

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\  
 Data File : BF115351.D  
 Acq On : 2 Jul 2019 9:23  
 Operator : HP/JU  
 Sample : PB121059BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

Manual Integrations  
 APPROVED

mohammad  
 7/3/2019 10:51:24 PM

Quant Time: Jul 02 12:08:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 02 12:02:54 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 187122   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 733913   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.63  | 164  | 363115   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.11 | 188  | 722914   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.73 | 240  | 492558   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.10 | 264  | 599281   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.21  | 112 | 875524  | 72.20 | ng | 0.01 |
| 7) Phenol-d6             | 6.25  | 99  | 1073023 | 72.91 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.17  | 82  | 960249  | 80.49 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.42 | 330 | 335843  | 87.71 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 8.97  | 172 | 1906456 | 89.18 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.69 | 244 | 2099624 | 90.63 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.26 | 88  | 211169  | 36.900 | ng | 99     |
| 3) Pyridine                    | 2.91 | 79  | 496606  | 30.788 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.85 | 42  | 198213  | 31.347 | ng | 98     |
| 6) Aniline                     | 6.26 | 93  | 516849  | 25.552 | ng | # 84   |
| 8) 2-Chlorophenol              | 6.39 | 128 | 514994  | 37.770 | ng | 98     |
| 9) Benzaldehyde                | 6.14 | 77  | 285421  | 29.725 | ng | 98     |
| 10) Phenol                     | 6.26 | 94  | 595101  | 34.519 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.34 | 93  | 457121  | 35.970 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.54 | 146 | 563454  | 37.236 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.62 | 146 | 566580  | 37.339 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.77 | 146 | 527239  | 37.520 | ng | 98     |
| 15) Benzyl Alcohol             | 6.75 | 79  | 273085  | 25.481 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45  | 644246  | 34.953 | ng | 100    |
| 17) 2-Methylphenol             | 6.87 | 107 | 457176  | 40.622 | ng | 99     |
| 18) Hexachloroethane           | 7.11 | 117 | 200939  | 36.731 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70  | 327816  | 34.791 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.02 | 107 | 526236  | 40.494 | ng | # 77   |
| 22) Acetophenone               | 7.01 | 105 | 689129  | 41.015 | ng | # 99   |
| 24) Nitrobenzene               | 7.18 | 77  | 515650  | 39.232 | ng | 97     |
| 25) Isophorone                 | 7.43 | 82  | 914116  | 37.402 | ng | 98     |
| 26) 2-Nitrophenol              | 7.50 | 139 | 286627  | 44.158 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.55 | 122 | 475143  | 44.709 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93  | 597286  | 38.666 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 449541  | 40.988 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.83 | 180 | 486075  | 40.123 | ng | 99     |
| 31) Naphthalene                | 7.91 | 128 | 1469705 | 40.796 | ng | 100    |
| 32) Benzoic acid               | 7.68 | 122 | 303878  | 40.057 | ng | 98     |
| 33) 4-Chloroaniline            | 7.95 | 127 | 389145  | 23.635 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.03 | 225 | 265461  | 39.986 | ng | 98     |
| 35) Caprolactam                | 8.33 | 113 | 138352m | 37.521 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.45 | 107 | 448672  | 40.395 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.60 | 142 | 1009625 | 41.564 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.70 | 142 | 938588  | 40.458 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.77 | 216 | 437246  | 42.612 | ng | 99     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

Manual Integrations  
 APPROVED

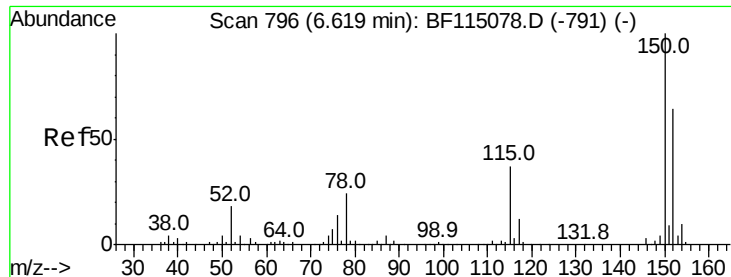
mohammad  
 7/3/2019 10:51:24 PM

Quant Time: Jul 02 12:08:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
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 QLast Update : Tue Jul 02 12:02:54 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.75  | 237  | 508793   | 83.622 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 314318   | 39.677 | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 8.92  | 196  | 350330   | 42.943 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.06  | 154  | 1194720  | 41.120 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.08  | 162  | 948196   | 40.233 | nq    | 98       |
| 48) 2-Nitroaniline             | 9.18  | 65   | 268586   | 39.090 | nq    | 97       |
| 49) Acenaphthylene             | 9.50  | 152  | 1483005  | 40.388 | nq    | 99       |
| 50) Dimethylphthalate          | 9.37  | 163  | 1093006  | 40.913 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.42  | 165  | 253132   | 41.042 | nq    | 91       |
| 52) Acenaphthene               | 9.67  | 154  | 859597   | 37.411 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.58  | 138  | 190996   | 25.376 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 9.70  | 184  | 267751   | 83.965 | nq    | # 88     |
| 55) Dibenzofuran               | 9.84  | 168  | 1303753  | 39.534 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.76  | 139  | 432776   | 71.722 | nq    | 91       |
| 57) 2,4-Dinitrotoluene         | 9.82  | 165  | 333834   | 41.919 | nq    | 99       |
| 58) Fluorene                   | 10.18 | 166  | 939978   | 42.435 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.96  | 232  | 295665   | 43.222 | nq    | 98       |
| 60) Diethylphthalate           | 10.07 | 149  | 1068199  | 39.778 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.17 | 204  | 458764   | 43.784 | nq    | 95       |
| 62) 4-Nitroaniline             | 10.20 | 138  | 281967   | 37.343 | nq    | 97       |
| 63) Azobenzene                 | 10.33 | 77   | 970298   | 38.684 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.23 | 198  | 169374   | 44.443 | nq    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 902424   | 40.068 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.66 | 248  | 311813   | 39.783 | nq    | 98       |
| 68) Hexachlorobenzene          | 10.72 | 284  | 347189   | 40.810 | nq    | # 93     |
| 69) Atrazine                   | 10.82 | 200  | 289558   | 39.967 | nq    | 99       |
| 70) Pentachlorophenol          | 10.92 | 266  | 414505   | 76.478 | nq    | 97       |
| 71) Phenanthrene               | 11.13 | 178  | 1502430  | 38.600 | nq    | 99       |
| 72) Anthracene                 | 11.18 | 178  | 1537089  | 39.122 | nq    | 100      |
| 73) Carbazole                  | 11.34 | 167  | 1390454  | 39.632 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.68 | 149  | 1649119  | 40.677 | nq    | 99       |
| 75) Fluoranthene               | 12.31 | 202  | 1555998  | 40.067 | nq    | 99       |
| 77) Benzidine                  | 12.44 | 184  | 726803   | 33.231 | nq    | 99       |
| 78) Pyrene                     | 12.54 | 202  | 1572590  | 41.544 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.17 | 149  | 732176   | 43.830 | nq    | 100      |
| 81) Benzo(a)anthracene         | 13.72 | 228  | 1428029  | 40.405 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.69 | 252  | 449404   | 35.212 | nq    | 99       |
| 83) Chrysene                   | 13.76 | 228  | 1386336  | 42.822 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.74 | 149  | 957983   | 43.766 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.35 | 149  | 1686232  | 45.850 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.38 | 276  | 1600736  | 41.785 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.73 | 252  | 1493507  | 39.940 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.76 | 252  | 1361686  | 40.606 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.05 | 252  | 1397715  | 41.471 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.40 | 278  | 1314226  | 41.769 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 16.77 | 276  | 1346722  | 42.289 | nq    | 99       |

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





#1

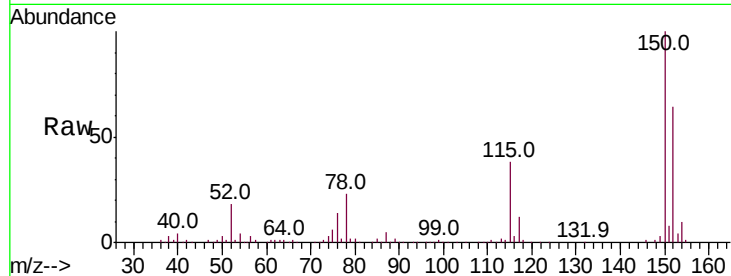
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.8 | 125.2 | 187.8 |
| 115     | 59.9  | 48.2  | 72.2  |

Manual Integrations  
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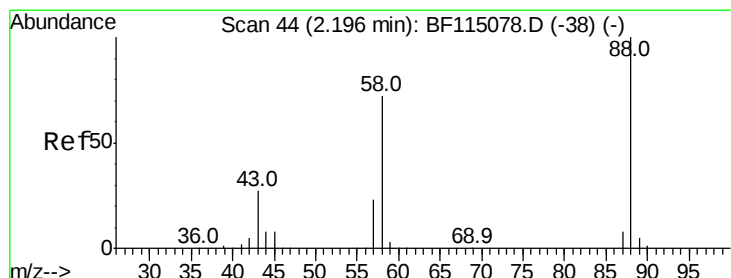
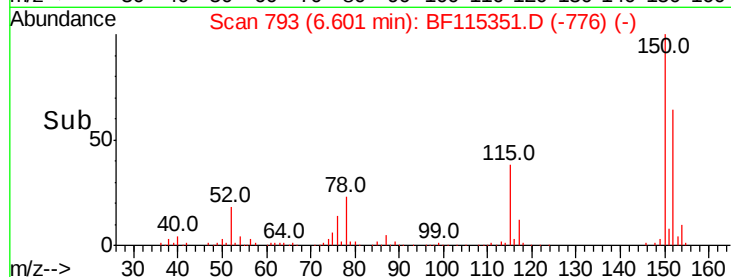
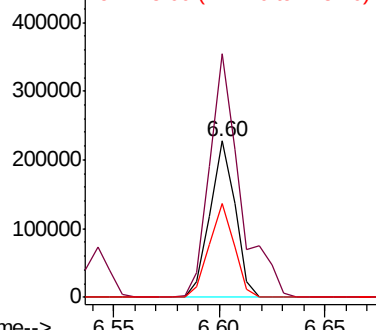


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

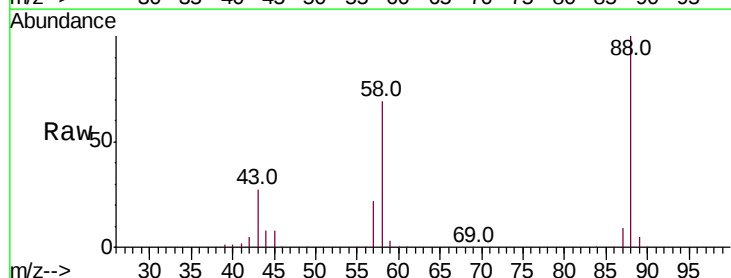
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 36.900 ng  
RT: 2.26 min Scan# 55  
Delta R.T. 0.09 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.5  | 54.8  | 82.2  |
| 43      | 25.4  | 21.0  | 31.6  |

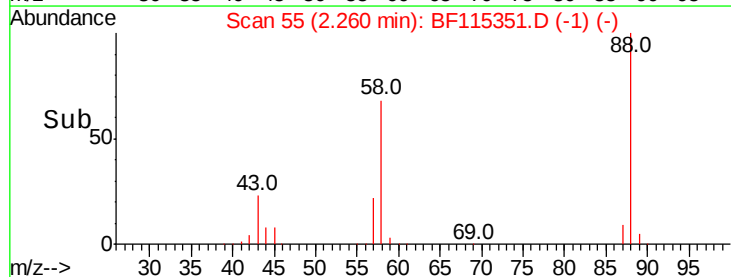
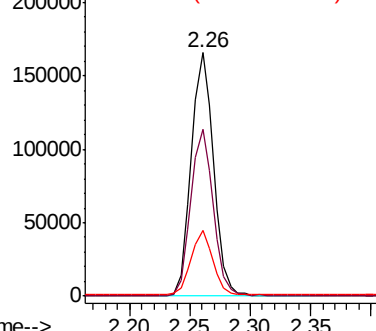


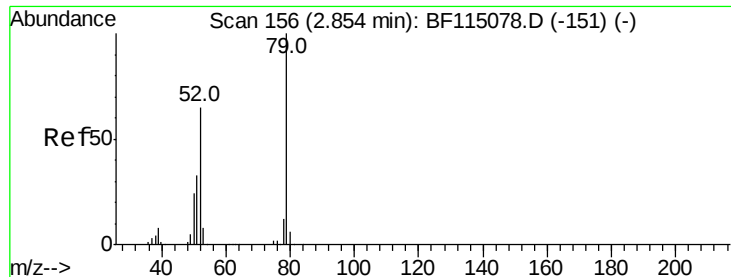
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.788 ng

RT: 2.91 min Scan# 165

Delta R.T. 0.09 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

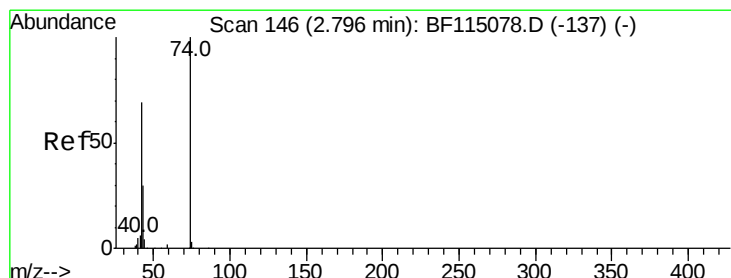
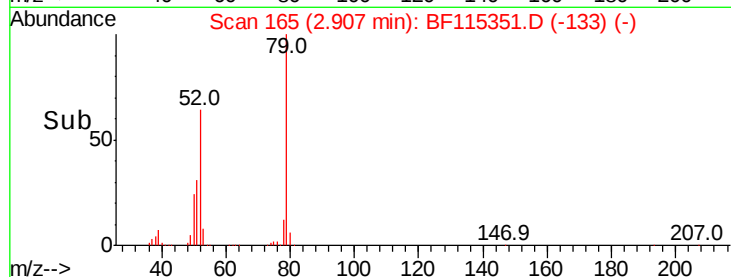
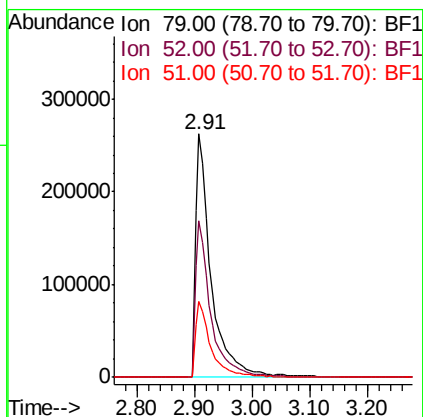
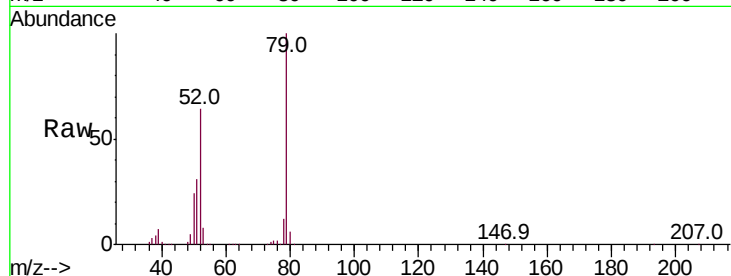
ClientSampleId :

PB121059BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 496606 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.3  | 50.9  | 76.3   |
| 51        | 31.3  | 25.0  | 37.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 31.347 ng

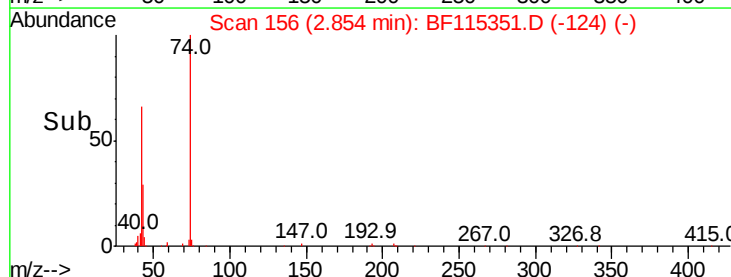
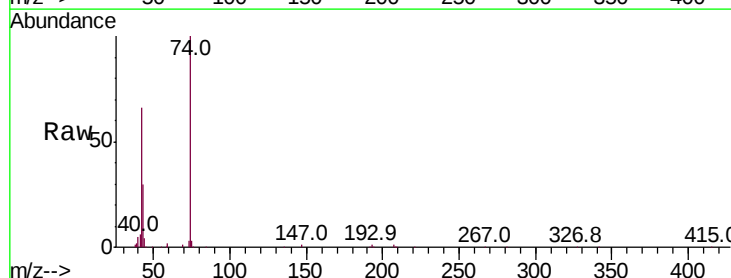
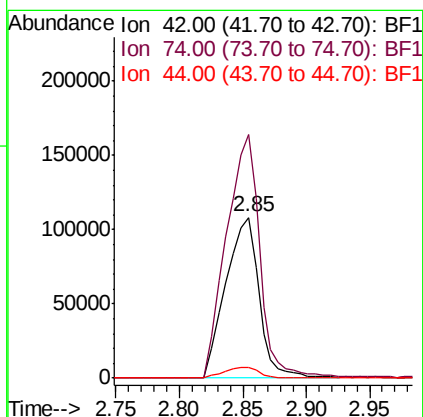
RT: 2.85 min Scan# 156

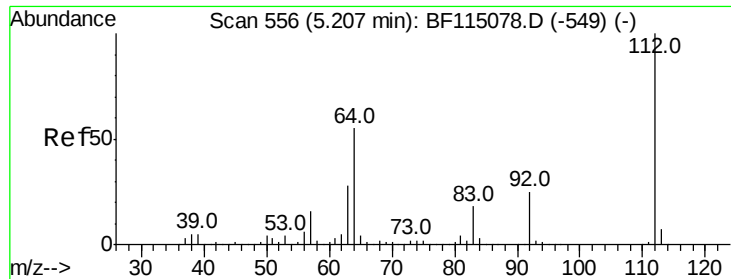
Delta R.T. 0.09 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 198213 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 151.6 | 119.1 | 178.7  |
| 44        | 6.6   | 5.4   | 8.2    |





#5

2-Fluorophenol

Concen: 72.203 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

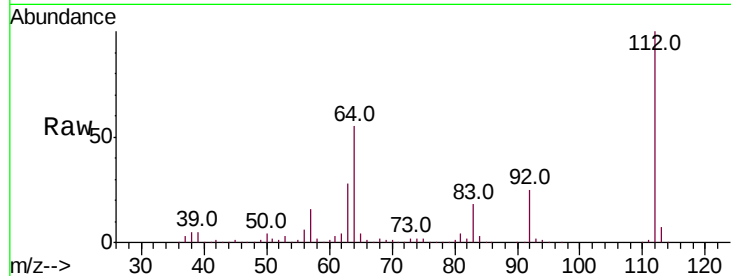
ClientSampled :

PB121059BS

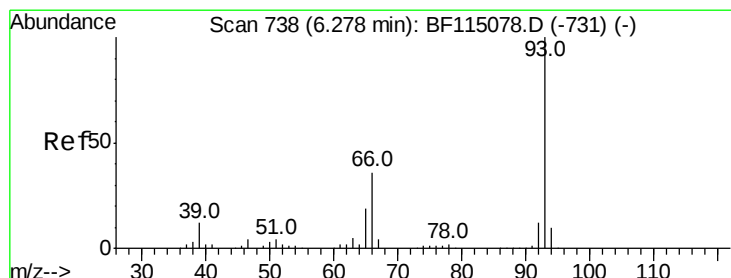
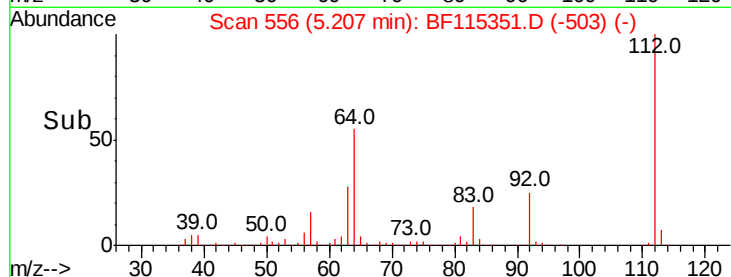
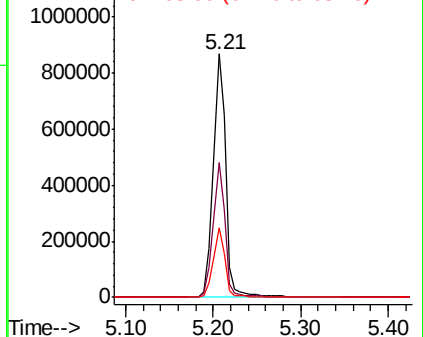
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 875524 |       |       |
| 64      | 55.2  | 44.2   | 66.2  |       |
| 63      | 28.3  | 22.3   | 33.5  |       |

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Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.552 ng

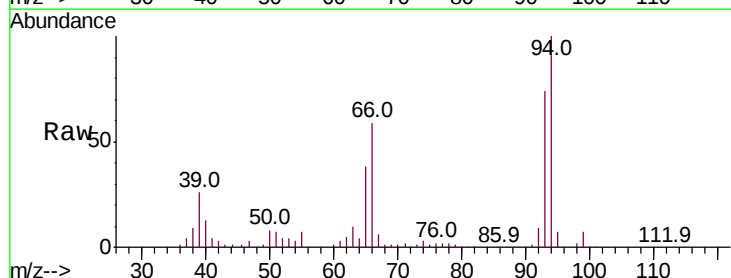
RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

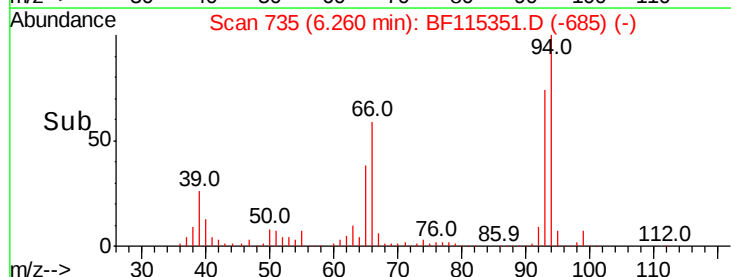
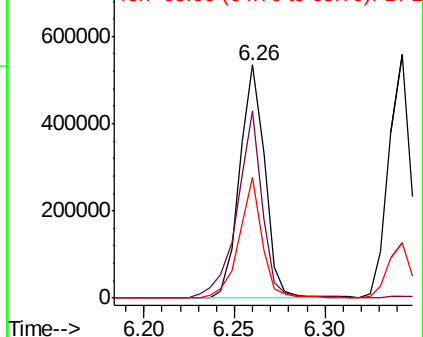
Lab File: BF115351.D

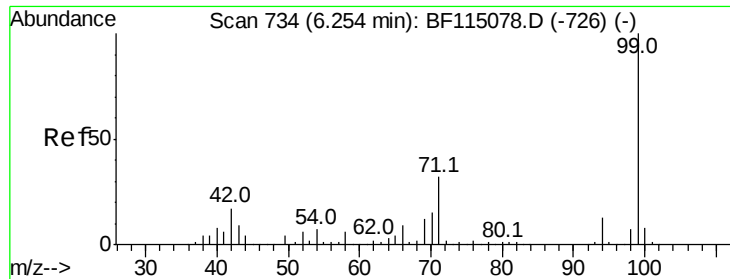
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 516849 |       |       |
| 66      | 80.1  | 53.8   | 80.6  |       |
| 65      | 51.6  | 33.5   | 50.3  |       |



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: 72.907 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

ClientSampleId :

PB121059BS

Tot Ion: 99 Resp: 1073023

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.2

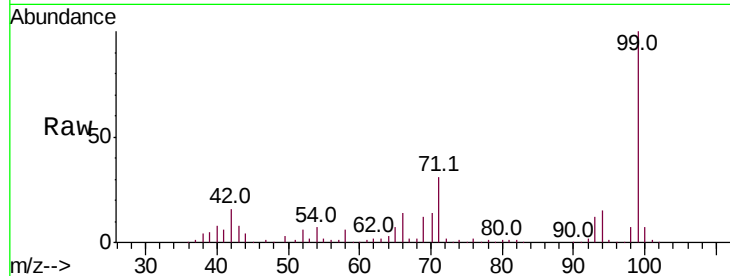
71 31.4 25.4 38.2

Manual Integrations

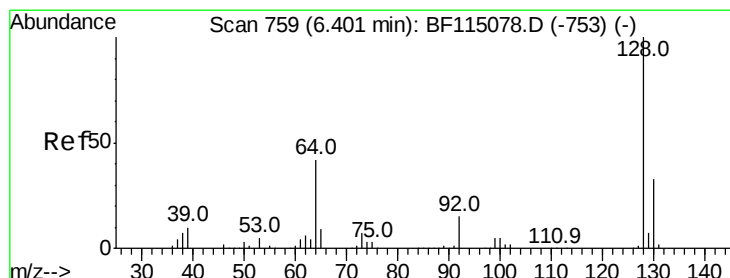
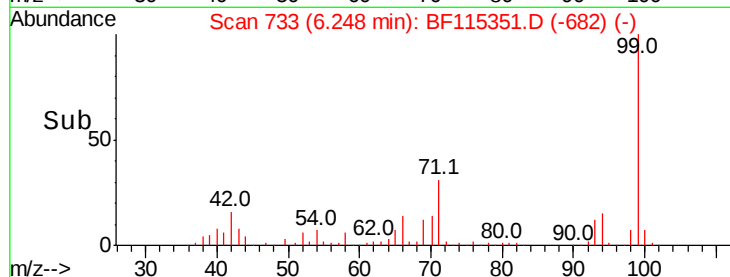
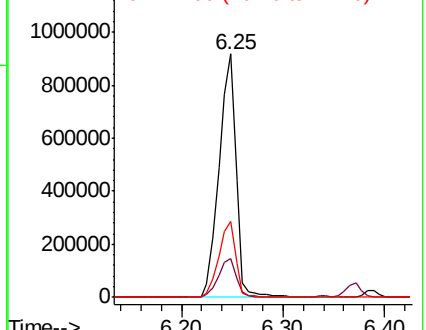
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.770 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

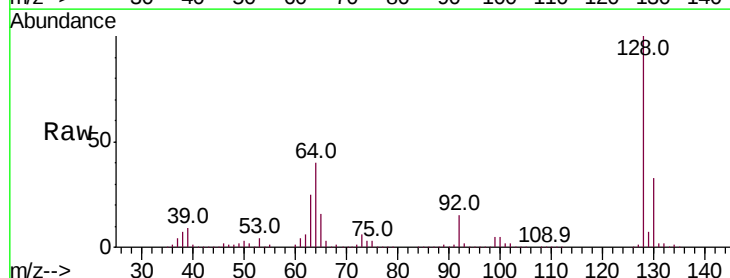
Tgt Ion:128 Resp: 514994

Ion Ratio Lower Upper

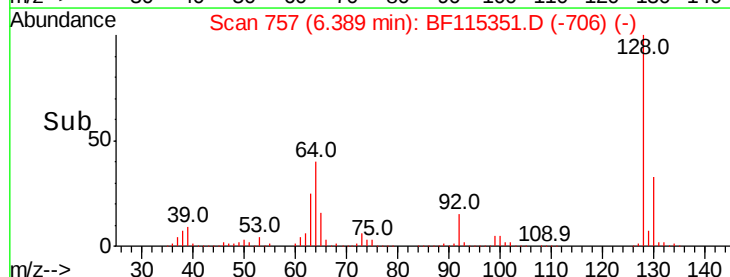
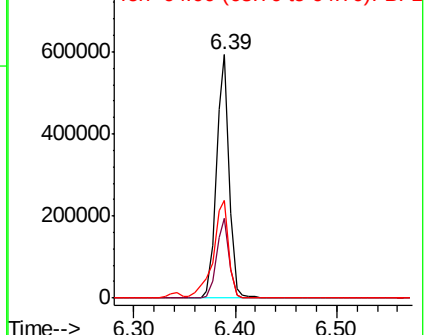
128 100

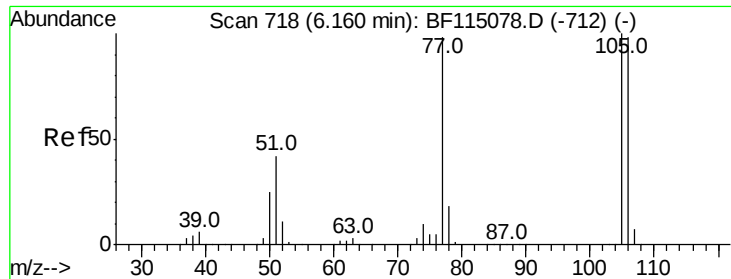
130 32.9 12.8 52.8

64 40.4 22.9 62.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1





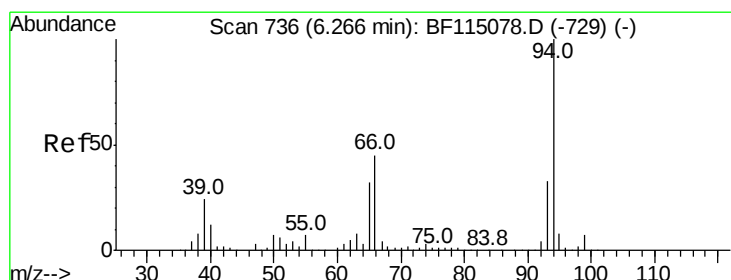
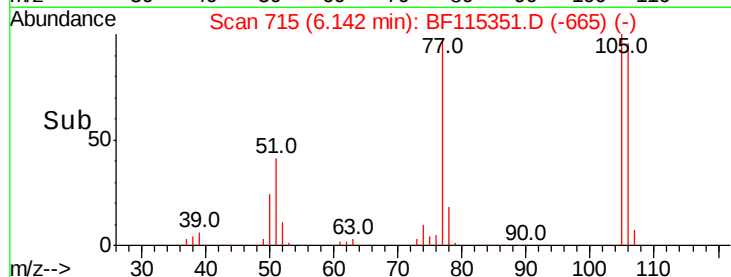
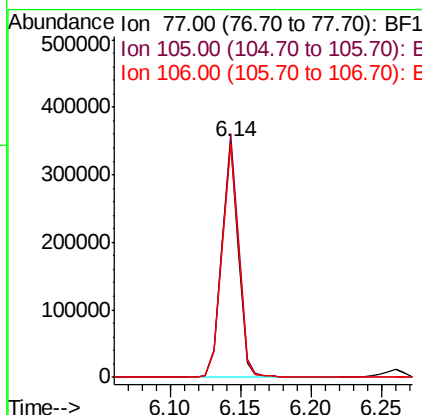
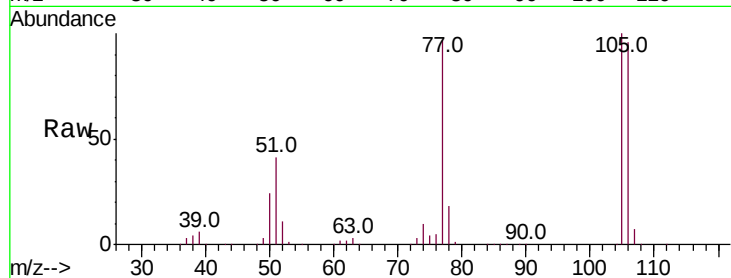
#9  
Benzaldehyde  
Concen: 29.725 ng  
RT: 6.14 min Scan# 715  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 103.3 | 85.2  | 125.2 |
| 106     | 99.0  | 80.8  | 120.8 |

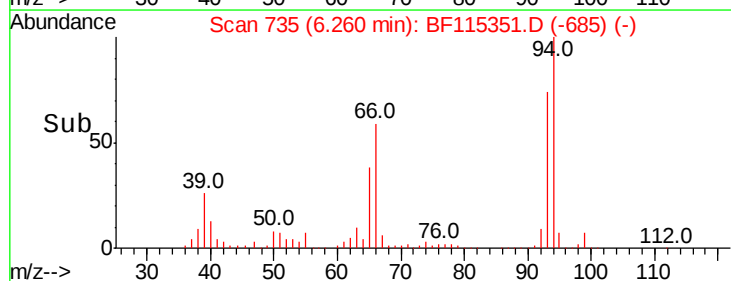
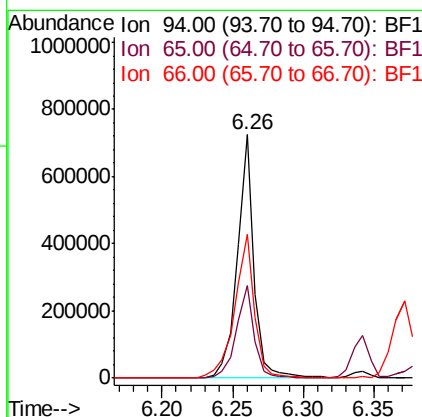
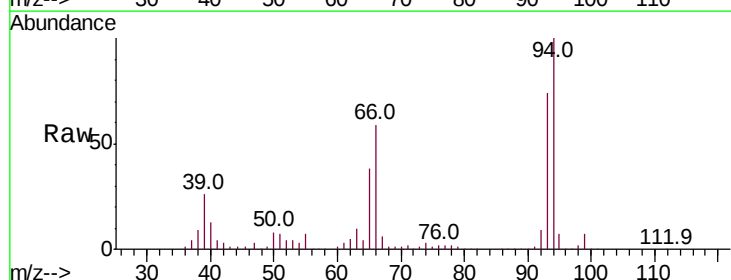
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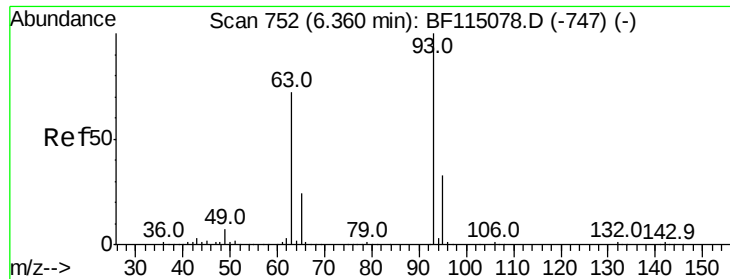
mohammad  
7/3/2019 10:51:24 PM



#10  
Phenol  
Concen: 34.519 ng  
RT: 6.26 min Scan# 735  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 38.0  | 20.9  | 60.9  |
| 66      | 59.1  | 45.4  | 85.4  |





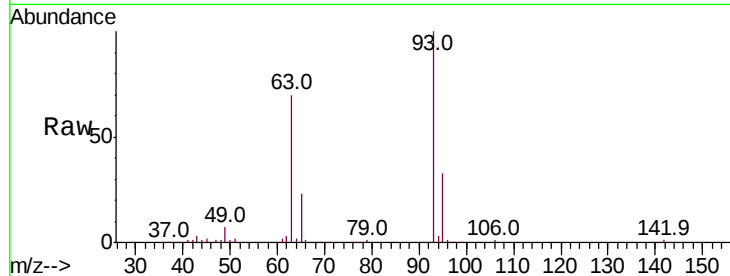
#11  
bis(2-Chloroethyl)ether  
Concen: 35.970 ng  
RT: 6.34 min Scan# 749  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

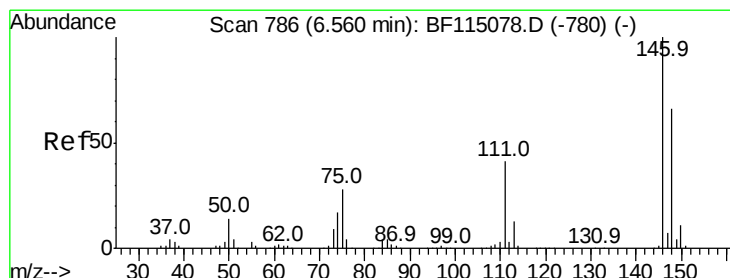
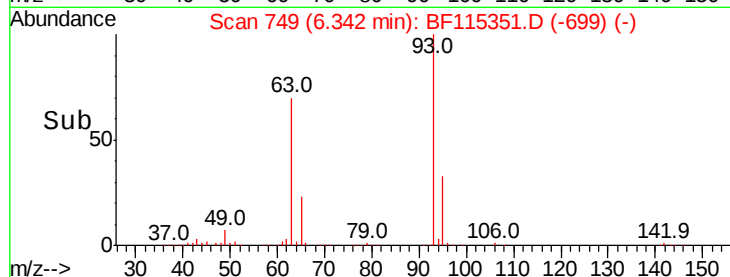
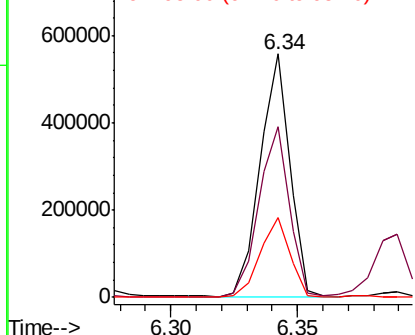
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 457121 |       |       |
| 63      | 70.1  | 49.7   | 89.7  |       |
| 95      | 32.6  | 13.1   | 53.1  |       |

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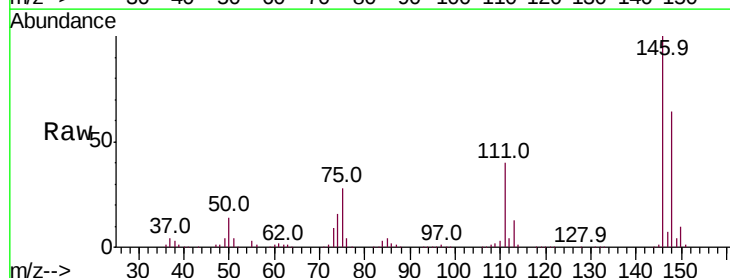


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

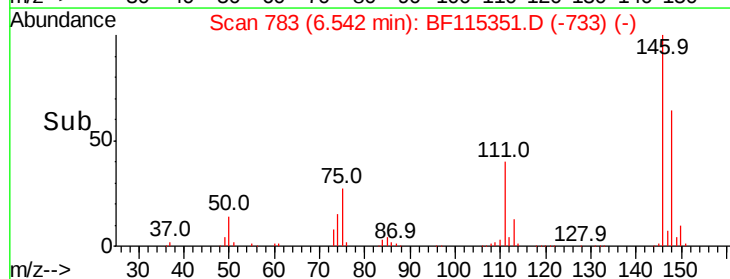
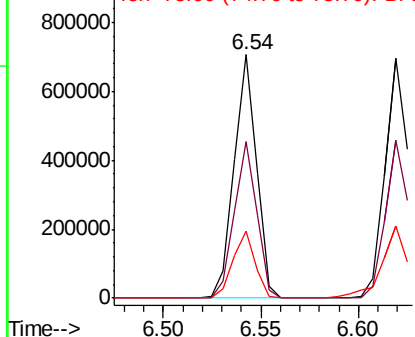


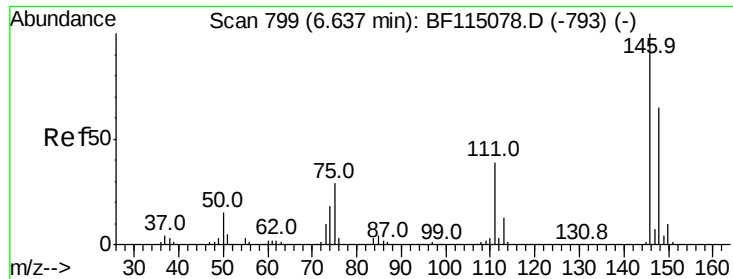
#12  
1,3-Dichlorobenzene  
Concen: 37.236 ng  
RT: 6.54 min Scan# 783  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 563454 |       |       |
| 148     | 64.1  | 52.8   | 79.2  |       |
| 75      | 27.7  | 21.0   | 31.4  |       |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1





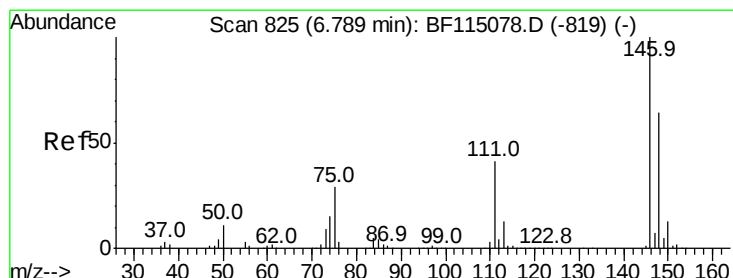
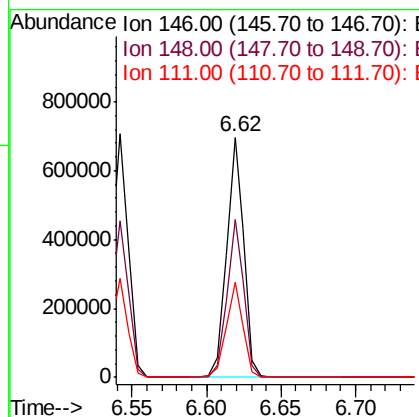
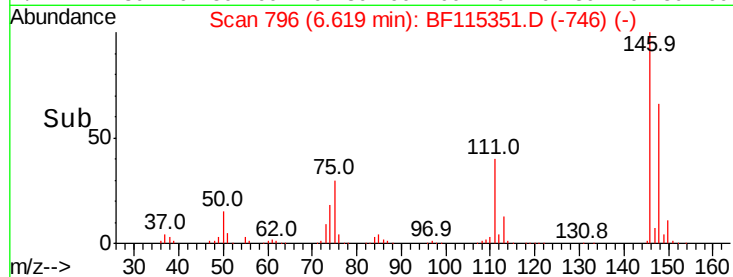
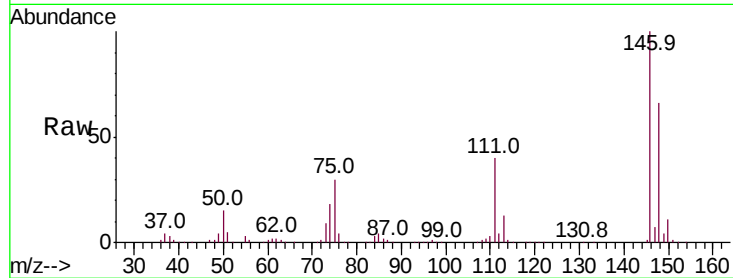
#13  
 1,4-Dichlorobenzene  
 Concen: 37.339 ng  
 RT: 6.62 min Scan# 796  
 Delta R.T. -0.01 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.5  | 52.6  | 79.0  |
| 111     | 39.8  | 30.6  | 45.8  |

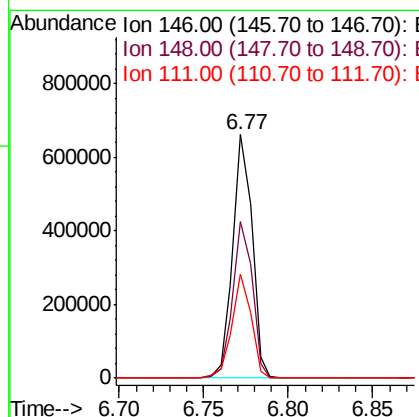
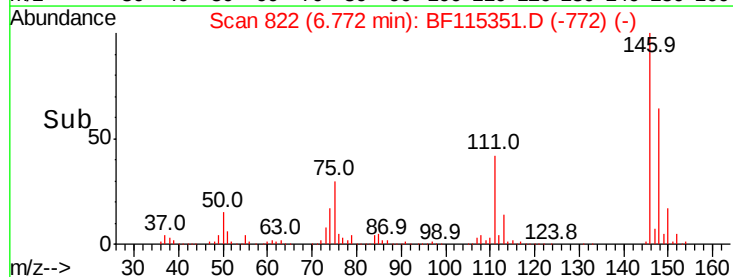
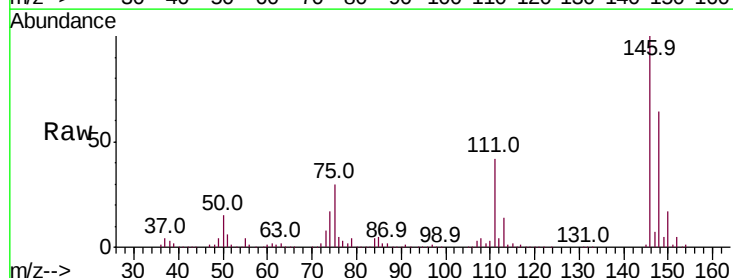
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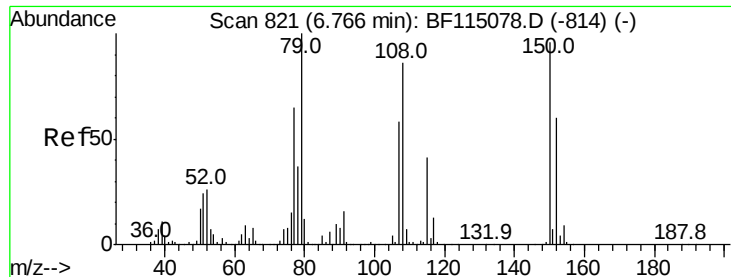
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#14  
 1,2-Dichlorobenzene  
 Concen: 37.520 ng  
 RT: 6.77 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 52.4  | 78.6  |
| 111     | 42.5  | 32.4  | 48.6  |





#15

Benzyl Alcohol

Concen: 25.481 ng

RT: 6.75 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

ClientSampleID :

PB121059BS

Tot Ion: 79 Resp: 273085

Ion Ratio Lower Upper

79 100

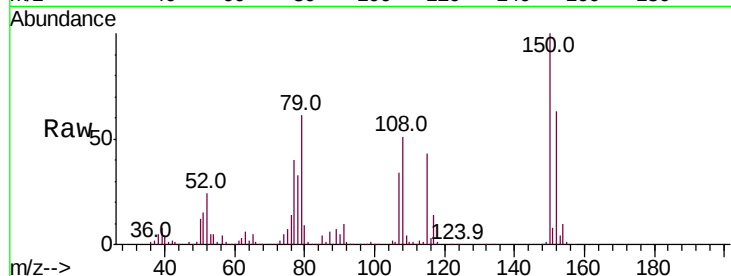
108 83.3 65.6 98.4

77 65.4 51.0 76.6

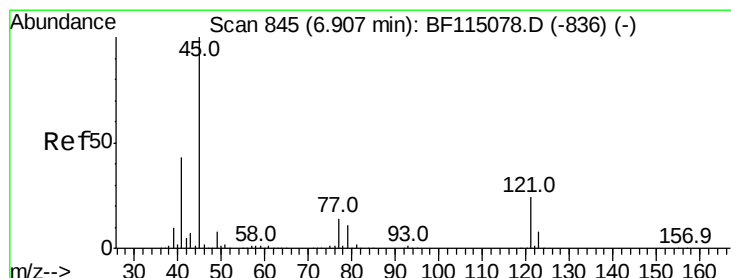
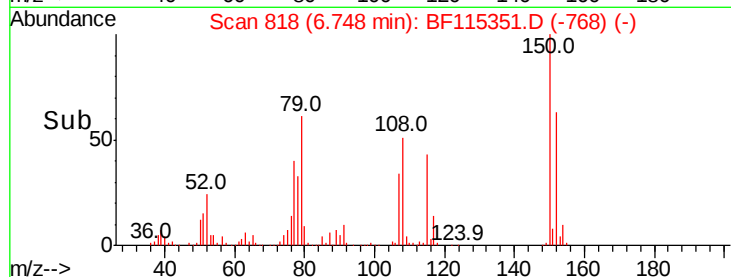
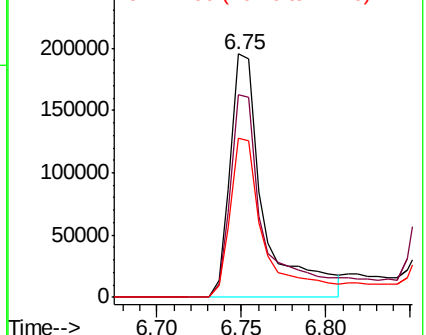
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Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.953 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

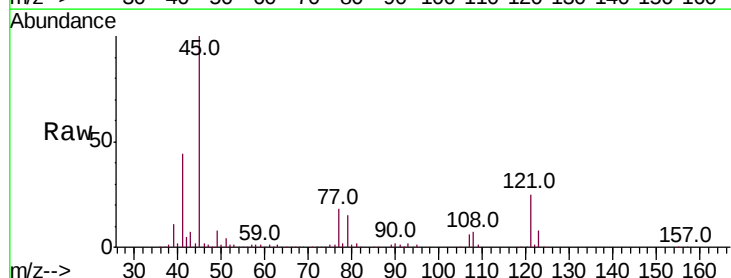
Tgt Ion: 45 Resp: 644246

Ion Ratio Lower Upper

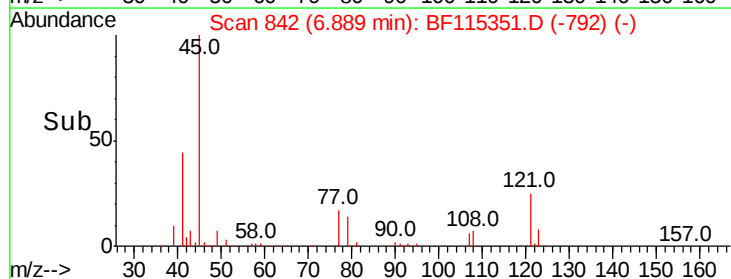
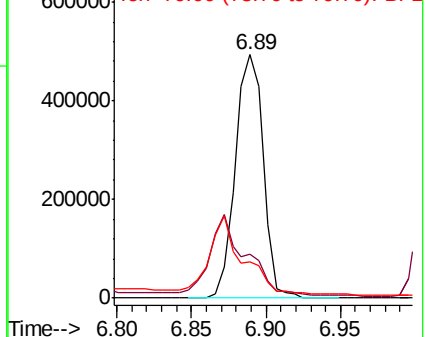
45 100

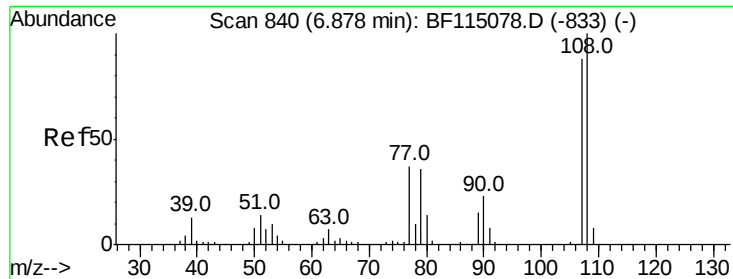
77 17.8 0.0 37.7

79 14.9 0.0 34.9



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





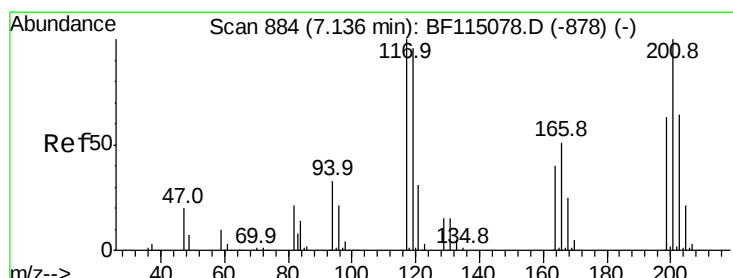
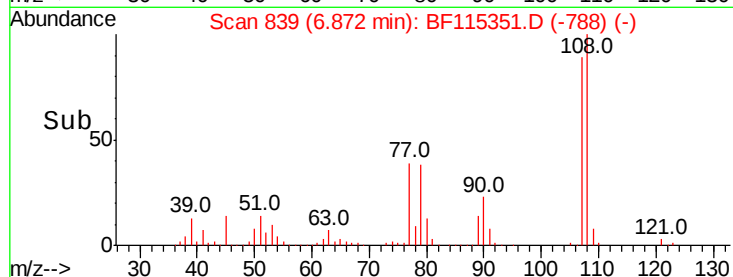
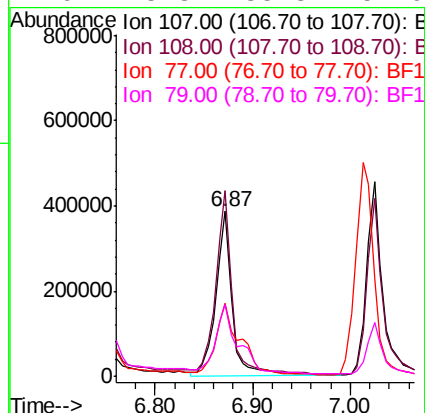
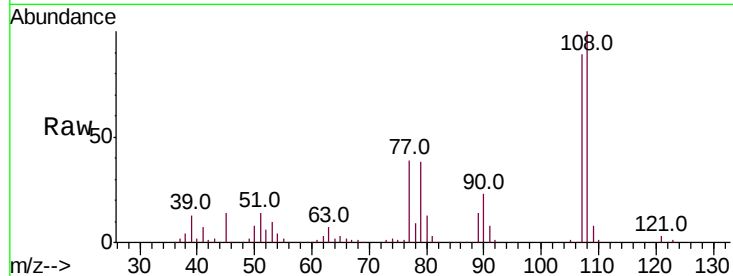
#17  
2-Methylphenol  
Concen: 40.622 ng  
RT: 6.87 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.5 | 91.0 | 136.4 |       |
| 77      | 44.1  | 35.8 | 53.8  |       |
| 79      | 43.3  | 35.3 | 52.9  |       |

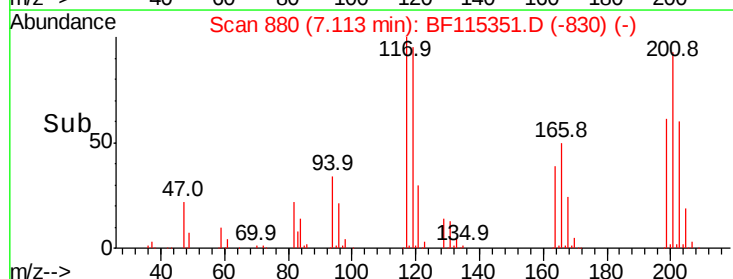
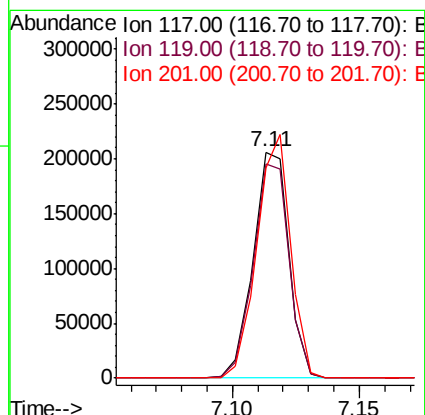
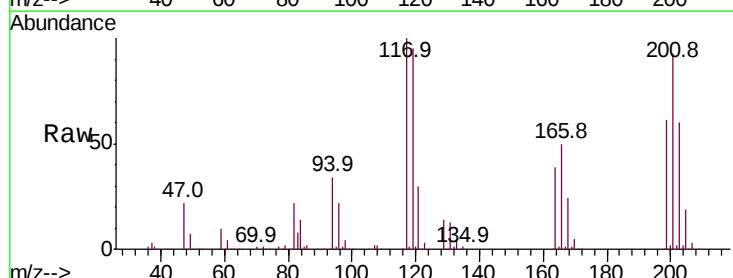
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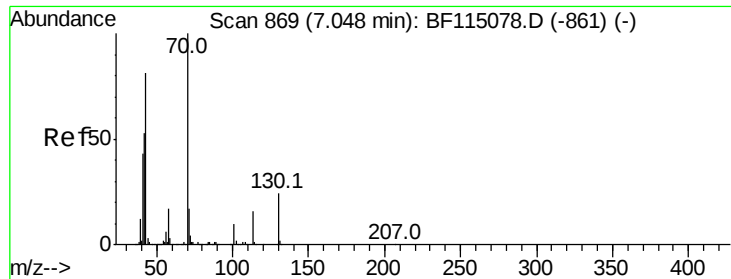
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#18  
Hexachloroethane  
Concen: 36.731 ng  
RT: 7.11 min Scan# 880  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.8  | 76.9 | 115.3 |       |
| 201     | 92.9  | 81.8 | 122.8 |       |





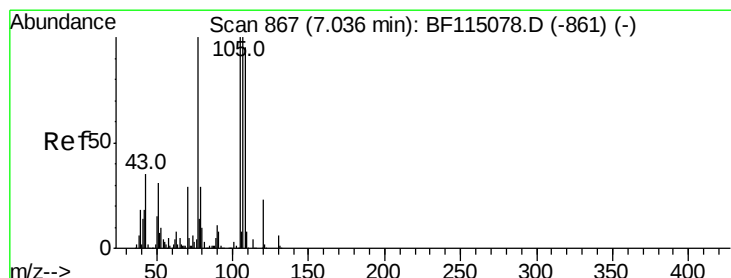
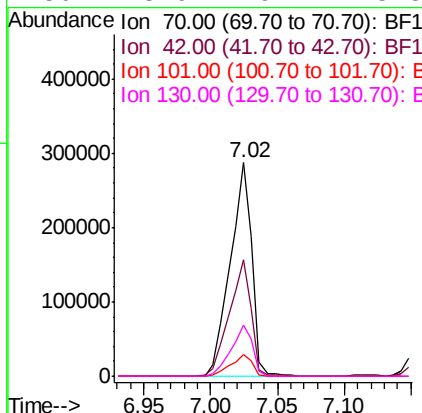
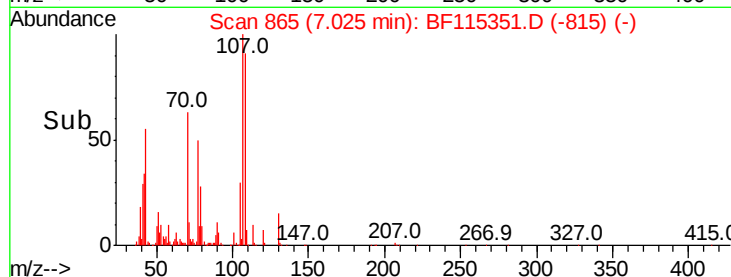
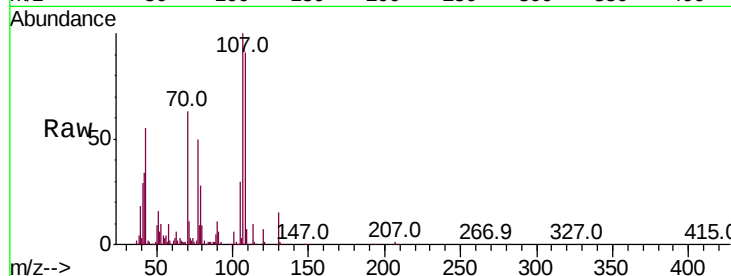
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.791 ng  
RT: 7.02 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 54.4 | 44.3  | 66.5 |       |       |
| 101     | 10.0 | 7.8   | 11.8 |       |       |
| 130     | 23.9 | 19.2  | 28.8 |       |       |

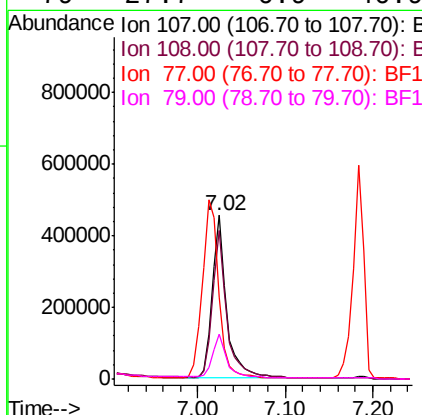
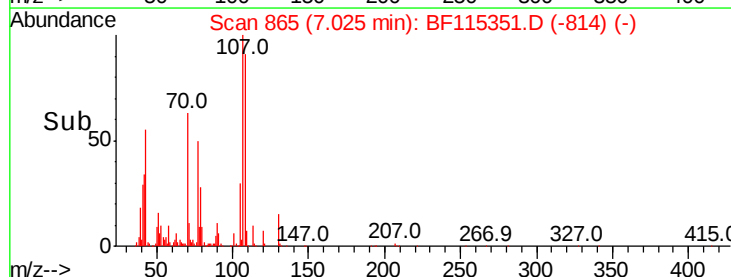
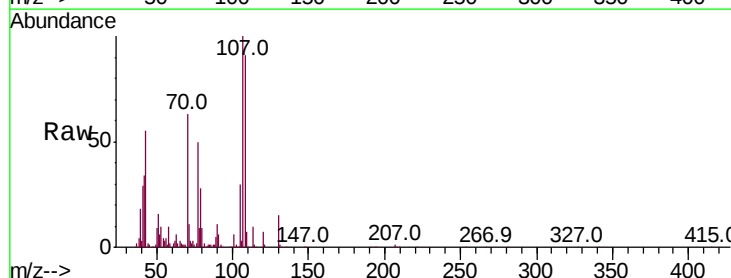
Manual Integrations  
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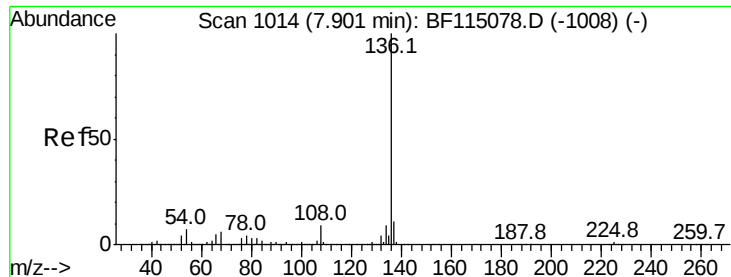
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#20  
3+4-Methylphenols  
Concen: 40.494 ng  
RT: 7.02 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       |        |       |       |
| 108     | 91.2 | 67.9  | 107.9  |       |       |
| 77      | 50.1 | 76.7  | 116.7# |       |       |
| 79      | 27.7 | 6.9   | 46.9   |       |       |





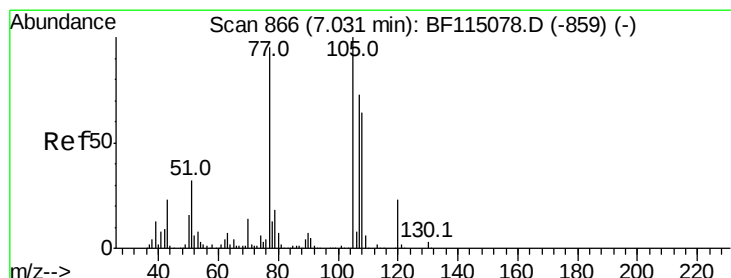
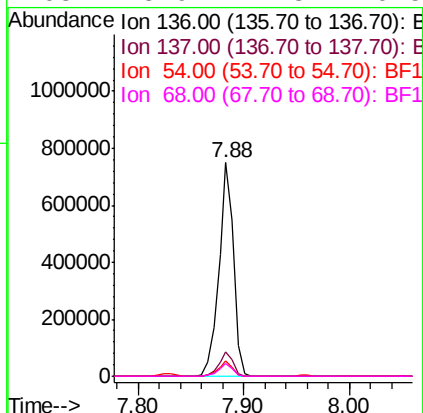
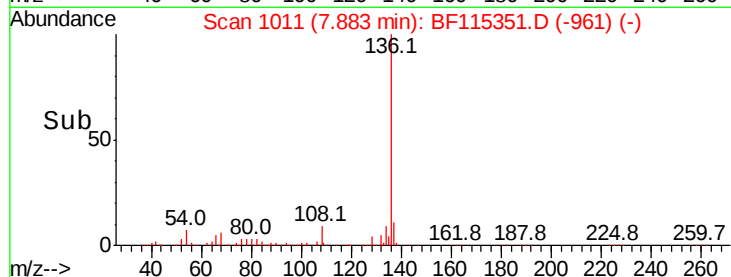
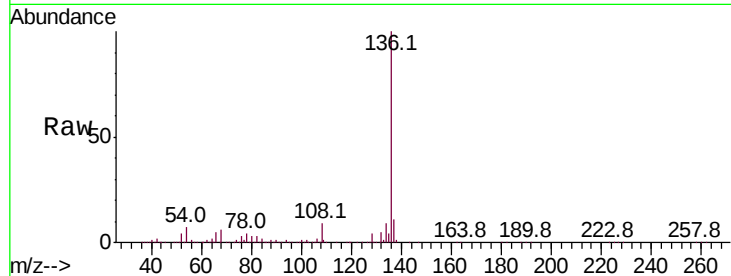
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.88 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.3  | 8.9  | 13.3  |       |
| 54      | 7.1   | 5.1  | 7.7   |       |
| 68      | 5.9   | 4.3  | 6.5   |       |

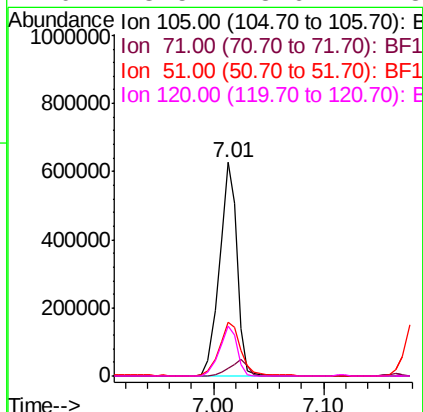
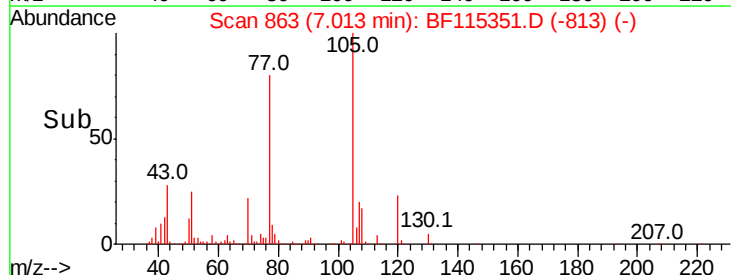
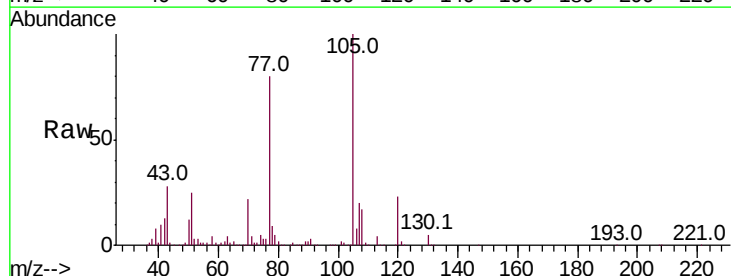
Manual Integrations  
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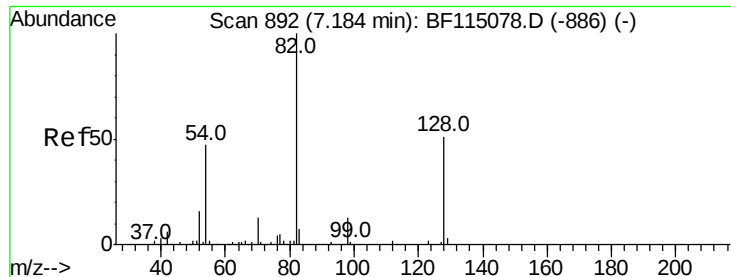
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#22  
Acetophenone  
Concen: 41.015 ng  
RT: 7.01 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 3.5   | 2.2  | 3.4#  |       |
| 51      | 25.4  | 21.1 | 31.7  |       |
| 120     | 23.5  | 18.6 | 27.8  |       |





#23

Nitrobenzene-d5

Concen: 80.486 ng

RT: 7.17 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

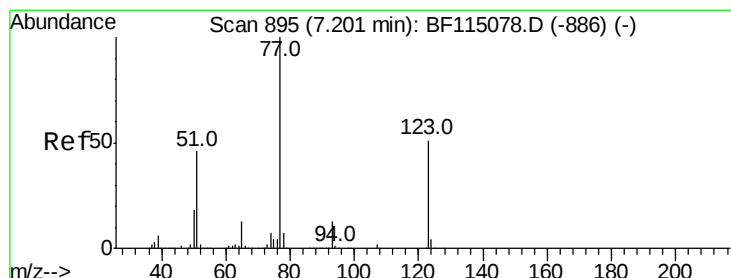
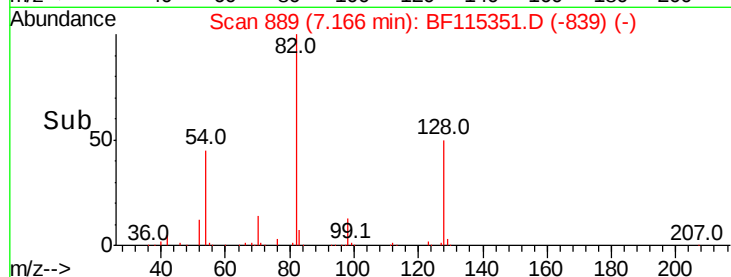
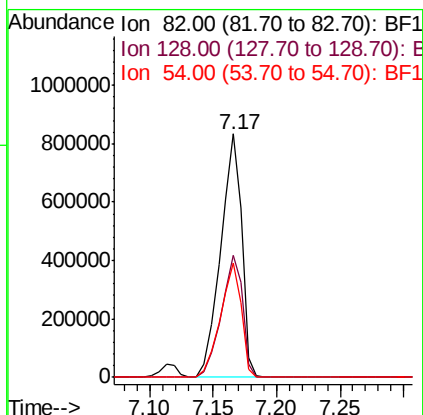
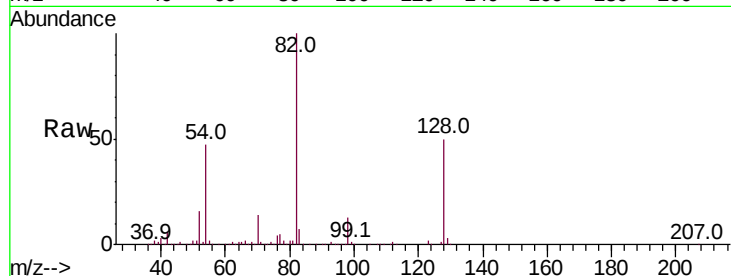
ClientSampled :

PB121059BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 82    | Resp: | 960249 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 50.2  | 40.8  | 61.2   |
| 54       | 46.8  | 37.0  | 55.4   |

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#24

Nitrobenzene

Concen: 39.232 ng

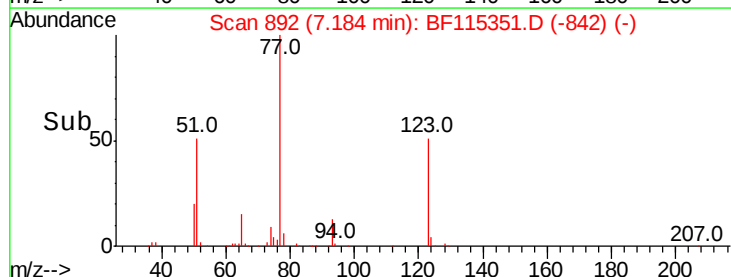
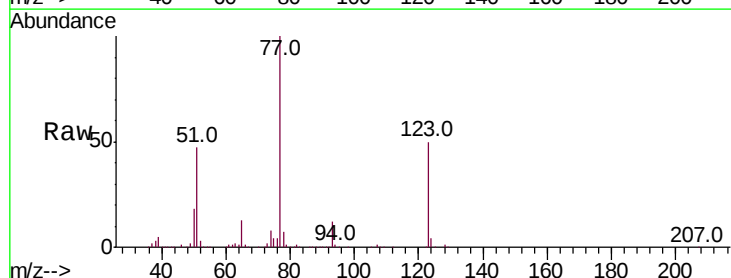
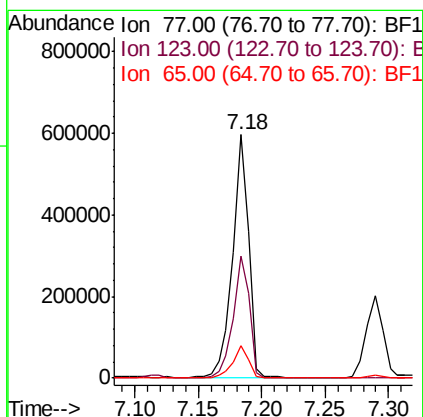
RT: 7.18 min Scan# 892

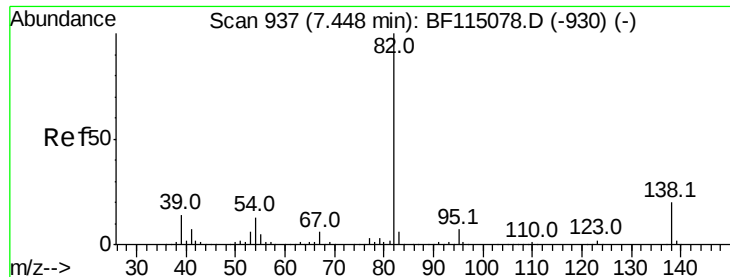
Delta R.T. -0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 515650 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 50.0  | 41.8  | 62.8   |
| 65       | 13.1  | 10.7  | 16.1   |





#25

Isophorone

Concen: 37.402 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

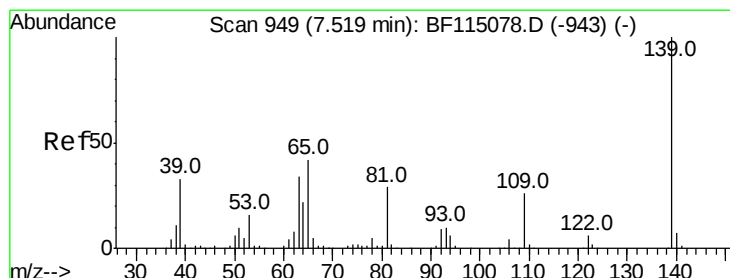
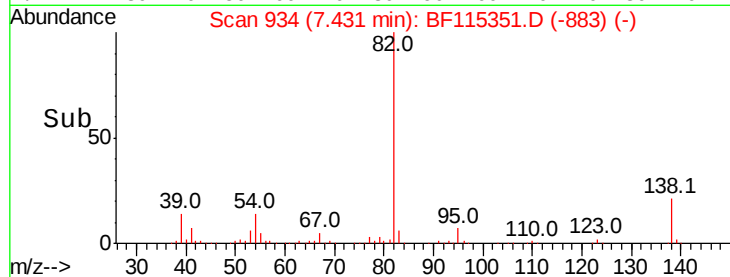
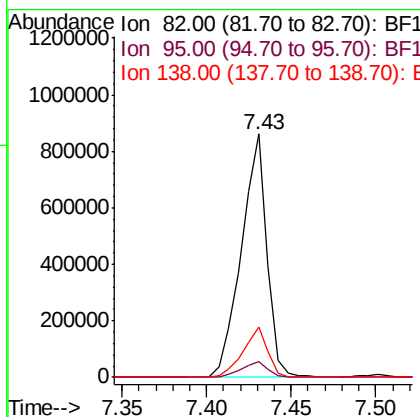
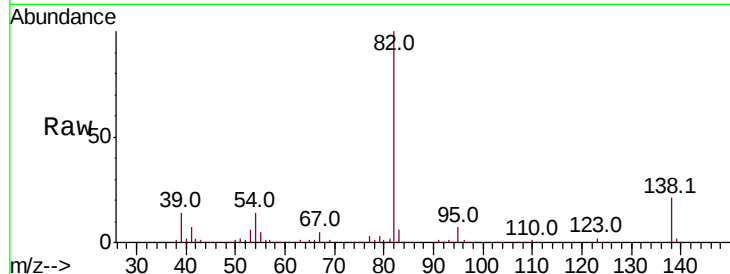
ClientSampleId :

PB121059BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 914116 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.7   | 5.4   | 8.2    |
| 138       | 20.5  | 15.4  | 23.2   |

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#26

2-Nitrophenol

Concen: 44.158 ng

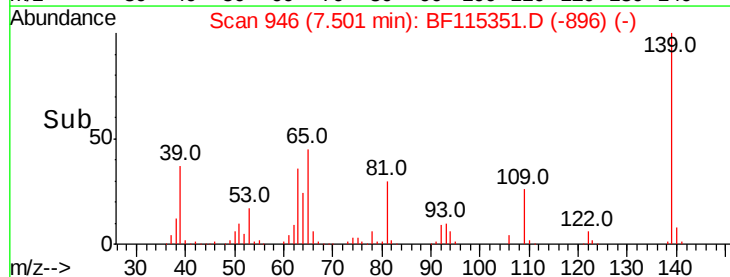
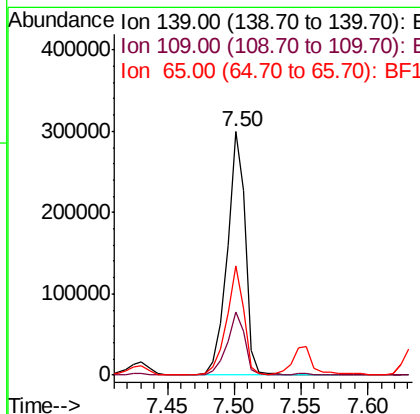
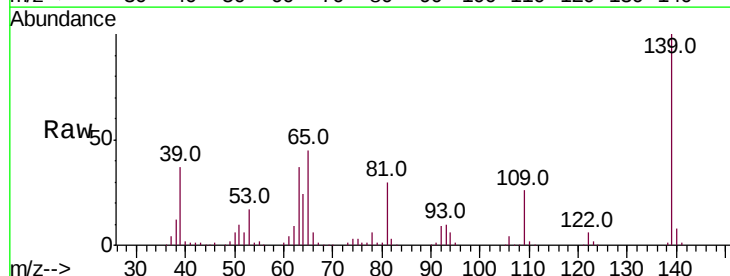
RT: 7.50 min Scan# 946

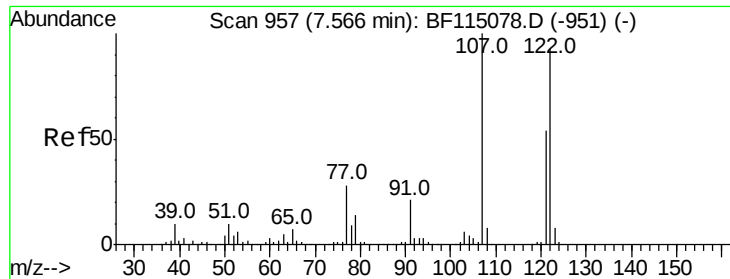
Delta R.T. -0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 286627 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.1  | 20.1  | 30.1   |
| 65        | 44.9  | 31.4  | 47.0   |





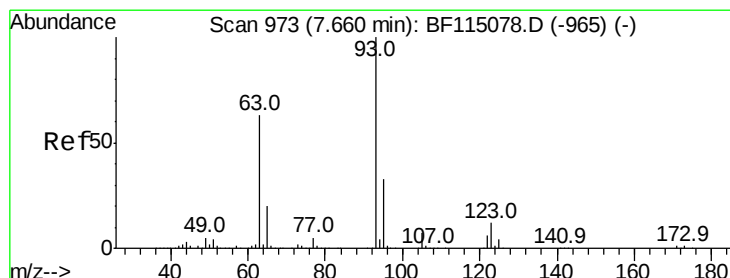
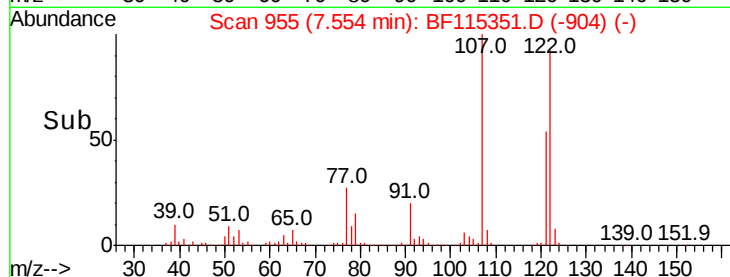
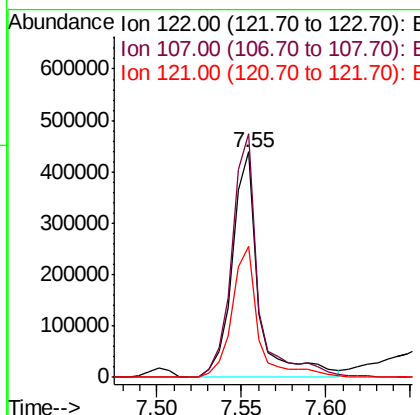
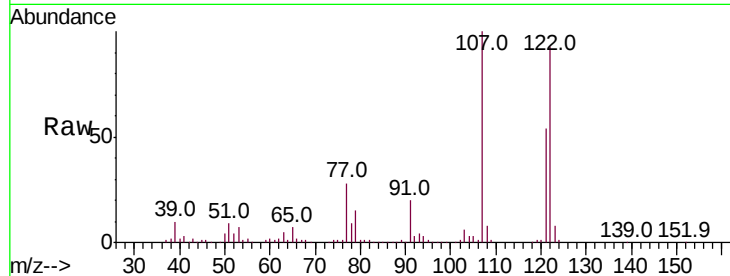
#27  
2,4-Dimethylphenol  
Concen: 44.709 ng  
RT: 7.55 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 108.0 | 86.7  | 130.1 |
| 121     | 58.0  | 47.2  | 70.8  |

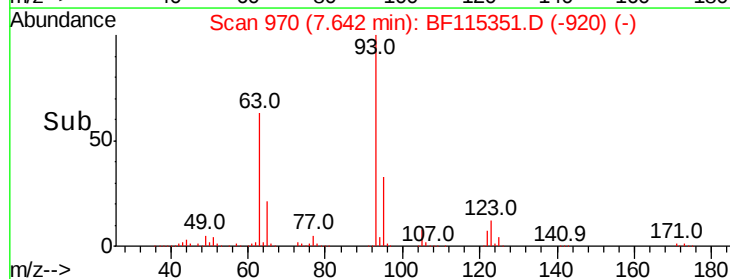
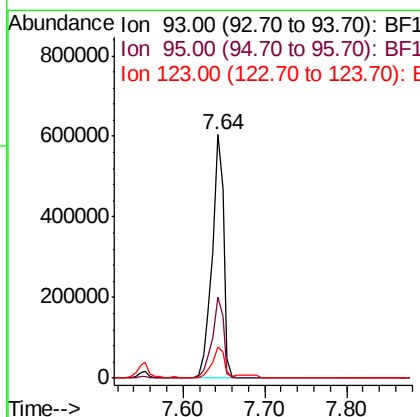
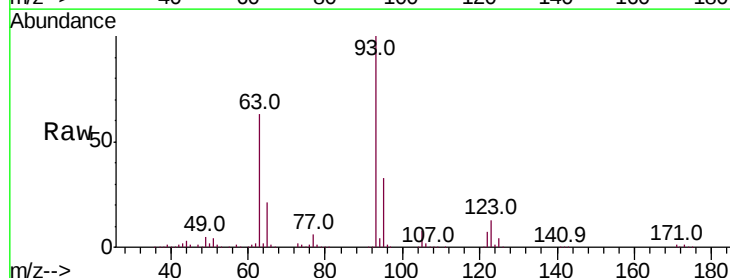
Manual Integrations  
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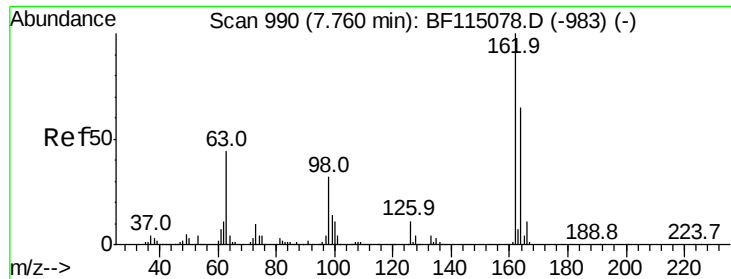
mohammad  
7/3/2019 10:51:24 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.666 ng  
RT: 7.64 min Scan# 970  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 26.2  | 39.4  |
| 123     | 12.5  | 9.9   | 14.9  |





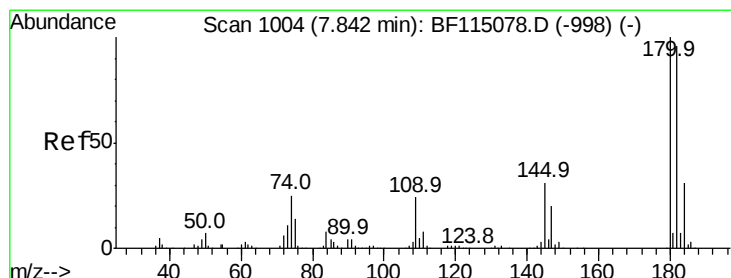
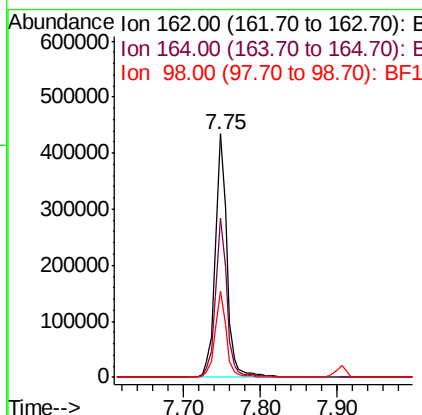
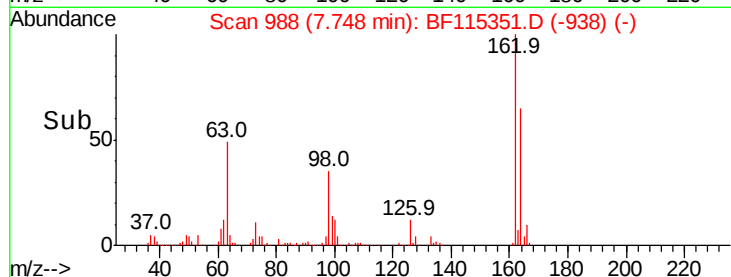
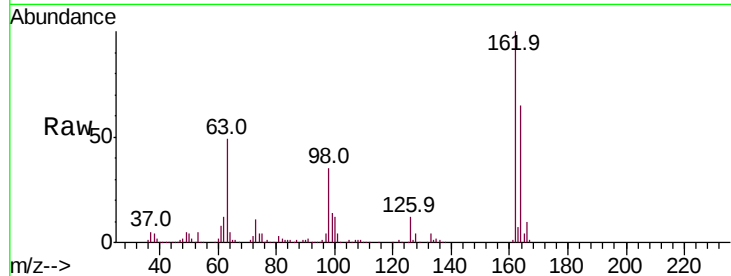
#29  
2,4-Dichlorophenol  
Concen: 40.988 ng  
RT: 7.75 min Scan# 988  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 65.4  | 45.4       | 85.4  |
| 98      | 35.2  | 12.1       | 52.1  |

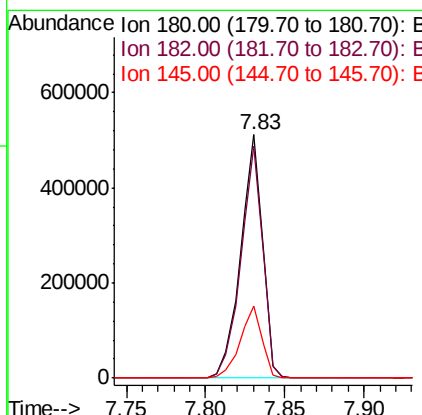
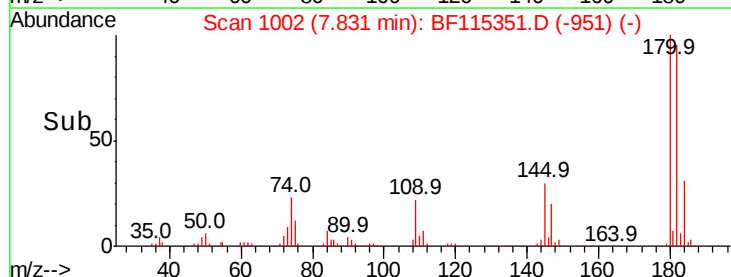
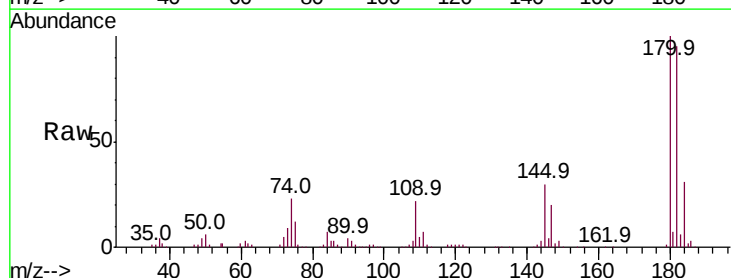
Manual Integrations  
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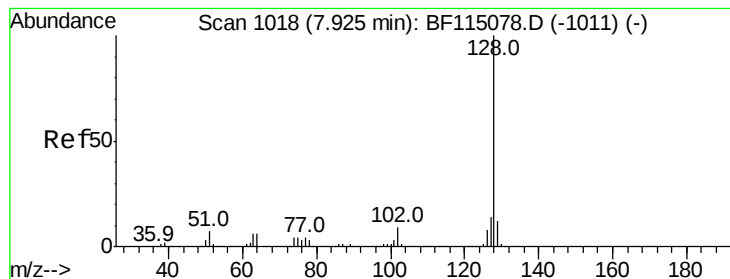
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.123 ng  
RT: 7.83 min Scan# 1002  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.3  | 76.9       | 115.3 |
| 145     | 29.8  | 24.8       | 37.2  |





#31

Naphthalene

Concen: 40.796 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

ClientSampleId :

PB121059BS

Tot Ion:128 Resp: 1469705

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

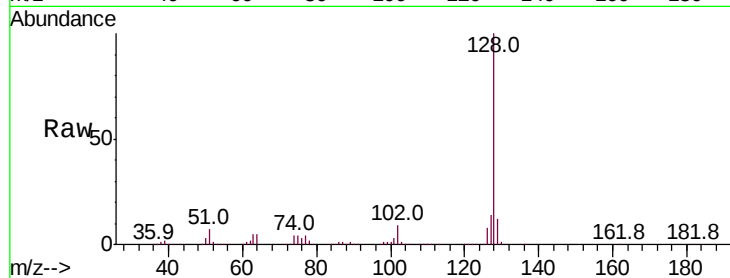
127 14.0 11.1 16.7

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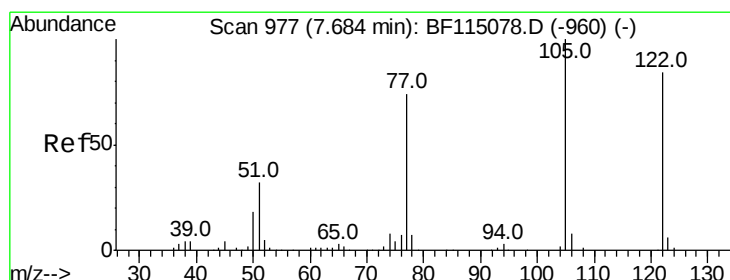
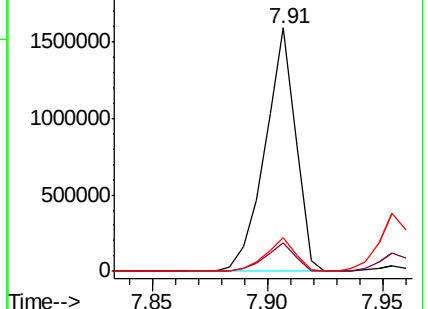
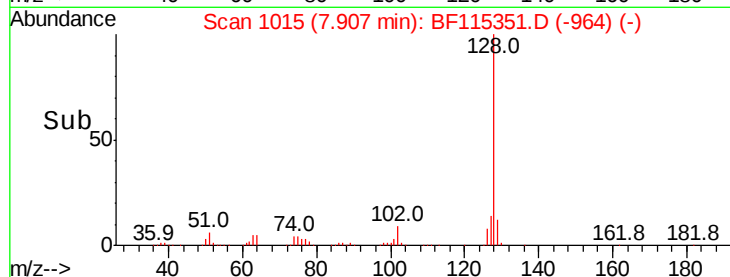
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.057 ng

RT: 7.68 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

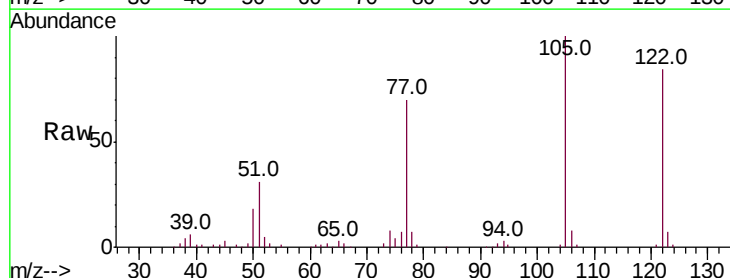
Tgt Ion:122 Resp: 303878

Ion Ratio Lower Upper

122 100

105 119.0 98.1 138.1

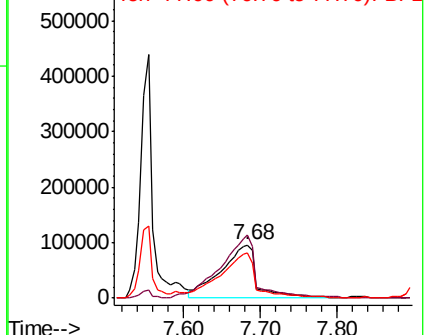
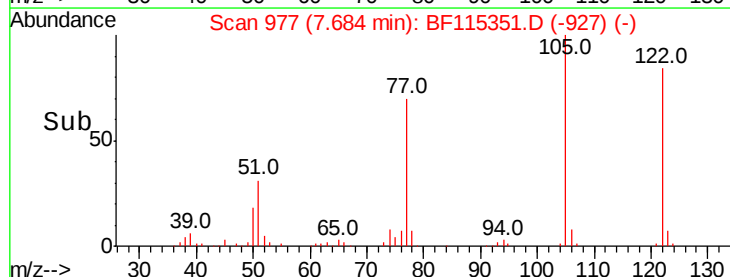
77 83.6 67.0 107.0

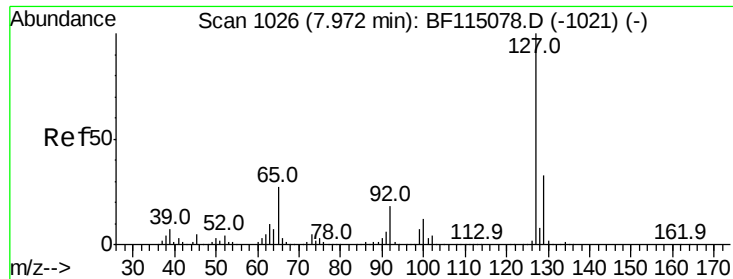


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





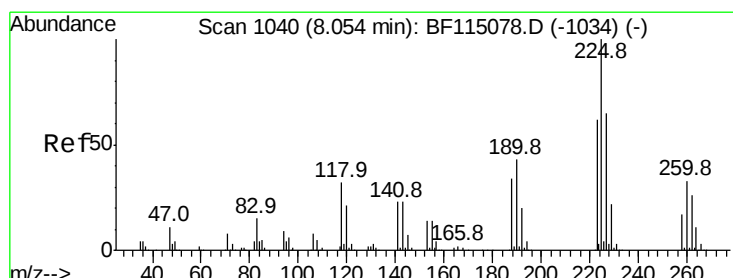
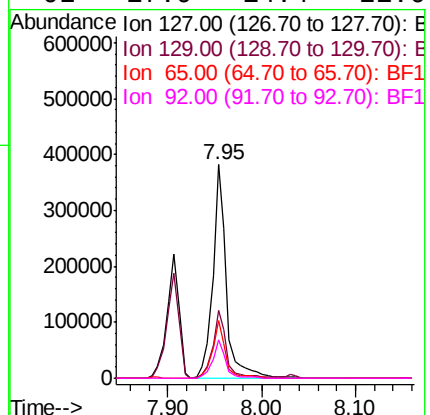
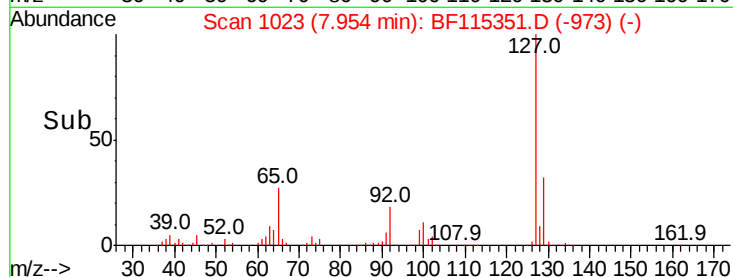
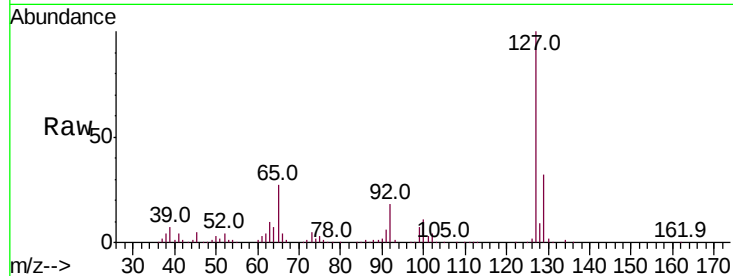
#33  
4-Chloroaniline  
Concen: 23.635 ng  
RT: 7.95 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.1 | 26.0  | 39.0 |       |       |
| 65      | 27.2 | 21.3  | 31.9 |       |       |
| 92      | 17.9 | 14.4  | 21.6 |       |       |

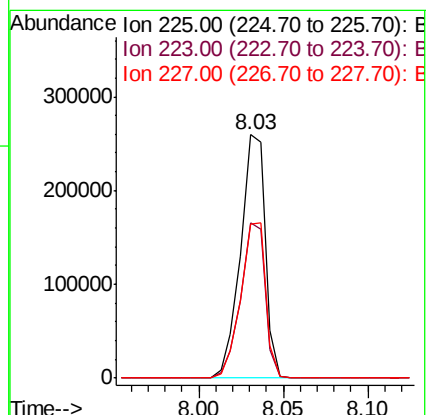
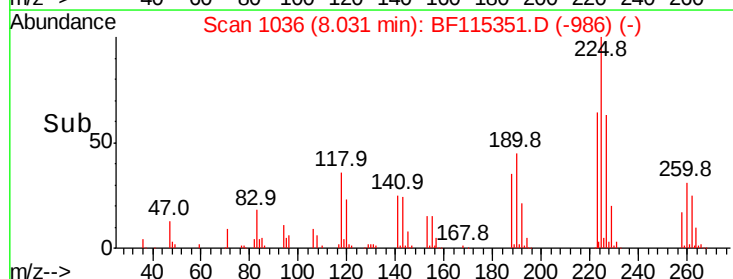
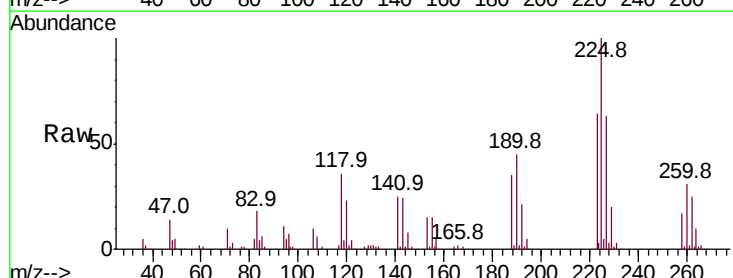
Manual Integrations  
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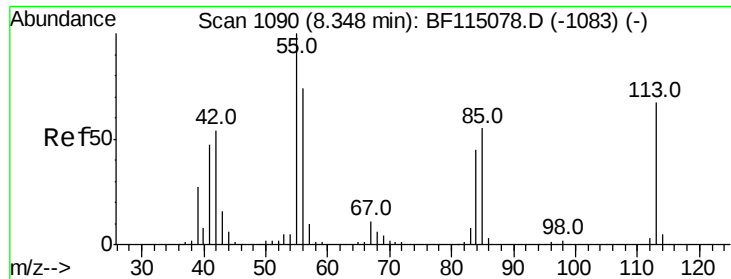
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 39.986 ng  
RT: 8.03 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.8 | 50.4  | 75.6 |       |       |
| 227     | 63.4 | 52.3  | 78.5 |       |       |





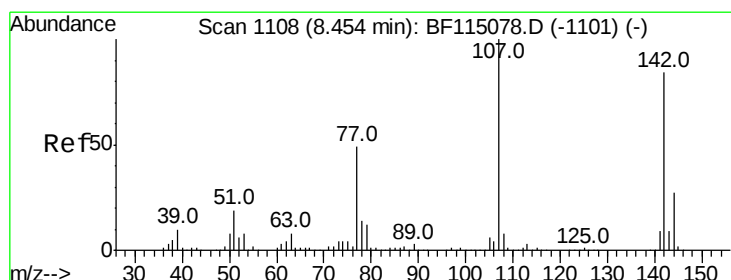
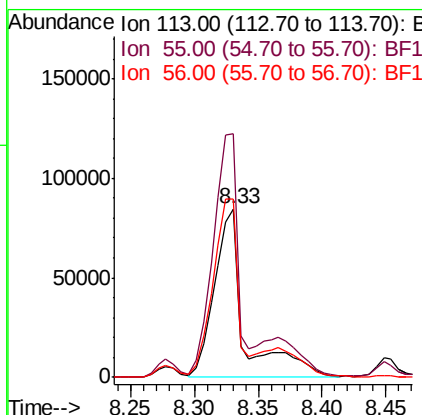
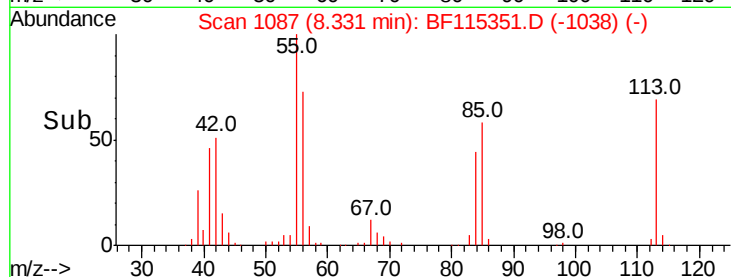
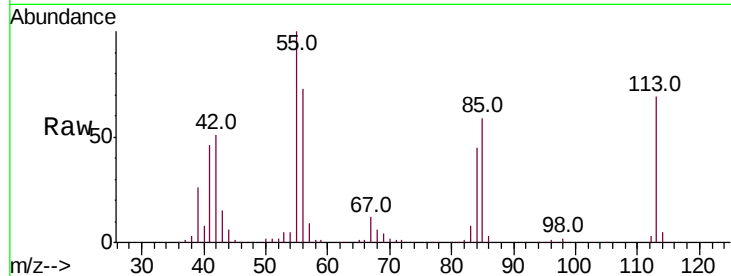
#35  
Caprolactam  
Concen: 37.521 ng/ml  
RT: 8.33 min Scan# 1087  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 144.3 | 125.9 | 165.9 |
| 56      | 105.8 | 88.3  | 128.3 |

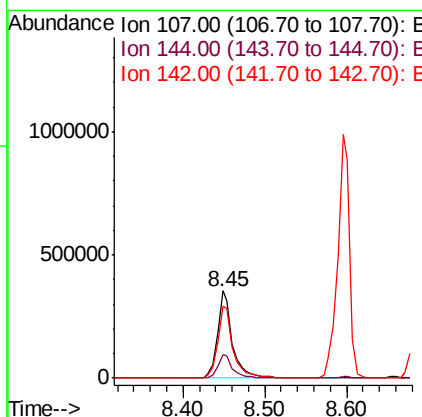
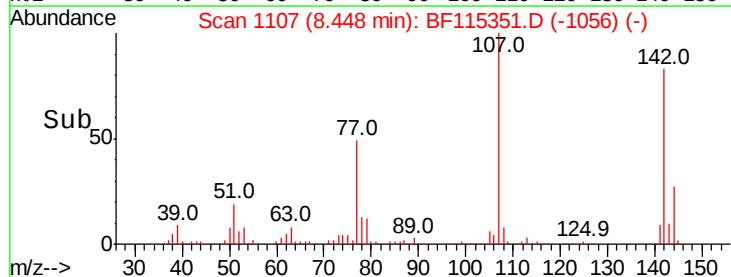
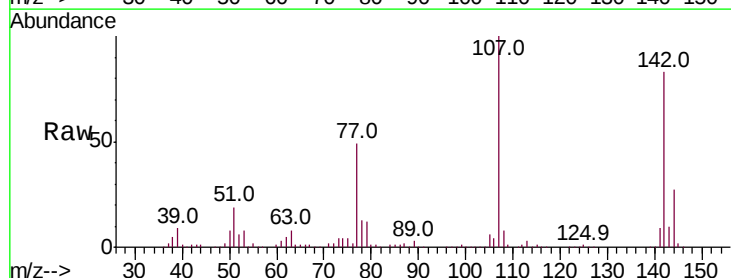
Manual Integrations  
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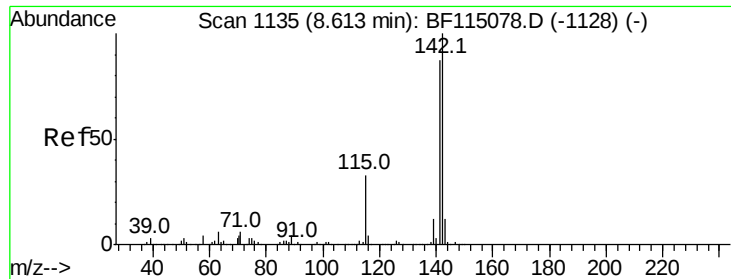
mohammad  
7/3/2019 10:51:24 PM



#36  
4-Chloro-3-methylphenol  
Concen: 40.395 ng/ml  
RT: 8.45 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.8  | 21.4  | 32.0  |
| 142     | 83.4  | 66.6  | 99.8  |





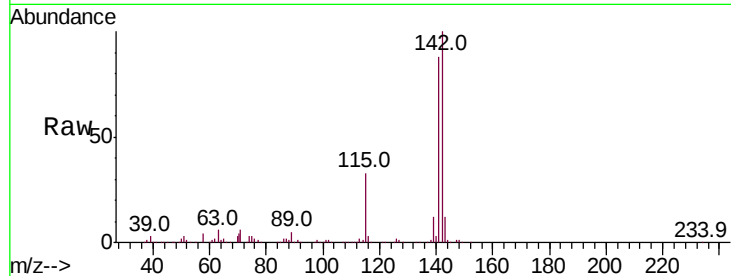
#37  
2-Methylnaphthalene  
Concen: 41.564 ng  
RT: 8.60 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.0  | 70.4  | 105.6 |
| 115     | 33.1  | 25.9  | 38.9  |

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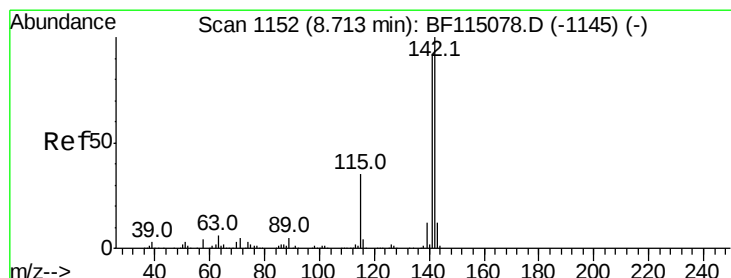
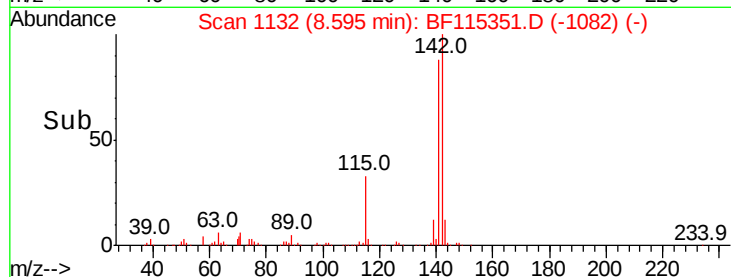
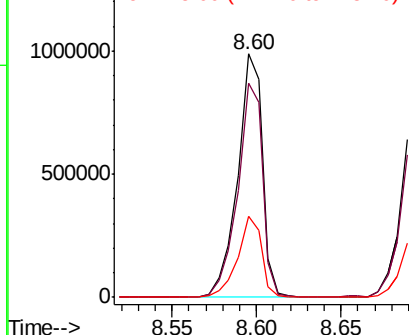


Abundance

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: 40.458 ng  
RT: 8.70 min Scan# 1149  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

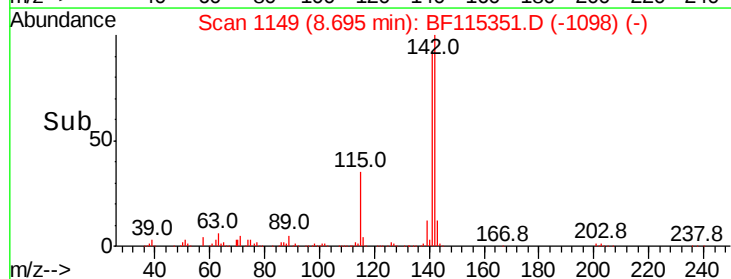
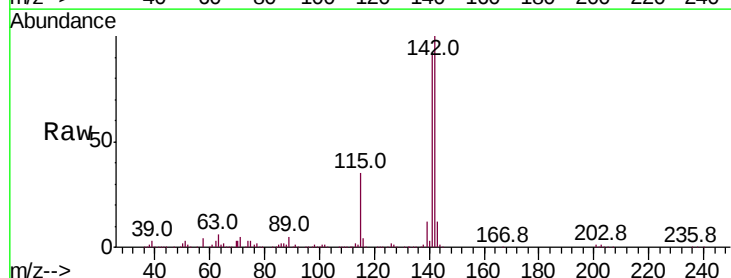
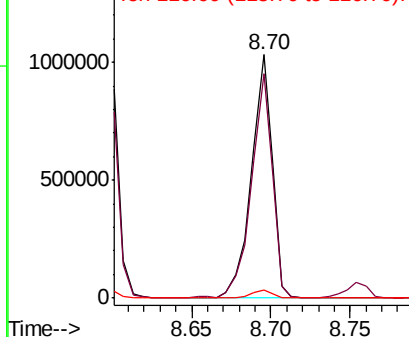
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 73.5  | 110.3 |
| 116     | 3.6   | 3.0   | 4.6   |

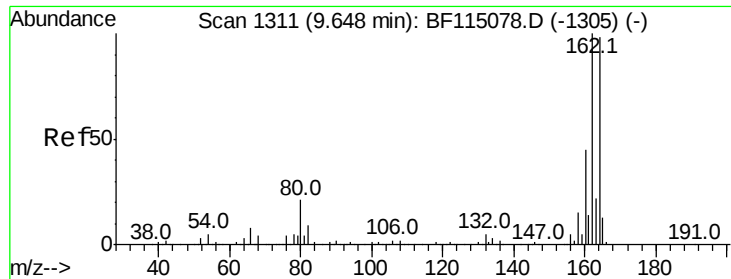
Abundance

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





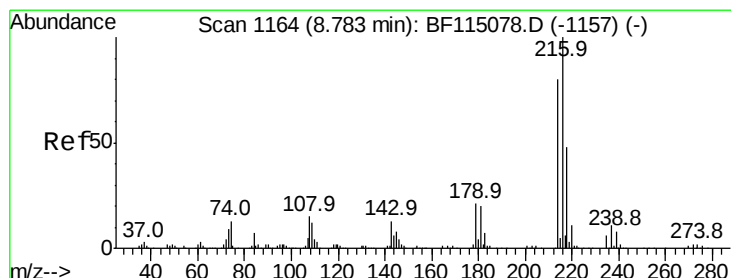
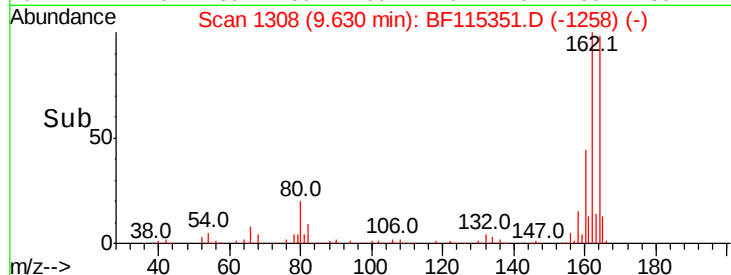
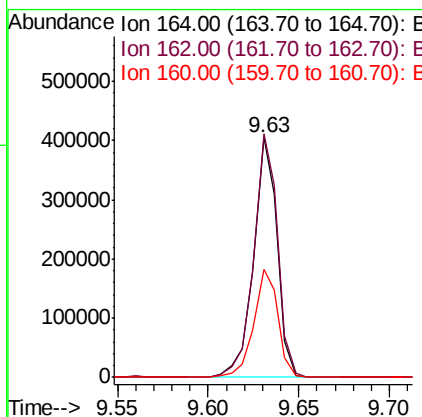
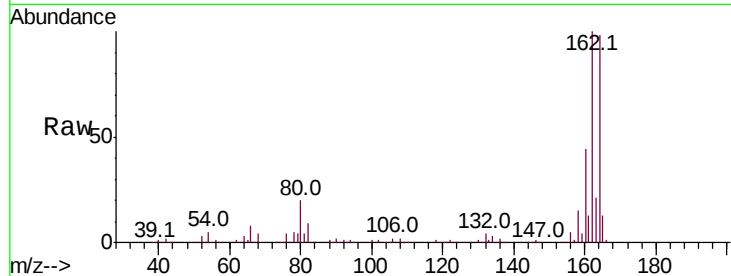
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.63 min Scan# 1308  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.7 | 82.0  | 123.0 |
| 160     | 45.1  | 37.0  | 55.6  |

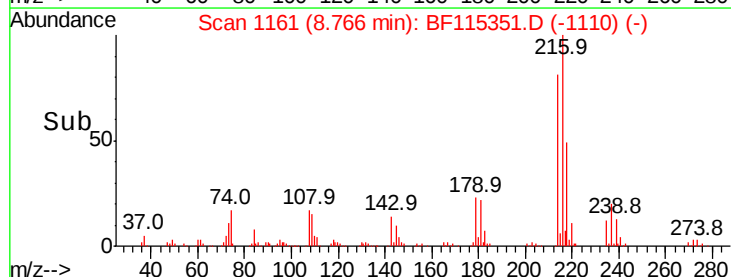
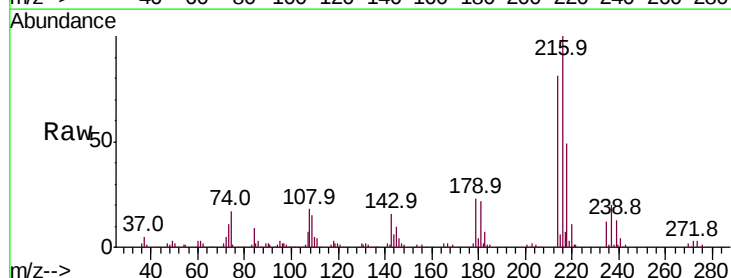
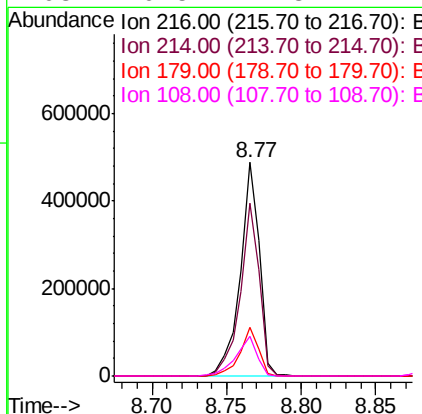
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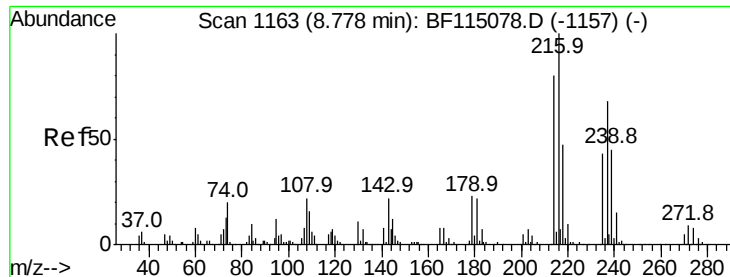
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.612 ng  
RT: 8.77 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.8  | 63.9  | 95.9  |
| 179     | 22.2  | 17.8  | 26.8  |
| 108     | 20.5  | 14.8  | 22.2  |





#41

Hexachlorocyclopentadiene

Concen: 83.622 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

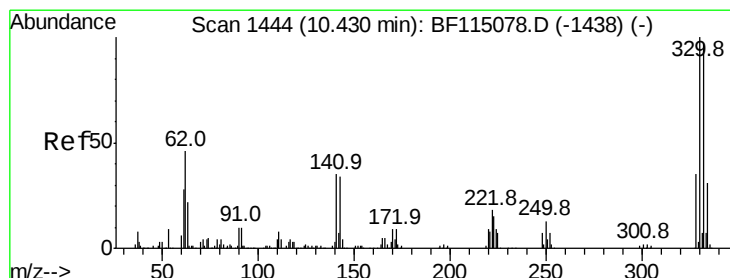
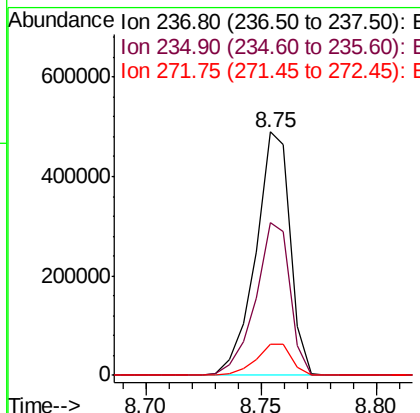
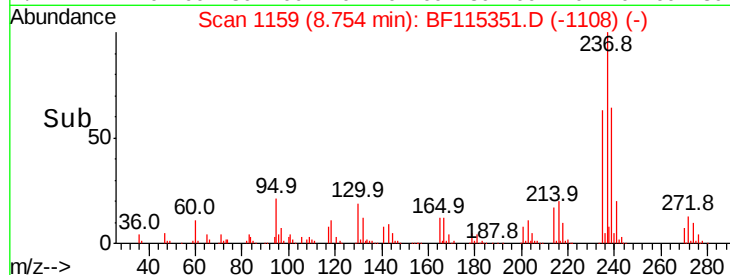
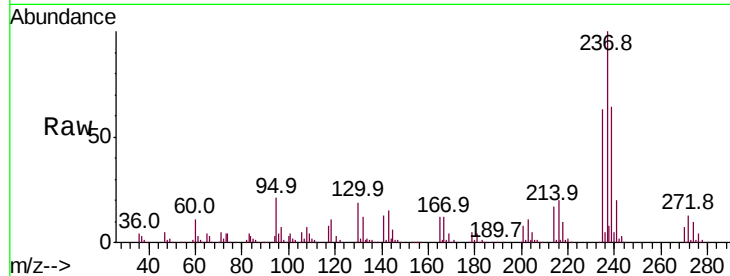
ClientSampleId :

PB121059BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 508793 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.0  | 42.6  | 82.6   |
| 272       | 12.7  | 0.0   | 32.3   |

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#42

2,4,6-Tribromophenol

Concen: 87.706 ng

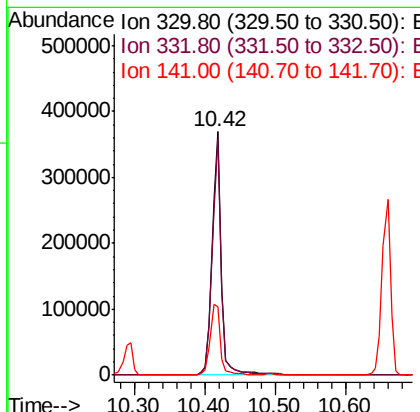
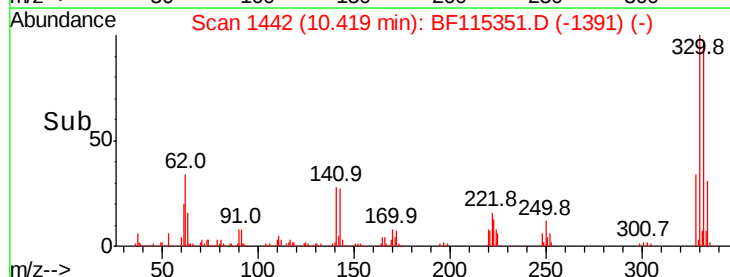
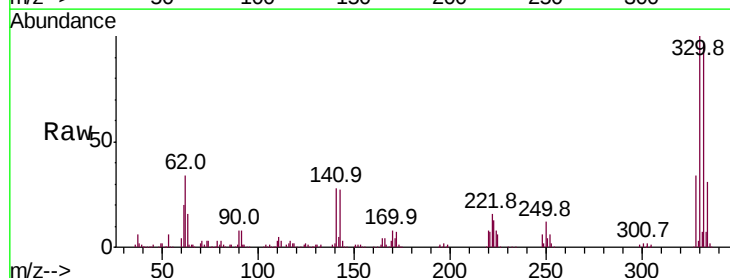
RT: 10.42 min Scan# 1442

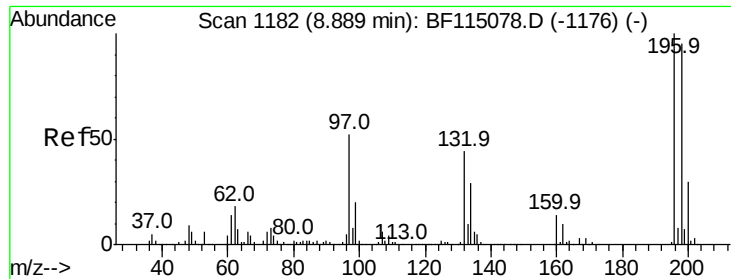
Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 335843 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.6  | 77.0  | 115.6  |
| 141       | 32.4  | 25.4  | 38.2   |





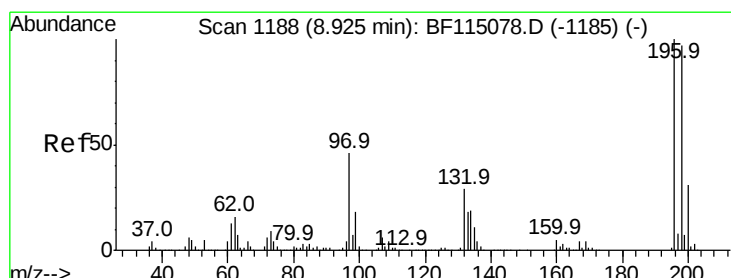
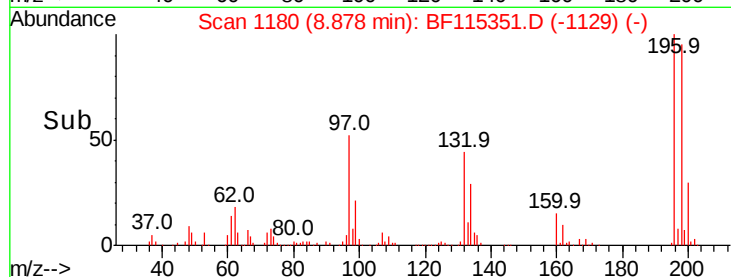
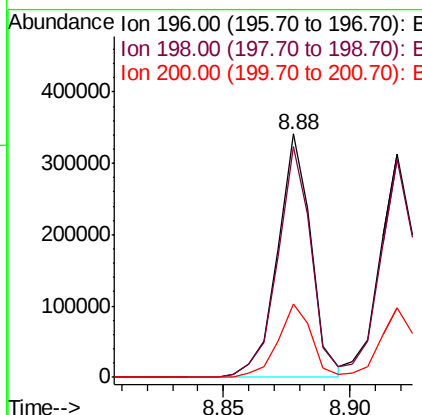
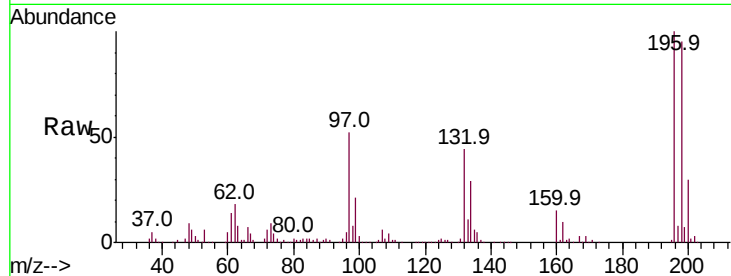
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.677 ng  
 RT: 8.88 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 314318 |       |       |
| 198     | 94.9  | 75.6   | 113.4 |       |
| 200     | 30.2  | 24.2   | 36.2  |       |

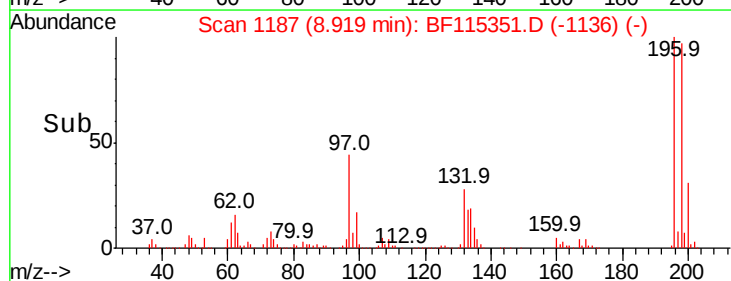
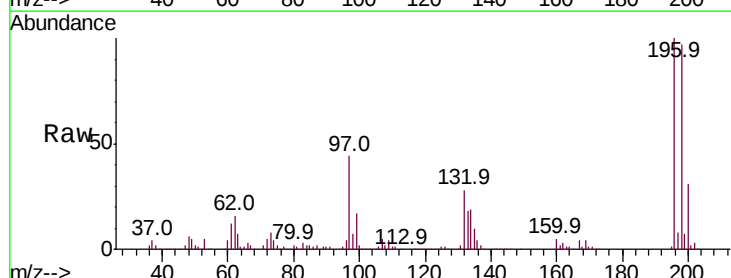
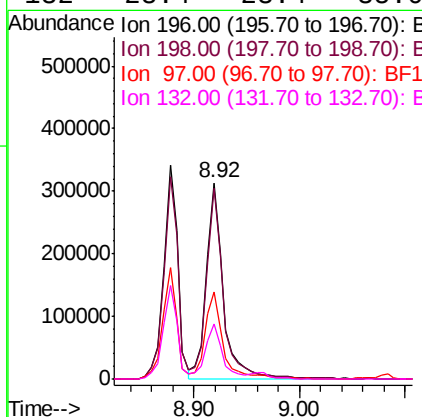
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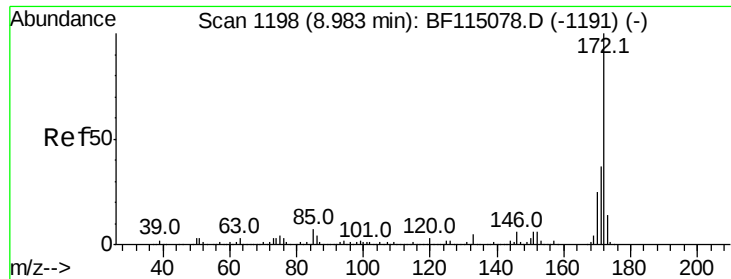
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#44  
 2,4,5-Trichlorophenol  
 Concen: 42.943 ng  
 RT: 8.92 min Scan# 1187  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 350330 |       |       |
| 198     | 97.3  | 75.4   | 113.0 |       |
| 97      | 44.1  | 37.5   | 56.3  |       |
| 132     | 28.4  | 23.4   | 35.0  |       |





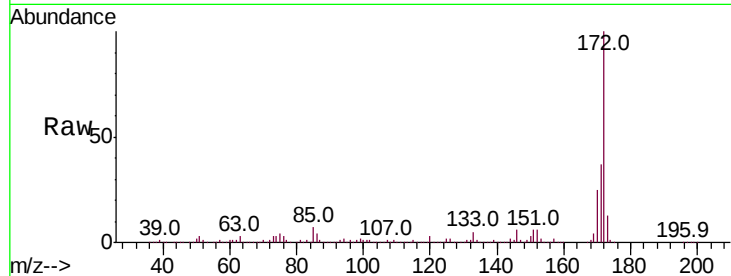
#45  
2-Fluorobiphenyl  
Concen: 89.182 ng  
RT: 8.97 min Scan# 1195  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.9  | 29.8  | 44.8  |
| 170     | 25.3  | 20.2  | 30.4  |

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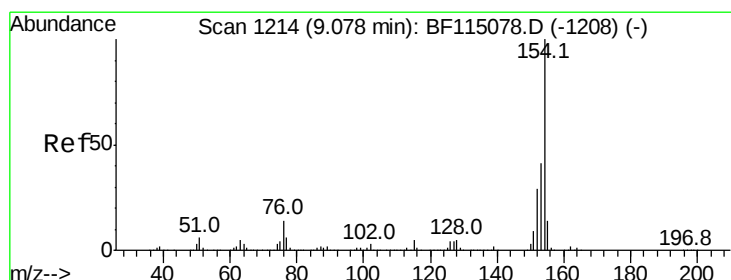
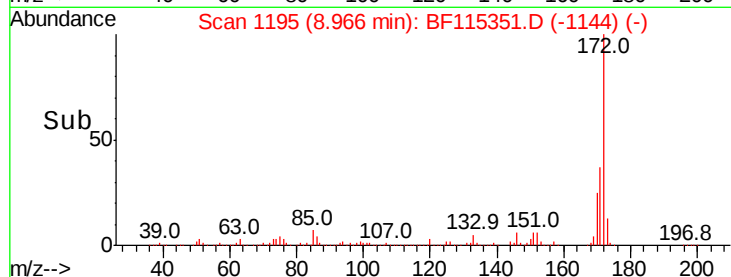
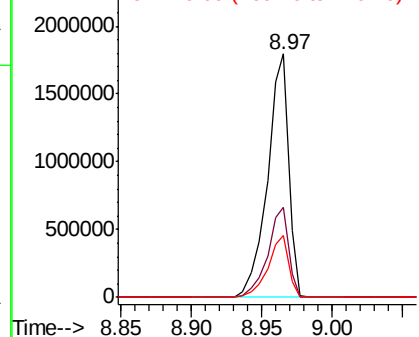


Abundance

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: 41.120 ng  
RT: 9.06 min Scan# 1211  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

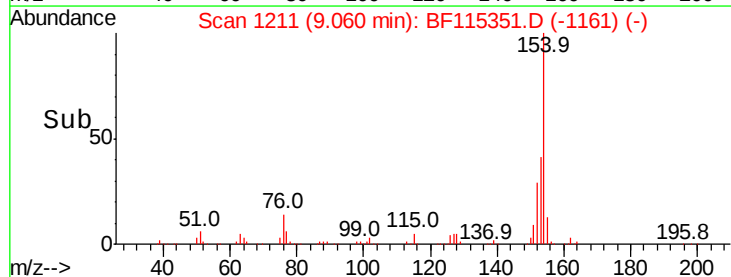
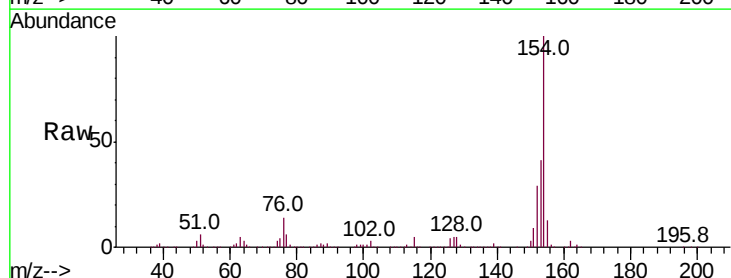
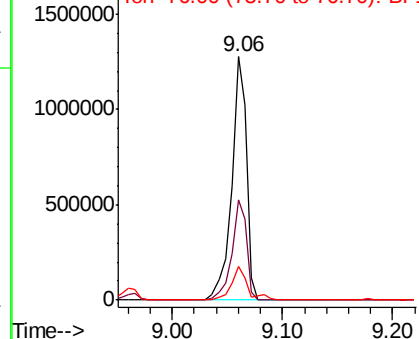
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 21.3  | 61.3  |
| 76      | 13.6  | 0.0   | 32.1  |

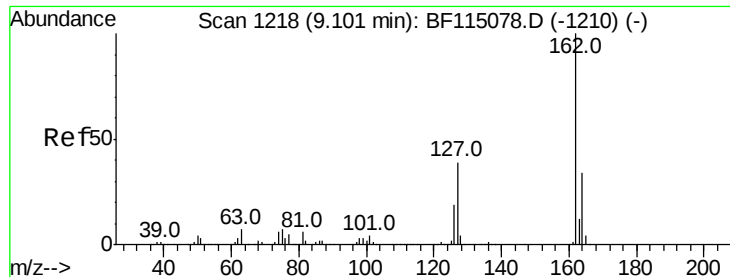
Abundance

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





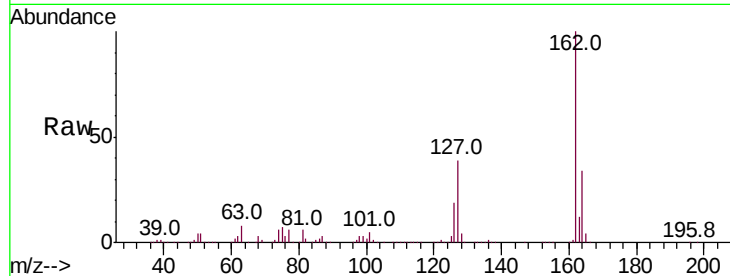
#47  
2-Chloronaphthalene  
Concen: 40.233 ng  
RT: 9.08 min Scan# 1215  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

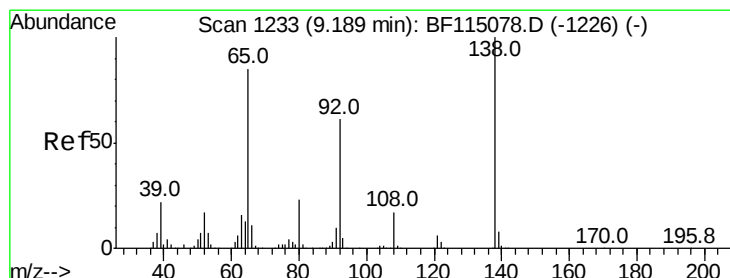
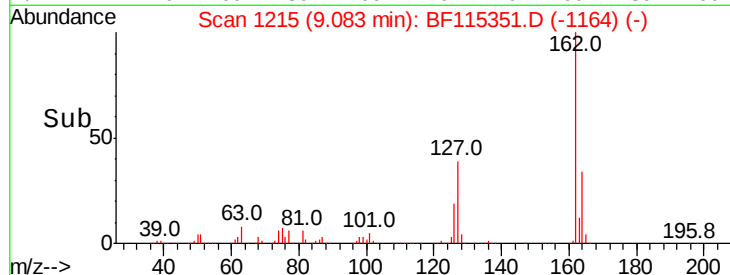
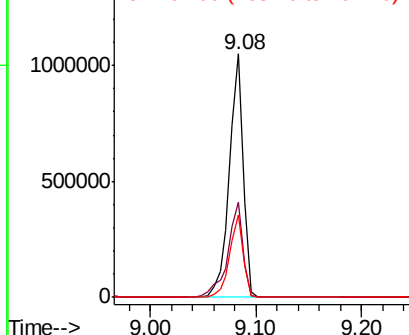
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 39.3  | 32.5       | 48.7  |
| 164     | 33.9  | 26.7       | 40.1  |

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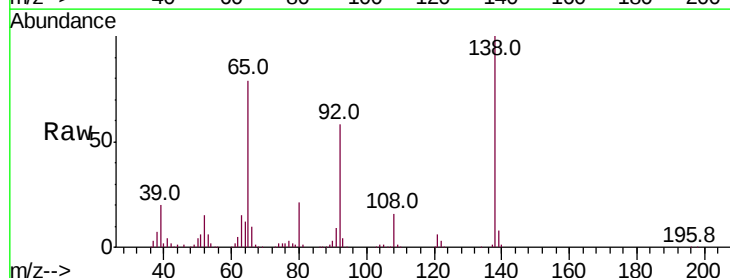


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

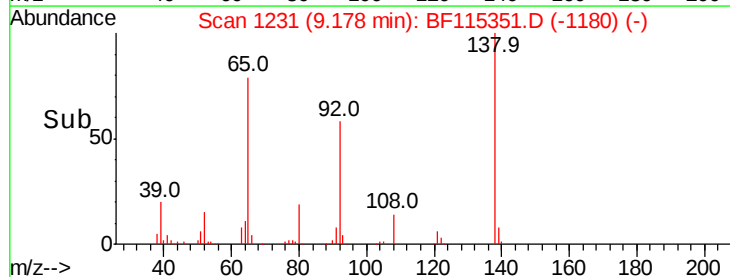
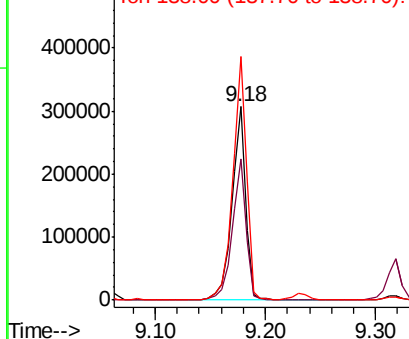


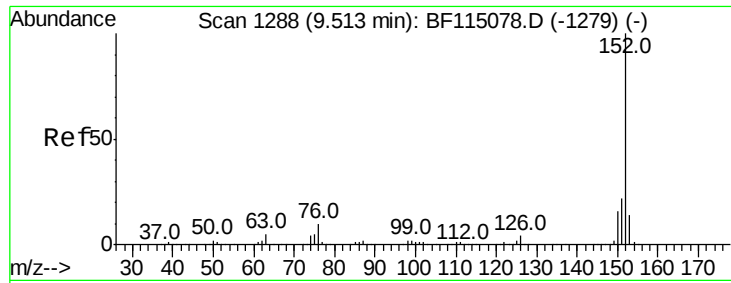
#48  
2-Nitroaniline  
Concen: 39.090 ng  
RT: 9.18 min Scan# 1231  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 73.3  | 58.7       | 88.1  |
| 138     | 126.0 | 97.0       | 145.6 |



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





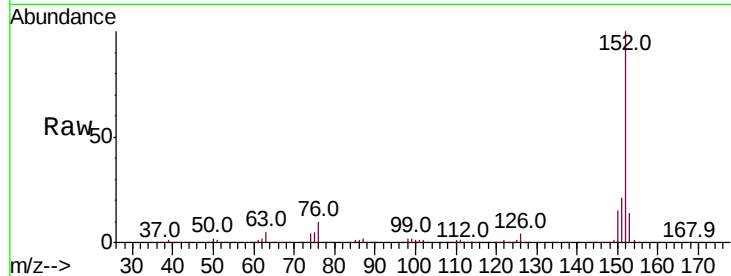
#49  
Acenaphthylene  
Concen: 40.388 ng  
RT: 9.50 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

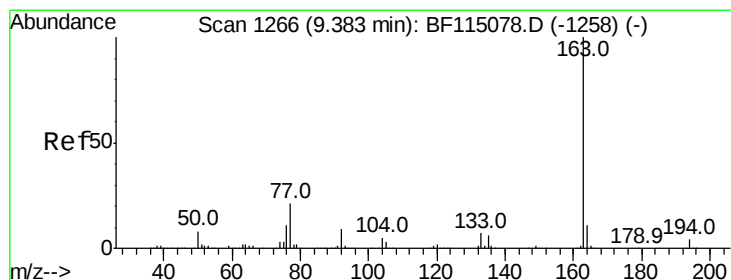
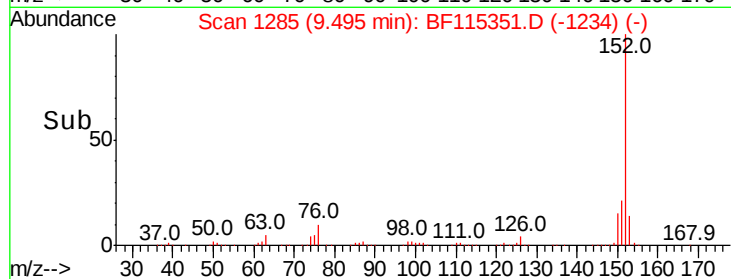
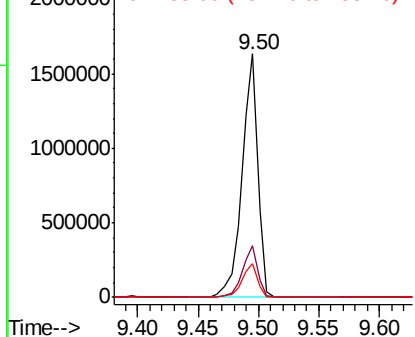
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.0  | 17.3  | 25.9  |
| 153     | 13.8  | 11.4  | 17.2  |

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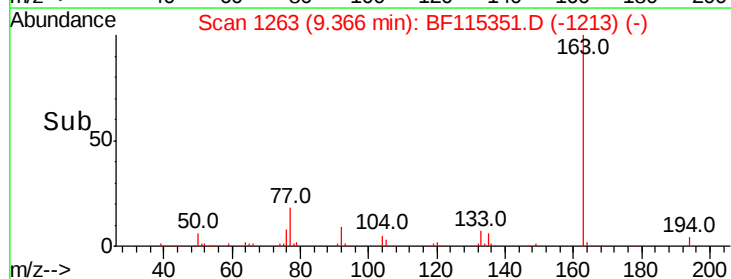
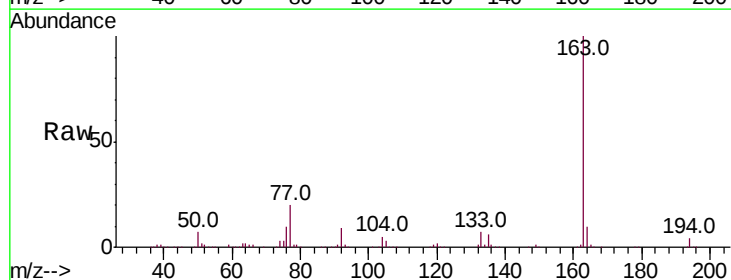
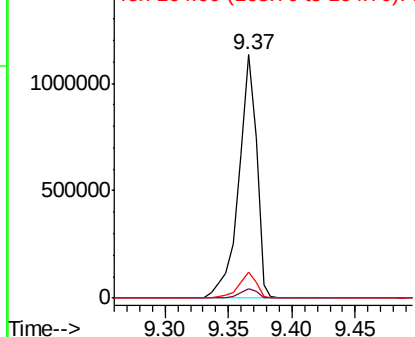
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

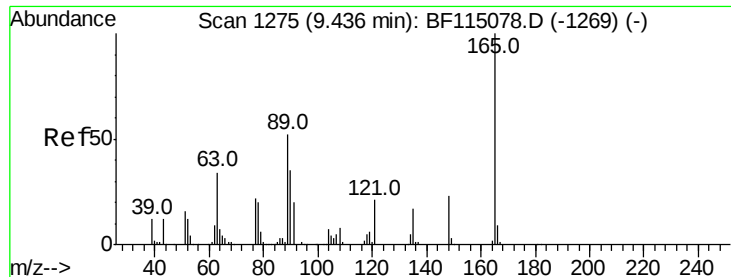


#50  
Dimethylphthalate  
Concen: 40.913 ng  
RT: 9.37 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.4   | 5.0   |
| 164     | 10.5  | 8.0   | 12.0  |

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





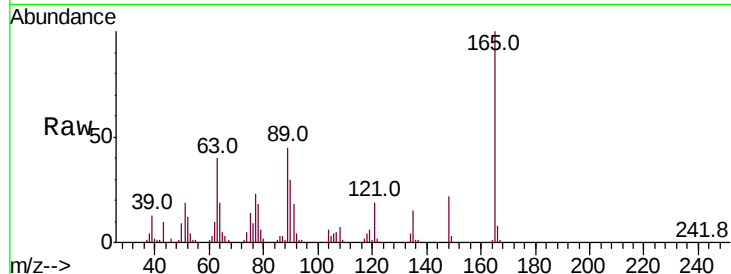
#51  
2,6-Dinitrotoluene  
Concen: 41.042 ng  
RT: 9.42 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

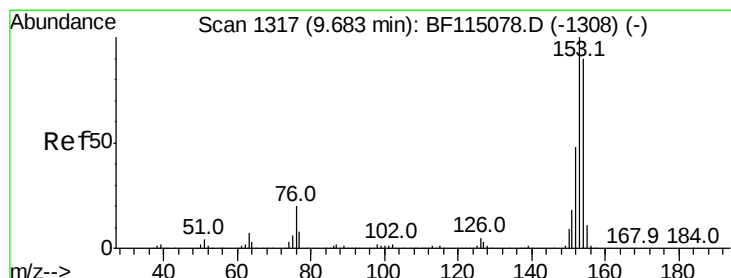
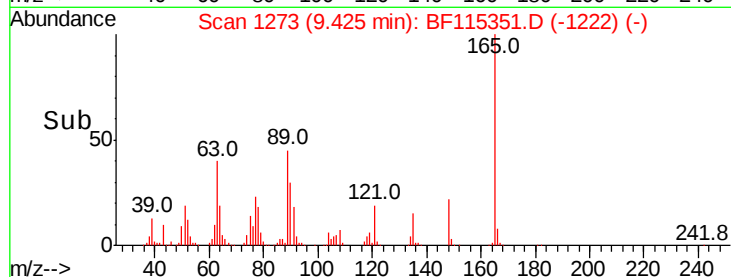
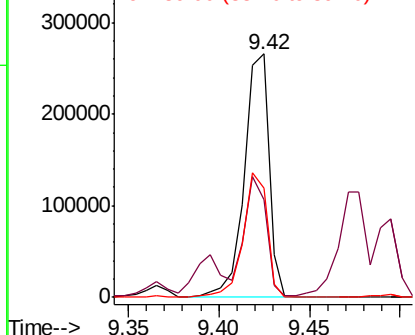
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 40.2  | 37.0 | 55.4  |       |
| 89      | 44.8  | 40.4 | 60.6  |       |

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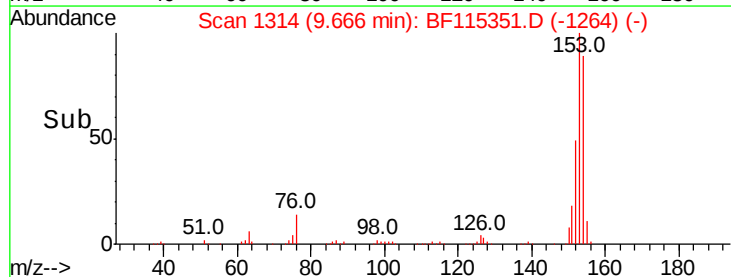
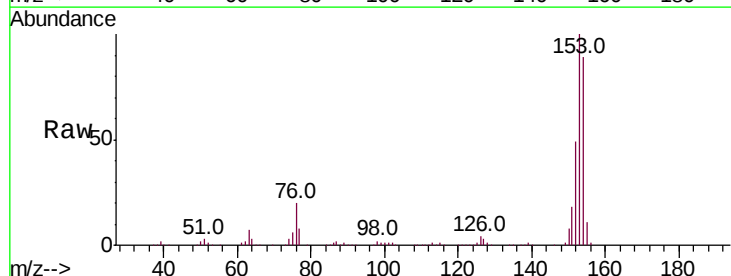
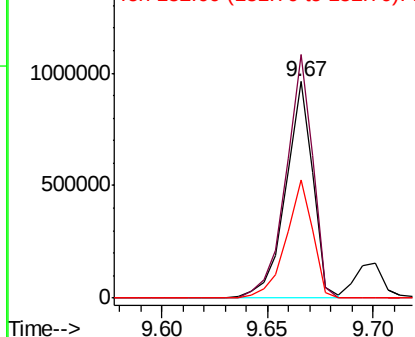
Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

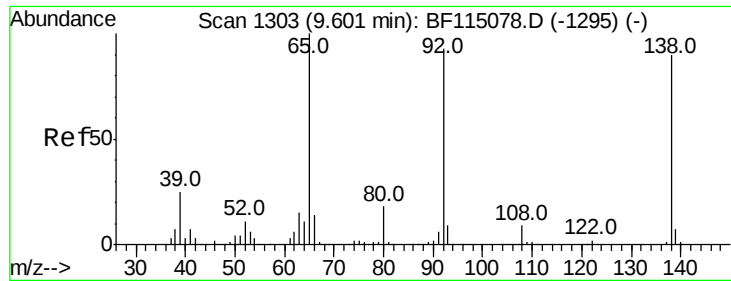


#52  
Acenaphthene  
Concen: 37.411 ng  
RT: 9.67 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 112.7 | 89.0 | 133.6 |       |
| 152     | 54.7  | 43.4 | 65.0  |       |

Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





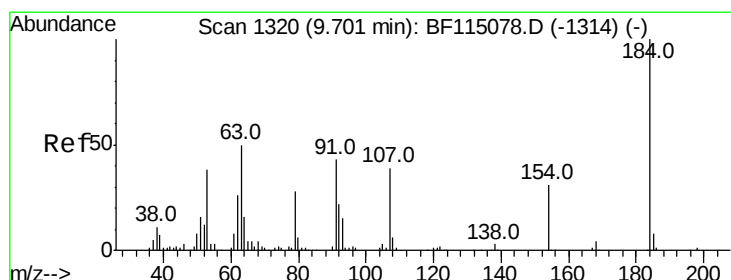
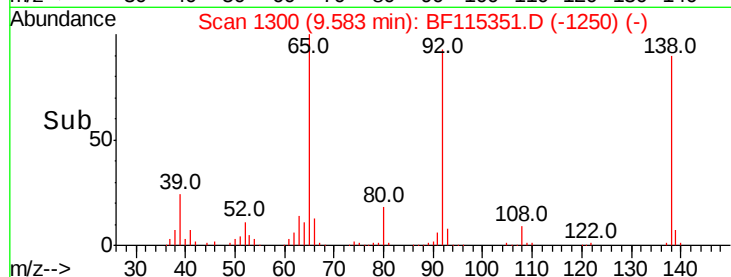
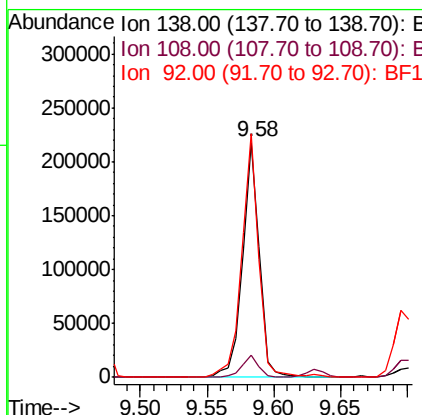
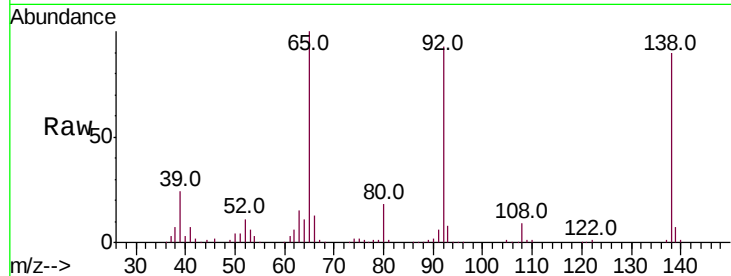
#53  
3-Nitroaniline  
Concen: 25.376 ng  
RT: 9.58 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 7.8   | 11.6  |
| 92      | 103.7 | 82.9  | 124.3 |

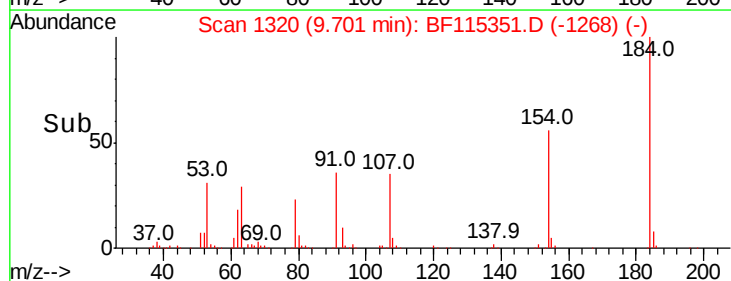
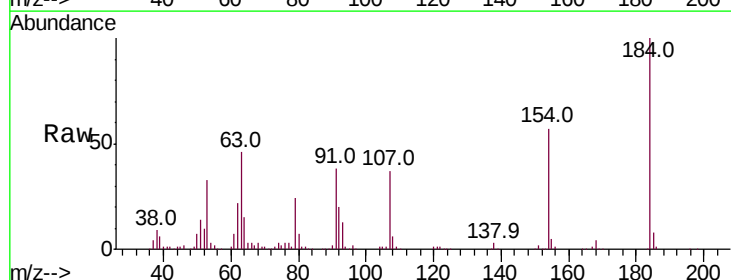
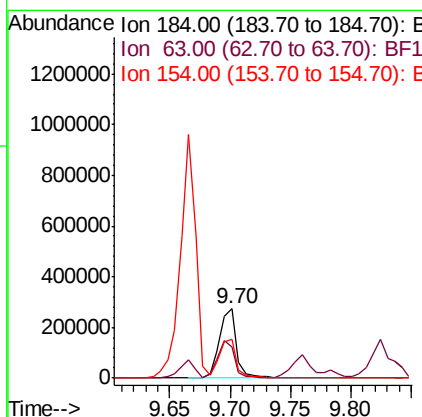
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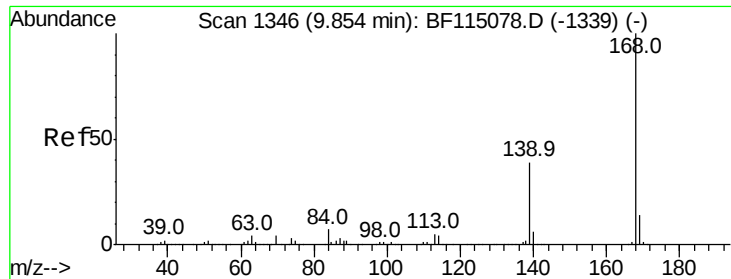
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#54  
2,4-Dinitrophenol  
Concen: 83.965 ng  
RT: 9.70 min Scan# 1320  
Delta R.T. 0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 45.8  | 49.4  | 74.0# |
| 154     | 56.6  | 47.5  | 71.3  |





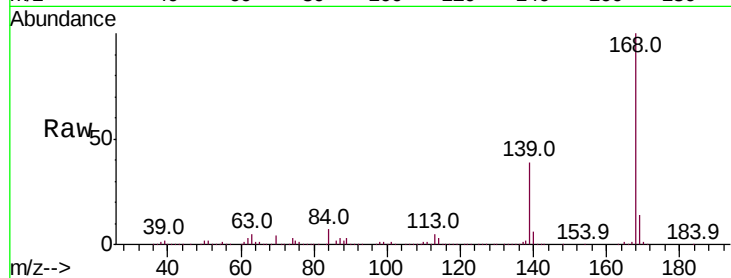
#55  
Dibenzofuran  
Concen: 39.534 ng  
RT: 9.84 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

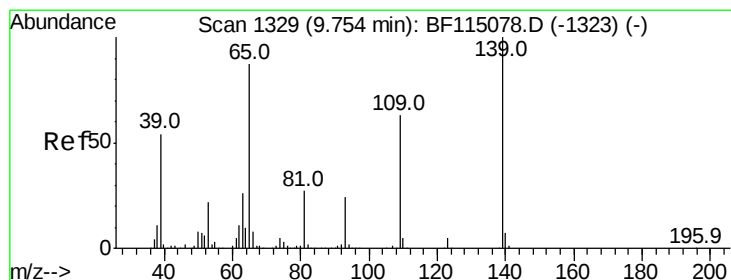
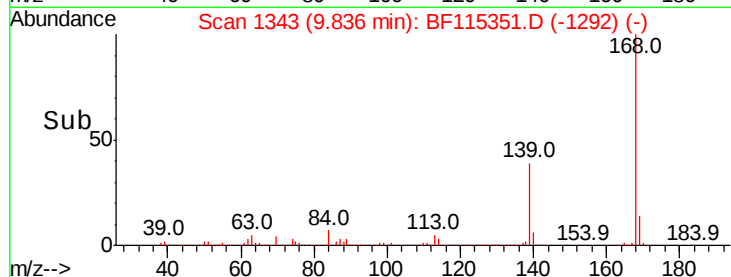
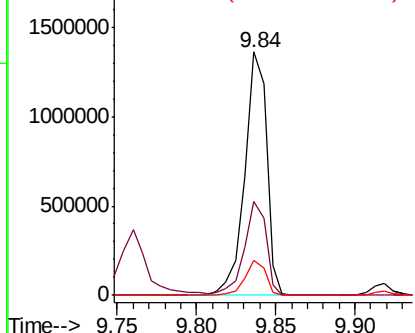
Tot Ion:168 Resp: 1303753  
Ion Ratio Lower Upper  
168 100  
139 38.7 31.4 47.2  
169 14.1 11.5 17.3

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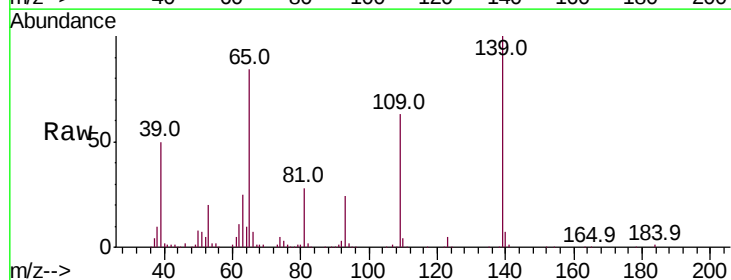


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

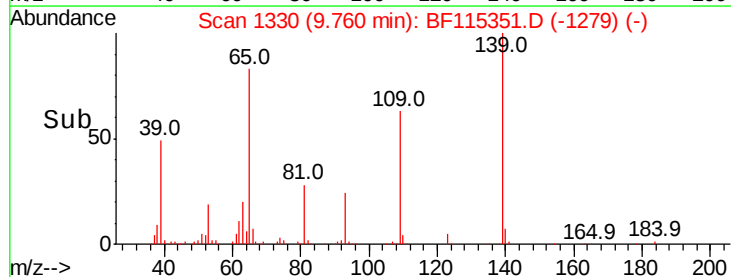
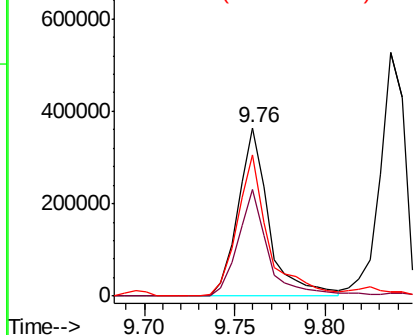


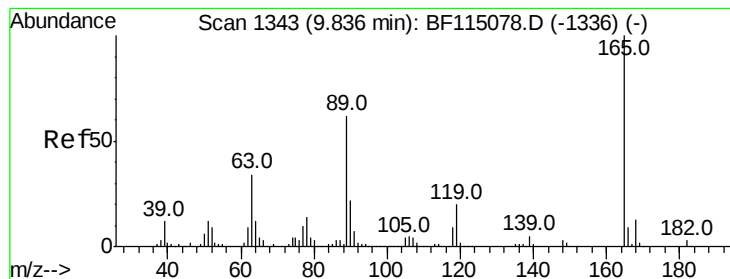
#56  
4-Nitrophenol  
Concen: 71.722 ng  
RT: 9.76 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Tgt Ion:139 Resp: 432776  
Ion Ratio Lower Upper  
139 100  
109 63.2 38.6 78.6  
65 83.6 54.7 94.7



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





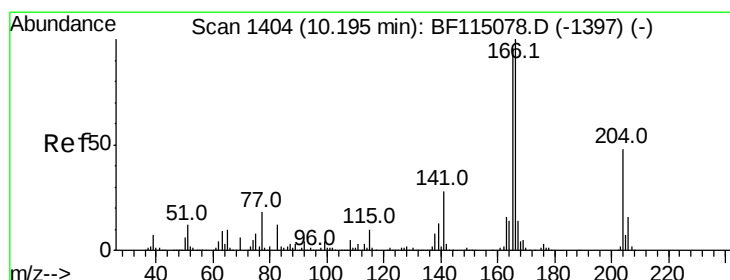
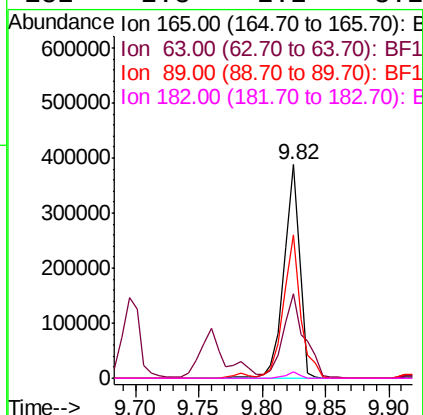
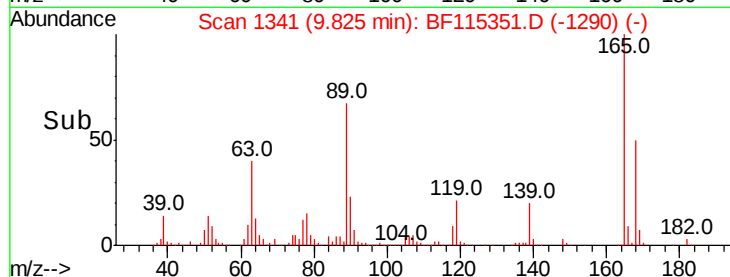
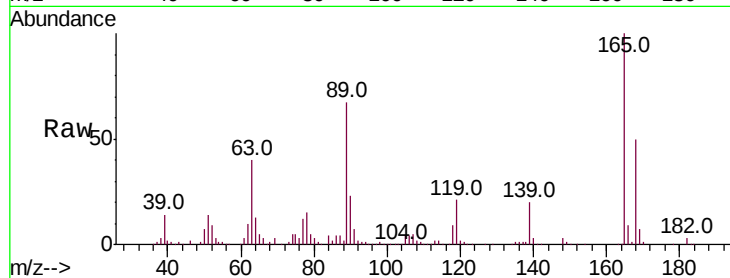
#57  
 2,4-Dinitrotoluene  
 Concen: 41.919 ng  
 RT: 9.82 min Scan# 1341  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 39.6  | 31.2       | 46.8  |
| 89      | 67.0  | 52.8       | 79.2  |
| 182     | 2.8   | 2.2        | 3.2   |

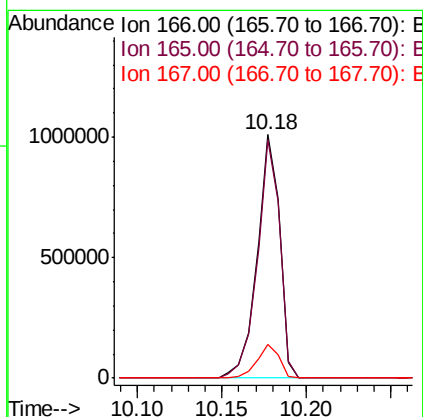
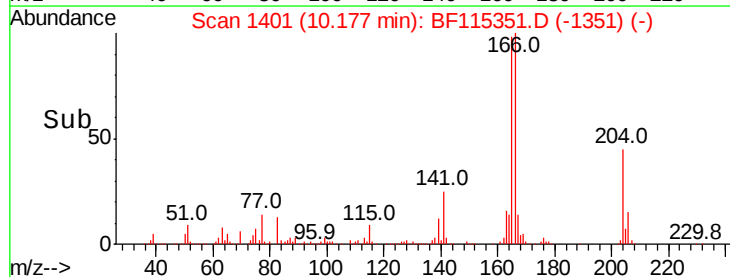
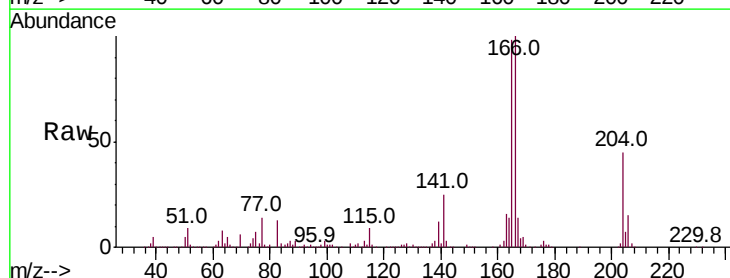
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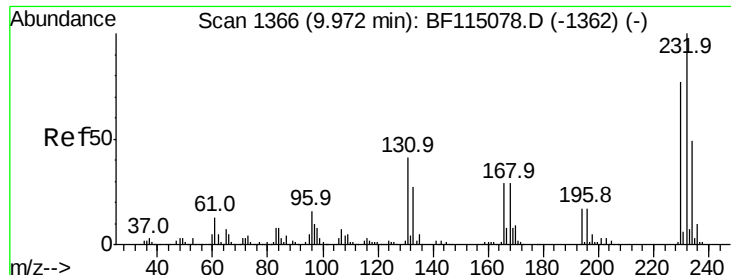
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#58  
 Fluorene  
 Concen: 42.435 ng  
 RT: 10.18 min Scan# 1401  
 Delta R.T. -0.01 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 97.7  | 78.5       | 117.7 |
| 167     | 13.7  | 10.5       | 15.7  |





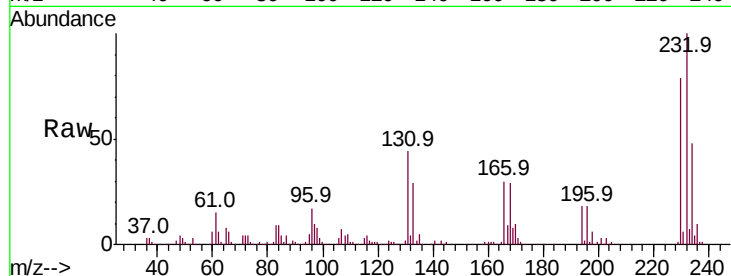
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.222 ng  
 RT: 9.96 min Scan# 1364  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

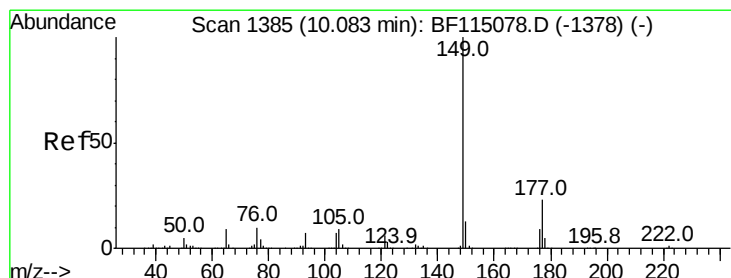
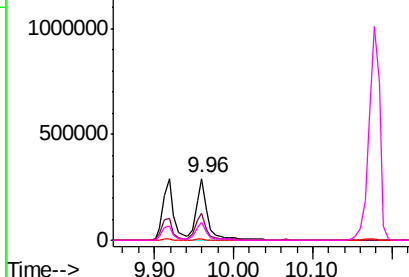
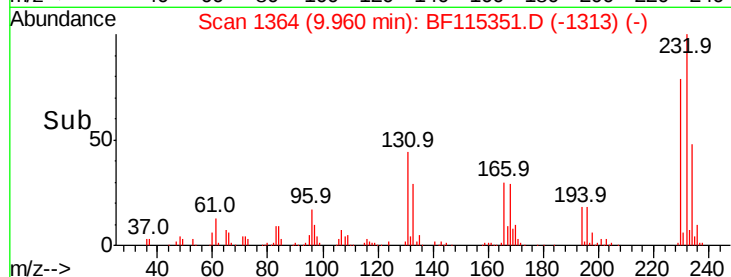
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 232     | 100   |            |       |
| 131     | 45.1  | 35.0       | 52.6  |
| 130     | 2.1   | 1.7        | 2.5   |
| 166     | 29.2  | 22.7       | 34.1  |

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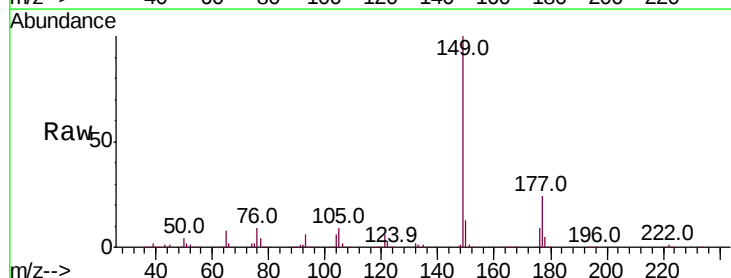


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

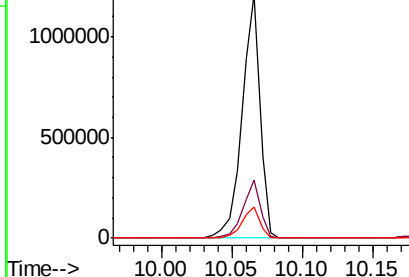
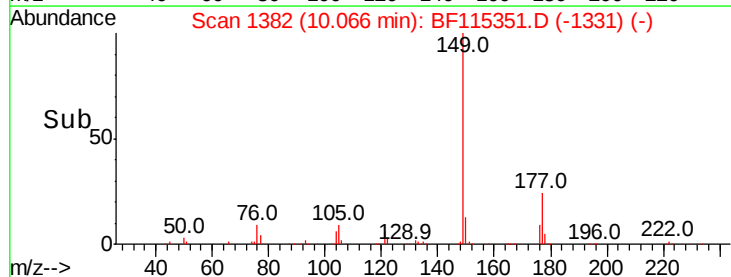


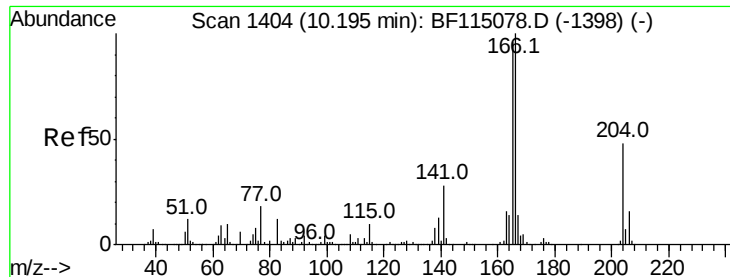
#60  
 Diethylphthalate  
 Concen: 39.778 ng  
 RT: 10.07 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 177     | 23.9  | 19.1       | 28.7  |
| 150     | 12.7  | 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





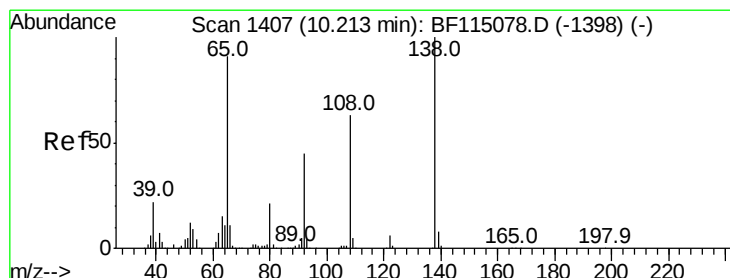
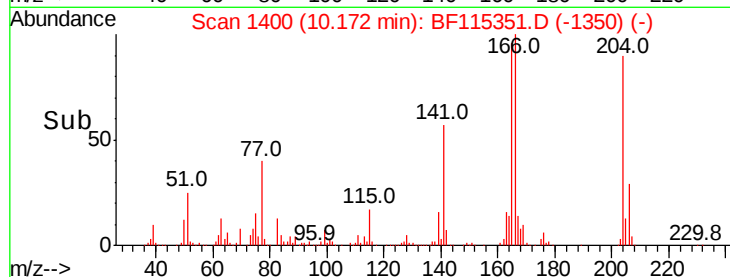
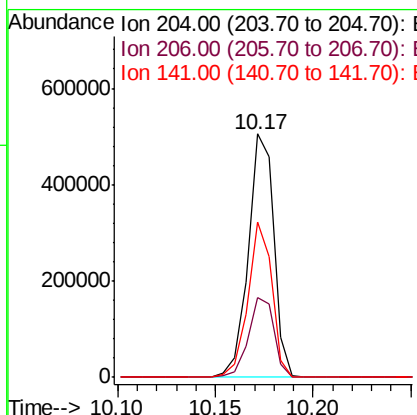
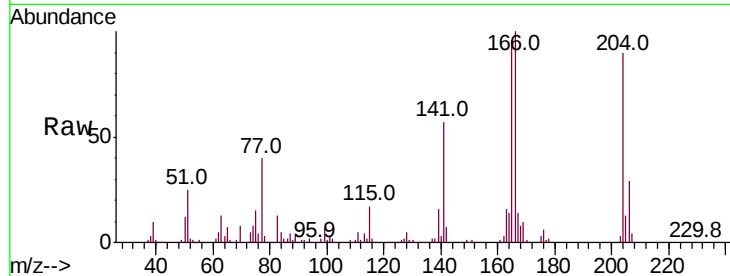
#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.784 ng  
 RT: 10.17 min Scan# 1400  
 Delta R.T. -0.01 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 458764 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.7  | 26.5  | 39.7   |
| 141       | 63.8  | 47.0  | 70.4   |

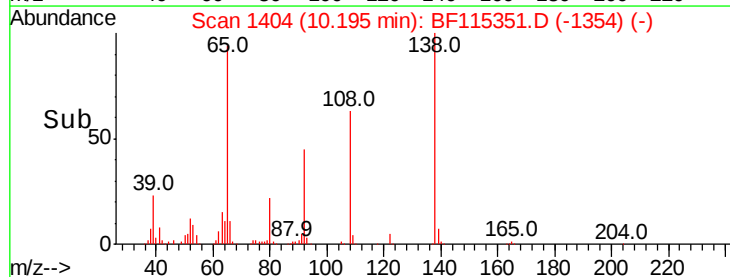
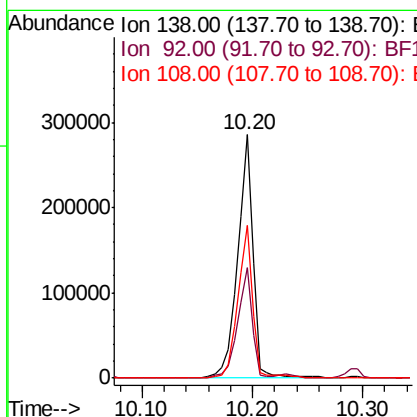
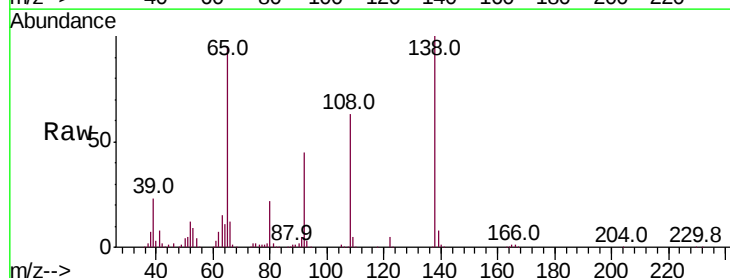
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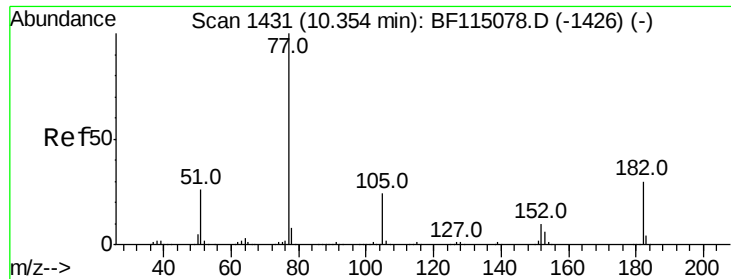
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#62  
 4-Nitroaniline  
 Concen: 37.343 ng  
 RT: 10.20 min Scan# 1404  
 Delta R.T. -0.01 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 281967 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 45.4  | 22.1  | 62.1   |
| 108       | 62.8  | 41.9  | 81.9   |





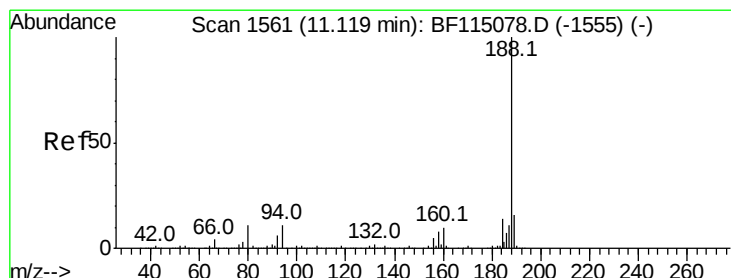
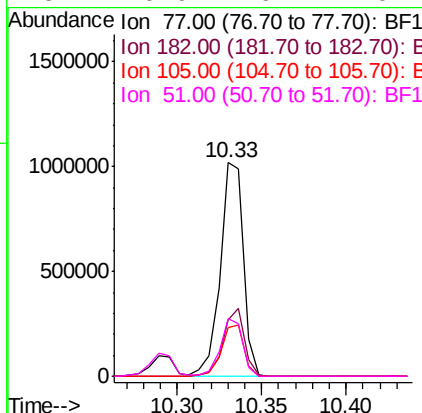
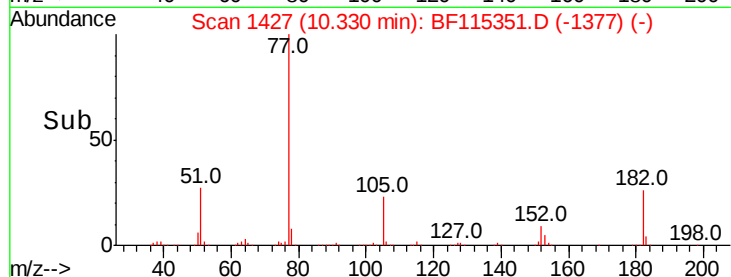
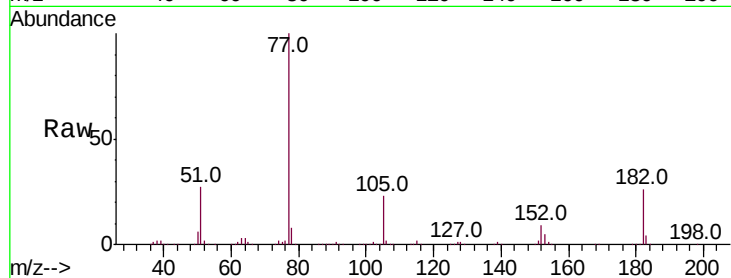
#63  
Azobenzene  
Concen: 38.684 ng  
RT: 10.33 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 970298 |       |       |
| 182     | 26.3 | 10.2  | 50.2   |       |       |
| 105     | 23.1 | 4.5   | 44.5   |       |       |
| 51      | 26.9 | 6.2   | 46.2   |       |       |

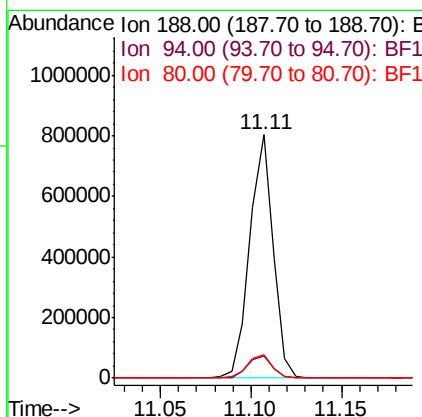
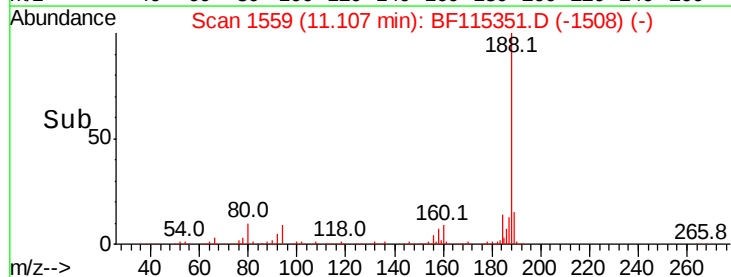
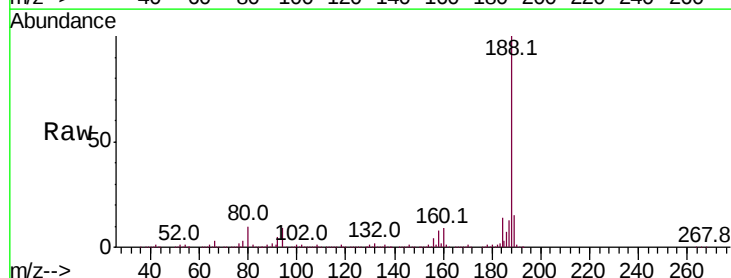
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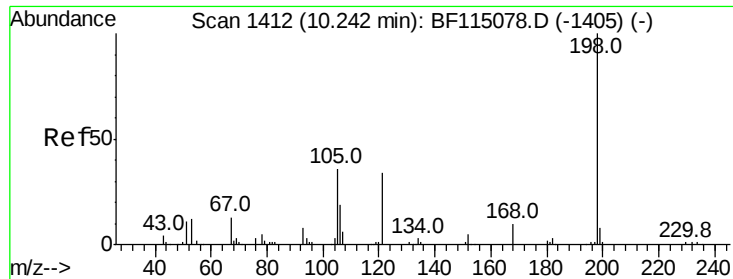
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.11 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 722914 |       |       |
| 94      | 9.2 | 7.6   | 11.4   |       |       |
| 80      | 9.7 | 7.9   | 11.9   |       |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 44.443 ng

RT: 10.23 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

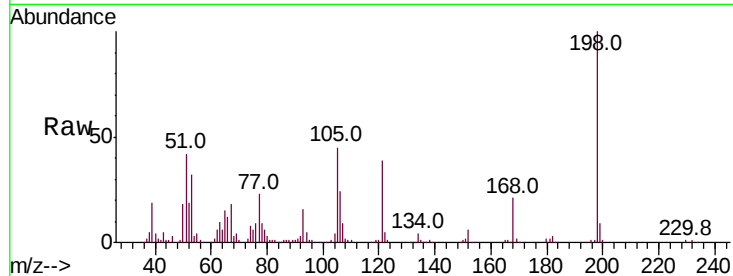
ClientSampleId :

PB121059BS

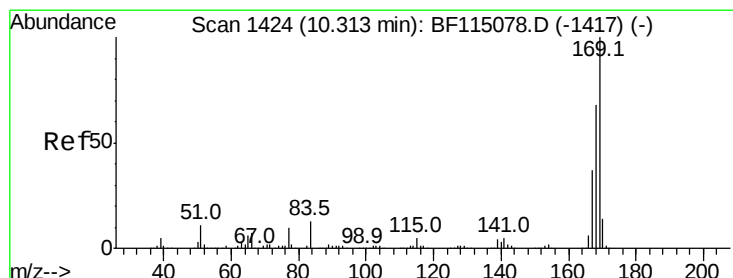
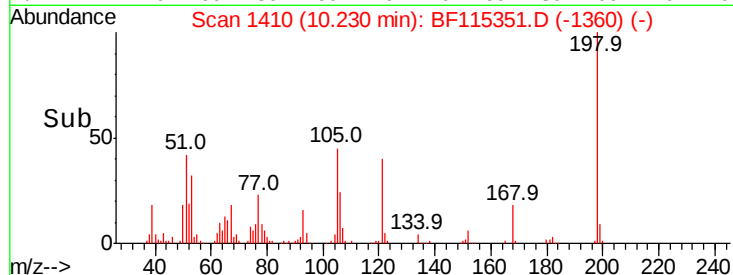
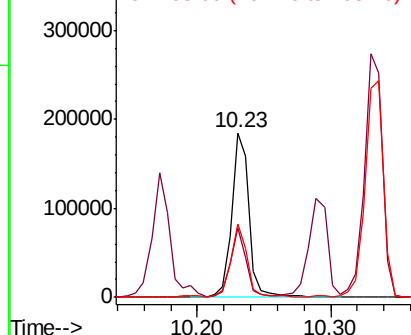
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 169374 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 42.4  | 13.4  | 53.4   |
| 105       | 44.9  | 19.8  | 59.8   |

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



#66

n-Nitrosodiphenylamine

Concen: 40.068 ng

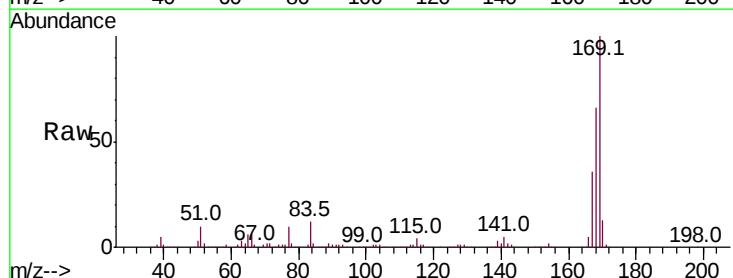
RT: 10.30 min Scan# 1421

Delta R.T. 0.00 min

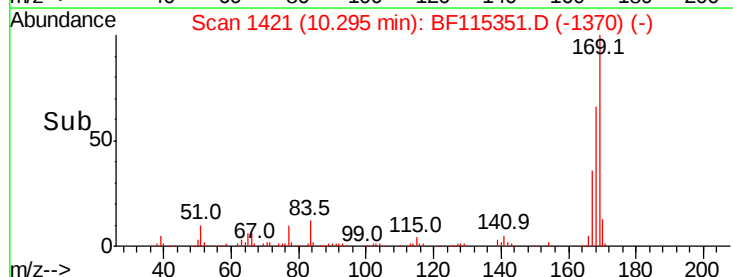
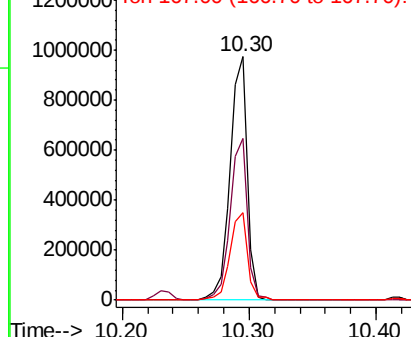
Lab File: BF115351.D

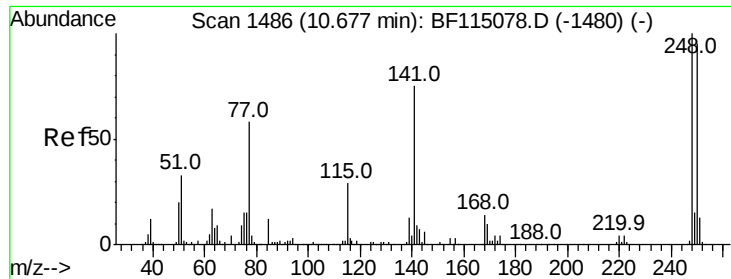
Acq: 2 Jul 2019 9:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 902424 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.3  | 54.2  | 81.4   |
| 167       | 36.1  | 29.9  | 44.9   |



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





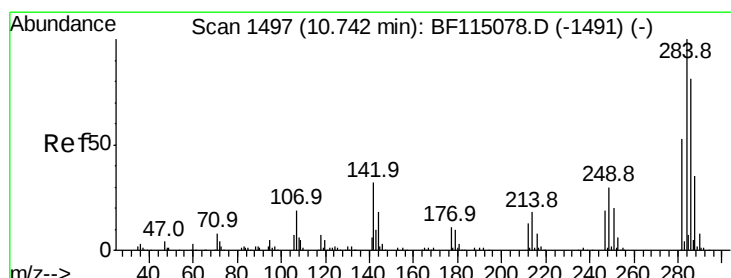
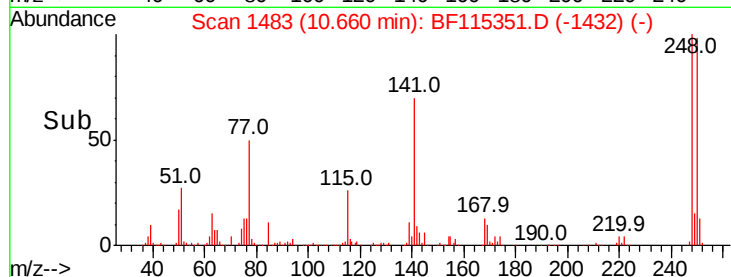
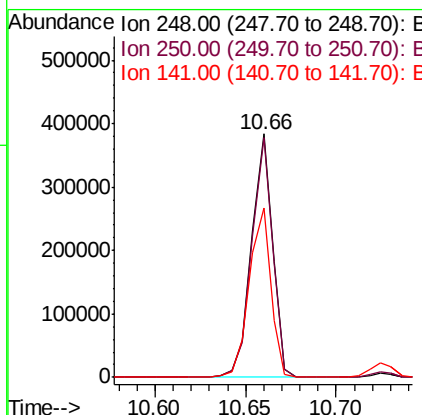
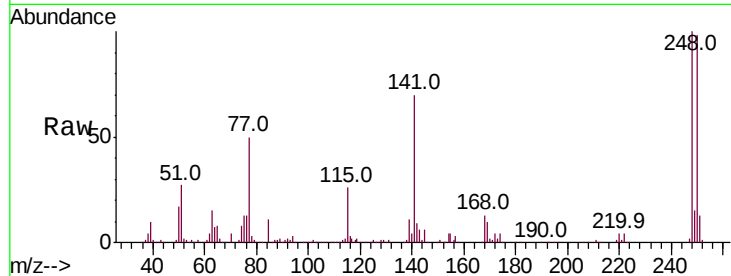
#67  
4-Bromophenyl-phenylether  
Concen: 39.783 ng  
RT: 10.66 min Scan# 1483  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampled :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 78.3  | 117.5 |
| 141     | 69.6  | 59.1  | 88.7  |

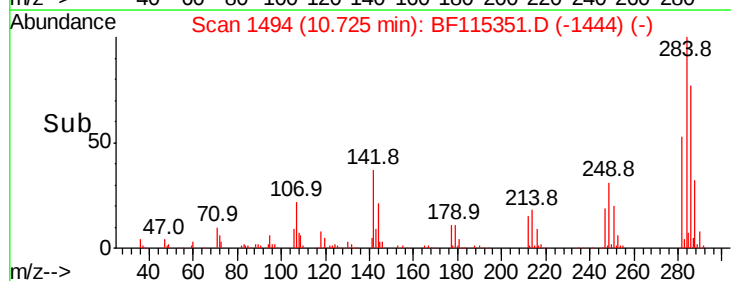
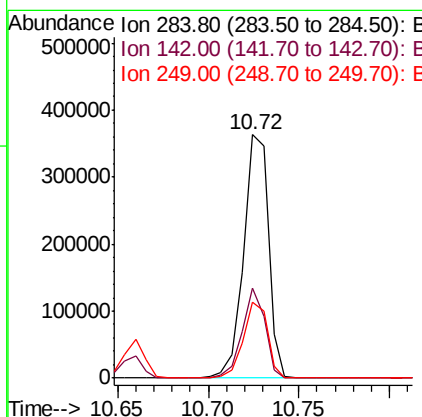
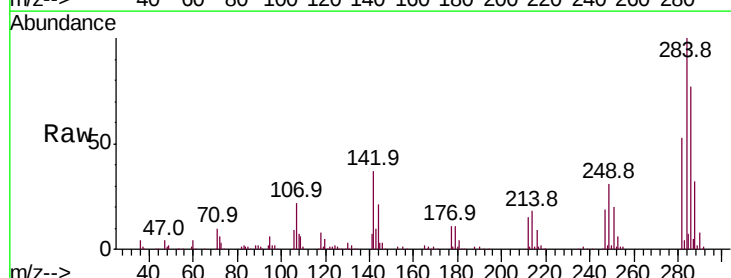
Manual Integrations  
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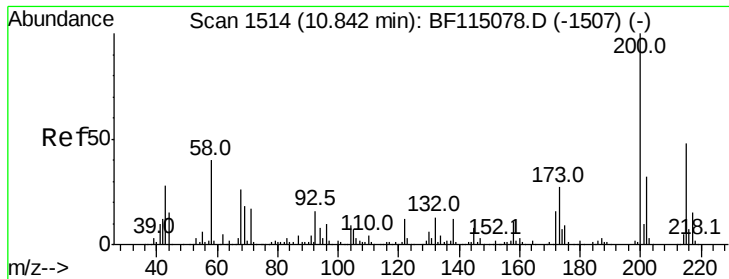
mohammad  
7/3/2019 10:51:24 PM



#68  
Hexachlorobenzene  
Concen: 40.810 ng  
RT: 10.72 min Scan# 1494  
Delta R.T. -0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 37.1  | 24.2  | 36.2# |
| 249     | 31.1  | 24.2  | 36.4  |





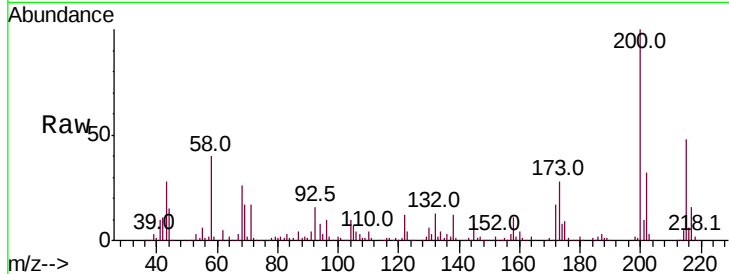
#69  
Atrazine  
Concen: 39.967 ng  
RT: 10.82 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

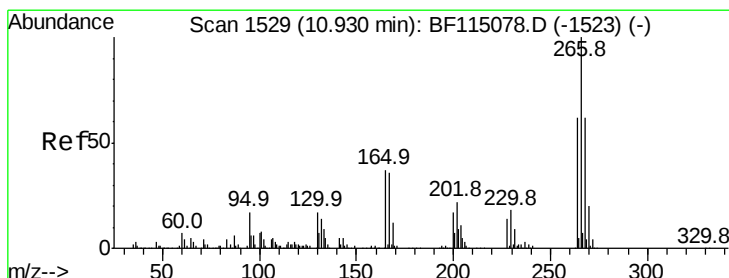
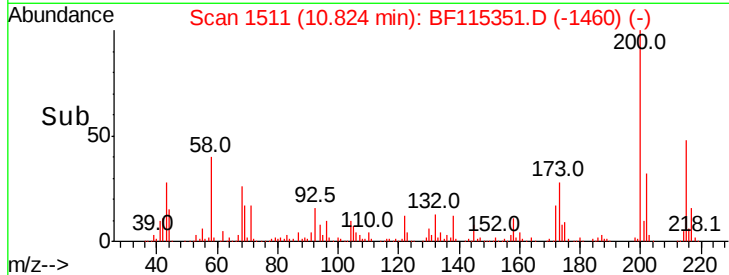
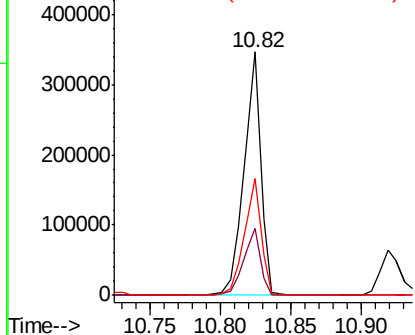
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 27.7  | 8.0        | 48.0  |
| 215     | 47.9  | 28.7       | 68.7  |

Manual Integrations  
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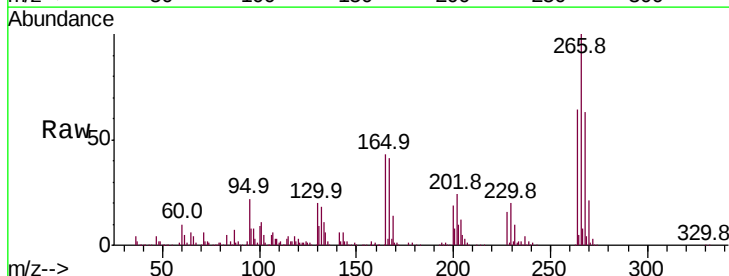


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

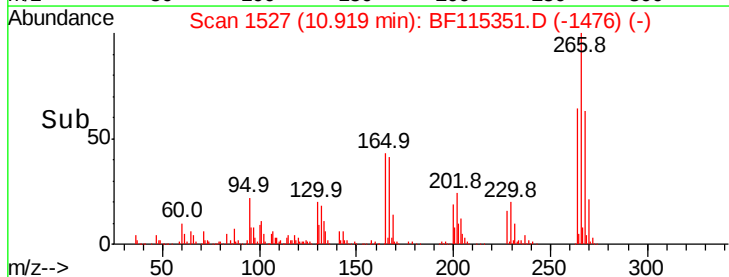
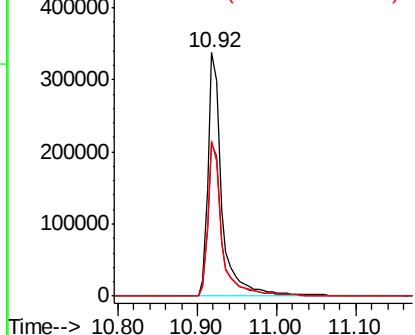


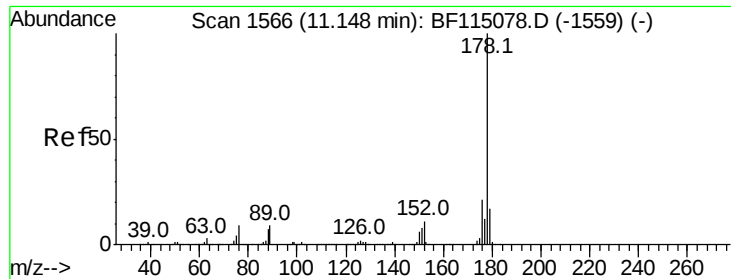
#70  
Pentachlorophenol  
Concen: 76.478 ng  
RT: 10.92 min Scan# 1527  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 62.8  | 53.4       | 80.2  |
| 264     | 63.9  | 50.2       | 75.2  |



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





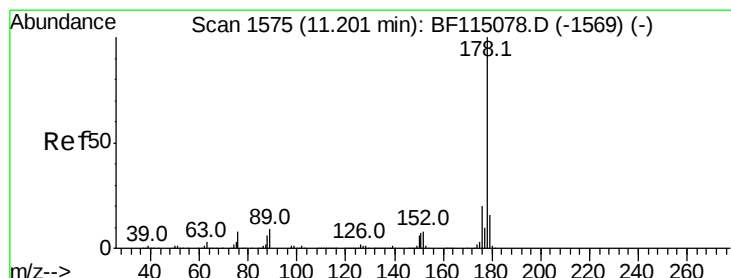
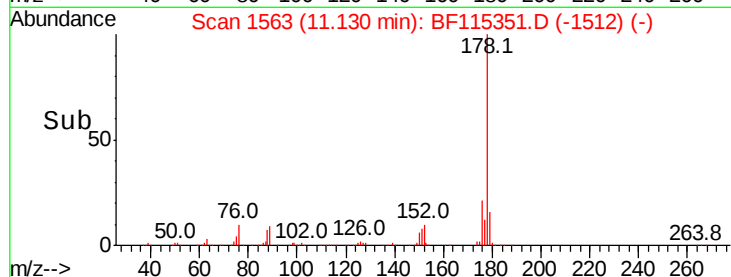
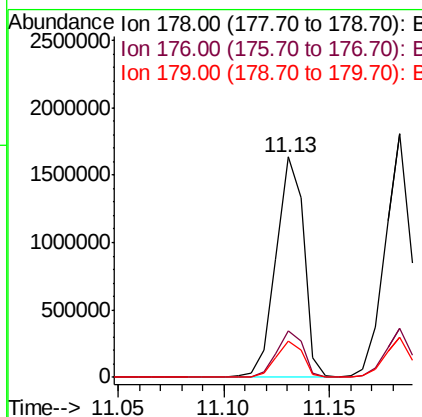
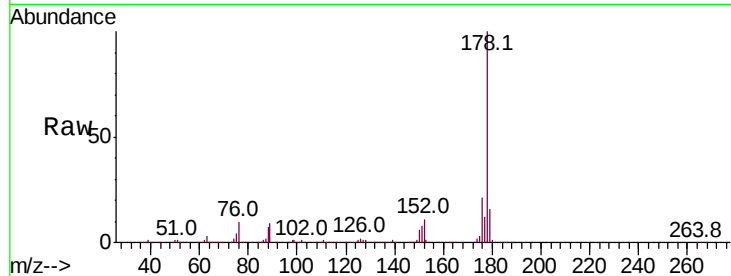
#71  
Phenanthrene  
Concen: 38.600 ng  
RT: 11.13 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

Tot Ion:178 Resp: 1502430  
Ion Ratio Lower Upper  
178 100  
176 20.9 16.4 24.6  
179 16.3 13.1 19.7

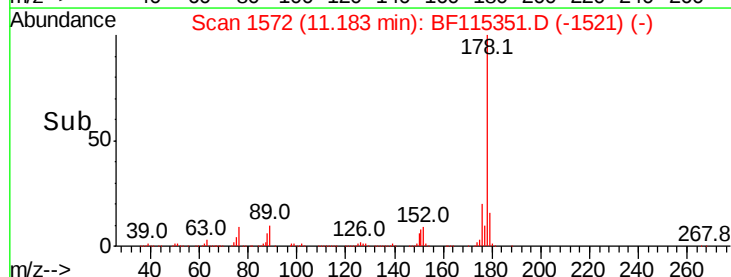
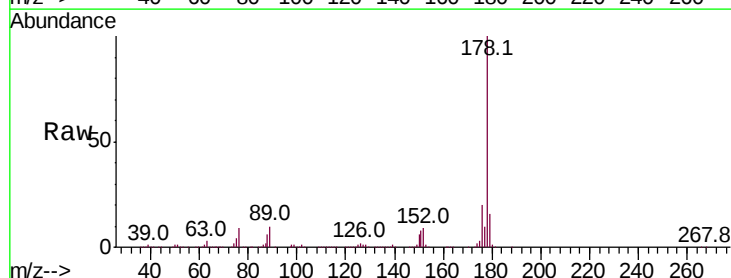
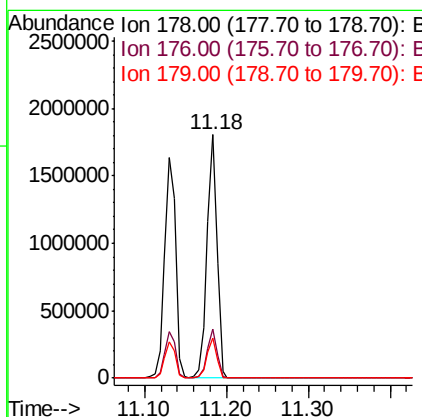
Manual Integrations  
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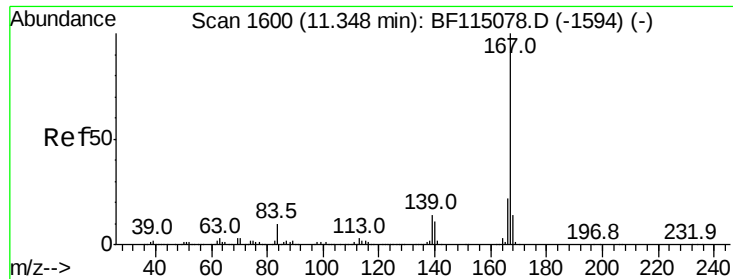
mohammad  
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#72  
Anthracene  
Concen: 39.122 ng  
RT: 11.18 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Tgt Ion:178 Resp: 1537089  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 16.3 13.2 19.8





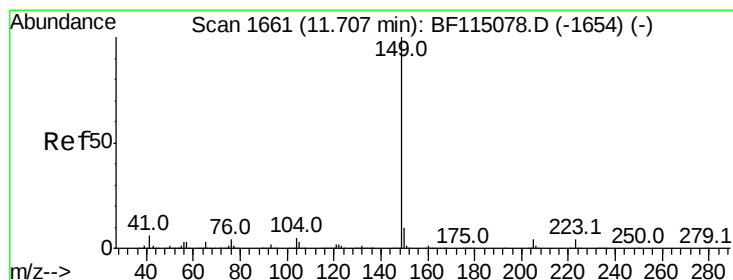
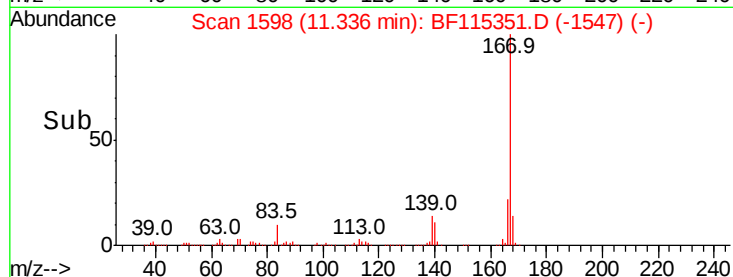
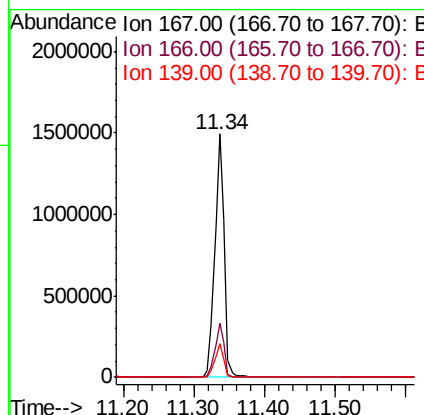
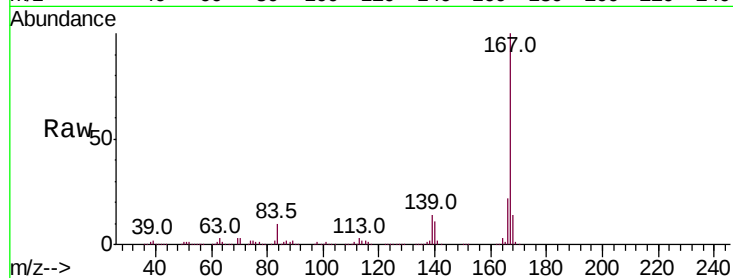
#73  
 Carbazole  
 Concen: 39.632 ng  
 RT: 11.34 min Scan# 1598  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.3  | 18.1  | 27.1  |
| 139     | 13.8  | 11.4  | 17.0  |

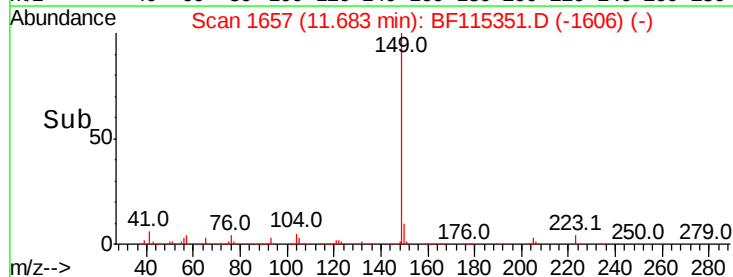
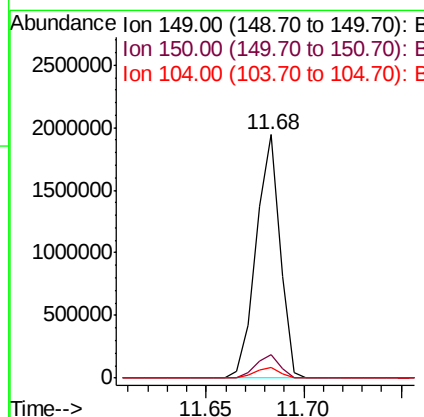
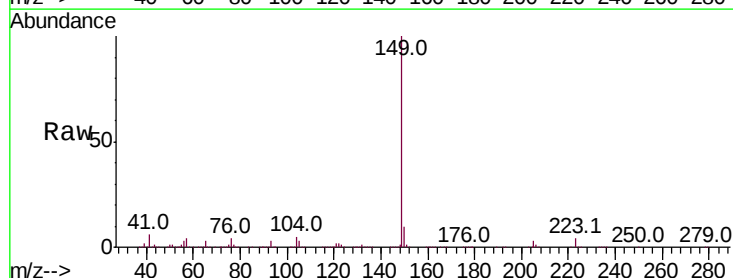
Manual Integrations  
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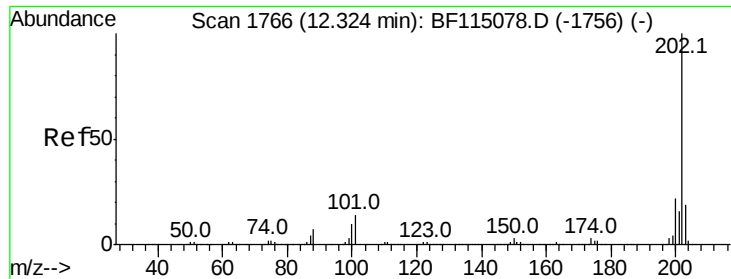
mohammad  
 7/3/2019 10:51:24 PM



#74  
 Di-n-butylphthalate  
 Concen: 40.677 ng  
 RT: 11.68 min Scan# 1657  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 8.1   | 12.1  |
| 104     | 4.6   | 3.9   | 5.9   |





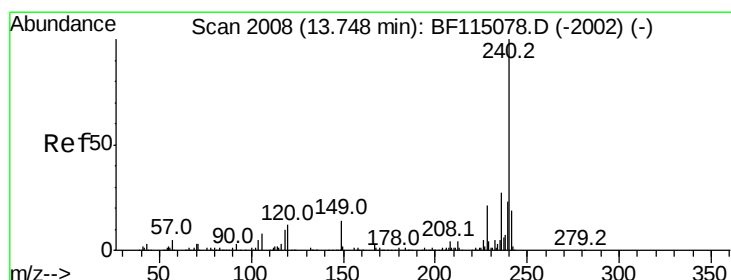
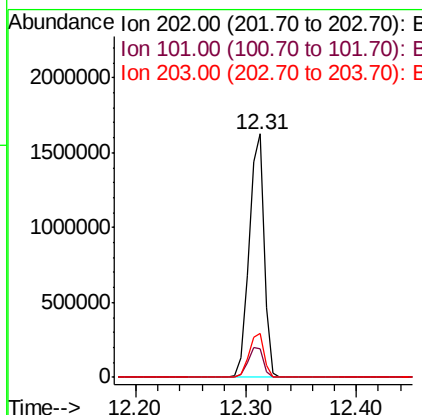
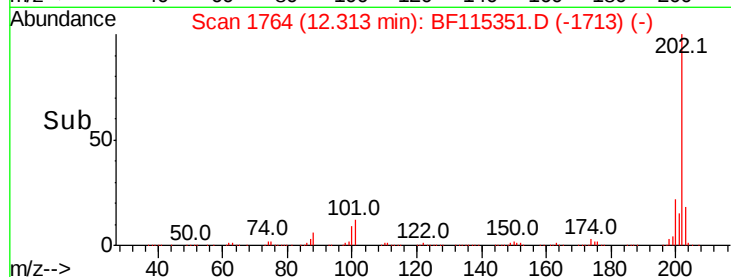
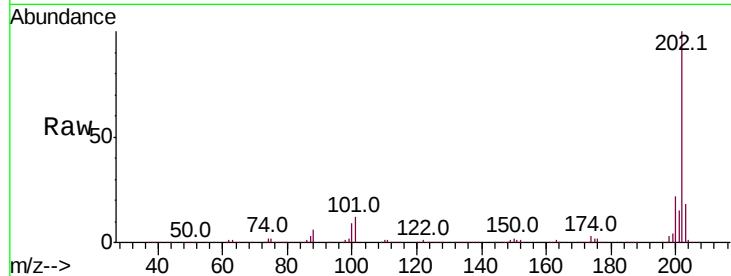
#75  
 Fluoranthene  
 Concen: 40.067 ng  
 RT: 12.31 min Scan# 1764  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121059BS

| Tot Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 202     | 100   | 1555998 |       |       |
| 101     | 12.0  |         | 0.0   | 32.6  |
| 203     | 18.3  |         | 0.0   | 38.2  |

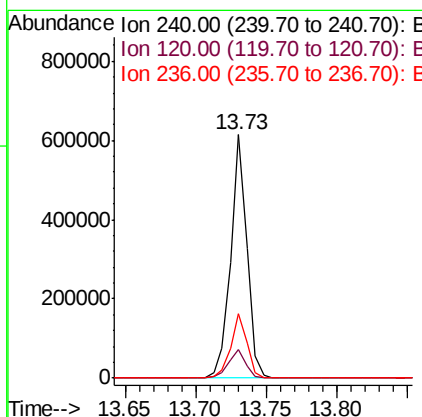
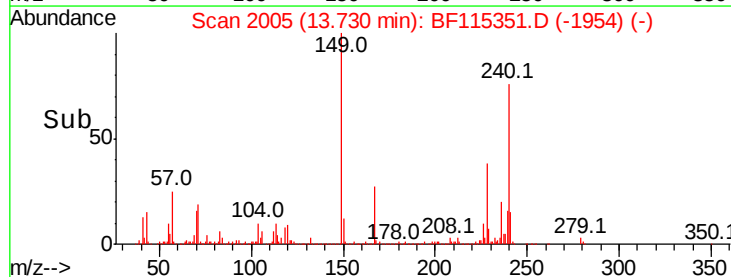
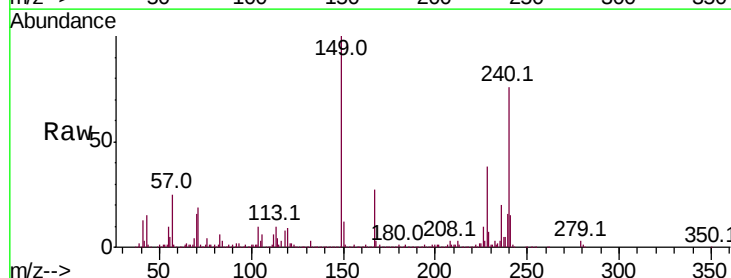
Manual Integrations  
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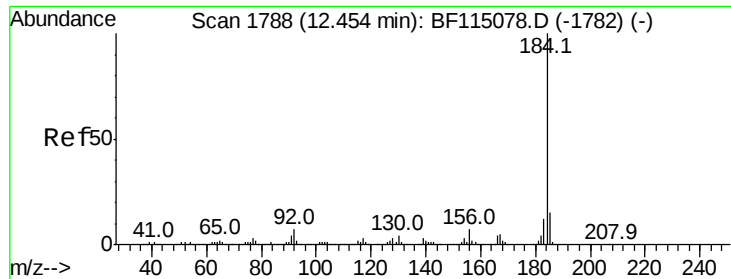
mohammad  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.73 min Scan# 2005  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 492558 |       |       |
| 120     | 11.8  |        | 10.8  | 16.2  |
| 236     | 26.7  |        | 21.8  | 32.8  |





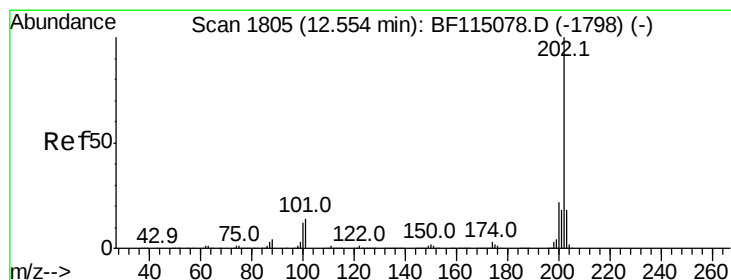
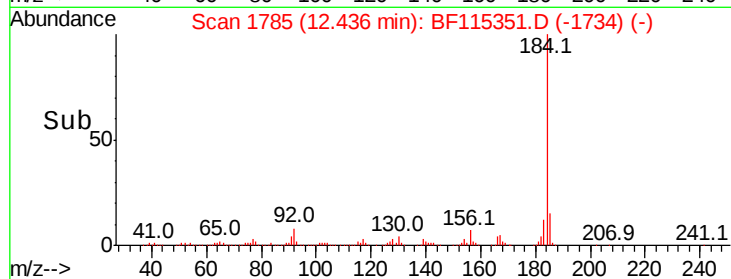
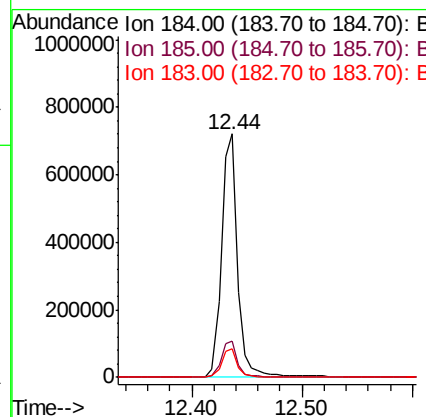
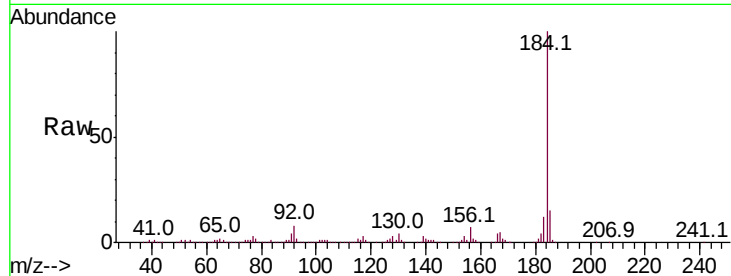
#77  
Benzidine  
Concen: 33.231 ng  
RT: 12.44 min Scan# 1785  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 184     | 100  |       |       |       |
| 185     | 15.1 | 12.5  | 18.7  |       |
| 183     | 11.8 | 9.4   | 14.2  |       |

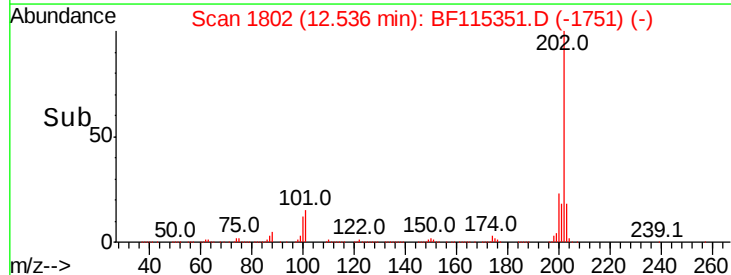
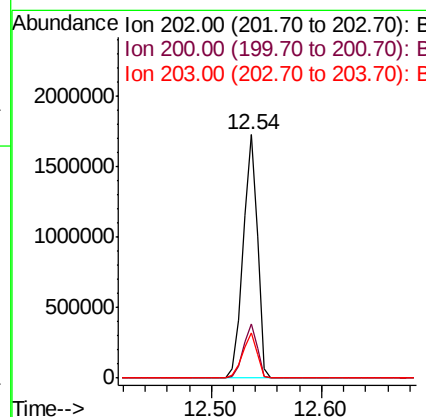
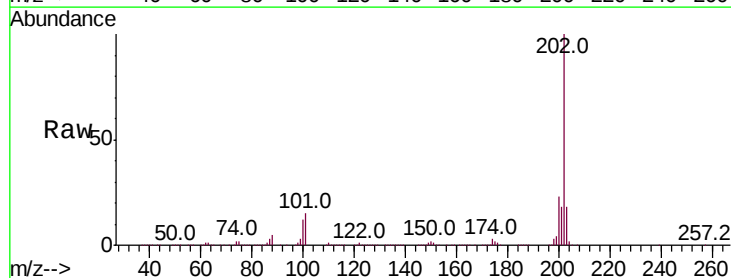
Manual Integrations  
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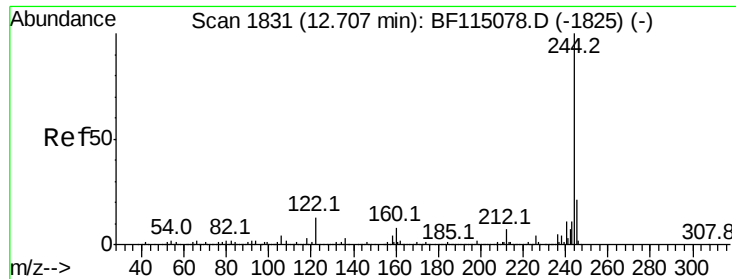
mohammad  
7/3/2019 10:51:24 PM



#78  
Pyrene  
Concen: 41.544 ng  
RT: 12.54 min Scan# 1802  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 202     | 100  |       |       |       |
| 200     | 22.5 | 18.3  | 27.5  |       |
| 203     | 18.5 | 15.0  | 22.4  |       |





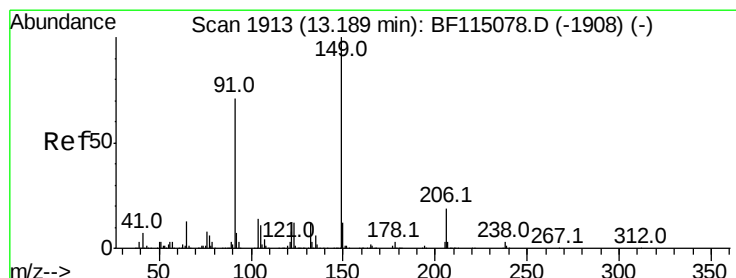
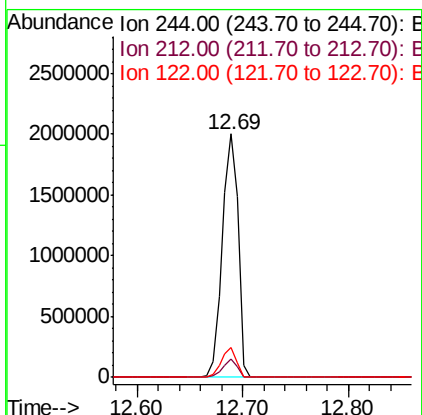
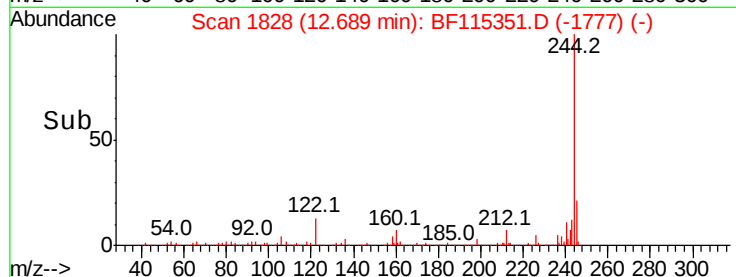
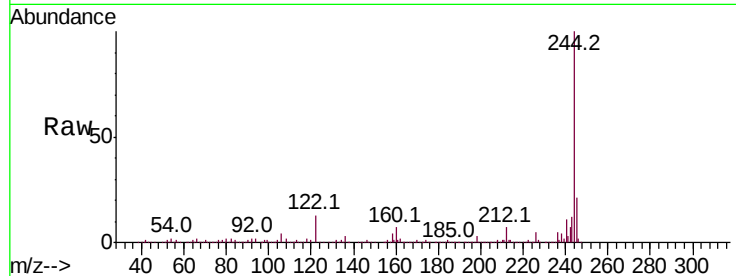
#79  
 Terphenyl-d14  
 Concen: 90.631 ng  
 RT: 12.69 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB121059BS

Tot Ion:244 Resp: 2099624  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 12.5 9.9 14.9

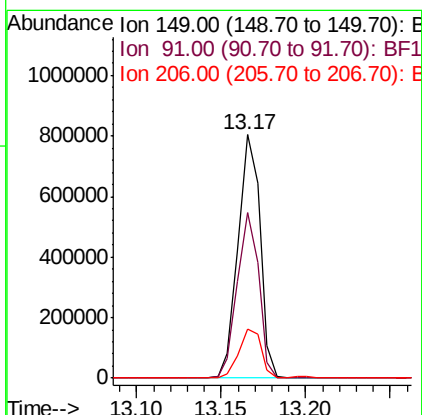
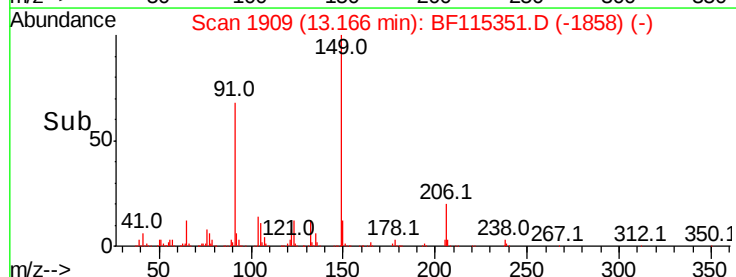
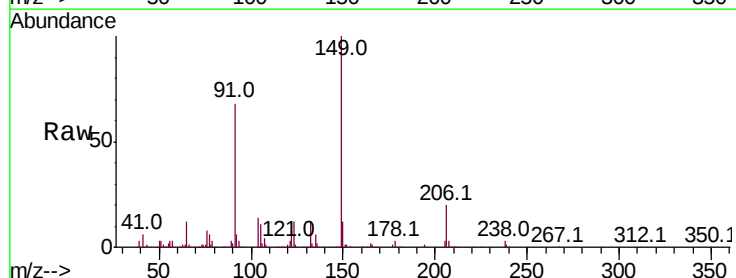
Manual Integrations  
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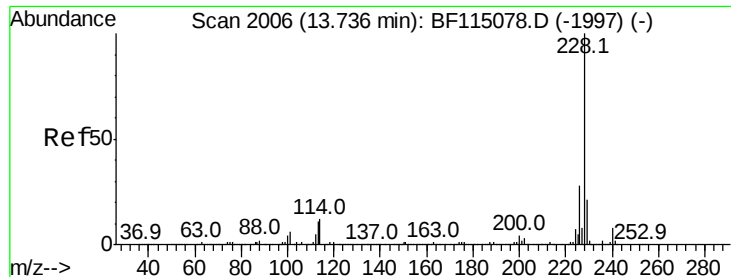
mohammad  
 7/3/2019 10:51:24 PM



#80  
 Butylbenzylphthalate  
 Concen: 43.830 ng  
 RT: 13.17 min Scan# 1909  
 Delta R.T. 0.00 min  
 Lab File: BF115351.D  
 Acq: 2 Jul 2019 9:23

Tgt Ion:149 Resp: 732176  
 Ion Ratio Lower Upper  
 149 100  
 91 68.0 54.6 81.8  
 206 20.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.405 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

ClientSampleId :

PB121059BS

Tot Ion:228 Resp: 1428029

Ion Ratio Lower Upper

228 100

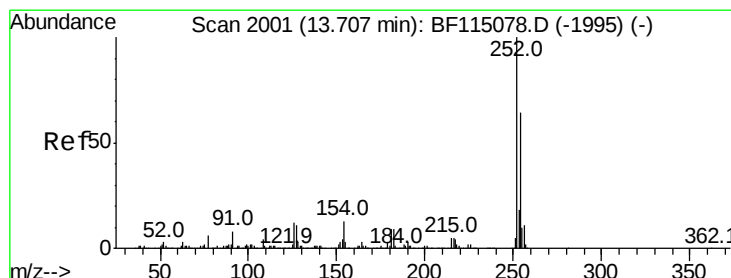
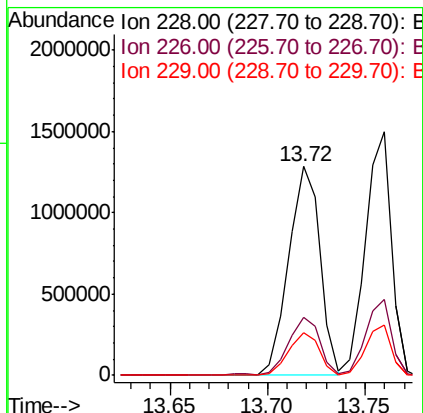
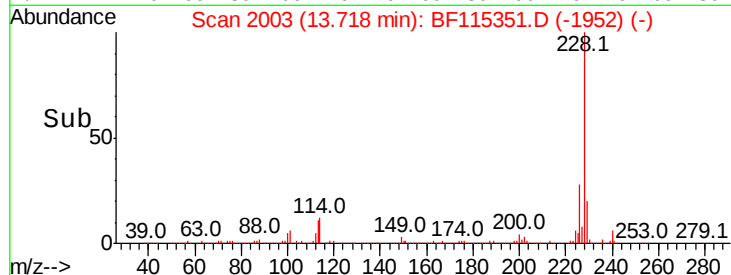
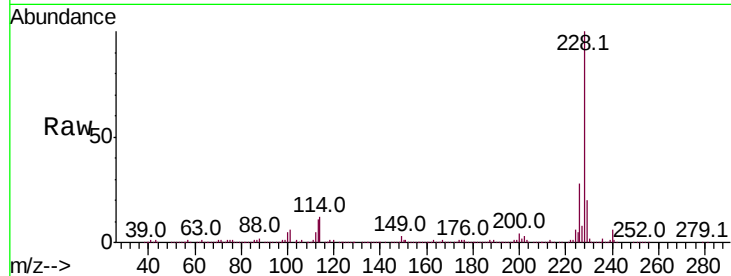
226 27.6 22.5 33.7

229 20.3 16.6 25.0

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#82

3,3'-Dichlorobenzidine

Concen: 35.212 ng

RT: 13.69 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

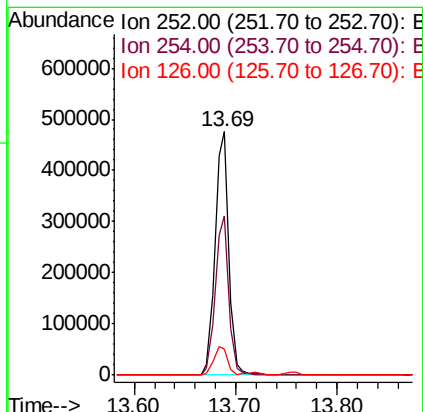
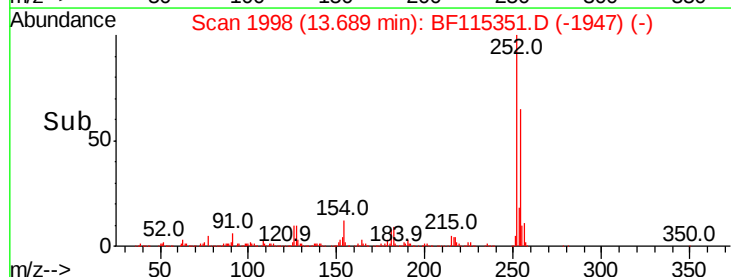
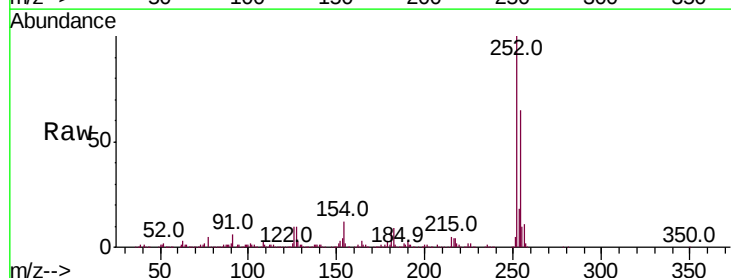
Tgt Ion:252 Resp: 449404

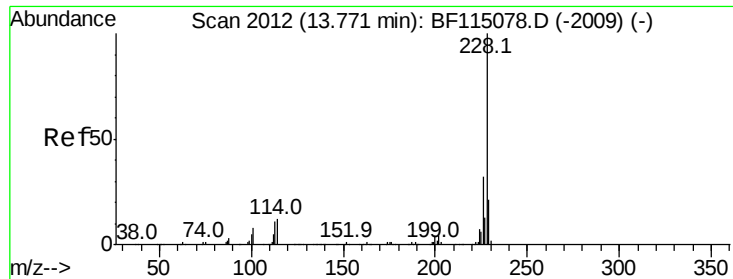
Ion Ratio Lower Upper

252 100

254 65.2 52.6 78.8

126 10.4 9.8 14.6





#83

Chrysene

Concen: 42.822 ng

RT: 13.76 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

ClientSampleId :

PB121059BS

Tot Ion:228 Resp: 1386336

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

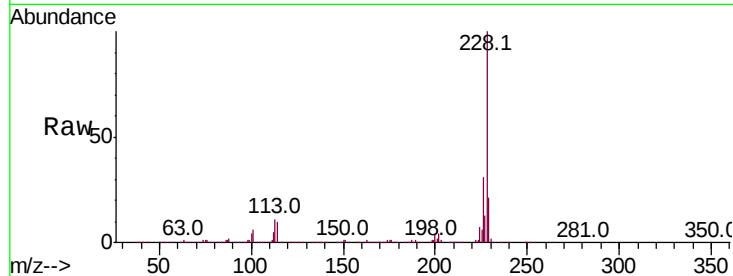
229 20.5 16.5 24.7

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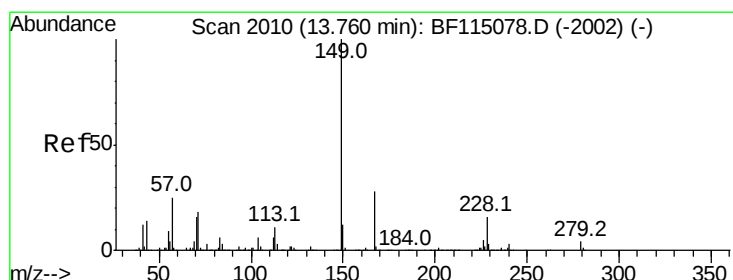
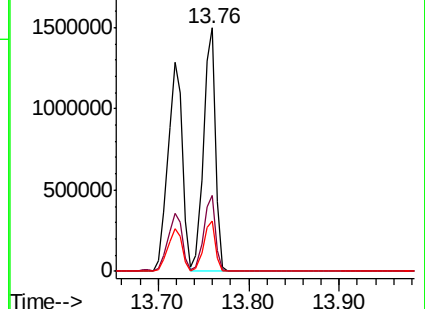
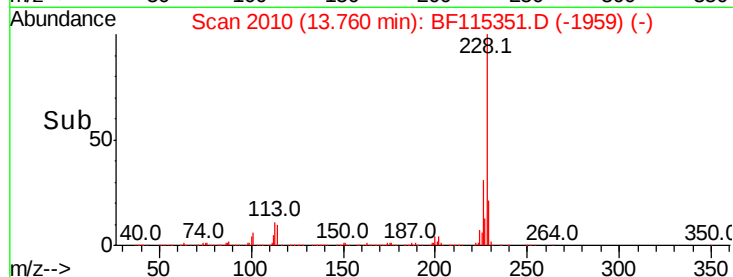
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Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.766 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

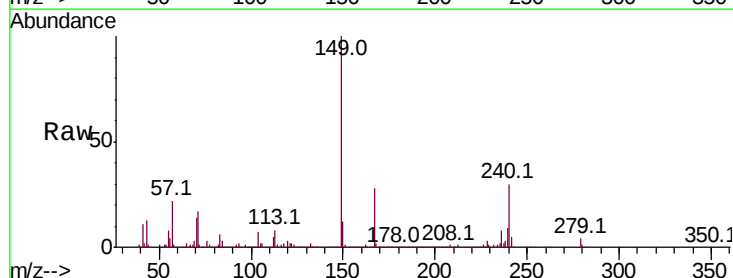
Tgt Ion:149 Resp: 957983

Ion Ratio Lower Upper

149 100

167 28.0 22.2 33.2

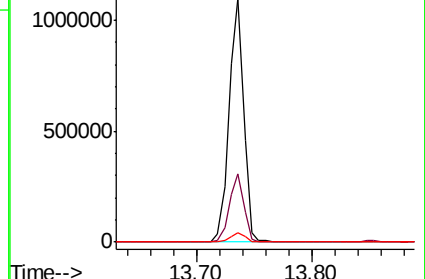
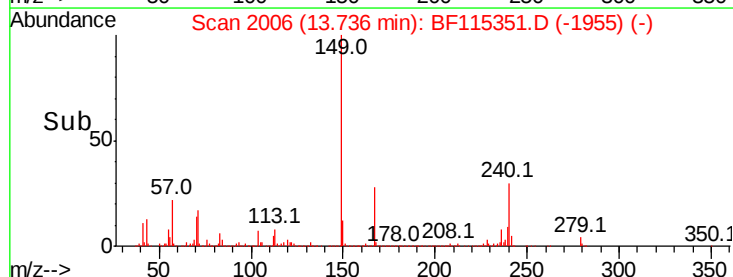
279 4.1 3.4 5.2

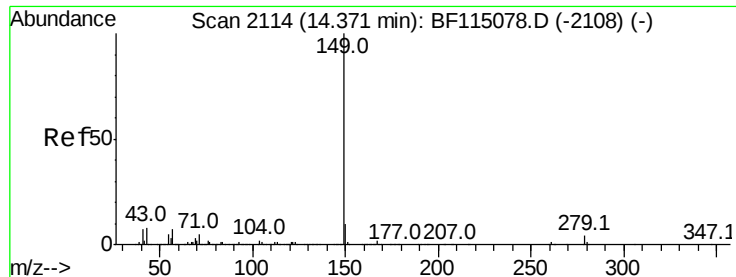


Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





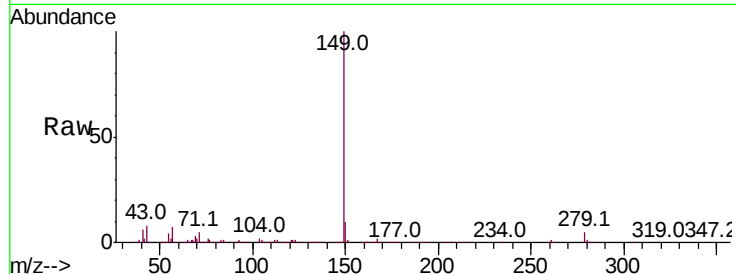
#85  
Di-n-octyl phthalate  
Concen: 45.850 ng  
RT: 14.35 min Scan# 2110  
Delta R.T. 0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 8.4   | 6.7   | 10.1  |

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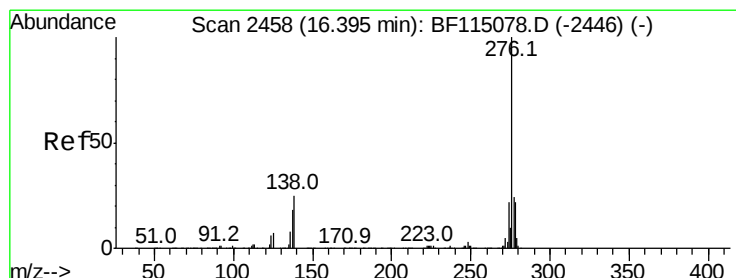
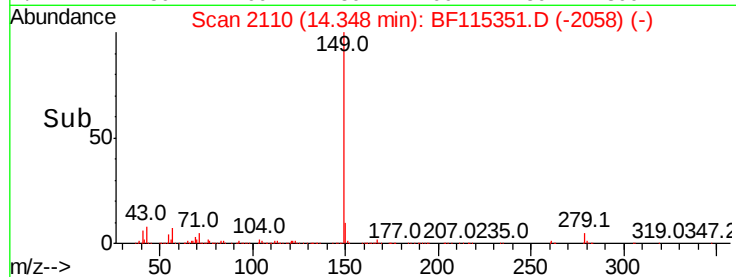
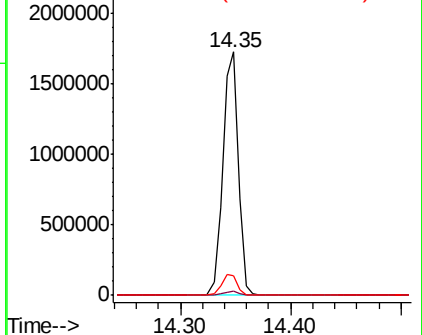


Abundance

Ion 149.00 (148.70 to 149.70): E

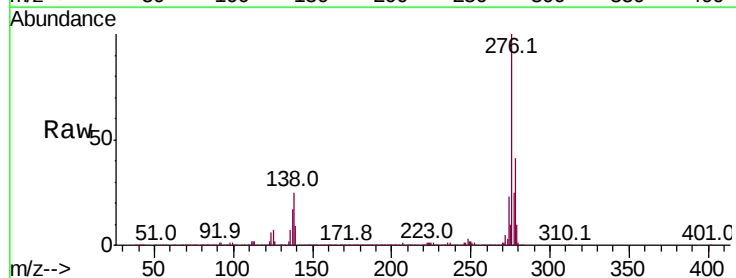
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.785 ng  
RT: 16.38 min Scan# 2456  
Delta R.T. 0.00 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 27.9  | 21.9  | 32.9  |
| 277     | 25.3  | 20.5  | 30.7  |

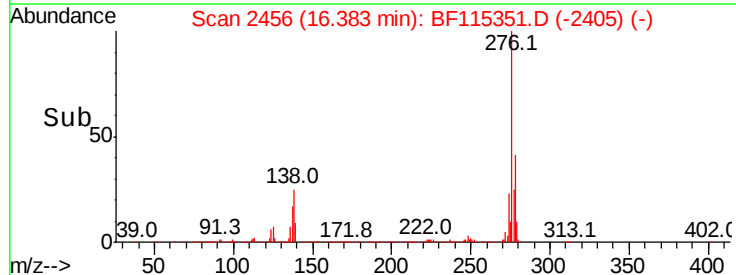
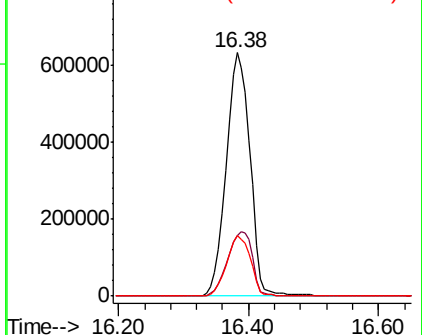


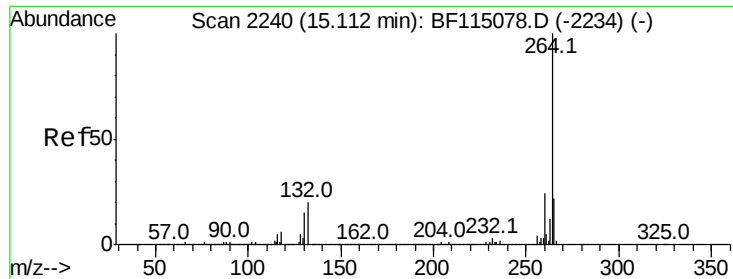
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

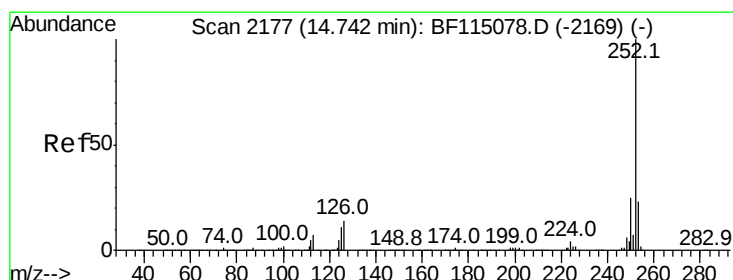
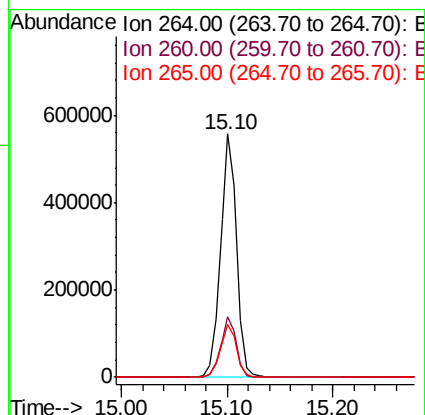
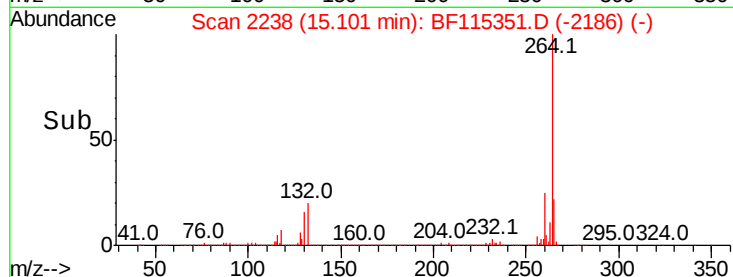
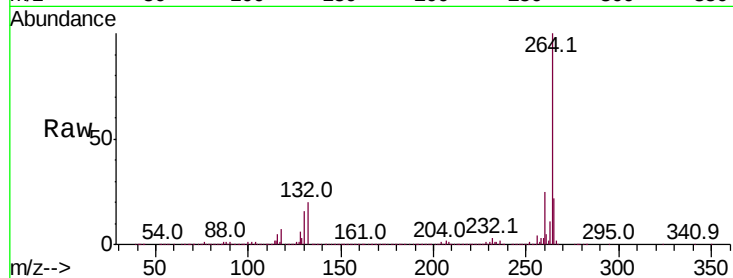
ClientSampleId :

PB121059BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 19.5  | 29.3  |
| 265     | 21.8  | 18.2  | 27.2  |

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#88

Benzo(b)fluoranthene

Concen: 39.940 ng

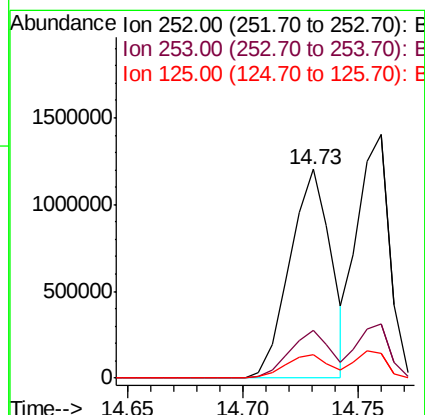
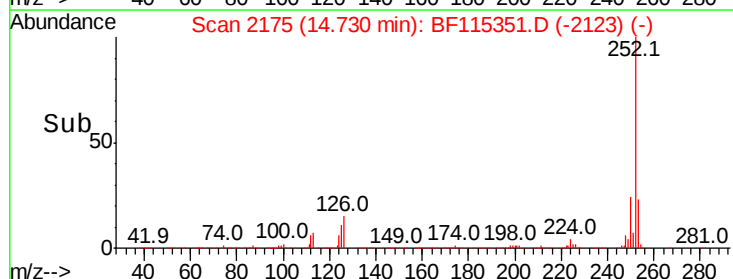
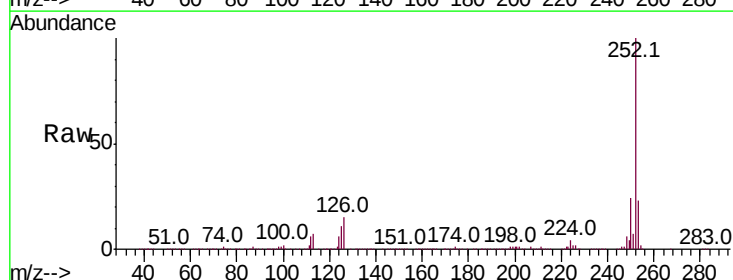
RT: 14.73 min Scan# 2175

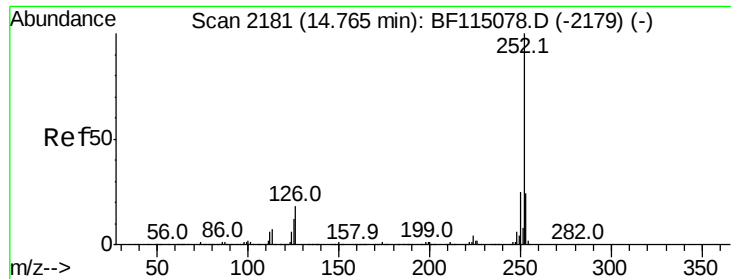
Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.0  | 27.0  |
| 125     | 11.2  | 9.3   | 13.9  |





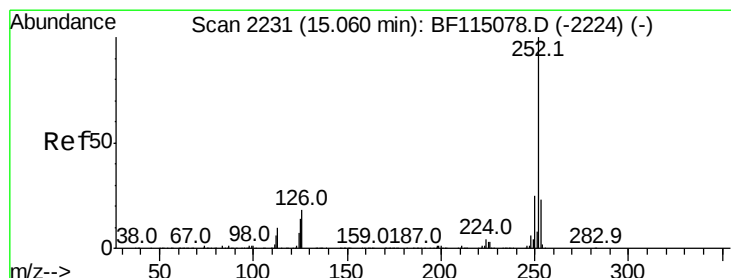
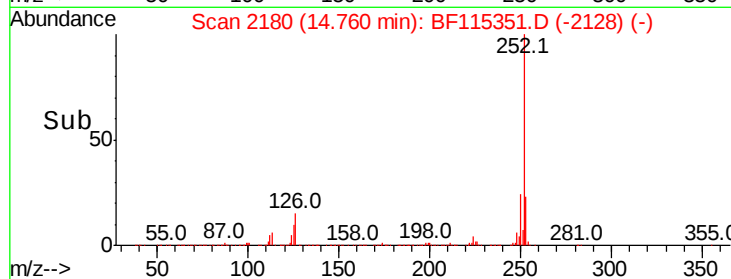
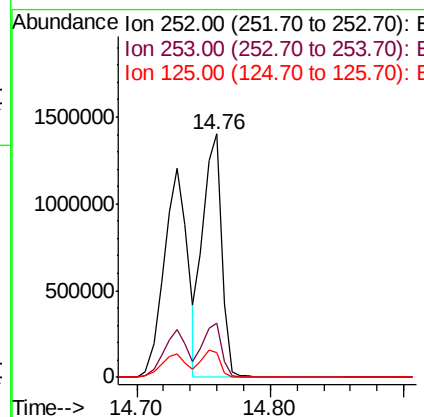
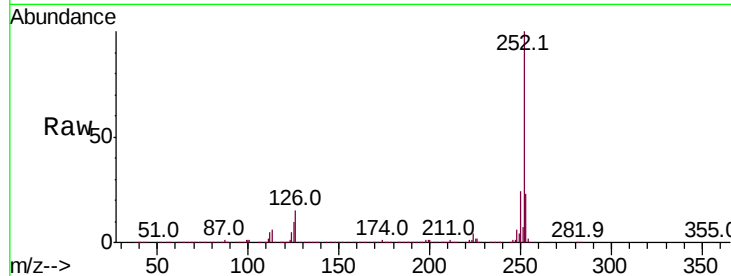
#89  
Benzo(k)fluoranthene  
Concen: 40.606 ng  
RT: 14.76 min Scan# 2180  
Delta R.T. 0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Instrument :  
BNA\_F  
ClientSampleId :  
PB121059BS

Tot Ion:252 Resp: 1361686  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 10.3 8.7 13.1

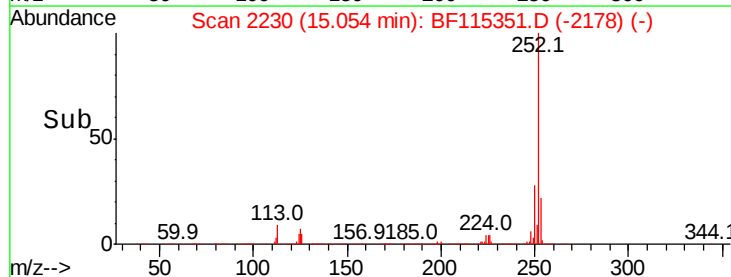
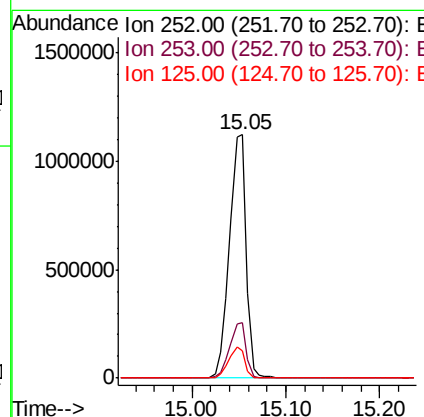
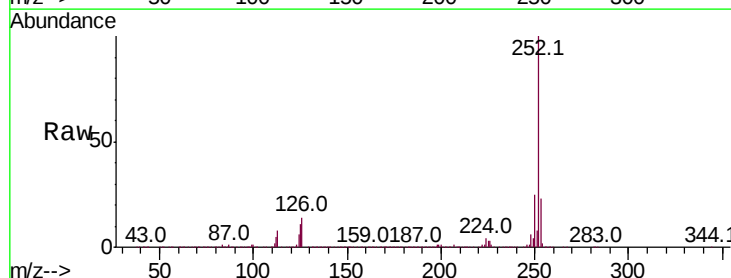
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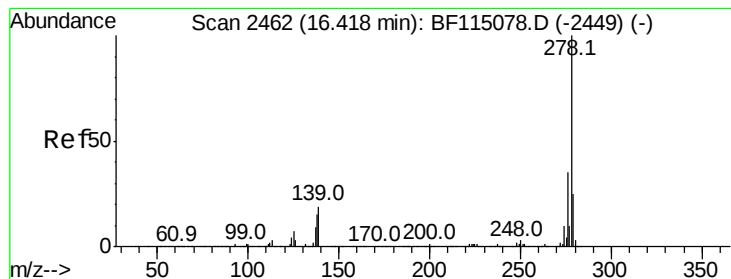
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#90  
Benzo(a)pyrene  
Concen: 41.471 ng  
RT: 15.05 min Scan# 2230  
Delta R.T. 0.01 min  
Lab File: BF115351.D  
Acq: 2 Jul 2019 9:23

Tgt Ion:252 Resp: 1397715  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.9 26.9  
125 11.1 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 41.769 ng

RT: 16.40 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

Instrument :

BNA\_F

ClientSampleId :

PB121059BS

Tot Ion:278 Resp: 1314226

Ion Ratio Lower Upper

278 100

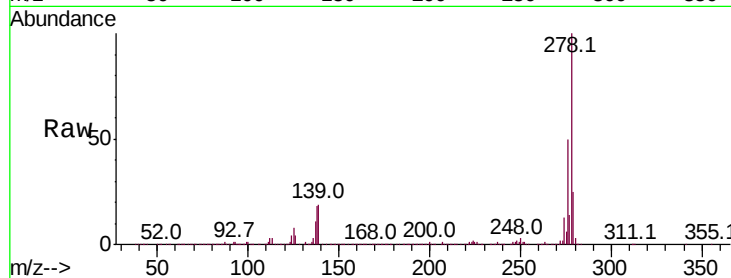
139 19.0 14.2 21.2

279 24.9 19.5 29.3

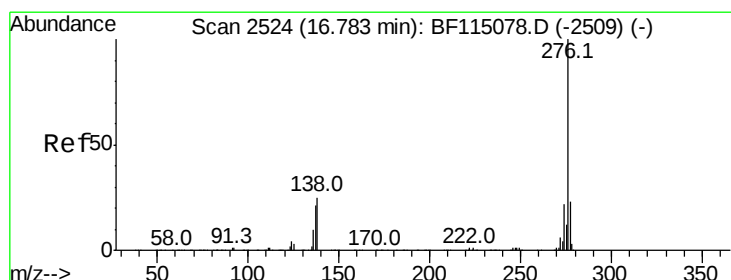
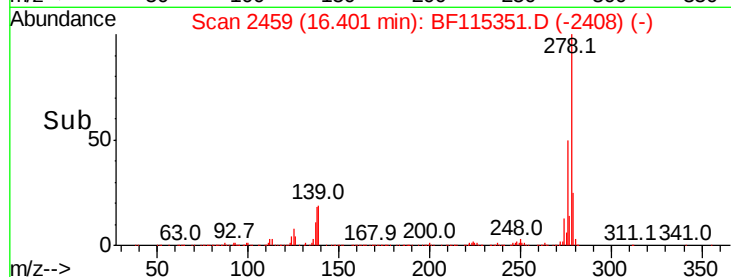
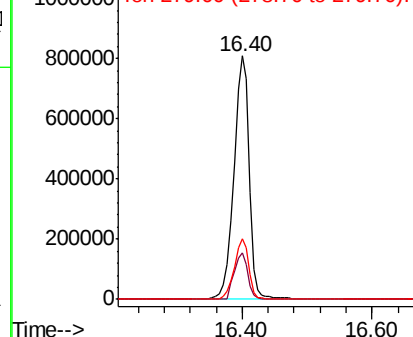
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Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.289 ng

RT: 16.77 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF115351.D

Acq: 2 Jul 2019 9:23

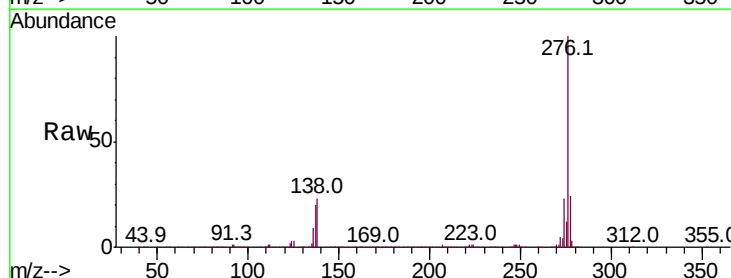
Tgt Ion:276 Resp: 1346722

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 23.1 19.0 28.6



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

