

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\  
 Data File : BF115272.D  
 Acq On : 28 Jun 2019 11:09  
 Operator : HP/JU  
 Sample : PB120961BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

Manual Integrations  
 APPROVED

mohammad  
 7/1/2019 3:05:37 PM

Quant Time: Jun 29 04:23:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 28 05:26:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 255505   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 986882   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.63  | 164  | 492840   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.10 | 188  | 958286   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.72 | 240  | 634553   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.09 | 264  | 807123   | 20.00 | ng    | 0.01     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.21  | 112 | 1925640 | 116.30 | ng | 0.02 |
| 7) Phenol-d6                | 6.25  | 99  | 2354500 | 117.16 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 7.17  | 82  | 1487573 | 92.72  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.42 | 330 | 693661  | 133.47 | ng | 0.01 |
| 45) 2-Fluorobiphenyl        | 8.96  | 172 | 2674447 | 92.18  | ng | 0.00 |
| 79) Terphenyl-d14           | 12.69 | 244 | 2913926 | 97.64  | ng | 0.00 |

|                                |      |     |         |        |        |      |
|--------------------------------|------|-----|---------|--------|--------|------|
| Target Compounds               |      |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 2.24 | 88  | 259257  | 33.178 | ng     | 98   |
| 3) Pyridine                    | 2.88 | 79  | 751235  | 34.110 | ng     | 99   |
| 4) n-Nitrosodimethylamine      | 2.83 | 42  | 322868  | 37.395 | ng     | 98   |
| 6) Aniline                     | 6.27 | 93  | 681959  | 24.691 | ng     | # 21 |
| 8) 2-Chlorophenol              | 6.39 | 128 | 783988  | 42.110 | ng     | 99   |
| 9) Benzaldehyde                | 6.14 | 77  | 155276  | 11.843 | ng     | 99   |
| 10) Phenol                     | 6.26 | 94  | 898114  | 38.152 | ng     | 92   |
| 11) bis(2-Chloroethyl)ether    | 6.34 | 93  | 726058  | 41.842 | ng     | 98   |
| 12) 1,3-Dichlorobenzene        | 6.54 | 146 | 844976  | 40.895 | ng     | 100  |
| 13) 1,4-Dichlorobenzene        | 6.62 | 146 | 851427  | 41.093 | ng     | 99   |
| 14) 1,2-Dichlorobenzene        | 6.77 | 146 | 782516  | 40.783 | ng     | 98   |
| 15) Benzyl Alcohol             | 6.75 | 79  | 592422  | 40.484 | ng     | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 6.89 | 45  | 1028258 | 40.856 | ng     | 99   |
| 17) 2-Methylphenol             | 6.87 | 107 | 669030  | 43.536 | ng     | 99   |
| 18) Hexachloroethane           | 7.11 | 117 | 302064  | 40.439 | ng     | 97   |
| 19) n-Nitroso-di-n-propylamine | 7.03 | 70  | 512234  | 39.813 | ng     | 99   |
| 20) 3+4-Methylphenols          | 7.02 | 107 | 748531  | 42.184 | ng     | # 79 |
| 22) Acetophenone               | 7.01 | 105 | 1037253 | 45.910 | ng     | # 96 |
| 24) Nitrobenzene               | 7.18 | 77  | 803071  | 45.438 | ng     | 99   |
| 25) Isophorone                 | 7.43 | 82  | 1478333 | 44.983 | ng     | 99   |
| 26) 2-Nitrophenol              | 7.50 | 139 | 450598  | 51.625 | ng     | 99   |
| 27) 2,4-Dimethylphenol         | 7.55 | 122 | 739933  | 51.777 | ng     | 98   |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93  | 928728  | 44.711 | ng     | 98   |
| 29) 2,4-Dichlorophenol         | 7.75 | 162 | 692791  | 46.976 | ng     | 99   |
| 30) 1,2,4-Trichlorobenzene     | 7.82 | 180 | 754202  | 46.298 | ng     | 100  |
| 31) Naphthalene                | 7.91 | 128 | 2191913 | 45.247 | ng     | 100  |
| 32) Benzoic acid               | 7.70 | 122 | 567812  | 55.663 | ng     | 95   |
| 33) 4-Chloroaniline            | 7.95 | 127 | 396725  | 17.919 | ng     | 98   |
| 34) Hexachlorobutadiene        | 8.03 | 225 | 405178  | 45.387 | ng     | 99   |
| 35) Caprolactam                | 8.33 | 113 | 232884m | 46.968 | ng     |      |
| 36) 4-Chloro-3-methylphenol    | 8.45 | 107 | 706884  | 47.329 | ng     | 97   |
| 37) 2-Methylnaphthalene        | 8.60 | 142 | 1529860 | 46.837 | ng     | 99   |
| 38) 1-Methylnaphthalene        | 8.70 | 142 | 1446449 | 46.367 | ng     | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.77 | 216 | 644274  | 46.261 | ng     | 99   |

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Instrument :  
 BNA\_F  
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Manual Integrations  
 APPROVED

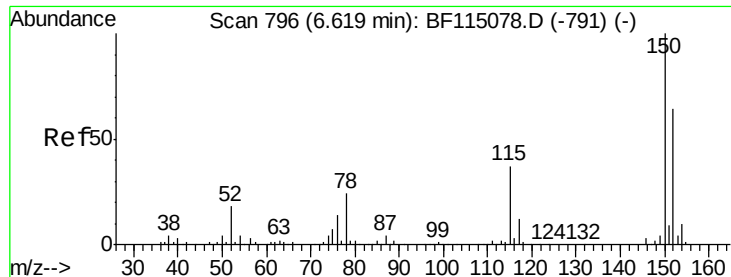
mohammad  
 7/1/2019 3:05:37 PM

Quant Time: Jun 29 04:23:37 2019  
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 QLast Update : Fri Jun 28 05:26:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.75  | 237  | 792842   | 96.008  | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.88  | 196  | 507623   | 47.212  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.92  | 196  | 533960   | 48.224  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.06  | 154  | 1771252  | 44.917  | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.08  | 162  | 1427966  | 44.642  | nq    | 98       |
| 48) 2-Nitroaniline             | 9.17  | 65   | 425437   | 45.620  | nq    | 98       |
| 49) Acenaphthylene             | 9.50  | 152  | 2218099  | 44.507  | nq    | 100      |
| 50) Dimethylphthalate          | 9.37  | 163  | 1695856  | 46.770  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.42  | 165  | 403430   | 48.193  | nq    | 100      |
| 52) Acenaphthene               | 9.67  | 154  | 1328821  | 42.610  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.58  | 138  | 263121   | 25.757  | nq    | 94       |
| 54) 2,4-Dinitrophenol          | 9.70  | 184  | 457561   | 103.816 | nq    | 96       |
| 55) Dibenzofuran               | 9.84  | 168  | 1951125  | 43.591  | nq    | 99       |
| 56) 4-Nitrophenol              | 9.76  | 139  | 719856   | 87.897  | nq    | 93       |
| 57) 2,4-Dinitrotoluene         | 9.82  | 165  | 527283   | 48.782  | nq    | 98       |
| 58) Fluorene                   | 10.18 | 166  | 1334084  | 44.727  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.95  | 232  | 470628   | 50.690  | nq    | 97       |
| 60) Diethylphthalate           | 10.07 | 149  | 1658879  | 45.513  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.17 | 204  | 659796   | 46.873  | nq    | 96       |
| 62) 4-Nitroaniline             | 10.20 | 138  | 440078   | 42.942  | nq    | 97       |
| 63) Azobenzene                 | 10.33 | 77   | 1501182  | 44.096  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.23 | 198  | 274780   | 53.282  | nq    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.30 | 169  | 1384936  | 46.388  | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.66 | 248  | 483228   | 46.510  | nq    | 93       |
| 68) Hexachlorobenzene          | 10.72 | 284  | 531017   | 47.087  | nq    | 99       |
| 69) Atrazine                   | 10.82 | 200  | 459009   | 47.794  | nq    | 99       |
| 70) Pentachlorophenol          | 10.92 | 266  | 635103   | 88.398  | nq    | 98       |
| 71) Phenanthrene               | 11.13 | 178  | 2214313  | 42.917  | nq    | 100      |
| 72) Anthracene                 | 11.18 | 178  | 2277241  | 43.724  | nq    | 99       |
| 73) Carbazole                  | 11.34 | 167  | 2067649  | 44.458  | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.68 | 149  | 2479704  | 46.141  | nq    | 98       |
| 75) Fluoranthene               | 12.31 | 202  | 2332850  | 45.316  | nq    | 99       |
| 77) Benzidine                  | 12.42 | 184  | 790188   | 28.044  | nq    | 99       |
| 78) Pyrene                     | 12.53 | 202  | 2358702  | 48.368  | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.17 | 149  | 1150940  | 53.480  | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.71 | 228  | 2171159  | 47.685  | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.68 | 252  | 572240   | 34.803  | nq    | 99       |
| 83) Chrysene                   | 13.75 | 228  | 2068454  | 49.594  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.73 | 149  | 1493363  | 52.958  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 14.34 | 149  | 2603534  | 54.951  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.37 | 276  | 2642123  | 53.536  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.72 | 252  | 2348656  | 46.635  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 14.75 | 252  | 2042794  | 45.231  | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.04 | 252  | 2183006  | 48.092  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.39 | 278  | 2138695  | 50.469  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.76 | 276  | 2264873  | 52.807  | nq    | 98       |

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





#1

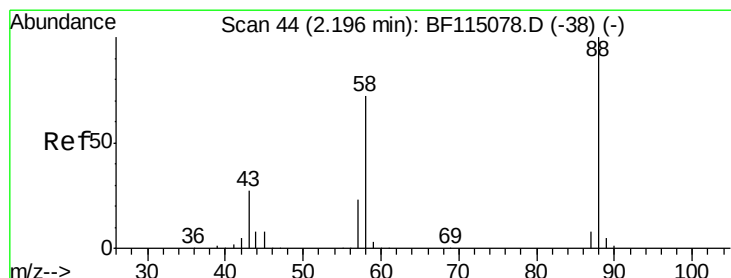
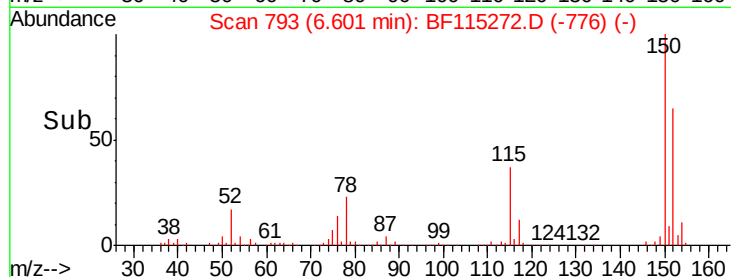
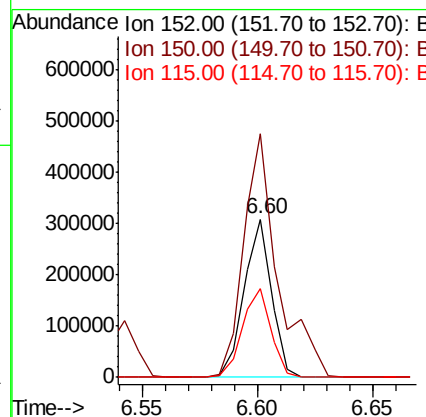
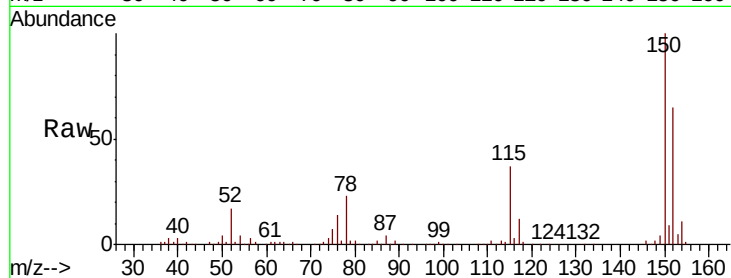
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.0 | 124.2 | 186.2 |
| 115     | 56.5  | 46.1  | 69.1  |

Manual Integrations  
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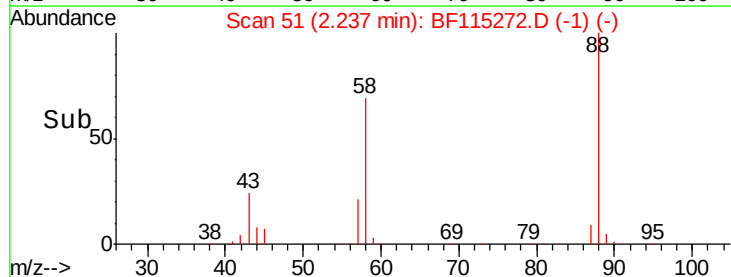
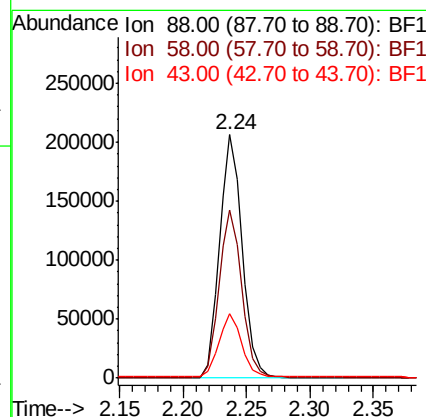
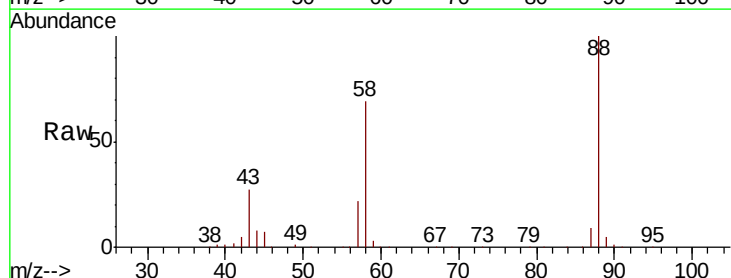
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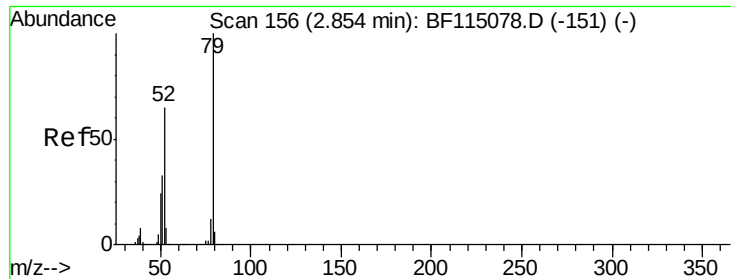


#2

1,4-Dioxane  
Concen: 33.178 ng  
RT: 2.24 min Scan# 51  
Delta R.T. 0.08 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.6  | 56.1  | 84.1  |
| 43      | 26.0  | 21.3  | 31.9  |





#3

Pvridine

Concen: 34.110 ng

RT: 2.88 min Scan# 161

Delta R.T. 0.08 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

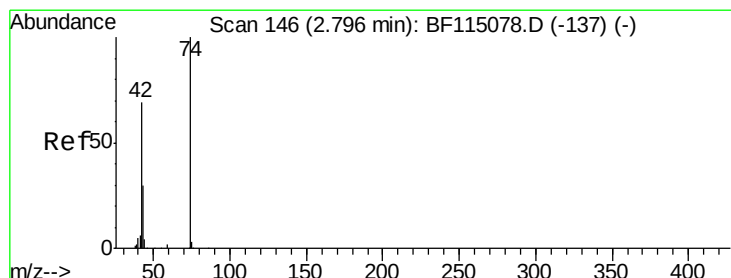
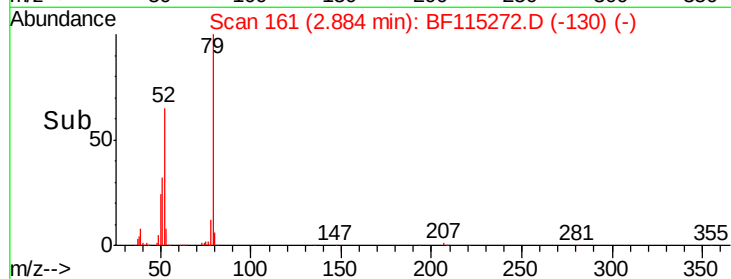
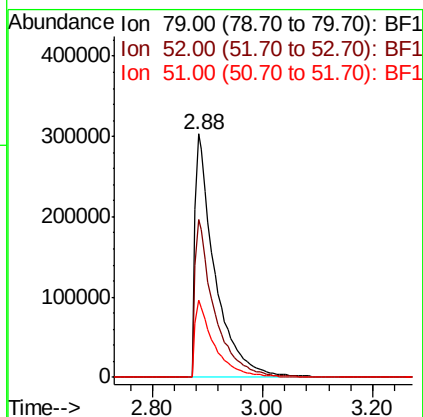
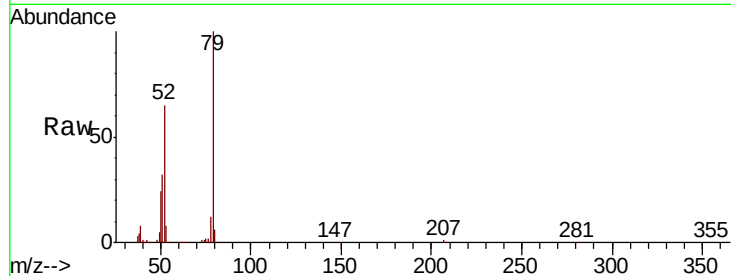
ClientSampleId :

PB120961BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 751235 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 64.7  | 52.3  | 78.5   |
| 51        | 31.5  | 26.1  | 39.1   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.395 ng

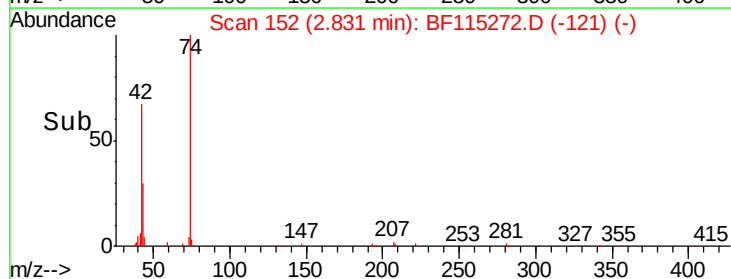
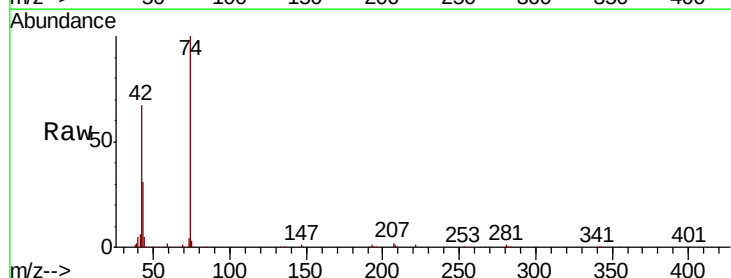
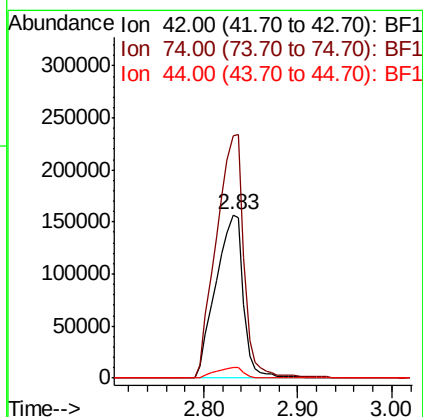
RT: 2.83 min Scan# 152

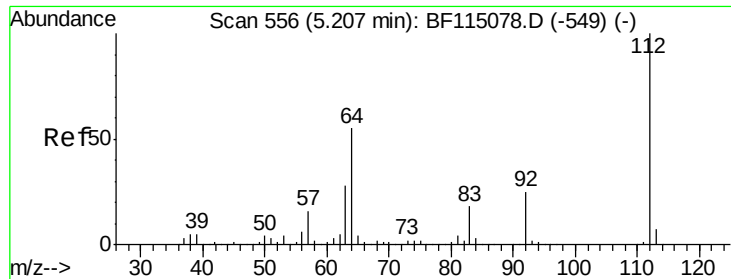
Delta R.T. 0.08 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 322868 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 148.8 | 116.6 | 175.0  |
| 44        | 6.8   | 5.3   | 7.9    |





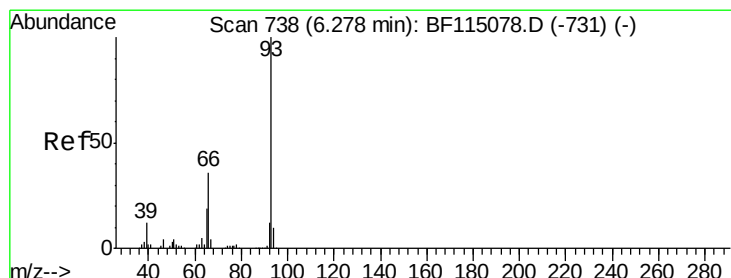
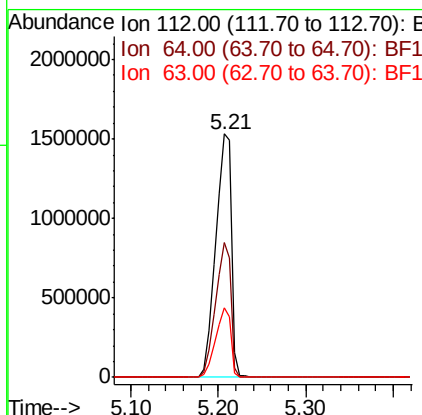
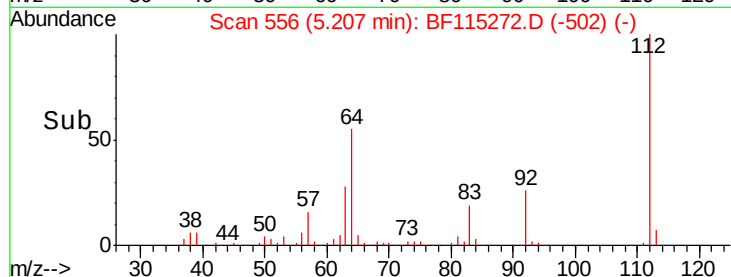
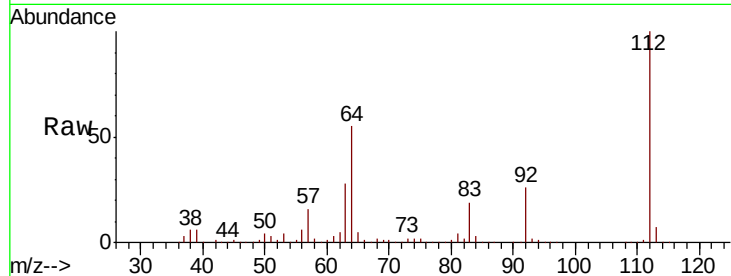
#5  
2-Fluorophenol  
Concen: 116.303 ng  
RT: 5.21 min Scan# 556  
Delta R.T. 0.02 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 55.4  | 43.8  | 65.6  |
| 63      | 28.5  | 22.2  | 33.4  |

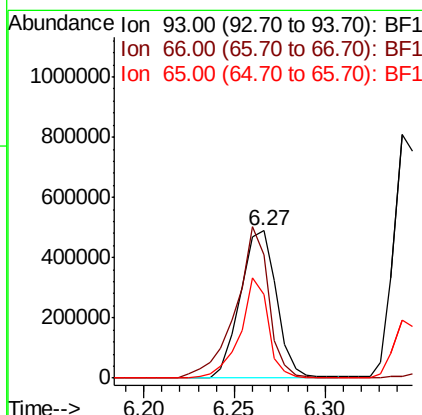
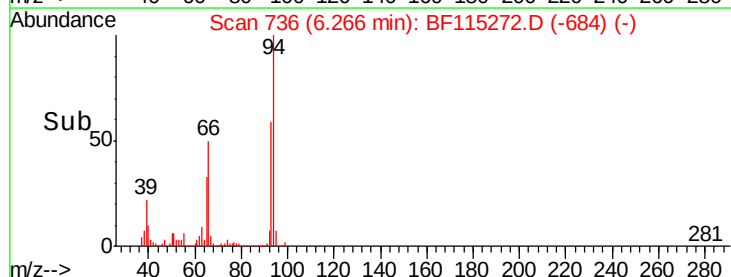
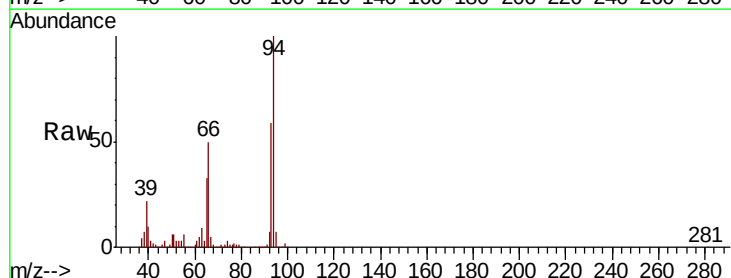
Manual Integrations  
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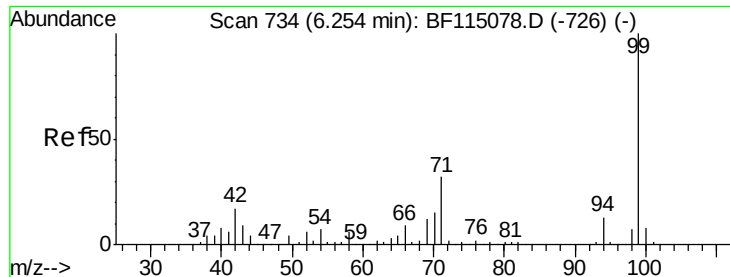
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7/1/2019 3:05:37 PM



#6  
Aniline  
Concen: 24.691 ng  
RT: 6.27 min Scan# 736  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 83.9  | 30.0  | 45.0# |
| 65      | 56.4  | 15.6  | 23.4# |





#7

Phenol-d6

Concen: 117.161 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

ClientSampleId :

PB120961BS

Tot Ion: 99 Resp: 2354500

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

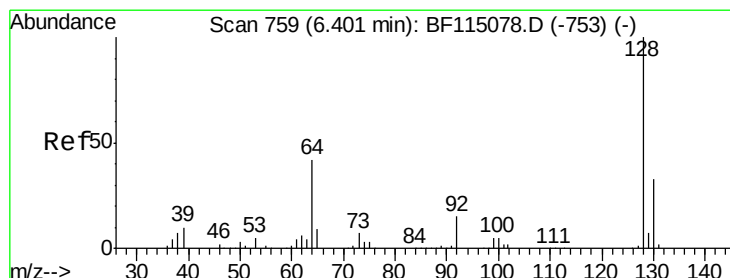
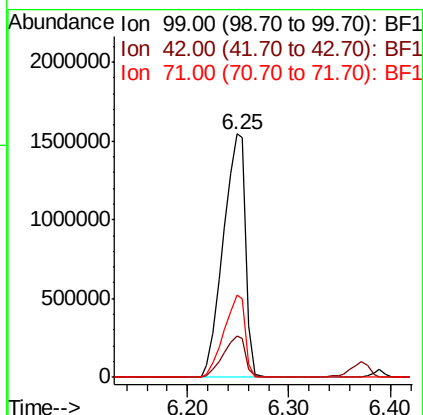
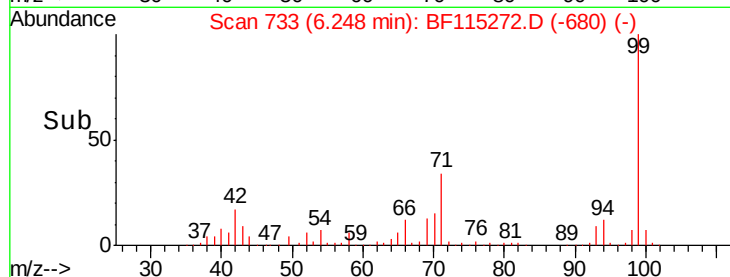
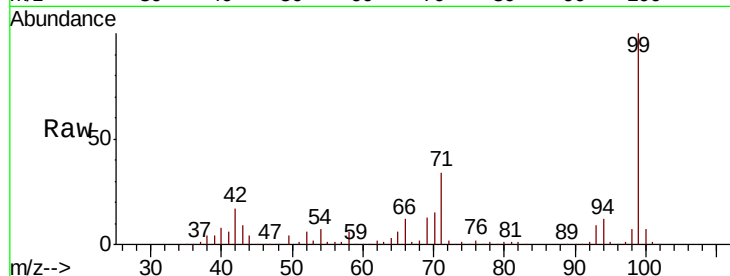
71 33.7 25.5 38.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.110 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

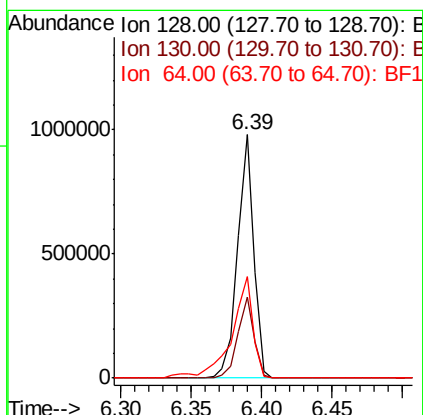
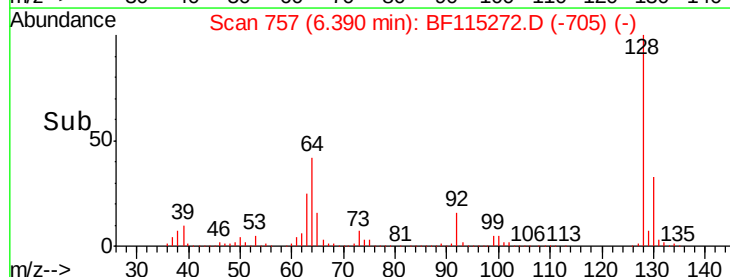
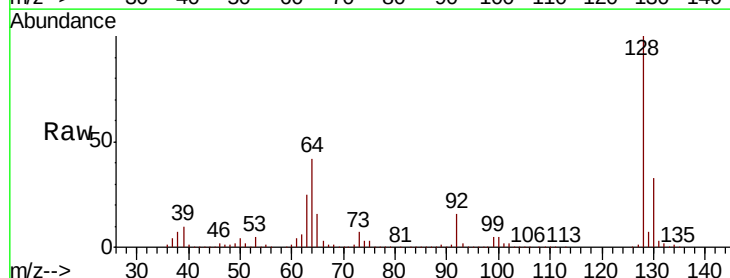
Tgt Ion: 128 Resp: 783988

Ion Ratio Lower Upper

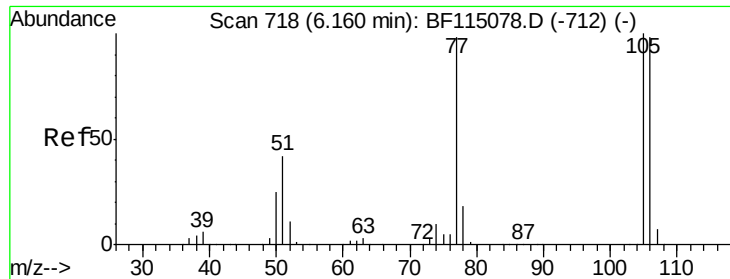
128 100

130 33.4 12.9 52.9

64 41.8 22.9 62.9







#9

Benzaldehyde

Concen: 11.843 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

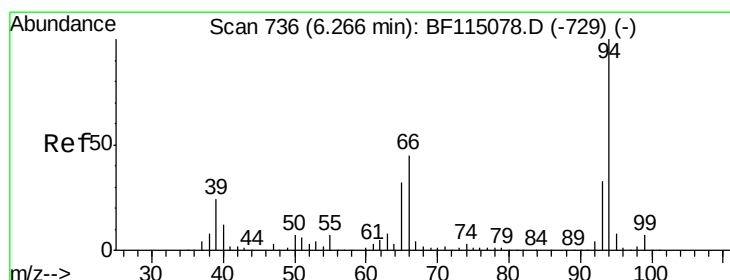
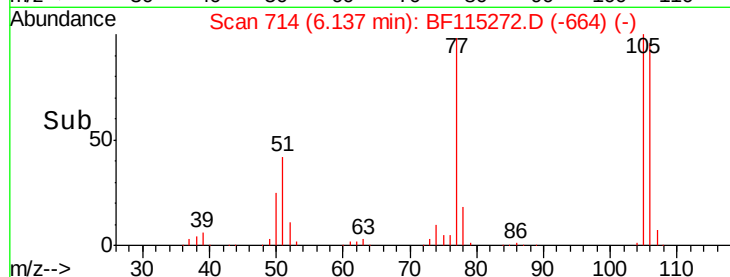
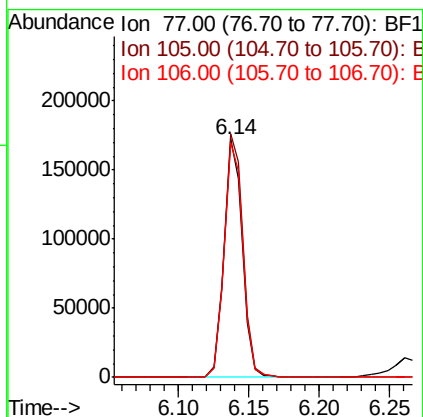
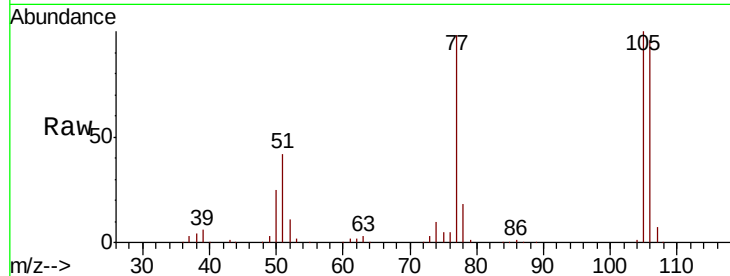
ClientSampleId :

PB120961BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 155276 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 102.2 | 81.5  | 121.5  |
| 106      | 98.5  | 79.7  | 119.7  |

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#10

Phenol

Concen: 38.152 ng

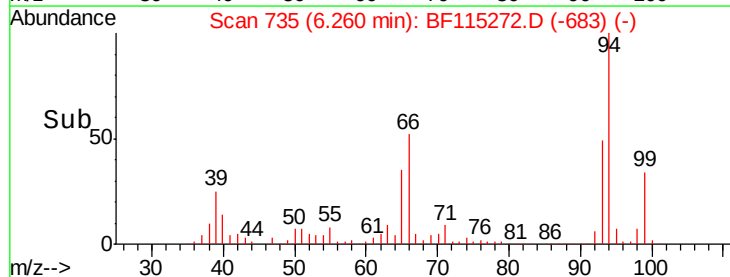
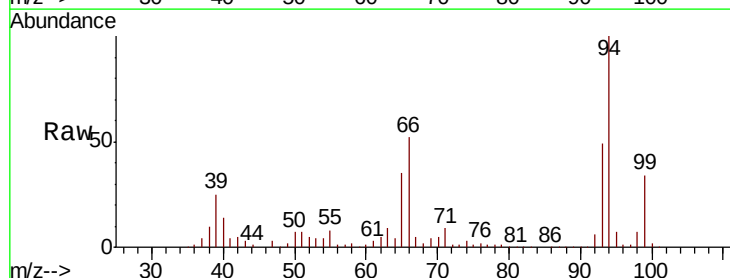
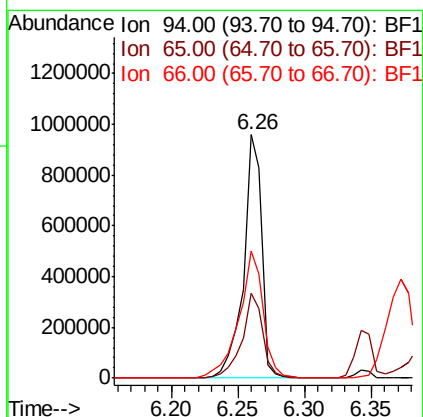
RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

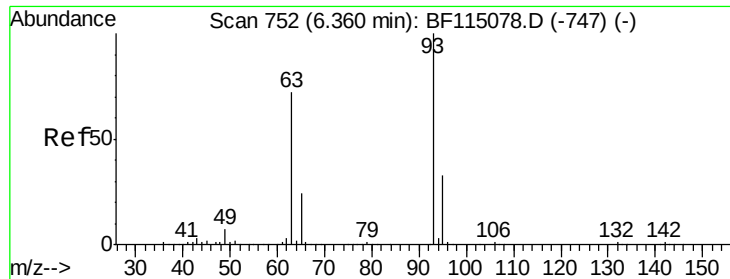
Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 898114 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.7  | 11.9  | 51.9   |
| 66       | 52.3  | 25.2  | 65.2   |







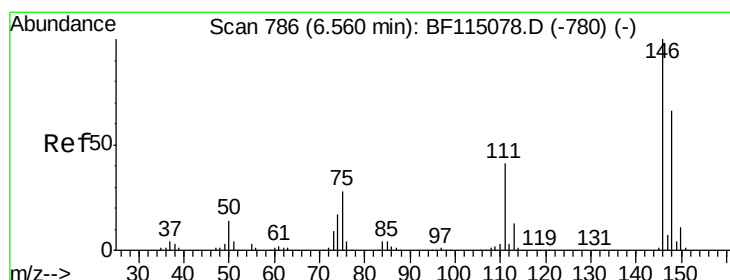
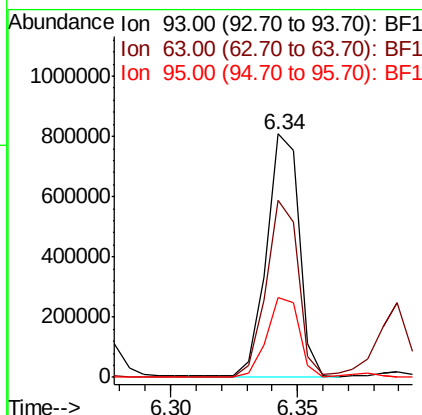
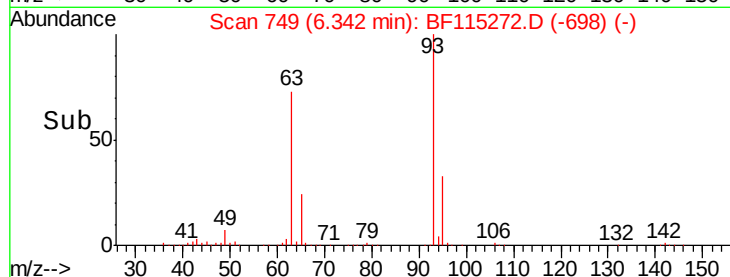
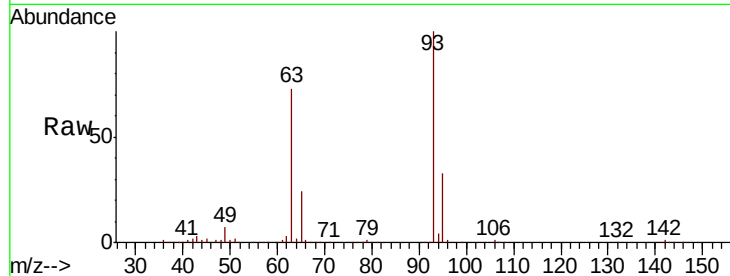
#11  
bis(2-Chloroethyl)ether  
Concen: 41.842 ng  
RT: 6.34 min Scan# 749  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 72.9  | 51.5  | 91.5  |
| 95      | 32.5  | 13.4  | 53.4  |

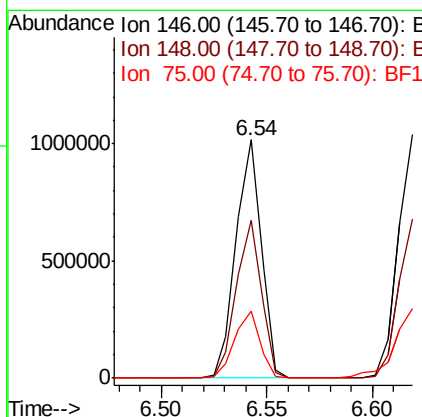
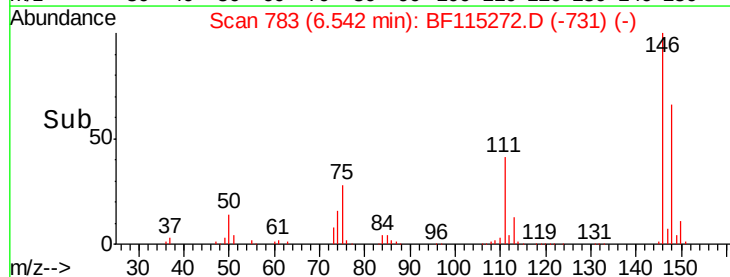
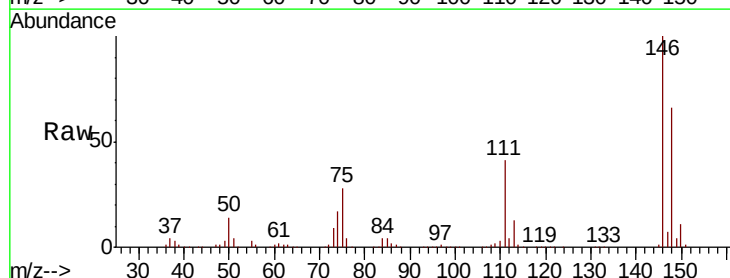
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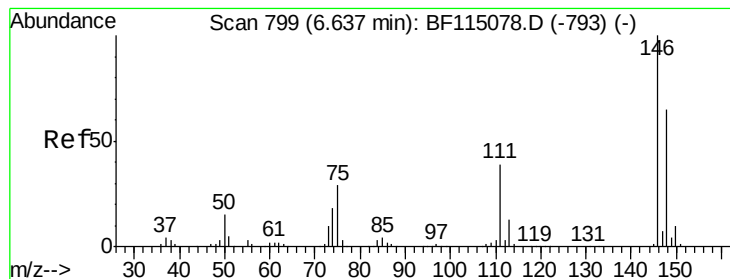
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#12  
1,3-Dichlorobenzene  
Concen: 40.895 ng  
RT: 6.54 min Scan# 783  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 52.6  | 78.8  |
| 75      | 27.9  | 22.6  | 34.0  |





#13

1,4-Dichlorobenzene

Concen: 41.093 ng

RT: 6.62 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

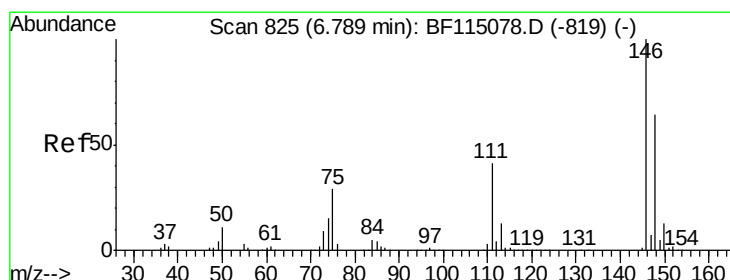
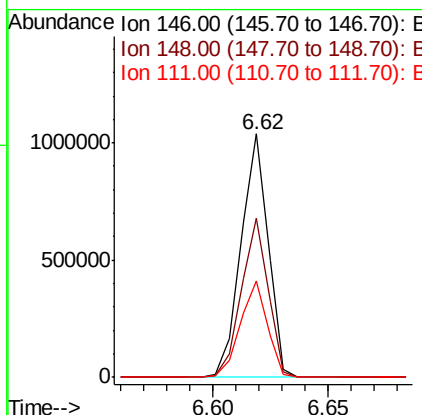
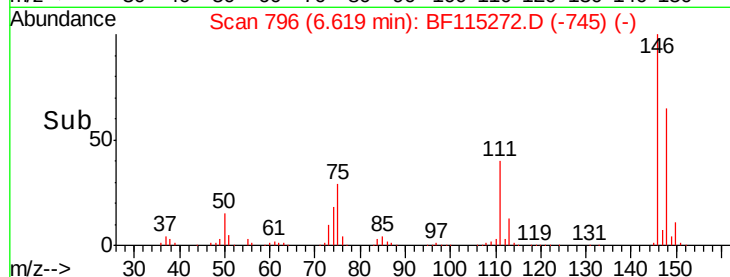
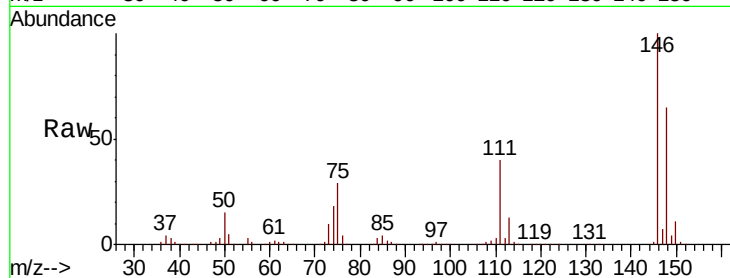
ClientSampleId :

PB120961BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 851427 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.2  | 51.9  | 77.9   |
| 111       | 39.7  | 31.4  | 47.0   |

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#14

1,2-Dichlorobenzene

Concen: 40.783 ng

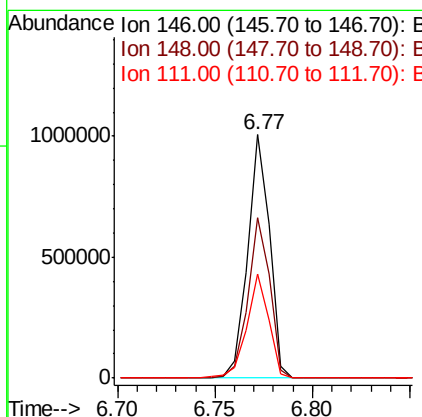
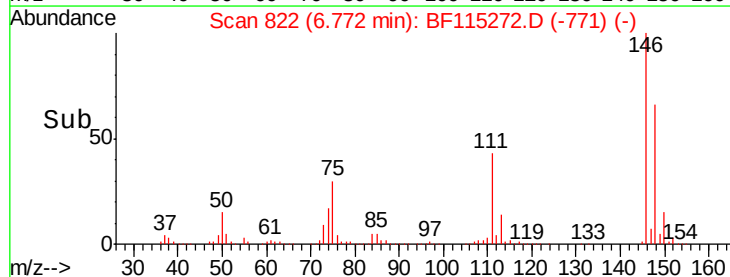
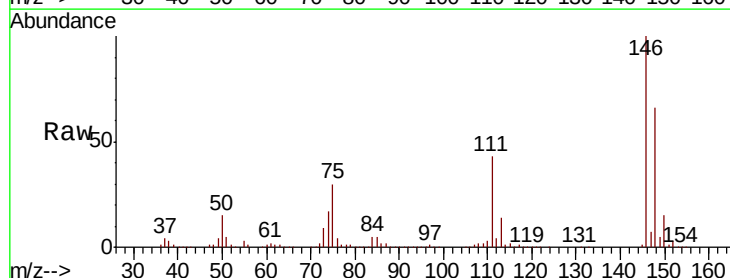
RT: 6.77 min Scan# 822

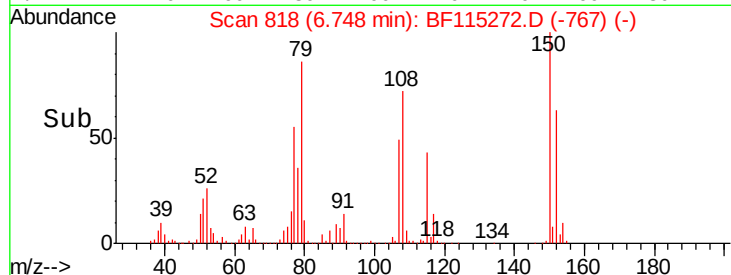
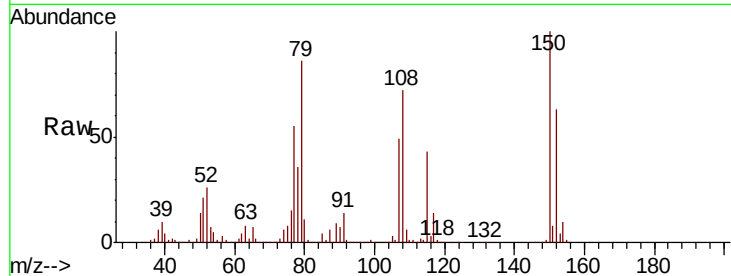
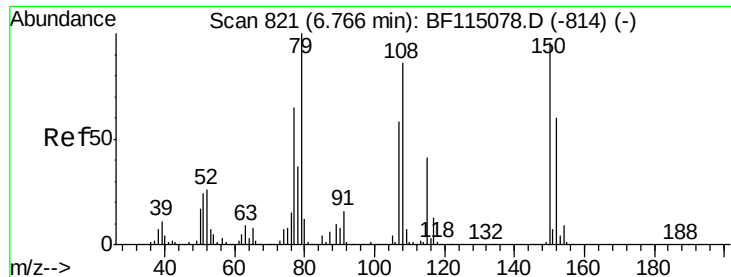
Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 782516 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.7  | 51.1  | 76.7   |
| 111       | 42.7  | 33.2  | 49.8   |





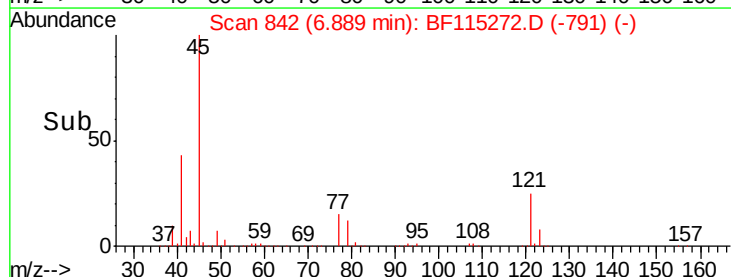
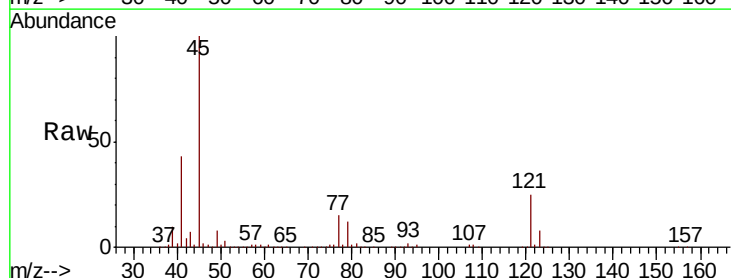
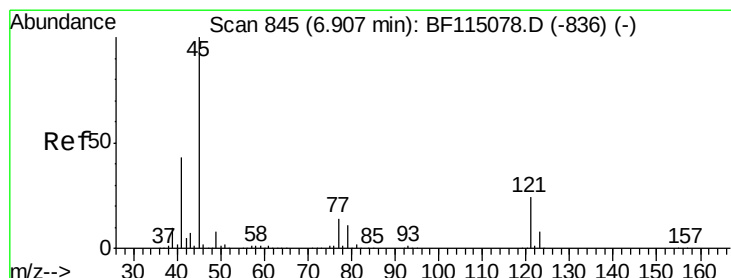
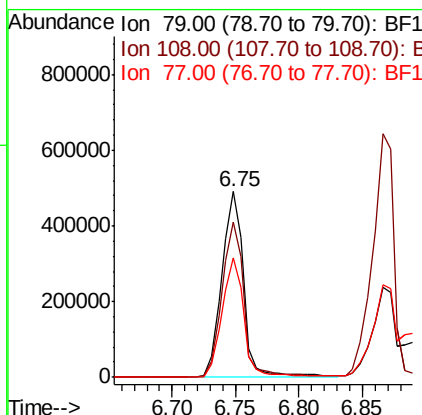
#15  
Benzyl Alcohol  
Concen: 40.484 ng  
RT: 6.75 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Tot Ion: 79 Resp: 592422  
Ion Ratio Lower Upper  
79 100  
108 83.9 68.7 103.1  
77 64.6 51.7 77.5

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

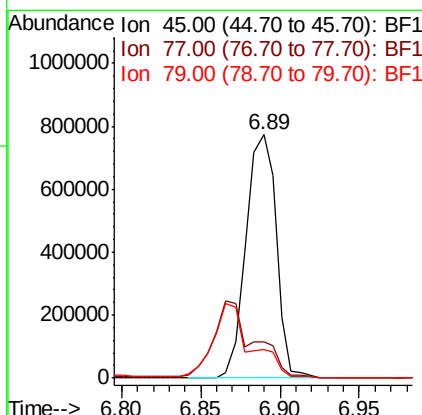
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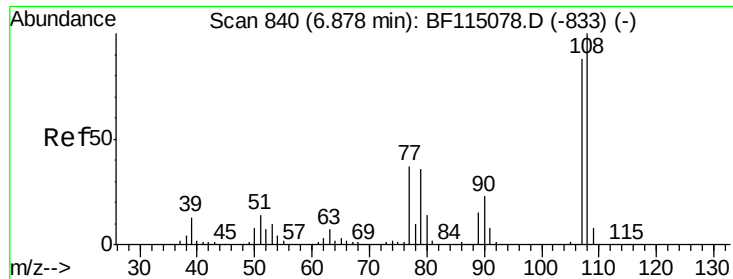
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.856 ng  
RT: 6.89 min Scan# 842  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Tgt Ion: 45 Resp: 1028258  
Ion Ratio Lower Upper  
45 100  
77 15.1 0.0 34.6  
79 11.8 0.0 31.2





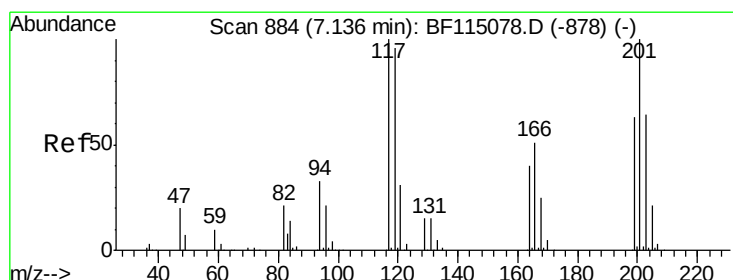
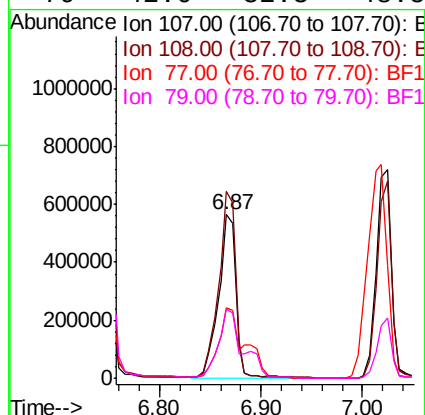
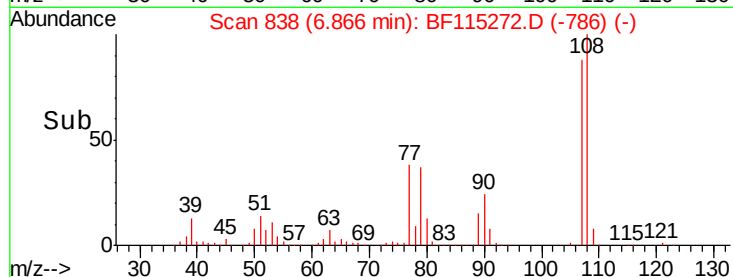
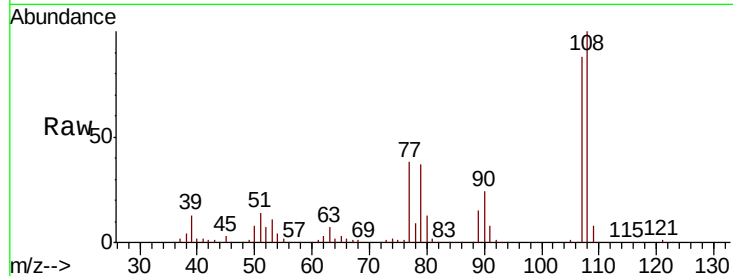
#17  
2-Methylphenol  
Concen: 43.536 ng  
RT: 6.87 min Scan# 838  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 669030 |       |       |
| 108     | 114.2 | 90.9   | 136.3 |       |
| 77      | 43.3  | 33.4   | 50.2  |       |
| 79      | 42.0  | 32.3   | 48.5  |       |

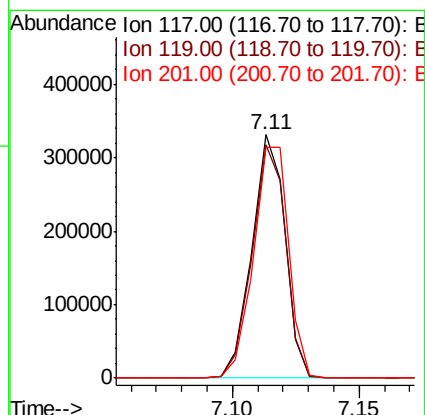
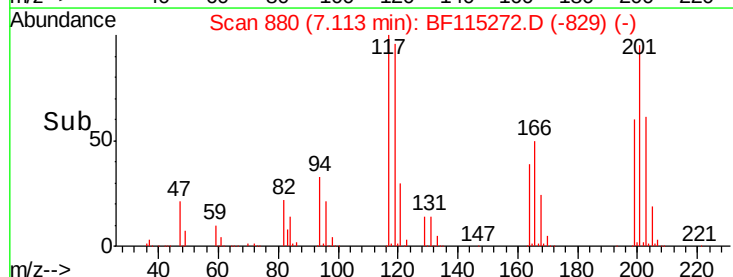
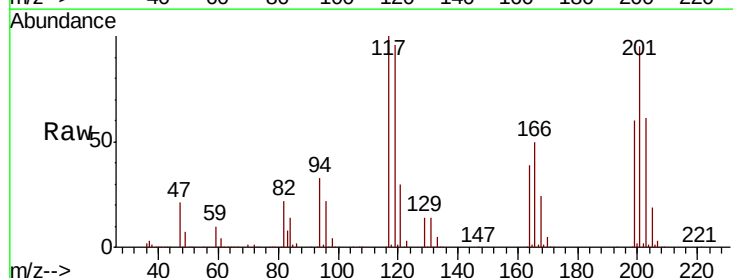
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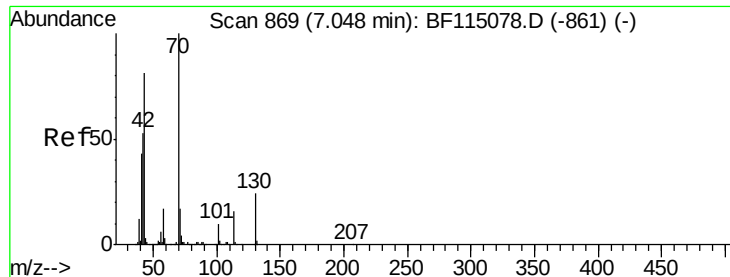
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#18  
Hexachloroethane  
Concen: 40.439 ng  
RT: 7.11 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 302064 |       |       |
| 119     | 95.7  | 76.6   | 114.8 |       |
| 201     | 95.0  | 80.2   | 120.2 |       |





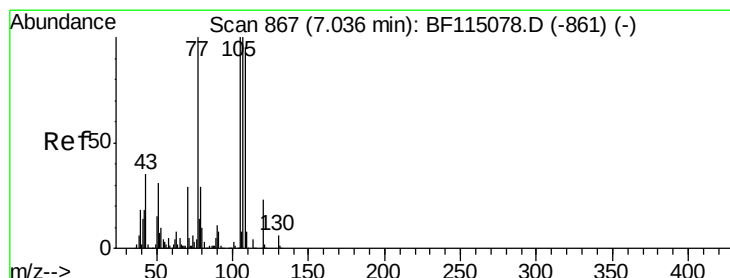
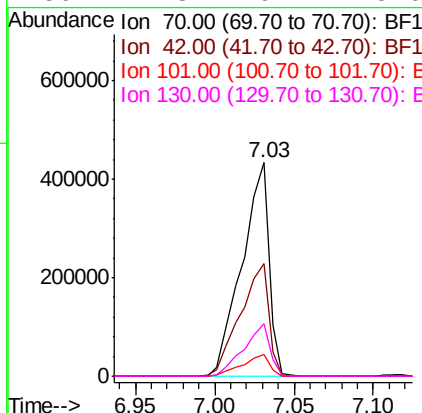
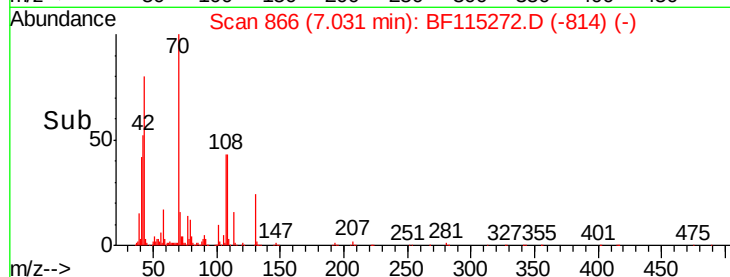
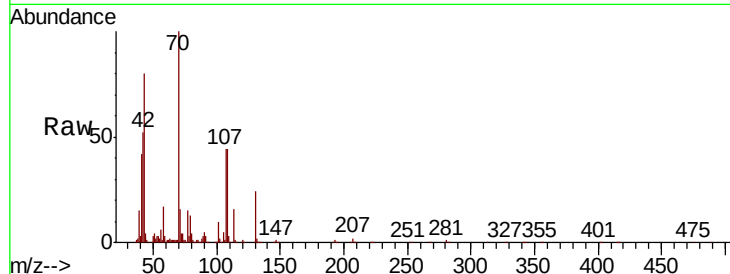
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.813 ng  
RT: 7.03 min Scan# 866  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 52.5 | 42.6  | 63.8  |       |
| 101     | 10.1 | 8.0   | 12.0  |       |
| 130     | 24.3 | 19.4  | 29.0  |       |

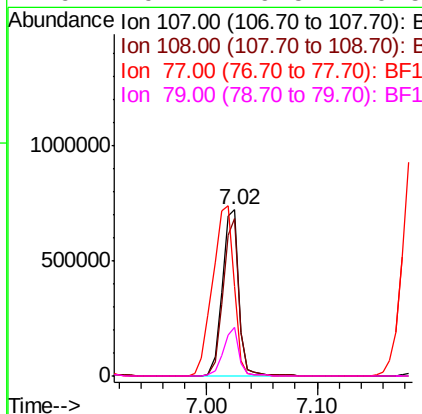
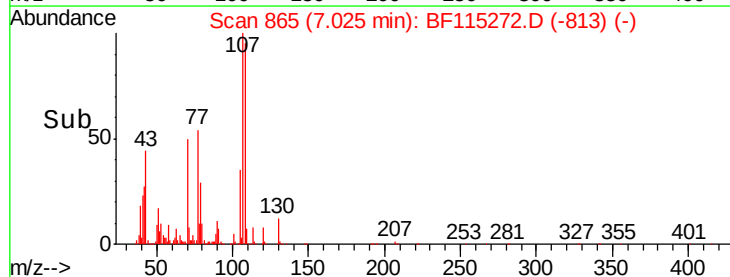
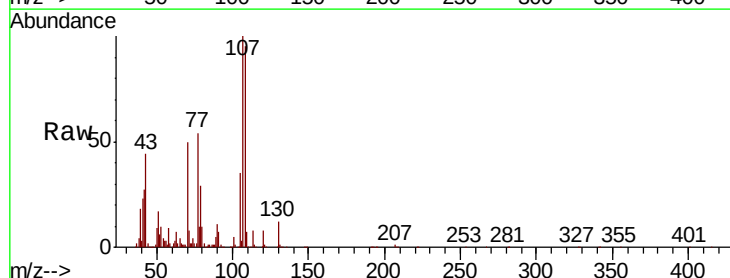
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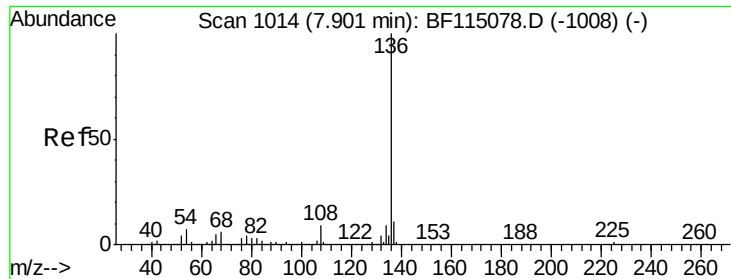
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#20  
3+4-Methylphenols  
Concen: 42.184 ng  
RT: 7.02 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 94.6 | 75.5  | 115.5 |       |
| 77      | 53.7 | 80.2  | 120.2 |       |
| 79      | 29.1 | 9.5   | 49.5  |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

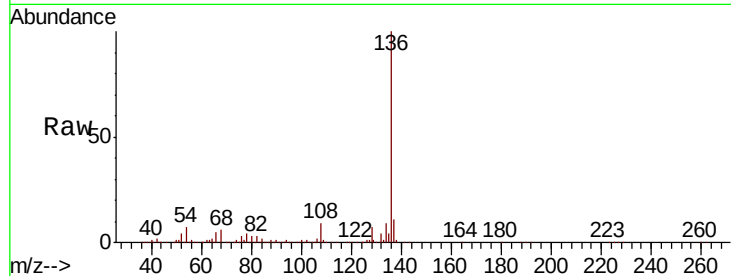
ClientSampleId :

PB120961BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 986882 |       |       |
| 137     | 11.2  | 8.9    | 13.3  |       |
| 54      | 6.8   | 5.6    | 8.4   |       |
| 68      | 6.1   | 4.8    | 7.2   |       |

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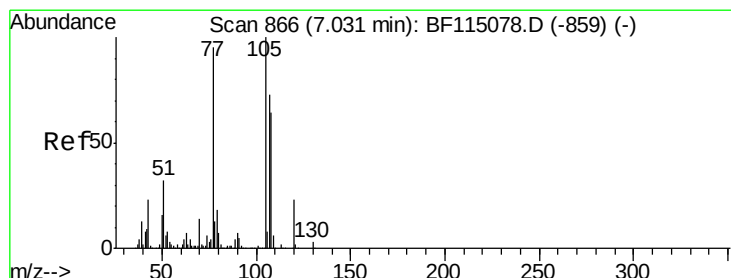
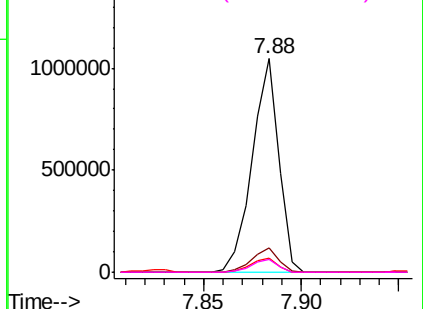
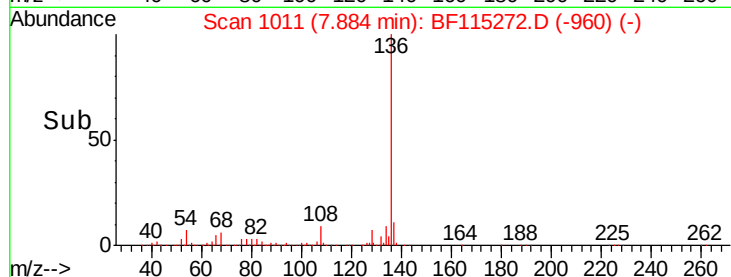
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.910 ng

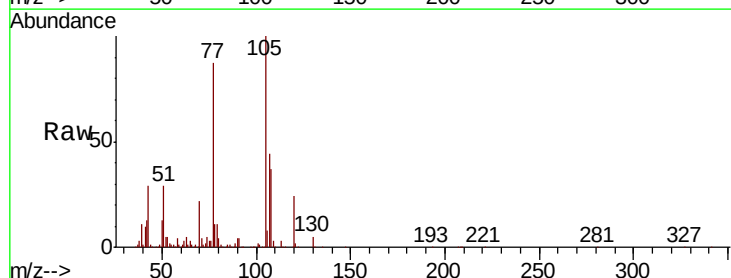
RT: 7.01 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 105     | 100   | 1037253 |       |       |
| 71      | 3.8   | 1.9     | 2.9#  |       |
| 51      | 29.0  | 25.8    | 38.8  |       |
| 120     | 23.5  | 18.5    | 27.7  |       |



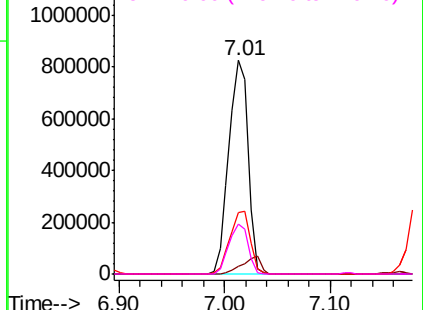
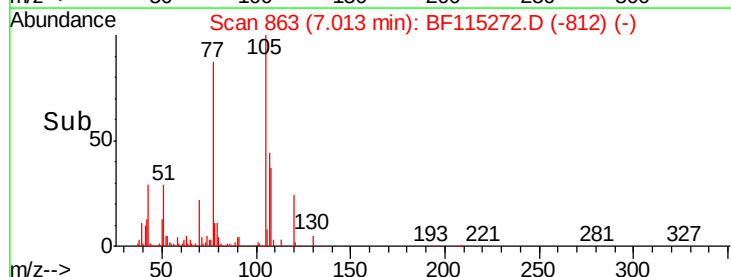
Abundance

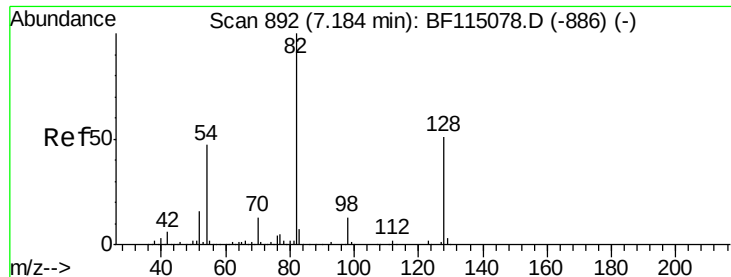
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





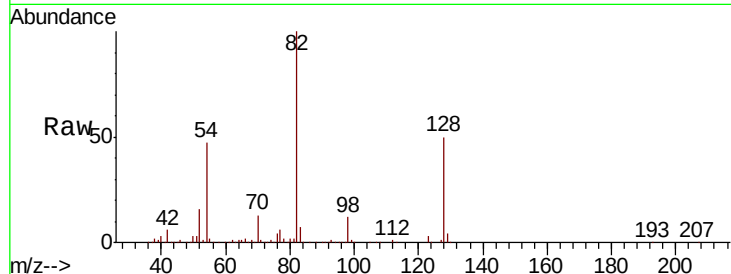
#23  
 Nitrobenzene-d5  
 Concen: 92.725 ng  
 RT: 7.17 min Scan# 889  
 Delta R.T. 0.00 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 50.5  | 40.4  | 60.6  |
| 54      | 47.0  | 37.5  | 56.3  |

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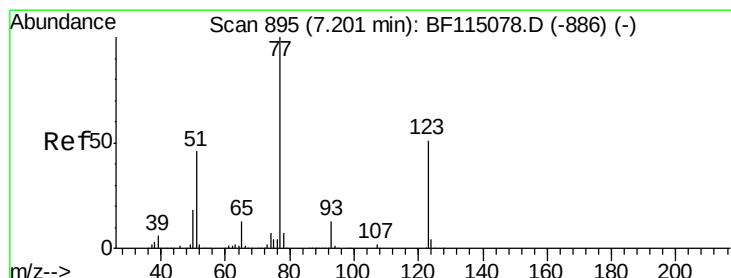
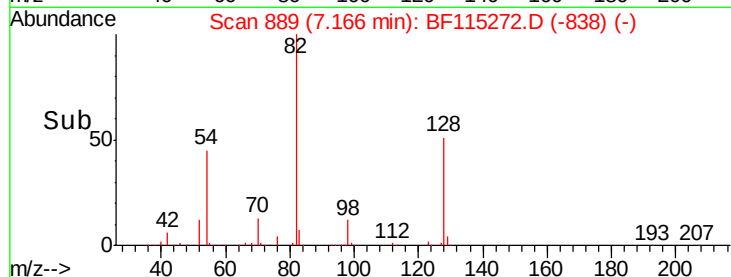
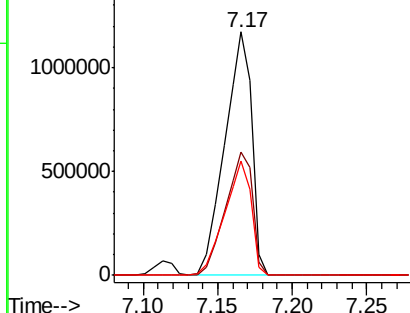


Abundance

Ion 82.00 (81.70 to 82.70): BF1

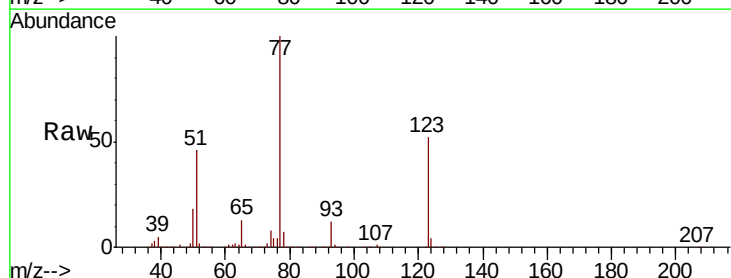
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24  
 Nitrobenzene  
 Concen: 45.438 ng  
 RT: 7.18 min Scan# 892  
 Delta R.T. 0.00 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 51.7  | 41.0  | 61.6  |
| 65      | 13.2  | 10.5  | 15.7  |

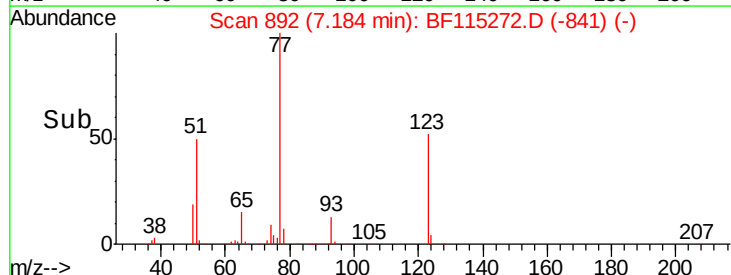
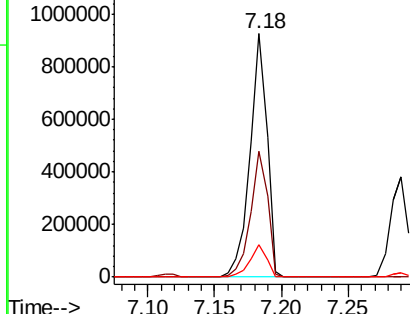


Abundance

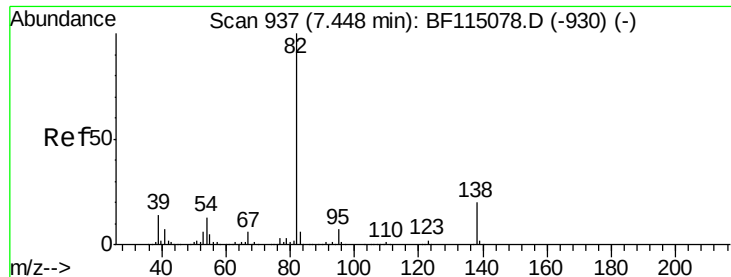
Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 44.983 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

ClientSampleId :

PB120961BS

Tot Ion: 82 Resp: 1478333

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

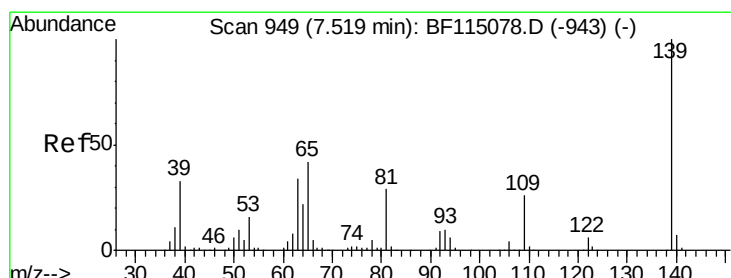
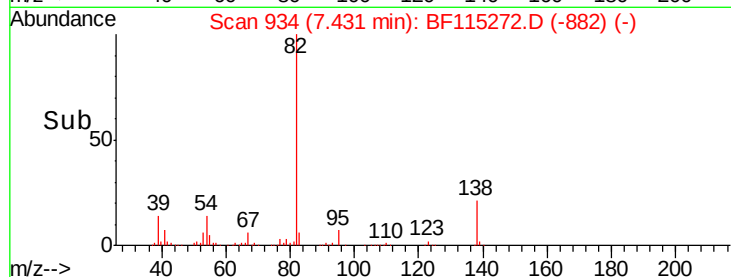
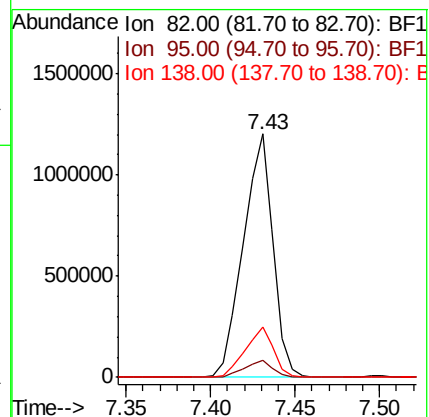
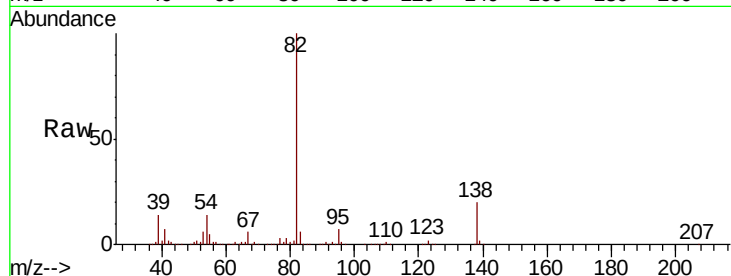
138 20.5 15.9 23.9

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#26

2-Nitrophenol

Concen: 51.625 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

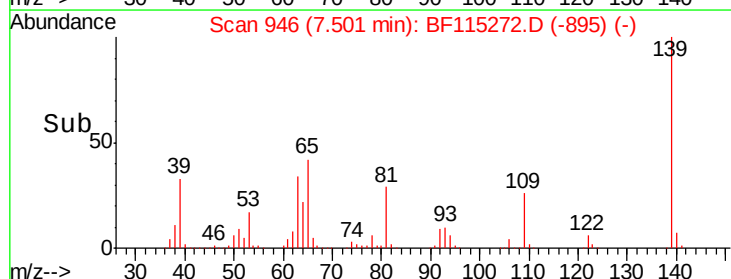
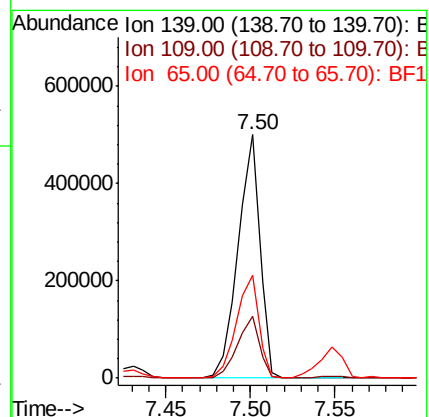
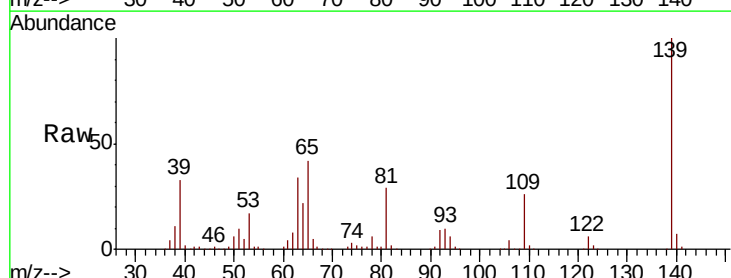
Tgt Ion: 139 Resp: 450598

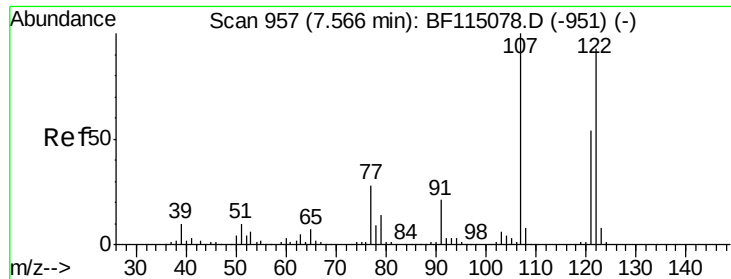
Ion Ratio Lower Upper

139 100

109 25.6 20.4 30.6

65 42.4 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 51.777 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

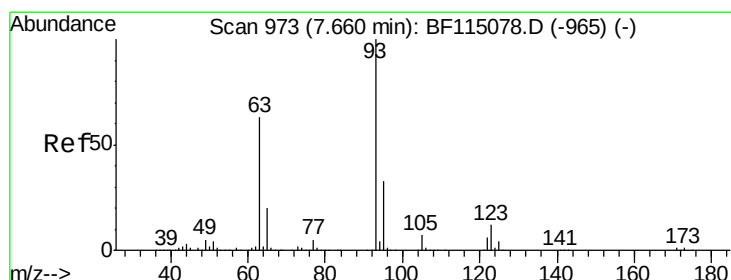
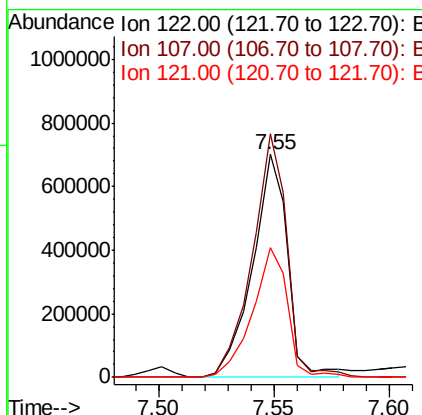
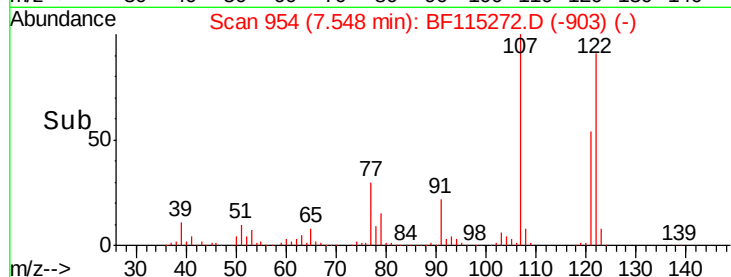
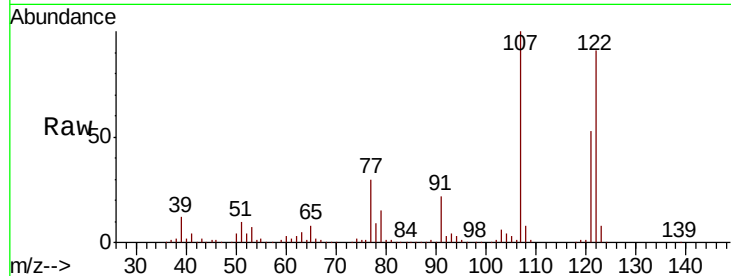
ClientSampleId :

PB120961BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 739933 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 109.4 | 85.8  | 128.6  |
| 121       | 58.5  | 46.3  | 69.5   |

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#28

bis(2-Chloroethoxy)methane

Concen: 44.711 ng

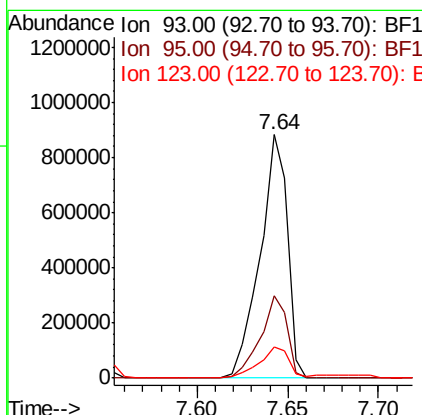
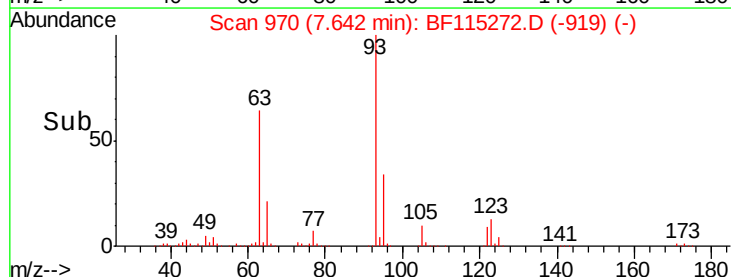
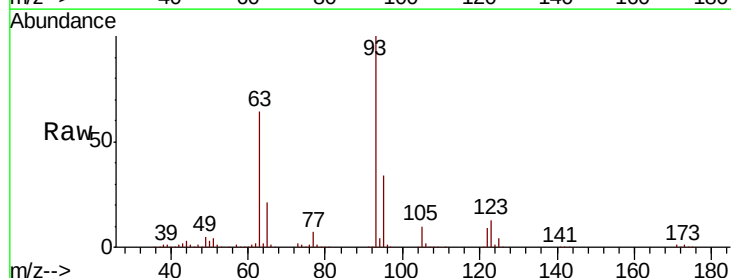
RT: 7.64 min Scan# 970

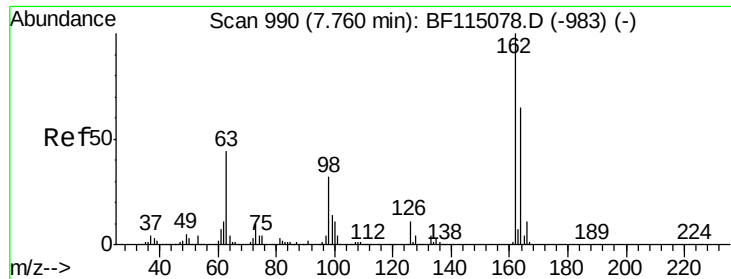
Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 928728 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.7  | 26.2  | 39.4   |
| 123       | 12.7  | 9.7   | 14.5   |





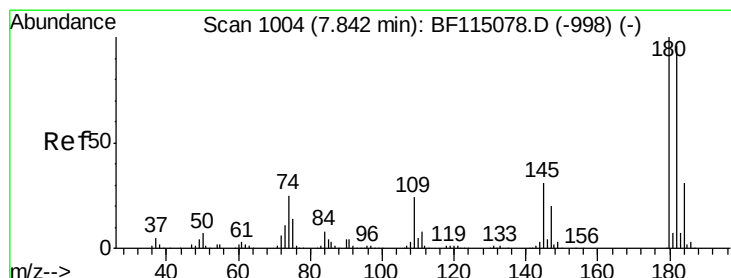
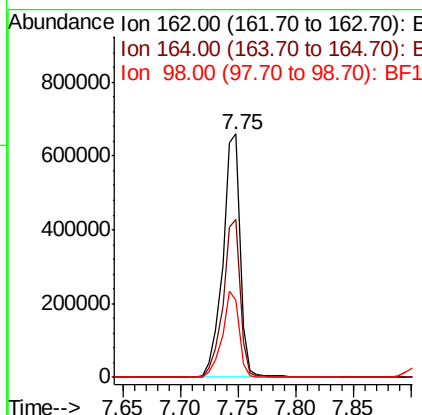
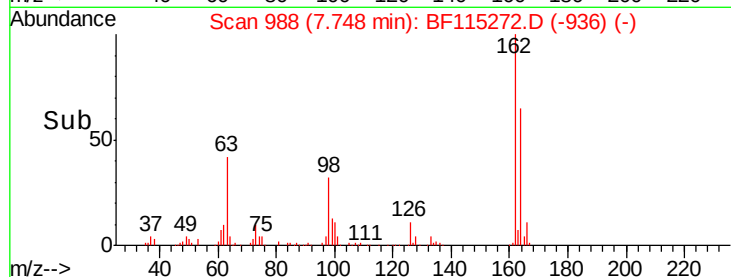
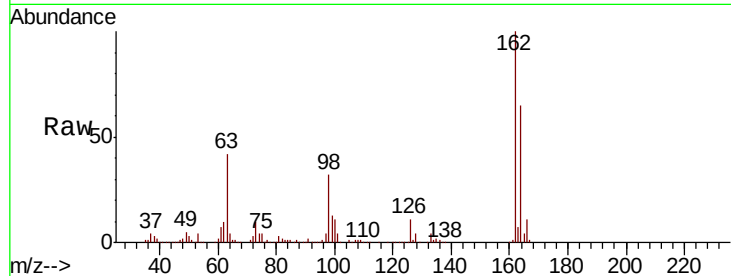
#29  
2,4-Dichlorophenol  
Concen: 46.976 ng  
RT: 7.75 min Scan# 988  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.8  | 45.3       | 85.3  |
| 98      | 31.6  | 12.5       | 52.5  |

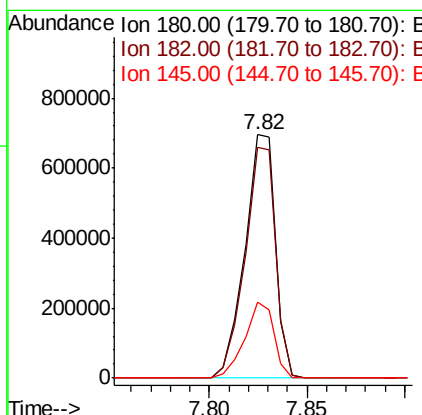
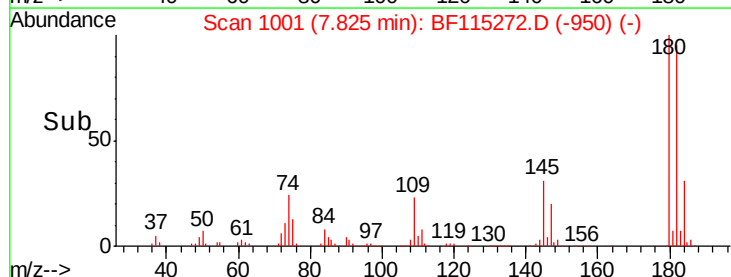
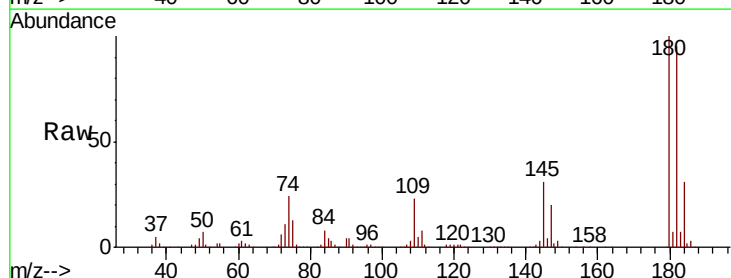
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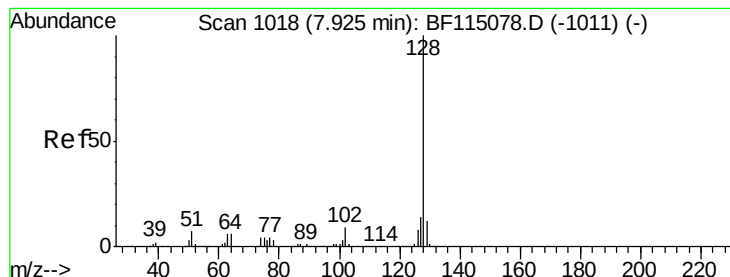
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#30  
1,2,4-Trichlorobenzene  
Concen: 46.298 ng  
RT: 7.82 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.0  | 76.4       | 114.6 |
| 145     | 31.2  | 24.8       | 37.2  |





#31

Naphthalene

Concen: 45.247 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

ClientSampleId :

PB120961BS

Tot Ion:128 Resp: 2191913

Ion Ratio Lower Upper

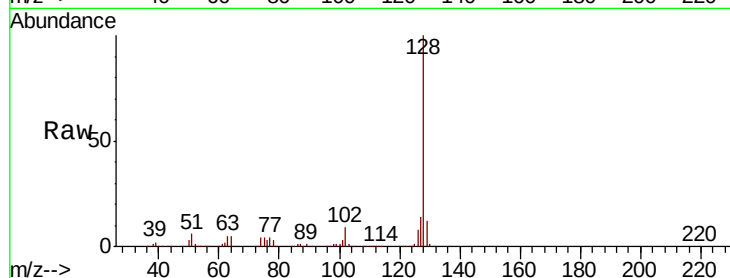
128 100

129 12.1 9.6 14.4

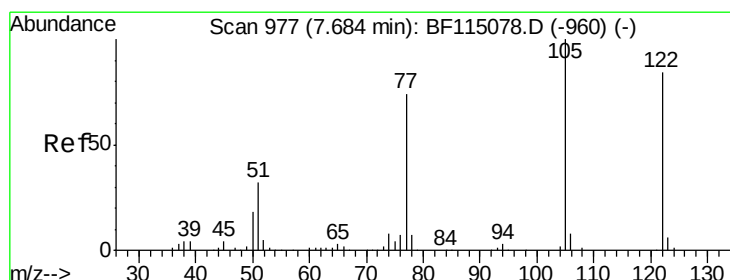
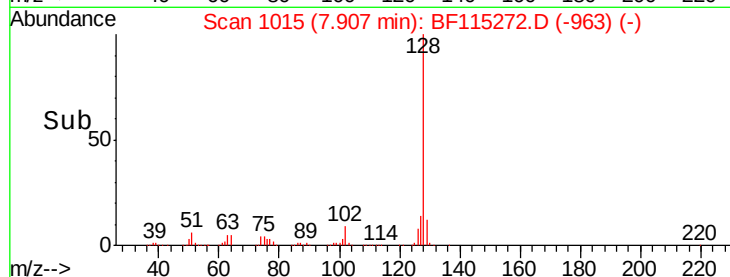
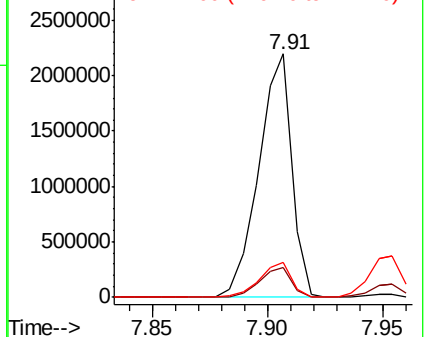
127 14.3 11.4 17.0

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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: 55.663 ng

RT: 7.70 min Scan# 979

Delta R.T. 0.03 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

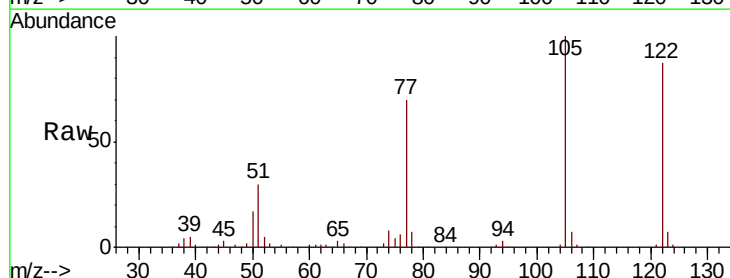
Tgt Ion:122 Resp: 567812

Ion Ratio Lower Upper

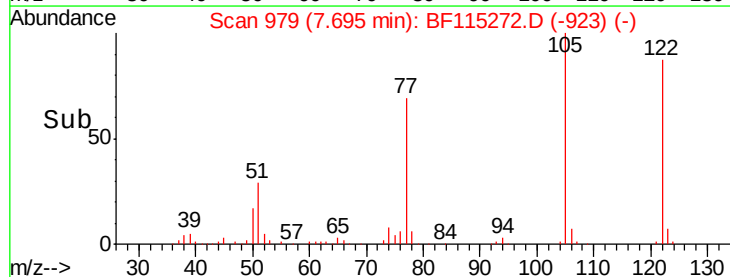
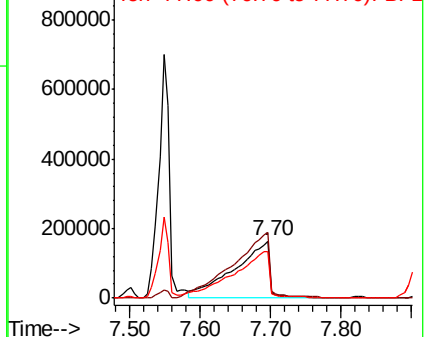
122 100

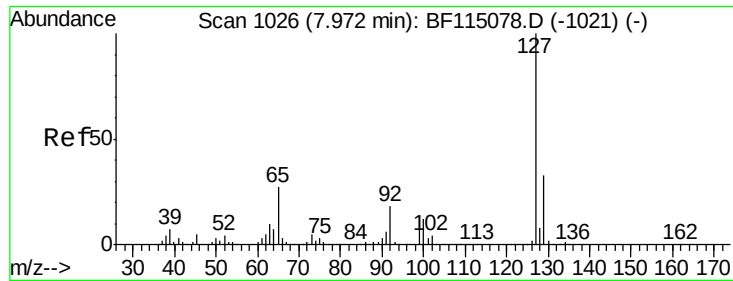
105 114.6 98.2 138.2

77 80.6 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





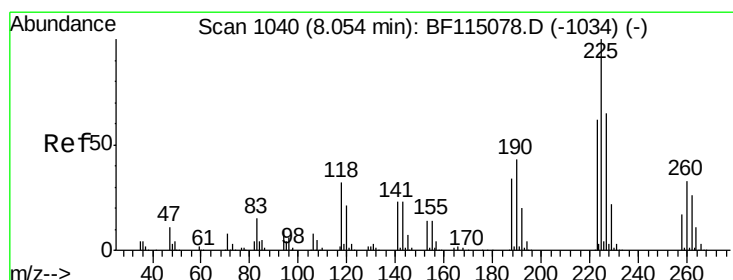
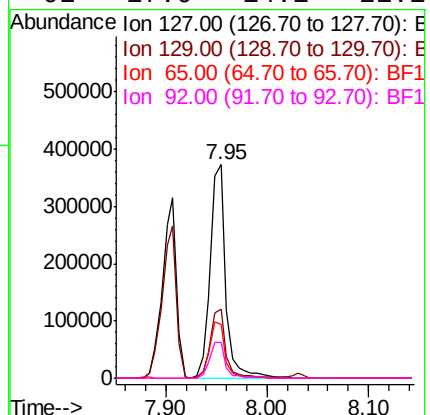
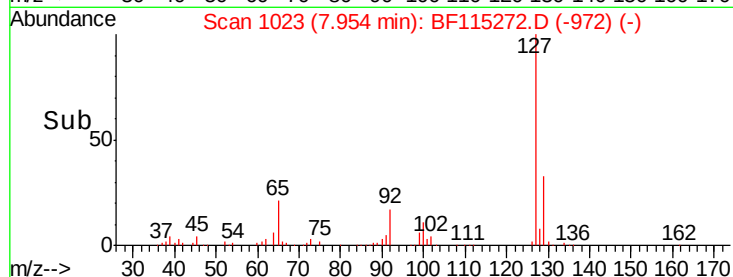
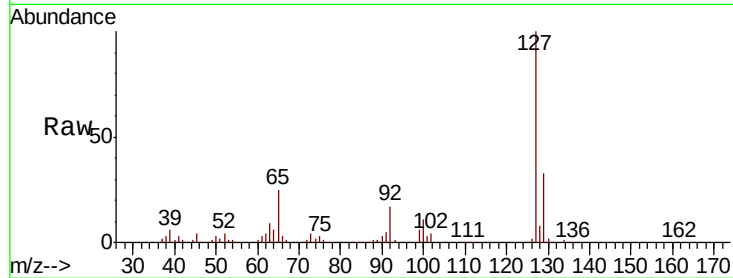
#33  
4-Chloroaniline  
Concen: 17.919 ng  
RT: 7.95 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleID :  
PB120961BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.7 | 26.1  | 39.1 |       |       |
| 65      | 25.0 | 21.4  | 32.2 |       |       |
| 92      | 17.0 | 14.1  | 21.1 |       |       |

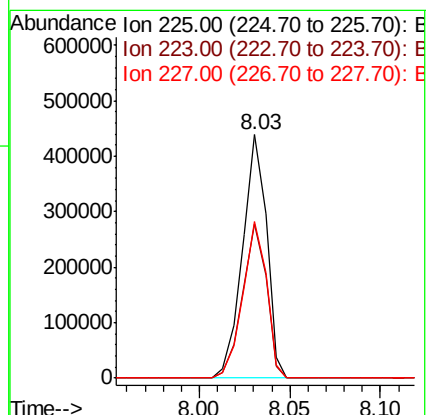
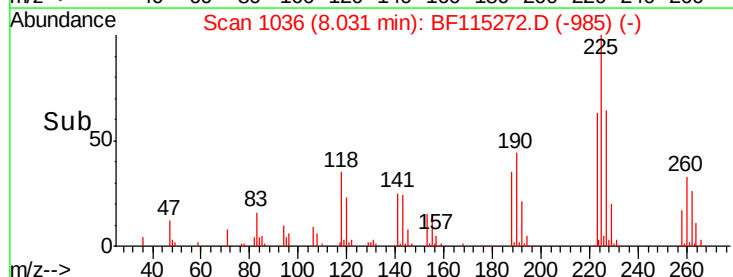
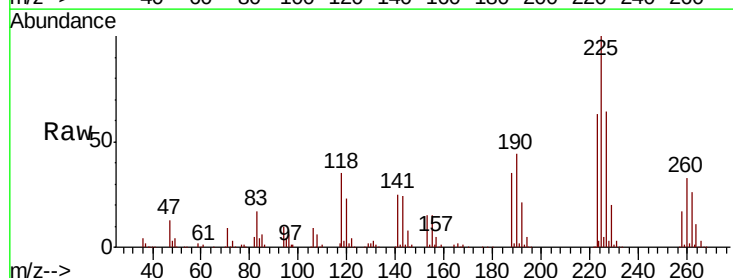
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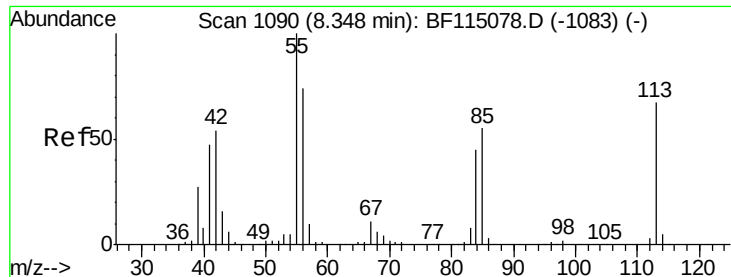
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 45.387 ng  
RT: 8.03 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.5 | 49.4  | 74.2 |       |       |
| 227     | 64.2 | 51.8  | 77.8 |       |       |





#35

Caprolactam

Concen: 46.968 ng/ml

RT: 8.33 min Scan# 1087

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

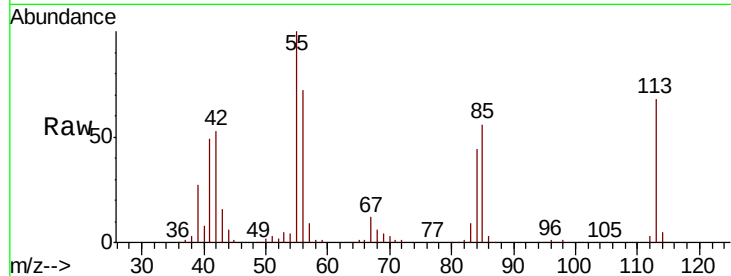
ClientSampleID :

PB120961BS

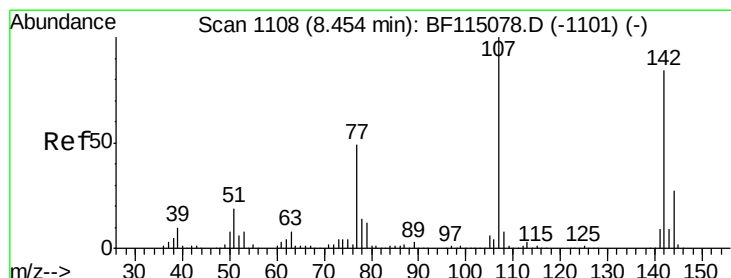
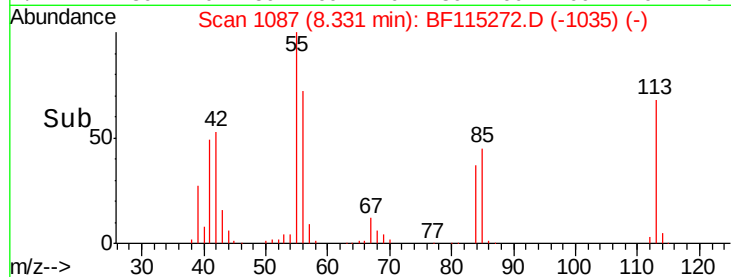
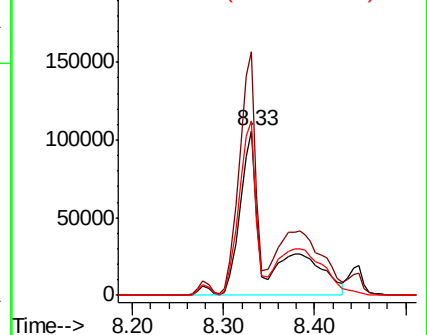
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 232884 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 148.1 | 130.2 | 170.2  |
| 56        | 106.3 | 91.6  | 131.6  |

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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.329 ng/ml

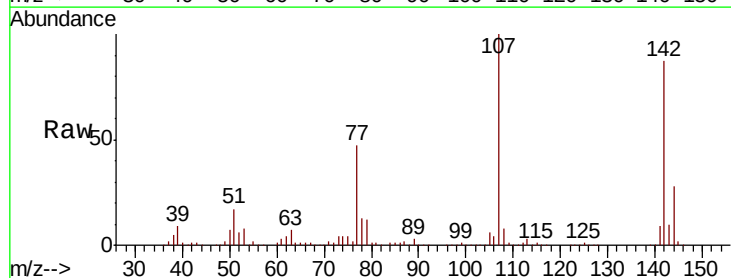
RT: 8.45 min Scan# 1107

Delta R.T. 0.01 min

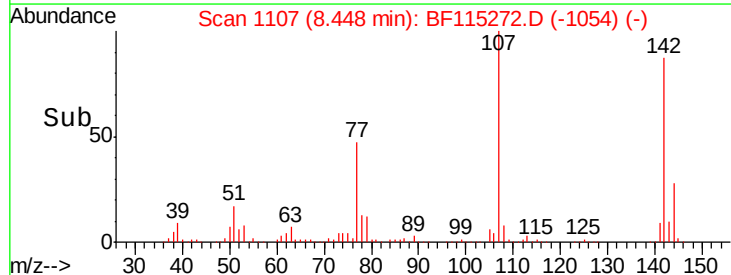
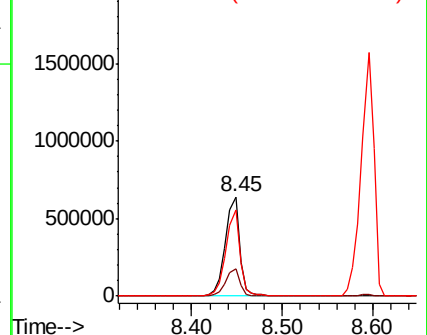
Lab File: BF115272.D

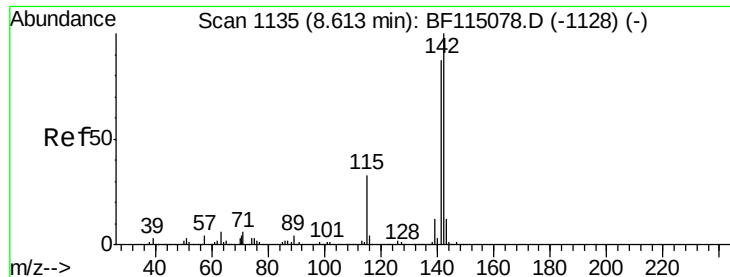
Acq: 28 Jun 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 706884 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 28.0  | 21.7  | 32.5   |
| 142       | 87.1  | 67.0  | 100.4  |



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





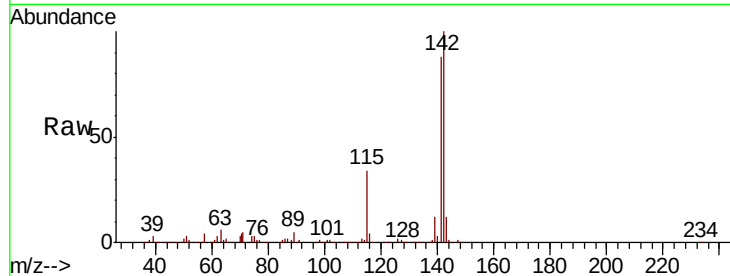
#37  
2-Methylnaphthalene  
Concen: 46.837 ng  
RT: 8.60 min Scan# 1132  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

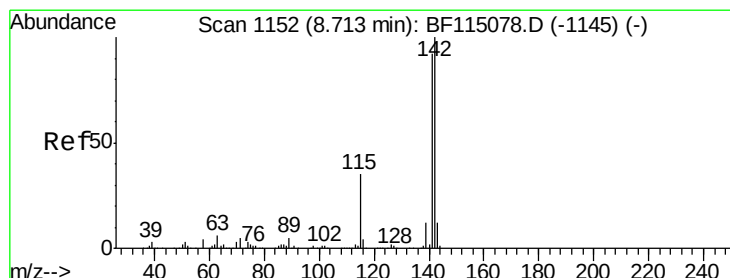
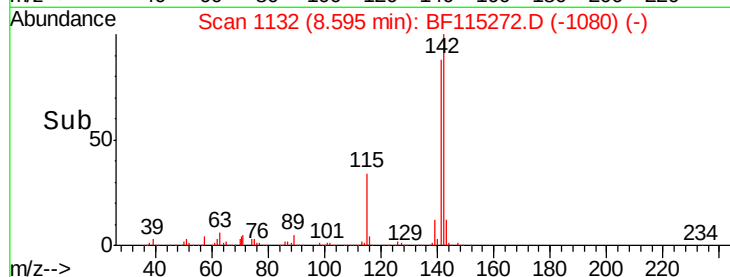
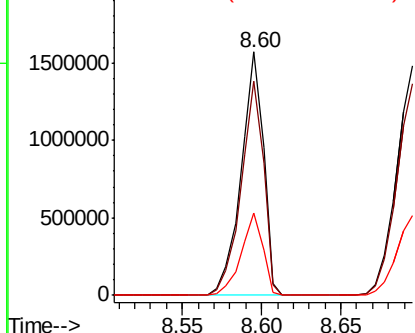
Tot Ion:142 Resp: 1529860  
Ion Ratio Lower Upper  
142 100  
141 88.0 69.8 104.6  
115 33.7 26.7 40.1

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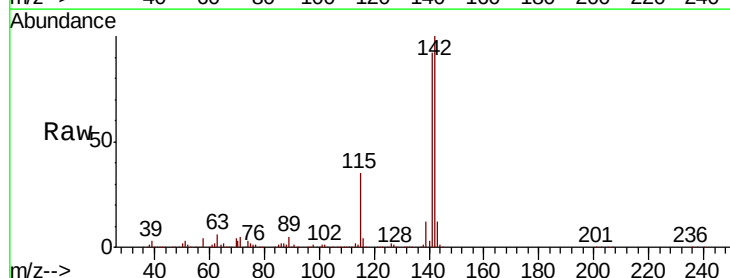


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

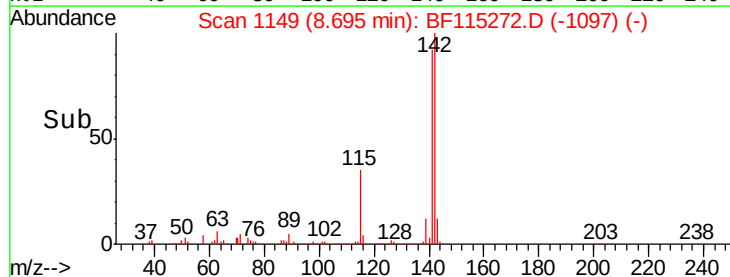
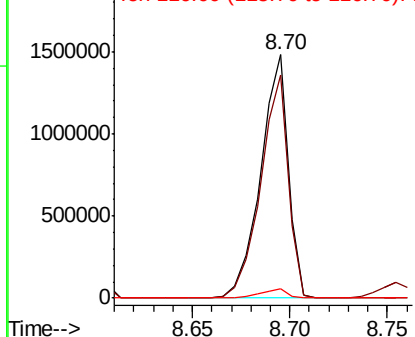


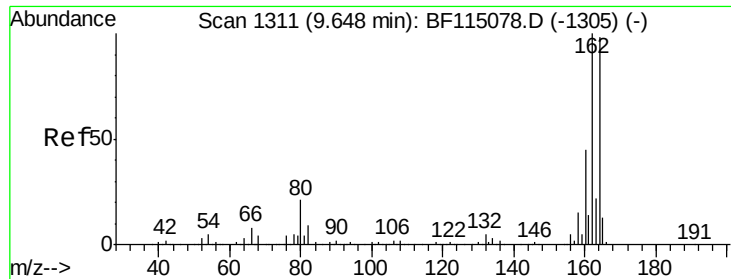
#38  
1-Methylnaphthalene  
Concen: 46.367 ng  
RT: 8.70 min Scan# 1149  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Tgt Ion:142 Resp: 1446449  
Ion Ratio Lower Upper  
142 100  
141 91.9 73.8 110.8  
116 3.8 2.8 4.2



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





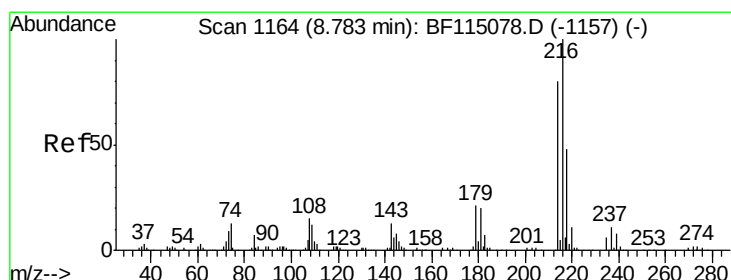
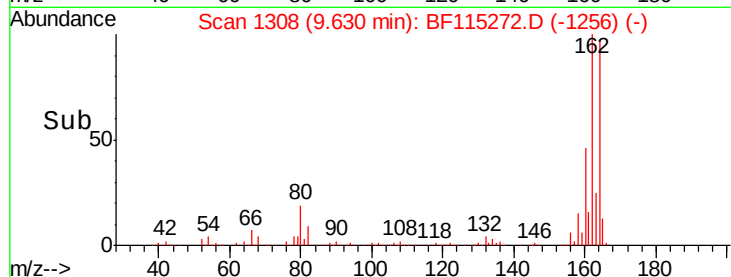
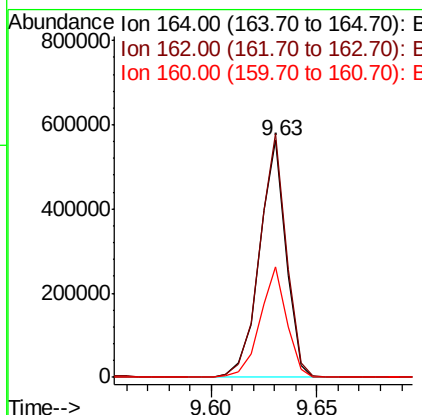
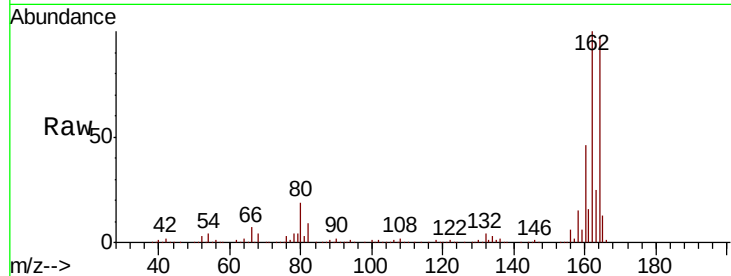
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.63 min Scan# 1308  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 81.7  | 122.5 |
| 160     | 46.8  | 37.0  | 55.4  |

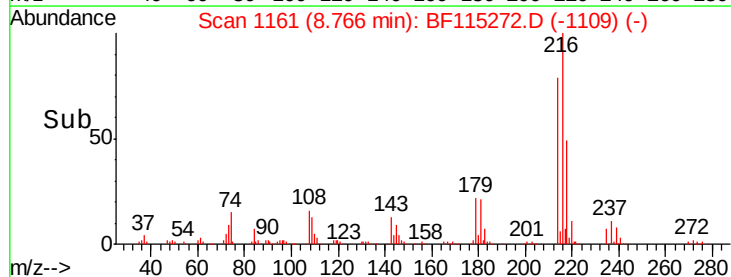
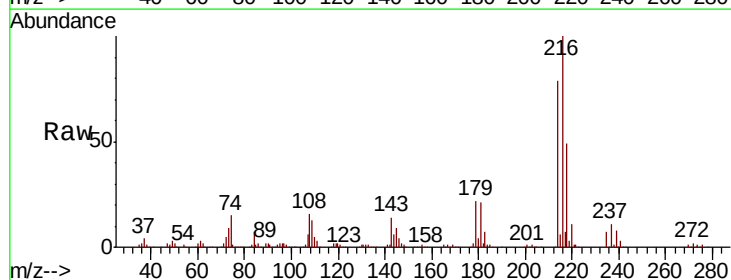
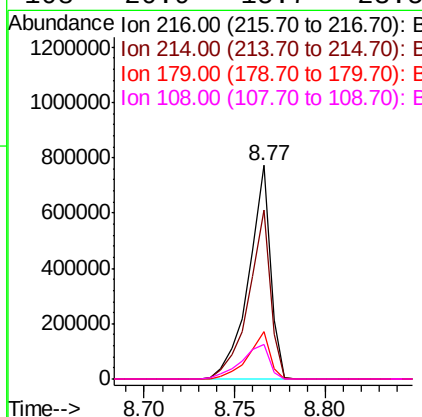
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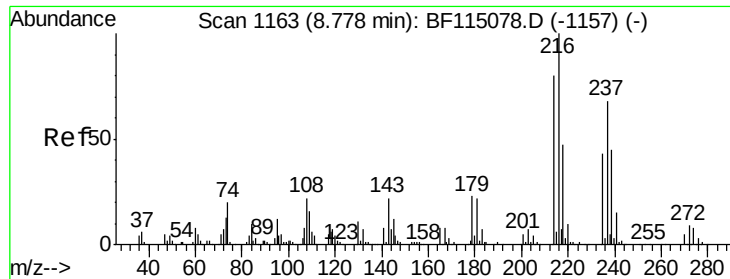


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.261 ng  
RT: 8.77 min Scan# 1161  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.1  | 63.8  | 95.6  |
| 179     | 22.0  | 17.6  | 26.4  |
| 108     | 20.9  | 15.7  | 23.5  |







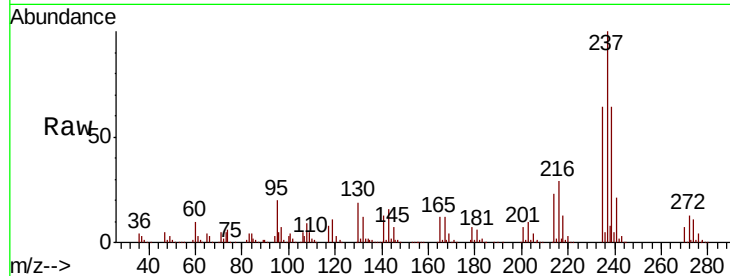
#41  
Hexachlorocyclopentadiene  
Concen: 96.008 ng  
RT: 8.75 min Scan# 1159  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

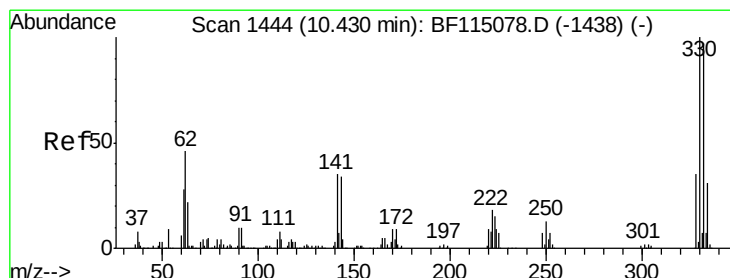
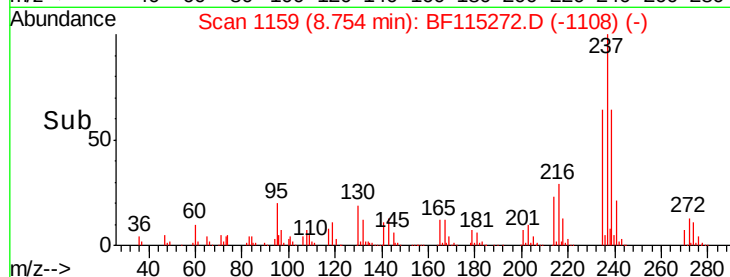
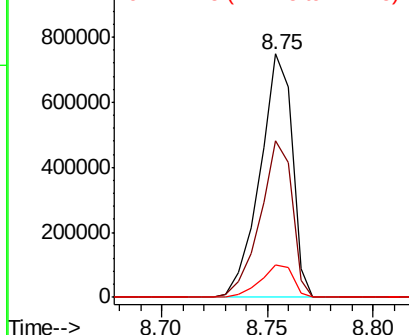
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 792842 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.2  | 43.9  | 83.9   |
| 272       | 13.3  | 0.0   | 33.8   |

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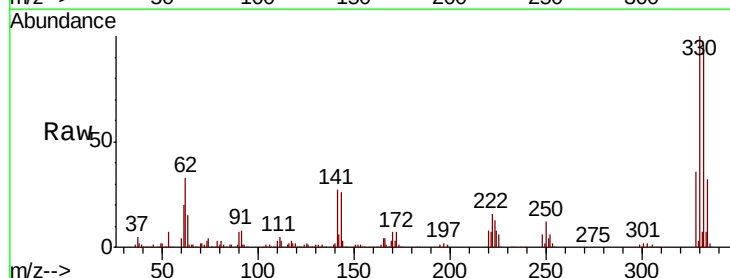


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

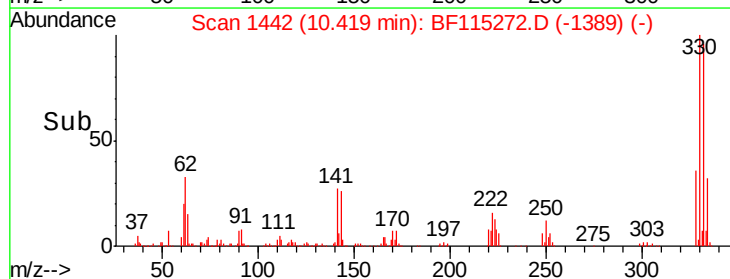
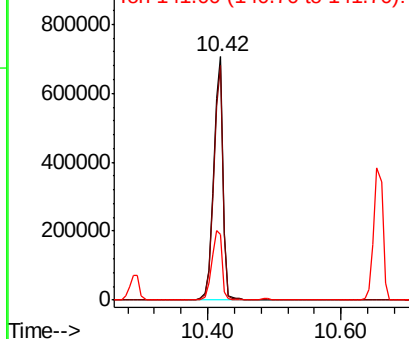


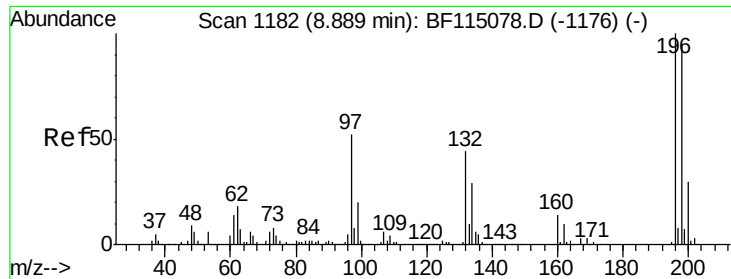
#42  
2,4,6-Tribromophenol  
Concen: 133.469 ng  
RT: 10.42 min Scan# 1442  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 693661 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.6  | 77.3  | 115.9  |
| 141       | 31.7  | 28.2  | 42.2   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





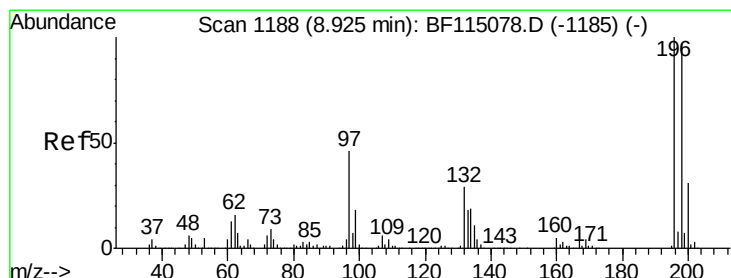
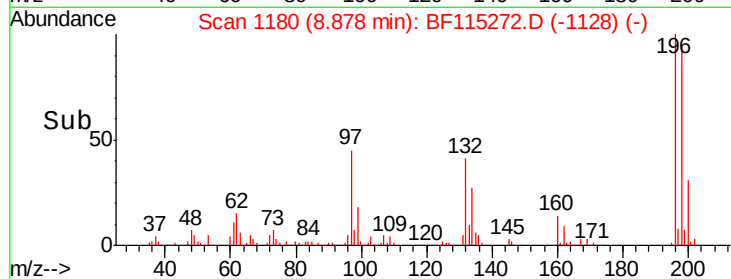
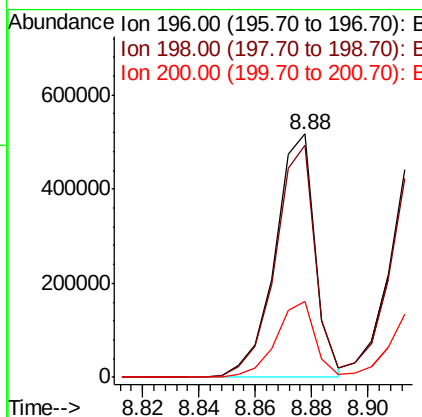
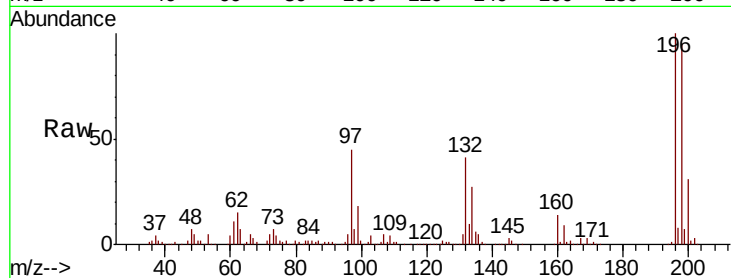
#43  
 2,4,6-Trichlorophenol  
 Concen: 47.212 ng  
 RT: 8.88 min Scan# 1180  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 507623 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.3  | 76.3  | 114.5  |
| 200       | 31.3  | 24.2  | 36.4   |

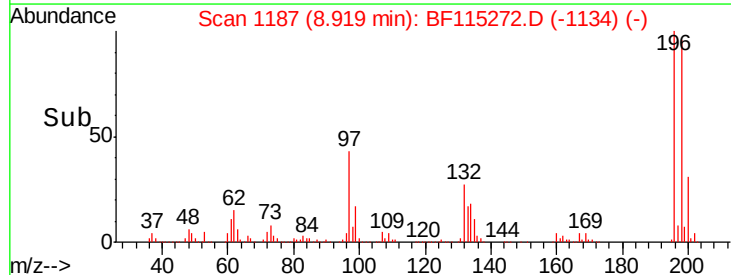
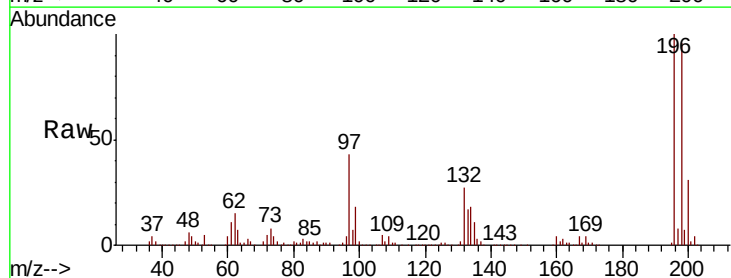
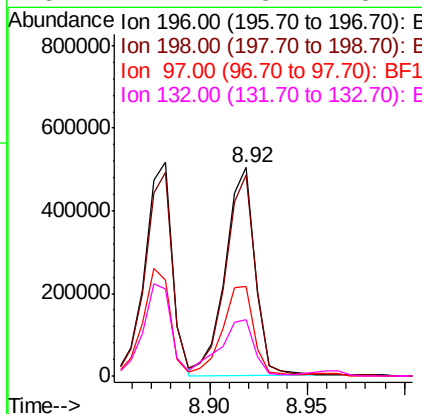
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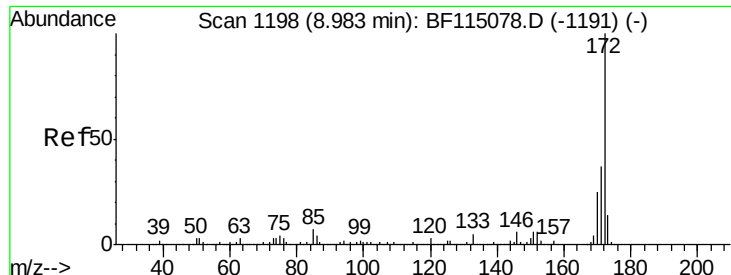
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#44  
 2,4,5-Trichlorophenol  
 Concen: 48.224 ng  
 RT: 8.92 min Scan# 1187  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 533960 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.2  | 77.1  | 115.7  |
| 97        | 43.2  | 37.7  | 56.5   |
| 132       | 27.2  | 23.1  | 34.7   |





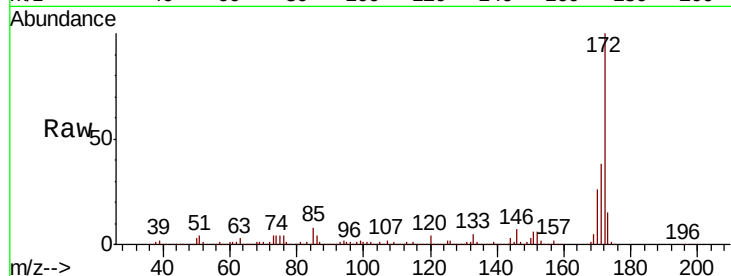
#45  
2-Fluorobiphenyl  
Concen: 92.177 ng  
RT: 8.96 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.4  | 29.8  | 44.6  |
| 170     | 25.9  | 20.3  | 30.5  |

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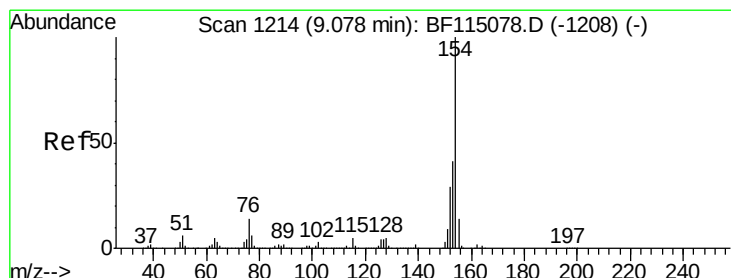
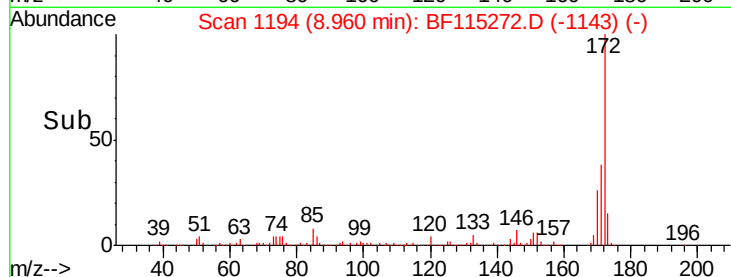
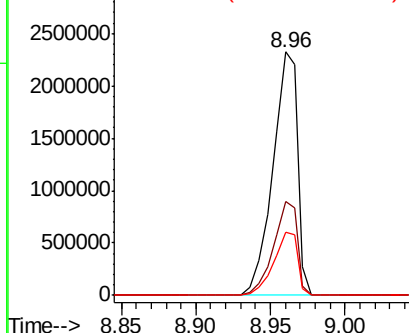


Abundance

Ion 172.00 (171.70 to 172.70): E

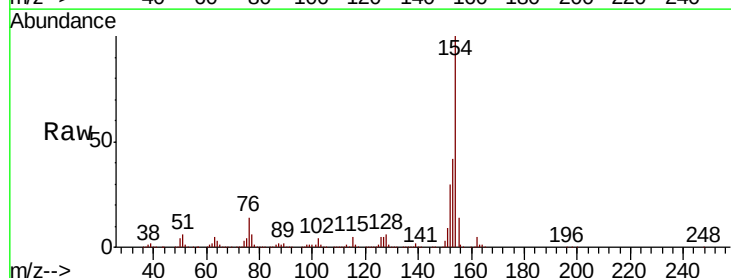
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 44.917 ng  
RT: 9.06 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.2  | 20.9  | 60.9  |
| 76      | 13.8  | 0.0   | 34.1  |

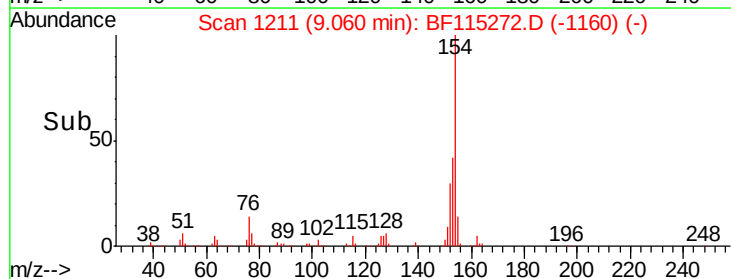
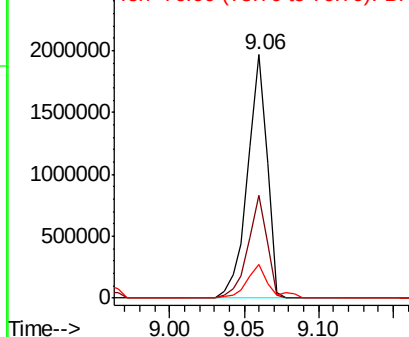


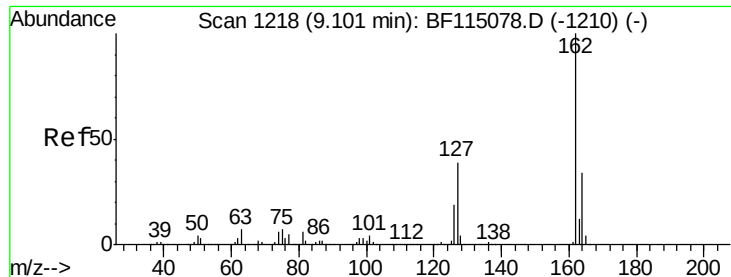
Abundance

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





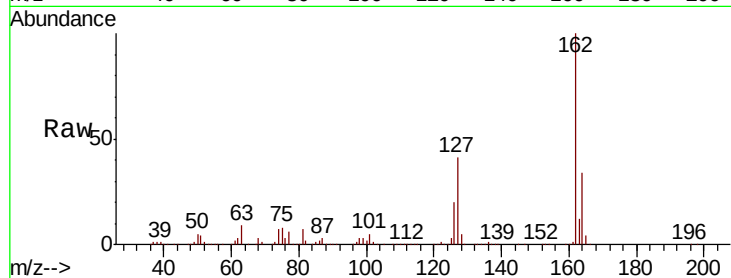
#47  
2-Chloronaphthalene  
Concen: 44.642 ng  
RT: 9.08 min Scan# 1214  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

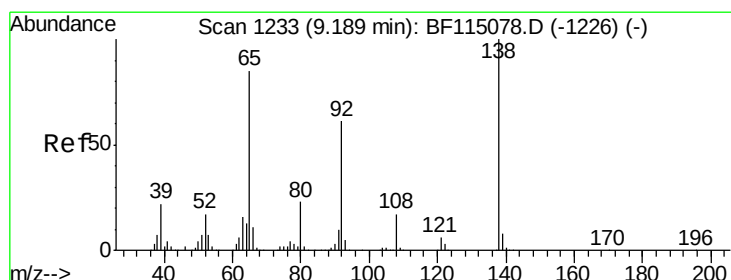
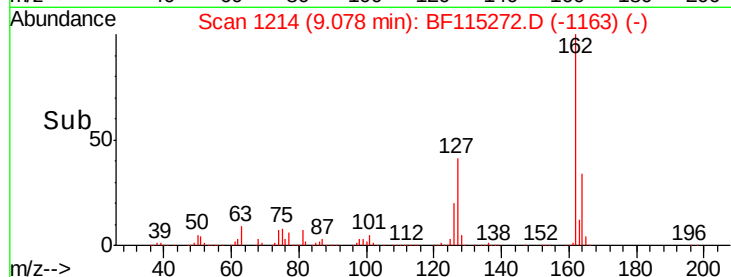
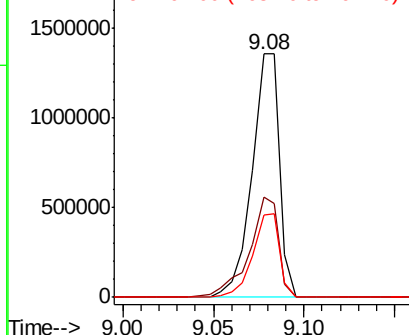
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.1  | 30.8  | 46.2  |
| 164     | 33.6  | 27.0  | 40.4  |

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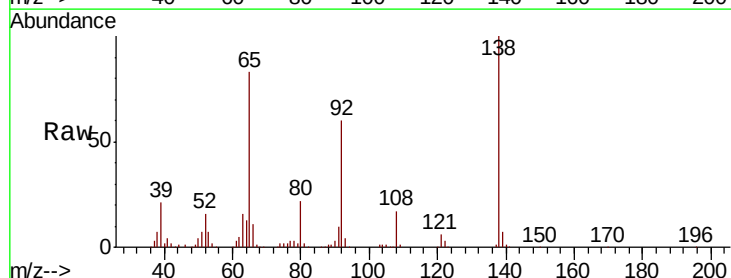


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

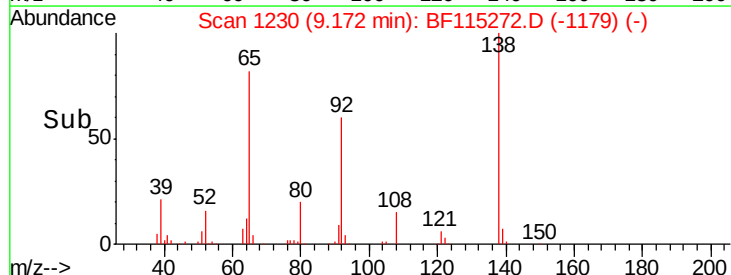
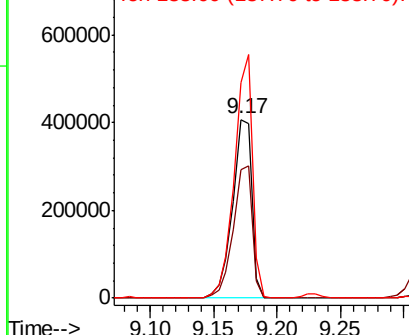


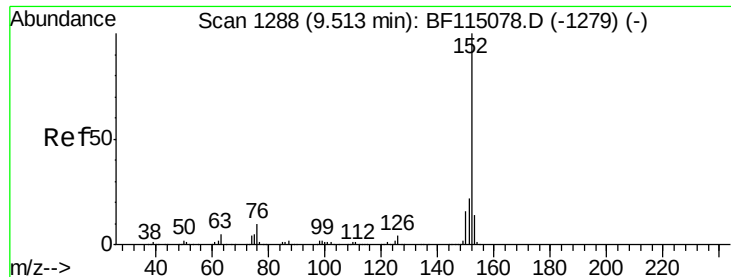
#48  
2-Nitroaniline  
Concen: 45.620 ng  
RT: 9.17 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.9  | 57.4  | 86.2  |
| 138     | 120.4 | 94.1  | 141.1 |



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: 44.507 ng

RT: 9.50 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

ClientSampleId :

PB120961BS

Tot Ion:152 Resp: 2218099

Ion Ratio Lower Upper

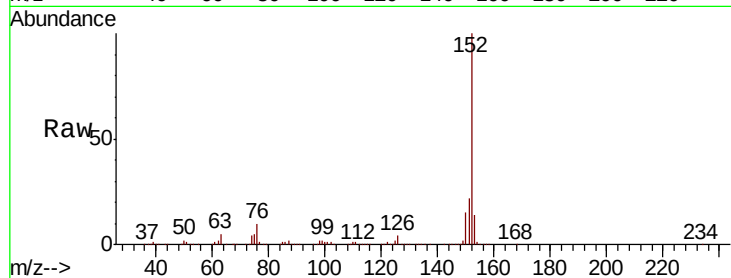
152 100

151 21.6 17.2 25.8

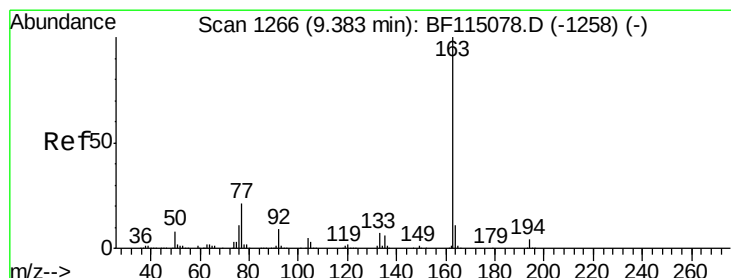
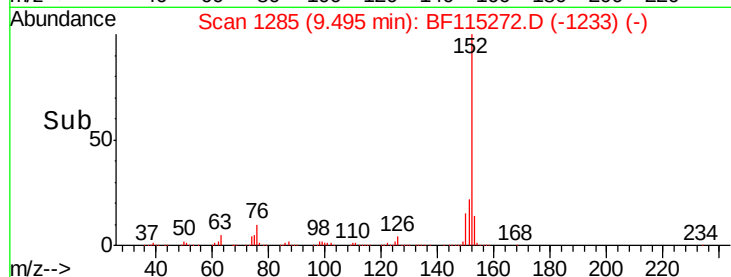
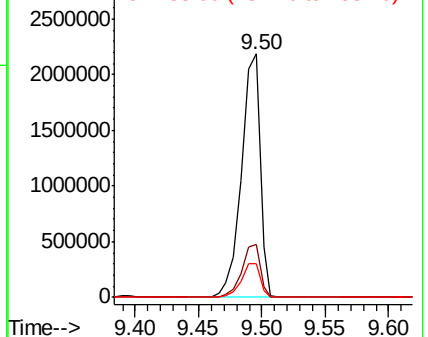
153 14.1 11.0 16.6

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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: 46.770 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

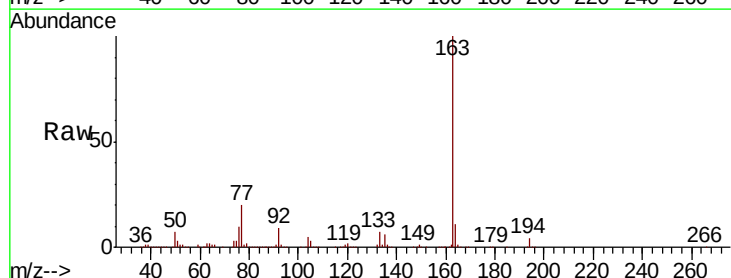
Tgt Ion:163 Resp: 1695856

Ion Ratio Lower Upper

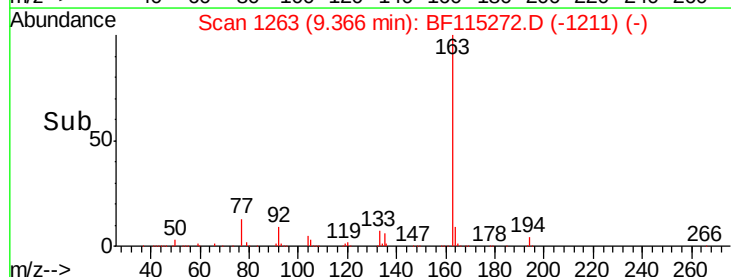
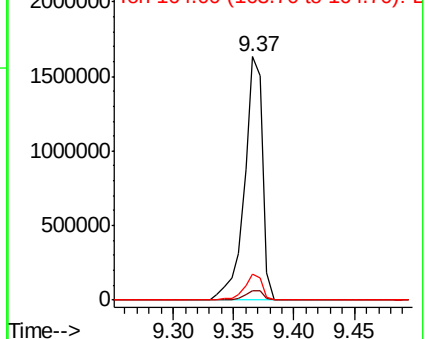
163 100

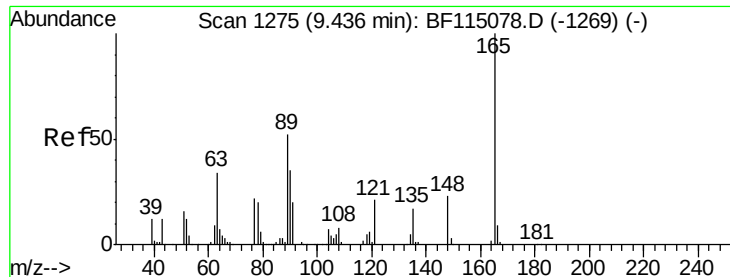
194 4.1 3.2 4.8

164 10.9 8.6 13.0



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





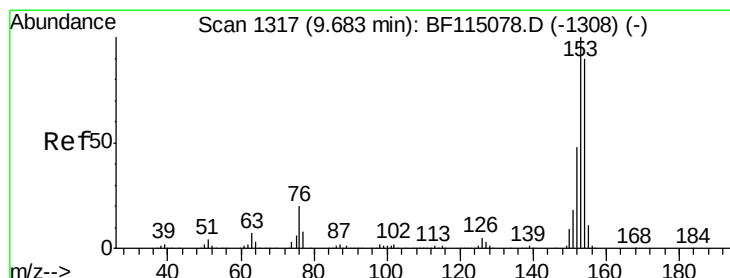
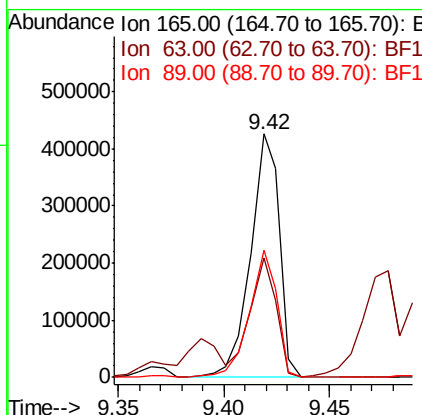
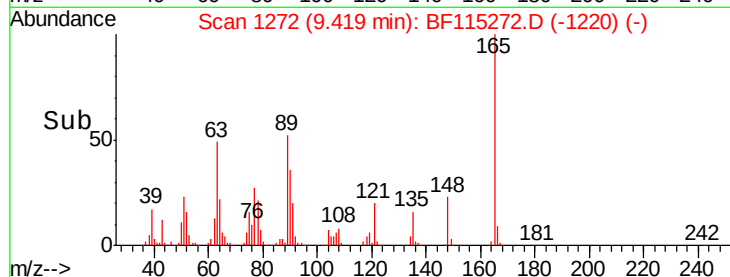
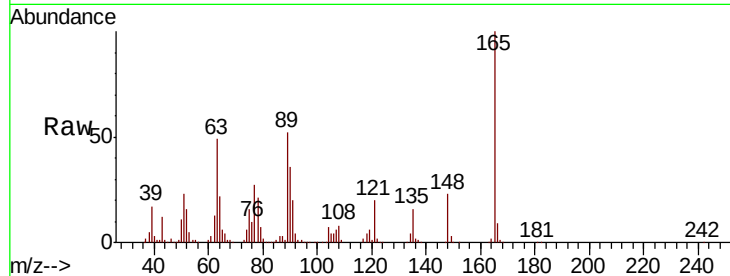
#51  
 2,6-Dinitrotoluene  
 Concen: 48.193 ng  
 RT: 9.42 min Scan# 1272  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.2  | 39.4  | 59.2  |
| 89      | 52.5  | 42.0  | 63.0  |

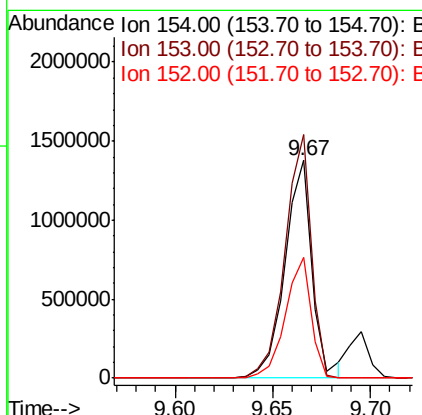
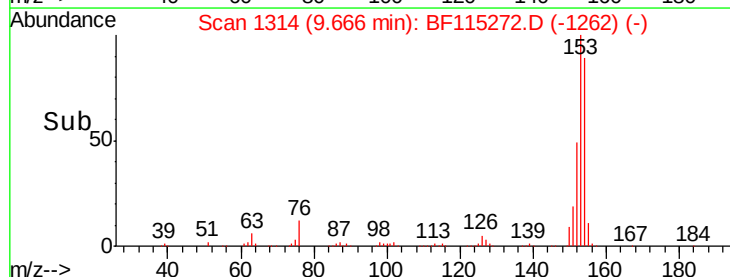
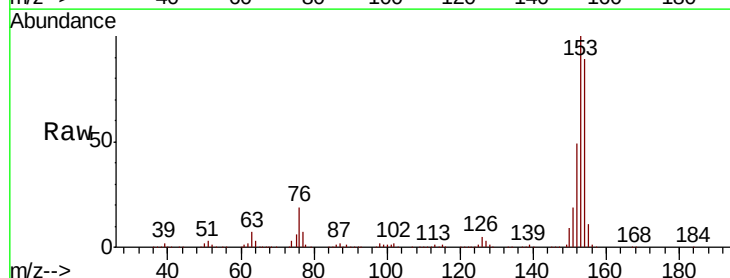
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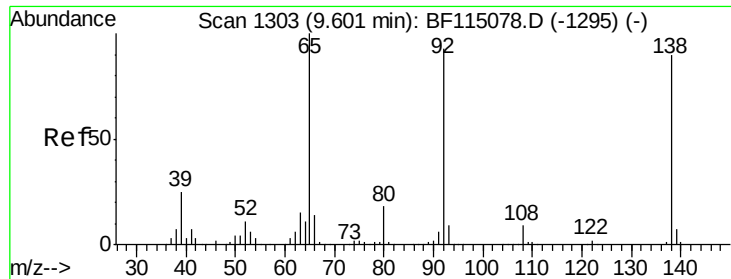
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#52  
 Acenaphthene  
 Concen: 42.610 ng  
 RT: 9.67 min Scan# 1314  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.8 | 88.7  | 133.1 |
| 152     | 55.3  | 42.6  | 64.0  |





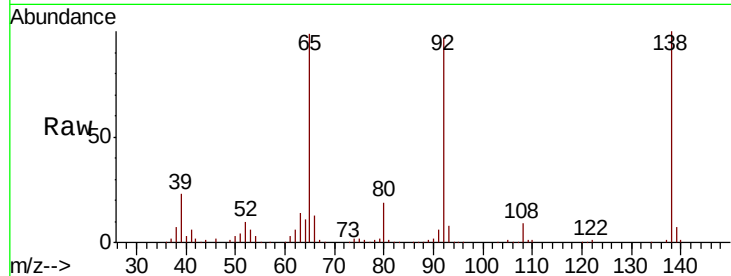
#53  
3-Nitroaniline  
Concen: 25.757 ng  
RT: 9.58 min Scan# 1300  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.0   | 7.8   | 11.6  |
| 92      | 97.3  | 82.9  | 124.3 |

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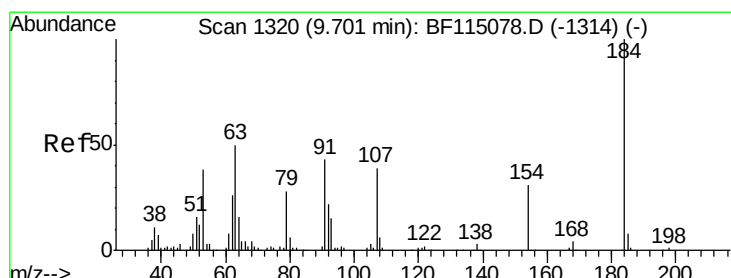
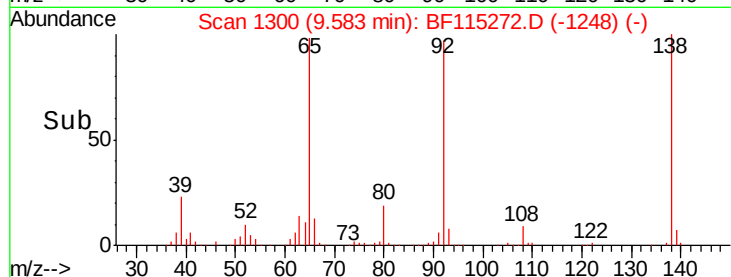
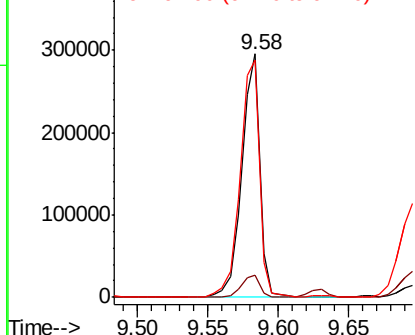


Abundance

Ion 138.00 (137.70 to 138.70): E

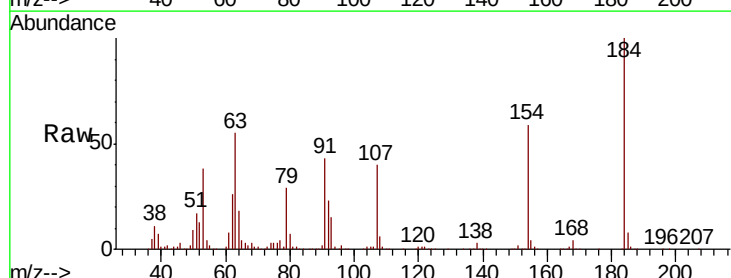
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 103.816 ng  
RT: 9.70 min Scan# 1319  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 54.6  | 41.9  | 62.9  |
| 154     | 59.2  | 44.7  | 67.1  |

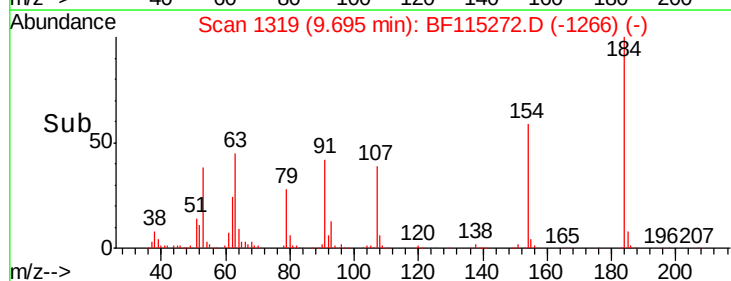
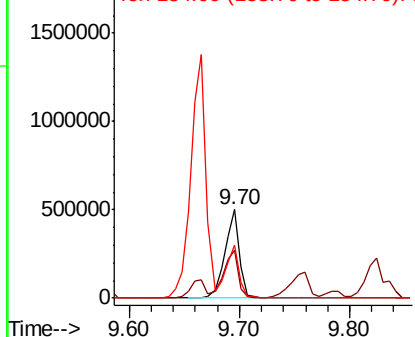


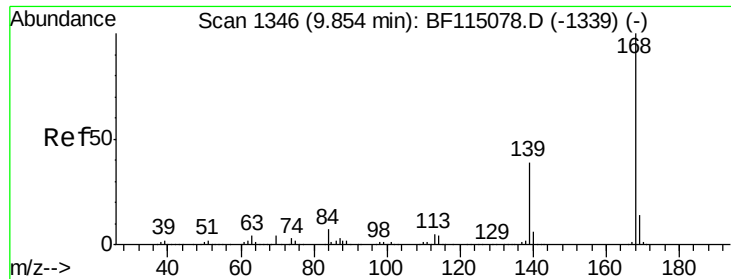
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





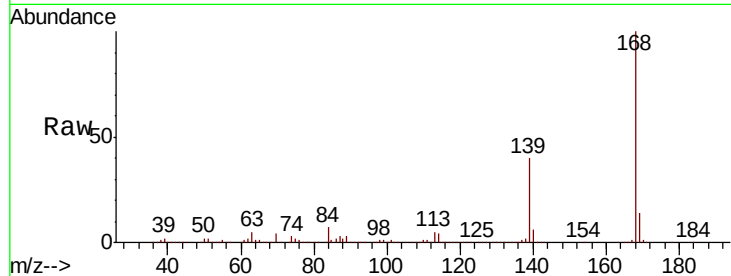
#55  
Dibenzenofuran  
Concen: 43.591 ng  
RT: 9.84 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 31.1  | 46.7  |
| 169     | 14.4  | 11.3  | 16.9  |

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7/1/2019 3:05:37 PM

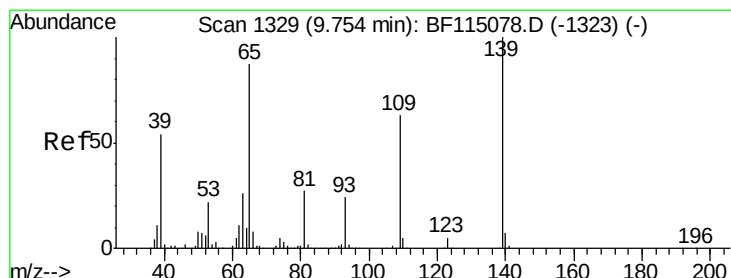
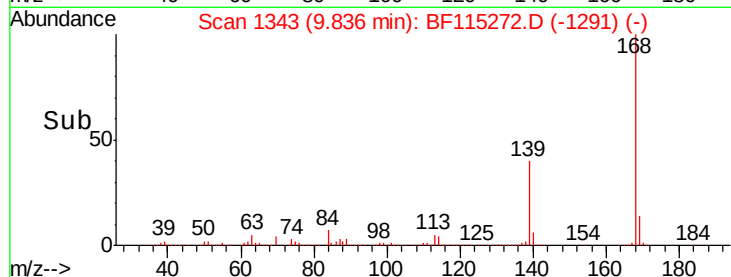
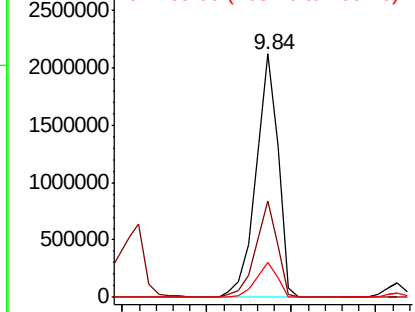


Abundance

Ion 168.00 (167.70 to 168.70): E

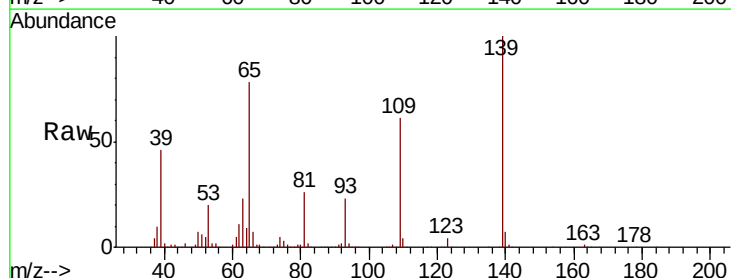
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 87.897 ng  
RT: 9.76 min Scan# 1330  
Delta R.T. 0.02 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 60.7  | 43.0  | 83.0  |
| 65      | 78.3  | 67.0  | 107.0 |

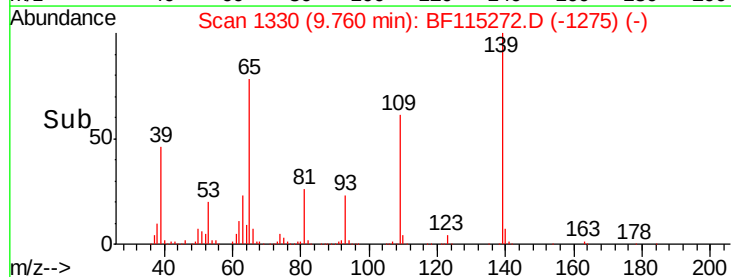
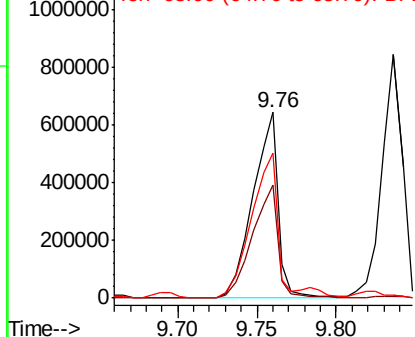


Abundance

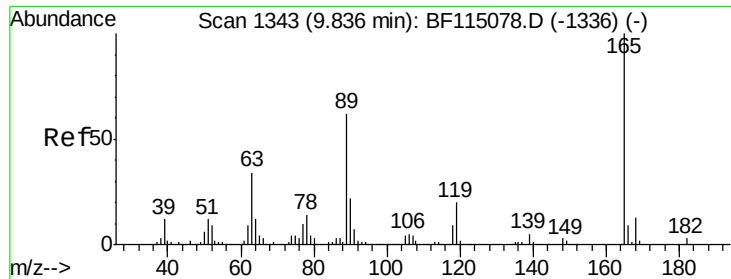
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1







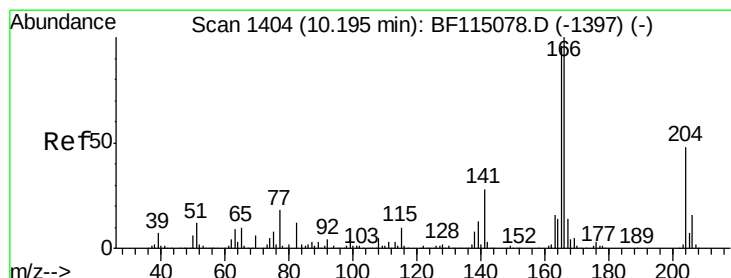
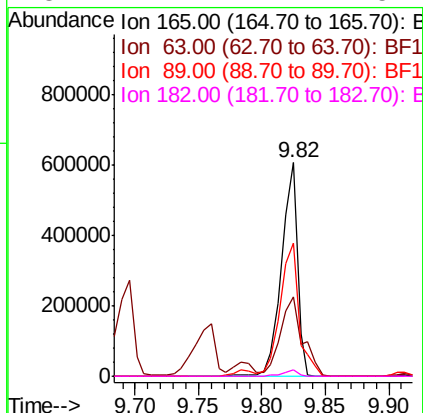
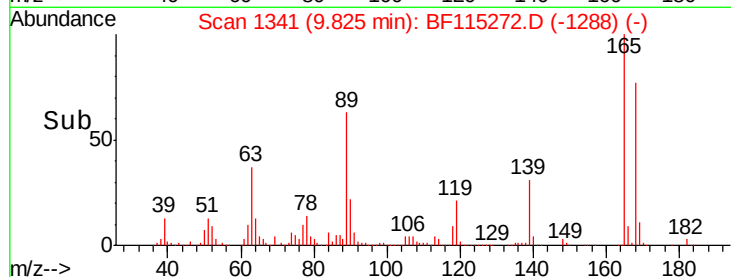
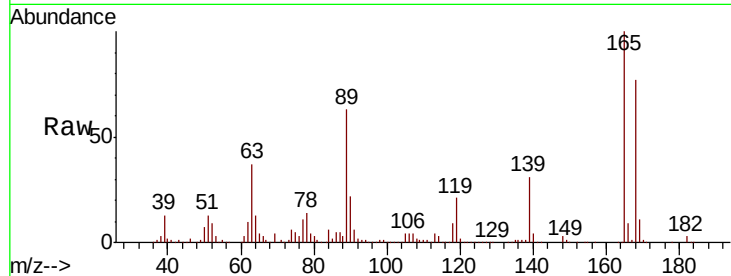
#57  
 2,4-Dinitrotoluene  
 Concen: 48.782 ng  
 RT: 9.82 min Scan# 1341  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 527283 |       |       |
| 63      | 37.4 | 27.5  | 41.3   |       |       |
| 89      | 62.6 | 49.9  | 74.9   |       |       |
| 182     | 2.7  | 2.1   | 3.1    |       |       |

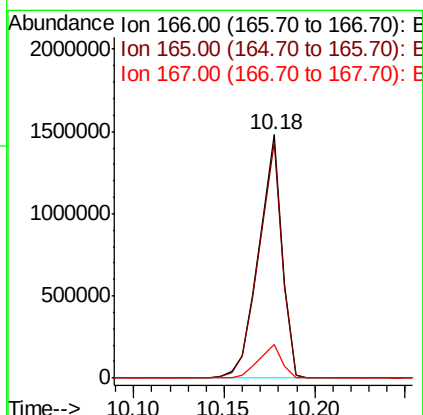
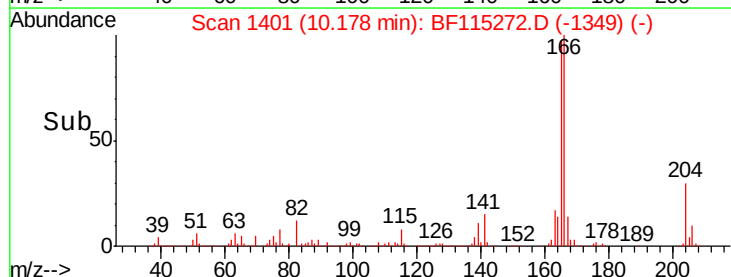
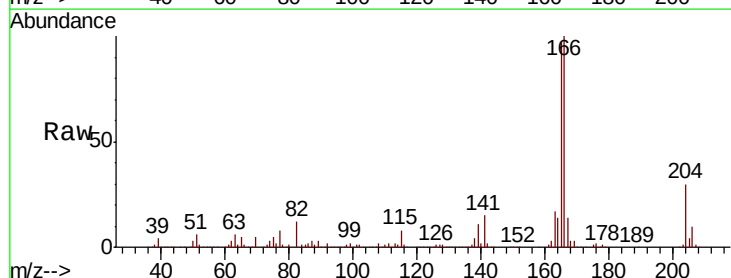
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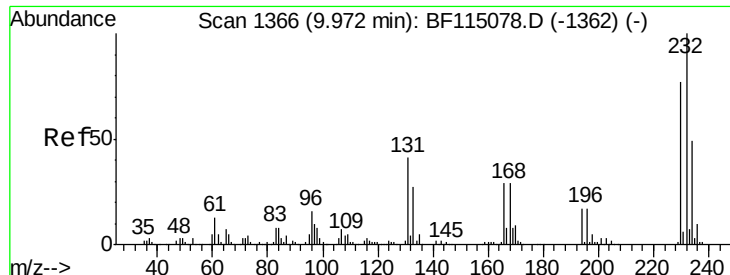
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#58  
 Fluorene  
 Concen: 44.727 ng  
 RT: 10.18 min Scan# 1401  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 166     | 100  |       | 1334084 |       |       |
| 165     | 96.8 | 76.5  | 114.7   |       |       |
| 167     | 13.8 | 11.0  | 16.4    |       |       |





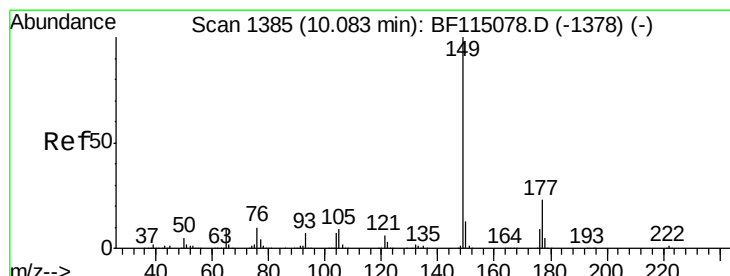
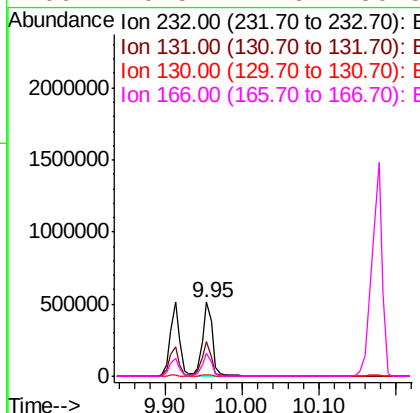
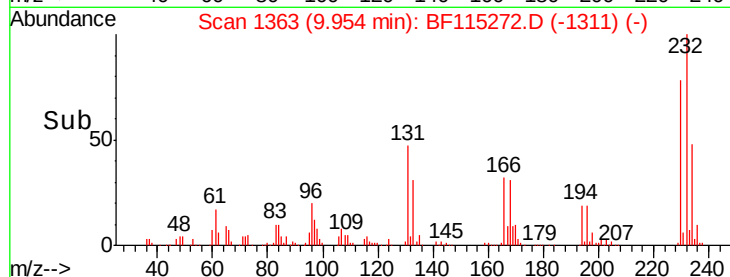
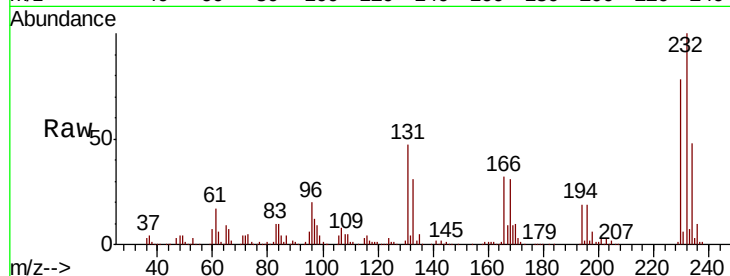
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 50.690 ng  
 RT: 9.95 min Scan# 1363  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.7  | 37.4  | 56.0  |
| 130     | 2.1   | 1.8   | 2.6   |
| 166     | 29.5  | 24.6  | 36.8  |

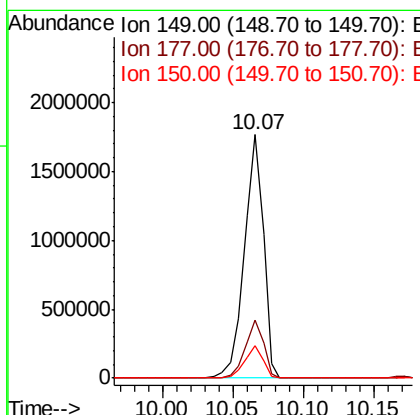
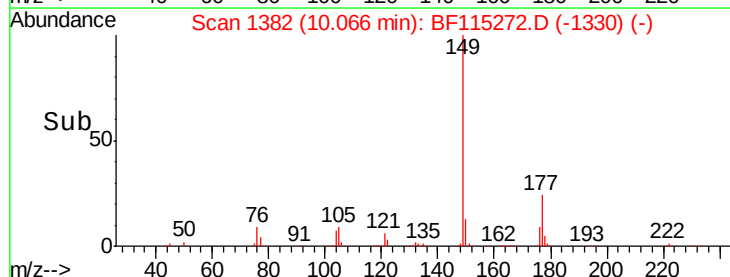
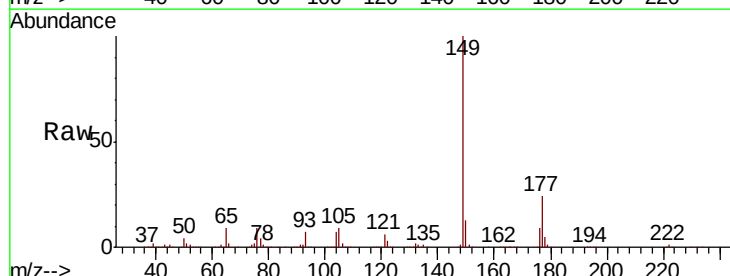
Manual Integrations  
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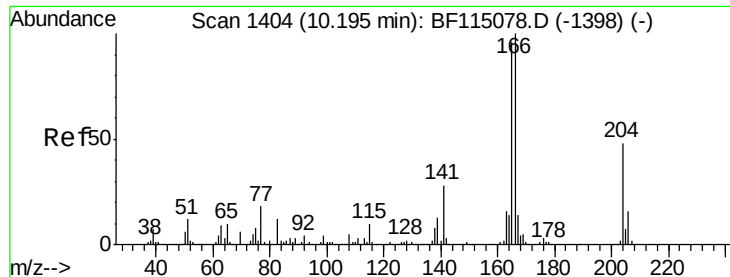
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 7/1/2019 3:05:37 PM



#60  
 Diethylphthalate  
 Concen: 45.513 ng  
 RT: 10.07 min Scan# 1382  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.8  | 18.7  | 28.1  |
| 150     | 13.4  | 10.4  | 15.6  |





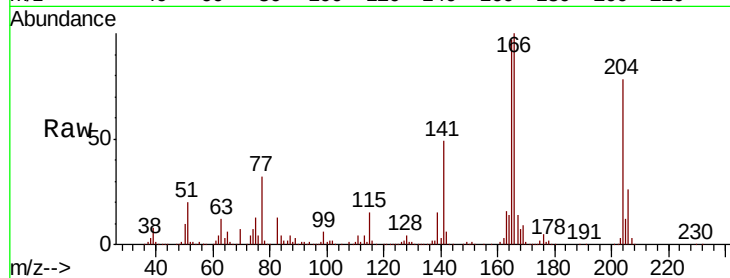
#61  
4-Chlorophenyl-phenylether  
Concen: 46.873 ng  
RT: 10.17 min Scan# 1400  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampled :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.9  | 26.6  | 40.0  |
| 141     | 62.5  | 46.7  | 70.1  |

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7/1/2019 3:05:37 PM

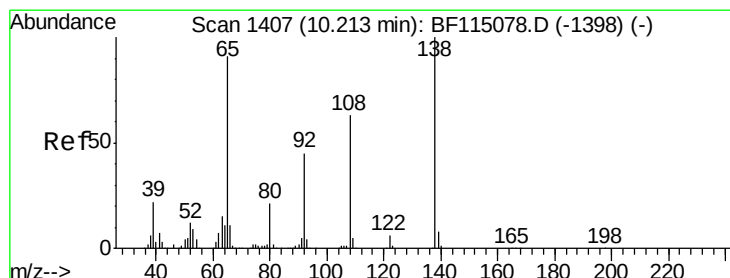
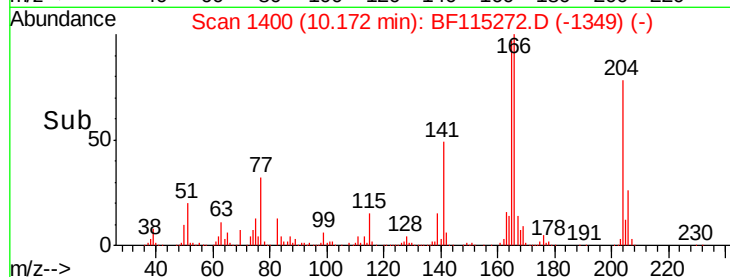
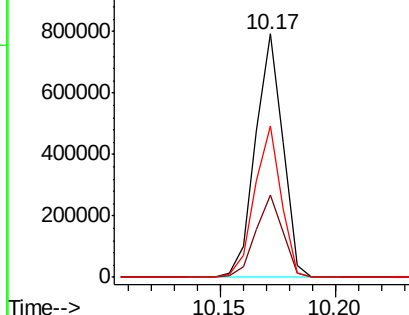


Abundance

Ion 204.00 (203.70 to 204.70): E

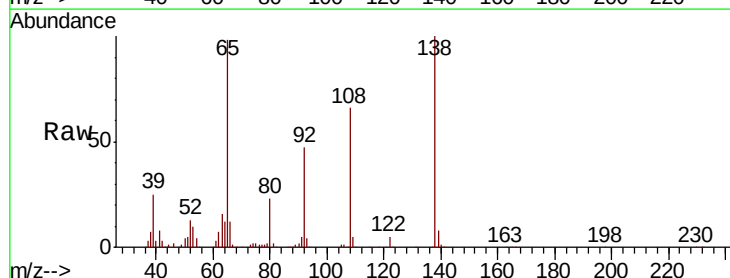
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 42.942 ng  
RT: 10.20 min Scan# 1404  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.3  | 24.8  | 64.8  |
| 108     | 65.6  | 43.3  | 83.3  |

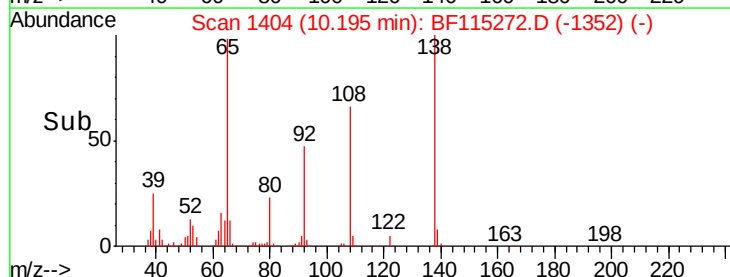
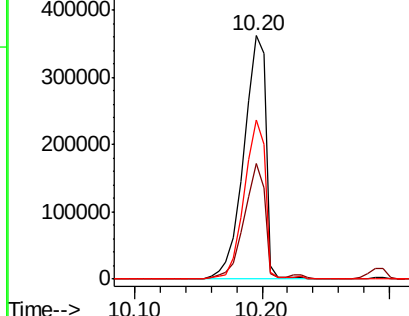


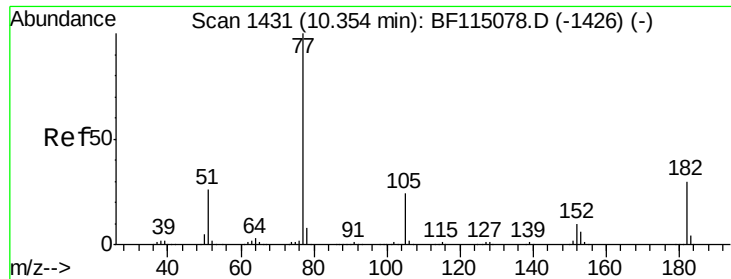
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





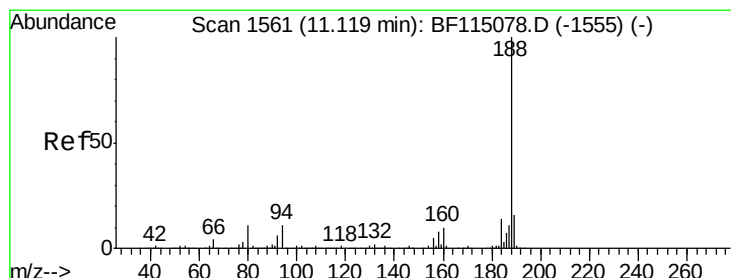
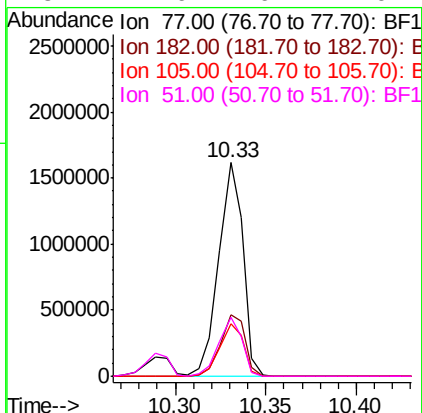
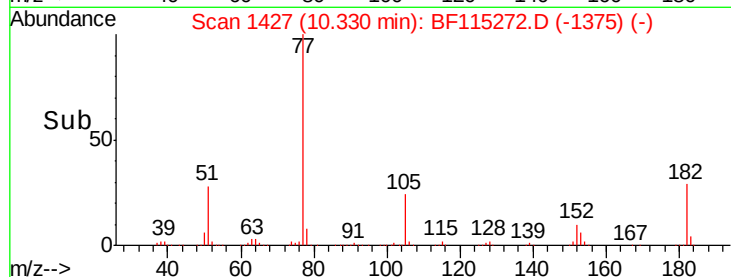
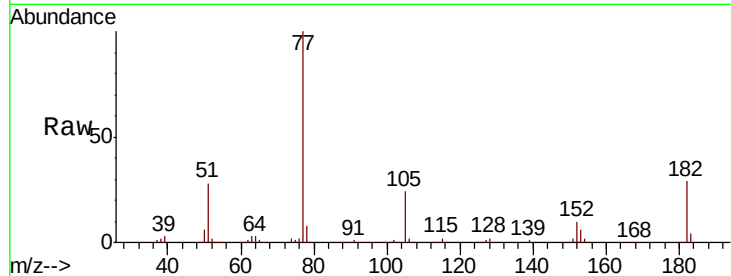
#63  
Azobenzene  
Concen: 44.096 ng  
RT: 10.33 min Scan# 1427  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | 77    | Resp  | 1501182 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 77      | 100   |       |         |
| 182     | 28.7  | 10.1  | 50.1    |
| 105     | 24.4  | 4.5   | 44.5    |
| 51      | 27.6  | 6.4   | 46.4    |

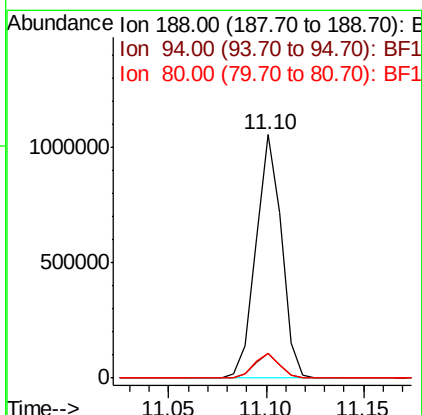
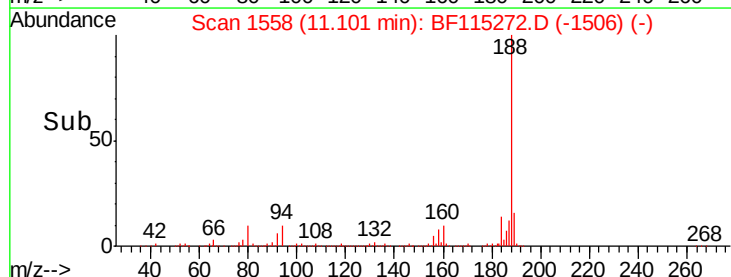
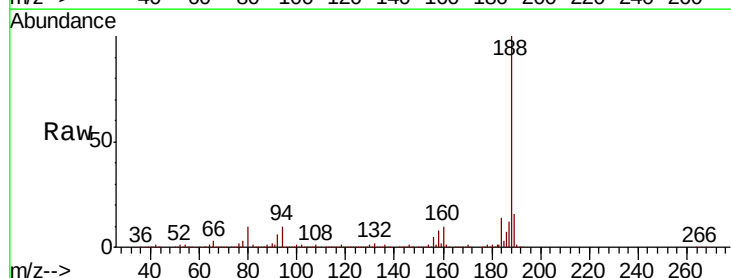
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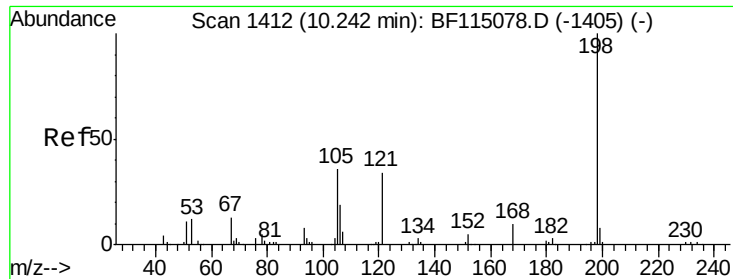
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.10 min Scan# 1558  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | 188   | Resp  | 958286 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 188     | 100   |       |        |
| 94      | 9.9   | 8.6   | 12.8   |
| 80      | 10.3  | 8.8   | 13.2   |





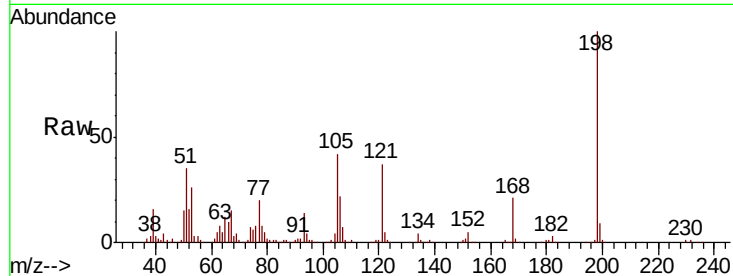
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 53.282 ng  
 RT: 10.23 min Scan# 1410  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

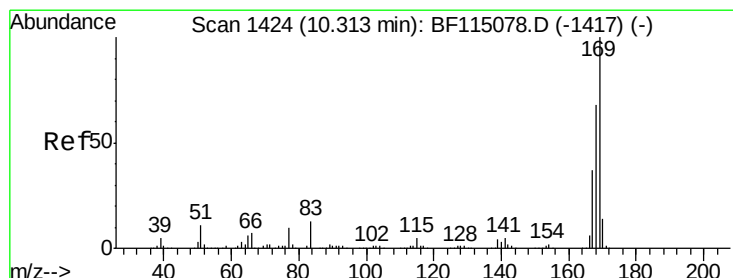
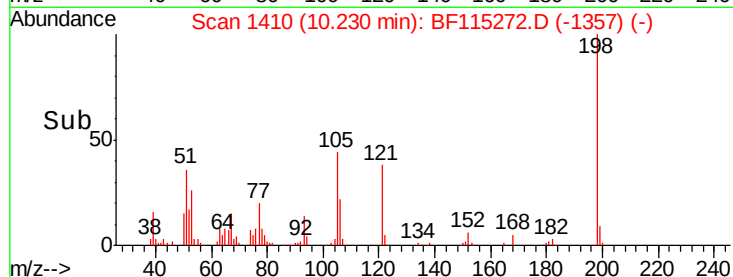
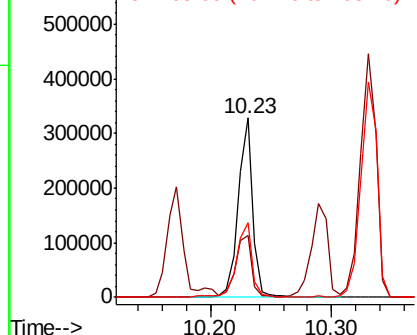
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 274780 |       |       |
| 51      | 34.6  | 11.0   | 51.0  |       |
| 105     | 41.8  | 17.3   | 57.3  |       |

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 7/1/2019 3:05:37 PM

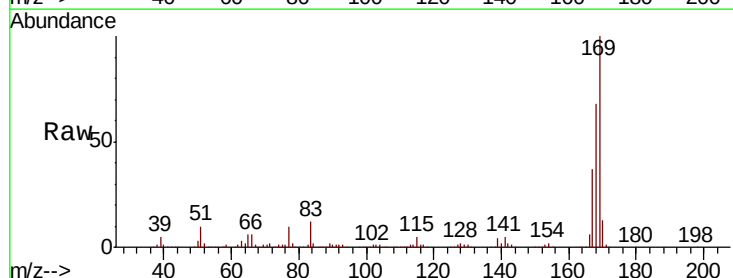


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

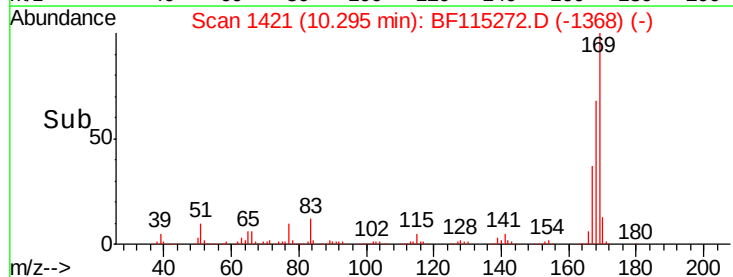
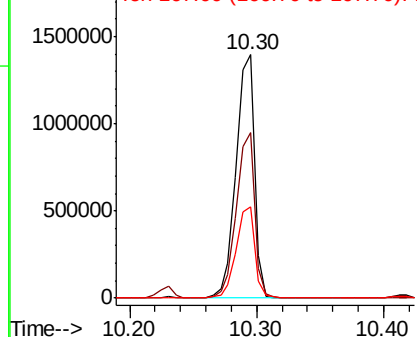


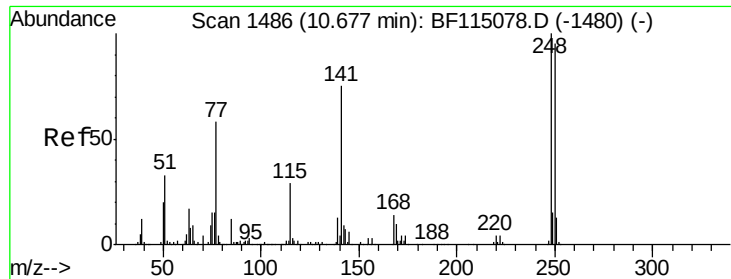
#66  
 n-Nitrosodiphenylamine  
 Concen: 46.388 ng  
 RT: 10.30 min Scan# 1421  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1384936 |       |       |
| 168     | 67.8  | 54.2    | 81.4  |       |
| 167     | 37.3  | 29.4    | 44.0  |       |



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





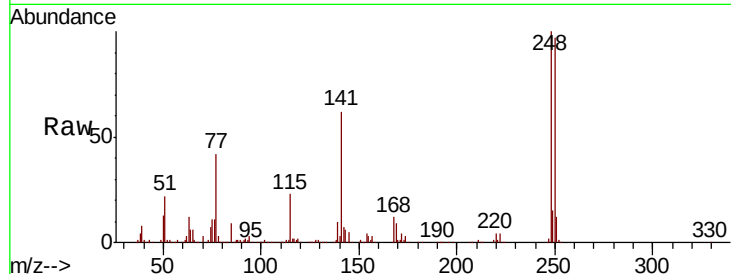
#67  
4-Bromophenyl-phenylether  
Concen: 46.510 ng  
RT: 10.66 min Scan# 1483  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 76.2  | 114.2 |
| 141     | 62.5  | 59.6  | 89.4  |

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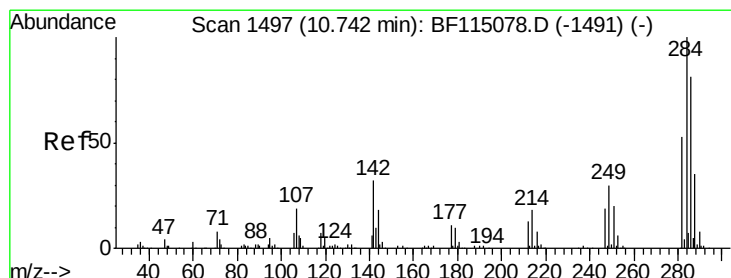
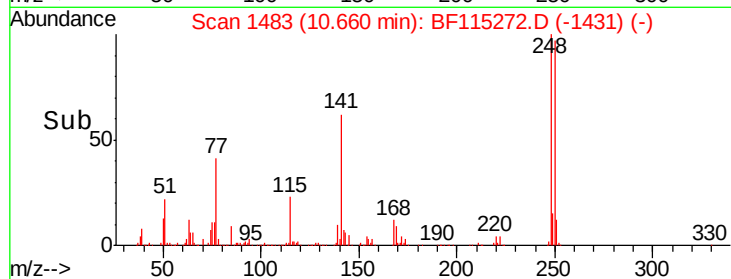
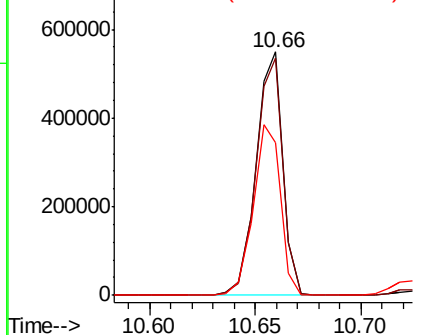


Abundance

Ion 248.00 (247.70 to 248.70): E

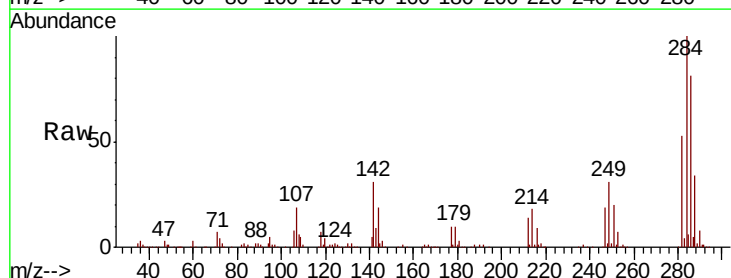
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 47.087 ng  
RT: 10.72 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.4  | 25.8  | 38.8  |
| 249     | 30.8  | 24.2  | 36.4  |

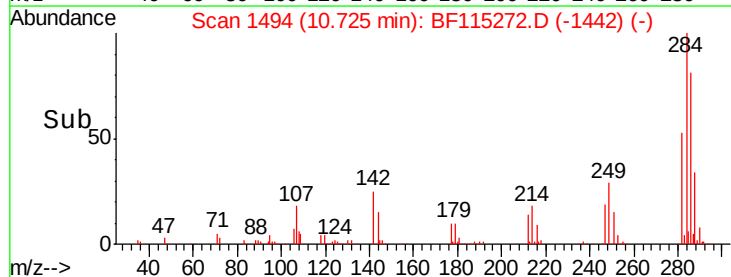
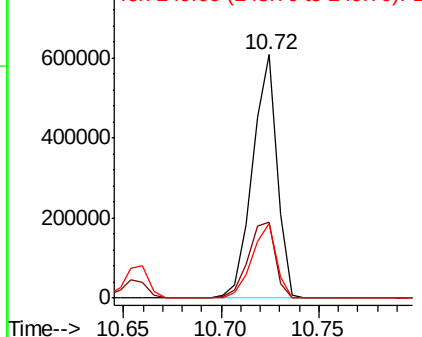


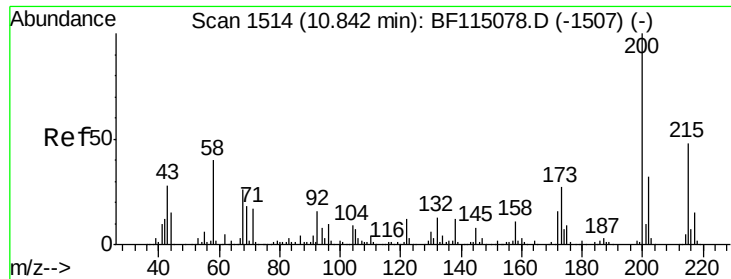
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





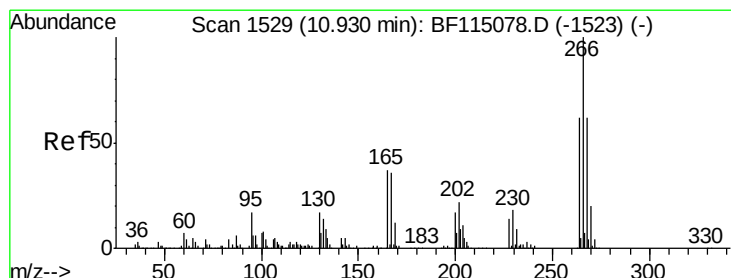
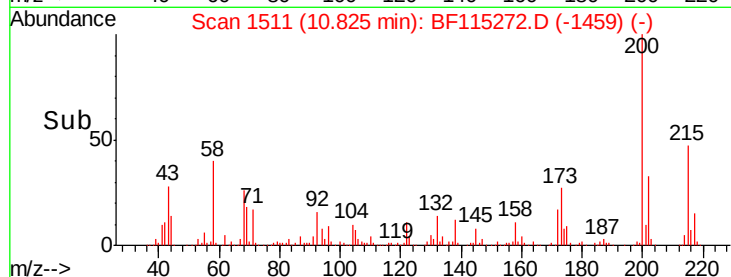
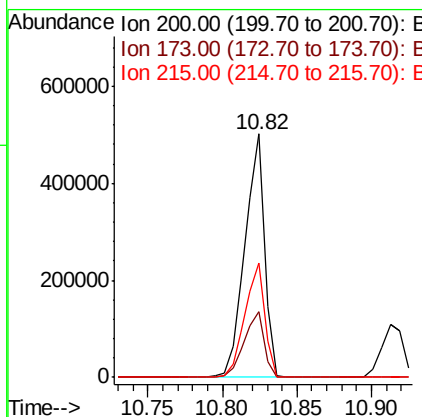
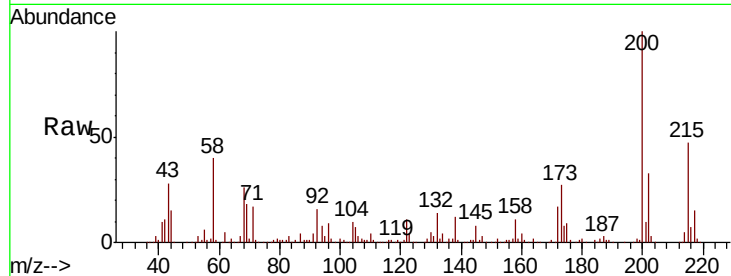
#69  
 Atrazine  
 Concen: 47.794 ng  
 RT: 10.82 min Scan# 1511  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 459009 |       |       |
| 173     | 27.1  | 7.4    | 47.4  |       |
| 215     | 47.1  | 27.8   | 67.8  |       |

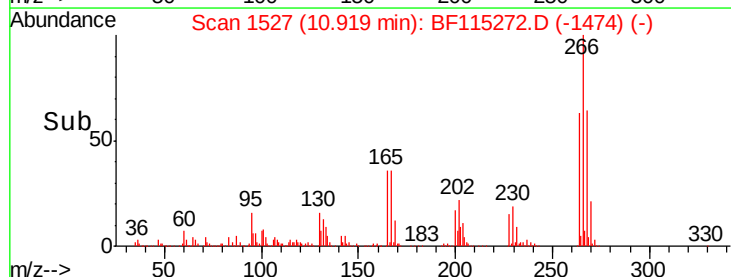
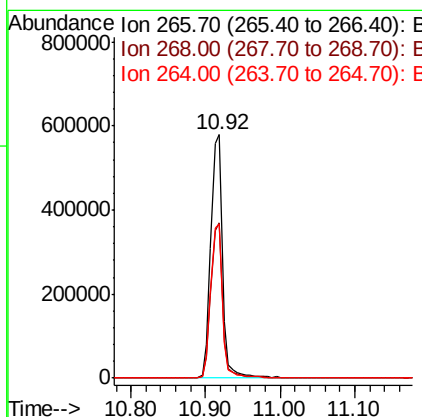
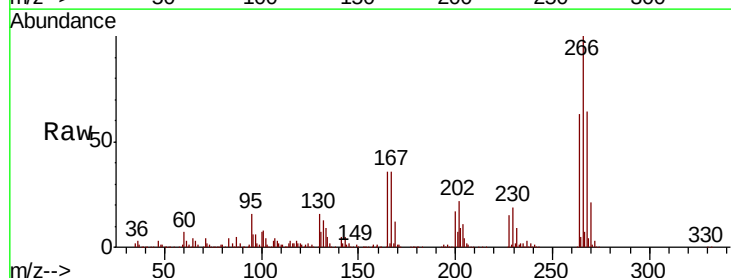
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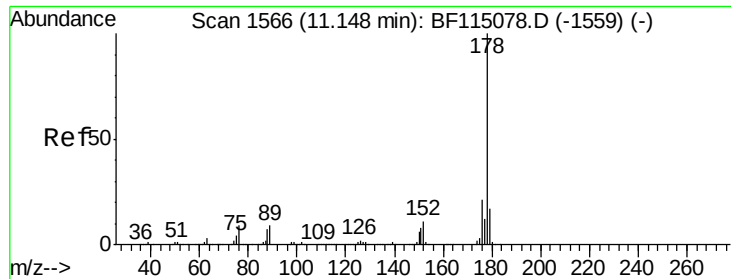
mohammad  
 7/1/2019 3:05:37 PM



#70  
 Pentachlorophenol  
 Concen: 88.398 ng  
 RT: 10.92 min Scan# 1527  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 635103 |       |       |
| 268     | 63.6  | 49.5   | 74.3  |       |
| 264     | 63.3  | 49.3   | 73.9  |       |





#71

Phenanthrene

Concen: 42.917 ng

RT: 11.13 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

ClientSampleId :

PB120961BS

Tot Ion:178 Resp: 2214313

Ion Ratio Lower Upper

178 100

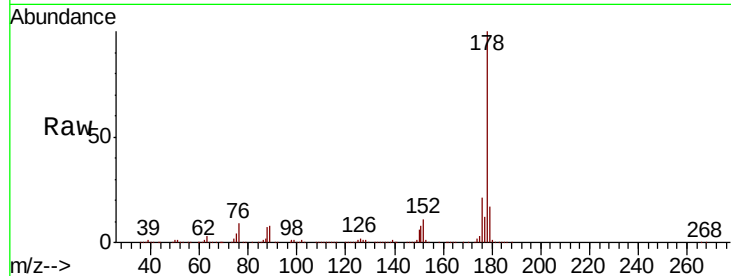
176 21.3 16.9 25.3

179 16.7 13.2 19.8

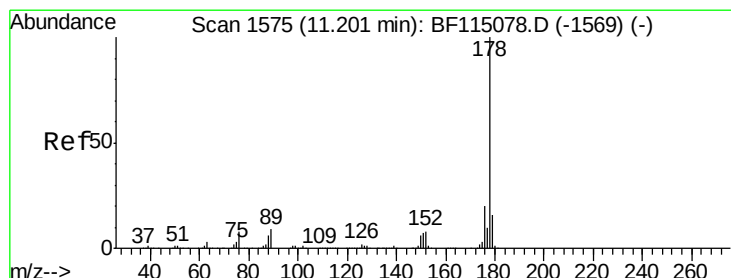
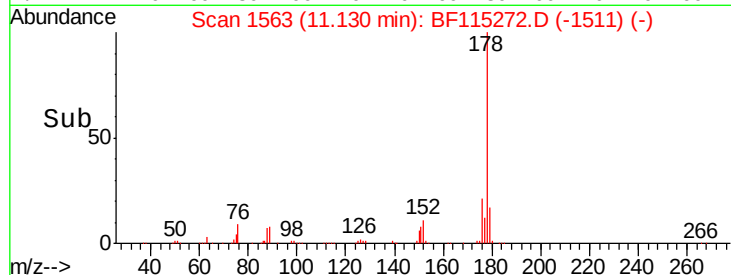
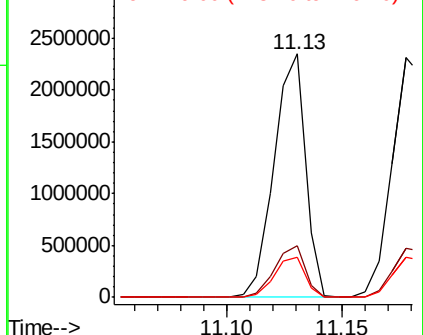
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Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.724 ng

RT: 11.18 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Tgt Ion:178 Resp: 2277241

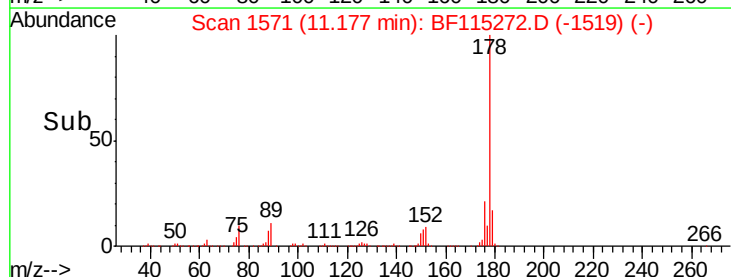
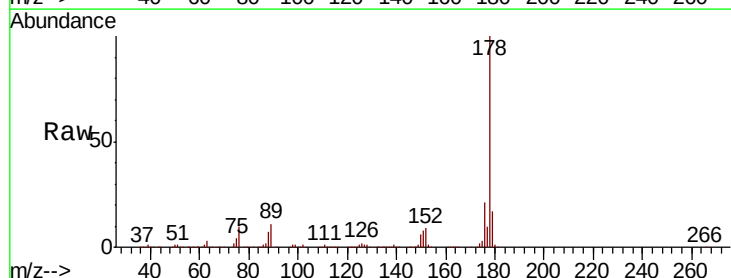
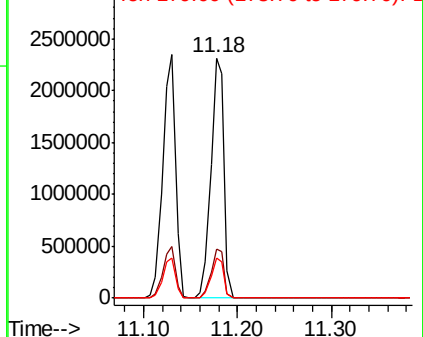
Ion Ratio Lower Upper

178 100

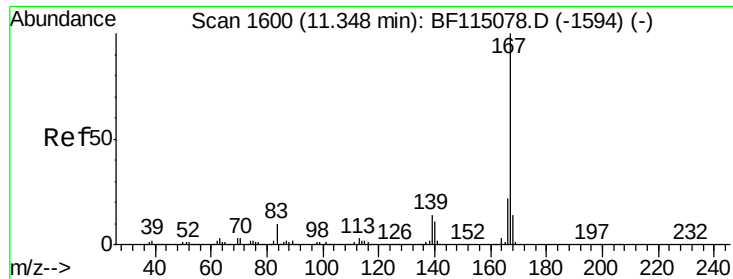
176 20.6 16.1 24.1

179 16.8 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E







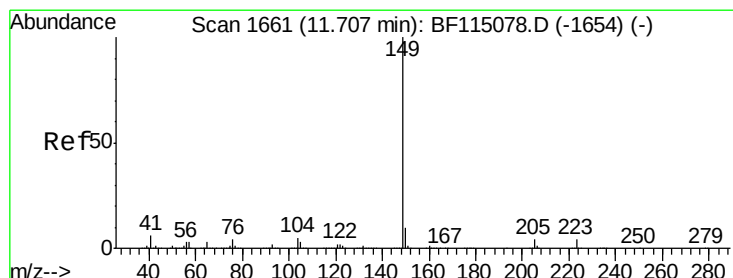
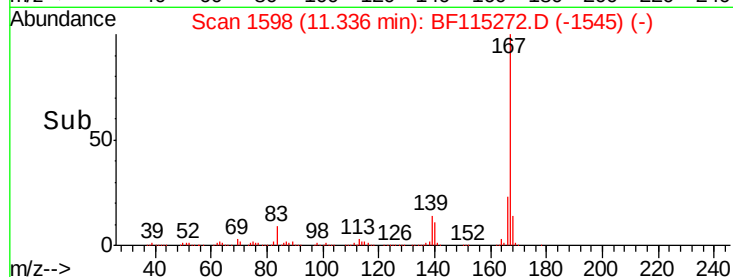
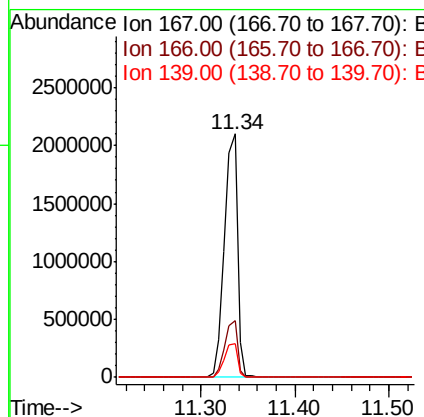
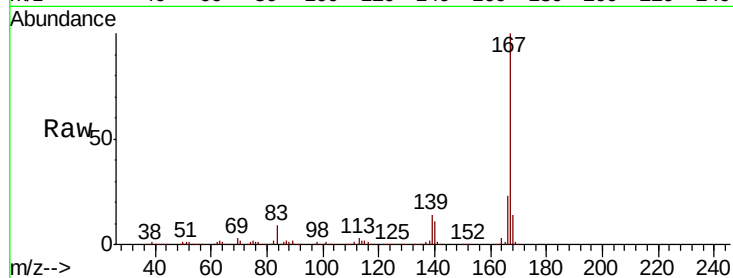
#73  
 Carbazole  
 Concen: 44.458 ng  
 RT: 11.34 min Scan# 1598  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.3  | 18.0  | 27.0  |
| 139     | 13.8  | 11.1  | 16.7  |

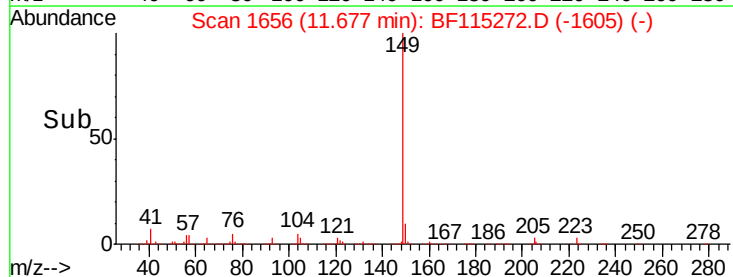
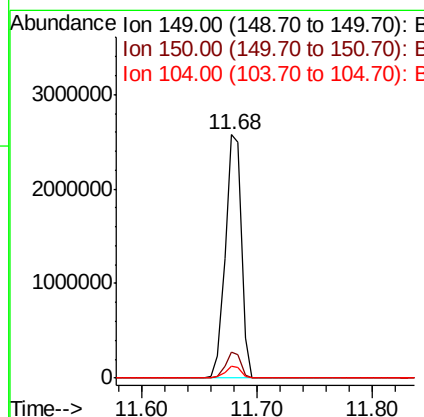
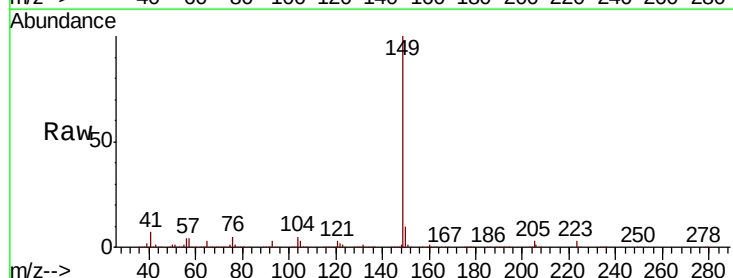
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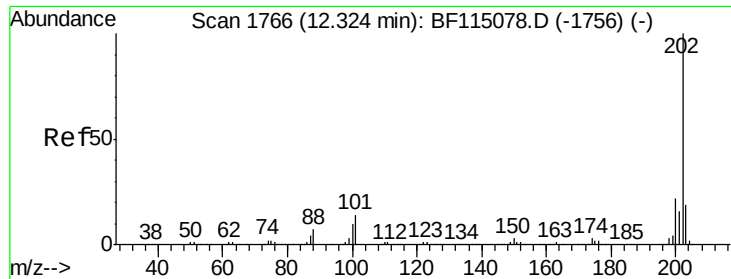
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#74  
 Di-n-butylphthalate  
 Concen: 46.141 ng  
 RT: 11.68 min Scan# 1656  
 Delta R.T. 0.00 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.5  | 7.8   | 11.8  |
| 104     | 5.1   | 3.7   | 5.5   |





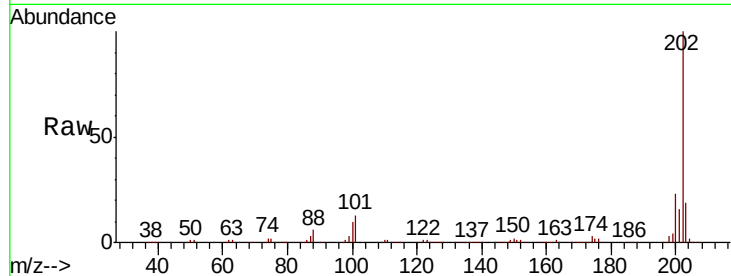
#75  
Fluoranthene  
Concen: 45.316 ng  
RT: 12.31 min Scan# 1763  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.3  | 0.0   | 34.0  |
| 203     | 18.6  | 0.0   | 38.8  |

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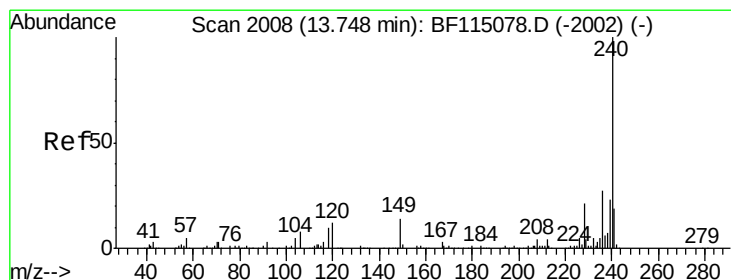
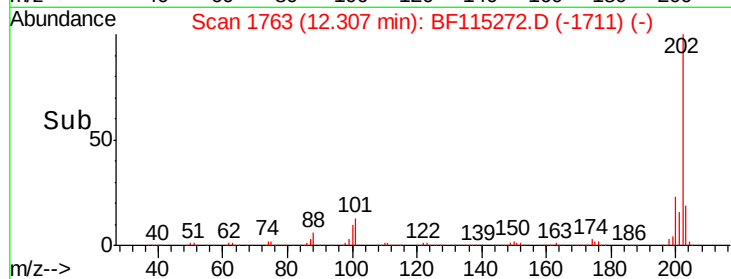
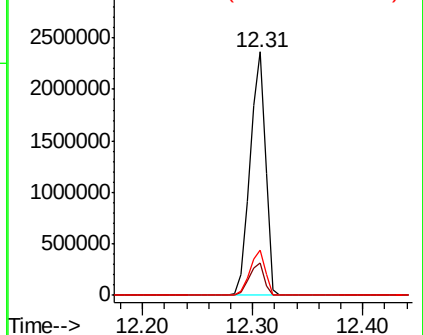


Abundance

Ion 202.00 (201.70 to 202.70): E

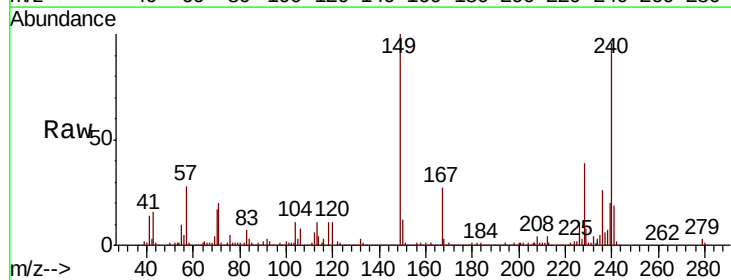
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.72 min Scan# 2004  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.7  | 9.4   | 14.2  |
| 236     | 27.1  | 21.7  | 32.5  |

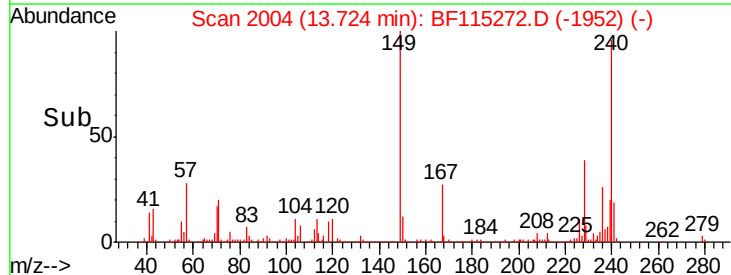
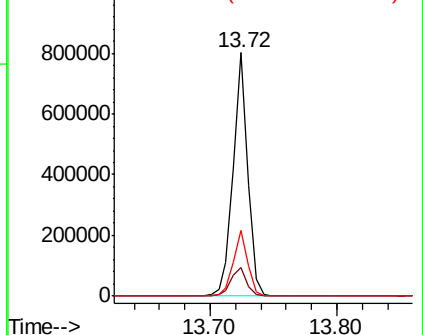


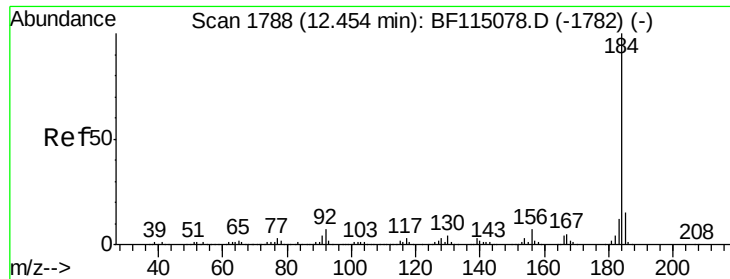
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.044 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

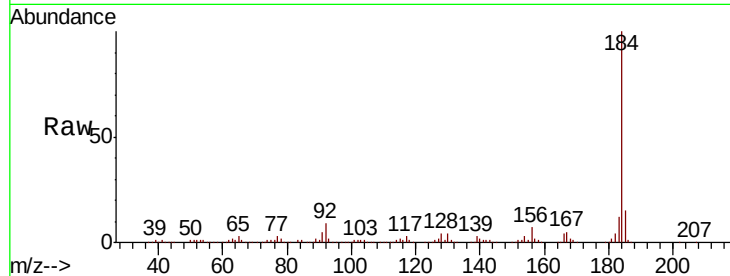
ClientSampleId :

PB120961BS

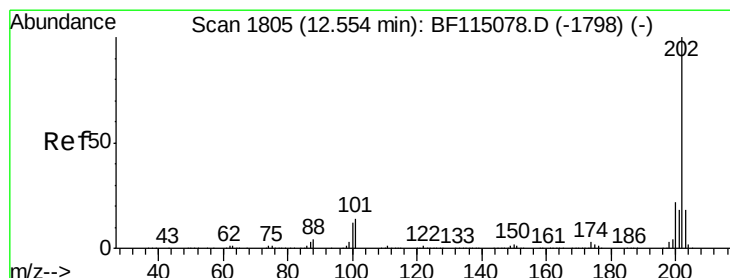
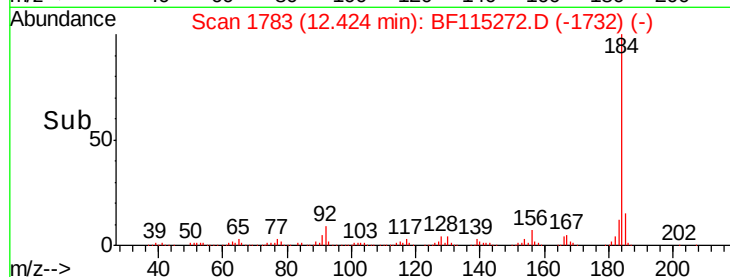
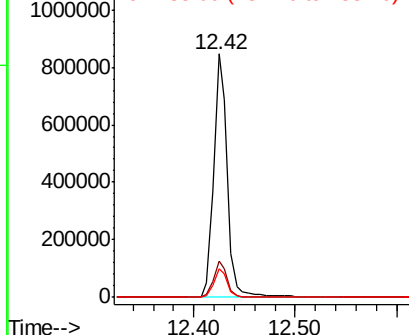
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 790188 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.9  | 12.2  | 18.2   |
| 183       | 11.8  | 9.6   | 14.4   |

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



#78

Pyrene

Concen: 48.368 ng

RT: 12.53 min Scan# 1801

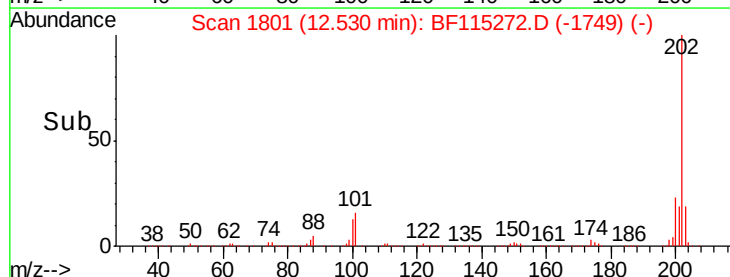
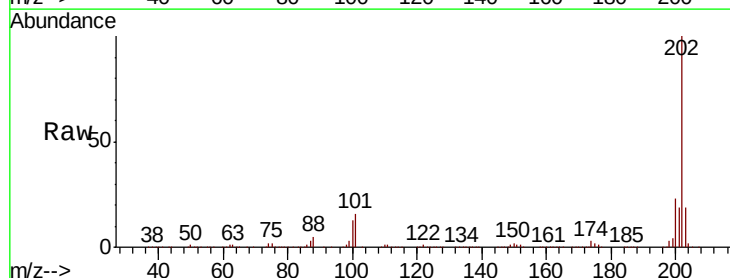
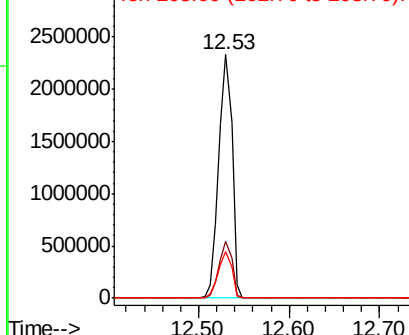
Delta R.T. 0.01 min

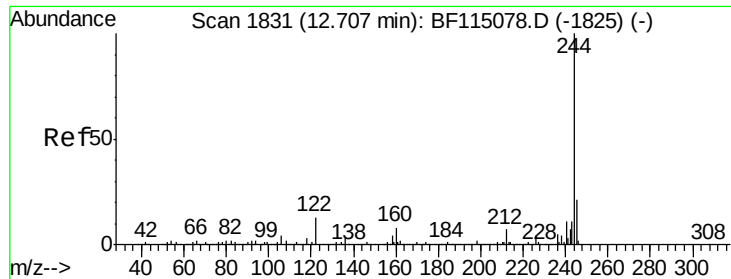
Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 2358702 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 23.5  | 17.9  | 26.9    |
| 203       | 19.1  | 14.6  | 21.8    |

Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





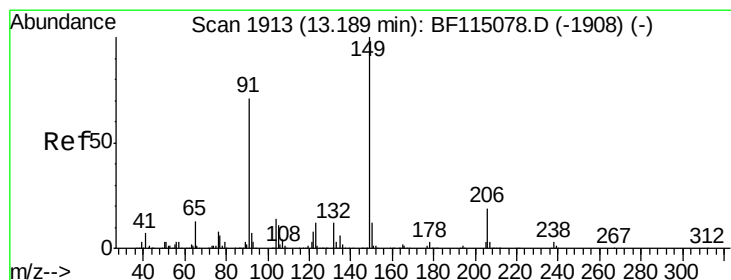
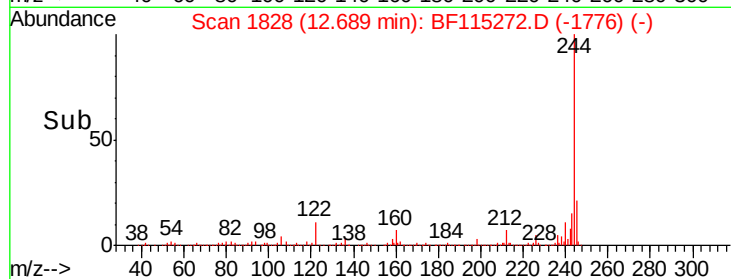
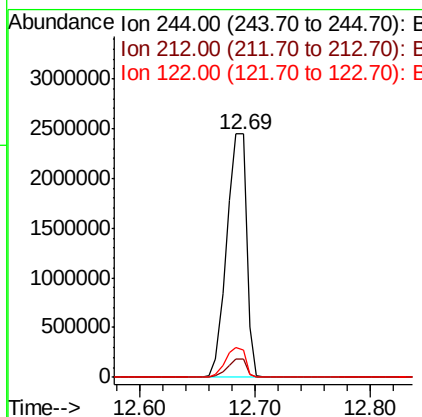
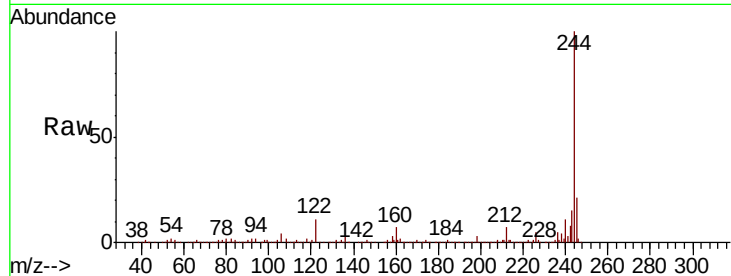
#79  
 Terphenyl-d14  
 Concen: 97.635 ng  
 RT: 12.69 min Scan# 1828  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.8   | 8.6   |
| 122     | 11.2  | 10.4  | 15.6  |

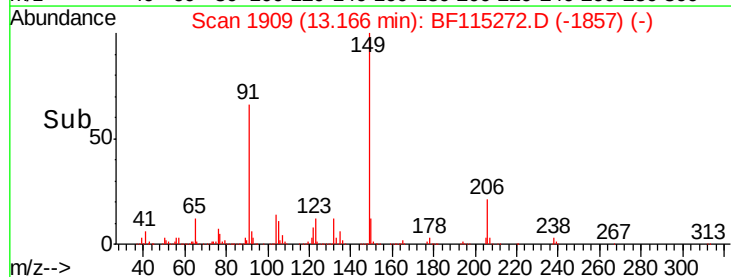
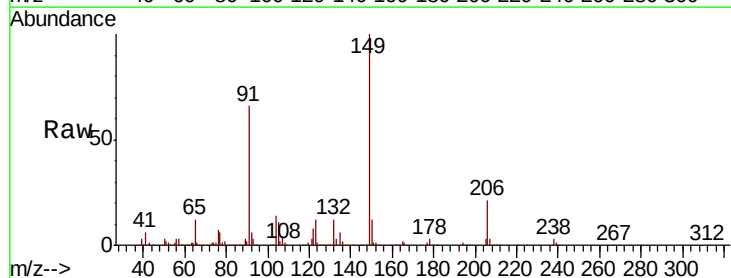
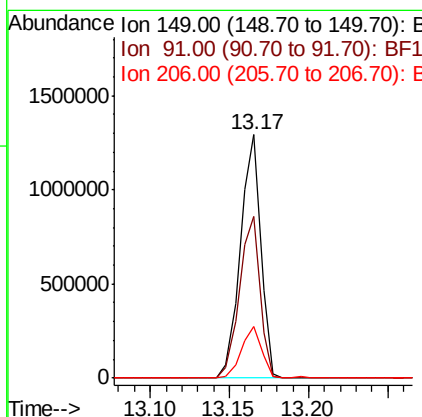
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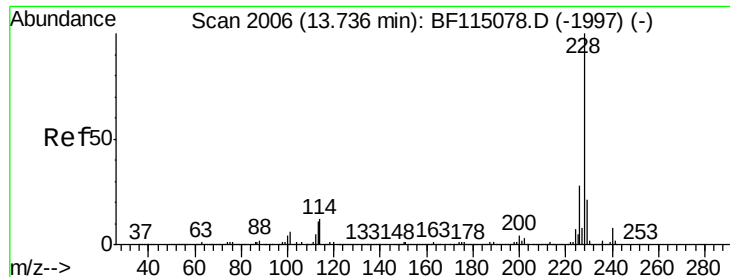
mohammad  
 7/1/2019 3:05:37 PM



#80  
 Butylbenzylphthalate  
 Concen: 53.480 ng  
 RT: 13.17 min Scan# 1909  
 Delta R.T. 0.01 min  
 Lab File: BF115272.D  
 Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 66.2  | 56.5  | 84.7  |
| 206     | 21.1  | 15.3  | 22.9  |





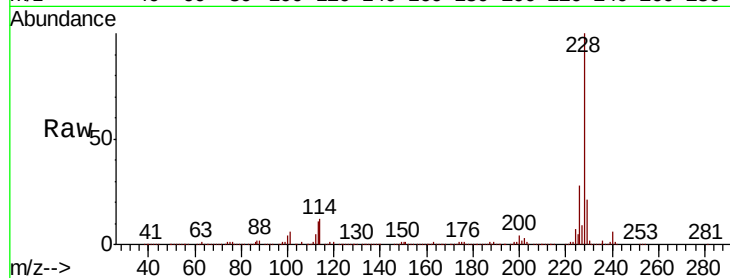
#81  
Benzo(a)anthracene  
Concen: 47.685 ng  
RT: 13.71 min Scan# 2002  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.5  | 33.7  |
| 229     | 20.9  | 16.6  | 24.8  |

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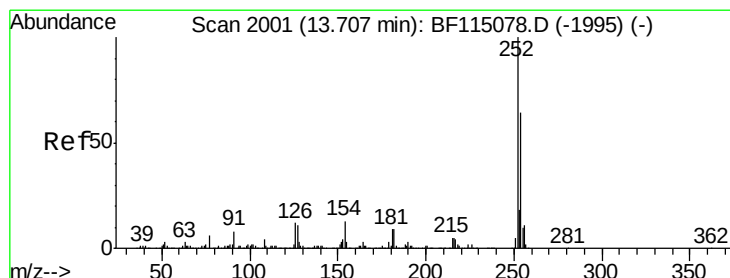
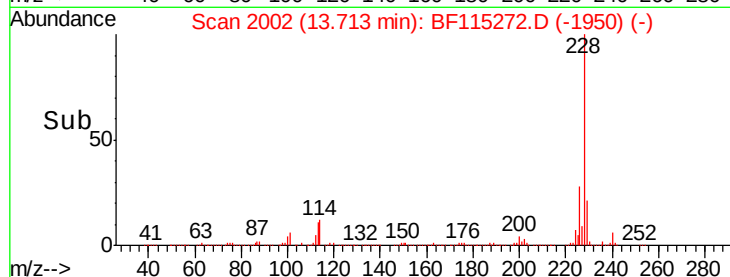
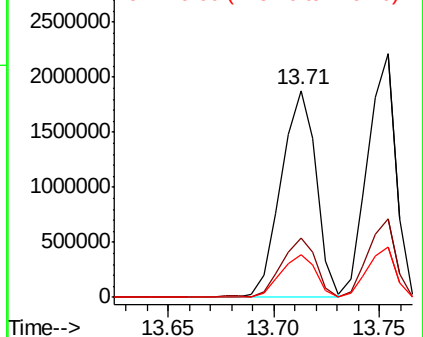


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 34.803 ng  
RT: 13.68 min Scan# 1997  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

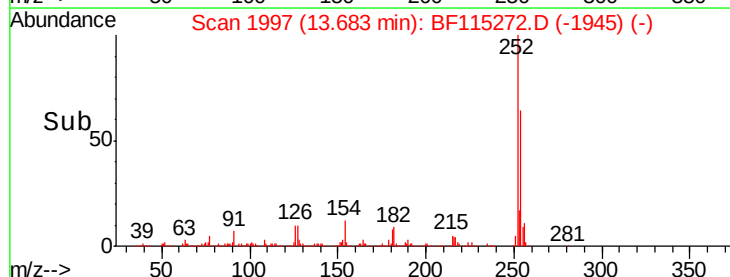
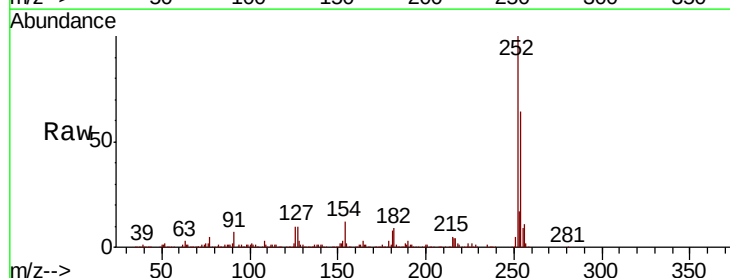
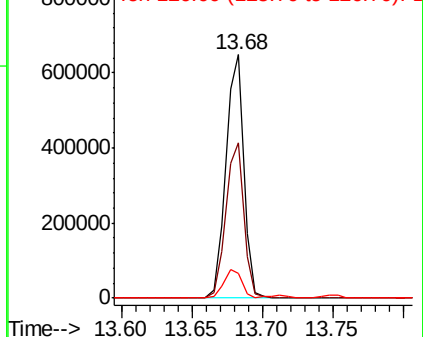
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.9  | 51.1  | 76.7  |
| 126     | 10.1  | 9.4   | 14.0  |

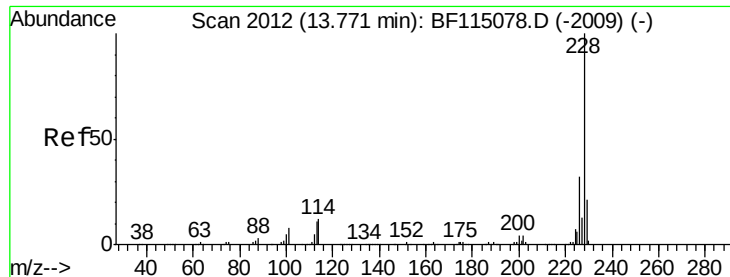
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.594 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

Instrument :

BNA\_F

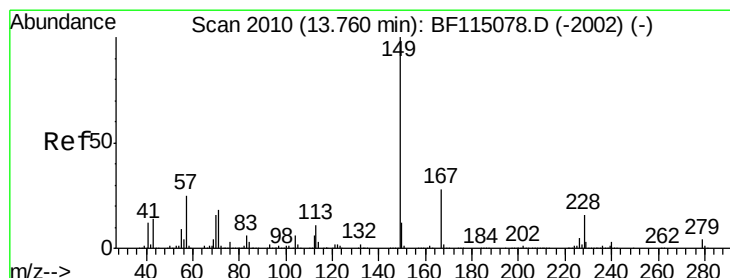
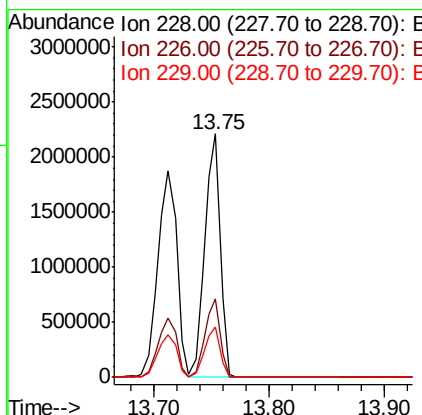
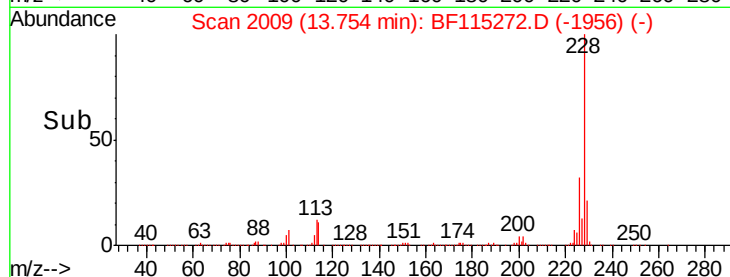
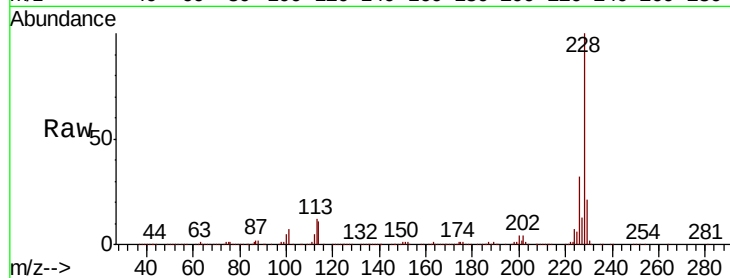
ClientSampleID :

PB120961BS

|     |         |       |         |
|-----|---------|-------|---------|
| Tot | Ion:228 | Resp: | 2068454 |
| Ion | Ratio   | Lower | Upper   |
| 228 | 100     |       |         |
| 226 | 32.1    | 25.4  | 38.0    |
| 229 | 20.8    | 16.5  | 24.7    |

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7/1/2019 3:05:37 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.958 ng

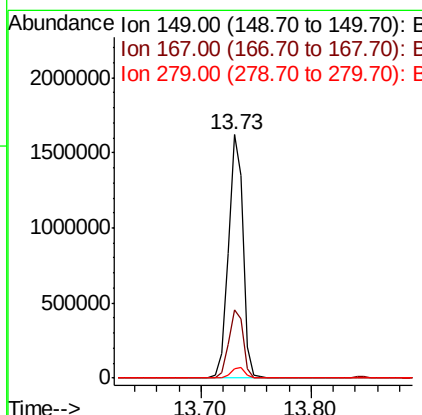
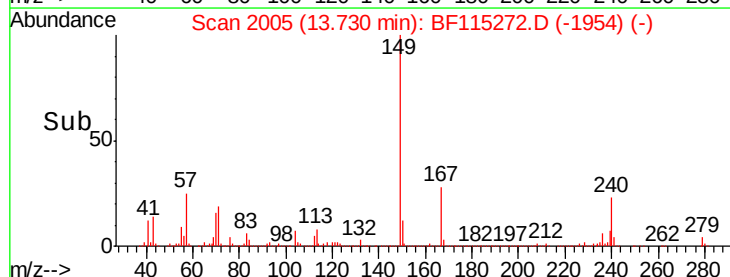
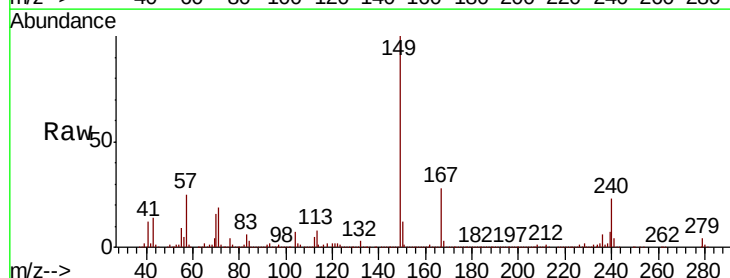
RT: 13.73 min Scan# 2005

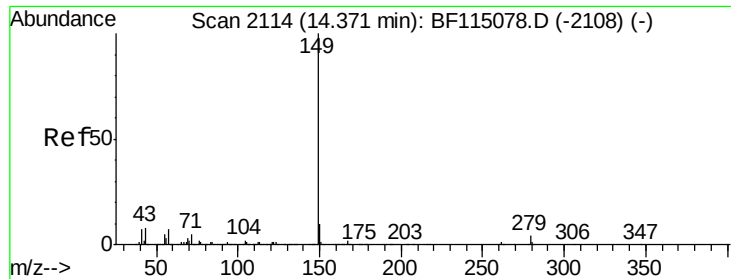
Delta R.T. 0.00 min

Lab File: BF115272.D

Acq: 28 Jun 2019 11:09

|         |      |             |               |
|---------|------|-------------|---------------|
| Tgt Ion | 149  | Resp: Lower | 1493363 Upper |
| 149     | 100  |             |               |
| 167     | 27.8 | 22.2        | 33.4          |
| 279     | 4.0  | 2.9         | 4.3           |





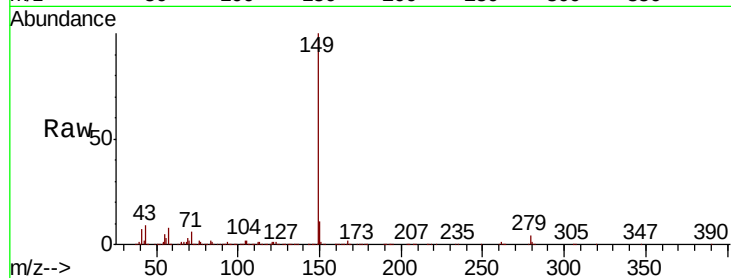
#85  
Di-n-octyl phthalate  
Concen: 54.951 ng  
RT: 14.34 min Scan# 2109  
Delta R.T. 0.00 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

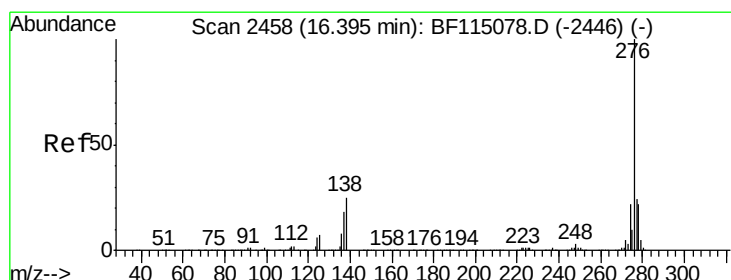
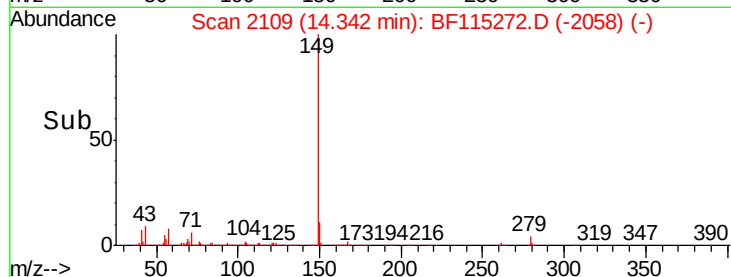
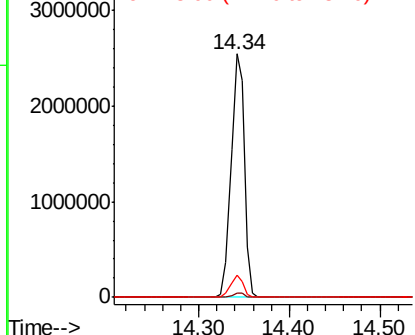
Tot Ion:149 Resp: 2603534  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 8.6 7.0 10.6

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7/1/2019 3:05:37 PM

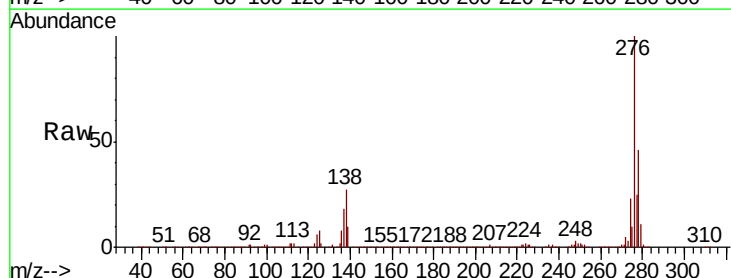


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

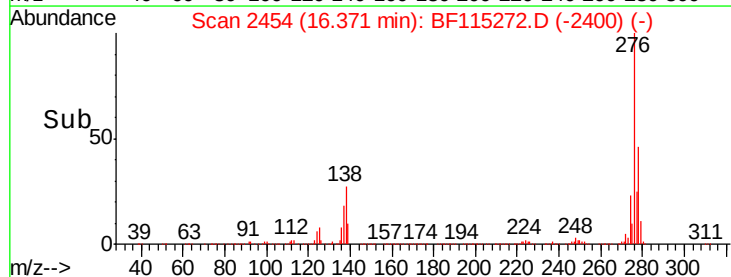
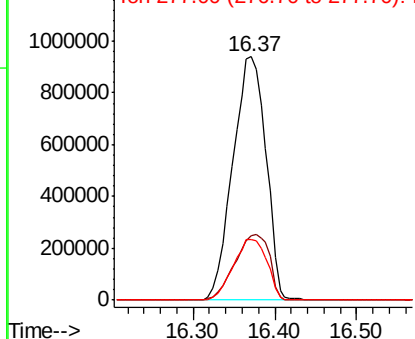


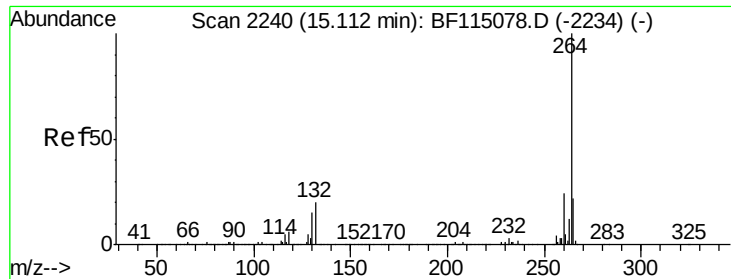
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.536 ng  
RT: 16.37 min Scan# 2454  
Delta R.T. 0.02 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Tgt Ion:276 Resp: 2642123  
Ion Ratio Lower Upper  
276 100  
138 28.3 23.2 34.8  
277 25.7 20.1 30.1



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





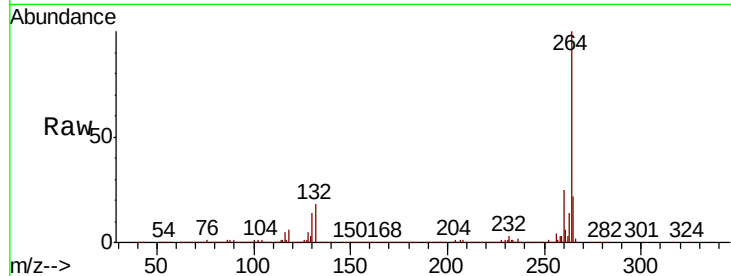
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.09 min Scan# 2237  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.3  | 19.6  | 29.4  |
| 265     | 22.0  | 17.3  | 25.9  |

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7/1/2019 3:05:37 PM

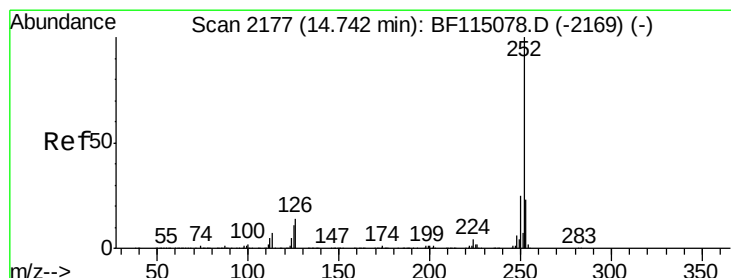
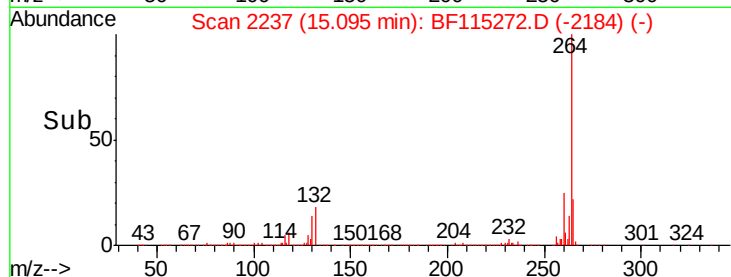
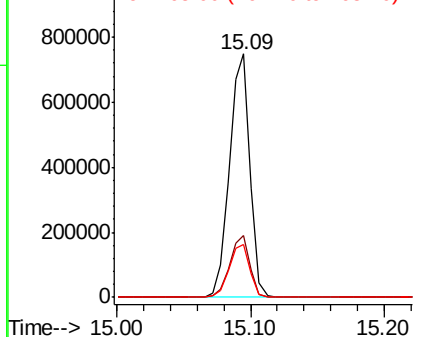


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88  
Benzo(b)fluoranthene  
Concen: 46.635 ng  
RT: 14.72 min Scan# 2174  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

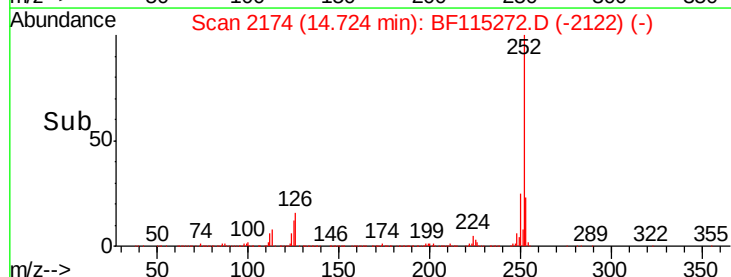
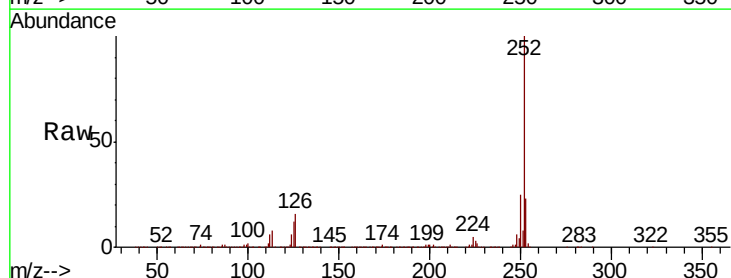
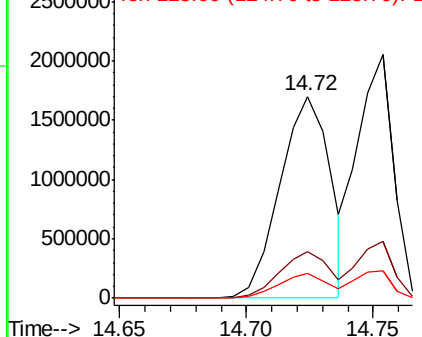
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.1  | 27.1  |
| 125     | 12.3  | 8.7   | 13.1  |

Abundance

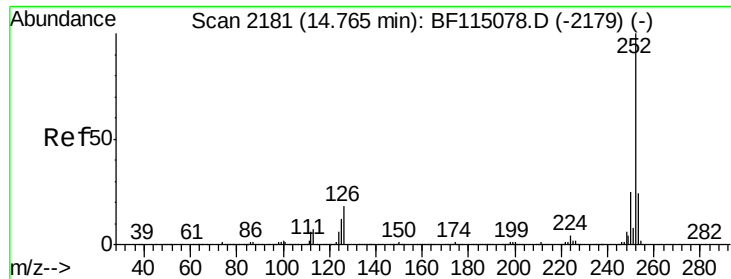
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







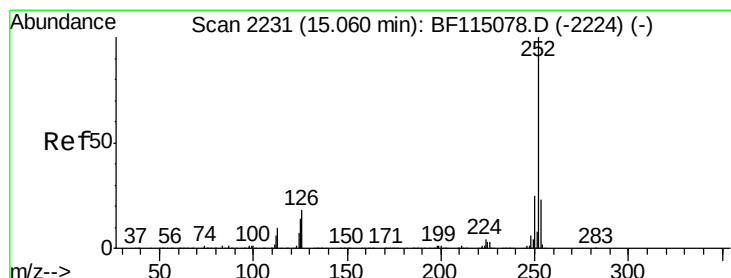
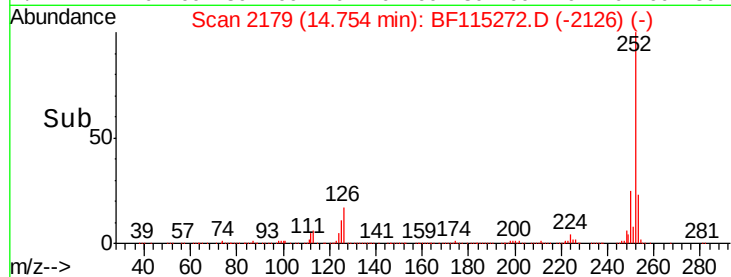
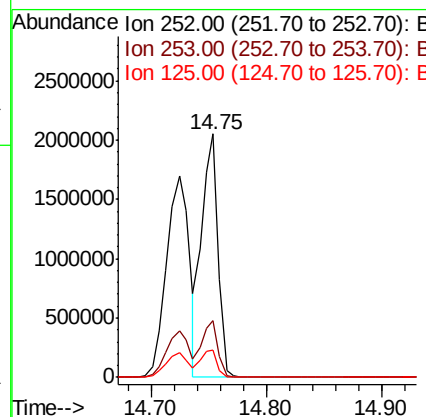
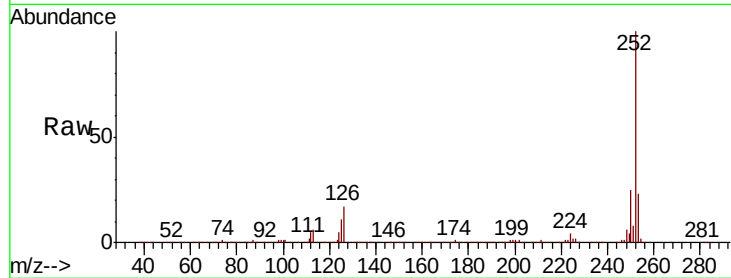
#89  
Benzo(k)fluoranthene  
Concen: 45.231 ng  
RT: 14.75 min Scan# 2179  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 18.9  | 28.3  |
| 125     | 11.3  | 10.2  | 15.2  |

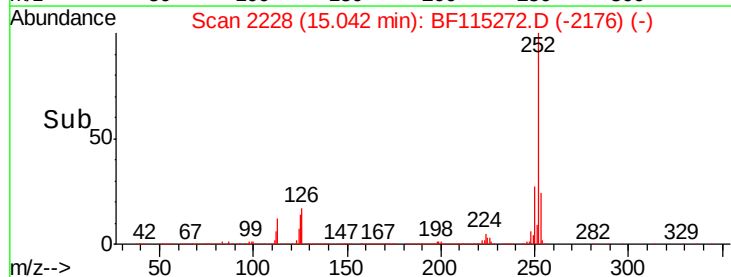
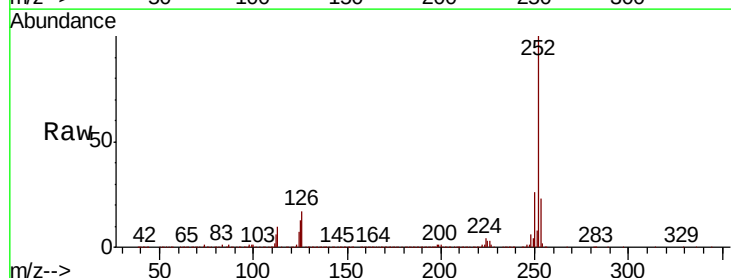
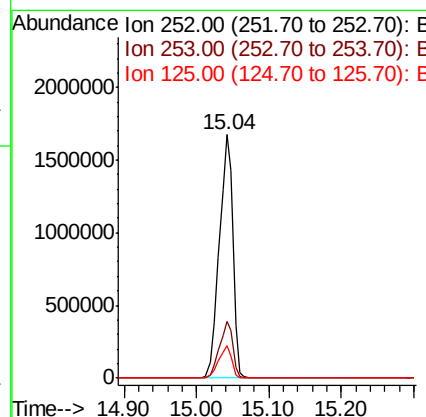
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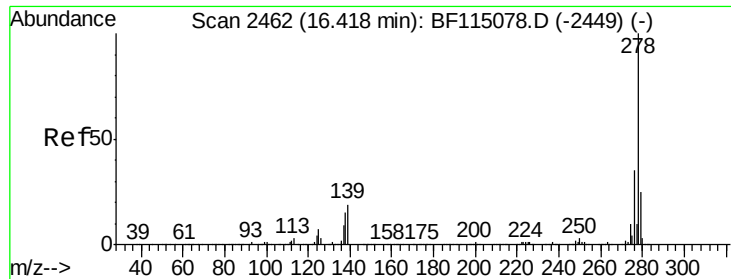
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#90  
Benzo(a)pyrene  
Concen: 48.092 ng  
RT: 15.04 min Scan# 2228  
Delta R.T. 0.01 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.3  | 18.3  | 27.5  |
| 125     | 13.2  | 10.9  | 16.3  |





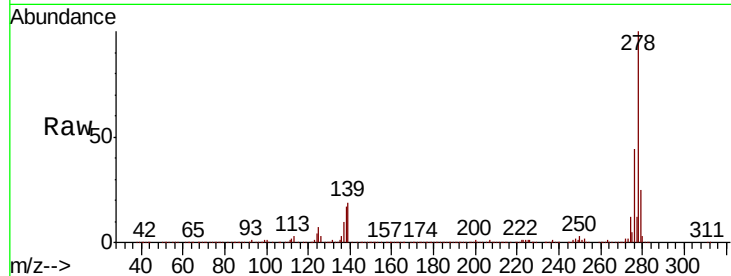
#91  
Dibenzo(a,h)anthracene  
Concen: 50.469 ng  
RT: 16.39 min Scan# 2457  
Delta R.T. 0.02 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB120961BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.9  | 15.4  | 23.2  |
| 279     | 25.1  | 19.9  | 29.9  |

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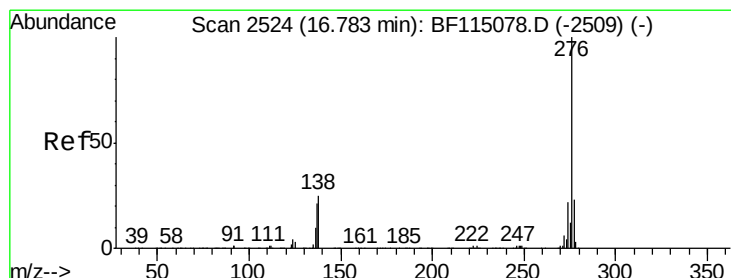
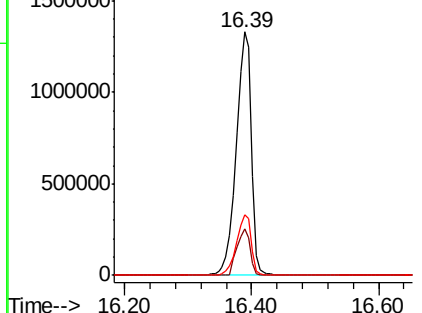
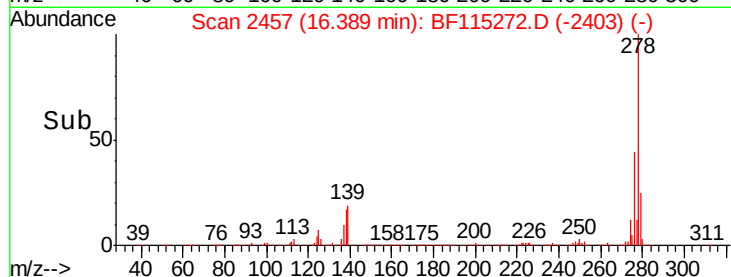


Abundance

Ion 278.00 (277.70 to 278.70): E

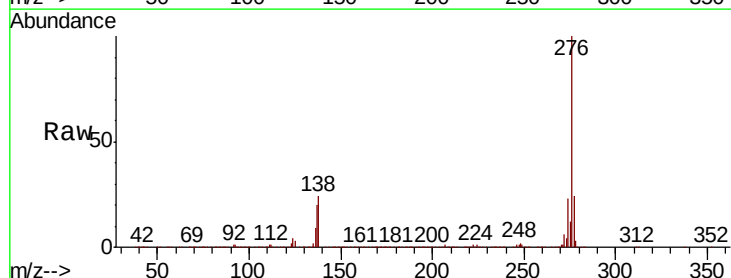
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 52.807 ng  
RT: 16.76 min Scan# 2520  
Delta R.T. 0.02 min  
Lab File: BF115272.D  
Acq: 28 Jun 2019 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.3  | 18.6  | 28.0  |
| 138     | 23.8  | 19.8  | 29.6  |



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

