

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\  
 Data File : BF119927.D  
 Acq On : 13 Apr 2020 20:52  
 Operator : MA/SJ  
 Sample : L2129-26MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

Manual Integrations  
 APPROVED

mohammad  
 4/14/2020 3:38:09 PM

Quant Time: Apr 14 03:03:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 13:37:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 243858   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.03  | 136  | 969469   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.78  | 164  | 499004   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.27 | 188  | 964024   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.91 | 240  | 685973   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.33 | 264  | 652665   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 575004  | 40.75 | ng | 0.00 |
| 7) Phenol-d6             | 6.37  | 99  | 765539  | 42.10 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 452780  | 24.16 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.57 | 330 | 387652  | 63.45 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.10  | 172 | 1229008 | 34.97 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.86 | 244 | 2189185 | 53.70 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.47 | 88  | 234725  | 37.348 | ng | 96     |
| 3) Pyridine                    | 3.17 | 79  | 647712  | 37.563 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.14 | 42  | 369207  | 41.906 | ng | 97     |
| 6) Aniline                     | 6.40 | 93  | 798679  | 33.467 | ng | 98     |
| 8) 2-Chlorophenol              | 6.52 | 128 | 725014  | 45.985 | ng | 98     |
| 9) Benzaldehyde                | 6.28 | 77  | 334012  | 31.045 | ng | 97     |
| 10) Phenol                     | 6.39 | 94  | 932126  | 45.188 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.47 | 93  | 677204  | 42.519 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.68 | 146 | 726578  | 42.094 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 720214  | 40.961 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.91 | 146 | 694890  | 42.883 | ng | 97     |
| 15) Benzyl Alcohol             | 6.89 | 79  | 593304  | 42.012 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 1197088 | 38.625 | ng | 99     |
| 17) 2-Methylphenol             | 7.00 | 107 | 580865  | 41.284 | ng | 98     |
| 18) Hexachloroethane           | 7.25 | 117 | 276732  | 42.113 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 490739  | 41.972 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.16 | 107 | 707307  | 41.103 | ng | 95     |
| 22) Acetophenone               | 7.15 | 105 | 925085  | 40.749 | ng | 99     |
| 24) Nitrobenzene               | 7.32 | 77  | 758910  | 40.258 | ng | 100    |
| 25) Isophorone                 | 7.57 | 82  | 1394154 | 38.593 | ng | 99     |
| 26) 2-Nitrophenol              | 7.64 | 139 | 393943  | 41.828 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.69 | 122 | 615714  | 43.347 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 876835  | 41.249 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.89 | 162 | 599368  | 41.166 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 639100  | 38.739 | ng | 99     |
| 31) Naphthalene                | 8.05 | 128 | 2031071 | 39.820 | ng | 99     |
| 32) Benzoic acid               | 7.83 | 122 | 509532  | 40.844 | ng | 98     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 414097  | 18.649 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 366330  | 37.095 | ng | 98     |
| 35) Caprolactam                | 8.48 | 113 | 181460m | 40.743 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107 | 661457  | 41.962 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 1384438 | 40.035 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.84 | 142 | 1291268 | 39.617 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 599509  | 38.038 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\  
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 Sample : L2129-26MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

Manual Integrations  
 APPROVED

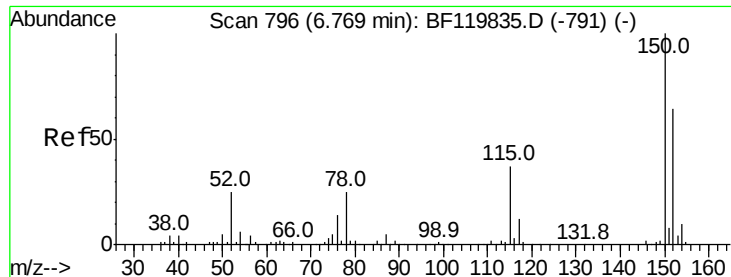
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 4/14/2020 3:38:09 PM

Quant Time: Apr 14 03:03:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 13 13:37:50 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.89  | 237  | 717976   | 80.112 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.02  | 196  | 445400   | 40.925 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.06  | 196  | 466750   | 38.077 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.20  | 154  | 1638289  | 38.897 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.23  | 162  | 1290240  | 39.766 | nq    | 95       |
| 48) 2-Nitroaniline             | 9.33  | 65   | 470883   | 40.048 | nq    | 98       |
| 49) Acenaphthylene             | 9.65  | 152  | 2045119  | 41.446 | nq    | 99       |
| 50) Dimethylphthalate          | 9.52  | 163  | 1647939  | 42.696 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.57  | 165  | 345735   | 40.905 | nq    | 91       |
| 52) Acenaphthene               | 9.82  | 154  | 1231708  | 37.420 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.74  | 138  | 228279   | 23.648 | nq    | 95       |
| 54) 2,4-Dinitrophenol          | 9.85  | 184  | 419670   | 82.934 | nq    | 93       |
| 55) Dibenzofuran               | 9.99  | 168  | 1804517  | 39.950 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.92  | 139  | 588809   | 81.979 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 9.98  | 165  | 460063   | 41.314 | nq    | 97       |
| 58) Fluorene                   | 10.33 | 166  | 1387187  | 38.401 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 388630   | 41.453 | nq    | 99       |
| 60) Diethylphthalate           | 10.22 | 149  | 1552853  | 38.818 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.33 | 204  | 667776   | 36.067 | nq    | 99       |
| 62) 4-Nitroaniline             | 10.36 | 138  | 386285   | 41.990 | nq    | 98       |
| 63) Azobenzene                 | 10.49 | 77   | 1489052  | 41.535 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.39 | 198  | 271353   | 42.726 | nq    | 83       |
| 66) n-Nitrosodiphenylamine     | 10.45 | 169  | 1299060  | 40.519 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.82 | 248  | 450273   | 37.558 | nq    | 99       |
| 68) Hexachlorobenzene          | 10.88 | 284  | 487724   | 40.102 | nq    | 99       |
| 69) Atrazine                   | 10.98 | 200  | 402090   | 45.076 | nq    | 96       |
| 70) Pentachlorophenol          | 11.07 | 266  | 544146   | 77.639 | nq    | 98       |
| 71) Phenanthrene               | 11.30 | 178  | 2052292  | 40.001 | nq    | 98       |
| 72) Anthracene                 | 11.34 | 178  | 2128880  | 40.618 | nq    | 99       |
| 73) Carbazole                  | 11.50 | 167  | 1961673  | 39.578 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.83 | 149  | 2424776  | 37.214 | nq    | 99       |
| 75) Fluoranthene               | 12.48 | 202  | 2219501  | 40.093 | nq    | 98       |
| 77) Benzidine                  | 12.60 | 184  | 1260861  | 54.376 | nq    | 97       |
| 78) Pyrene                     | 12.71 | 202  | 2243721  | 38.799 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.33 | 149  | 1050089  | 37.422 | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.90 | 228  | 1752364  | 38.831 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.86 | 252  | 440494   | 26.160 | nq    | 96       |
| 83) Chrysene                   | 13.94 | 228  | 1862045  | 40.608 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.90 | 149  | 1339281  | 35.245 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.51 | 149  | 2444799  | 37.786 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.73 | 276  | 1639482  | 40.562 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 14.93 | 252  | 1804083  | 38.425 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 14.96 | 252  | 1745031  | 43.076 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.27 | 252  | 1584211  | 40.131 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.75 | 278  | 1341568  | 38.366 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.16 | 276  | 1322346  | 38.310 | nq    | 98       |

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





#1

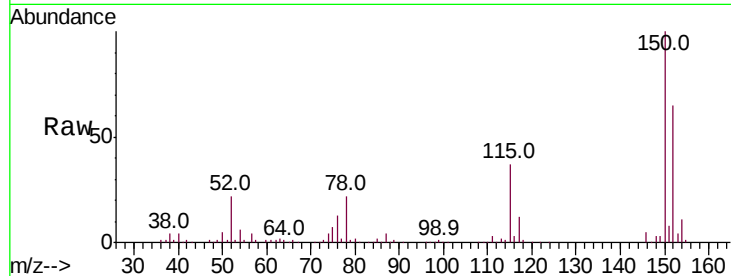
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 791  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.1 | 124.8 | 187.2 |
| 115     | 56.1  | 46.5  | 69.7  |

Manual Integrations  
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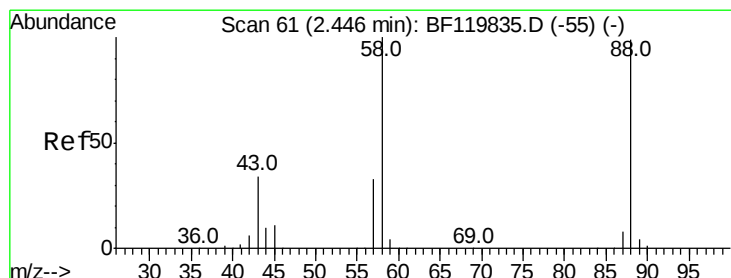
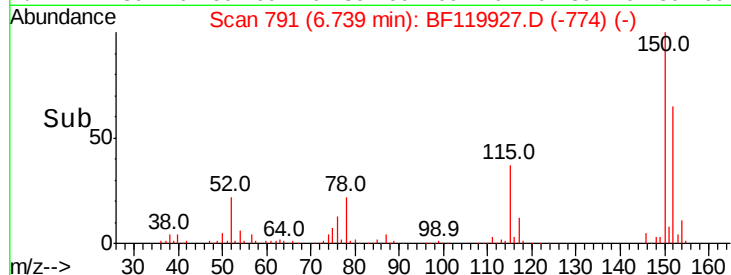
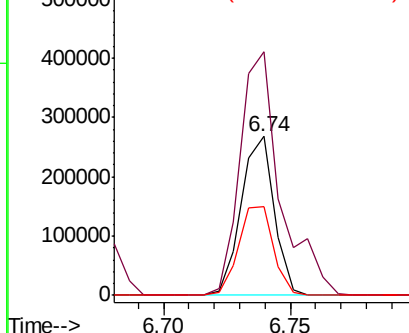


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

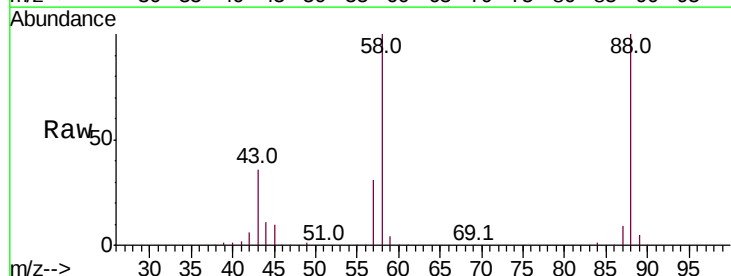
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 37.348 ng  
RT: 2.47 min Scan# 66  
Delta R.T. 0.09 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 99.1  | 82.6  | 123.8 |
| 43      | 34.1  | 28.6  | 42.8  |

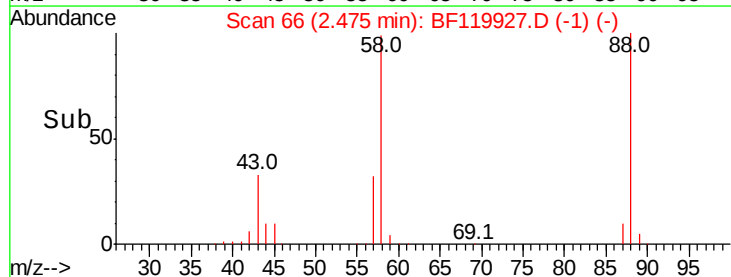
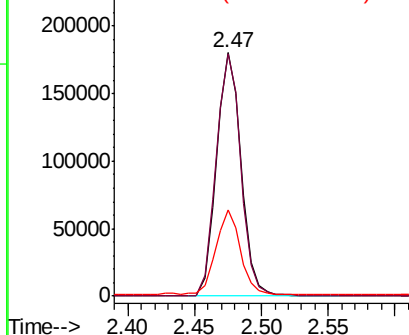


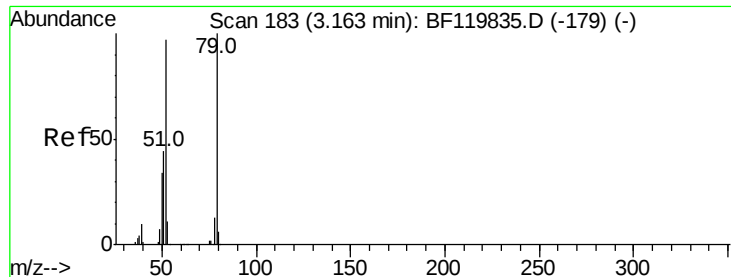
Abundance

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: 37.563 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.09 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA\_F

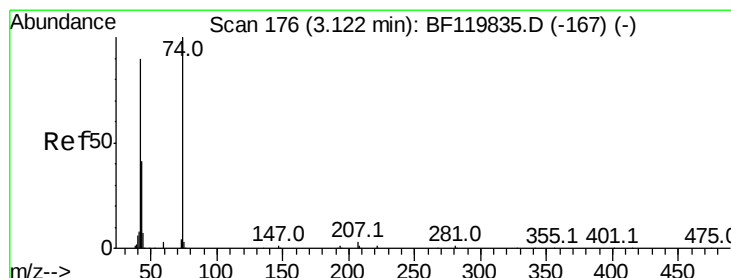
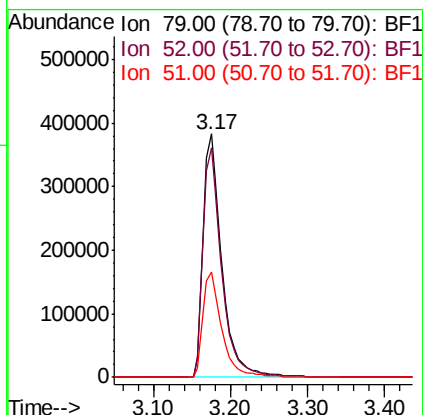
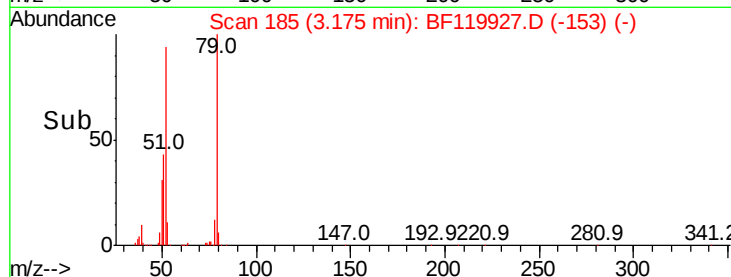
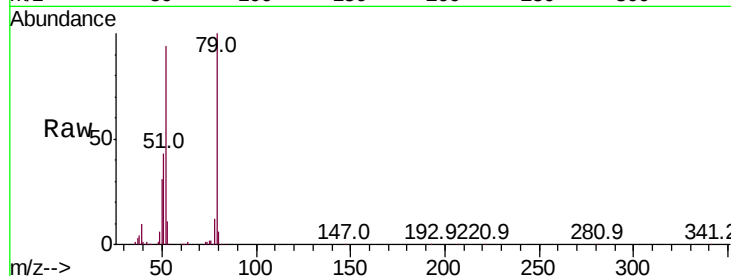
ClientSampled :

TP-2MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 647712 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 94.3  | 77.4  | 116.0  |
| 51        | 43.4  | 35.3  | 52.9   |

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#4

n-Nitrosodimethylamine

Concen: 41.906 ng

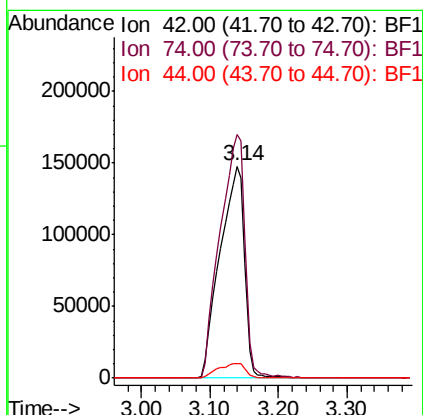
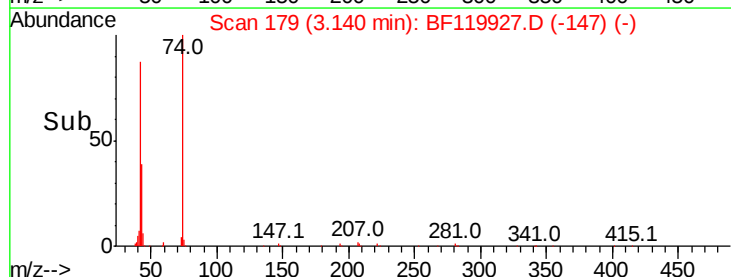
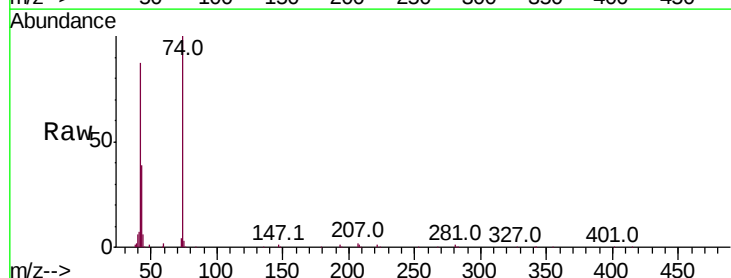
RT: 3.14 min Scan# 179

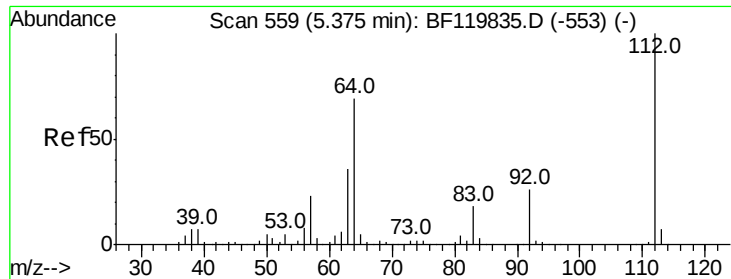
Delta R.T. 0.09 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 369207 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 114.9 | 89.0  | 133.4  |
| 44        | 6.7   | 6.2   | 9.4    |





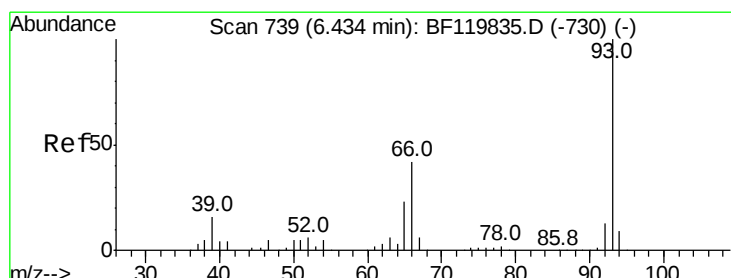
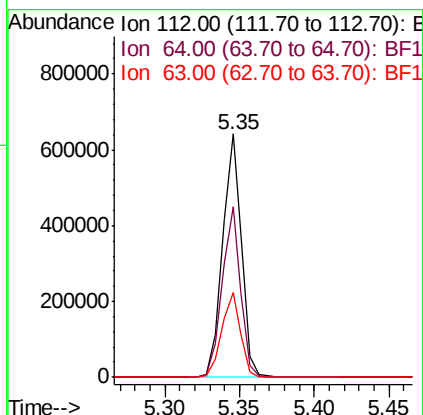
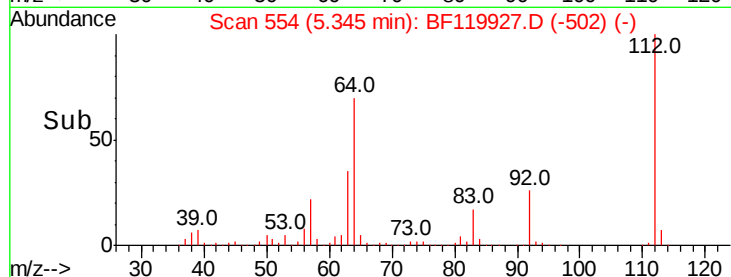
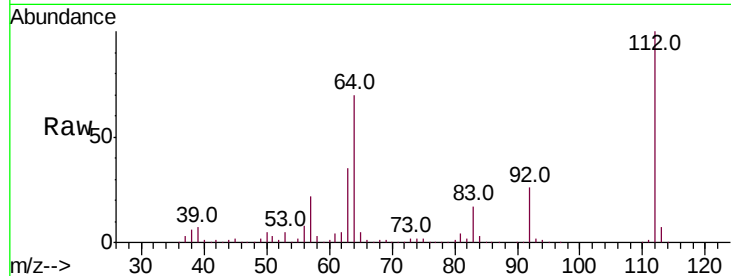
#5  
2-Fluorophenol  
Concen: 40.750 ng  
RT: 5.35 min Scan# 554  
Delta R.T. 0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 575004 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.9  | 55.5  | 83.3   |
| 63        | 34.9  | 29.1  | 43.7   |

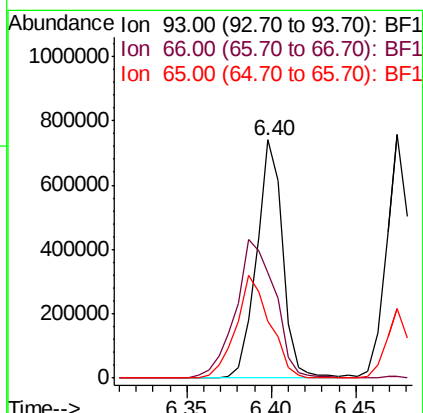
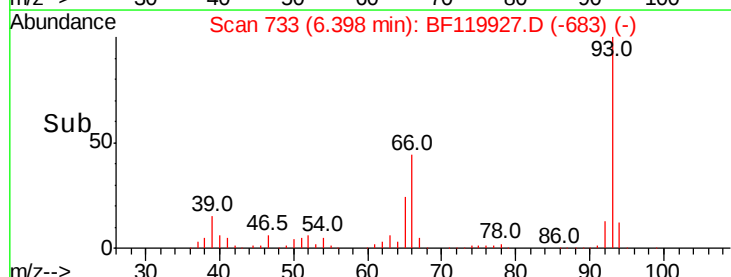
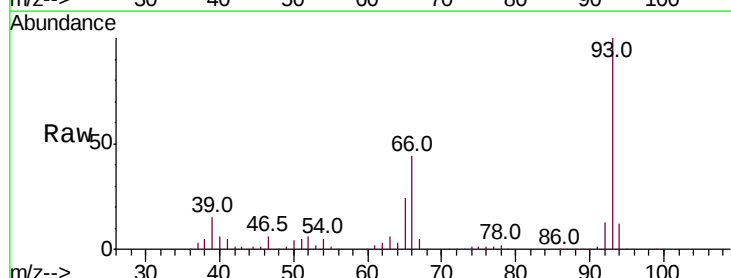
Manual Integrations  
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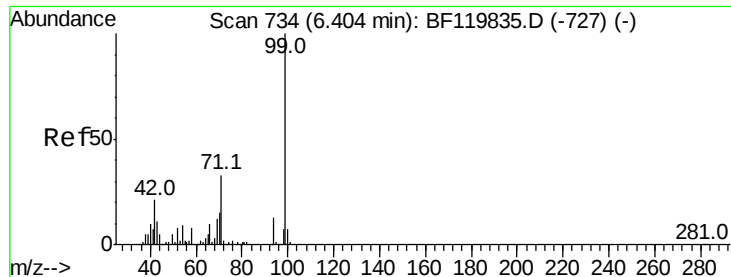
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#6  
Aniline  
Concen: 33.467 ng  
RT: 6.40 min Scan# 733  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 798679 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 44.2  | 34.2  | 51.2   |
| 65        | 23.8  | 18.3  | 27.5   |





#7

Phenol-d6

Concen: 42.104 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA\_F

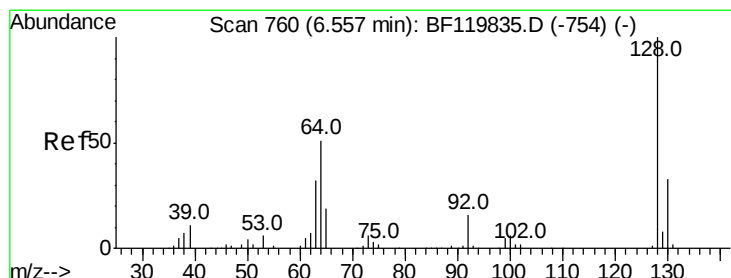
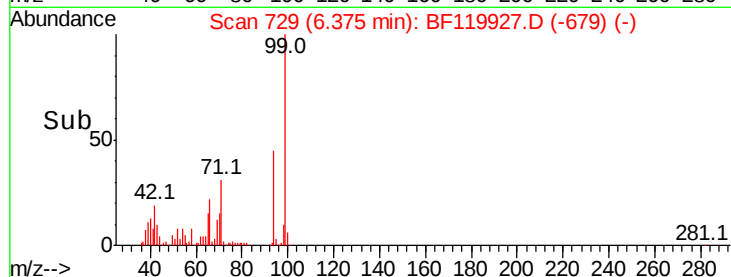
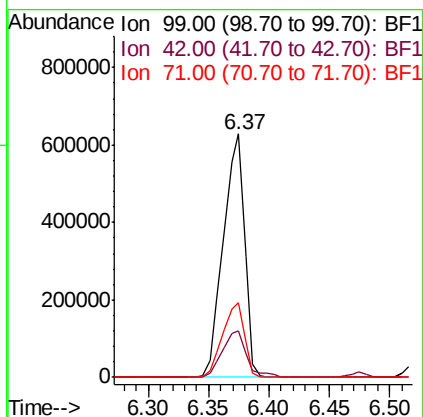
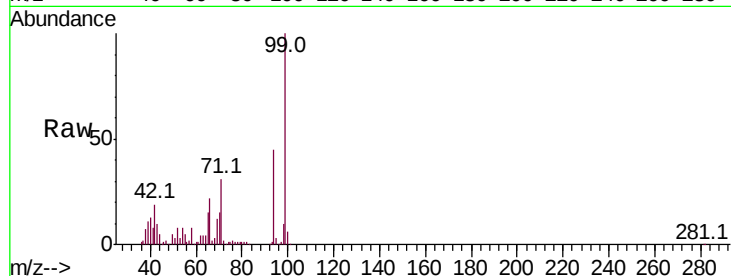
ClientSampleId :

TP-2MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 765539 |       |       |
| 42      | 18.9 | 16.9  | 25.3   |       |       |
| 71      | 30.7 | 26.3  | 39.5   |       |       |

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#8

2-Chlorophenol

Concen: 45.985 ng

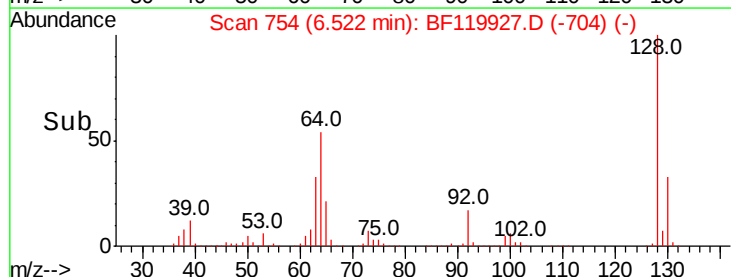
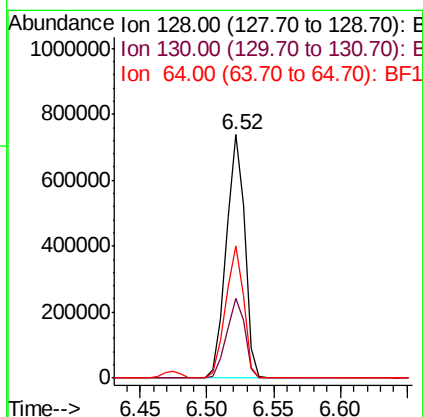
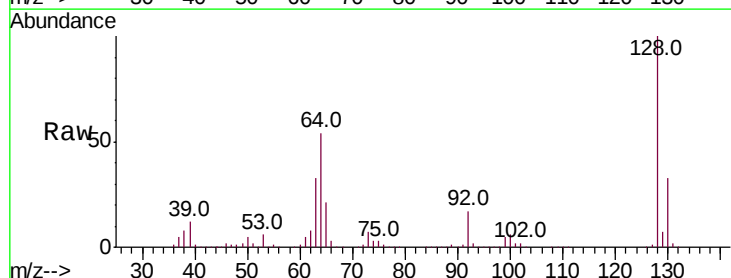
RT: 6.52 min Scan# 754

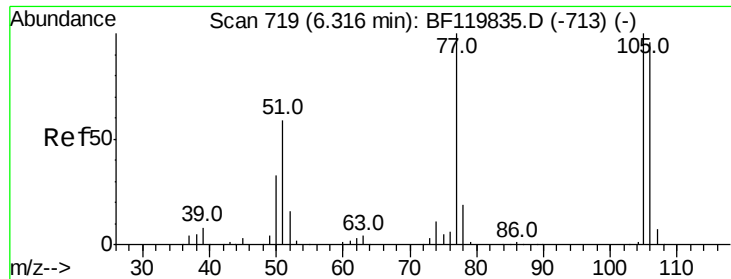
Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 725014 |       |       |
| 130     | 32.6 | 12.6  | 52.6   |       |       |
| 64      | 54.3 | 32.0  | 72.0   |       |       |





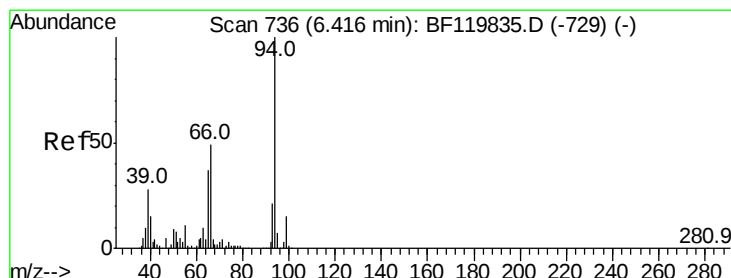
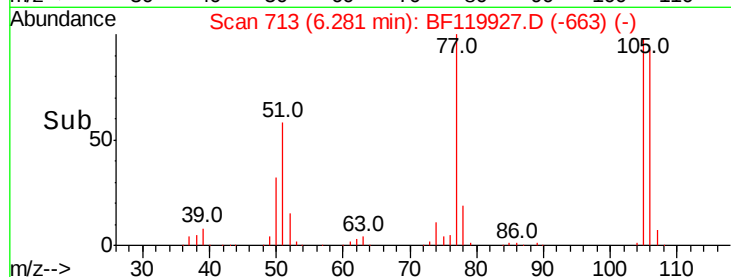
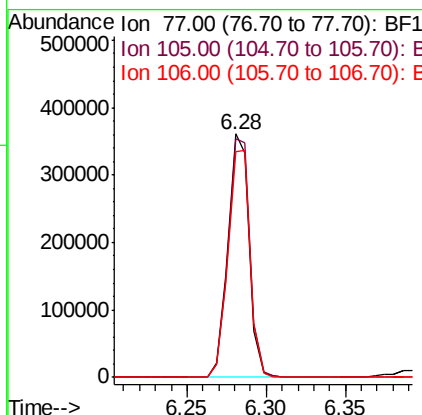
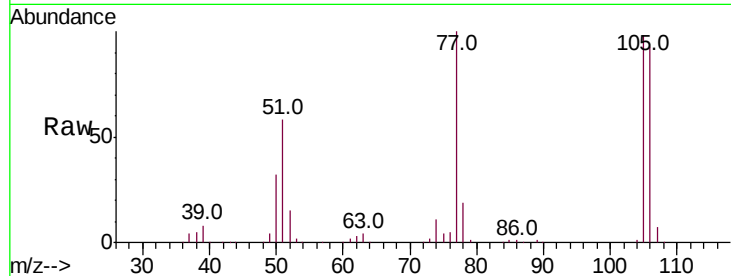
#9  
Benzaldehyde  
Concen: 31.045 ng  
RT: 6.28 min Scan# 713  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampled :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 98.2  | 79.9  | 119.9 |
| 106     | 92.5  | 76.4  | 116.4 |

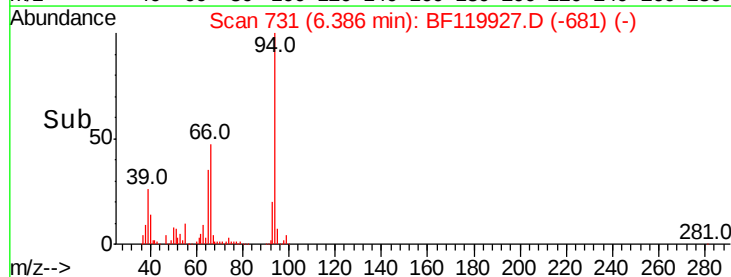
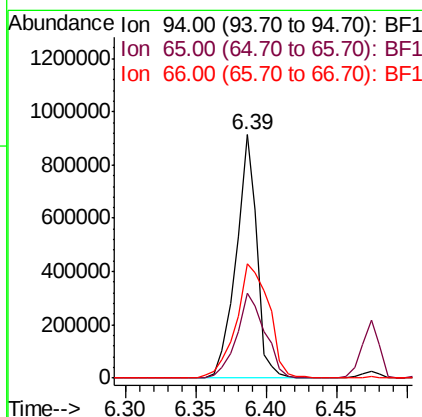
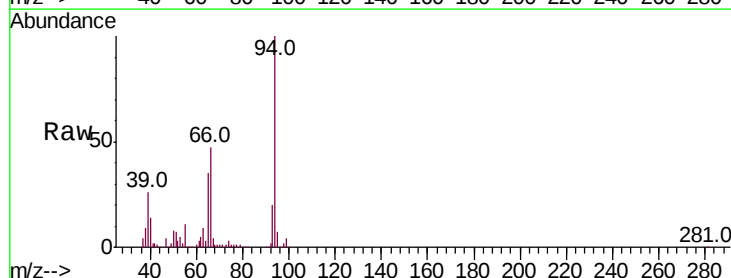
Manual Integrations  
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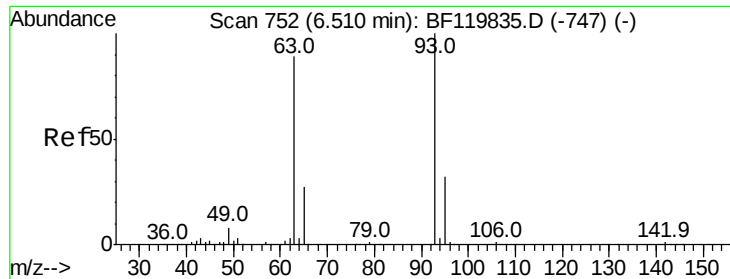
mohammad  
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#10  
Phenol  
Concen: 45.188 ng  
RT: 6.39 min Scan# 731  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 34.9  | 16.6  | 56.6  |
| 66      | 47.2  | 29.3  | 69.3  |





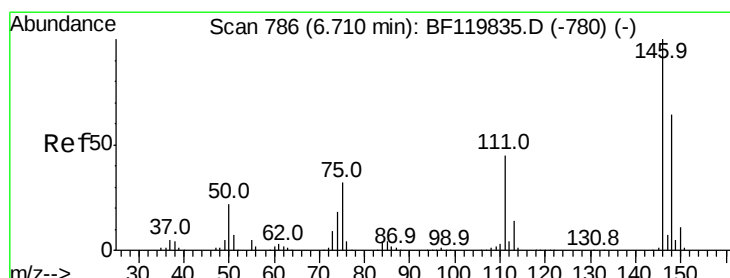
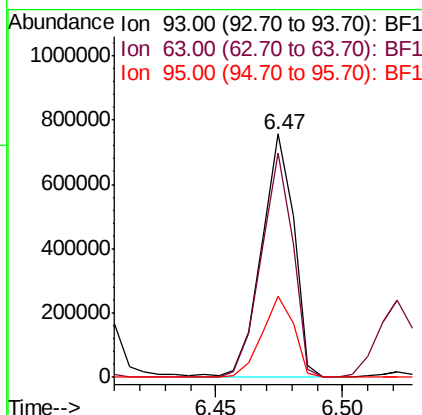
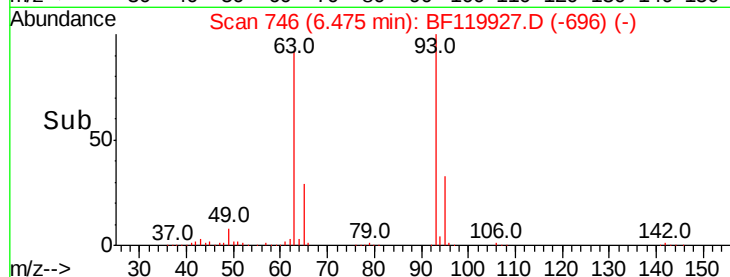
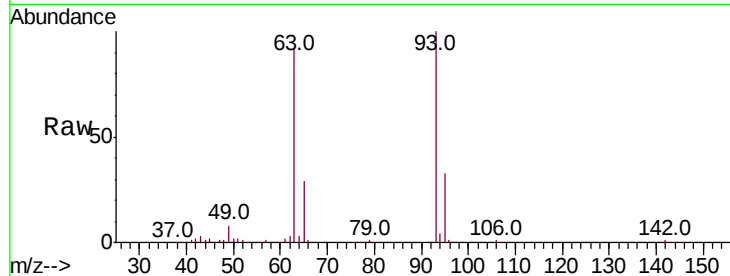
#11  
 bis(2-Chloroethyl)ether  
 Concen: 42.519 ng  
 RT: 6.47 min Scan# 746  
 Delta R.T. -0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 677204 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 92.2  | 69.1  | 109.1  |
| 95       | 33.2  | 12.3  | 52.3   |

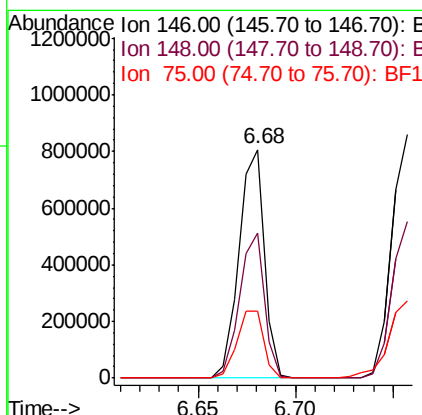
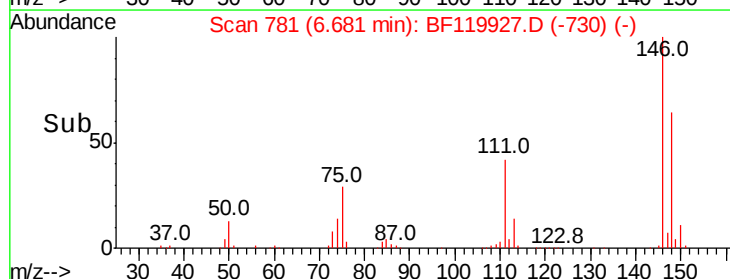
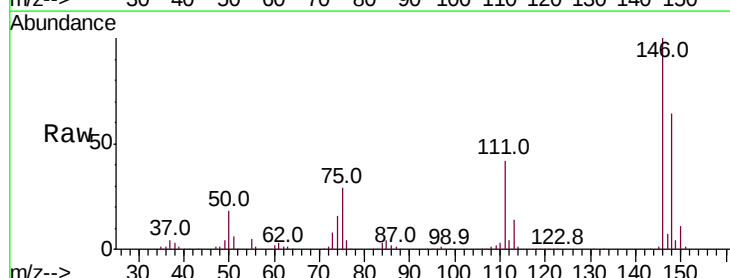
Manual Integrations  
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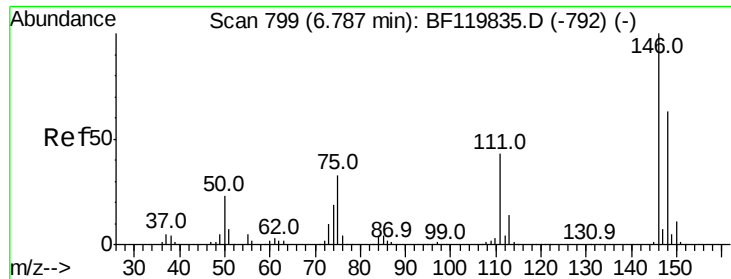
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#12  
 1,3-Dichlorobenzene  
 Concen: 42.094 ng  
 RT: 6.68 min Scan# 781  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 726578 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.6  | 51.3  | 76.9   |
| 75       | 29.3  | 25.3  | 37.9   |





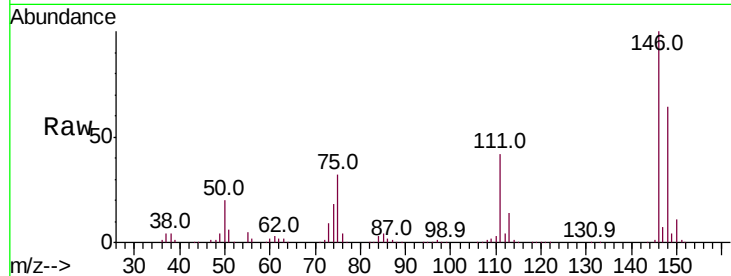
#13  
 1,4-Dichlorobenzene  
 Concen: 40.961 ng  
 RT: 6.76 min Scan# 794  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 50.5  | 75.7  |
| 111     | 42.3  | 34.7  | 52.1  |

Manual Integrations  
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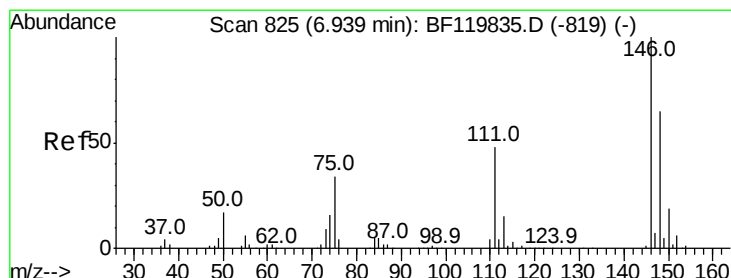
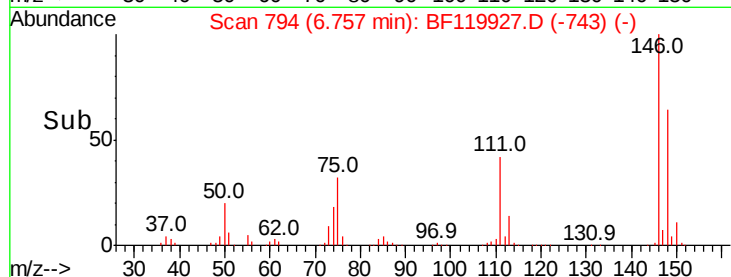
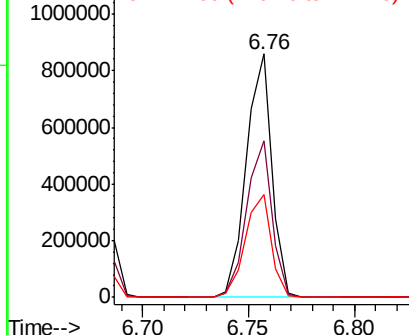


Abundance

Ion 146.00 (145.70 to 146.70): E

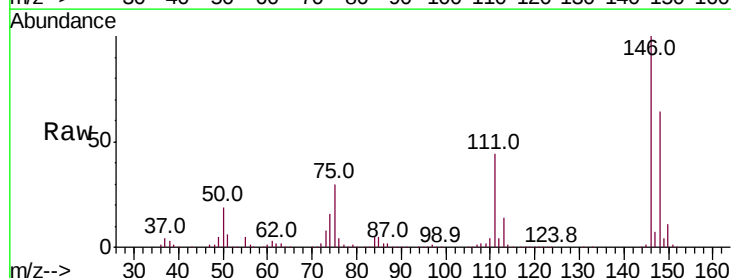
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 42.883 ng  
 RT: 6.91 min Scan# 820  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 51.8  | 77.8  |
| 111     | 44.5  | 38.0  | 57.0  |

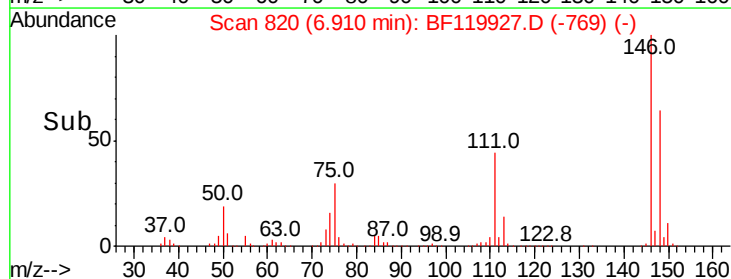
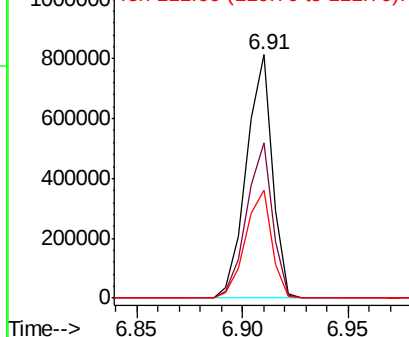


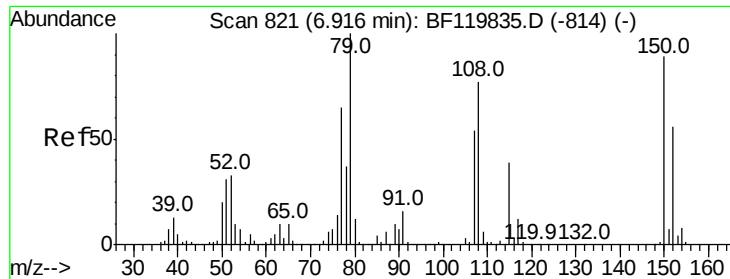
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





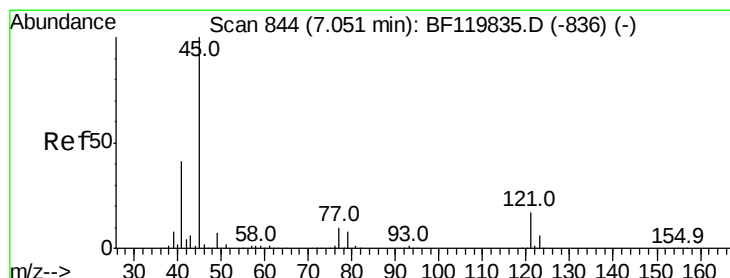
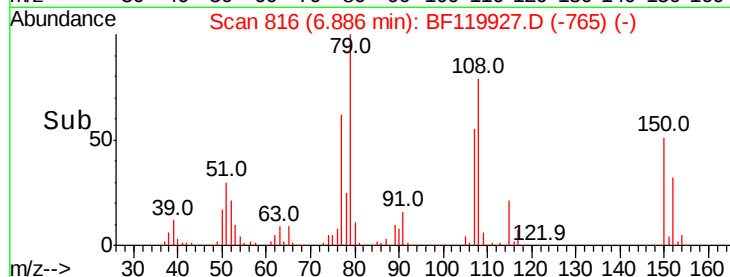
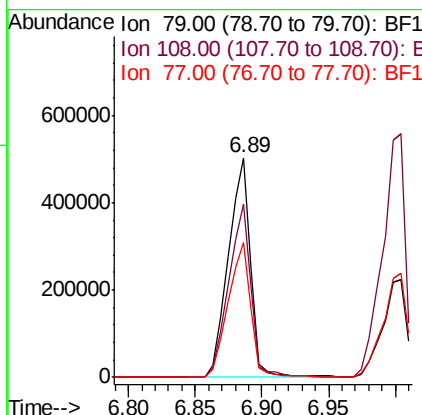
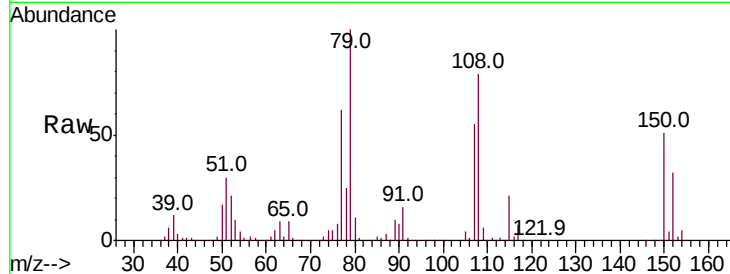
#15  
Benzyl Alcohol  
Concen: 42.012 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampled :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.8  | 62.0  | 93.0  |
| 77      | 61.7  | 51.8  | 77.6  |

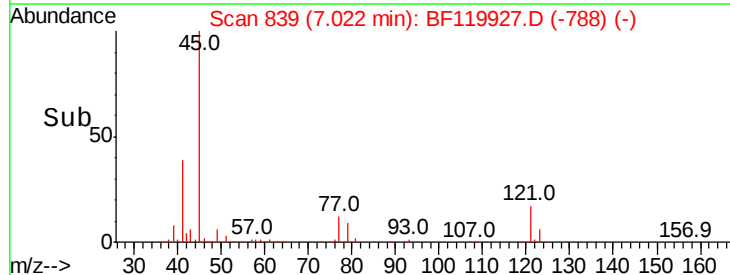
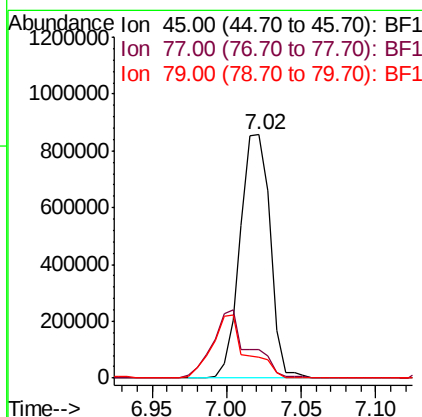
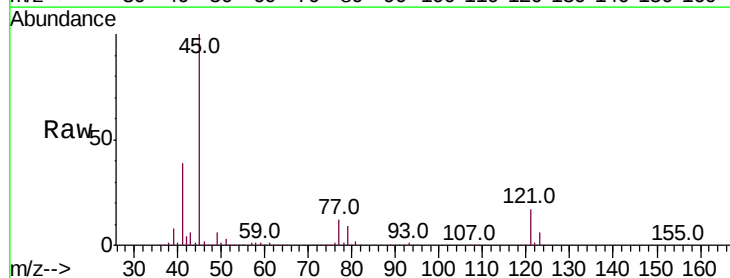
Manual Integrations  
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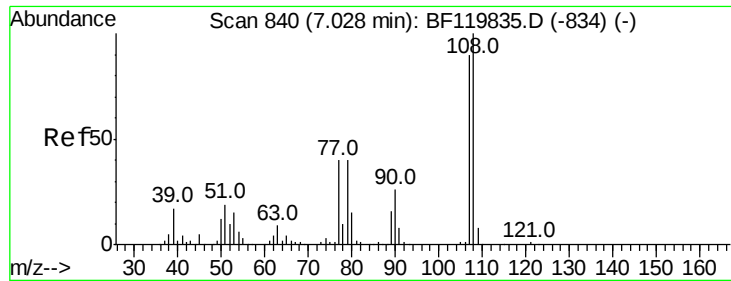
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.625 ng  
RT: 7.02 min Scan# 839  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.6  | 0.0   | 30.7  |
| 79      | 8.7   | 0.0   | 28.6  |





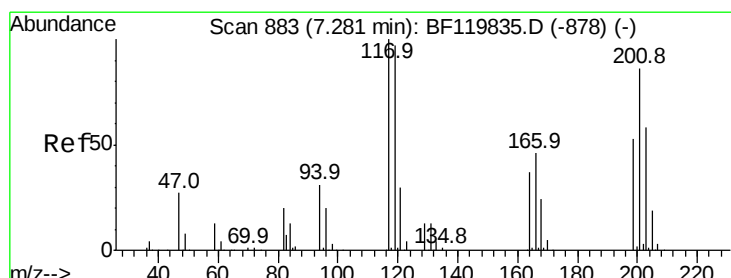
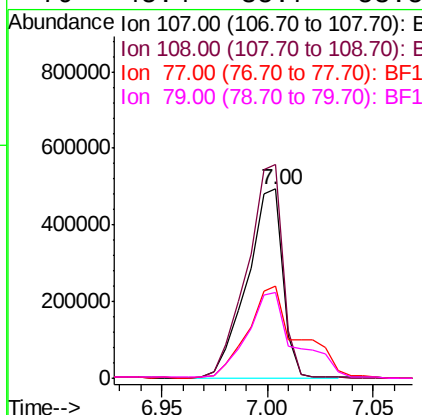
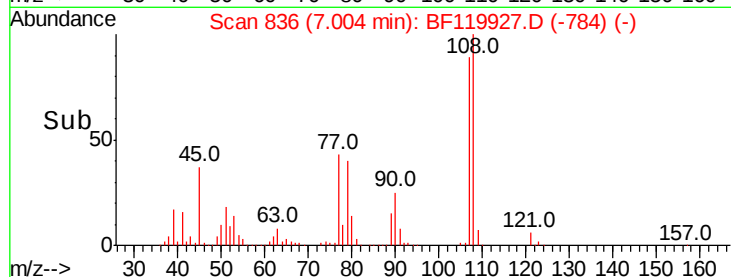
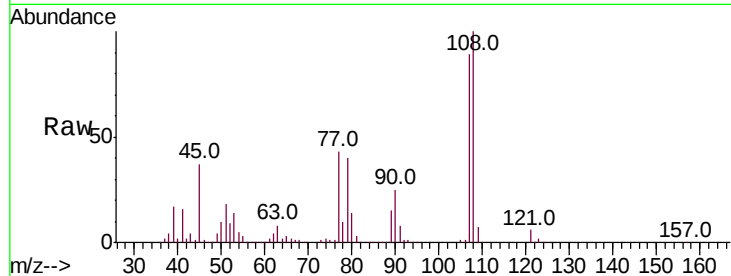
#17  
2-Methylphenol  
Concen: 41.284 ng  
RT: 7.00 min Scan# 836  
Delta R.T. 0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.8 | 88.8 | 133.2 |       |
| 77      | 48.4  | 36.0 | 54.0  |       |
| 79      | 45.4  | 35.7 | 53.5  |       |

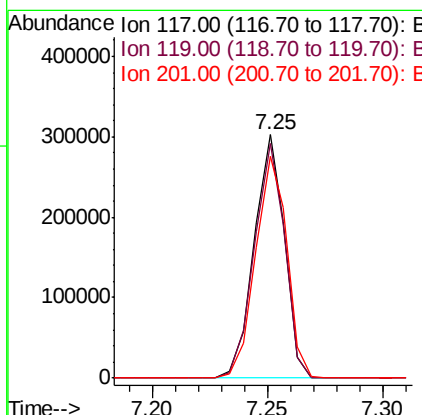
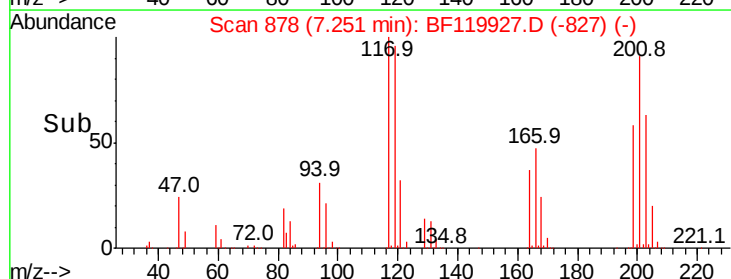
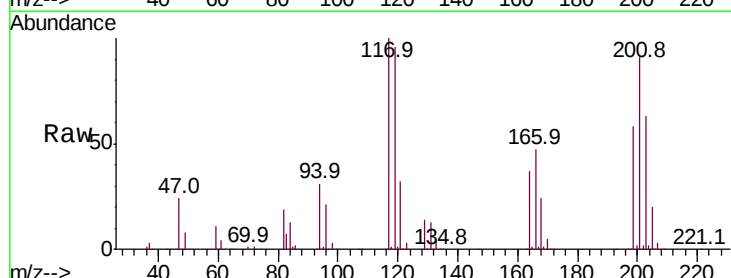
Manual Integrations  
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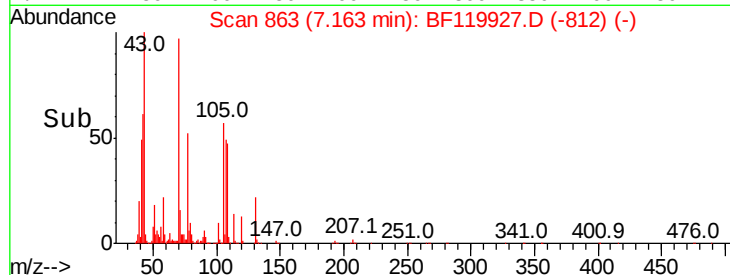
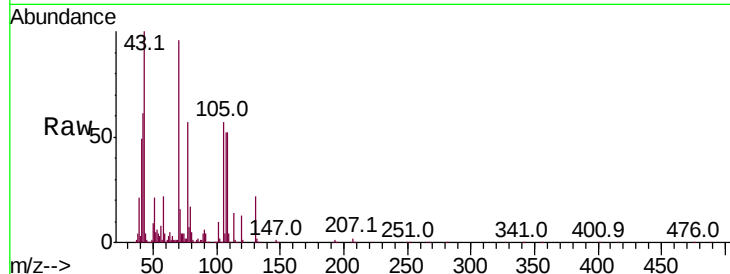
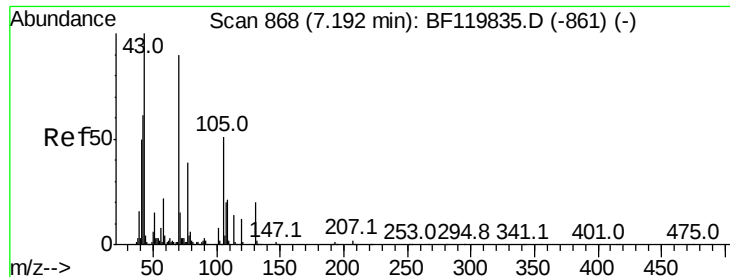
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#18  
Hexachloroethane  
Concen: 42.113 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.3  | 77.4 | 116.0 |       |
| 201     | 90.9  | 68.4 | 102.6 |       |





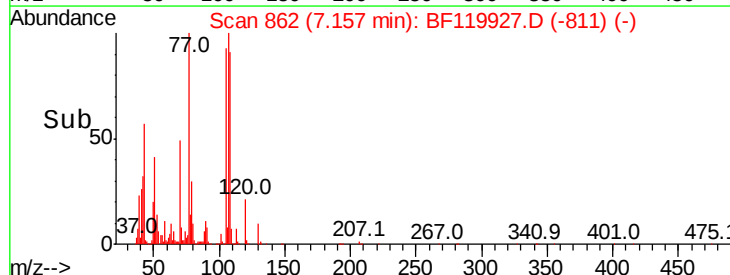
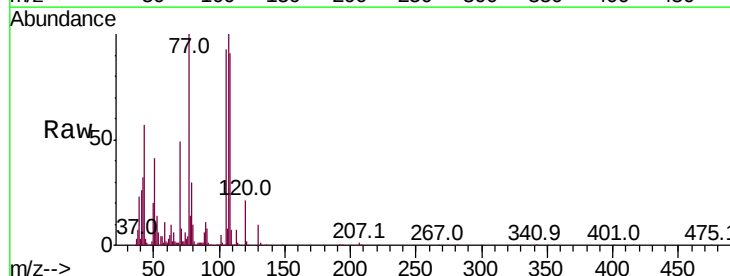
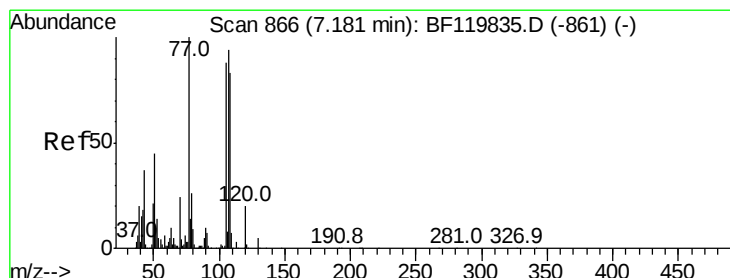
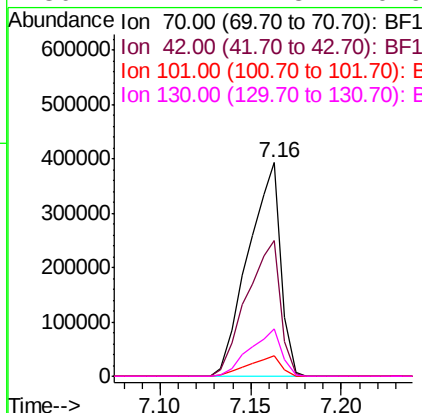
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.972 ng  
RT: 7.16 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 63.6  | 54.2  | 81.4  |
| 101     | 9.9   | 7.4   | 11.2  |
| 130     | 22.4  | 17.8  | 26.6  |

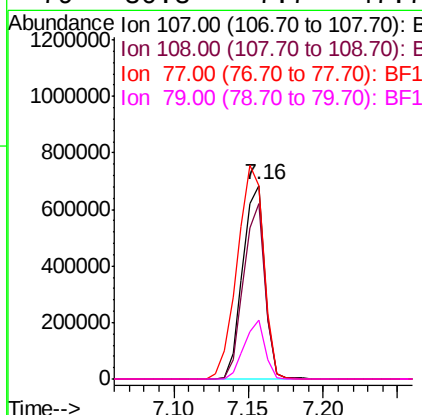
Manual Integrations  
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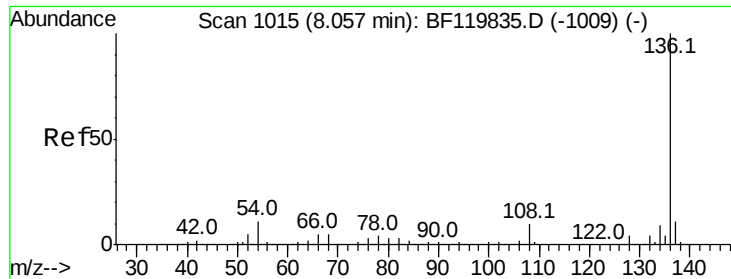
mohammad  
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#20  
3+4-Methylphenols  
Concen: 41.103 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.6  | 68.2  | 108.2 |
| 77      | 99.8  | 86.6  | 126.6 |
| 79      | 30.3  | 7.7   | 47.7  |





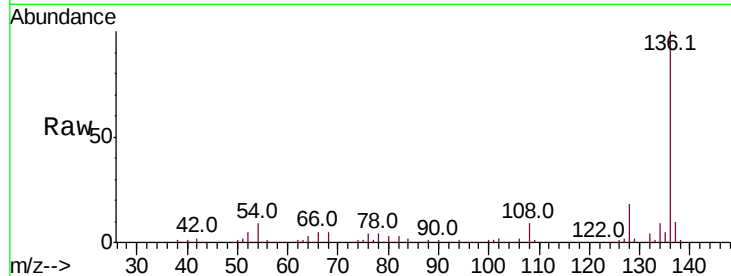
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

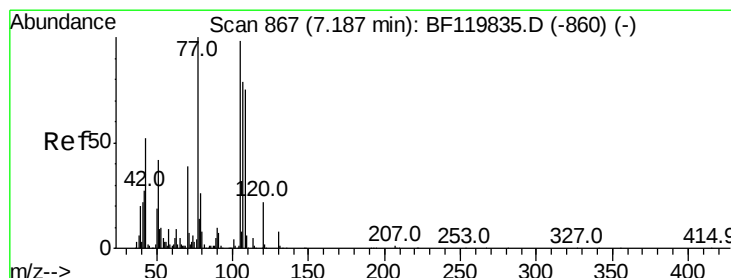
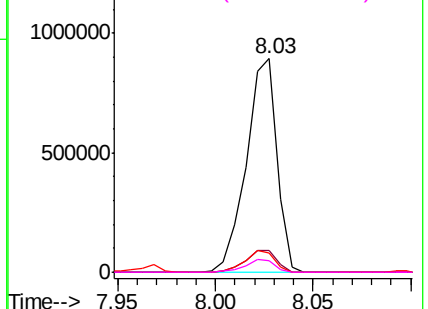
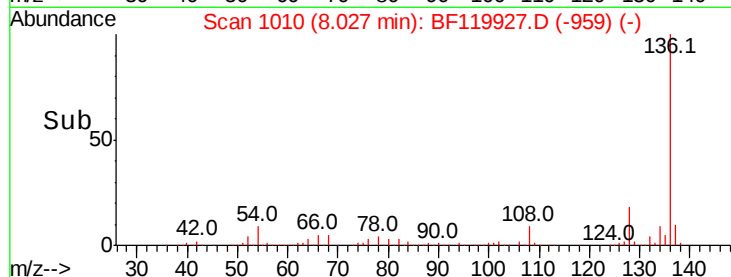
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.4  | 8.7  | 13.1  |       |
| 54      | 9.2   | 8.5  | 12.7  |       |
| 68      | 5.2   | 3.9  | 5.9   |       |

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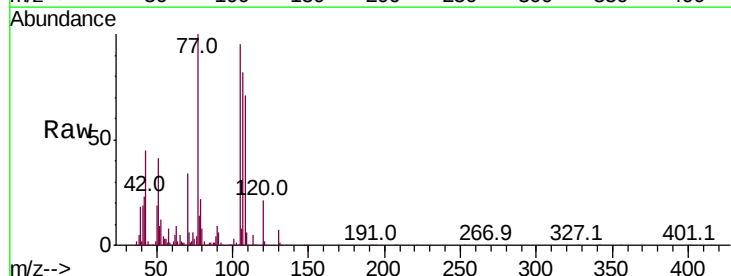


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

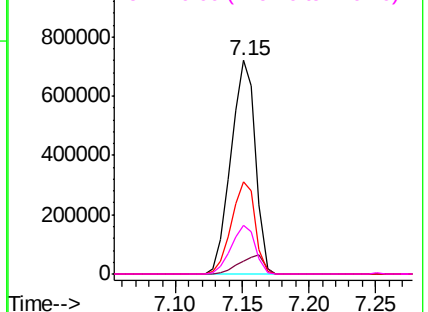
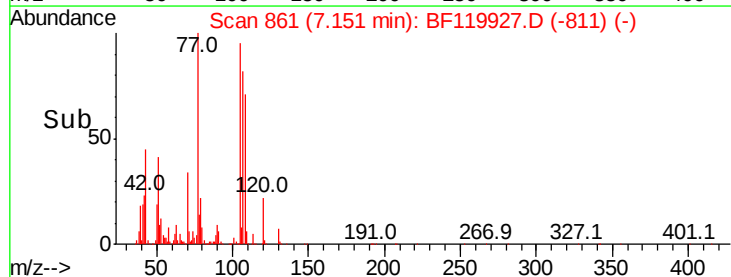


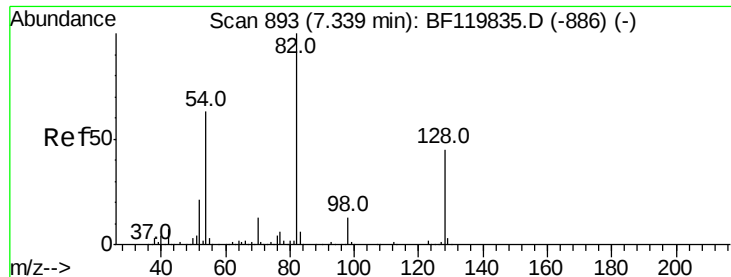
#22  
Acetophenone  
Concen: 40.749 ng  
RT: 7.15 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 5.9   | 5.6  | 8.4   |       |
| 51      | 43.2  | 33.9 | 50.9  |       |
| 120     | 22.5  | 17.8 | 26.8  |       |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E





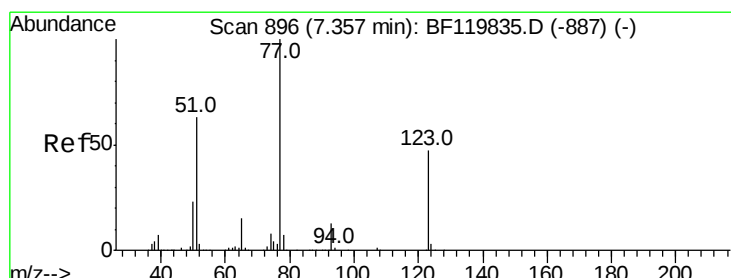
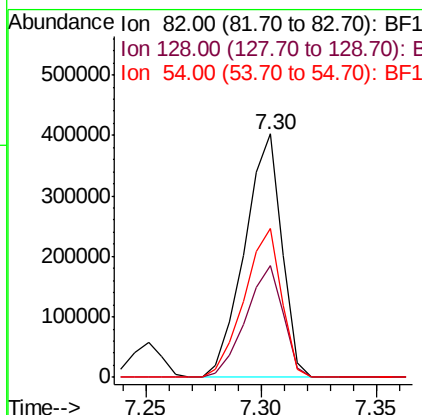
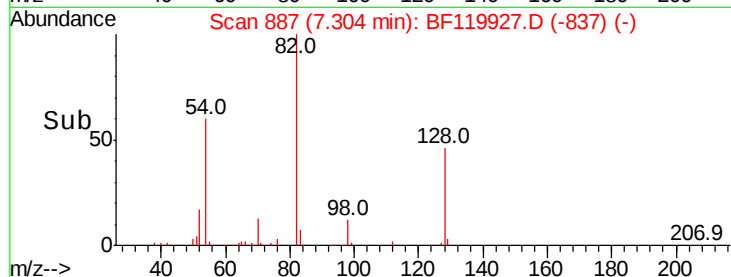
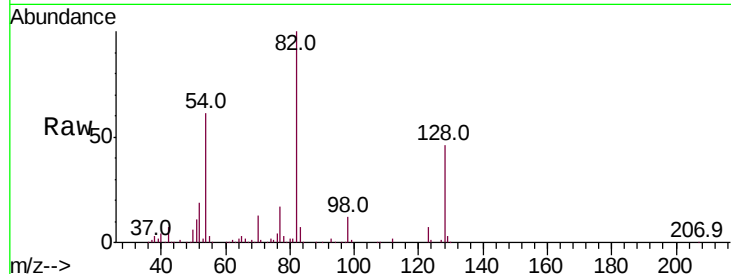
#23  
Nitrobenzene-d5  
Concen: 24.162 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampled :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.8  | 36.2  | 54.4  |
| 54      | 61.0  | 50.4  | 75.6  |

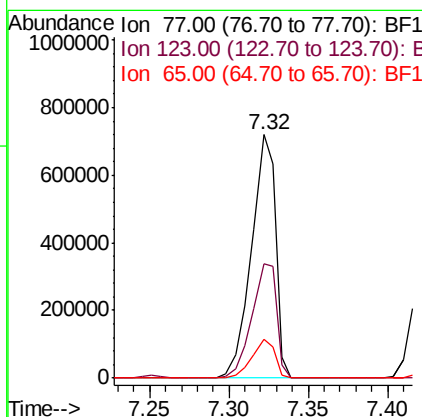
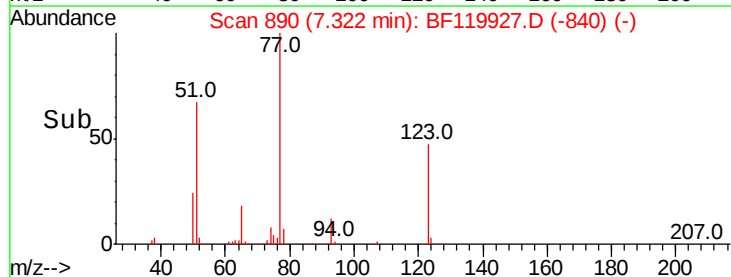
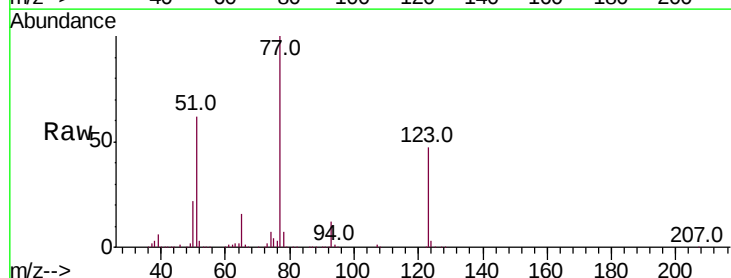
Manual Integrations  
APPROVED

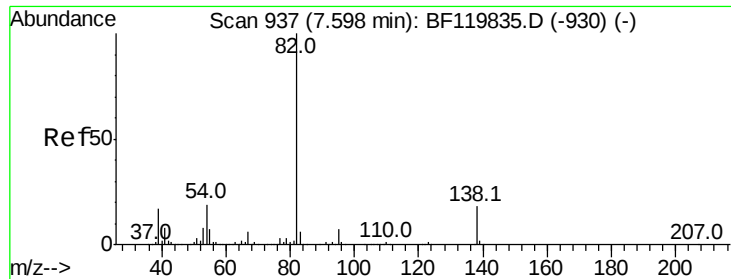
mohammad  
4/14/2020 3:38:09 PM



#24  
Nitrobenzene  
Concen: 40.258 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.2  | 37.8  | 56.8  |
| 65      | 15.7  | 12.2  | 18.2  |





#25

Isophorone

Concen: 38.593 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA\_F

ClientSampleId :

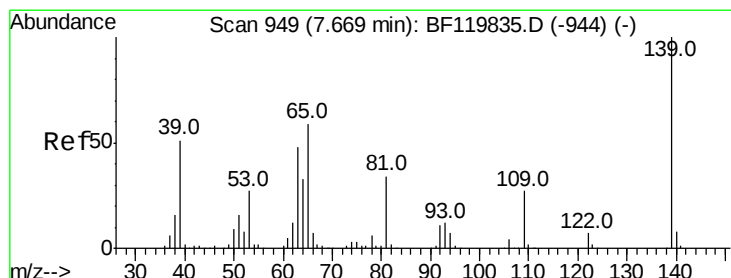
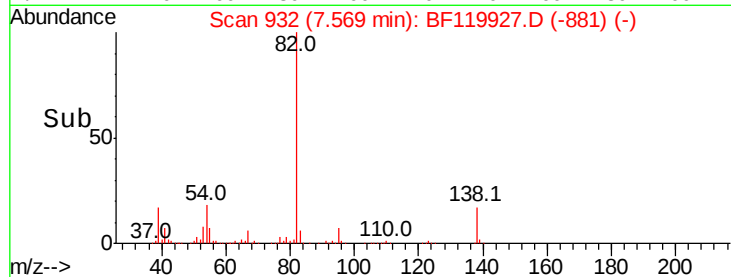
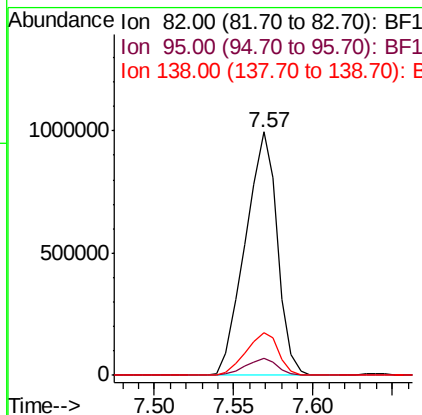
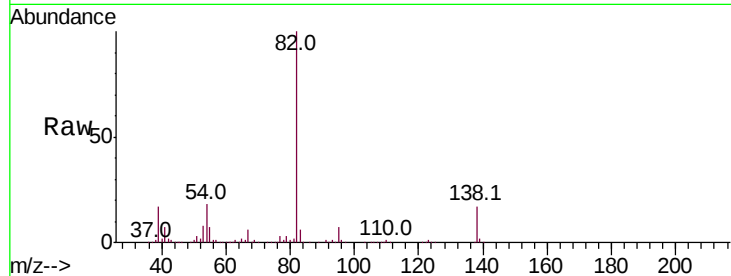
TP-2MSD

Tot Ion: 82 Resp: 1394154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 7.0   | 5.8   | 8.6   |
| 138 | 17.5  | 14.5  | 21.7  |

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#26

2-Nitrophenol

Concen: 41.828 ng

RT: 7.64 min Scan# 944

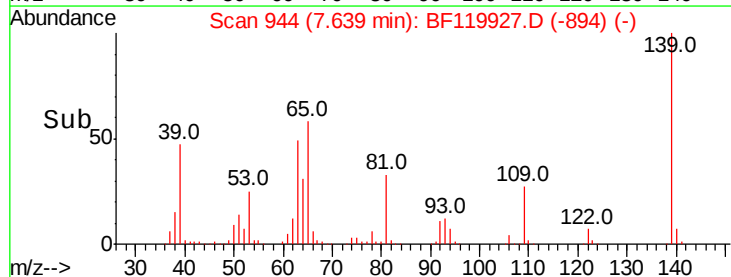
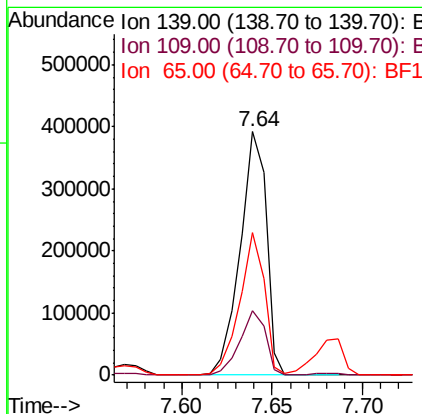
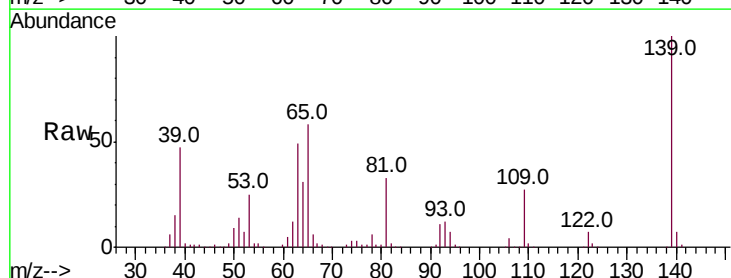
Delta R.T. -0.01 min

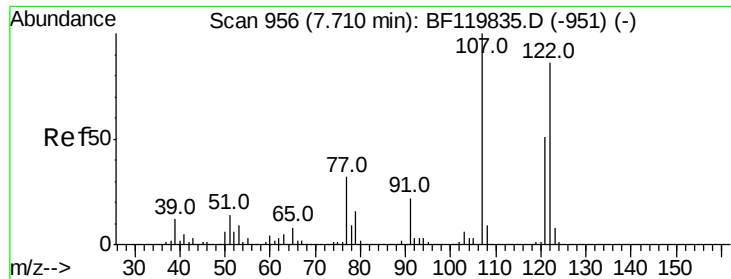
Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Tgt Ion: 139 Resp: 393943

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 26.6  | 21.8  | 32.6  |
| 65  | 58.5  | 47.0  | 70.4  |





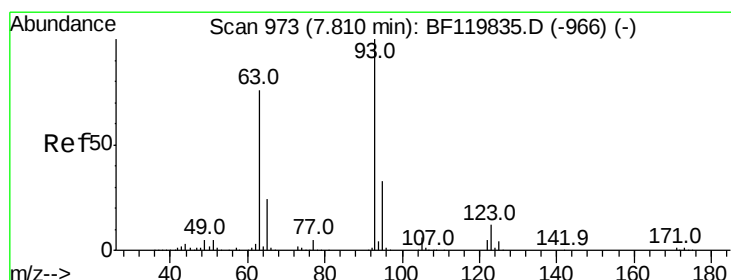
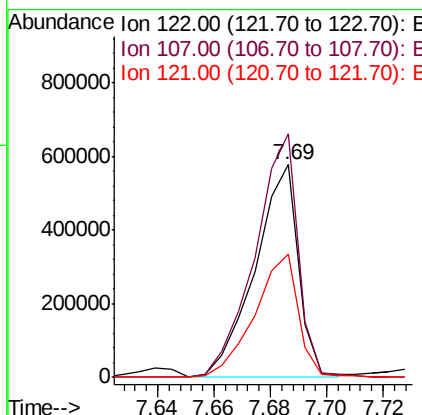
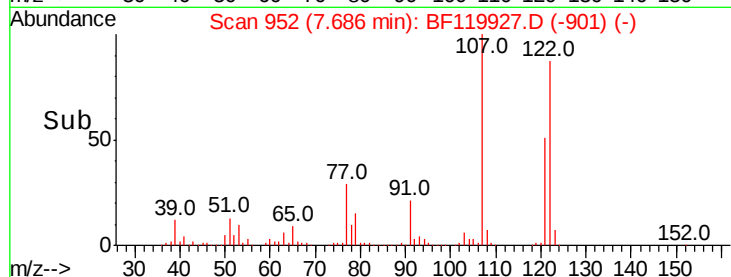
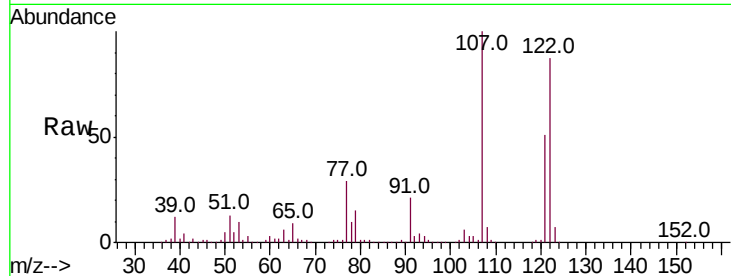
#27  
 2,4-Dimethylphenol  
 Concen: 43.347 ng  
 RT: 7.69 min Scan# 952  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.5 | 92.3  | 138.5 |
| 121     | 57.9  | 46.6  | 70.0  |

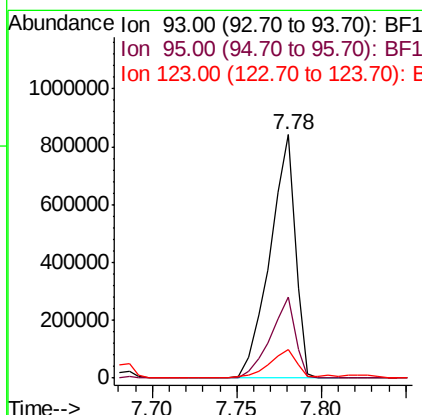
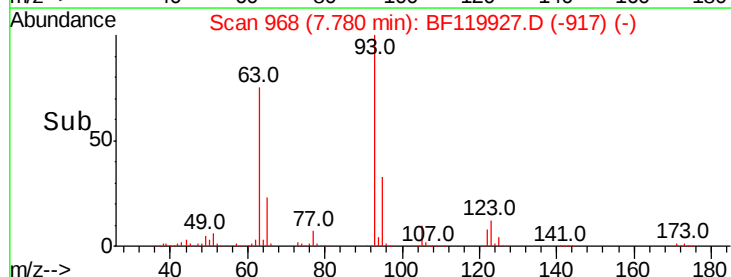
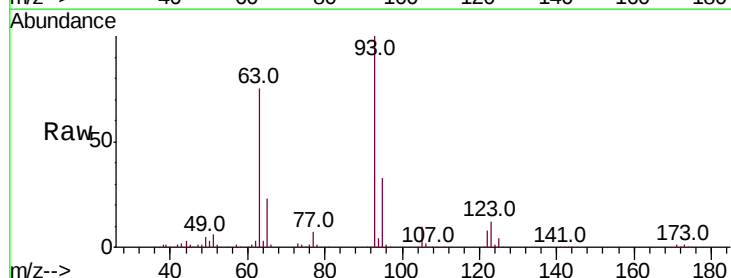
Manual Integrations  
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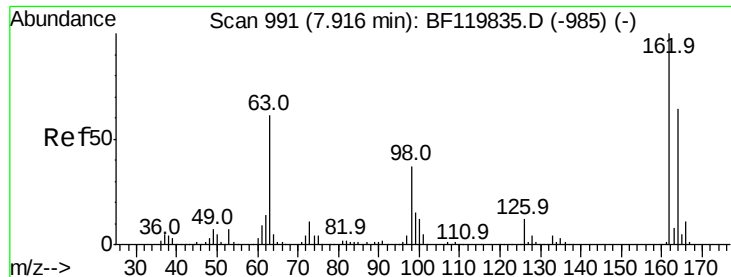
mohammad  
 4/14/2020 3:38:09 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.249 ng  
 RT: 7.78 min Scan# 968  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 26.4  | 39.6  |
| 123     | 11.7  | 9.7   | 14.5  |





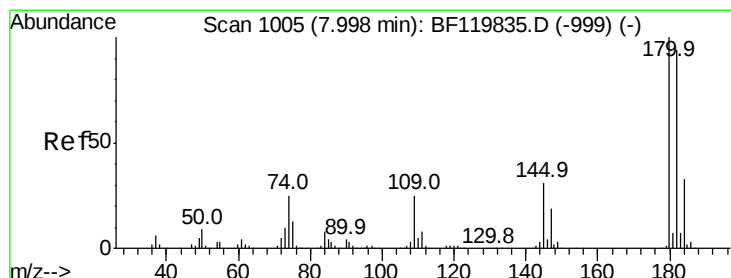
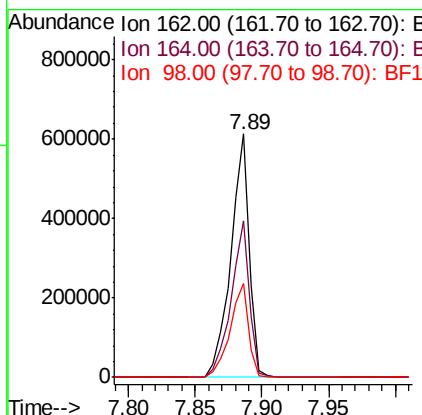
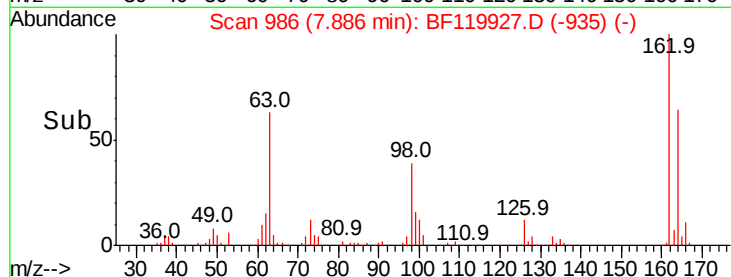
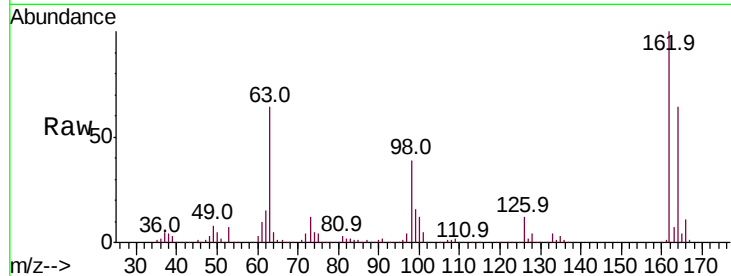
#29  
 2,4-Dichlorophenol  
 Concen: 41.166 ng  
 RT: 7.89 min Scan# 986  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 599368 |       |       |
| 164     | 64.5  | 44.4   | 84.4  |       |
| 98      | 38.7  | 17.3   | 57.3  |       |

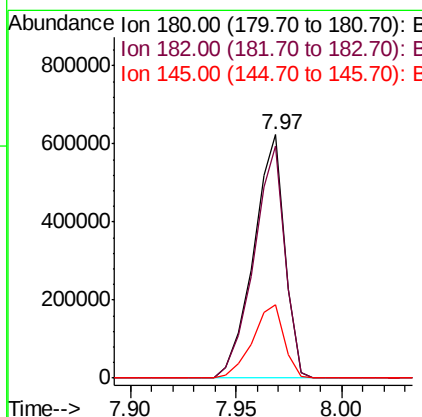
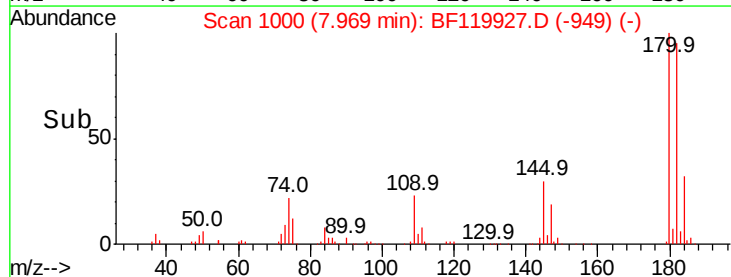
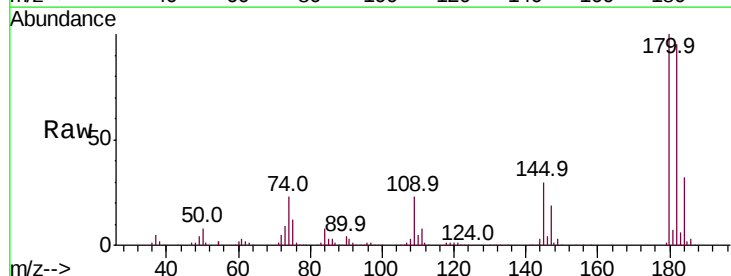
Manual Integrations  
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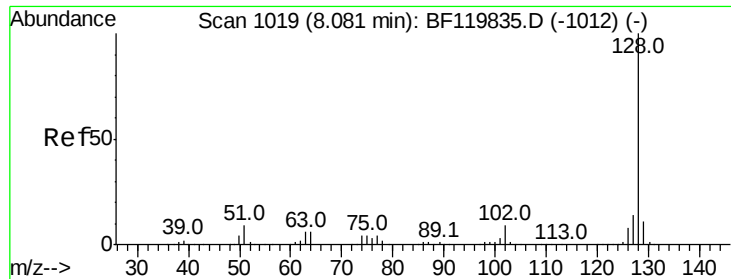
mohammad  
 4/14/2020 3:38:09 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.739 ng  
 RT: 7.97 min Scan# 1000  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 639100 |       |       |
| 182     | 95.2  | 75.4   | 113.0 |       |
| 145     | 30.2  | 24.6   | 37.0  |       |





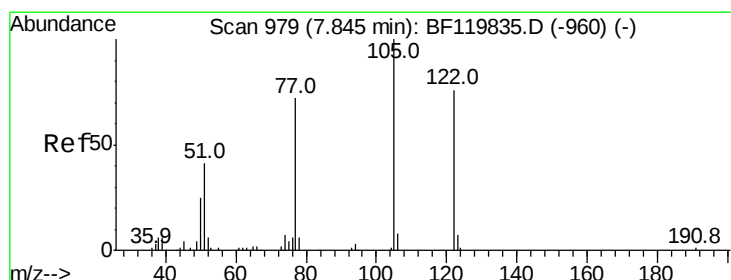
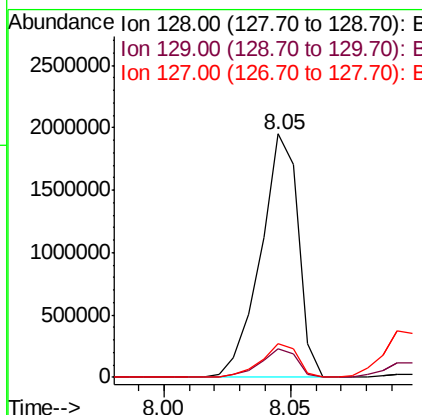
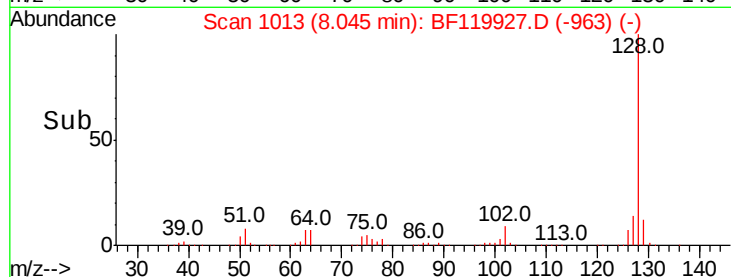
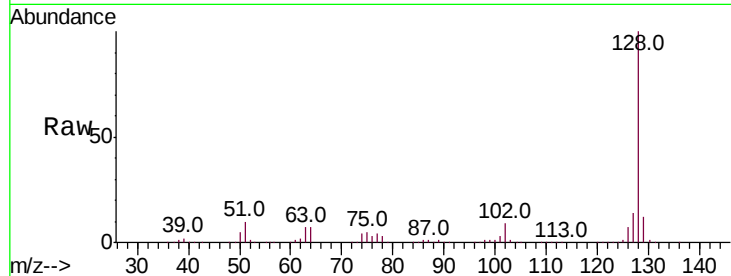
#31  
Naphthalene  
Concen: 39.820 ng  
RT: 8.05 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 9.0   | 13.6  |
| 127     | 13.7  | 11.0  | 16.4  |

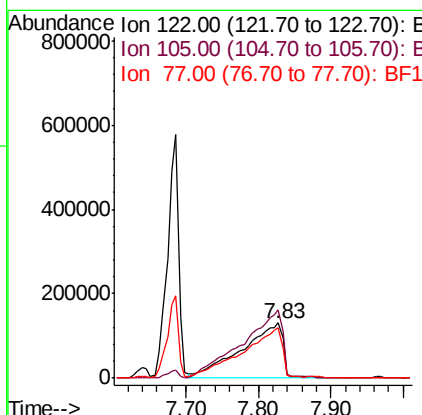
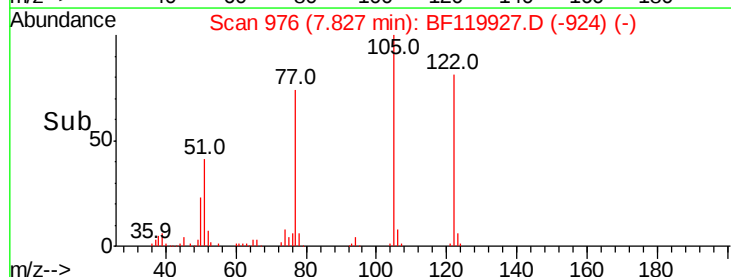
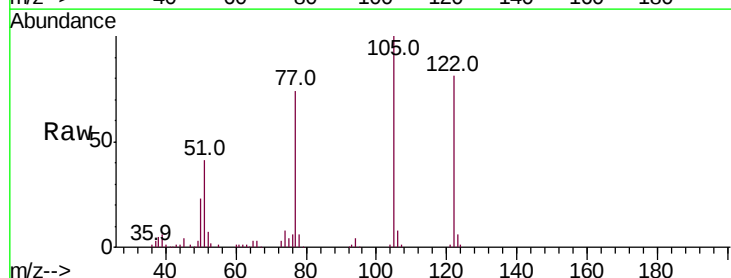
Manual Integrations  
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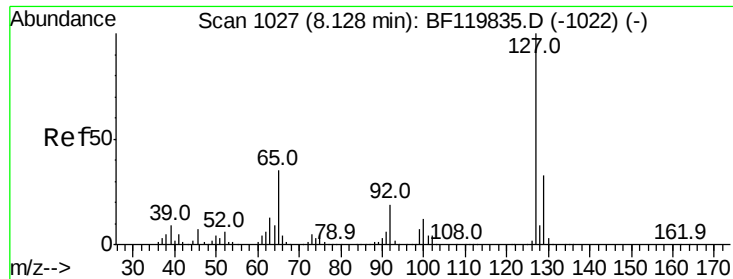
mohammad  
4/14/2020 3:38:09 PM



#32  
Benzoic acid  
Concen: 40.844 ng  
RT: 7.83 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.0 | 106.7 | 146.7 |
| 77      | 91.3  | 72.1  | 112.1 |





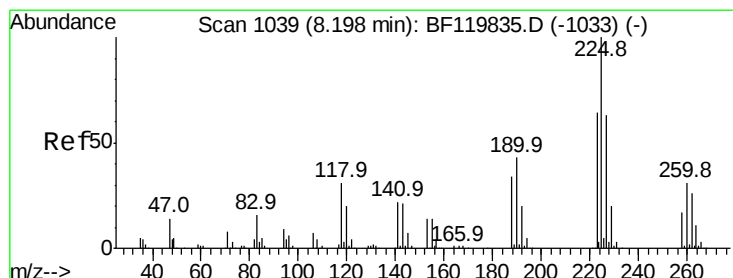
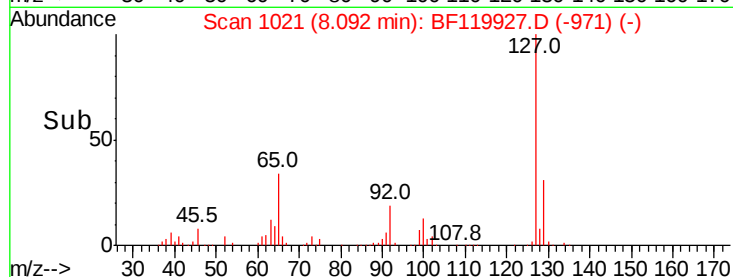
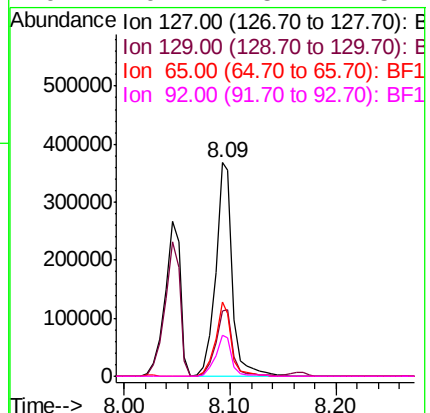
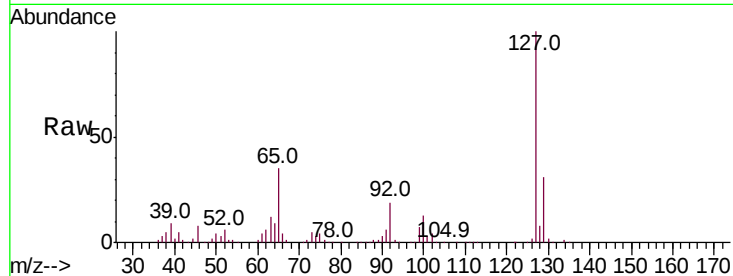
#33  
4-Chloroaniline  
Concen: 18.649 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 414097 |       |       |
| 129     | 30.9  | 26.2   | 39.2  |       |
| 65      | 34.7  | 28.3   | 42.5  |       |
| 92      | 19.4  | 15.4   | 23.2  |       |

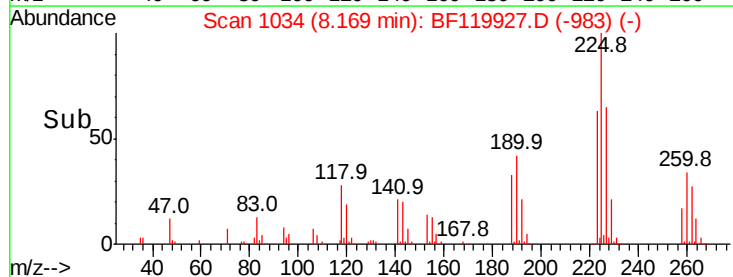
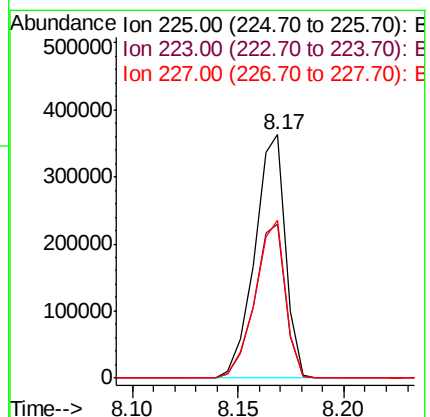
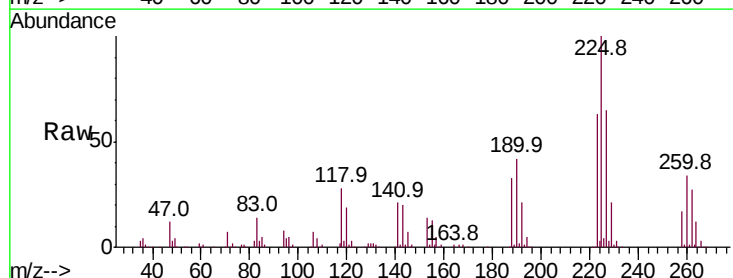
Manual Integrations  
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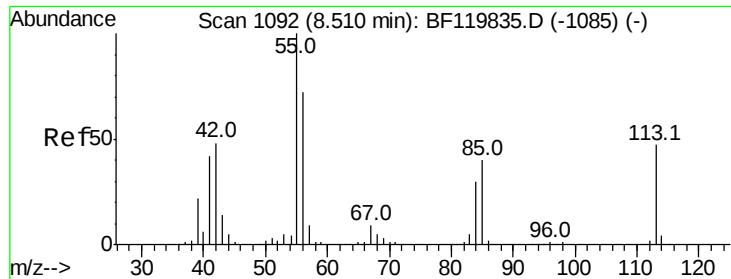
mohammad  
4/14/2020 3:38:09 PM



#34  
Hexachlorobutadiene  
Concen: 37.095 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 366330 |       |       |
| 223     | 63.4  | 51.0   | 76.6  |       |
| 227     | 65.1  | 50.4   | 75.6  |       |





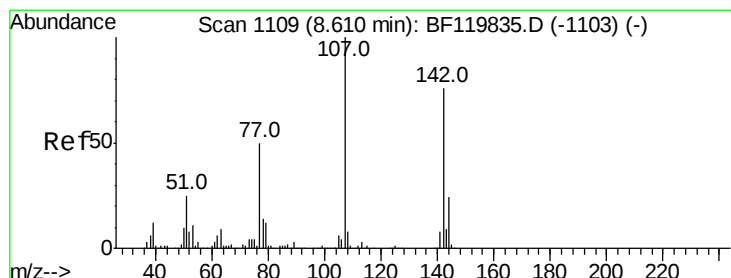
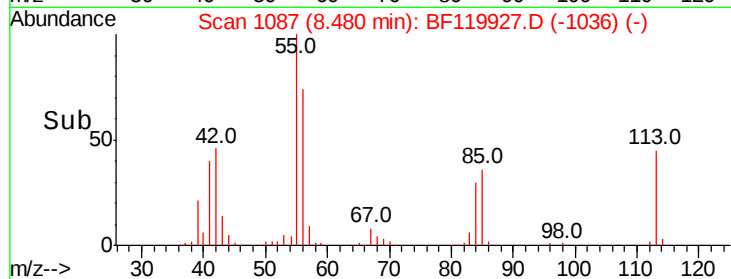
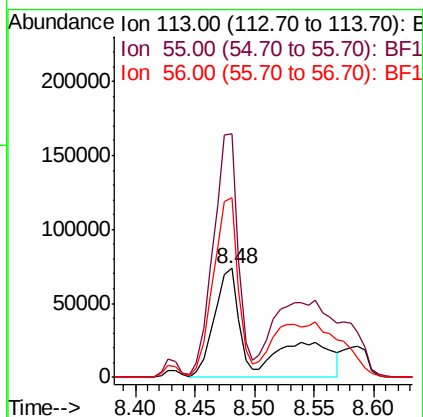
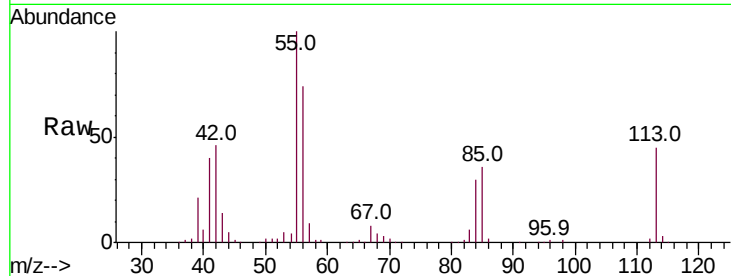
#35  
 Caprolactam  
 Concen: 40.743 ng/ml  
 RT: 8.48 min Scan# 1087  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 113     | 100   |       | 181460 |       |       |
| 55      | 223.9 | 192.7 | 232.7  |       |       |
| 56      | 165.4 | 133.3 | 173.3  |       |       |

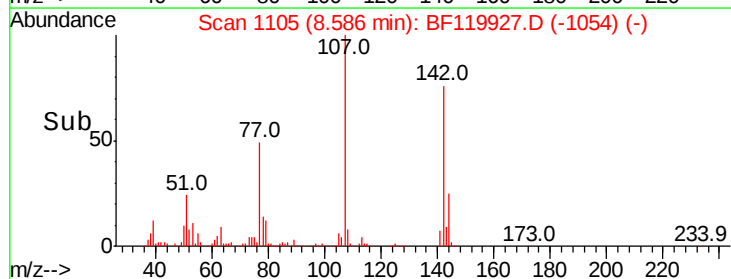
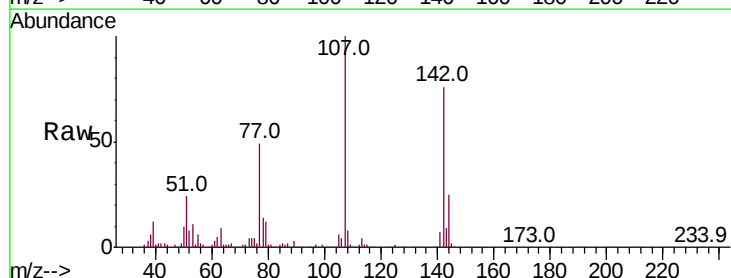
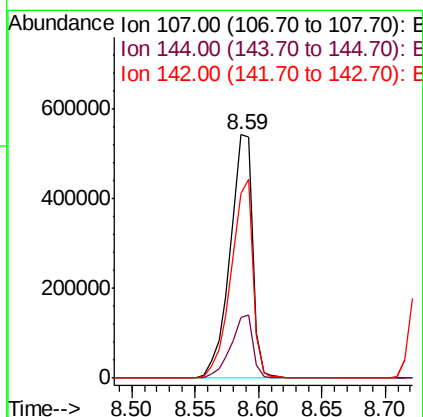
Manual Integrations  
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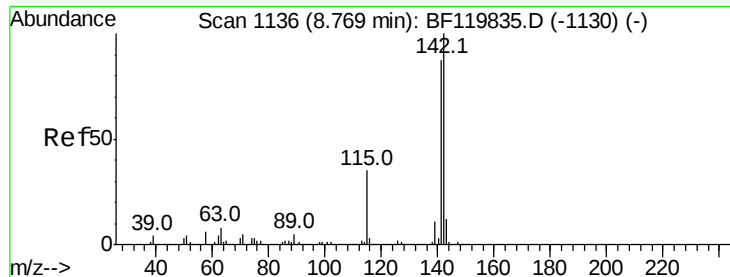
mohammad  
 4/14/2020 3:38:09 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.962 ng/ml  
 RT: 8.59 min Scan# 1105  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 661457 |       |       |
| 144     | 24.8 | 19.5  | 29.3   |       |       |
| 142     | 76.0 | 60.5  | 90.7   |       |       |





#37

2-Methylnaphthalene

Concen: 40.035 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF119927.D

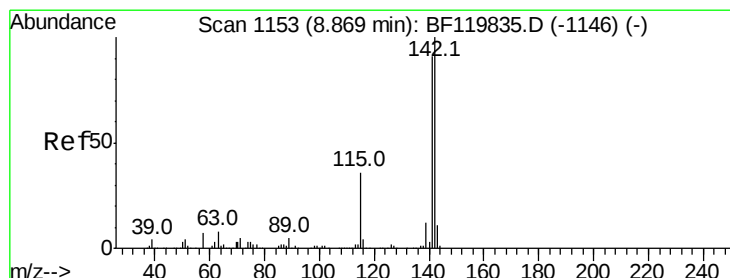
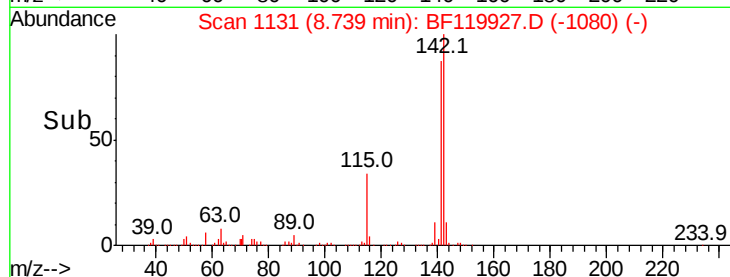
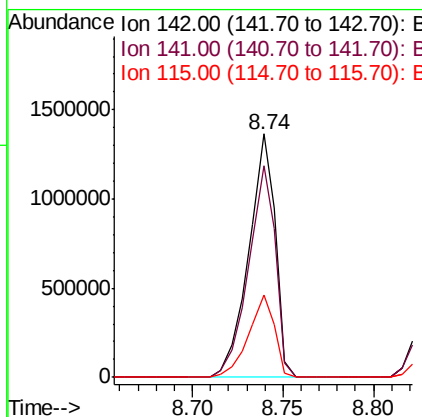
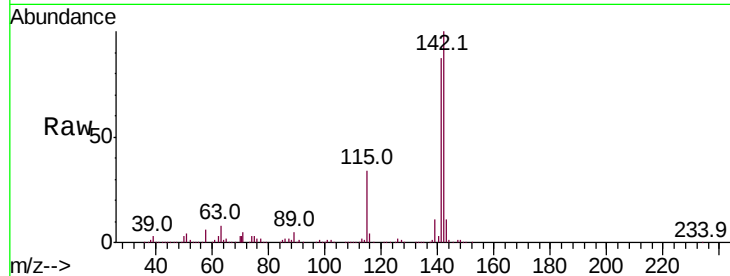
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.0  | 69.9  | 104.9 |
| 115     | 34.0  | 28.0  | 42.0  |

Manual Integrations  
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#38

1-Methylnaphthalene

Concen: 39.617 ng

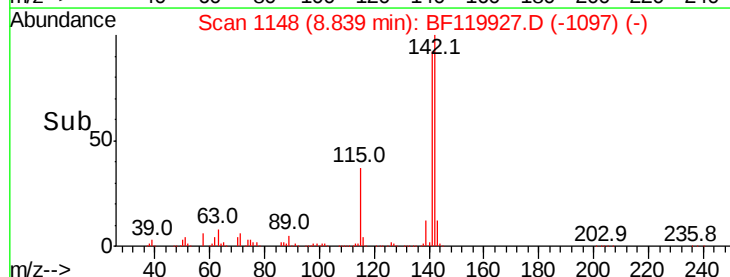
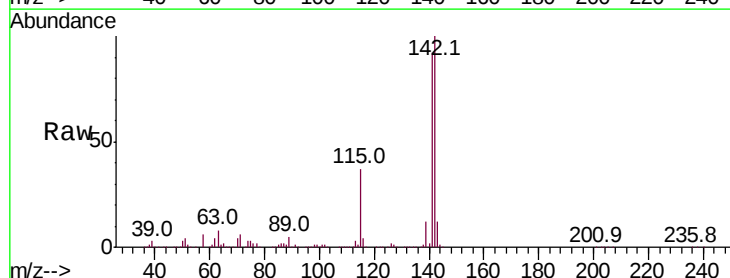
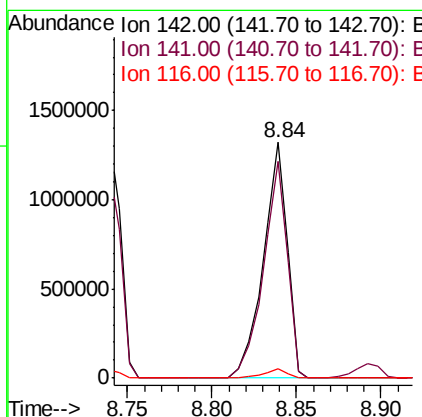
RT: 8.84 min Scan# 1148

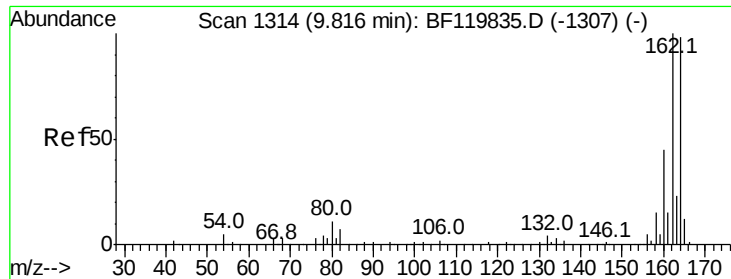
Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 72.9  | 109.3 |
| 116     | 3.7   | 3.0   | 4.6   |





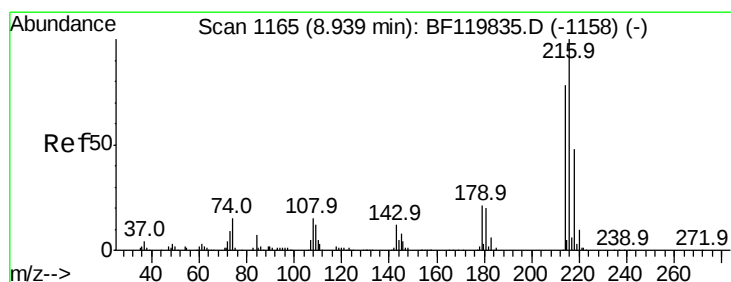
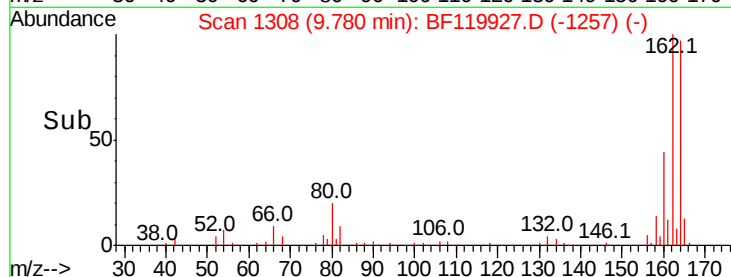
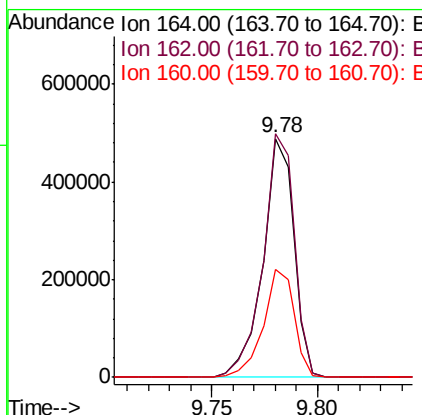
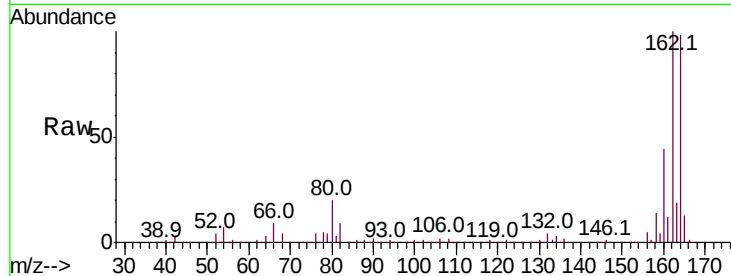
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.78 min Scan# 1308  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 499004 |       |       |
| 162     | 102.0 | 81.9   | 122.9 |       |
| 160     | 45.1  | 36.6   | 54.8  |       |

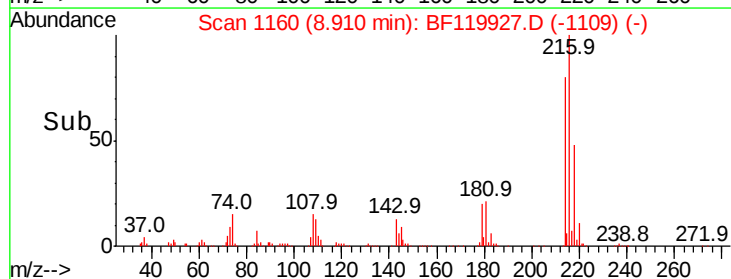
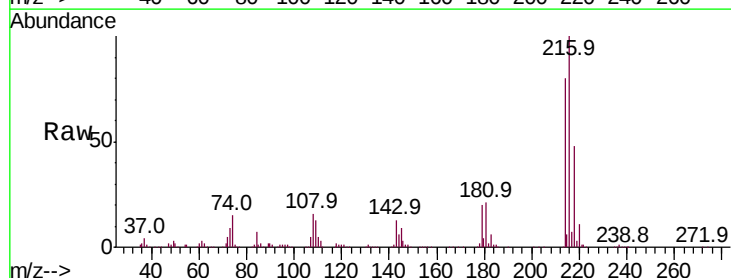
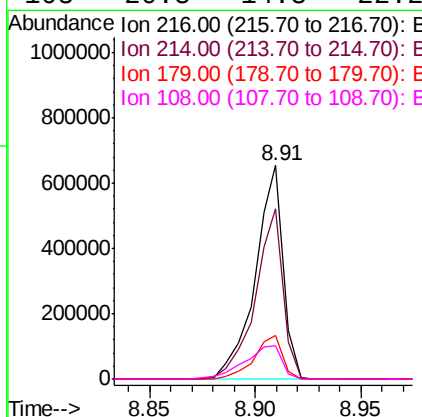
Manual Integrations  
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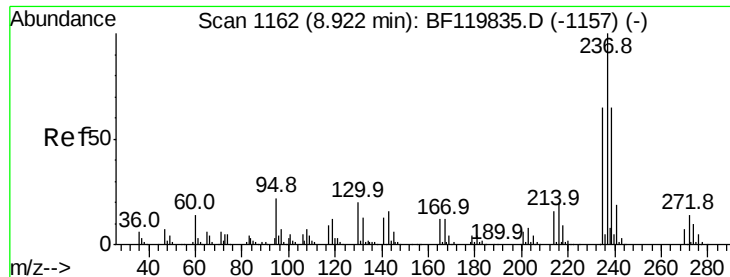
mohammad  
4/14/2020 3:38:09 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.038 ng  
RT: 8.91 min Scan# 1160  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 599509 |       |       |
| 214     | 79.0  | 63.1   | 94.7  |       |
| 179     | 21.1  | 17.0   | 25.4  |       |
| 108     | 20.8  | 14.8   | 22.2  |       |





#41

Hexachlorocyclopentadiene

Concen: 80.112 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA\_F

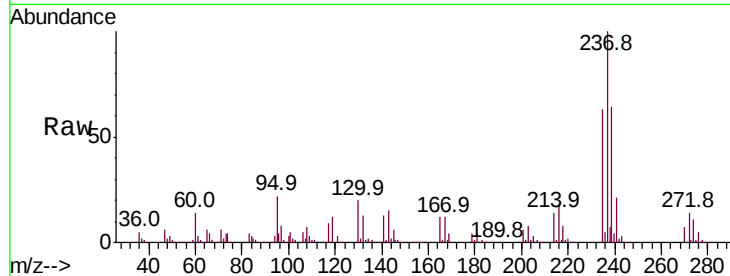
ClientSampleId :

TP-2MSD

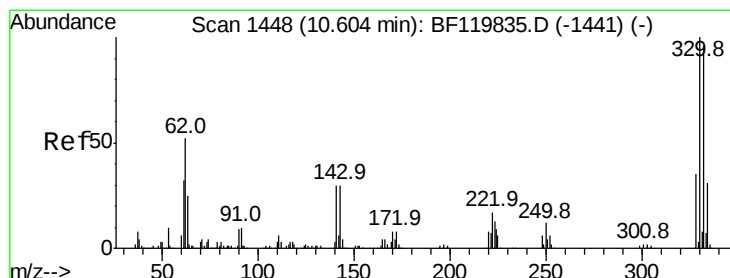
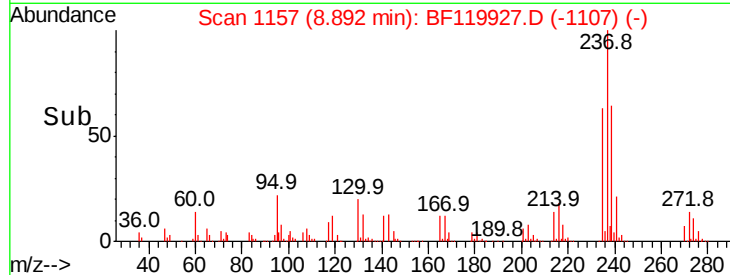
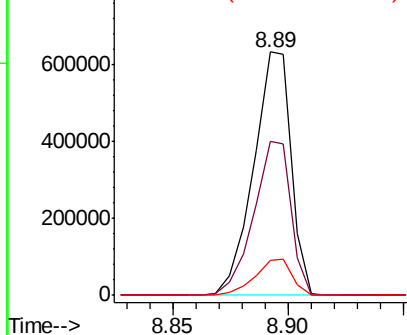
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 717976 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.4  | 44.9  | 84.9   |
| 272       | 14.2  | 0.0   | 33.6   |

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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: 63.451 ng

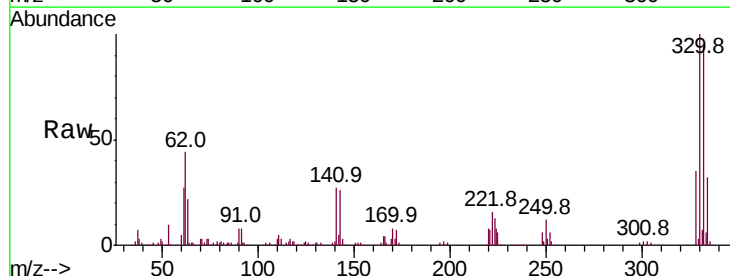
RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

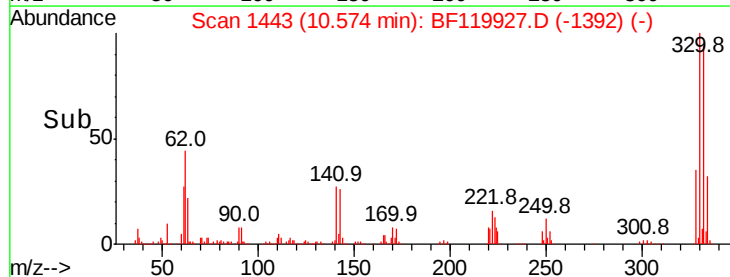
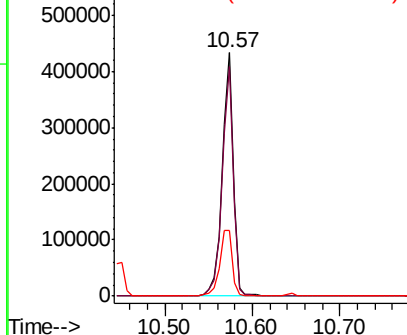
Lab File: BF119927.D

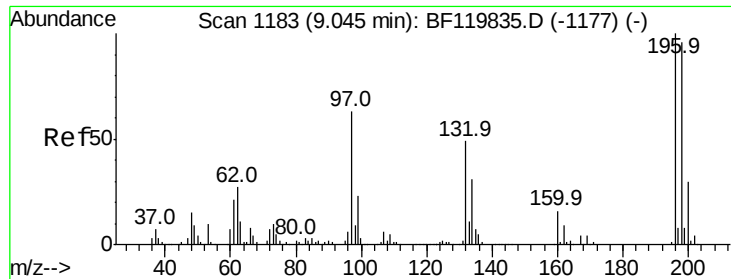
Acq: 13 Apr 2020 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 387652 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.4  | 76.8  | 115.2  |
| 141       | 30.6  | 25.1  | 37.7   |



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





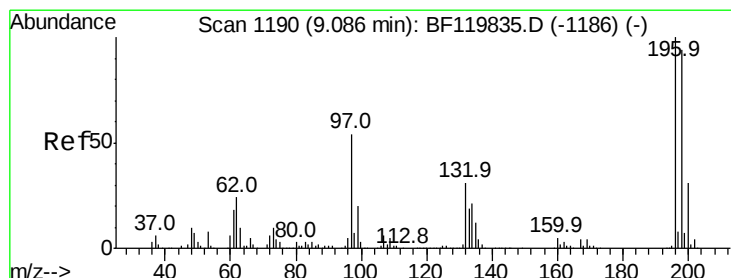
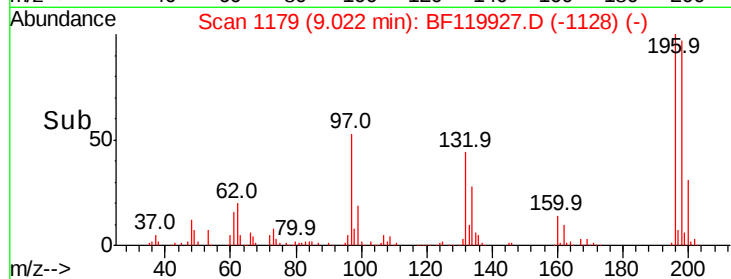
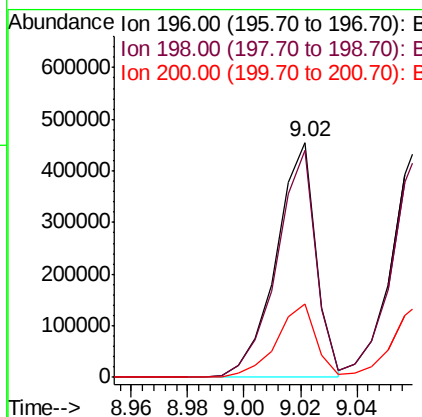
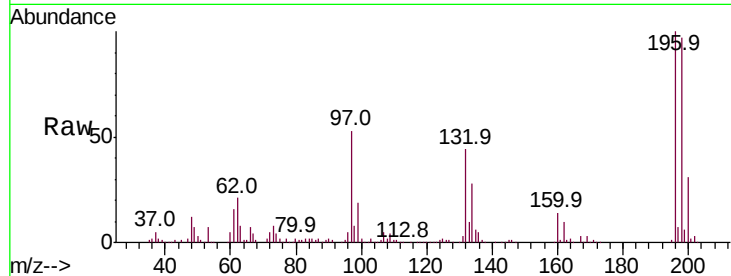
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.925 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 445400 |       |       |
| 198     | 96.7  | 76.6   | 115.0 |       |
| 200     | 31.2  | 24.2   | 36.2  |       |

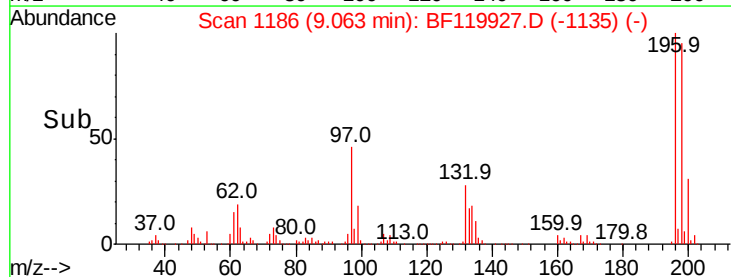
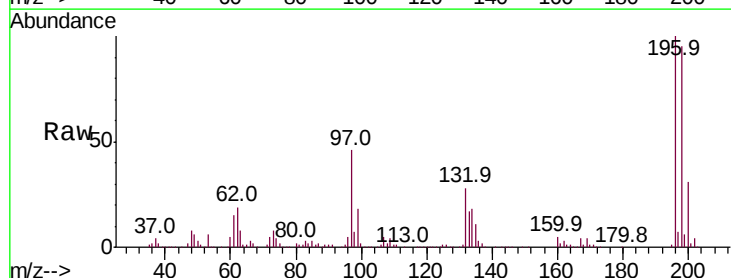
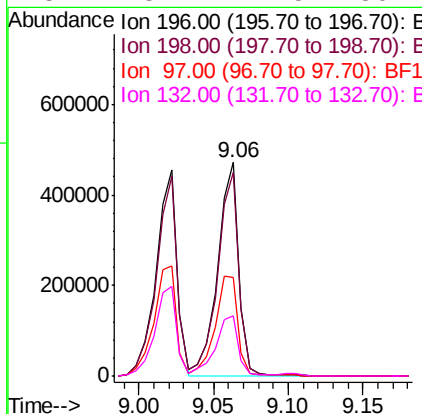
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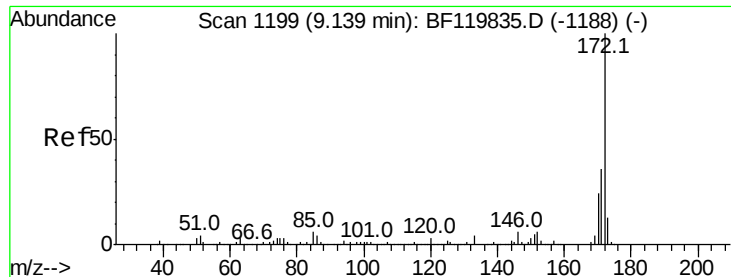
mohammad  
 4/14/2020 3:38:09 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.077 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 466750 |       |       |
| 198     | 95.1  | 75.1   | 112.7 |       |
| 97      | 46.1  | 43.4   | 65.2  |       |
| 132     | 28.2  | 24.5   | 36.7  |       |





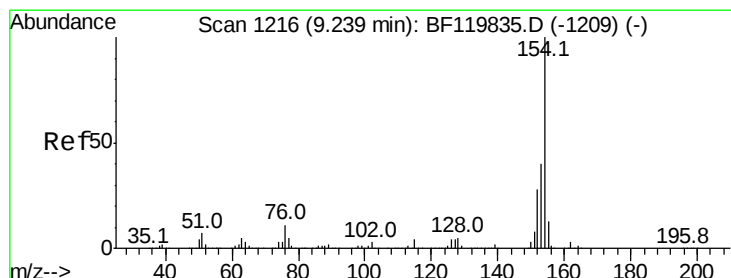
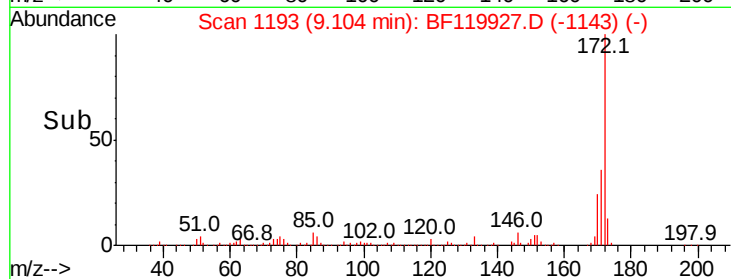
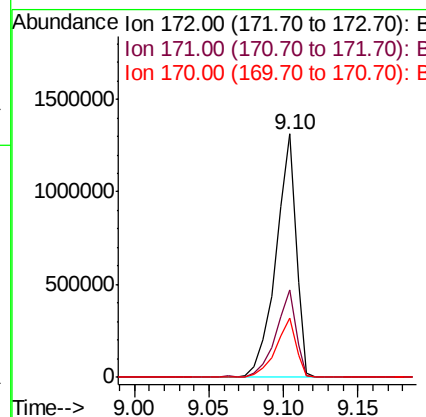
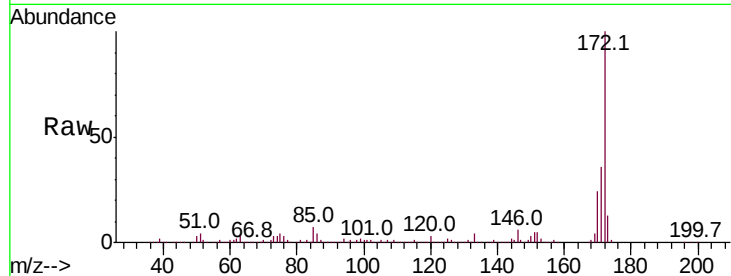
#45  
 2-Fluorobiphenyl  
 Concen: 34.968 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 28.9  | 43.3  |
| 170     | 24.4  | 19.4  | 29.2  |

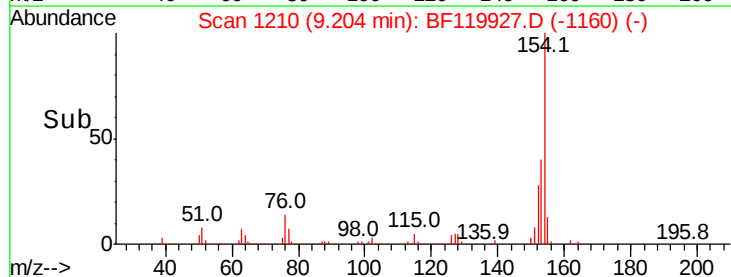
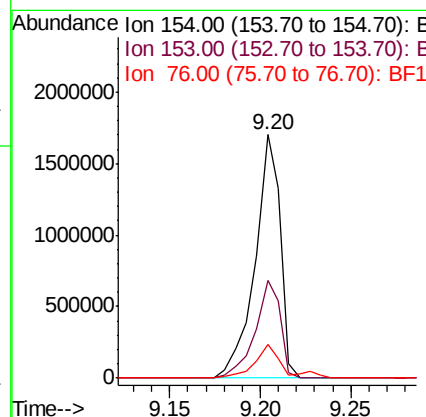
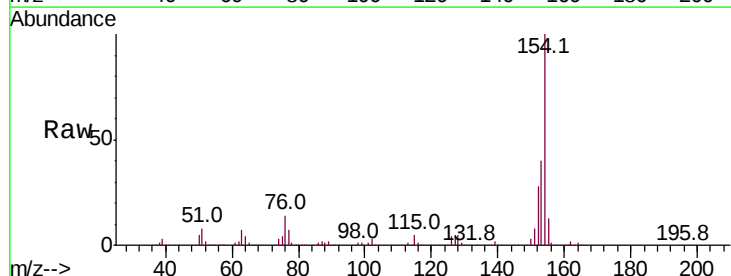
Manual Integrations  
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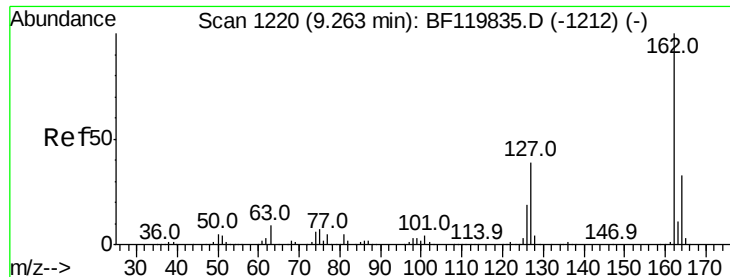
mohammad  
 4/14/2020 3:38:09 PM



#46  
 1,1'-Biphenyl  
 Concen: 38.897 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 20.5  | 60.5  |
| 76      | 13.7  | 0.0   | 30.6  |





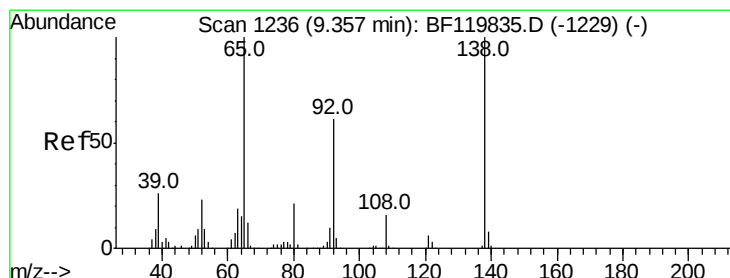
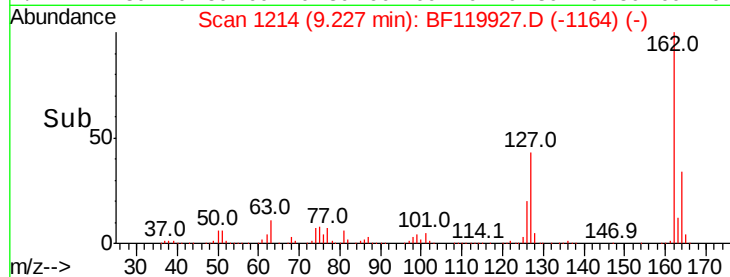
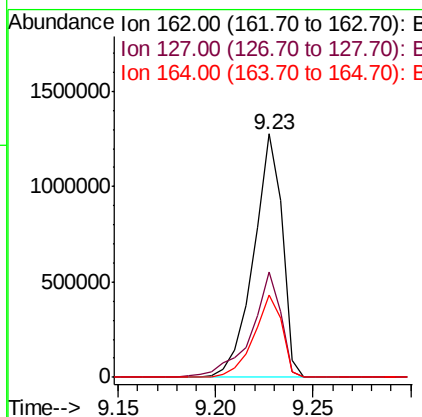
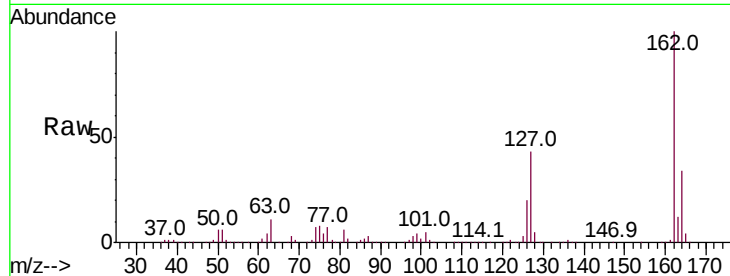
#47  
2-Chloronaphthalene  
Concen: 39.766 ng  
RT: 9.23 min Scan# 1214  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 43.2  | 31.2  | 46.8  |
| 164     | 33.8  | 26.3  | 39.5  |

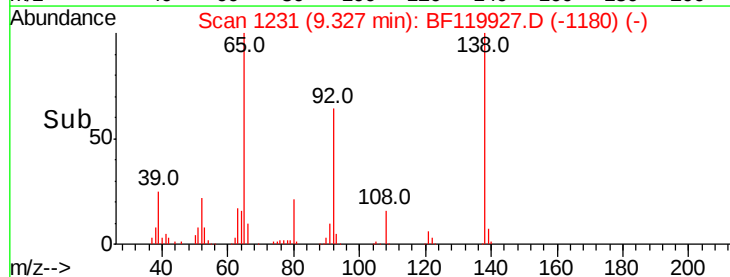
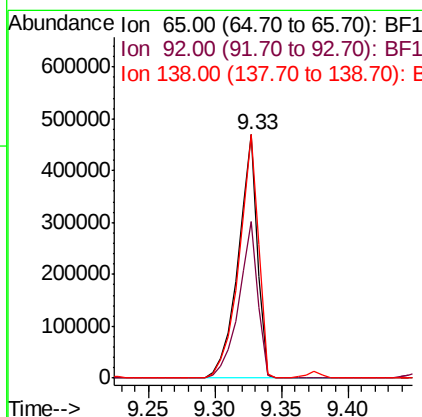
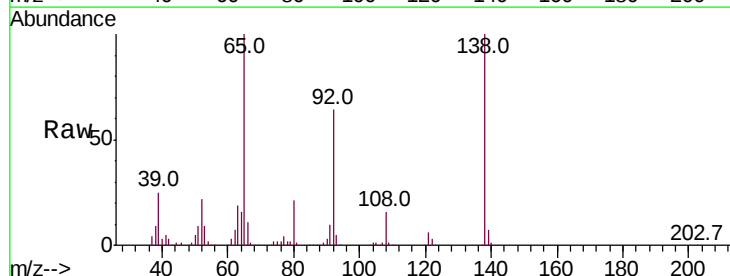
Manual Integrations  
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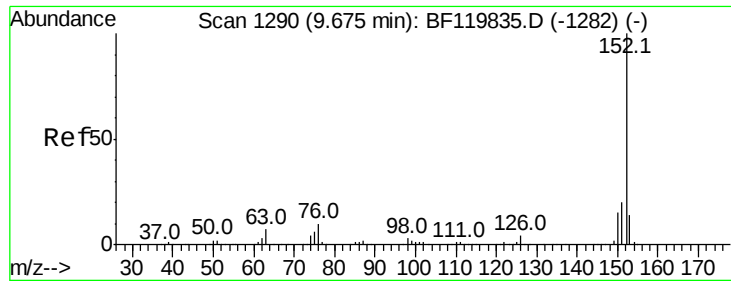
mohammad  
4/14/2020 3:38:09 PM



#48  
2-Nitroaniline  
Concen: 40.048 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.2  | 49.0  | 73.6  |
| 138     | 99.9  | 79.7  | 119.5 |





#49

Acenaphthylene

Concen: 41.446 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA\_F

ClientSampled :

TP-2MSD

Tot Ion:152 Resp: 2045119

Ion Ratio Lower Upper

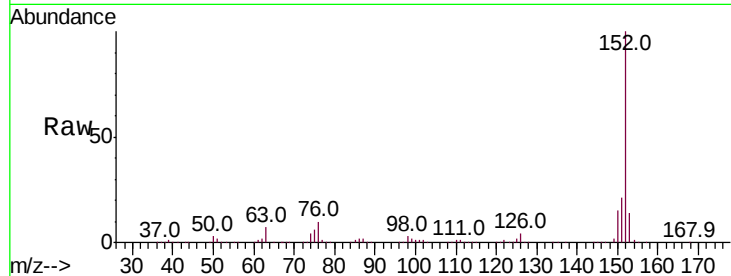
152 100

151 21.1 16.2 24.4

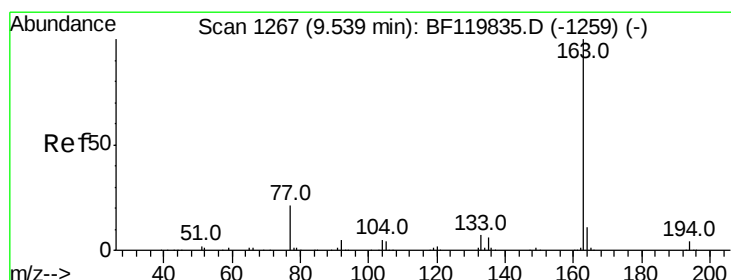
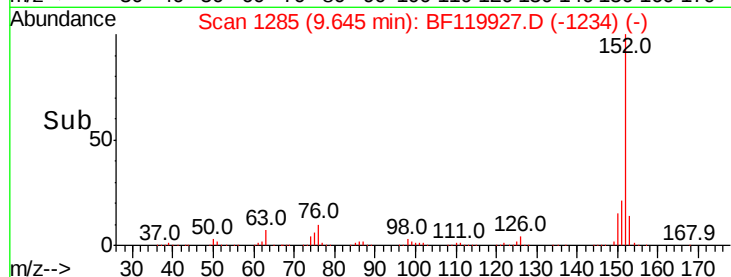
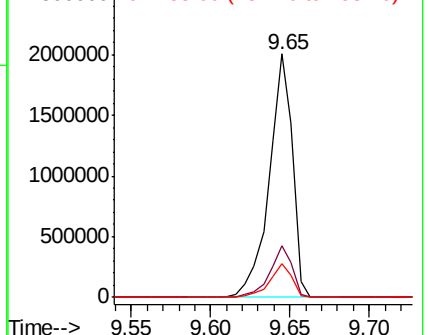
153 13.7 10.9 16.3

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



#50

Dimethylphthalate

Concen: 42.696 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

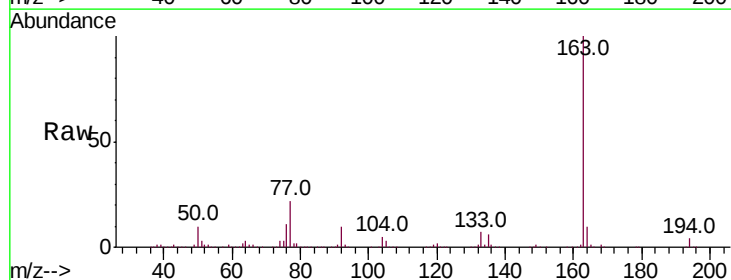
Tgt Ion:163 Resp: 1647939

Ion Ratio Lower Upper

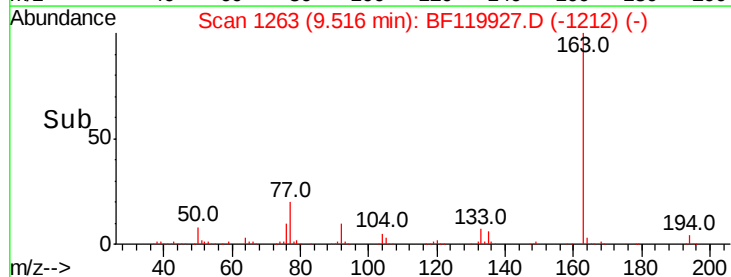
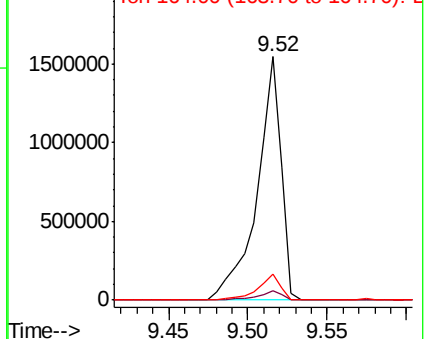
163 100

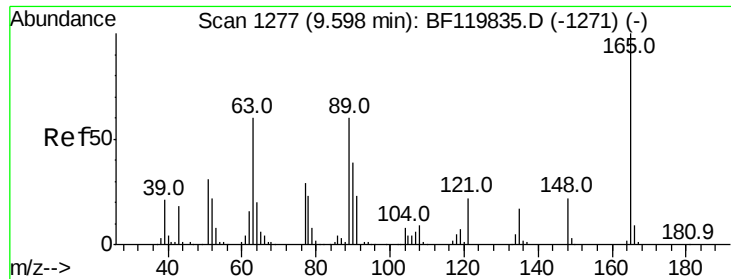
194 3.9 3.0 4.4

164 10.4 8.4 12.6



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





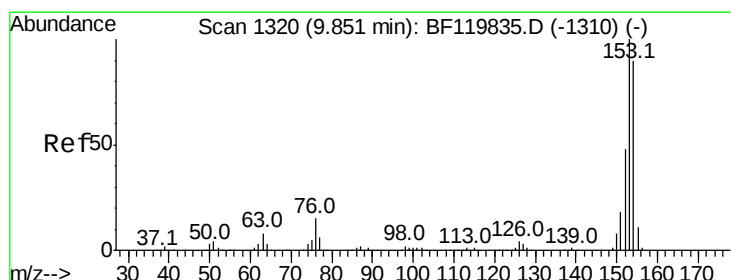
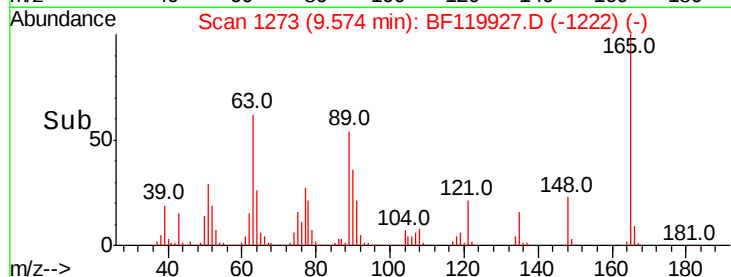
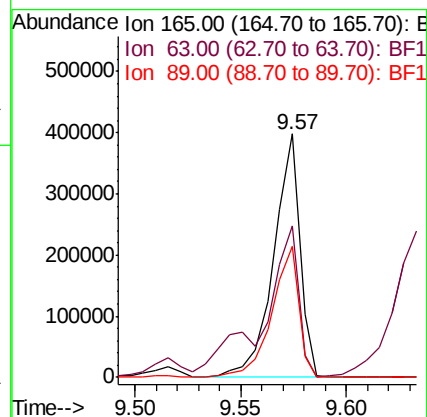
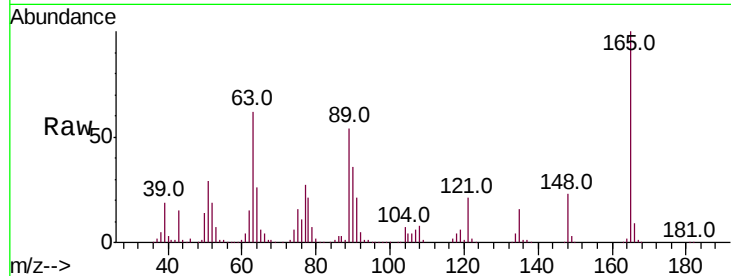
#51  
2,6-Dinitrotoluene  
Concen: 40.905 ng  
RT: 9.57 min Scan# 1273  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampled :  
TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 345735 |       |       |
| 63      | 62.2  | 55.6   | 83.4  |       |
| 89      | 53.6  | 47.9   | 71.9  |       |

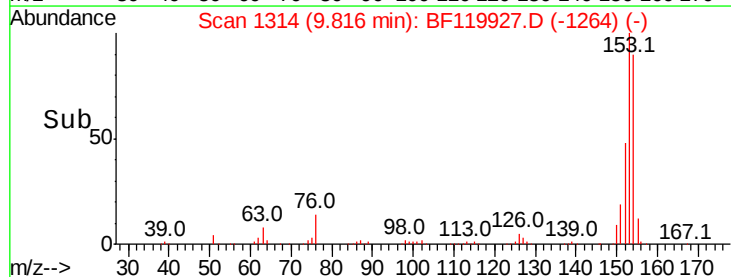
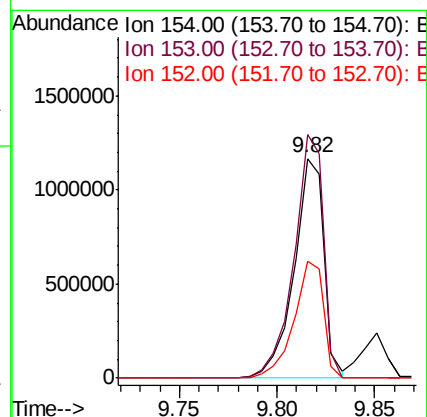
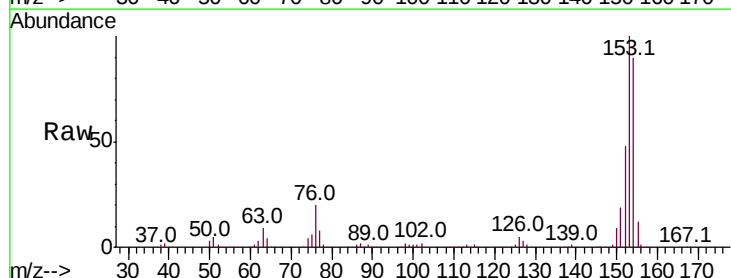
Manual Integrations  
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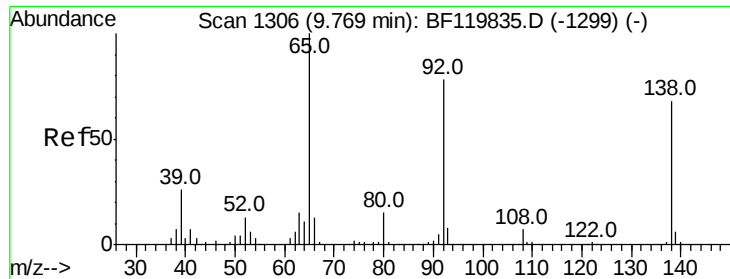
mohammad  
4/14/2020 3:38:09 PM



#52  
Acenaphthene  
Concen: 37.420 ng  
RT: 9.82 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1231708 |       |       |
| 153     | 110.9 | 88.8    | 133.2 |       |
| 152     | 53.3  | 42.4    | 63.6  |       |





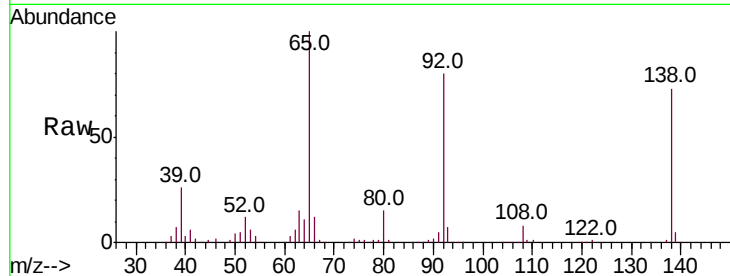
#53  
3-Nitroaniline  
Concen: 23.648 ng  
RT: 9.74 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 8.0   | 12.0  |
| 92      | 109.4 | 92.1  | 138.1 |

Manual Integrations  
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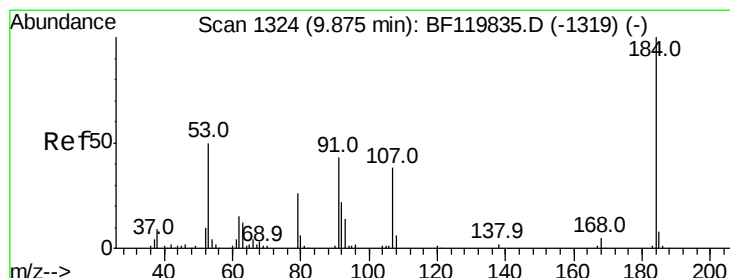
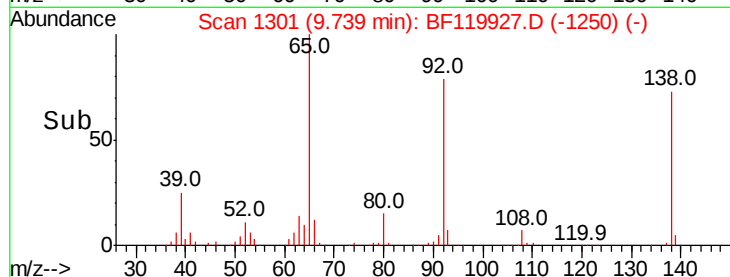
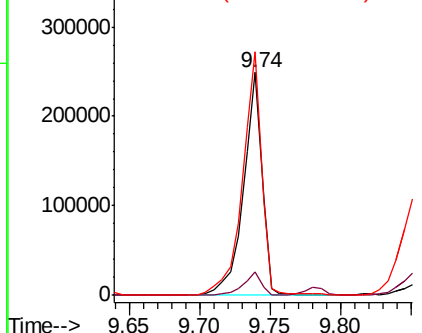


Abundance

Ion 138.00 (137.70 to 138.70): E

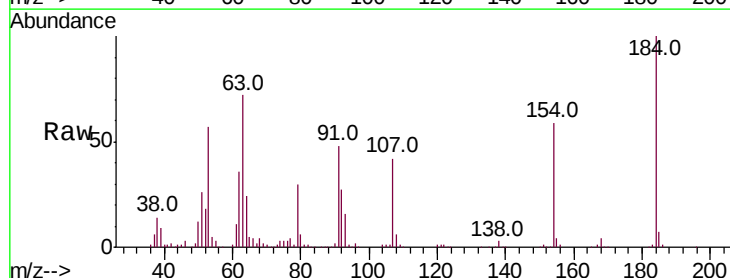
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 82.934 ng  
RT: 9.85 min Scan# 1320  
Delta R.T. 0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 72.2  | 49.8  | 74.6  |
| 154     | 58.9  | 46.5  | 69.7  |

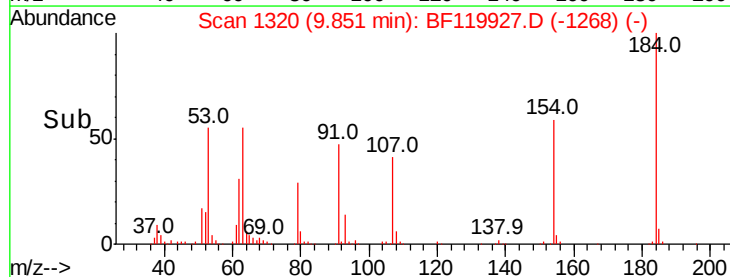
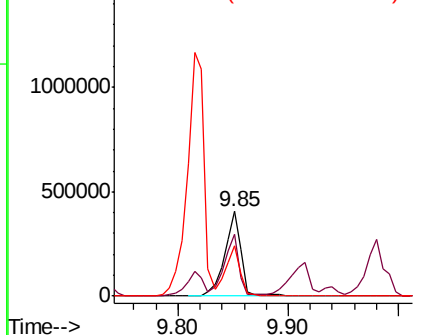


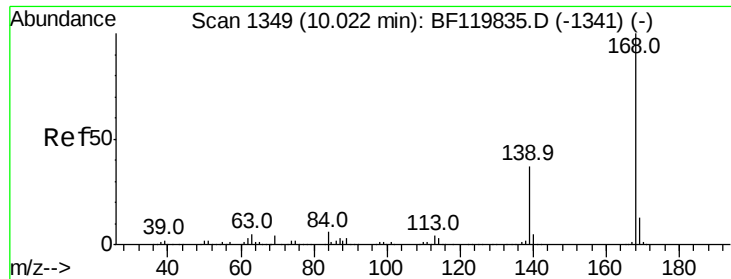
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





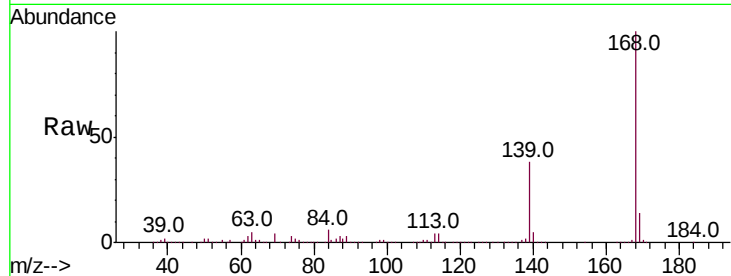
#55  
Dibenzofuran  
Concen: 39.950 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampled :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.0  | 29.8  | 44.6  |
| 169     | 14.0  | 10.6  | 15.8  |

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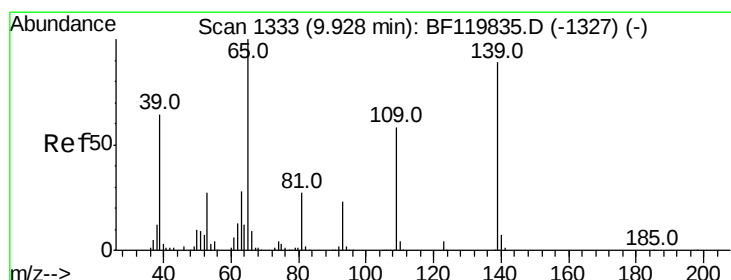
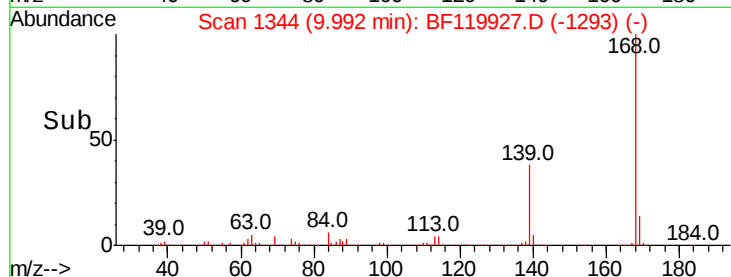
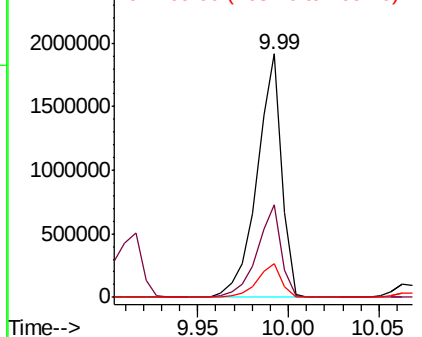


Abundance

Ion 168.00 (167.70 to 168.70): E

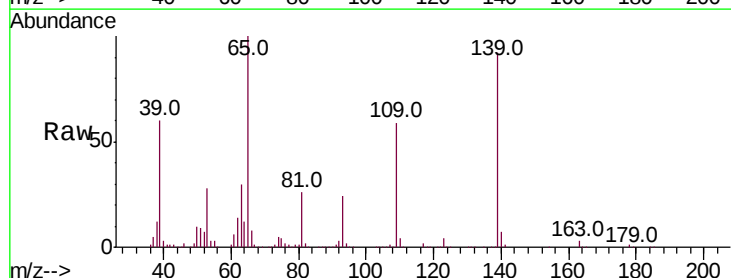
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 81.979 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 64.2  | 45.5  | 85.5  |
| 65      | 109.2 | 92.3  | 132.3 |

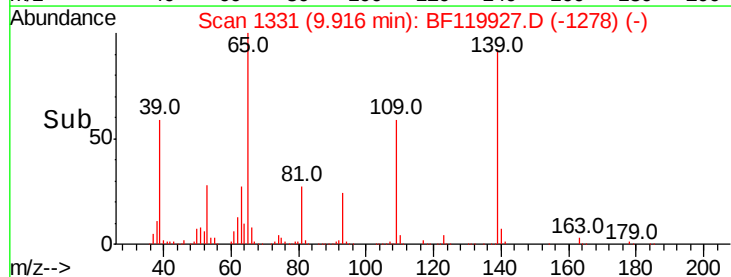
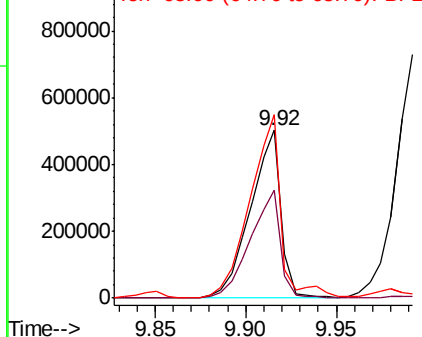


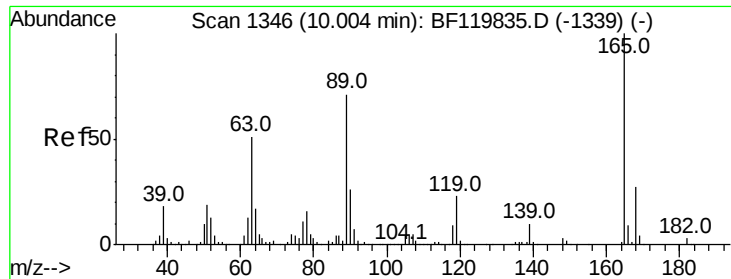
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





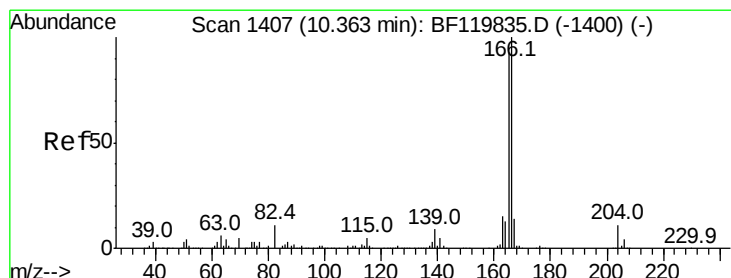
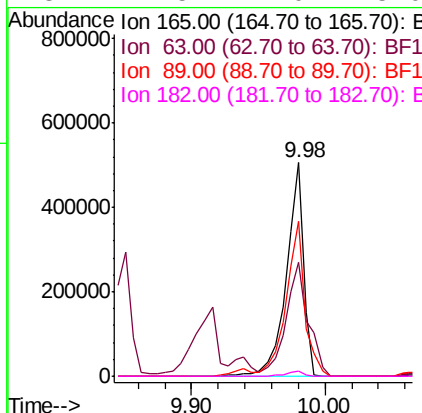
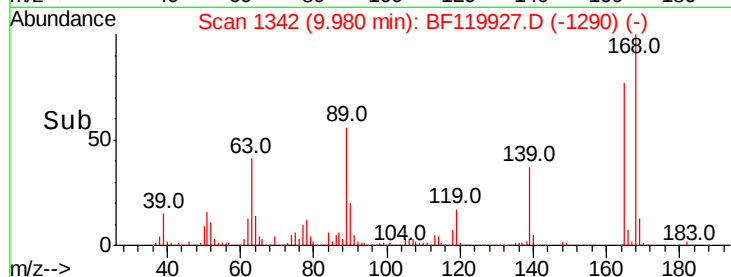
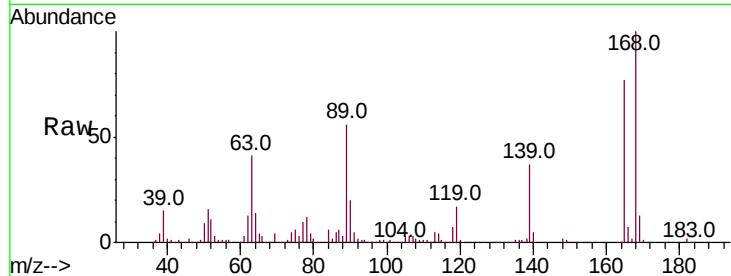
#57  
 2,4-Dinitrotoluene  
 Concen: 41.314 ng  
 RT: 9.98 min Scan# 1342  
 Delta R.T. 0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 460063 |       |       |
| 63      | 53.3  | 40.8   | 61.2  |       |
| 89      | 72.8  | 56.9   | 85.3  |       |
| 182     | 2.5   | 2.0    | 3.0   |       |

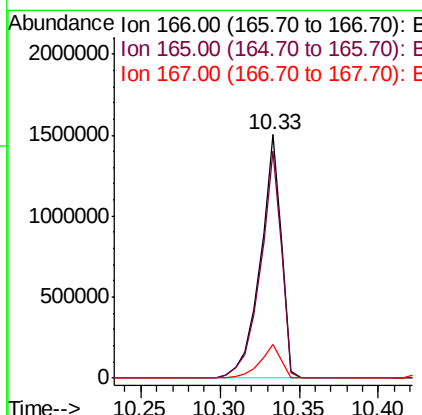
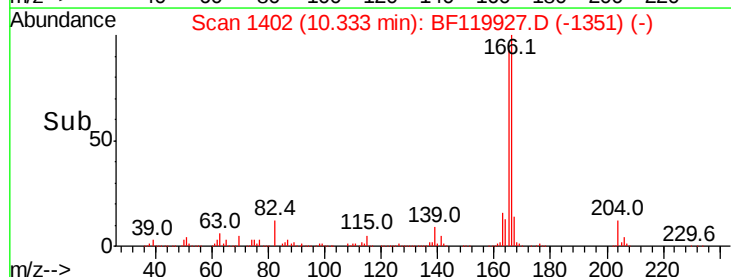
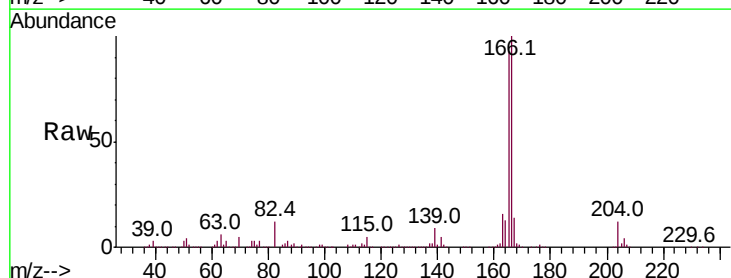
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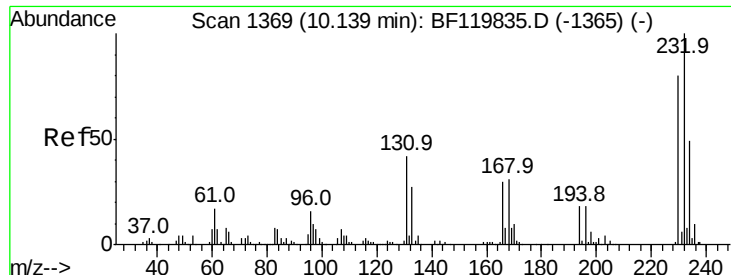
mohammad  
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#58  
 Fluorene  
 Concen: 38.401 ng  
 RT: 10.33 min Scan# 1402  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1387187 |       |       |
| 165     | 93.1  | 74.2    | 111.2 |       |
| 167     | 13.7  | 10.8    | 16.2  |       |





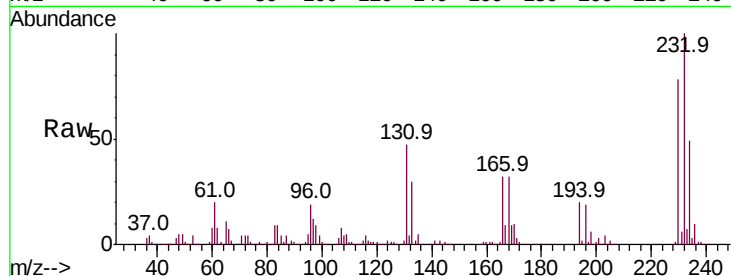
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.453 ng  
 RT: 10.11 min Scan# 1364  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 388630 |       |       |
| 131     | 47.0  |        | 37.9  | 56.9  |
| 130     | 2.2   |        | 1.8   | 2.6   |
| 166     | 31.0  |        | 25.4  | 38.0  |

Manual Integrations  
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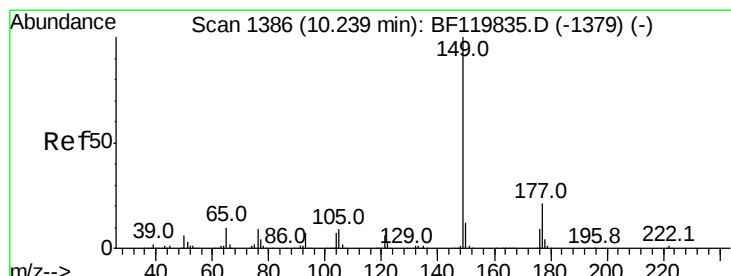
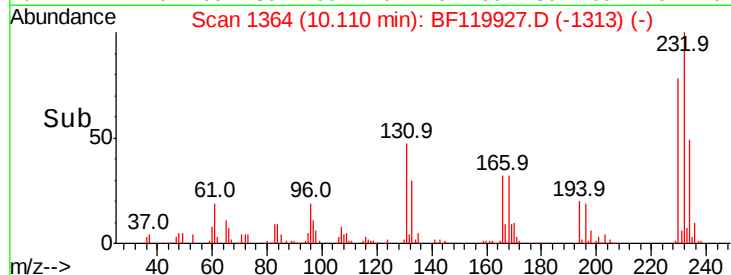
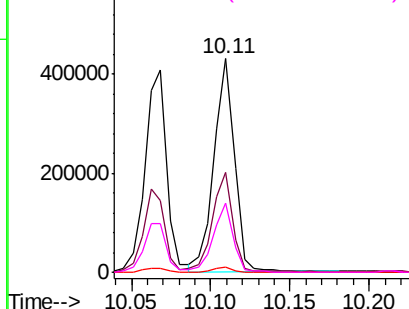
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

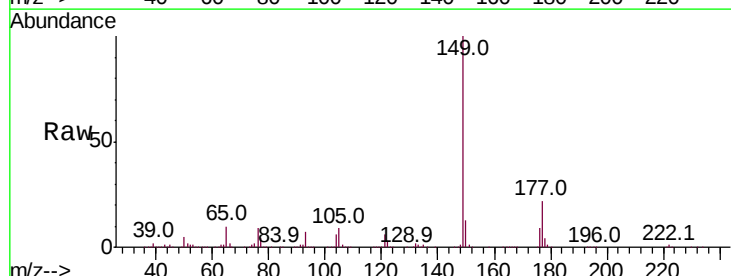
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 38.818 ng  
 RT: 10.22 min Scan# 1382  
 Delta R.T. 0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1552853 |       |       |
| 177     | 21.9  |         | 16.8  | 25.2  |
| 150     | 12.7  |         | 9.8   | 14.6  |

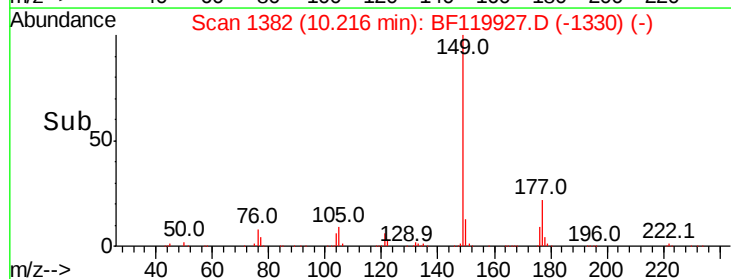
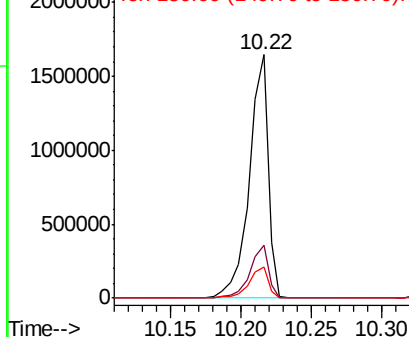


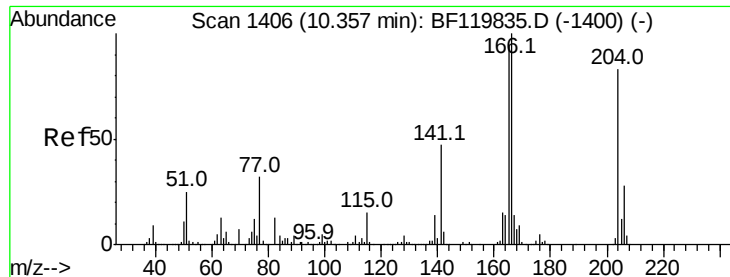
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





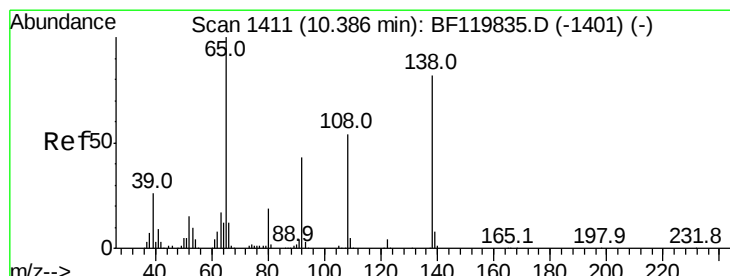
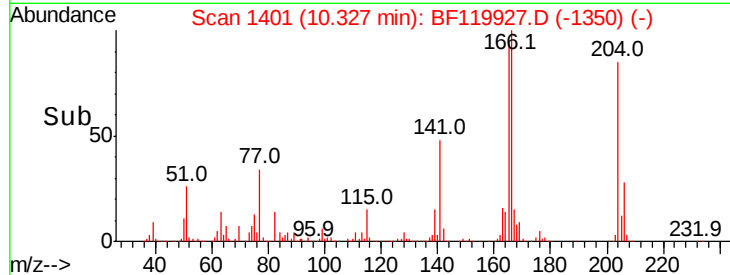
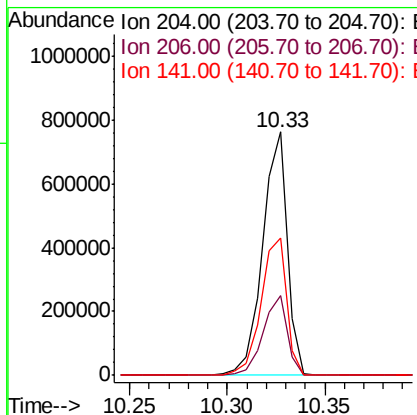
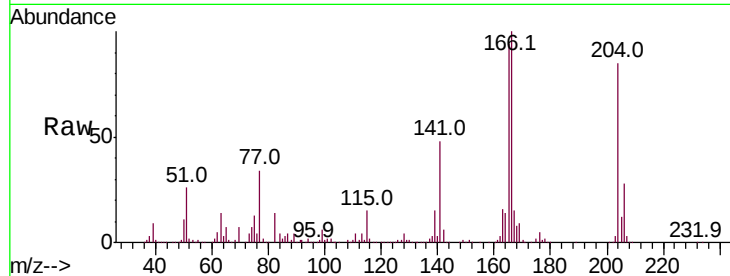
#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.067 ng  
 RT: 10.33 min Scan# 1401  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 667776 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.7  | 26.7  | 40.1   |
| 141       | 56.2  | 45.8  | 68.8   |

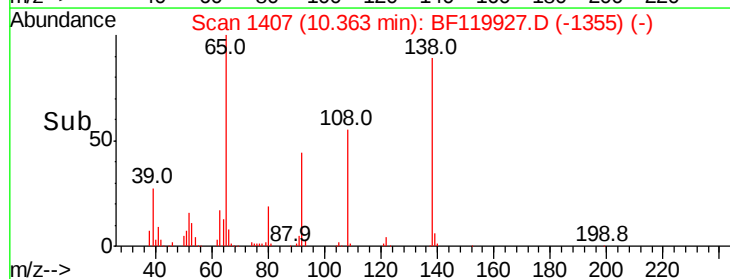
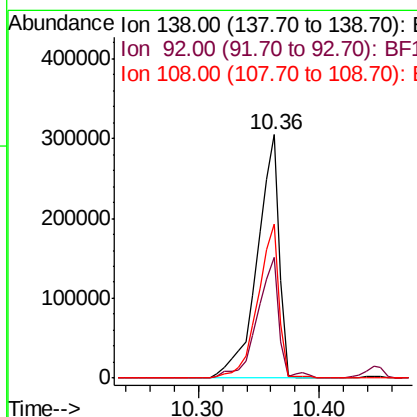
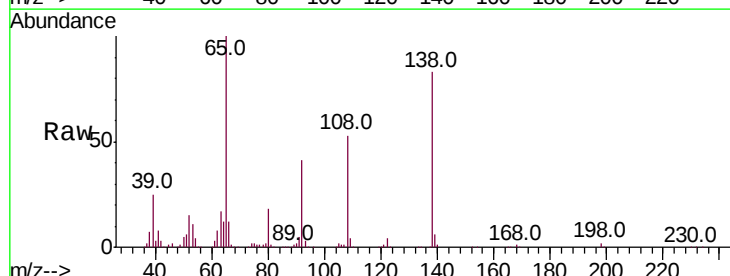
Manual Integrations  
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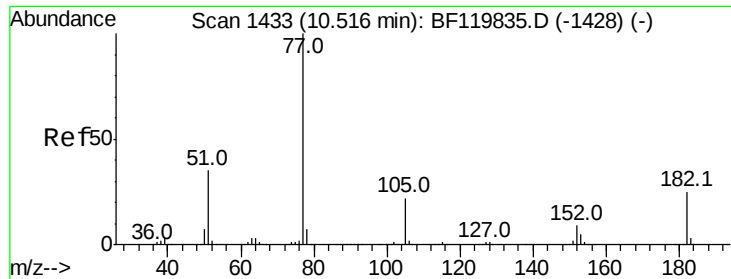
mohammad  
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#62  
 4-Nitroaniline  
 Concen: 41.990 ng  
 RT: 10.36 min Scan# 1407  
 Delta R.T. 0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 386285 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 49.7  | 31.6  | 71.6   |
| 108       | 63.5  | 45.2  | 85.2   |





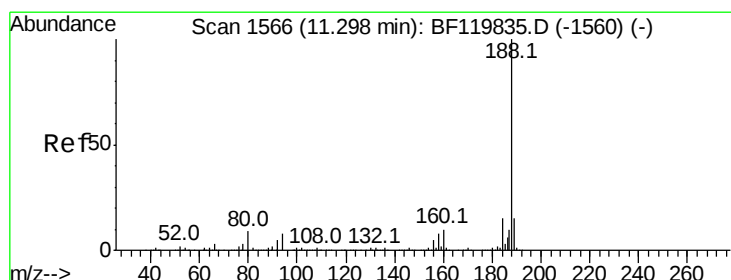
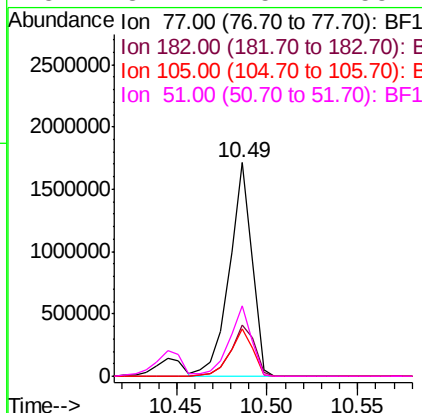
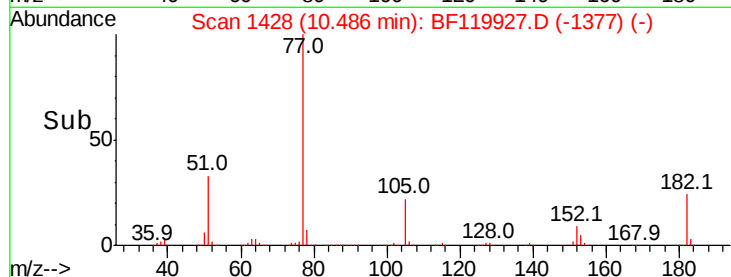
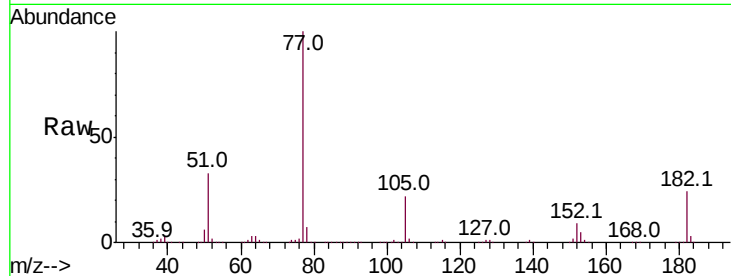
#63  
Azobenzene  
Concen: 41.535 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 23.9 | 4.5   | 44.5  |       |
| 105     | 22.1 | 2.2   | 42.2  |       |
| 51      | 32.7 | 15.1  | 55.1  |       |

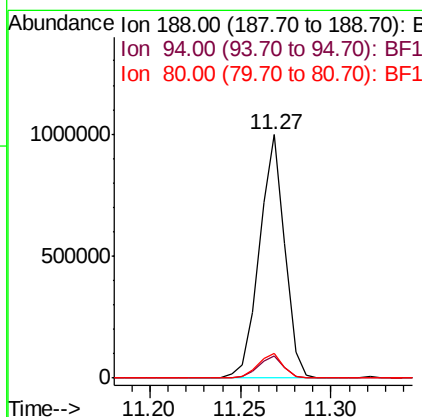
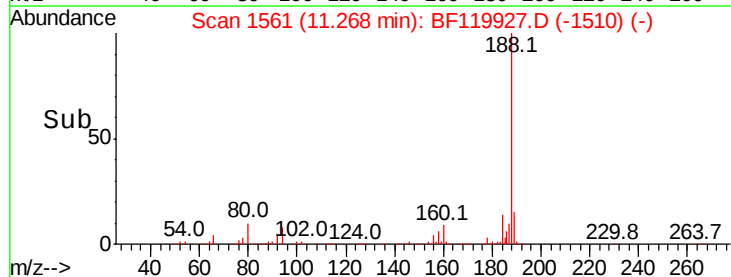
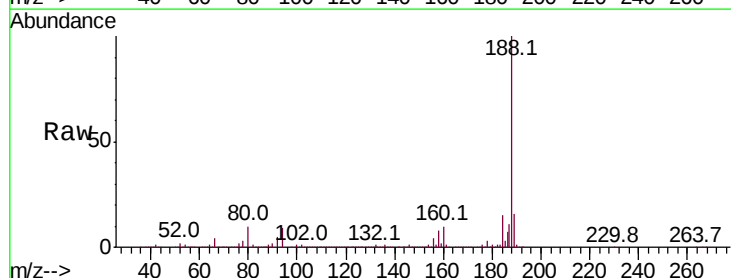
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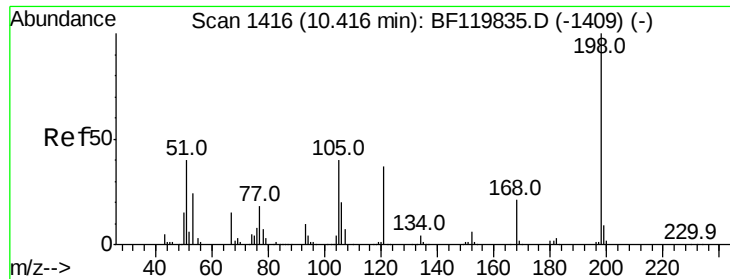
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.27 min Scan# 1561  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 9.3 | 6.7   | 10.1  |       |
| 80      | 9.9 | 7.4   | 11.2  |       |





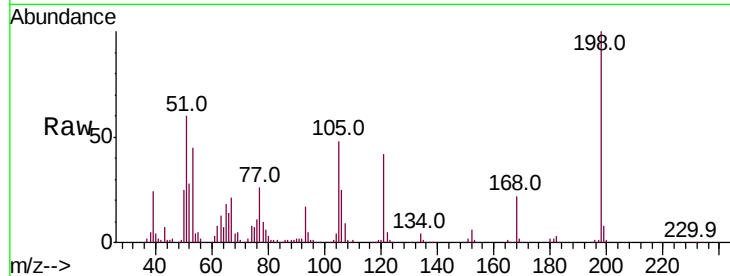
#65  
4,6-Dinitro-2-methylphenol  
Concen: 42.726 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

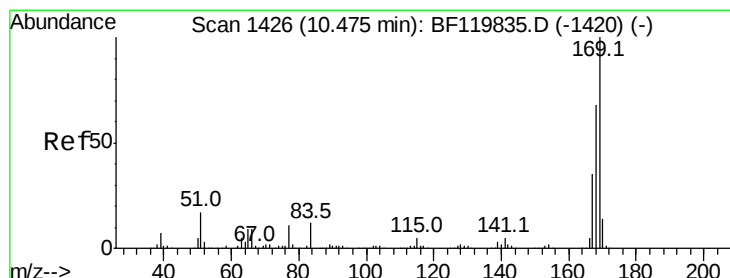
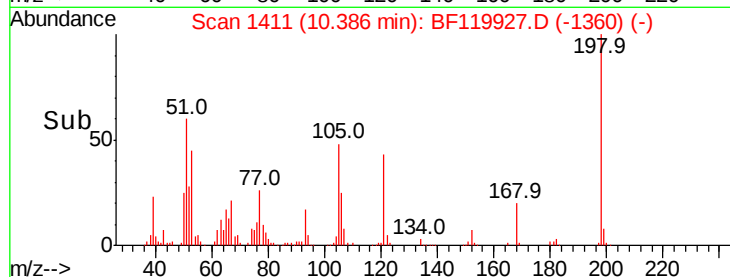
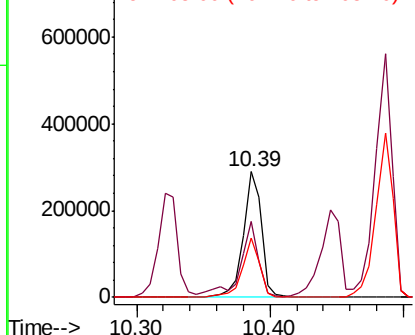
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 60.3  | 25.2  | 65.2  |
| 105     | 47.5  | 20.8  | 60.8  |

Manual Integrations  
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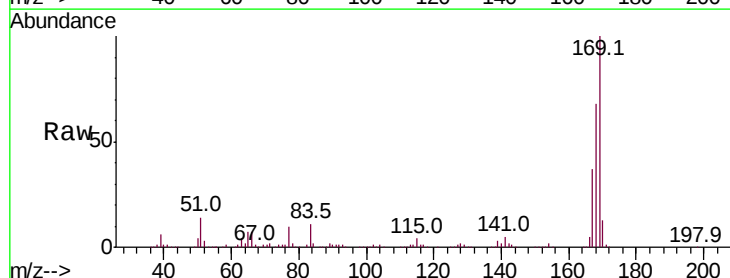


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

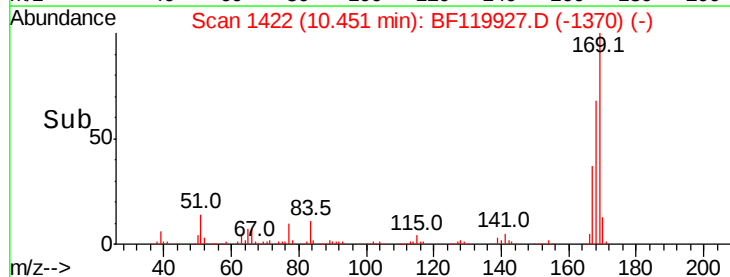
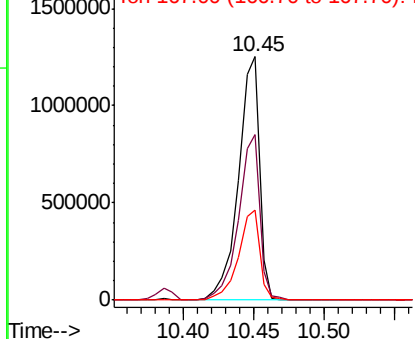


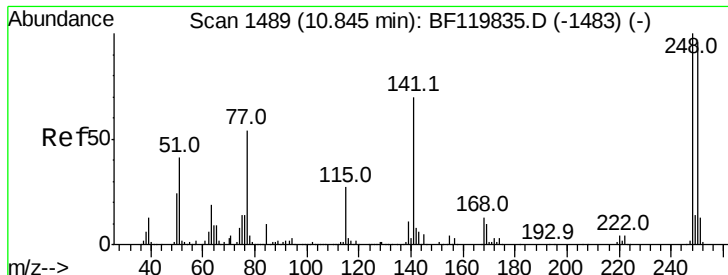
#66  
n-Nitrosodiphenylamine  
Concen: 40.519 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. 0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.9  | 54.2  | 81.4  |
| 167     | 36.9  | 28.3  | 42.5  |



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





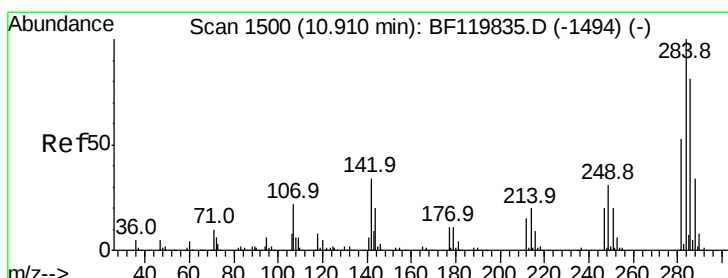
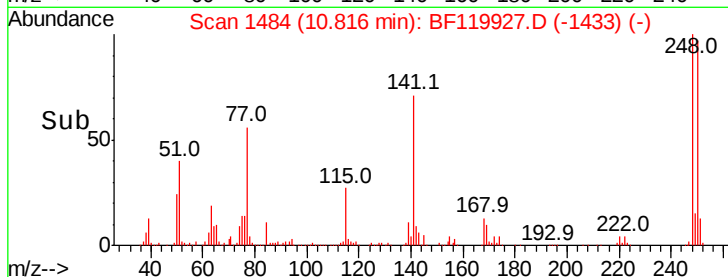
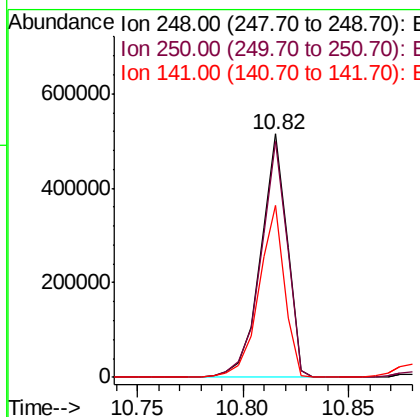
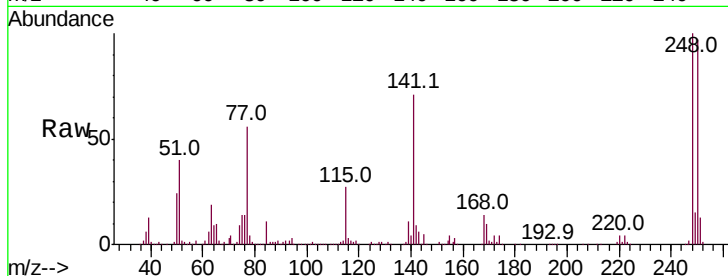
#67  
 4-Bromophenyl-phenylether  
 Concen: 37.558 ng  
 RT: 10.82 min Scan# 1484  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 450273 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.8  | 76.6  | 114.8  |
| 141       | 70.6  | 55.9  | 83.9   |

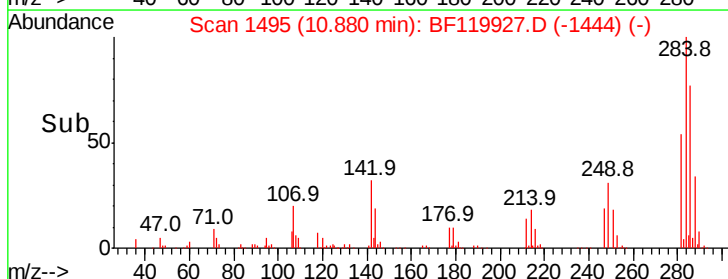
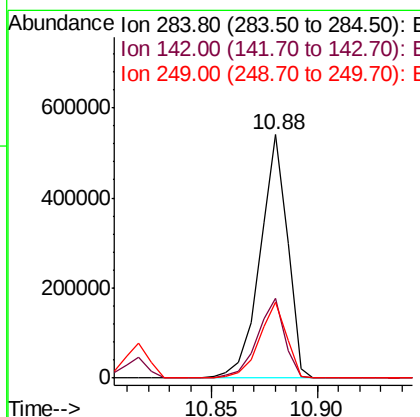
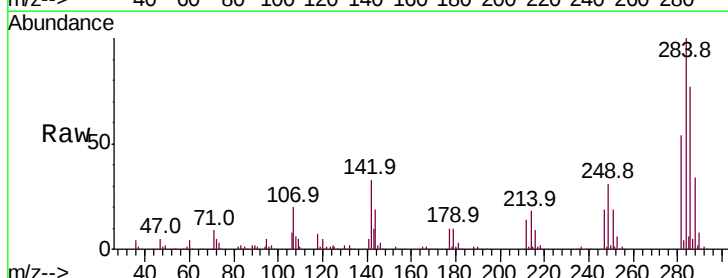
Manual Integrations  
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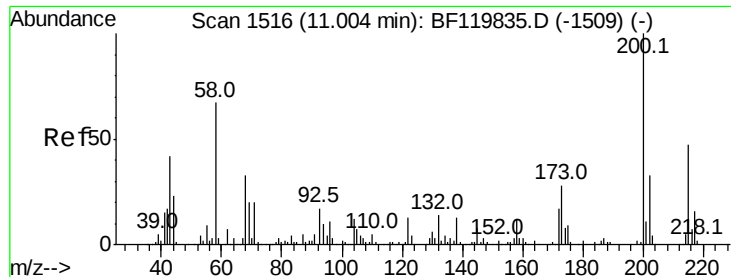
mohammad  
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#68  
 Hexachlorobenzene  
 Concen: 40.102 ng  
 RT: 10.88 min Scan# 1495  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 487724 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 33.0  | 26.9  | 40.3   |
| 249       | 31.4  | 24.6  | 37.0   |





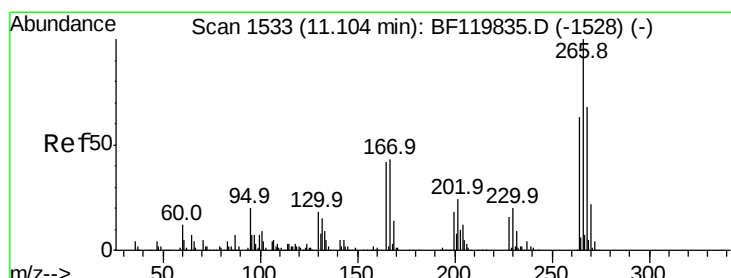
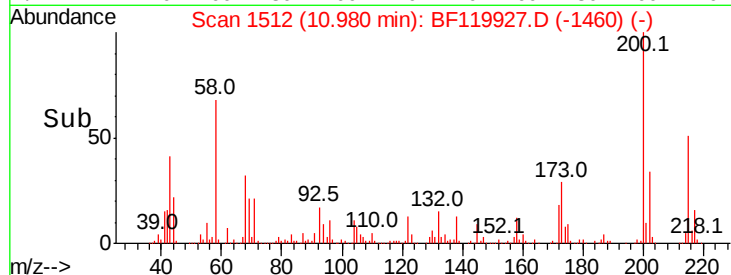
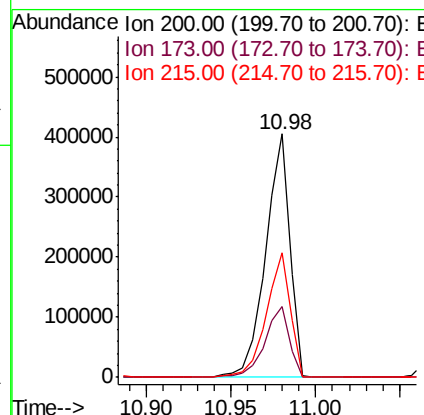
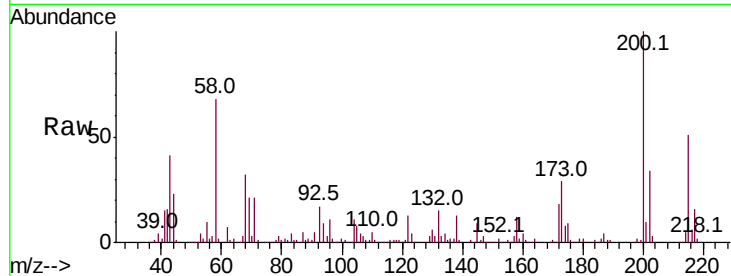
#69  
Atrazine  
Concen: 45.076 ng  
RT: 10.98 min Scan# 1512  
Delta R.T. 0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampled :  
TP-2MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 402090 |       |       |
| 173     | 29.0  | 8.0    | 48.0  |       |
| 215     | 51.1  | 27.1   | 67.1  |       |

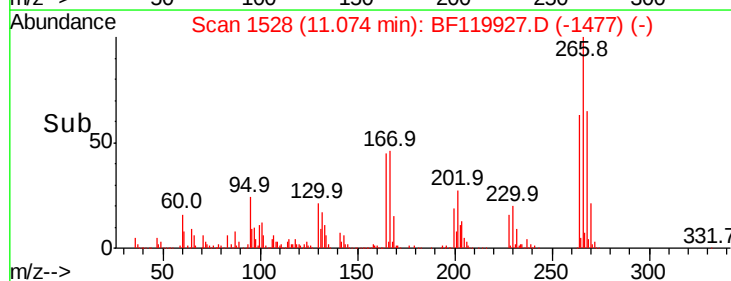
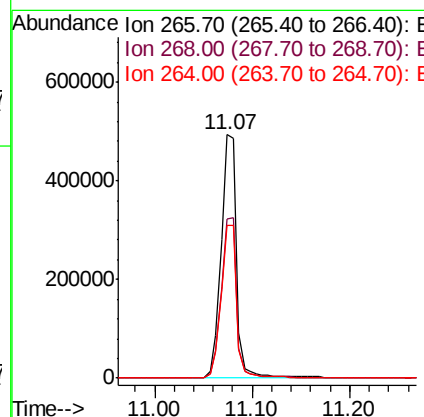
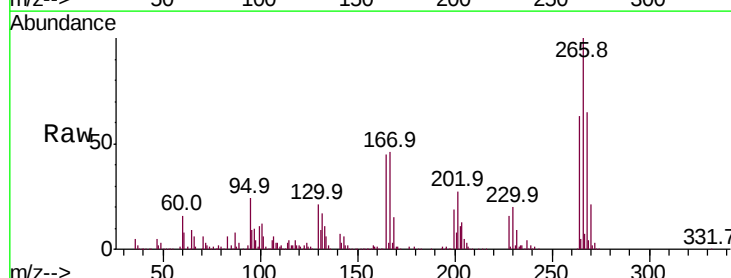
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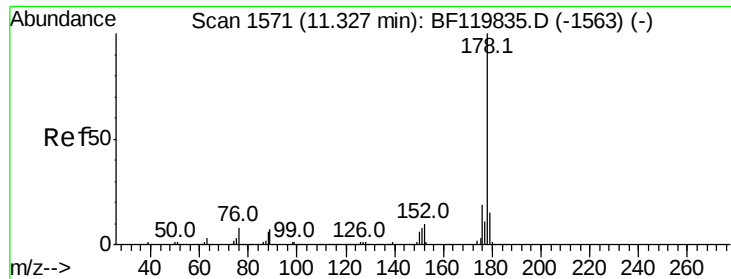
mohammad  
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#70  
Pentachlorophenol  
Concen: 77.639 ng  
RT: 11.07 min Scan# 1528  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 544146 |       |       |
| 268     | 65.4  | 54.2   | 81.4  |       |
| 264     | 62.9  | 50.6   | 76.0  |       |





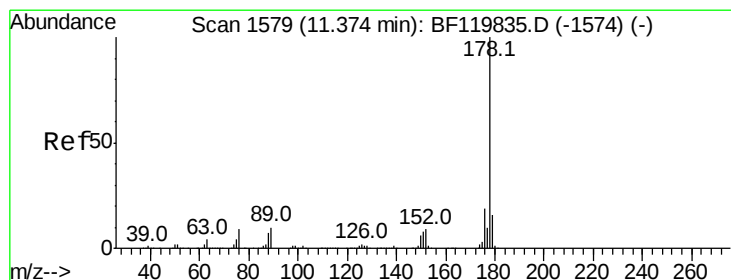
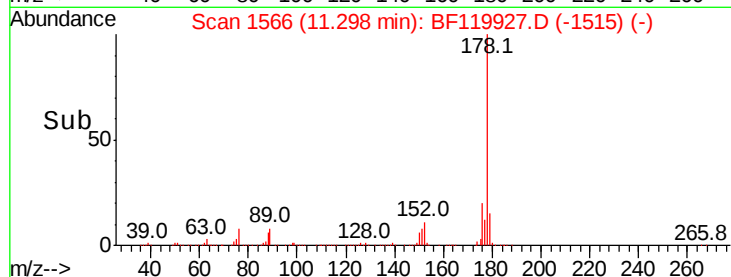
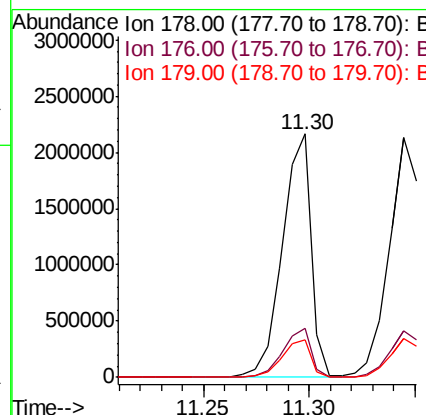
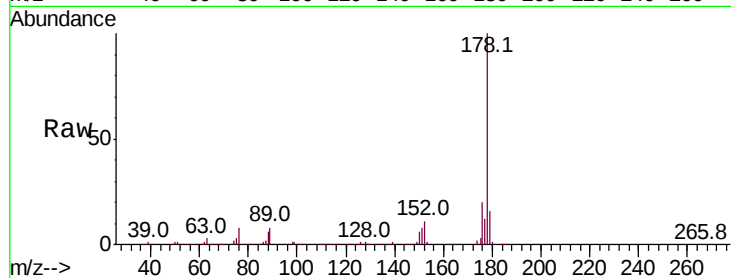
#71  
Phenanthrene  
Concen: 40.001 ng  
RT: 11.30 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

Tot Ion:178 Resp: 2052292  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.1 22.7  
179 15.5 12.2 18.4

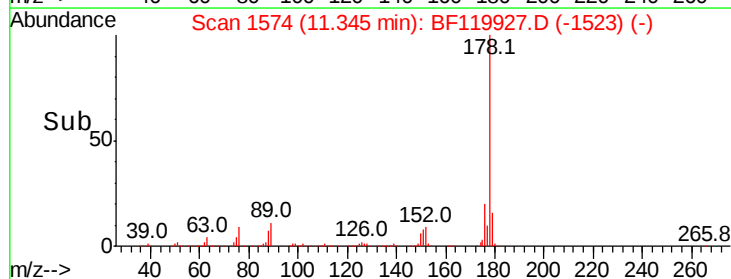
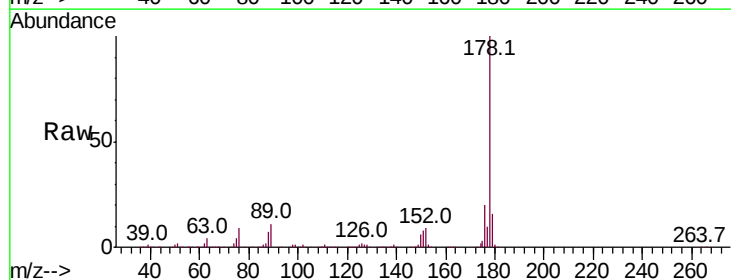
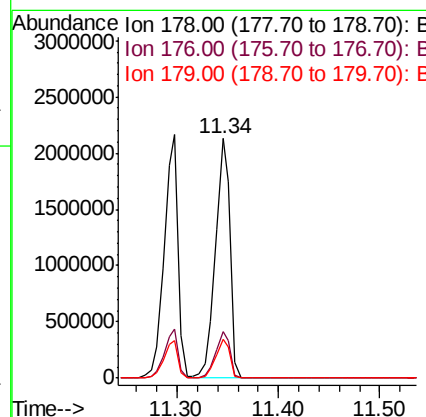
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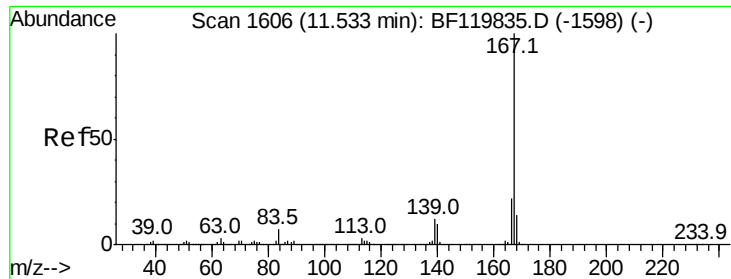
mohammad  
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#72  
Anthracene  
Concen: 40.618 ng  
RT: 11.34 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Tgt Ion:178 Resp: 2128880  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 16.5 12.8 19.2





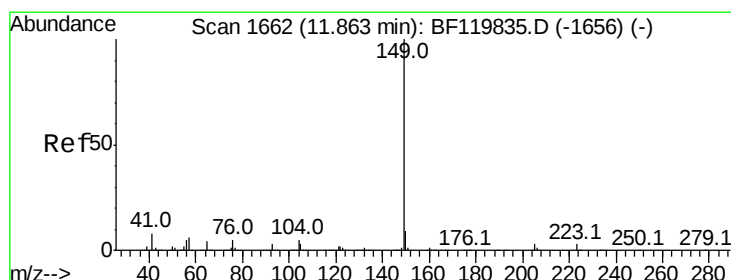
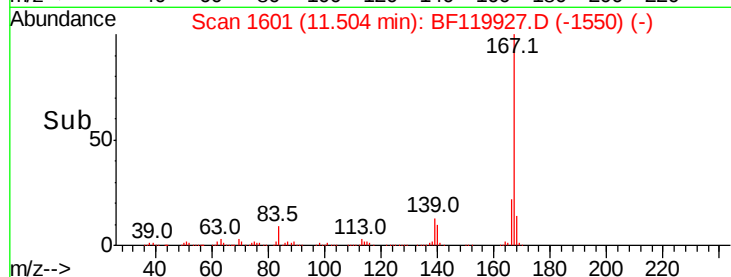
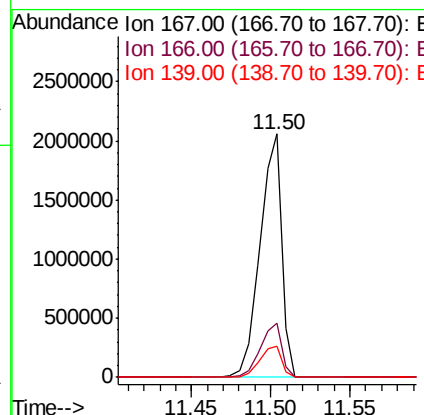
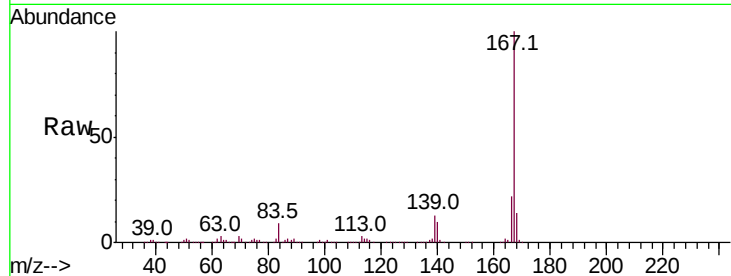
#73  
 Carbazole  
 Concen: 39.578 ng  
 RT: 11.50 min Scan# 1601  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

Tot Ion:167 Resp: 1961673  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.4 26.0  
 139 12.8 9.8 14.8

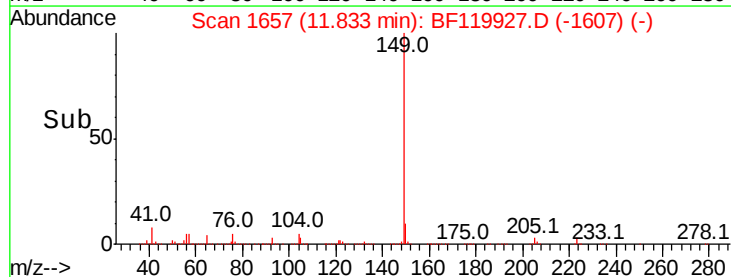
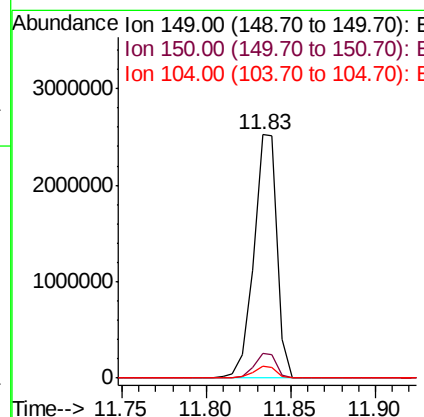
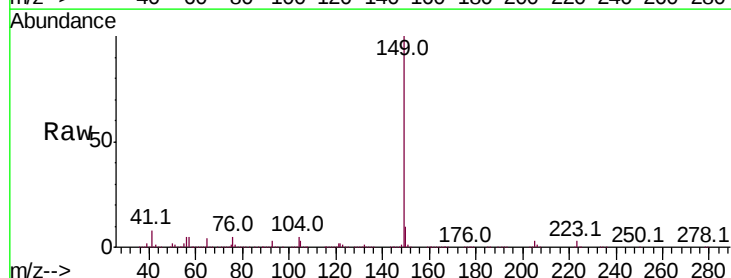
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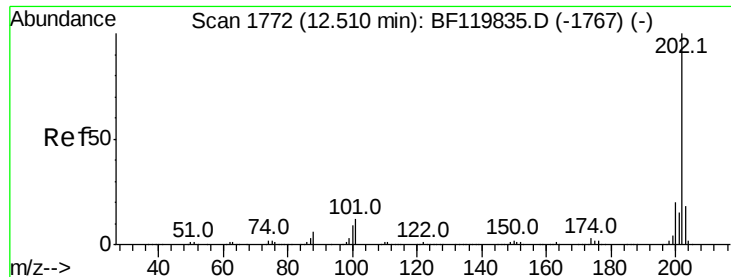
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 37.214 ng  
 RT: 11.83 min Scan# 1657  
 Delta R.T. -0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Tgt Ion:149 Resp: 2424776  
 Ion Ratio Lower Upper  
 149 100  
 150 10.1 7.6 11.4  
 104 4.9 3.8 5.6





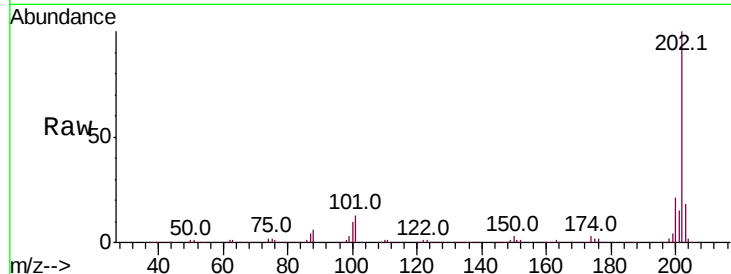
#75  
 Fluoranthene  
 Concen: 40.093 ng  
 RT: 12.48 min Scan# 1767  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2MSD

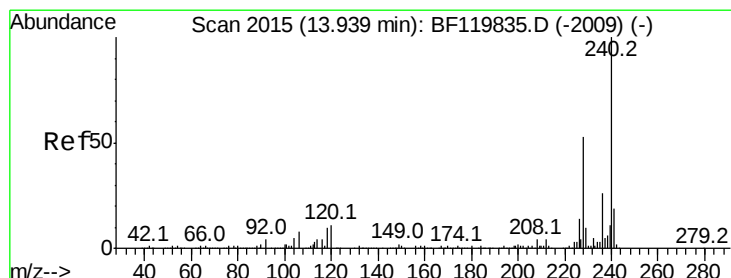
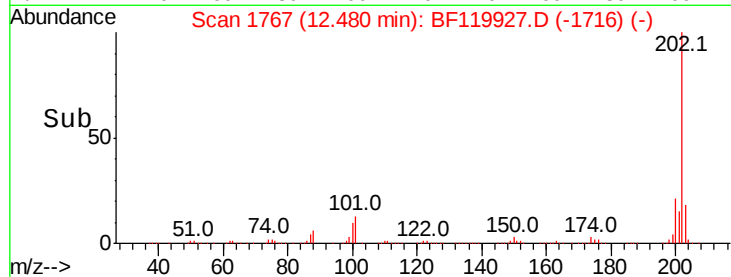
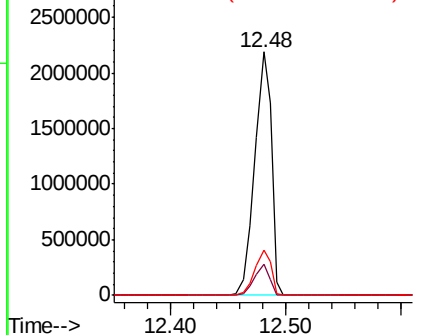
| Tot Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 2219501 |       |       |
| 101     | 13.0  | 0.0     | 32.3  |       |
| 203     | 18.3  | 0.0     | 37.6  |       |

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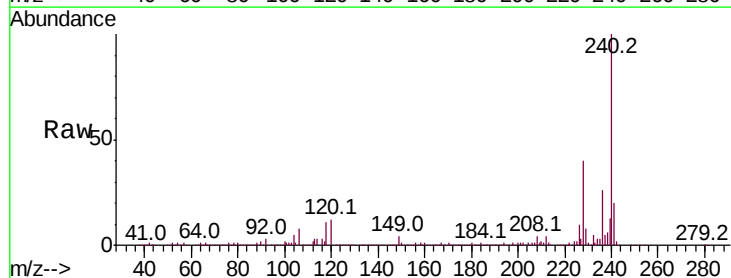


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

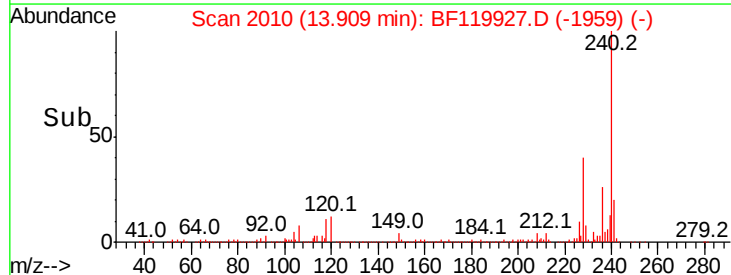
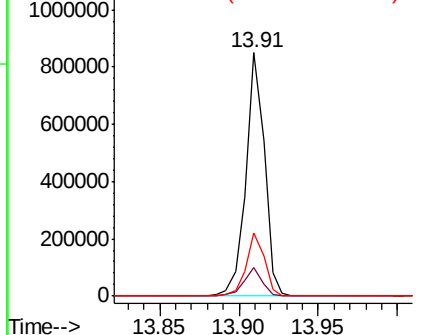


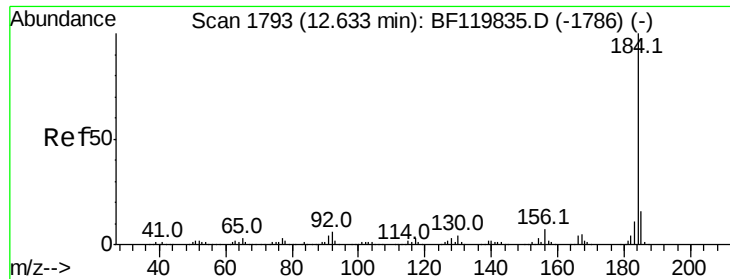
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.91 min Scan# 2010  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 685973 |       |       |
| 120     | 11.8  | 9.0    | 13.6  |       |
| 236     | 26.0  | 20.7   | 31.1  |       |



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





#77

Benzidine

Concen: 54.376 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

Instrument :

BNA\_F

ClientSampleId :

TP-2MSD

Tot Ion:184 Resp: 1260861

Ion Ratio Lower Upper

184 100

185 14.5 13.2 19.8

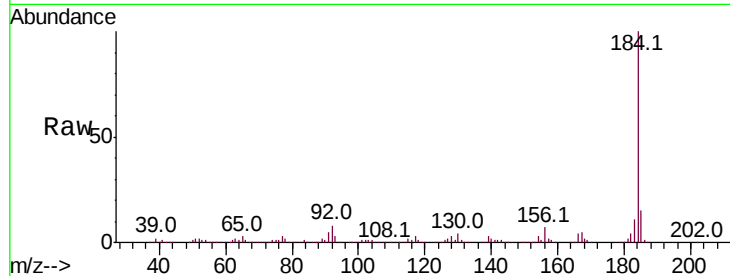
183 11.1 9.1 13.7

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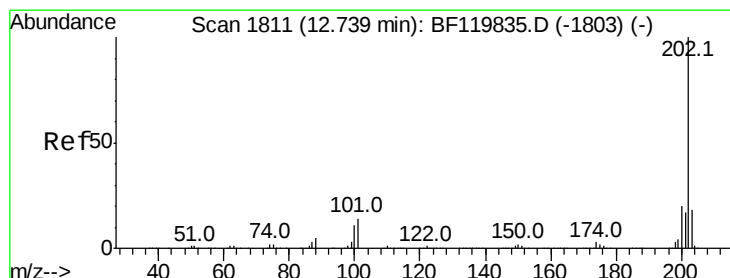
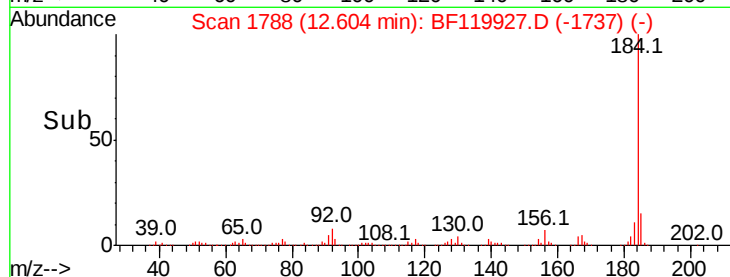
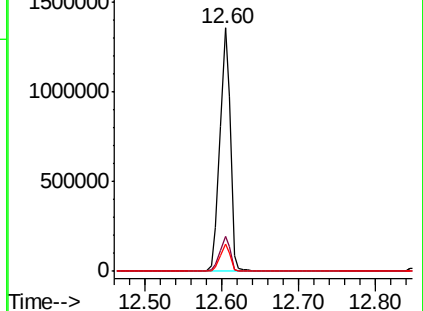
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.799 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119927.D

Acq: 13 Apr 2020 20:52

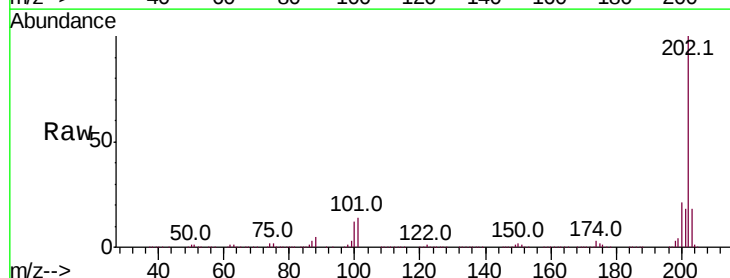
Tgt Ion:202 Resp: 2243721

Ion Ratio Lower Upper

202 100

200 21.1 16.2 24.2

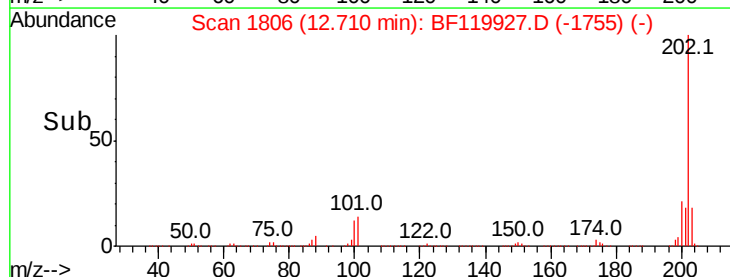
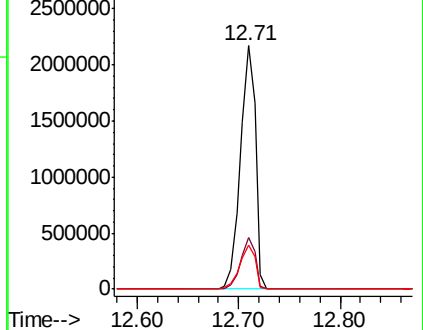
203 18.0 14.1 21.1

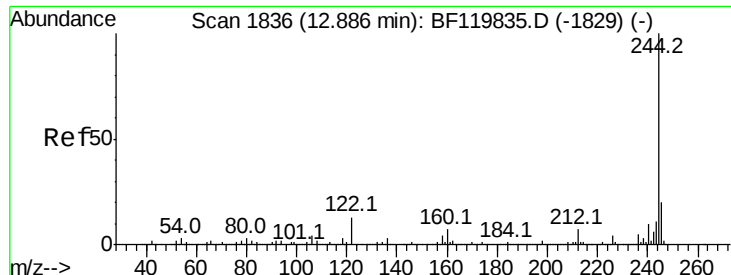


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





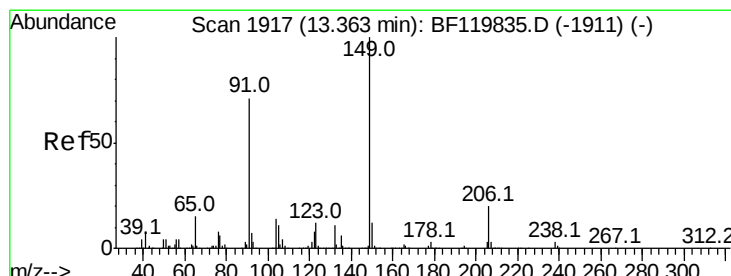
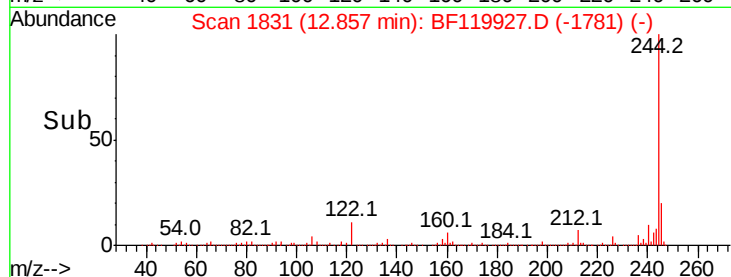
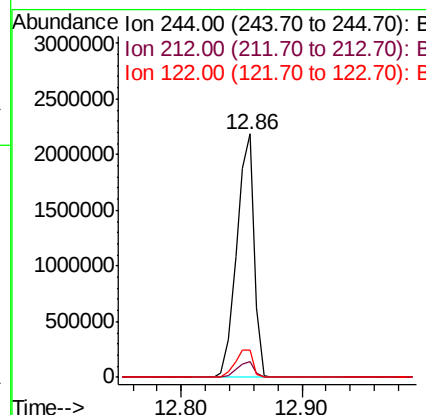
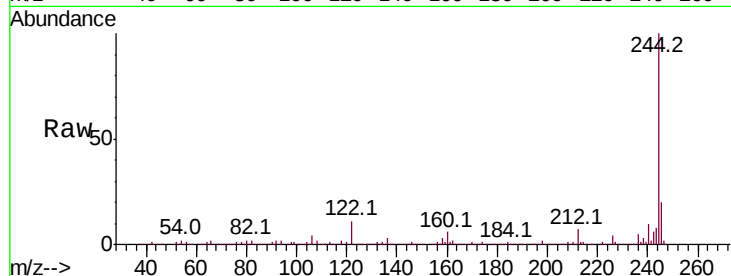
#79  
 Terphenyl-d14  
 Concen: 53.700 ng  
 RT: 12.86 min Scan# 1831  
 Delta R.T. -0.01 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.5   | 5.4   | 8.0   |
| 122     | 11.1  | 10.3  | 15.5  |

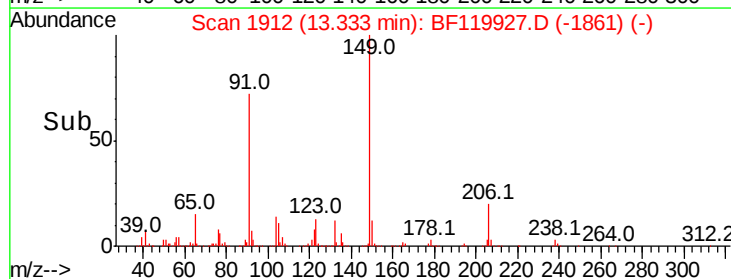
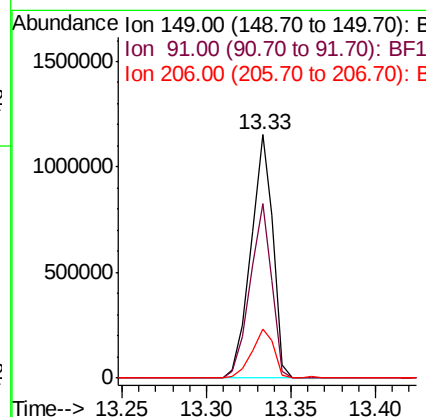
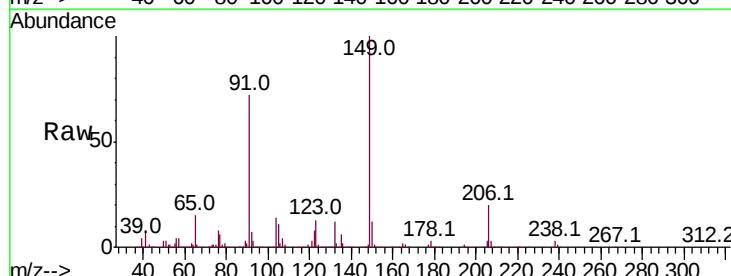
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#80  
 Butylbenzylphthalate  
 Concen: 37.422 ng  
 RT: 13.33 min Scan# 1912  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.7  | 56.7  | 85.1  |
| 206     | 19.9  | 15.7  | 23.5  |





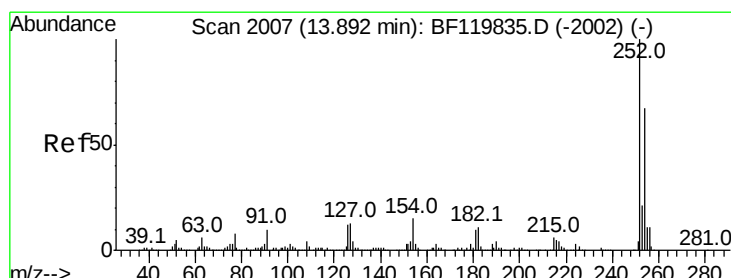
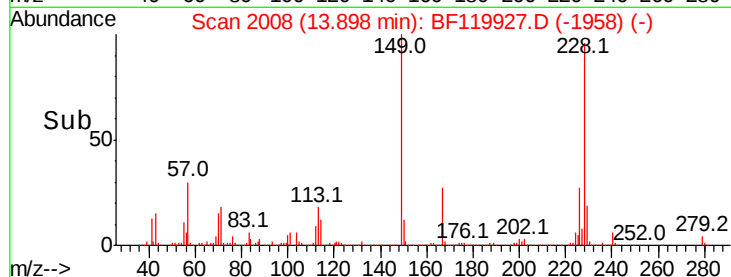
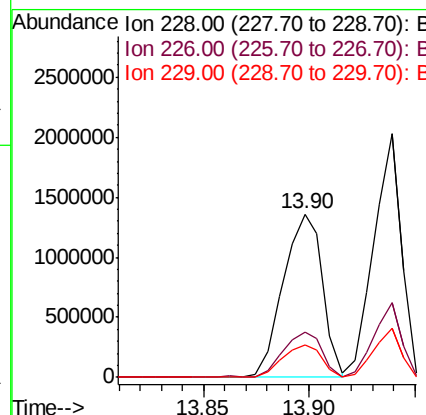
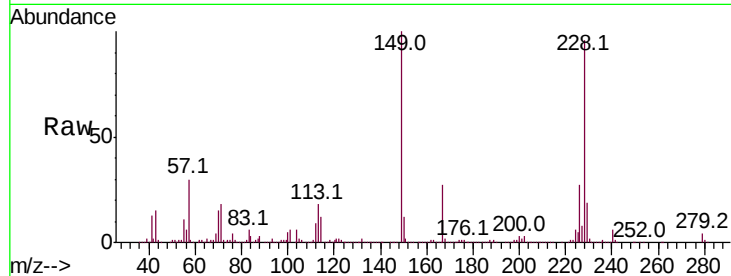
#81  
Benzo(a)anthracene  
Concen: 38.831 ng  
RT: 13.90 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampled :  
TP-2MSD

Tot Ion:228 Resp: 1752364  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.9 32.9  
229 19.8 15.9 23.9

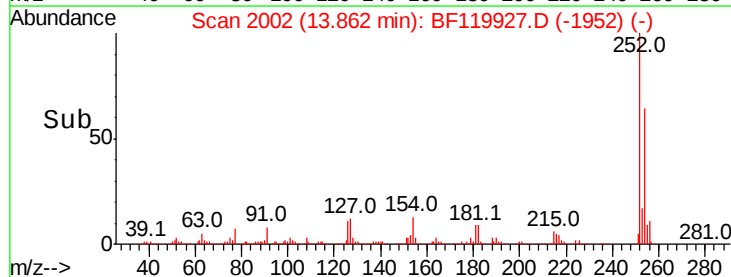
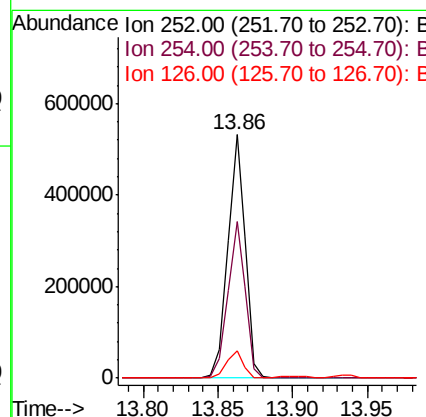
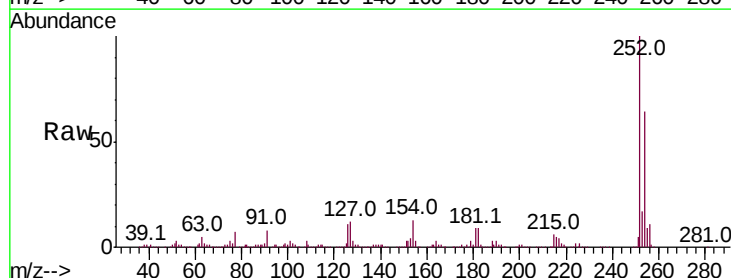
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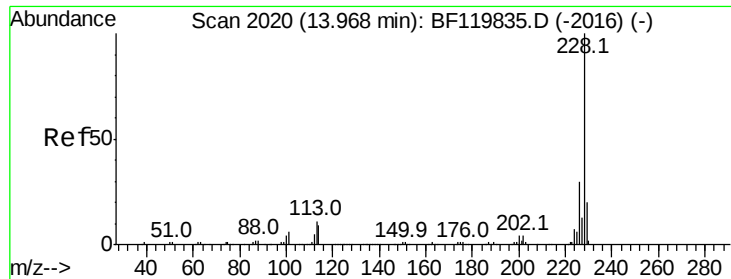
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 26.160 ng  
RT: 13.86 min Scan# 2002  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Tgt Ion:252 Resp: 440494  
Ion Ratio Lower Upper  
252 100  
254 64.1 53.9 80.9  
126 11.2 9.7 14.5





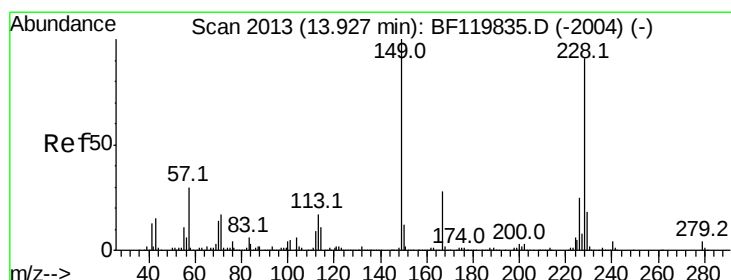
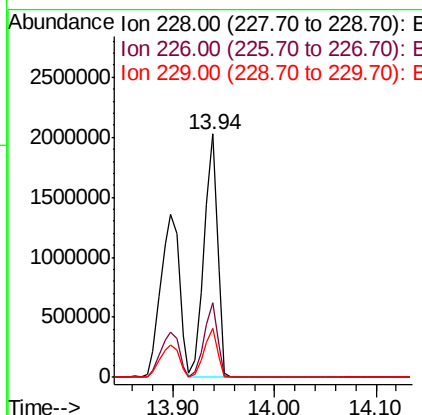
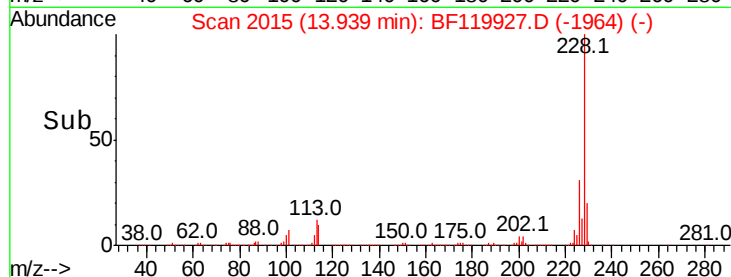
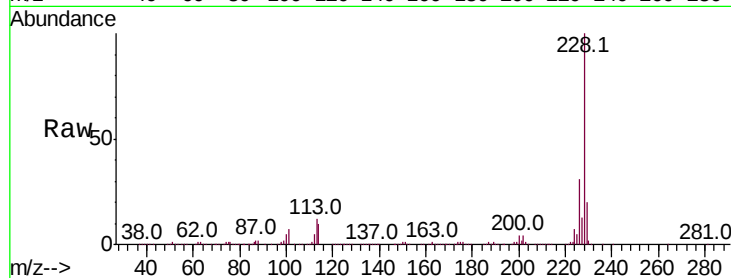
#83  
 Chrysene  
 Concen: 40.608 ng  
 RT: 13.94 min Scan# 2015  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 24.2  | 36.2  |
| 229     | 20.0  | 15.9  | 23.9  |

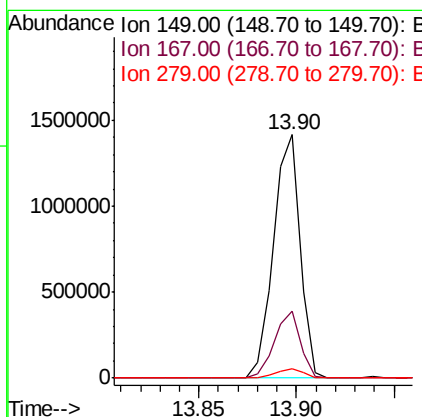
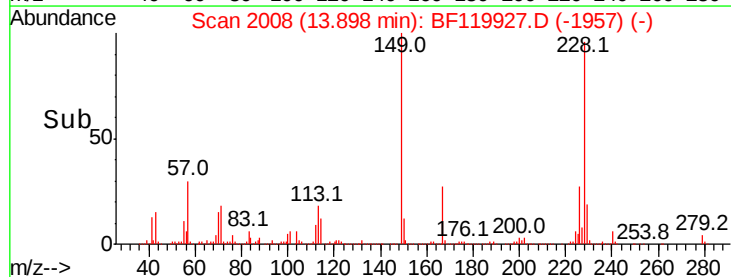
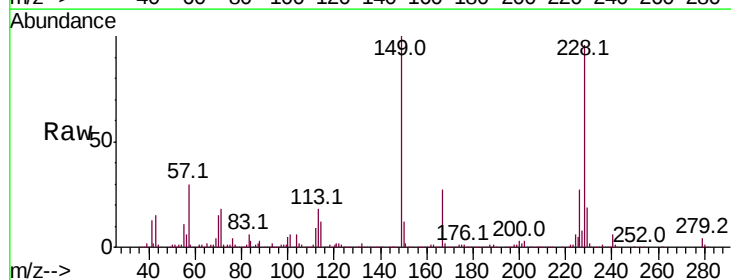
Manual Integrations  
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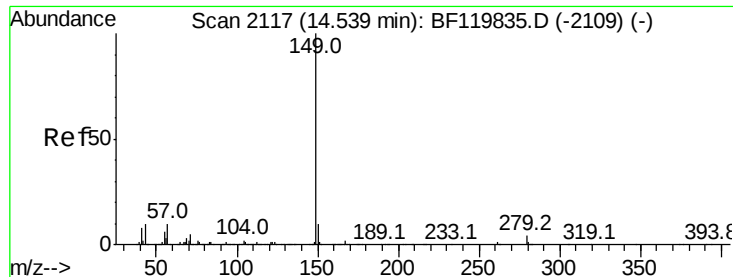
mohammad  
 4/14/2020 3:38:09 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.245 ng  
 RT: 13.90 min Scan# 2008  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.4  | 22.2  | 33.2  |
| 279     | 4.1   | 3.4   | 5.0   |





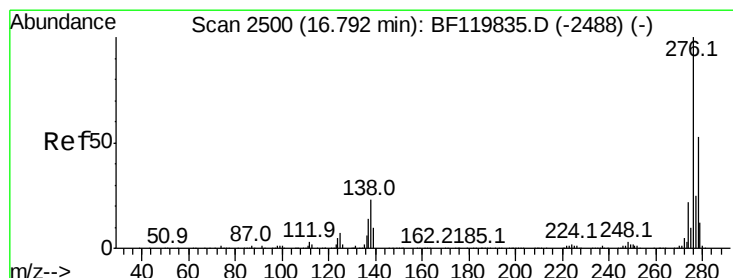
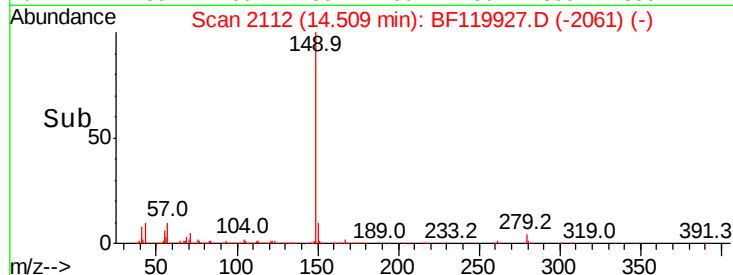
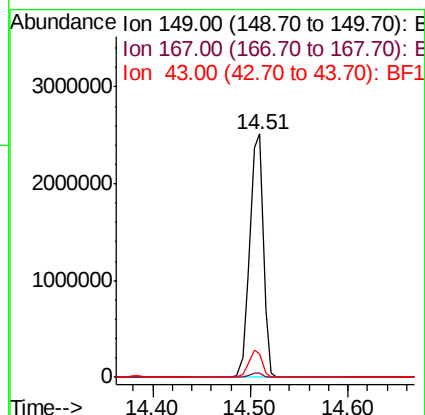
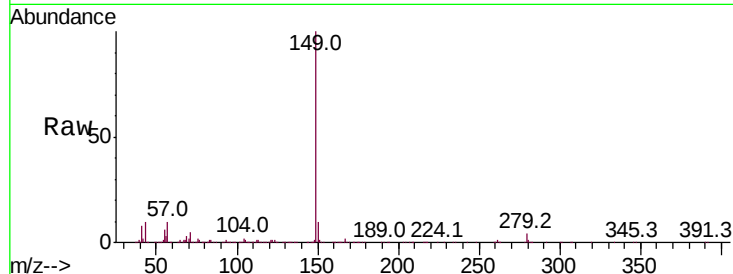
#85  
Di-n-octyl phthalate  
Concen: 37.786 ng  
RT: 14.51 min Scan# 2112  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 10.8  | 9.2   | 13.8  |

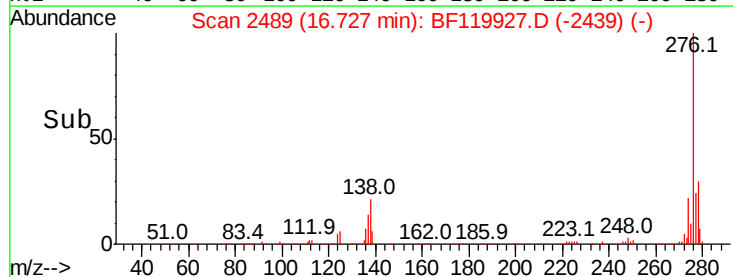
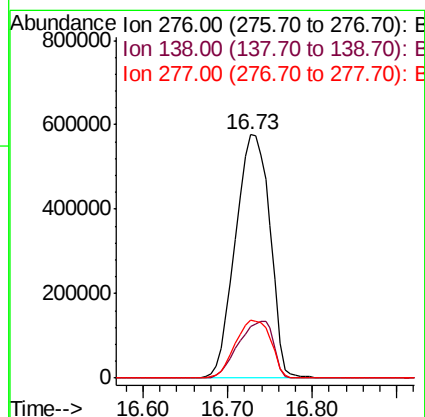
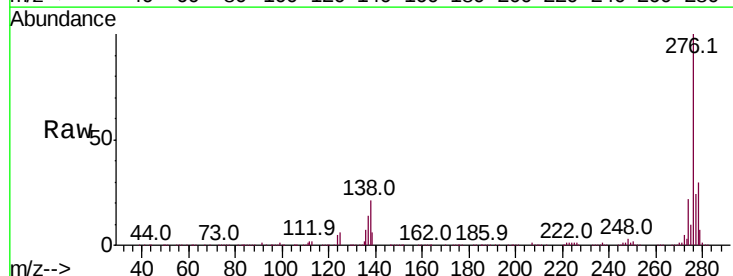
Manual Integrations  
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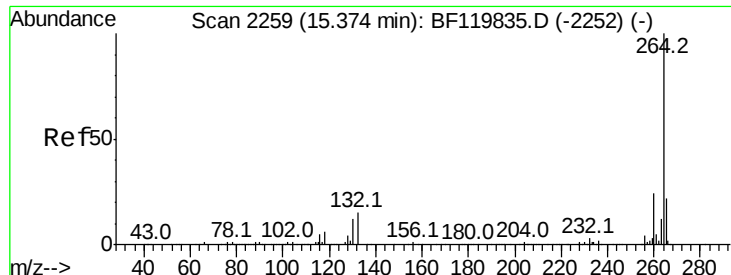
mohammad  
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.562 ng  
RT: 16.73 min Scan# 2489  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.8  | 18.0  | 27.0  |
| 277     | 24.7  | 20.1  | 30.1  |





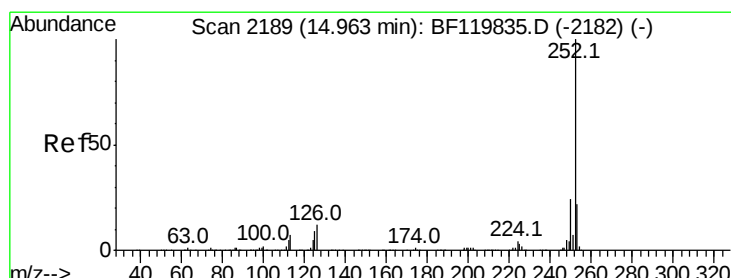
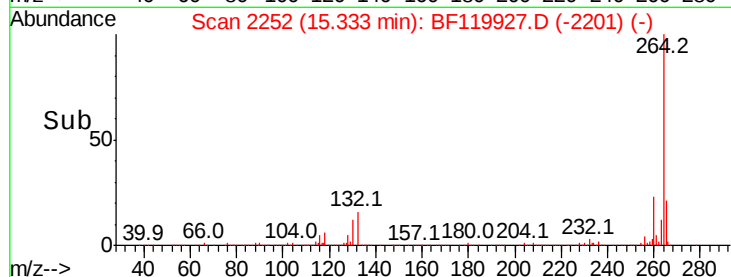
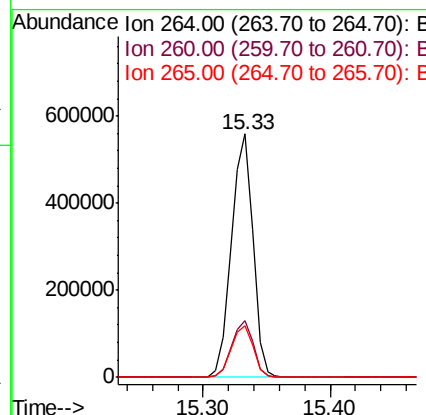
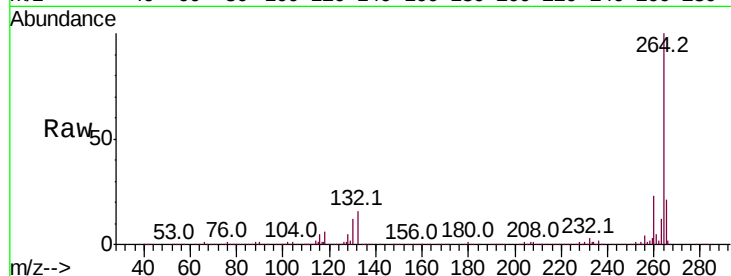
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.33 min Scan# 2252  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 652665 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.4  | 19.3  | 28.9   |
| 265       | 21.5  | 17.6  | 26.4   |

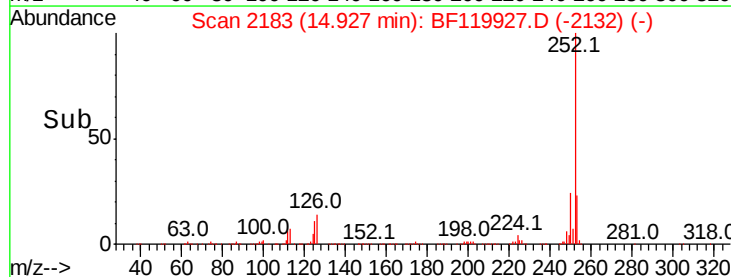
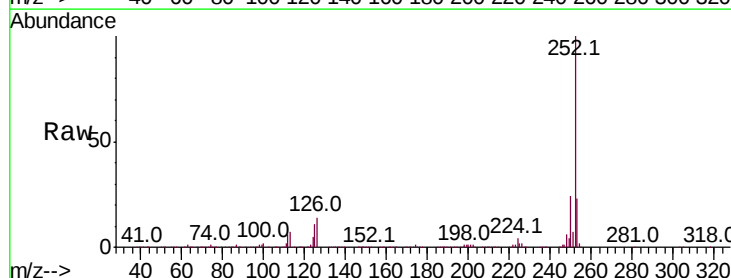
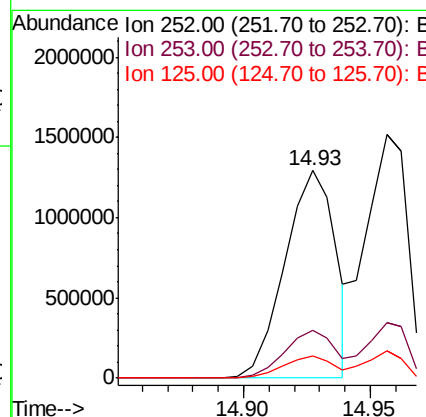
Manual Integrations  
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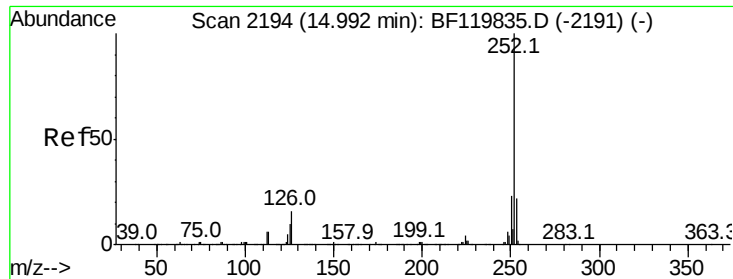
mohammad  
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#88  
 Benzo(b)fluoranthene  
 Concen: 38.425 ng  
 RT: 14.93 min Scan# 2183  
 Delta R.T. -0.00 min  
 Lab File: BF119927.D  
 Acq: 13 Apr 2020 20:52

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1804083 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.0  | 17.7  | 26.5    |
| 125       | 10.6  | 7.4   | 11.2    |





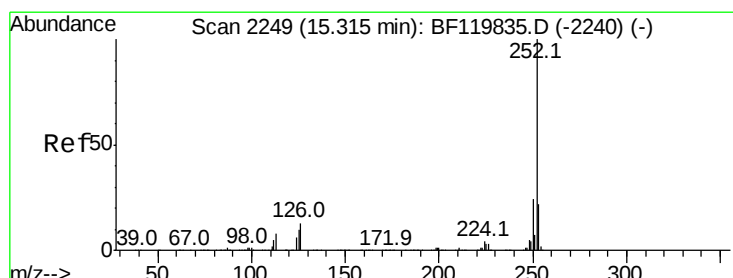
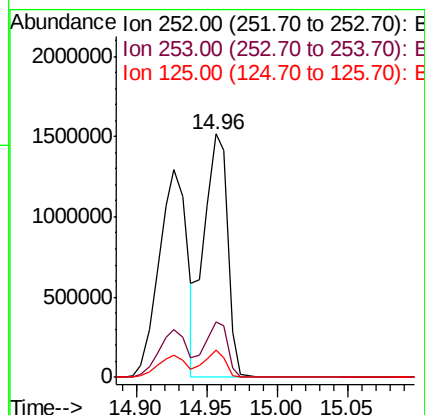
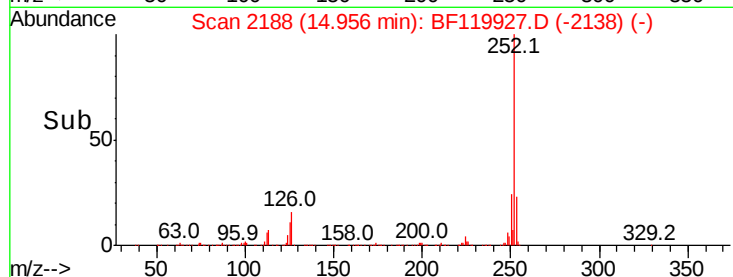
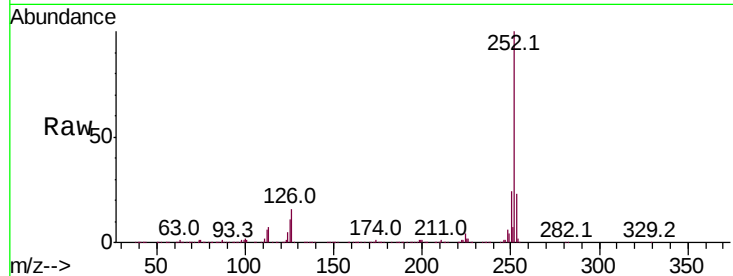
#89  
Benzo(k)fluoranthene  
Concen: 43.076 ng  
RT: 14.96 min Scan# 2188  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.8  | 26.8  |
| 125     | 11.2  | 7.7   | 11.5  |

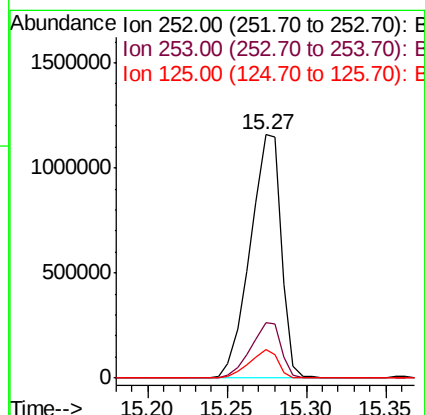
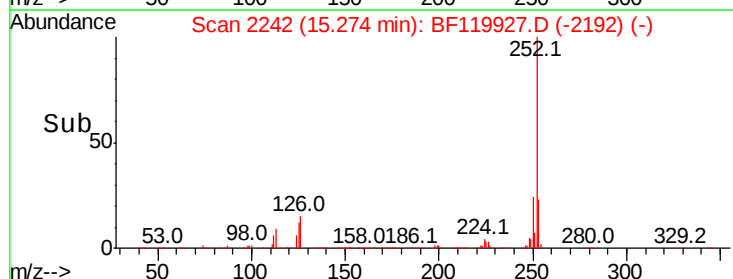
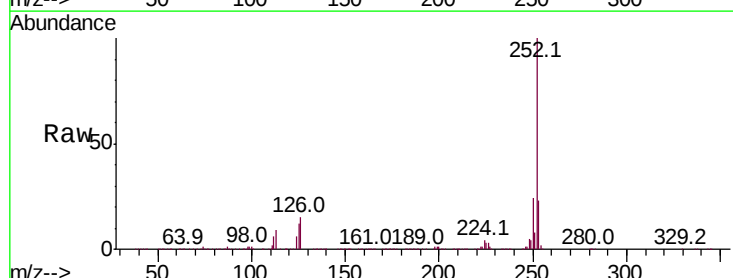
Manual Integrations  
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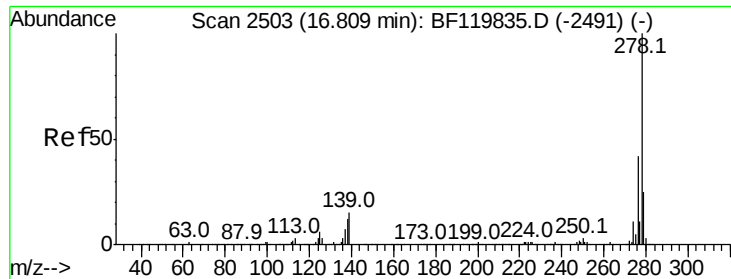
mohammad  
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#90  
Benzo(a)pyrene  
Concen: 40.131 ng  
RT: 15.27 min Scan# 2242  
Delta R.T. -0.01 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.4  | 26.2  |
| 125     | 11.8  | 8.3   | 12.5  |





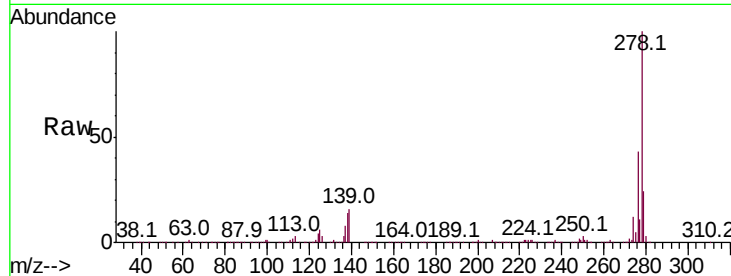
#91  
Dibenzo(a,h)anthracene  
Concen: 38.366 ng  
RT: 16.75 min Scan# 2493  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

Instrument :  
BNA\_F  
ClientSampleId :  
TP-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.7  | 11.6  | 17.4  |
| 279     | 24.1  | 19.7  | 29.5  |

Manual Integrations  
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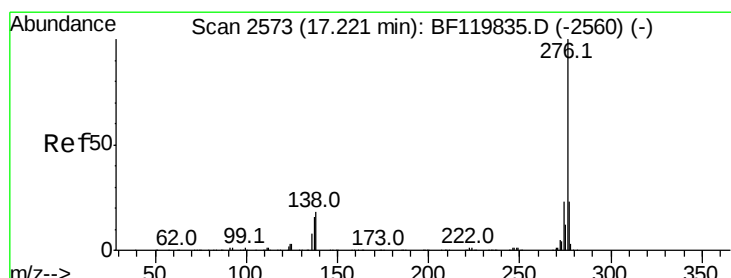
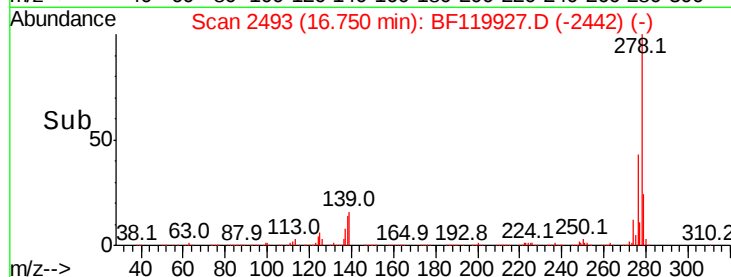
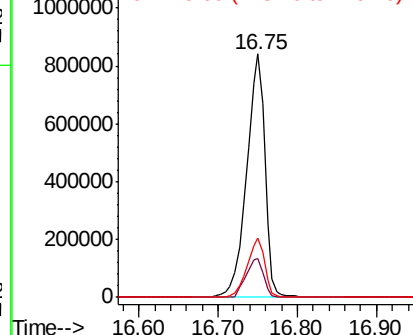


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 38.310 ng  
RT: 17.16 min Scan# 2562  
Delta R.T. -0.00 min  
Lab File: BF119927.D  
Acq: 13 Apr 2020 20:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.5  | 27.7  |
| 138     | 20.0  | 14.6  | 22.0  |

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

