

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\  
 Data File : BF120887.D  
 Acq On : 16 Jul 2020 15:59  
 Operator : JU/CG  
 Sample : PB130244BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

Manual Integrations  
 APPROVED

mohammad  
 7/17/2020 12:30:11 PM

Quant Time: Jul 16 16:51:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 163371   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 632167   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 337142   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 665483   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 539332   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.42 | 264  | 576247   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 980785  | 98.42  | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 1196207 | 92.92  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 742736  | 67.98  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 377179  | 102.21 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 1405342 | 62.24  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 1545273 | 62.28  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.56 | 88  | 155512  | 33.907 | ng | 99     |
| 3) Pyridine                    | 3.30 | 79  | 446245  | 36.575 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.25 | 42  | 217286  | 41.648 | ng | 97     |
| 6) Aniline                     | 6.47 | 93  | 567701  | 33.784 | ng | 99     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 472713  | 43.059 | ng | 99     |
| 9) Benzaldehyde                | 6.36 | 77  | 130270  | 17.533 | ng | 97     |
| 10) Phenol                     | 6.46 | 94  | 585587  | 41.353 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 446004  | 41.097 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 478837  | 40.224 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 479859  | 40.538 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 467018  | 41.703 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 369360  | 40.573 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 625175  | 39.967 | ng | 100    |
| 17) 2-Methylphenol             | 7.07 | 107 | 377177  | 38.763 | ng | 98     |
| 18) Hexachloroethane           | 7.33 | 117 | 179772  | 41.960 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 294110  | 40.179 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 433422  | 35.015 | ng | 94     |
| 22) Acetophenone               | 7.23 | 105 | 564502  | 39.788 | ng | 99     |
| 24) Nitrobenzene               | 7.40 | 77  | 476733  | 40.486 | ng | 99     |
| 25) Isophorone                 | 7.64 | 82  | 871091  | 39.950 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 249140  | 44.549 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 402527  | 44.332 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 553719  | 41.602 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 391253  | 42.168 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 415136  | 40.328 | ng | 100    |
| 31) Naphthalene                | 8.12 | 128 | 1296981 | 39.997 | ng | 100    |
| 32) Benzoic acid               | 7.87 | 122 | 310163  | 45.505 | ng | 98     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 393395  | 27.195 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 239463  | 39.461 | ng | 98     |
| 35) Caprolactam                | 8.54 | 113 | 131173m | 44.086 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 413872  | 43.493 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 882667  | 41.922 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.91 | 142 | 839831  | 42.115 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 379629  | 38.647 | ng | 99     |

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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

Manual Integrations  
 APPROVED

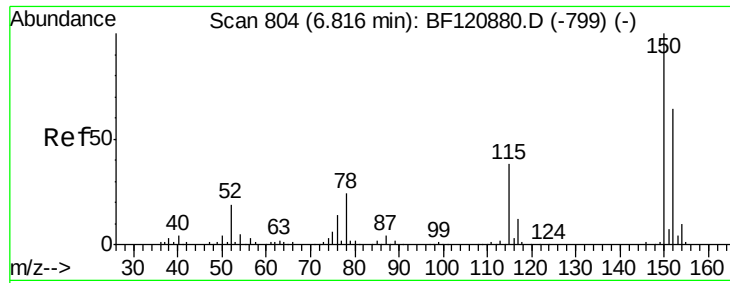
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Quant Time: Jul 16 16:51:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 16 14:20:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 459587   | 84.656 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 292166   | 42.244 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 318813   | 40.638 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 1047591  | 40.735 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 834803   | 39.814 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.39  | 65   | 267701   | 42.248 | nq    | 98       |
| 49) Acenaphthylene             | 9.72  | 152  | 1332607  | 40.911 | nq    | 100      |
| 50) Dimethylphthalate          | 9.58  | 163  | 1002965  | 41.236 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 231007   | 44.208 | nq    | 90       |
| 52) Acenaphthene               | 9.89  | 154  | 930581   | 44.936 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.80  | 138  | 191285   | 29.187 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.91  | 184  | 245806   | 81.576 | nq    | 90       |
| 55) Dibenzofuran               | 10.06 | 168  | 1212072  | 40.473 | nq    | 100      |
| 56) 4-Nitrophenol              | 9.97  | 139  | 429828   | 86.339 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.04 | 165  | 314168   | 45.782 | nq    | 91       |
| 58) Fluorene                   | 10.40 | 166  | 866961   | 38.815 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 273975   | 45.867 | nq    | 98       |
| 60) Diethylphthalate           | 10.28 | 149  | 1046163  | 42.524 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 424597   | 35.641 | nq    | 100      |
| 62) 4-Nitroaniline             | 10.42 | 138  | 257169   | 40.283 | nq    | 96       |
| 63) Azobenzene                 | 10.56 | 77   | 982579   | 41.952 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 170903   | 44.663 | nq    | 91       |
| 66) n-Nitrosodiphenylamine     | 10.52 | 169  | 875222   | 41.807 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.89 | 248  | 297364   | 40.078 | nq    | # 90     |
| 68) Hexachlorobenzene          | 10.95 | 284  | 332556   | 41.434 | nq    | 98       |
| 69) Atrazine                   | 11.04 | 200  | 259324   | 50.018 | nq    | 98       |
| 70) Pentachlorophenol          | 11.14 | 266  | 396135   | 86.153 | nq    | 99       |
| 71) Phenanthrene               | 11.36 | 178  | 1377656  | 40.252 | nq    | 99       |
| 72) Anthracene                 | 11.42 | 178  | 1443857  | 42.012 | nq    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 1360155  | 39.879 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.90 | 149  | 1648798  | 41.891 | nq    | 100      |
| 75) Fluoranthene               | 12.55 | 202  | 1583014  | 41.728 | nq    | 98       |
| 77) Benzidine                  | 12.67 | 184  | 798051   | 56.280 | nq    | 99       |
| 78) Pyrene                     | 12.78 | 202  | 1607392  | 42.155 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 749121   | 44.070 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1273380  | 38.990 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.93 | 252  | 419788   | 34.070 | nq    | 99       |
| 83) Chrysene                   | 14.00 | 228  | 1418826  | 41.339 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 836650   | 39.915 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 1777021  | 42.613 | nq    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.85 | 276  | 1546747  | 38.596 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 1496188  | 42.954 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 1427972  | 44.952 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 1347562  | 42.404 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 1287306  | 39.324 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 1221246  | 37.836 | nq    | 99       |

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





#1

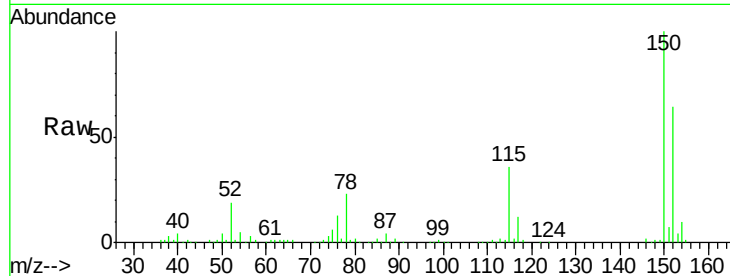
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Concen: 20.000 ng  
RT: 6.82 min Scan# 804  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

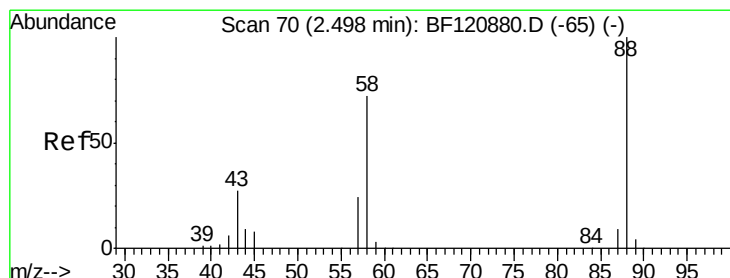
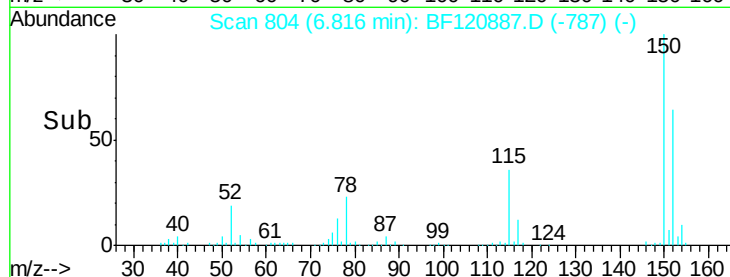
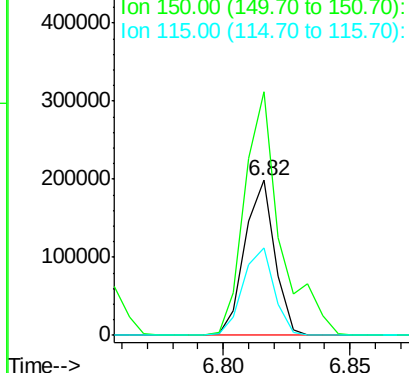
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.9 | 125.0 | 187.6 |
| 115     | 56.2  | 47.0  | 70.4  |

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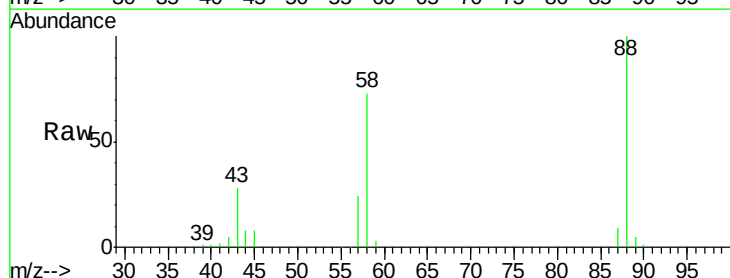
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Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



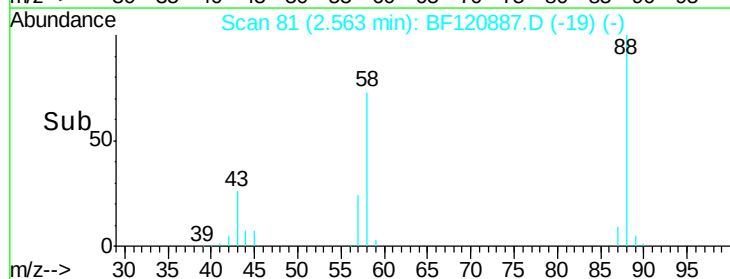
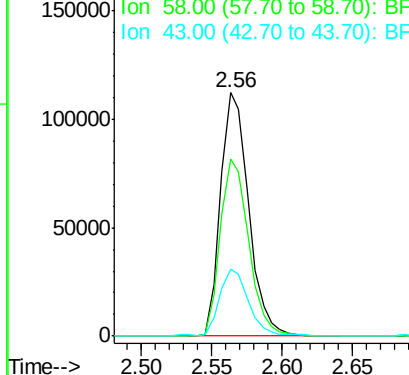
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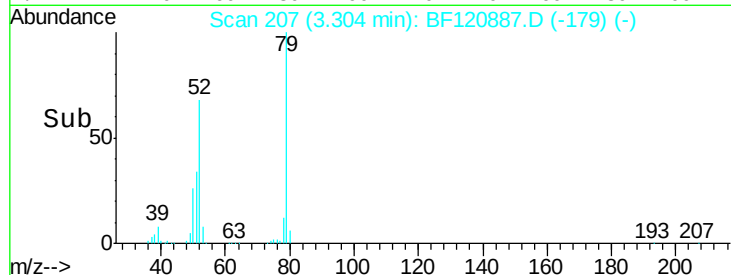
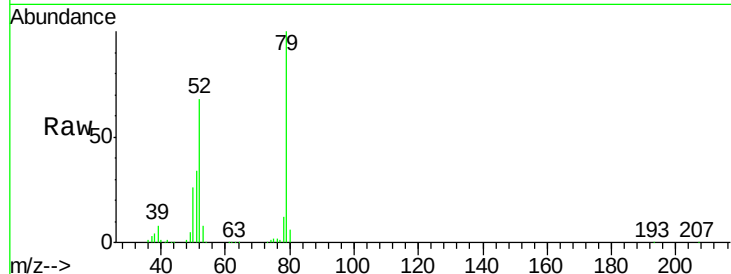
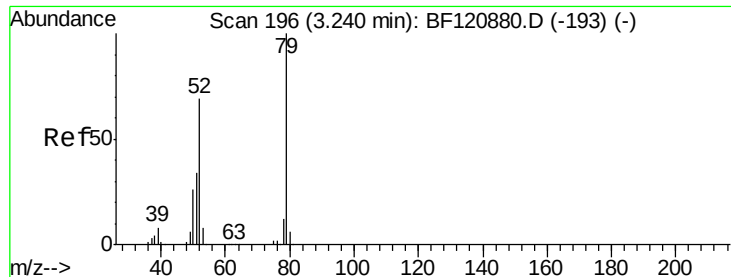
1,4-Dioxane  
Concen: 33.907 ng  
RT: 2.56 min Scan# 81  
Delta R.T. 0.06 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.4  | 58.2  | 87.2  |
| 43      | 29.2  | 22.1  | 33.1  |



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





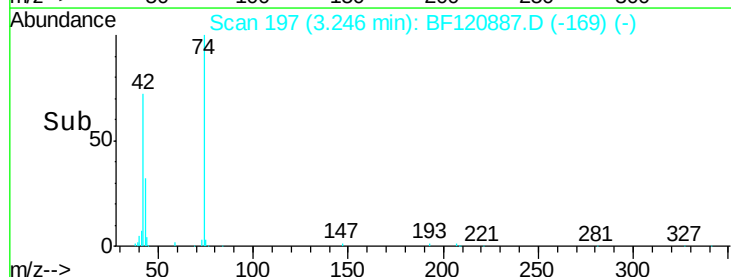
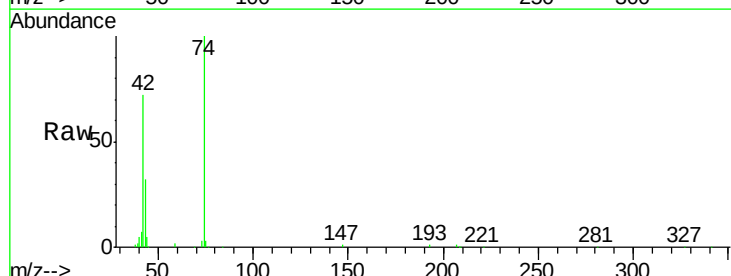
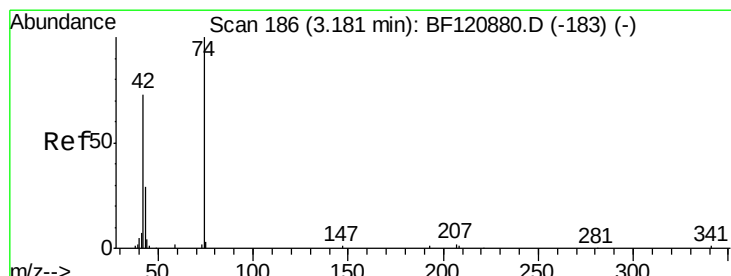
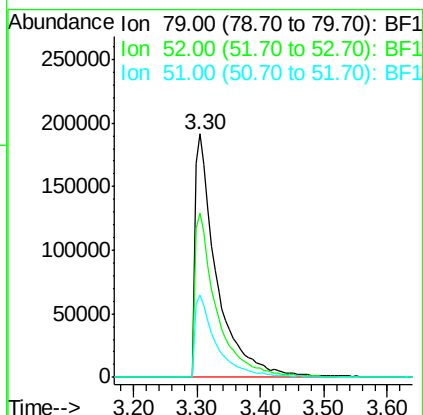
#3  
Pvridine  
Concen: 36.575 ng  
RT: 3.30 min Scan# 207  
Delta R.T. 0.06 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 67.5  | 55.0  | 82.6  |
| 51      | 33.9  | 26.9  | 40.3  |

Instrument :  
BNA\_F  
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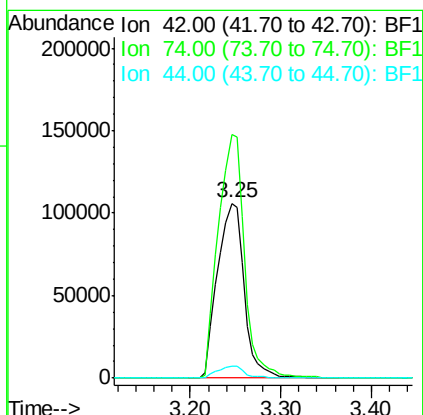
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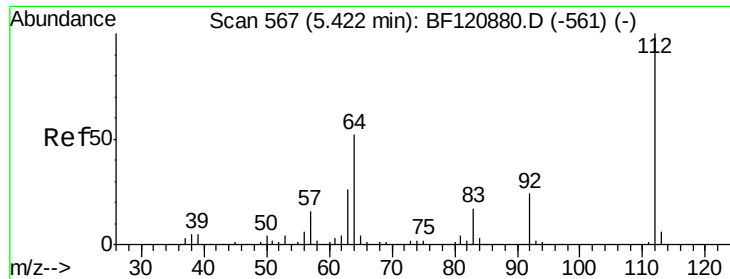
mohammad  
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#4  
n-Nitrosodimethylamine  
Concen: 41.648 ng  
RT: 3.25 min Scan# 197  
Delta R.T. 0.06 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 139.5 | 108.7 | 163.1 |
| 44      | 6.6   | 5.2   | 7.8   |





#5

2-Fluorophenol

Concen: 98.417 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

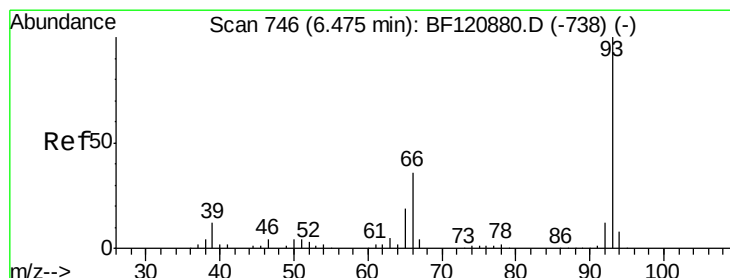
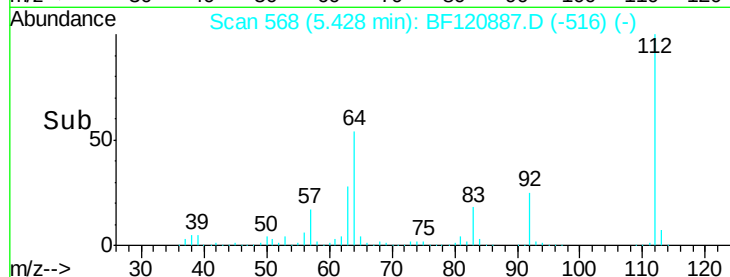
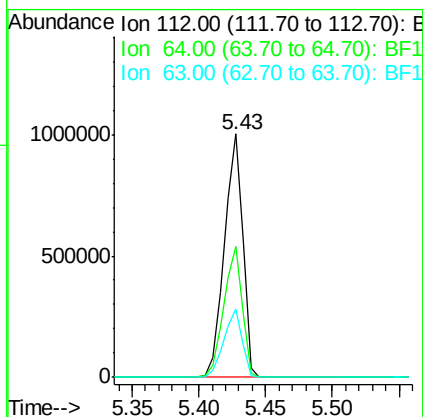
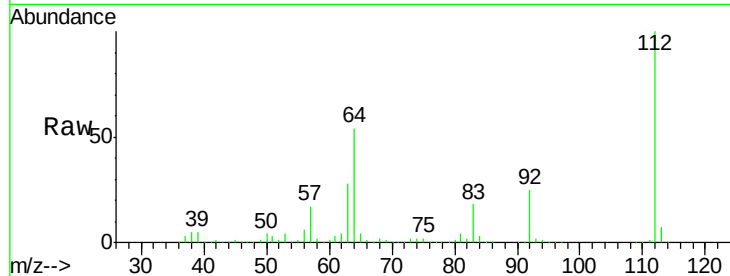
ClientSampleId :

PB130244BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 980785 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 53.9  | 41.3  | 61.9   |
| 63        | 27.9  | 21.1  | 31.7   |

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#6

Aniline

Concen: 33.784 ng

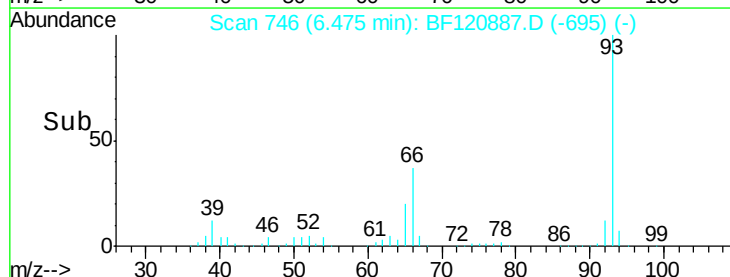
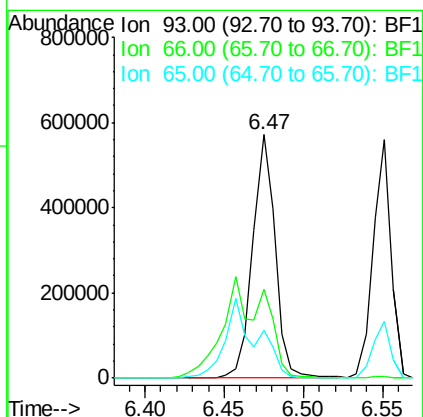
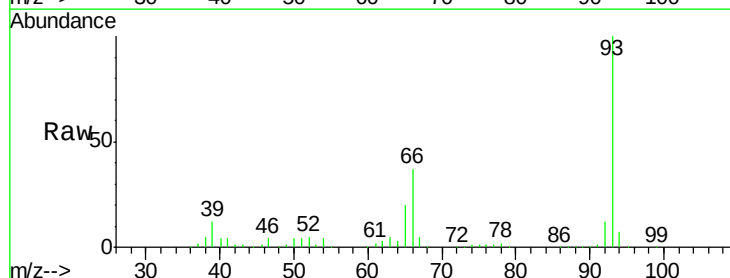
RT: 6.47 min Scan# 746

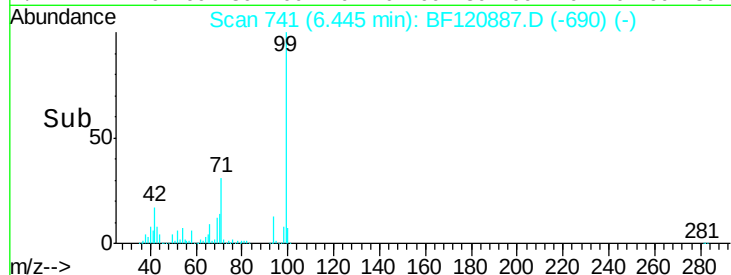
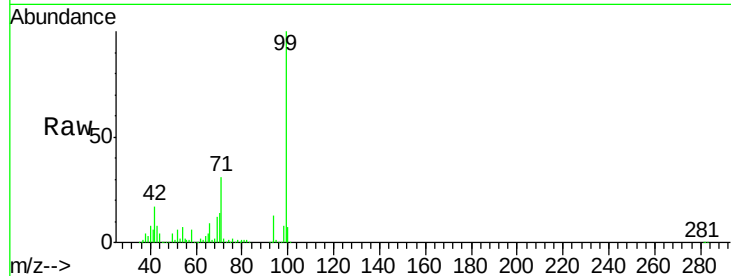
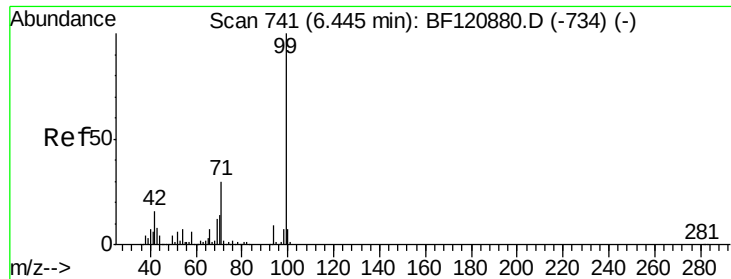
Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 567701 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 36.6  | 30.2  | 45.4   |
| 65        | 19.5  | 15.8  | 23.6   |





#7

Phenol-d6

Concen: 92.924 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 99    | Resp: | 1196207 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 16.9  | 13.1  | 19.7    |
| 71       | 31.0  | 24.2  | 36.4    |

Instrument :

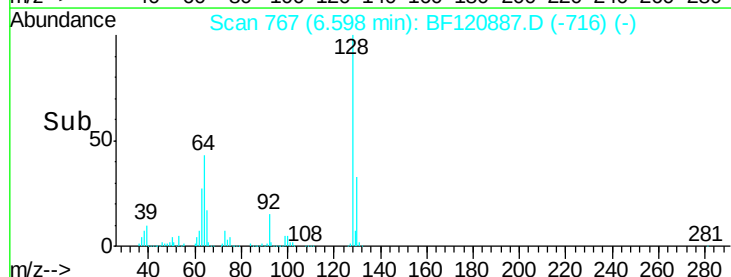
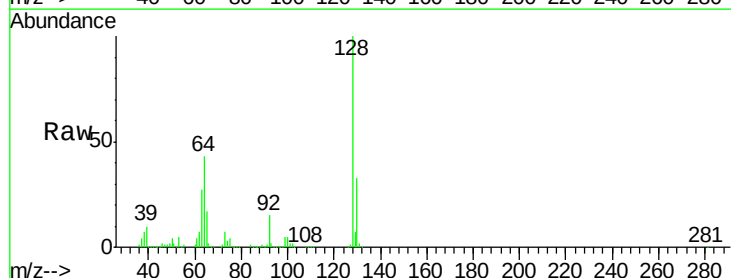
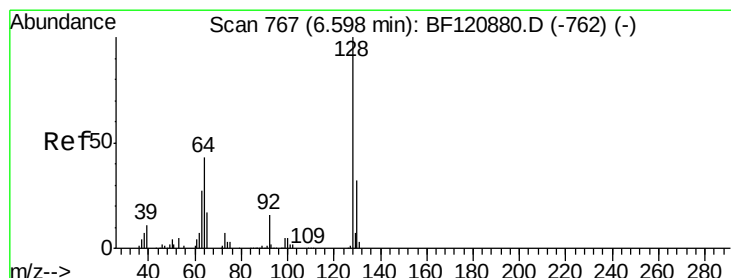
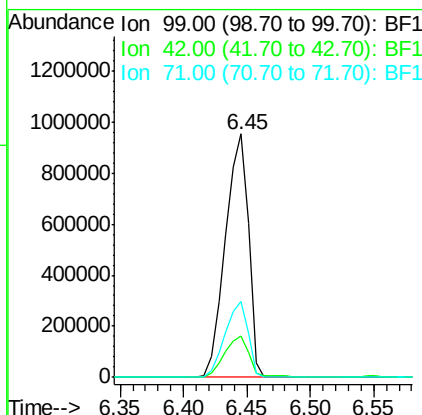
BNA\_F

ClientSampleId :

PB130244BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.059 ng

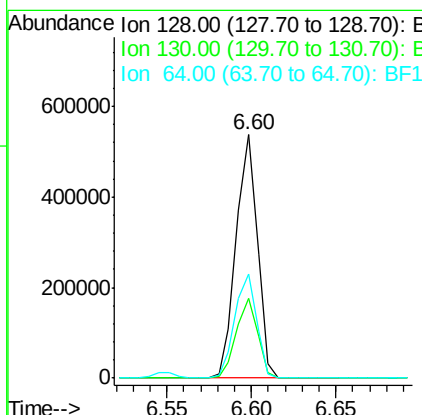
RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

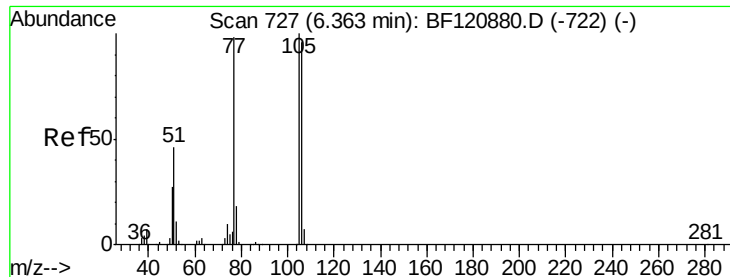
Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 472713 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.5  | 12.1  | 52.1   |
| 64       | 42.9  | 24.0  | 64.0   |







#9

Benzaldehyde

Concen: 17.533 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

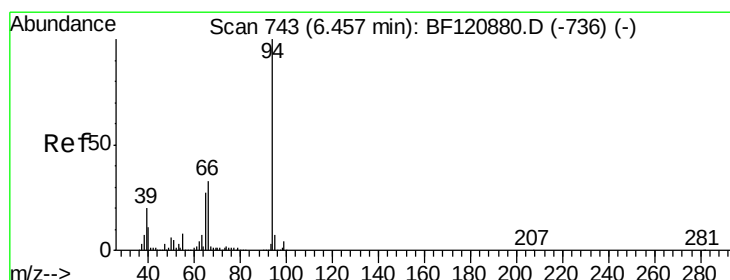
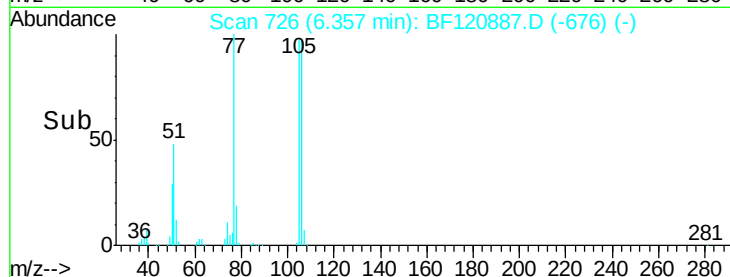
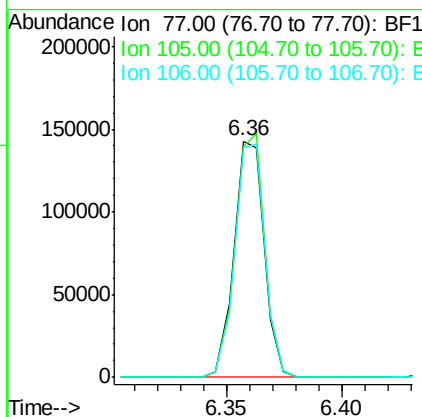
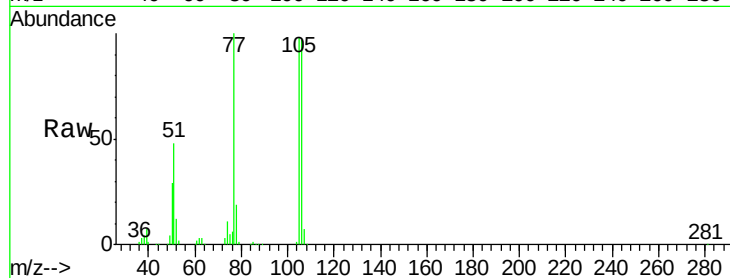
ClientSampleId :

PB130244BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 130270 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 97.9  | 82.5  | 122.5  |
| 106       | 96.9  | 78.7  | 118.7  |

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#10

Phenol

Concen: 41.353 ng

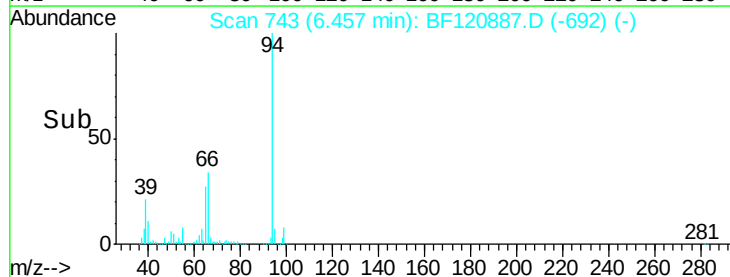
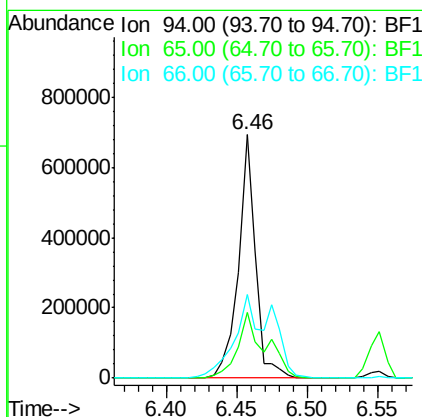
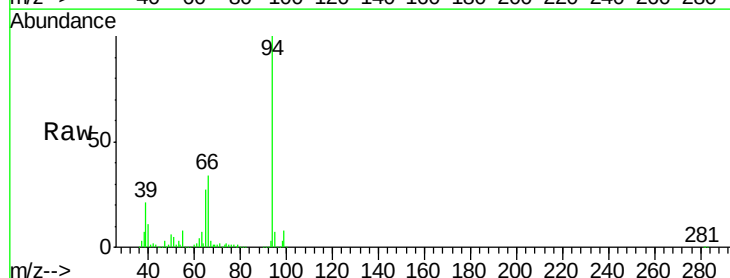
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

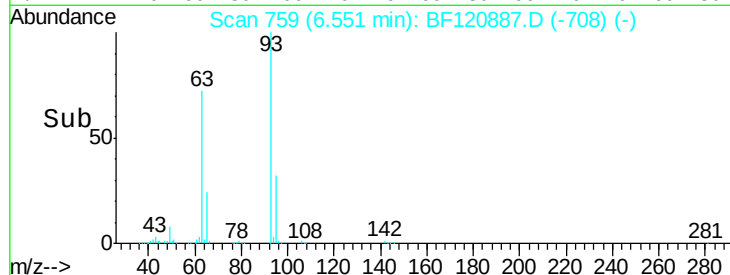
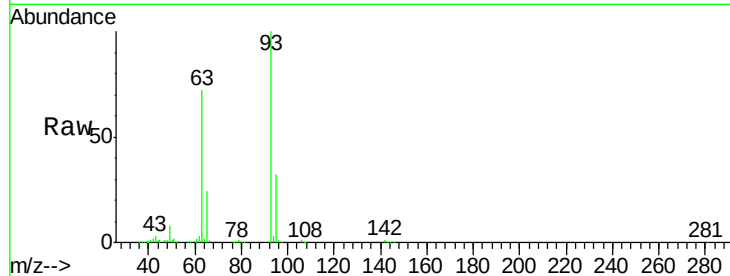
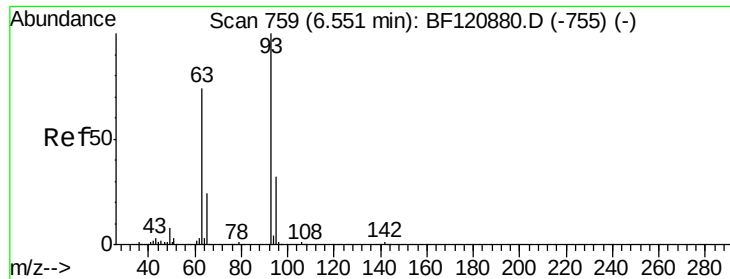
Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 585587 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 27.0  | 6.6   | 46.6   |
| 66        | 34.2  | 13.2  | 53.2   |







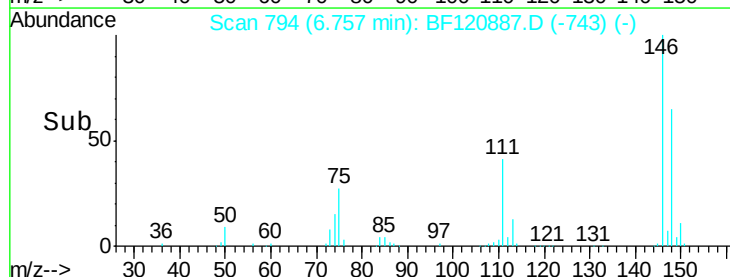
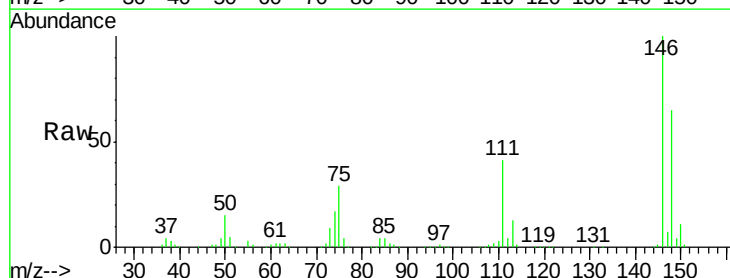
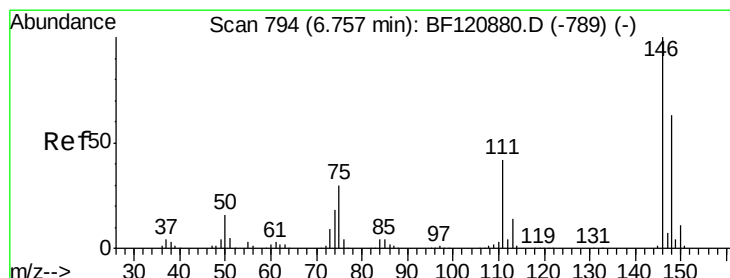
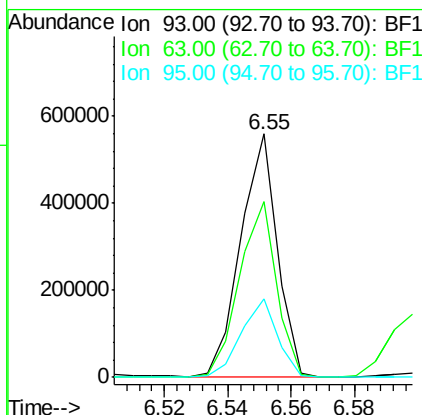
#11  
bis(2-Chloroethyl)ether  
Concen: 41.097 ng  
RT: 6.55 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 446004 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 72.1  | 54.2  | 94.2   |
| 95       | 32.4  | 12.2  | 52.2   |

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

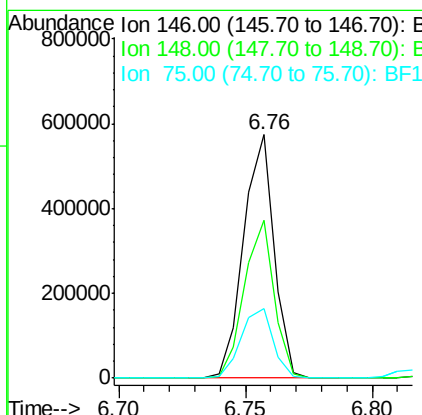
Manual Integrations  
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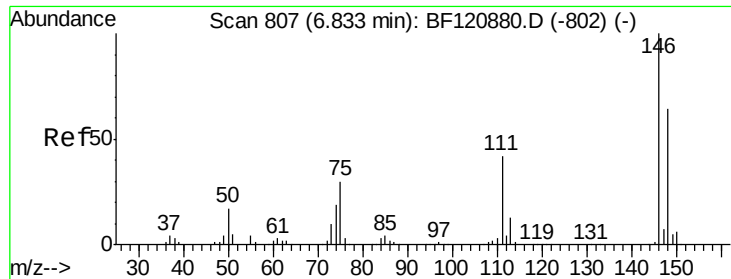
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 40.224 ng  
RT: 6.76 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 478837 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.6  | 50.6  | 75.8   |
| 75       | 28.7  | 24.1  | 36.1   |





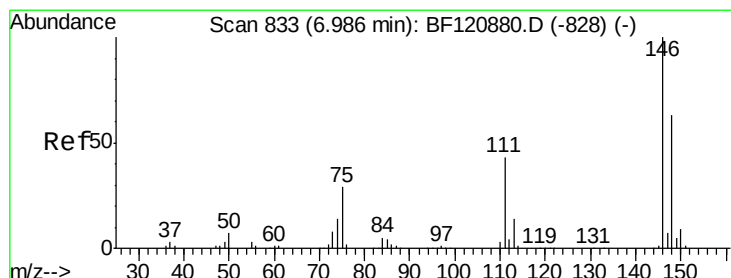
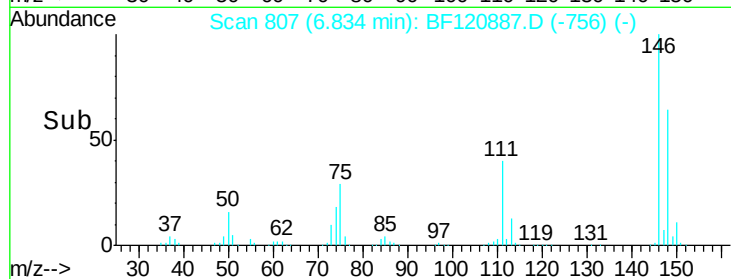
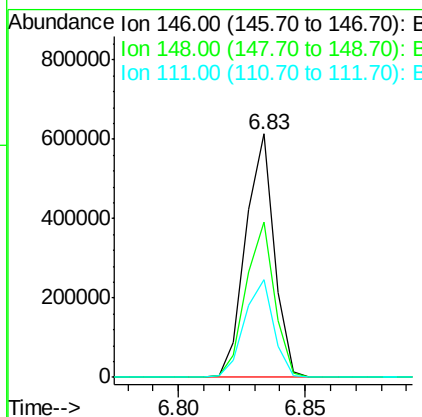
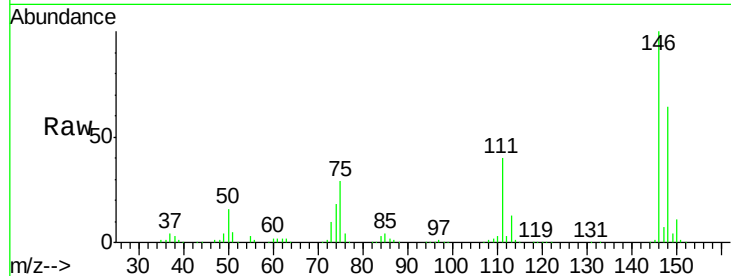
#13  
 1,4-Dichlorobenzene  
 Concen: 40.538 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 51.6  | 77.4  |
| 111     | 40.0  | 33.5  | 50.3  |

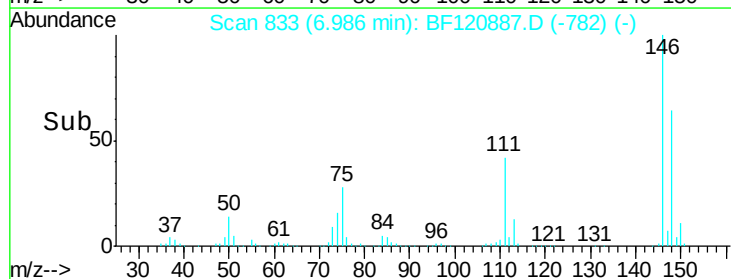
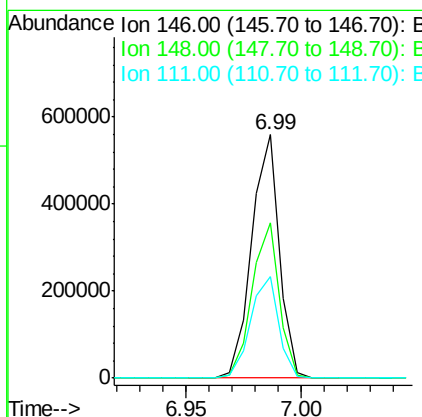
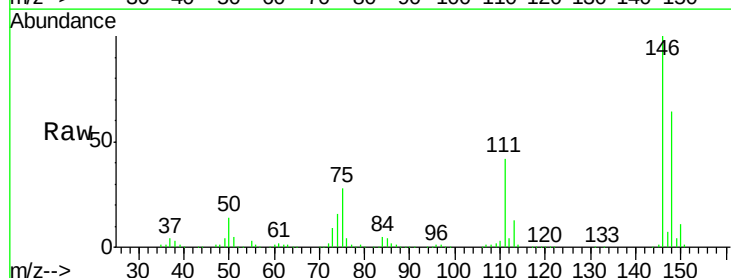
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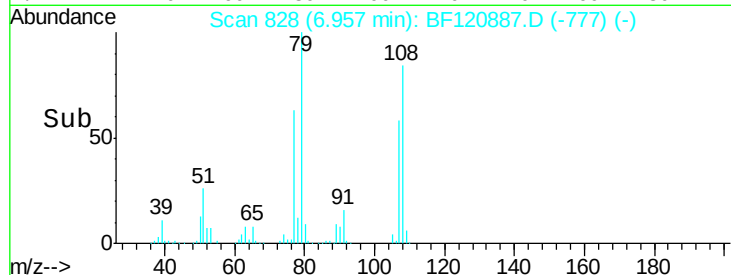
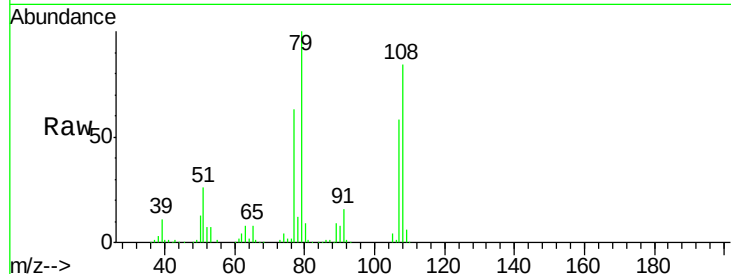
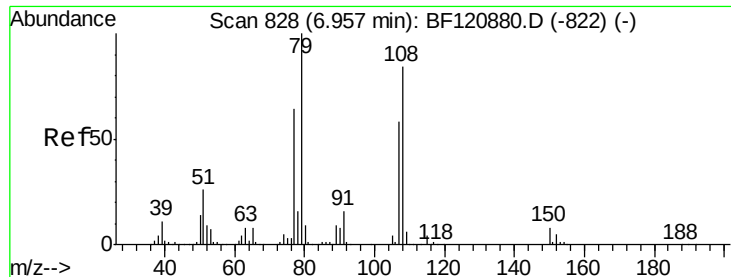
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.703 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 50.6  | 76.0  |
| 111     | 41.6  | 34.2  | 51.2  |





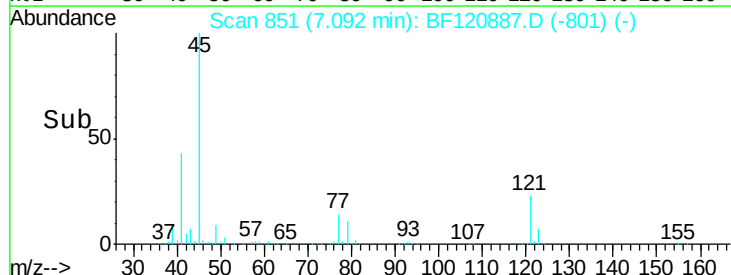
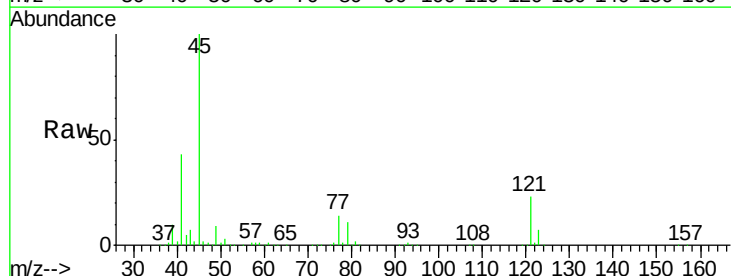
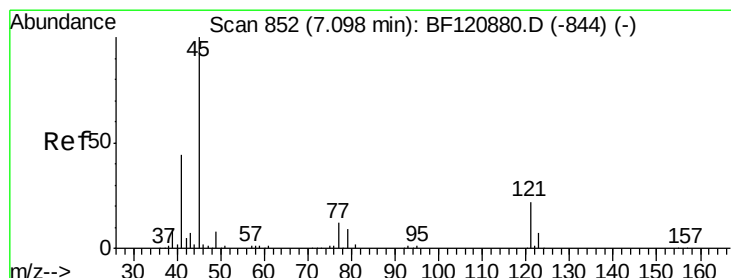
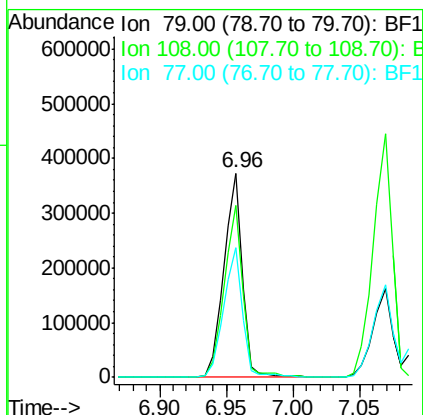
#15  
Benzyl Alcohol  
Concen: 40.573 ng  
RT: 6.96 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 84.2  | 67.0  | 100.6 |
| 77      | 63.4  | 51.0  | 76.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

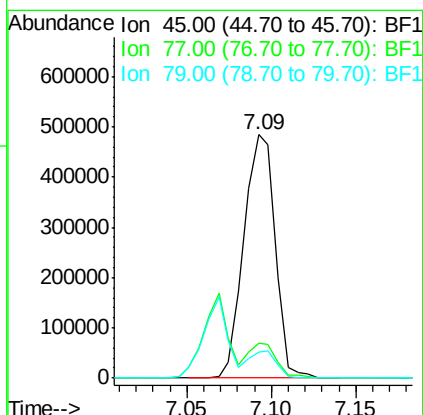
Manual Integrations  
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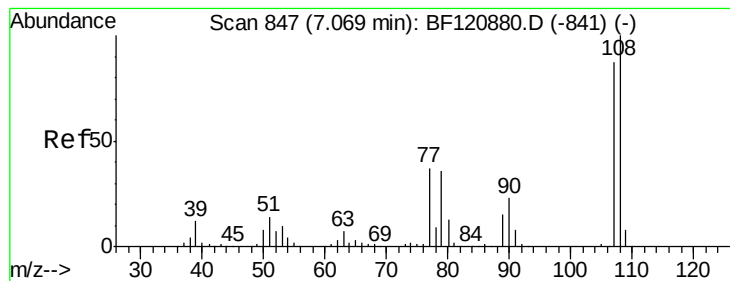
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.967 ng  
RT: 7.09 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.2  | 0.0   | 34.3  |
| 79      | 10.8  | 0.0   | 31.0  |





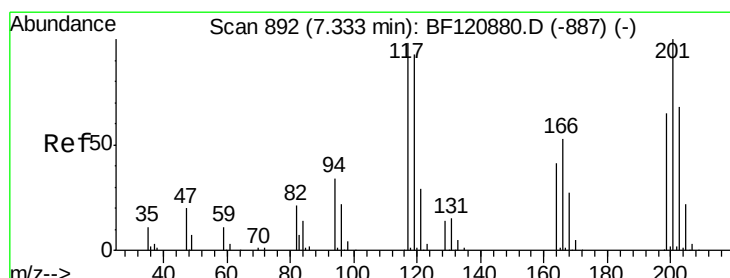
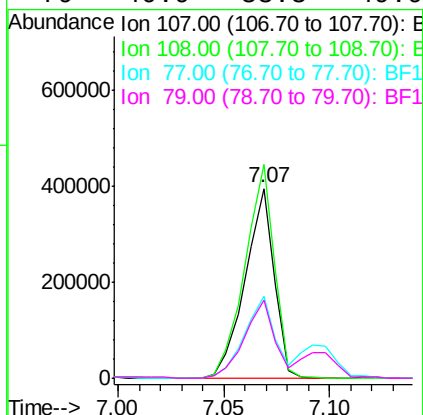
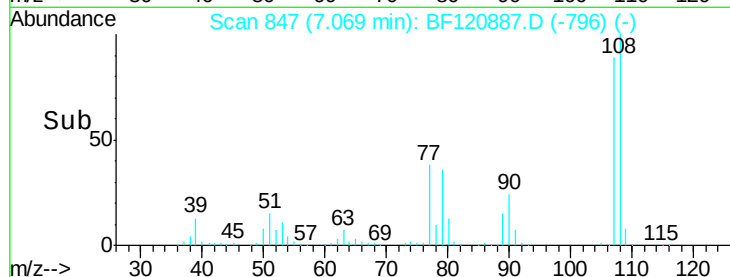
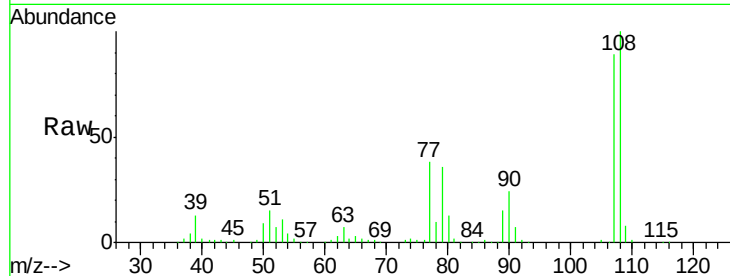
#17  
2-Methylphenol  
Concen: 38.763 ng  
RT: 7.07 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 377177 |       |       |
| 108     | 112.5 | 92.0   | 138.0 |       |
| 77      | 42.8  | 34.0   | 51.0  |       |
| 79      | 40.9  | 33.3   | 49.9  |       |

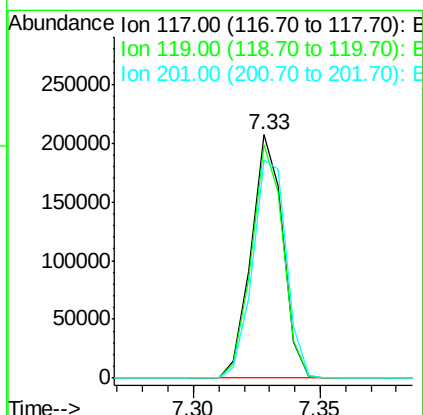
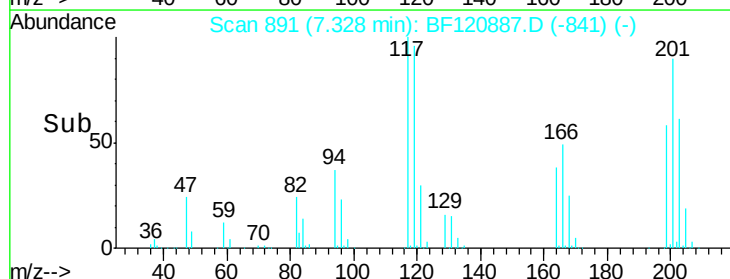
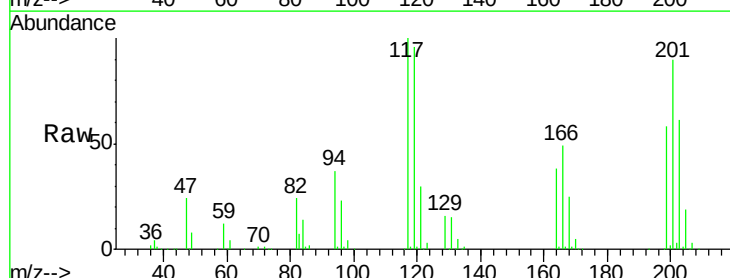
Manual Integrations  
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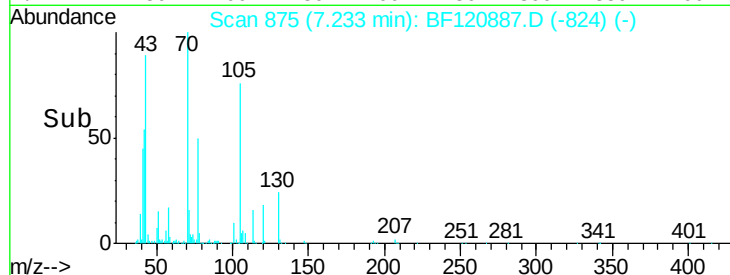
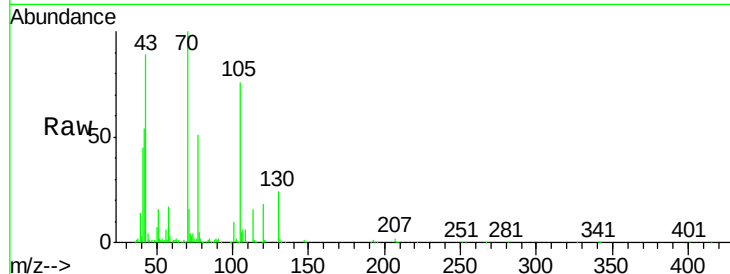
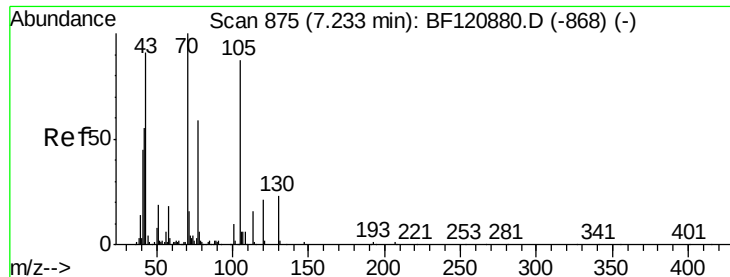
mohammad  
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#18  
Hexachloroethane  
Concen: 41.960 ng  
RT: 7.33 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 179772 |       |       |
| 119     | 95.9  | 76.0   | 114.0 |       |
| 201     | 89.7  | 81.7   | 122.5 |       |





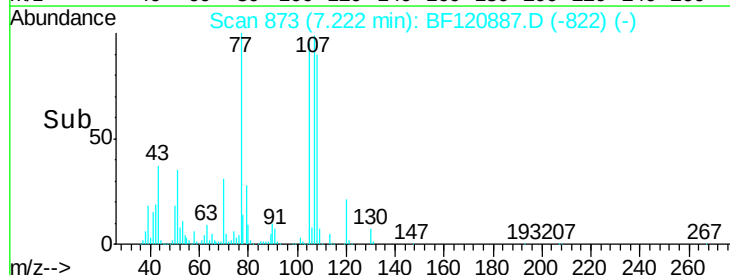
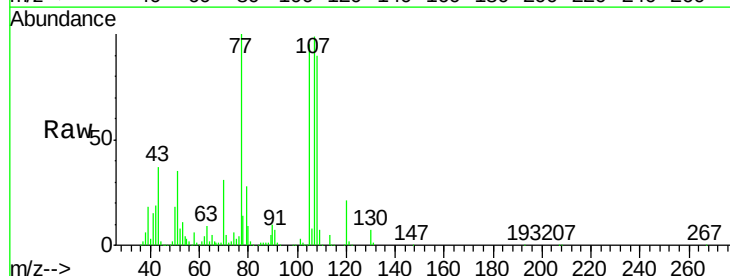
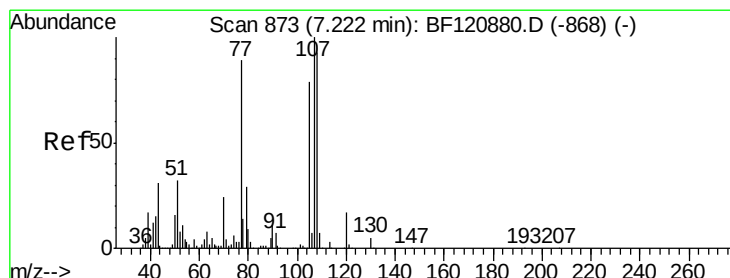
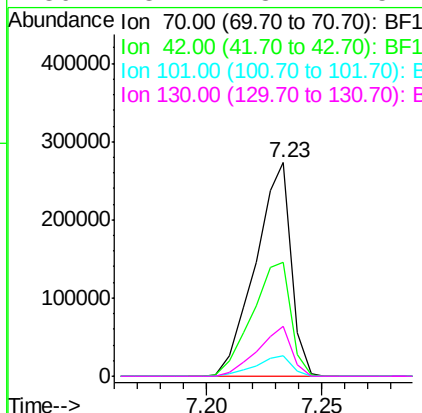
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.179 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 53.5 | 44.0  | 66.0 |       |       |
| 101     | 9.8  | 7.8   | 11.6 |       |       |
| 130     | 23.7 | 18.7  | 28.1 |       |       |

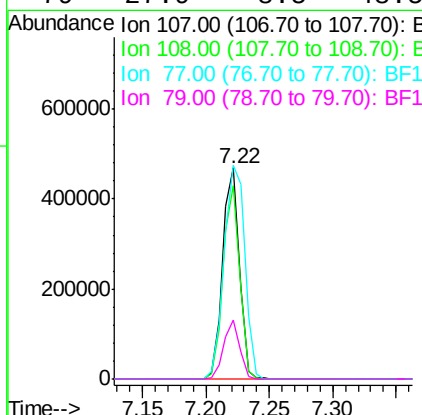
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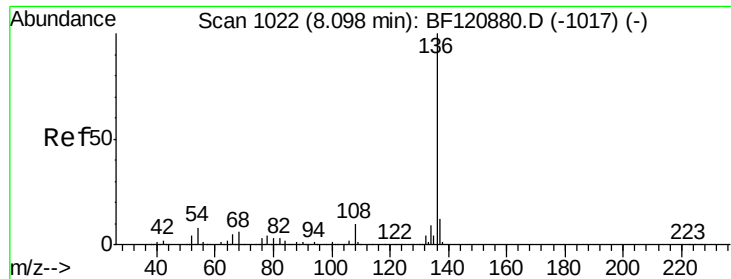
mohammad  
7/17/2020 12:30:11 PM



#20  
3+4-Methylphenols  
Concen: 35.015 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |       |
| 108     | 91.5  | 72.8  | 112.8 |       |       |
| 77      | 101.3 | 68.7  | 108.7 |       |       |
| 79      | 27.9  | 8.5   | 48.5  |       |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

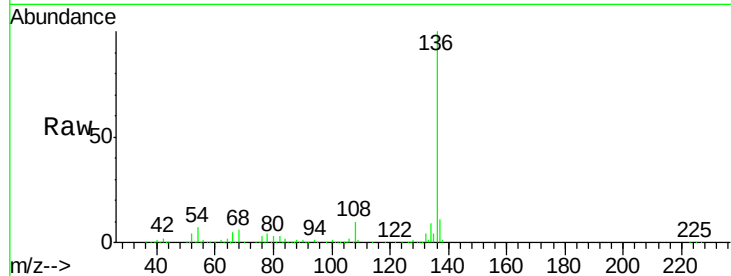
ClientSampleId :

PB130244BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 632167 |       |       |
| 137     | 11.3  | 9.3    | 13.9  |       |
| 54      | 7.5   | 6.3    | 9.5   |       |
| 68      | 6.0   | 5.0    | 7.4   |       |

Manual Integrations  
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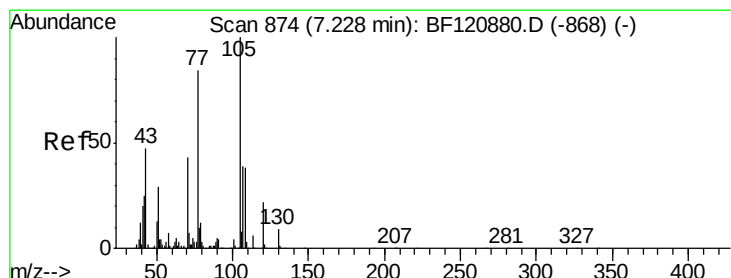
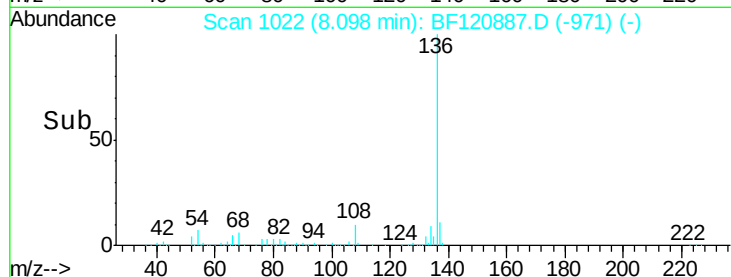
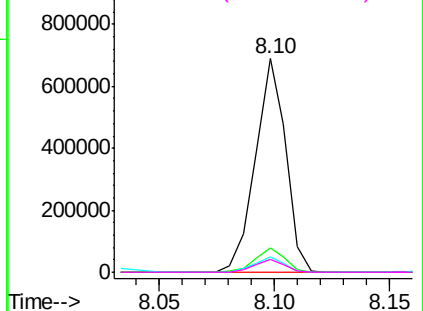
Abundance

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



#22

Acetophenone

Concen: 39.788 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 564502 |       |       |
| 71      | 7.8   | 5.7    | 8.5   |       |
| 51      | 27.8  | 22.9   | 34.3  |       |
| 120     | 22.8  | 18.0   | 27.0  |       |

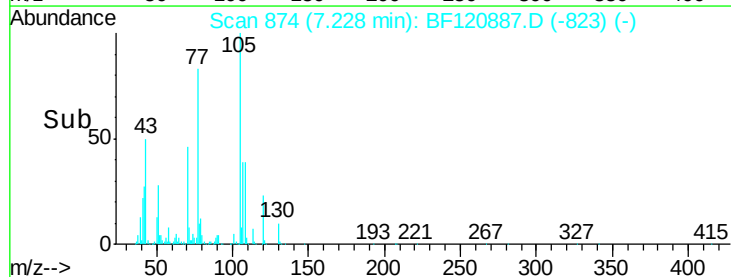
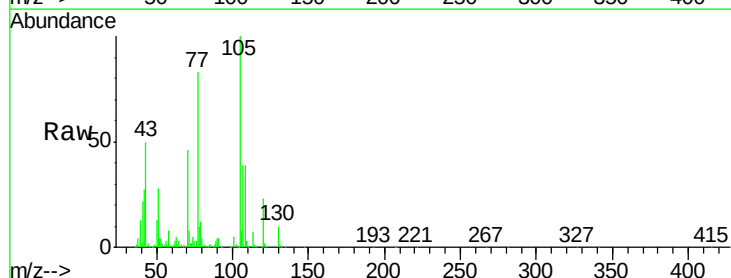
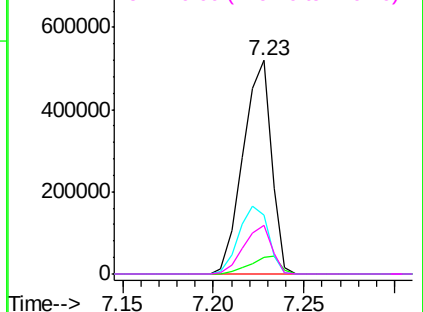
Abundance

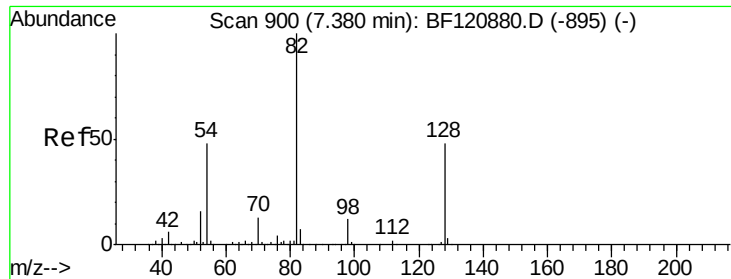
Ion 105.00 (104.70 to 105.70): E

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





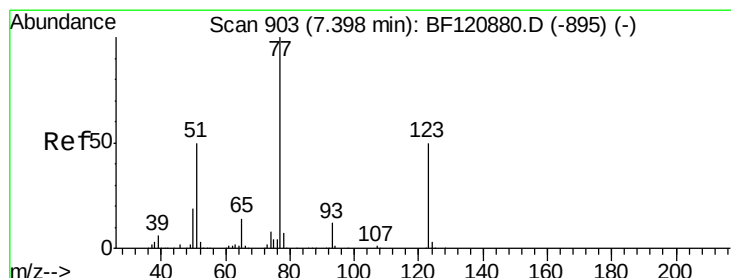
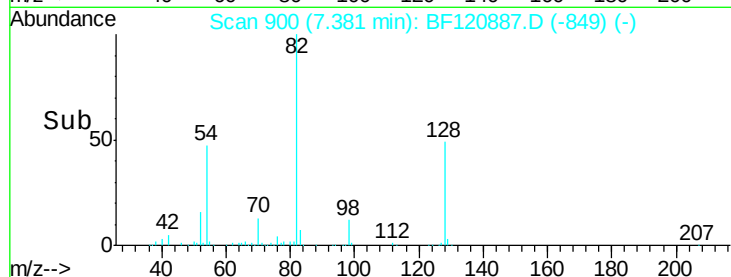
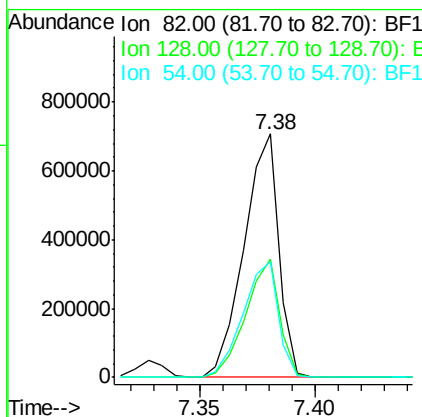
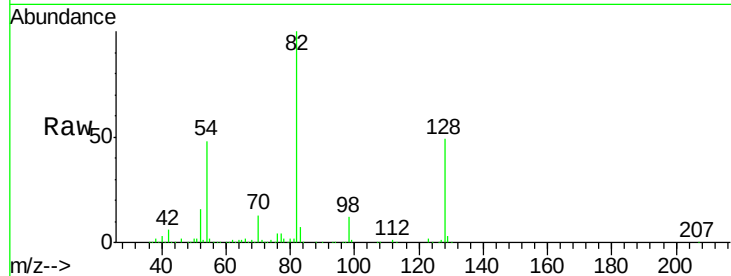
#23  
 Nitrobenzene-d5  
 Concen: 67.984 ng  
 RT: 7.38 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 48.7  | 38.2  | 57.4  |
| 54      | 47.5  | 38.7  | 58.1  |

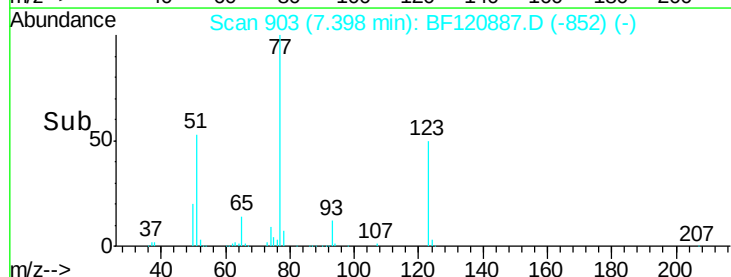
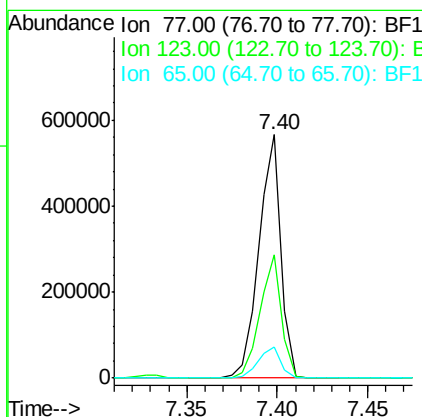
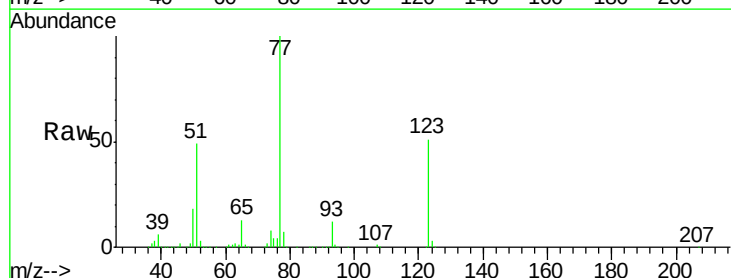
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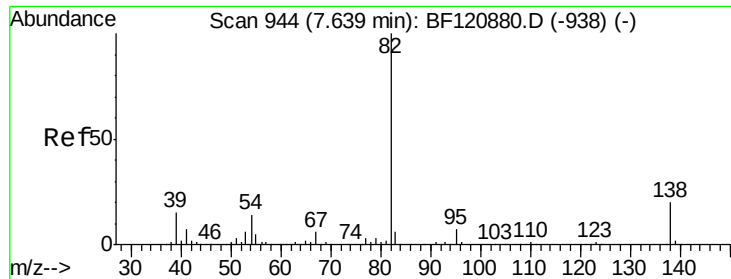


#24  
 Nitrobenzene  
 Concen: 40.486 ng  
 RT: 7.40 min Scan# 903  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.6  | 40.1  | 60.1  |
| 65      | 12.9  | 10.8  | 16.2  |







#25

Isophorone

Concen: 39.950 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

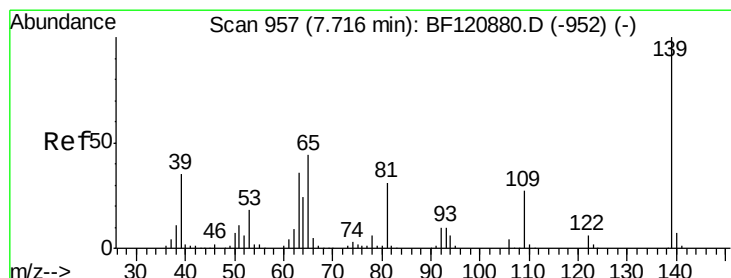
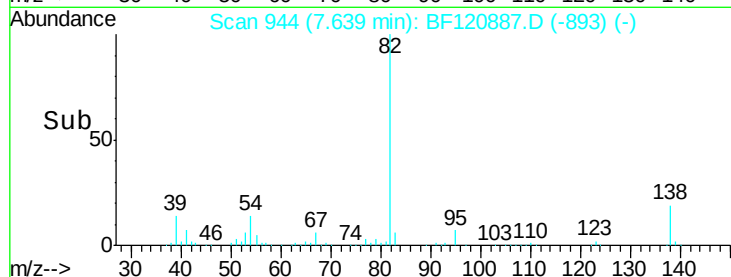
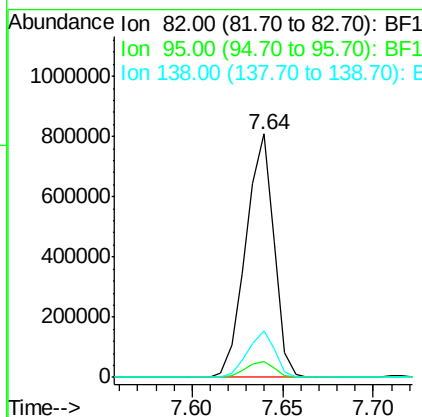
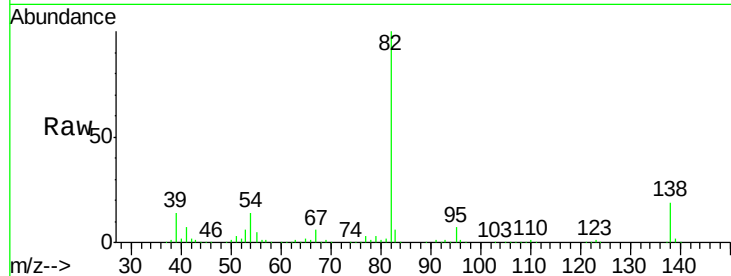
ClientSampleId :

PB130244BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 871091 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 6.7  | 5.5   | 8.3    |
| 138       | 19.0 | 15.6  | 23.4   |

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#26

2-Nitrophenol

Concen: 44.549 ng

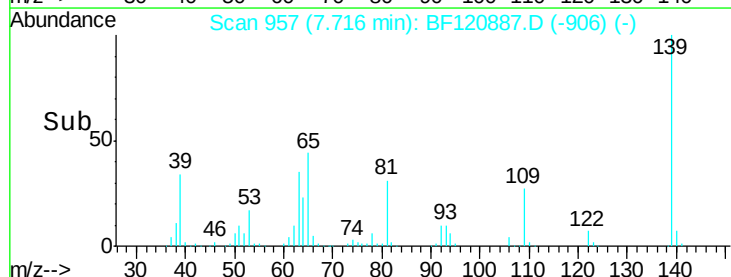
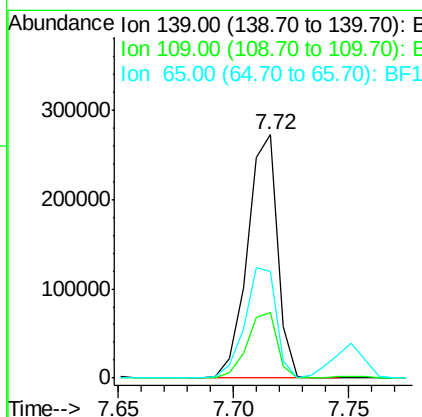
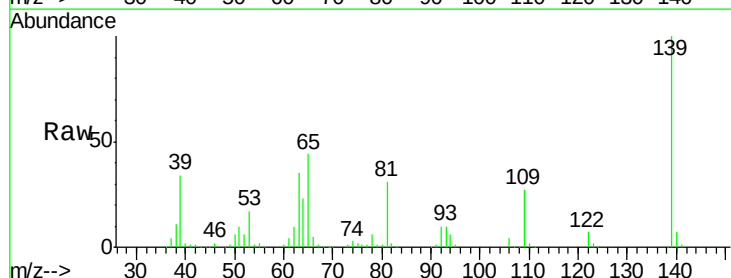
RT: 7.72 min Scan# 957

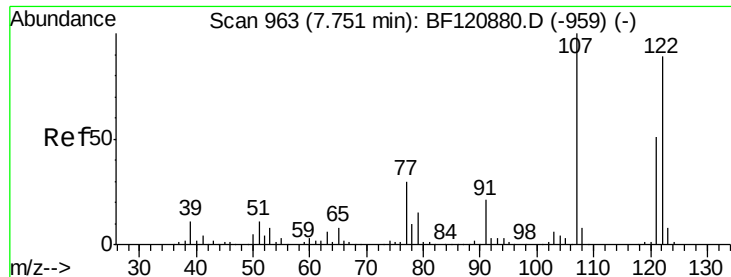
Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 249140 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 27.0 | 21.6  | 32.4   |
| 65        | 43.6 | 35.3  | 52.9   |





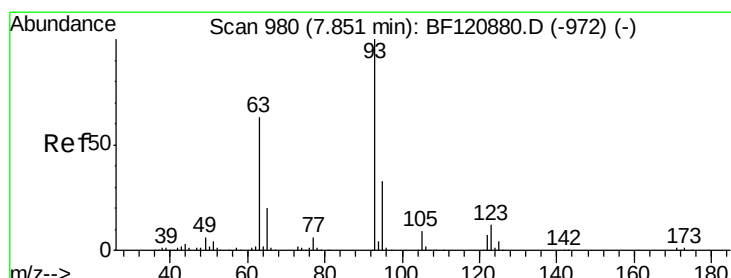
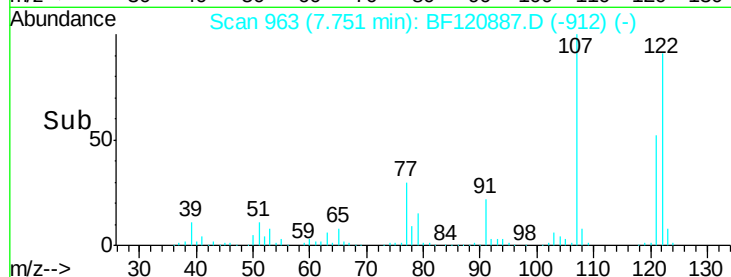
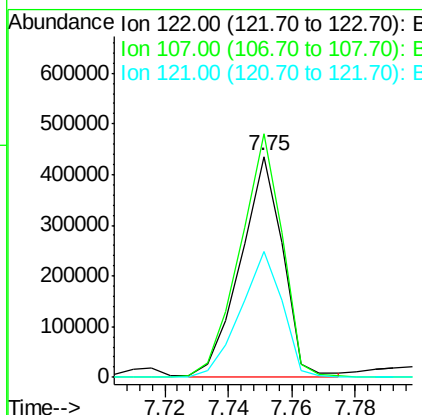
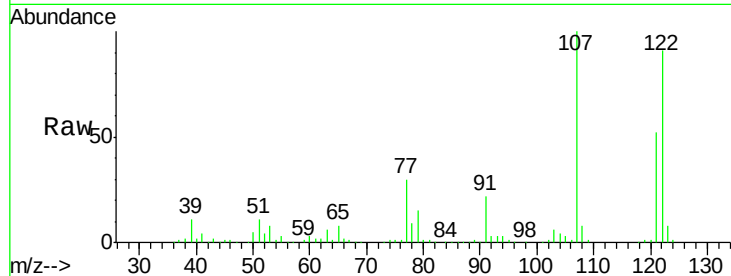
#27  
2,4-Dimethylphenol  
Concen: 44.332 ng  
RT: 7.75 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.1 | 89.4  | 134.0 |
| 121     | 57.0  | 46.0  | 69.0  |

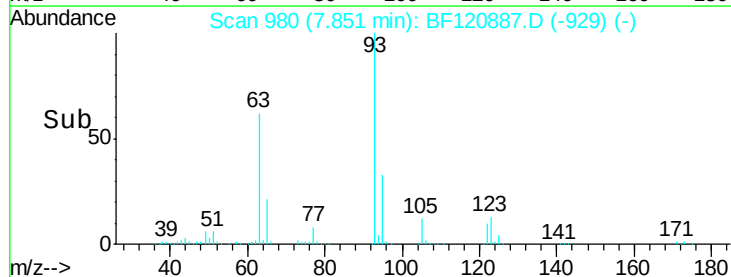
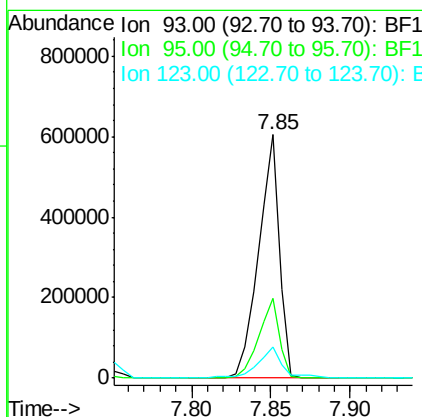
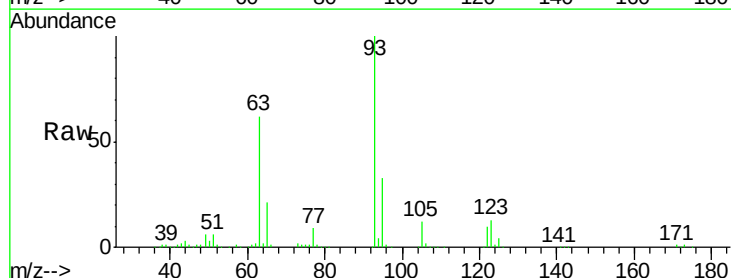
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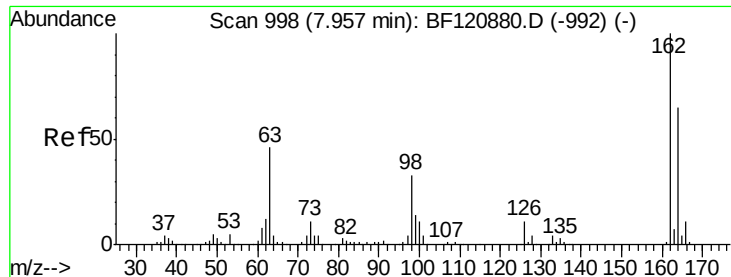
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 41.602 ng  
RT: 7.85 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.6  | 39.8  |
| 123     | 12.6  | 10.0  | 15.0  |





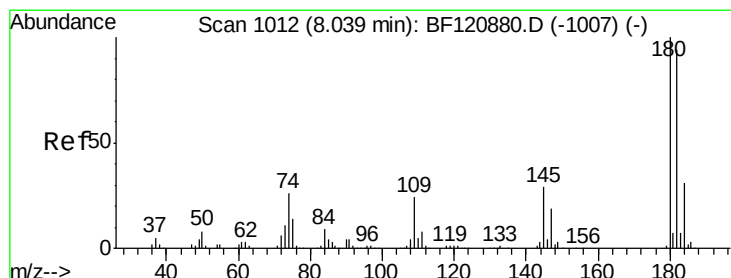
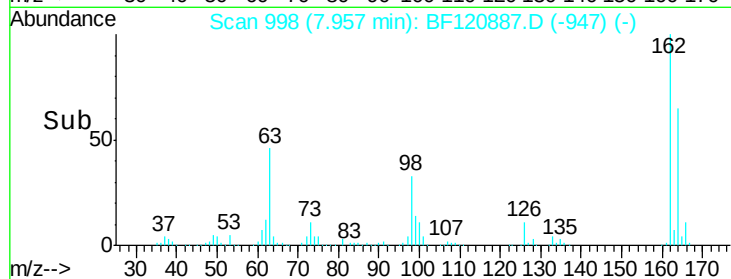
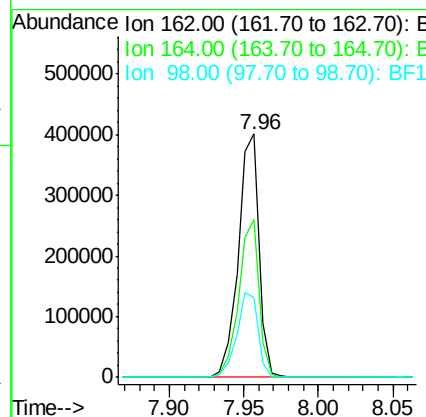
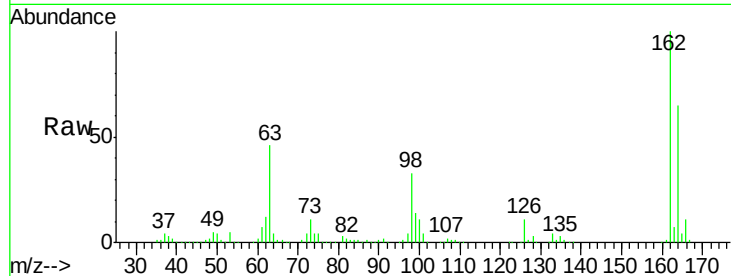
#29  
2,4-Dichlorophenol  
Concen: 42.168 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleID :  
PB130244BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.7  | 45.3       | 85.3       |
| 98      | 32.9  | 13.3       | 53.3       |

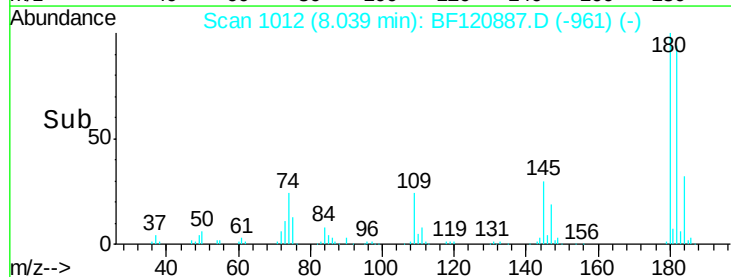
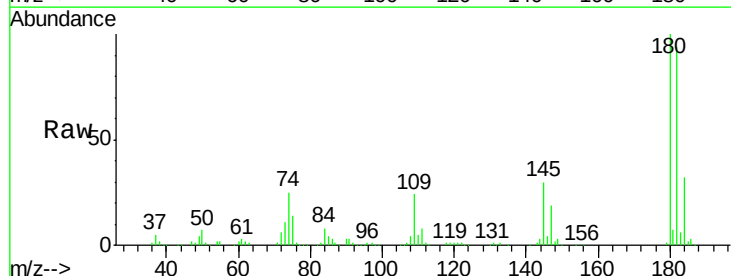
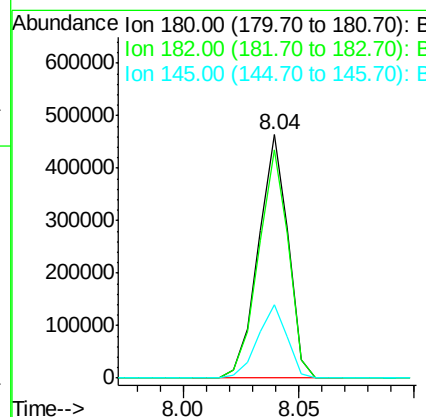
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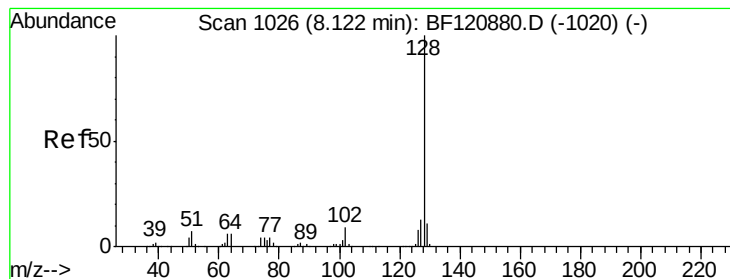
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.328 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 93.9  | 75.0       | 112.6      |
| 145     | 29.9  | 23.5       | 35.3       |





#31

Naphthalene

Concen: 39.997 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

ClientSampleId :

PB130244BS

Tot Ion:128 Resp: 1296981

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

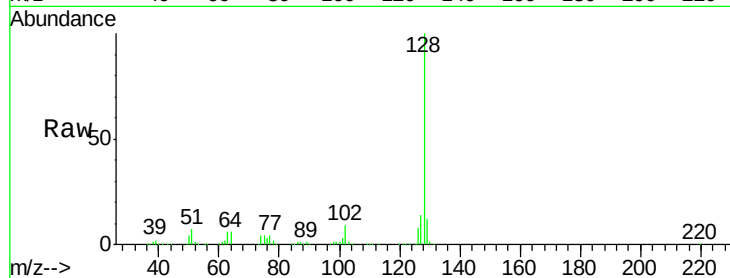
127 13.6 10.7 16.1

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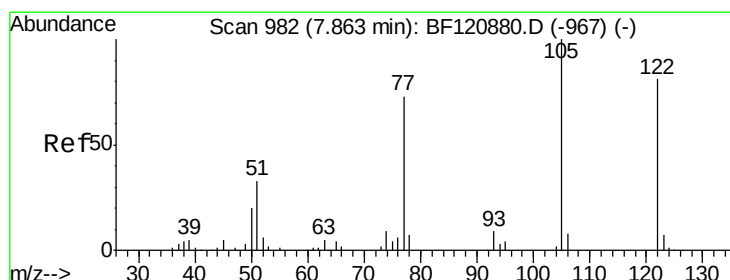
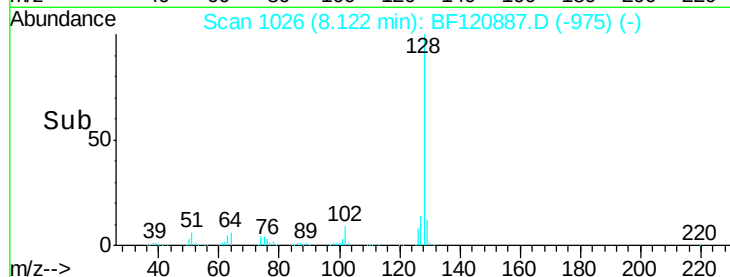
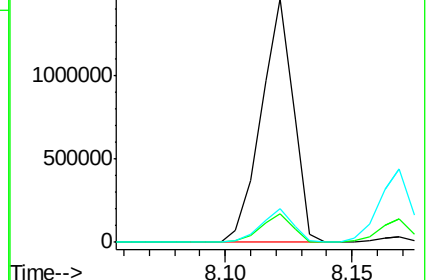
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Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.505 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

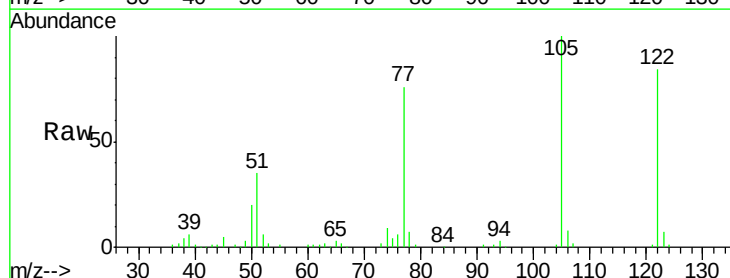
Tgt Ion:122 Resp: 310163

Ion Ratio Lower Upper

122 100

105 119.3 101.3 141.3

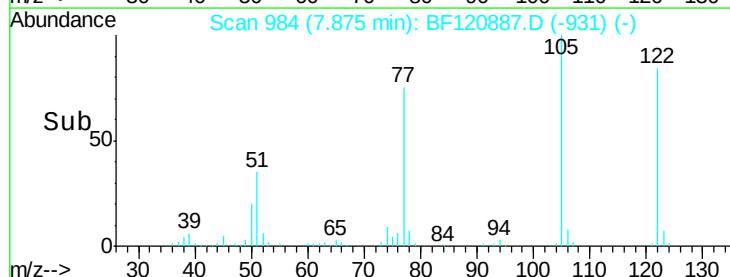
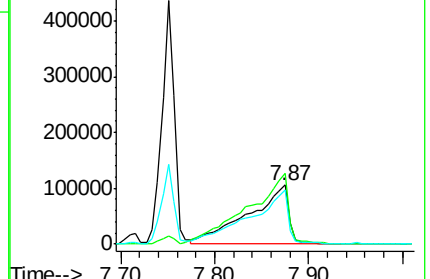
77 90.8 69.1 109.1

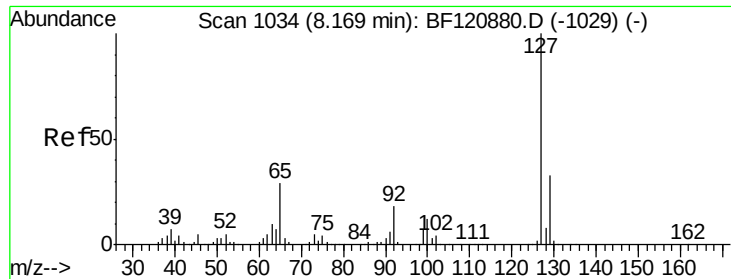


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





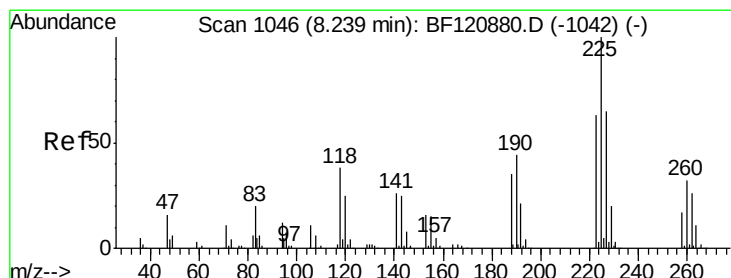
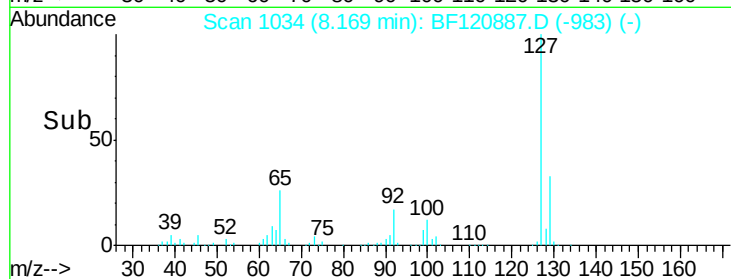
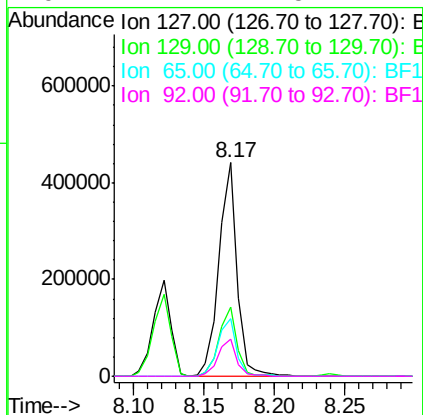
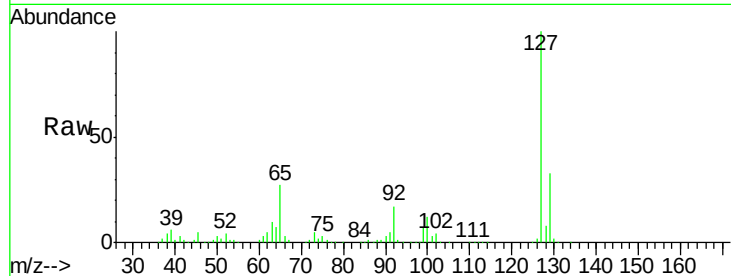
#33  
4-Chloroaniline  
Concen: 27.195 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.6  | 26.5       | 39.7  |
| 65      | 27.0  | 23.0       | 34.4  |
| 92      | 17.4  | 14.5       | 21.7  |

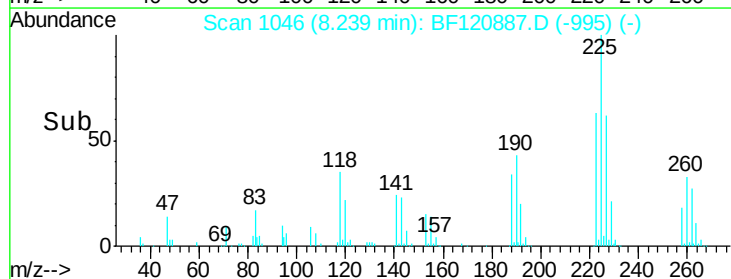
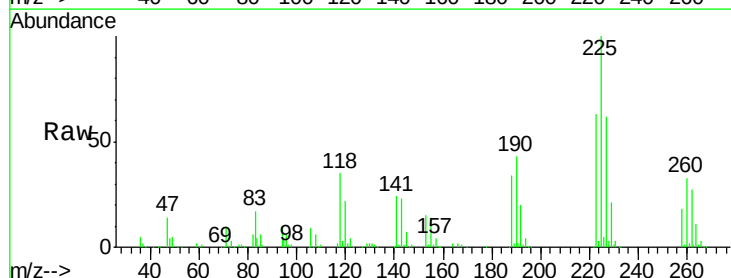
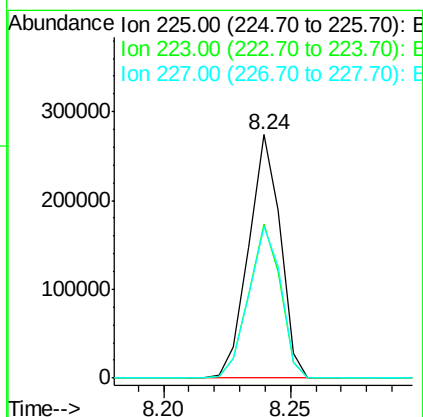
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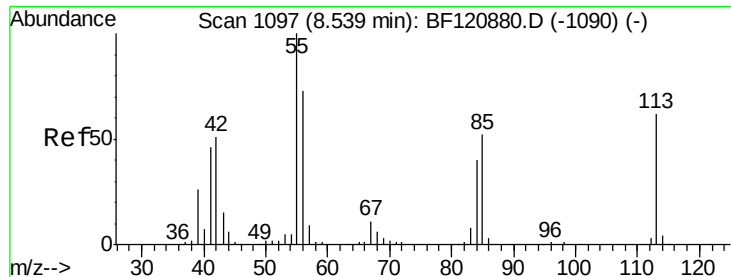
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 39.461 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 63.4  | 50.6       | 76.0  |
| 227     | 62.5  | 52.2       | 78.2  |





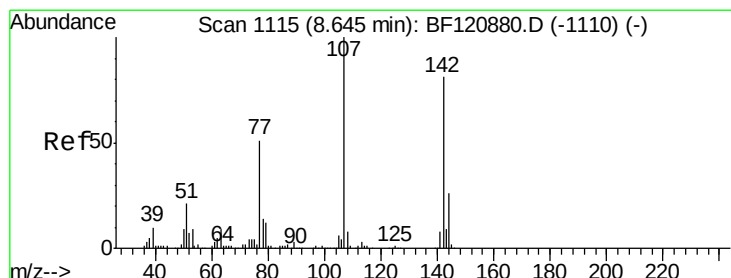
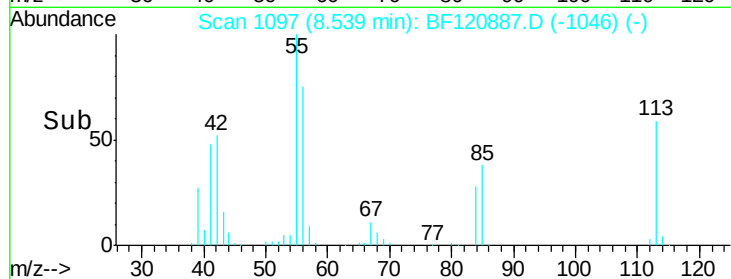
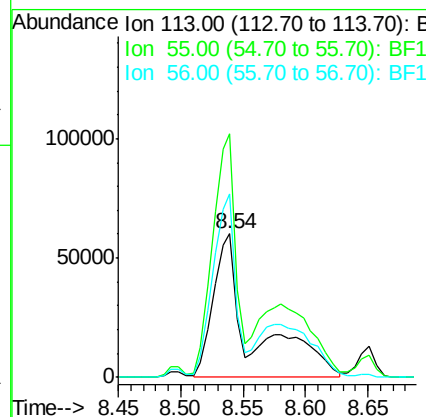
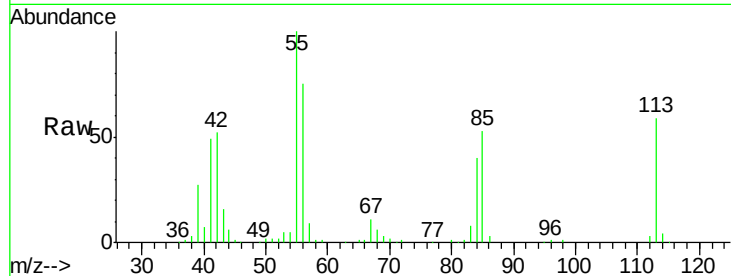
#35  
Caprolactam  
Concen: 44.086 ng/ml  
RT: 8.54 min Scan# 1097  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 169.4 | 143.3 | 183.3 |
| 56      | 127.3 | 99.4  | 139.4 |

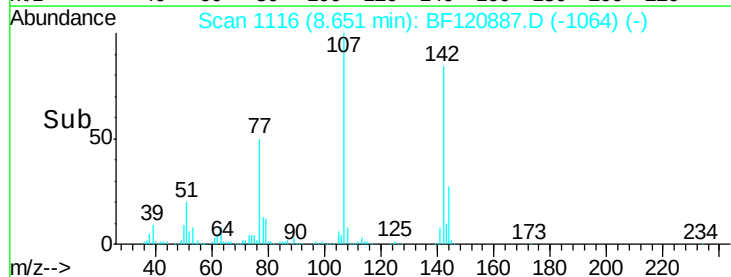
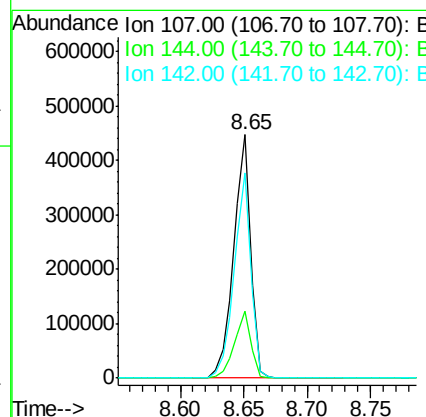
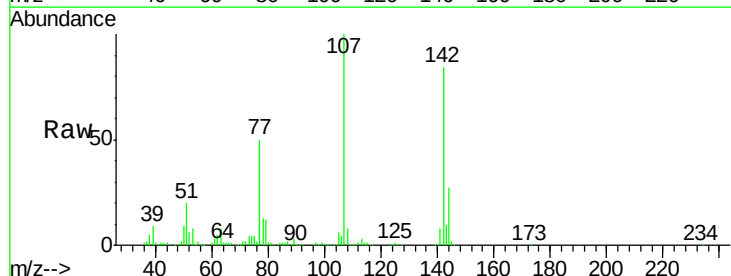
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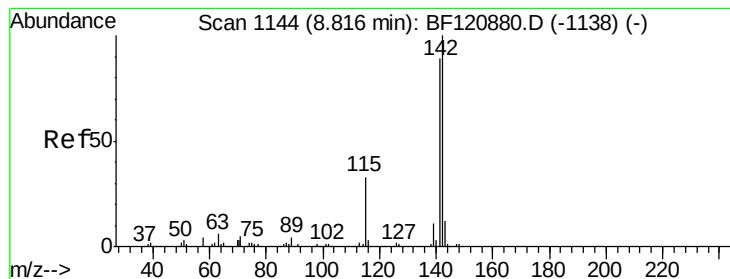
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 43.493 ng/ml  
RT: 8.65 min Scan# 1116  
Delta R.T. 0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.4  | 21.0  | 31.6  |
| 142     | 84.4  | 65.0  | 97.6  |





#37

2-Methylnaphthalene

Concen: 41.922 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

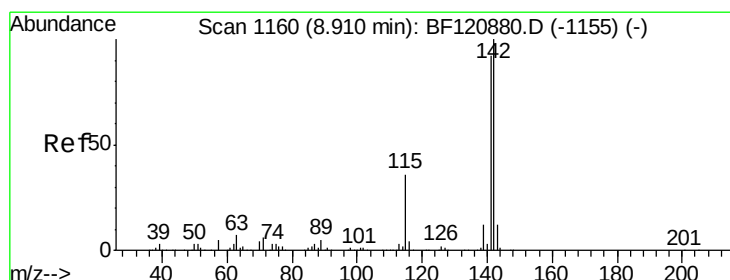
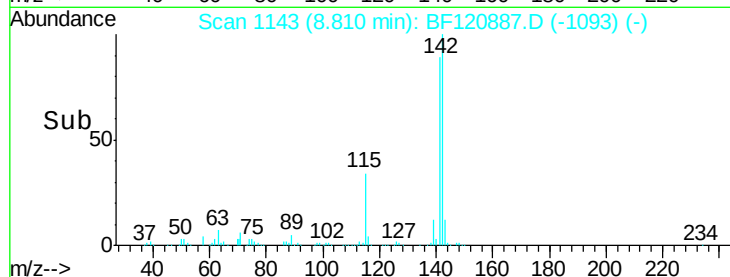
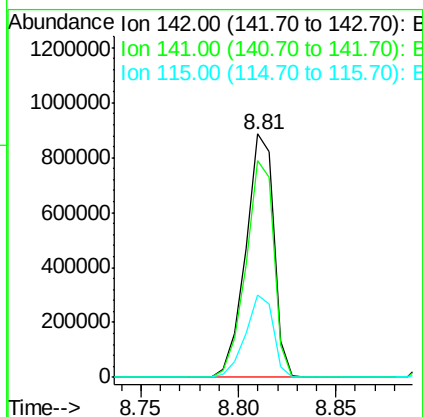
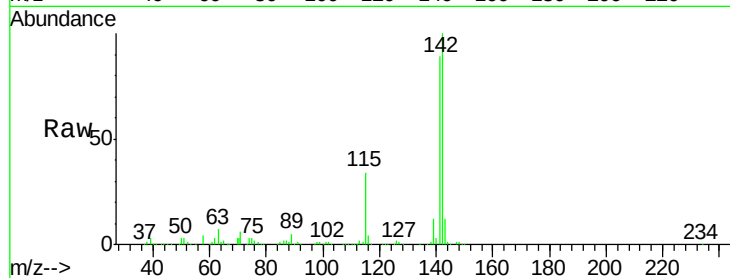
ClientSampleId :

PB130244BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 882667 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.1  | 71.0  | 106.4  |
| 115       | 34.1  | 26.0  | 39.0   |

Manual Integrations  
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#38

1-Methylnaphthalene

Concen: 42.115 ng

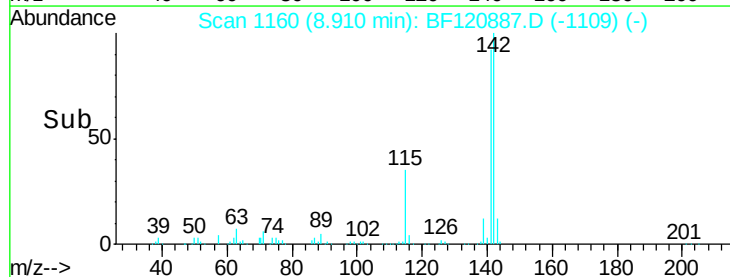
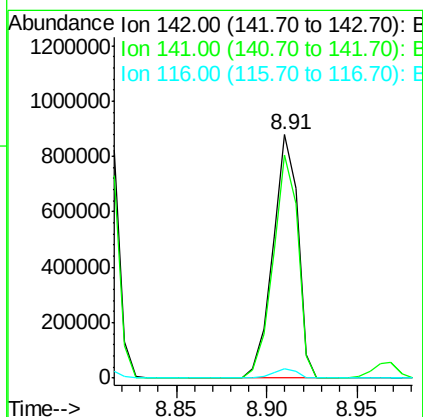
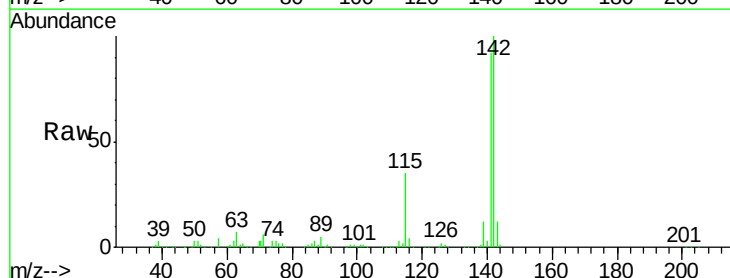
RT: 8.91 min Scan# 1160

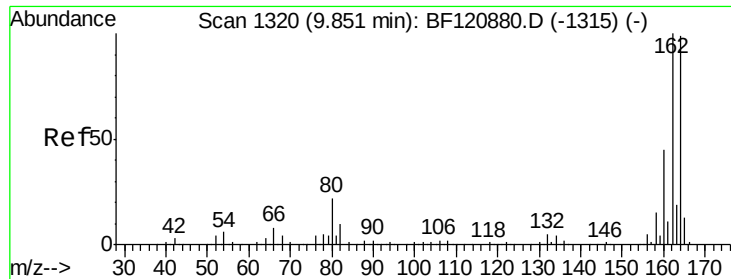
Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 839831 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 91.5  | 73.7  | 110.5  |
| 116       | 3.8   | 3.0   | 4.6    |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

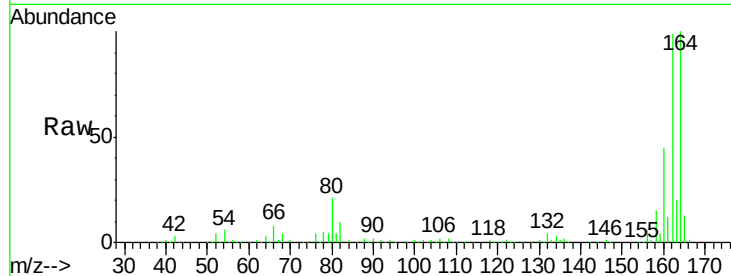
ClientSampleId :

PB130244BS

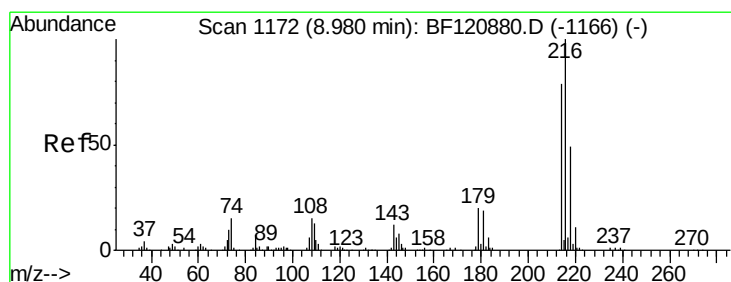
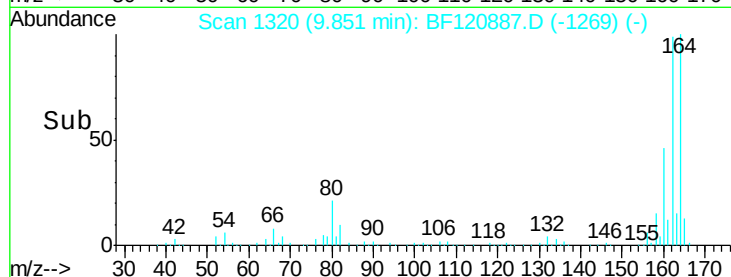
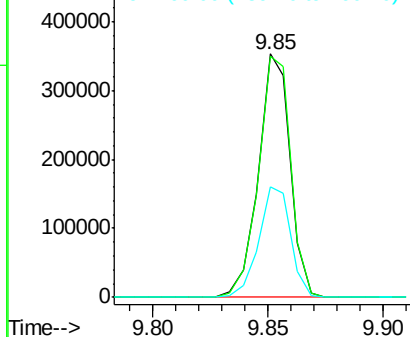
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 337142 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.9  | 81.2  | 121.8  |
| 160       | 45.2  | 36.9  | 55.3   |

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Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.647 ng

RT: 8.98 min Scan# 1172

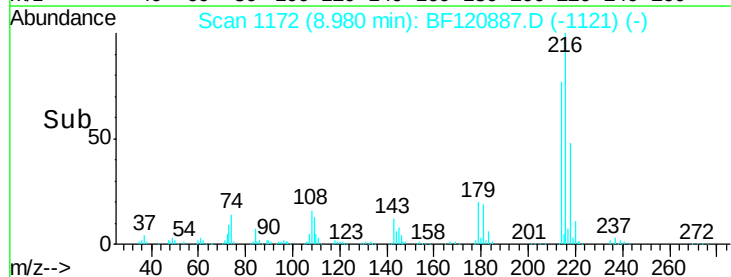
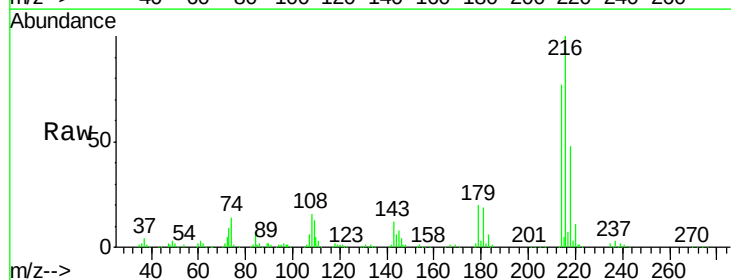
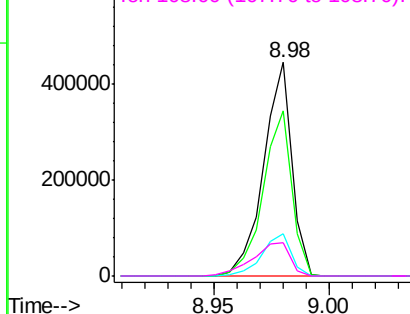
Delta R.T. 0.00 min

Lab File: BF120887.D

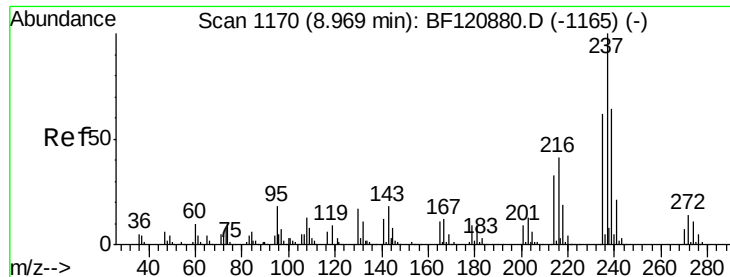
Acq: 16 Jul 2020 15:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 379629 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.9  | 63.8  | 95.8   |
| 179       | 20.5  | 16.6  | 24.8   |
| 108       | 21.1  | 15.4  | 23.0   |

Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 84.656 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

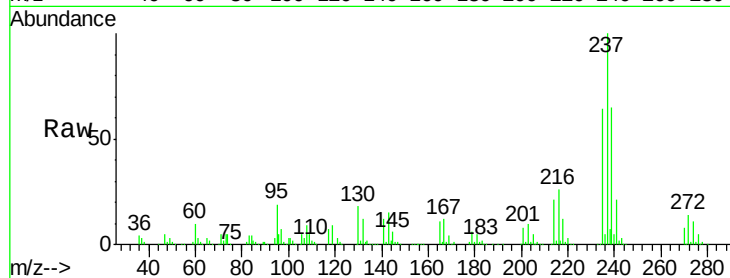
ClientSampleId :

PB130244BS

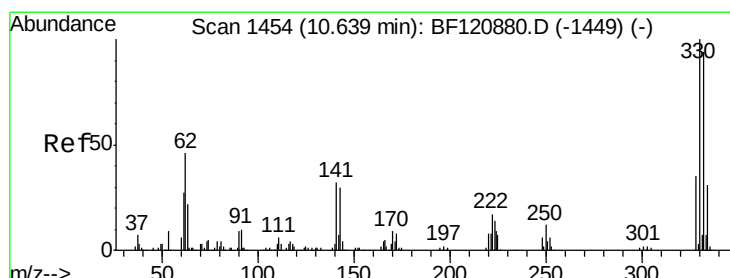
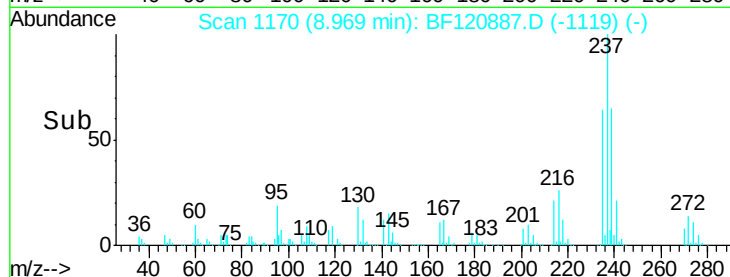
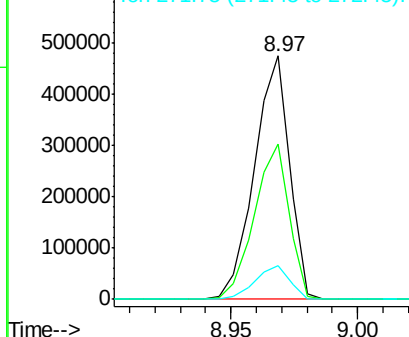
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 459587 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.6  | 41.6  | 81.6   |
| 272       | 14.0  | 0.0   | 33.7   |

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



#42

2,4,6-Tribromophenol

Concen: 102.207 ng

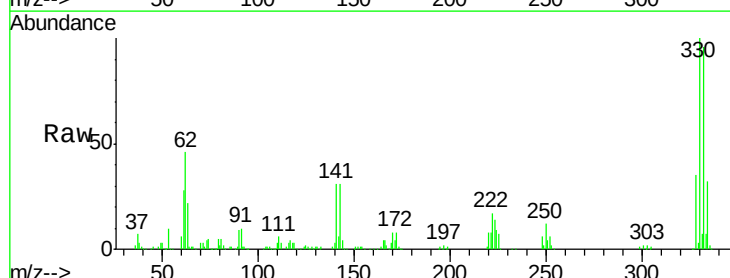
RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

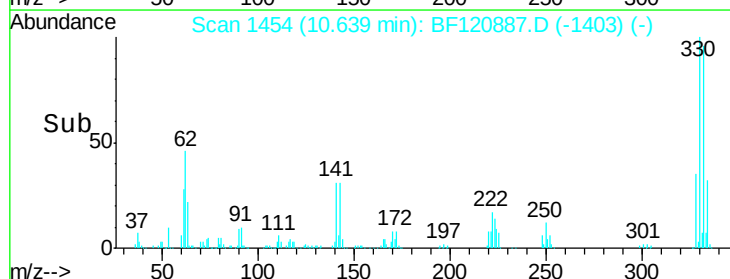
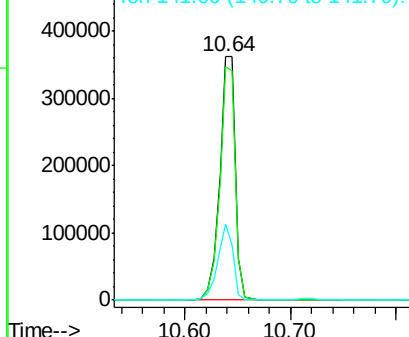
Lab File: BF120887.D

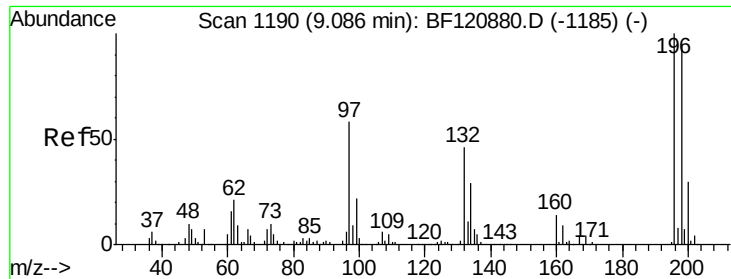
Acq: 16 Jul 2020 15:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 377179 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 75.5  | 113.3  |
| 141       | 30.7  | 25.7  | 38.5   |



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





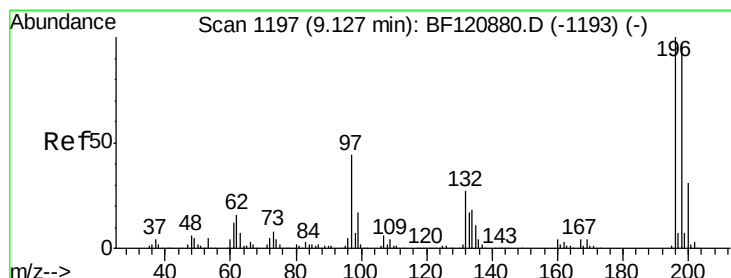
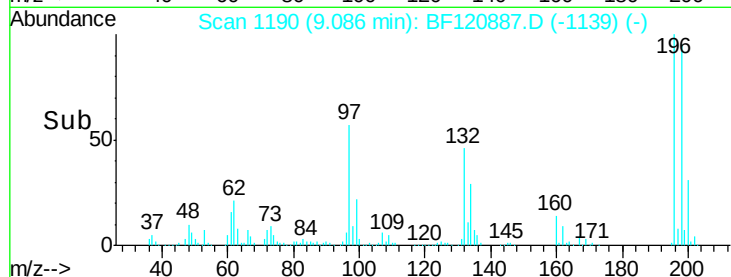
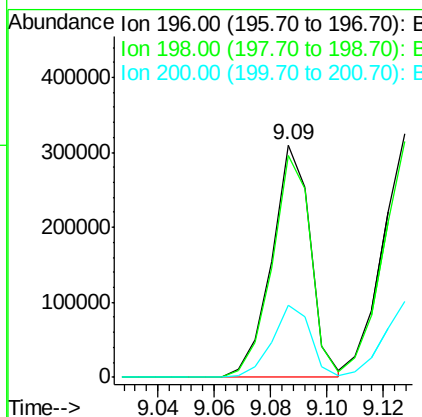
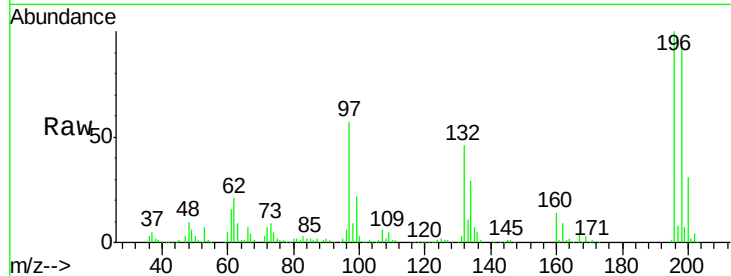
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.244 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 292166 |       |       |
| 198     | 95.4  | 75.7   | 113.5 |       |
| 200     | 30.8  | 24.4   | 36.6  |       |

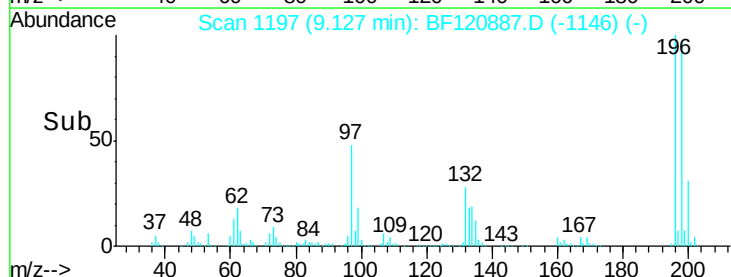
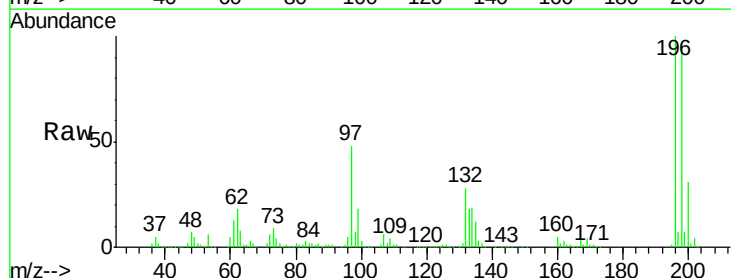
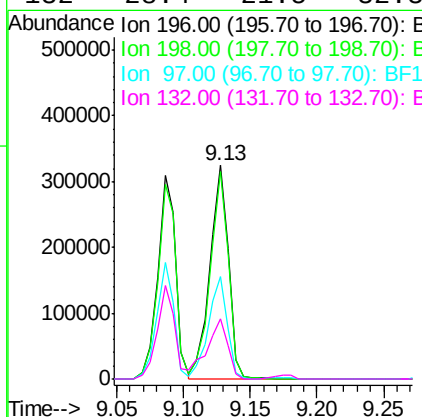
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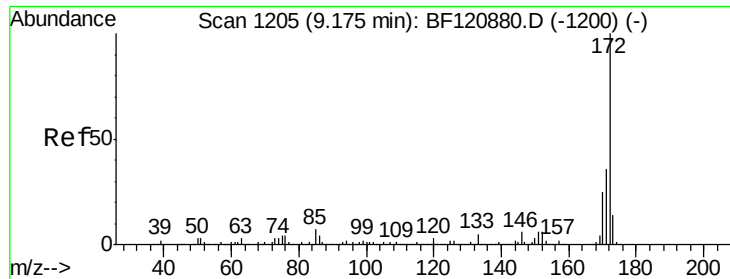
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#44  
 2,4,5-Trichlorophenol  
 Concen: 40.638 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 318813 |       |       |
| 198     | 97.1  | 77.6   | 116.4 |       |
| 97      | 47.7  | 35.6   | 53.4  |       |
| 132     | 28.4  | 21.5   | 32.3  |       |





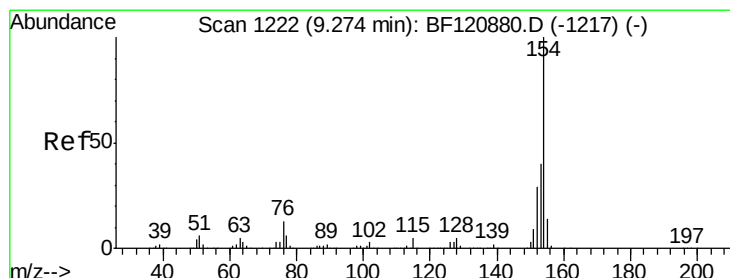
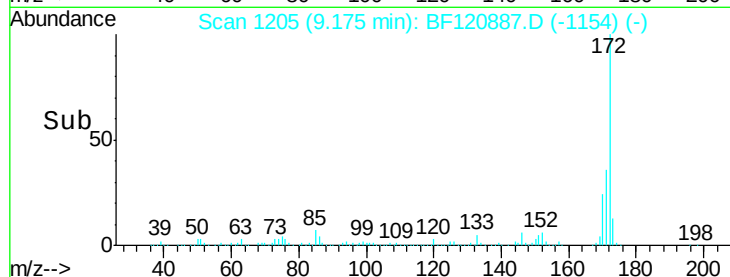
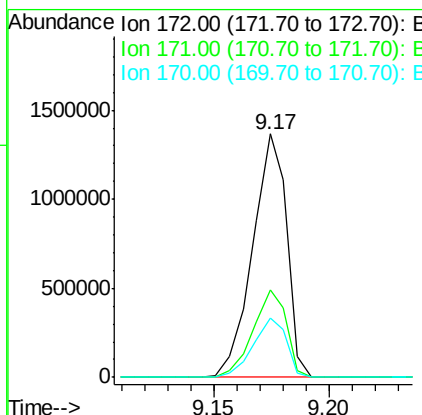
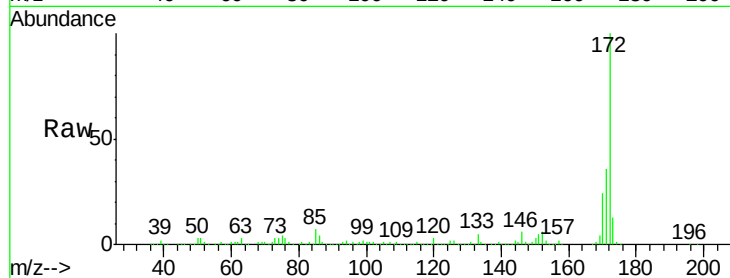
#45  
2-Fluorobiphenyl  
Concen: 62.236 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.7  | 29.0  | 43.4  |
| 170     | 24.5  | 19.6  | 29.4  |

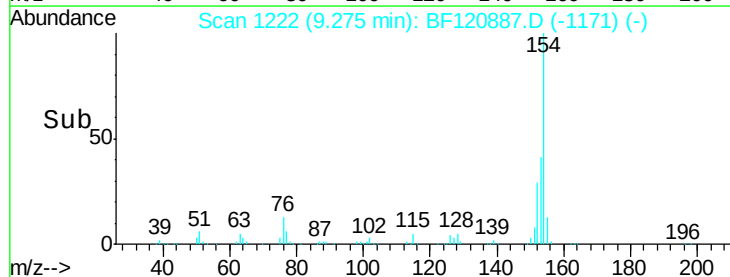
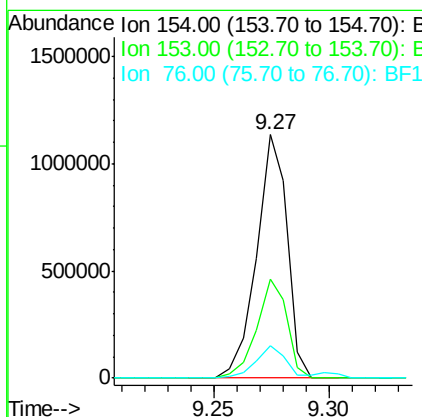
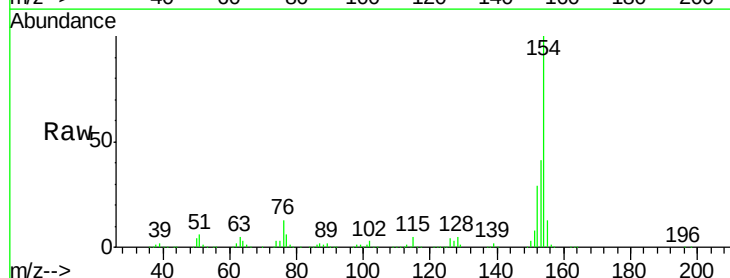
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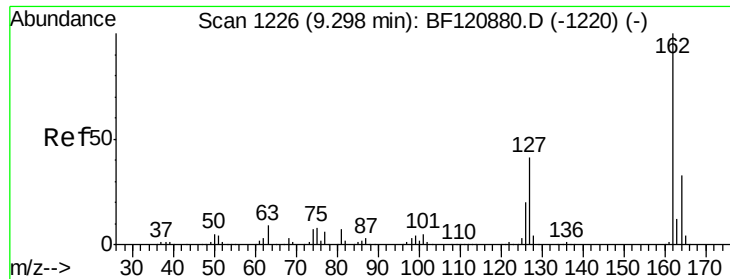
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#46  
1,1'-Biphenyl  
Concen: 40.735 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 20.4  | 60.4  |
| 76      | 13.2  | 0.0   | 33.1  |





#47

2-Chloronaphthalene

Concen: 39.814 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

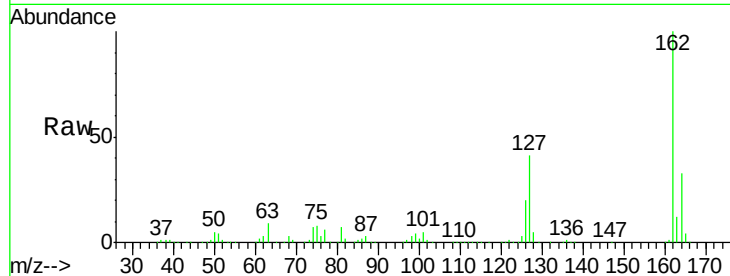
ClientSampleId :

PB130244BS

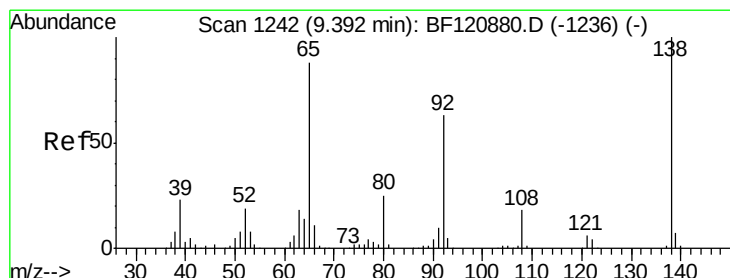
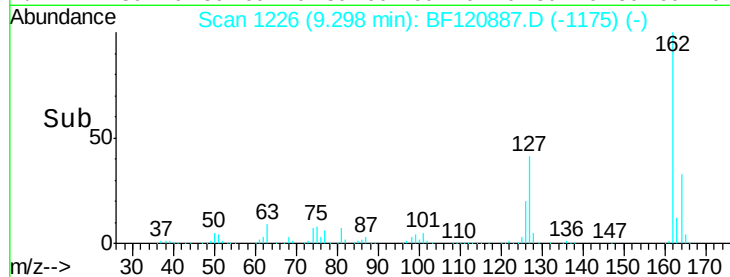
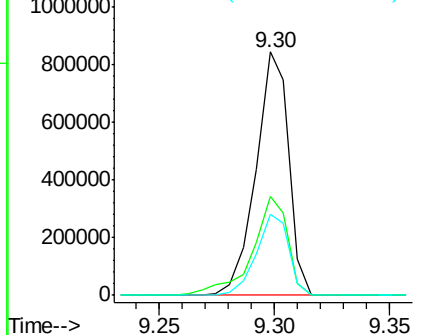
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 834803 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 40.8  | 33.3  | 49.9   |
| 164       | 33.2  | 26.6  | 39.8   |

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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: 42.248 ng

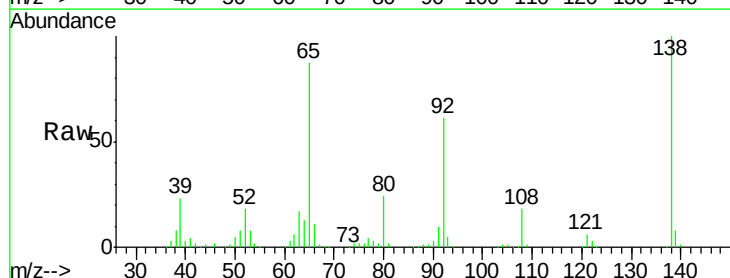
RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

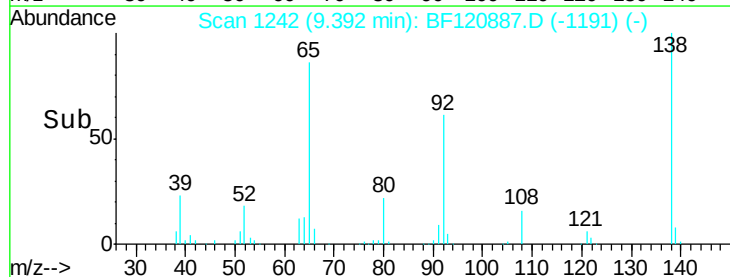
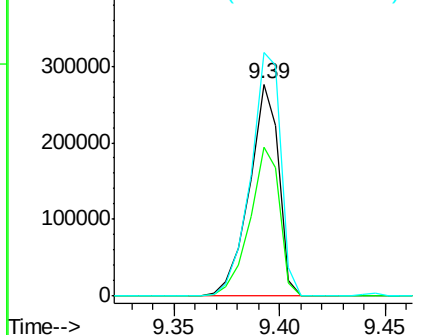
Lab File: BF120887.D

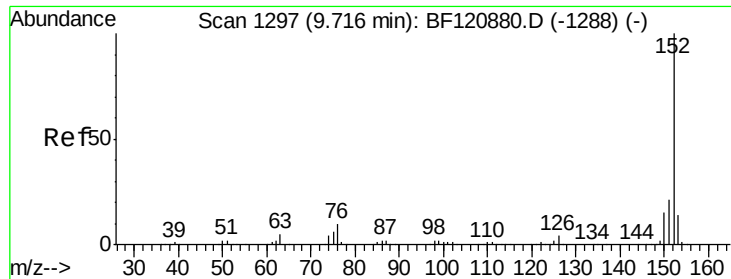
Acq: 16 Jul 2020 15:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 267701 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 69.9  | 57.0  | 85.4   |
| 138       | 114.8 | 90.4  | 135.6  |



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: 40.911 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

ClientSampleId :

PB130244BS

Tot Ion:152 Resp: 1332607

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0

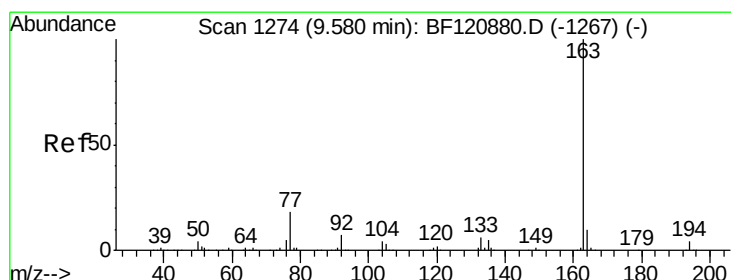
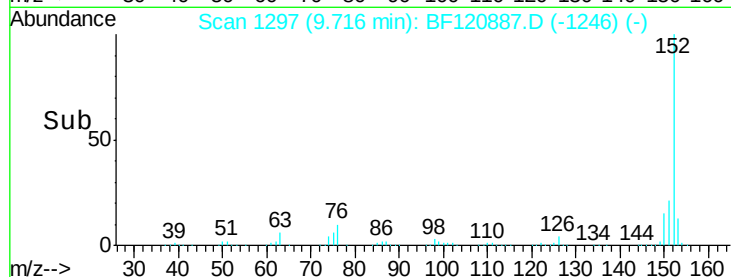
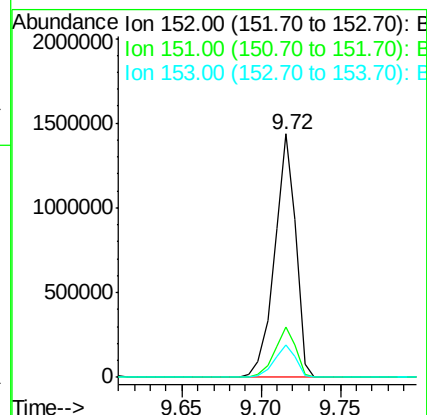
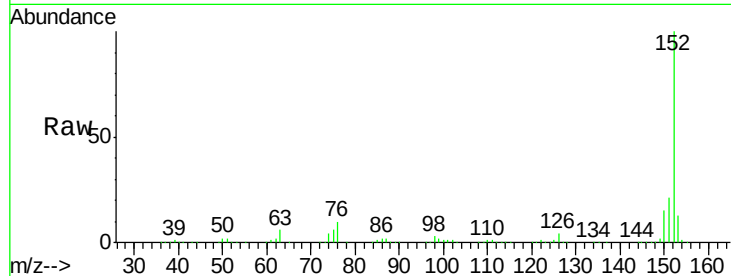
153 13.4 10.9 16.3

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#50

Dimethylphthalate

Concen: 41.236 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

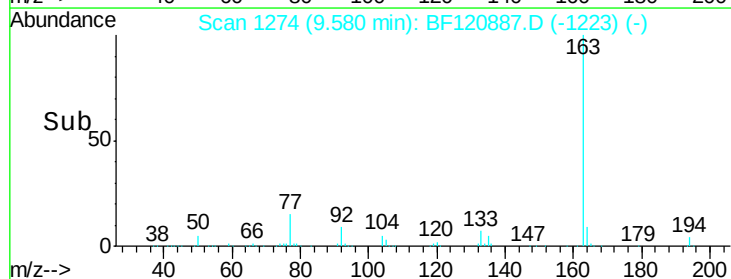
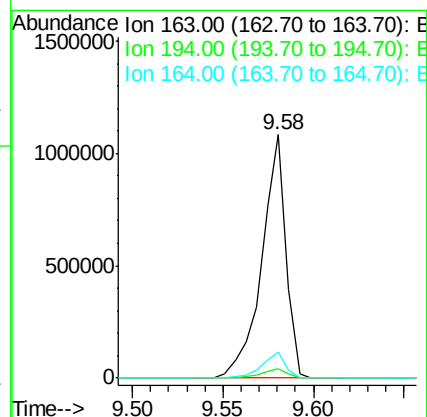
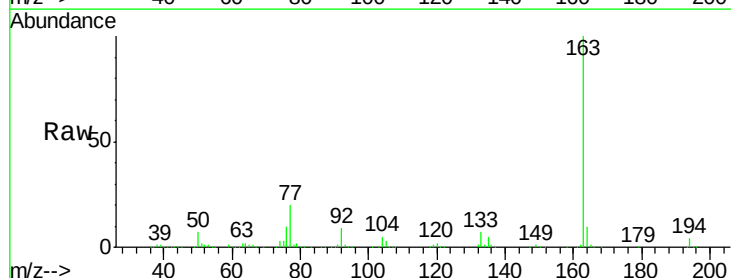
Tgt Ion:163 Resp: 1002965

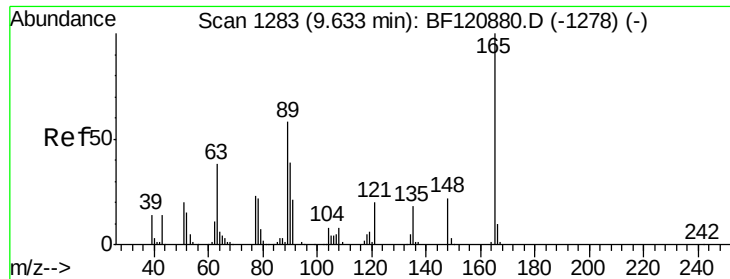
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.5 7.9 11.9





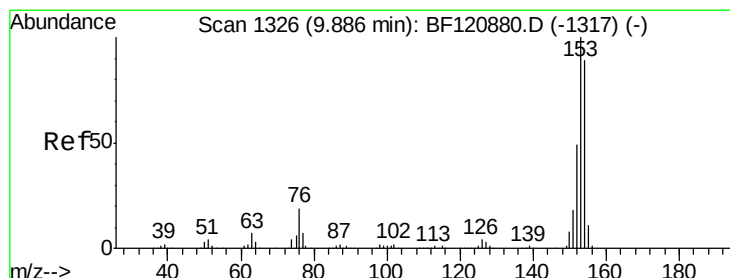
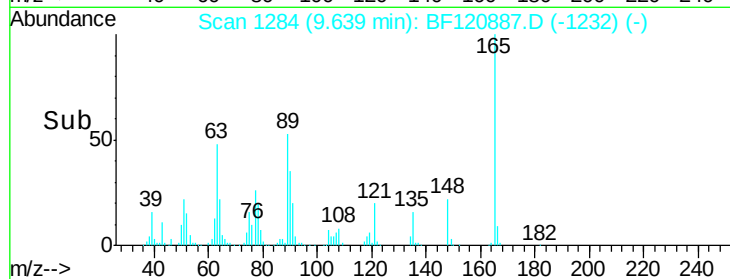
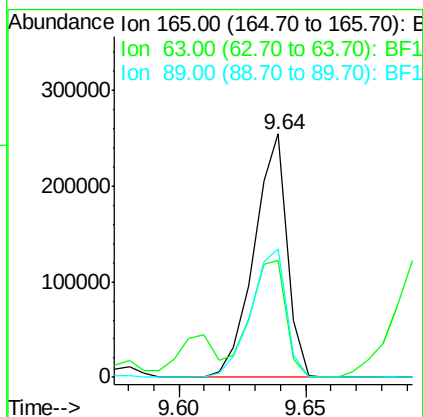
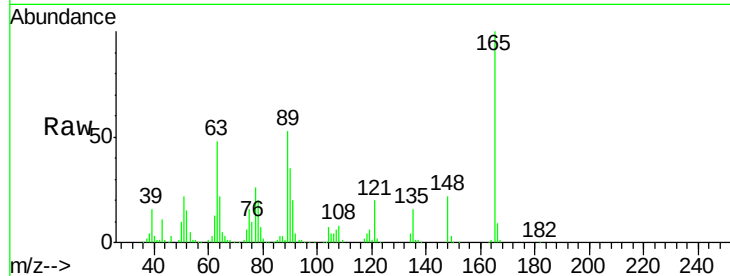
#51  
 2,6-Dinitrotoluene  
 Concen: 44.208 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. 0.01 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 231007 |       |       |
| 63      | 48.1  |        | 45.4  | 68.2  |
| 89      | 52.8  |        | 47.0  | 70.4  |

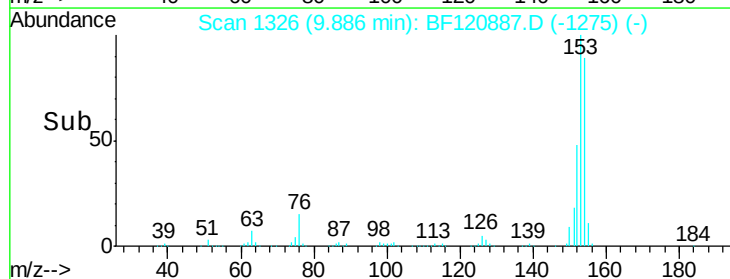
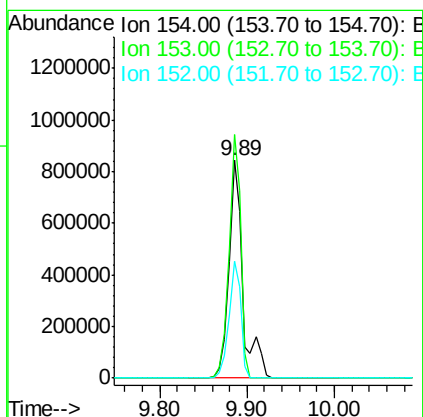
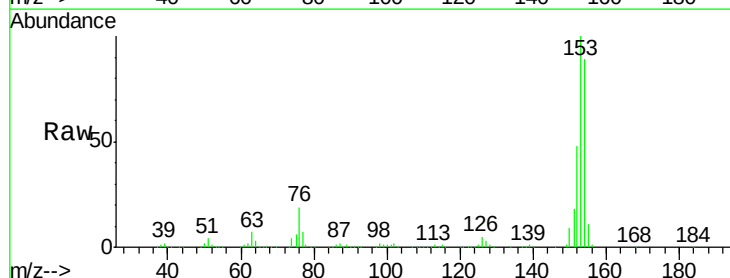
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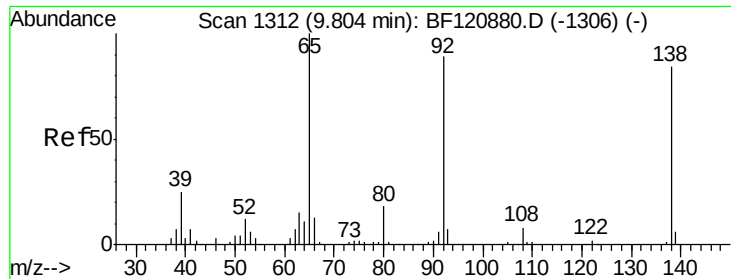
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#52  
 Acenaphthene  
 Concen: 44.936 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 930581 |       |       |
| 153     | 112.0 |        | 89.5  | 134.3 |
| 152     | 53.8  |        | 44.2  | 66.2  |





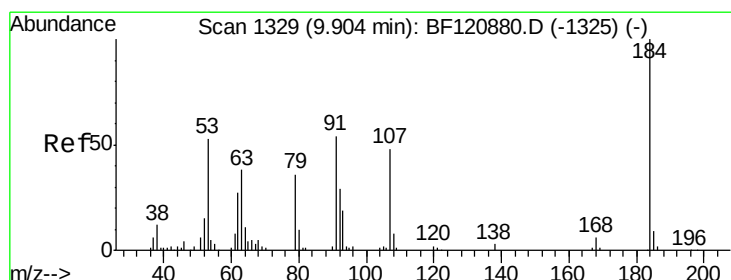
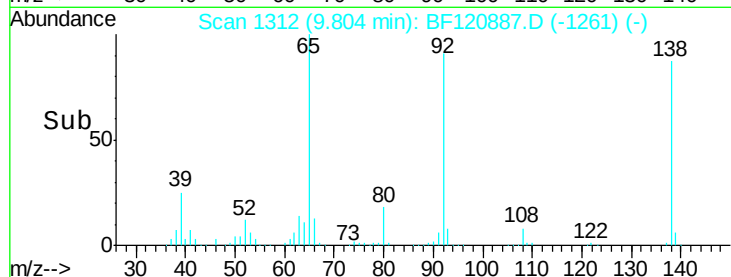
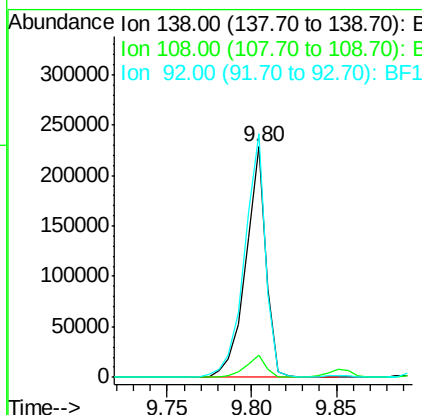
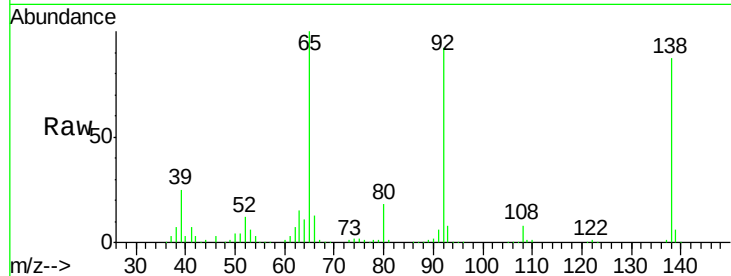
#53  
3-Nitroaniline  
Concen: 29.187 ng  
RT: 9.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.4   | 7.9   | 11.9  |
| 92      | 105.7 | 85.3  | 127.9 |

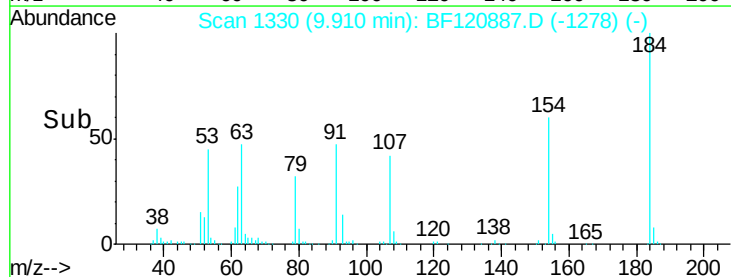
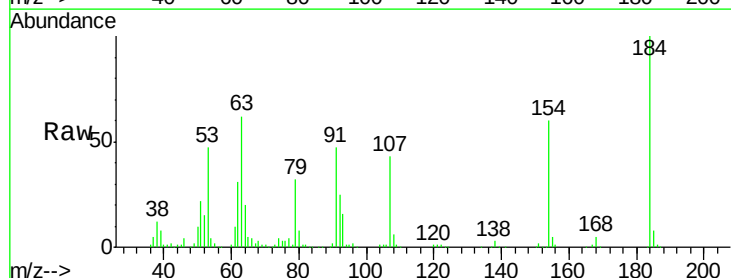
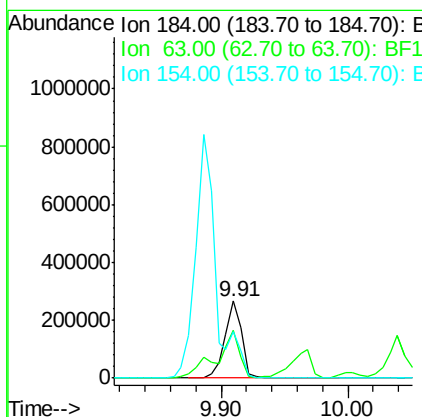
Manual Integrations  
APPROVED

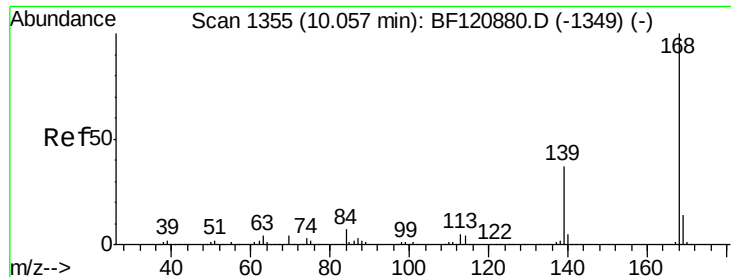
mohammad  
7/17/2020 12:30:11 PM



#54  
2,4-Dinitrophenol  
Concen: 81.576 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 62.3  | 57.9  | 86.9  |
| 154     | 60.4  | 52.6  | 78.8  |





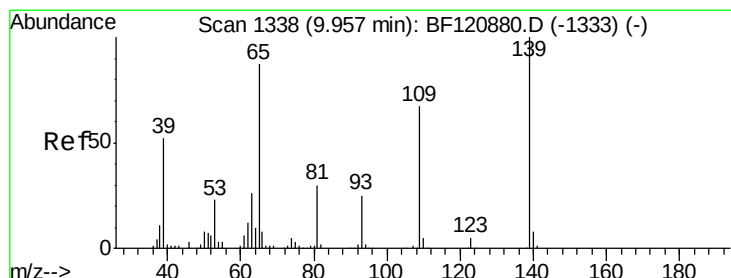
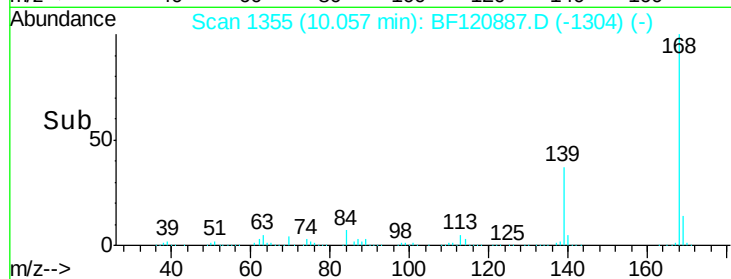
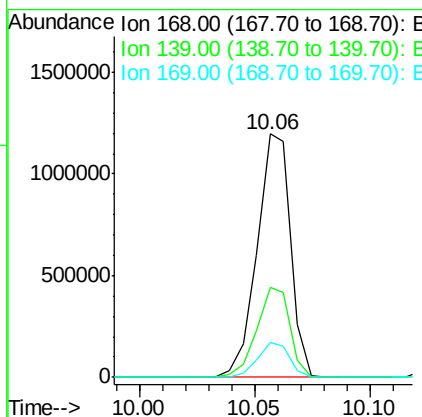
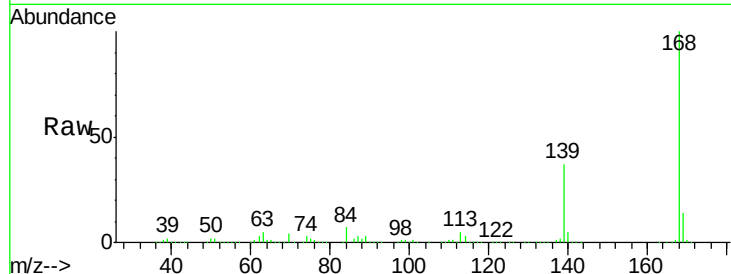
#55  
Dibenzenofuran  
Concen: 40.473 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.2  | 29.7  | 44.5  |
| 169     | 14.2  | 11.1  | 16.7  |

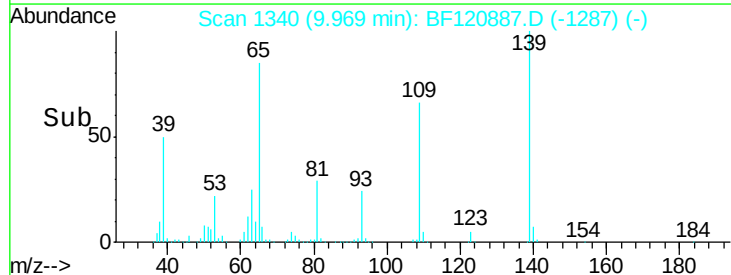
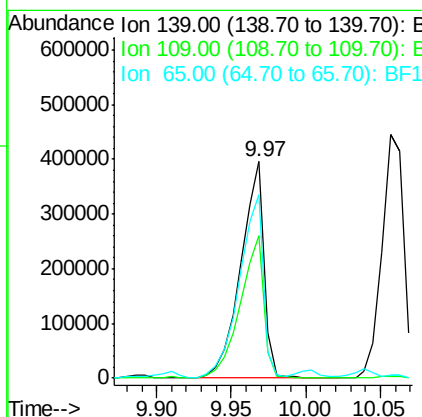
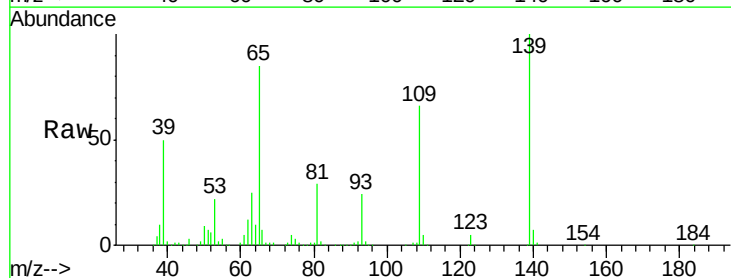
Manual Integrations  
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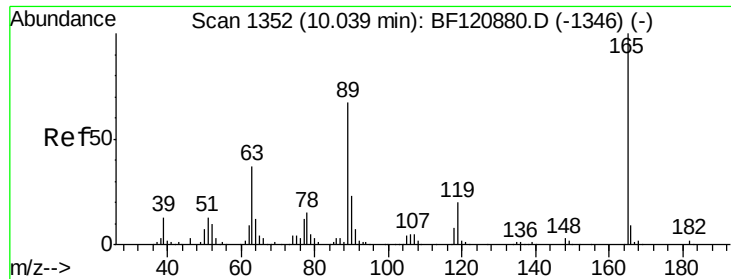


#56  
4-Nitrophenol  
Concen: 86.339 ng  
RT: 9.97 min Scan# 1340  
Delta R.T. 0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.7  | 47.3  | 87.3  |
| 65      | 84.5  | 67.2  | 107.2 |







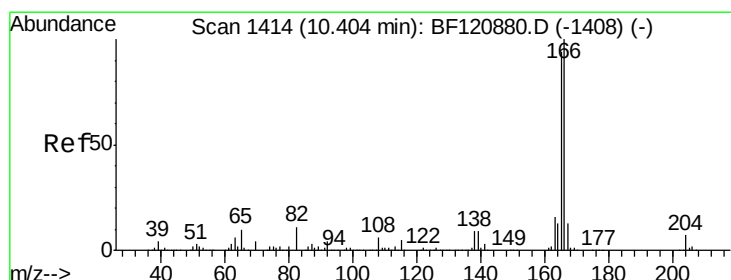
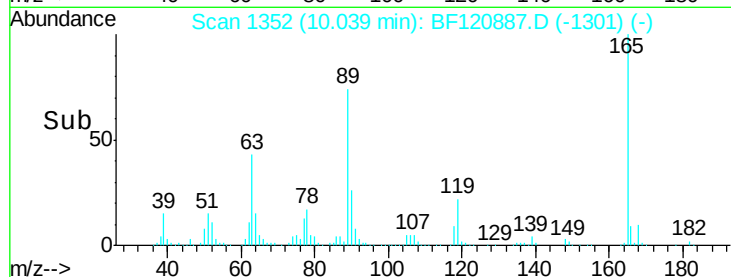
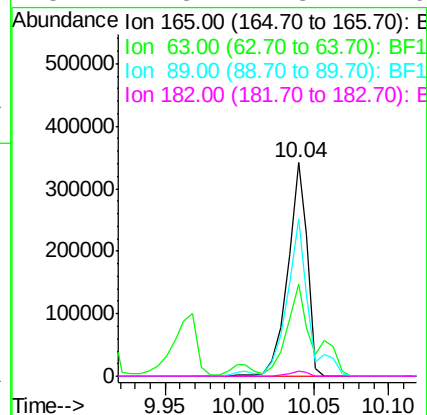
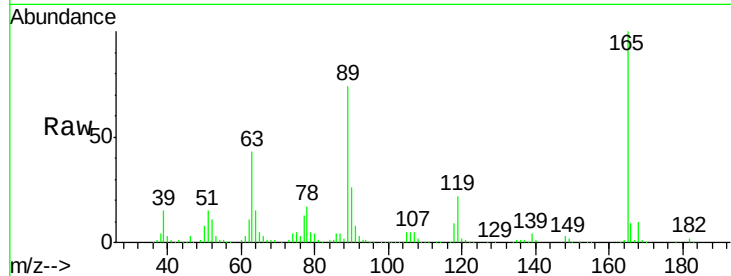
#57  
2,4-Dinitrotoluene  
Concen: 45.782 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 43.2  | 29.4       | 44.2  |
| 89      | 73.7  | 53.4       | 80.0  |
| 182     | 2.3   | 1.8        | 2.6   |

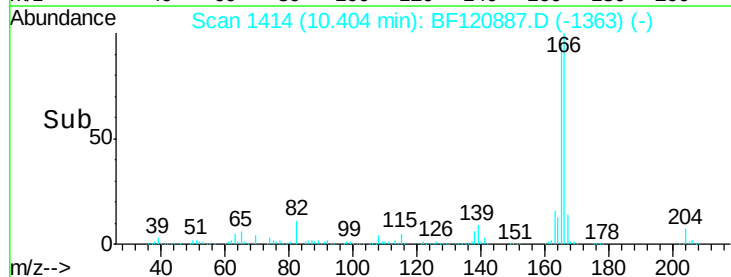
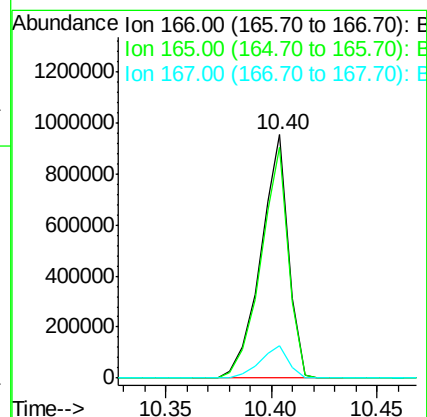
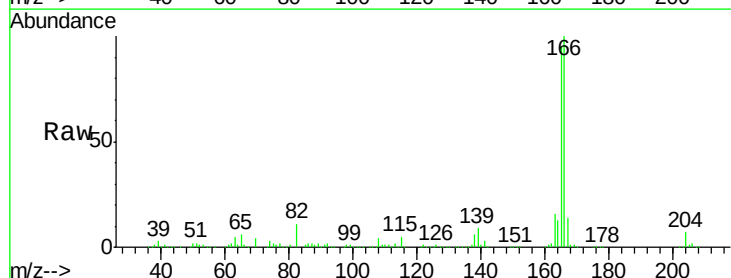
Manual Integrations  
APPROVED

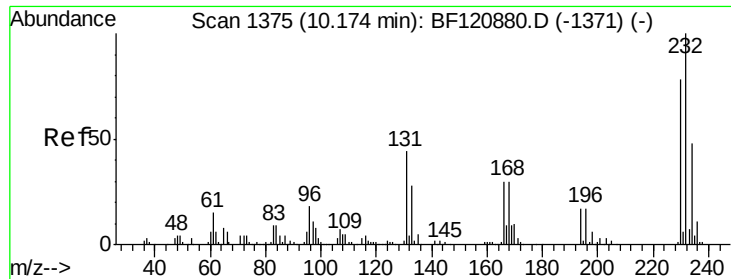
mohammad  
7/17/2020 12:30:11 PM



#58  
Fluorene  
Concen: 38.815 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 94.8  | 75.4       | 113.0 |
| 167     | 13.5  | 10.6       | 15.8  |





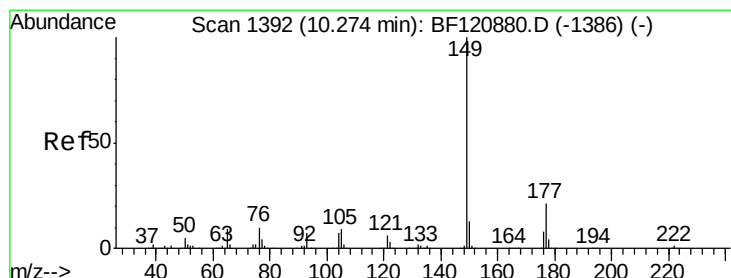
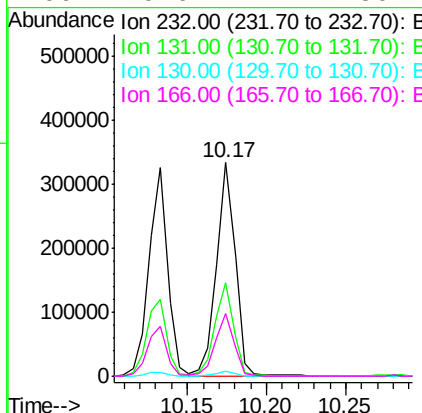
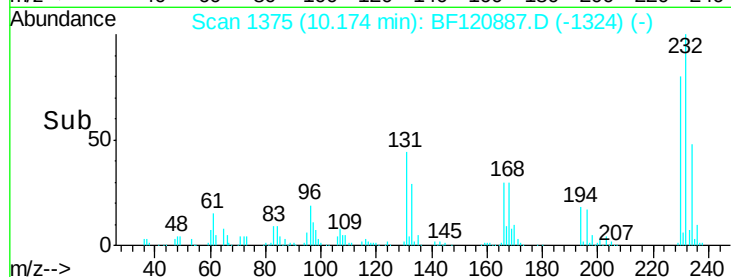
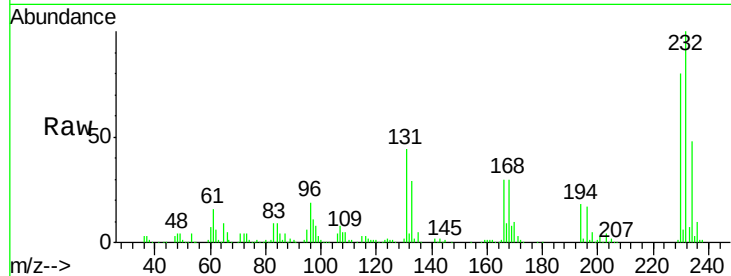
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.867 ng  
RT: 10.17 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.5  | 37.1  | 55.7  |
| 130     | 2.3   | 1.7   | 2.5   |
| 166     | 29.6  | 24.2  | 36.4  |

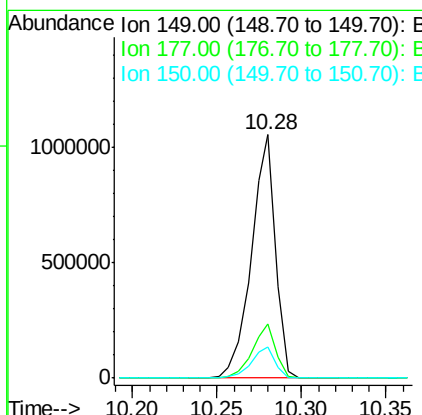
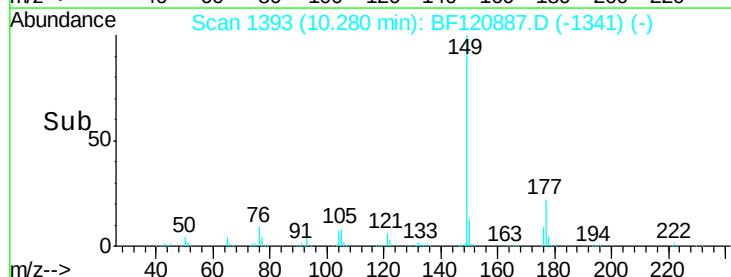
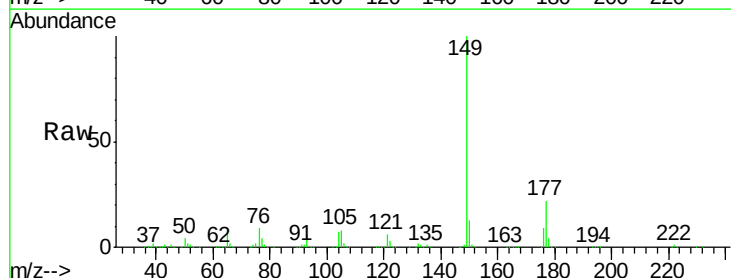
Manual Integrations  
APPROVED

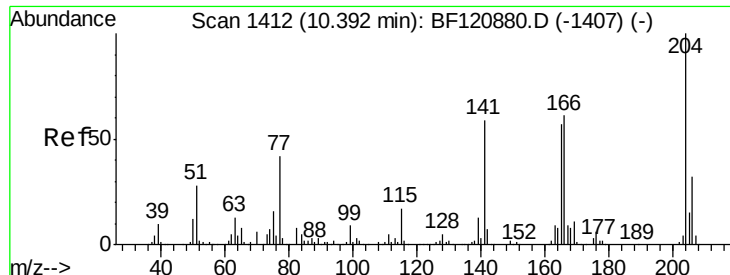
mohammad  
7/17/2020 12:30:11 PM



#60  
Diethylphthalate  
Concen: 42.524 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. 0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.0  | 17.1  | 25.7  |
| 150     | 12.7  | 10.3  | 15.5  |





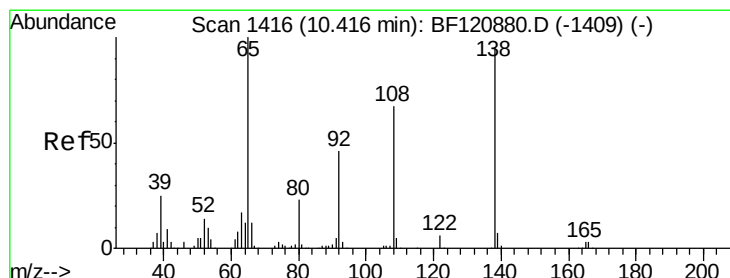
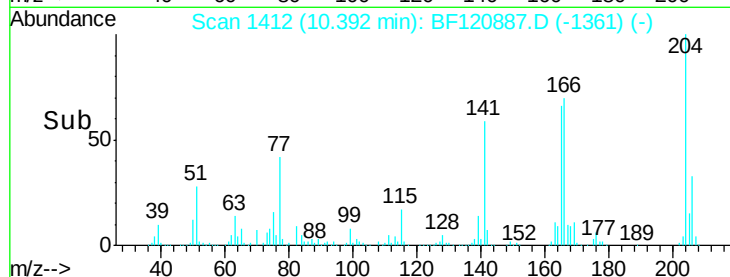
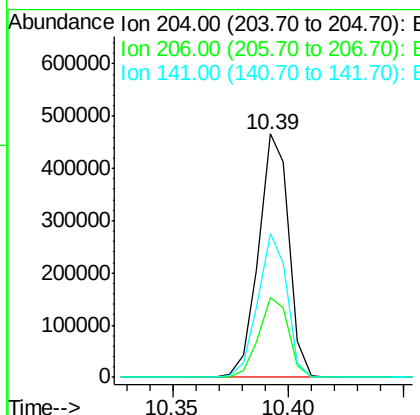
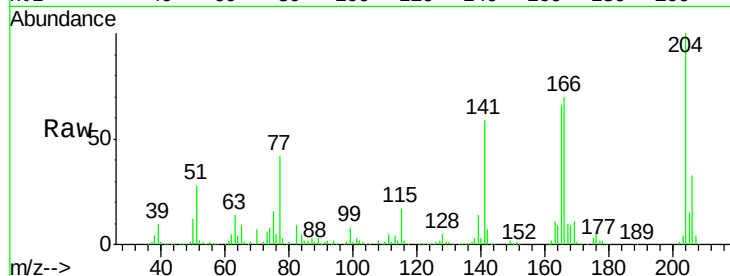
#61  
4-Chlorophenyl-phenylether  
Concen: 35.641 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 25.9  | 38.9  |
| 141     | 58.8  | 47.2  | 70.8  |

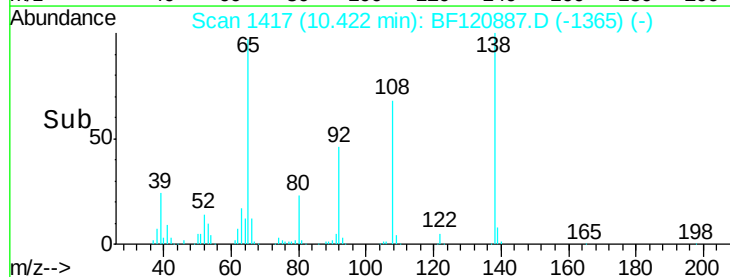
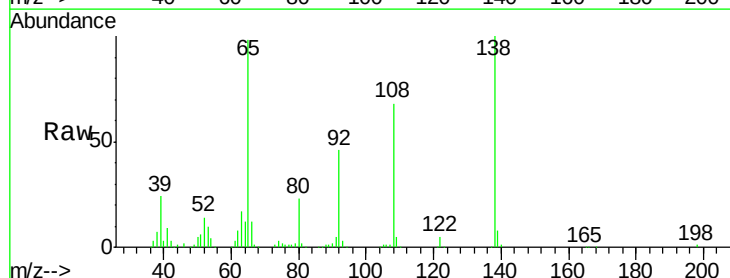
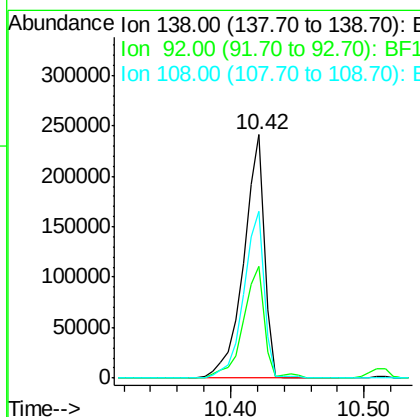
Manual Integrations  
APPROVED

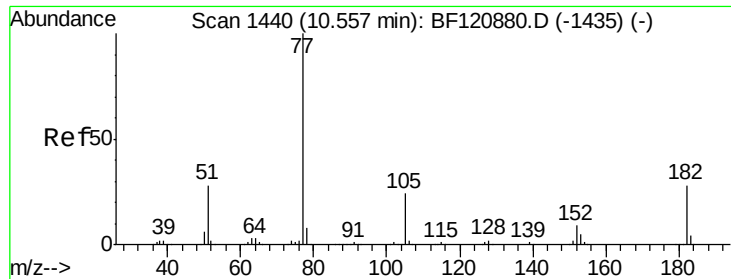
mohammad  
7/17/2020 12:30:11 PM



#62  
4-Nitroaniline  
Concen: 40.283 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. 0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.7  | 28.6  | 68.6  |
| 108     | 68.4  | 51.1  | 91.1  |





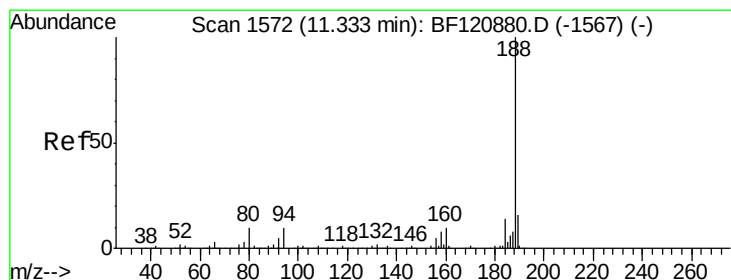
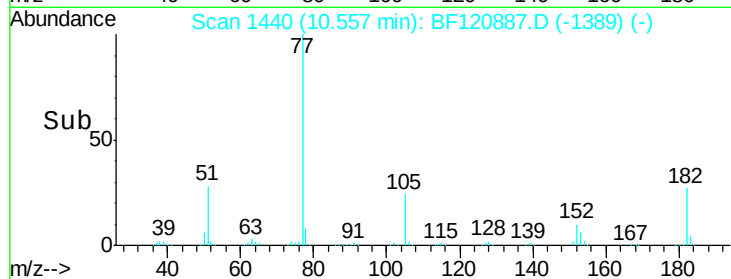
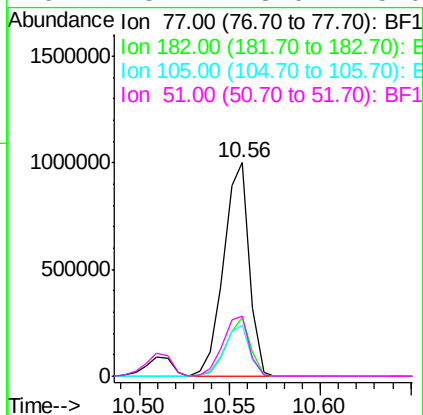
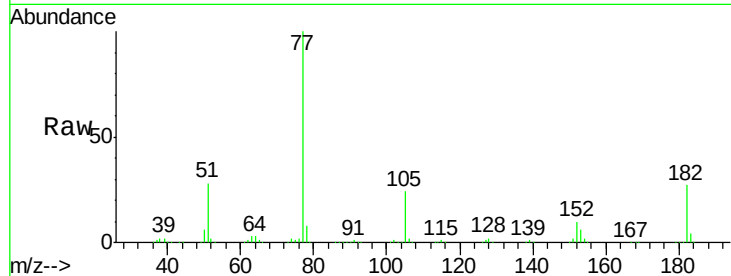
#63  
Azobenzene  
Concen: 41.952 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 27.4 | 7.8   | 47.8 |       |       |
| 105     | 23.9 | 4.4   | 44.4 |       |       |
| 51      | 28.4 | 8.0   | 48.0 |       |       |

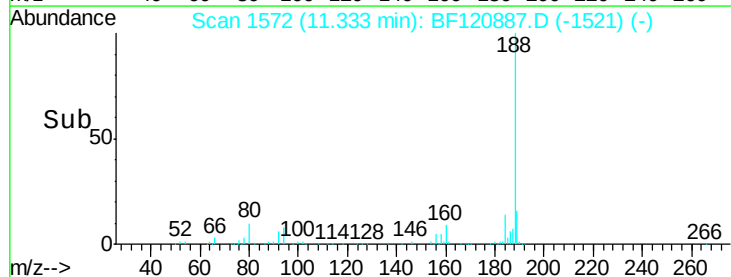
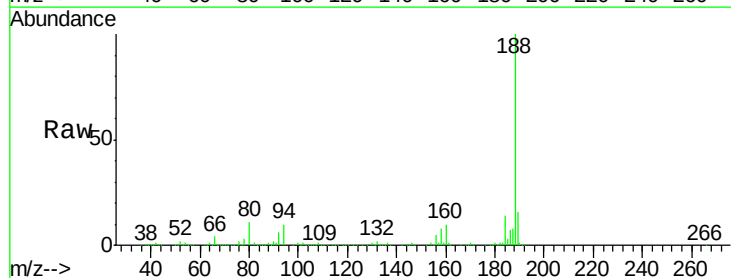
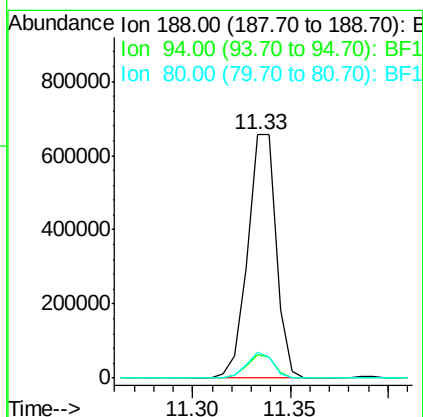
Manual Integrations  
APPROVED

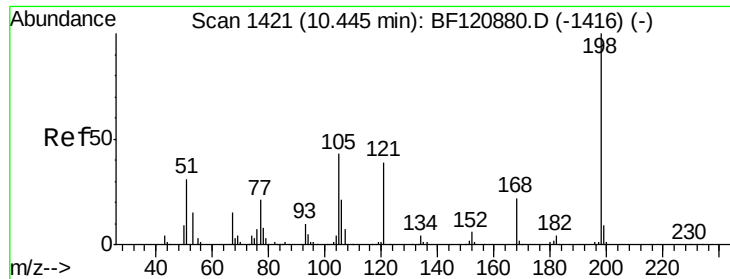
mohammad  
7/17/2020 12:30:11 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 188     | 100  |       |      |       |       |
| 94      | 9.9  | 8.0   | 12.0 |       |       |
| 80      | 10.5 | 8.3   | 12.5 |       |       |





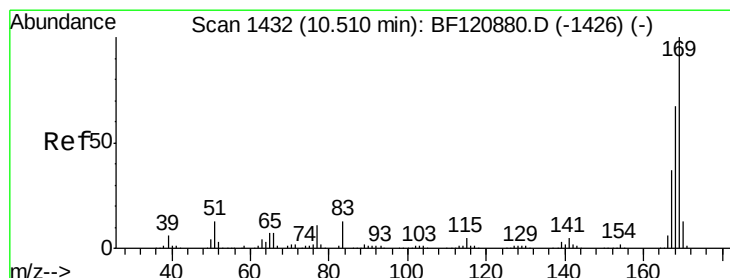
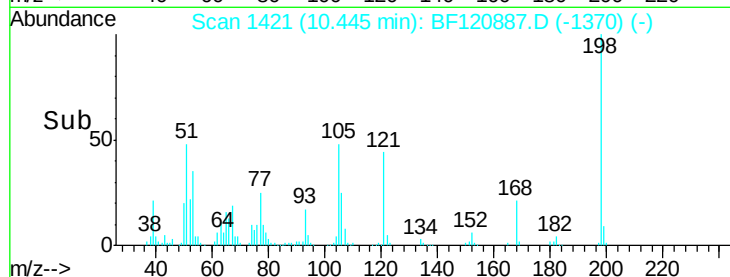
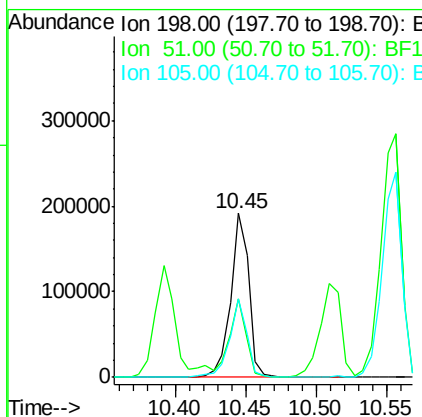
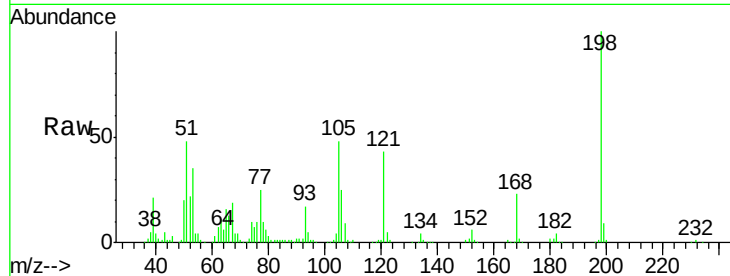
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.663 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 47.7  | 19.5  | 59.5  |
| 105     | 48.0  | 24.4  | 64.4  |

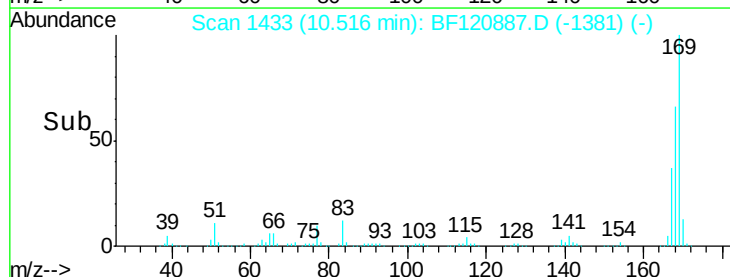
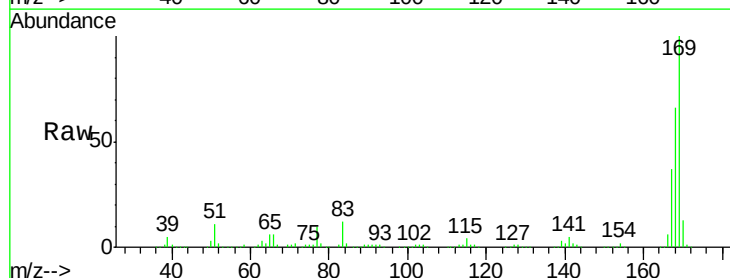
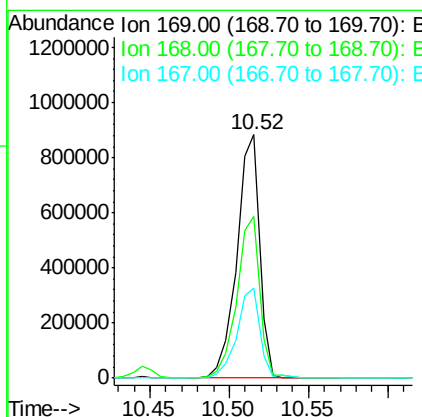
Manual Integrations  
APPROVED

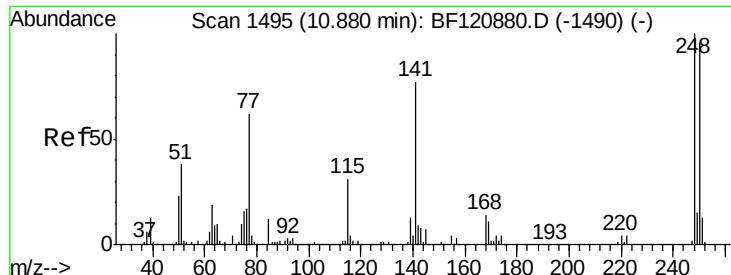
mohammad  
7/17/2020 12:30:11 PM



#66  
n-Nitrosodiphenylamine  
Concen: 41.807 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. 0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.3  | 53.4  | 80.0  |
| 167     | 36.7  | 29.4  | 44.0  |





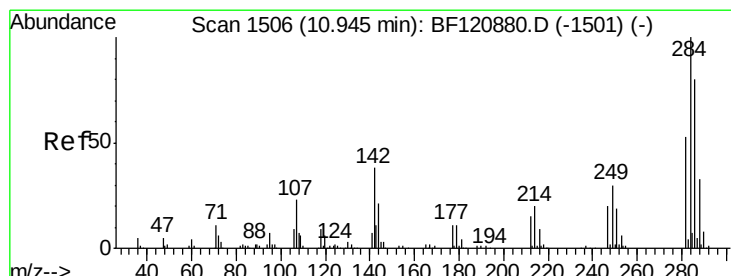
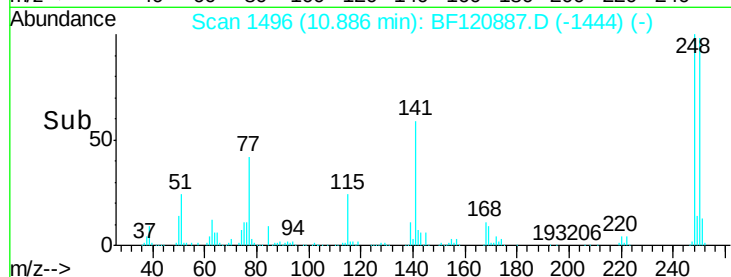
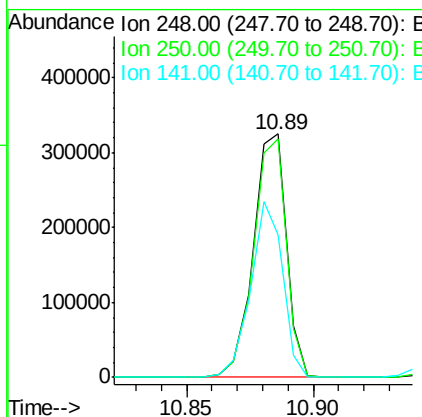
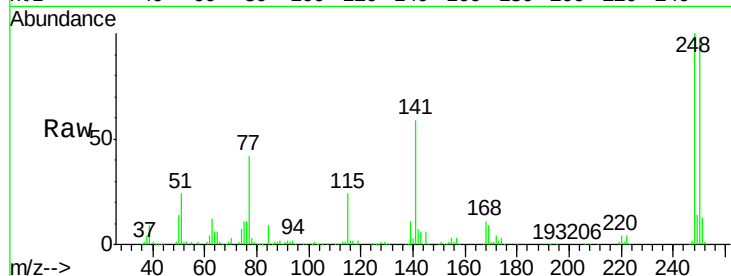
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.078 ng  
 RT: 10.89 min Scan# 1496  
 Delta R.T. 0.01 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.9  | 77.1  | 115.7 |
| 141     | 58.8  | 61.2  | 91.8# |

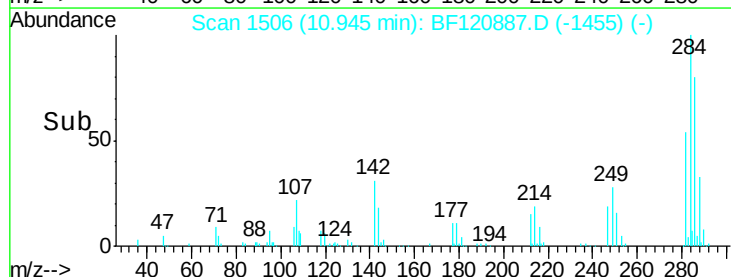
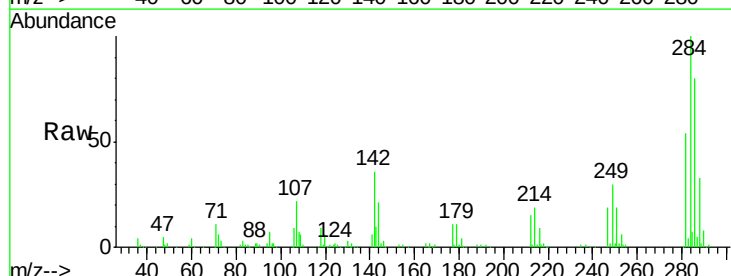
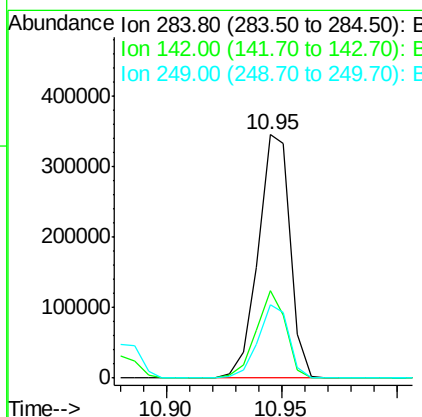
Manual Integrations  
 APPROVED

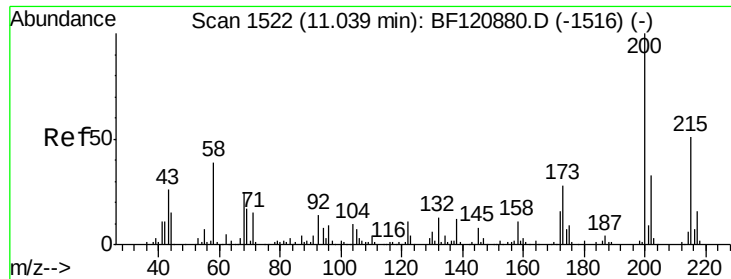
mohammad  
 7/17/2020 12:30:11 PM



#68  
 Hexachlorobenzene  
 Concen: 41.434 ng  
 RT: 10.95 min Scan# 1506  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.0  | 30.2  | 45.2  |
| 249     | 30.3  | 24.2  | 36.2  |





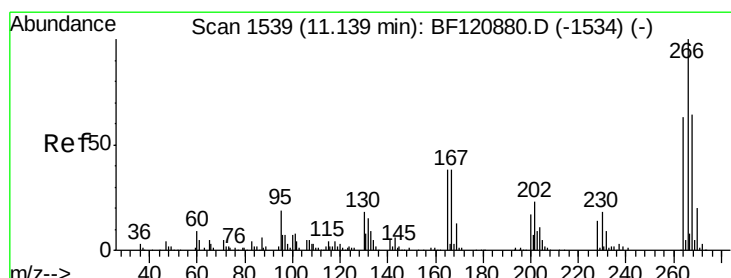
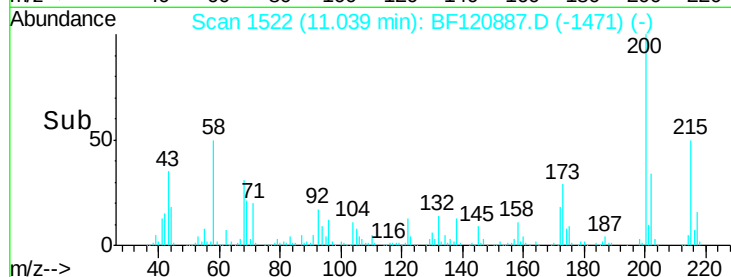
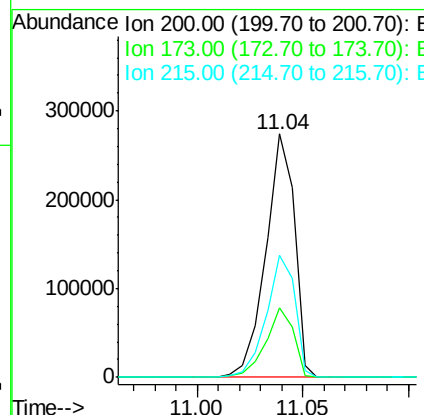
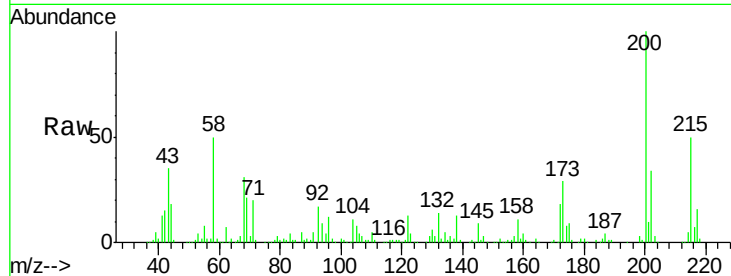
#69  
 Atrazine  
 Concen: 50.018 ng  
 RT: 11.04 min Scan# 1522  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 28.8  | 8.0        | 48.0       |
| 215     | 50.3  | 31.5       | 71.5       |

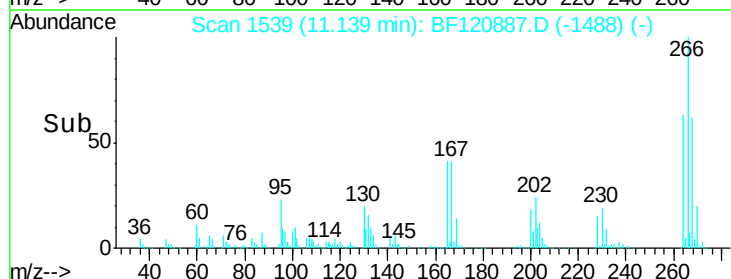
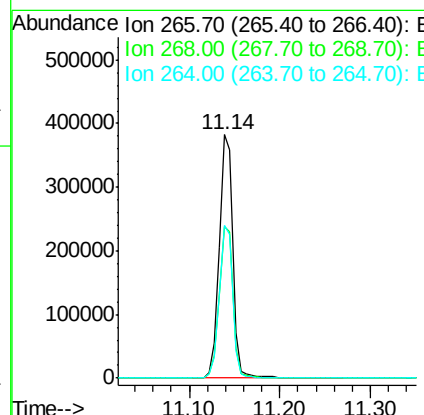
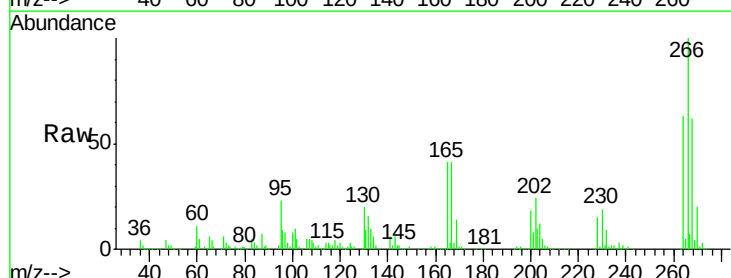
Manual Integrations  
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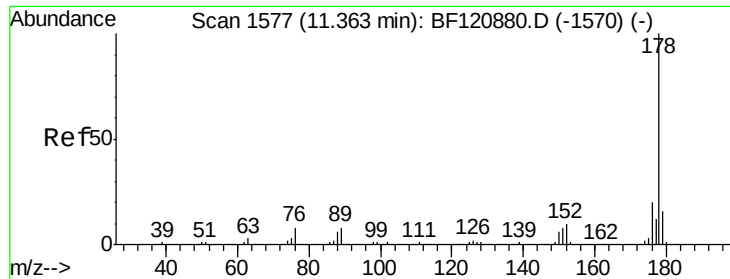
mohammad  
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#70  
 Pentachlorophenol  
 Concen: 86.153 ng  
 RT: 11.14 min Scan# 1539  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 62.3  | 51.1       | 76.7       |
| 264     | 62.7  | 50.2       | 75.2       |





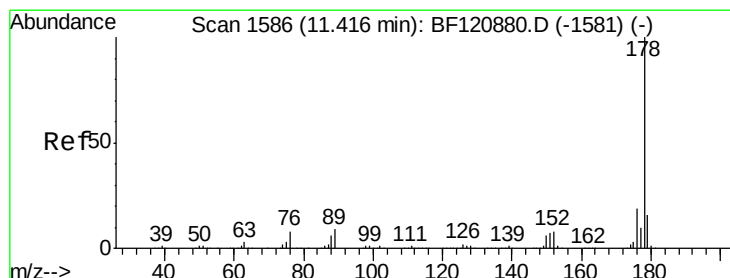
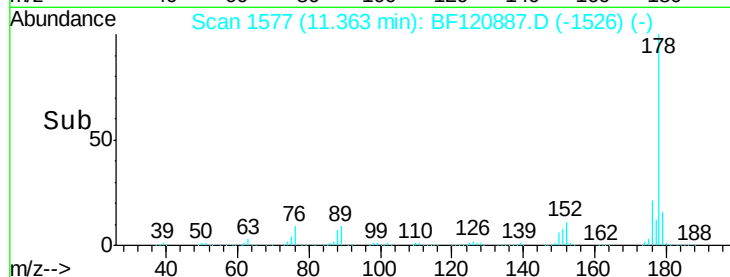
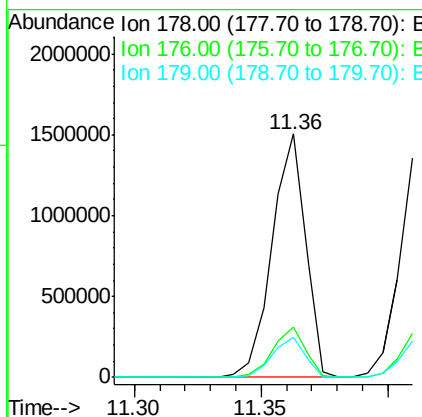
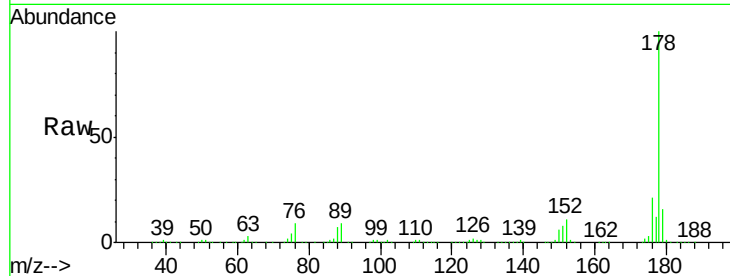
#71  
Phenanthrene  
Concen: 40.252 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

Tot Ion:178 Resp: 1377656  
Ion Ratio Lower Upper  
178 100  
176 20.9 16.2 24.4  
179 16.3 12.8 19.2

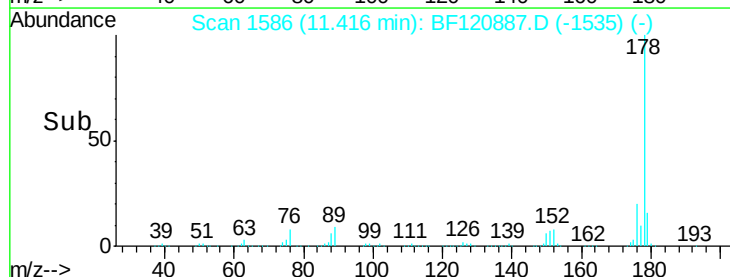
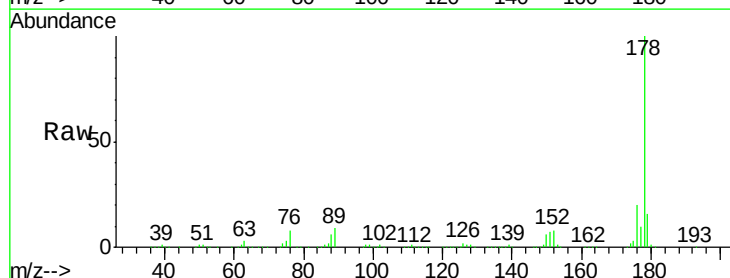
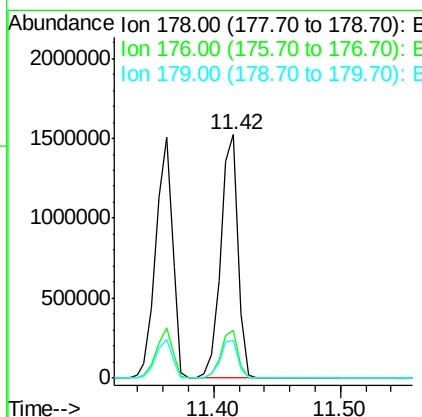
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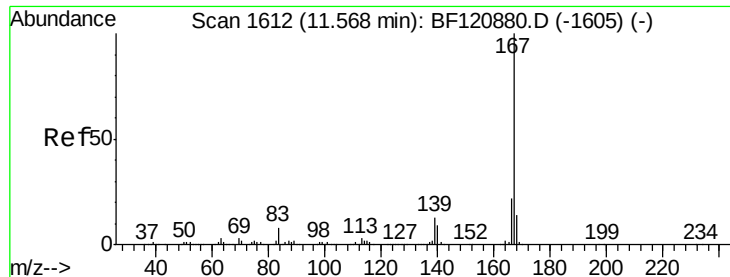


#72  
Anthracene  
Concen: 42.012 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Tgt Ion:178 Resp: 1443857  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.5 23.3  
179 15.6 12.8 19.2







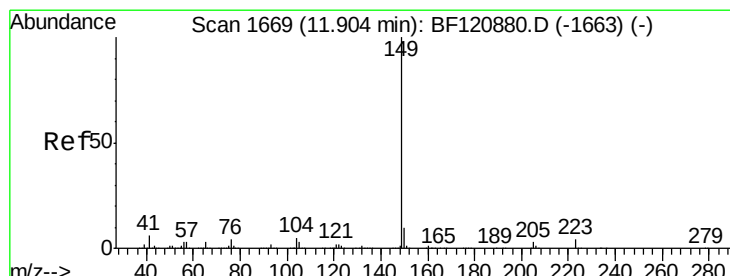
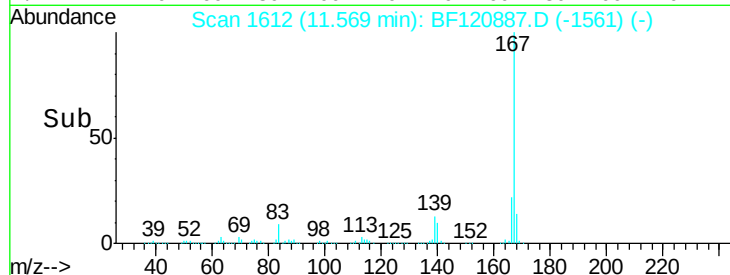
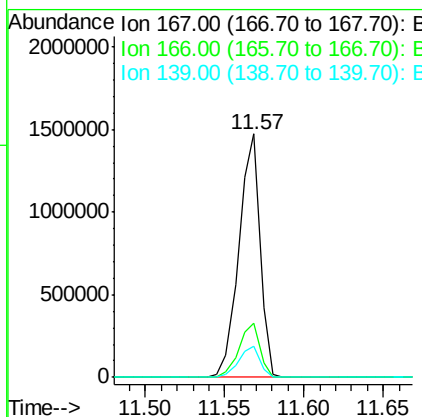
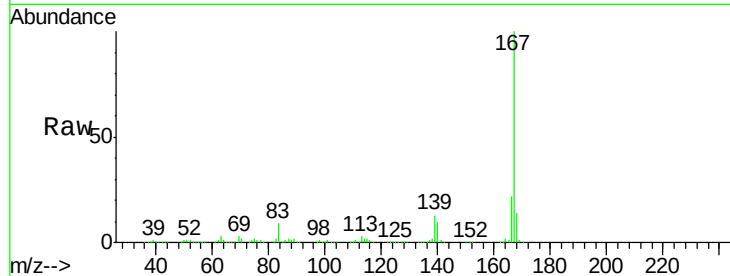
#73  
 Carbazole  
 Concen: 39.879 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 22.3 | 17.7  | 26.5  |       |
| 139     | 12.8 | 10.1  | 15.1  |       |

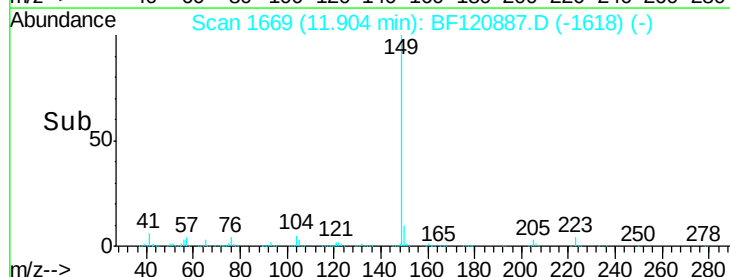
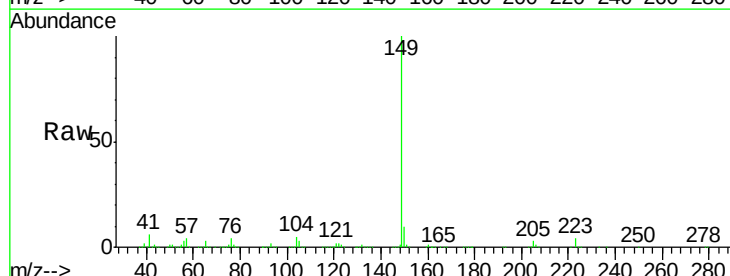
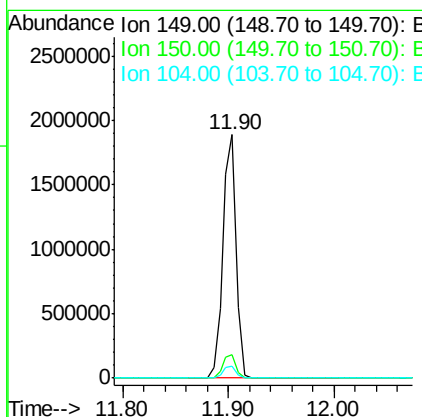
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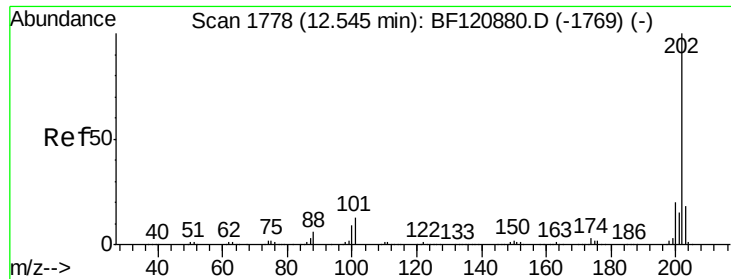
mohammad  
 7/17/2020 12:30:11 PM



#74  
 Di-n-butylphthalate  
 Concen: 41.891 ng  
 RT: 11.90 min Scan# 1669  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 149     | 100 |       |       |       |
| 150     | 9.8 | 7.8   | 11.6  |       |
| 104     | 4.7 | 3.8   | 5.6   |       |





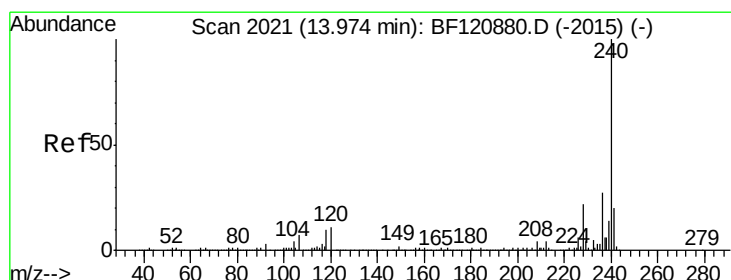
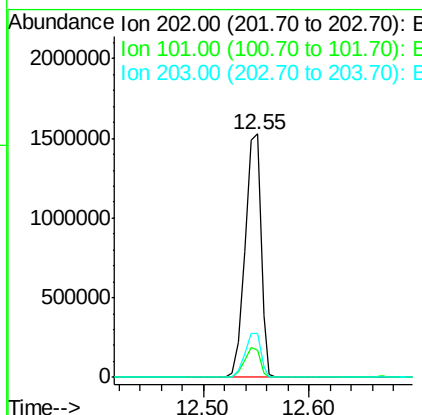
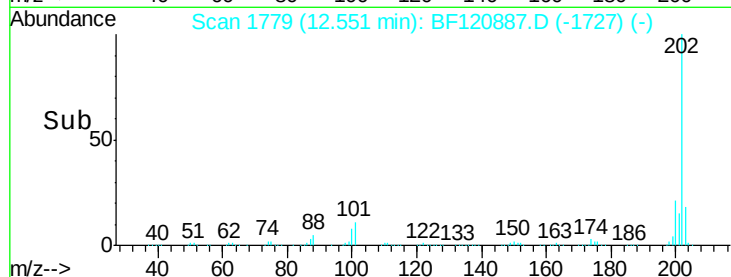
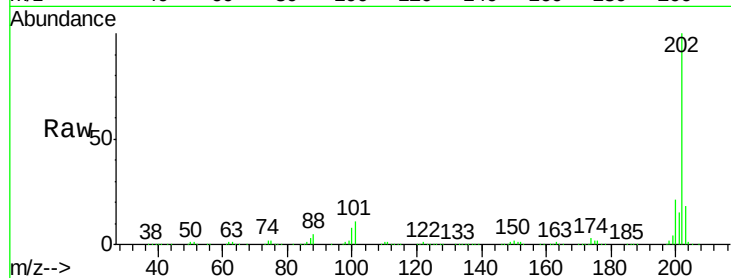
#75  
Fluoranthene  
Concen: 41.728 ng  
RT: 12.55 min Scan# 1779  
Delta R.T. 0.01 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.0  | 0.0   | 32.7  |
| 203     | 18.3  | 0.0   | 38.0  |

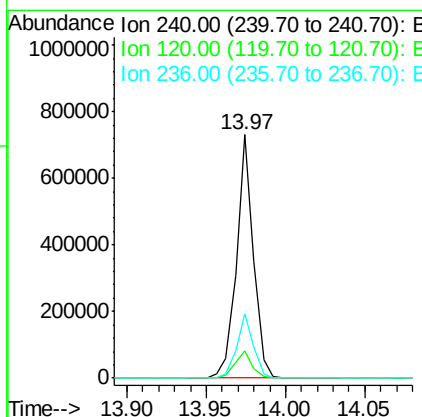
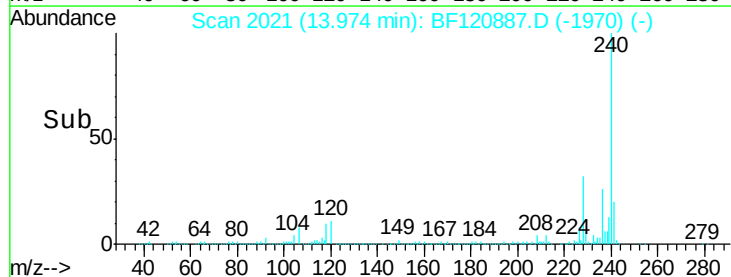
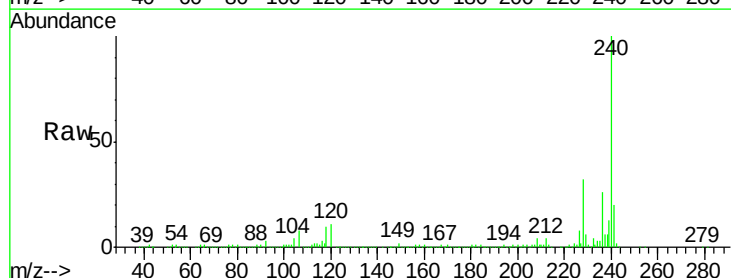
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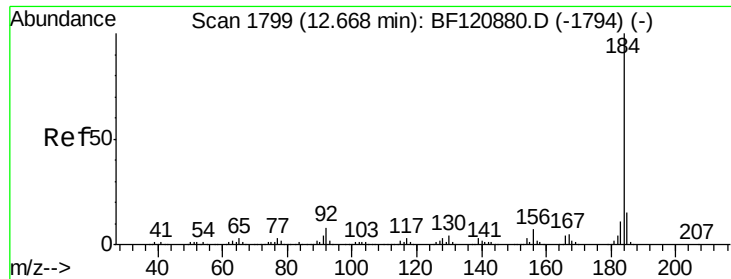
mohammad  
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#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2021  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.2  | 9.0   | 13.4  |
| 236     | 26.4  | 21.7  | 32.5  |





#77

Benzidine

Concen: 56.280 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

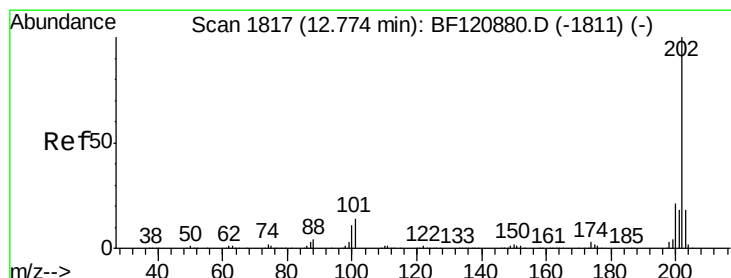
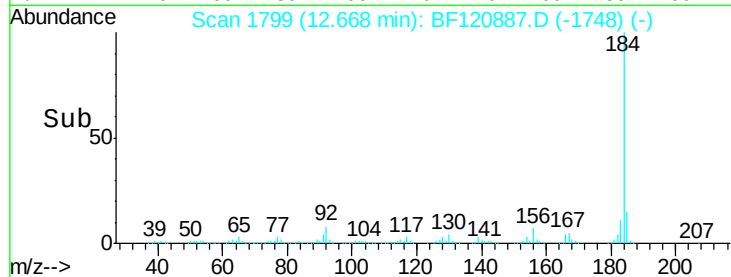
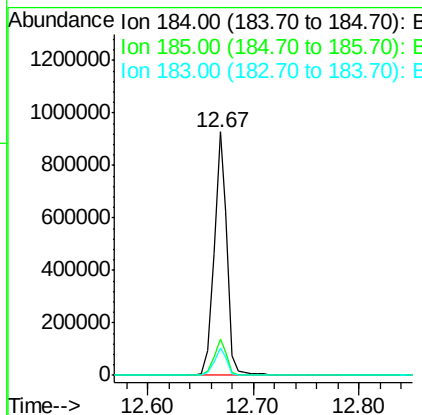
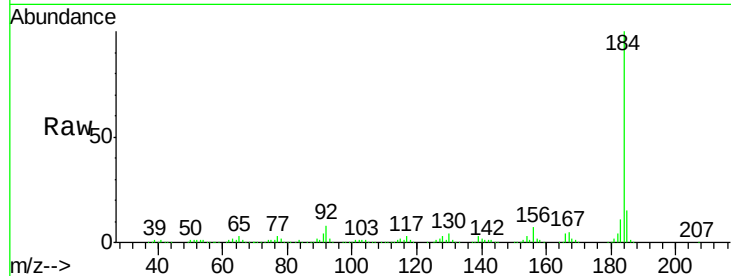
ClientSampleId :

PB130244BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 798051 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.9  | 12.2  | 18.2   |
| 183       | 11.0  | 8.5   | 12.7   |

Manual Integrations  
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#78

Pyrene

Concen: 42.155 ng

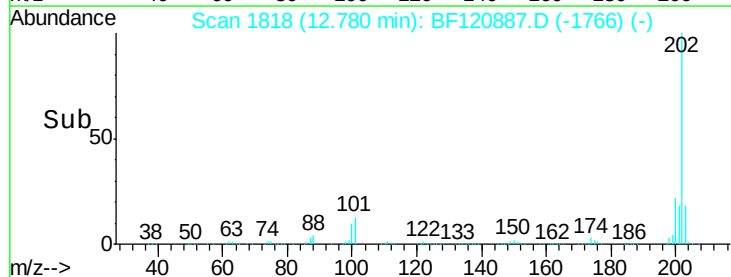
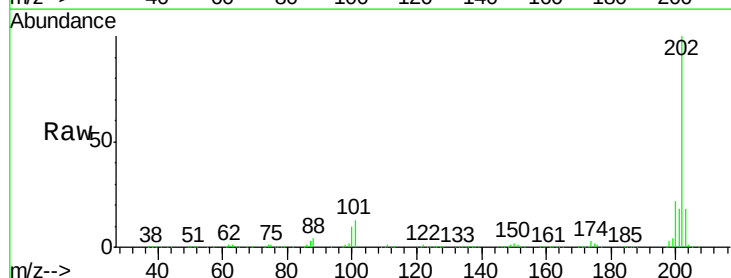
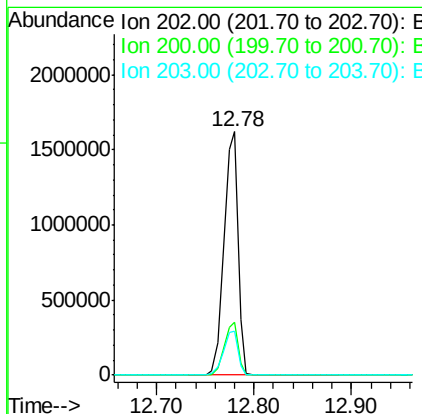
RT: 12.78 min Scan# 1818

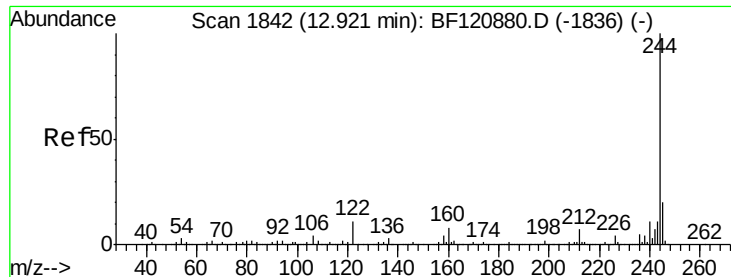
Delta R.T. 0.01 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1607392 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.6  | 17.0  | 25.4    |
| 203       | 18.0  | 14.4  | 21.6    |





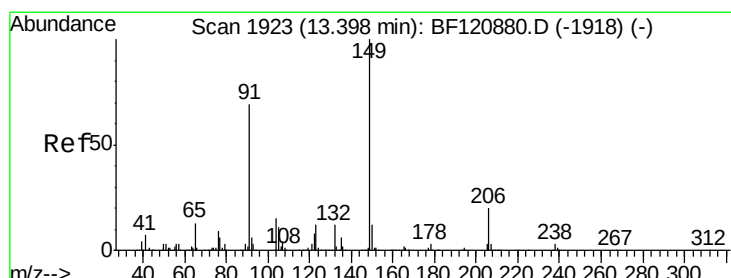
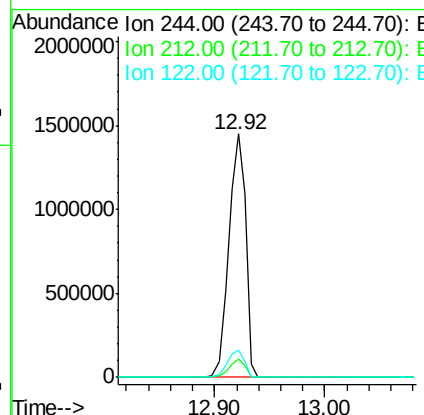
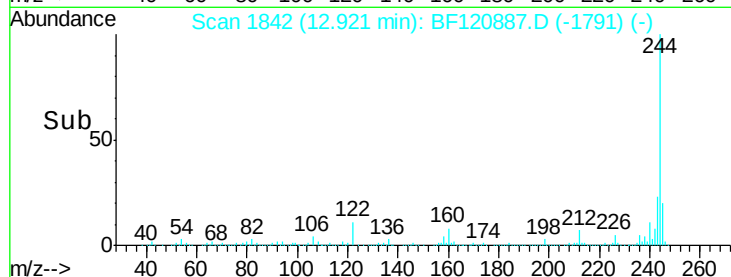
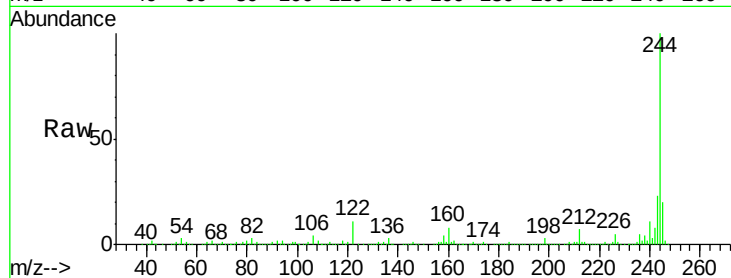
#79  
 Terphenyl-d14  
 Concen: 62.282 ng  
 RT: 12.92 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.6   | 8.4   |
| 122     | 11.0  | 8.9   | 13.3  |

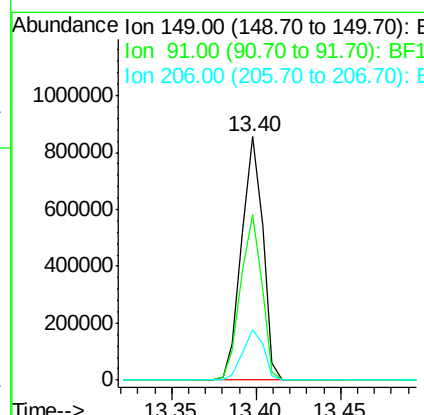
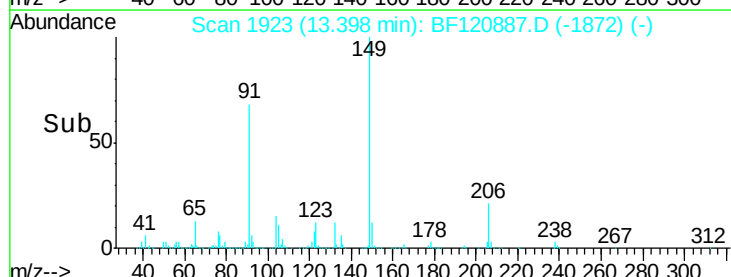
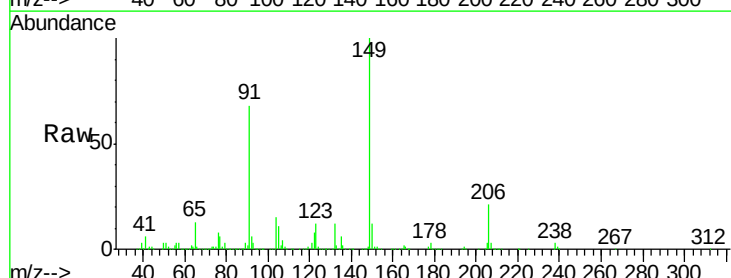
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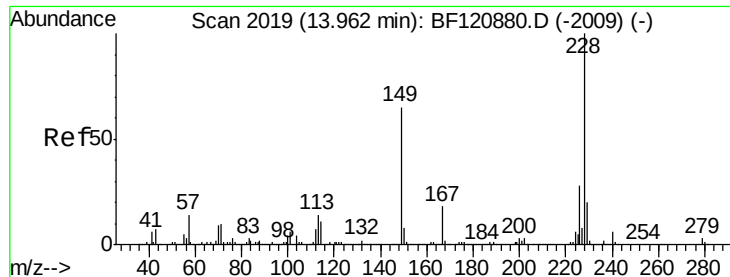
mohammad  
 7/17/2020 12:30:11 PM



#80  
 Butylbenzylphthalate  
 Concen: 44.070 ng  
 RT: 13.40 min Scan# 1923  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.1  | 55.1  | 82.7  |
| 206     | 20.9  | 16.1  | 24.1  |





#81

Benzo(a)anthracene

Concen: 38.990 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

Instrument :

BNA\_F

ClientSampleId :

PB130244BS

Tot Ion:228 Resp: 1273380

Ion Ratio Lower Upper

228 100

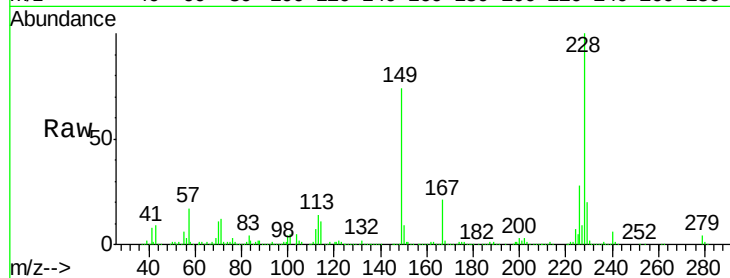
226 28.0 22.3 33.5

229 20.3 16.1 24.1

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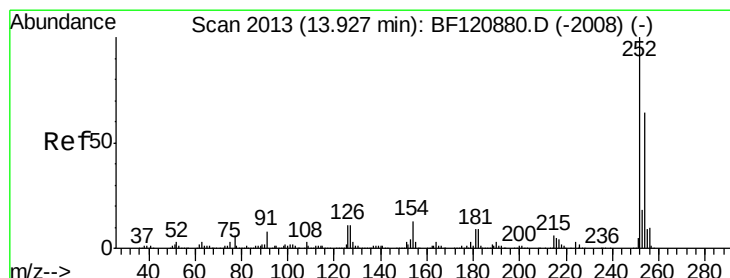
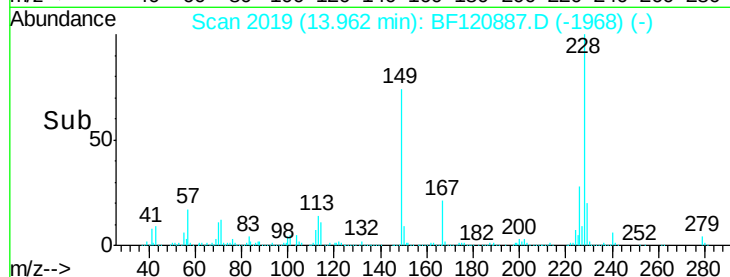
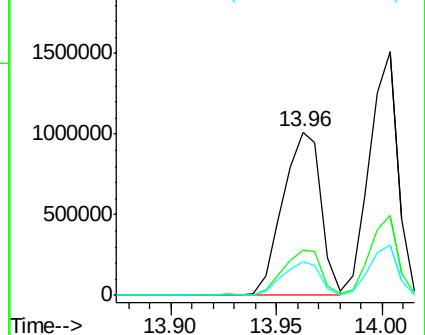
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.070 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120887.D

Acq: 16 Jul 2020 15:59

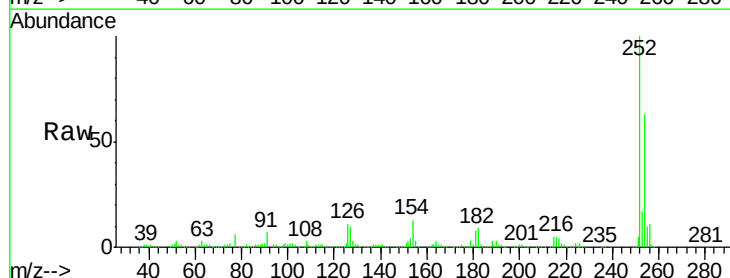
Tgt Ion:252 Resp: 419788

Ion Ratio Lower Upper

252 100

254 62.7 51.2 76.8

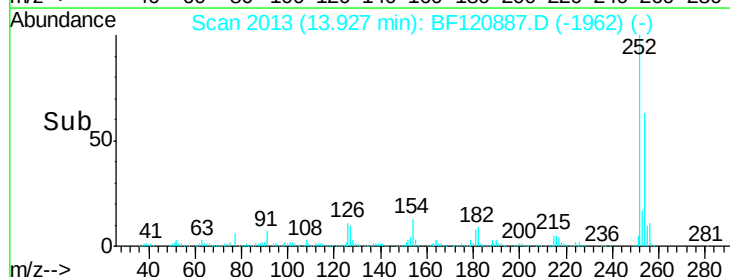
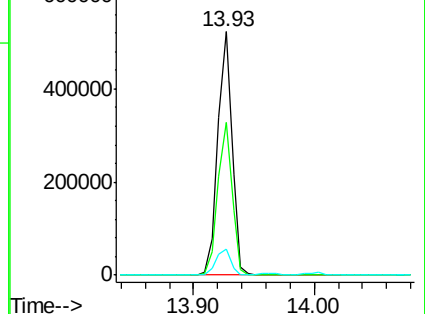
126 10.9 8.7 13.1

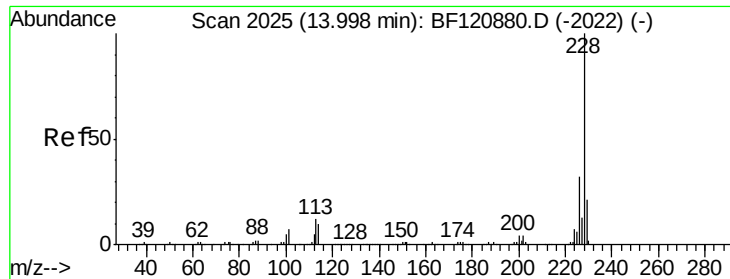


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





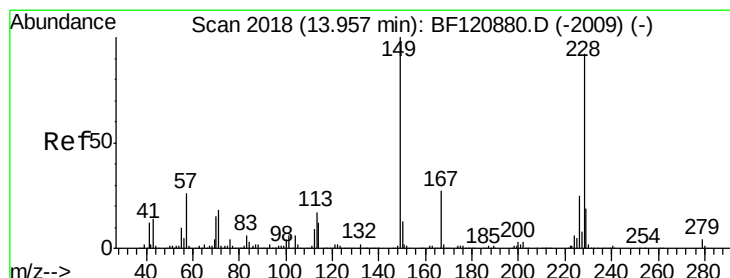
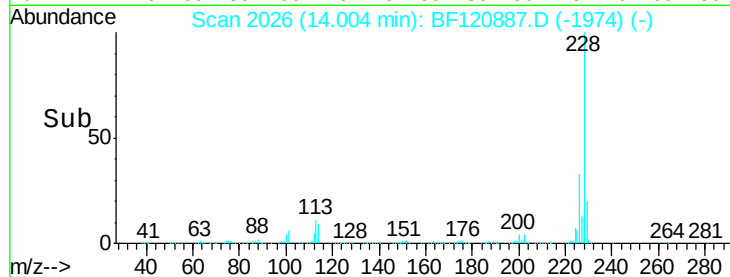
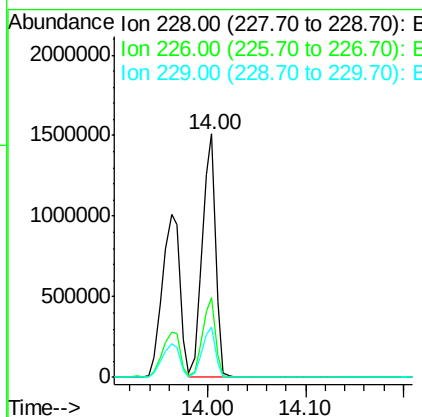
#83  
 Chrysene  
 Concen: 41.339 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. 0.01 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB130244BS

Tot Ion: 228 Resp: 1418826  
 Ion Ratio Lower Upper  
 228 100  
 226 32.5 25.6 38.4  
 229 20.4 16.8 25.2

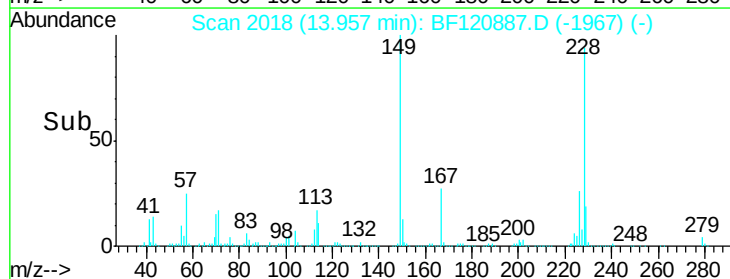
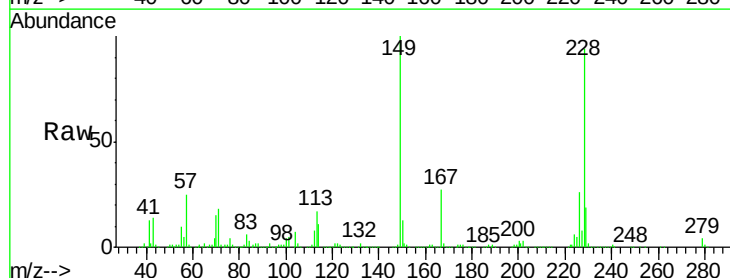
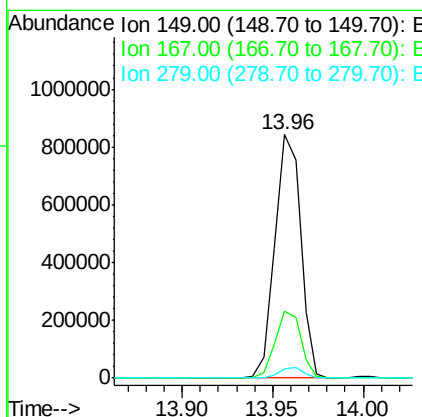
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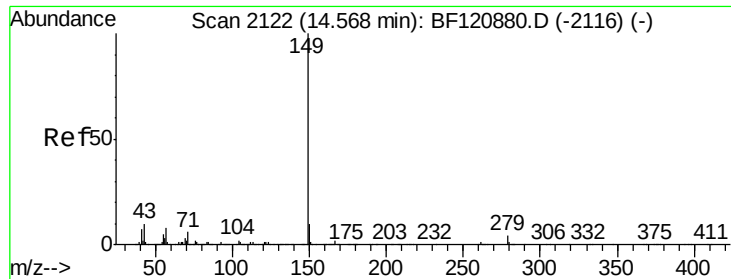
mohammad  
 7/17/2020 12:30:11 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.915 ng  
 RT: 13.96 min Scan# 2018  
 Delta R.T. 0.00 min  
 Lab File: BF120887.D  
 Acq: 16 Jul 2020 15:59

Tgt Ion: 149 Resp: 836650  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 21.9 32.9  
 279 4.0 3.0 4.4





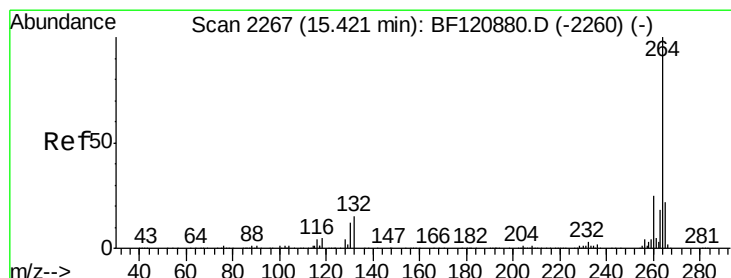
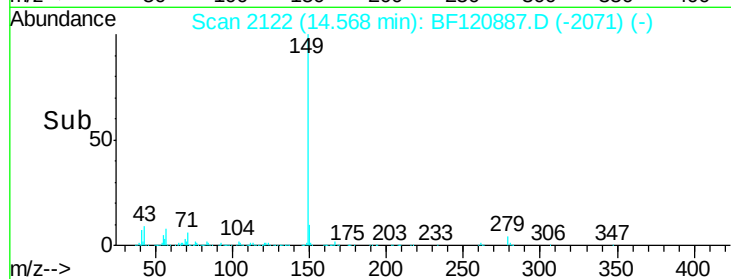
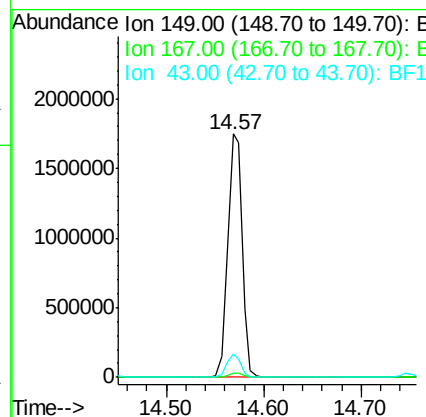
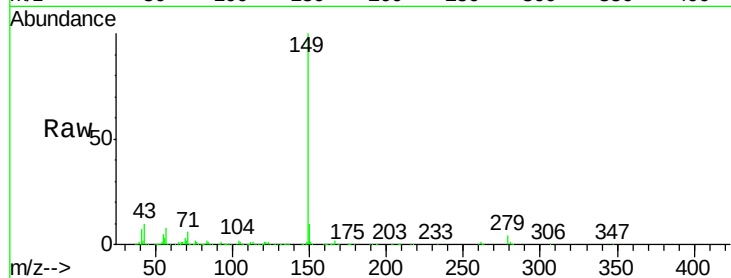
#85  
Di-n-octyl phthalate  
Concen: 42.613 ng  
RT: 14.57 min Scan# 2122  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 9.2   | 7.6   | 11.4  |

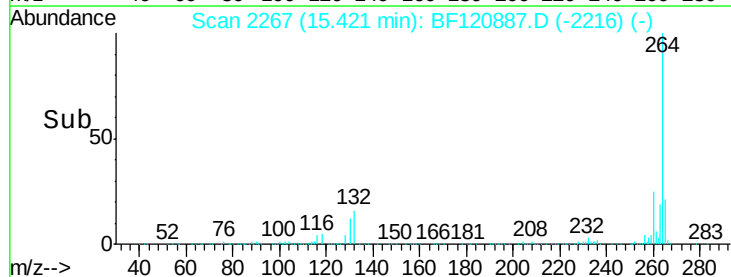
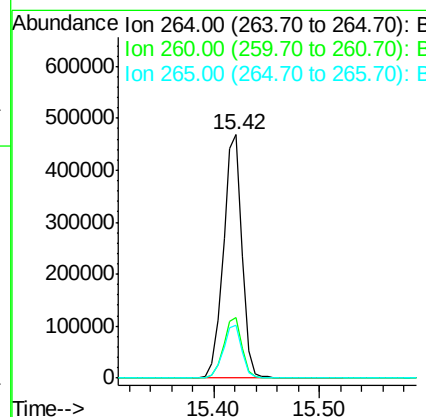
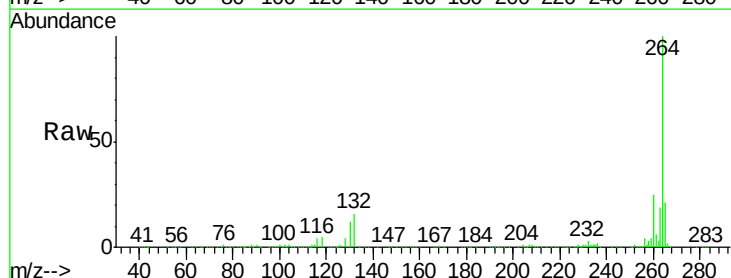
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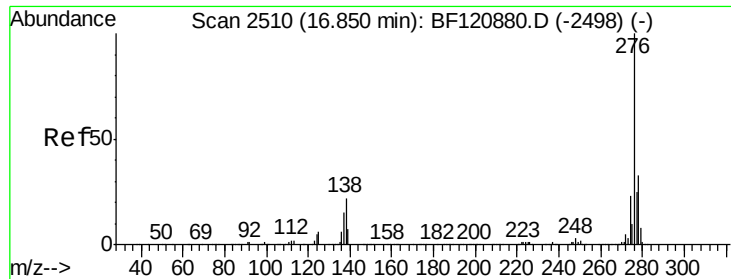
mohammad  
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2267  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 20.0  | 30.0  |
| 265     | 21.5  | 17.4  | 26.2  |





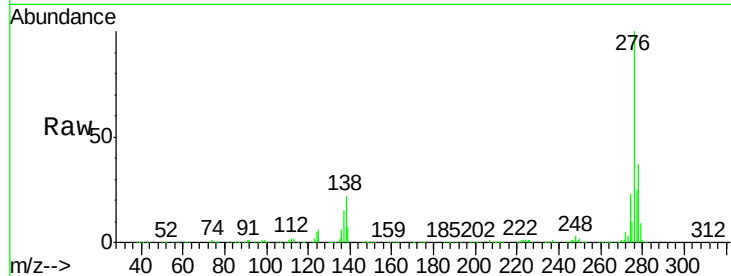
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.596 ng  
RT: 16.85 min Scan# 2510  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

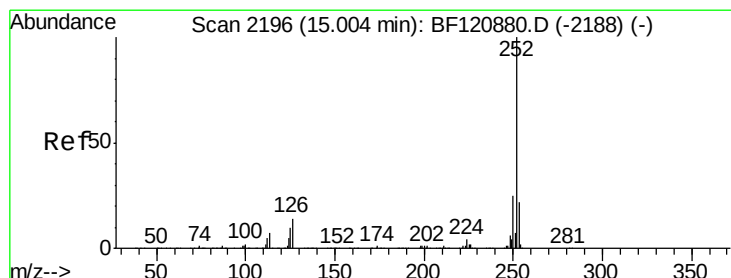
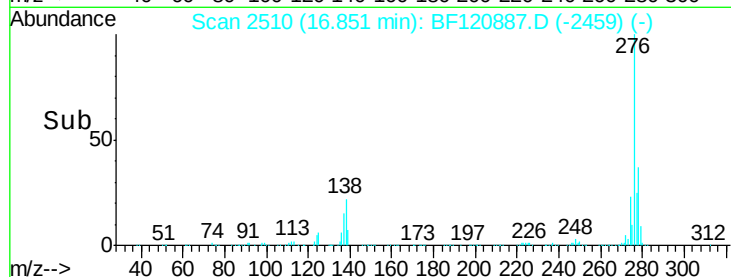
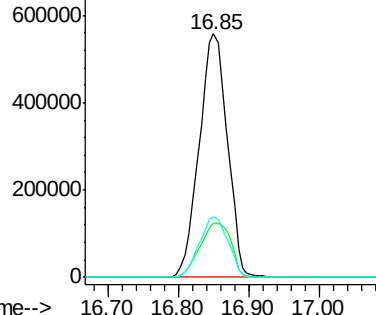
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.8  | 19.8  | 29.8  |
| 277     | 25.3  | 20.2  | 30.2  |

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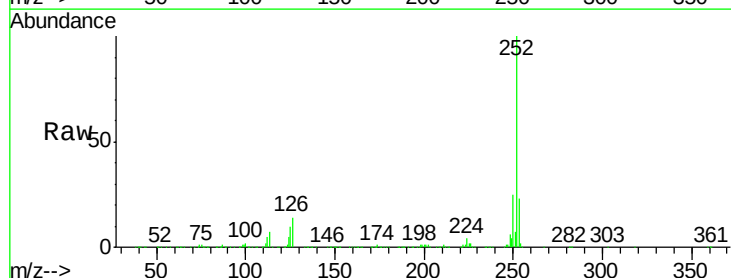


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

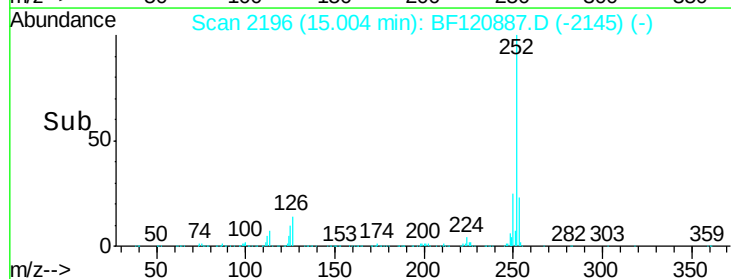
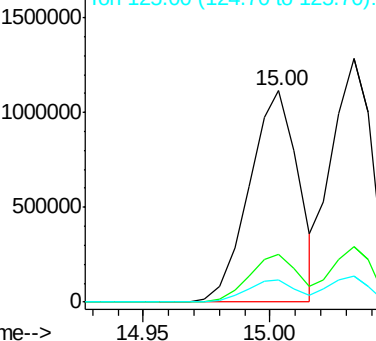


#88  
Benzo(b)fluoranthene  
Concen: 42.954 ng  
RT: 15.00 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

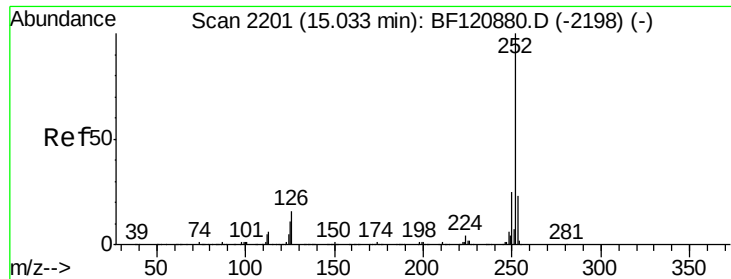
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.0  | 27.0  |
| 125     | 10.4  | 8.3   | 12.5  |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E







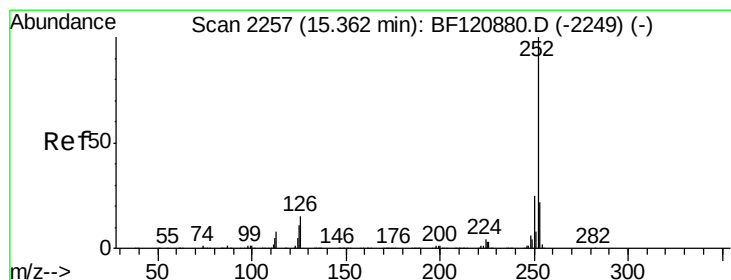
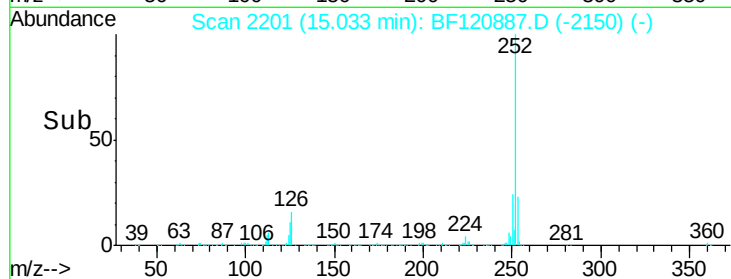
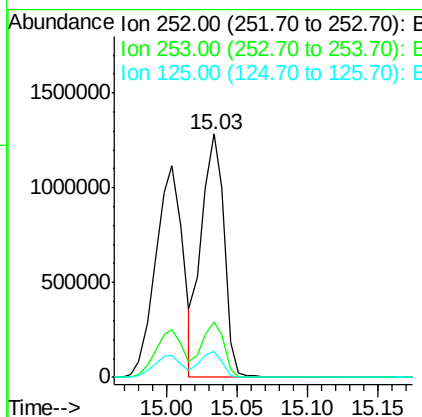
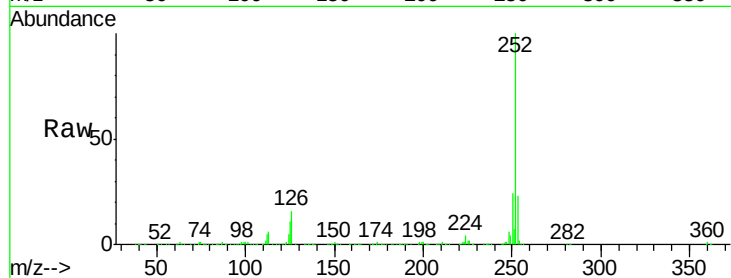
#89  
Benzo(k)fluoranthene  
Concen: 44.952 ng  
RT: 15.03 min Scan# 2201  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.2  | 27.2  |
| 125     | 10.9  | 8.4   | 12.6  |

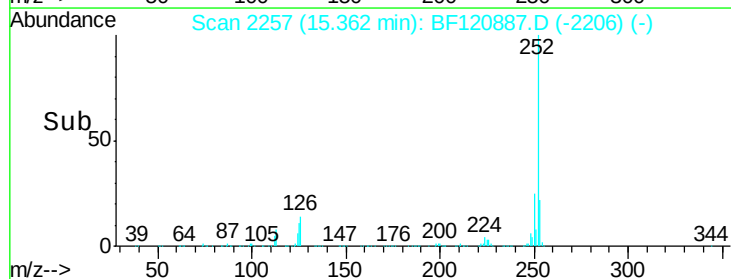
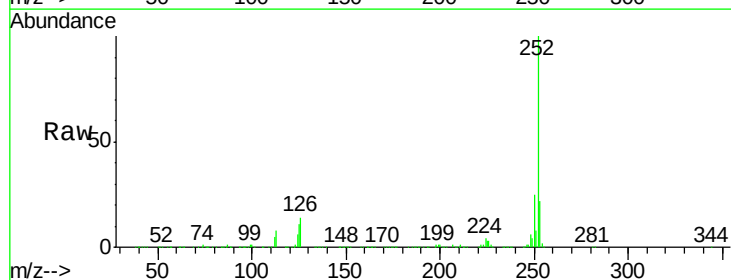
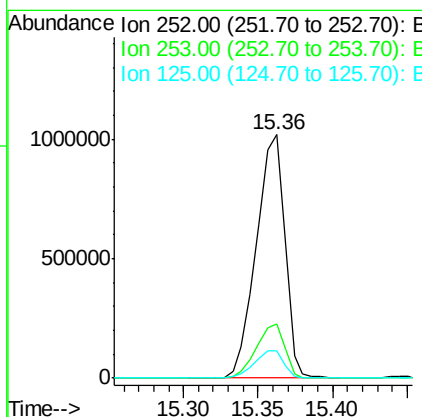
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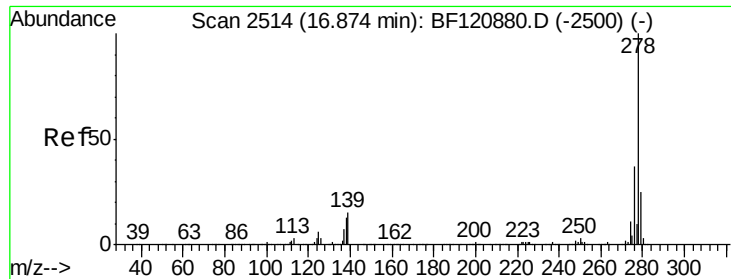
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#90  
Benzo(a)pyrene  
Concen: 42.404 ng  
RT: 15.36 min Scan# 2257  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.8  | 26.8  |
| 125     | 11.3  | 8.9   | 13.3  |





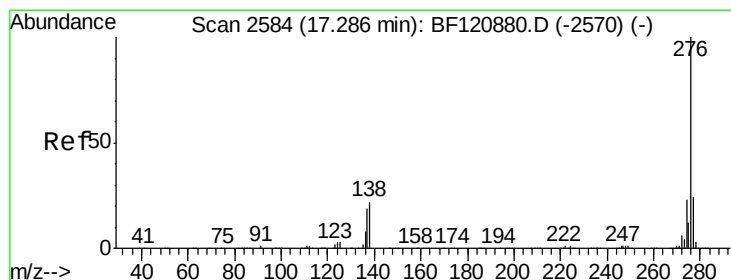
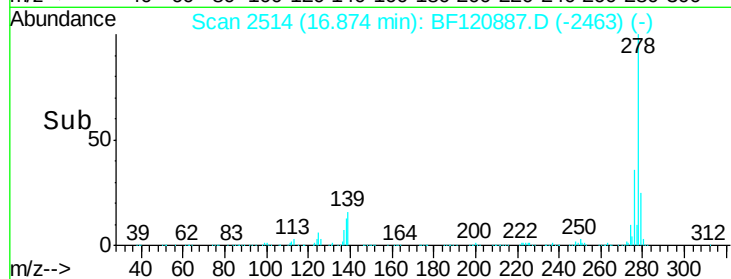
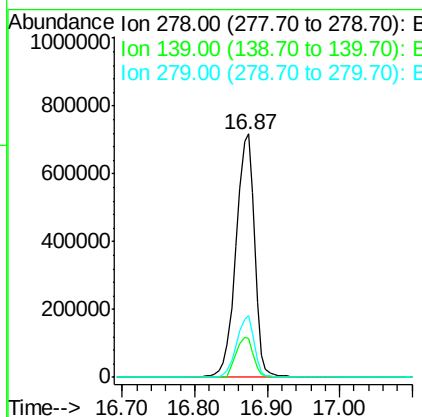
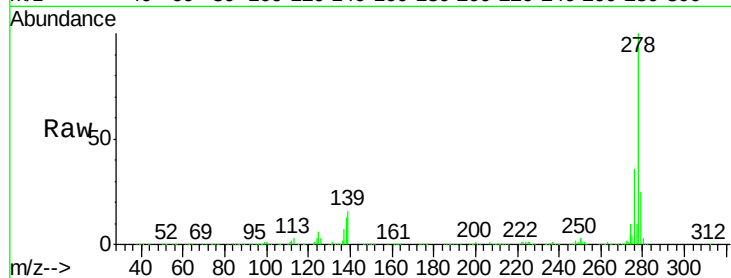
#91  
Dibenzo(a,h)anthracene  
Concen: 39.324 ng  
RT: 16.87 min Scan# 2514  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

Instrument :  
BNA\_F  
ClientSampleId :  
PB130244BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.1  | 12.3  | 18.5  |
| 279     | 25.3  | 20.1  | 30.1  |

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#92  
Benzo(g,h,i)perylene  
Concen: 37.836 ng  
RT: 17.29 min Scan# 2584  
Delta R.T. 0.00 min  
Lab File: BF120887.D  
Acq: 16 Jul 2020 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 18.8  | 28.2  |
| 138     | 20.9  | 17.5  | 26.3  |

