

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\  
 Data File : BF118382.D  
 Acq On : 30 Dec 2019 15:38  
 Operator : JU  
 Sample : PB125780BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB125780BS

Manual Integrations  
 APPROVED

mohammad  
 12/31/2019 12:03:57 PM

Quant Time: Dec 31 01:09:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 15:58:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 136135   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.14  | 136  | 560615   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 300186   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.40 | 188  | 559623   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 356799   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.54 | 264  | 228946   | 20.00 | ng    | 0.01     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.48  | 112 | 902694  | 113.19 | ng | 0.02 |
| 7) Phenol-d6                | 6.50  | 99  | 1096816 | 110.86 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 7.42  | 82  | 713960  | 72.84  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.70 | 330 | 383066  | 103.33 | ng | 0.01 |
| 45) 2-Fluorobiphenyl        | 9.22  | 172 | 1472978 | 74.90  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.99 | 244 | 1681734 | 78.20  | ng | 0.00 |

|                                |      |     |         |           |        |
|--------------------------------|------|-----|---------|-----------|--------|
| Target Compounds               |      |     |         |           | Qvalue |
| 2) 1,4-Dioxane                 | 2.68 | 88  | 116679  | 36.803 ng | 98     |
| 3) Pyridine                    | 3.44 | 79  | 276963  | 32.789 ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.39 | 42  | 134930  | 38.636 ng | 99     |
| 6) Aniline                     | 6.52 | 93  | 331110  | 26.356 ng | # 85   |
| 8) 2-Chlorophenol              | 6.65 | 128 | 382517  | 42.349 ng | 100    |
| 9) Benzaldehyde                | 6.40 | 77  | 81873   | 14.115 ng | 98     |
| 10) Phenol                     | 6.51 | 94  | 449252  | 40.401 ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.59 | 93  | 325629  | 40.947 ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 405576  | 38.988 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.87 | 146 | 414519  | 39.231 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 390406  | 39.136 ng | 98     |
| 15) Benzyl Alcohol             | 7.00 | 79  | 308562  | 40.963 ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.13 | 45  | 336388  | 39.641 ng | 86     |
| 17) 2-Methylphenol             | 7.12 | 107 | 303265  | 41.861 ng | 96     |
| 18) Hexachloroethane           | 7.36 | 117 | 149740  | 38.614 ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 242428  | 39.777 ng | 98     |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 384616  | 41.482 ng | 96     |
| 22) Acetophenone               | 7.26 | 105 | 513497  | 37.372 ng | # 95   |
| 24) Nitrobenzene               | 7.44 | 77  | 370245  | 37.708 ng | 100    |
| 25) Isophorone                 | 7.68 | 82  | 675272  | 39.530 ng | 99     |
| 26) 2-Nitrophenol              | 7.76 | 139 | 207348  | 39.869 ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 329633  | 46.455 ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.89 | 93  | 417863  | 37.403 ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.00 | 162 | 325157  | 39.812 ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.08 | 180 | 351776  | 36.975 ng | 99     |
| 31) Naphthalene                | 8.16 | 128 | 1114430 | 39.111 ng | 99     |
| 32) Benzoic acid               | 7.95 | 122 | 208516  | 36.360 ng | 99     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 248063  | 20.308 ng | 97     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 205476  | 36.282 ng | 97     |
| 35) Caprolactam                | 8.59 | 113 | 102662m | 40.263 ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107 | 339114  | 38.673 ng | 98     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 766288  | 39.279 ng | 100    |
| 38) 1-Methylnaphthalene        | 8.96 | 142 | 722905  | 39.331 ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 334180  | 37.052 ng | 100    |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 24 15:58:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 173845   | 49.639 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.14  | 196  | 225344   | 37.398 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 238019   | 38.400 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.32  | 154  | 909426   | 38.303 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.35  | 162  | 705632   | 36.926 | nq    | 97       |
| 48) 2-Nitroaniline             | 9.45  | 65   | 192325   | 35.632 | nq    | 96       |
| 49) Acenaphthylene             | 9.76  | 152  | 1119230  | 39.492 | nq    | 100      |
| 50) Dimethylphthalate          | 9.62  | 163  | 839366   | 37.250 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.69  | 165  | 186524   | 38.395 | nq    | 93       |
| 52) Acenaphthene               | 9.94  | 154  | 648344   | 37.557 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.86  | 138  | 139039   | 24.385 | nq    | 93       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 166415   | 68.722 | nq    | 97       |
| 55) Dibenzofuran               | 10.11 | 168  | 979412   | 38.397 | nq    | 96       |
| 56) 4-Nitrophenol              | 10.04 | 139  | 252800   | 71.819 | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.10 | 165  | 245890   | 37.880 | nq    | 93       |
| 58) Fluorene                   | 10.46 | 166  | 778840   | 37.824 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 201483   | 38.256 | nq    | 97       |
| 60) Diethylphthalate           | 10.32 | 149  | 841899   | 37.767 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.45 | 204  | 385236   | 37.478 | nq    | 94       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 185261   | 31.276 | nq    | 98       |
| 63) Azobenzene                 | 10.60 | 77   | 727570   | 38.104 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 124300   | 41.173 | nq    | 90       |
| 66) n-Nitrosodiphenylamine     | 10.56 | 169  | 688737   | 38.400 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.93 | 248  | 239509   | 36.571 | nq    | 92       |
| 68) Hexachlorobenzene          | 11.01 | 284  | 274247   | 35.575 | nq    | 95       |
| 69) Atrazine                   | 11.10 | 200  | 228364   | 41.254 | nq    | 97       |
| 70) Pentachlorophenol          | 11.21 | 266  | 231544   | 69.353 | nq    | 98       |
| 71) Phenanthrene               | 11.42 | 178  | 1145883  | 37.560 | nq    | 100      |
| 72) Anthracene                 | 11.47 | 178  | 1177973  | 38.576 | nq    | 99       |
| 73) Carbazole                  | 11.63 | 167  | 997632   | 36.818 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.95 | 149  | 1312370  | 38.198 | nq    | 99       |
| 75) Fluoranthene               | 12.62 | 202  | 1144296  | 37.166 | nq    | 97       |
| 77) Benzidine                  | 12.74 | 184  | 199911   | 20.448 | nq    | 97       |
| 78) Pyrene                     | 12.85 | 202  | 1145731  | 39.323 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 520217   | 39.654 | nq    | 97       |
| 81) Benzo(a)anthracene         | 14.04 | 228  | 939099   | 37.602 | nq    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 251966   | 29.756 | nq    | 97       |
| 83) Chrysene                   | 14.08 | 228  | 882464   | 36.902 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 722967   | 41.910 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1077186  | 42.451 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 17.06 | 276  | 710934   | 34.891 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.10 | 252  | 763175   | 50.217 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.14 | 252  | 710433   | 48.686 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.48 | 252  | 638534   | 47.696 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 17.07 | 278  | 618634   | 53.249 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.52 | 276  | 598510   | 53.331 | nq    | 100      |

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

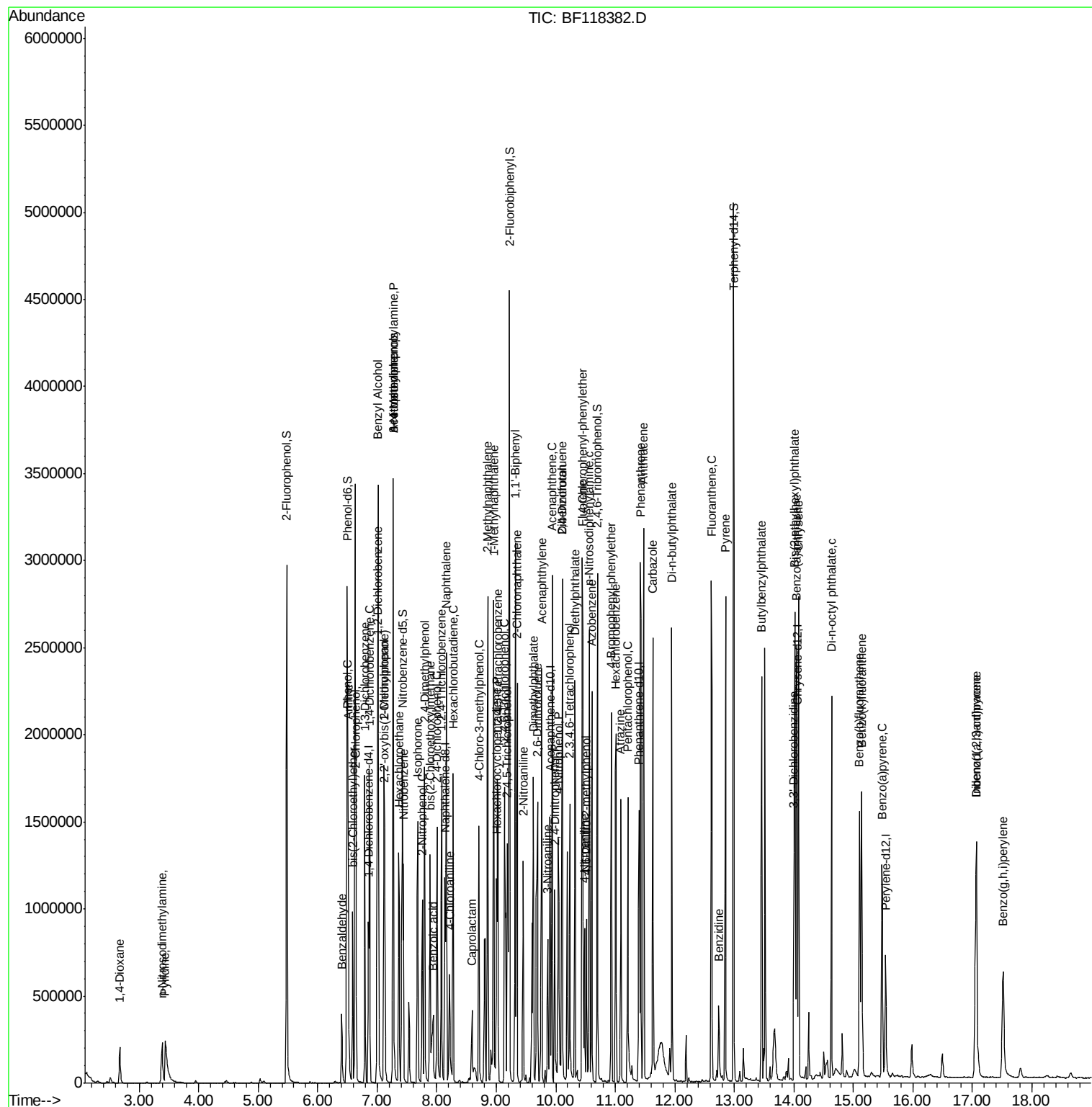
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\  
 Data File : BF118382.D  
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 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

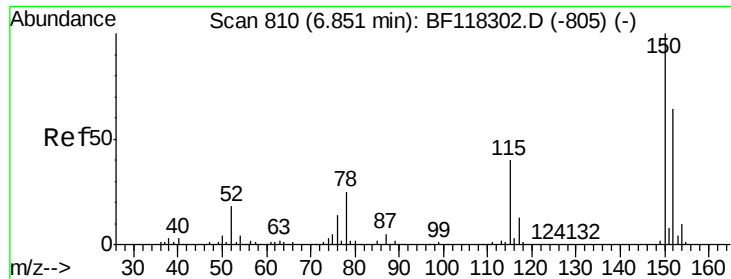
Instrument :  
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#1

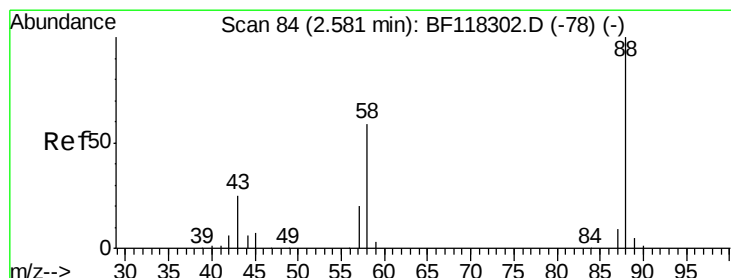
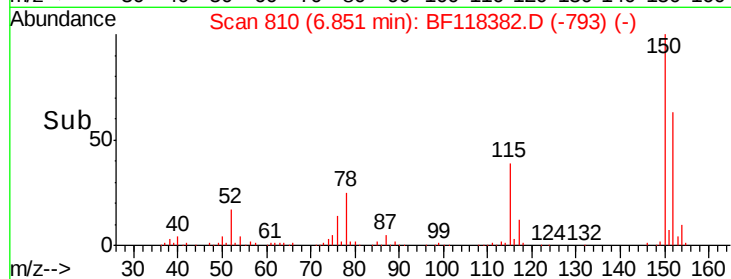
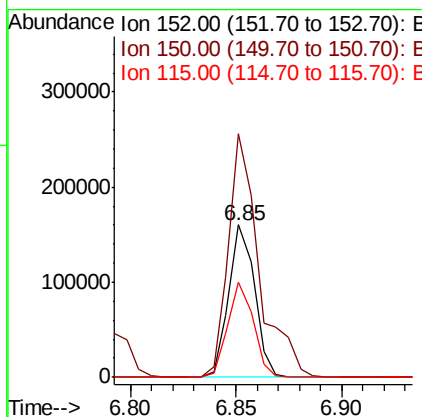
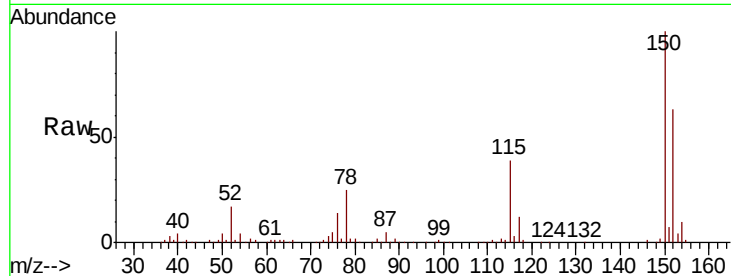
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.9 | 125.4 | 188.2 |
| 115     | 62.8  | 50.2  | 75.4  |

Manual Integrations  
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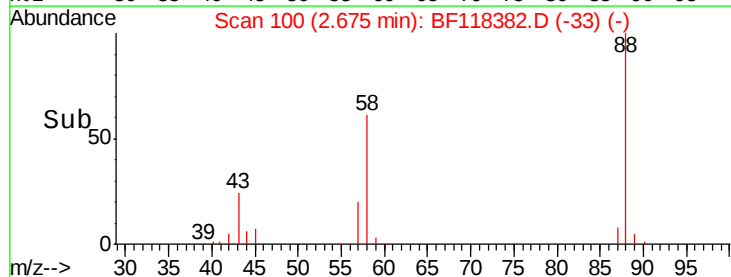
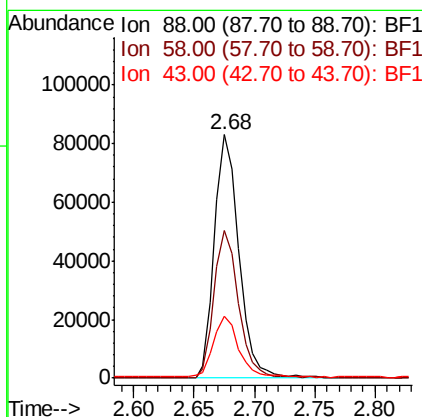
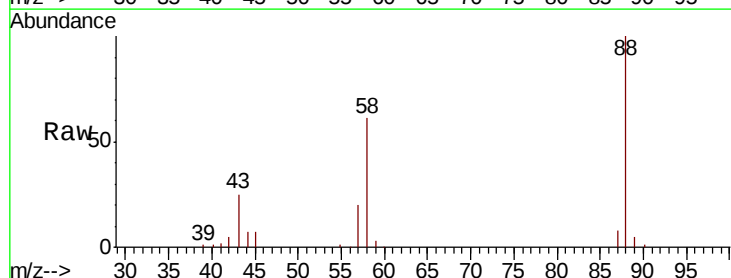
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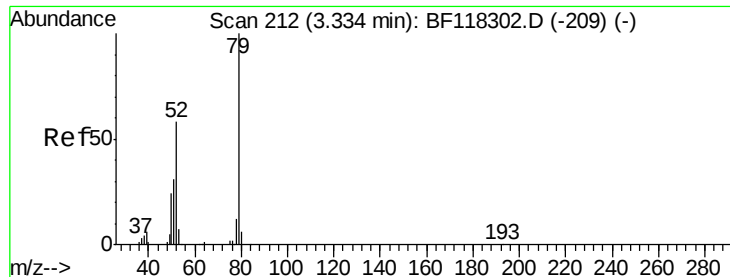


#2

1,4-Dioxane  
Concen: 36.803 ng  
RT: 2.68 min Scan# 100  
Delta R.T. 0.09 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 60.5  | 47.6  | 71.4  |
| 43      | 28.0  | 20.6  | 30.8  |





#3

Pvridine

Concen: 32.789 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.11 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

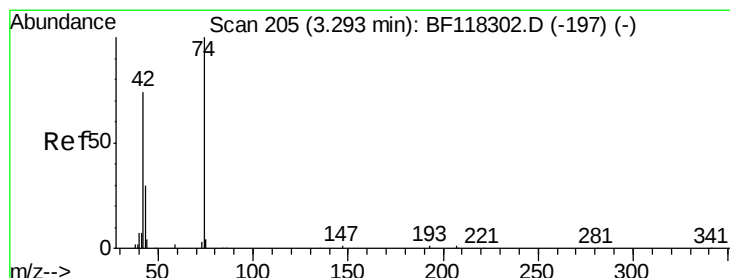
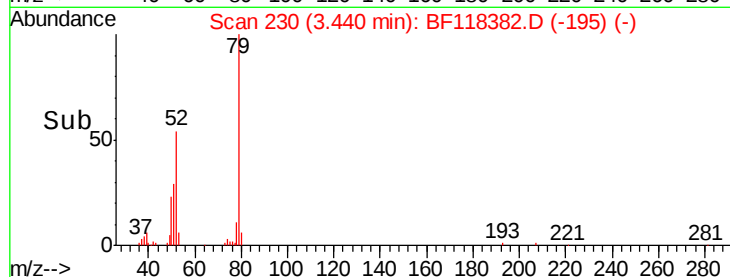
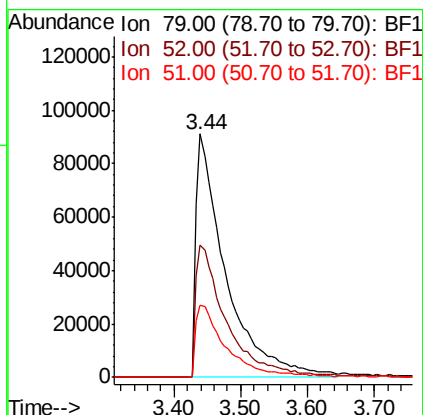
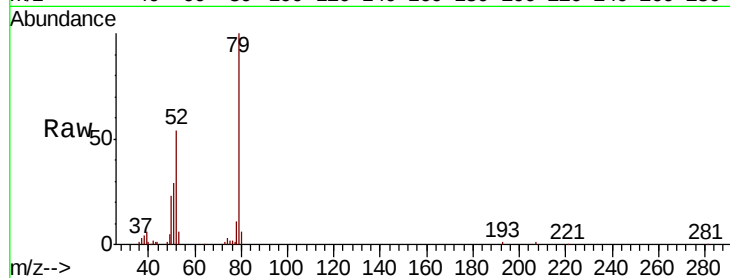
ClientSampleId :

PB125780BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 276963 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 54.5  | 46.4  | 69.6   |
| 51       | 29.4  | 24.9  | 37.3   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 38.636 ng

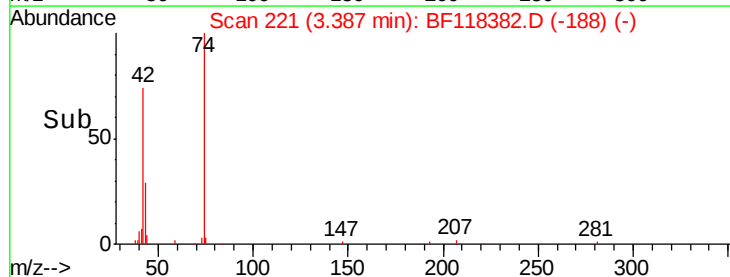
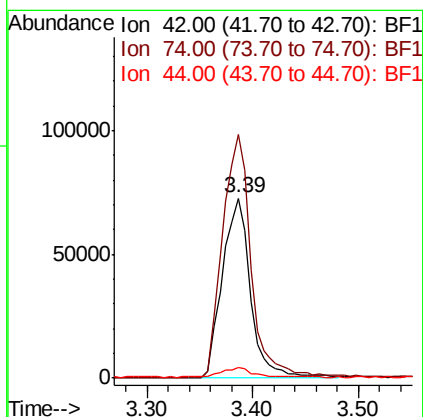
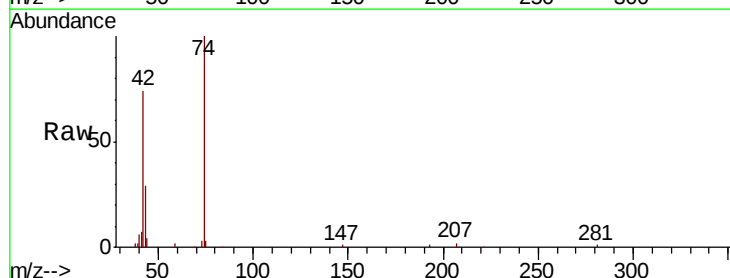
RT: 3.39 min Scan# 221

Delta R.T. 0.09 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 134930 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 135.3 | 107.7 | 161.5  |
| 44       | 6.1   | 4.8   | 7.2    |





#5

2-Fluorophenol

Concen: 113.188 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

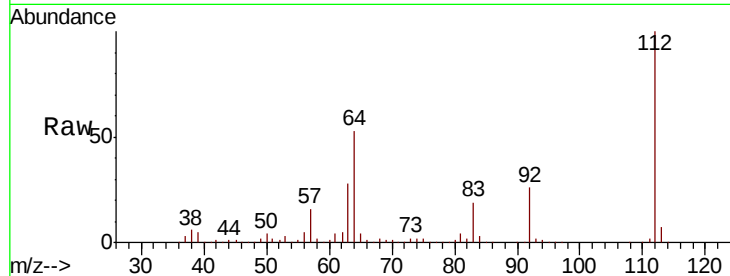
ClientSampleId :

PB125780BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 902694 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 52.7  | 39.7  | 59.5   |
| 63        | 28.3  | 21.7  | 32.5   |

Manual Integrations  
APPROVED

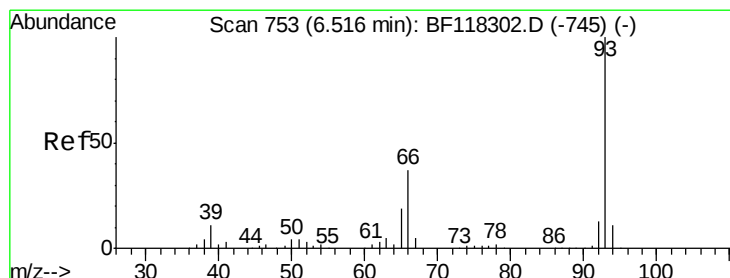
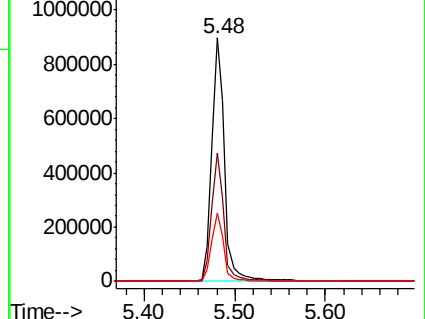
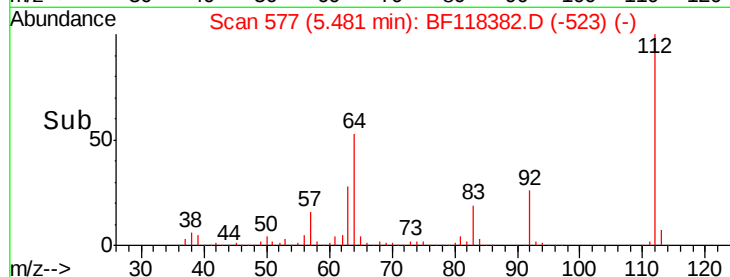
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.356 ng

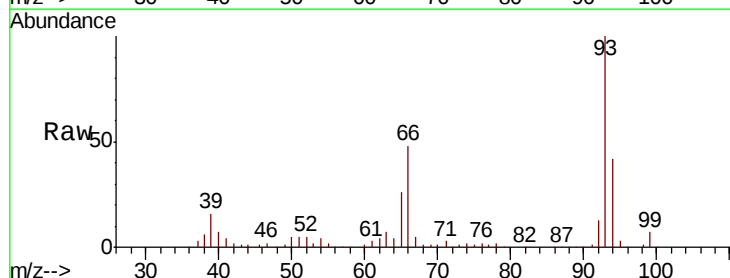
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

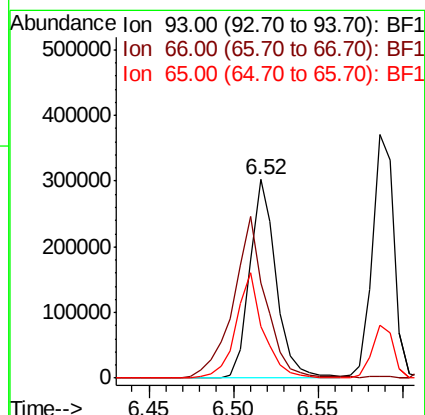
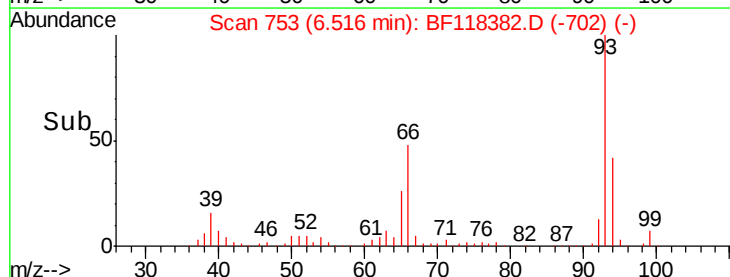
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 331110 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 47.7  | 30.2  | 45.4#  |
| 65        | 25.8  | 15.7  | 23.5#  |

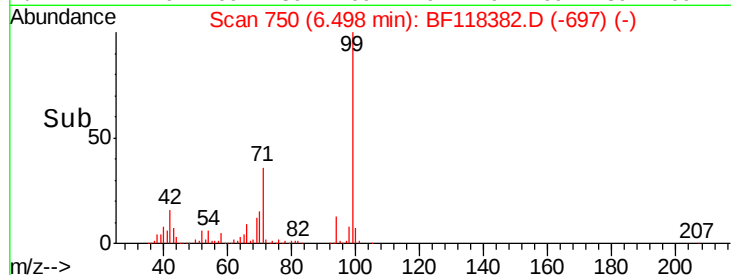
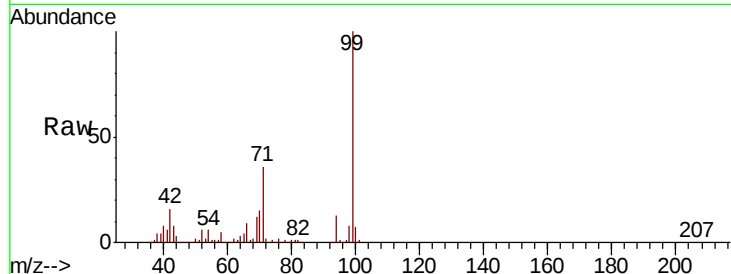
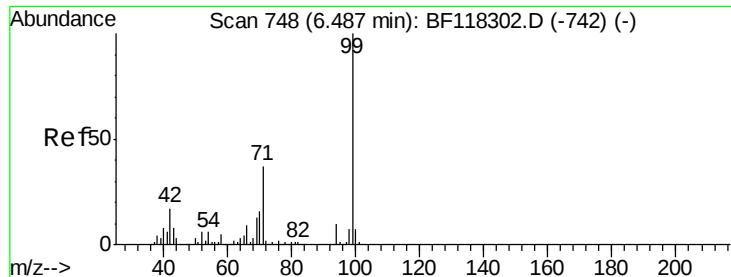


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.864 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Tot Ion: 99 Resp: 1096816

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

71 35.6 29.4 44.2

Instrument :

BNA\_F

ClientSampleId :

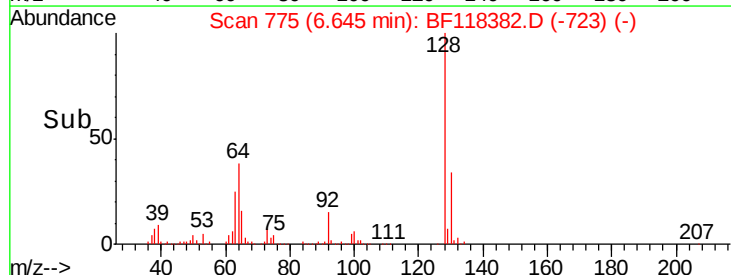
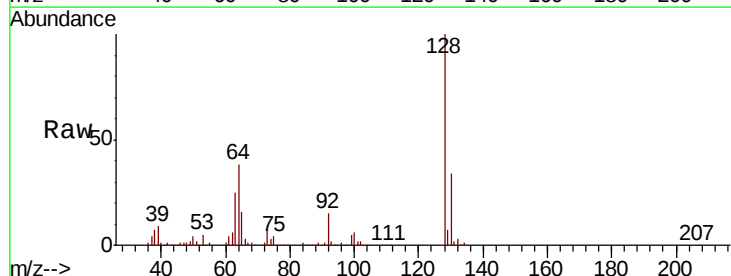
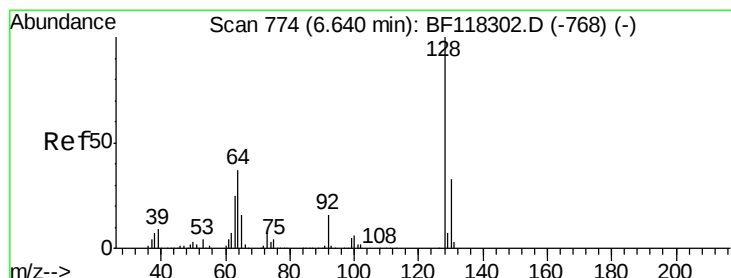
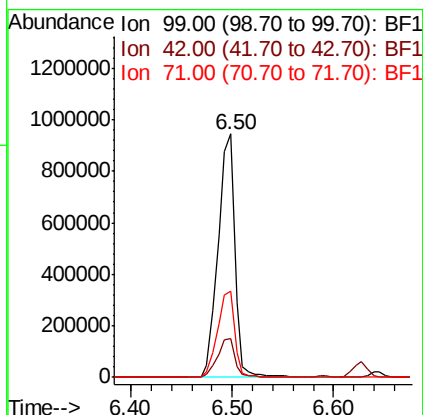
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#8

2-Chlorophenol

Concen: 42.349 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

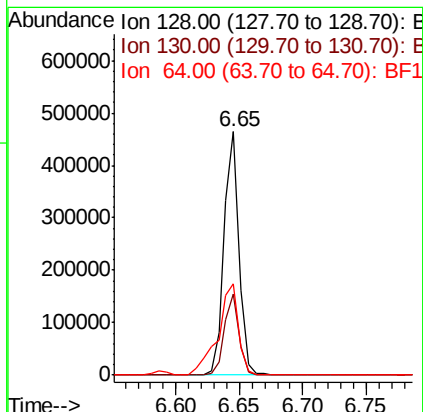
Tgt Ion:128 Resp: 382517

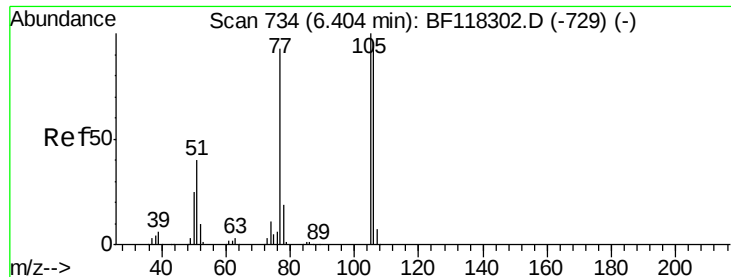
Ion Ratio Lower Upper

128 100

130 33.5 13.2 53.2

64 37.7 17.7 57.7





#9

Benzaldehyde

Concen: 14.115 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

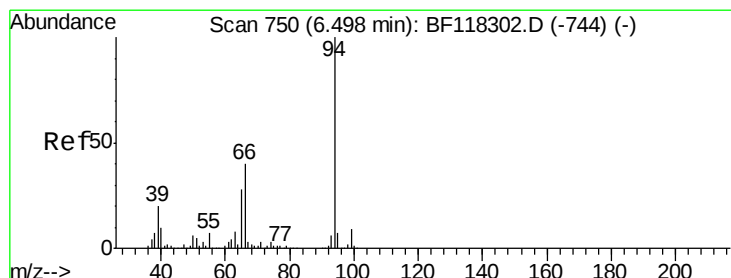
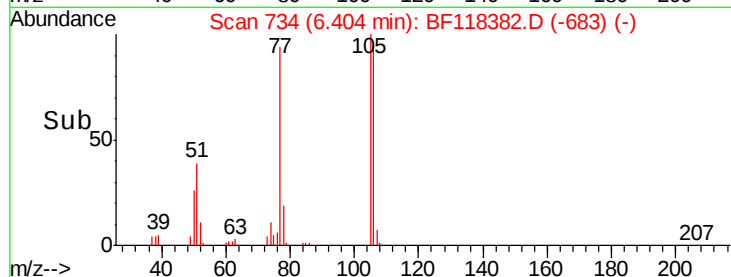
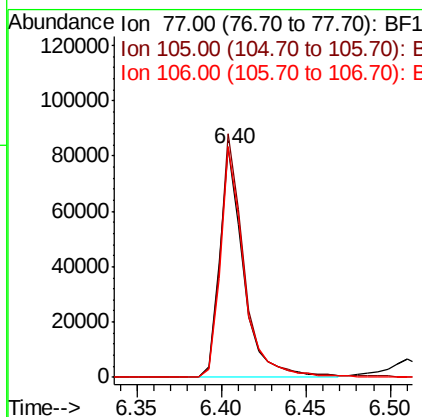
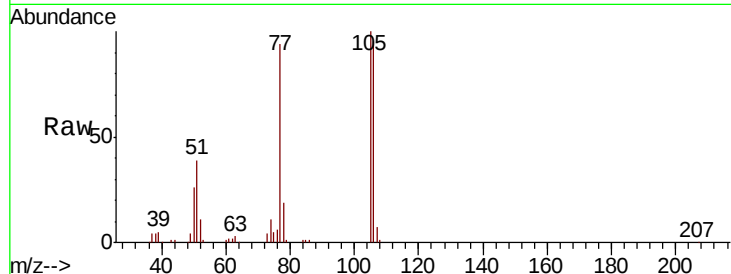
ClientSampleId :

PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 106.2 | 87.5  | 127.5 |
| 106     | 101.0 | 83.6  | 123.6 |

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#10

Phenol

Concen: 40.401 ng

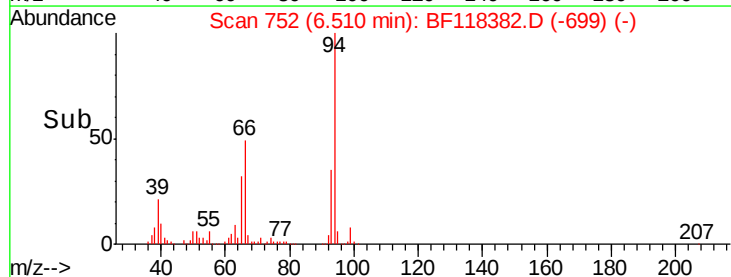
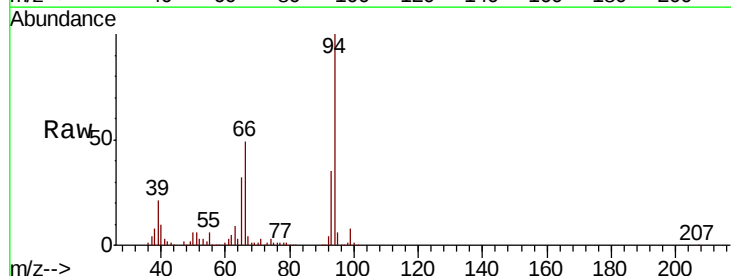
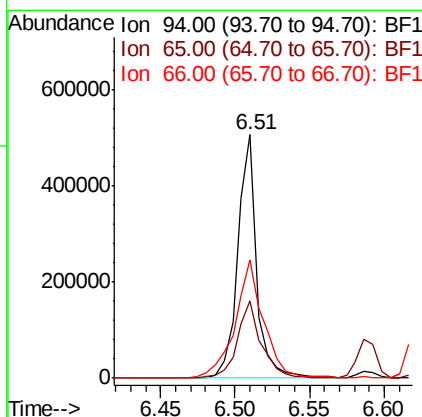
RT: 6.51 min Scan# 752

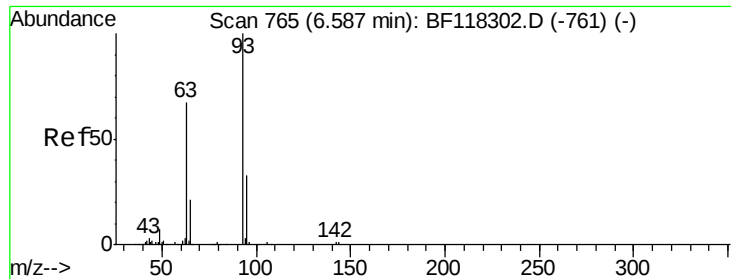
Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 31.7  | 7.8   | 47.8  |
| 66      | 48.6  | 20.4  | 60.4  |





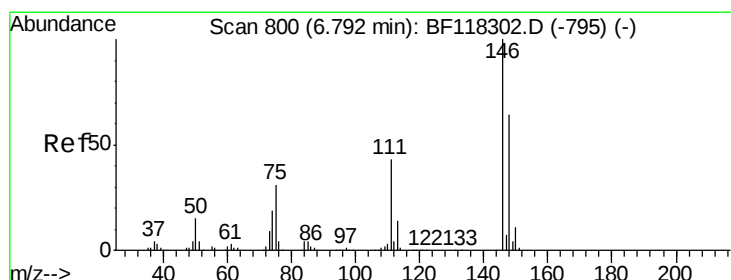
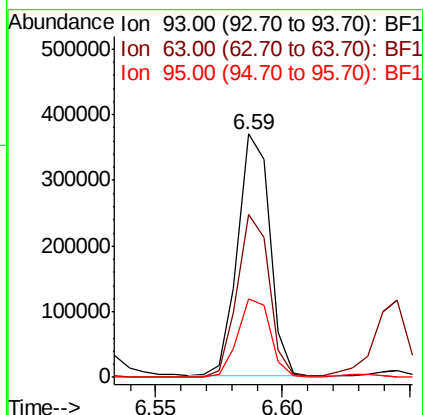
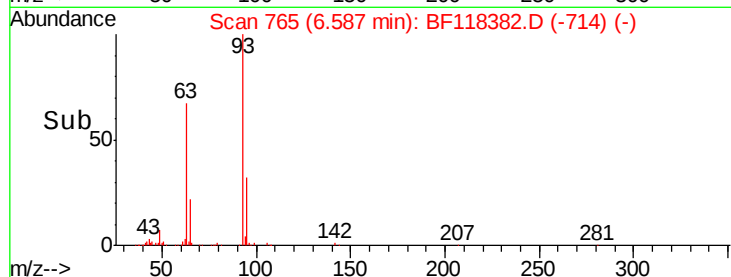
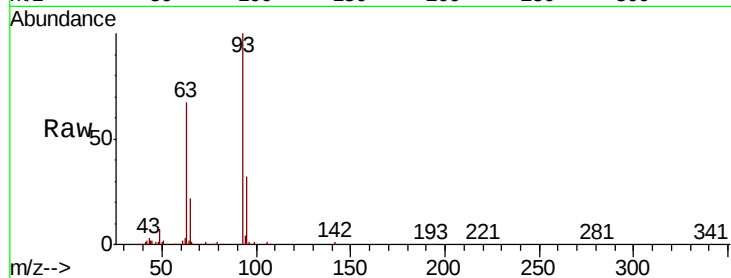
#11  
bis(2-Chloroethyl)ether  
Concen: 40.947 ng  
RT: 6.59 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 67.0  | 47.0  | 87.0  |
| 95      | 32.4  | 12.8  | 52.8  |

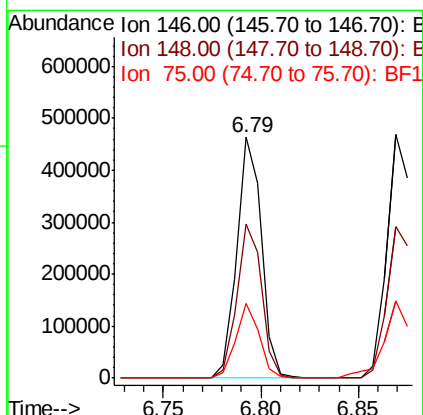
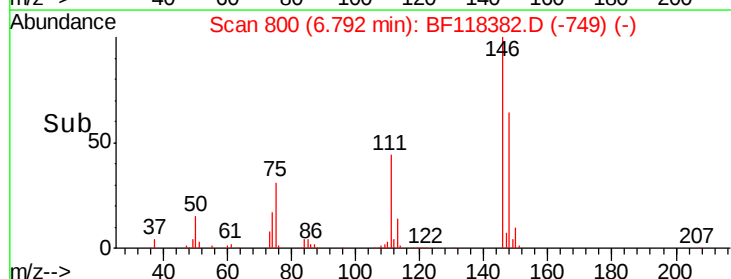
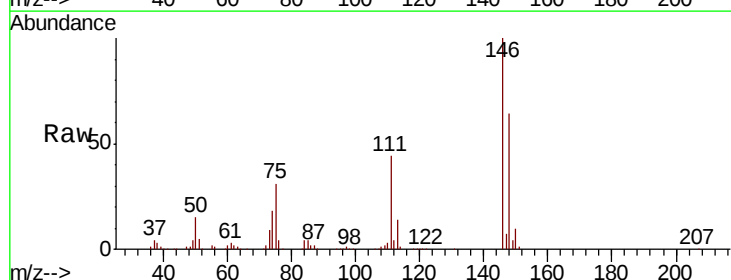
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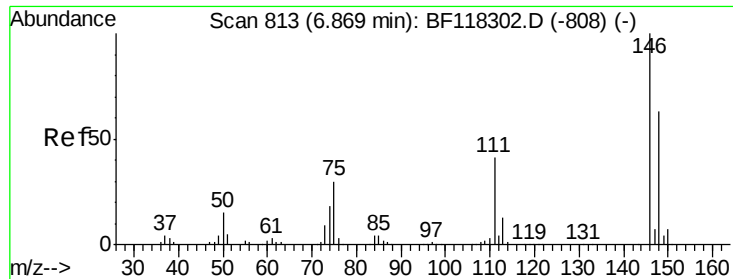
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#12  
1,3-Dichlorobenzene  
Concen: 38.988 ng  
RT: 6.79 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.4  | 77.0  |
| 75      | 31.3  | 24.4  | 36.6  |





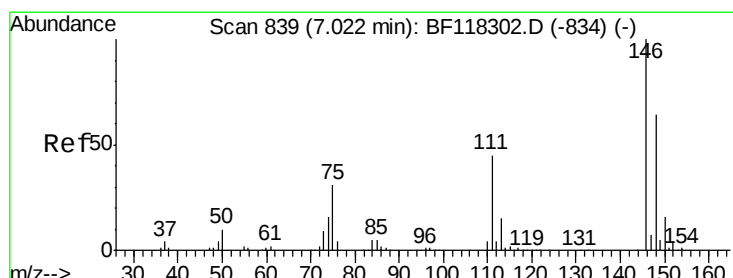
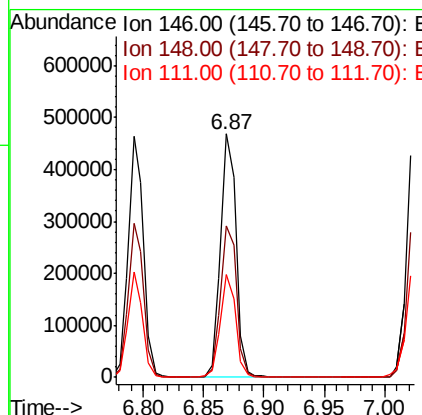
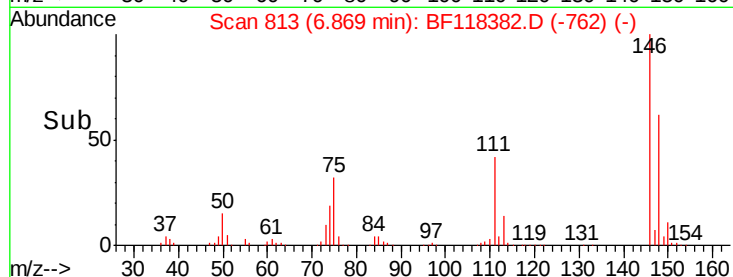
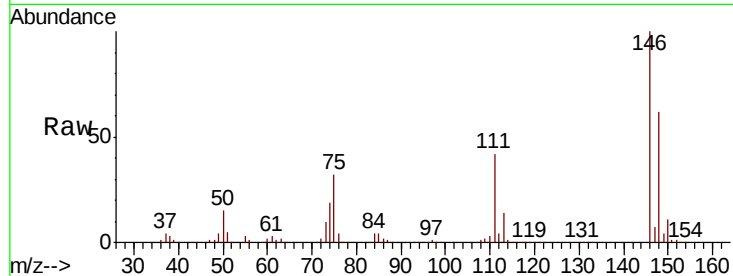
#13  
1,4-Dichlorobenzene  
Concen: 39.231 ng  
RT: 6.87 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 50.3  | 75.5  |
| 111     | 42.2  | 32.8  | 49.2  |

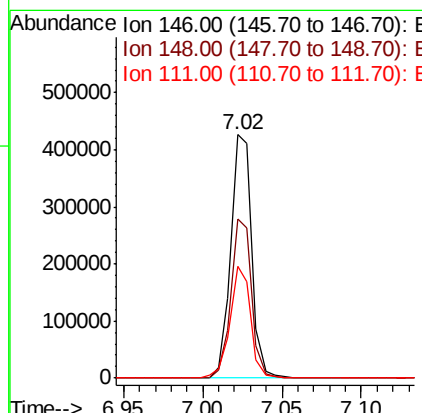
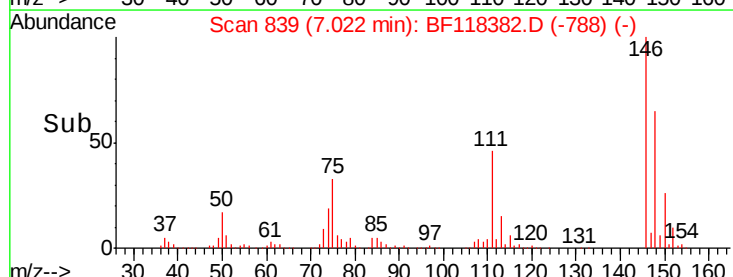
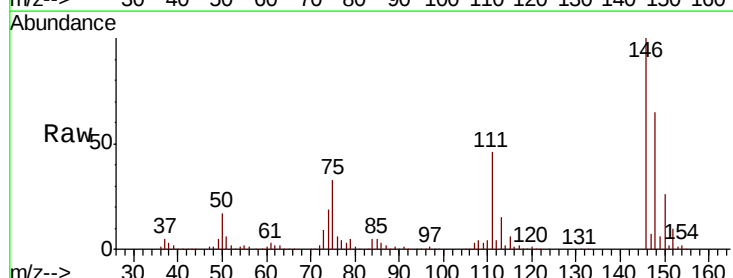
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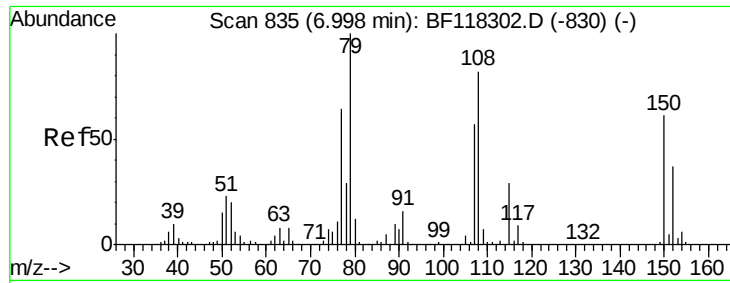
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#14  
1,2-Dichlorobenzene  
Concen: 39.136 ng  
RT: 7.02 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 51.3  | 76.9  |
| 111     | 45.9  | 35.7  | 53.5  |





#15

Benzyl Alcohol

Concen: 40.963 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

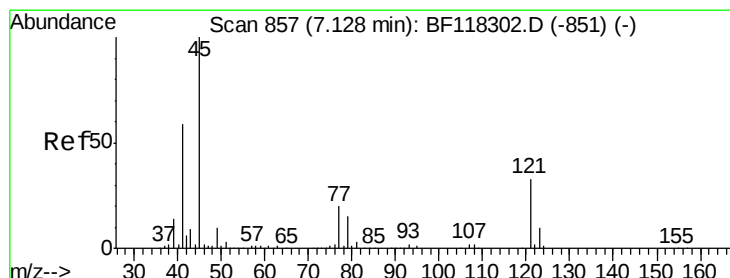
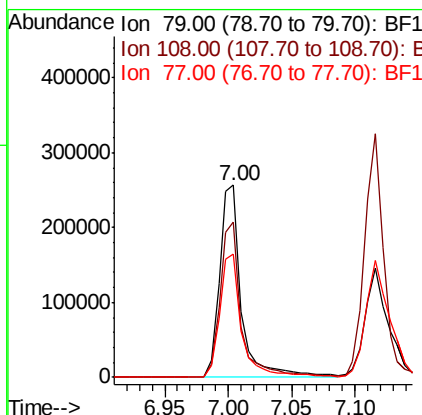
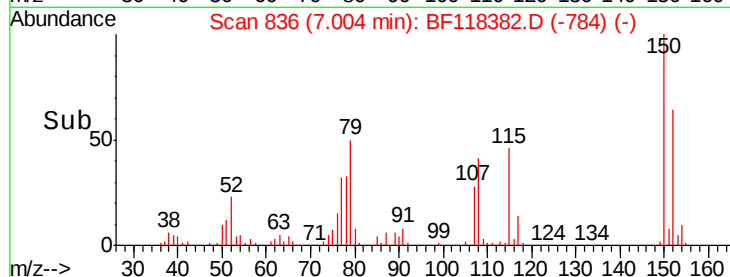
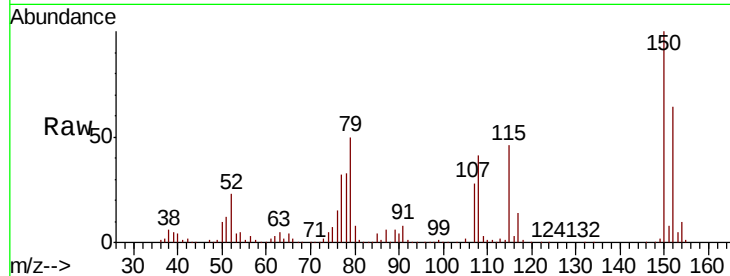
ClientSampleId :

PB125780BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 308562 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 80.6  | 65.4  | 98.0   |
| 77        | 64.0  | 51.4  | 77.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.641 ng

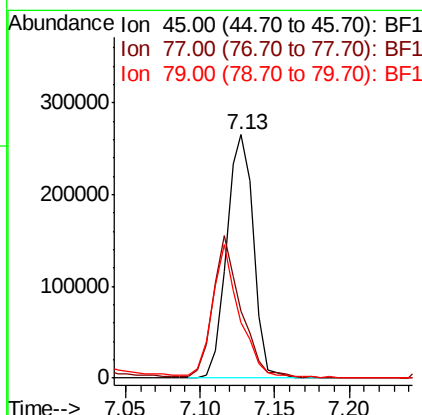
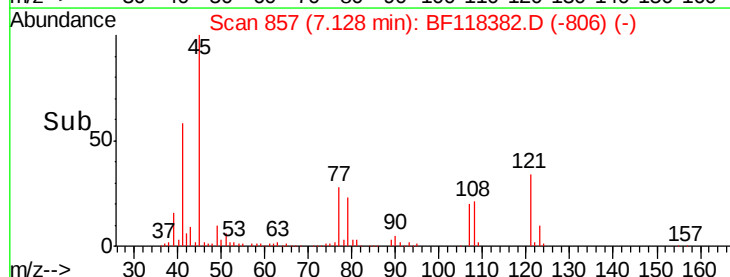
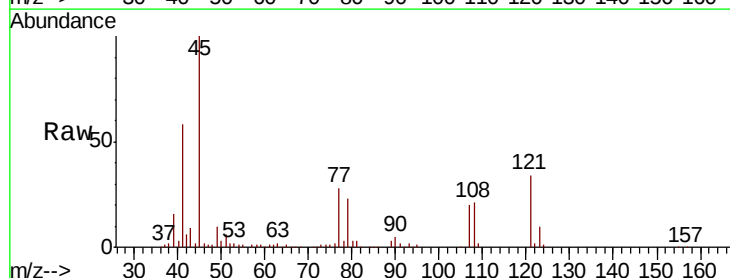
RT: 7.13 min Scan# 857

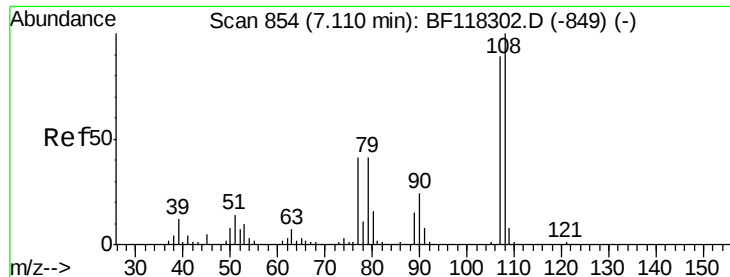
Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 336388 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 27.7  | 1.2   | 41.2   |
| 79        | 22.8  | 0.0   | 37.0   |





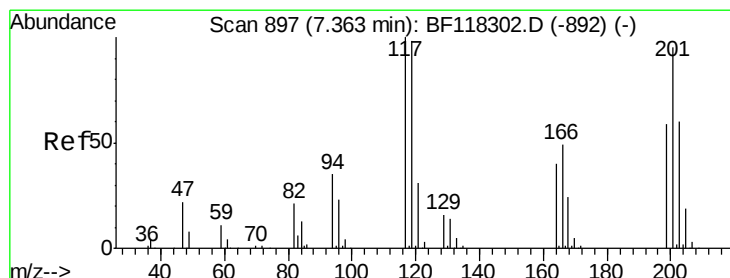
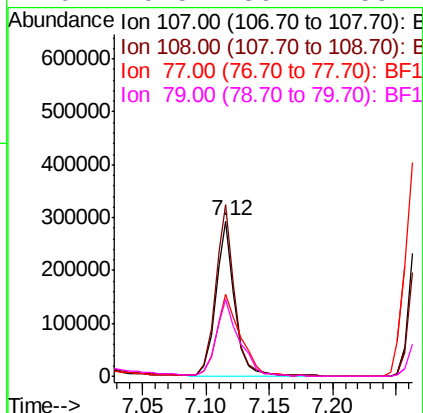
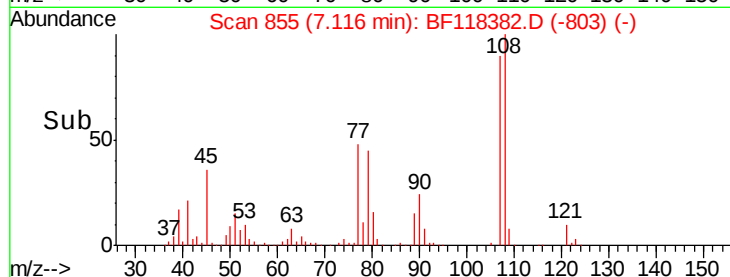
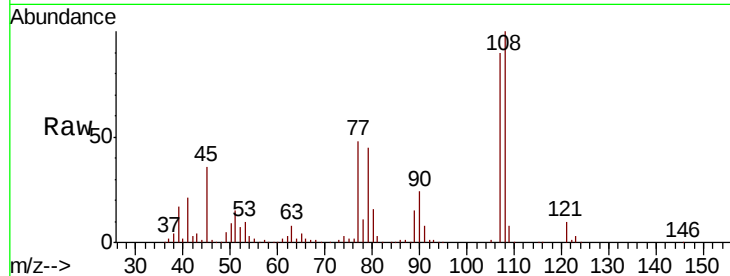
#17  
2-Methylphenol  
Concen: 41.861 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.9 | 89.7 | 134.5 |       |
| 77      | 53.0  | 37.2 | 55.8  |       |
| 79      | 49.5  | 36.7 | 55.1  |       |

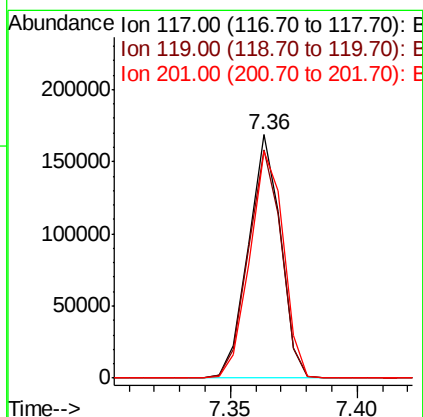
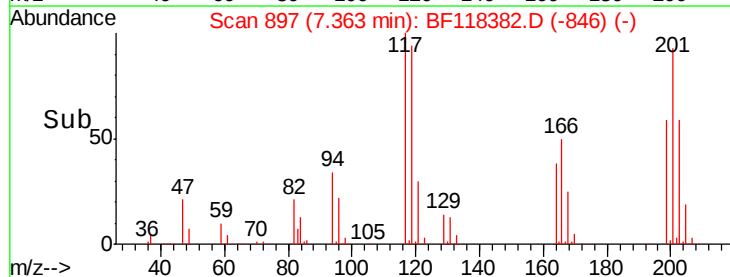
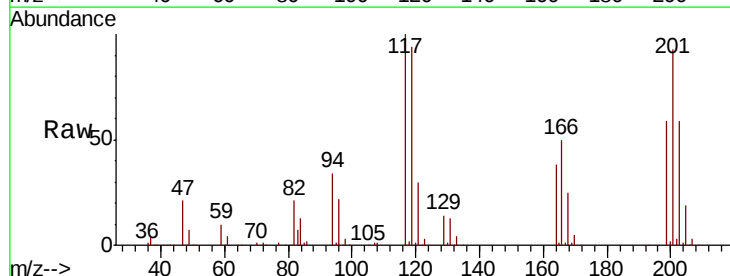
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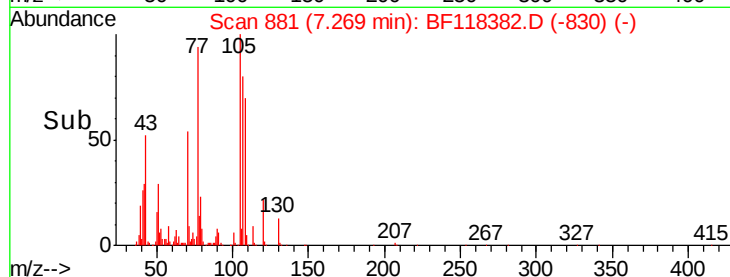
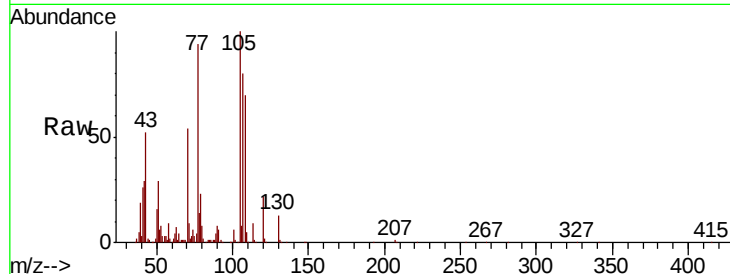
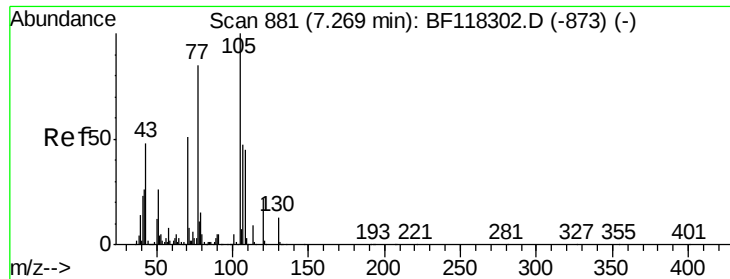
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#18  
Hexachloroethane  
Concen: 38.614 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.0  | 78.0 | 117.0 |       |
| 201     | 93.0  | 76.2 | 114.2 |       |





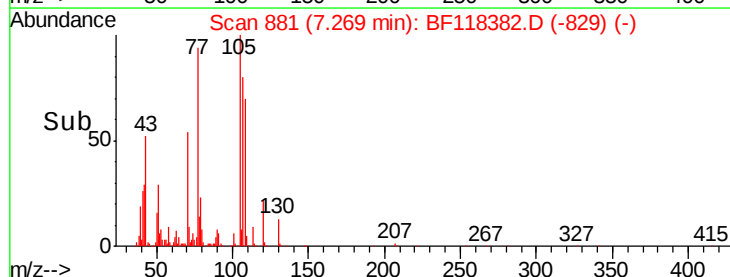
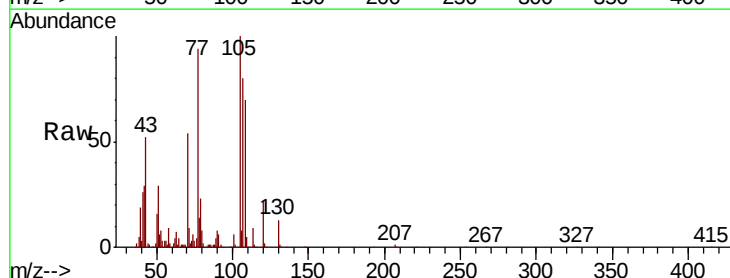
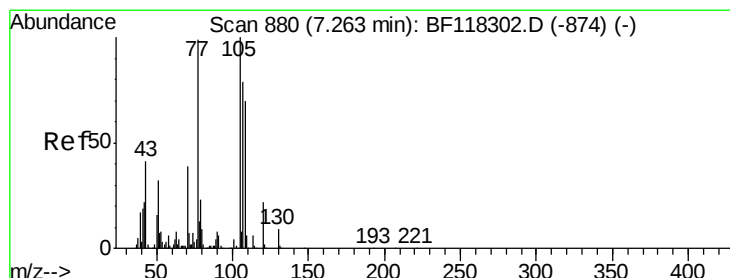
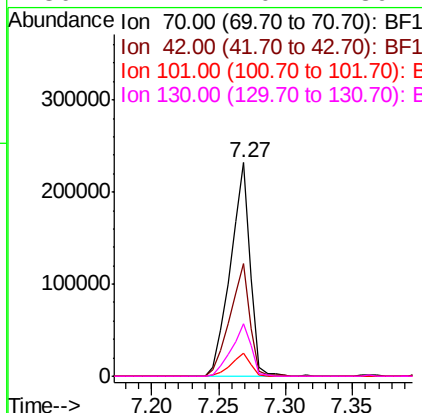
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.777 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.0  | 41.1  | 61.7  |
| 101     | 10.7  | 8.3   | 12.5  |
| 130     | 24.4  | 20.1  | 30.1  |

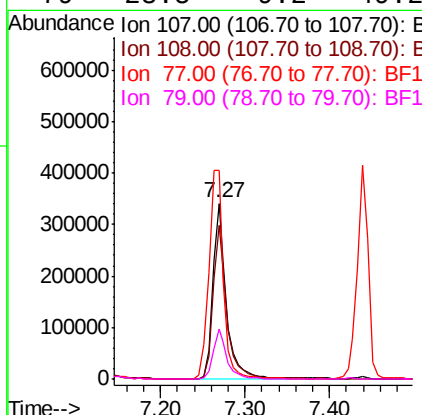
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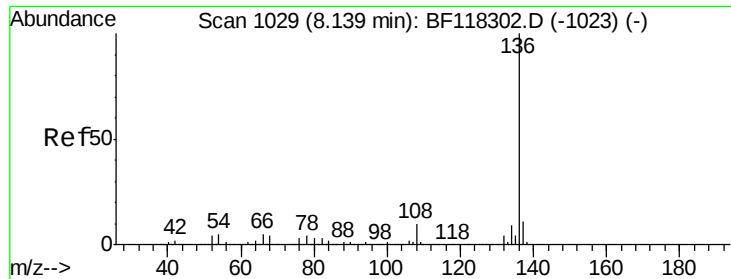
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#20  
3+4-Methylphenols  
Concen: 41.482 ng  
RT: 7.27 min Scan# 881  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.6  | 69.3  | 109.3 |
| 77      | 118.7 | 105.9 | 145.9 |
| 79      | 28.5  | 9.2   | 49.2  |





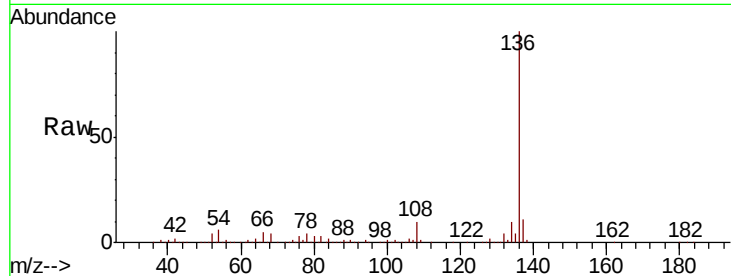
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.14 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 560615 |       |       |
| 137     | 11.3  |        | 8.9   | 13.3  |
| 54      | 5.8   |        | 4.2   | 6.4   |
| 68      | 4.5   |        | 3.5   | 5.3   |

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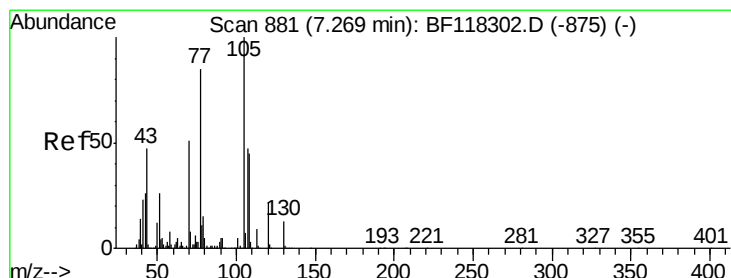
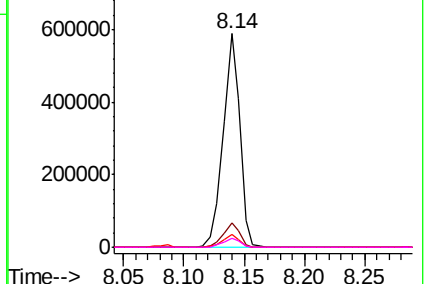
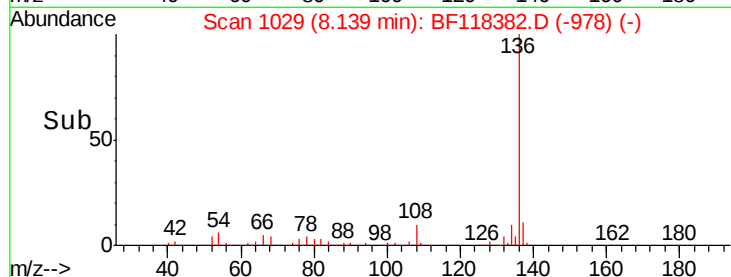
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

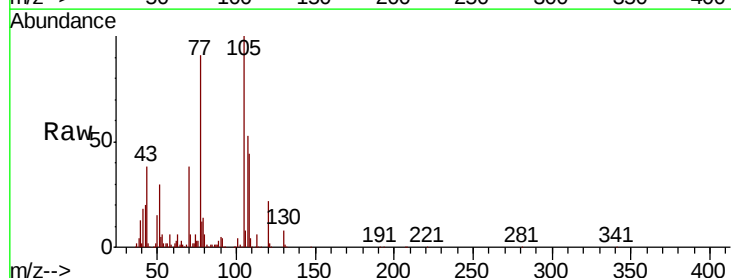
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22  
Acetophenone  
Concen: 37.372 ng  
RT: 7.26 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 513497 |       |       |
| 71      | 6.3   |        | 6.6   | 9.8#  |
| 51      | 29.9  |        | 20.6  | 30.8  |
| 120     | 22.0  |        | 18.0  | 27.0  |



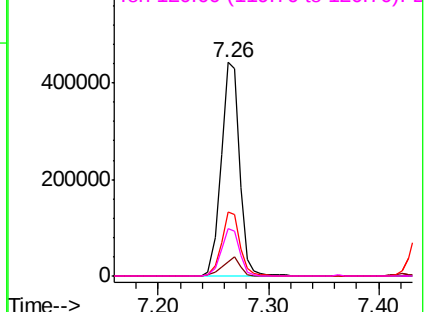
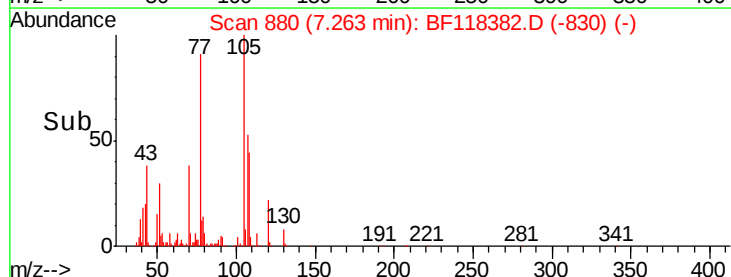
Abundance

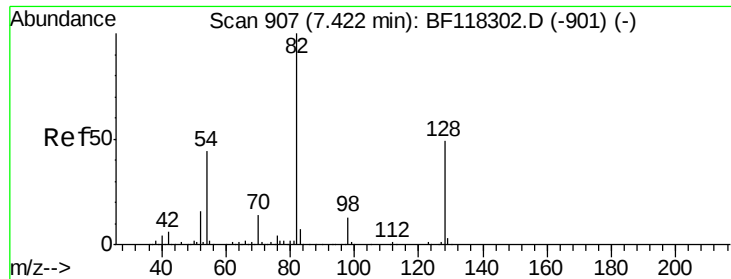
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





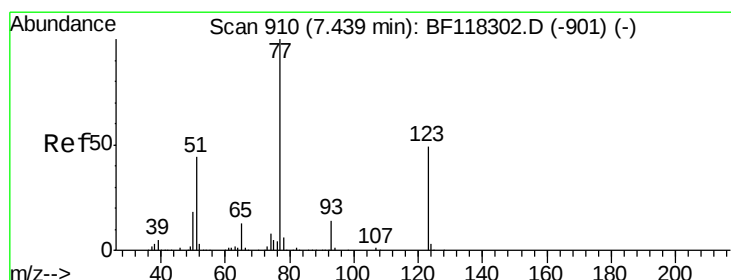
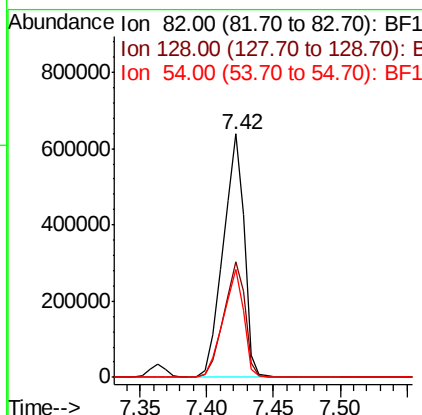
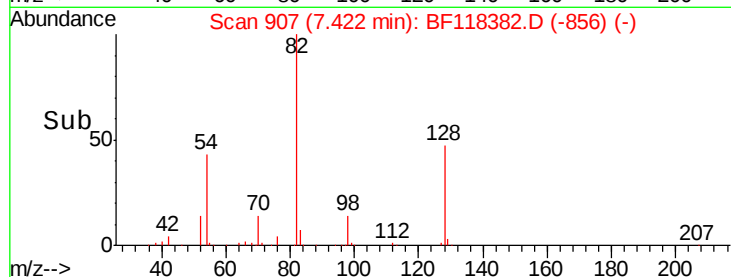
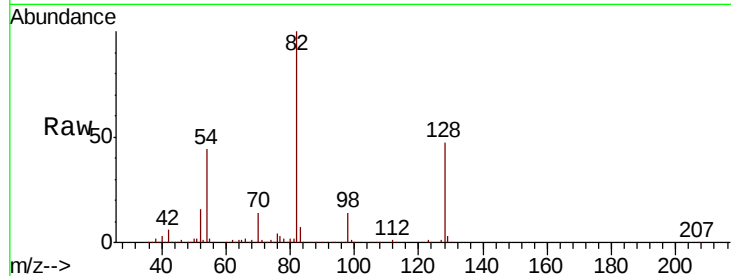
#23  
Nitrobenzene-d5  
Concen: 72.839 ng  
RT: 7.42 min Scan# 907  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 713960 |       |       |
| 128     | 47.3  | 39.6   | 59.4  |       |
| 54      | 44.1  | 34.9   | 52.3  |       |

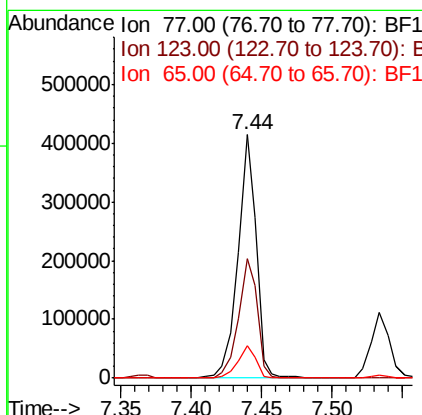
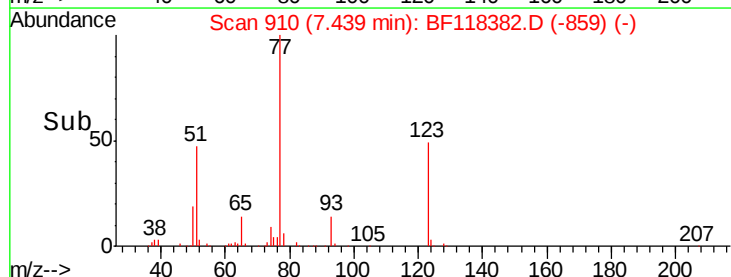
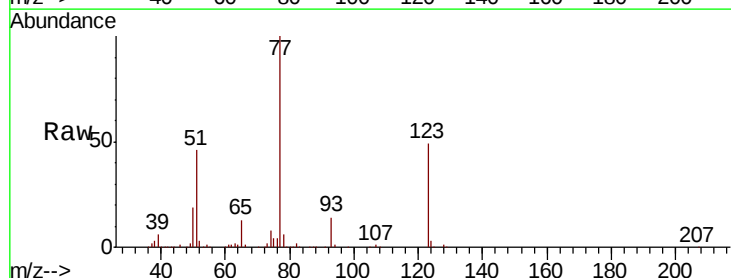
Manual Integrations  
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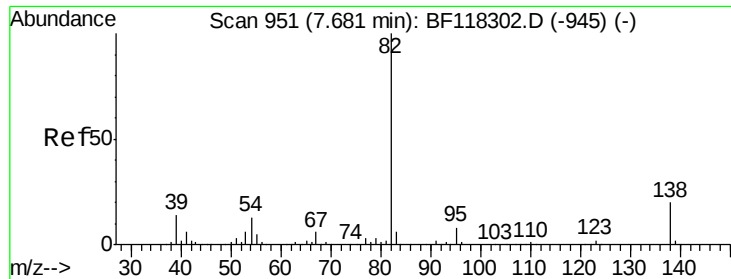
mohammad  
12/31/2019 12:03:57 PM



#24  
Nitrobenzene  
Concen: 37.708 ng  
RT: 7.44 min Scan# 910  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 370245 |       |       |
| 123     | 48.9  | 39.1   | 58.7  |       |
| 65      | 13.3  | 10.6   | 16.0  |       |





#25

Isophorone

Concen: 39.530 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

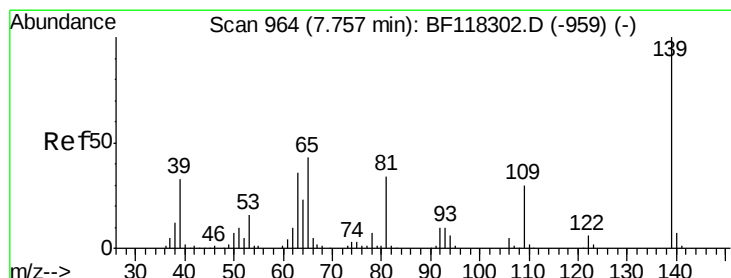
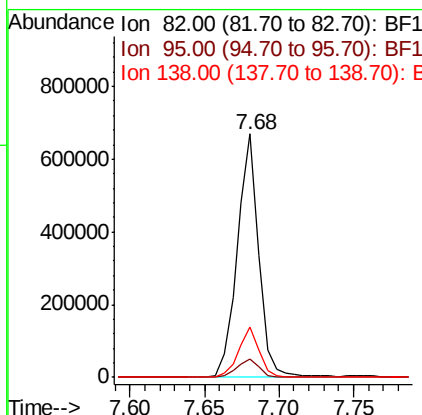
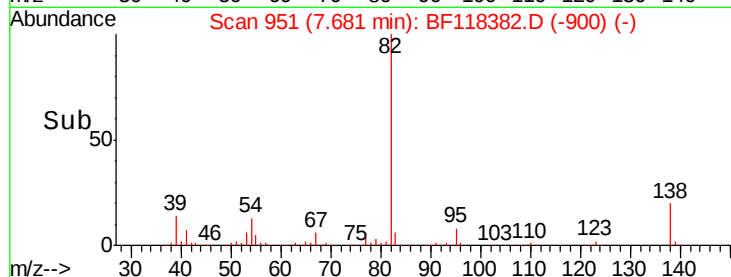
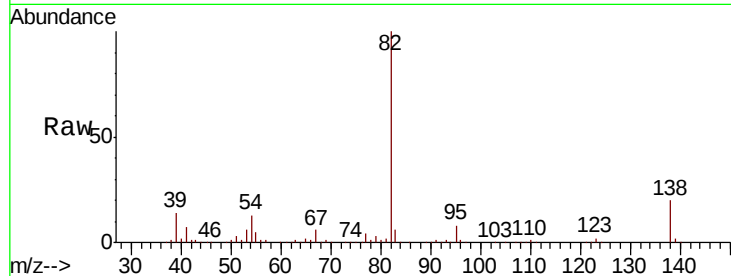
ClientSampleId :

PB125780BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 675272 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.6   | 6.3   | 9.5    |
| 138       | 20.4  | 16.2  | 24.2   |

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#26

2-Nitrophenol

Concen: 39.869 ng

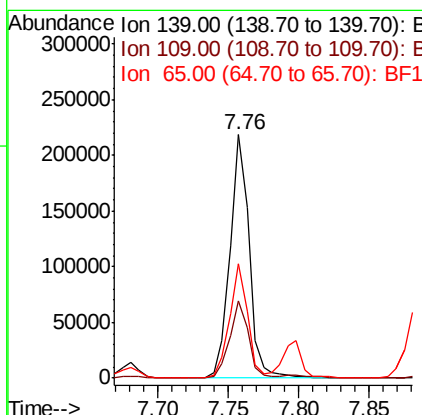
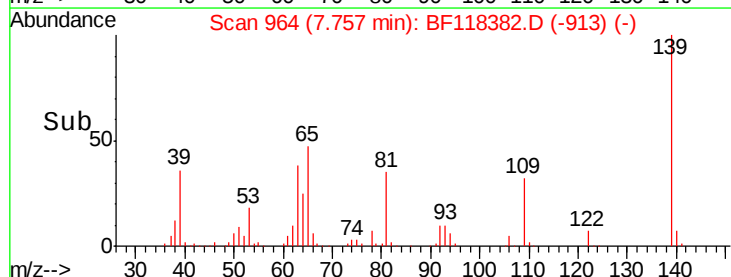
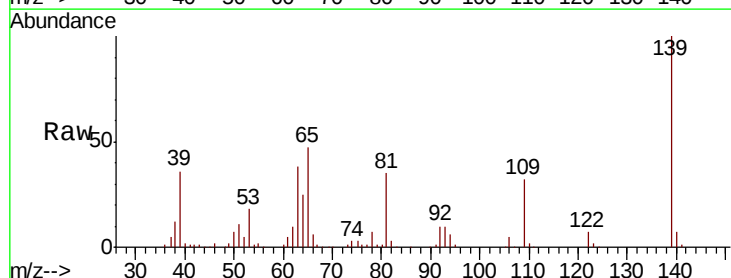
RT: 7.76 min Scan# 964

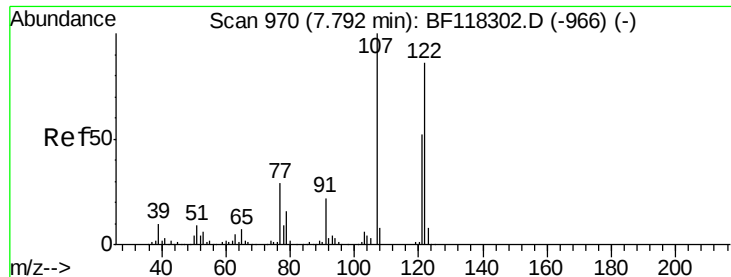
Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 207348 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 31.9  | 24.1  | 36.1   |
| 65        | 46.9  | 34.6  | 52.0   |





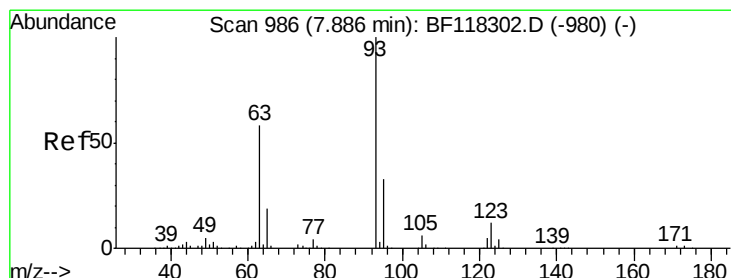
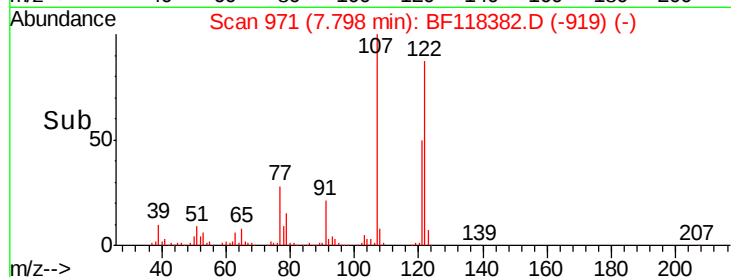
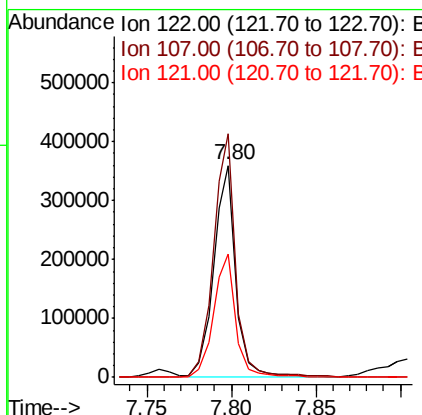
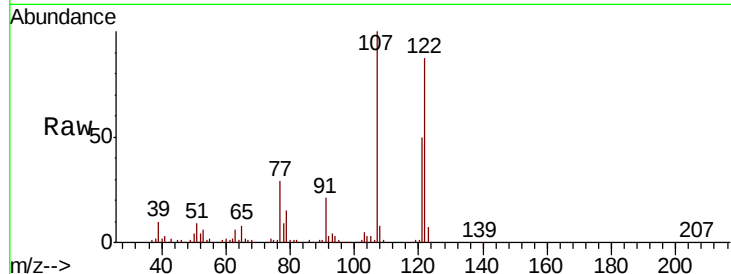
#27  
2,4-Dimethylphenol  
Concen: 46.455 ng  
RT: 7.80 min Scan# 971  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.8 | 92.9  | 139.3 |
| 121     | 57.9  | 47.9  | 71.9  |

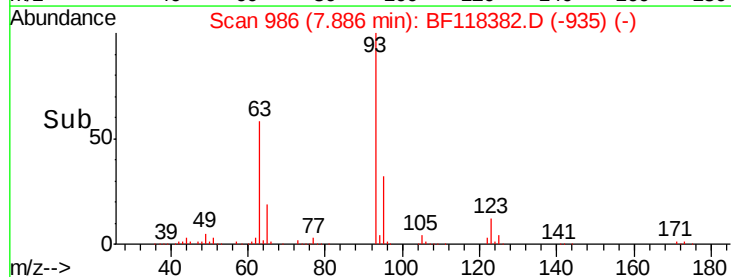
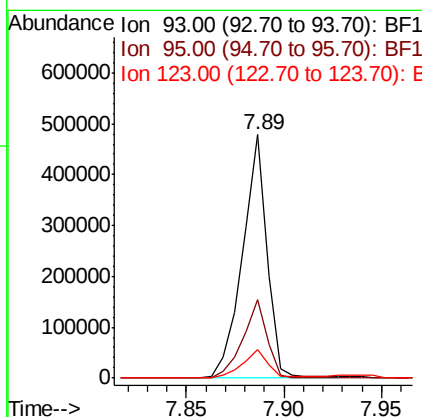
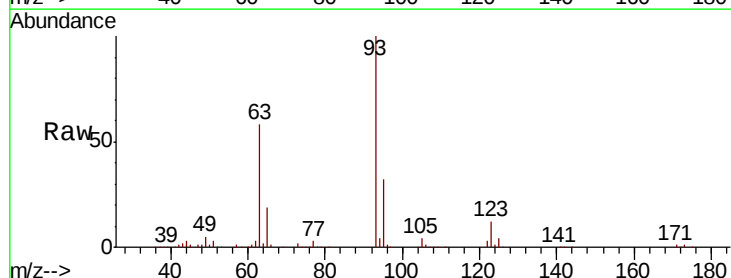
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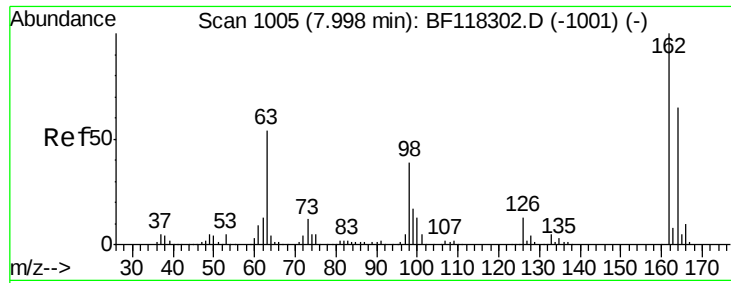
mohammad  
12/31/2019 12:03:57 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.403 ng  
RT: 7.89 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.2  | 39.4  |
| 123     | 11.9  | 9.8   | 14.8  |





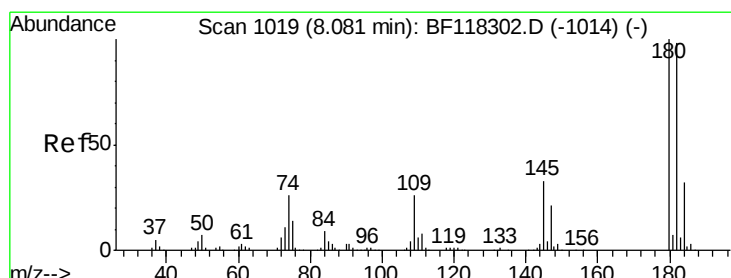
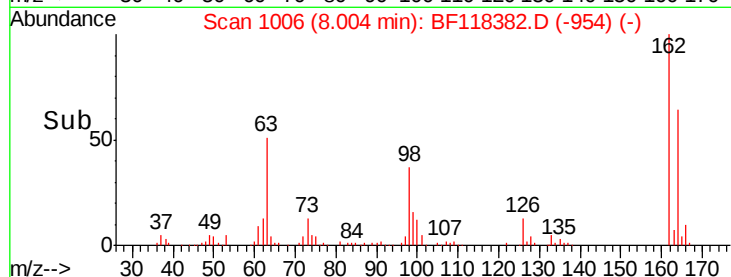
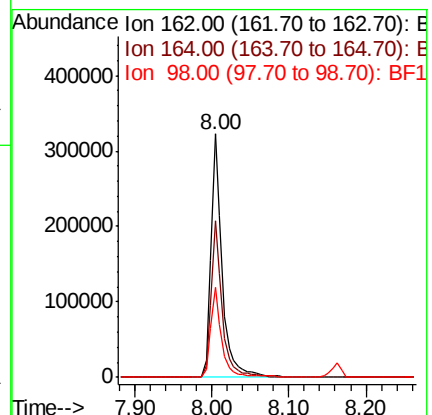
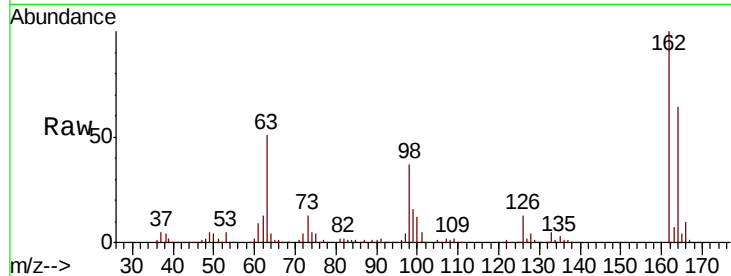
#29  
2,4-Dichlorophenol  
Concen: 39.812 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 325157 |       |       |
| 164     | 64.5  | 45.1   | 85.1  |       |
| 98      | 36.7  | 18.6   | 58.6  |       |

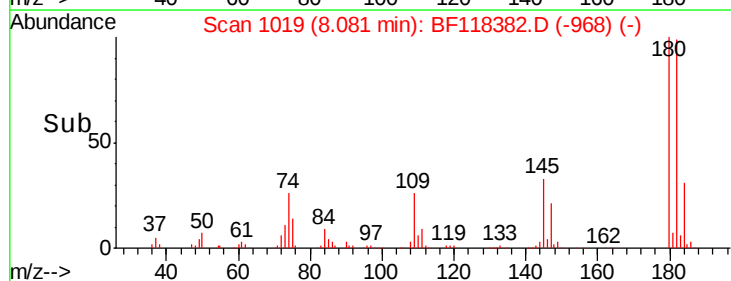
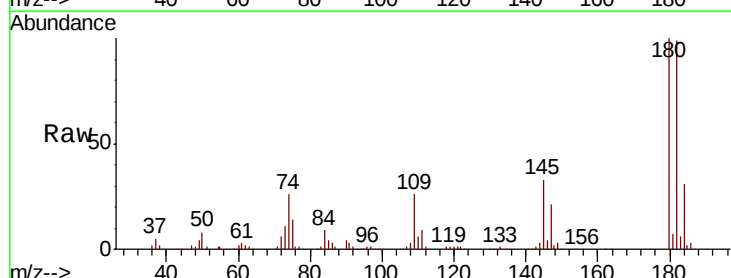
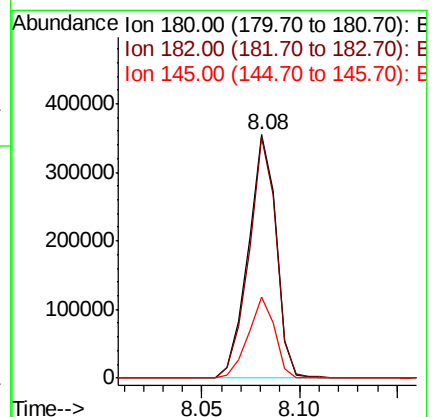
Manual Integrations  
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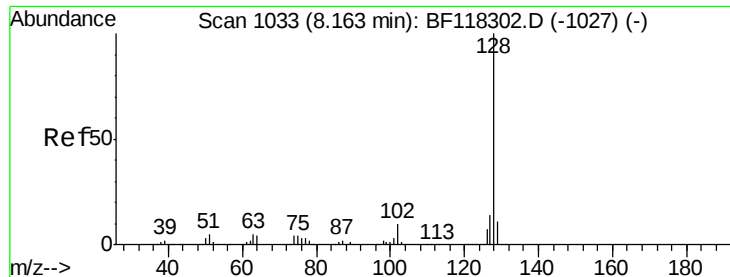
mohammad  
12/31/2019 12:03:57 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 36.975 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 351776 |       |       |
| 182     | 98.8  | 78.3   | 117.5 |       |
| 145     | 33.2  | 26.7   | 40.1  |       |





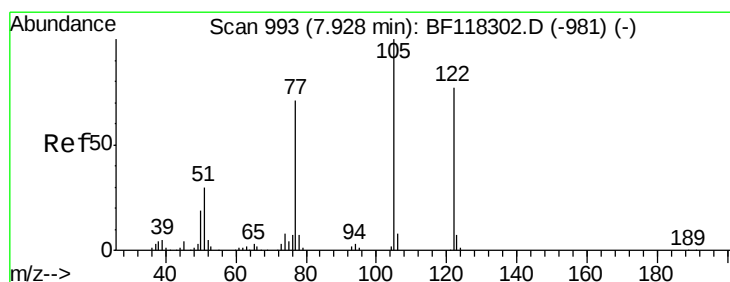
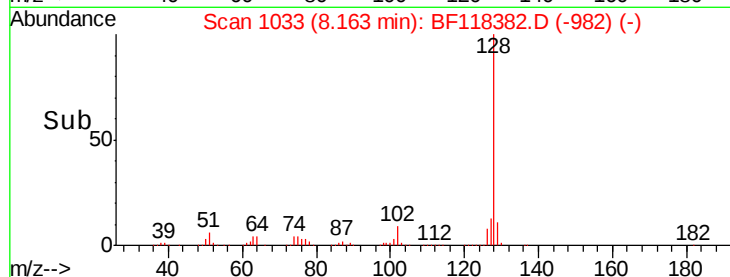
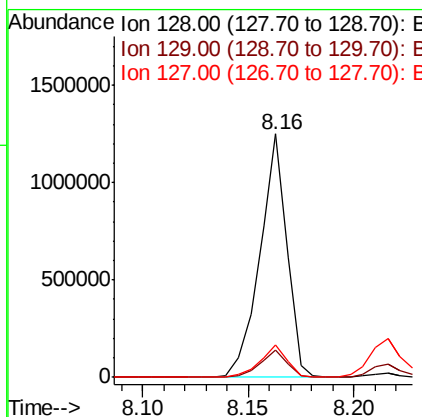
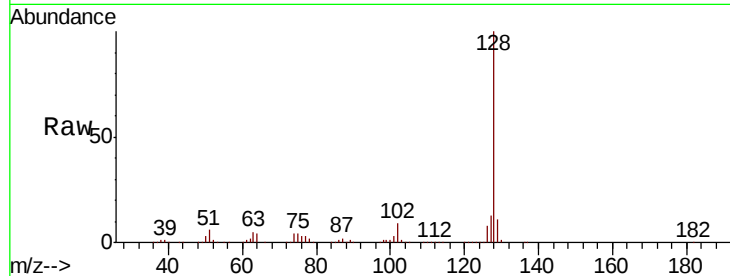
#31  
Naphthalene  
Concen: 39.111 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 9.0   | 13.4  |
| 127     | 13.2  | 11.0  | 16.4  |

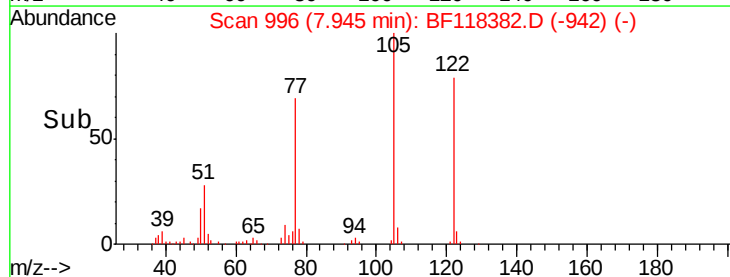
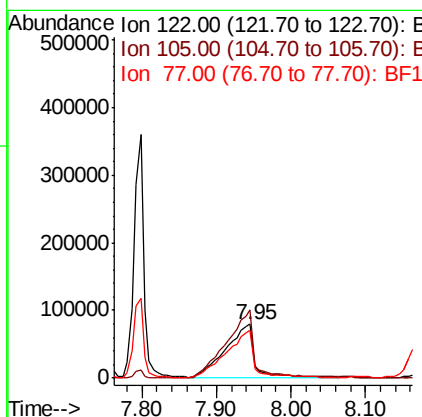
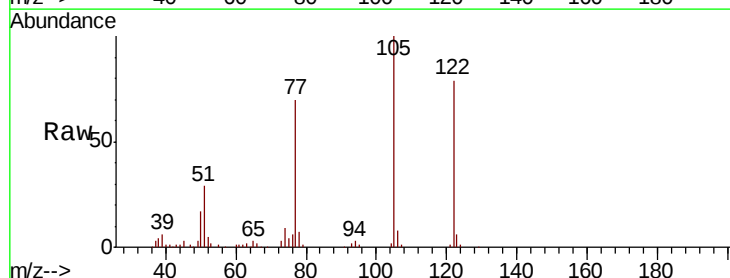
Manual Integrations  
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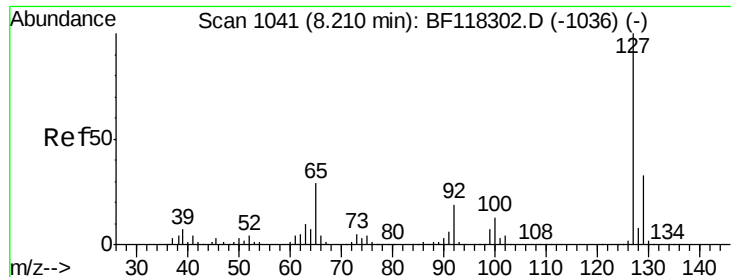
mohammad  
12/31/2019 12:03:57 PM



#32  
Benzoic acid  
Concen: 36.360 ng  
RT: 7.95 min Scan# 996  
Delta R.T. 0.02 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 126.3 | 106.8 | 146.8 |
| 77      | 87.9  | 70.4  | 110.4 |





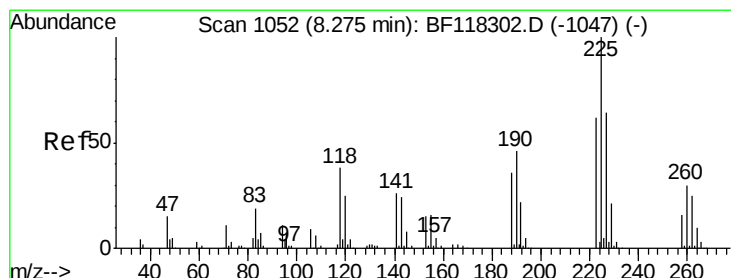
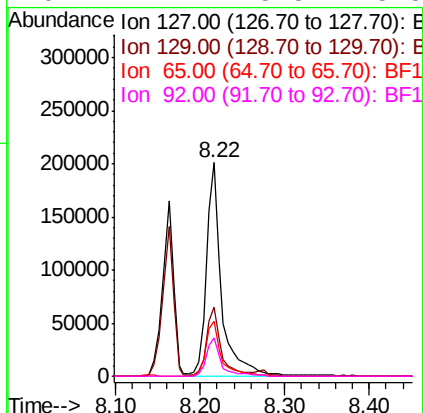
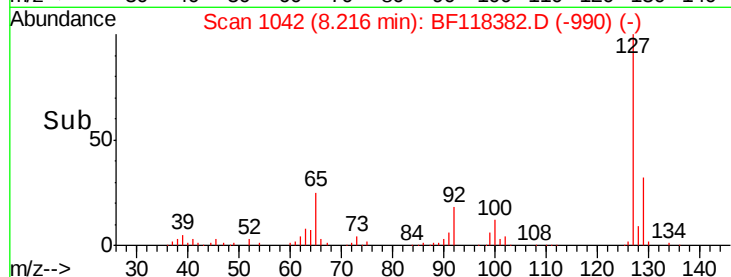
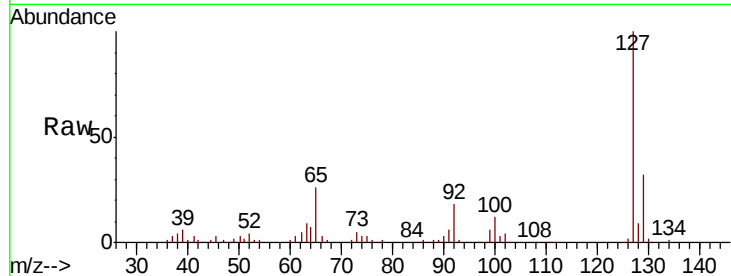
#33  
4-Chloroaniline  
Concen: 20.308 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.4 | 26.5  | 39.7 |       |       |
| 65      | 26.0 | 22.8  | 34.2 |       |       |
| 92      | 17.7 | 15.5  | 23.3 |       |       |

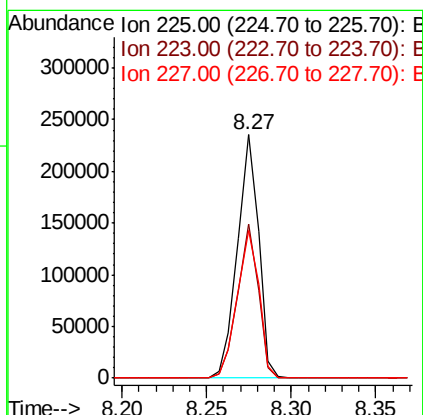
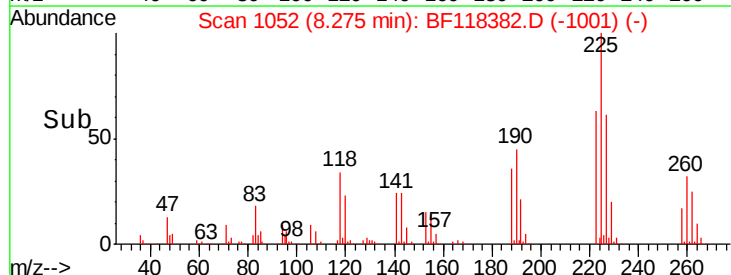
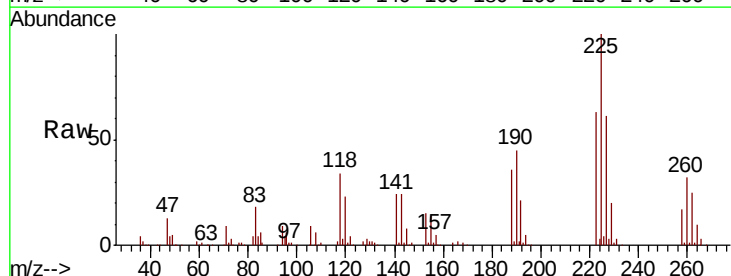
Manual Integrations  
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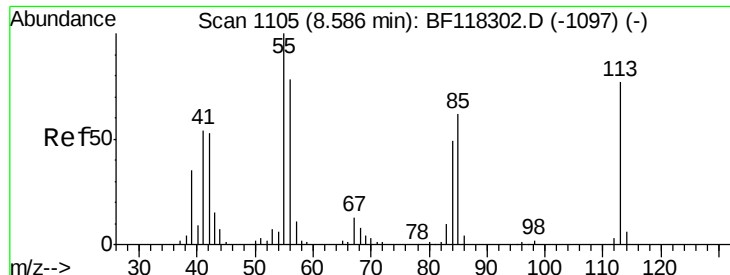
mohammad  
12/31/2019 12:03:57 PM



#34  
Hexachlorobutadiene  
Concen: 36.282 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.2 | 49.5  | 74.3 |       |       |
| 227     | 60.7 | 51.0  | 76.4 |       |       |





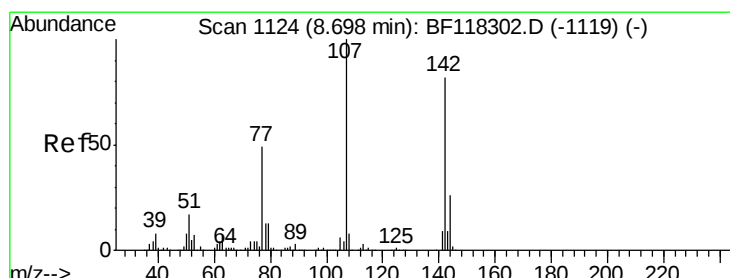
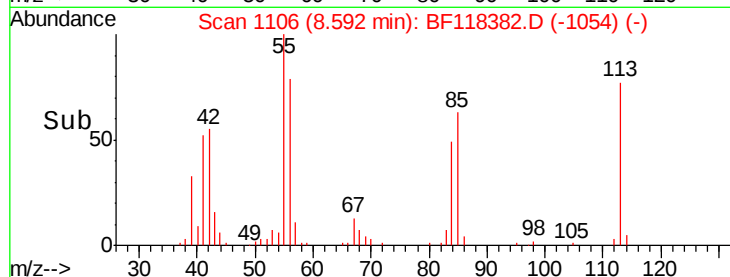
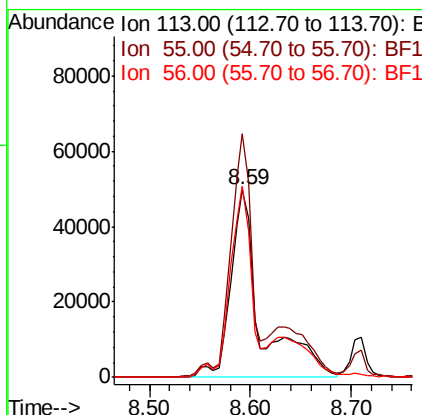
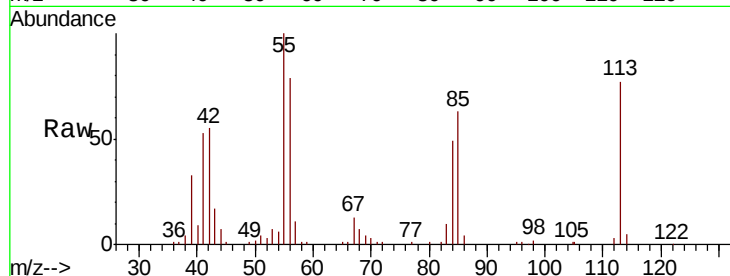
#35  
Caprolactam  
Concen: 40.263 ng/ml  
RT: 8.59 min Scan# 1106  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 129.6 | 109.8 | 149.8 |
| 56      | 102.1 | 81.7  | 121.7 |

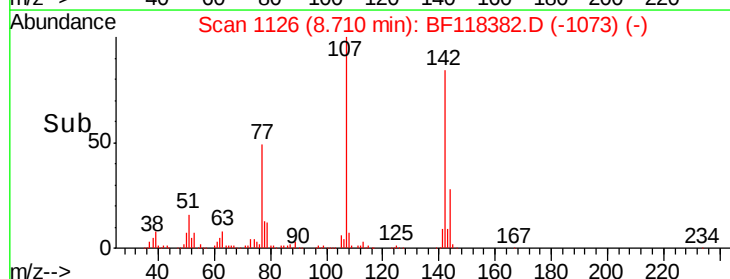
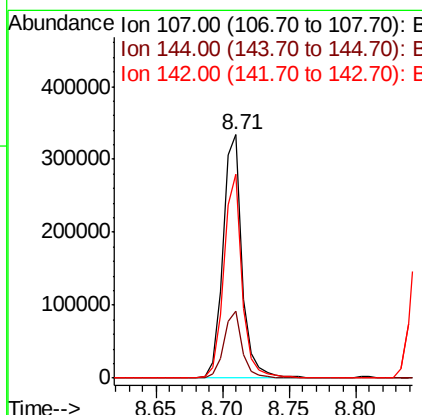
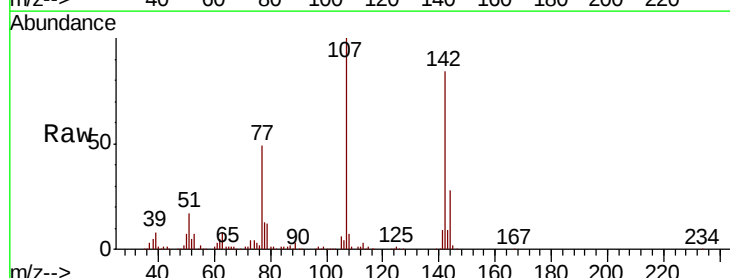
Manual Integrations  
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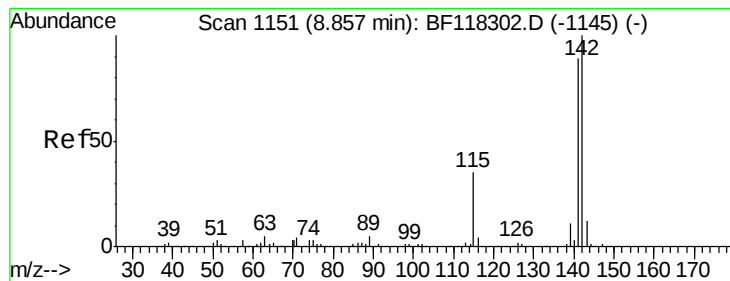
mohammad  
12/31/2019 12:03:57 PM



#36  
4-Chloro-3-methylphenol  
Concen: 38.673 ng/ml  
RT: 8.71 min Scan# 1126  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.5  | 21.2  | 31.8  |
| 142     | 83.7  | 65.4  | 98.2  |





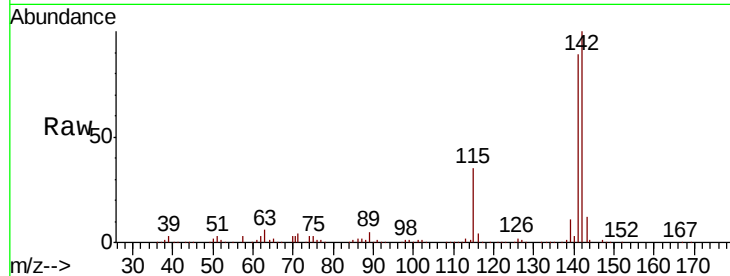
#37  
2-Methylnaphthalene  
Concen: 39.279 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 71.2  | 106.8 |
| 115     | 35.4  | 28.0  | 42.0  |

Manual Integrations  
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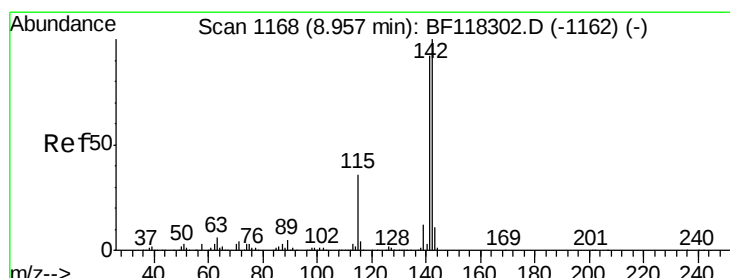
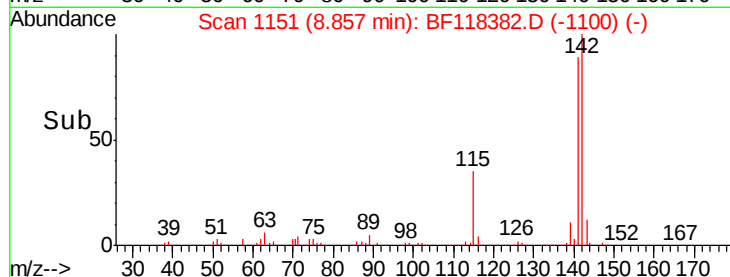
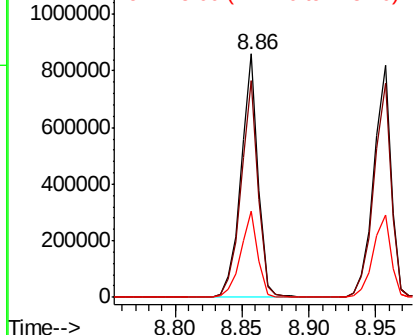


Abundance

Ion 142.00 (141.70 to 142.70): E

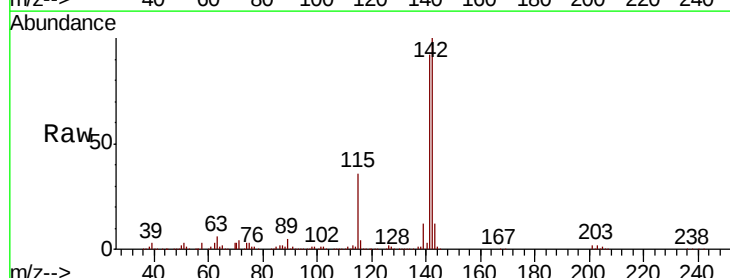
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 39.331 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 73.4  | 110.2 |
| 116     | 3.6   | 2.9   | 4.3   |

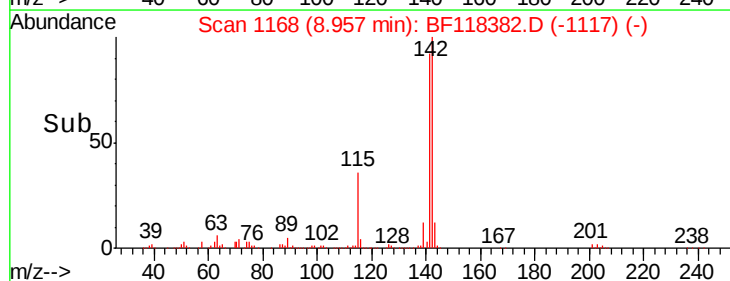
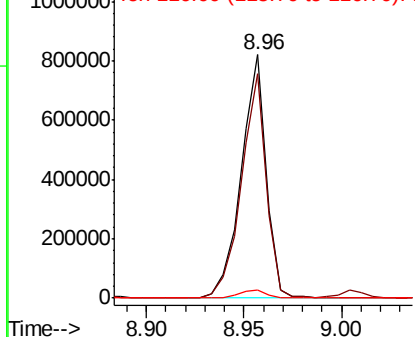


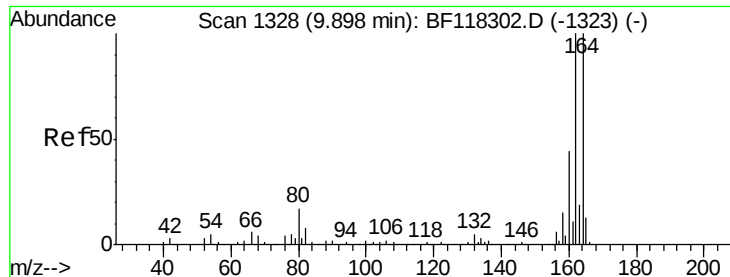
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





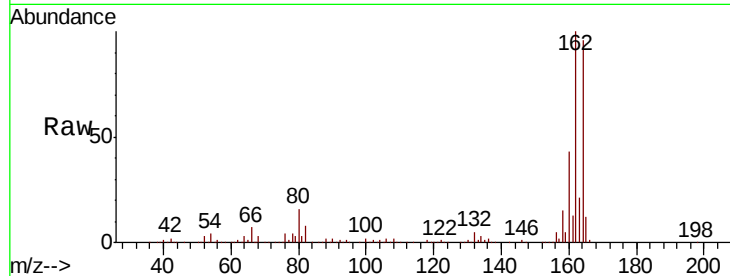
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.90 min Scan# 1329  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB125780BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 103.8 | 80.0 | 120.0 |       |
| 160     | 44.5  | 34.8 | 52.2  |       |

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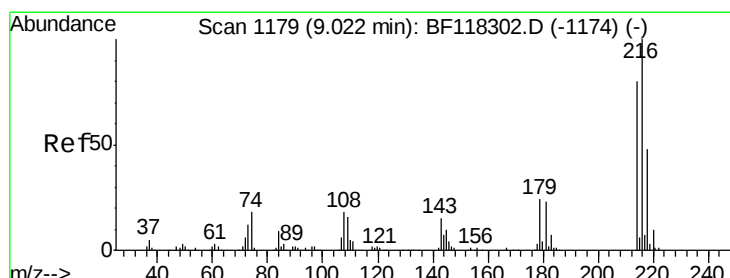
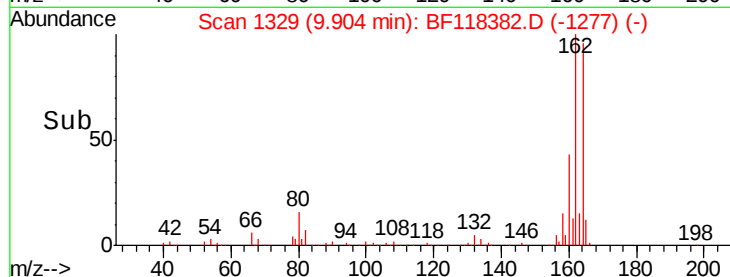
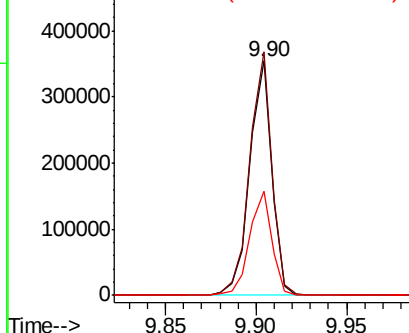


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.052 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.0  | 63.3 | 94.9  |       |
| 179     | 23.5  | 18.9 | 28.3  |       |
| 108     | 19.4  | 15.0 | 22.6  |       |

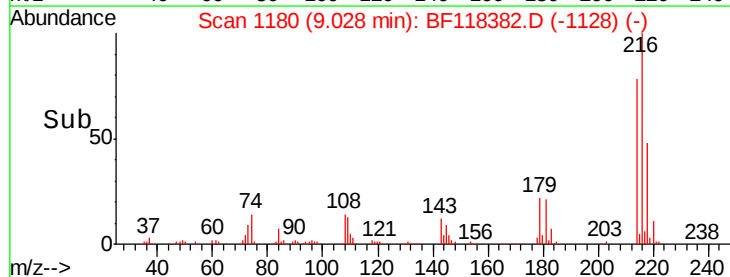
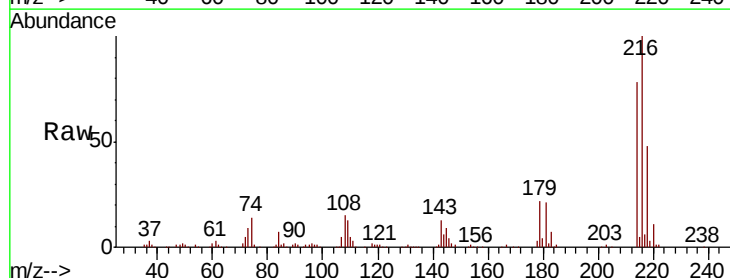
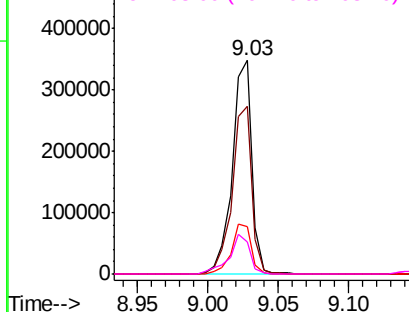
Abundance

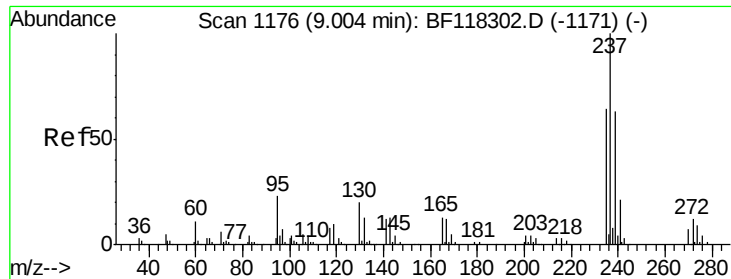
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.639 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

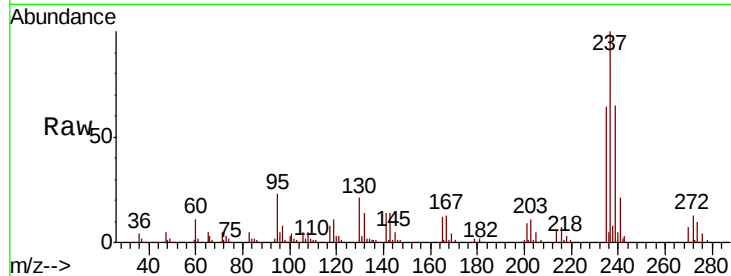
ClientSampleId :

PB125780BS

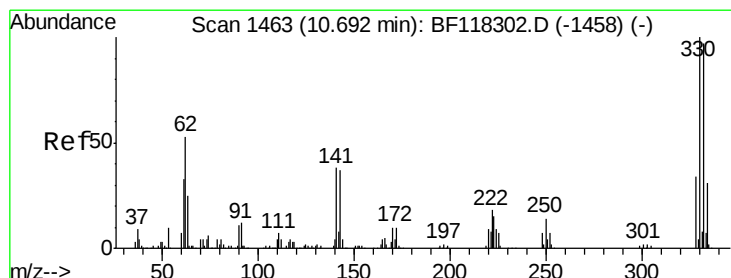
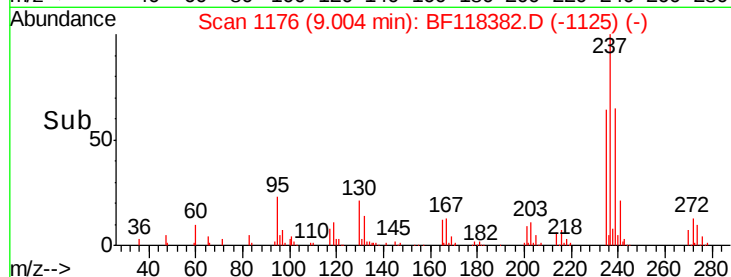
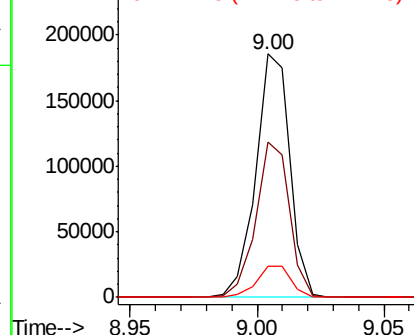
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 173845 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.5  | 43.8  | 83.8   |
| 272       | 13.0  | 0.0   | 31.7   |

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



#42

2,4,6-Tribromophenol

Concen: 103.334 ng

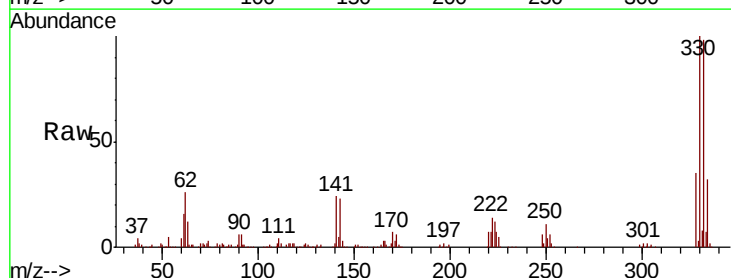
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

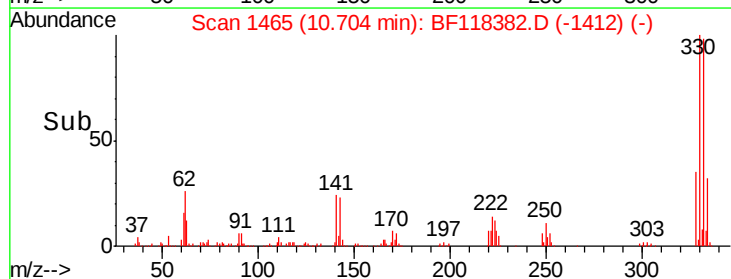
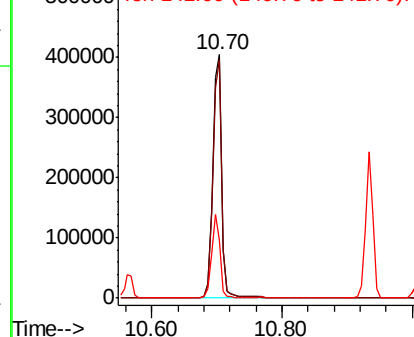
Lab File: BF118382.D

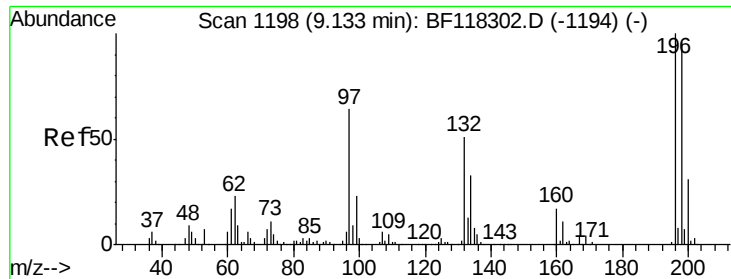
Acq: 30 Dec 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 383066 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.4  | 76.6  | 114.8  |
| 141       | 32.4  | 26.0  | 39.0   |



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





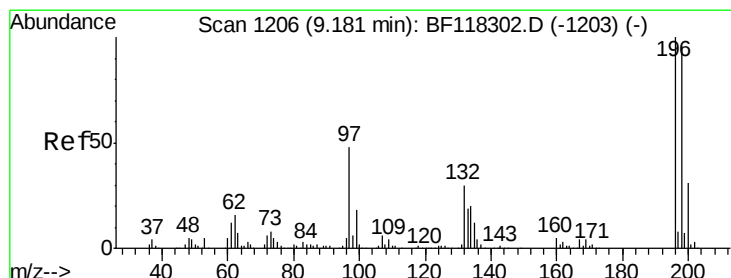
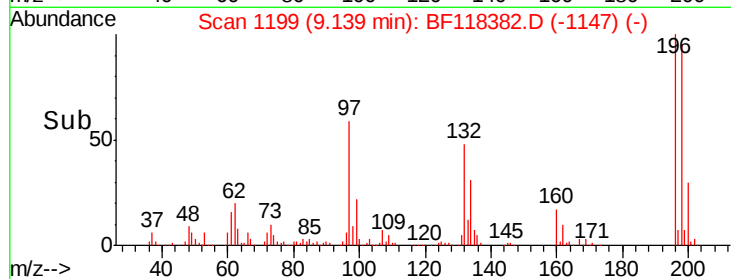
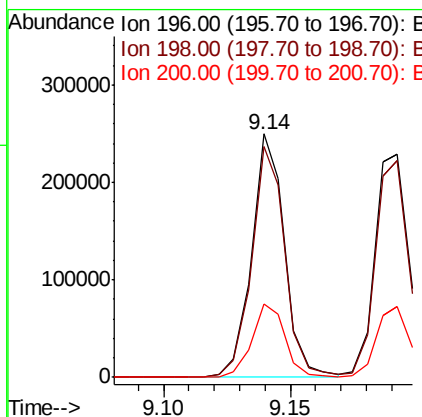
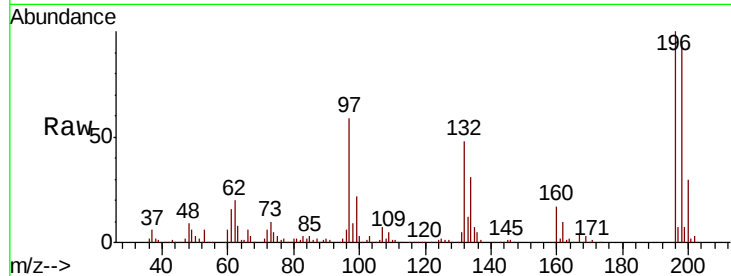
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.398 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB125780BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 225344 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.7  | 76.7  | 115.1  |
| 200       | 30.2  | 24.8  | 37.2   |

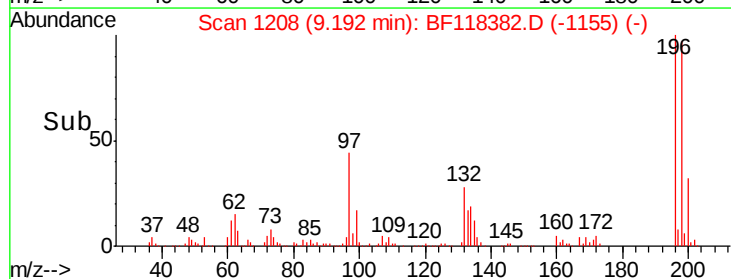
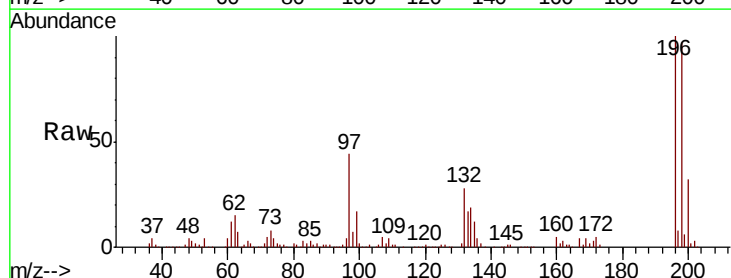
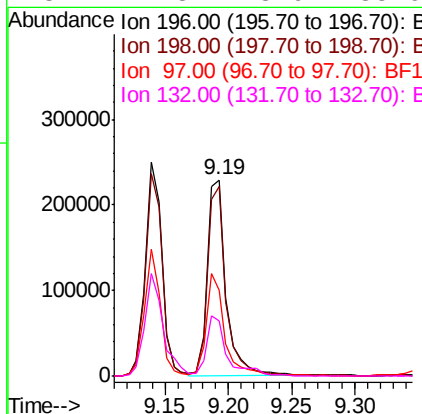
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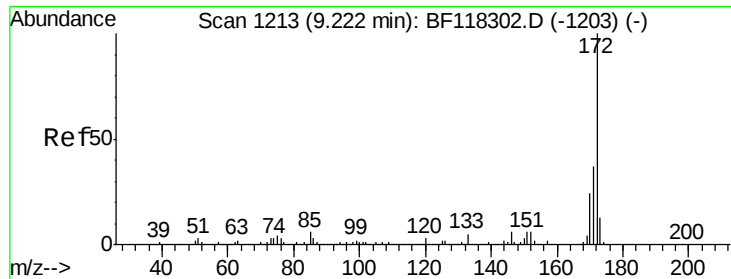
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#44  
 2,4,5-Trichlorophenol  
 Concen: 38.400 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 238019 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.7  | 77.0  | 115.4  |
| 97        | 43.9  | 38.9  | 58.3   |
| 132       | 27.8  | 23.9  | 35.9   |





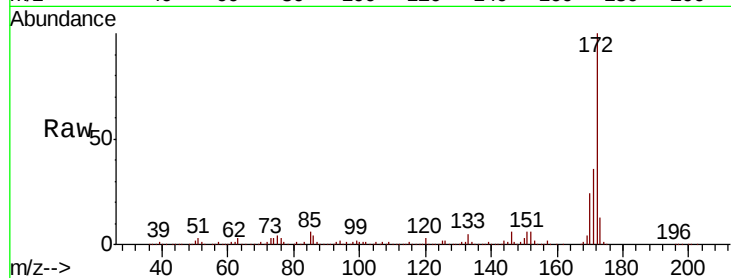
#45  
2-Fluorobiphenyl  
Concen: 74.902 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.9  | 29.3  | 43.9  |
| 170     | 23.9  | 19.2  | 28.8  |

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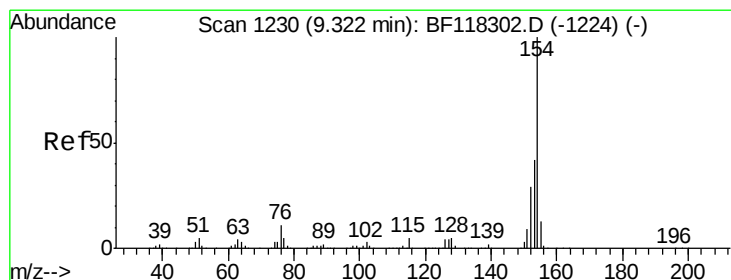
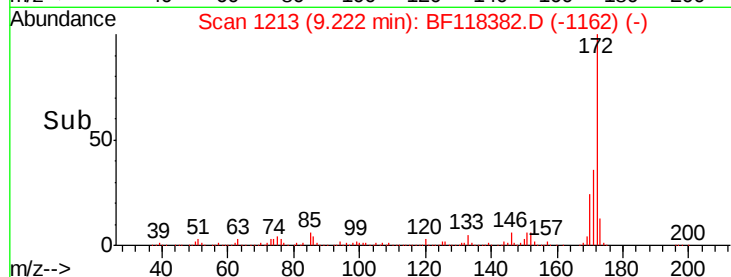
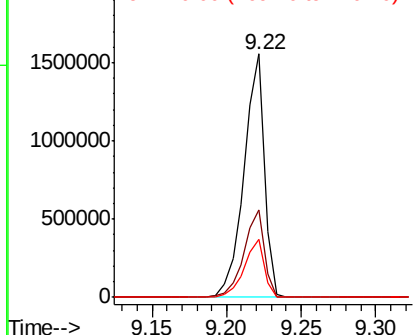


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 38.303 ng  
RT: 9.32 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

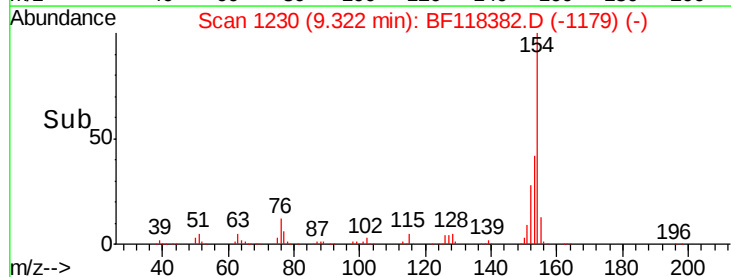
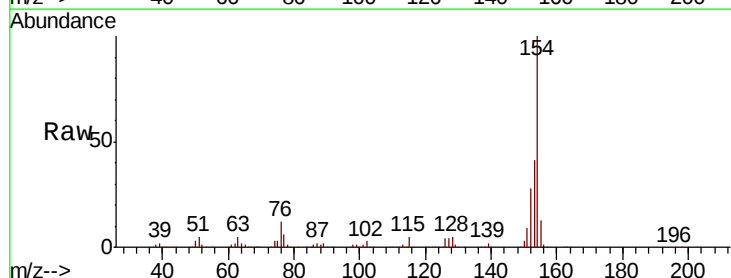
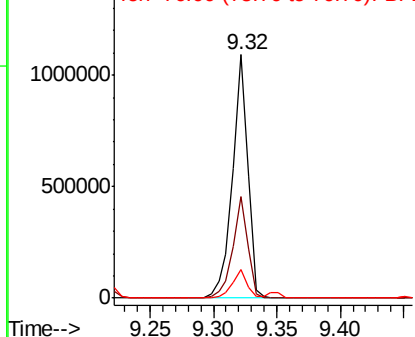
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.5  | 21.8  | 61.8  |
| 76      | 11.7  | 0.0   | 30.9  |

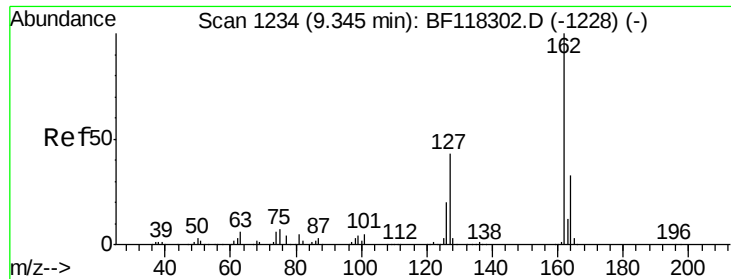
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





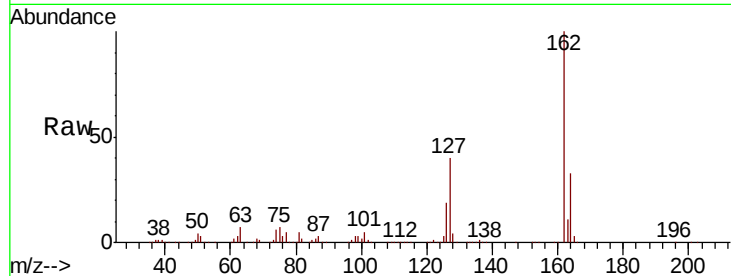
#47  
 2-Chloronaphthalene  
 Concen: 36.926 ng  
 RT: 9.35 min Scan# 1235  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB125780BS

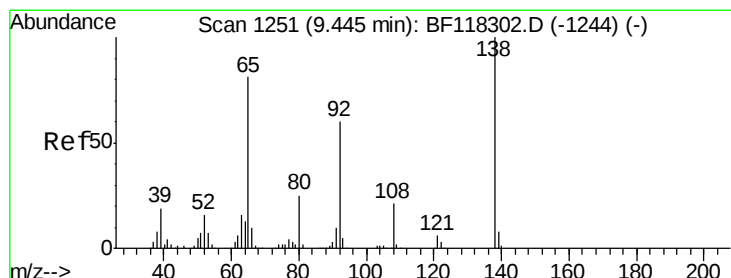
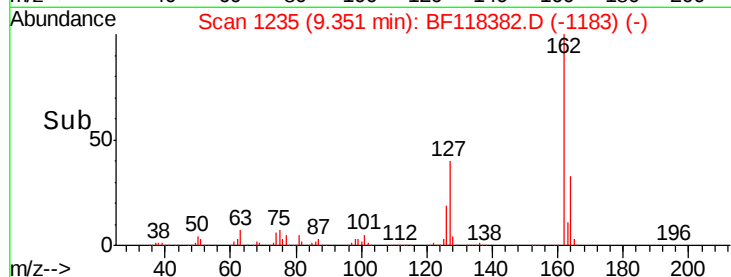
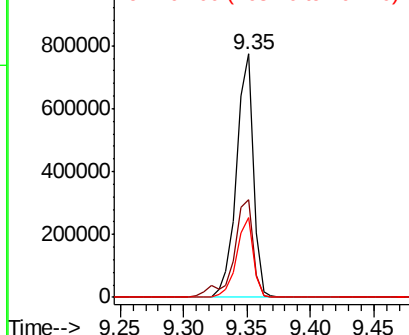
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 705632 |       |       |
| 127     | 40.4  |        | 35.0  | 52.4  |
| 164     | 32.9  |        | 26.6  | 40.0  |

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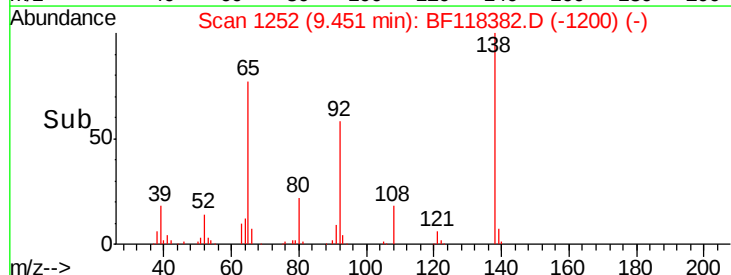
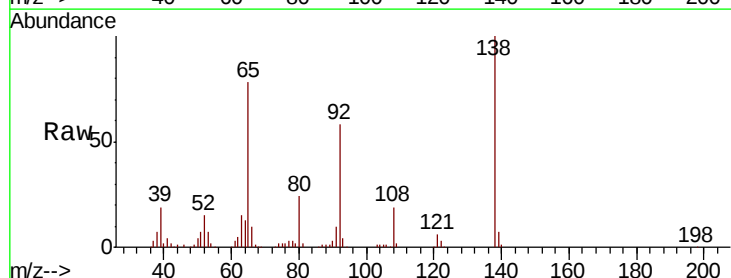
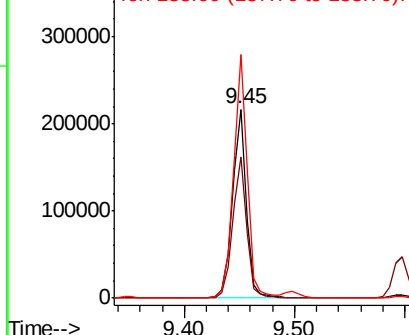
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

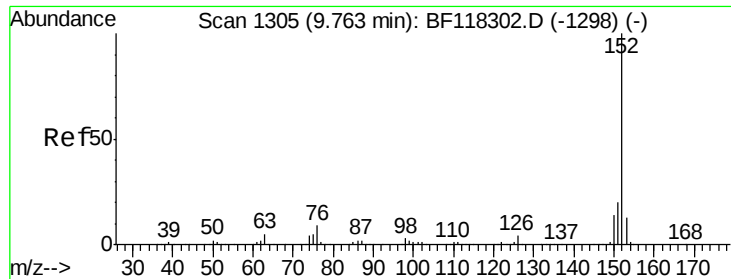


#48  
 2-Nitroaniline  
 Concen: 35.632 ng  
 RT: 9.45 min Scan# 1252  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 192325 |       |       |
| 92      | 74.8  |        | 58.7  | 88.1  |
| 138     | 128.8 |        | 98.5  | 147.7 |

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





#49

Acenaphthylene

Concen: 39.492 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

ClientSampleId :

PB125780BS

Tot Ion:152 Resp: 1119230

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

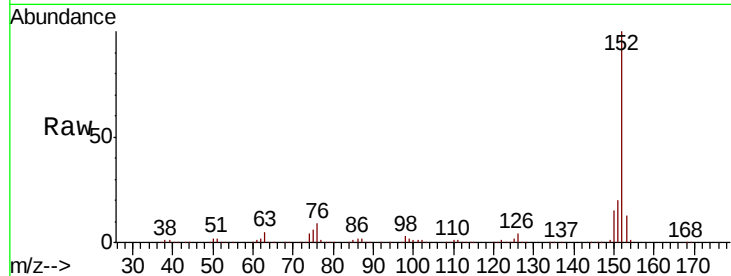
153 13.4 10.5 15.7

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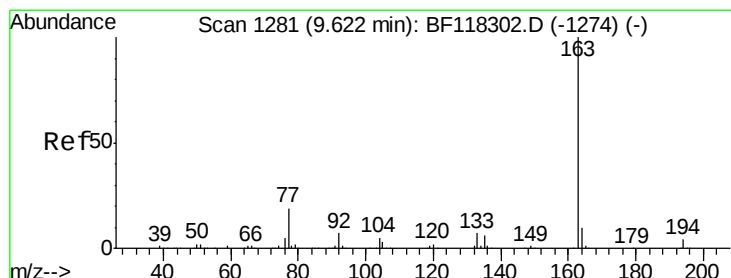
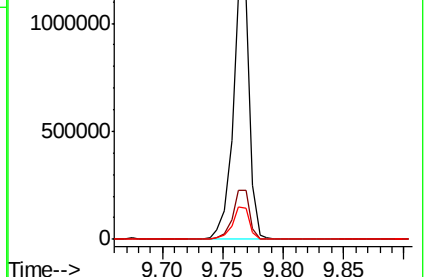
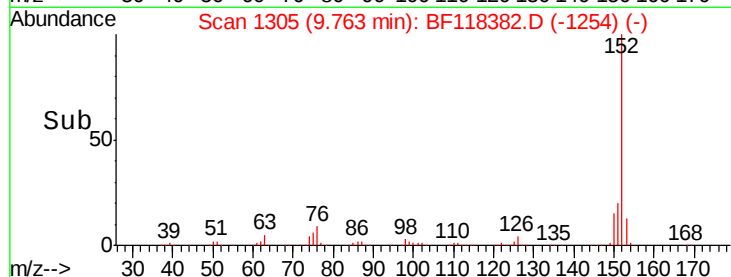
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.250 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

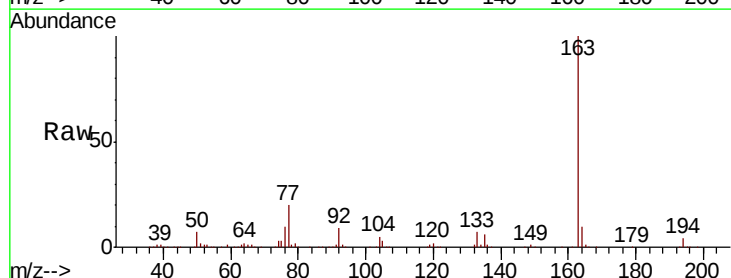
Tgt Ion:163 Resp: 839366

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

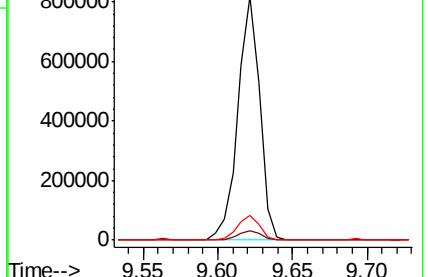
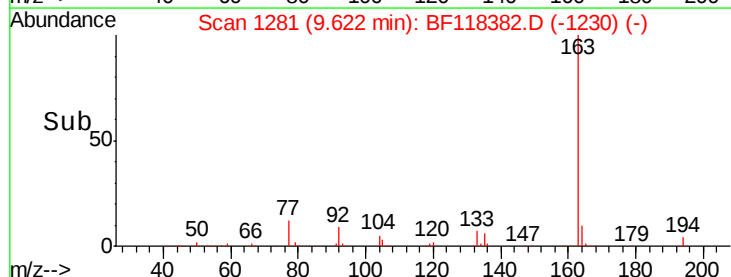
164 10.1 7.9 11.9

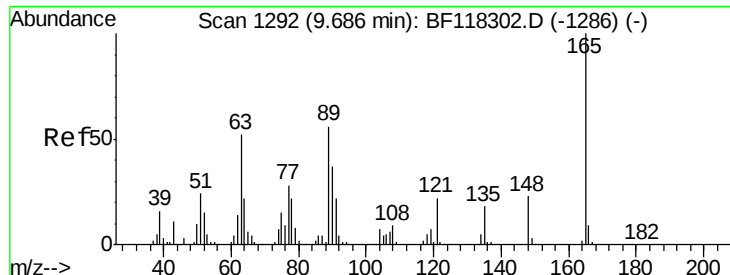


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





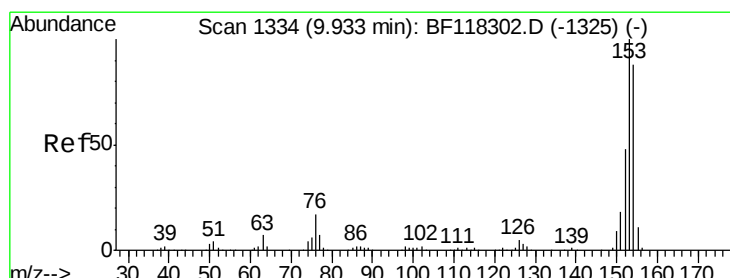
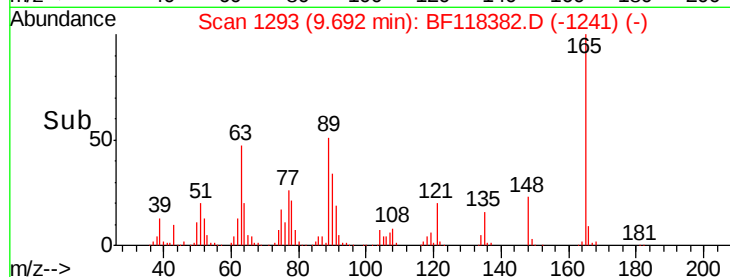
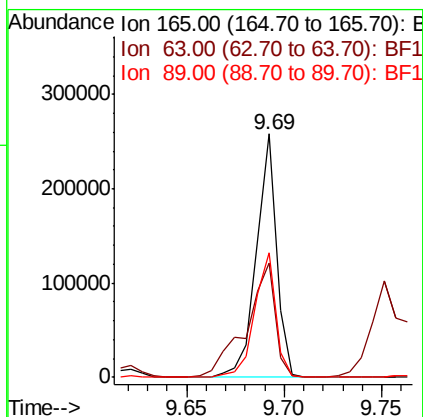
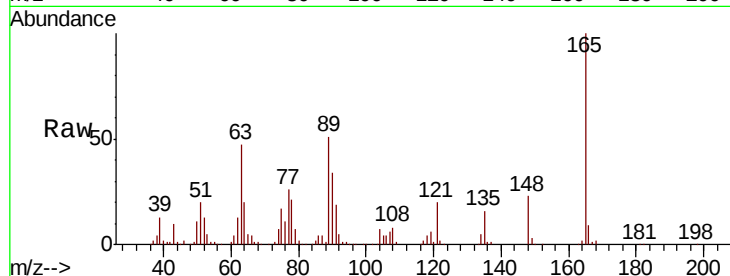
#51  
 2,6-Dinitrotoluene  
 Concen: 38.395 ng  
 RT: 9.69 min Scan# 1293  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB125780BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 186524 |       |       |
| 63      | 46.7 | 42.2  | 63.4   |       |       |
| 89      | 51.2 | 44.4  | 66.6   |       |       |

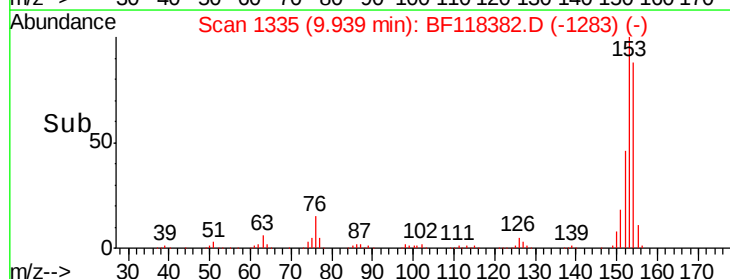
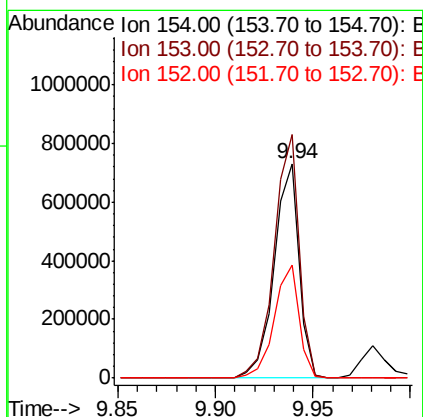
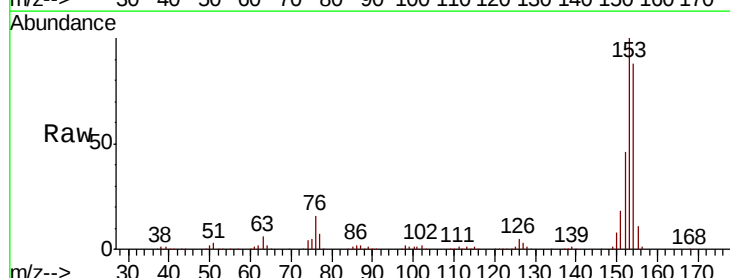
Manual Integrations  
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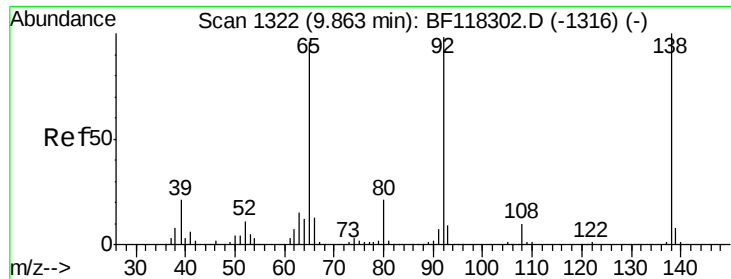
mohammad  
 12/31/2019 12:03:57 PM



#52  
 Acenaphthene  
 Concen: 37.557 ng  
 RT: 9.94 min Scan# 1335  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 154     | 100   |       | 648344 |       |       |
| 153     | 113.6 | 90.6  | 136.0  |       |       |
| 152     | 52.6  | 43.1  | 64.7   |       |       |





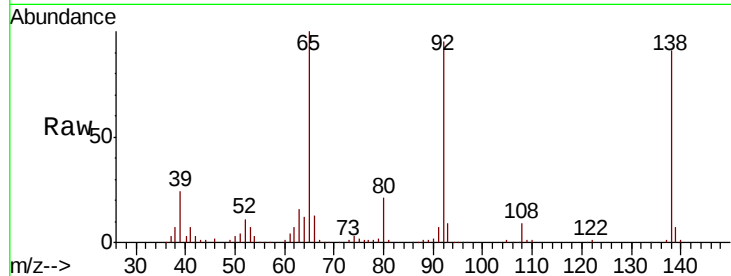
#53  
3-Nitroaniline  
Concen: 24.385 ng  
RT: 9.86 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.1  | 7.8   | 11.8  |
| 92      | 104.8 | 78.2  | 117.2 |

Manual Integrations  
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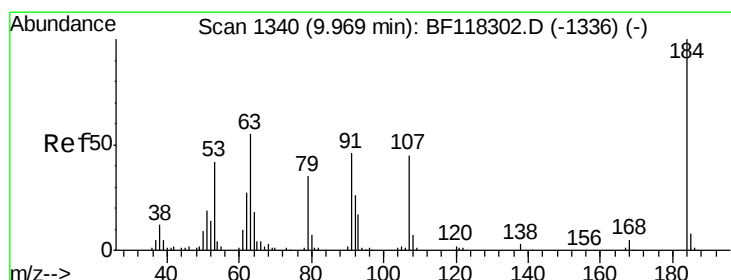
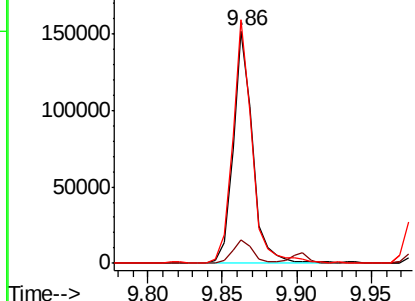
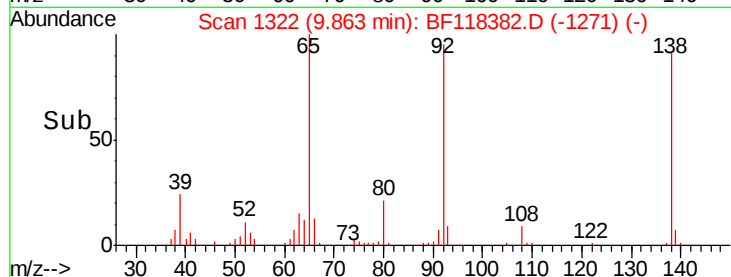


Abundance

Ion 138.00 (137.70 to 138.70): E

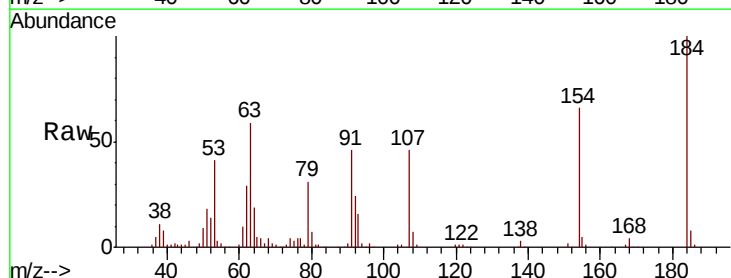
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 68.722 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 59.5  | 48.8  | 73.2  |
| 154     | 65.8  | 55.0  | 82.4  |

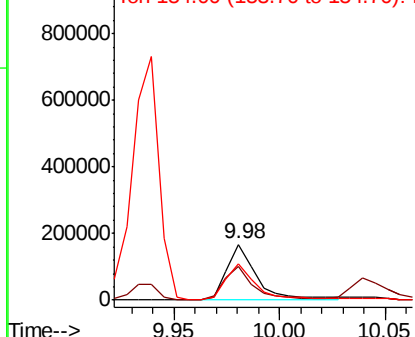
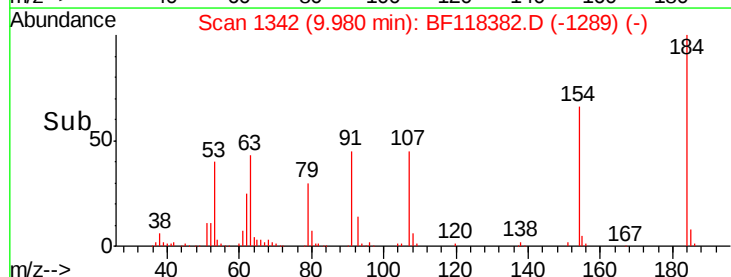


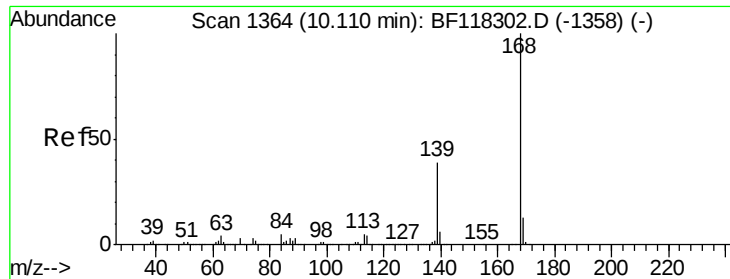
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





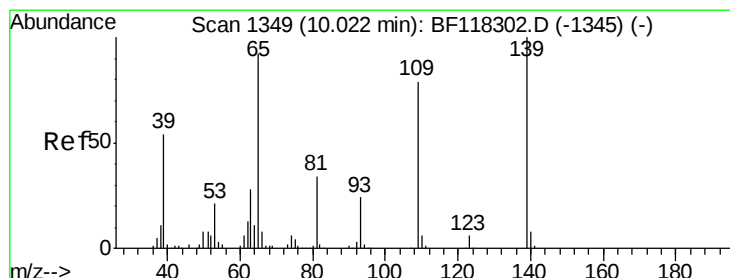
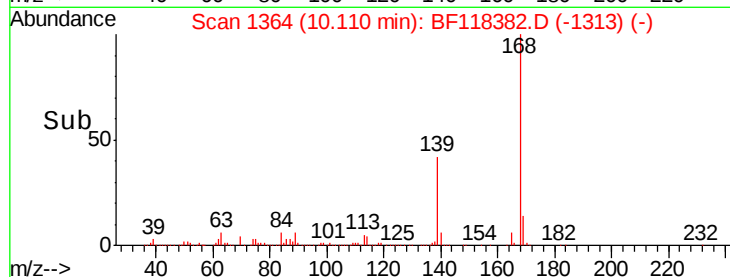
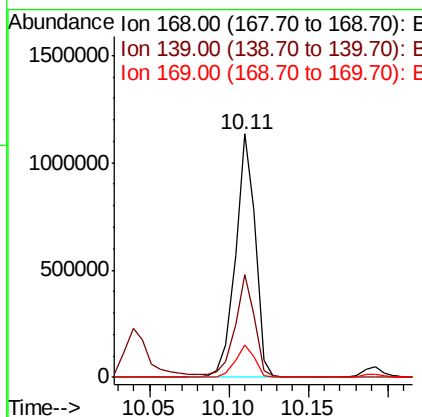
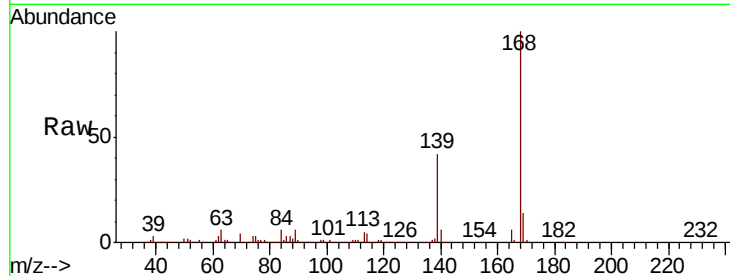
#55  
Dibenzofuran  
Concen: 38.397 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 42.3  | 31.5  | 47.3  |
| 169     | 13.5  | 10.4  | 15.6  |

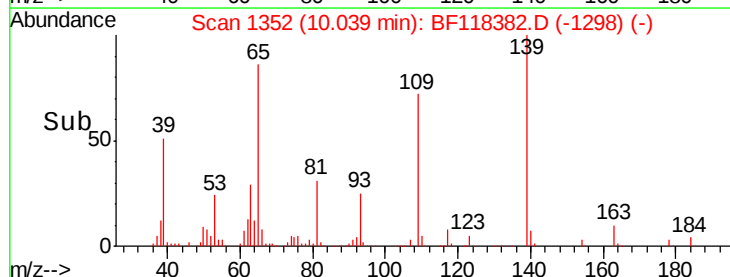
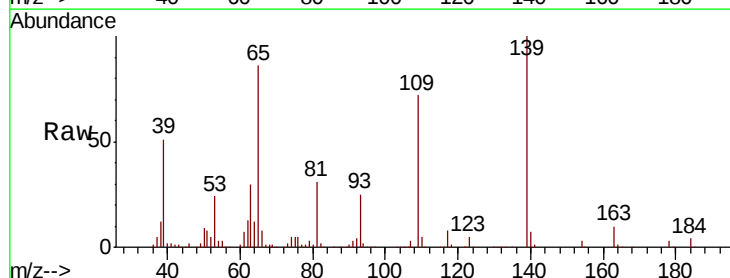
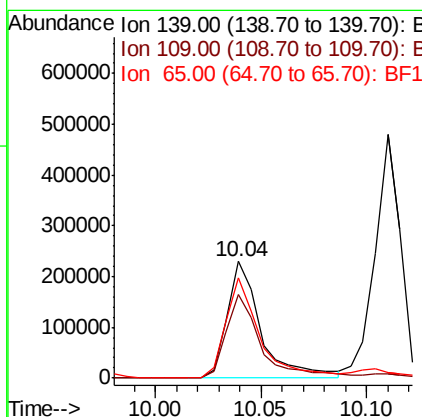
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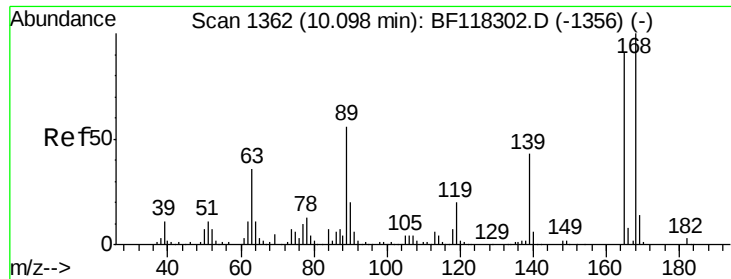
mohammad  
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#56  
4-Nitrophenol  
Concen: 71.819 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.02 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 72.3  | 59.3  | 99.3  |
| 65      | 85.6  | 72.4  | 112.4 |





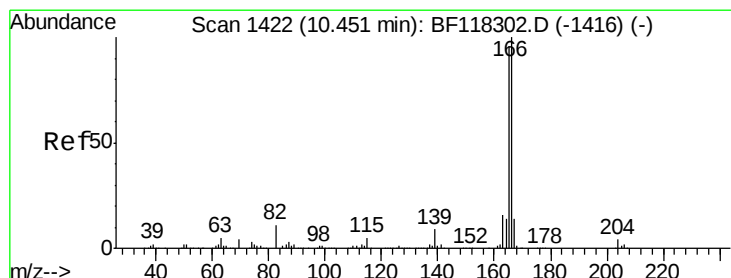
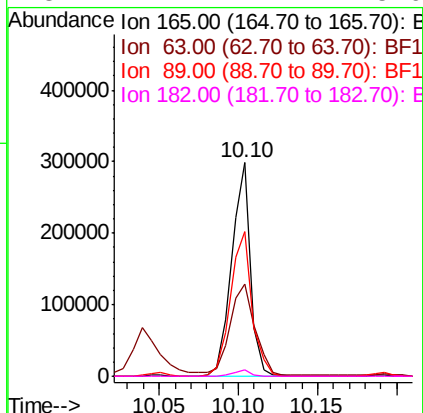
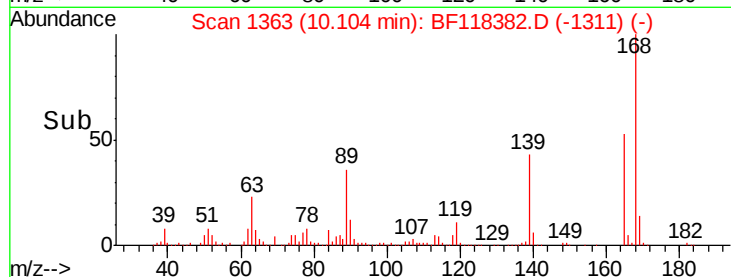
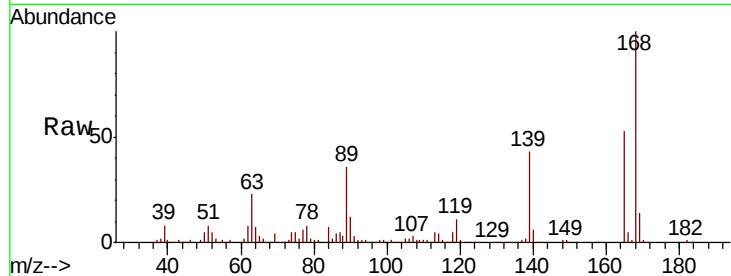
#57  
2,4-Dinitrotoluene  
Concen: 37.880 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 43.4  | 32.0       | 48.0       |
| 89      | 67.5  | 49.3       | 73.9       |
| 182     | 2.7   | 2.4        | 3.6        |

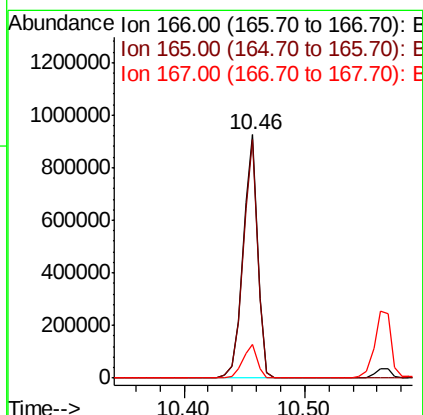
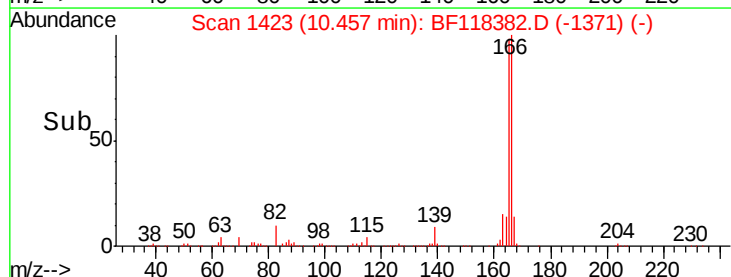
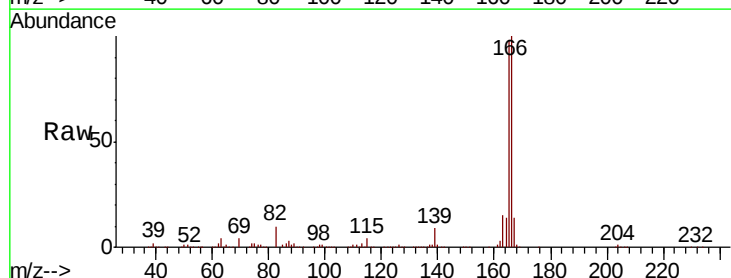
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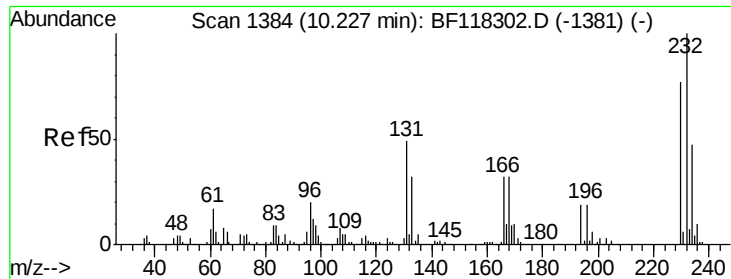
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#58  
Fluorene  
Concen: 37.824 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 166     | 100   |            |            |
| 165     | 98.0  | 77.0       | 115.4      |
| 167     | 13.6  | 10.9       | 16.3       |





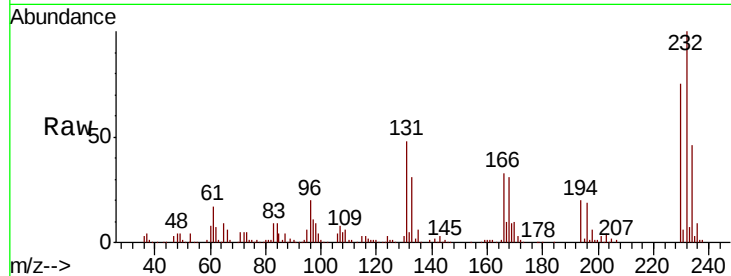
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.256 ng  
 RT: 10.23 min Scan# 1385  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.0  | 37.7  | 56.5  |
| 130     | 2.5   | 2.0   | 3.0   |
| 166     | 29.7  | 24.7  | 37.1  |

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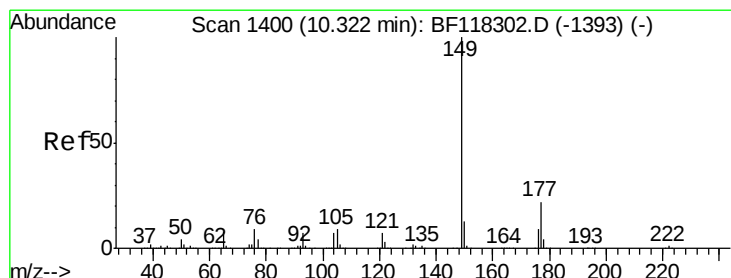
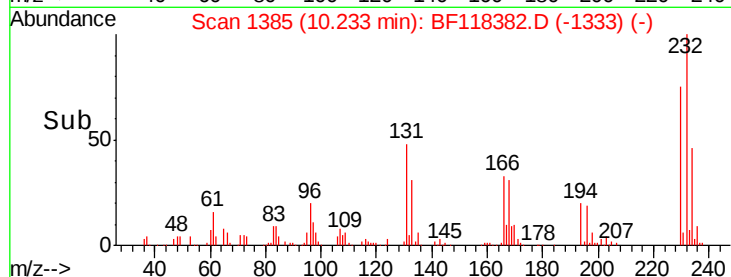
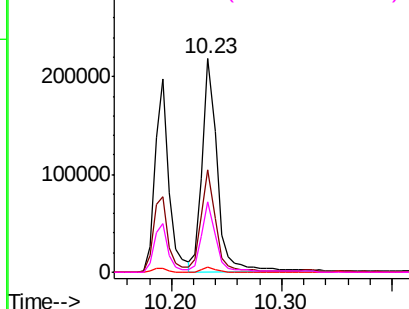
Abundance

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: 37.767 ng  
 RT: 10.32 min Scan# 1400  
 Delta R.T. 0.00 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

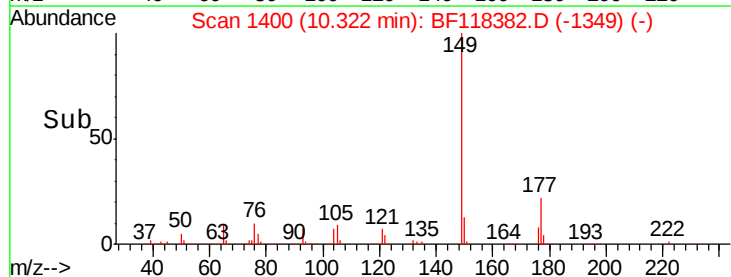
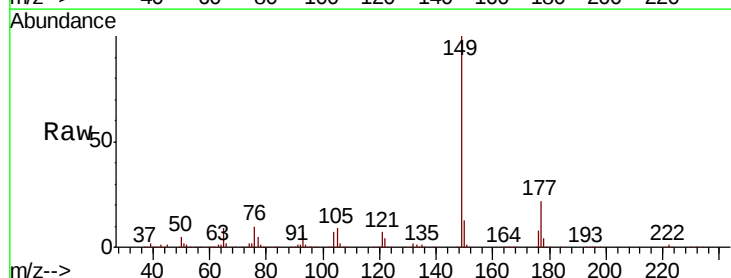
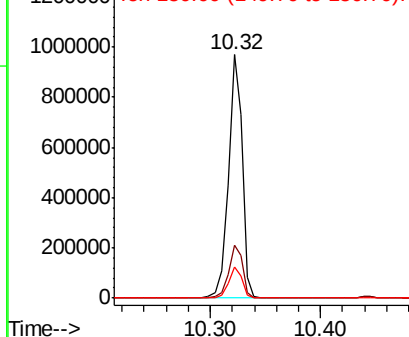
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.6  | 17.9  | 26.9  |
| 150     | 13.0  | 10.2  | 15.2  |

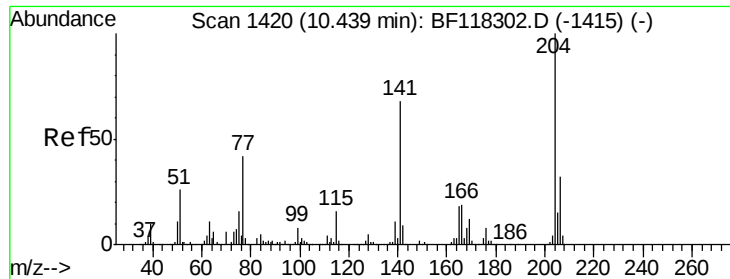
Abundance

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





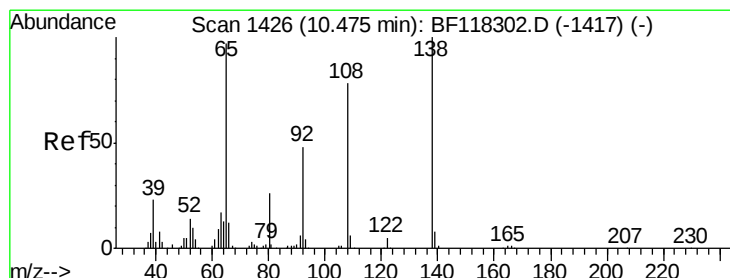
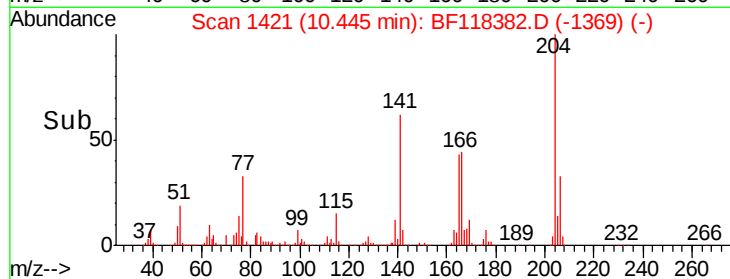
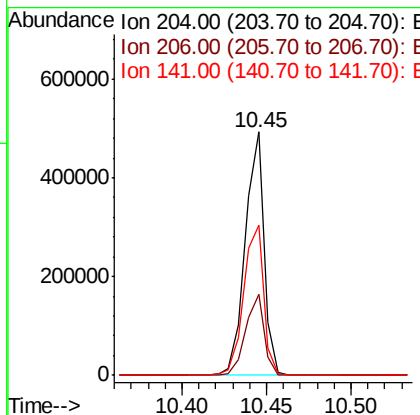
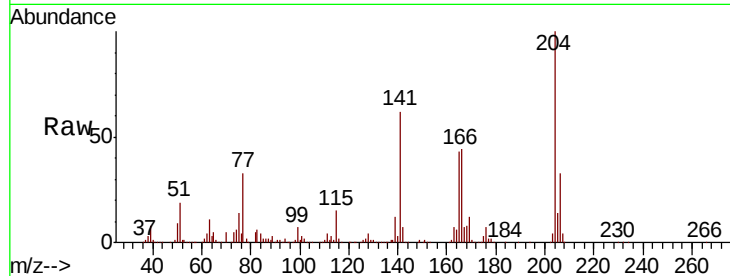
#61  
4-Chlorophenyl-phenylether  
Concen: 37.478 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 25.8  | 38.8  |
| 141     | 61.9  | 54.2  | 81.4  |

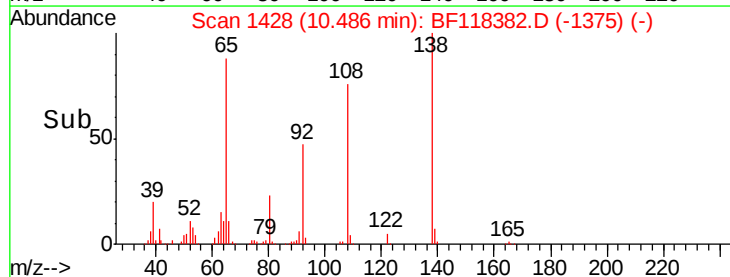
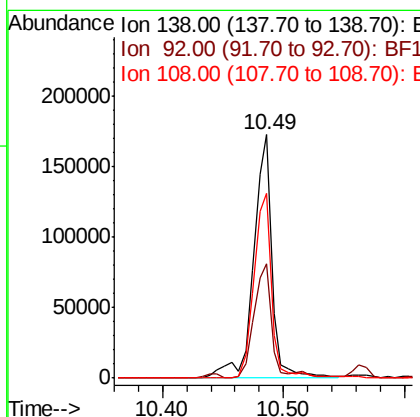
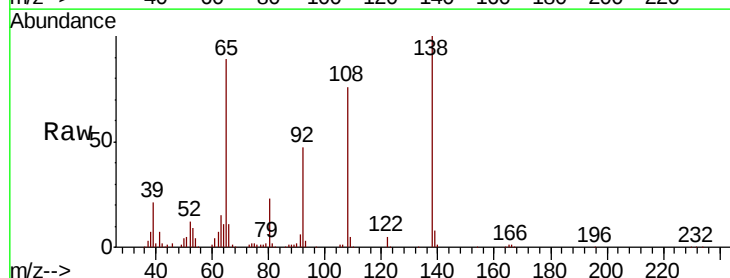
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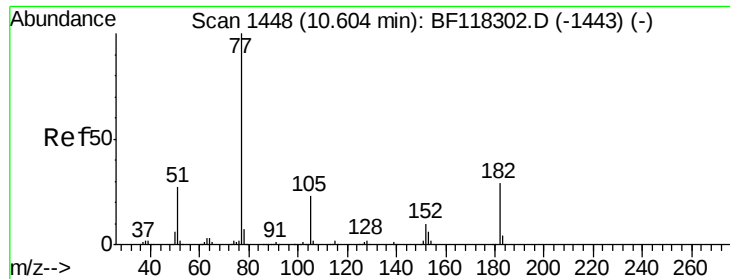
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#62  
4-Nitroaniline  
Concen: 31.276 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.8  | 27.9  | 67.9  |
| 108     | 76.0  | 58.1  | 98.1  |





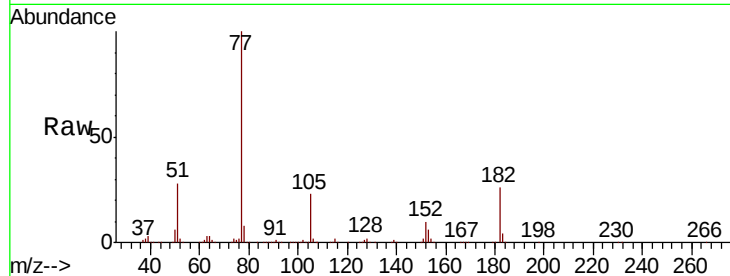
#63  
Azobenzene  
Concen: 38.104 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

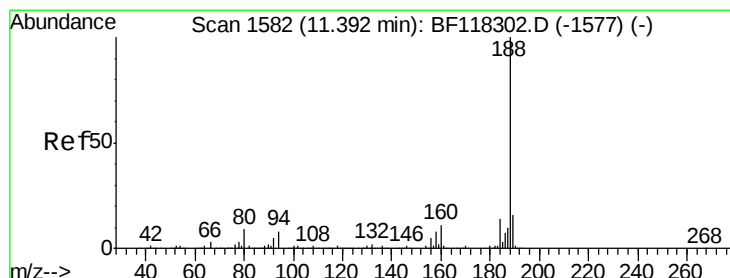
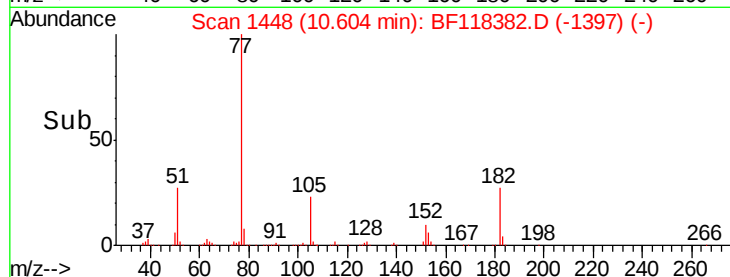
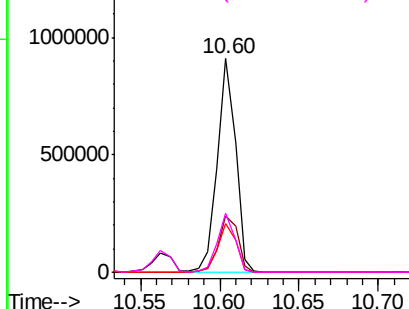
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.5  | 9.2   | 49.2  |
| 105     | 22.7  | 3.2   | 43.2  |
| 51      | 27.5  | 7.1   | 47.1  |

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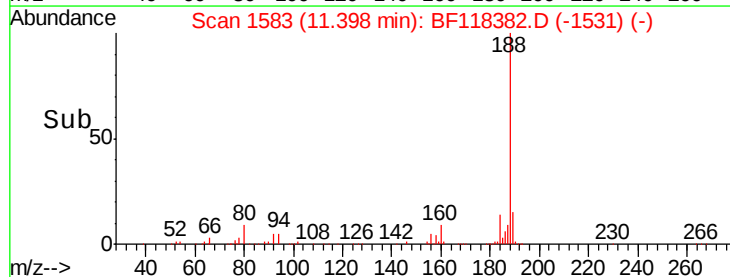
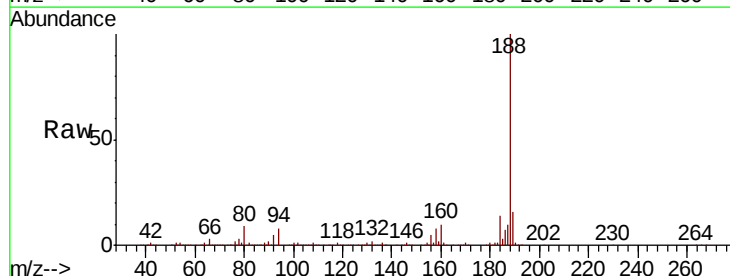
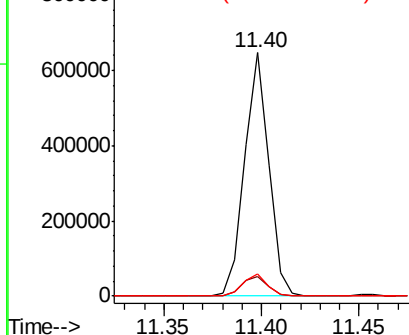
Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

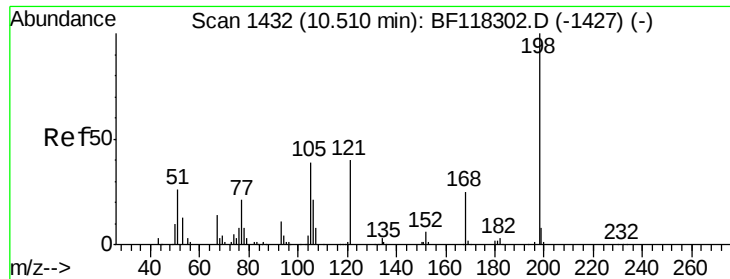


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1583  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.0   | 6.7   | 10.1  |
| 80      | 8.9   | 7.2   | 10.8  |

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





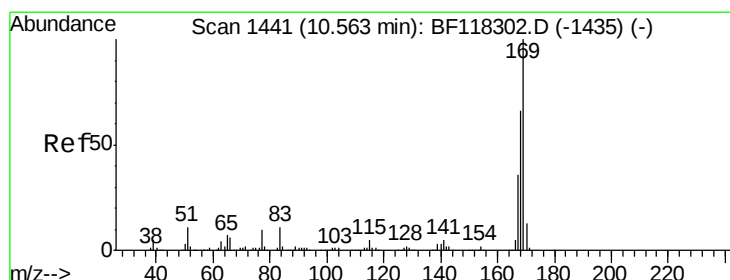
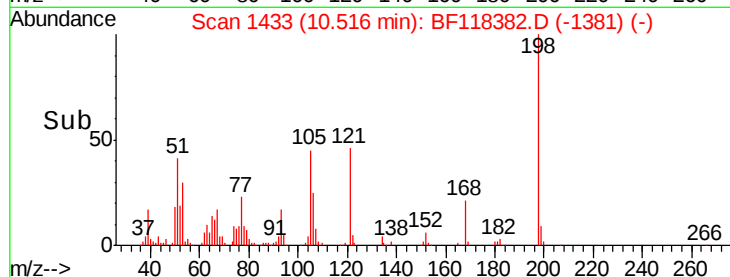
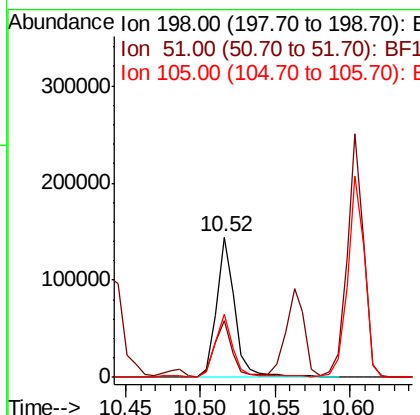
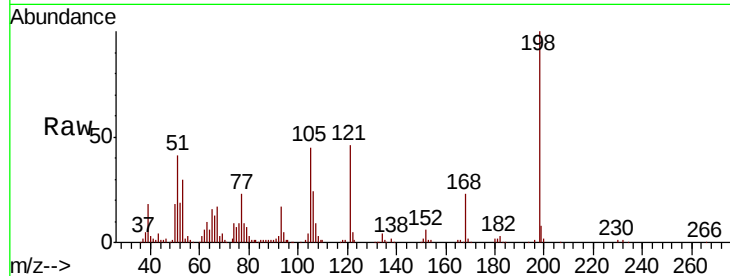
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.173 ng  
RT: 10.52 min Scan# 1433  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.6  | 12.8  | 52.8  |
| 105     | 44.8  | 20.3  | 60.3  |

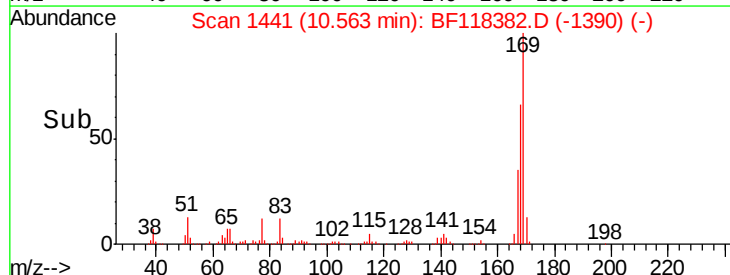
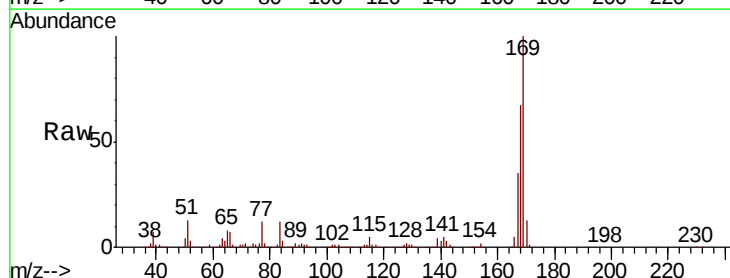
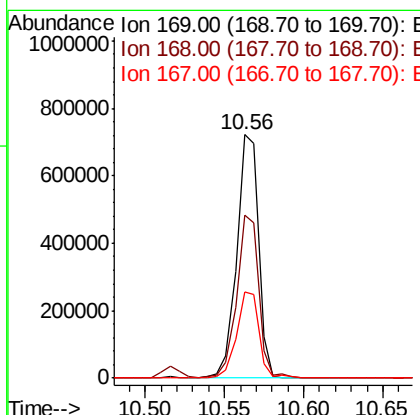
Manual Integrations  
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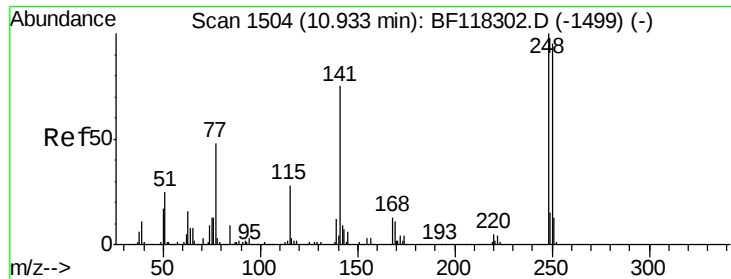
mohammad  
12/31/2019 12:03:57 PM



#66  
n-Nitrosodiphenylamine  
Concen: 38.400 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.7  | 52.6  | 79.0  |
| 167     | 35.2  | 28.4  | 42.6  |





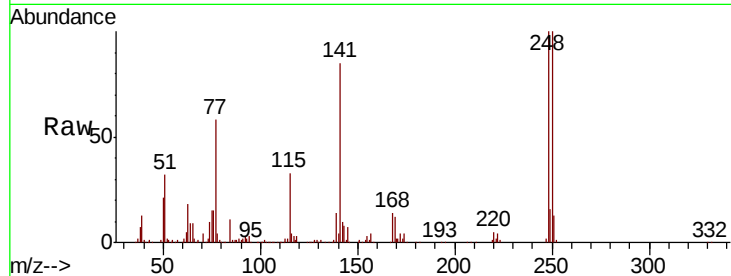
#67  
4-Bromophenyl-phenylether  
Concen: 36.571 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

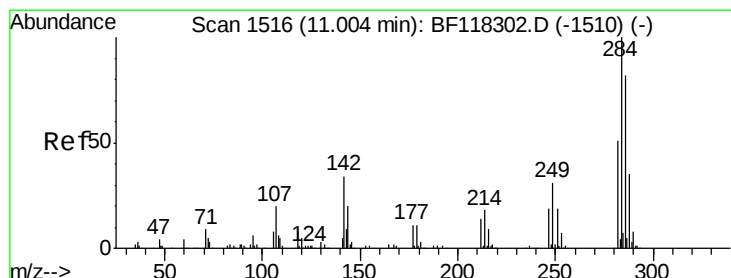
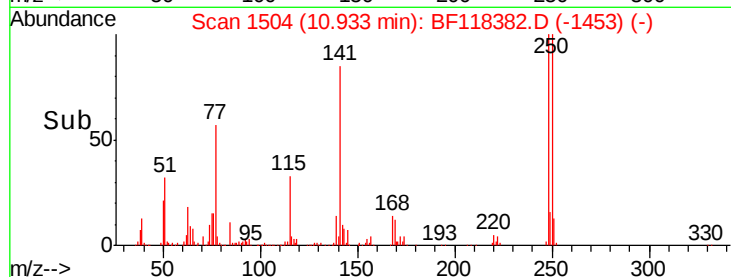
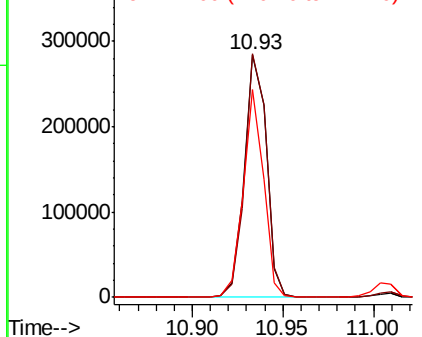
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.5 | 76.4  | 114.6 |
| 141     | 85.8  | 60.2  | 90.2  |

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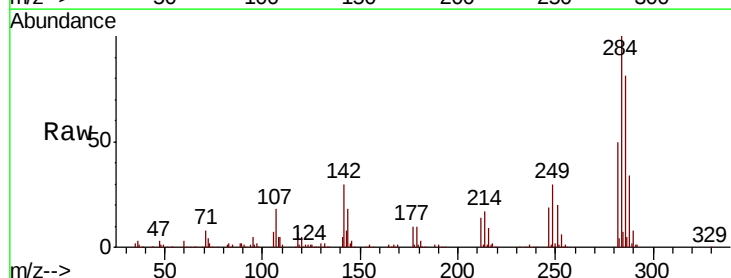


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

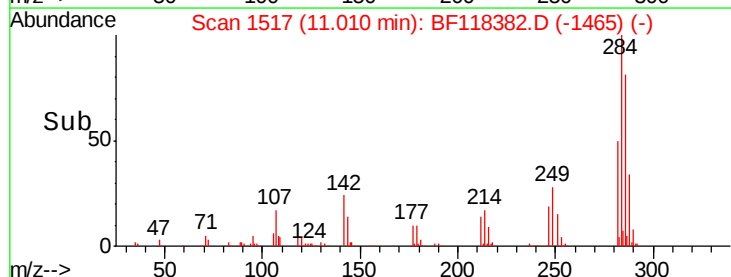
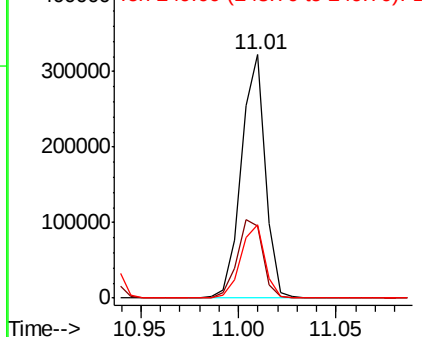


#68  
Hexachlorobenzene  
Concen: 35.575 ng  
RT: 11.01 min Scan# 1517  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.8  | 27.3  | 40.9  |
| 249     | 30.0  | 25.0  | 37.6  |



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





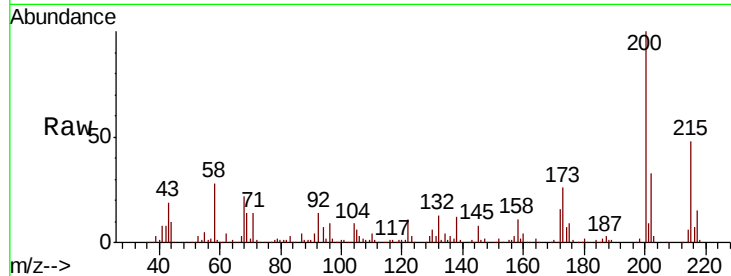
#69  
Atrazine  
Concen: 41.254 ng  
RT: 11.10 min Scan# 1532  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

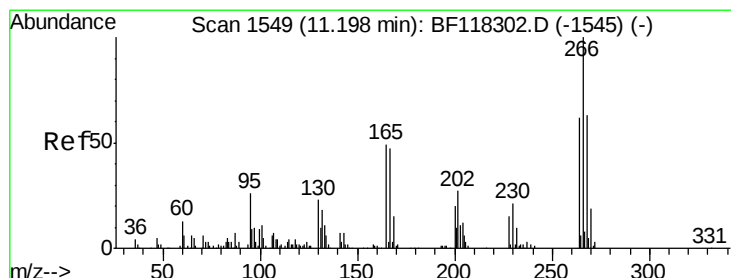
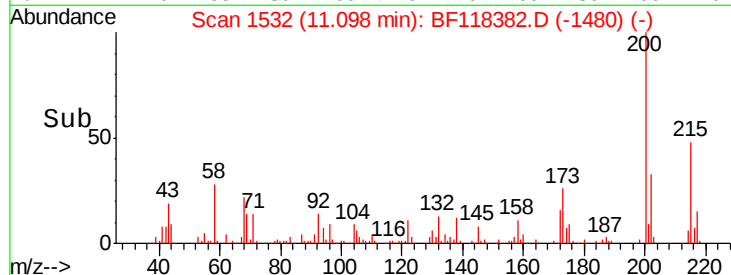
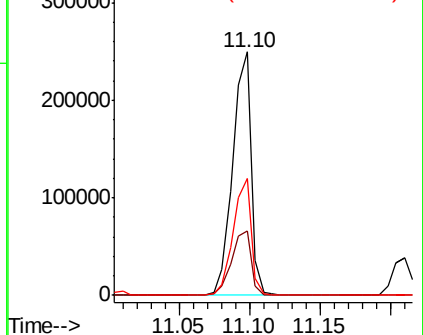
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 26.3  | 5.8        | 45.8  |
| 215     | 47.9  | 25.1       | 65.1  |

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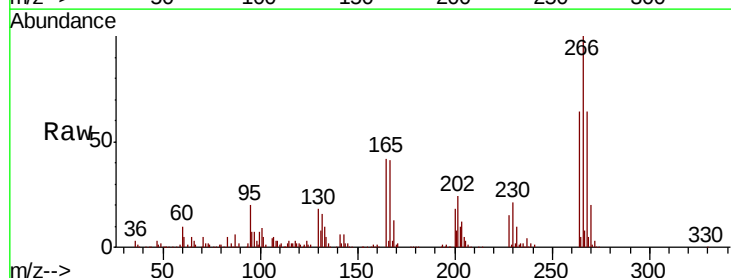


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

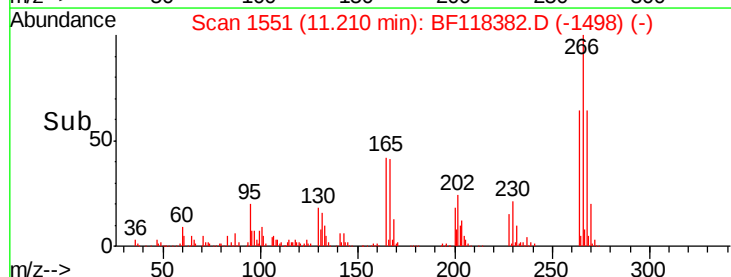
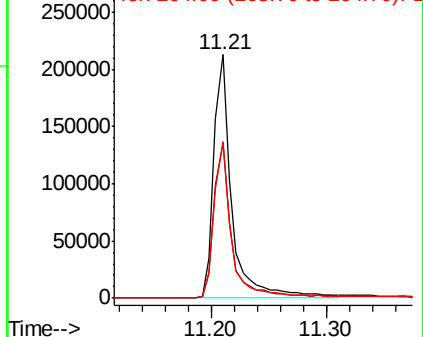


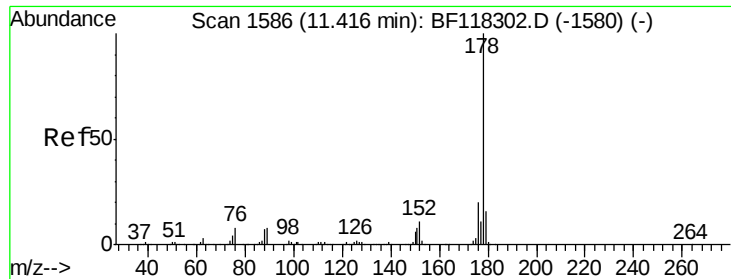
#70  
Pentachlorophenol  
Concen: 69.353 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.8  | 50.6       | 76.0  |
| 264     | 64.5  | 49.9       | 74.9  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.560 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

ClientSampleId :

PB125780BS

Tot Ion:178 Resp: 1145883

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

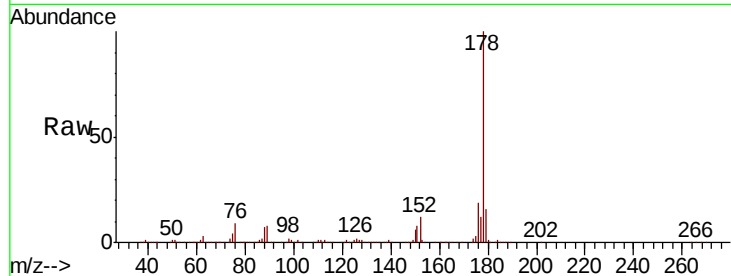
179 15.8 12.6 19.0

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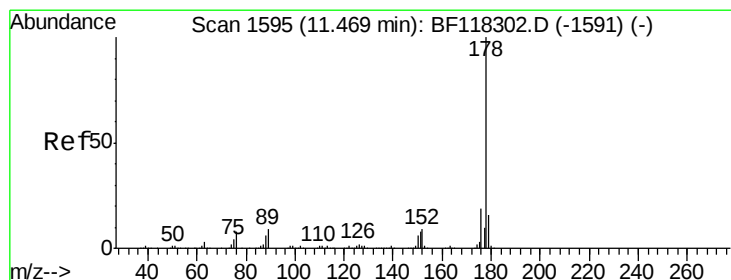
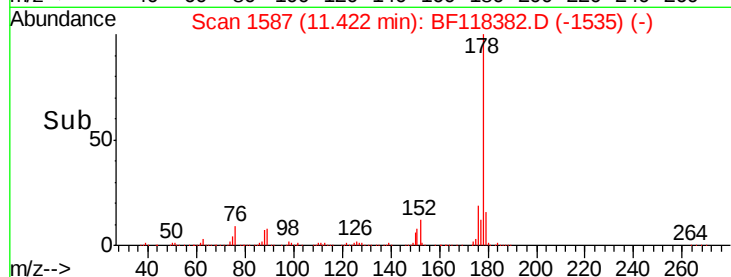
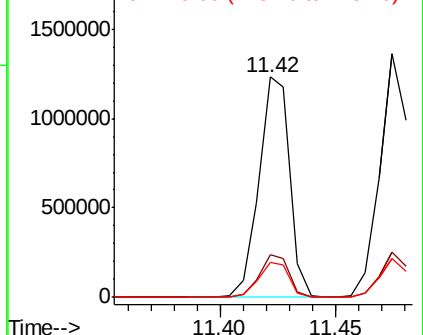
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.576 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Tgt Ion:178 Resp: 1177973

Ion Ratio Lower Upper

178 100

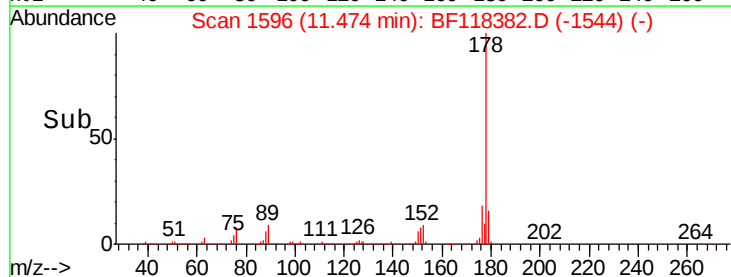
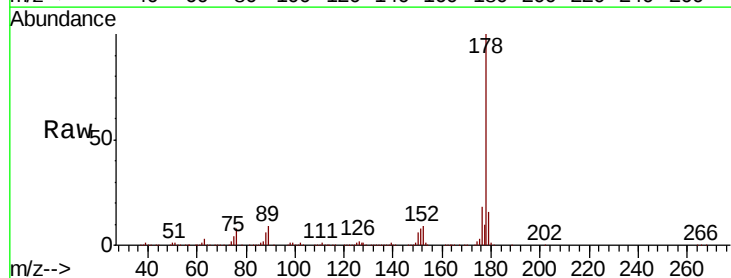
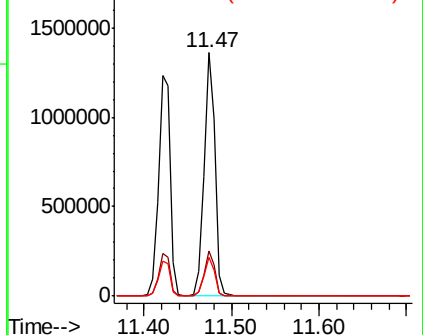
176 18.5 15.2 22.8

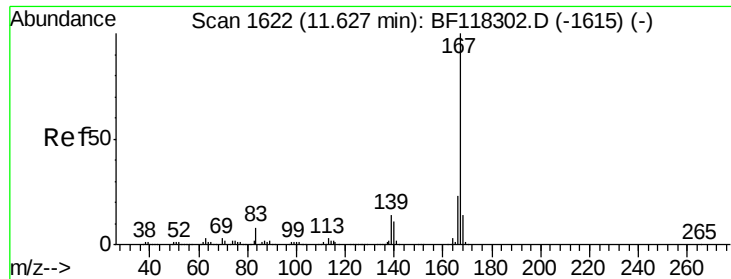
179 15.8 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





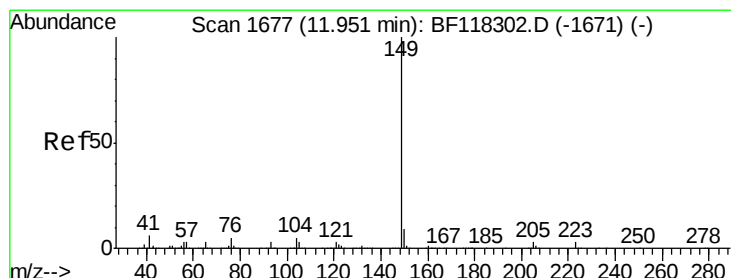
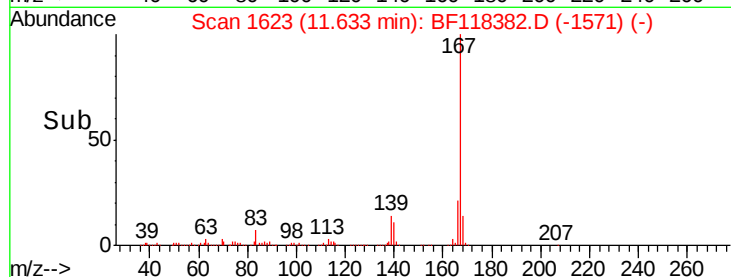
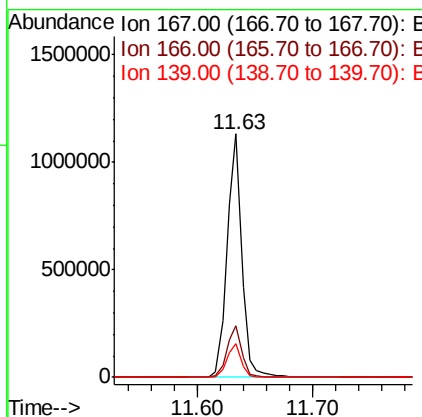
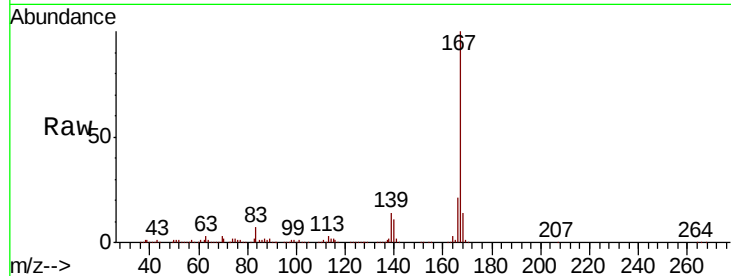
#73  
 Carbazole  
 Concen: 36.818 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. 0.01 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.4  | 18.1  | 27.1  |
| 139     | 13.7  | 11.5  | 17.3  |

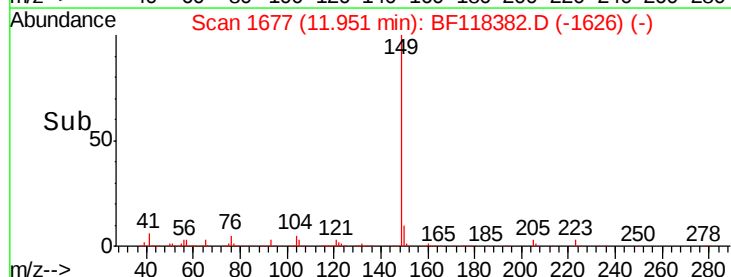
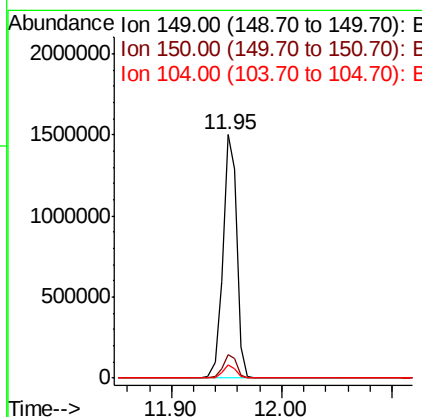
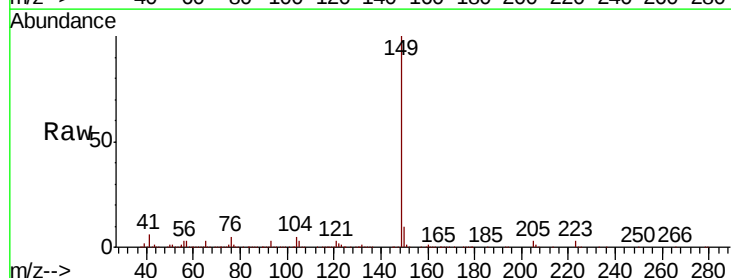
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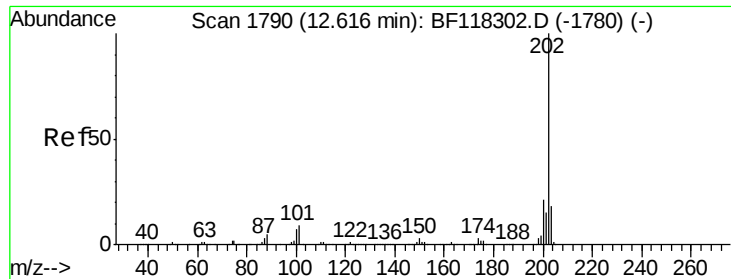
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#74  
 Di-n-butylphthalate  
 Concen: 38.198 ng  
 RT: 11.95 min Scan# 1677  
 Delta R.T. 0.00 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.5   | 11.3  |
| 104     | 5.2   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 37.166 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

ClientSampleId :

PB125780BS

Tot Ion:202 Resp: 1144296

Ion Ratio Lower Upper

202 100

101 12.2 0.0 29.5

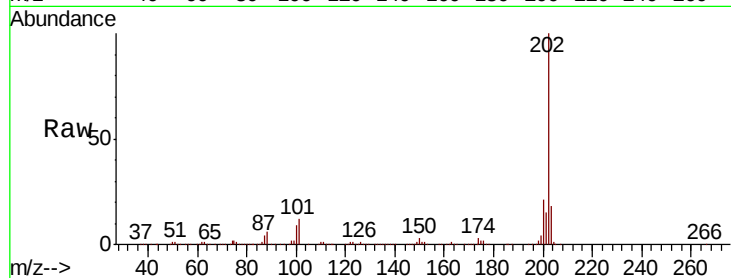
203 18.0 0.0 37.6

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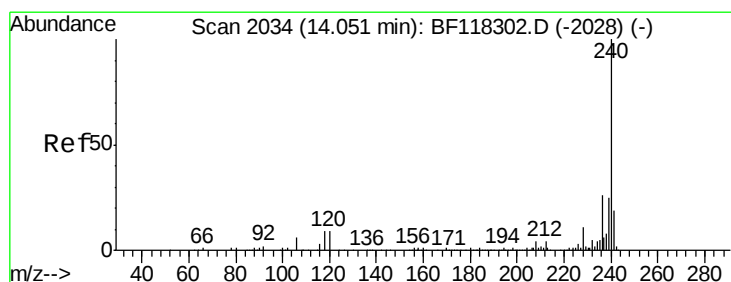
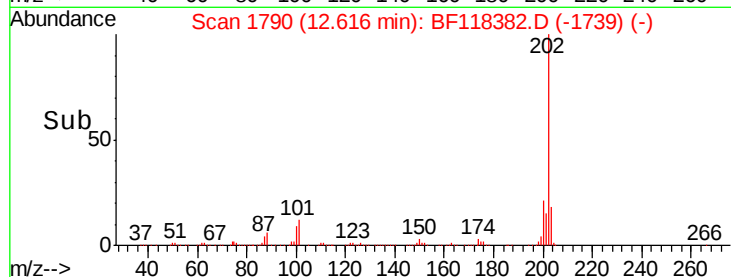
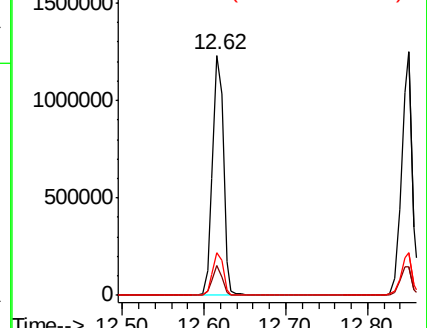
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Abundance Ion 202.00 (201.70 to 202.70): E

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# 2035

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Tgt Ion:240 Resp: 356799

Ion Ratio Lower Upper

240 100

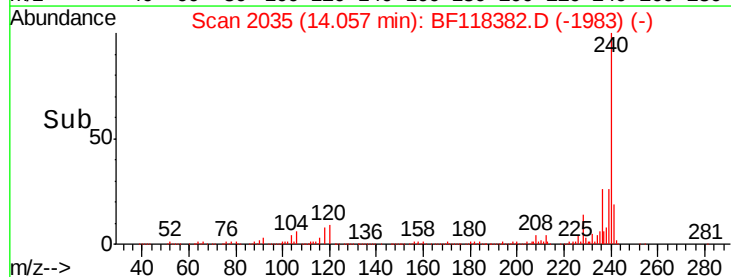
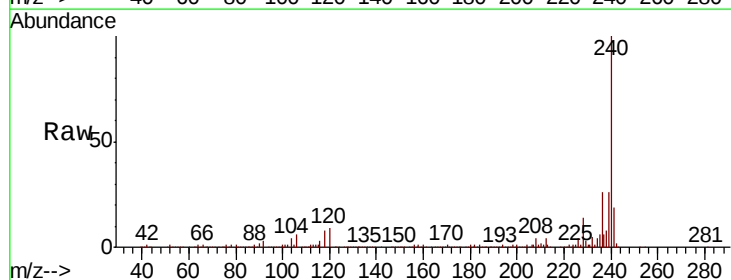
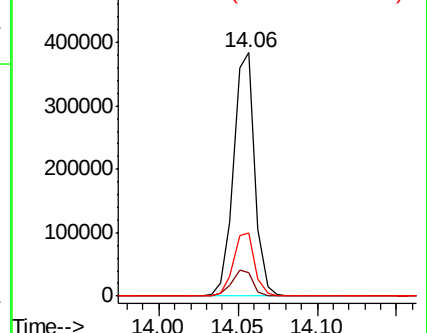
120 9.4 7.1 10.7

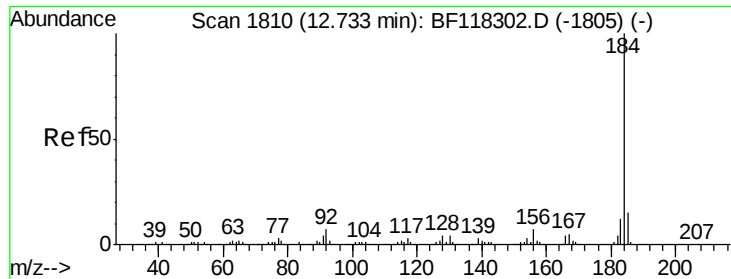
236 26.0 21.0 31.6

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: 20.448 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

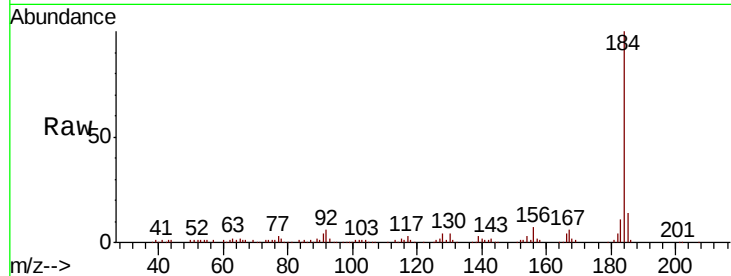
ClientSampleId :

PB125780BS

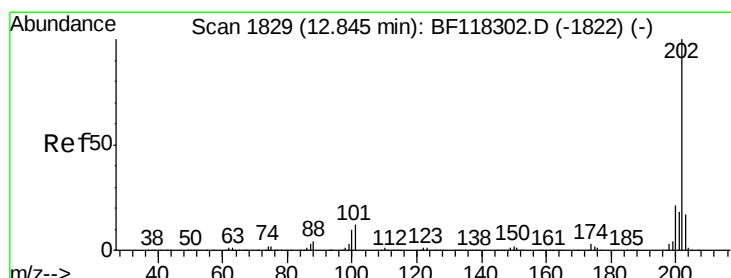
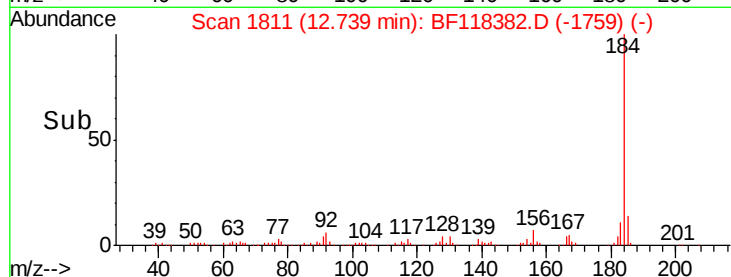
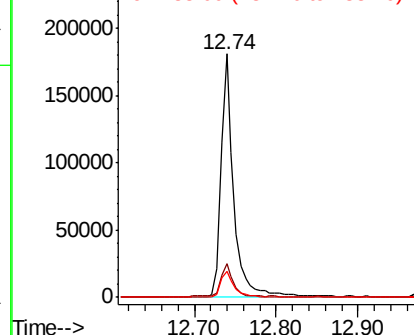
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 199911 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 12.3  | 18.5   |
| 183       | 10.7  | 9.4   | 14.2   |

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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: 39.323 ng

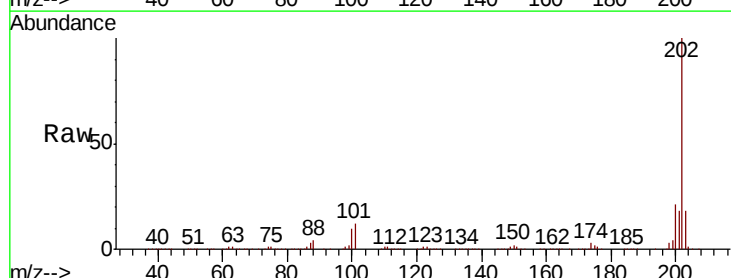
RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

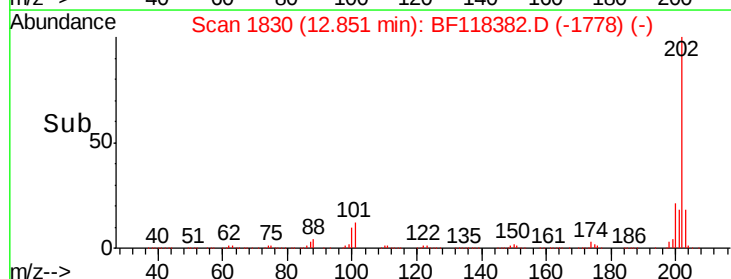
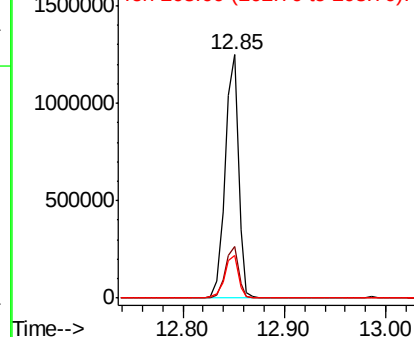
Lab File: BF118382.D

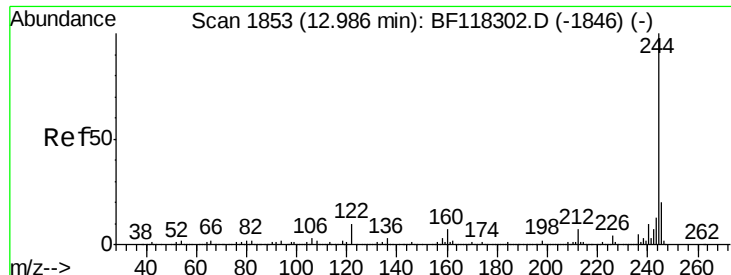
Acq: 30 Dec 2019 15:38

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1145731 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 21.2  | 16.8  | 25.2    |
| 203       | 17.7  | 13.9  | 20.9    |



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





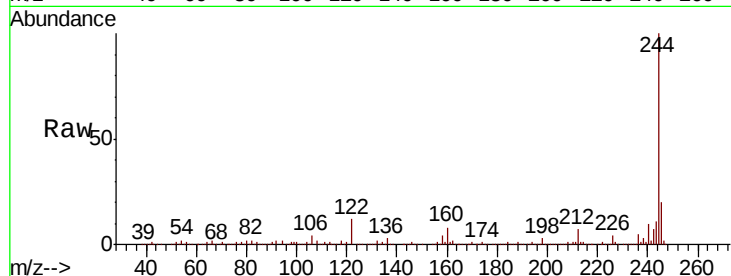
#79  
 Terphenyl-d14  
 Concen: 78.197 ng  
 RT: 12.99 min Scan# 1853  
 Delta R.T. 0.00 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.9   | 5.4   | 8.2   |
| 122     | 11.9  | 7.8   | 11.8  |

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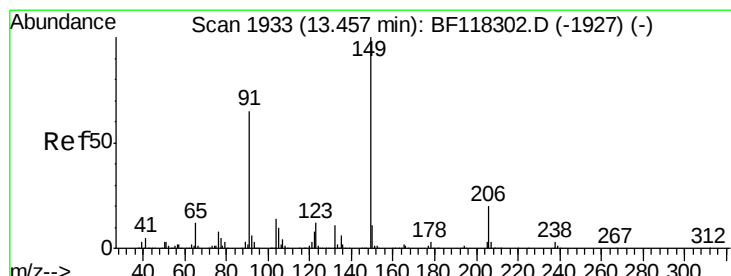
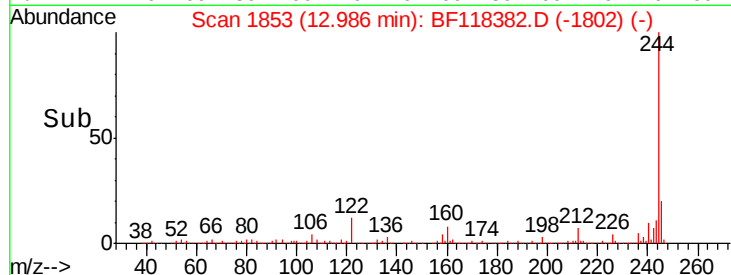
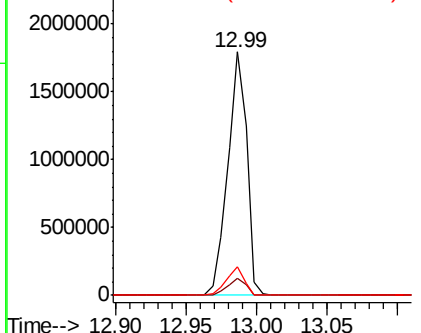


Abundance

Ion 244.00 (243.70 to 244.70): E

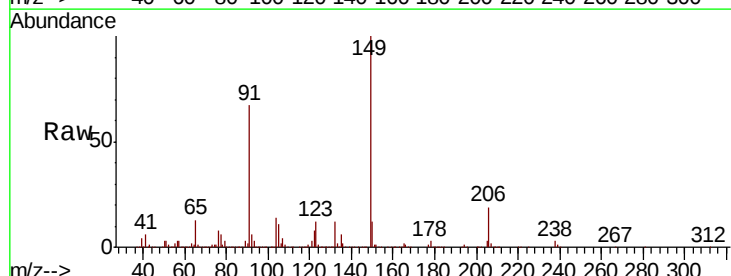
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80  
 Butylbenzylphthalate  
 Concen: 39.654 ng  
 RT: 13.46 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: BF118382.D  
 Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.5  | 51.8  | 77.6  |
| 206     | 19.2  | 15.7  | 23.5  |

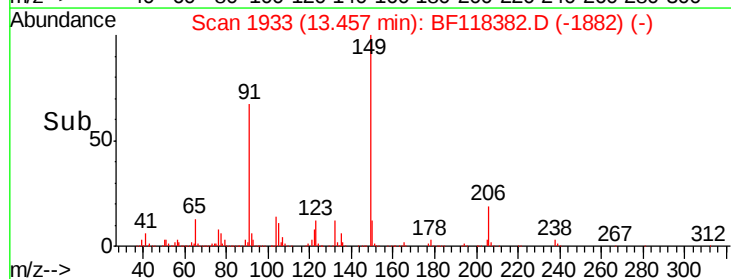
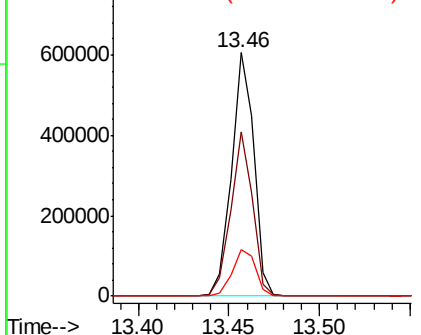


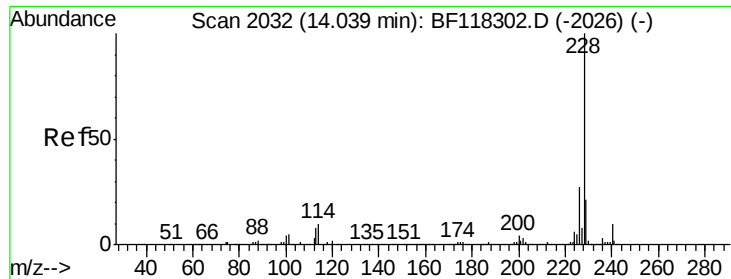
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.602 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF118382.D

Acq: 30 Dec 2019 15:38

Instrument :

BNA\_F

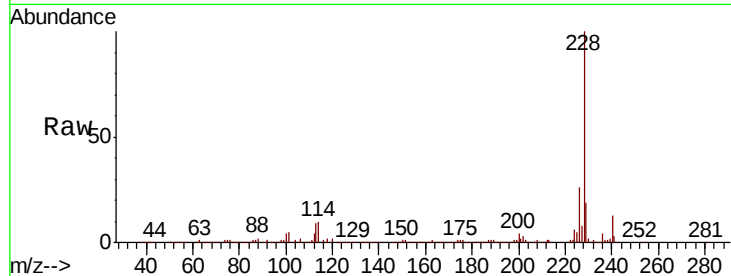
ClientSampleId :

PB125780BS

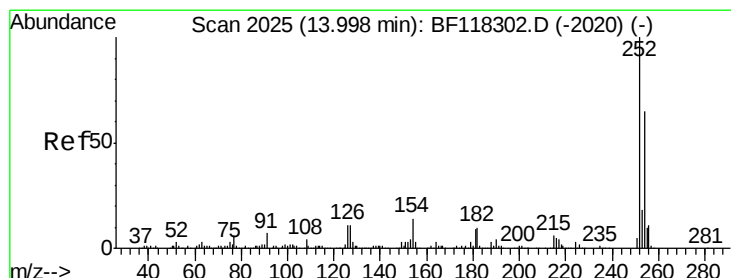
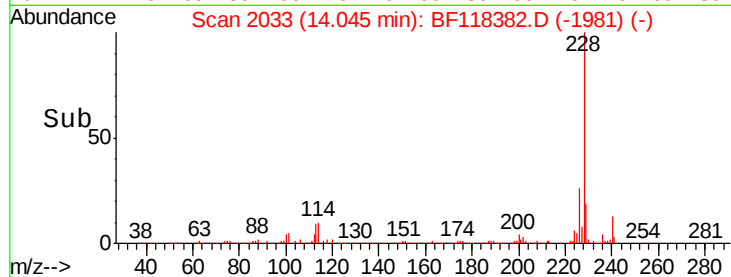
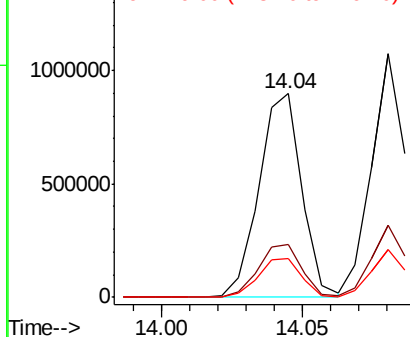
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 939099 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 26.3  | 22.0  | 33.0   |
| 229       | 19.1  | 16.6  | 24.8   |

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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: 29.756 ng

RT: 14.00 min Scan# 2025

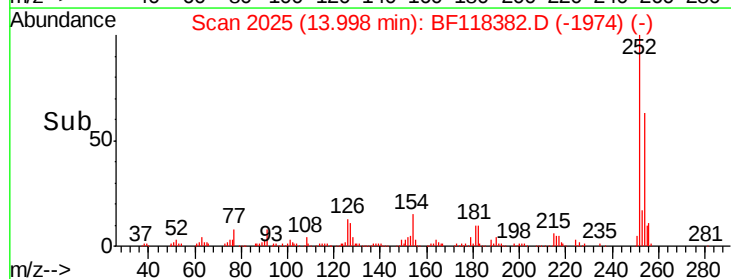
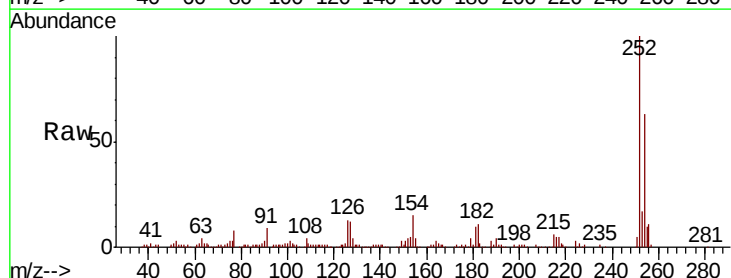
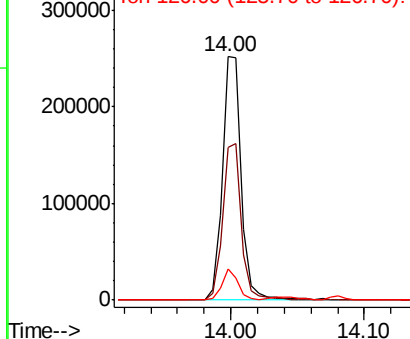
Delta R.T. 0.00 min

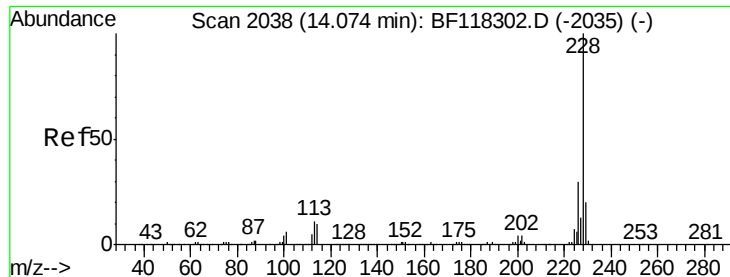
Lab File: BF118382.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 251966 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 62.7  | 51.8  | 77.8   |
| 126       | 13.0  | 8.7   | 13.1   |

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





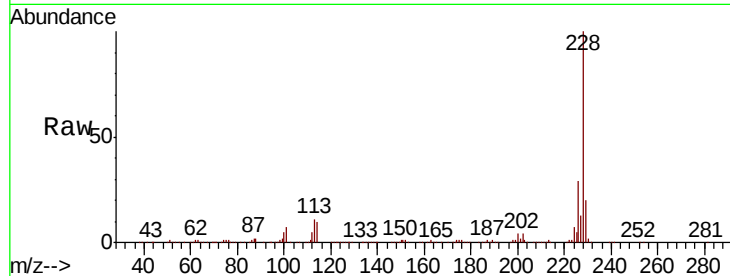
#83  
Chrvsene  
Concen: 36.902 ng  
RT: 14.08 min Scan# 2039  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampled :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 23.9  | 35.9  |
| 229     | 19.7  | 16.1  | 24.1  |

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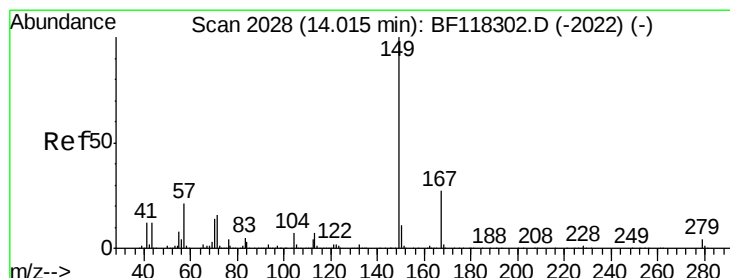
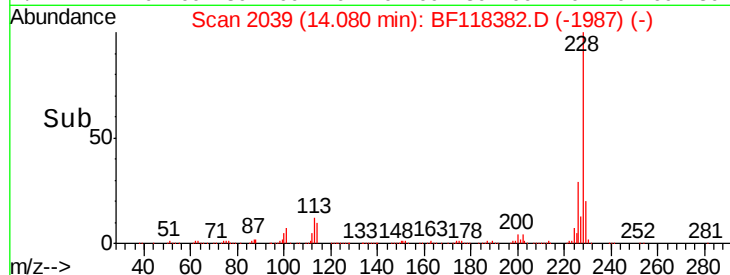
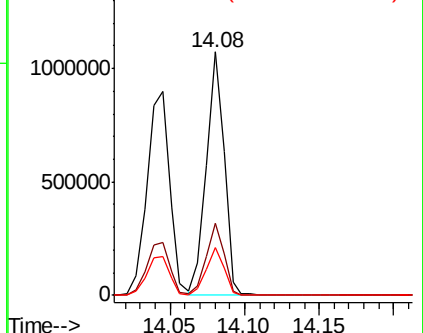


Abundance

Ion 228.00 (227.70 to 228.70): E

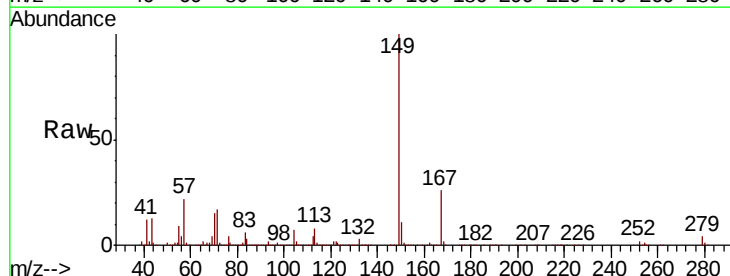
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.910 ng  
RT: 14.02 min Scan# 2028  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.1  | 21.3  | 31.9  |
| 279     | 4.0   | 3.4   | 5.2   |

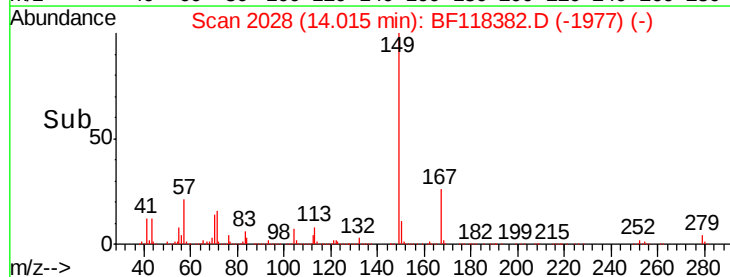
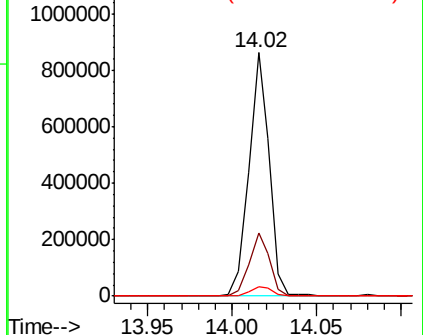


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





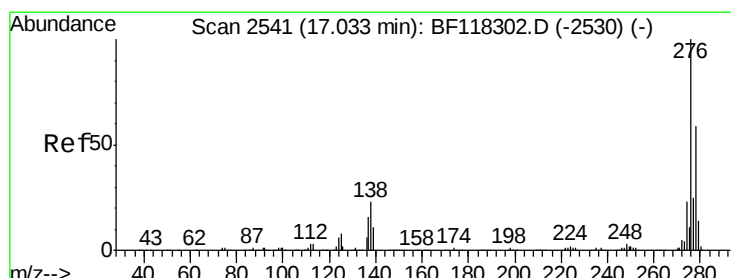
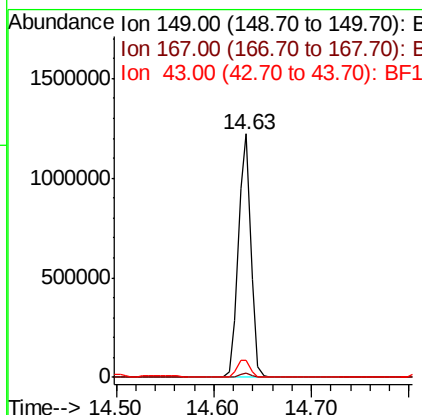
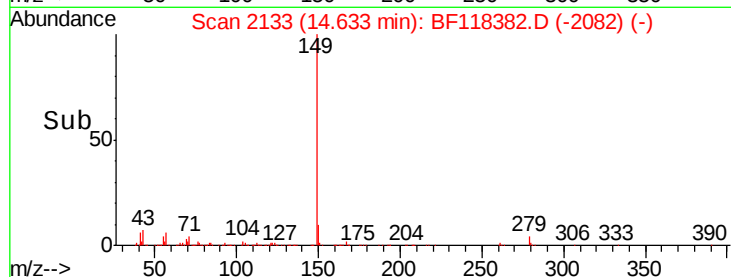
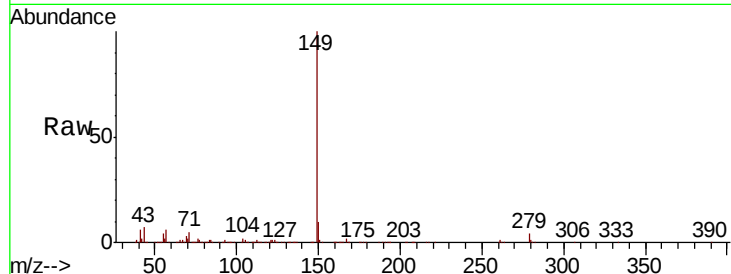
#85  
Di-n-octyl phthalate  
Concen: 42.451 ng  
RT: 14.63 min Scan# 2133  
Delta R.T. 0.00 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.2   | 1.8   |
| 43      | 7.6   | 6.1   | 9.1   |

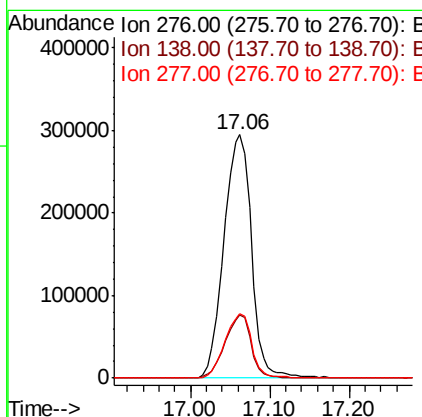
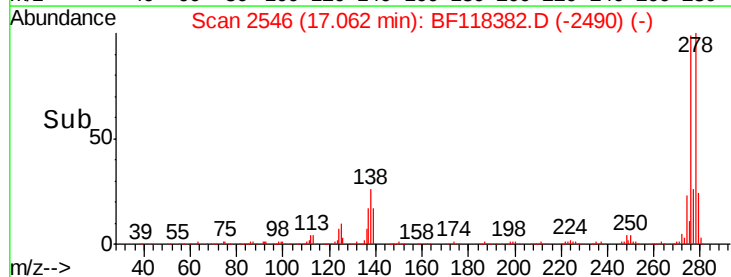
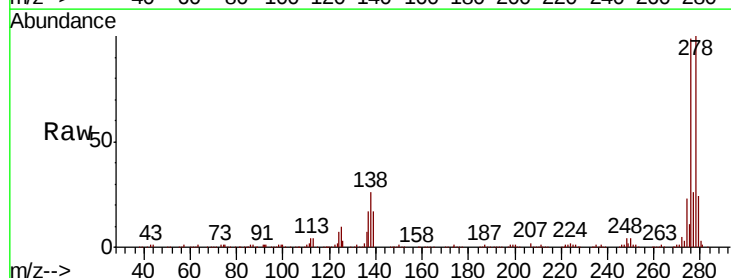
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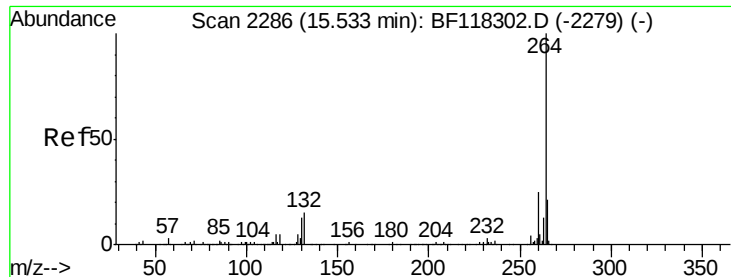
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 34.891 ng  
RT: 17.06 min Scan# 2546  
Delta R.T. 0.03 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.7  | 19.5  | 29.3  |
| 277     | 25.7  | 20.6  | 30.8  |





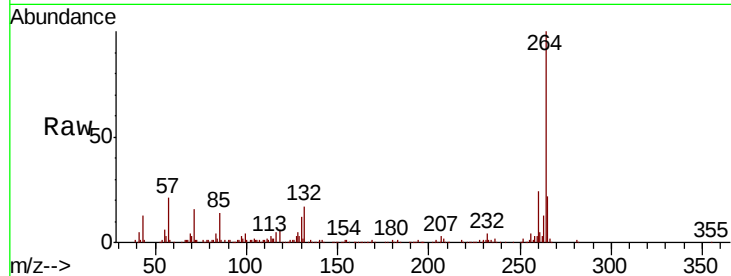
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2286  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.8  | 29.6  |
| 265     | 22.2  | 17.0  | 25.4  |

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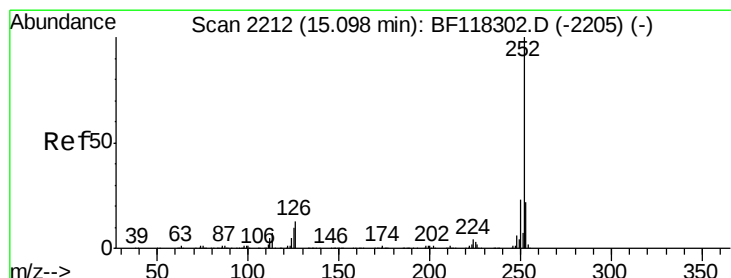
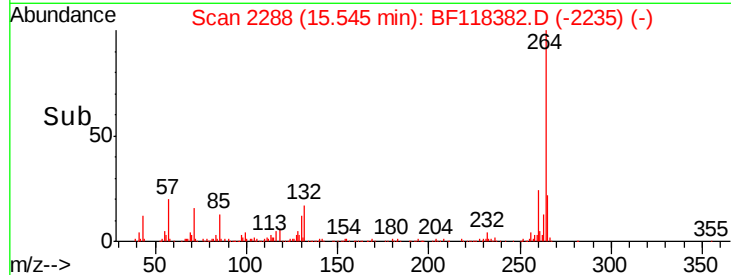
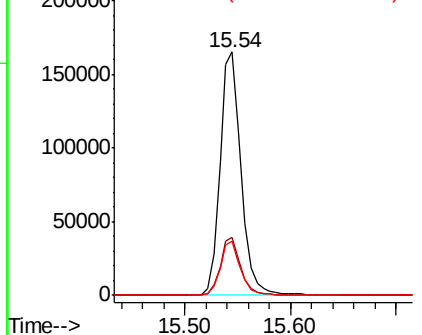


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88  
Benzo(b)fluoranthene  
Concen: 50.217 ng  
RT: 15.10 min Scan# 2213  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

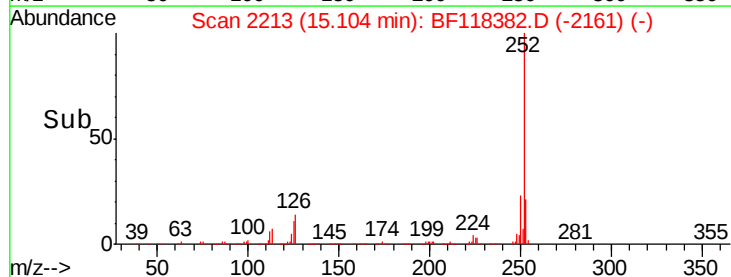
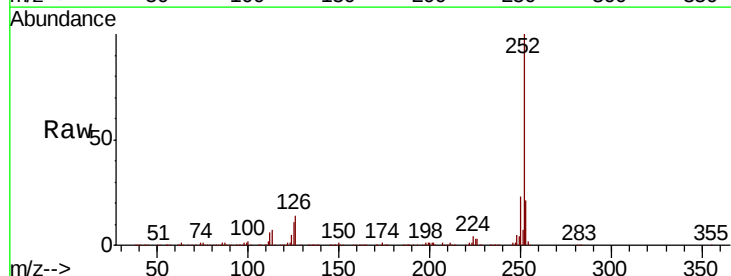
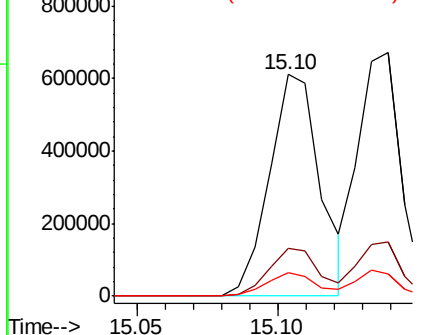
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.5  | 26.3  |
| 125     | 10.9  | 7.7   | 11.5  |

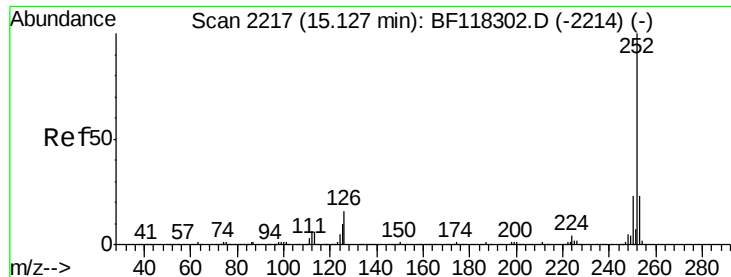
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





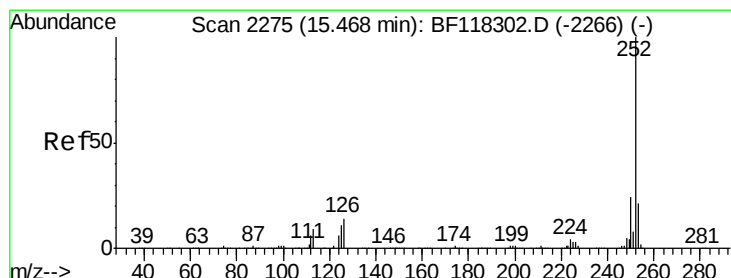
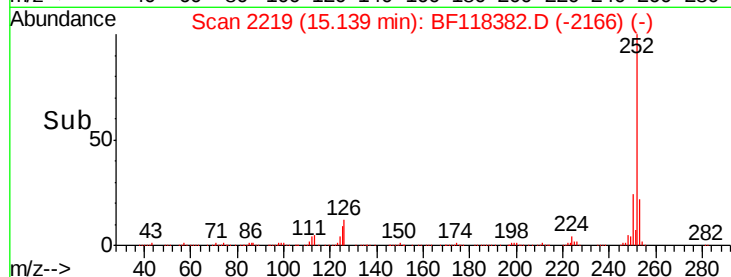
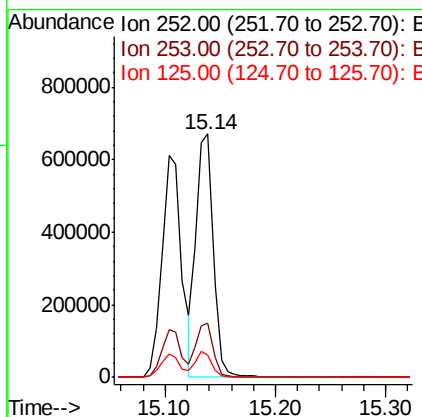
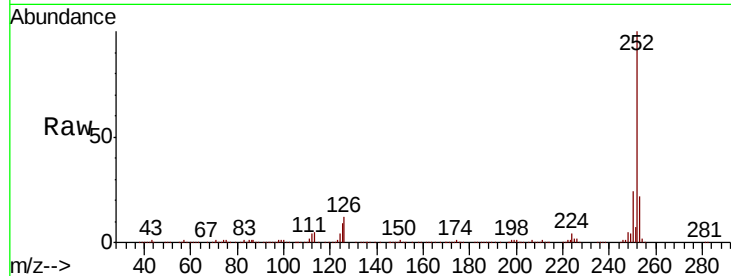
#89  
Benzo(k)fluoranthene  
Concen: 48.686 ng  
RT: 15.14 min Scan# 2219  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.0  | 27.0  |
| 125     | 9.3   | 8.0   | 12.0  |

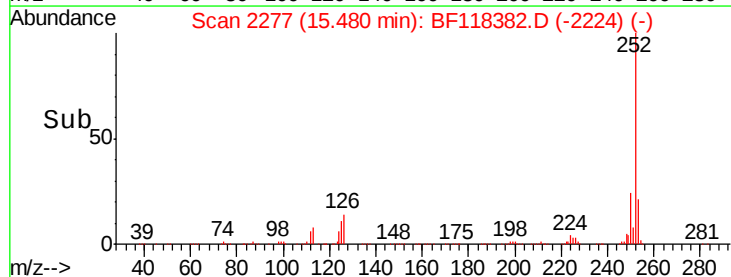
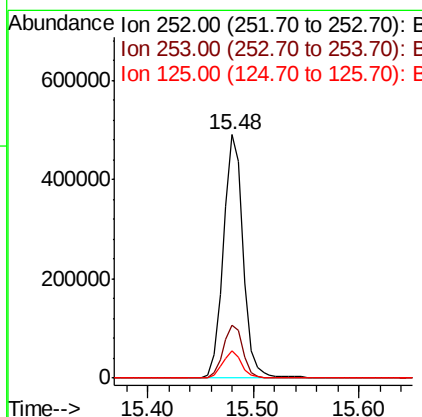
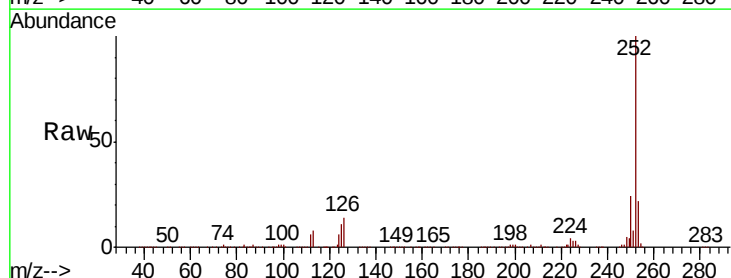
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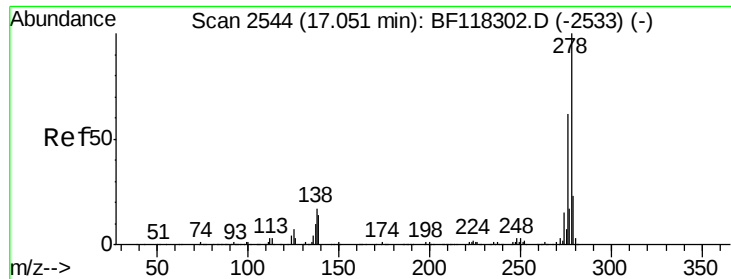
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#90  
Benzo(a)pyrene  
Concen: 47.696 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. 0.01 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.0  | 25.6  |
| 125     | 11.3  | 9.0   | 13.4  |





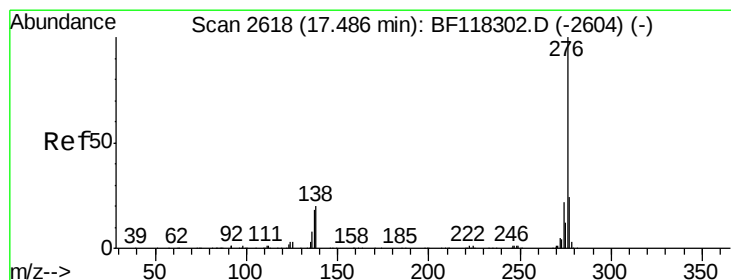
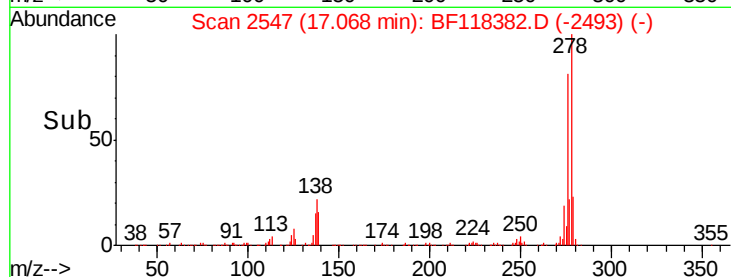
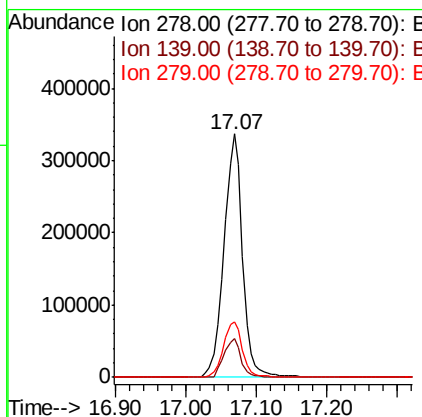
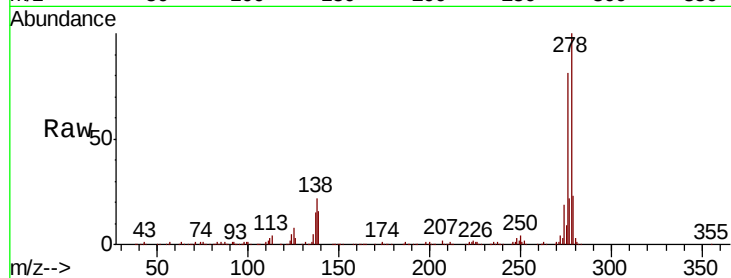
#91  
Dibenzo(a,h)anthracene  
Concen: 53.249 ng  
RT: 17.07 min Scan# 2547  
Delta R.T. 0.02 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB125780BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.2  | 11.5  | 17.3  |
| 279     | 22.8  | 18.3  | 27.5  |

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#92  
Benzo(g,h,i)perylene  
Concen: 53.331 ng  
RT: 17.52 min Scan# 2623  
Delta R.T. 0.03 min  
Lab File: BF118382.D  
Acq: 30 Dec 2019 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.1  | 19.1  | 28.7  |
| 138     | 20.3  | 16.1  | 24.1  |

