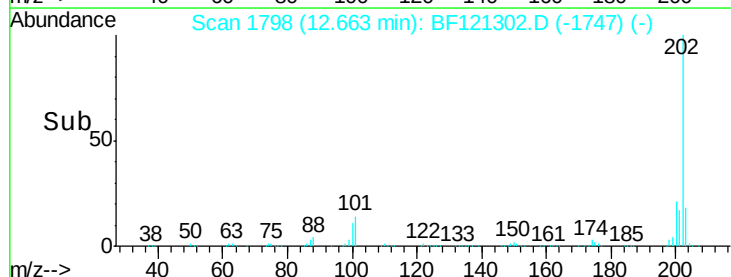
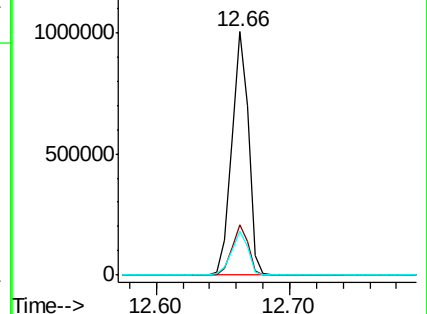
203 17.8 14.2 21.4

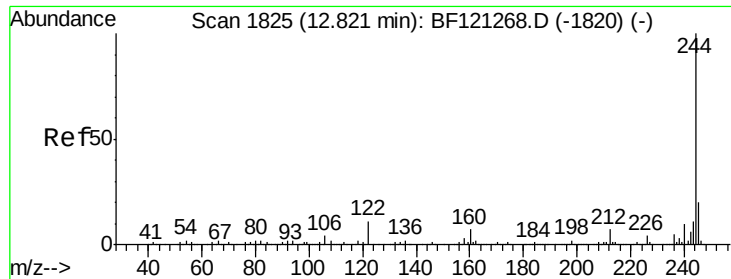


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





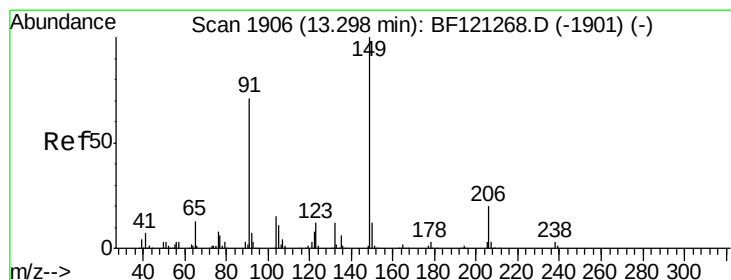
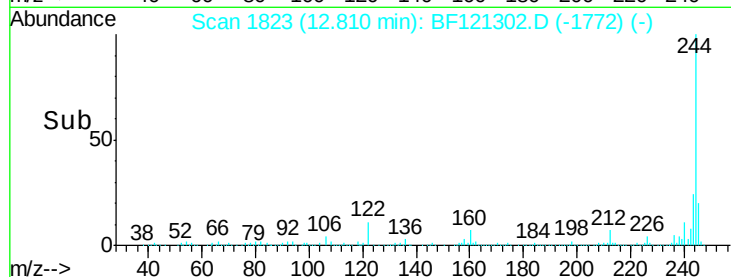
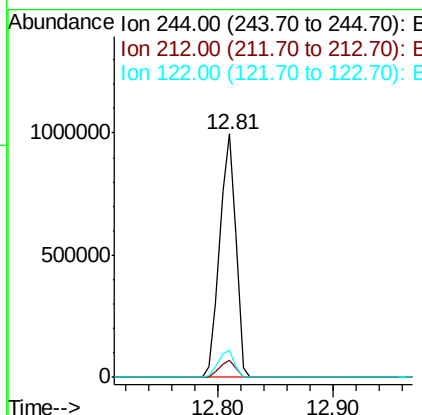
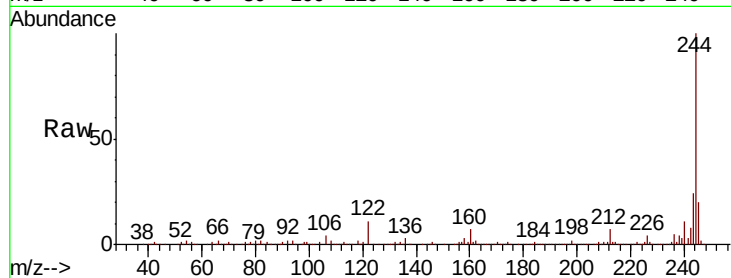
#79  
 Terphenyl-d14  
 Concen: 61.162 ng  
 RT: 12.81 min Scan# 1823  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 966614 |       |       |
| 212     | 7.0   |        | 5.4   | 8.0   |
| 122     | 11.2  |        | 9.0   | 13.6  |

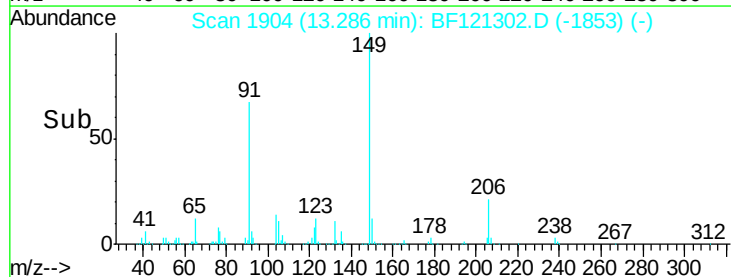
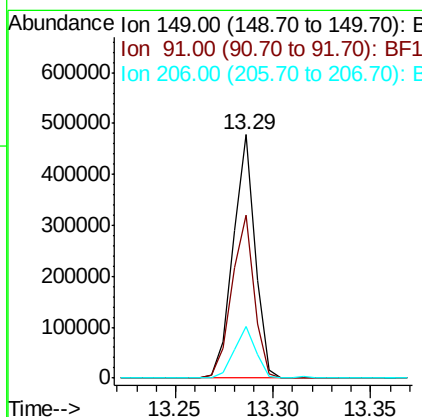
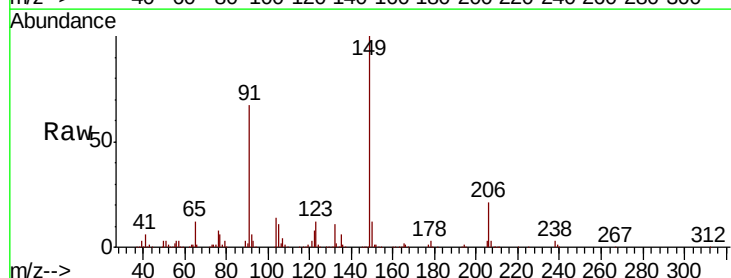
Manual Integrations  
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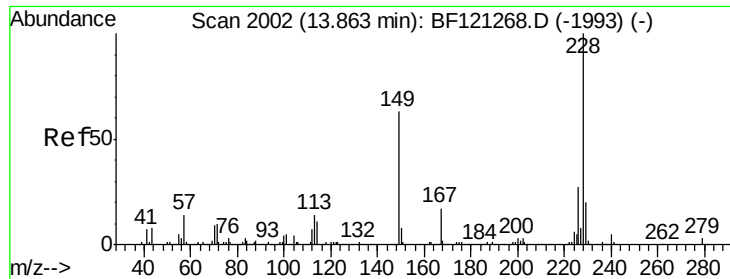
mohammad  
 8/18/2020 1:49:52 PM



#80  
 Butylbenzylphthalate  
 Concen: 39.722 ng  
 RT: 13.29 min Scan# 1904  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 372242 |       |       |
| 91      | 66.7  |        | 53.0  | 79.4  |
| 206     | 21.0  |        | 16.7  | 25.1  |





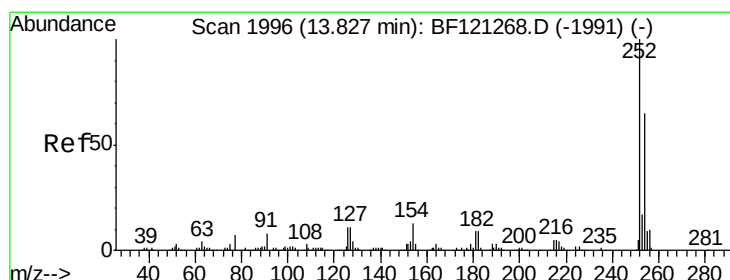
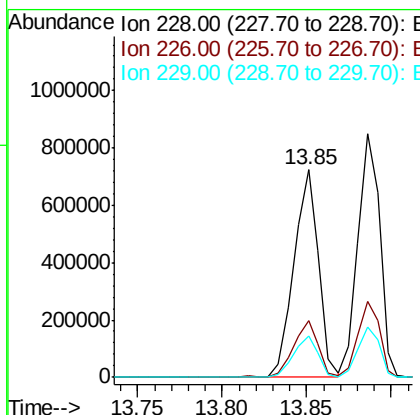
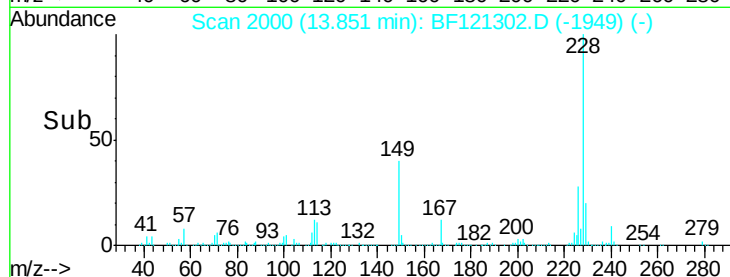
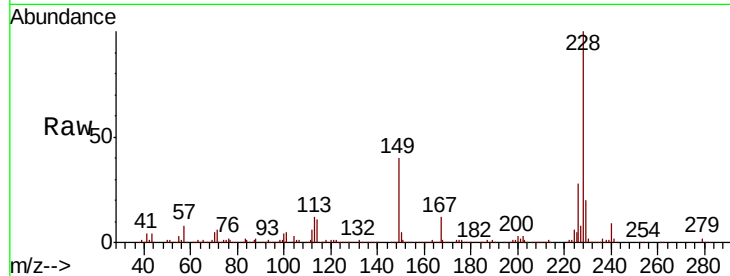
#81  
Benzo(a)anthracene  
Concen: 35.061 ng  
RT: 13.85 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 22.0  | 33.0  |
| 229     | 19.6  | 15.8  | 23.6  |

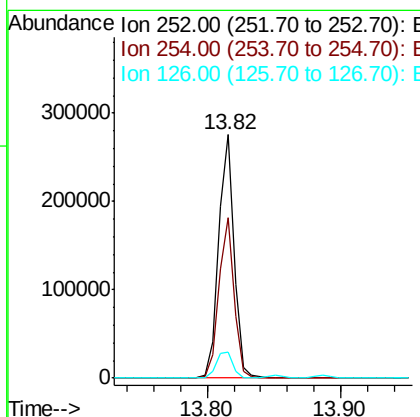
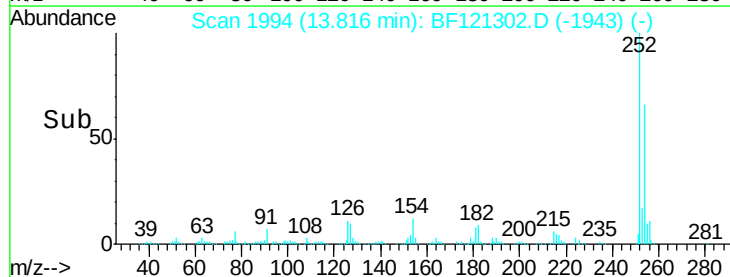
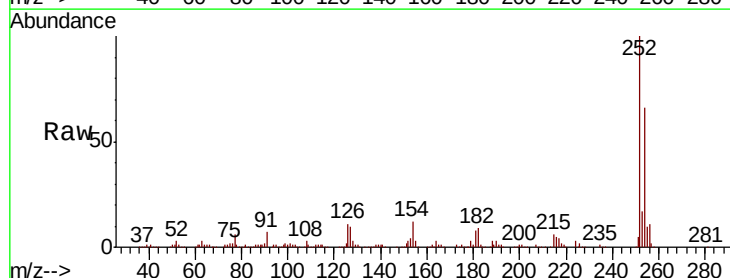
Manual Integrations  
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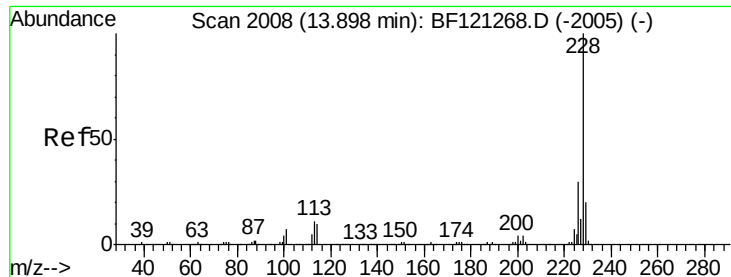
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 27.370 ng  
RT: 13.82 min Scan# 1994  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.9  | 52.2  | 78.2  |
| 126     | 10.6  | 9.1   | 13.7  |





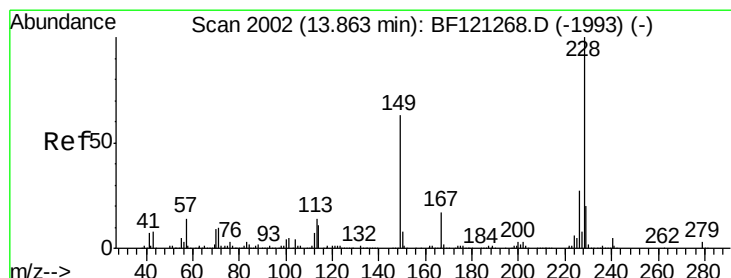
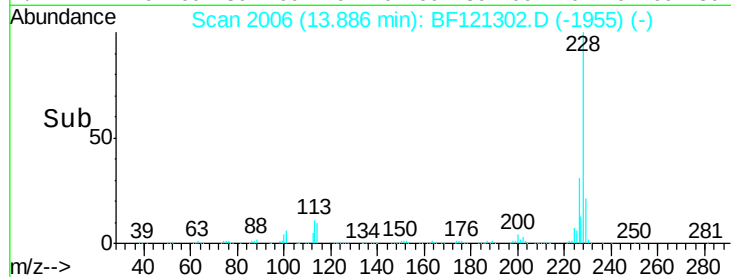
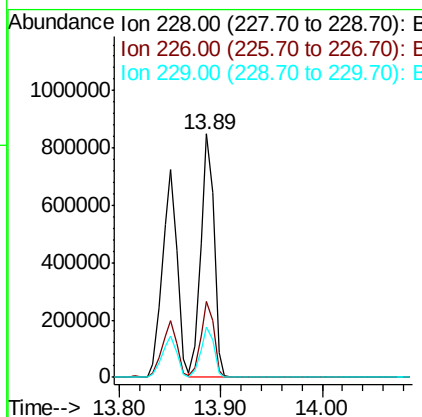
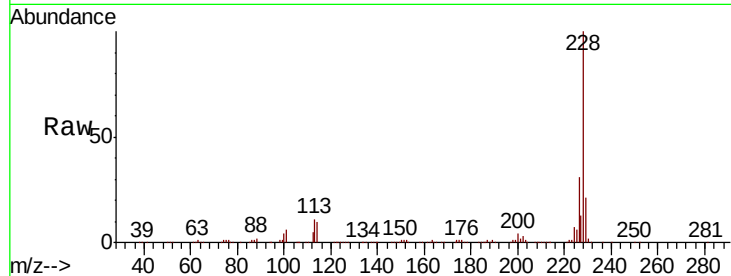
#83  
 Chrvsene  
 Concen: 36.040 ng  
 RT: 13.89 min Scan# 2006  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 25.3  | 37.9  |
| 229     | 20.5  | 16.3  | 24.5  |

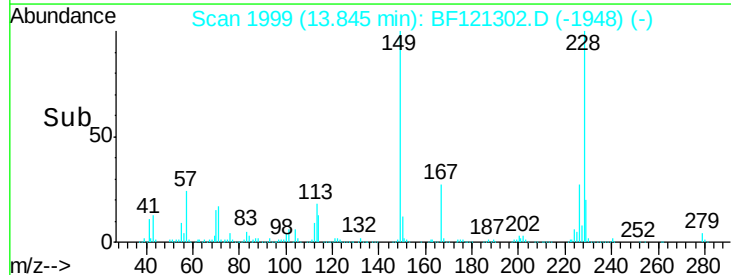
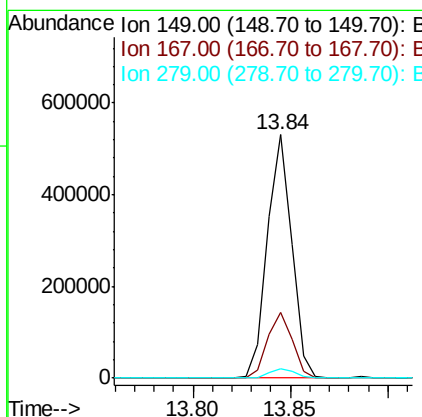
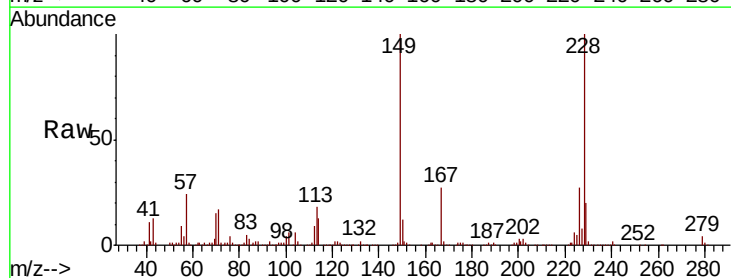
Manual Integrations  
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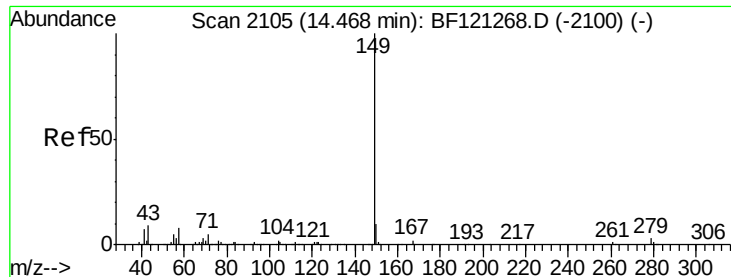
mohammad  
 8/18/2020 1:49:52 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.834 ng  
 RT: 13.84 min Scan# 1999  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.9  | 21.5  | 32.3  |
| 279     | 4.0   | 2.9   | 4.3   |





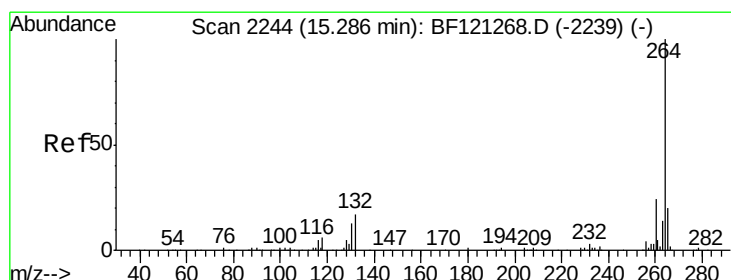
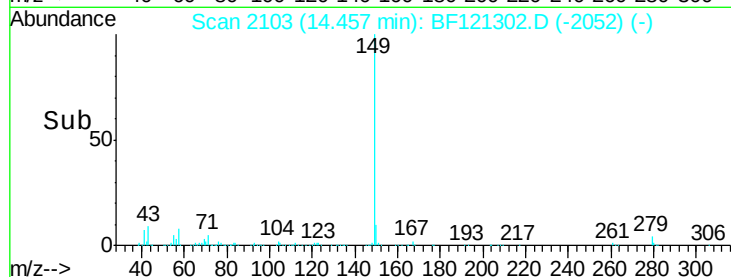
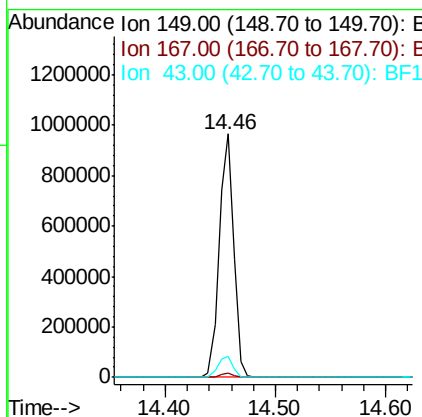
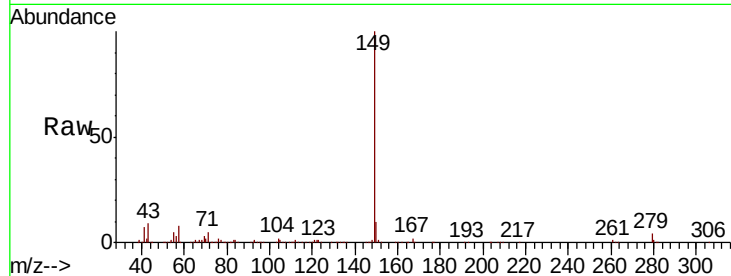
#85  
Di-n-octyl phthalate  
Concen: 37.044 ng  
RT: 14.46 min Scan# 2103  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 149     | 100 |       | 877275 |       |       |
| 167     | 1.6 | 1.2   | 1.8    |       |       |
| 43      | 9.0 | 7.2   | 10.8   |       |       |

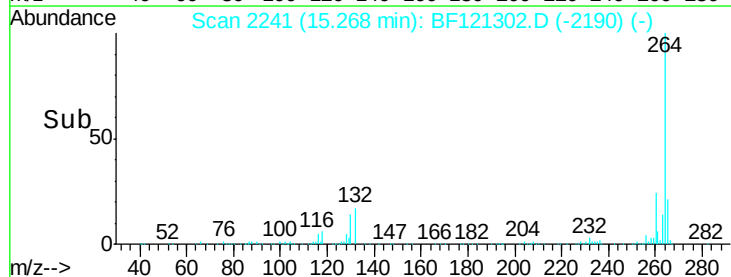
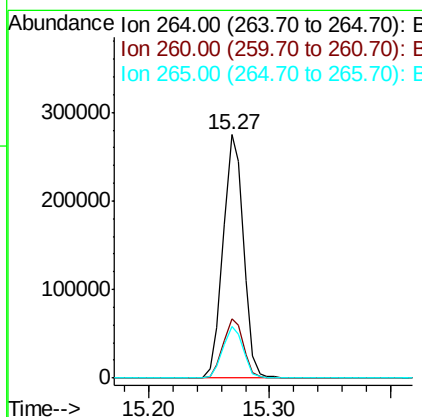
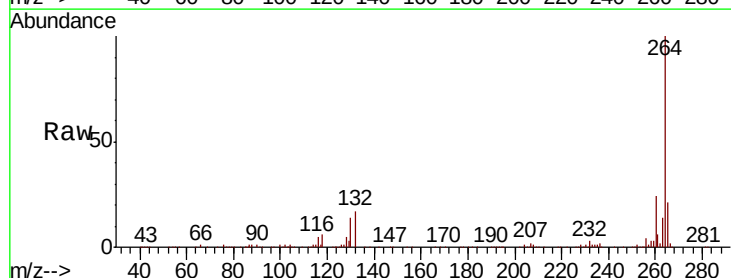
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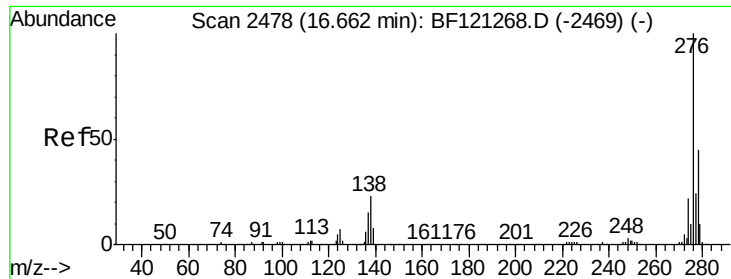
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 264     | 100  |       | 321123 |       |       |
| 260     | 24.5 | 19.1  | 28.7   |       |       |
| 265     | 21.2 | 17.1  | 25.7   |       |       |





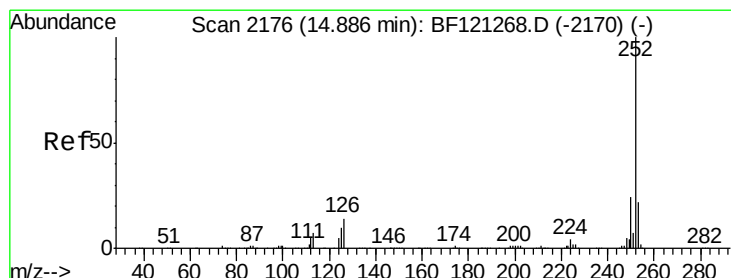
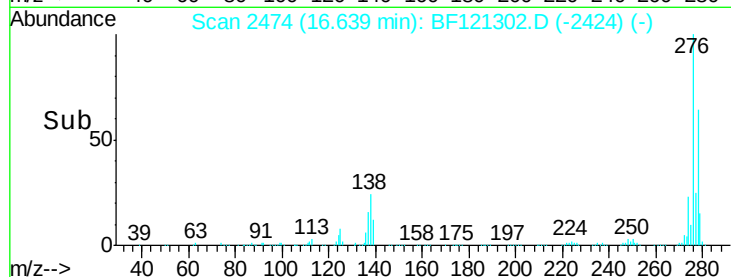
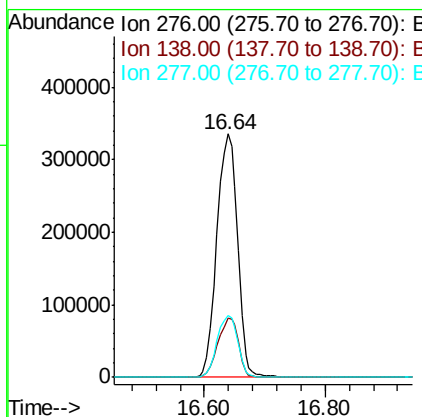
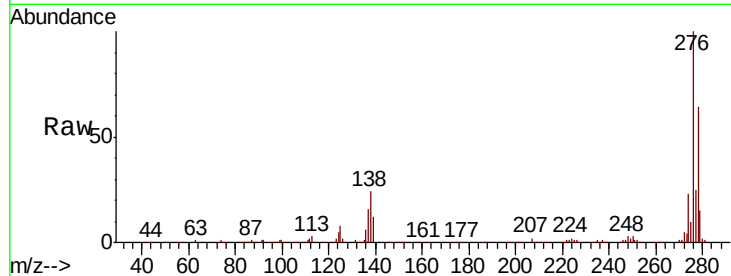
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 33.461 ng  
 RT: 16.64 min Scan# 2474  
 Delta R.T. -0.01 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131001BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:276 | Resp: | 798891 |
| Ion Ratio   | Lower | Upper  |
| 276 100     |       |        |
| 138 24.3    | 19.6  | 29.4   |
| 277 25.4    | 20.4  | 30.6   |

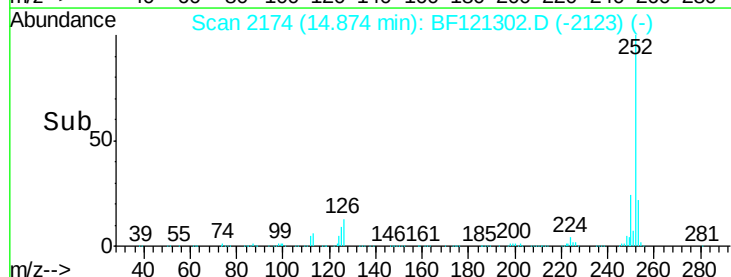
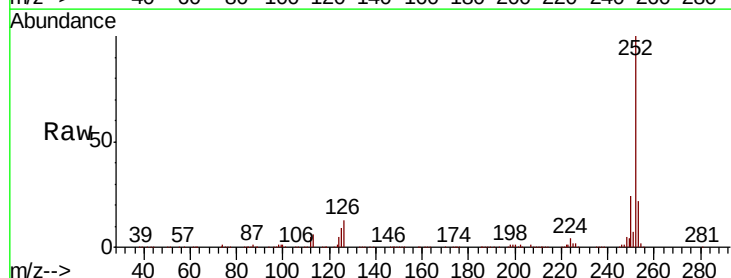
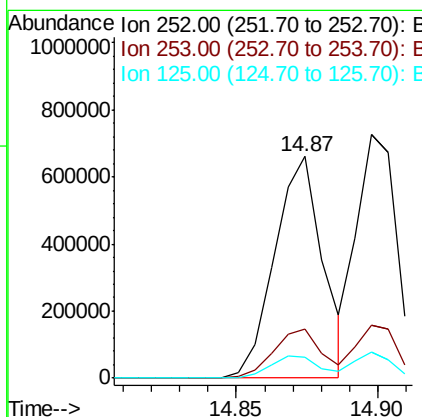
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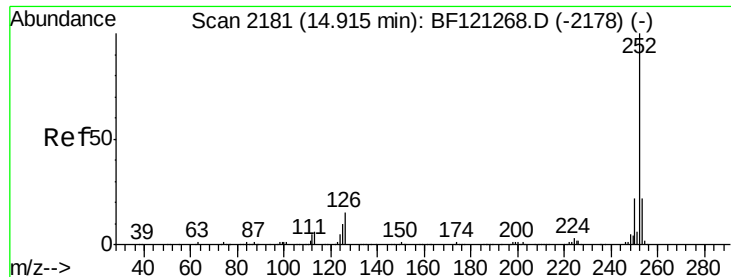


#88  
 Benzo(b)fluoranthene  
 Concen: 36.381 ng  
 RT: 14.87 min Scan# 2174  
 Delta R.T. 0.00 min  
 Lab File: BF121302.D  
 Acq: 17 Aug 2020 11:01

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:252 | Resp: | 782787 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 22.3    | 17.6  | 26.4   |
| 125 9.3     | 7.5   | 11.3   |







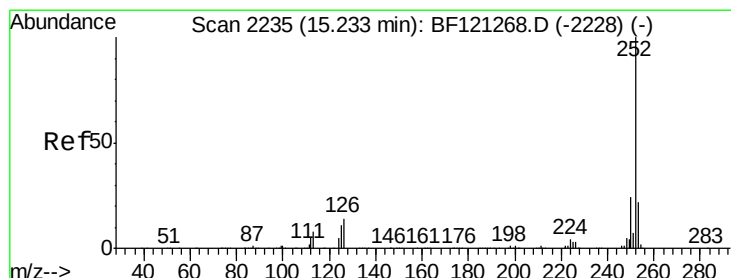
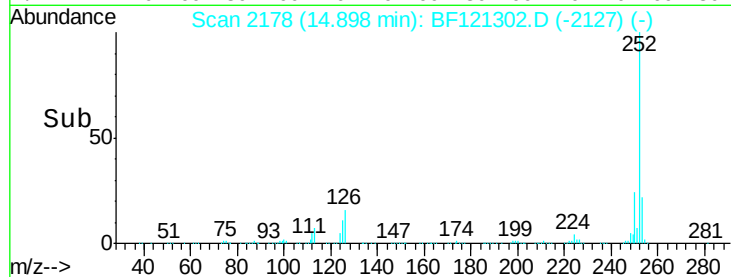
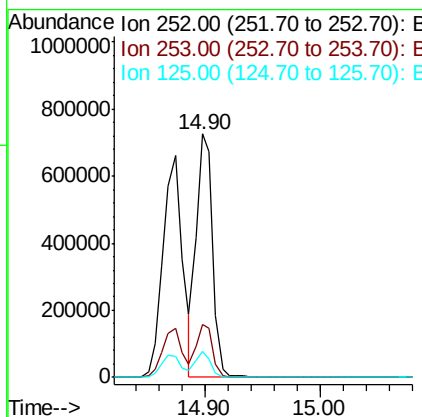
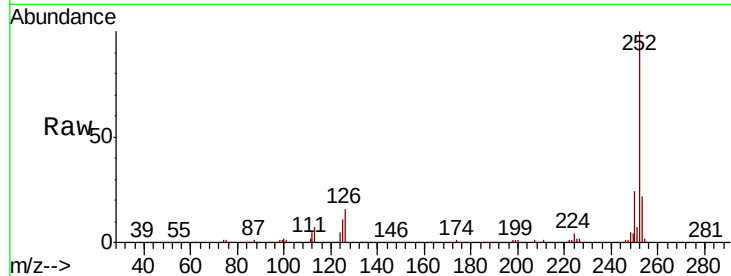
#89  
Benzo(k)fluoranthene  
Concen: 36.214 ng  
RT: 14.90 min Scan# 2178  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.8  | 26.8  |
| 125     | 10.6  | 8.2   | 12.4  |

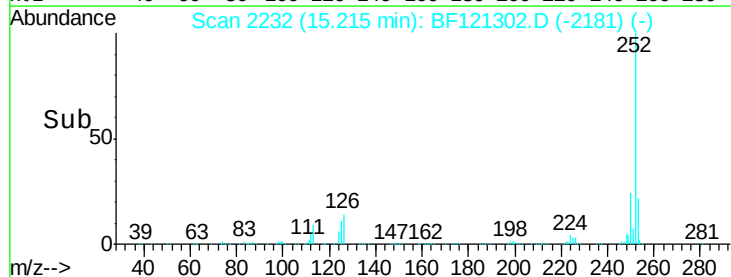
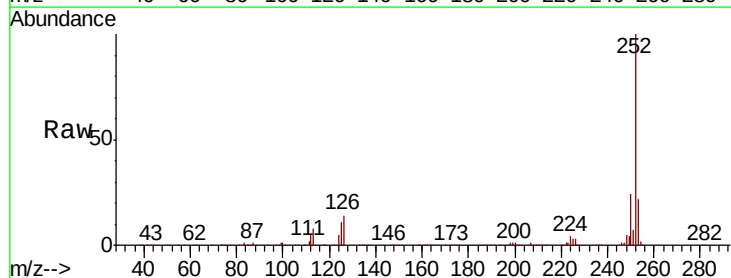
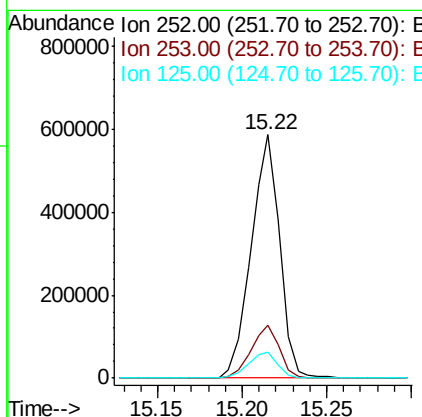
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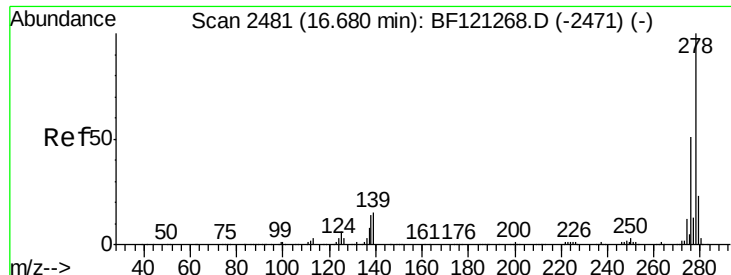
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#90  
Benzo(a)pyrene  
Concen: 35.493 ng  
RT: 15.22 min Scan# 2232  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.4  | 26.2  |
| 125     | 10.9  | 8.7   | 13.1  |





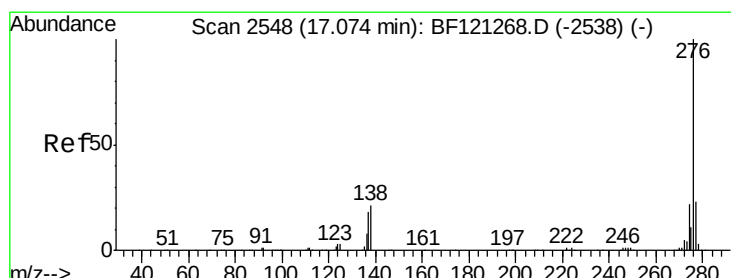
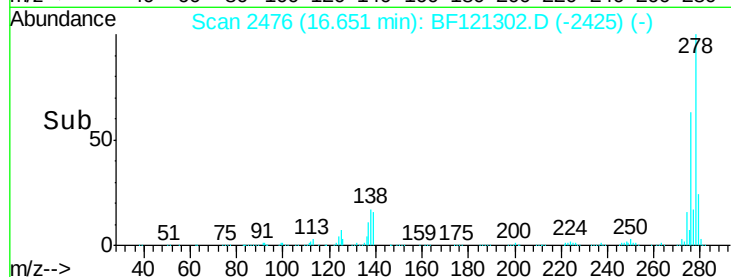
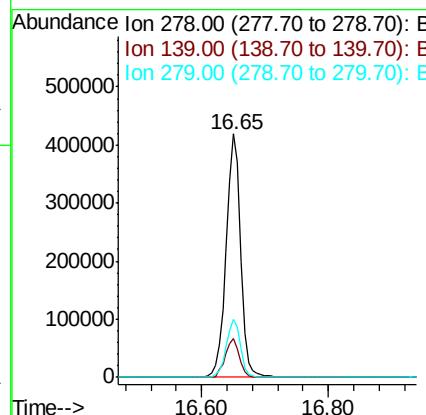
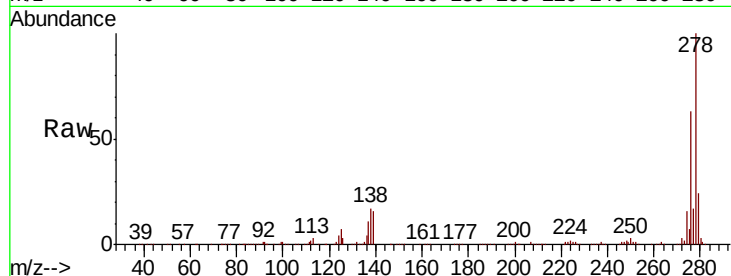
#91  
Dibenzo(a,h)anthracene  
Concen: 32.660 ng  
RT: 16.65 min Scan# 2476  
Delta R.T. 0.00 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB131001BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.8  | 13.1  | 19.7  |
| 279     | 23.7  | 18.6  | 27.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 33.293 ng  
RT: 17.04 min Scan# 2543  
Delta R.T. -0.01 min  
Lab File: BF121302.D  
Acq: 17 Aug 2020 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 19.1  | 28.7  |
| 138     | 21.5  | 16.6  | 24.8  |

