

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\  
 Data File : BF115495.D  
 Acq On : 11 Jul 2019 12:21  
 Operator : HP/JU  
 Sample : PB121170BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

Manual Integrations  
 APPROVED

mohammad  
 7/12/2019 10:37:31 PM

Quant Time: Jul 12 03:45:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 16:47:05 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 250507   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 969521   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 475485   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.42 | 188  | 929023   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 639320   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.54 | 264  | 621438   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.54  | 112  | 1868558  | 115.25 | ng    | 0.02     |
| 7) Phenol-d6                | 6.54  | 99   | 2391630  | 115.98 | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 7.46  | 82   | 1536573  | 93.64  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.73 | 330  | 748653   | 142.40 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.26  | 172  | 2531429  | 93.42  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.02 | 244  | 2674504  | 85.65  | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.82 | 88   | 199993   | 25.147 | ng    | 99     |
| 3) Pyridine                    | 3.57 | 79   | 514129   | 23.379 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.50 | 42   | 197885   | 22.191 | ng    | 99     |
| 6) Aniline                     | 6.56 | 93   | 560699   | 19.269 | ng    | 99     |
| 8) 2-Chlorophenol              | 6.69 | 128  | 469168   | 25.627 | ng    | 92     |
| 9) Benzaldehyde                | 6.45 | 77   | 382089   | 30.626 | ng    | 99     |
| 10) Phenol                     | 6.55 | 94   | 574574   | 23.289 | ng    | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93   | 451700   | 24.679 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146  | 522861   | 26.068 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146  | 523676   | 26.065 | ng    | 100    |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146  | 479420   | 25.773 | ng    | 100    |
| 15) Benzyl Alcohol             | 7.04 | 79   | 435211   | 26.302 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45   | 605448   | 23.658 | ng    | 99     |
| 17) 2-Methylphenol             | 7.15 | 107  | 414150   | 26.405 | ng    | 99     |
| 18) Hexachloroethane           | 7.41 | 117  | 191604   | 25.600 | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70   | 337883   | 24.220 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.30 | 107  | 496232   | 26.784 | ng    | 95     |
| 22) Acetophenone               | 7.30 | 105  | 666983   | 28.710 | ng    | 97     |
| 24) Nitrobenzene               | 7.48 | 77   | 517854   | 27.944 | ng    | 99     |
| 25) Isophorone                 | 7.72 | 82   | 952645   | 26.784 | ng    | 99     |
| 26) 2-Nitrophenol              | 7.79 | 139  | 270841   | 35.548 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 7.83 | 122  | 463135   | 31.879 | ng    | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.93 | 93   | 581950   | 26.534 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 8.03 | 162  | 423852   | 29.292 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180  | 462450   | 28.708 | ng    | 99     |
| 31) Naphthalene                | 8.20 | 128  | 1404825  | 29.172 | ng    | 100    |
| 32) Benzoic acid               | 7.96 | 122  | 322690   | 32.693 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.25 | 127  | 296277   | 13.789 | ng    | 98     |
| 34) Hexachlorobutadiene        | 8.32 | 225  | 258196   | 28.263 | ng    | 99     |
| 35) Caprolactam                | 8.62 | 113  | 152732m  | 32.408 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107  | 441001   | 28.813 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.89 | 142  | 937877   | 29.138 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 8.99 | 142  | 884165   | 28.790 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216  | 421514   | 30.815 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\  
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 Operator : HP/JU  
 Sample : PB121170BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

Manual Integrations  
 APPROVED

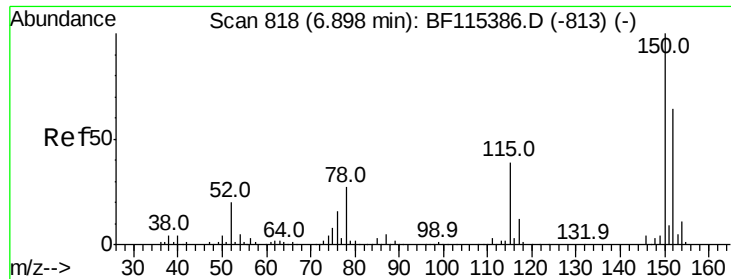
mohammad  
 7/12/2019 10:37:31 PM

Quant Time: Jul 12 03:45:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 10 16:47:05 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 480135   | 60.560 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 312196   | 31.349 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.21  | 196  | 317192   | 30.716 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 1155052  | 30.900 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.39  | 162  | 907327   | 29.369 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 272739   | 30.048 | ng    | 99       |
| 49) Acenaphthylene             | 9.80  | 152  | 1377535  | 29.450 | ng    | 99       |
| 50) Dimethylphthalate          | 9.66  | 163  | 1045666  | 29.300 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 245922   | 31.773 | ng    | 97       |
| 52) Acenaphthene               | 9.97  | 154  | 953924   | 32.405 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.88  | 138  | 176986   | 19.688 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 9.99  | 184  | 243722   | 73.836 | ng    | 92       |
| 55) Dibenzofuran               | 10.15 | 168  | 1234864  | 29.779 | ng    | 100      |
| 56) 4-Nitrophenol              | 10.05 | 139  | 422638   | 60.766 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 323849   | 32.923 | ng    | 91       |
| 58) Fluorene                   | 10.49 | 166  | 909717   | 27.829 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 276612   | 31.008 | ng    | 99       |
| 60) Diethylphthalate           | 10.36 | 149  | 1000420  | 28.479 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 472126   | 29.591 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 264912   | 30.022 | ng    | 97       |
| 63) Azobenzene                 | 10.64 | 77   | 988550   | 27.300 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 168332   | 39.497 | ng    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.60 | 169  | 859888   | 29.376 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.97 | 248  | 300174   | 28.796 | ng    | 99       |
| 68) Hexachlorobenzene          | 11.04 | 284  | 337918   | 28.888 | ng    | 99       |
| 69) Atrazine                   | 11.12 | 200  | 278593   | 30.753 | ng    | 100      |
| 70) Pentachlorophenol          | 11.23 | 266  | 409887   | 57.498 | ng    | 99       |
| 71) Phenanthrene               | 11.45 | 178  | 1393128  | 28.513 | ng    | 99       |
| 72) Anthracene                 | 11.50 | 178  | 1444572  | 29.484 | ng    | 100      |
| 73) Carbazole                  | 11.65 | 167  | 1278215  | 28.517 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.98 | 149  | 1505470  | 27.791 | ng    | 99       |
| 75) Fluoranthene               | 12.63 | 202  | 1465742  | 28.491 | ng    | 99       |
| 77) Benzidine                  | 12.75 | 184  | 787164   | 31.574 | ng    | 99       |
| 78) Pyrene                     | 12.86 | 202  | 1494558  | 30.062 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.48 | 149  | 643834   | 29.639 | ng    | 98       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 1207347  | 29.474 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 312503   | 21.024 | ng    | 96       |
| 83) Chrysene                   | 14.09 | 228  | 1239495  | 29.449 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 812490   | 30.203 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.66 | 149  | 1447481  | 30.225 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.03 | 276  | 1030247  | 27.609 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.11 | 252  | 1165560  | 28.807 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 1095141  | 30.434 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.48 | 252  | 1061971  | 30.431 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.04 | 278  | 854975   | 28.670 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.47 | 276  | 841885   | 29.826 | ng    | 99       |

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





#1

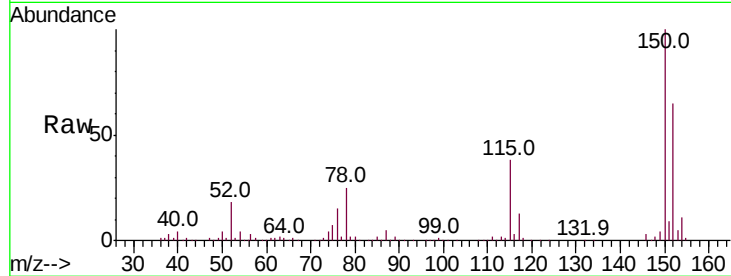
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleID :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.6 | 127.4 | 191.2 |
| 115     | 58.9  | 46.2  | 69.4  |

Manual Integrations  
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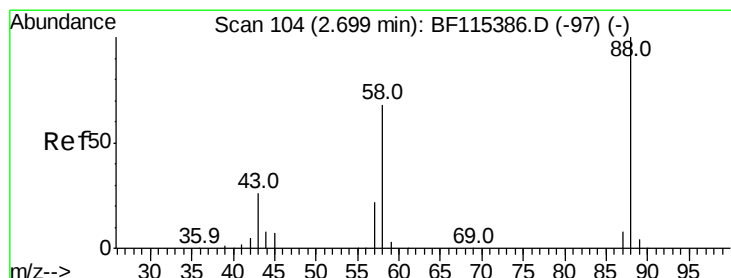
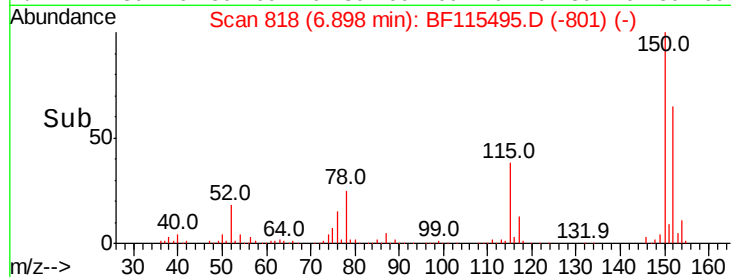
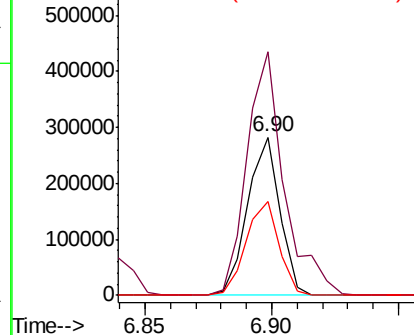


Abundance

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: 25.147 ng  
RT: 2.82 min Scan# 124  
Delta R.T. 0.11 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

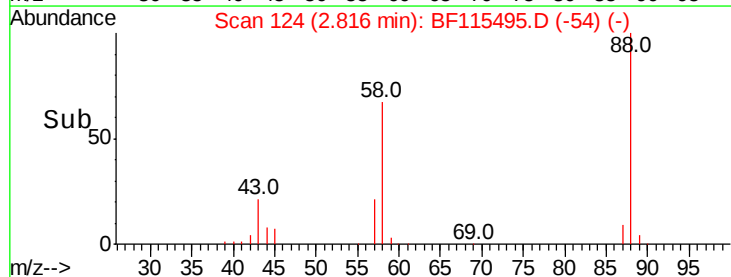
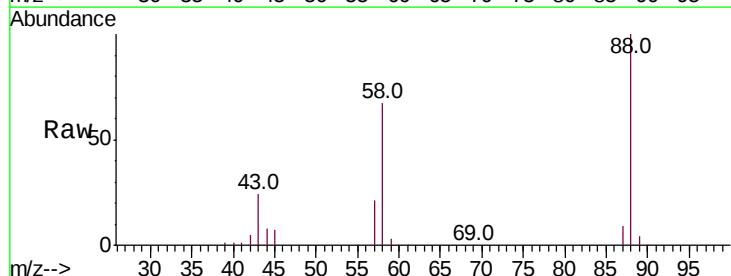
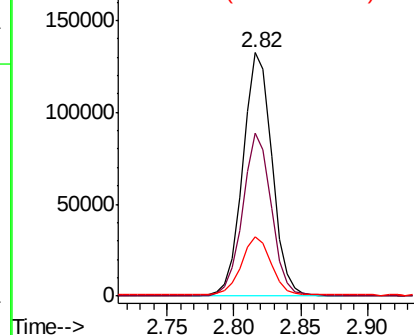
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 66.2  | 52.5  | 78.7  |
| 43      | 24.5  | 19.0  | 28.6  |

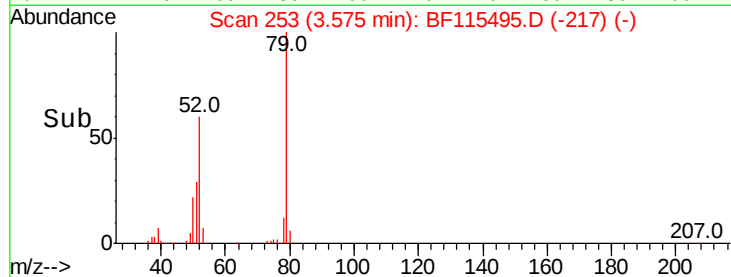
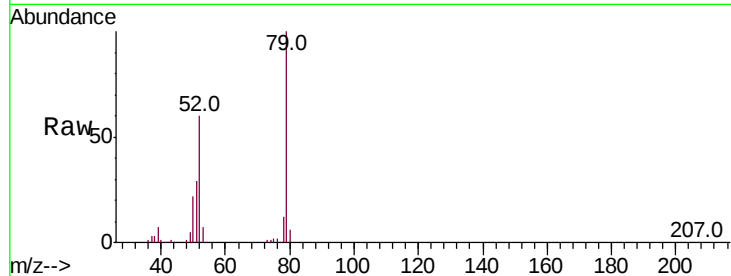
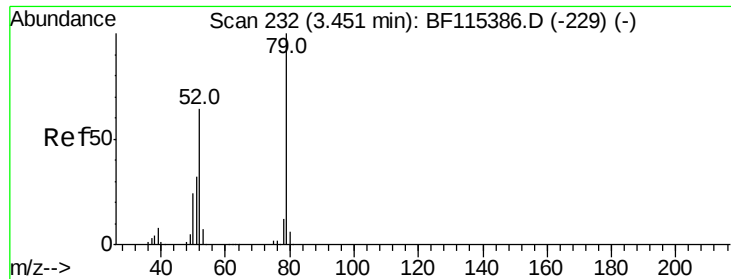
Abundance

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





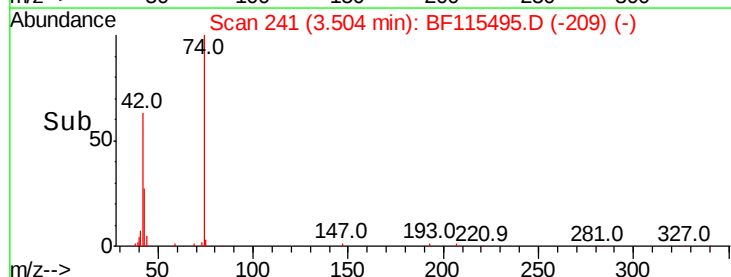
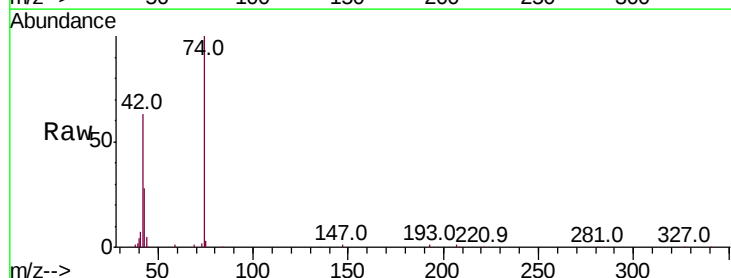
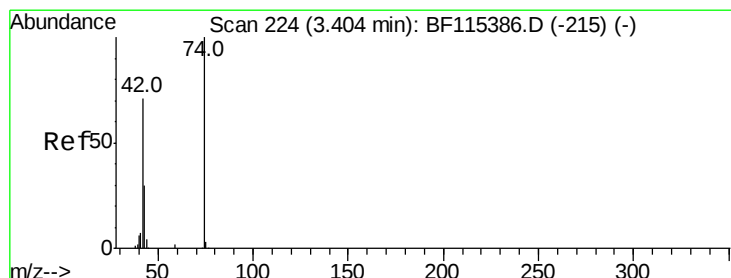
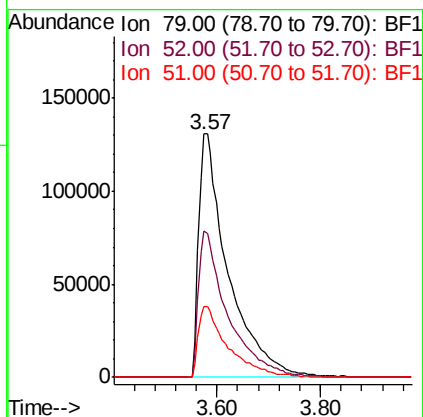
#3  
Pvridine  
Concen: 23.379 ng  
RT: 3.57 min Scan# 253  
Delta R.T. 0.11 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 60.3  | 48.2  | 72.2  |
| 51      | 28.8  | 23.2  | 34.8  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

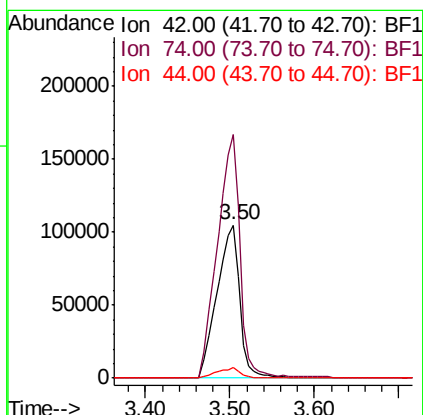
Manual Integrations  
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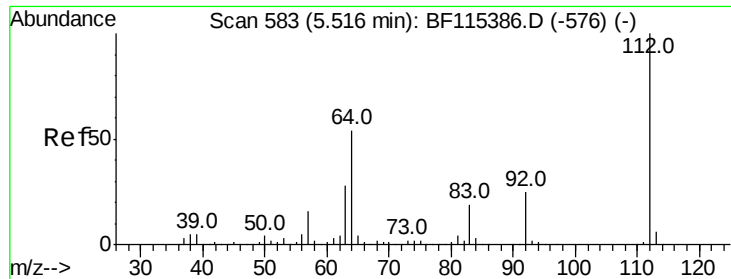
mohammad  
7/12/2019 10:37:31 PM



#4  
n-Nitrosodimethylamine  
Concen: 22.191 ng  
RT: 3.50 min Scan# 241  
Delta R.T. 0.09 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 159.0 | 128.5 | 192.7 |
| 44      | 7.2   | 5.3   | 7.9   |





#5

2-Fluorophenol

Concen: 115.245 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion:112 Resp: 1868558

Ion Ratio Lower Upper

112 100

64 57.3 44.2 66.2

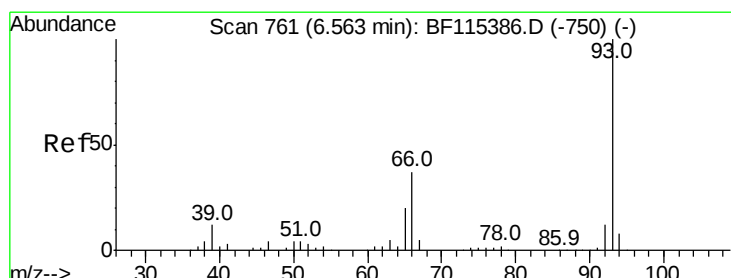
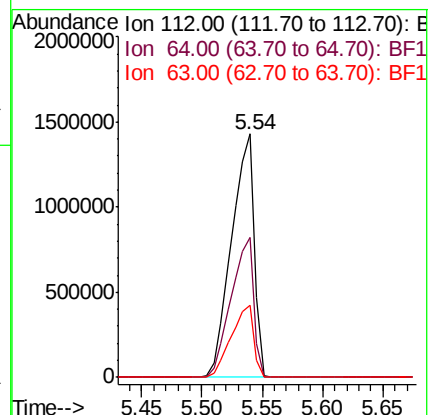
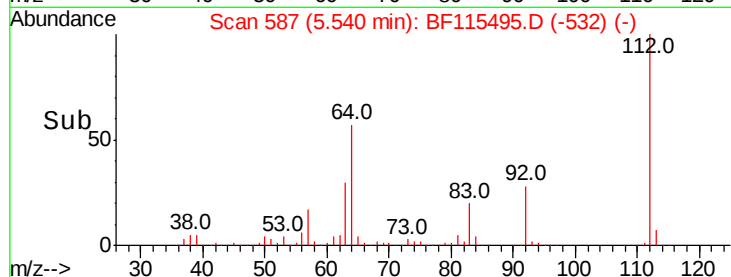
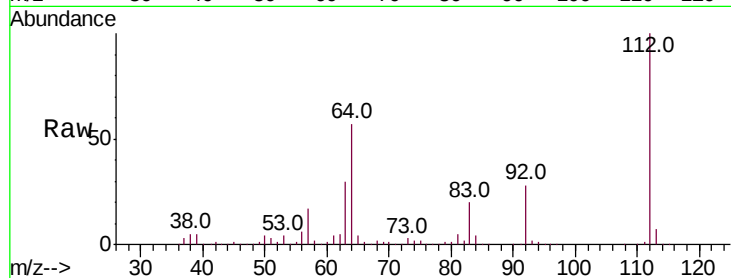
63 29.8 22.1 33.1

Manual Integrations

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#6

Aniline

Concen: 19.269 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

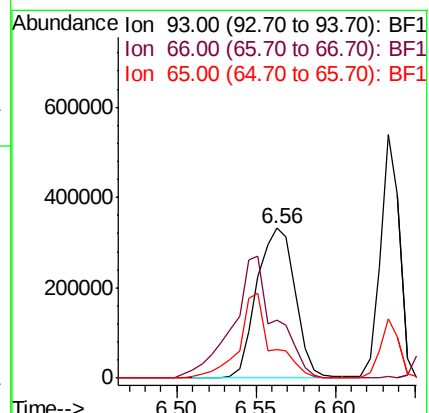
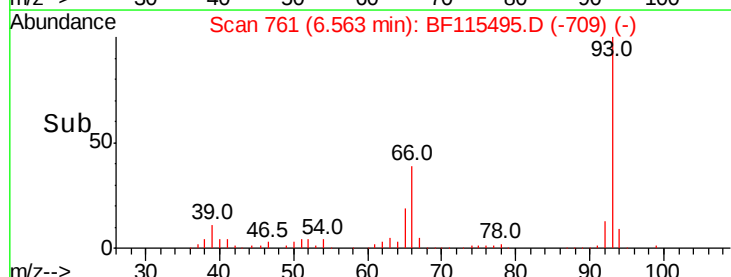
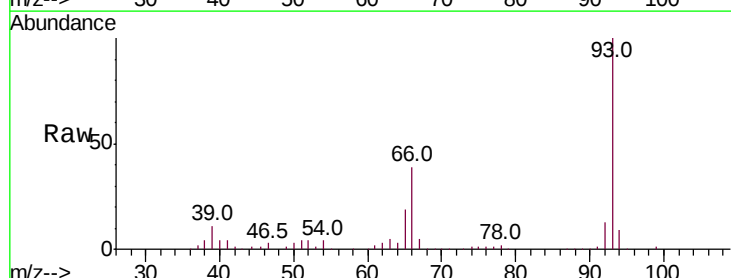
Tgt Ion: 93 Resp: 560699

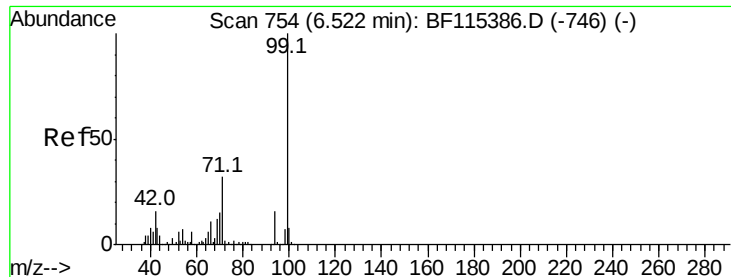
Ion Ratio Lower Upper

93 100

66 38.6 31.3 46.9

65 19.2 15.9 23.9





#7

Phenol-d6

Concen: 115.983 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion: 99 Resp: 2391630

Ion Ratio Lower Upper

99 100

42 16.3 12.8 19.2

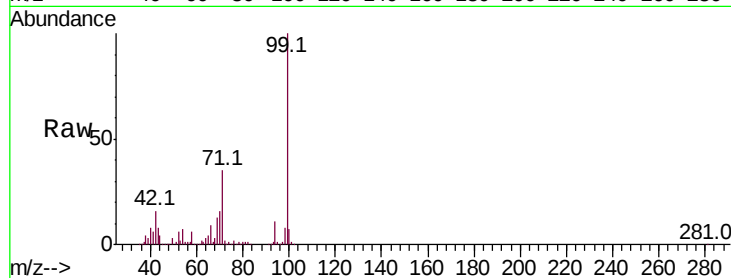
71 35.2 26.5 39.7

Manual Integrations

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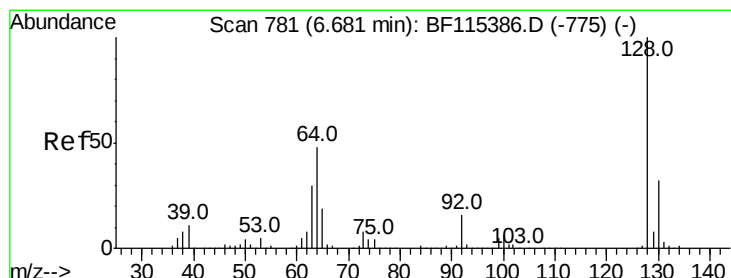
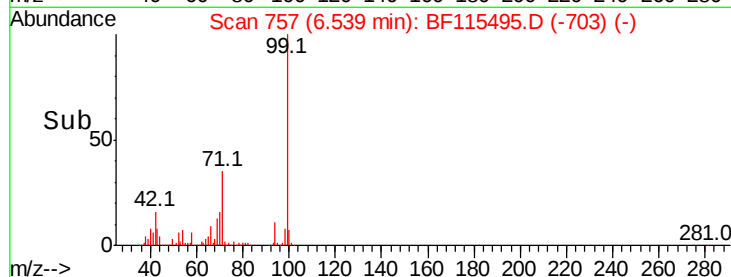
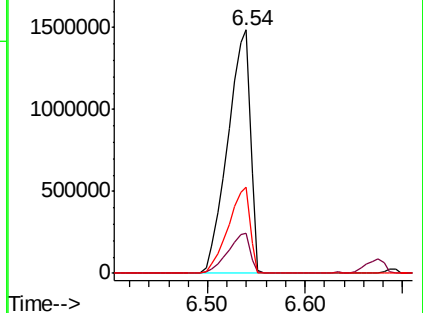
7/12/2019 10:37:31 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 25.627 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

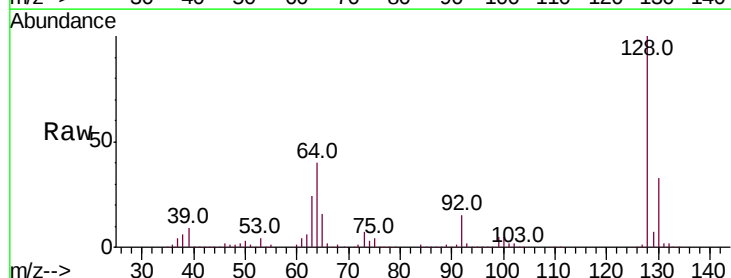
Tgt Ion: 128 Resp: 469168

Ion Ratio Lower Upper

128 100

130 33.1 11.8 51.8

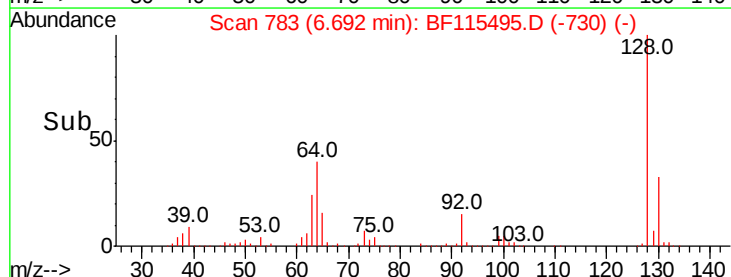
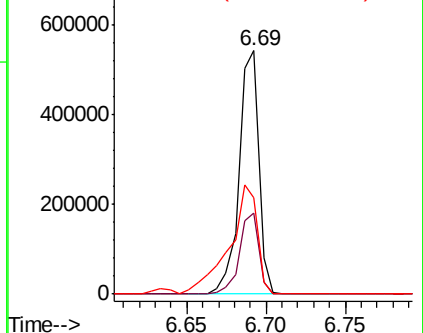
64 39.5 27.0 67.0

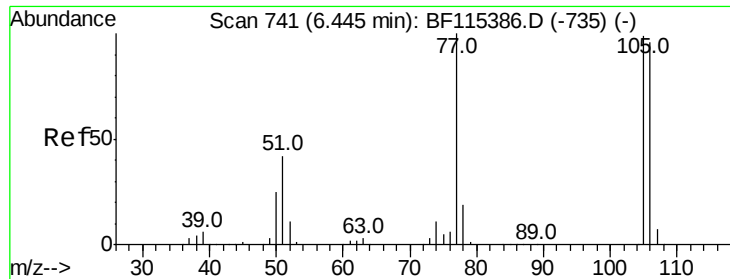


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.626 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion: 77 Resp: 382089

Ion Ratio Lower Upper

77 100

105 101.0 82.9 122.9

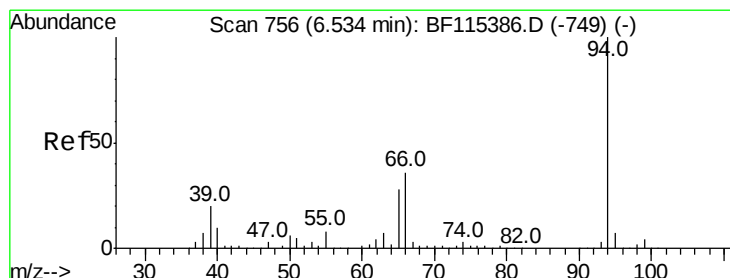
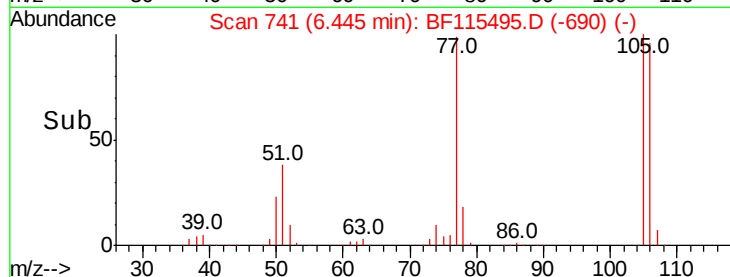
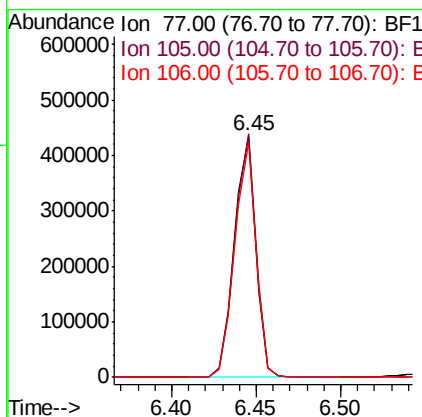
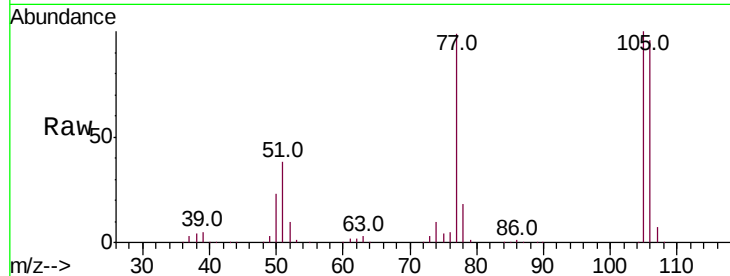
106 97.1 77.8 117.8

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#10

Phenol

Concen: 23.289 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

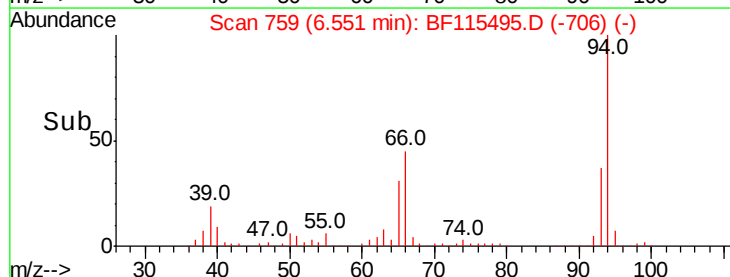
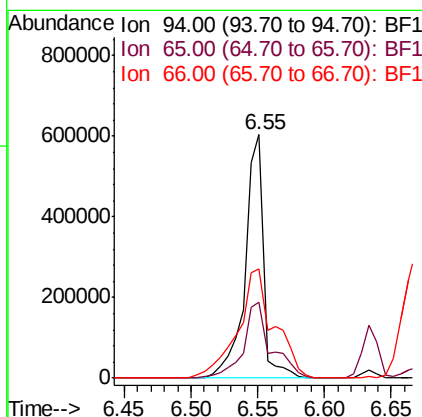
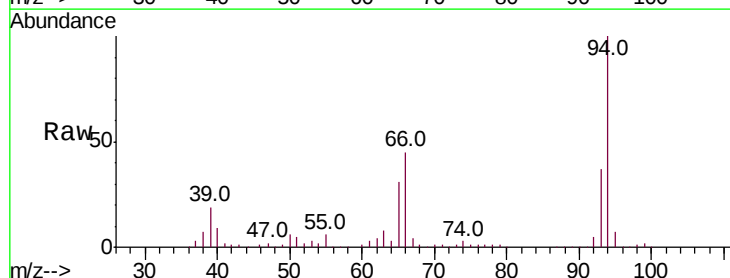
Tgt Ion: 94 Resp: 574574

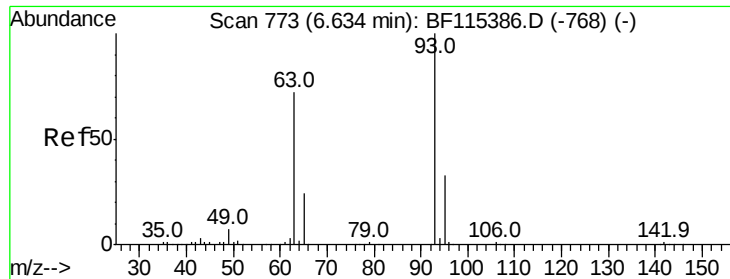
Ion Ratio Lower Upper

94 100

65 31.2 7.2 47.2

66 44.8 16.9 56.9





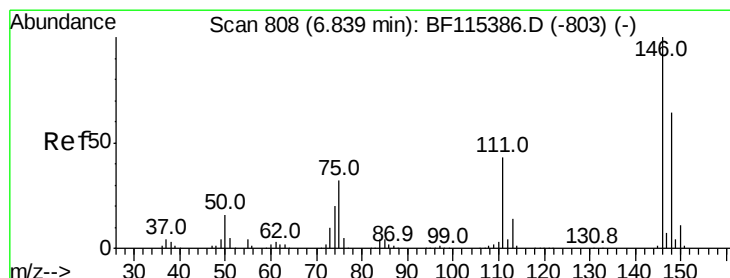
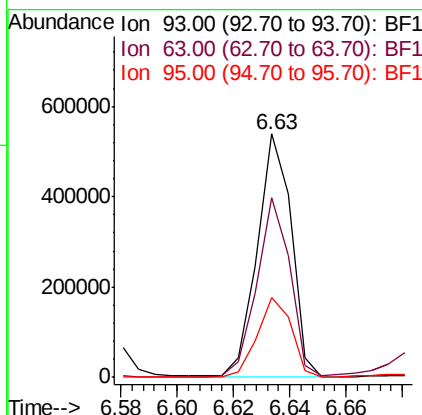
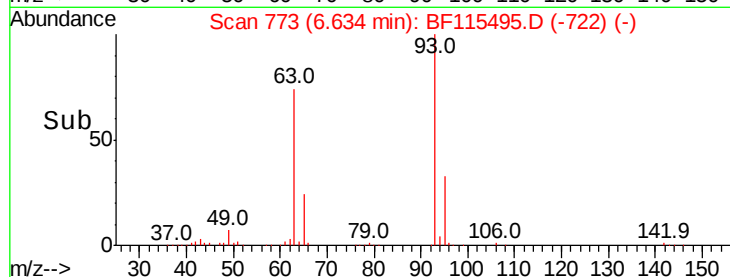
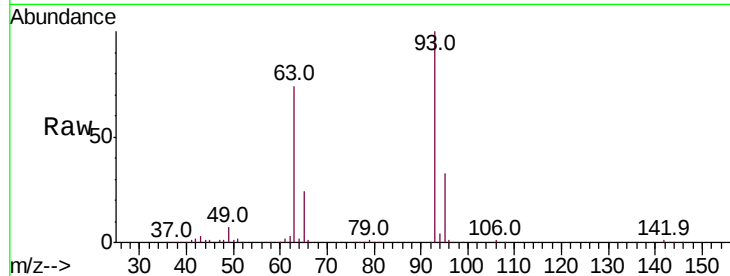
#11  
bis(2-Chloroethyl)ether  
Concen: 24.679 ng  
RT: 6.63 min Scan# 773  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 73.8  | 50.0  | 90.0  |
| 95      | 33.0  | 12.6  | 52.6  |

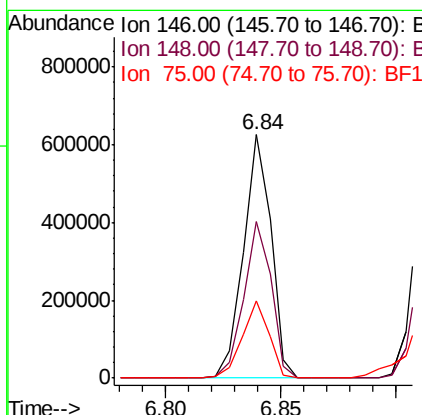
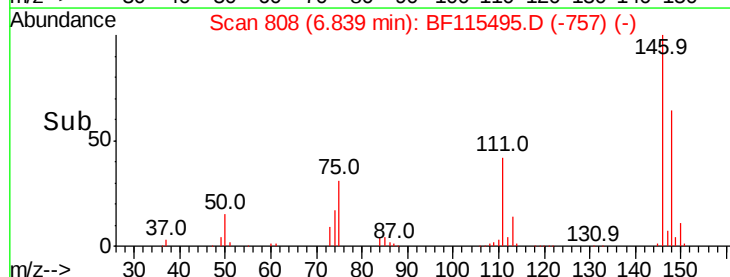
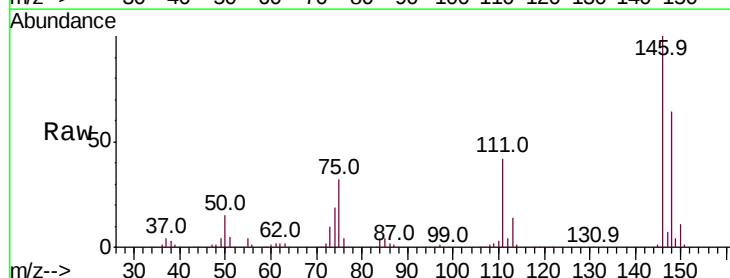
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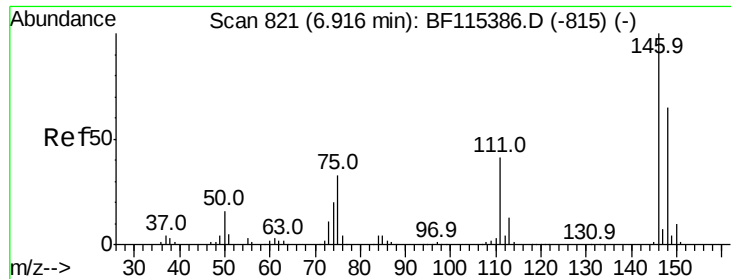
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 26.068 ng  
RT: 6.84 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 52.3  | 78.5  |
| 75      | 31.7  | 24.8  | 37.2  |





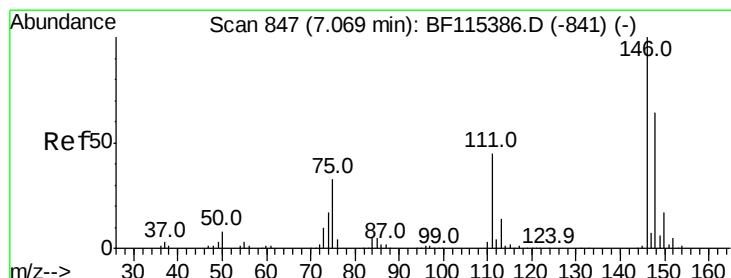
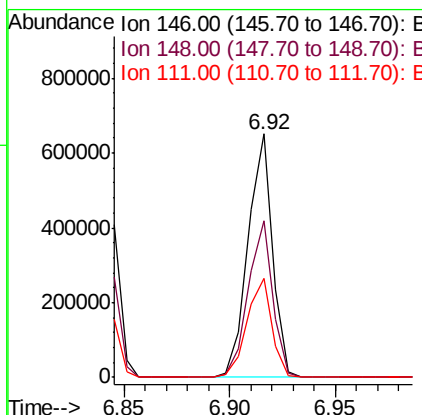
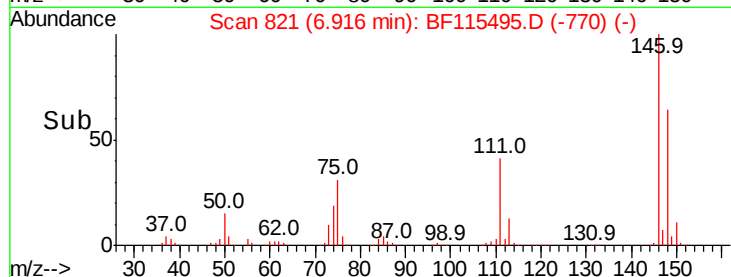
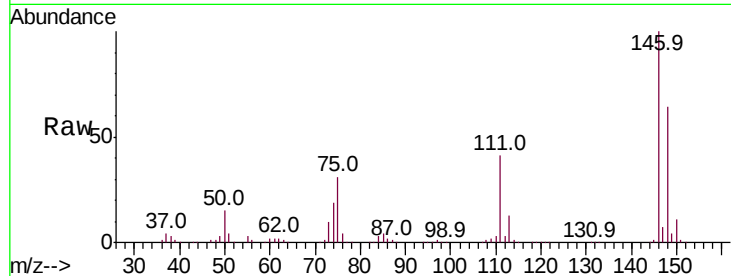
#13  
 1,4-Dichlorobenzene  
 Concen: 26.065 ng  
 RT: 6.92 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 51.3  | 76.9  |
| 111     | 40.6  | 32.1  | 48.1  |

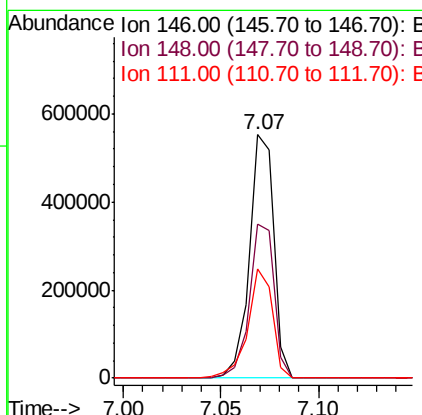
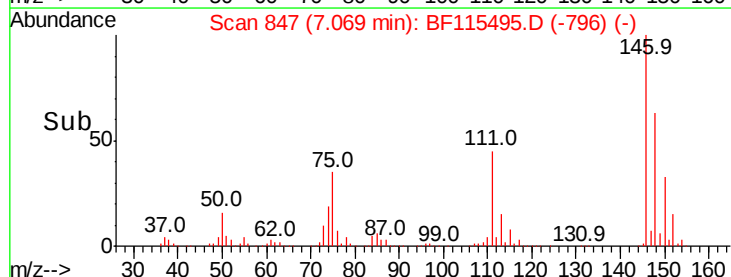
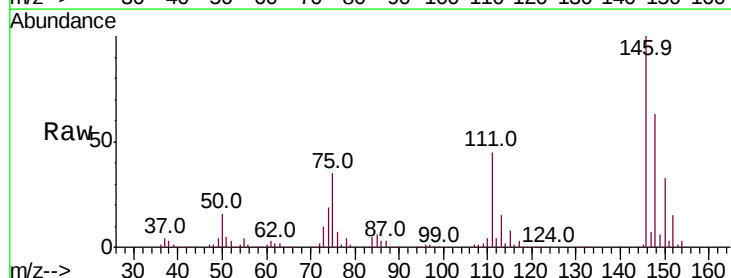
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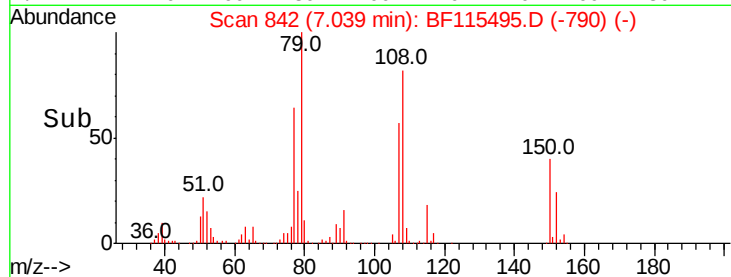
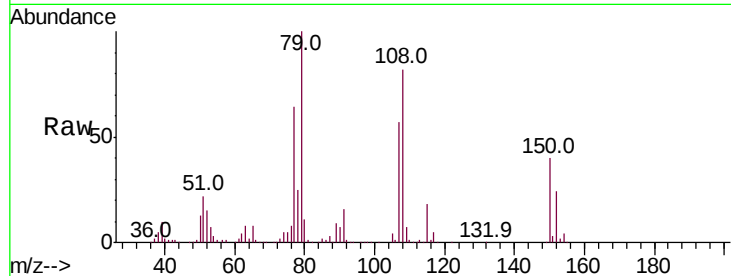
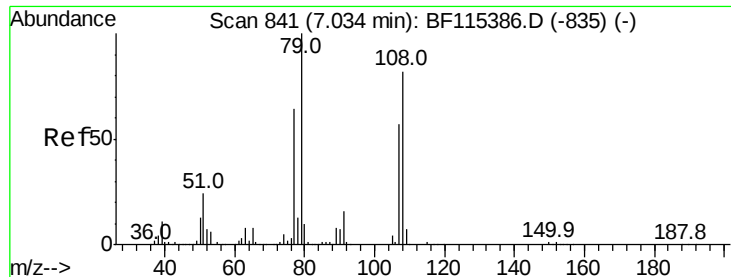
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 25.773 ng  
 RT: 7.07 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.4  | 50.6  | 75.8  |
| 111     | 44.8  | 35.4  | 53.2  |





#15

Benzyl Alcohol

Concen: 26.302 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 435211 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.0  | 65.3  | 97.9   |
| 77        | 63.6  | 50.6  | 75.8   |

Instrument :

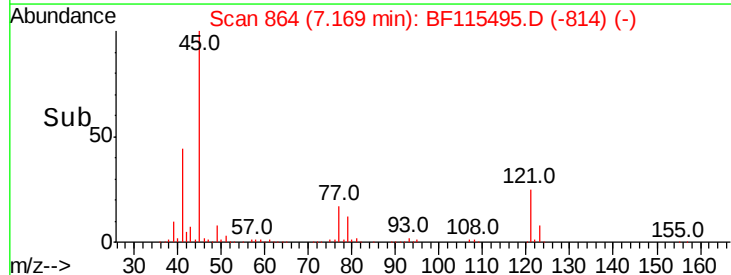
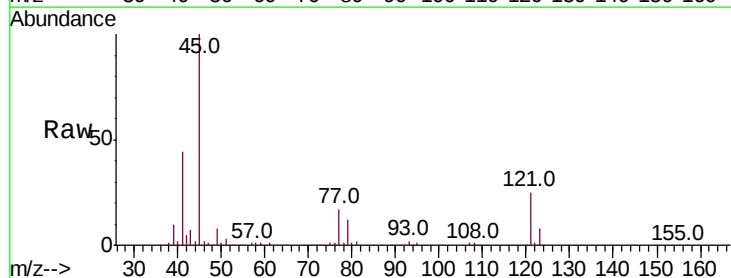
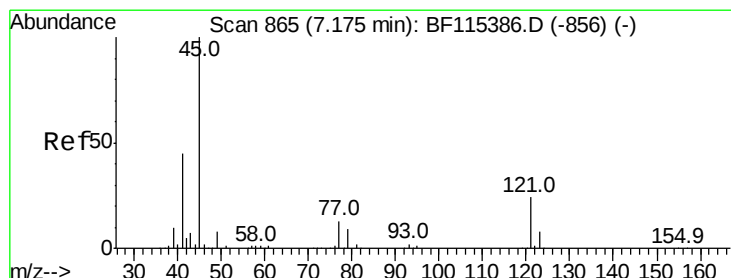
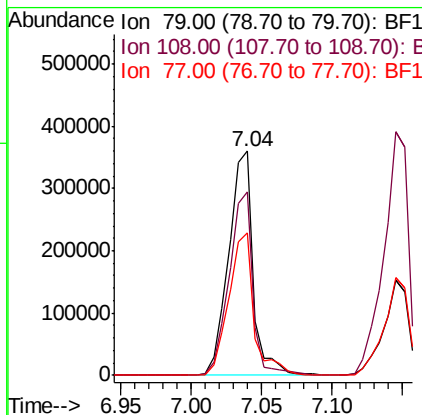
BNA\_F

ClientSampled :

PB121170BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.658 ng

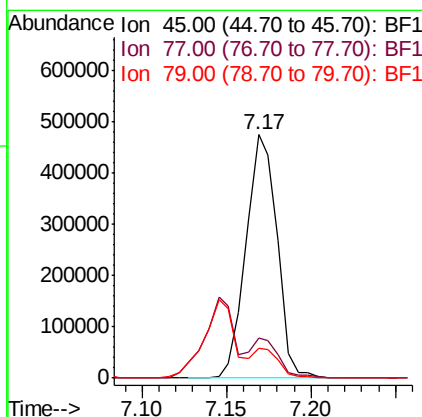
RT: 7.17 min Scan# 864

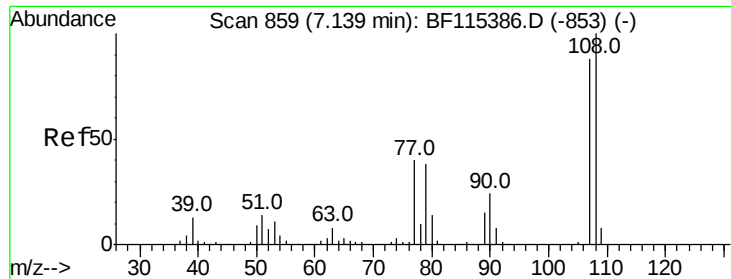
Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 605448 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 16.5  | 0.0   | 36.4   |
| 79        | 12.3  | 0.0   | 33.4   |





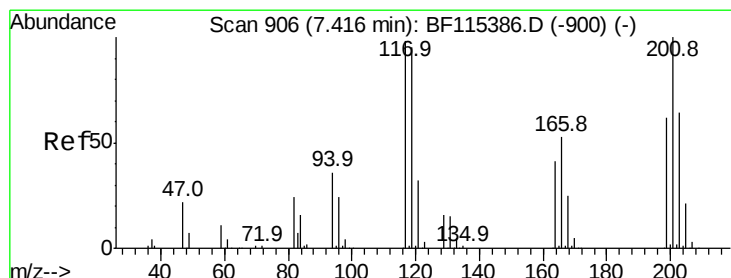
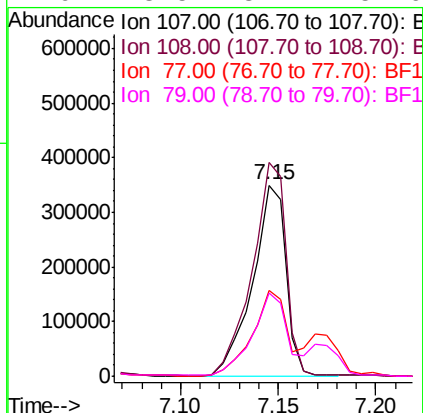
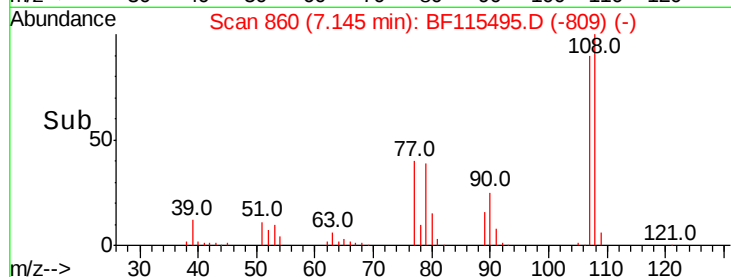
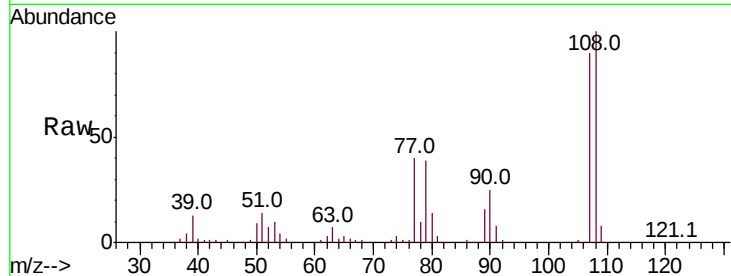
#17  
2-Methylphenol  
Concen: 26.405 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.7 | 90.0  | 135.0 |
| 77      | 45.0  | 35.0  | 52.4  |
| 79      | 43.5  | 34.4  | 51.6  |

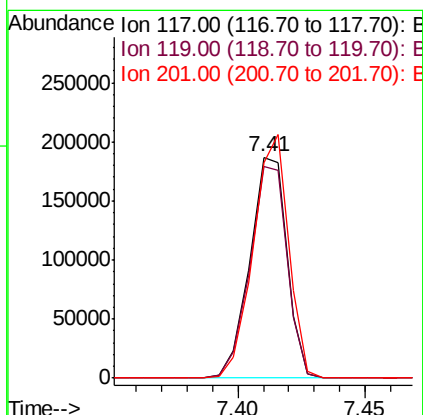
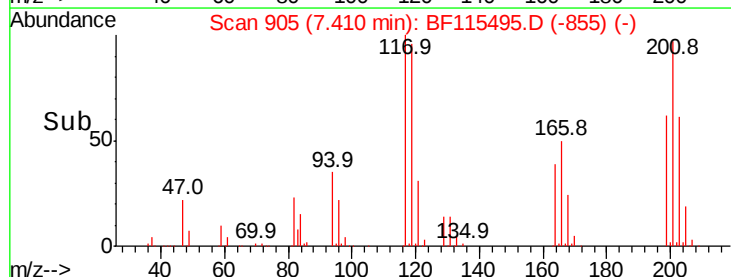
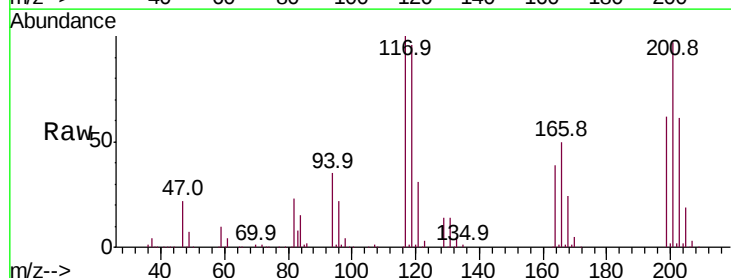
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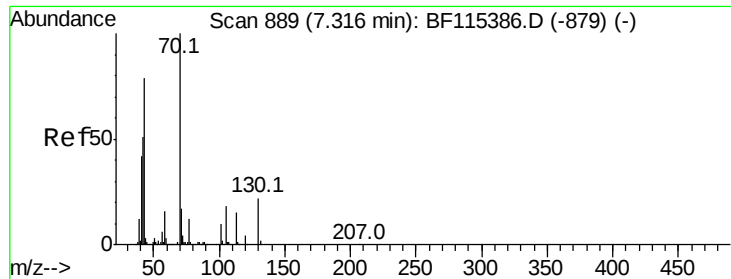
mohammad  
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#18  
Hexachloroethane  
Concen: 25.600 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.8  | 76.8  | 115.2 |
| 201     | 97.5  | 85.8  | 128.6 |





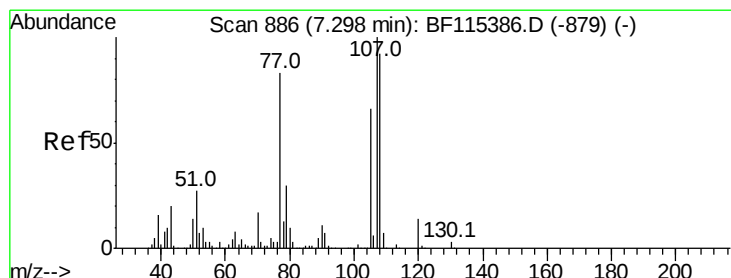
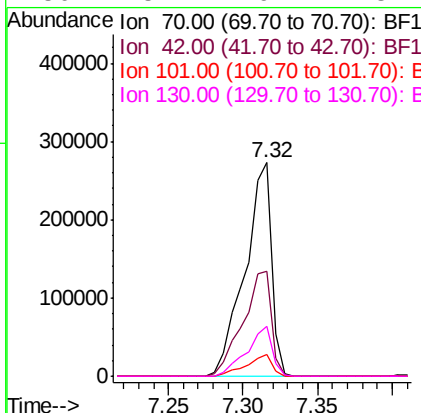
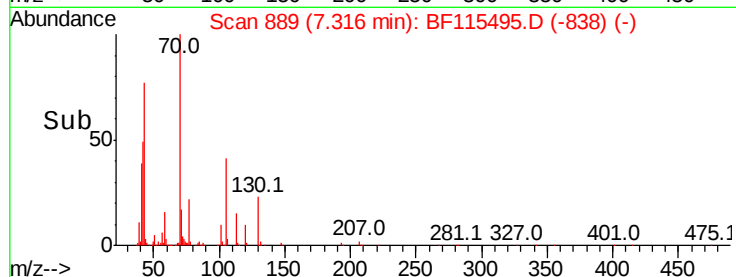
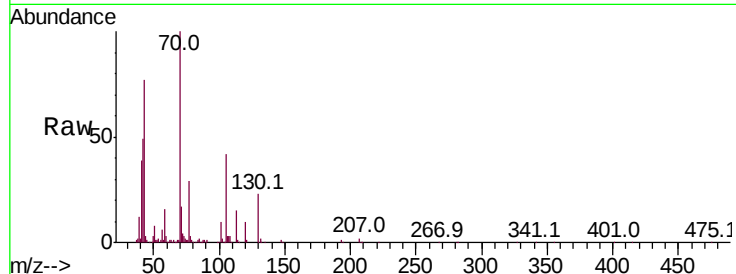
#19  
n-Nitroso-di-n-propylamine  
Concen: 24.220 ng  
RT: 7.32 min Scan# 889  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 49.2 | 38.5  | 57.7 |       |       |
| 101     | 10.2 | 8.0   | 12.0 |       |       |
| 130     | 23.4 | 19.1  | 28.7 |       |       |

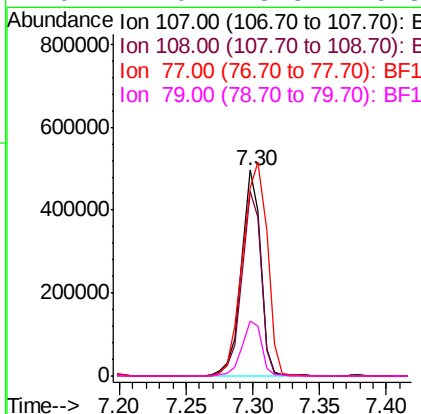
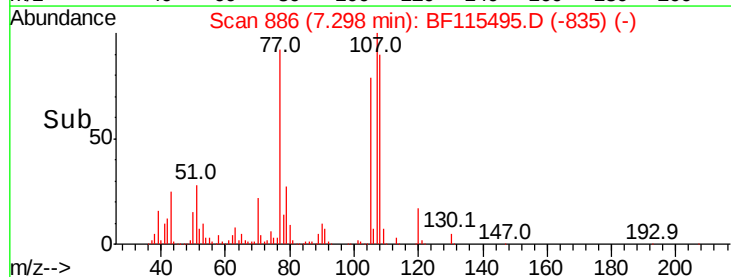
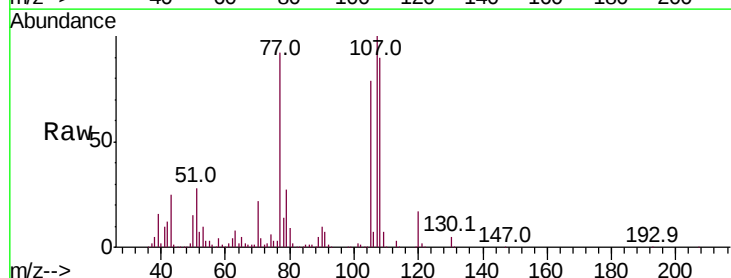
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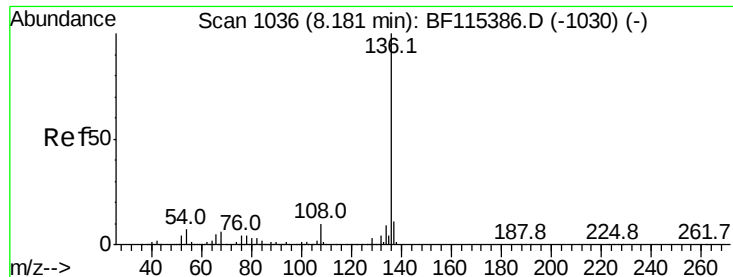
mohammad  
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#20  
3+4-Methylphenols  
Concen: 26.784 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 89.7 | 70.5  | 110.5 |       |       |
| 77      | 91.7 | 63.0  | 103.0 |       |       |
| 79      | 27.0 | 8.3   | 48.3  |       |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

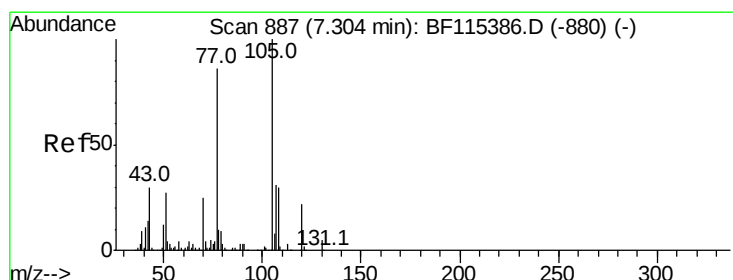
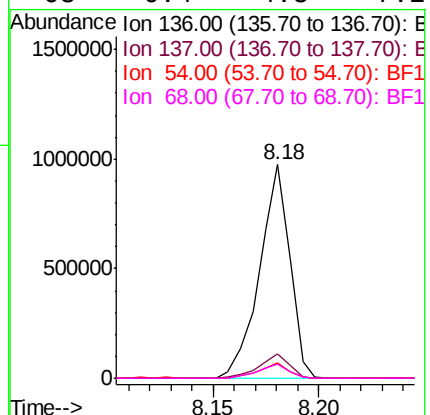
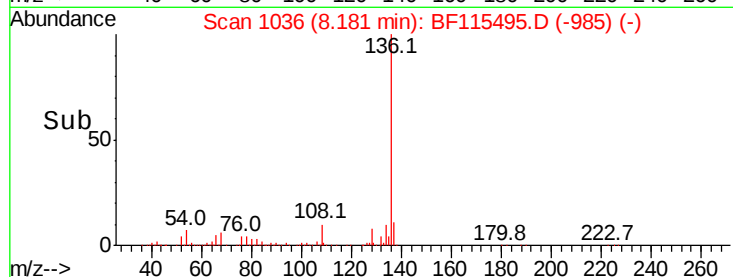
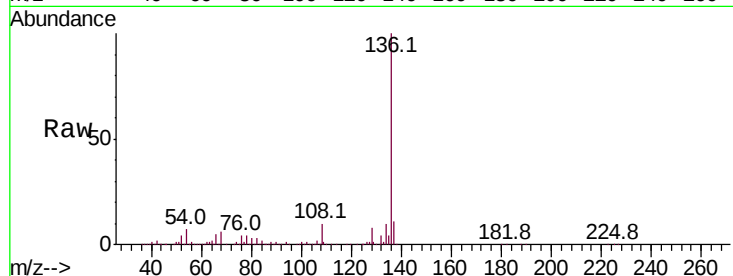
ClientSampleId :

PB121170BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.4  | 8.8  | 13.2  |       |
| 54      | 6.9   | 5.4  | 8.0   |       |
| 68      | 6.4   | 4.8  | 7.2   |       |

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#22

Acetophenone

Concen: 28.710 ng

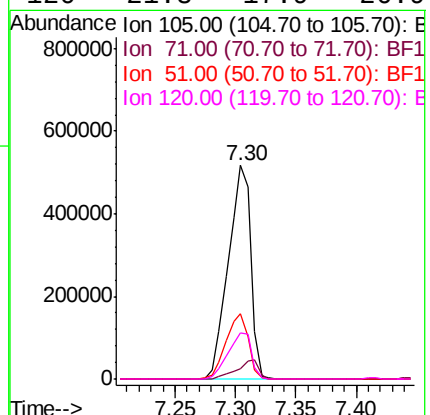
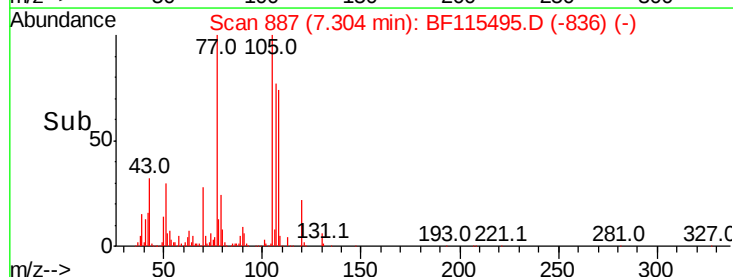
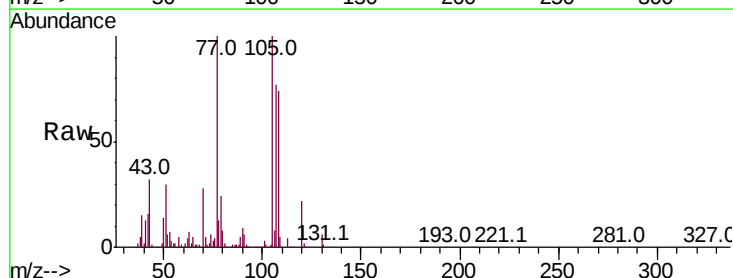
RT: 7.30 min Scan# 887

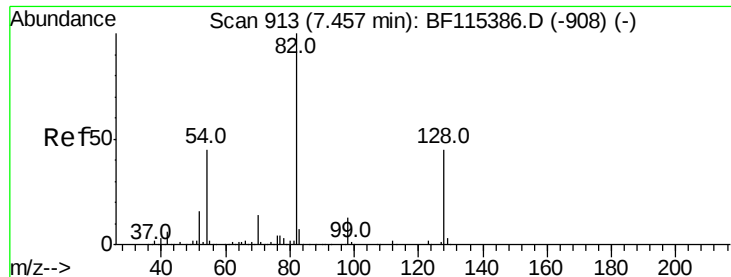
Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 4.7   | 3.5  | 5.3   |       |
| 51      | 30.4  | 22.6 | 33.8  |       |
| 120     | 21.8  | 17.9 | 26.9  |       |





#23

Nitrobenzene-d5

Concen: 93.640 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion: 82 Resp: 1536573

Ion Ratio Lower Upper

82 100

128 46.7 36.7 55.1

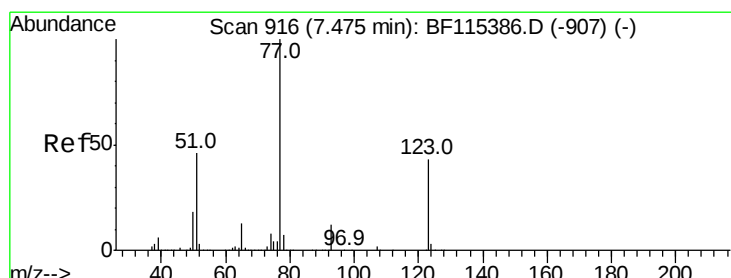
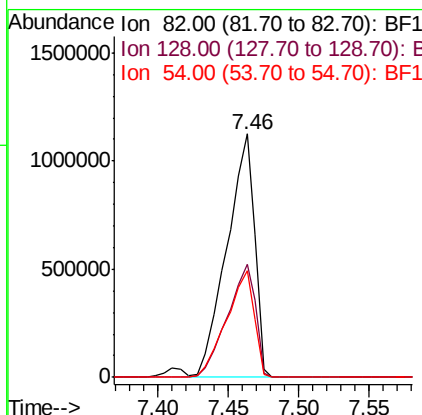
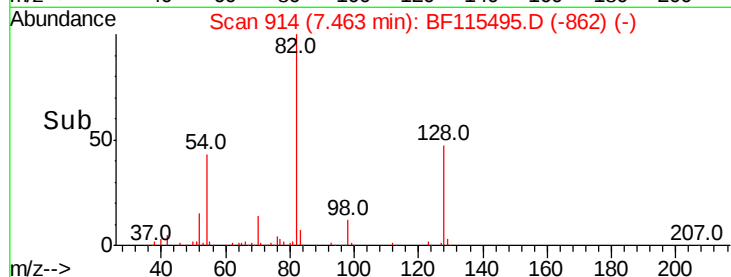
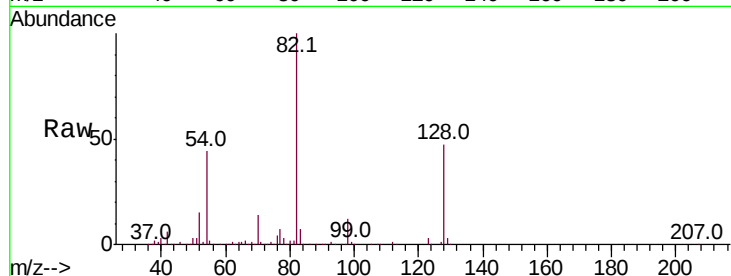
54 43.7 35.6 53.4

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#24

Nitrobenzene

Concen: 27.944 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

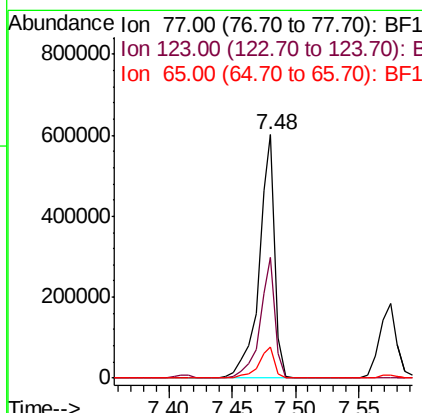
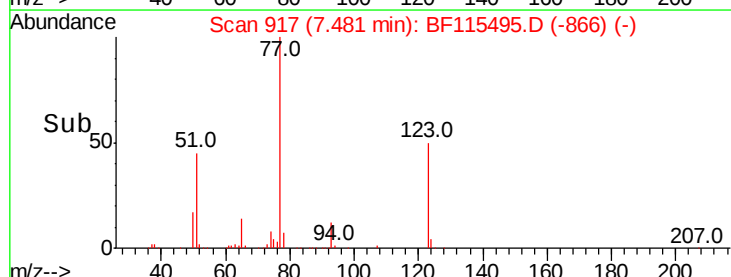
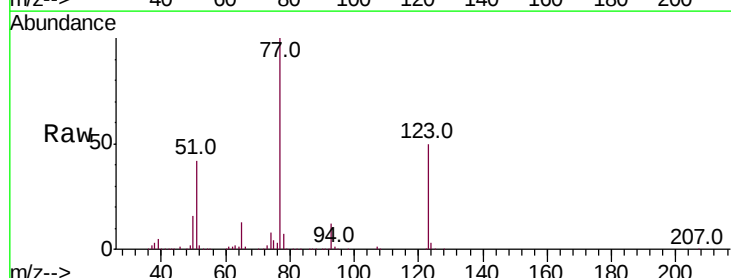
Tgt Ion: 77 Resp: 517854

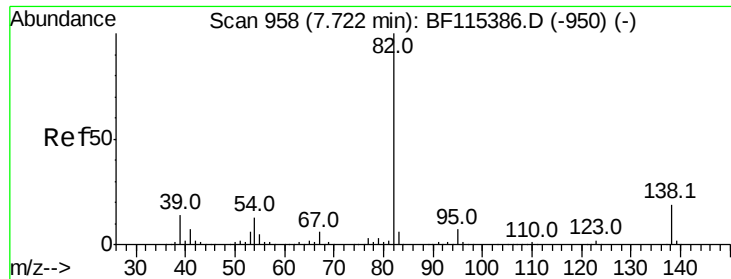
Ion Ratio Lower Upper

77 100

123 49.8 40.4 60.6

65 12.9 10.4 15.6





#25

Isophorone

Concen: 26.784 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

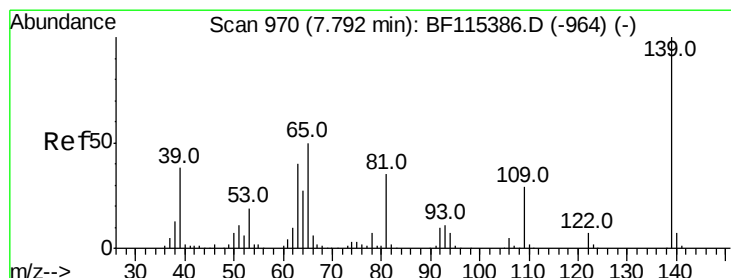
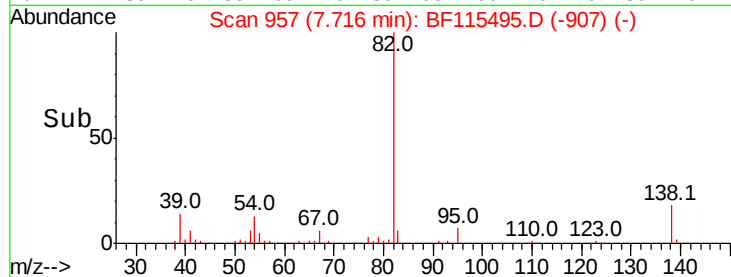
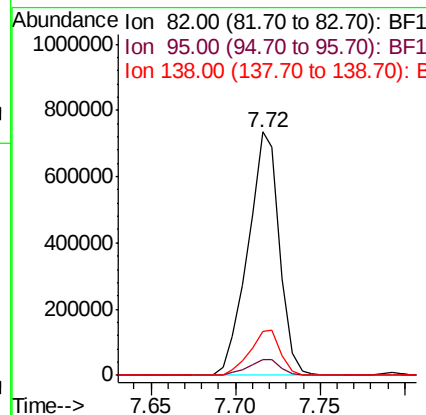
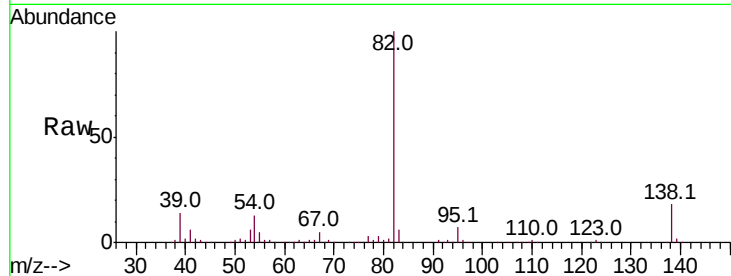
ClientSampleId :

PB121170BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 952645 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.4   | 8.2    |
| 138       | 18.1  | 15.1  | 22.7   |

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#26

2-Nitrophenol

Concen: 35.548 ng

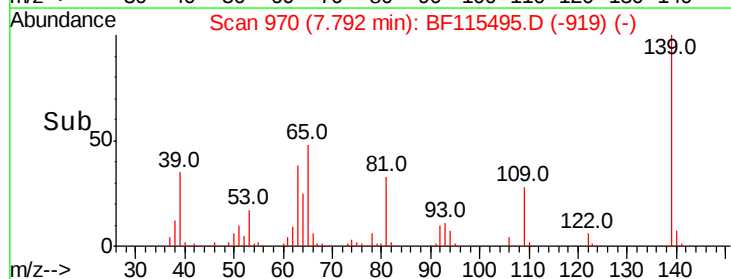
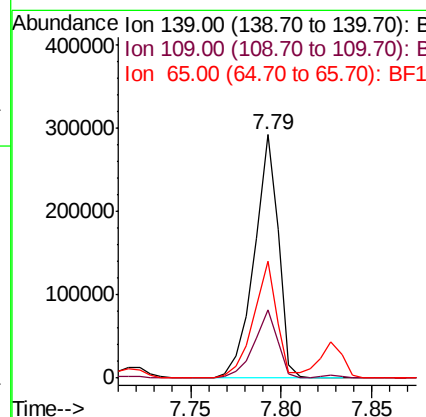
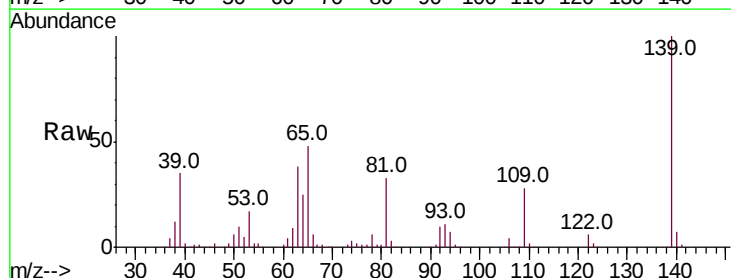
RT: 7.79 min Scan# 970

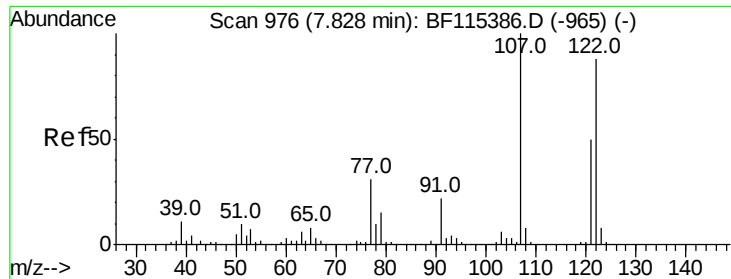
Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 270841 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.0  | 22.2  | 33.4   |
| 65        | 48.2  | 37.5  | 56.3   |





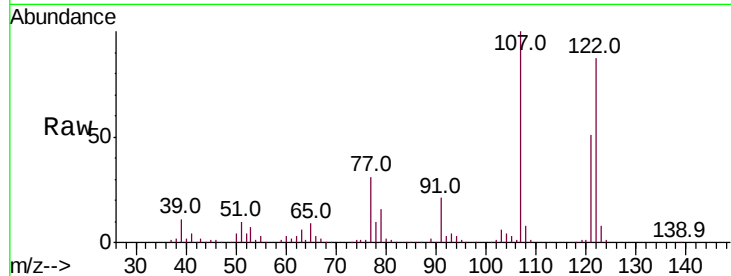
#27  
2,4-Dimethylphenol  
Concen: 31.879 ng  
RT: 7.83 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.7 | 91.7  | 137.5 |
| 121     | 59.0  | 47.7  | 71.5  |

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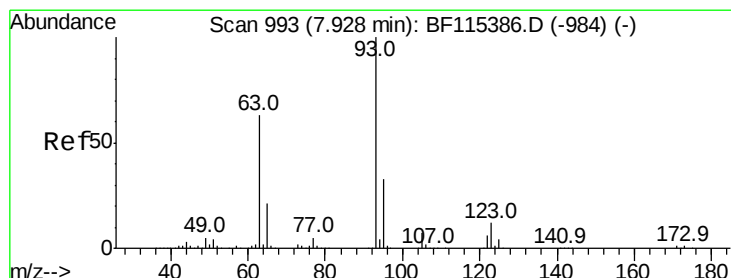
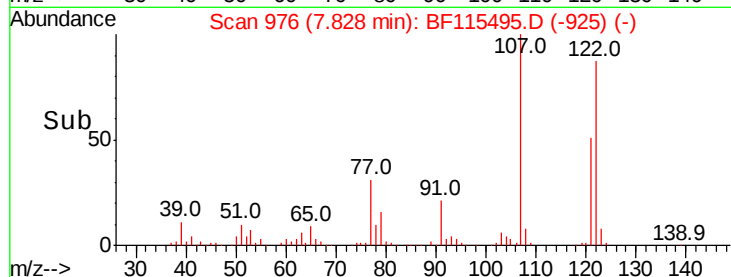
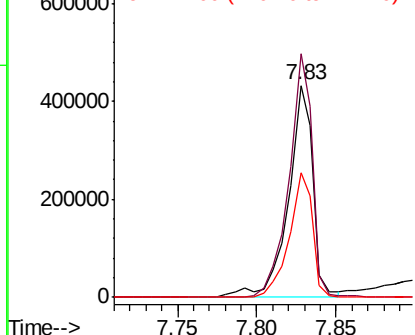


Abundance

Ion 122.00 (121.70 to 122.70): E

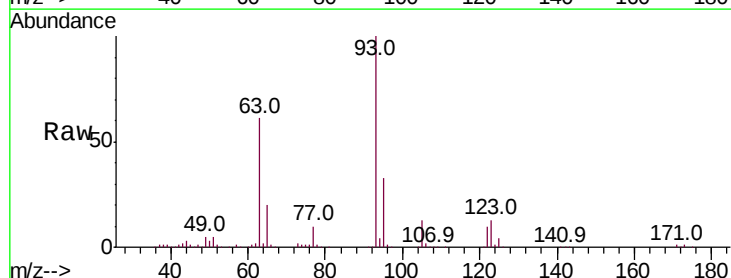
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 26.534 ng  
RT: 7.93 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 26.6  | 39.8  |
| 123     | 12.9  | 10.4  | 15.6  |

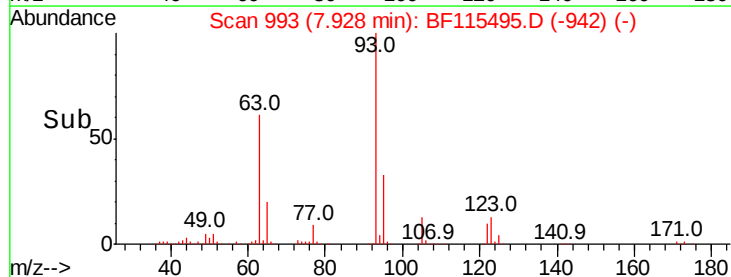
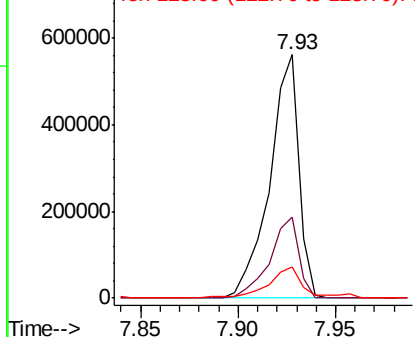


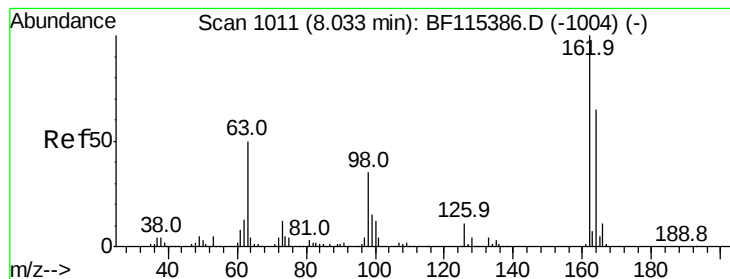
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





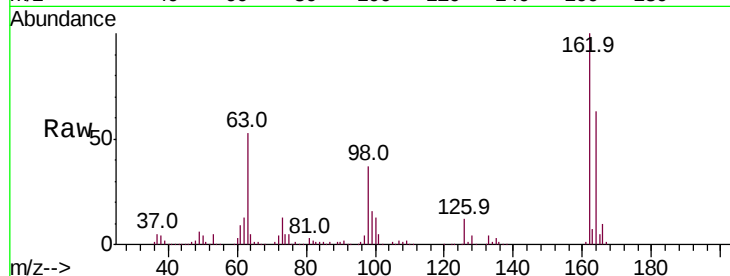
#29  
2,4-Dichlorophenol  
Concen: 29.292 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

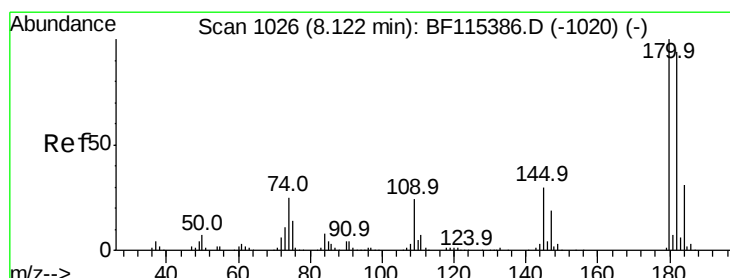
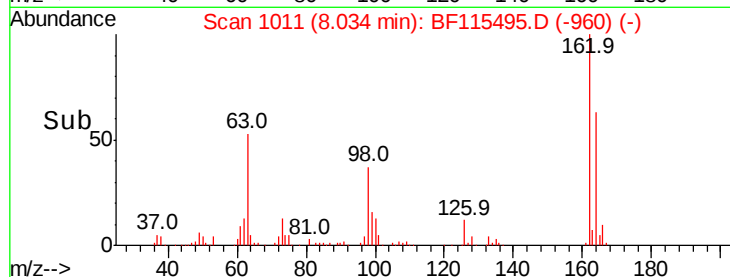
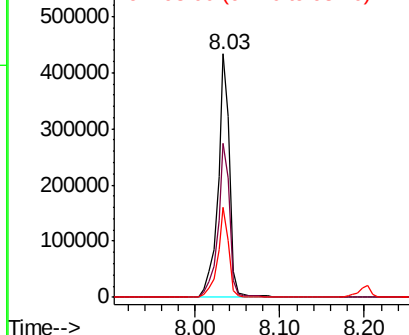
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 63.3  | 45.2       | 85.2  |
| 98      | 37.2  | 17.0       | 57.0  |

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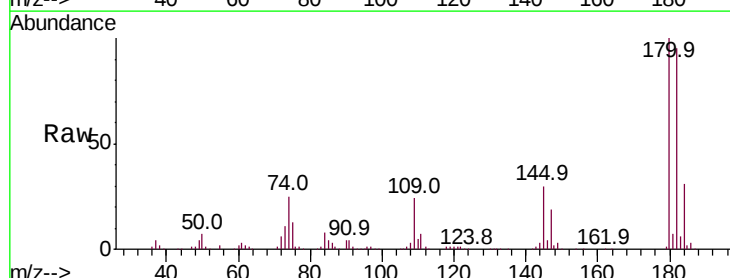


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

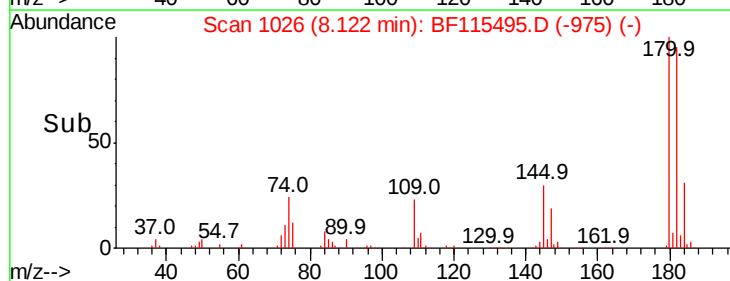
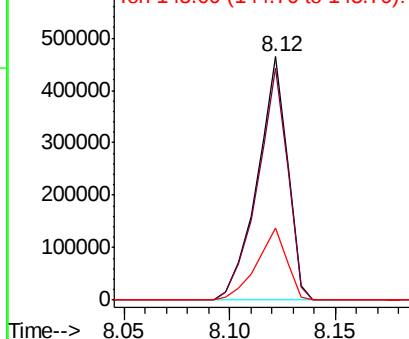


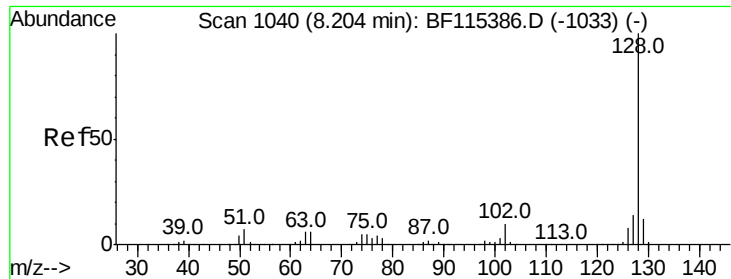
#30  
1,2,4-Trichlorobenzene  
Concen: 28.708 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.4  | 77.1       | 115.7 |
| 145     | 29.6  | 23.9       | 35.9  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





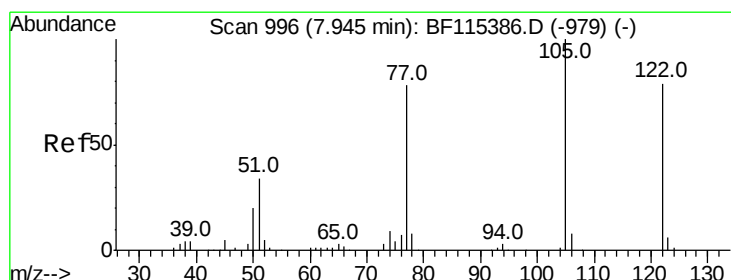
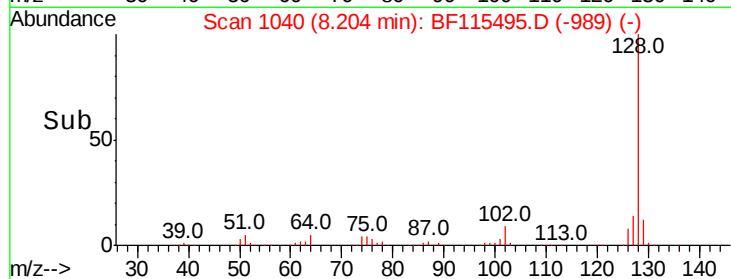
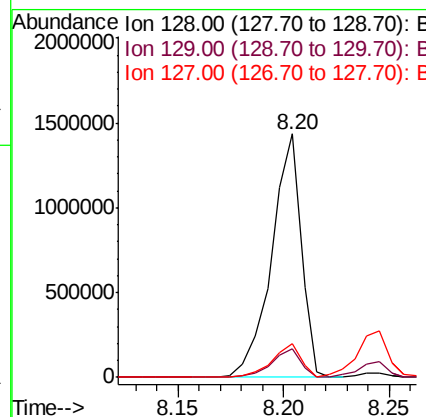
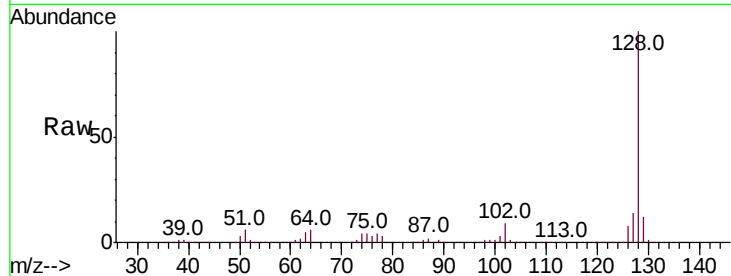
#31  
Naphthalene  
Concen: 29.172 ng  
RT: 8.20 min Scan# 1040  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.3   | 13.9  |
| 127     | 13.7  | 11.1  | 16.7  |

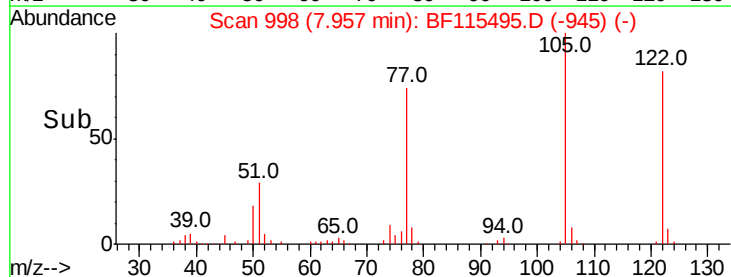
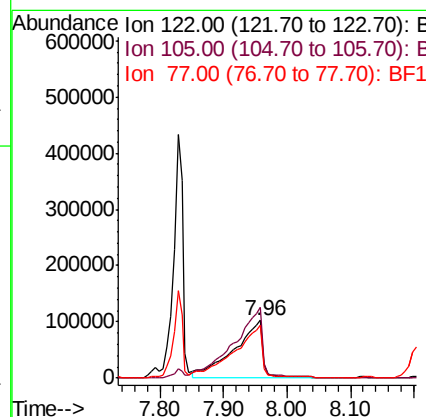
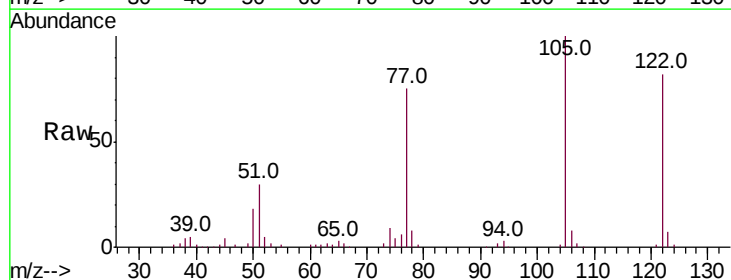
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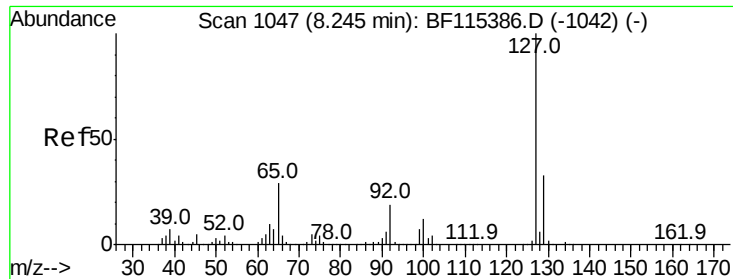
mohammad  
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#32  
Benzoic acid  
Concen: 32.693 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 121.9 | 101.6 | 141.6 |
| 77      | 91.9  | 69.1  | 109.1 |





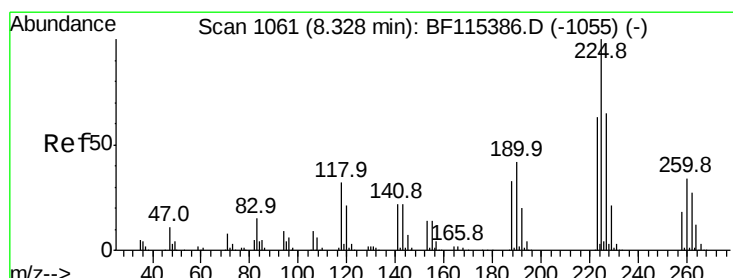
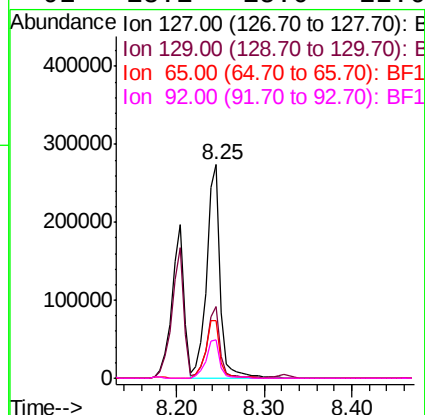
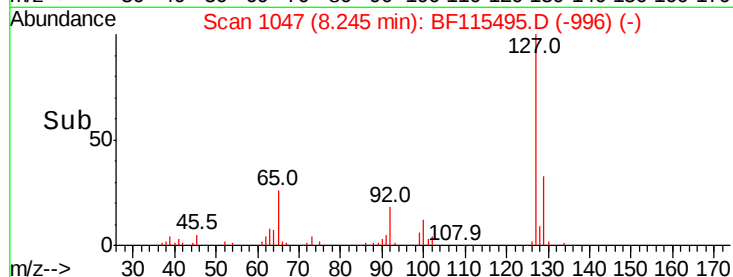
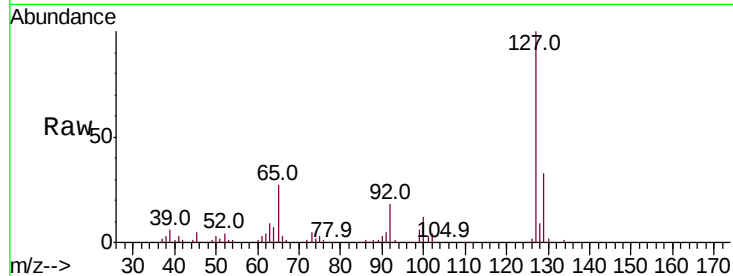
#33  
4-Chloroaniline  
Concen: 13.789 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.3 | 26.1  | 39.1 |       |       |
| 65      | 26.9 | 23.2  | 34.8 |       |       |
| 92      | 18.1 | 15.0  | 22.6 |       |       |

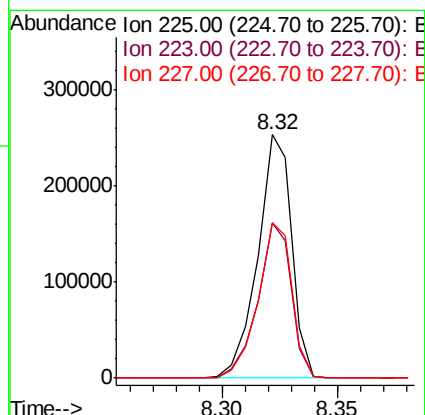
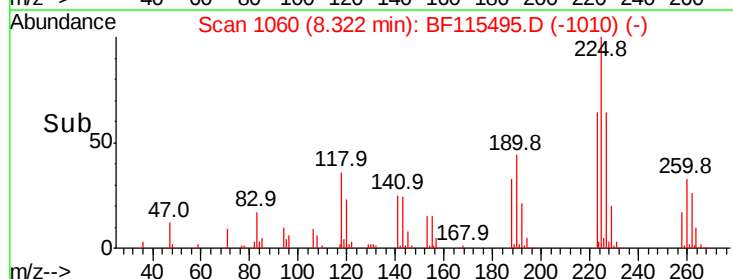
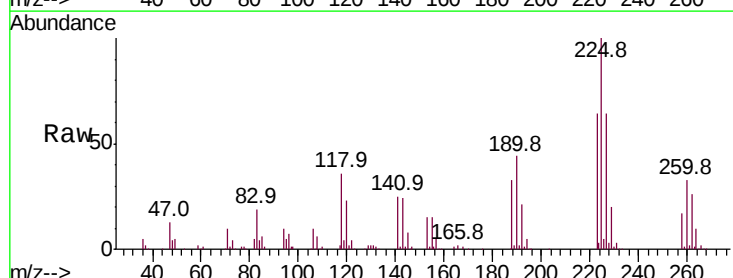
Manual Integrations  
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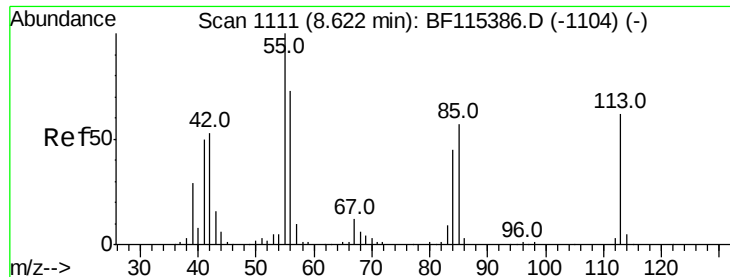
mohammad  
7/12/2019 10:37:31 PM



#34  
Hexachlorobutadiene  
Concen: 28.263 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.7 | 50.6  | 76.0 |       |       |
| 227     | 63.7 | 51.4  | 77.2 |       |       |





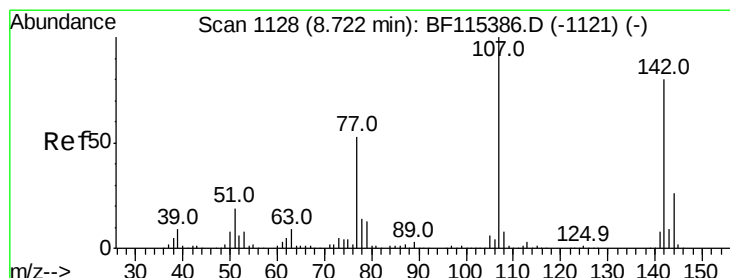
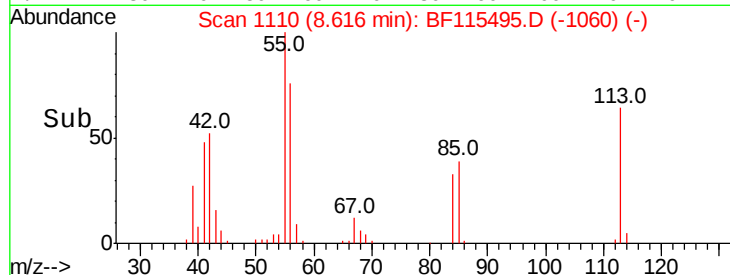
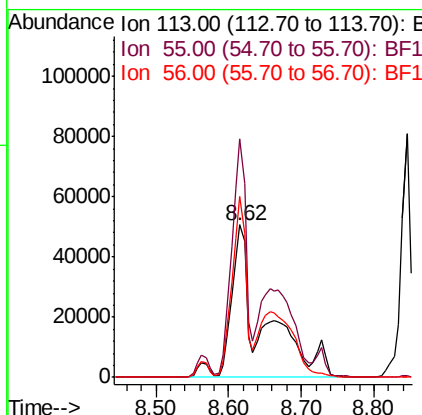
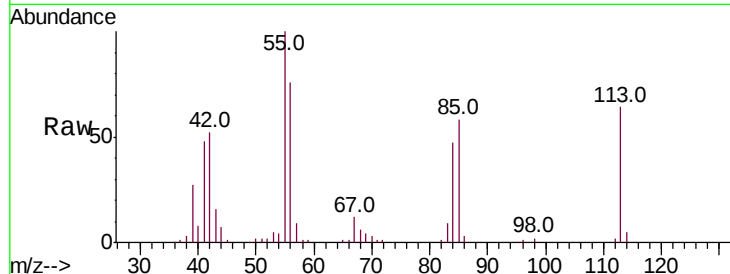
#35  
Caprolactam  
Concen: 32.408 ng/ml  
RT: 8.62 min Scan# 1110  
Delta R.T. -0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleID :  
PB121170BS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 156.6 | 138.1 | 178.1 |       |       |
| 56      | 118.8 | 95.7  | 135.7 |       |       |

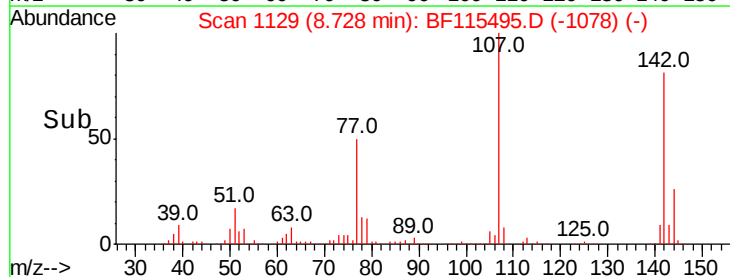
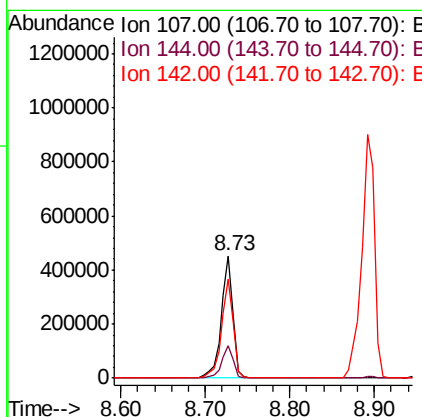
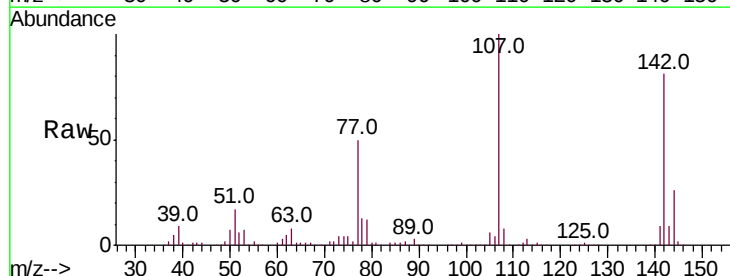
Manual Integrations  
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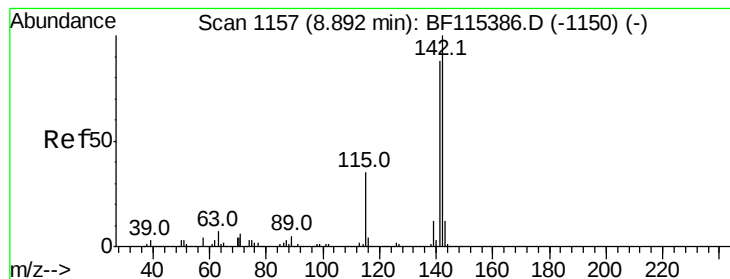
mohammad  
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#36  
4-Chloro-3-methylphenol  
Concen: 28.813 ng/ml  
RT: 8.73 min Scan# 1129  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 26.1 | 21.5  | 32.3 |       |       |
| 142     | 81.1 | 66.2  | 99.2 |       |       |





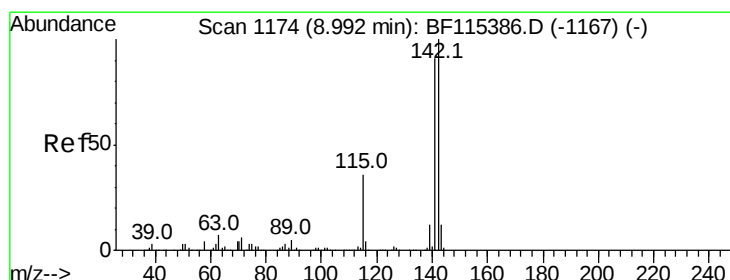
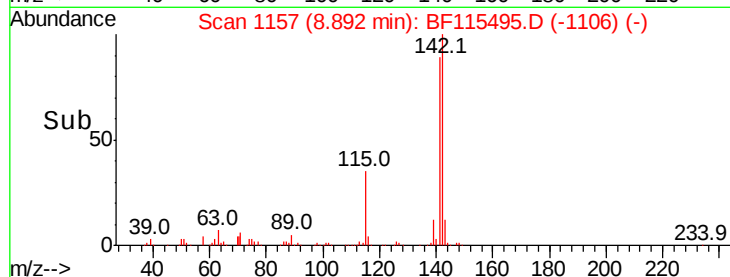
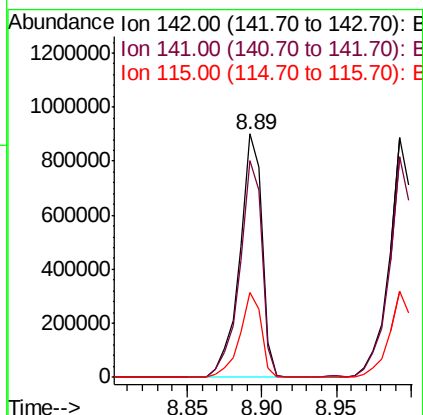
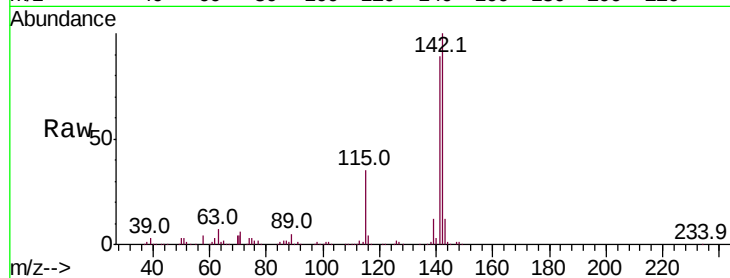
#37  
2-Methylnaphthalene  
Concen: 29.138 ng  
RT: 8.89 min Scan# 1157  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 72.1  | 108.1 |
| 115     | 34.6  | 27.6  | 41.4  |

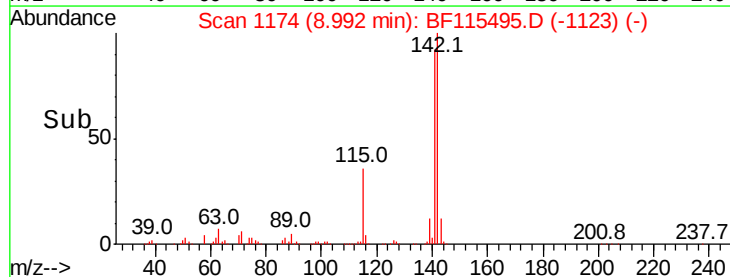
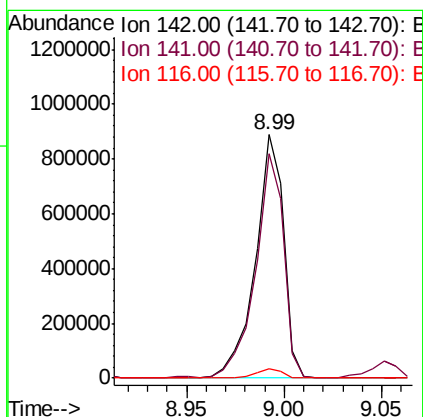
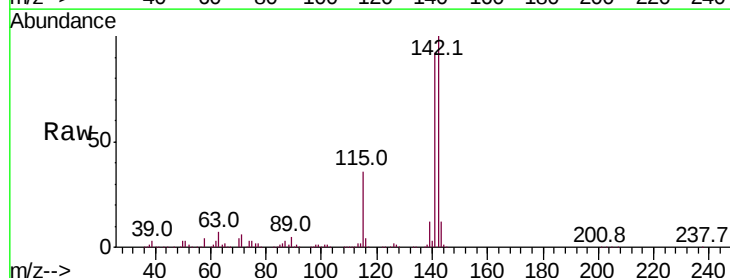
Manual Integrations  
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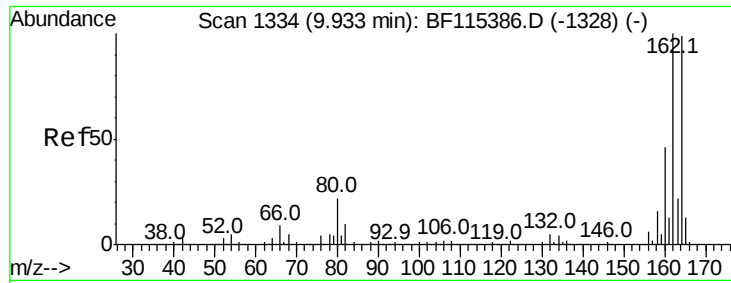
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 28.790 ng  
RT: 8.99 min Scan# 1174  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 74.3  | 111.5 |
| 116     | 3.8   | 3.1   | 4.7   |





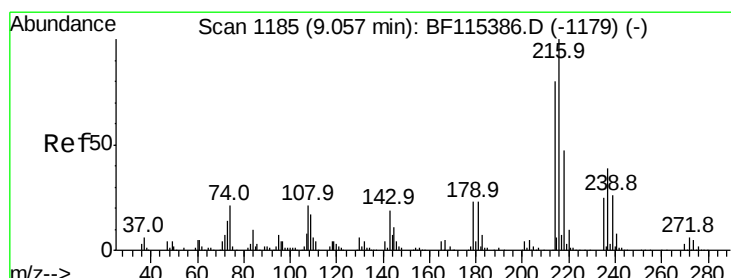
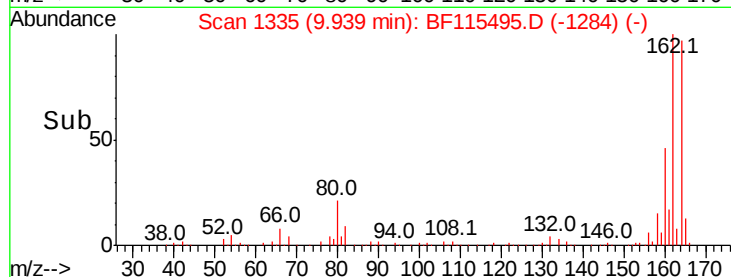
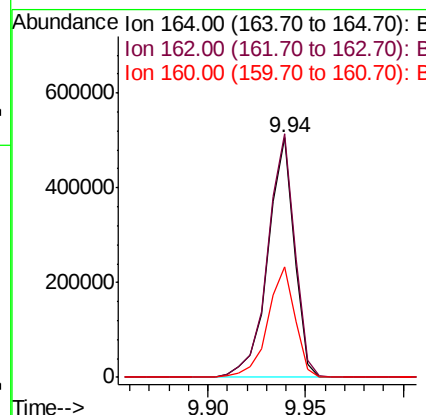
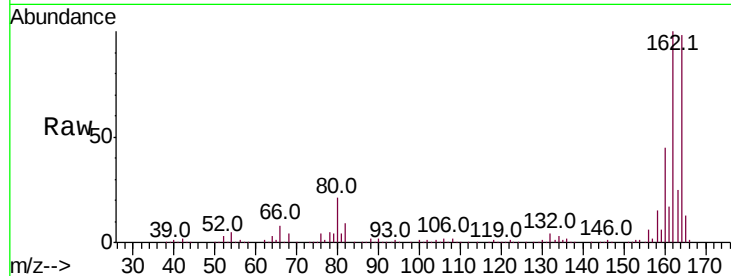
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.7 | 82.3  | 123.5 |
| 160     | 46.3  | 37.2  | 55.8  |

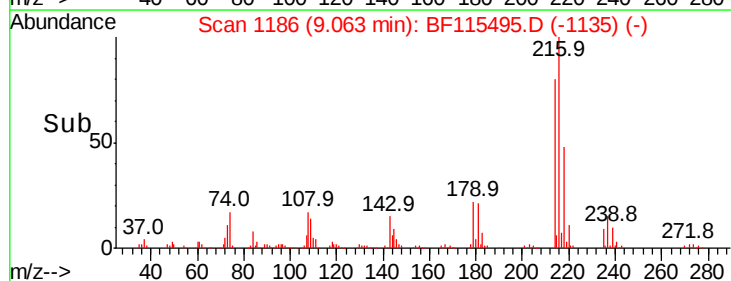
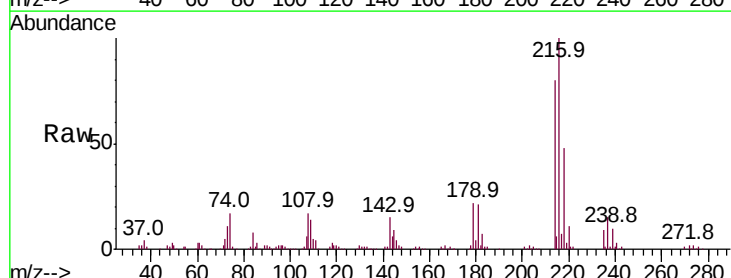
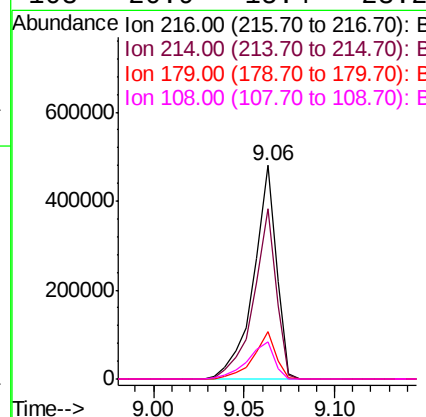
Manual Integrations  
APPROVED

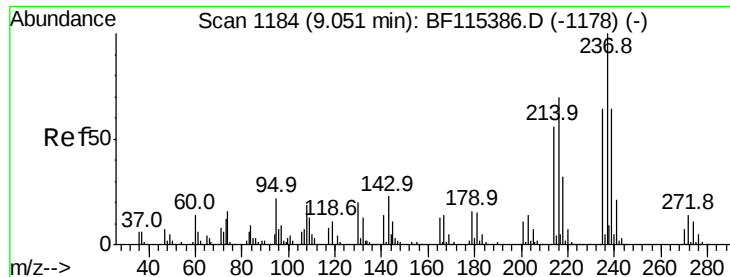
mohammad  
7/12/2019 10:37:31 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 30.815 ng  
RT: 9.06 min Scan# 1186  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.5  | 63.0  | 94.6  |
| 179     | 21.5  | 17.4  | 26.0  |
| 108     | 20.9  | 15.4  | 23.2  |





#41

Hexachlorocyclopentadiene

Concen: 60.560 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

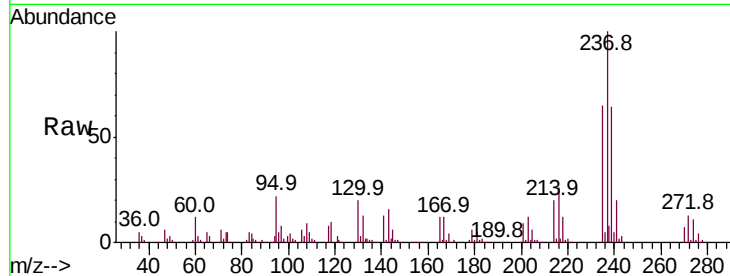
ClientSampleId :

PB121170BS

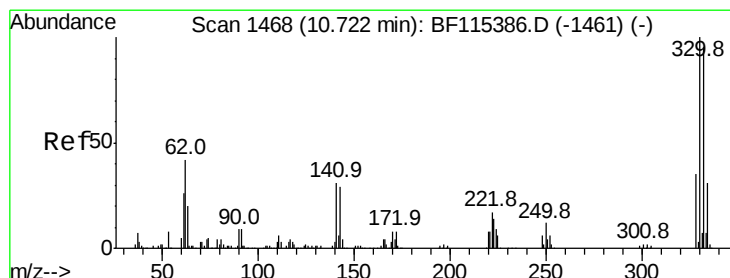
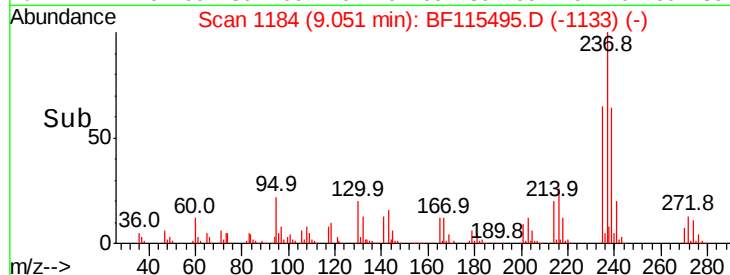
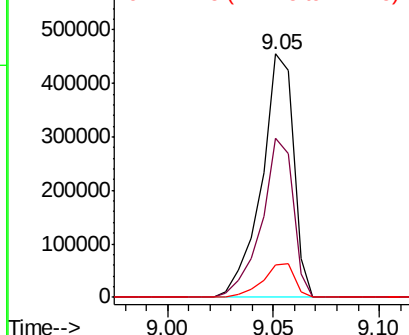
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 480135 |       |       |
| 235     | 65.1  | 43.4   | 83.4  |       |
| 272     | 13.3  | 0.0    | 33.6  |       |

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



#42

2,4,6-Tribromophenol

Concen: 142.403 ng

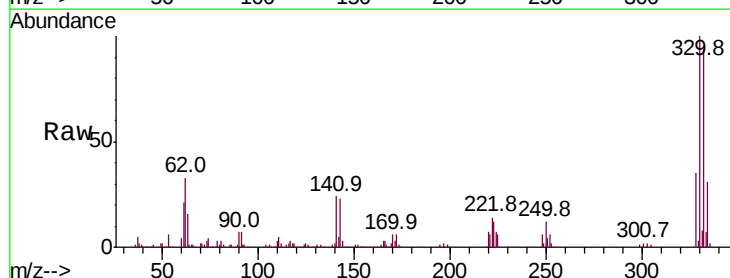
RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

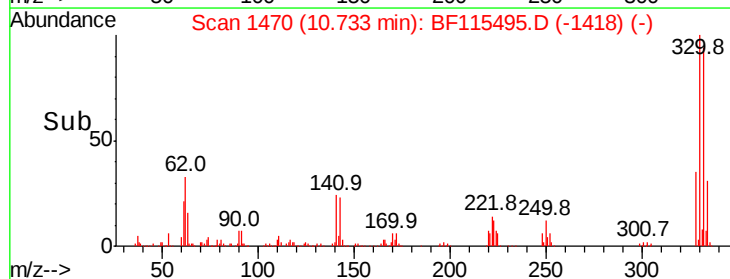
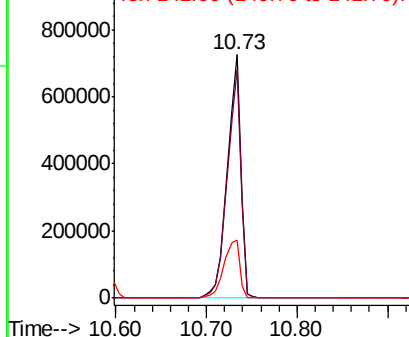
Lab File: BF115495.D

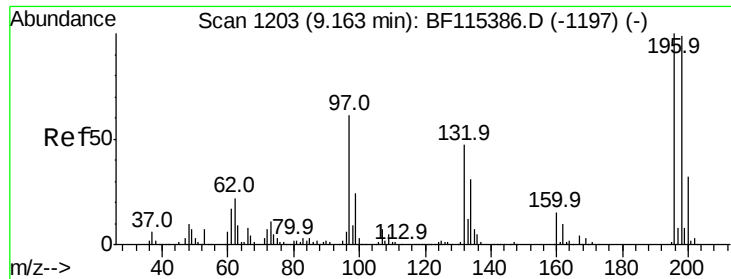
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 748653 |       |       |
| 332     | 95.0  | 77.4   | 116.0 |       |
| 141     | 27.9  | 24.7   | 37.1  |       |



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





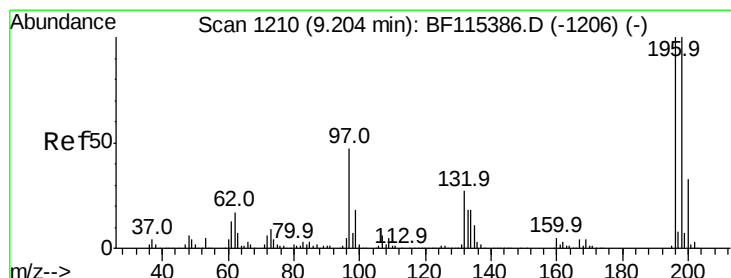
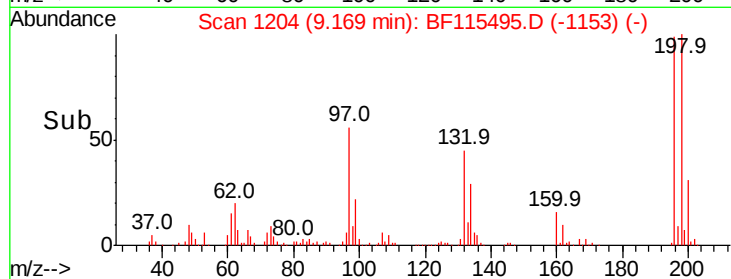
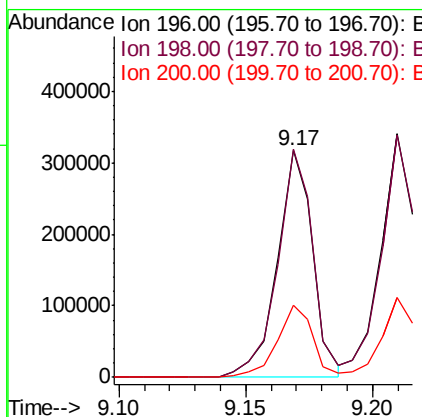
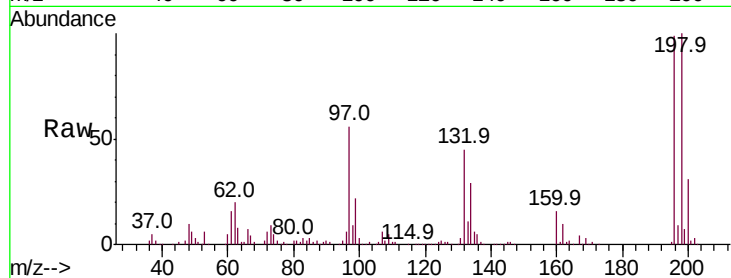
#43  
 2,4,6-Trichlorophenol  
 Concen: 31.349 ng  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB121170BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 312196 |       |       |
| 198     | 100.6 | 78.2   | 117.4 |       |
| 200     | 31.7  | 25.0   | 37.6  |       |

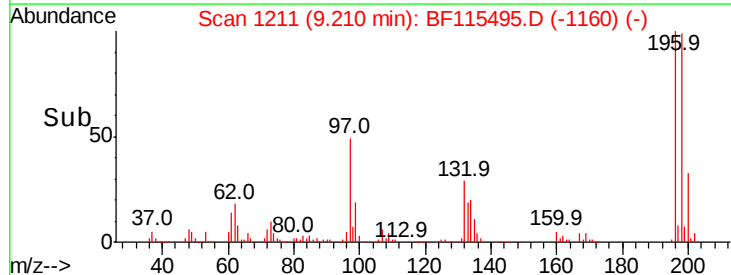
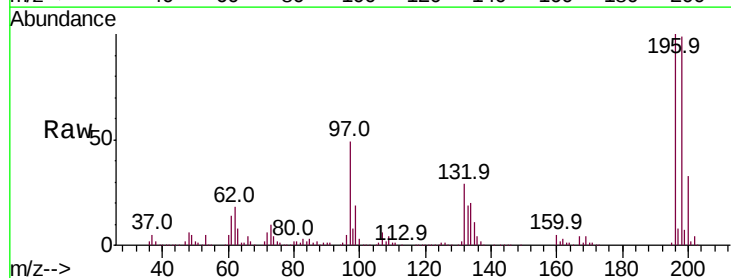
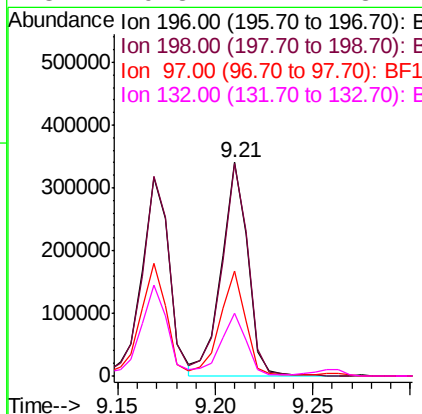
Manual Integrations  
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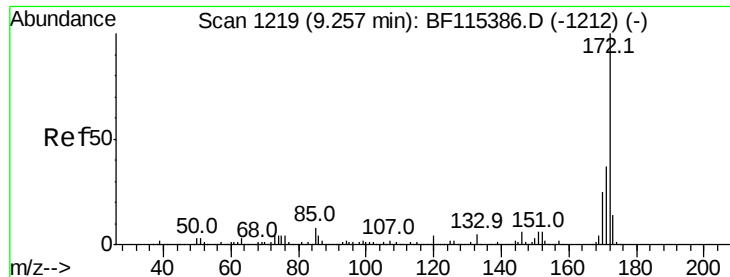
mohammad  
 7/12/2019 10:37:31 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 30.716 ng  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 317192 |       |       |
| 198     | 99.3  | 80.6   | 120.8 |       |
| 97      | 49.1  | 34.0   | 51.0  |       |
| 132     | 29.3  | 21.4   | 32.2  |       |





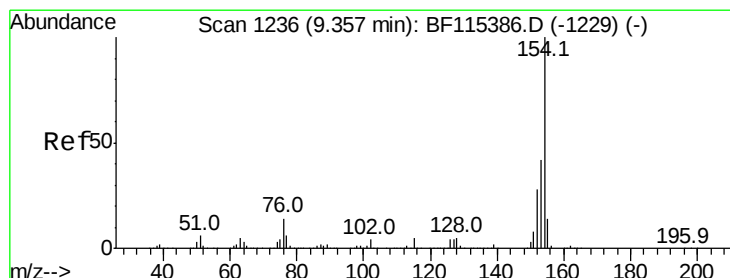
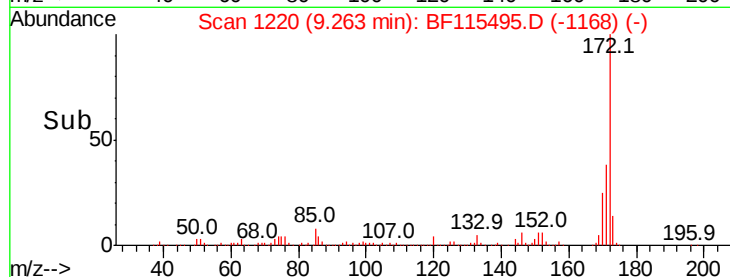
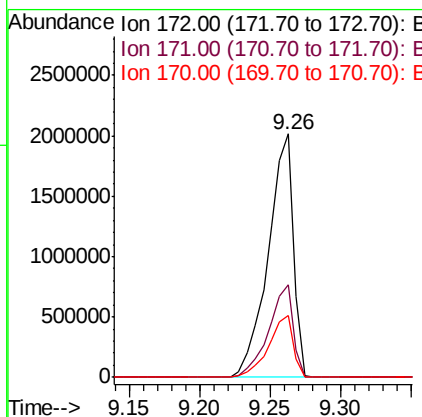
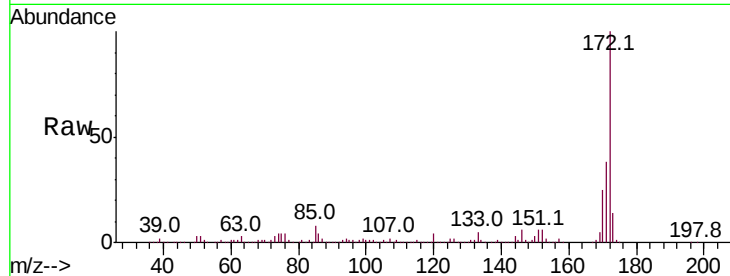
#45  
2-Fluorobiphenyl  
Concen: 93.421 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampled :  
PB121170BS

Tot Ion:172 Resp: 2531429  
Ion Ratio Lower Upper  
172 100  
171 37.9 29.8 44.8  
170 25.3 20.0 30.0

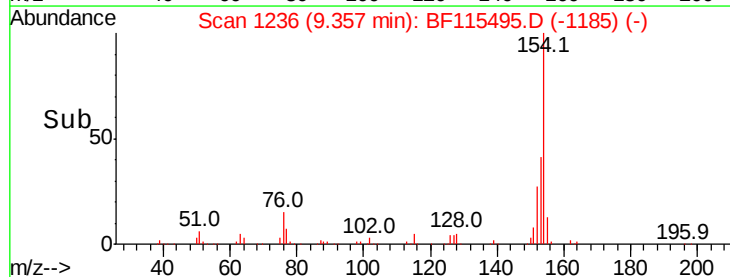
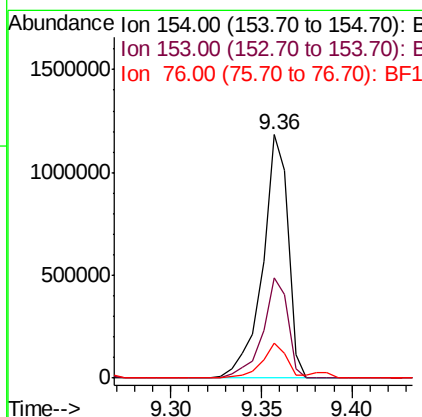
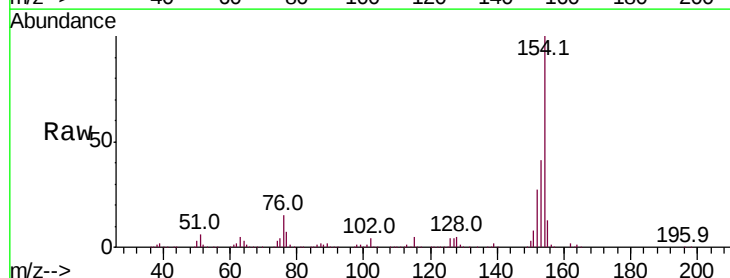
Manual Integrations  
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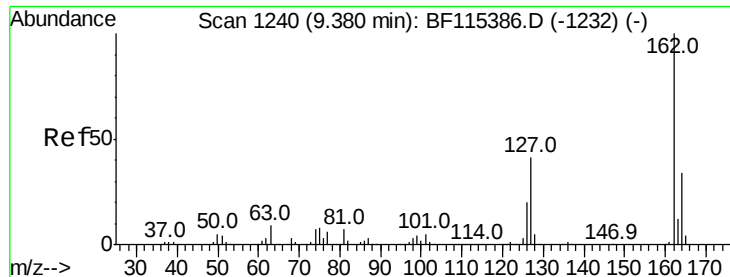
mohammad  
7/12/2019 10:37:31 PM



#46  
1,1'-Biphenyl  
Concen: 30.900 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Tgt Ion:154 Resp: 1155052  
Ion Ratio Lower Upper  
154 100  
153 41.2 21.5 61.5  
76 14.5 0.0 34.6





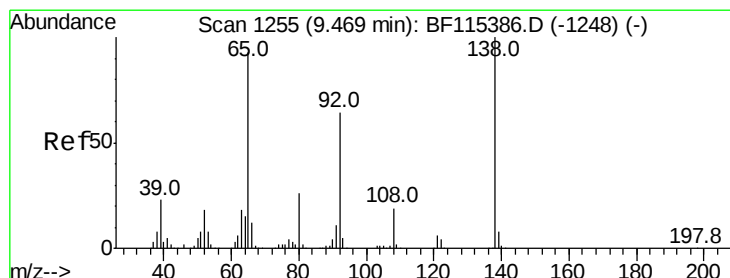
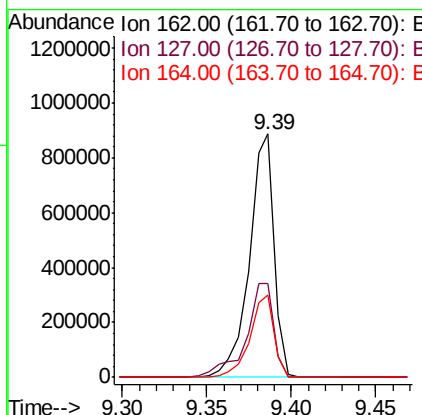
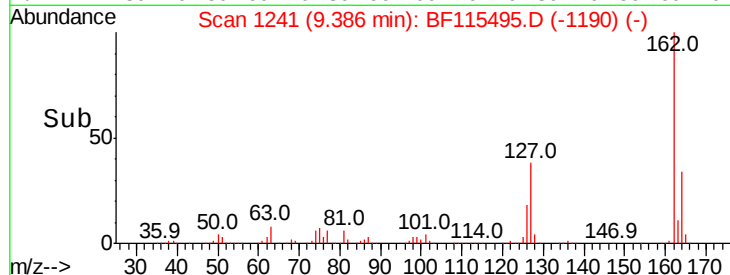
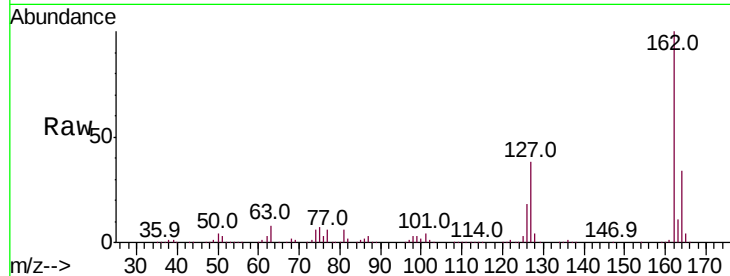
#47  
 2-Chloronaphthalene  
 Concen: 29.369 ng  
 RT: 9.39 min Scan# 1241  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 907327 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.5  | 31.4  | 47.0   |
| 164       | 33.8  | 27.2  | 40.8   |

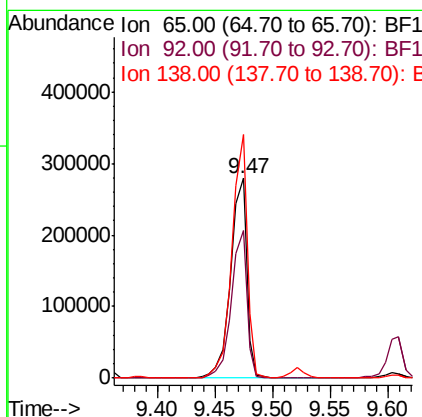
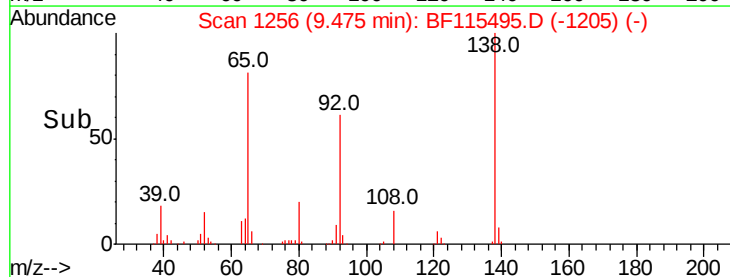
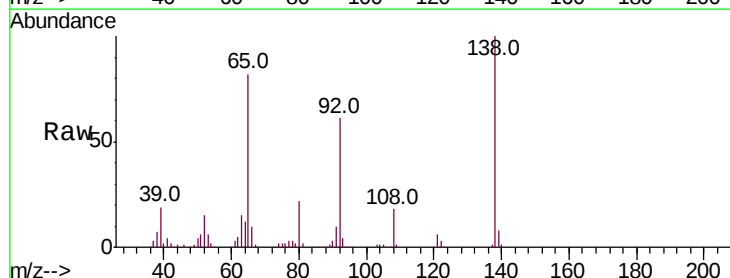
Manual Integrations  
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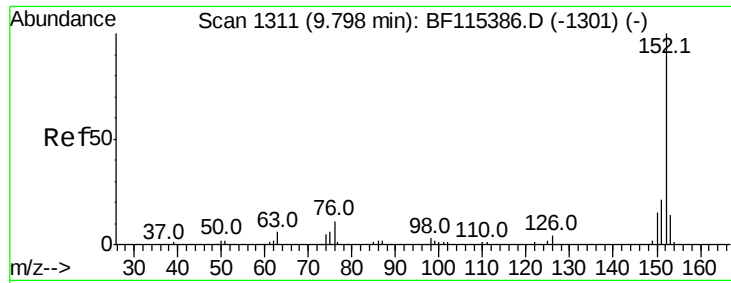
mohammad  
 7/12/2019 10:37:31 PM



#48  
 2-Nitroaniline  
 Concen: 30.048 ng  
 RT: 9.47 min Scan# 1256  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 272739 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 74.0  | 59.0  | 88.4   |
| 138       | 121.9 | 98.3  | 147.5  |





#49

Acenaphthylene

Concen: 29.450 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion:152 Resp: 1377535

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

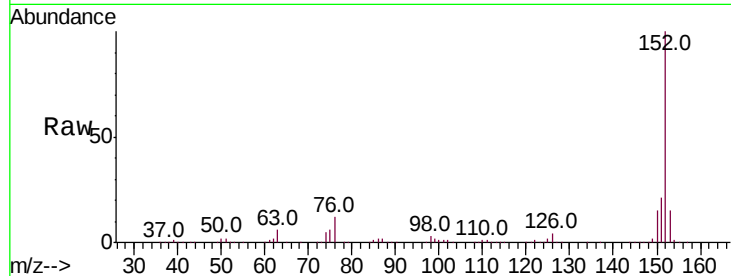
153 14.6 11.8 17.6

Manual Integrations

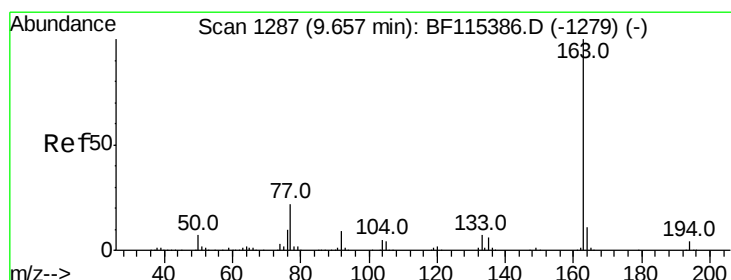
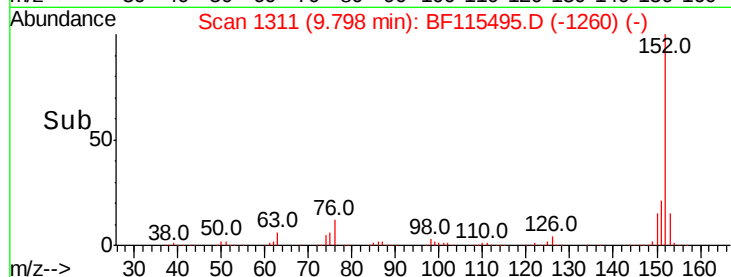
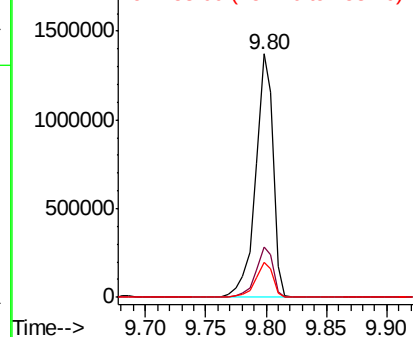
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 29.300 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

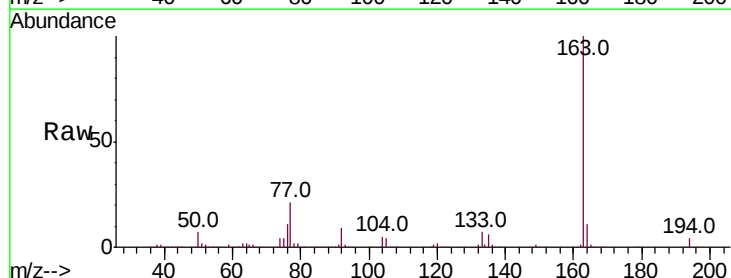
Tgt Ion:163 Resp: 1045666

Ion Ratio Lower Upper

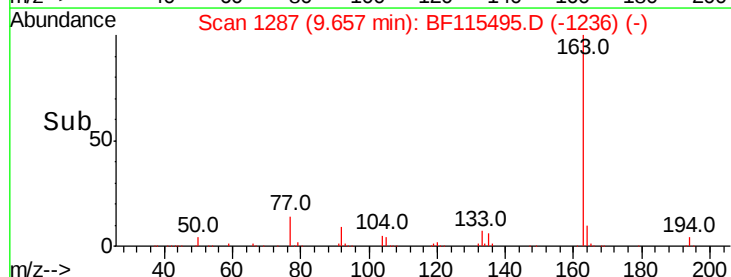
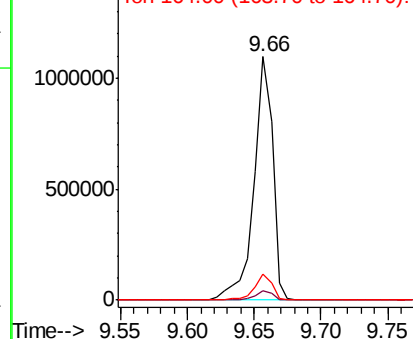
163 100

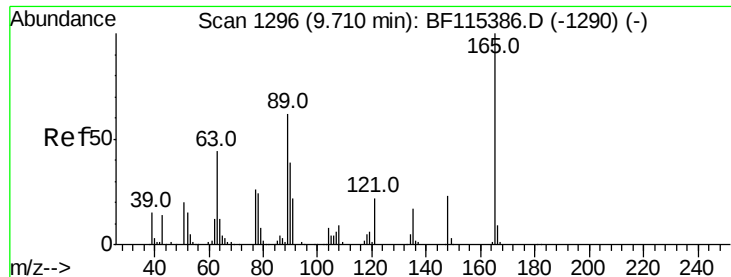
194 3.9 3.1 4.7

164 10.6 8.6 13.0



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: 31.773 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion:165 Resp: 245922

Ion Ratio Lower Upper

165 100

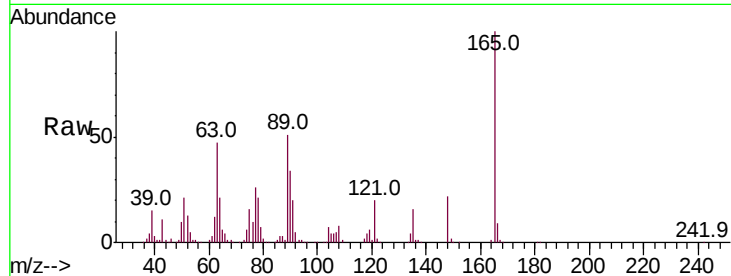
63 46.8 39.7 59.5

89 51.4 42.8 64.2

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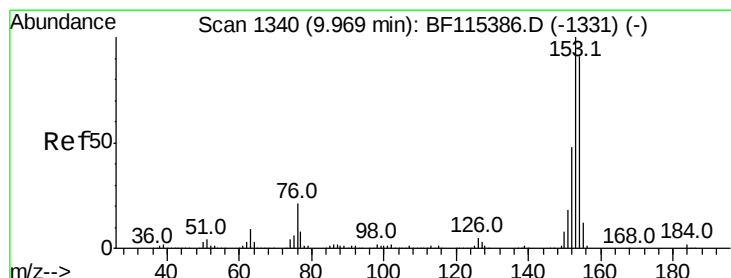
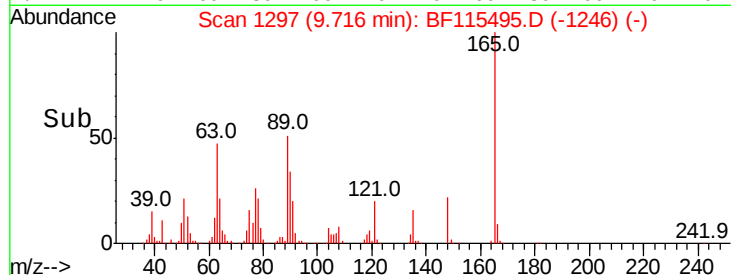
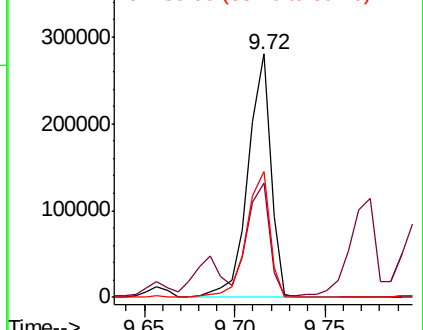
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.405 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

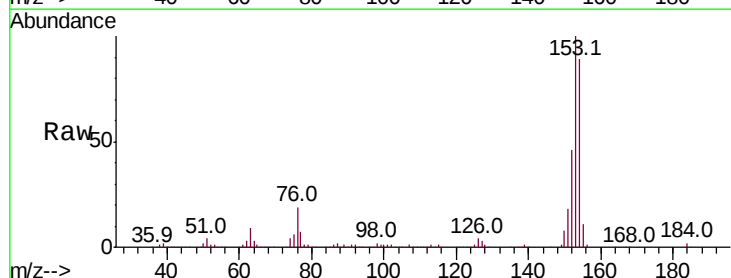
Tgt Ion:154 Resp: 953924

Ion Ratio Lower Upper

154 100

153 111.9 89.8 134.8

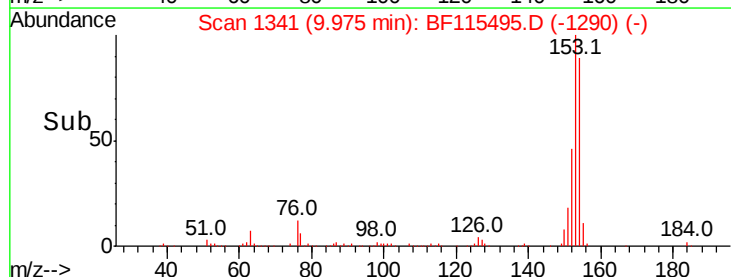
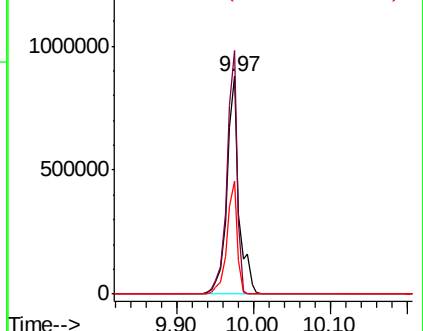
152 52.0 41.4 62.0

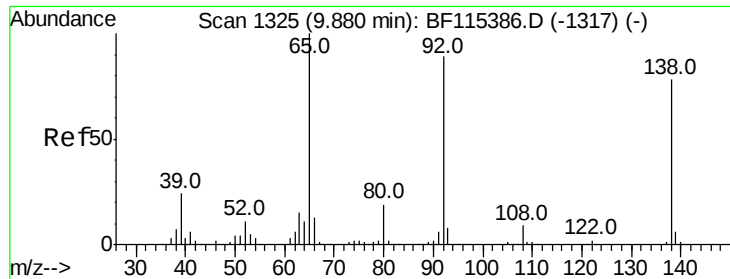


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





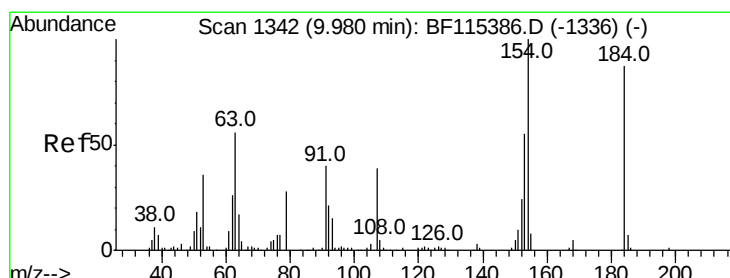
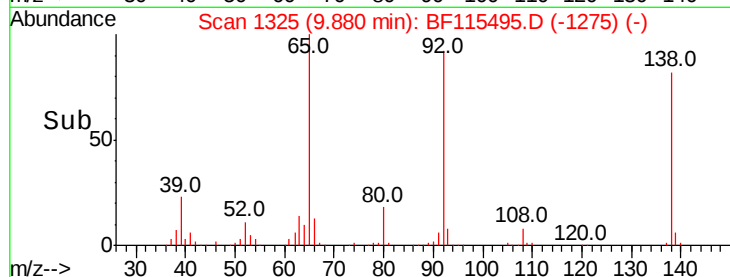
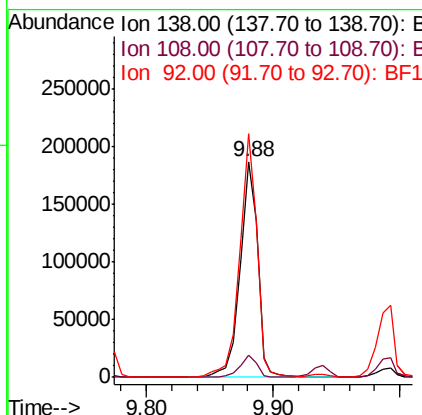
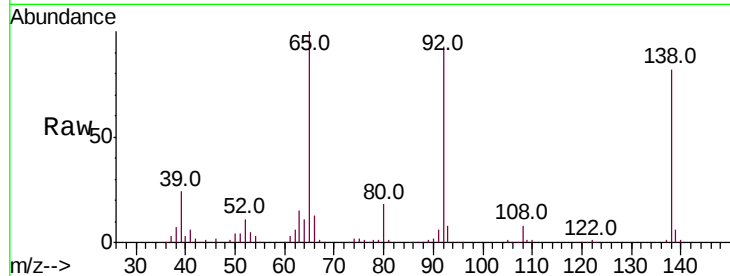
#53  
3-Nitroaniline  
Concen: 19.688 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.1  | 8.5   | 12.7  |
| 92      | 112.8 | 86.1  | 129.1 |

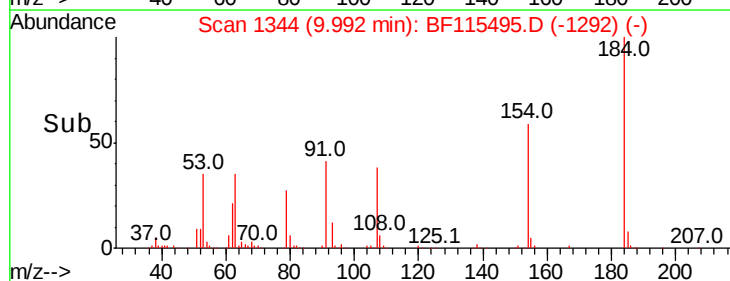
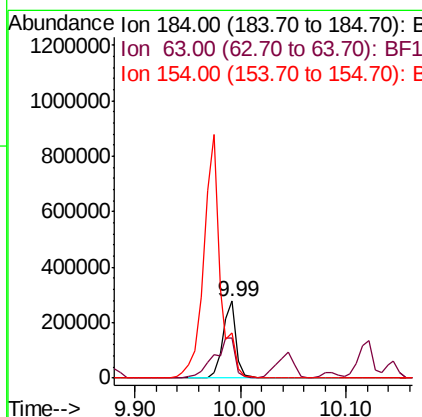
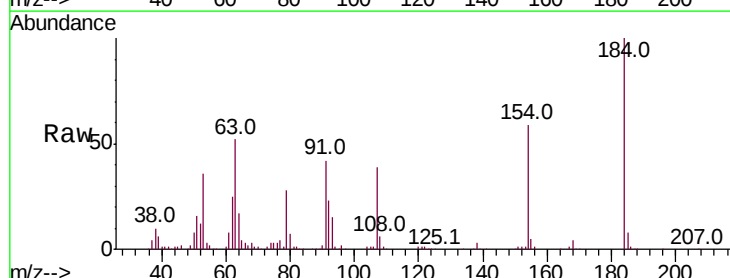
Manual Integrations  
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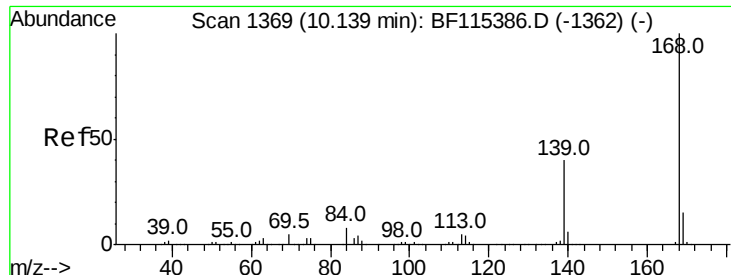
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 73.836 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 52.1  | 45.8  | 68.6  |
| 154     | 59.0  | 52.8  | 79.2  |





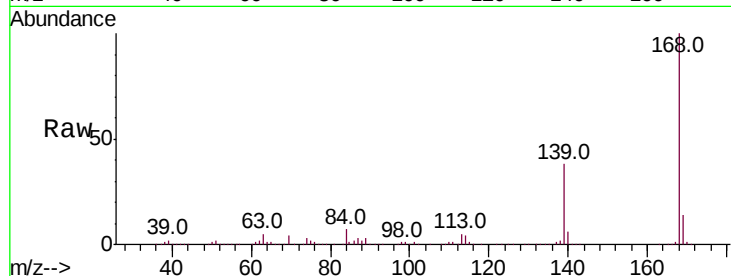
#55  
Dibenzofuran  
Concen: 29.779 ng  
RT: 10.15 min Scan# 1370  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.5  | 30.6  | 46.0  |
| 169     | 13.9  | 11.0  | 16.6  |

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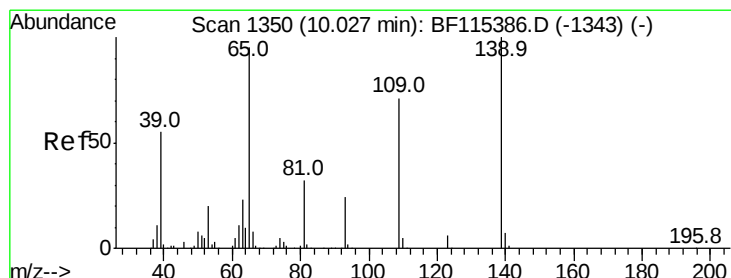
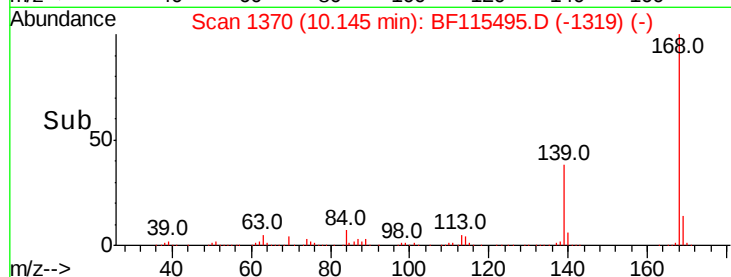
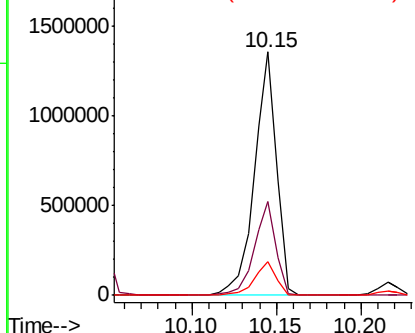


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 60.766 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. 0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

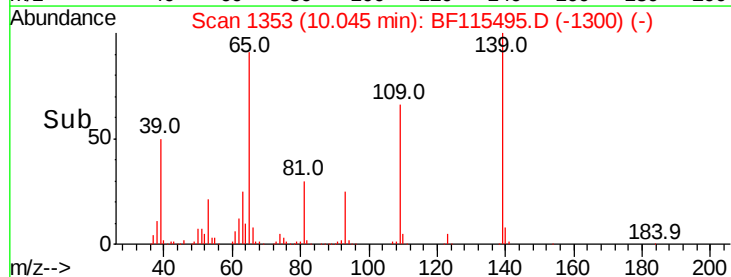
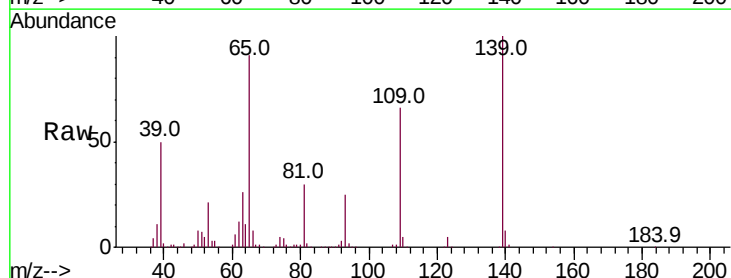
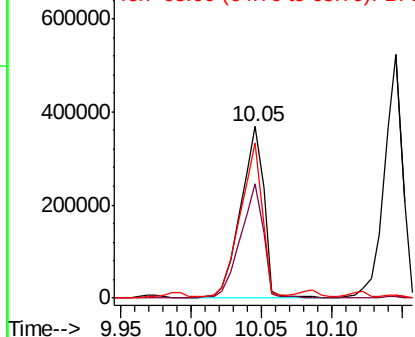
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.4  | 46.4  | 86.4  |
| 65      | 90.7  | 73.4  | 113.4 |

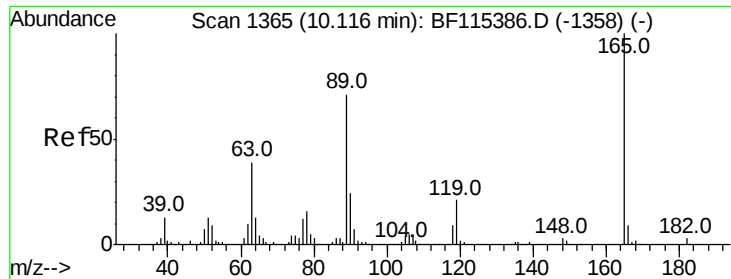
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





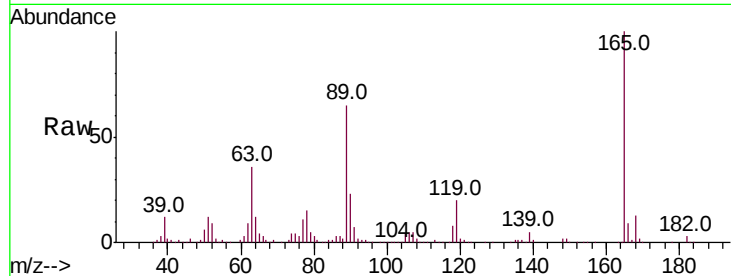
#57  
2,4-Dinitrotoluene  
Concen: 32.923 ng  
RT: 10.12 min Scan# 1366  
Delta R.T. 0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 36.5  | 33.0 | 49.4  |       |
| 89      | 65.0  | 58.5 | 87.7  |       |
| 182     | 2.6   | 2.1  | 3.1   |       |

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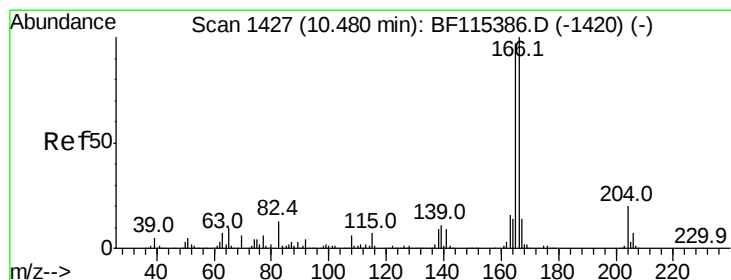
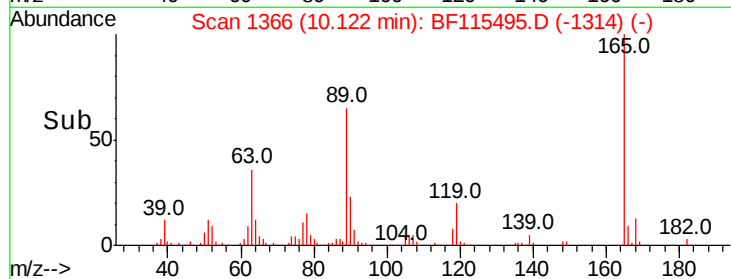
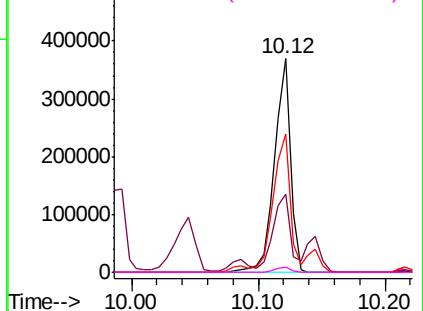
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 27.829 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

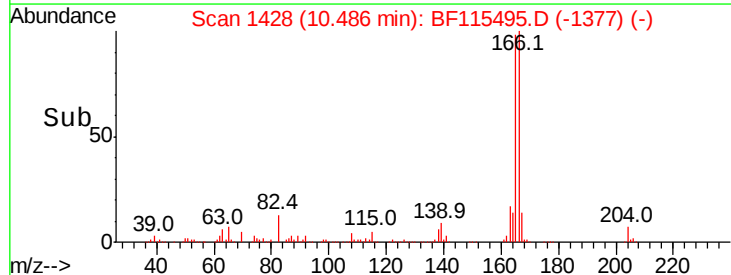
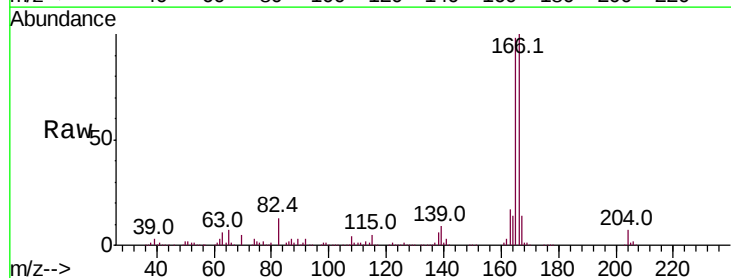
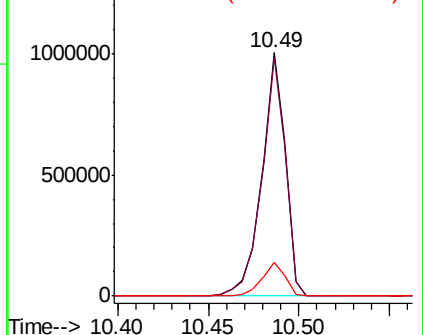
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 98.0  | 78.7 | 118.1 |       |
| 167     | 13.9  | 10.8 | 16.2  |       |

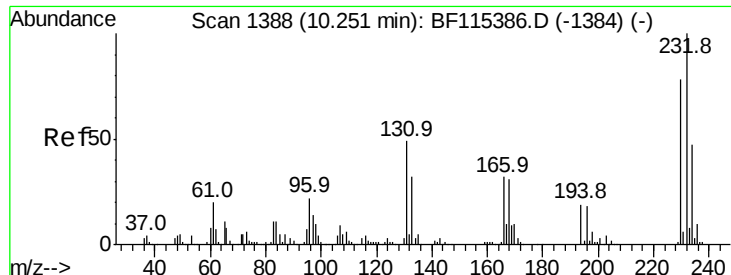
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 31.008 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion:232 Resp: 276612

Ion Ratio Lower Upper

232 100

131 43.8 35.4 53.0

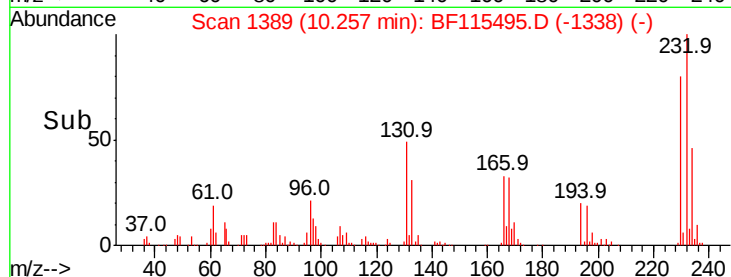
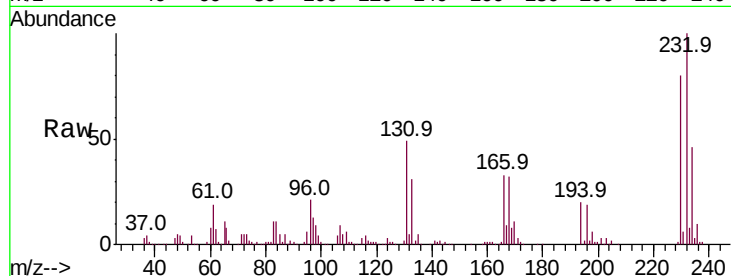
130 2.1 1.7 2.5

166 30.7 24.8 37.2

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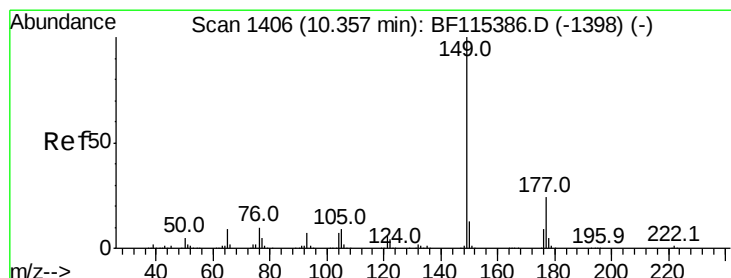
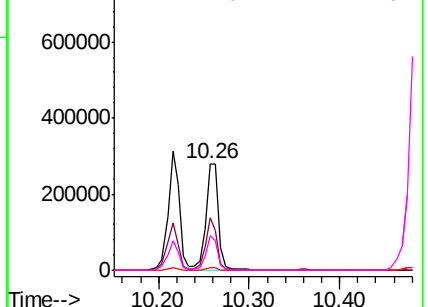


Abundance Ion 232.00 (231.70 to 232.70): E

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: 28.479 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

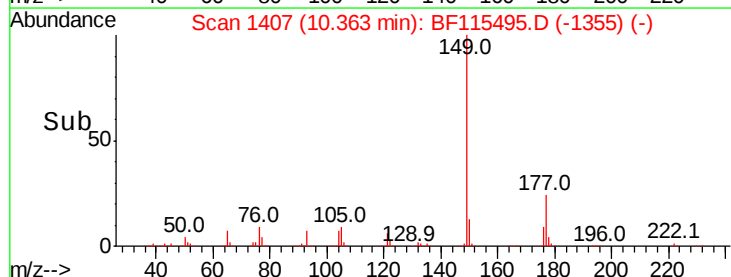
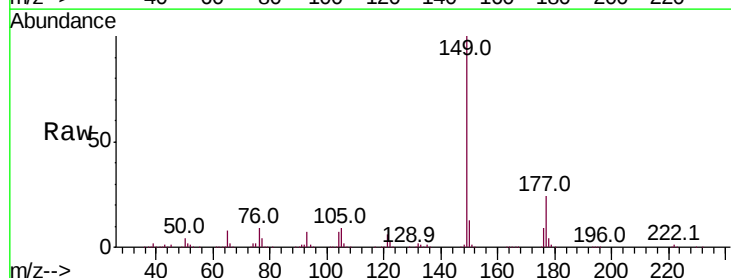
Tgt Ion:149 Resp: 1000420

Ion Ratio Lower Upper

149 100

177 23.8 19.0 28.4

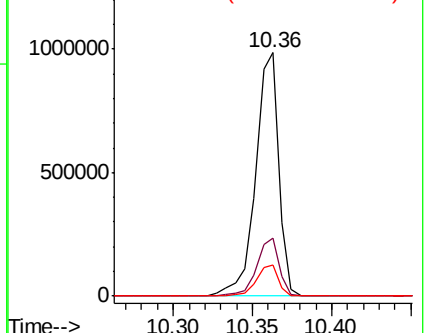
150 12.7 10.4 15.6

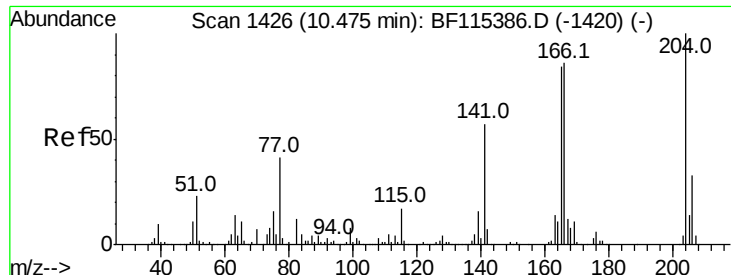


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





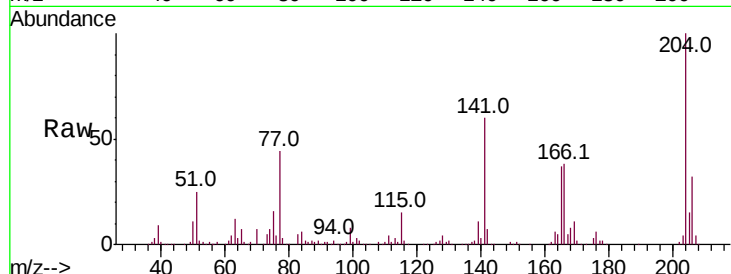
#61  
4-Chlorophenyl-phenylether  
Concen: 29.591 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 26.8  | 40.2  |
| 141     | 59.7  | 47.9  | 71.9  |

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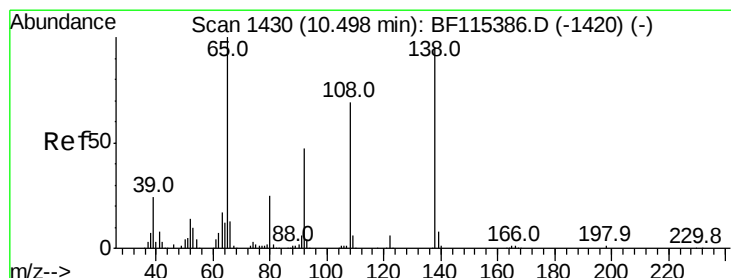
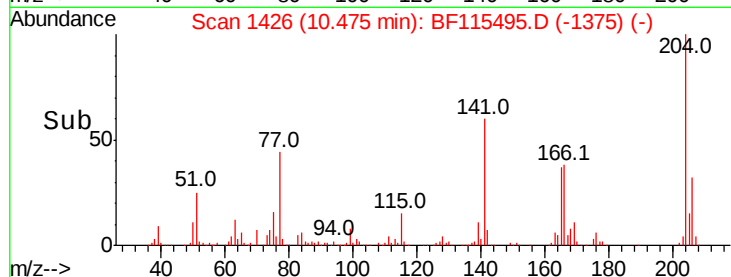
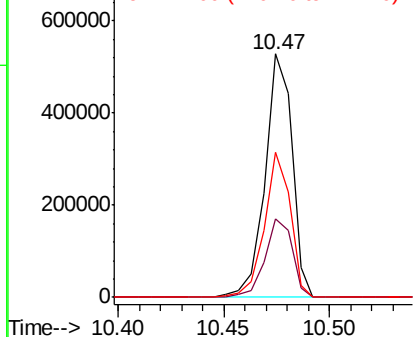


Abundance

Ion 204.00 (203.70 to 204.70): E

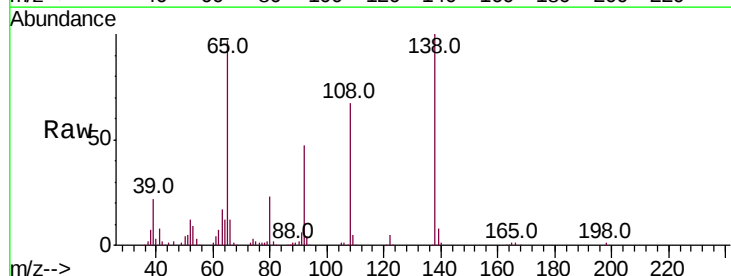
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 30.022 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.01 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.2  | 29.9  | 69.9  |
| 108     | 67.4  | 49.0  | 89.0  |

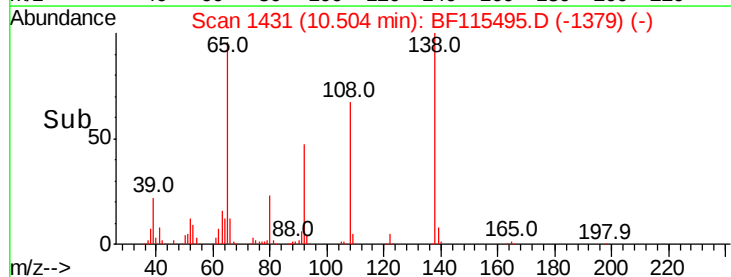
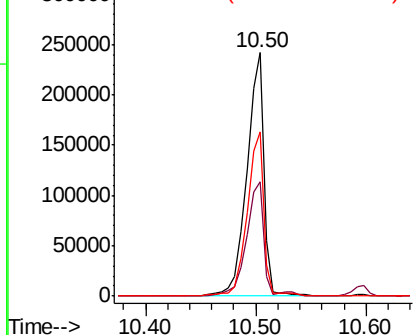


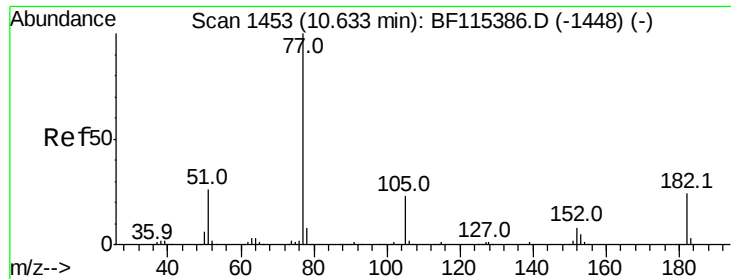
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





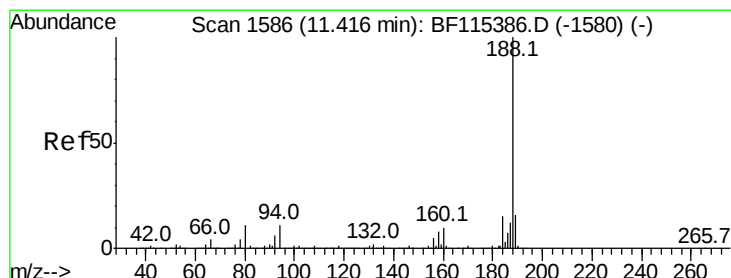
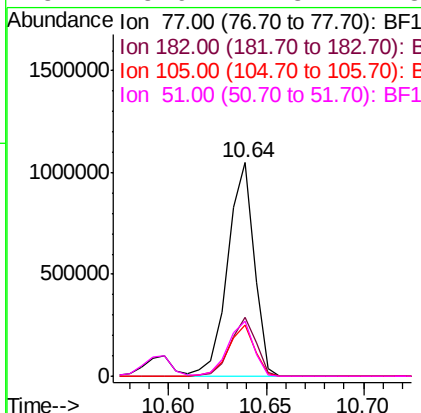
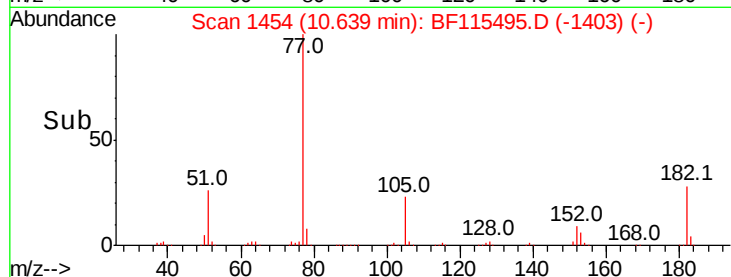
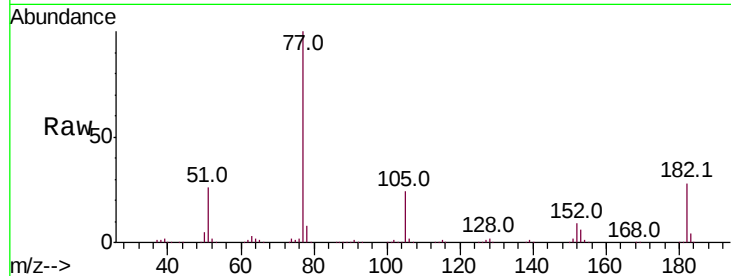
#63  
Azobenzene  
Concen: 27.300 ng  
RT: 10.64 min Scan# 1454  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.7  | 7.7   | 47.7  |
| 105     | 23.7  | 3.6   | 43.6  |
| 51      | 25.6  | 4.8   | 44.8  |

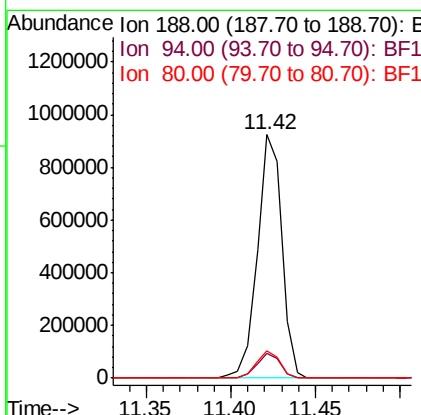
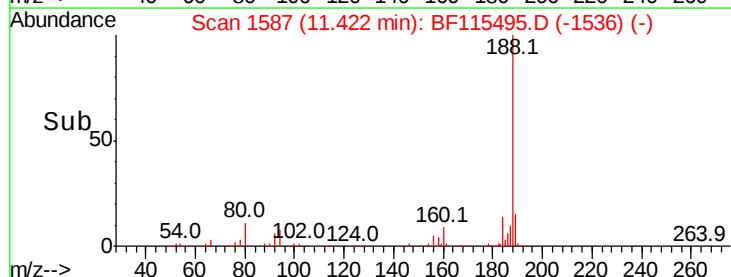
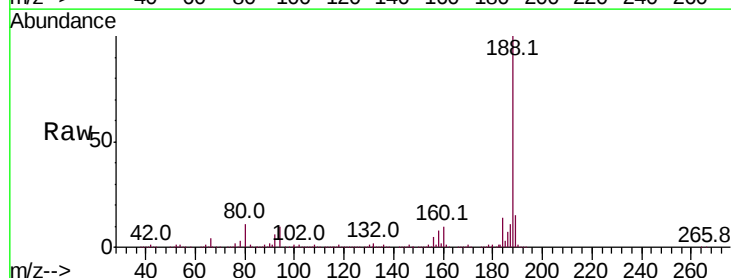
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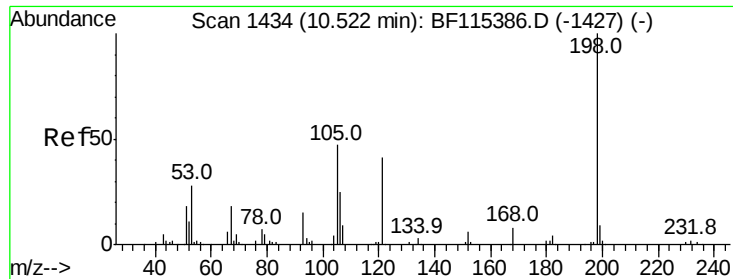
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.42 min Scan# 1587  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.3  | 7.8   | 11.8  |
| 80      | 11.5  | 8.4   | 12.6  |





#65

4,6-Dinitro-2-methylphenol

Concen: 39.497 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion:198 Resp: 168332

Ion Ratio Lower Upper

198 100

51 30.9 20.7 60.7

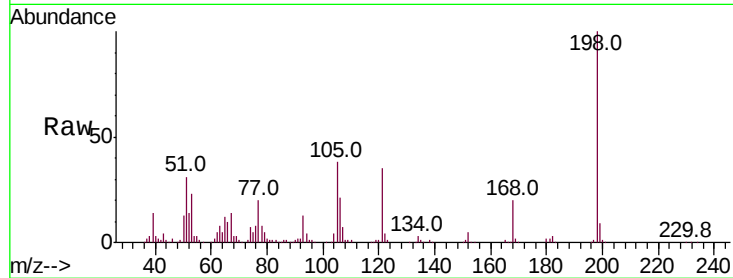
105 37.8 25.3 65.3

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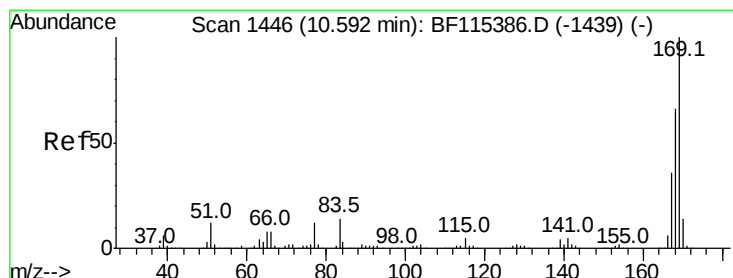
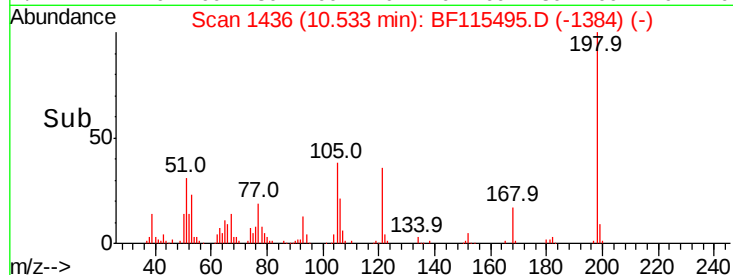
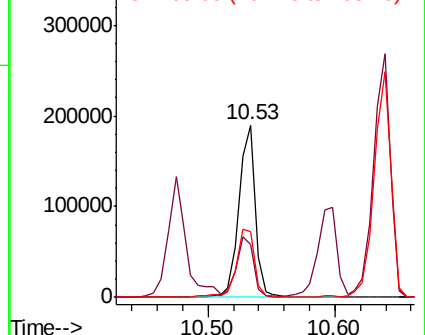
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.376 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

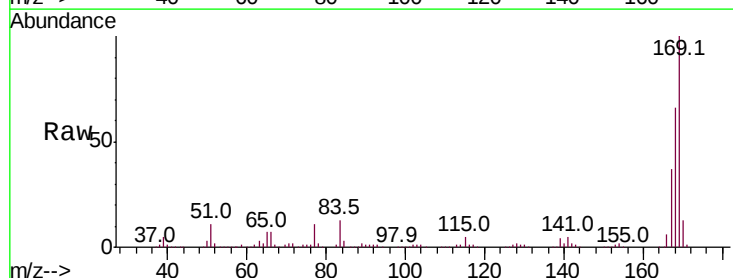
Tgt Ion:169 Resp: 859888

Ion Ratio Lower Upper

169 100

168 66.4 53.2 79.8

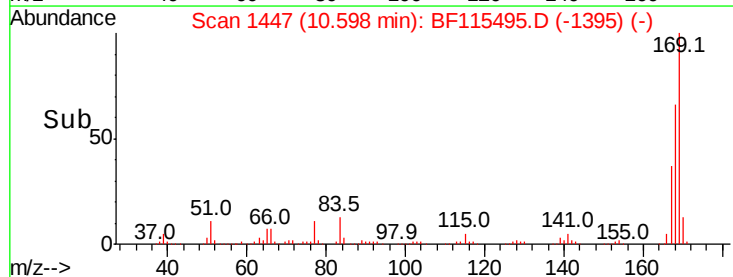
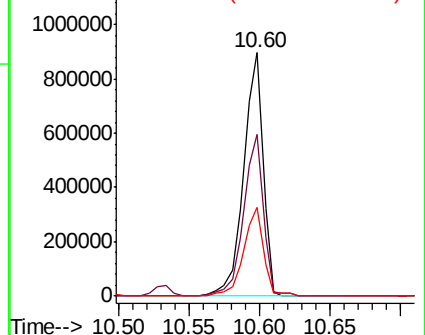
167 36.6 29.4 44.2

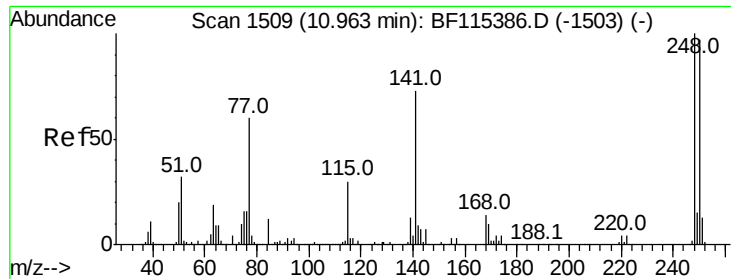


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





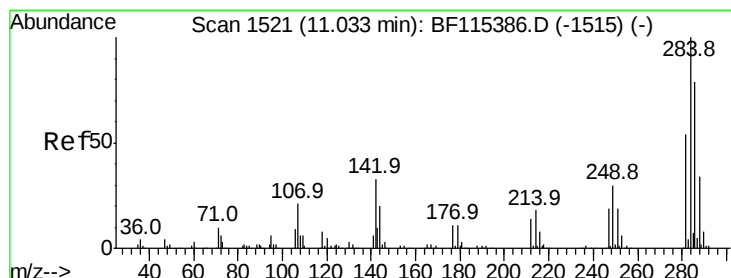
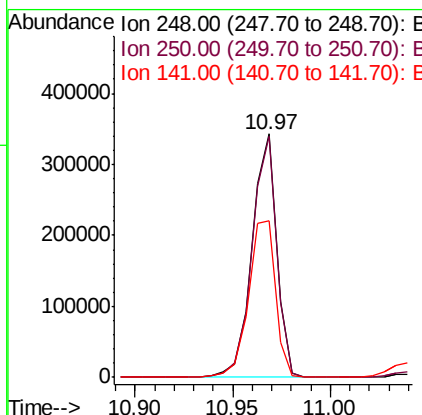
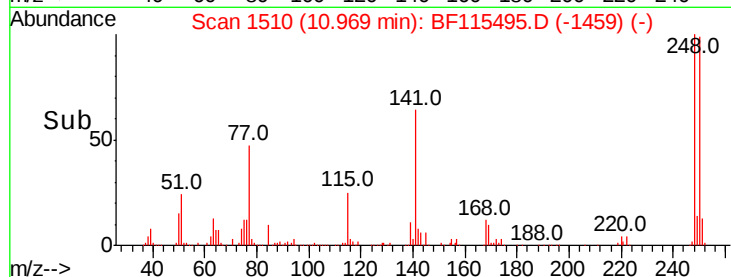
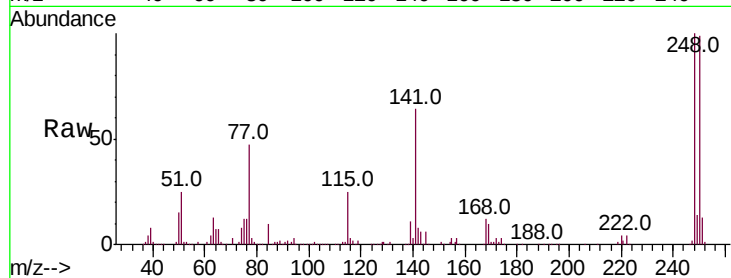
#67  
4-Bromophenyl-phenylether  
Concen: 28.796 ng  
RT: 10.97 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampled :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.9  | 78.3  | 117.5 |
| 141     | 64.1  | 52.2  | 78.2  |

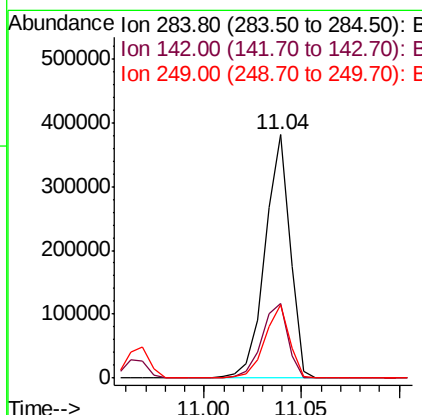
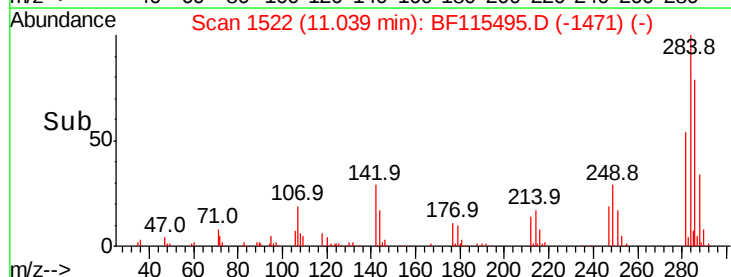
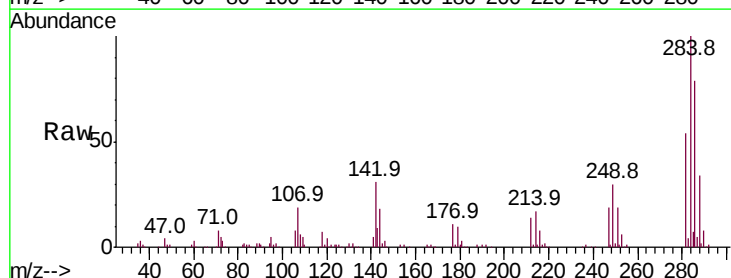
Manual Integrations  
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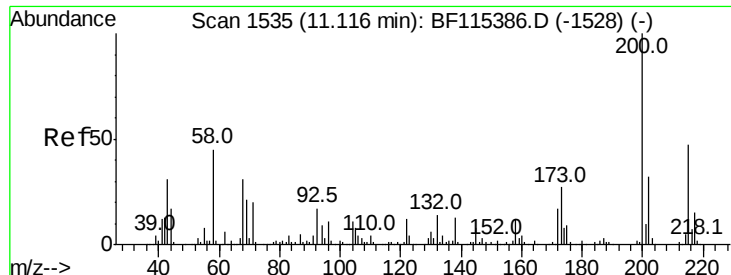
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#68  
Hexachlorobenzene  
Concen: 28.888 ng  
RT: 11.04 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.6  | 23.9  | 35.9  |
| 249     | 30.3  | 23.6  | 35.4  |





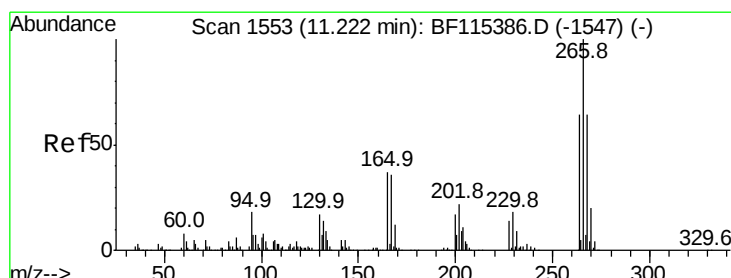
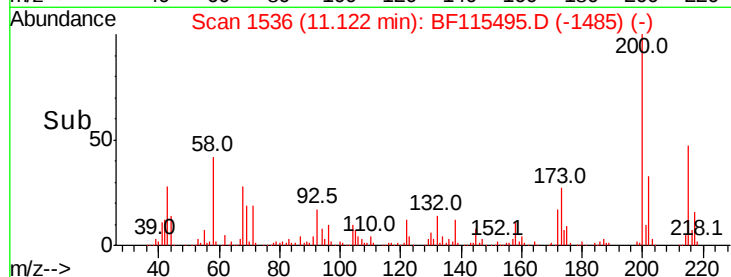
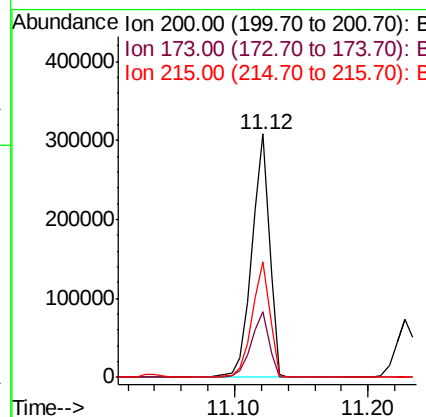
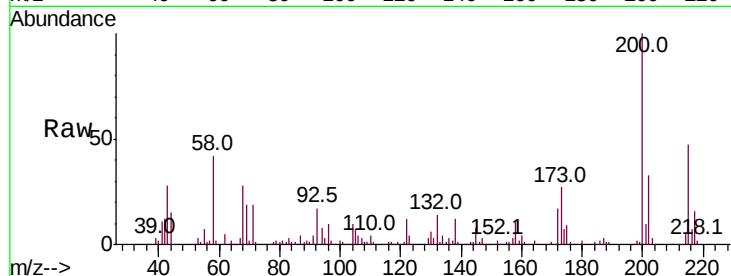
#69  
Atrazine  
Concen: 30.753 ng  
RT: 11.12 min Scan# 1536  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.0  | 7.0        | 47.0  |
| 215     | 47.5  | 27.8       | 67.8  |

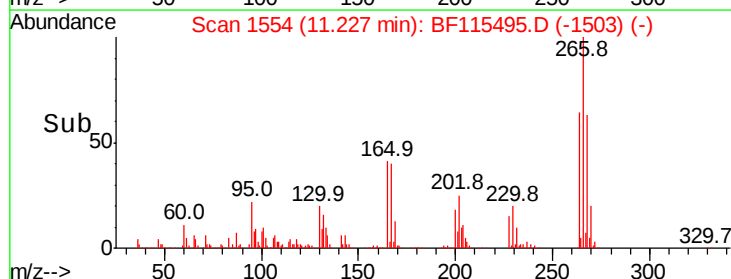
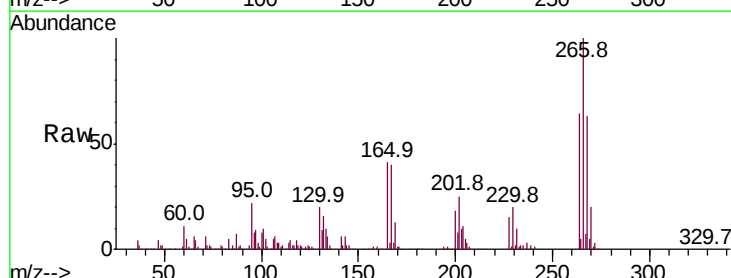
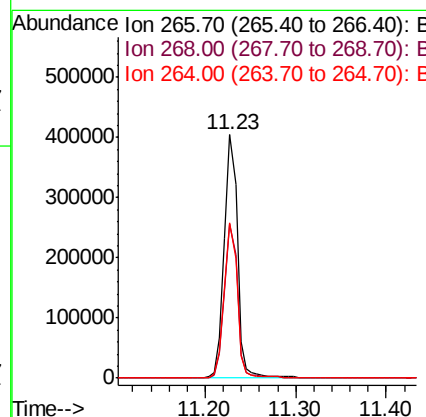
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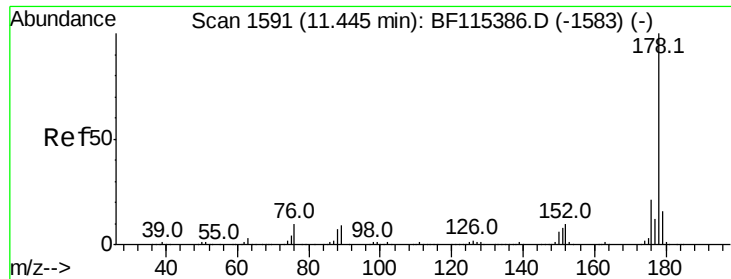
mohammad  
7/12/2019 10:37:31 PM



#70  
Pentachlorophenol  
Concen: 57.498 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.0  | 51.2       | 76.8  |
| 264     | 63.9  | 50.6       | 75.8  |





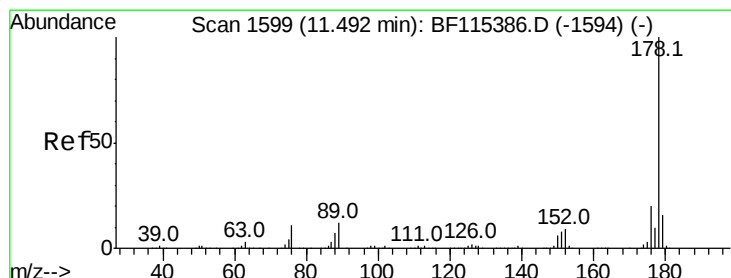
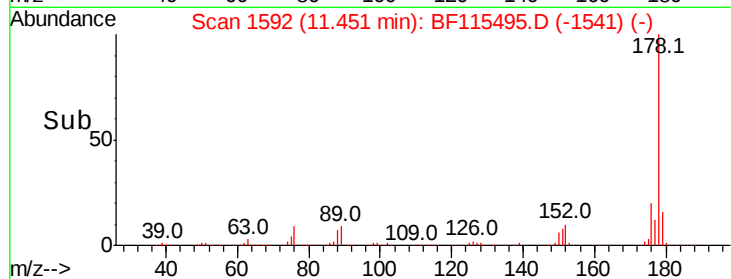
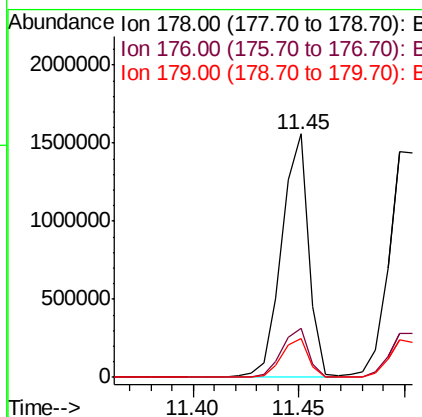
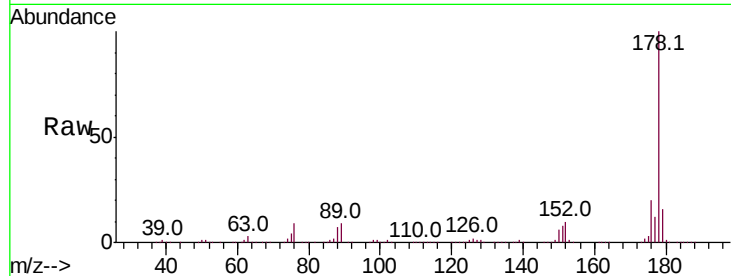
#71  
Phenanthrene  
Concen: 28.513 ng  
RT: 11.45 min Scan# 1592  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

Tot Ion:178 Resp: 1393128  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.6 24.8  
179 15.8 12.7 19.1

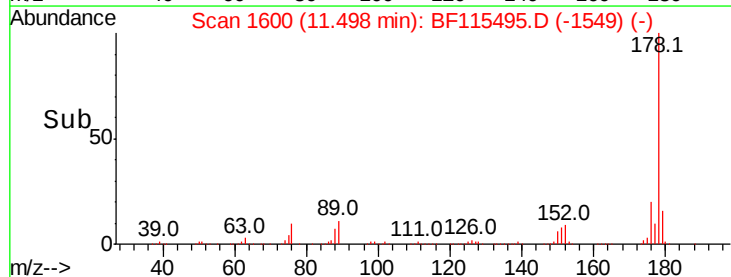
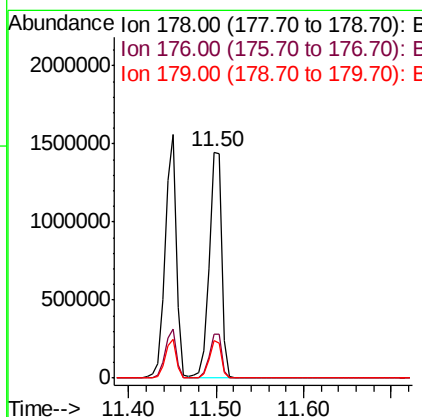
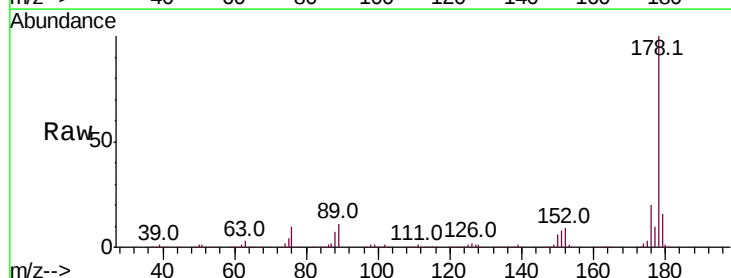
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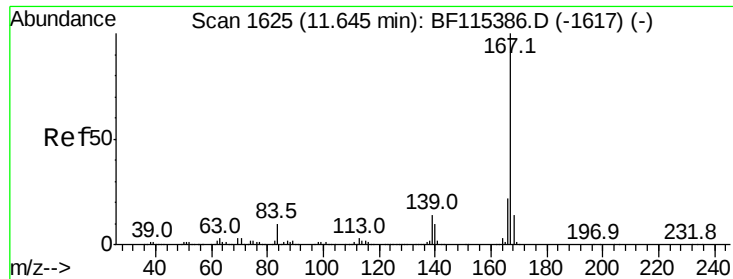
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#72  
Anthracene  
Concen: 29.484 ng  
RT: 11.50 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Tgt Ion:178 Resp: 1444572  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.6  
179 16.4 13.0 19.6





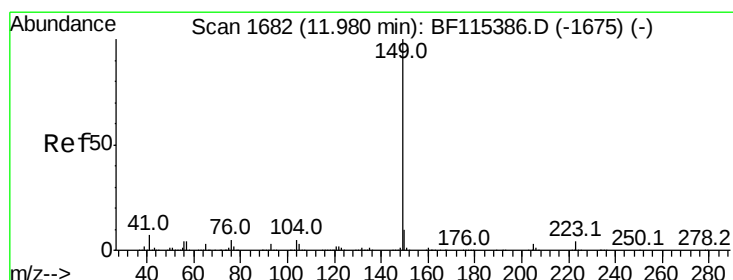
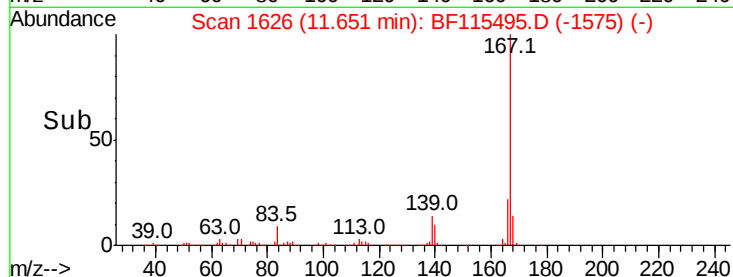
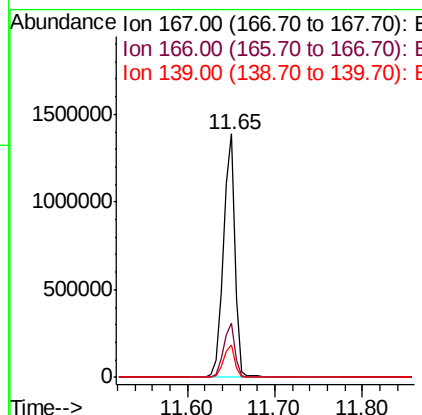
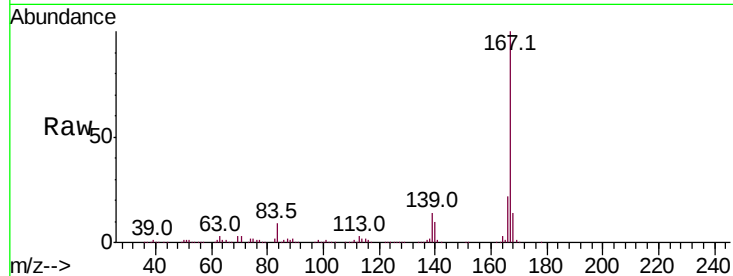
#73  
 Carbazole  
 Concen: 28.517 ng  
 RT: 11.65 min Scan# 1626  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 17.8  | 26.8  |
| 139     | 13.6  | 10.9  | 16.3  |

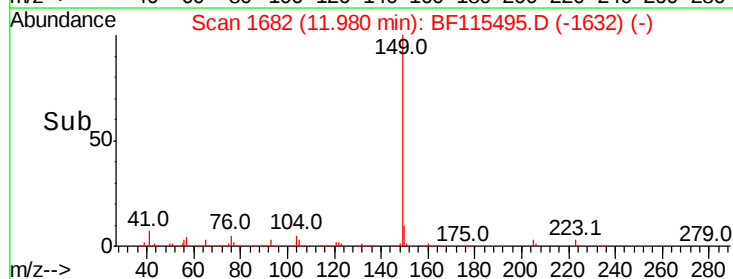
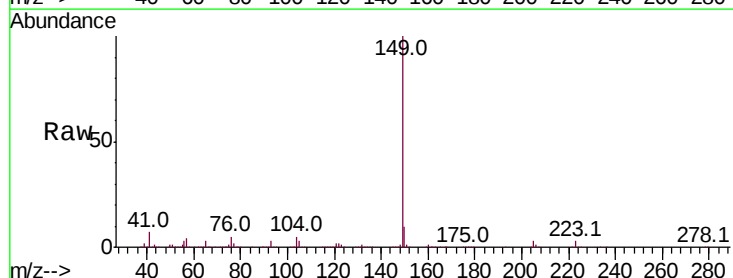
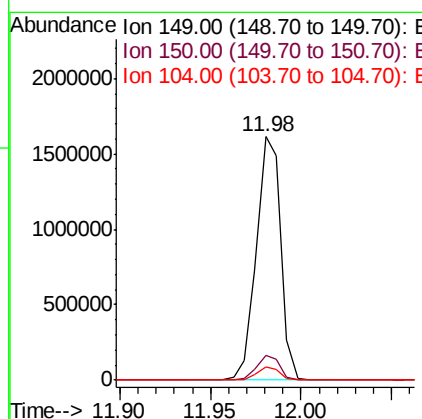
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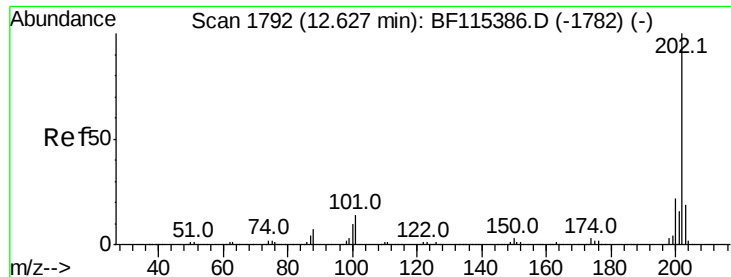
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#74  
 Di-n-butylphthalate  
 Concen: 27.791 ng  
 RT: 11.98 min Scan# 1682  
 Delta R.T. -0.01 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 7.6   | 11.4  |
| 104     | 5.2   | 3.9   | 5.9   |





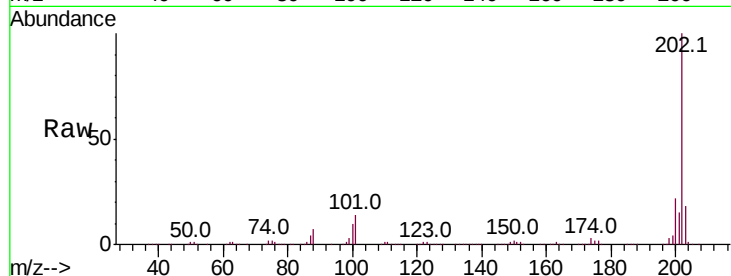
#75  
 Fluoranthene  
 Concen: 28.491 ng  
 RT: 12.63 min Scan# 1793  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

| Tot Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1465742 |       |       |
| 101     | 13.5  | 0.0     | 33.9  |       |
| 203     | 18.2  | 0.0     | 38.4  |       |

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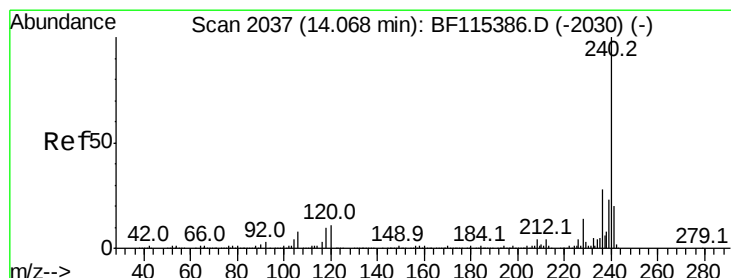
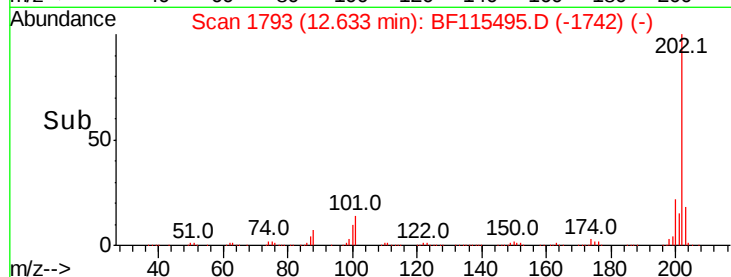
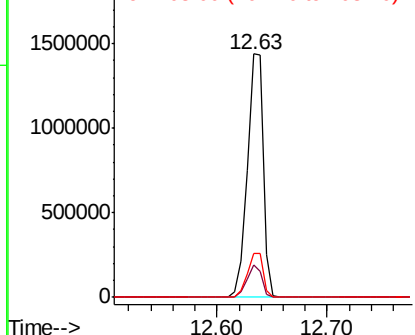


Abundance

Ion 202.00 (201.70 to 202.70): E

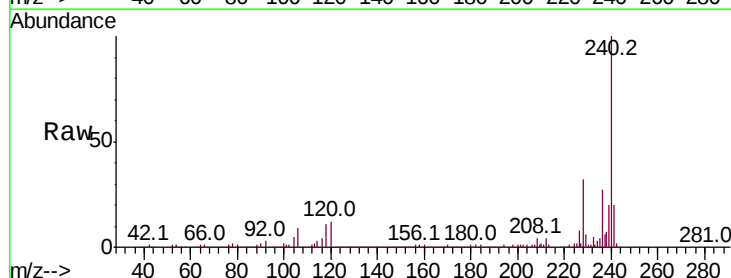
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 639320 |       |       |
| 120     | 12.3  | 10.2   | 15.4  |       |
| 236     | 27.3  | 21.1   | 31.7  |       |

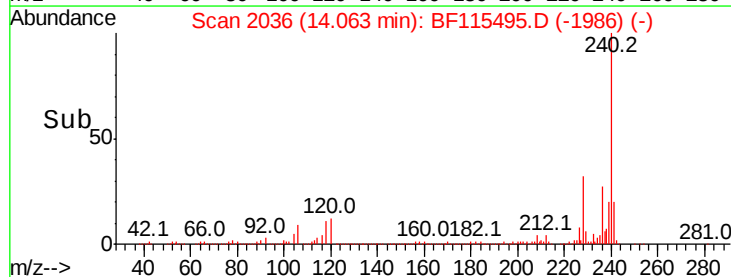
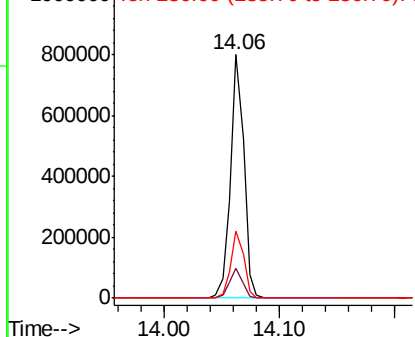


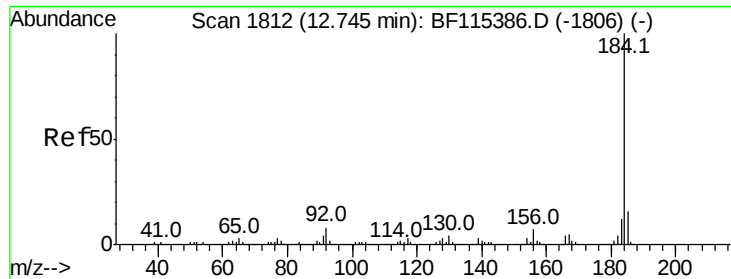
Abundance

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





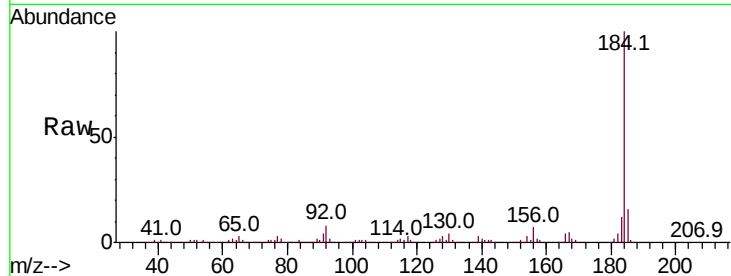
#77  
Benzidine  
Concen: 31.574 ng  
RT: 12.75 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

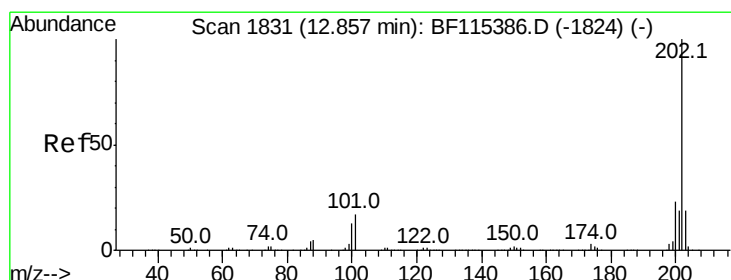
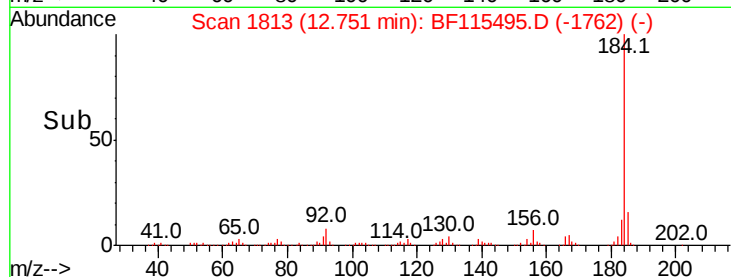
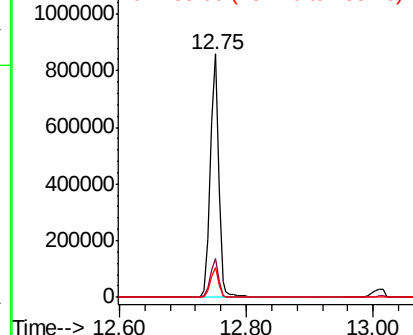
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 15.8  | 13.0 | 19.6  |       |
| 183     | 12.2  | 9.7  | 14.5  |       |

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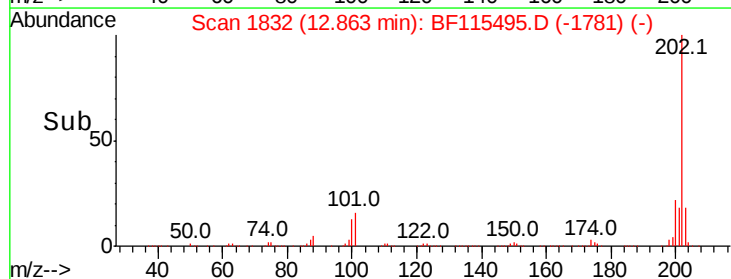
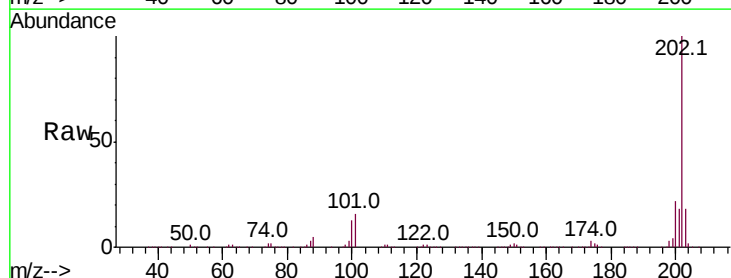
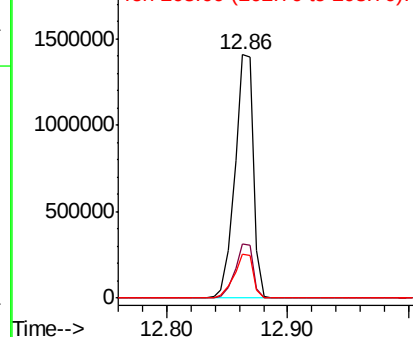
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

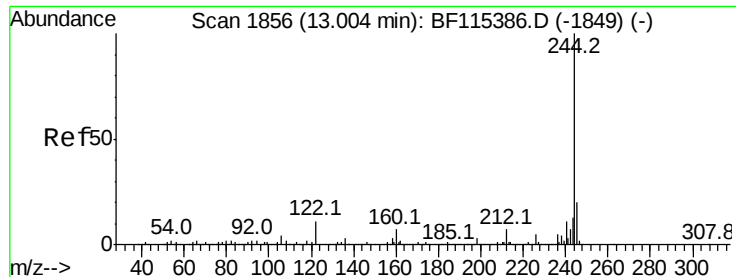


#78  
Pyrene  
Concen: 30.062 ng  
RT: 12.86 min Scan# 1832  
Delta R.T. 0.00 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 22.4  | 17.6 | 26.4  |       |
| 203     | 18.3  | 14.7 | 22.1  |       |

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





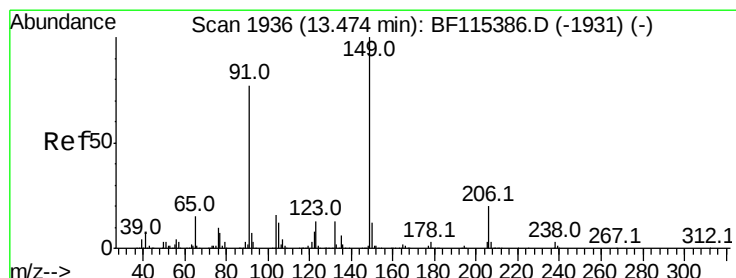
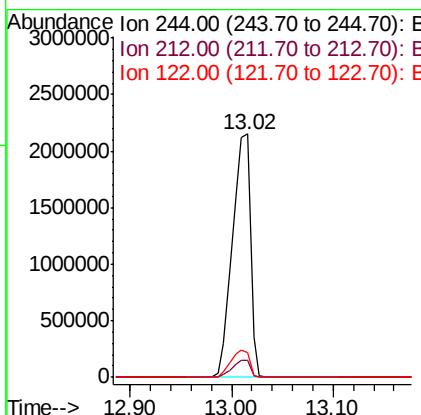
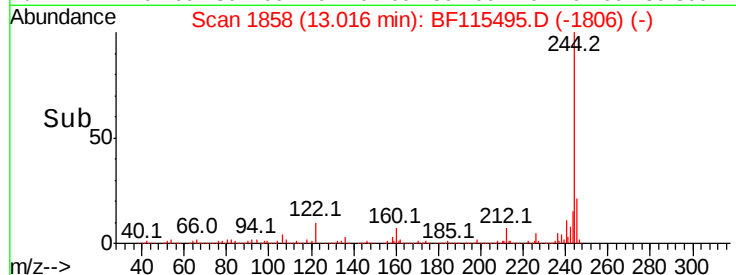
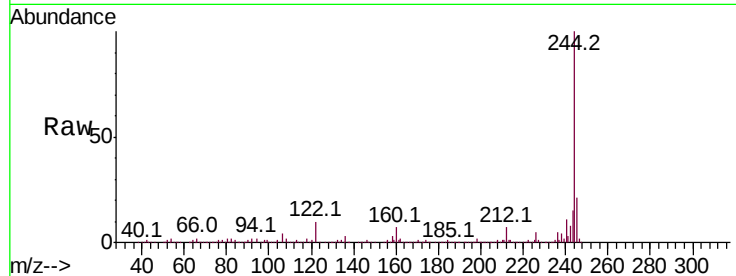
#79  
 Terphenyl-d14  
 Concen: 85.654 ng  
 RT: 13.02 min Scan# 1858  
 Delta R.T. 0.01 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.7   | 8.5   |
| 122     | 10.4  | 9.1   | 13.7  |

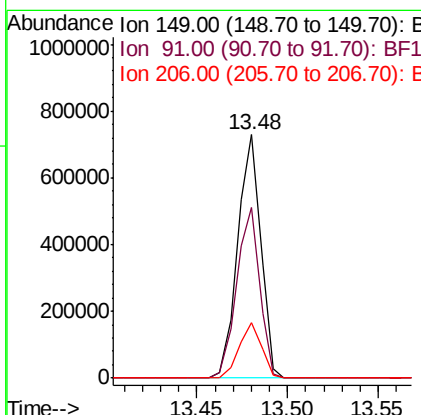
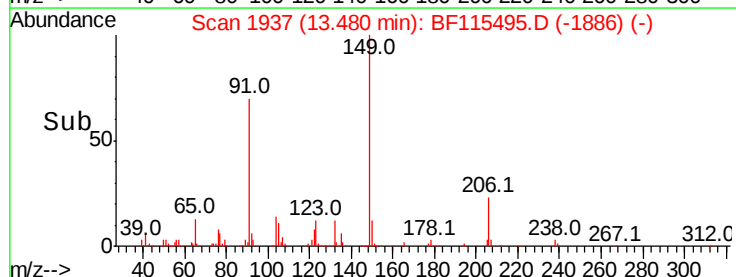
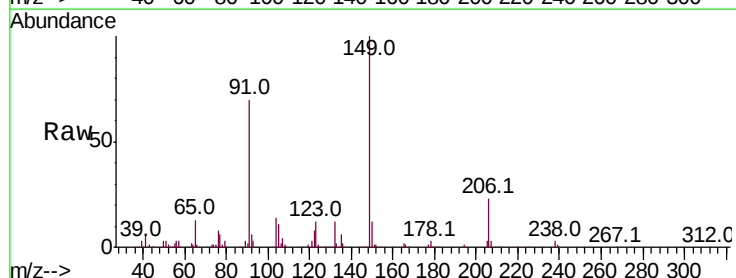
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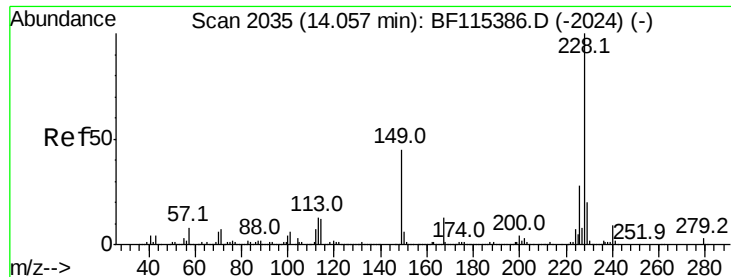
mohammad  
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#80  
 Butylbenzylphthalate  
 Concen: 29.639 ng  
 RT: 13.48 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.4  | 57.8  | 86.6  |
| 206     | 22.6  | 16.9  | 25.3  |





#81

Benzo(a)anthracene

Concen: 29.474 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

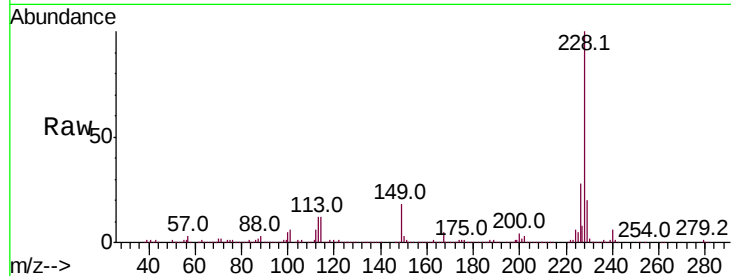
ClientSampleId :

PB121170BS

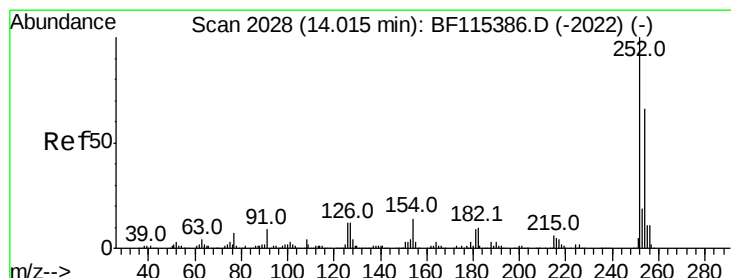
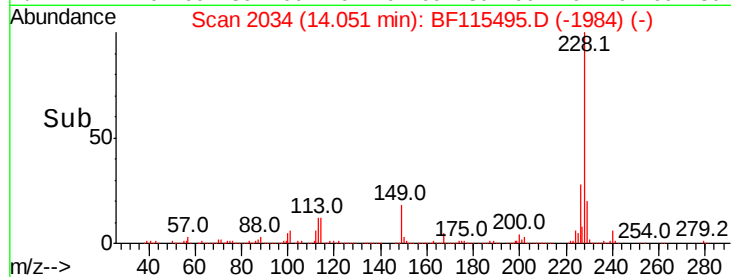
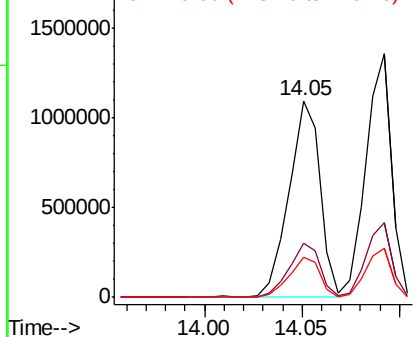
|             |               |
|-------------|---------------|
| Tot Ion:228 | Resp: 1207347 |
| Ion Ratio   | Lower Upper   |
| 228 100     |               |
| 226 27.8    | 22.6 34.0     |
| 229 20.5    | 16.4 24.6     |

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Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.024 ng

RT: 14.01 min Scan# 2027

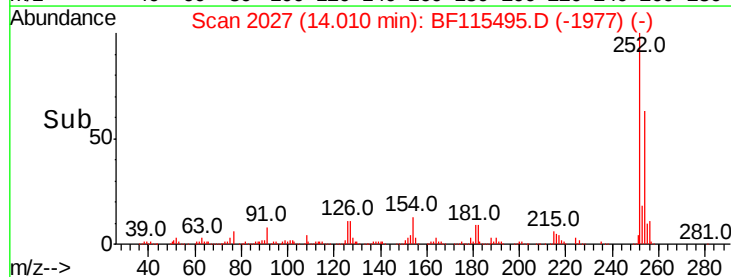
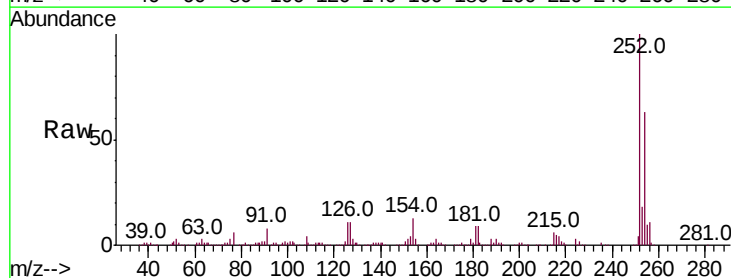
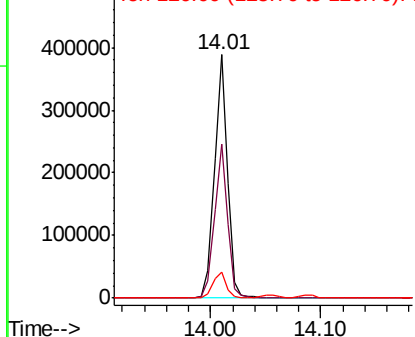
Delta R.T. -0.01 min

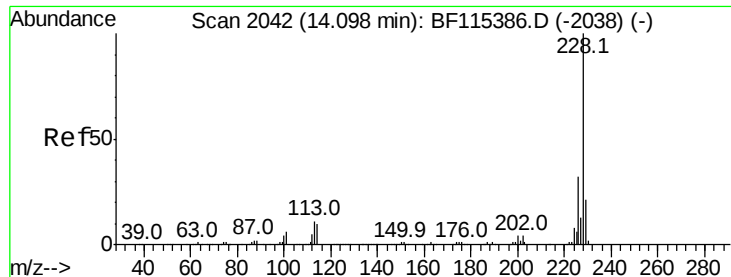
Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

|             |              |
|-------------|--------------|
| Tgt Ion:252 | Resp: 312503 |
| Ion Ratio   | Lower Upper  |
| 252 100     |              |
| 254 63.5    | 52.9 79.3    |
| 126 10.7    | 10.0 15.0    |

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





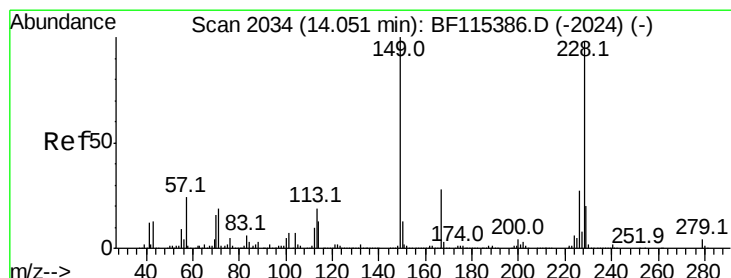
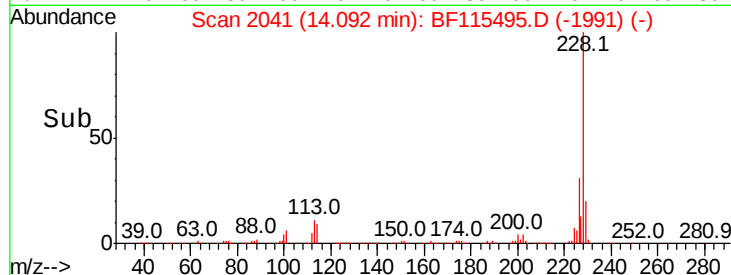
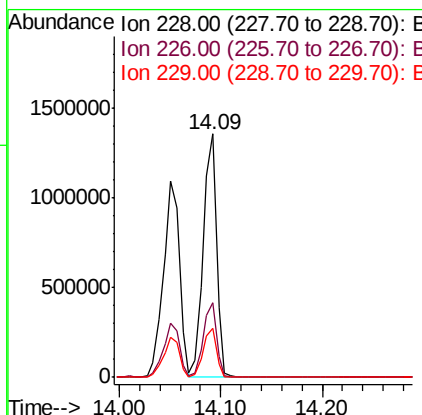
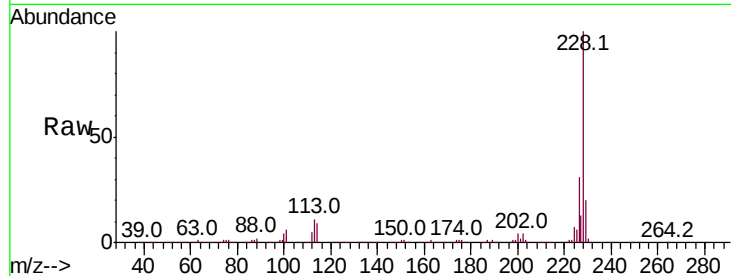
#83  
 Chrvsene  
 Concen: 29.449 ng  
 RT: 14.09 min Scan# 2041  
 Delta R.T. -0.01 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 25.1  | 37.7  |
| 229     | 20.0  | 16.1  | 24.1  |

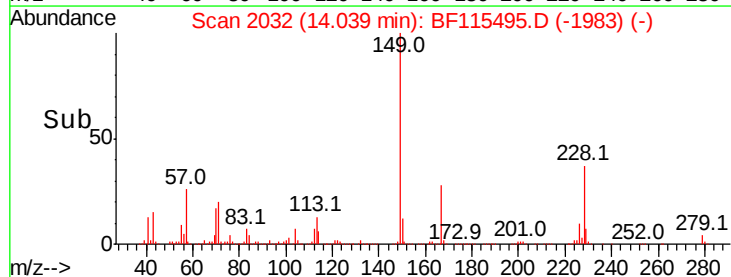
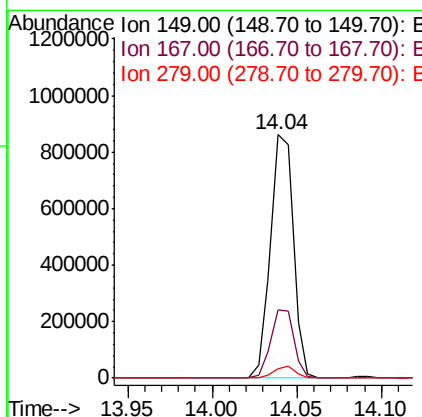
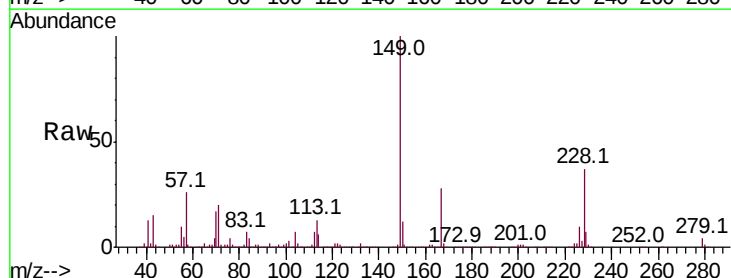
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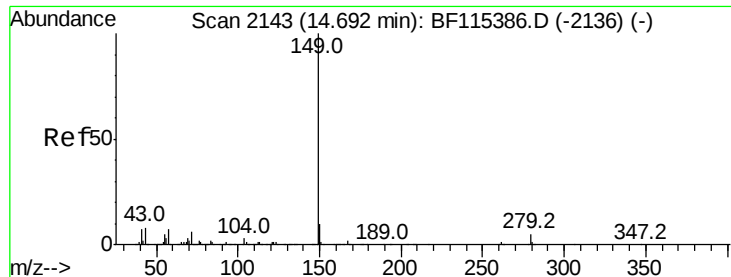
mohammad  
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 30.203 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.6  | 34.0  |
| 279     | 3.9   | 3.8   | 5.6   |





#85

Di-n-octyl phthalate

Concen: 30.225 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

Instrument :

BNA\_F

ClientSampleId :

PB121170BS

Tot Ion:149 Resp: 1447481

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

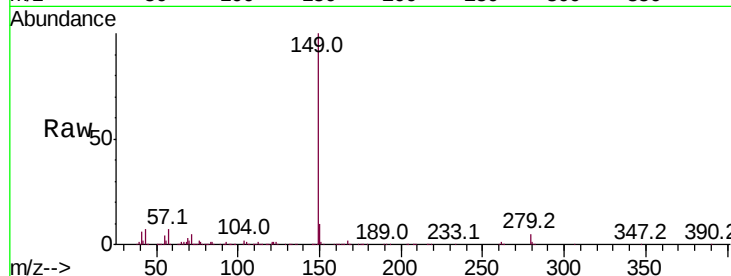
43 8.3 7.0 10.6

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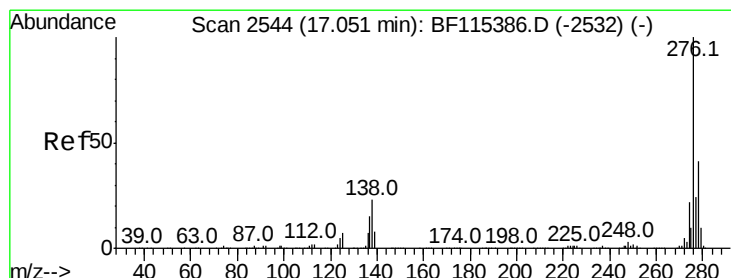
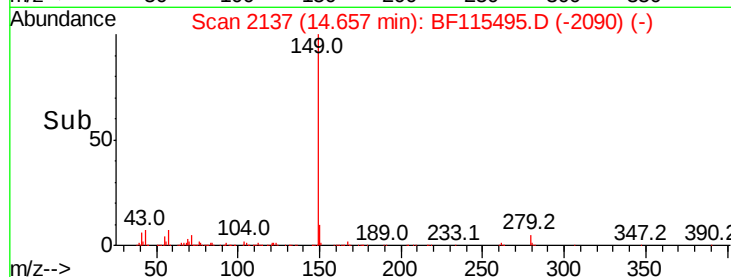
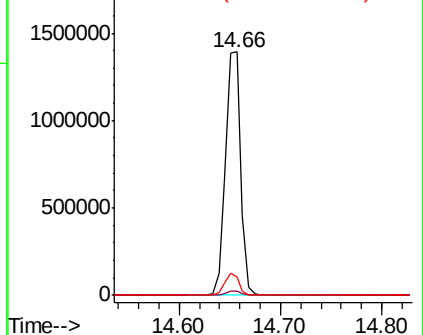
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 27.609 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BF115495.D

Acq: 11 Jul 2019 12:21

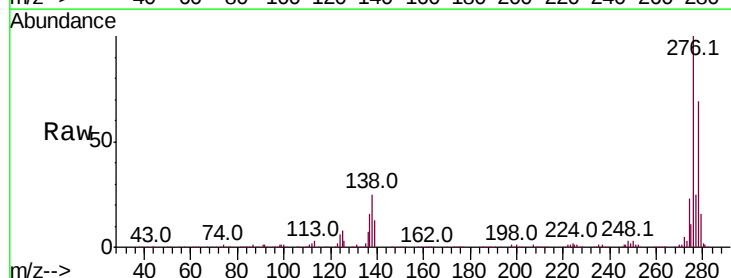
Tgt Ion:276 Resp: 1030247

Ion Ratio Lower Upper

276 100

138 25.7 20.6 31.0

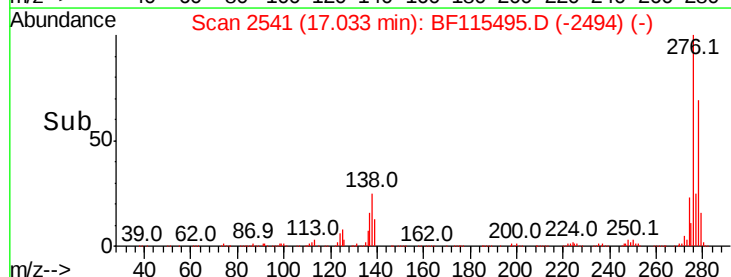
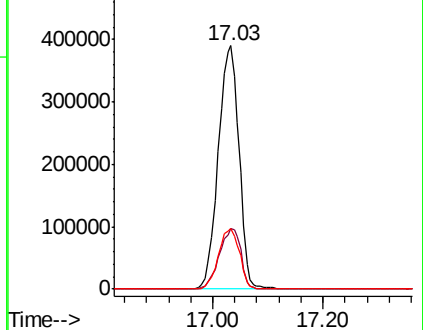
277 25.2 20.2 30.2

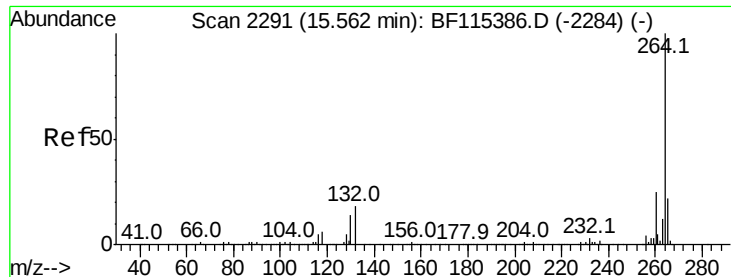


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





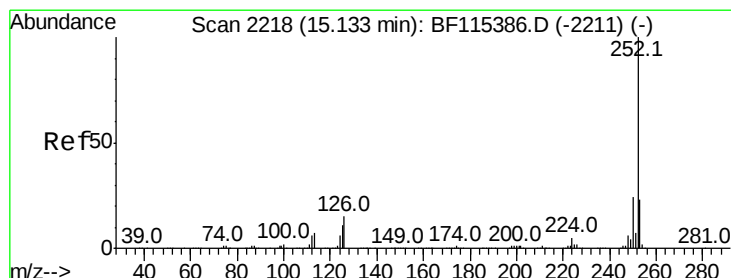
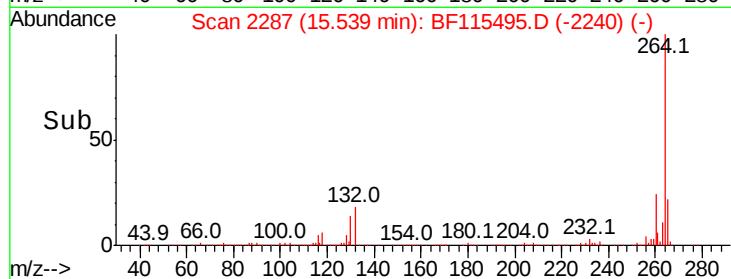
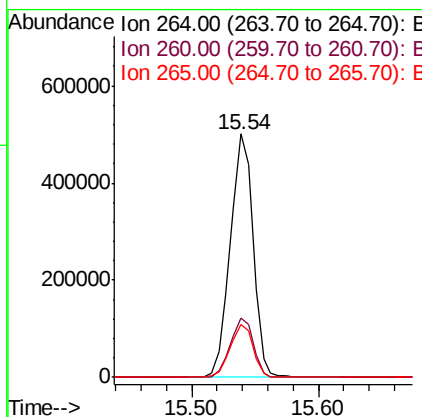
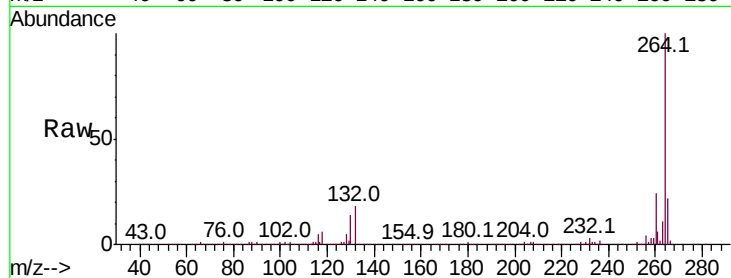
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.54 min Scan# 2287  
 Delta R.T. -0.02 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 20.1  | 30.1  |
| 265     | 21.7  | 17.8  | 26.6  |

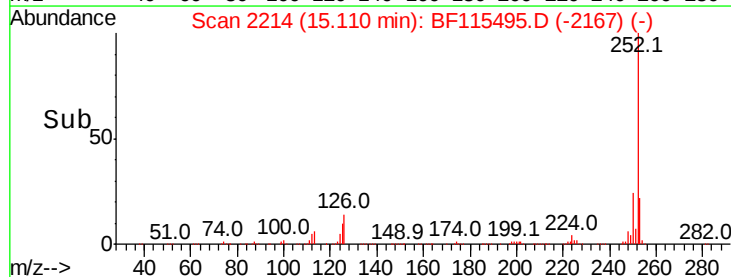
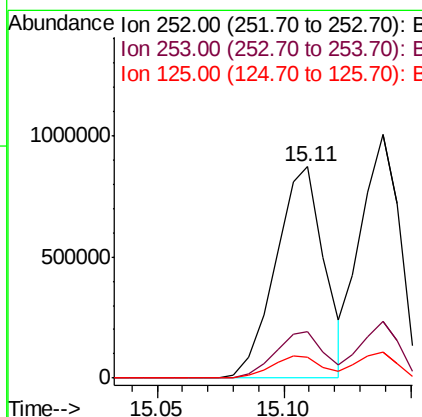
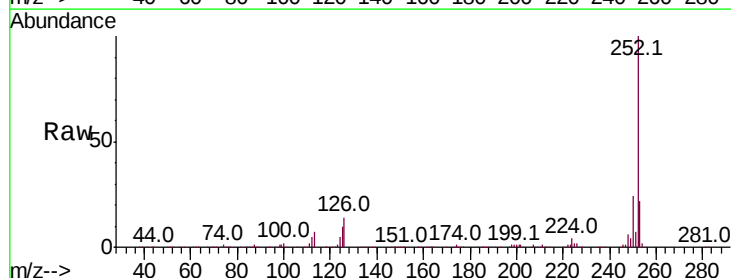
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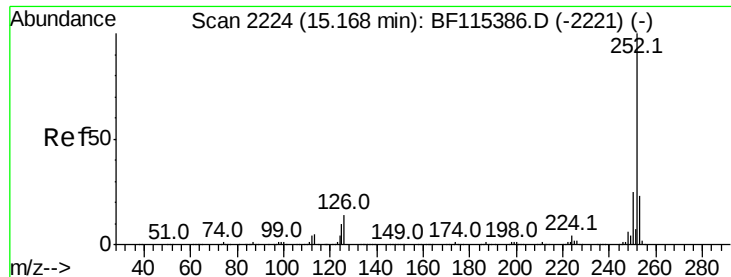
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#88  
 Benzo(b)fluoranthene  
 Concen: 28.807 ng  
 RT: 15.11 min Scan# 2214  
 Delta R.T. -0.02 min  
 Lab File: BF115495.D  
 Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.0  | 27.0  |
| 125     | 10.1  | 8.5   | 12.7  |





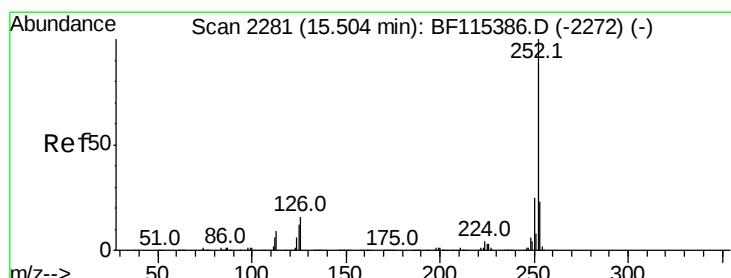
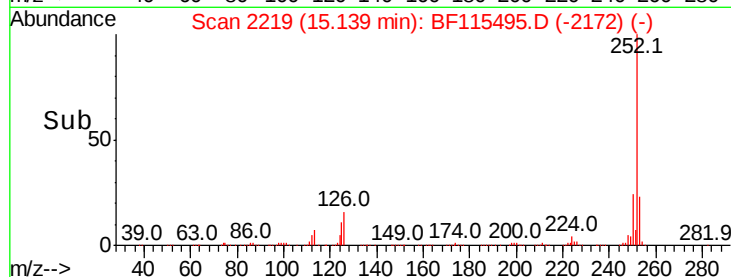
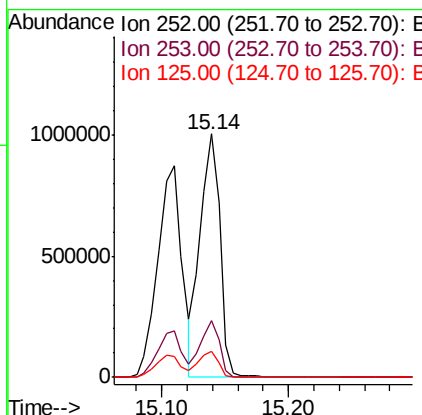
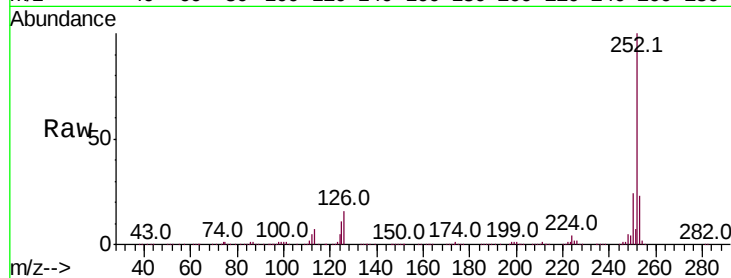
#89  
Benzo(k)fluoranthene  
Concen: 30.434 ng  
RT: 15.14 min Scan# 2219  
Delta R.T. -0.02 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.0  | 27.0  |
| 125     | 10.9  | 8.6   | 13.0  |

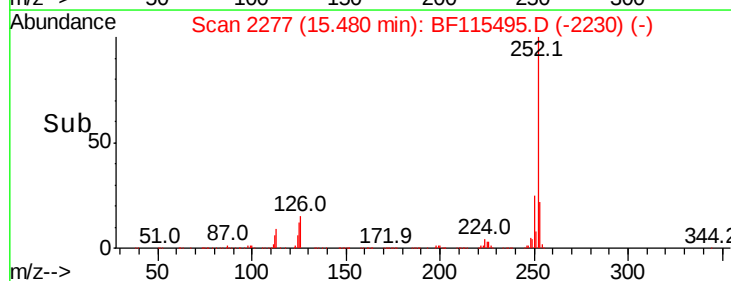
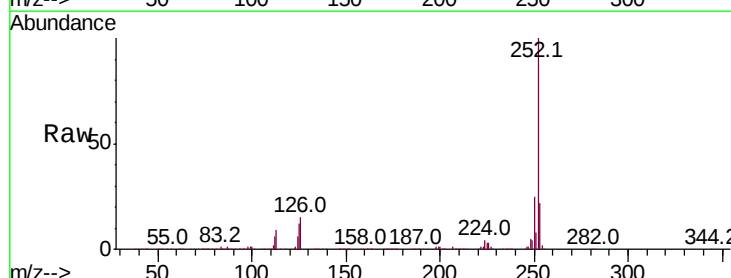
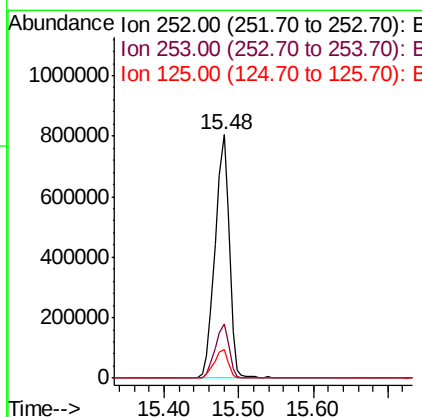
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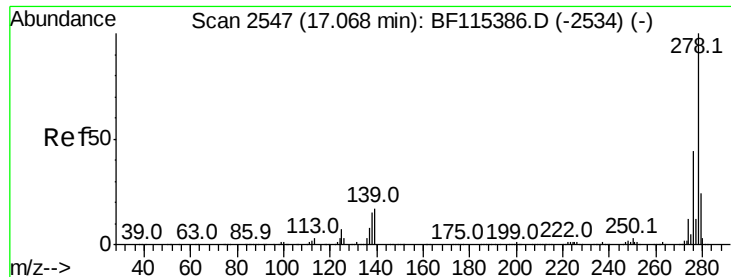
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#90  
Benzo(a)pyrene  
Concen: 30.431 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. -0.02 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.7  | 26.5  |
| 125     | 11.6  | 9.7   | 14.5  |





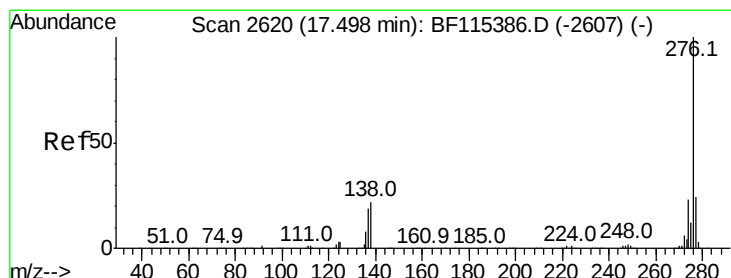
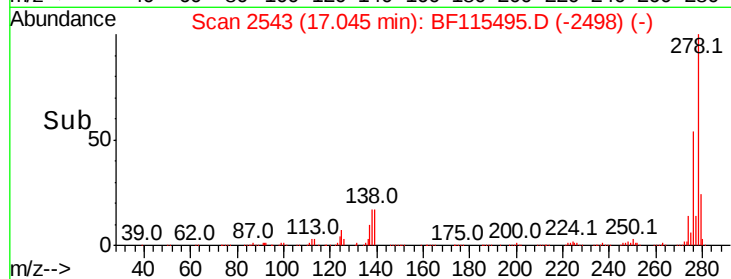
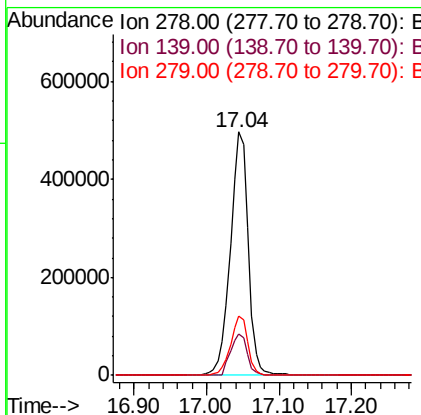
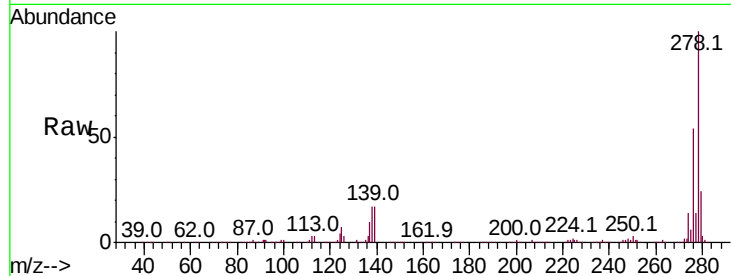
#91  
Dibenzo(a,h)anthracene  
Concen: 28.670 ng  
RT: 17.04 min Scan# 2543  
Delta R.T. -0.04 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

Instrument :  
BNA\_F  
ClientSampleId :  
PB121170BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.1  | 13.0  | 19.6  |
| 279     | 24.3  | 19.4  | 29.2  |

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#92  
Benzo(g,h,i)perylene  
Concen: 29.826 ng  
RT: 17.47 min Scan# 2616  
Delta R.T. -0.04 min  
Lab File: BF115495.D  
Acq: 11 Jul 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.8  | 28.2  |
| 138     | 23.1  | 17.8  | 26.8  |

