

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062919\  
 Data File : BF115310.D  
 Acq On : 29 Jun 2019 9:14  
 Operator : HP/JU  
 Sample : PB121004BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

Manual Integrations  
 APPROVED

mohammad  
 7/1/2019 5:58:48 PM

Quant Time: Jun 30 01:56:20 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  | 202474   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.88  | 136  | 775887   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.62  | 164  | 378051   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.10 | 188  | 736298   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.72 | 240  | 523007   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.08 | 264  | 637478   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.21  | 112 | 1506746 | 114.84 | ng | 0.02 |
| 7) Phenol-d6             | 6.25  | 99  | 1808377 | 113.55 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.17  | 82  | 1069093 | 84.76  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.41 | 330 | 532418  | 133.55 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 8.96  | 172 | 2040767 | 91.69  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.68 | 244 | 2150791 | 87.44  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.25 | 88  | 248919  | 40.198 | ng | 99     |
| 3) Pyridine                    | 2.90 | 79  | 640486  | 36.698 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.84 | 42  | 253846  | 37.101 | ng | 96     |
| 6) Aniline                     | 6.26 | 93  | 614054  | 28.055 | ng | # 22   |
| 8) 2-Chlorophenol              | 6.38 | 128 | 622045  | 42.163 | ng | 98     |
| 9) Benzaldehyde                | 6.14 | 77  | 352972  | 33.973 | ng | 95     |
| 10) Phenol                     | 6.26 | 94  | 712946  | 38.219 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.34 | 93  | 557360  | 40.533 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.54 | 146 | 672529  | 41.074 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.62 | 146 | 683618  | 41.636 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.77 | 146 | 635537  | 41.798 | ng | 99     |
| 15) Benzyl Alcohol             | 6.75 | 79  | 434687  | 37.485 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.88 | 45  | 781798  | 39.200 | ng | 95     |
| 17) 2-Methylphenol             | 6.87 | 107 | 521626  | 42.834 | ng | 99     |
| 18) Hexachloroethane           | 7.11 | 117 | 243684  | 41.167 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.02 | 70  | 387688  | 38.025 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.02 | 107 | 606301  | 43.118 | ng | # 84   |
| 22) Acetophenone               | 7.01 | 105 | 814563  | 45.858 | ng | # 96   |
| 24) Nitrobenzene               | 7.18 | 77  | 619991  | 44.618 | ng | 96     |
| 25) Isophorone                 | 7.42 | 82  | 1108427 | 42.899 | ng | 100    |
| 26) 2-Nitrophenol              | 7.50 | 139 | 342659  | 49.935 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.55 | 122 | 569006  | 50.644 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.64 | 93  | 708114  | 43.361 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.74 | 162 | 530782  | 45.778 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.82 | 180 | 575891  | 44.966 | ng | 99     |
| 31) Naphthalene                | 7.90 | 128 | 1766754 | 46.388 | ng | 99     |
| 32) Benzoic acid               | 7.68 | 122 | 375486  | 46.819 | ng | 98     |
| 33) 4-Chloroaniline            | 7.95 | 127 | 454038  | 26.085 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.03 | 225 | 316512  | 45.097 | ng | 99     |
| 35) Caprolactam                | 8.32 | 113 | 172896m | 44.352 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.44 | 107 | 525247  | 44.731 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.60 | 142 | 1186033 | 46.185 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.69 | 142 | 1110300 | 45.270 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.76 | 216 | 509580  | 47.700 | ng | 99     |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

Manual Integrations  
 APPROVED

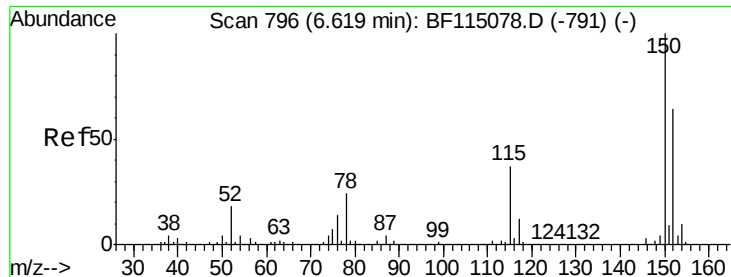
mohammad  
 7/1/2019 5:58:48 PM

Quant Time: Jun 30 01:56:20 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062119.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.75  | 237  | 618825   | 97.689 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.87  | 196  | 379795   | 46.049 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.91  | 196  | 403520   | 47.509 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.06  | 154  | 1387475  | 45.868 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.08  | 162  | 1100538  | 44.852 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.17  | 65   | 313389   | 43.809 | ng    | 94       |
| 49) Acenaphthylene             | 9.49  | 152  | 1728482  | 45.213 | ng    | 99       |
| 50) Dimethylphthalate          | 9.37  | 163  | 1238450  | 44.526 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.42  | 165  | 295296   | 45.986 | ng    | 92       |
| 52) Acenaphthene               | 9.66  | 154  | 1010199  | 42.229 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.58  | 138  | 221418   | 28.256 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.69  | 184  | 317428   | 94.592 | ng    | 92       |
| 55) Dibenzofuran               | 9.84  | 168  | 1511868  | 44.033 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.75  | 139  | 530419   | 84.431 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 9.82  | 165  | 384185   | 46.336 | ng    | 95       |
| 58) Fluorene                   | 10.17 | 166  | 1080471  | 47.654 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 9.95  | 232  | 340212   | 47.769 | ng    | 98       |
| 60) Diethylphthalate           | 10.06 | 149  | 1213881  | 43.417 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.17 | 204  | 523357   | 48.742 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.19 | 138  | 329256   | 41.883 | ng    | 99       |
| 63) Azobenzene                 | 10.33 | 77   | 1140994  | 43.692 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.22 | 198  | 200598   | 50.872 | ng    | 85       |
| 66) n-Nitrosodiphenylamine     | 10.29 | 169  | 1026787  | 44.761 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.65 | 248  | 358099   | 44.858 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.72 | 284  | 393952   | 45.465 | ng    | 95       |
| 69) Atrazine                   | 10.82 | 200  | 328474   | 44.514 | ng    | 99       |
| 70) Pentachlorophenol          | 10.91 | 266  | 481381   | 87.203 | ng    | 96       |
| 71) Phenanthrene               | 11.12 | 178  | 1697304  | 42.814 | ng    | 99       |
| 72) Anthracene                 | 11.18 | 178  | 1758733  | 43.949 | ng    | 99       |
| 73) Carbazole                  | 11.33 | 167  | 1570583  | 43.952 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.68 | 149  | 1819236  | 44.057 | ng    | 100      |
| 75) Fluoranthene               | 12.31 | 202  | 1756040  | 44.396 | ng    | 97       |
| 77) Benzidine                  | 12.43 | 184  | 880790   | 37.927 | ng    | 99       |
| 78) Pyrene                     | 12.53 | 202  | 1789346  | 44.518 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.16 | 149  | 804452   | 45.353 | ng    | 97       |
| 81) Benzo(a)anthracene         | 13.71 | 228  | 1641670  | 43.746 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.68 | 252  | 463397   | 34.194 | ng    | 99       |
| 83) Chrysene                   | 13.75 | 228  | 1559164  | 45.356 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.73 | 149  | 1047312  | 45.061 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.34 | 149  | 1812224  | 46.407 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.35 | 276  | 1930587  | 47.461 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.71 | 252  | 1728653  | 43.459 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 14.74 | 252  | 1557223  | 43.655 | ng    | 97       |
| 90) Benzo(a)pyrene             | 15.03 | 252  | 1648486  | 45.981 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.37 | 278  | 1580927  | 47.235 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.74 | 276  | 1636130  | 48.299 | ng    | 99       |

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





#1

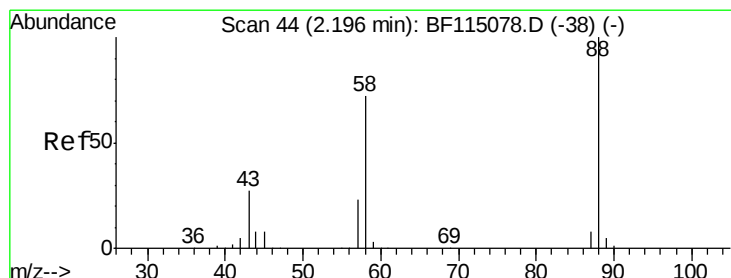
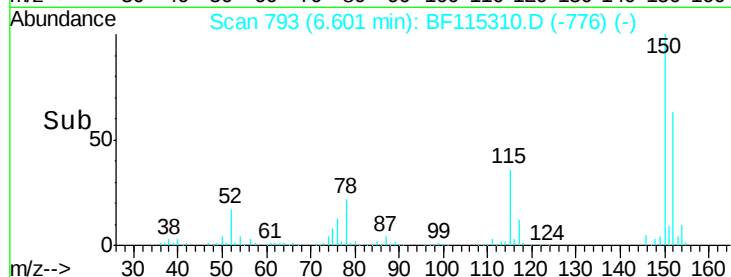
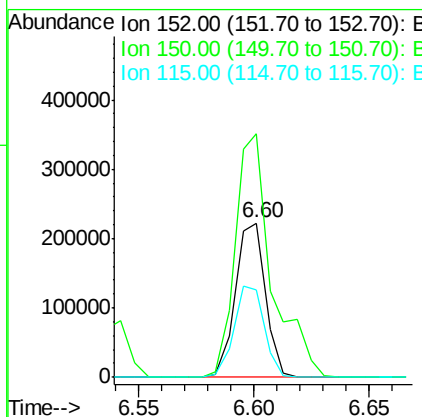
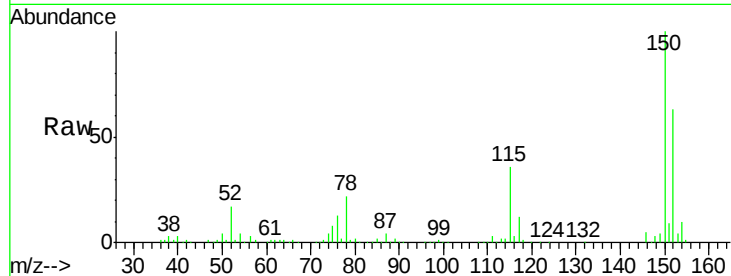
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.60 min Scan# 793  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 124.2 | 186.2 |
| 115     | 56.4  | 46.1  | 69.1  |

Manual Integrations  
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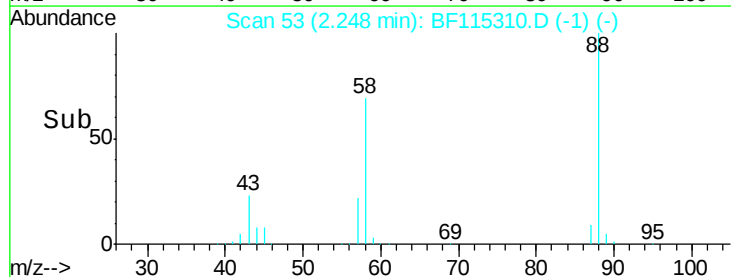
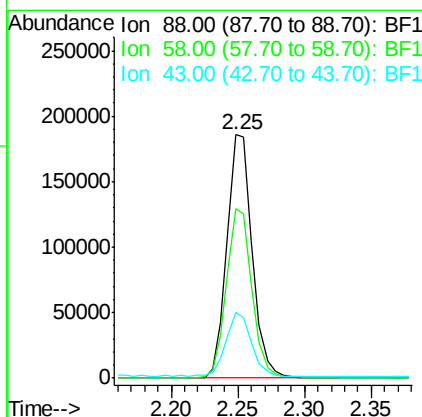
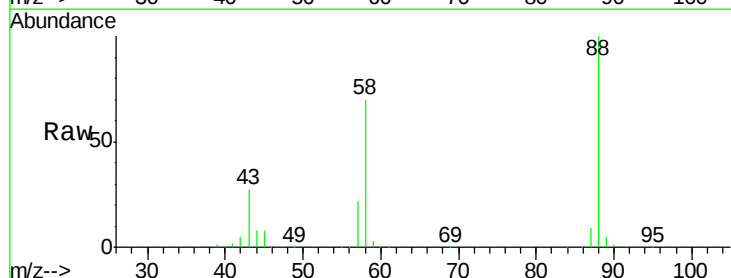
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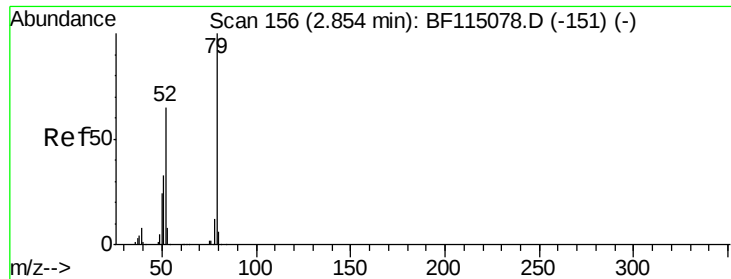


#2

1,4-Dioxane  
Concen: 40.198 ng  
RT: 2.25 min Scan# 53  
Delta R.T. 0.09 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.5  | 56.1  | 84.1  |
| 43      | 26.4  | 21.3  | 31.9  |





#3

Pyridine

Concen: 36.698 ng

RT: 2.90 min Scan# 163

Delta R.T. 0.09 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

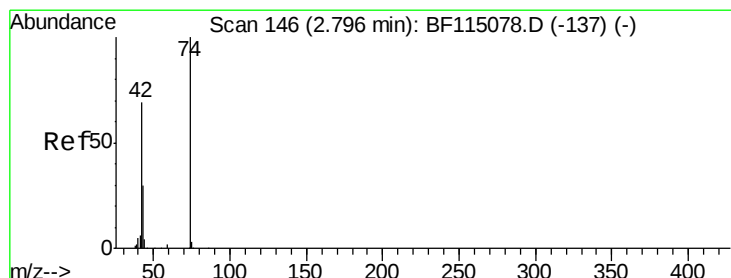
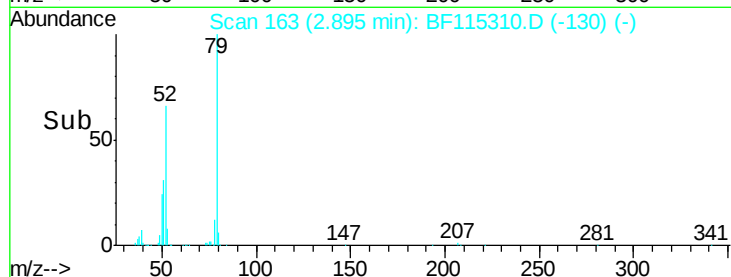
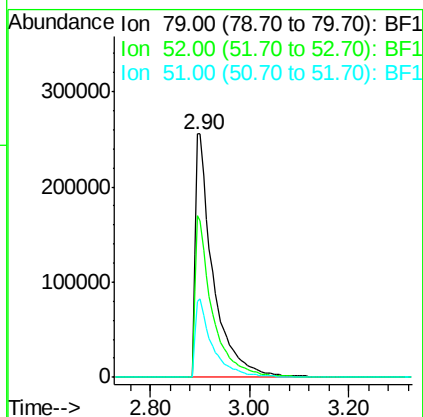
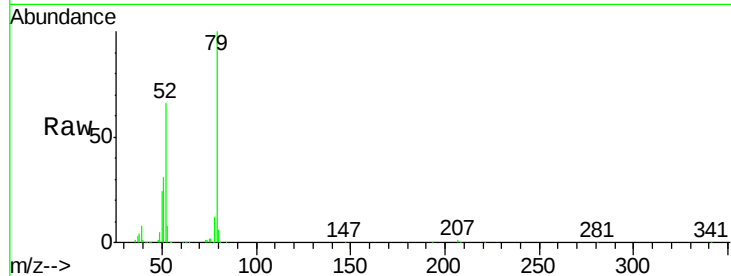
ClientSampleId :

PB121004BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 640486 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 66.2  | 52.3  | 78.5   |
| 51       | 31.2  | 26.1  | 39.1   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.101 ng

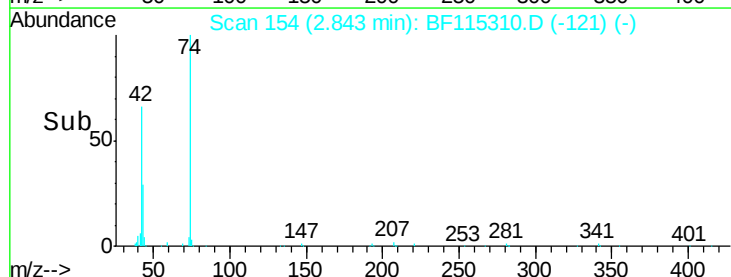
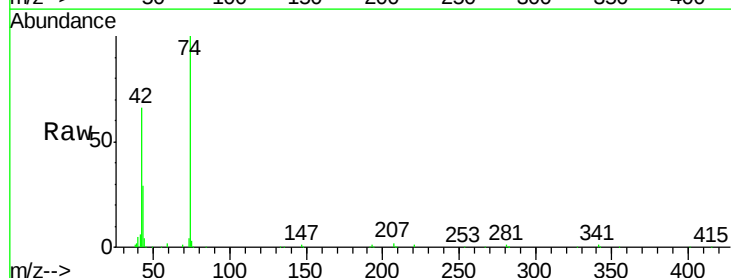
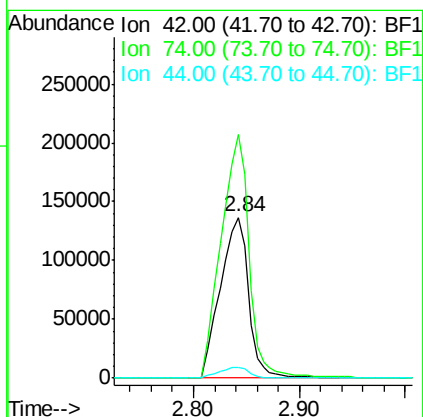
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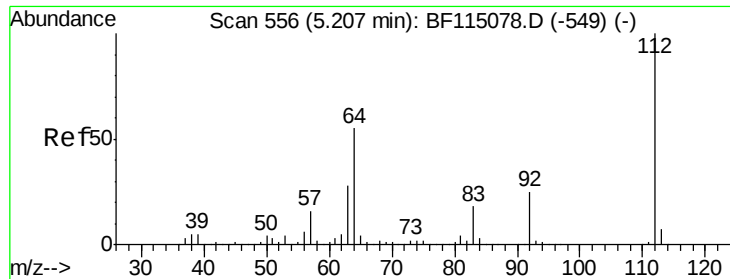
Delta R.T. 0.09 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 253846 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 151.3 | 116.6 | 175.0  |
| 44       | 6.7   | 5.3   | 7.9    |





#5

2-Fluorophenol

Concen: 114.838 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

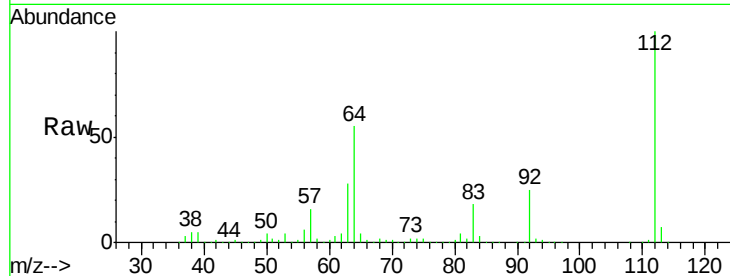
ClientSampleId :

PB121004BSD

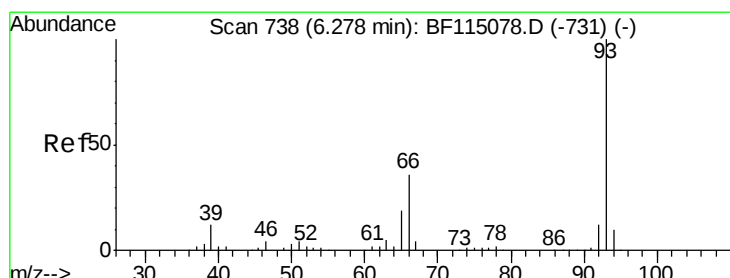
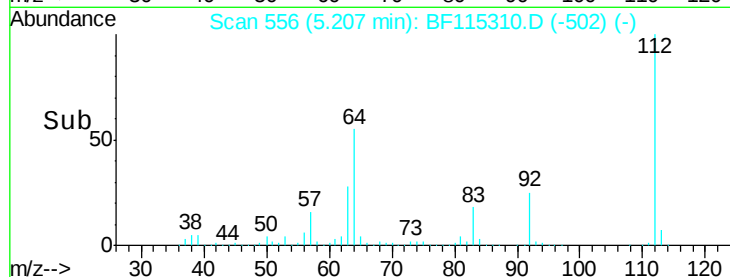
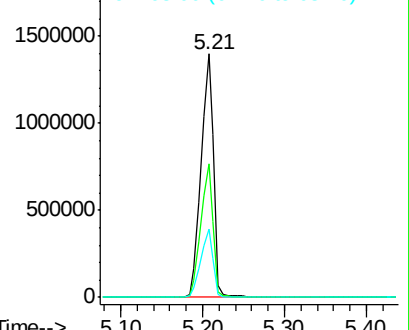
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1506746 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 54.6  | 43.8  | 65.6    |
| 63       | 28.3  | 22.2  | 33.4    |

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Abundance Ion 112.00 (111.70 to 112.70): BF115310.D (-502) (-)



#6

Aniline

Concen: 28.055 ng

RT: 6.26 min Scan# 735

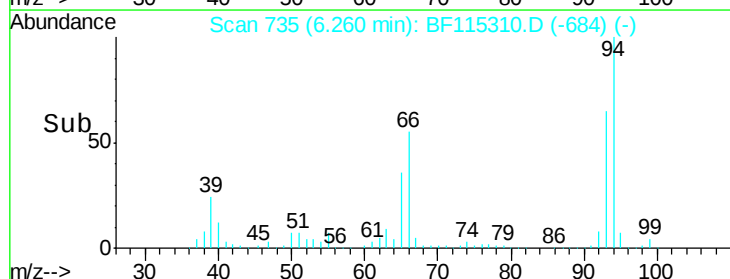
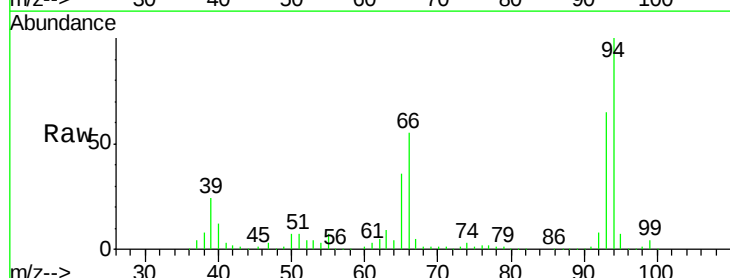
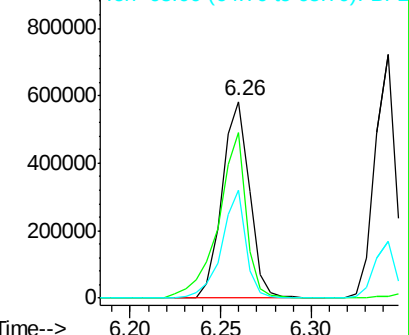
Delta R.T. 0.00 min

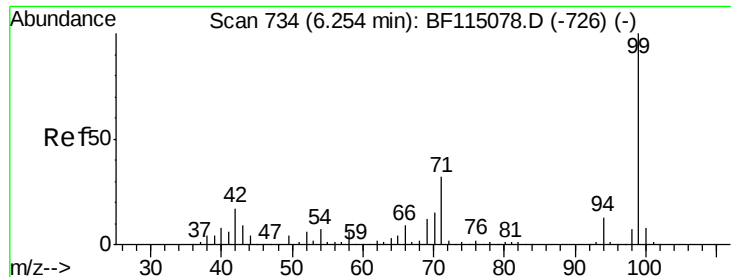
Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 614054 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 84.0  | 30.0  | 45.0#  |
| 65       | 55.0  | 15.6  | 23.4#  |

Abundance Ion 93.00 (92.70 to 93.70): BF115310.D (-684) (-)





#7

Phenol-d6

Concen: 113.554 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion: 99 Resp: 1808377

Ion Ratio Lower Upper

99 100

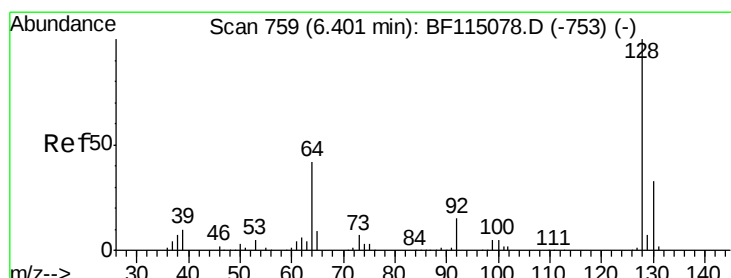
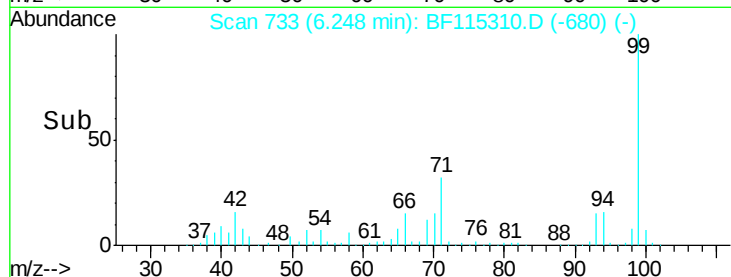
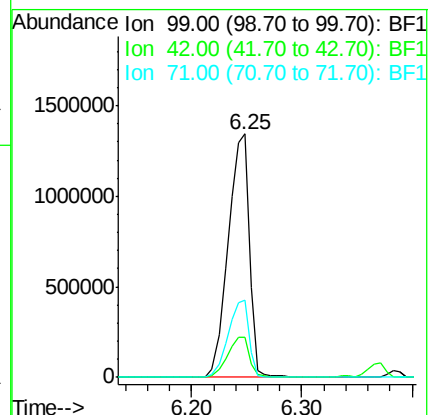
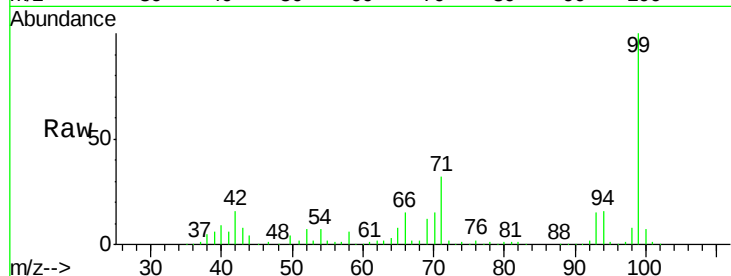
42 16.3 13.6 20.4

71 31.7 25.5 38.3

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.163 ng

RT: 6.38 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

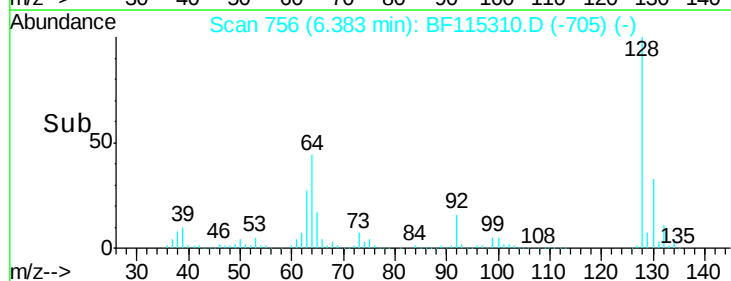
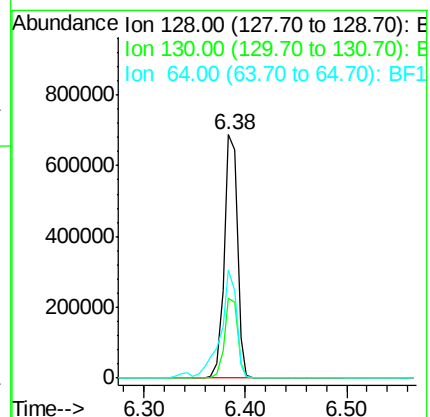
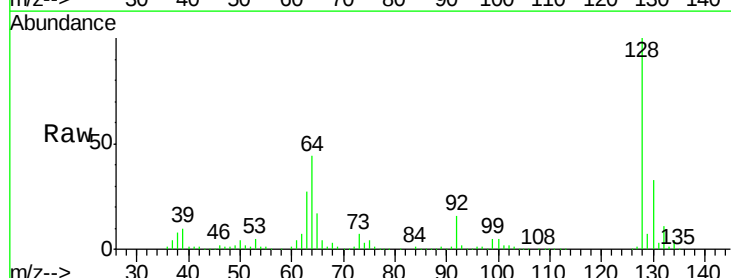
Tgt Ion: 128 Resp: 622045

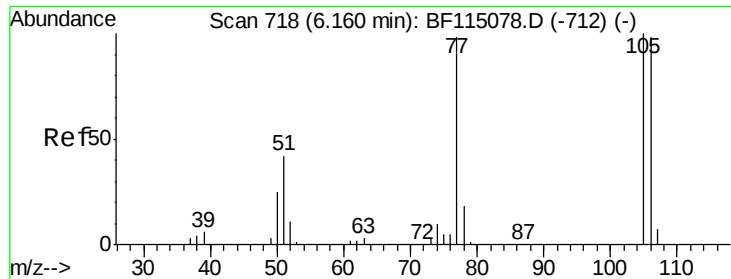
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 44.4 22.9 62.9





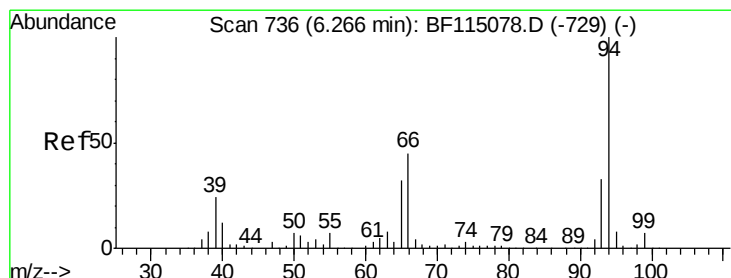
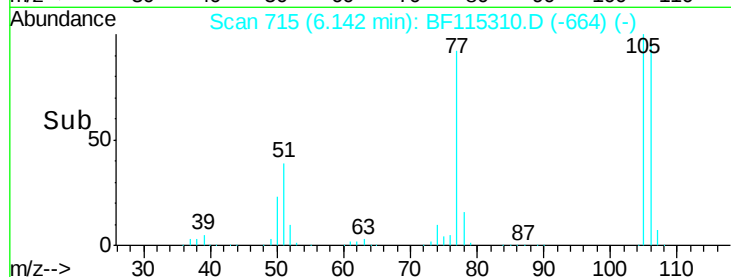
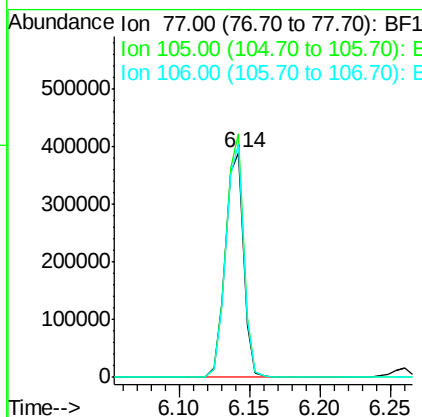
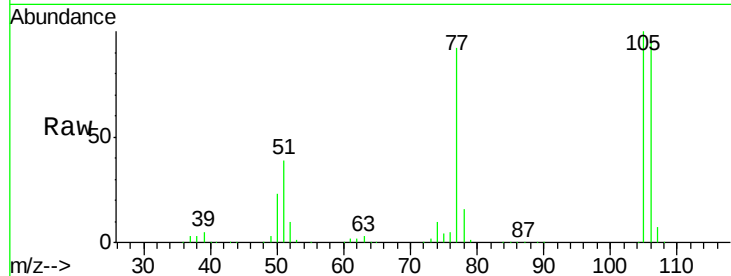
#9  
Benzaldehyde  
Concen: 33.973 ng  
RT: 6.14 min Scan# 715  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 108.2 | 81.5  | 121.5 |
| 106     | 103.7 | 79.7  | 119.7 |

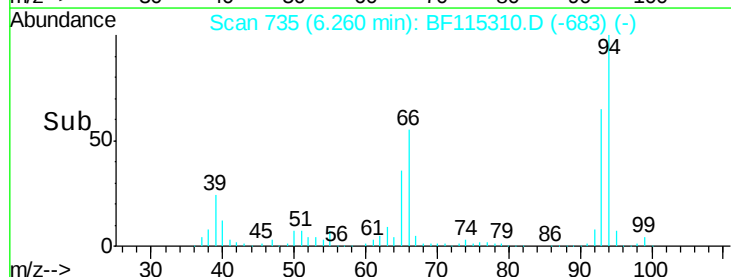
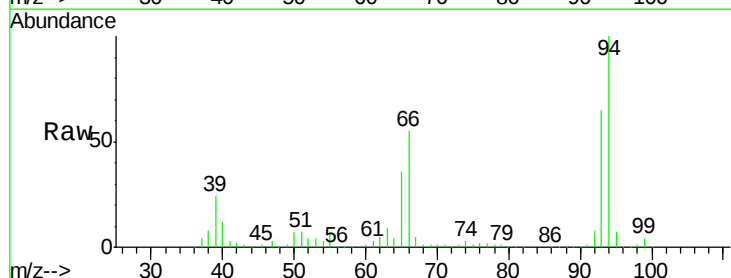
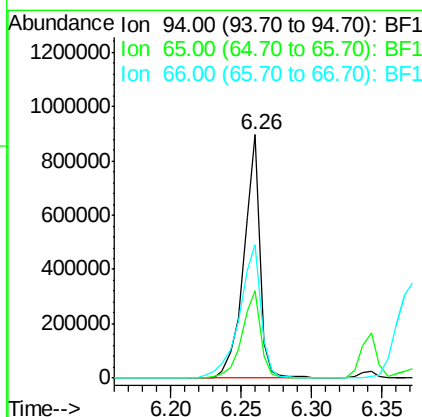
Manual Integrations  
APPROVED

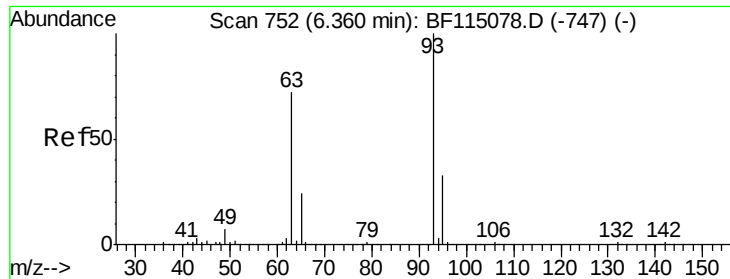
mohammad  
7/1/2019 5:58:48 PM



#10  
Phenol  
Concen: 38.219 ng  
RT: 6.26 min Scan# 735  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 35.8  | 11.9  | 51.9  |
| 66      | 54.6  | 25.2  | 65.2  |





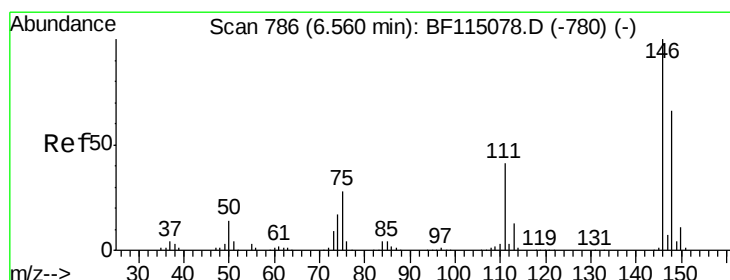
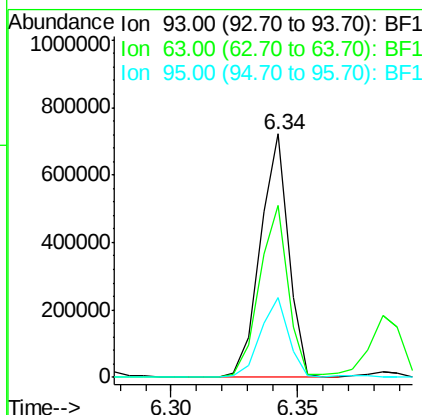
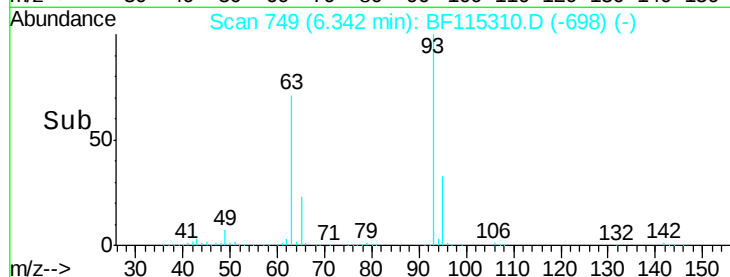
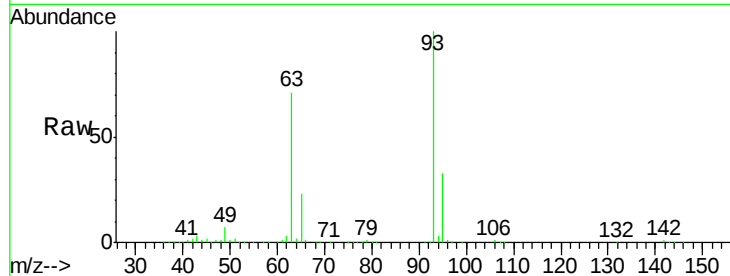
#11  
bis(2-Chloroethyl)ether  
Concen: 40.533 ng  
RT: 6.34 min Scan# 749  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 63      | 70.5  | 51.5       | 91.5       |
| 95      | 32.8  | 13.4       | 53.4       |

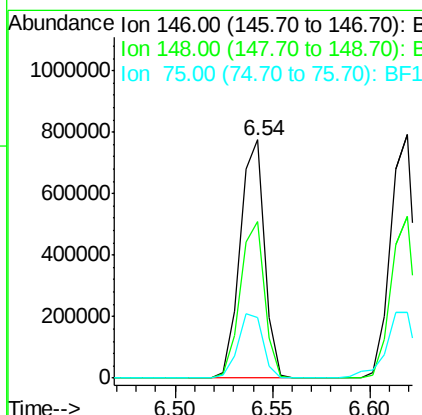
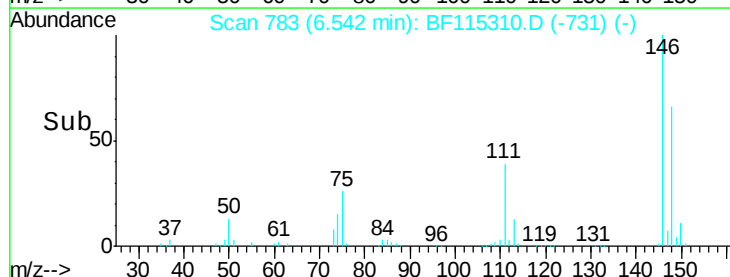
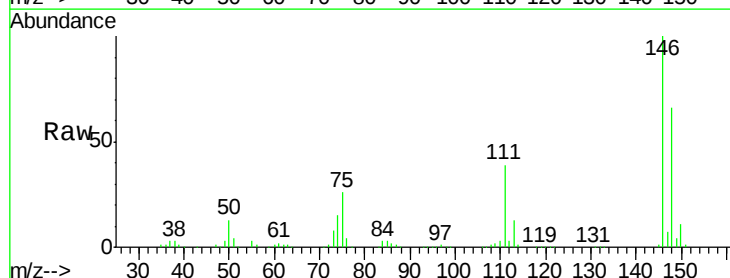
Manual Integrations  
APPROVED

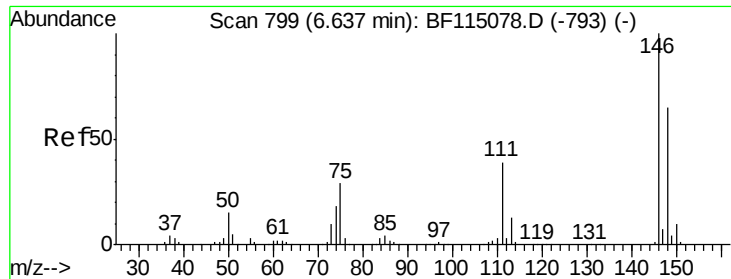
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 41.074 ng  
RT: 6.54 min Scan# 783  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 146     | 100   |            |            |
| 148     | 65.5  | 52.6       | 78.8       |
| 75      | 25.6  | 22.6       | 34.0       |





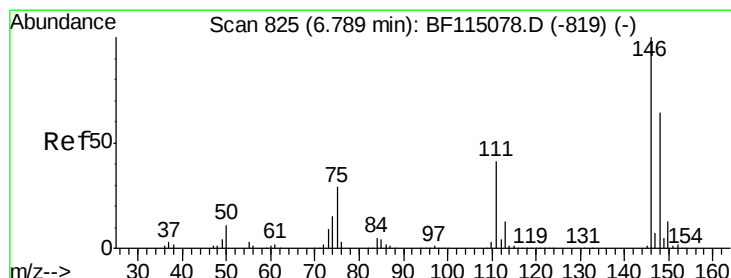
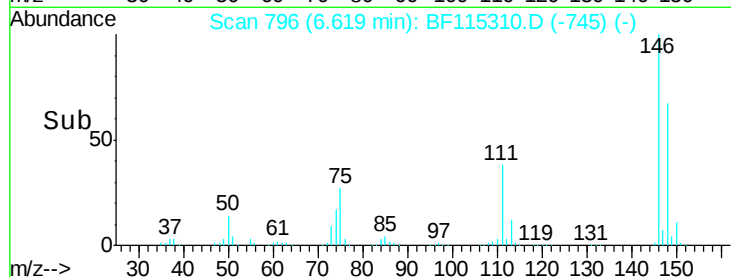
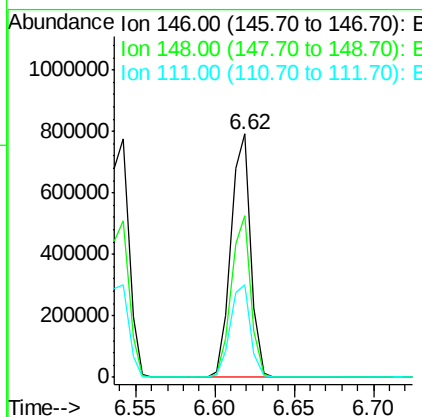
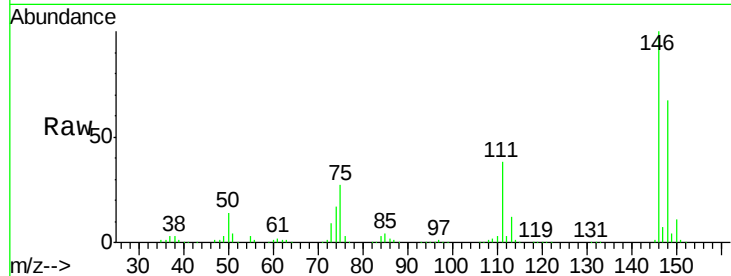
#13  
1,4-Dichlorobenzene  
Concen: 41.636 ng  
RT: 6.62 min Scan# 796  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 683618 |       |       |
| 148     | 66.5  | 51.9   | 77.9  |       |
| 111     | 38.3  | 31.4   | 47.0  |       |

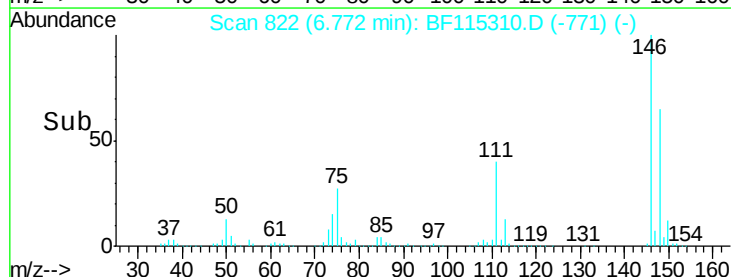
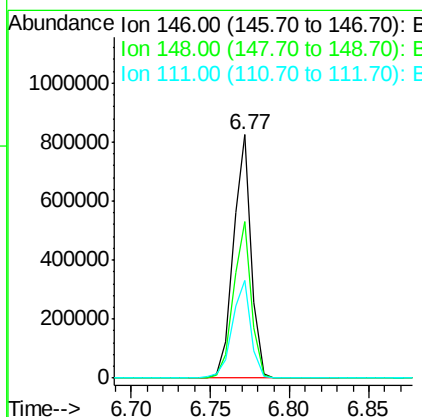
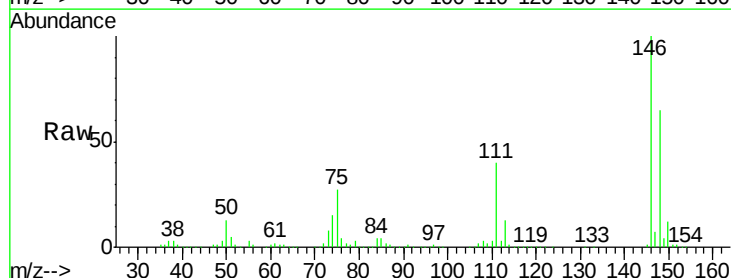
Manual Integrations  
APPROVED

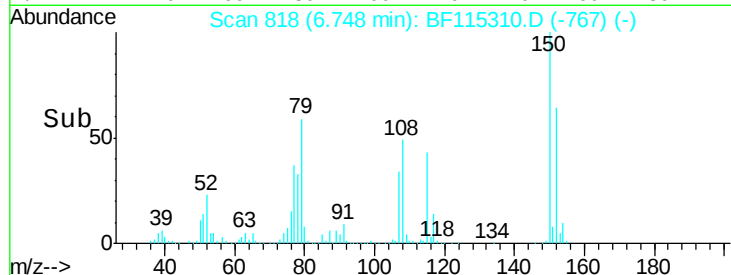
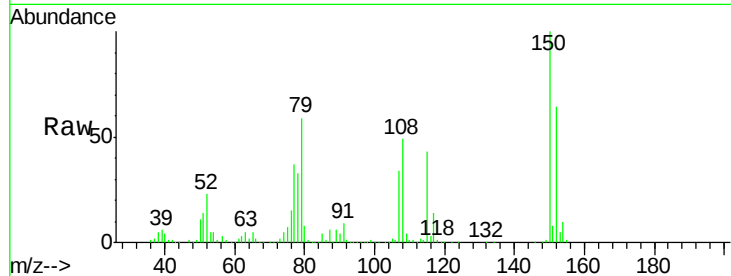
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#14  
1,2-Dichlorobenzene  
Concen: 41.798 ng  
RT: 6.77 min Scan# 822  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 635537 |       |       |
| 148     | 64.5  | 51.1   | 76.7  |       |
| 111     | 40.3  | 33.2   | 49.8  |       |





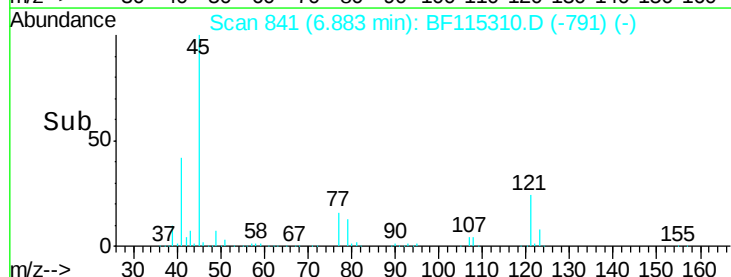
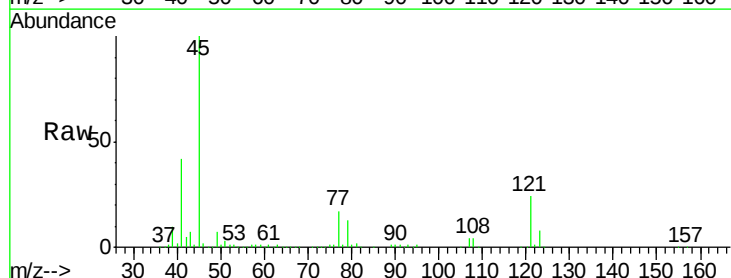
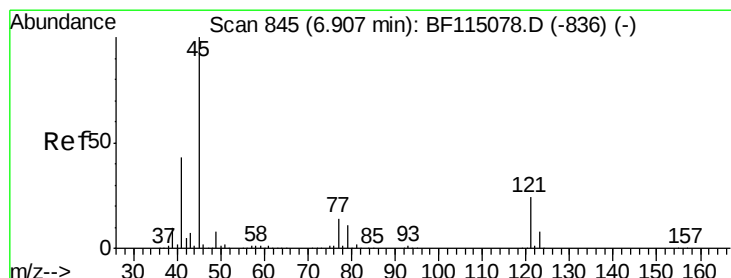
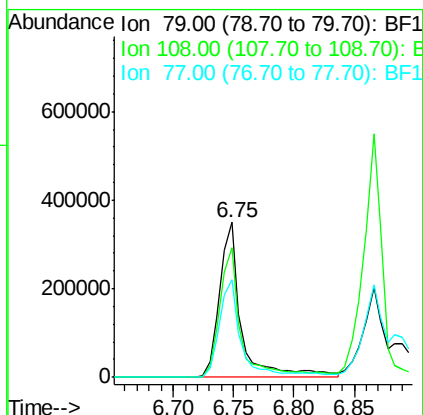
#15  
Benzyl Alcohol  
Concen: 37.485 ng  
RT: 6.75 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion: 79 Resp: 434687  
Ion Ratio Lower Upper  
79 100  
108 84.0 68.7 103.1  
77 62.9 51.7 77.5

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

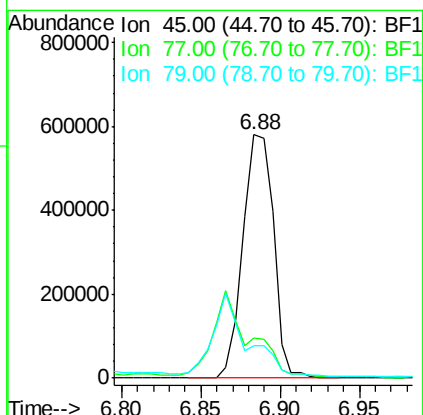
Manual Integrations  
APPROVED

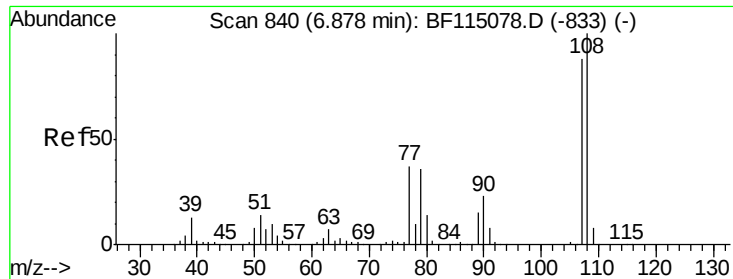
mohammad  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.200 ng  
RT: 6.88 min Scan# 841  
Delta R.T. -0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion: 45 Resp: 781798  
Ion Ratio Lower Upper  
45 100  
77 16.5 0.0 34.6  
79 13.2 0.0 31.2





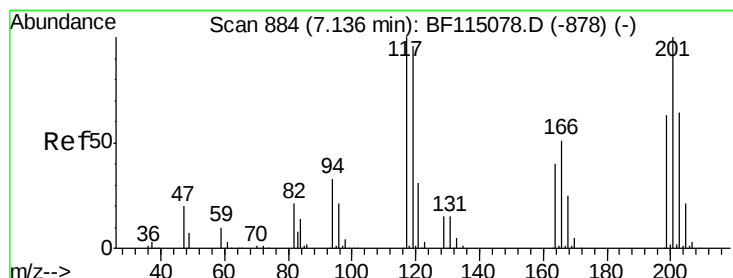
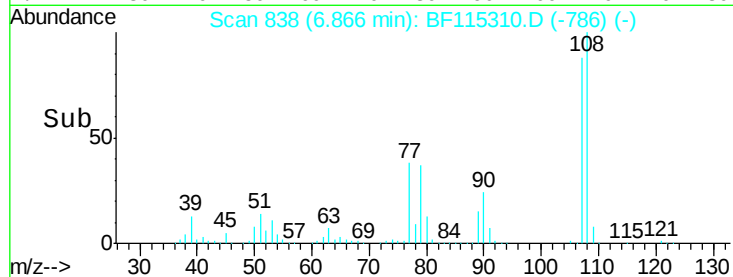
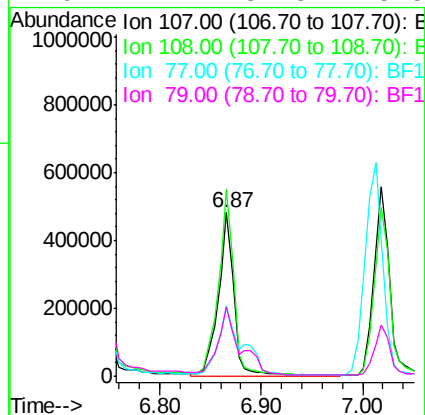
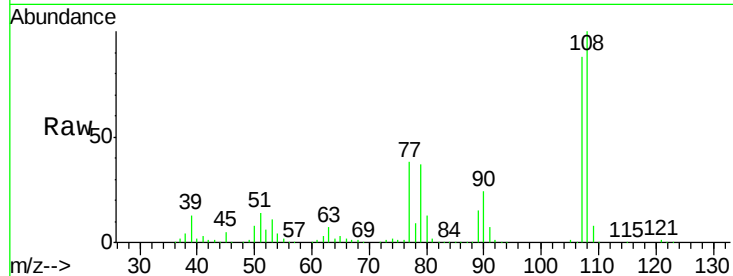
#17  
2-Methylphenol  
Concen: 42.834 ng  
RT: 6.87 min Scan# 838  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 521626 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.2 | 90.9  | 136.3  |
| 77        | 43.3  | 33.4  | 50.2   |
| 79        | 42.1  | 32.3  | 48.5   |

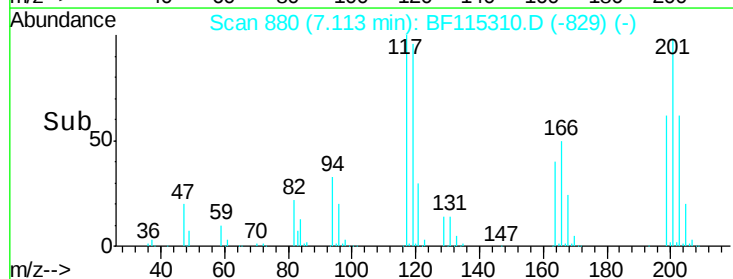
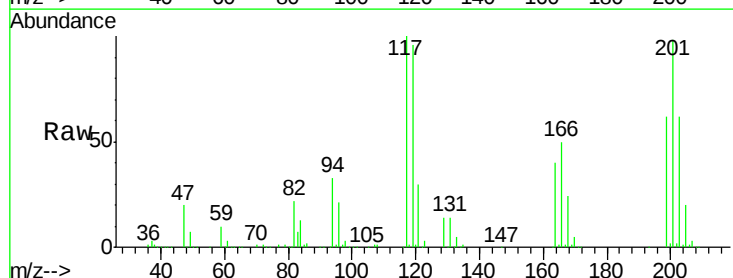
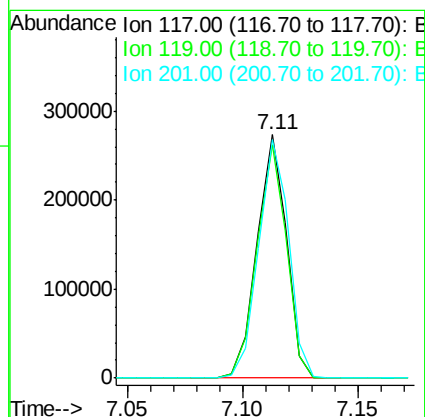
Manual Integrations  
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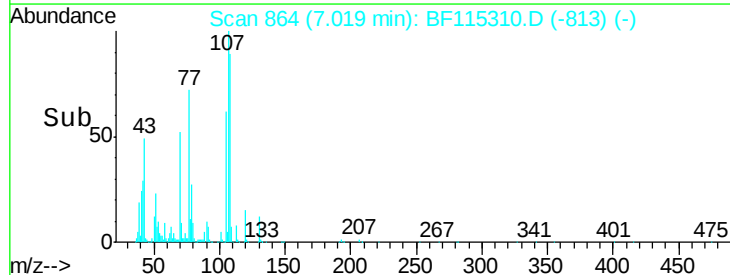
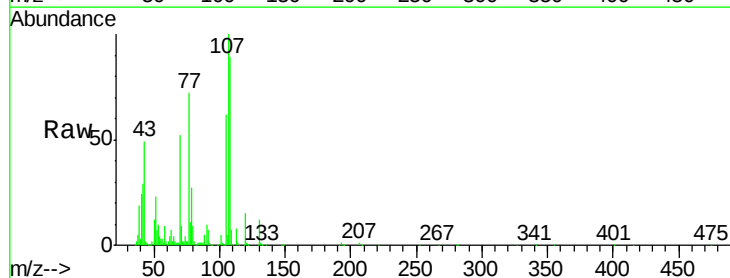
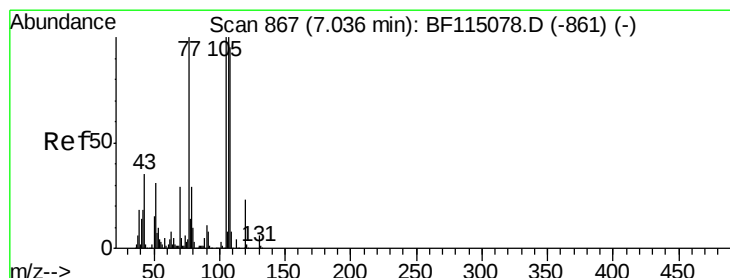
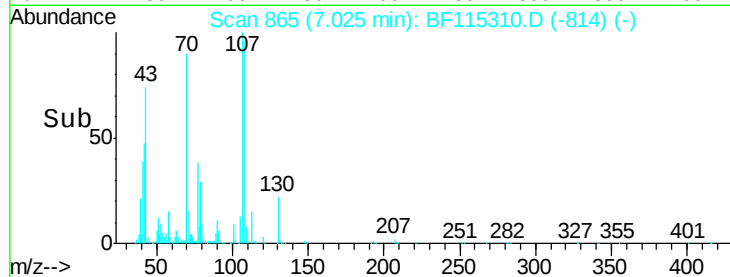
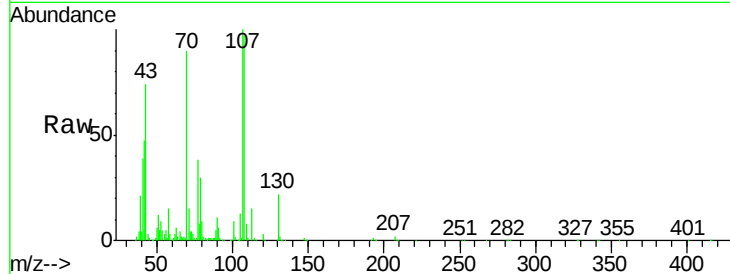
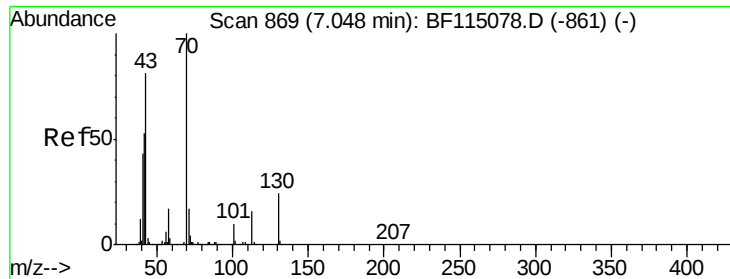
mohammad  
7/1/2019 5:58:48 PM



#18  
Hexachloroethane  
Concen: 41.167 ng  
RT: 7.11 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

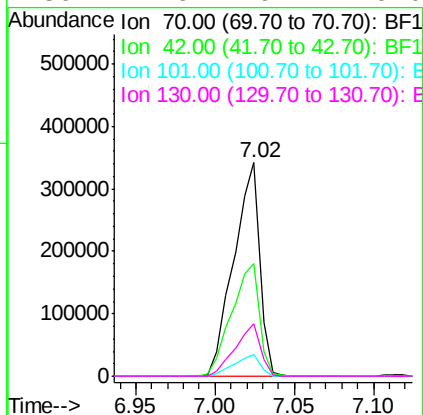
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 243684 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.8  | 76.6  | 114.8  |
| 201       | 98.2  | 80.2  | 120.2  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.025 ng  
RT: 7.02 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 52.7  | 42.6  | 63.8  |
| 101     | 10.3  | 8.0   | 12.0  |
| 130     | 24.6  | 19.4  | 29.0  |



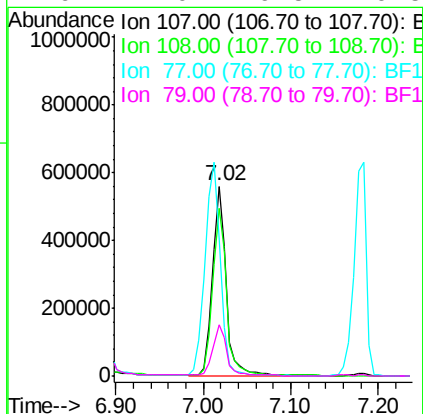
Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 43.118 ng  
RT: 7.02 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 88.7  | 75.5  | 115.5  |
| 77      | 72.2  | 80.2  | 120.2# |
| 79      | 27.0  | 9.5   | 49.5   |





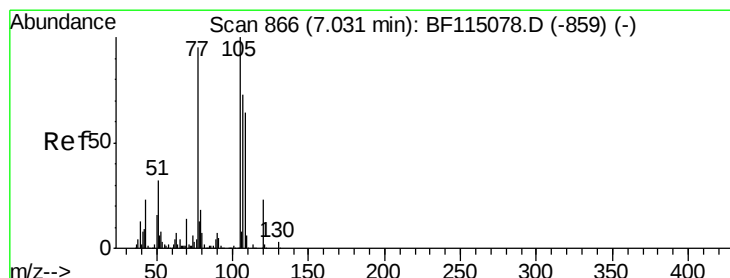
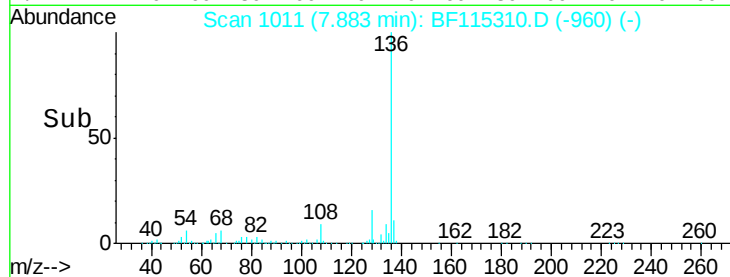
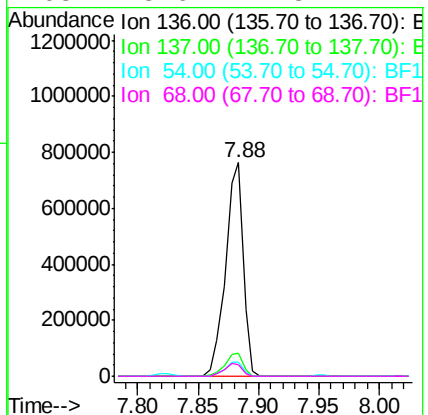
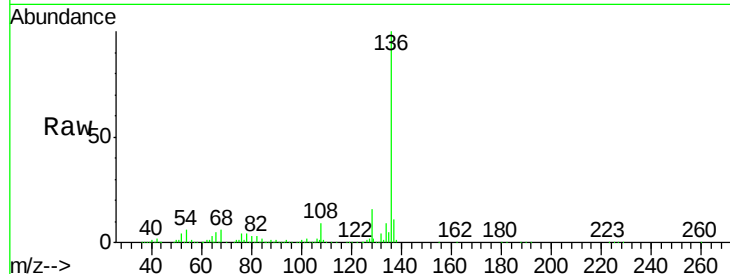
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.88 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 11.0  | 8.9        | 13.3  |
| 54      | 6.5   | 5.6        | 8.4   |
| 68      | 5.6   | 4.8        | 7.2   |

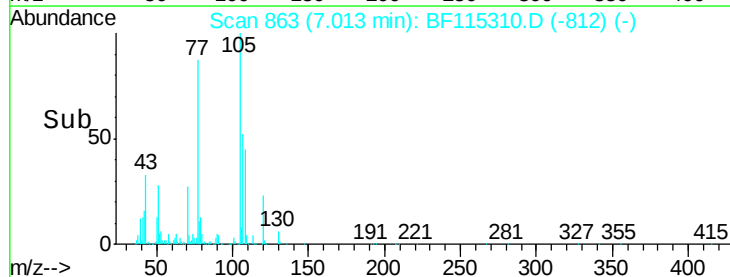
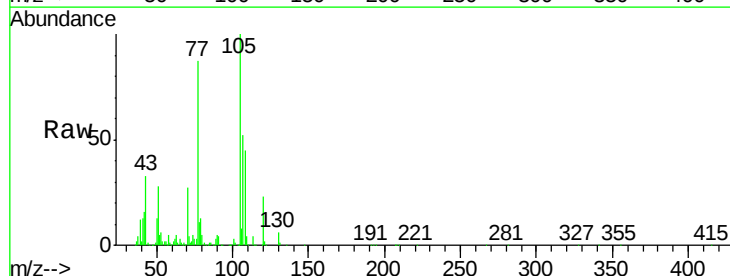
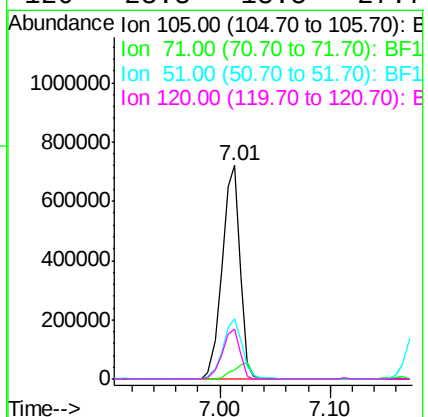
Manual Integrations  
APPROVED

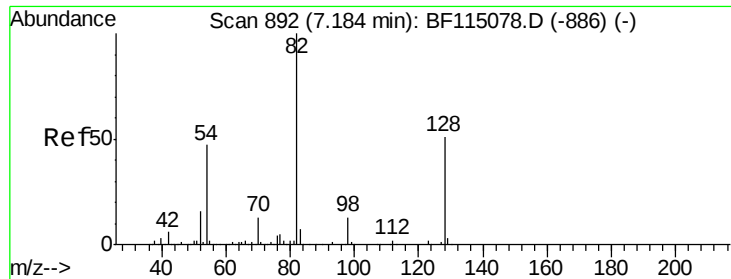
mohammad  
7/1/2019 5:58:48 PM



#22  
Acetophenone  
Concen: 45.858 ng  
RT: 7.01 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 4.5   | 1.9        | 2.9#  |
| 51      | 28.3  | 25.8       | 38.8  |
| 120     | 23.3  | 18.5       | 27.7  |





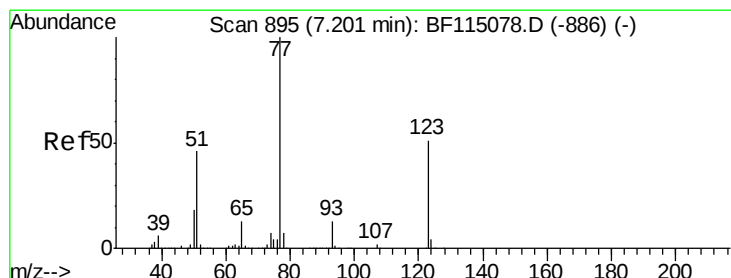
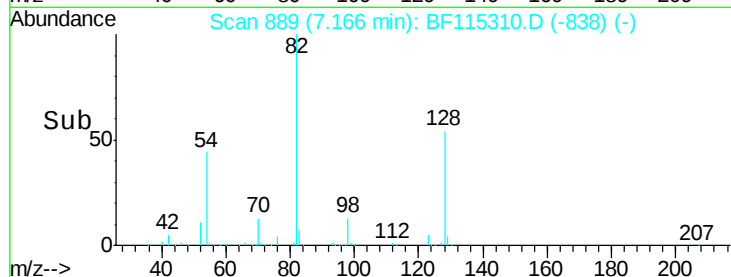
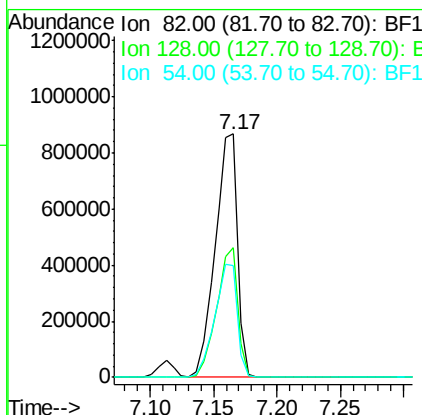
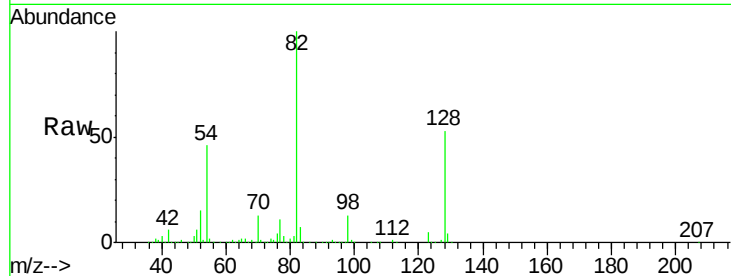
#23  
 Nitrobenzene-d5  
 Concen: 84.762 ng  
 RT: 7.17 min Scan# 889  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

Tgt Ion: 82 Resp: 1069093  
 Ion Ratio Lower Upper  
 82 100  
 128 53.5 40.4 60.6  
 54 45.7 37.5 56.3

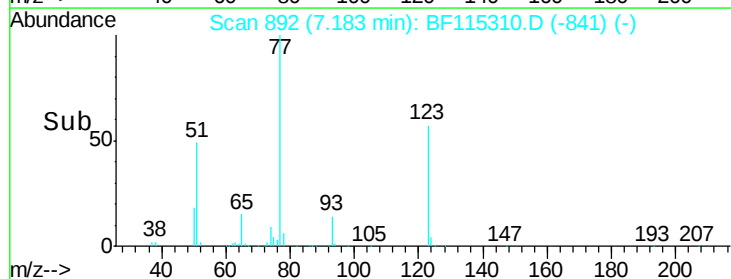
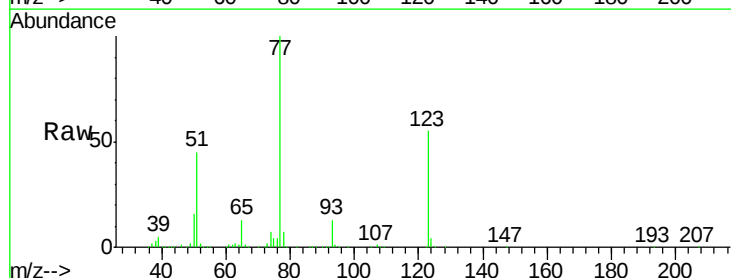
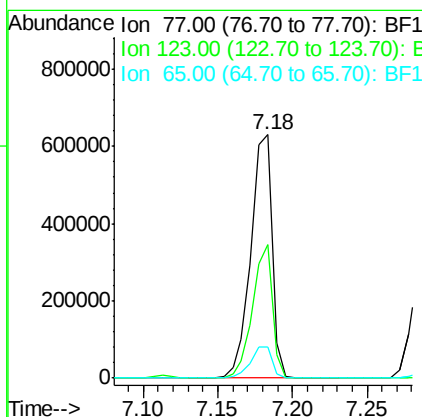
Manual Integrations  
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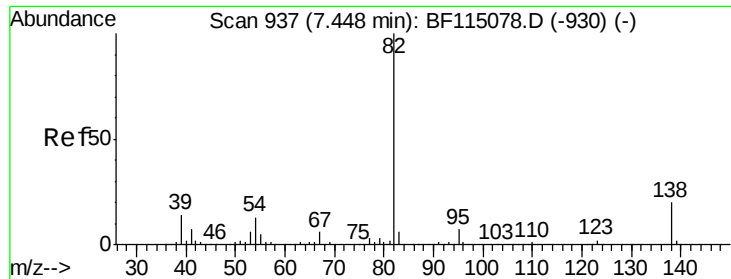
mohammad  
 7/1/2019 5:58:48 PM



#24  
 Nitrobenzene  
 Concen: 44.618 ng  
 RT: 7.18 min Scan# 892  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Tgt Ion: 77 Resp: 619991  
 Ion Ratio Lower Upper  
 77 100  
 123 54.9 41.0 61.6  
 65 13.0 10.5 15.7





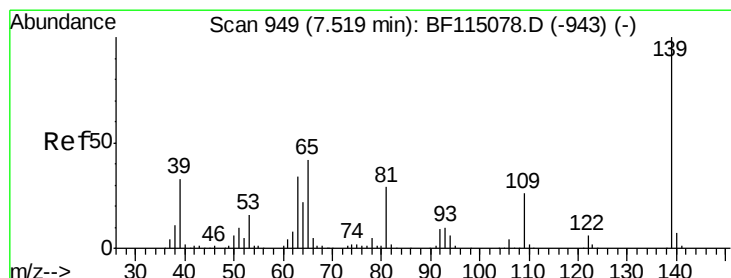
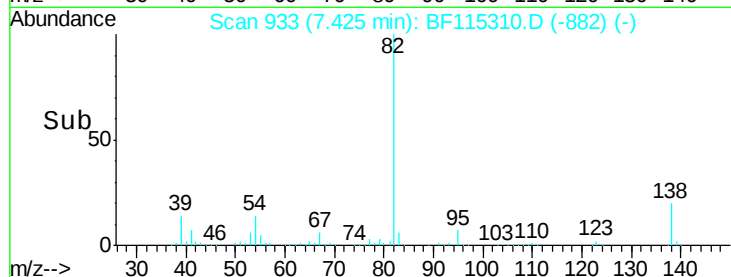
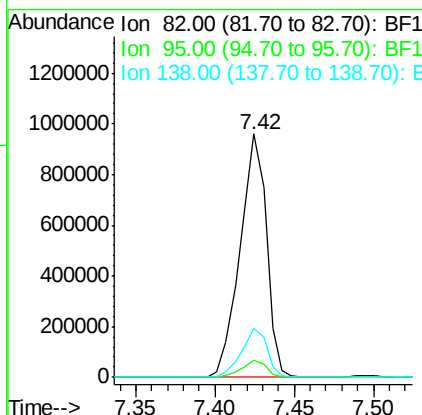
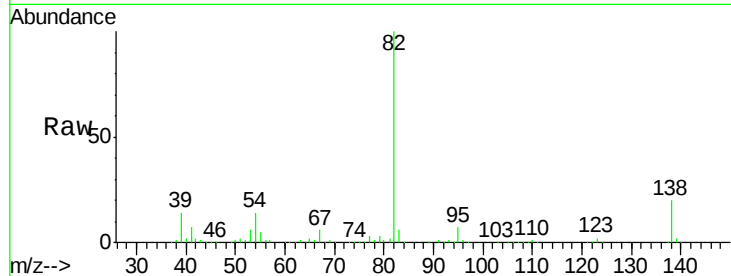
#25  
Isophorone  
Concen: 42.899 ng  
RT: 7.42 min Scan# 933  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

Tgt Ion: 82 Resp: 1108427  
Ion Ratio Lower Upper  
82 100  
95 6.8 5.4 8.2  
138 19.9 15.9 23.9

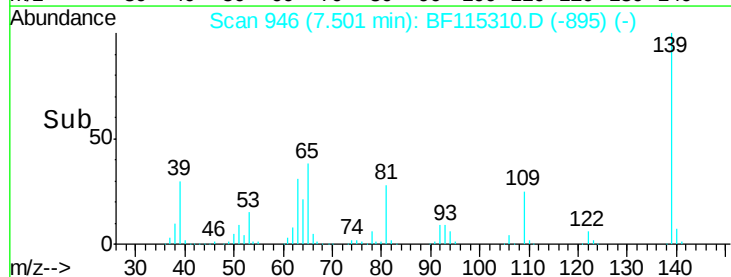
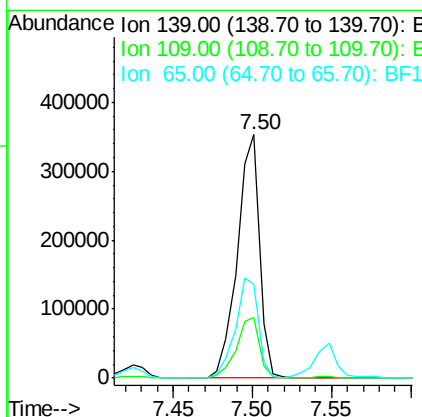
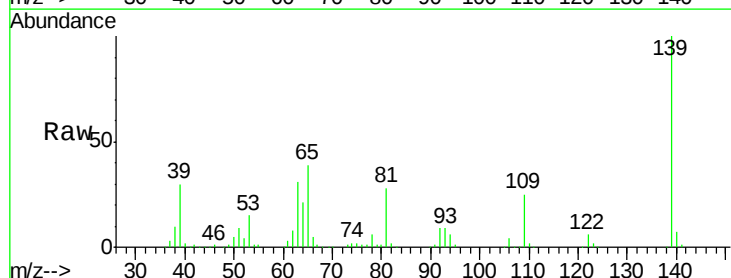
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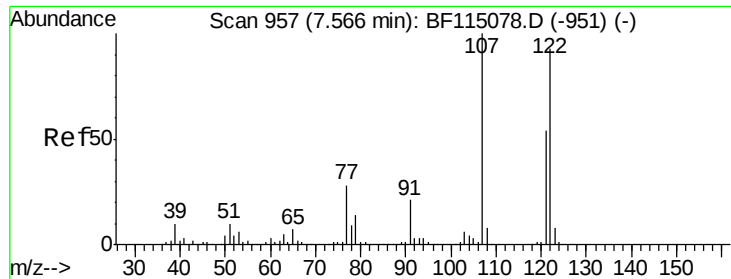
mohammad  
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#26  
2-Nitrophenol  
Concen: 49.935 ng  
RT: 7.50 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion: 139 Resp: 342659  
Ion Ratio Lower Upper  
139 100  
109 25.0 20.4 30.6  
65 38.6 33.6 50.4





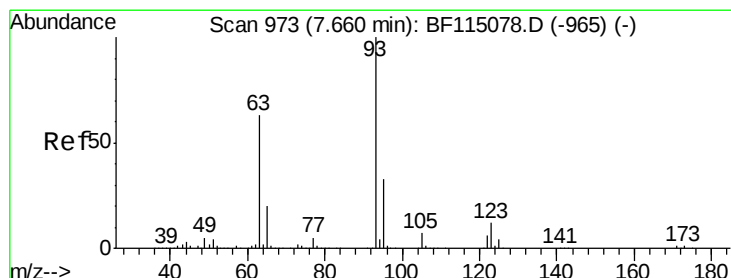
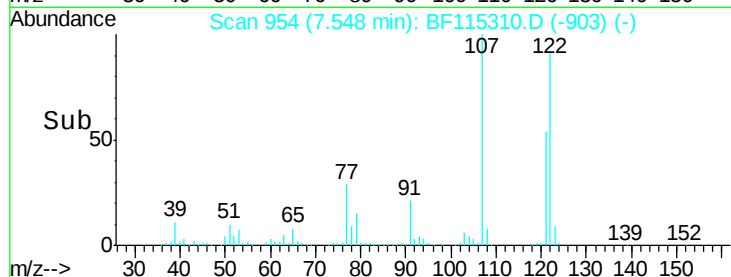
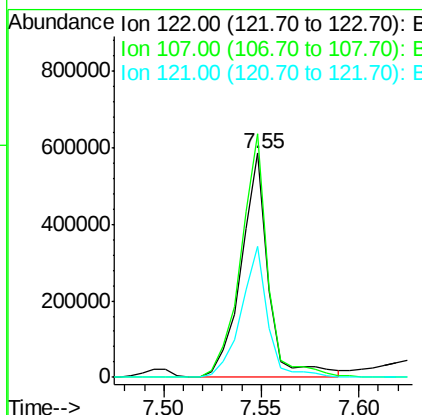
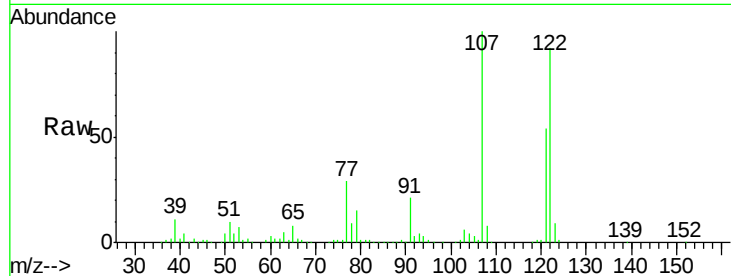
#27  
 2,4-Dimethylphenol  
 Concen: 50.644 ng  
 RT: 7.55 min Scan# 954  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 569006 |       |       |
| 107     | 108.7 | 85.8   | 128.6 |       |
| 121     | 58.2  | 46.3   | 69.5  |       |

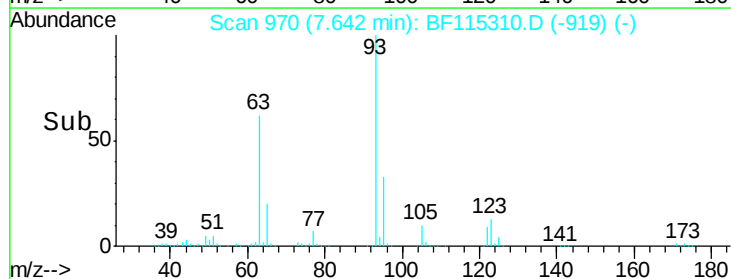
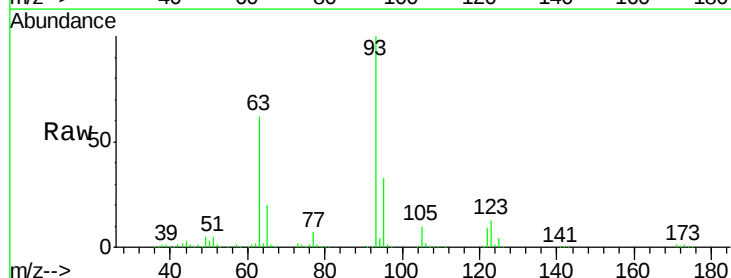
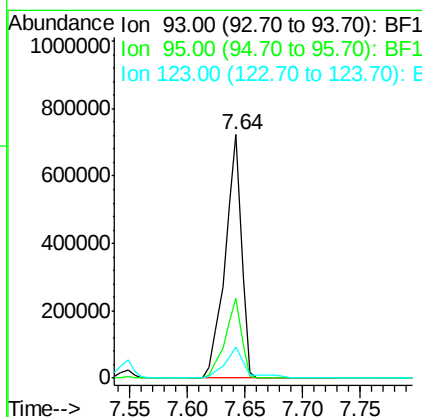
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.361 ng  
 RT: 7.64 min Scan# 970  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 708114 |       |       |
| 95      | 33.0  | 26.2   | 39.4  |       |
| 123     | 12.9  | 9.7    | 14.5  |       |





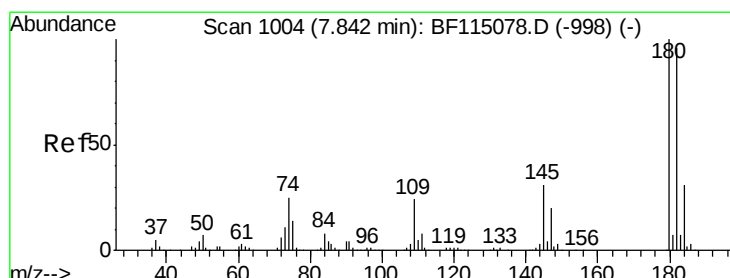
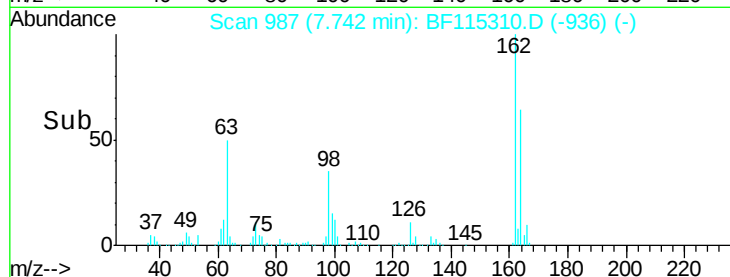
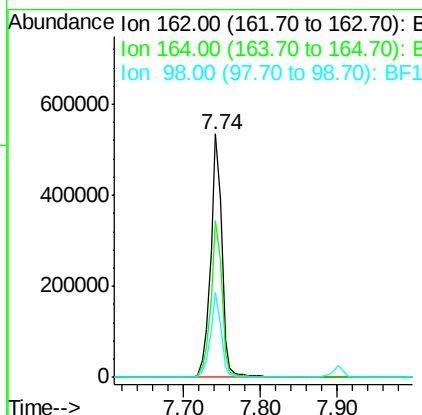
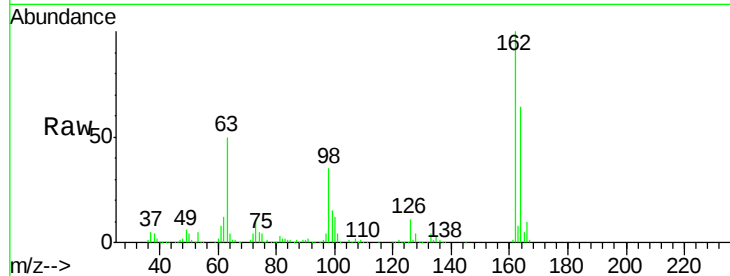
#29  
2,4-Dichlorophenol  
Concen: 45.778 ng  
RT: 7.74 min Scan# 987  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 530782 |       |       |
| 164     | 64.2  | 45.3   | 85.3  |       |
| 98      | 34.8  | 12.5   | 52.5  |       |

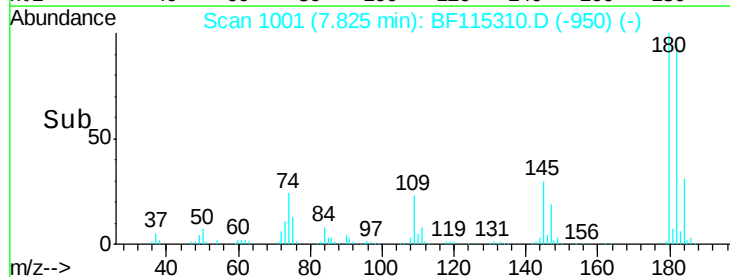
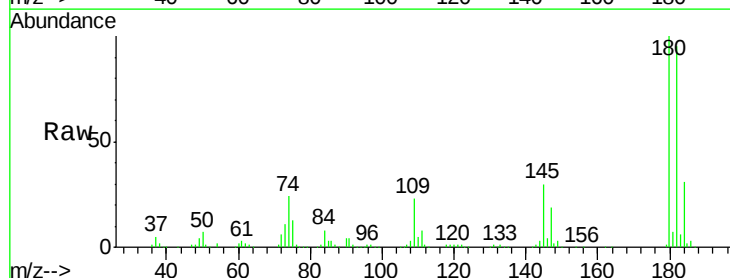
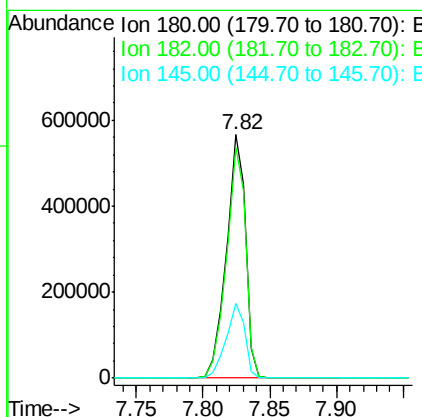
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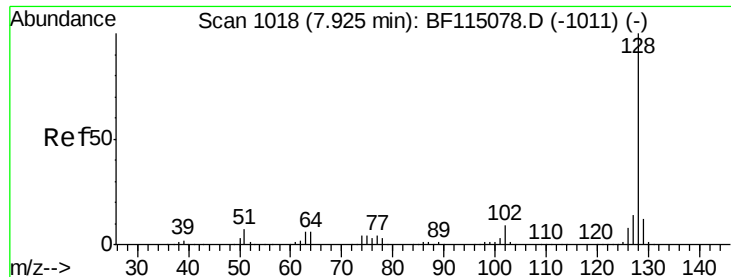
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 44.966 ng  
RT: 7.82 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 575891 |       |       |
| 182     | 94.9  | 76.4   | 114.6 |       |
| 145     | 30.5  | 24.8   | 37.2  |       |





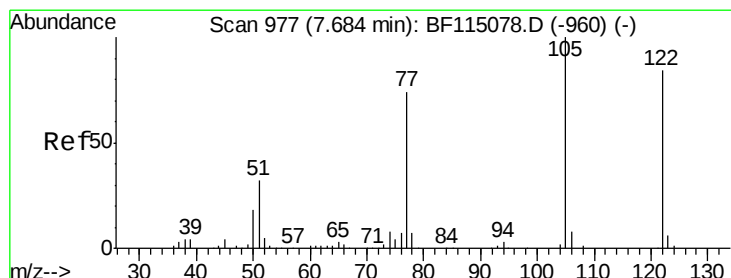
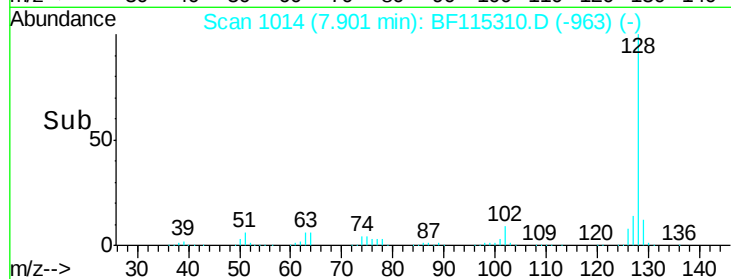
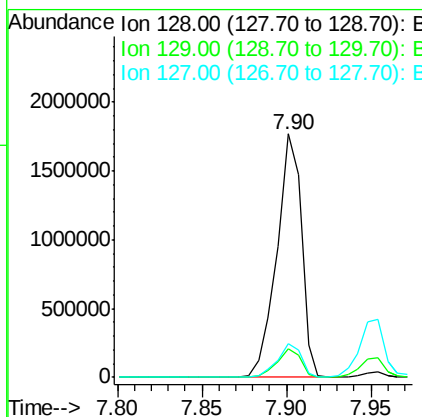
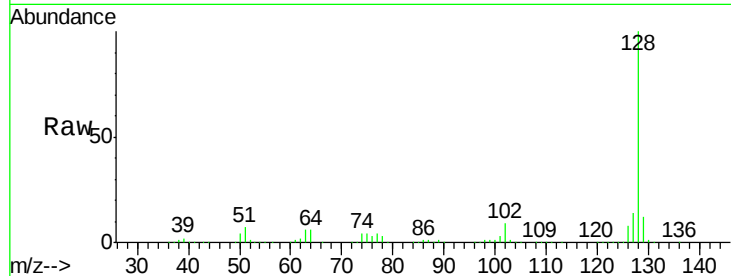
#31  
Naphthalene  
Concen: 46.388 ng  
RT: 7.90 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

Tgt Ion:128 Resp: 1766754  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.6 14.4  
127 13.8 11.4 17.0

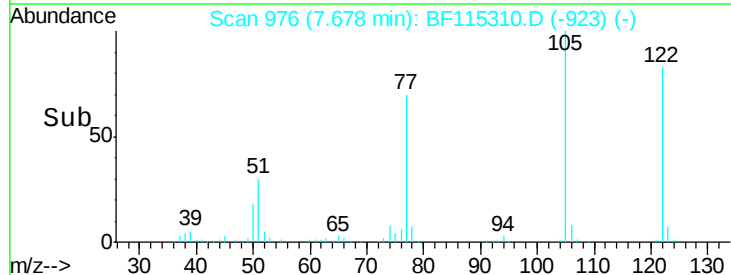
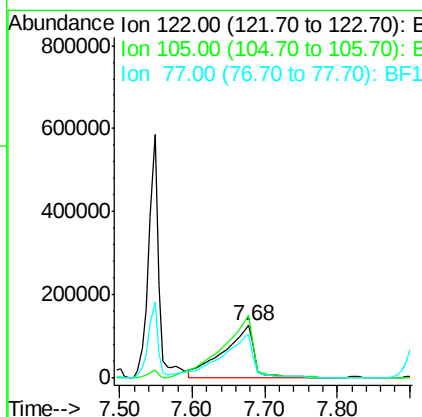
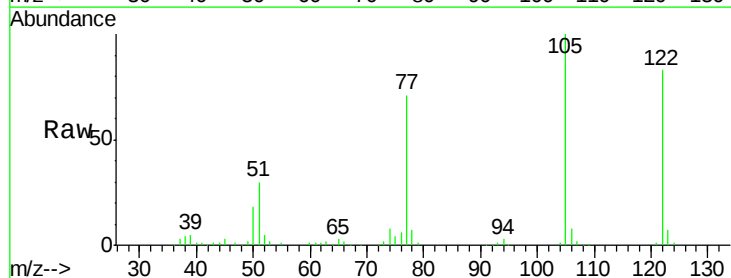
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#32  
Benzoic acid  
Concen: 46.819 ng  
RT: 7.68 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion:122 Resp: 375486  
Ion Ratio Lower Upper  
122 100  
105 119.8 98.2 138.2  
77 84.6 67.0 107.0





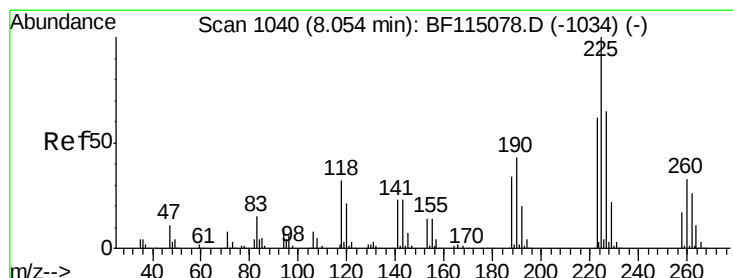
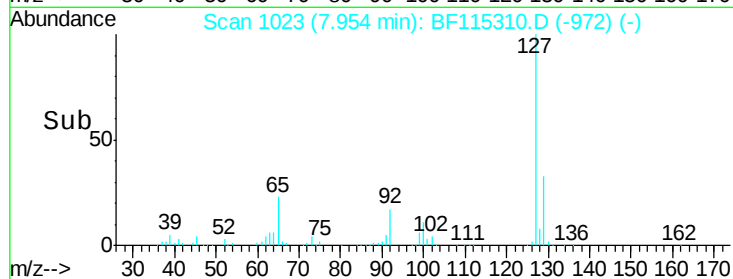
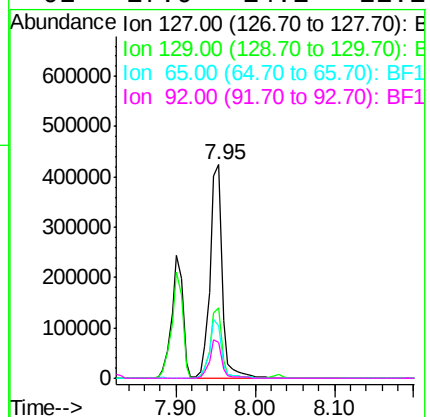
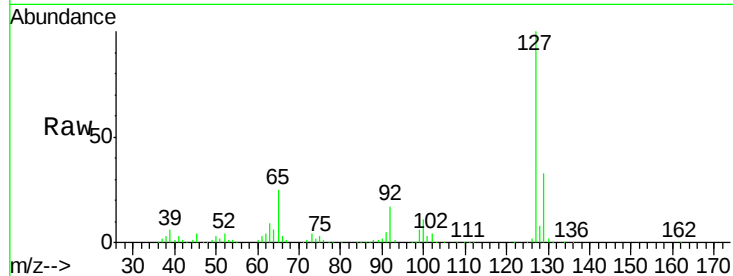
#33  
4-Chloroaniline  
Concen: 26.085 ng  
RT: 7.95 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.7  | 26.1 | 39.1  |       |
| 65      | 24.6  | 21.4 | 32.2  |       |
| 92      | 17.0  | 14.1 | 21.1  |       |

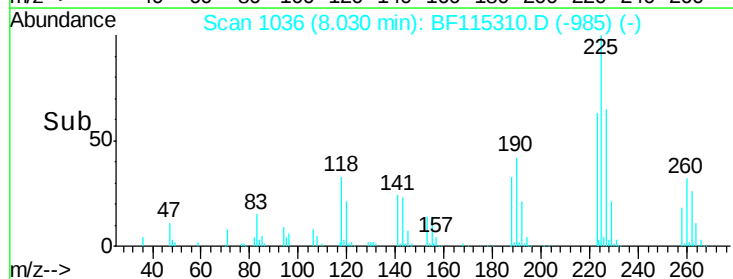
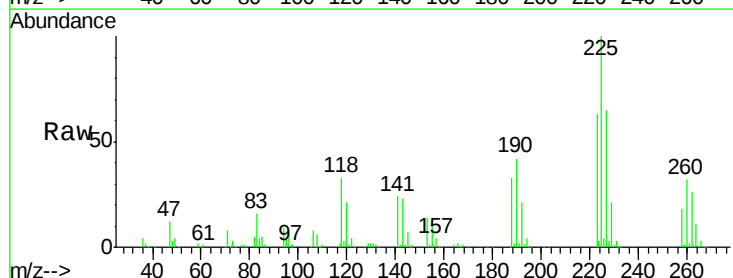
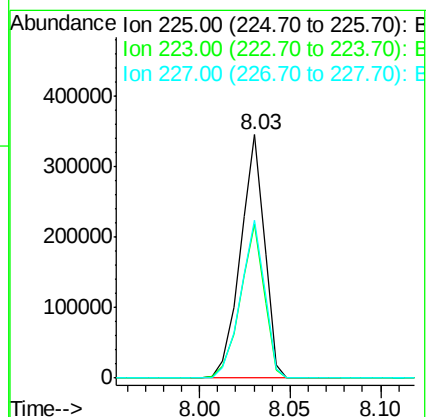
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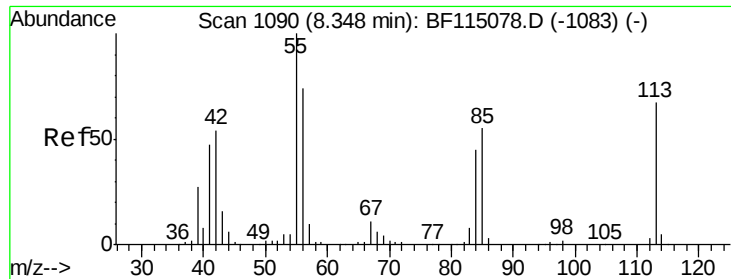
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#34  
Hexachlorobutadiene  
Concen: 45.097 ng  
RT: 8.03 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.4  | 49.4 | 74.2  |       |
| 227     | 64.9  | 51.8 | 77.8  |       |





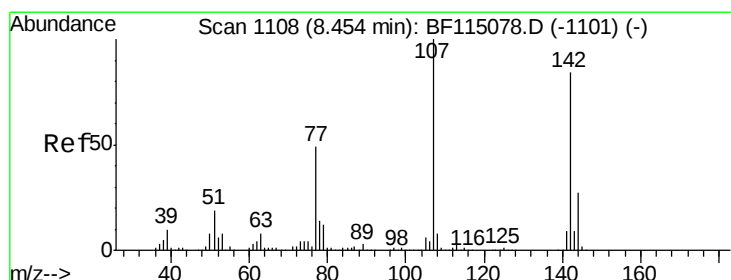
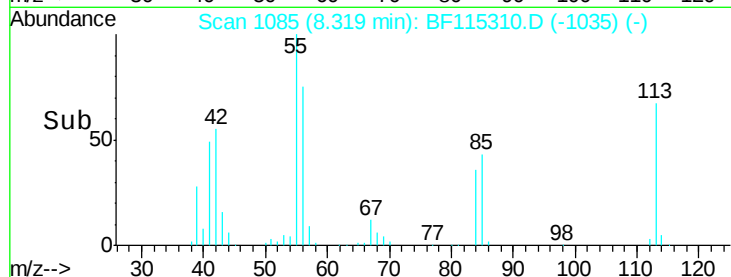
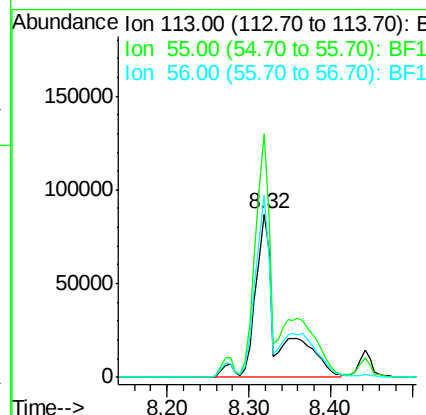
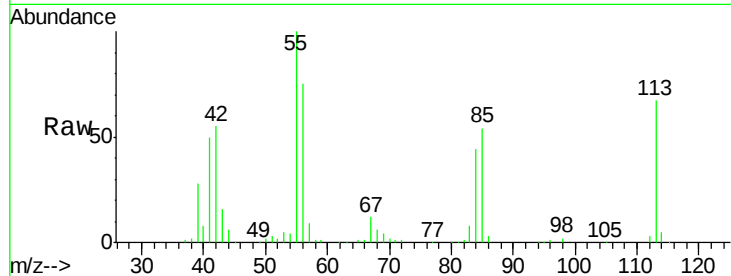
#35  
 Caprolactam  
 Concen: 44.352 ng m  
 RT: 8.32 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

Tgt Ion:113 Resp: 172896  
 Ion Ratio Lower Upper  
 113 100  
 55 149.0 130.2 170.2  
 56 111.6 91.6 131.6

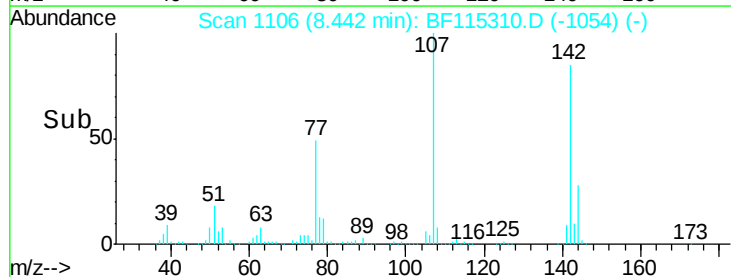
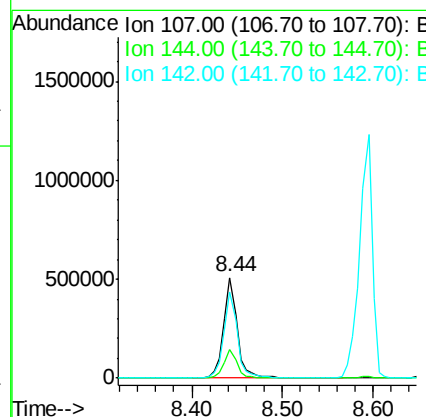
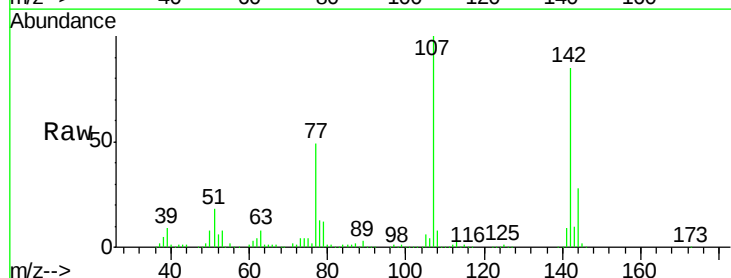
Manual Integrations  
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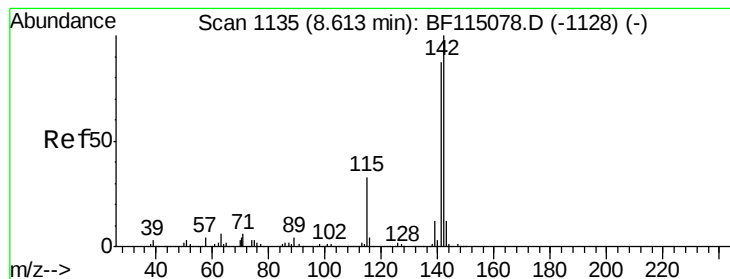
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#36  
 4-Chloro-3-methylphenol  
 Concen: 44.731 ng  
 RT: 8.44 min Scan# 1106  
 Delta R.T. 0.01 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Tgt Ion:107 Resp: 525247  
 Ion Ratio Lower Upper  
 107 100  
 144 27.8 21.7 32.5  
 142 85.4 67.0 100.4





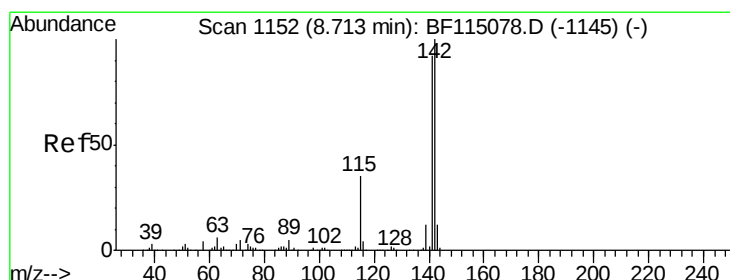
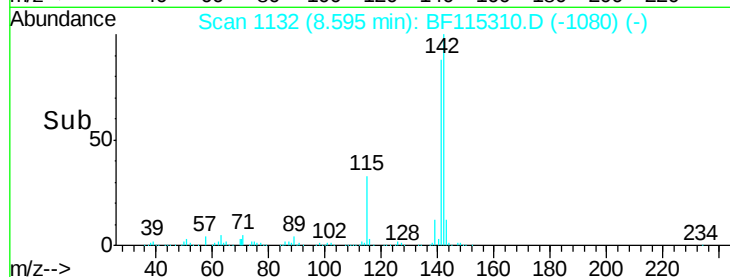
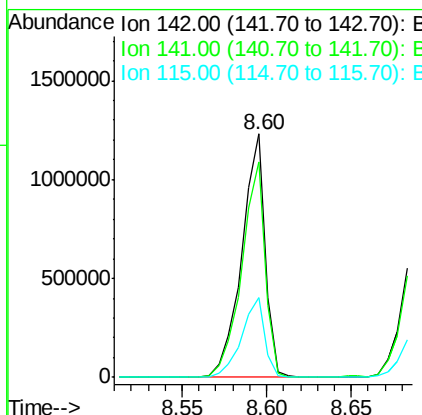
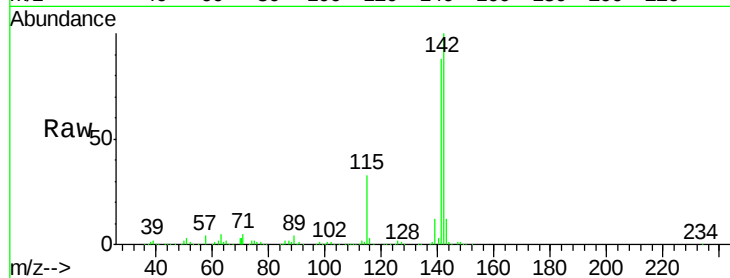
#37  
2-Methylnaphthalene  
Concen: 46.185 ng  
RT: 8.60 min Scan# 1132  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 69.8  | 104.6 |
| 115     | 32.6  | 26.7  | 40.1  |

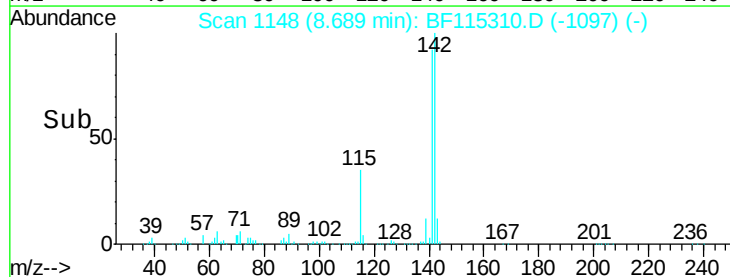
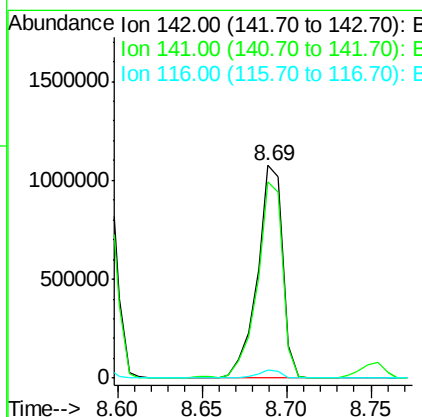
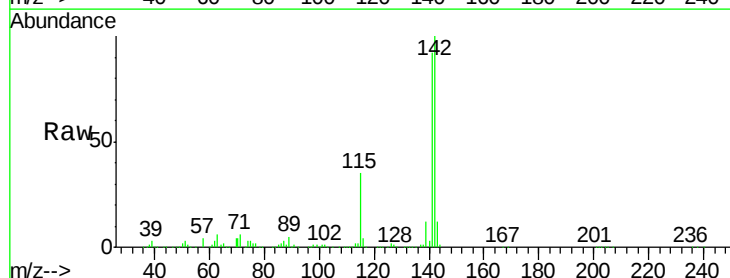
Manual Integrations  
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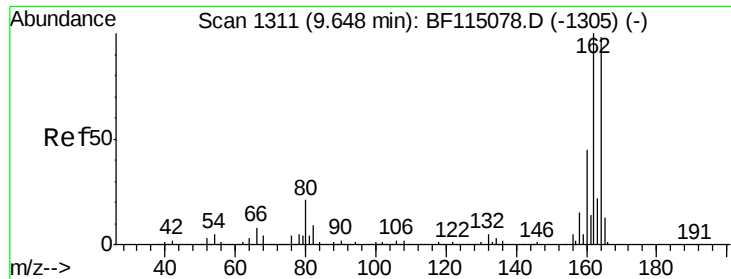
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#38  
1-Methylnaphthalene  
Concen: 45.270 ng  
RT: 8.69 min Scan# 1148  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 73.8  | 110.8 |
| 116     | 3.7   | 2.8   | 4.2   |





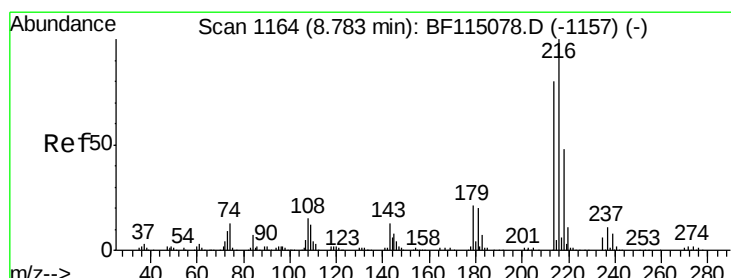
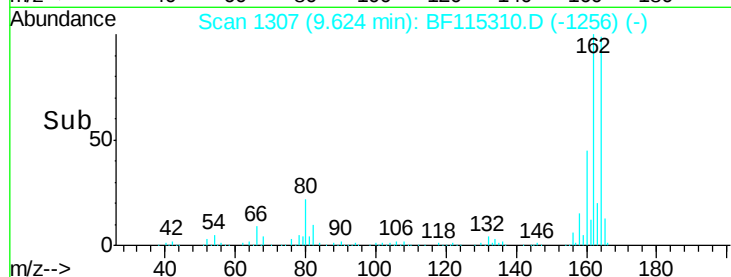
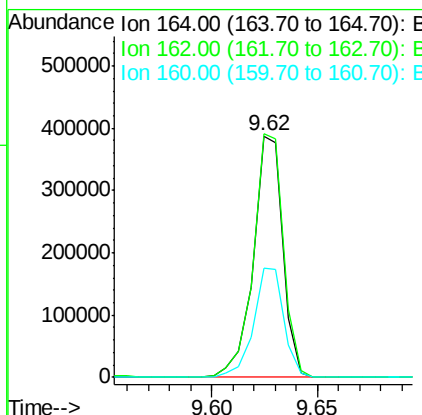
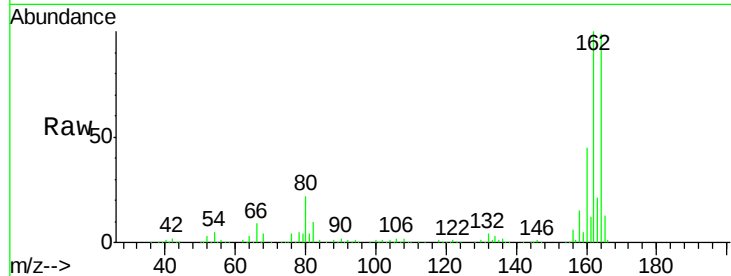
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.62 min Scan# 1307  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 378051 |       |       |
| 162     | 100.8 | 81.7   | 122.5 |       |
| 160     | 45.1  | 37.0   | 55.4  |       |

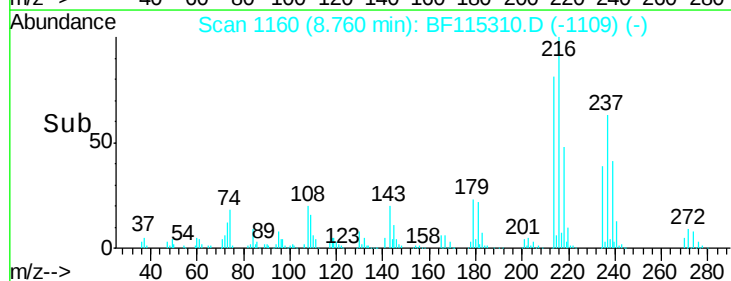
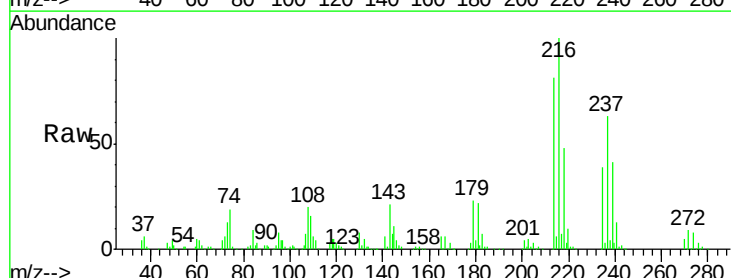
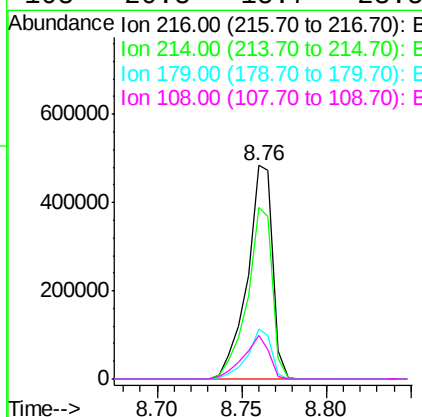
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.700 ng  
RT: 8.76 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 509580 |       |       |
| 214     | 79.0  | 63.8   | 95.6  |       |
| 179     | 22.0  | 17.6   | 26.4  |       |
| 108     | 20.8  | 15.7   | 23.5  |       |





#41

Hexachlorocyclopentadiene

Concen: 97.689 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion: 237 Resp: 618825  
Ion Ratio Lower Upper

237 100

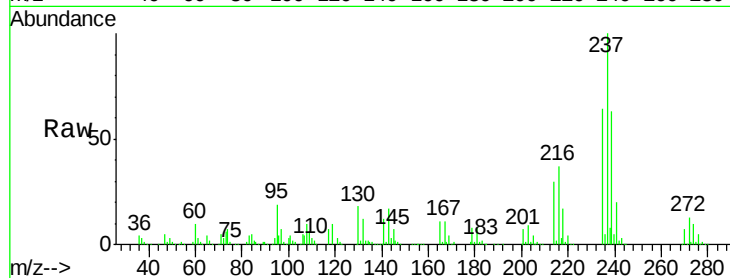
235 63.7 43.9 83.9

272 13.4 0.0 33.8

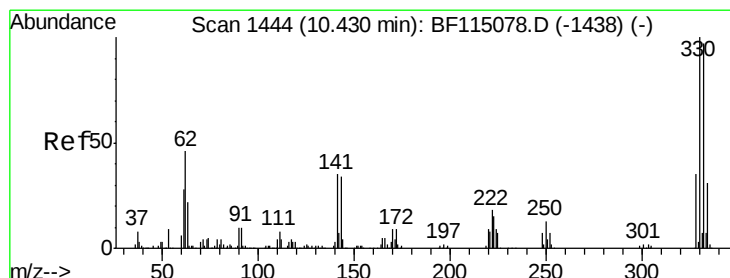
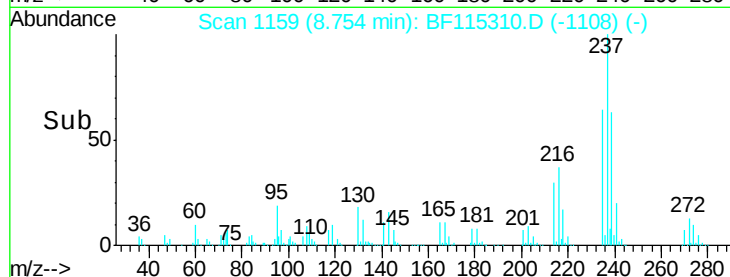
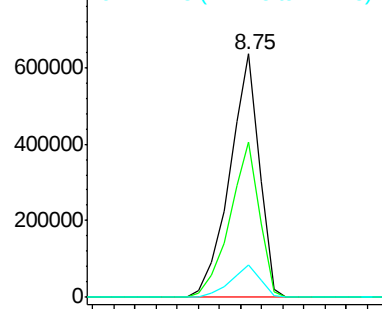
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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 133.549 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115310.D

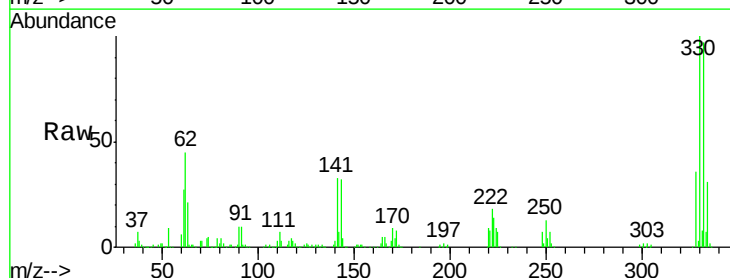
Acq: 29 Jun 2019 9:14

Tgt Ion: 330 Resp: 532418  
Ion Ratio Lower Upper

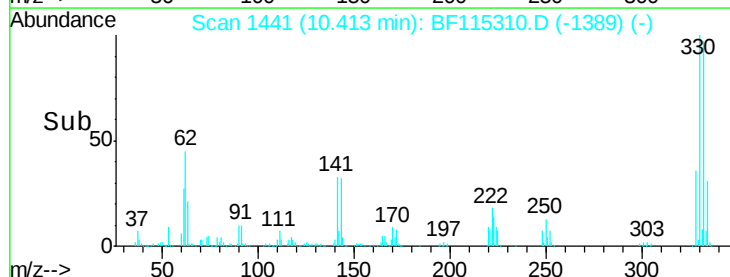
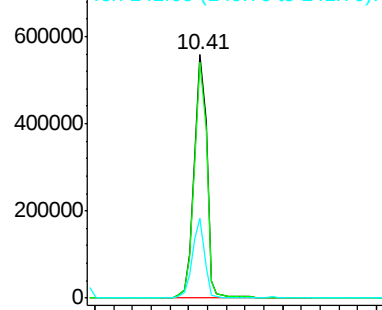
330 100

332 96.7 77.3 115.9

141 31.8 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





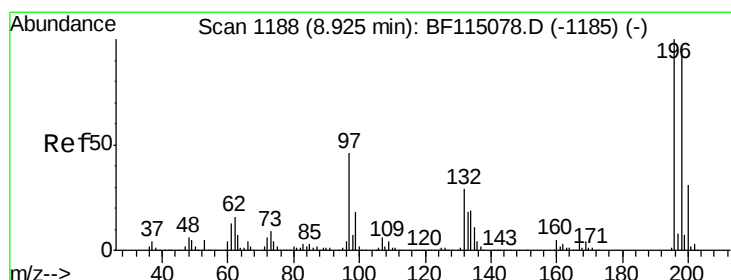
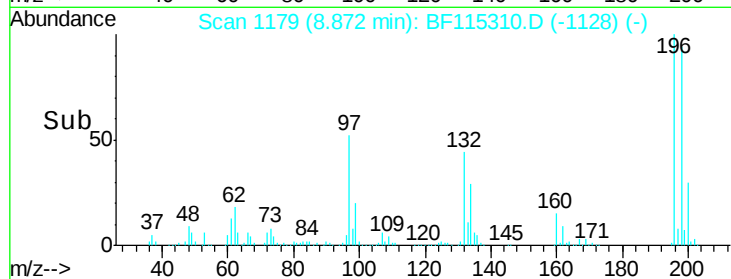
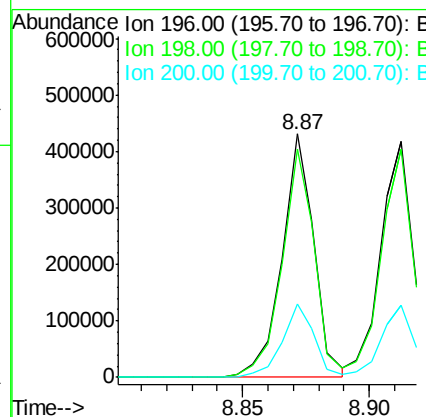
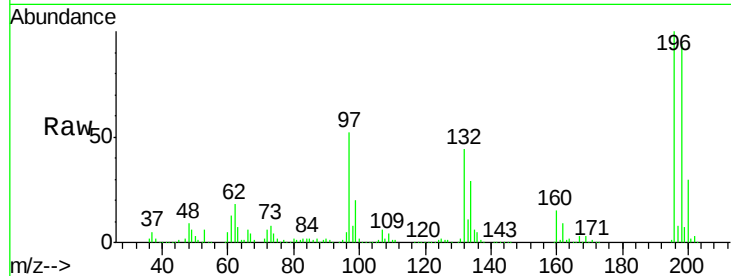
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.049 ng  
 RT: 8.87 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 379795 |       |       |
| 198     | 93.8  | 76.3   | 114.5 |       |
| 200     | 30.4  | 24.2   | 36.4  |       |

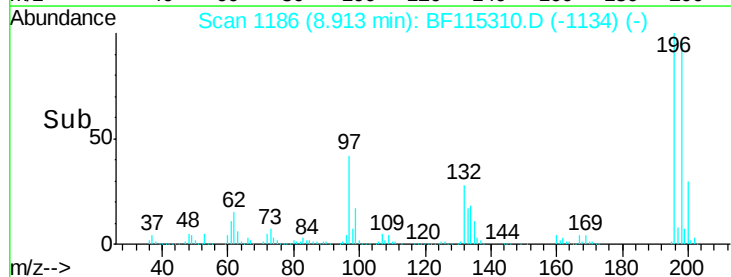
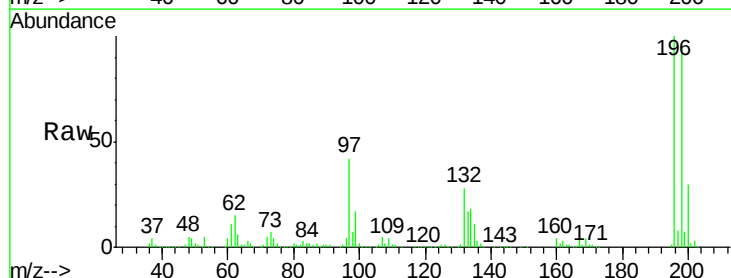
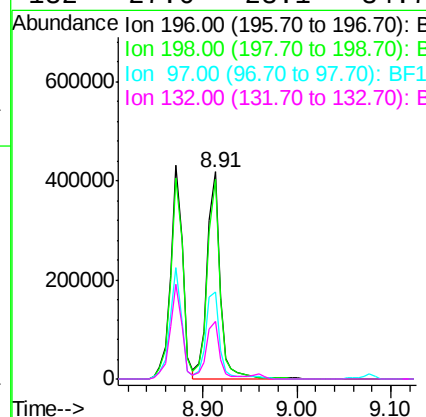
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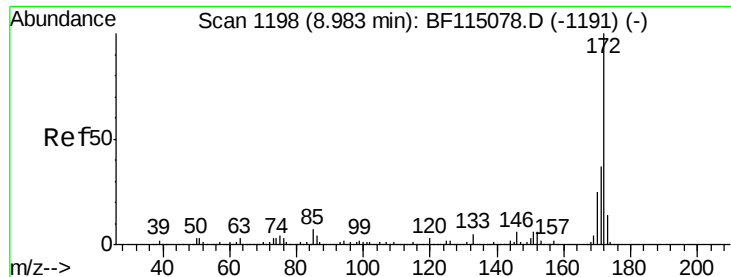
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 47.509 ng  
 RT: 8.91 min Scan# 1186  
 Delta R.T. 0.01 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 403520 |       |       |
| 198     | 96.5  | 77.1   | 115.7 |       |
| 97      | 41.9  | 37.7   | 56.5  |       |
| 132     | 27.6  | 23.1   | 34.7  |       |





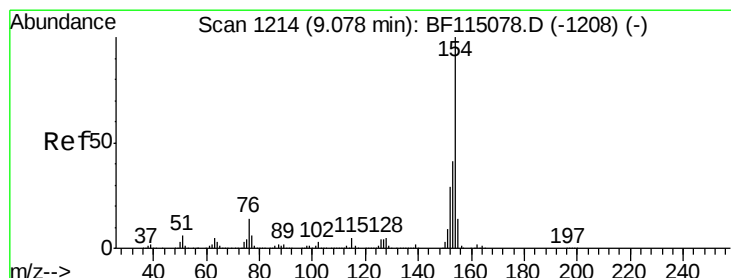
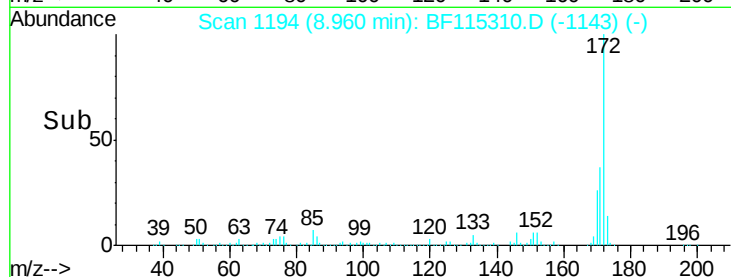
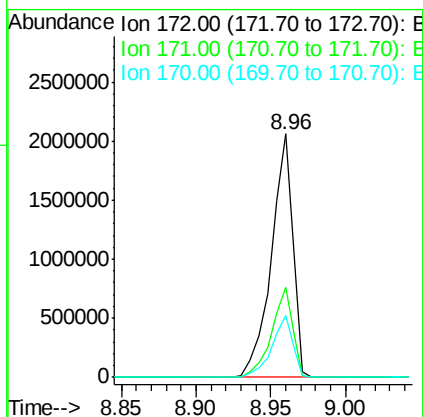
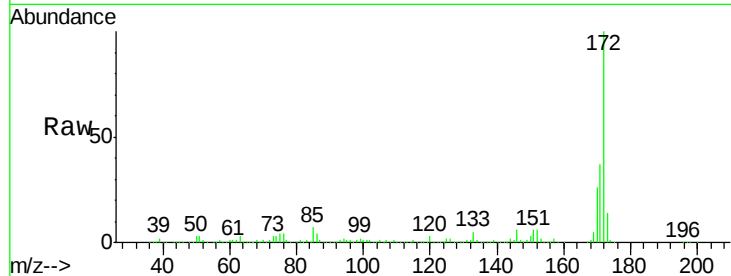
#45  
2-Fluorobiphenyl  
Concen: 91.694 ng  
RT: 8.96 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

Tgt Ion:172 Resp: 2040767  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.8 44.6  
170 25.6 20.3 30.5

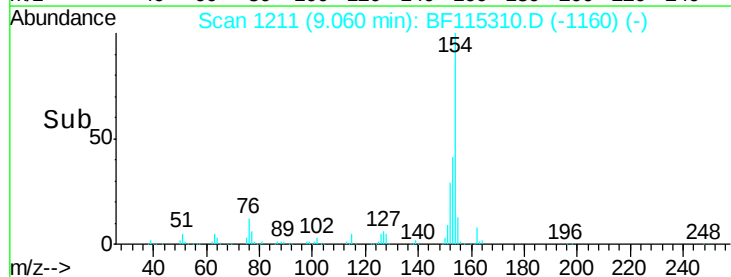
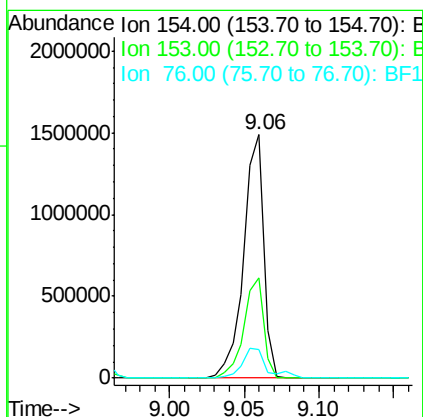
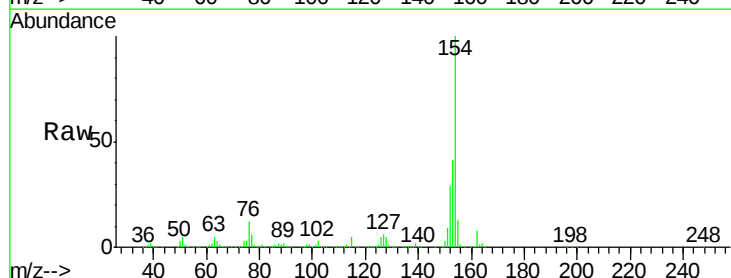
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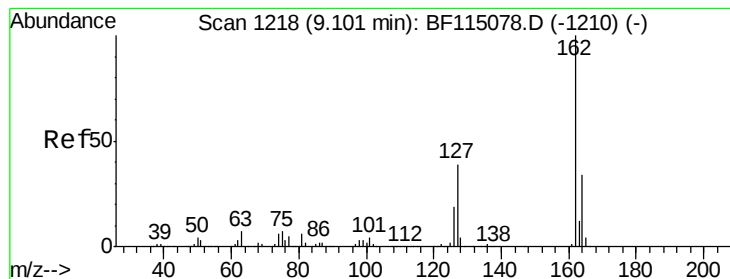
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#46  
1,1'-Biphenyl  
Concen: 45.868 ng  
RT: 9.06 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion:154 Resp: 1387475  
Ion Ratio Lower Upper  
154 100  
153 41.1 20.9 60.9  
76 12.0 0.0 34.1





#47

2-Chloronaphthalene

Concen: 44.852 ng

RT: 9.08 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion: 162 Resp: 1100538

Ion Ratio Lower Upper

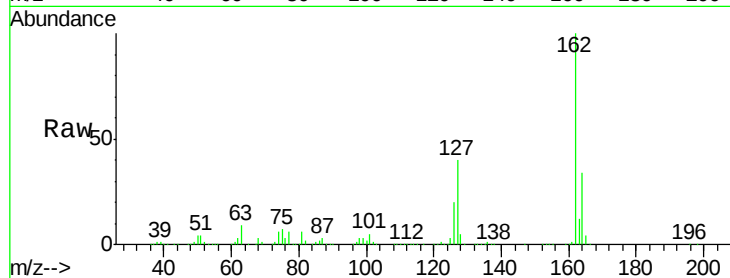
162 100

127 40.3 30.8 46.2

164 33.7 27.0 40.4

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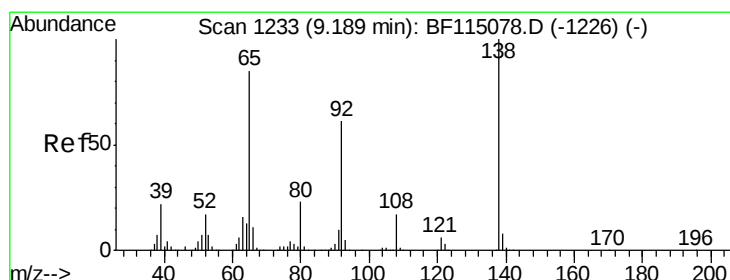
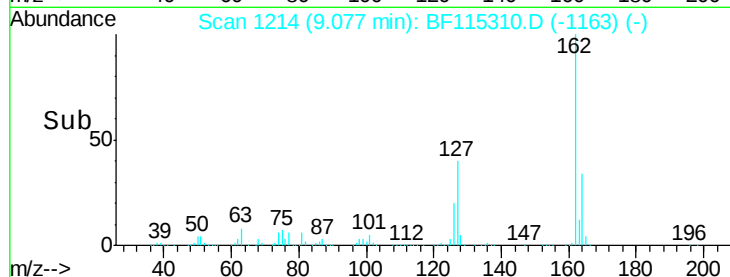
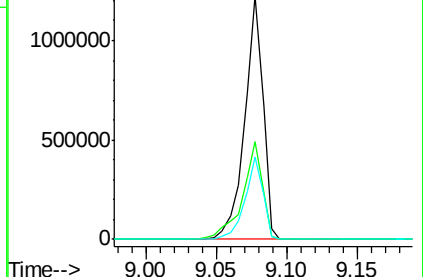
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.809 ng

RT: 9.17 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

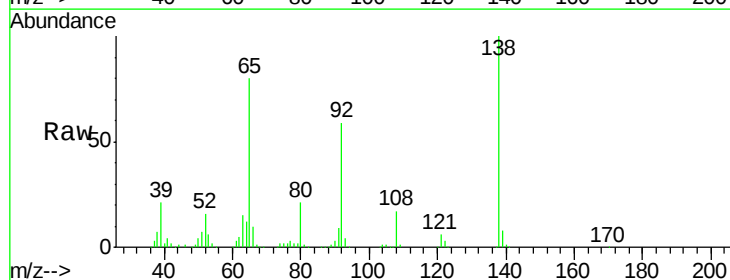
Tgt Ion: 65 Resp: 313389

Ion Ratio Lower Upper

65 100

92 74.2 57.4 86.2

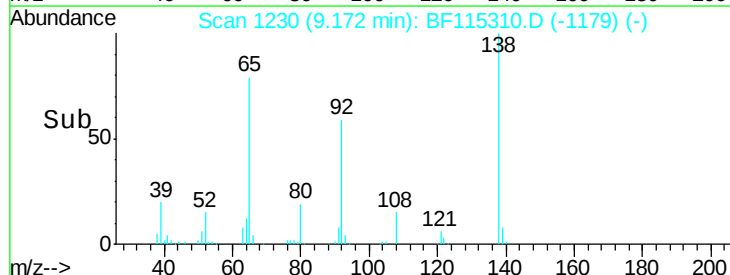
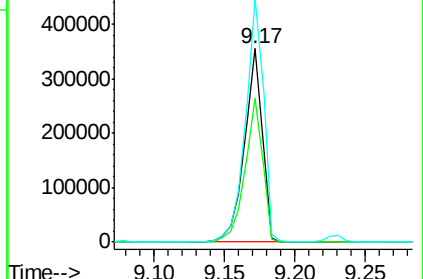
138 125.7 94.1 141.1

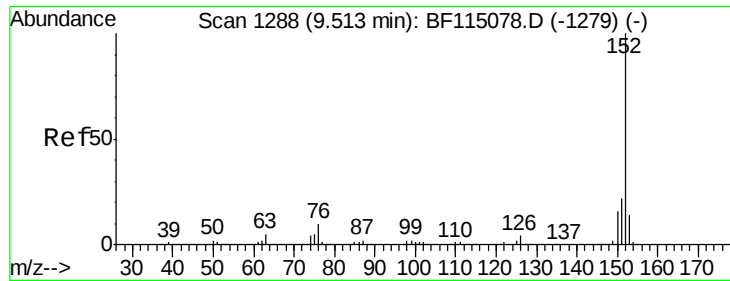


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.213 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion:152 Resp: 1728482

Ion Ratio Lower Upper

152 100

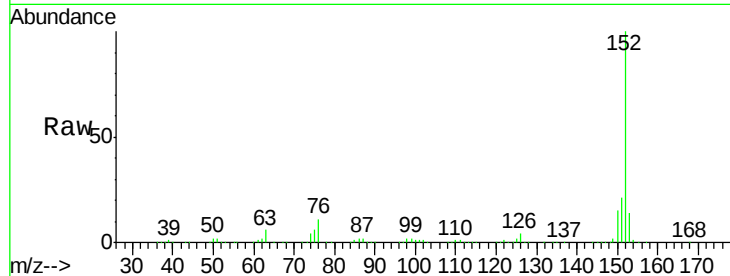
151 21.3 17.2 25.8

153 14.3 11.0 16.6

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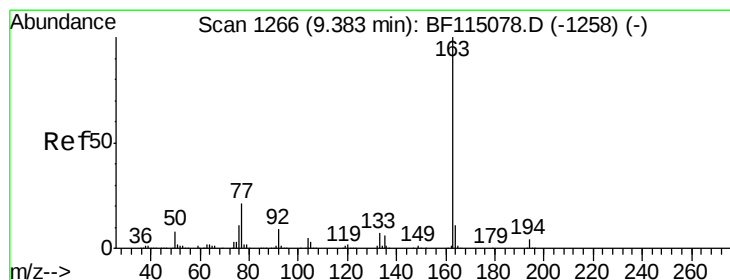
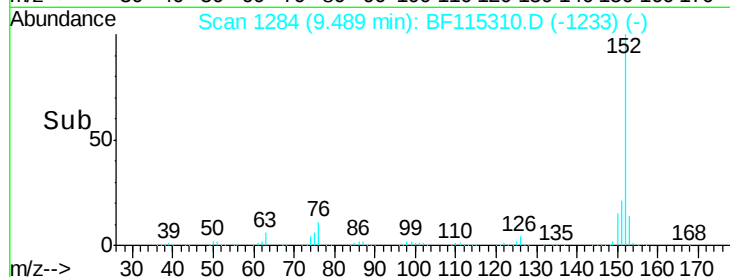
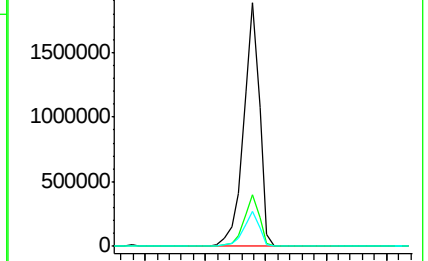
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.526 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

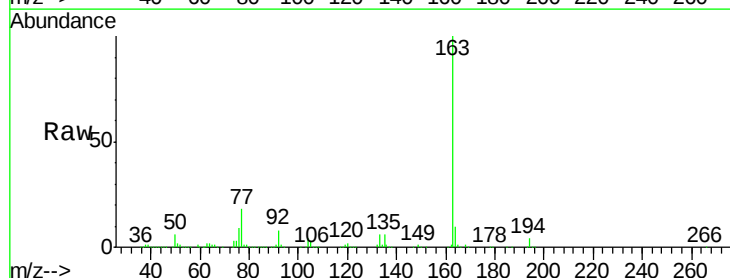
Tgt Ion:163 Resp: 1238450

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

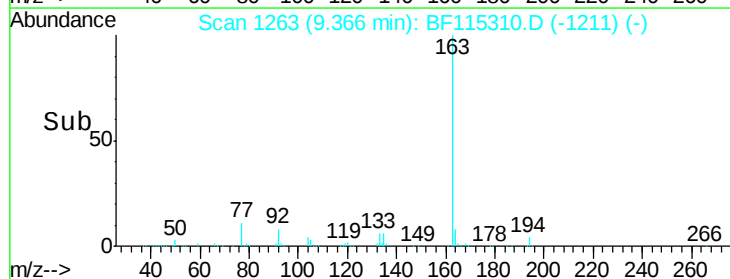
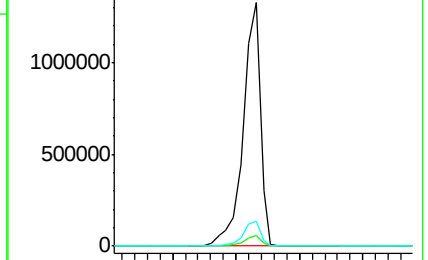
164 10.1 8.6 13.0

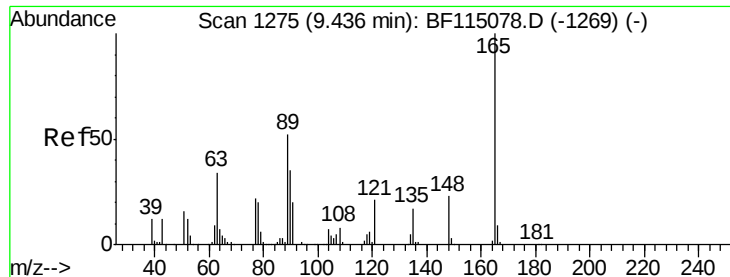


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.986 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion:165 Resp: 295296  
Ion Ratio Lower Upper

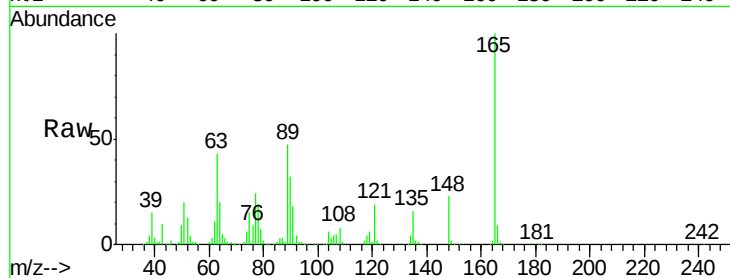
165 100

63 43.2 39.4 59.2

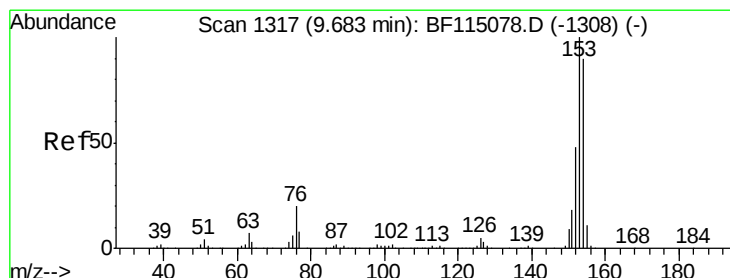
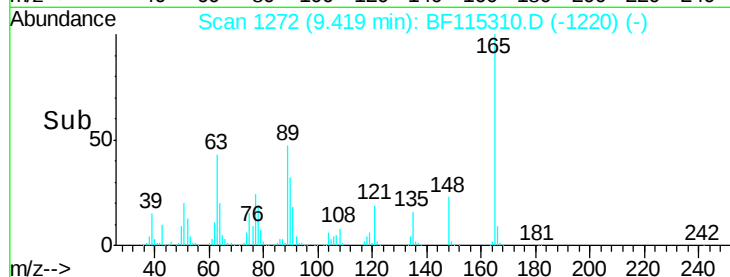
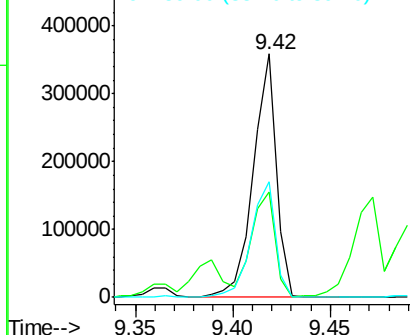
89 47.3 42.0 63.0

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



#52

Acenaphthene

Concen: 42.229 ng

RT: 9.66 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF115310.D

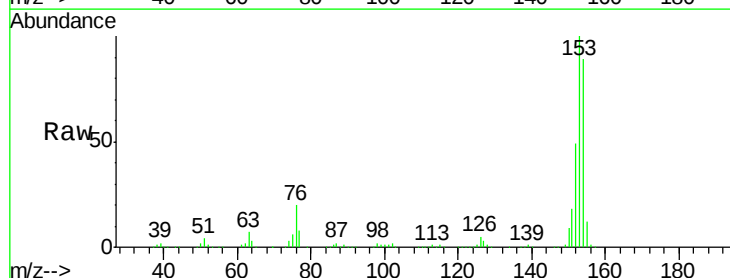
Acq: 29 Jun 2019 9:14

Tgt Ion:154 Resp: 1010199  
Ion Ratio Lower Upper

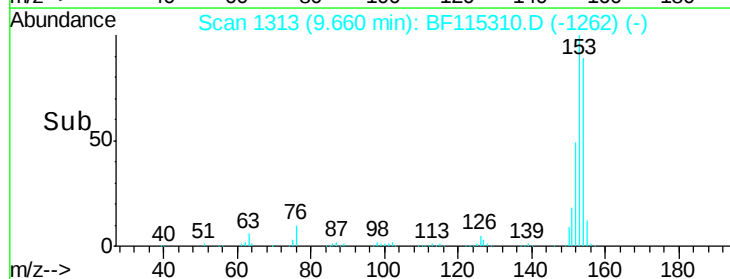
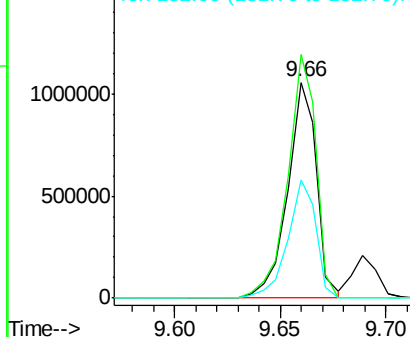
154 100

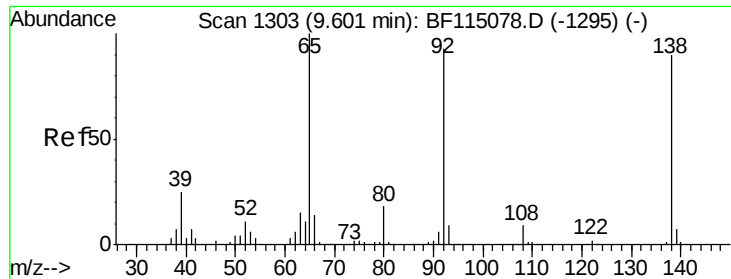
153 112.7 88.7 133.1

152 54.9 42.6 64.0



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





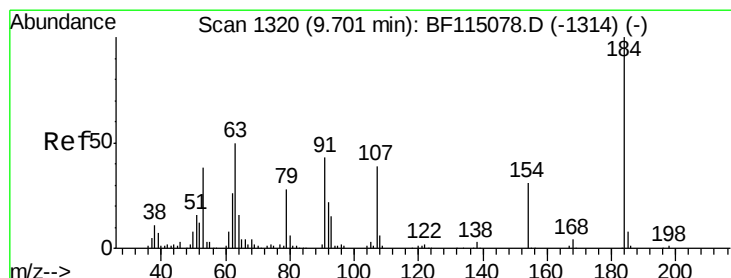
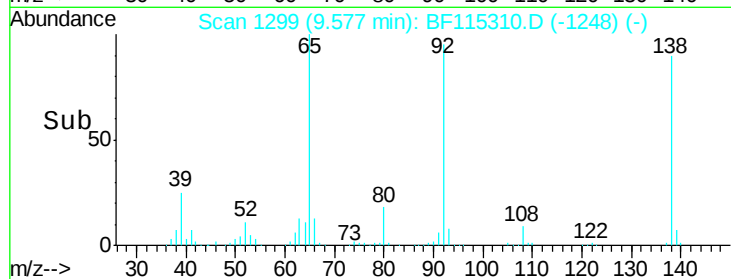
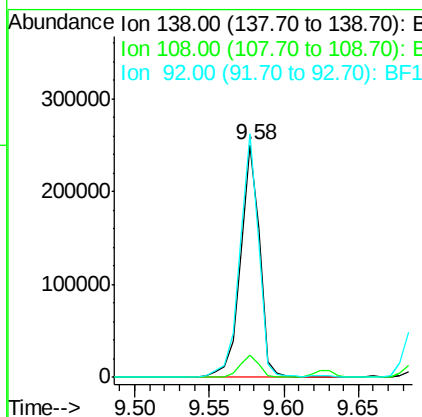
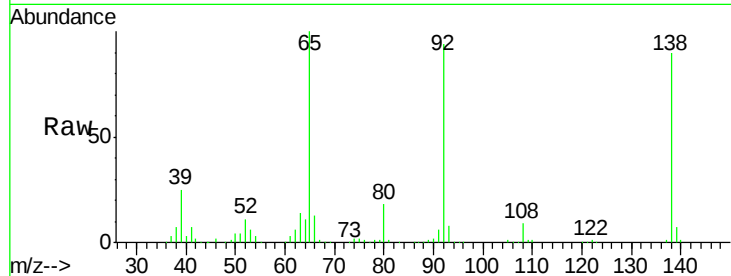
#53  
3-Nitroaniline  
Concen: 28.256 ng  
RT: 9.58 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 221418 |       |       |
| 108     | 9.5   | 7.8    | 11.6  |       |
| 92      | 104.8 | 82.9   | 124.3 |       |

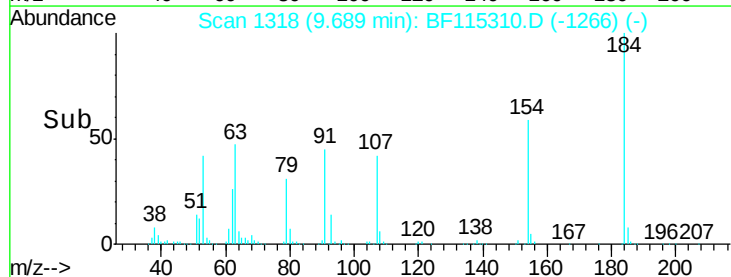
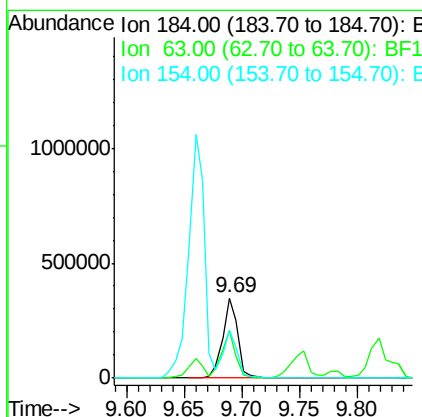
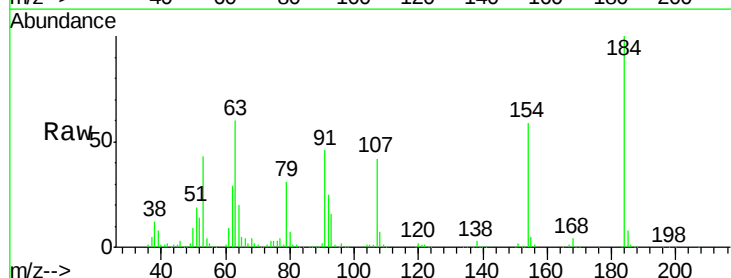
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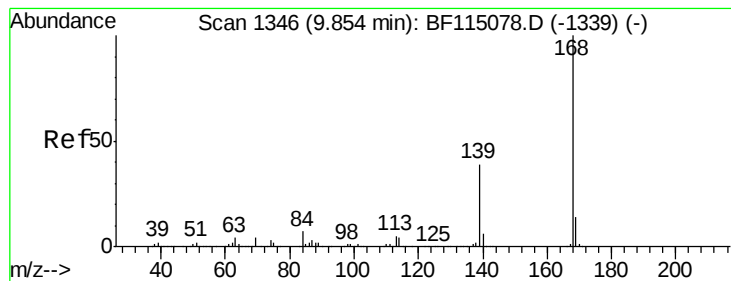
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 94.592 ng  
RT: 9.69 min Scan# 1318  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 317428 |       |       |
| 63      | 60.3  | 41.9   | 62.9  |       |
| 154     | 59.4  | 44.7   | 67.1  |       |





#55

Dibenzofuran

Concen: 44.033 ng

RT: 9.84 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion:168 Resp: 1511868

Ion Ratio Lower Upper

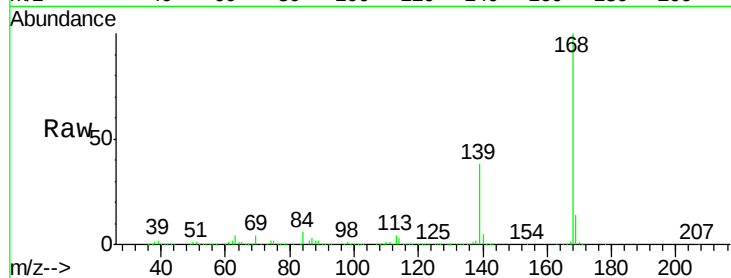
168 100

139 38.3 31.1 46.7

169 14.0 11.3 16.9

Manual Integrations  
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7/1/2019 5:58:48 PM

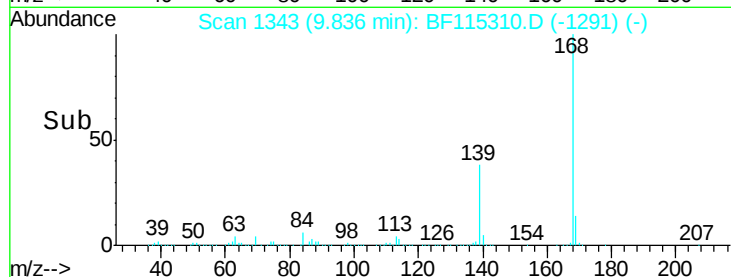


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

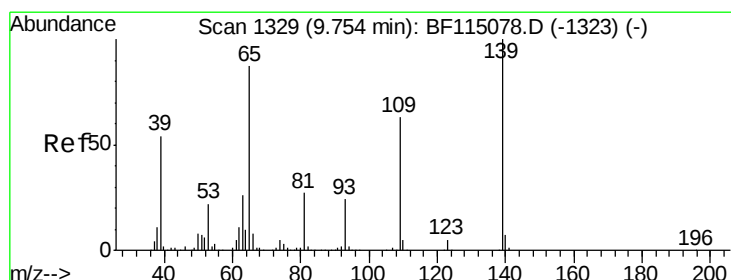
Ion 169.00 (168.70 to 169.70): E

Time-->



Abundance

Time-->



#56

4-Nitrophenol

Concen: 84.431 ng

RT: 9.75 min Scan# 1329

Delta R.T. 0.02 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

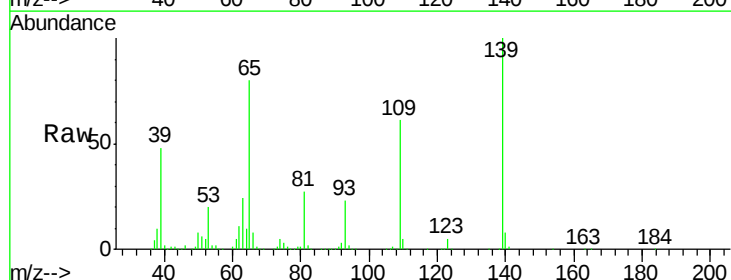
Tgt Ion:139 Resp: 530419

Ion Ratio Lower Upper

139 100

109 61.4 43.0 83.0

65 80.3 67.0 107.0

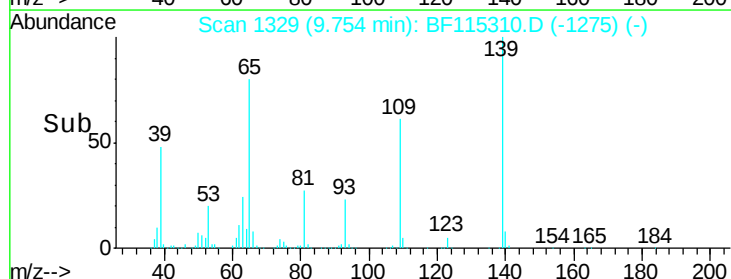


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

Time-->



Abundance

Time-->



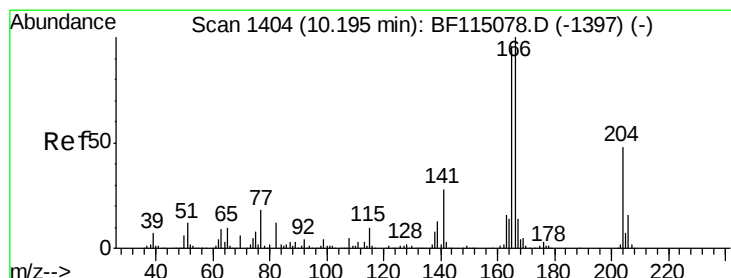
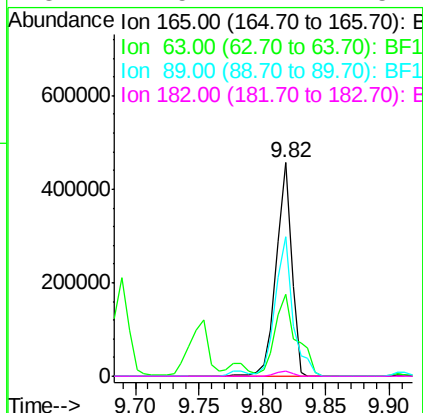
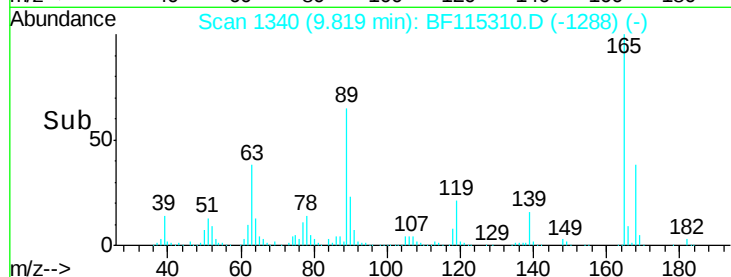
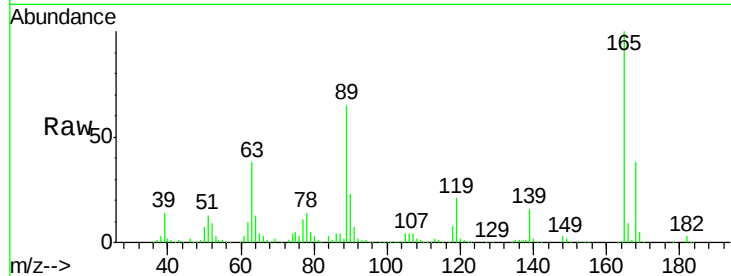
#57  
2,4-Dinitrotoluene  
Concen: 46.336 ng  
RT: 9.82 min Scan# 1340  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 384185 |       |       |
| 63      | 38.3  | 27.5   | 41.3  |       |
| 89      | 65.1  | 49.9   | 74.9  |       |
| 182     | 2.5   | 2.1    | 3.1   |       |

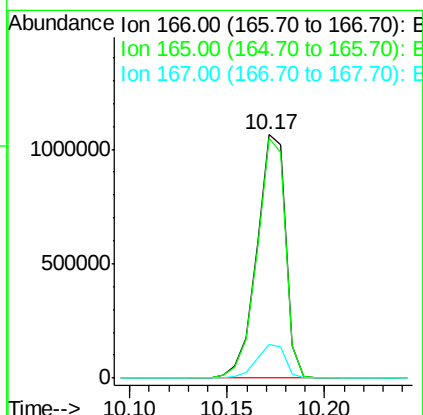
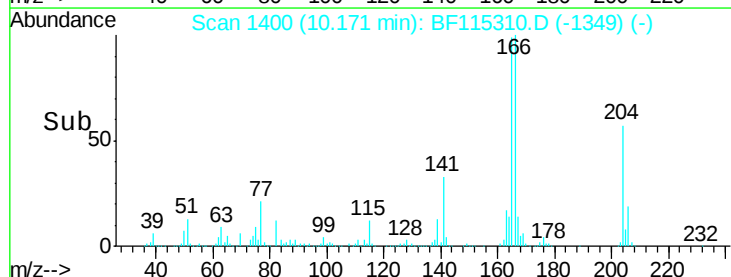
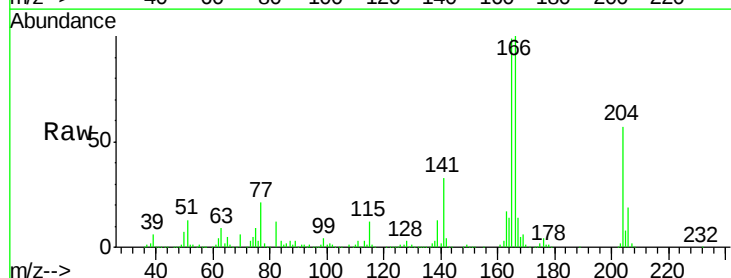
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7/1/2019 5:58:48 PM



#58  
Fluorene  
Concen: 47.654 ng  
RT: 10.17 min Scan# 1400  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1080471 |       |       |
| 165     | 98.5  | 76.5    | 114.7 |       |
| 167     | 13.9  | 11.0    | 16.4  |       |





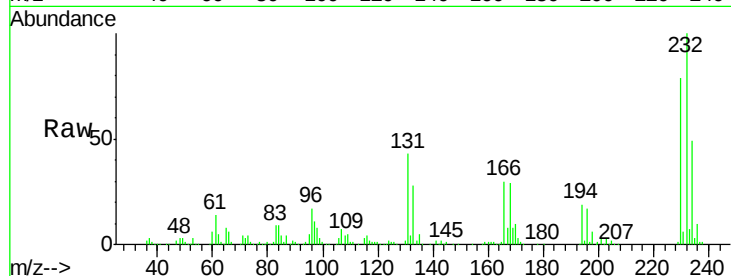
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.769 ng  
 RT: 9.95 min Scan# 1363  
 Delta R.T. 0.01 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

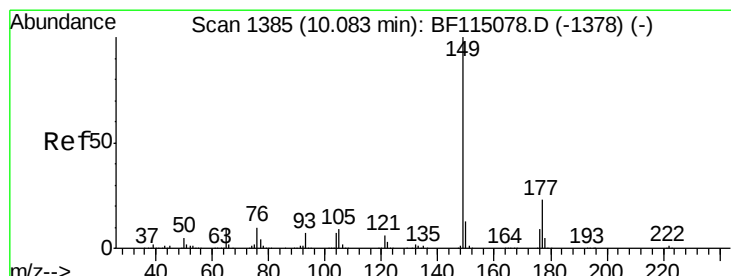
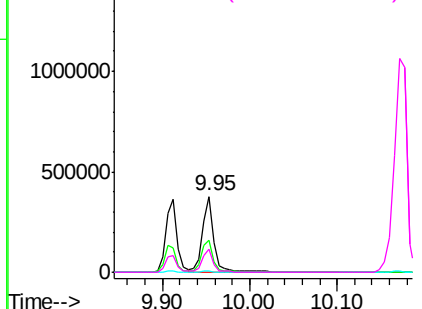
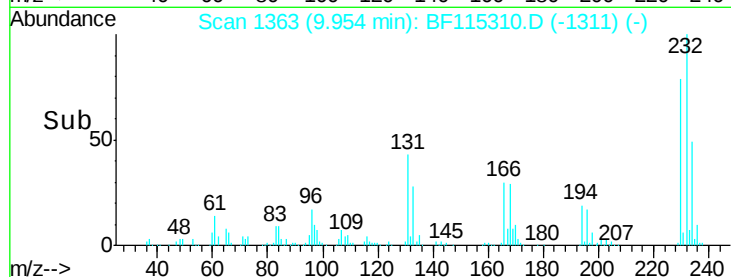
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.9  | 37.4  | 56.0  |
| 130     | 2.2   | 1.8   | 2.6   |
| 166     | 29.2  | 24.6  | 36.8  |

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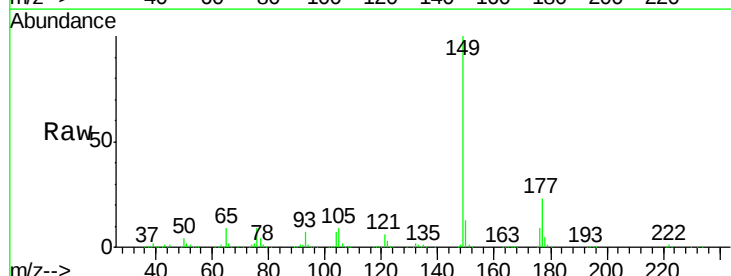


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

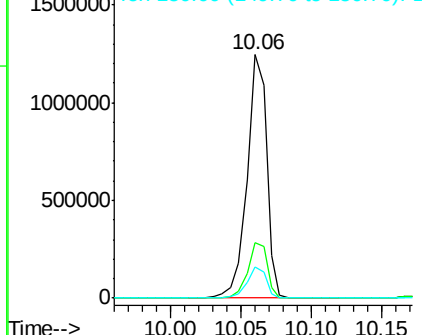
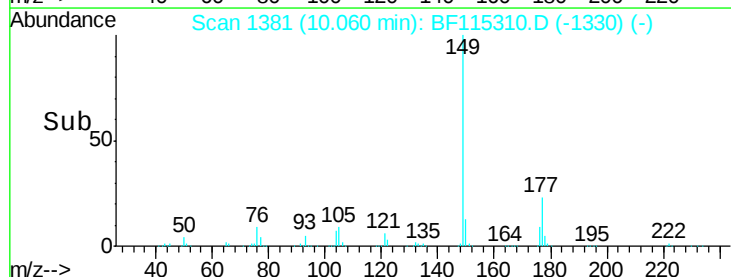


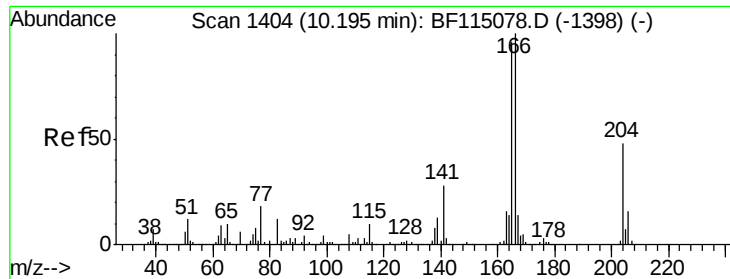
#60  
 Diethylphthalate  
 Concen: 43.417 ng  
 RT: 10.06 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.8  | 18.7  | 28.1  |
| 150     | 12.9  | 10.4  | 15.6  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





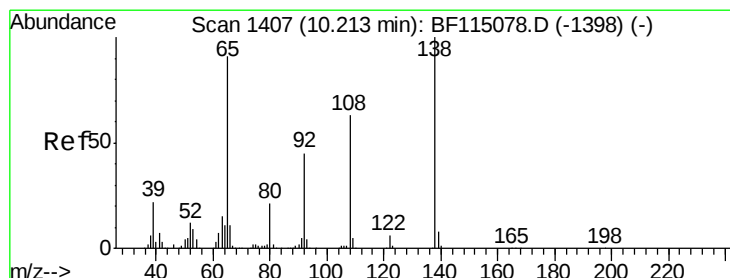
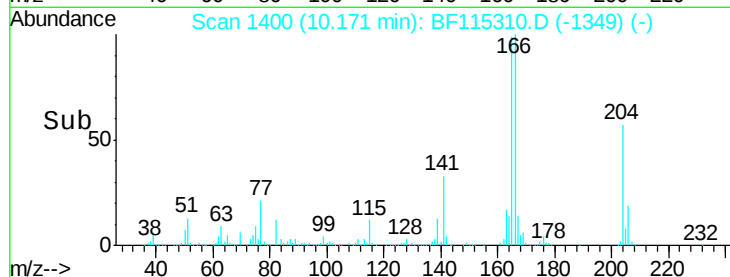
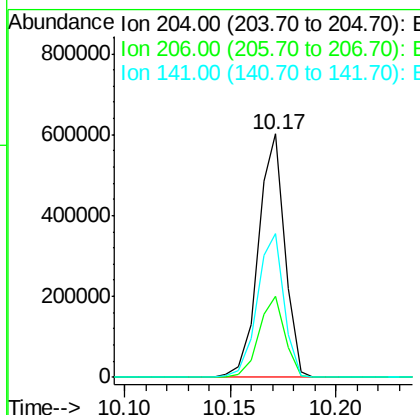
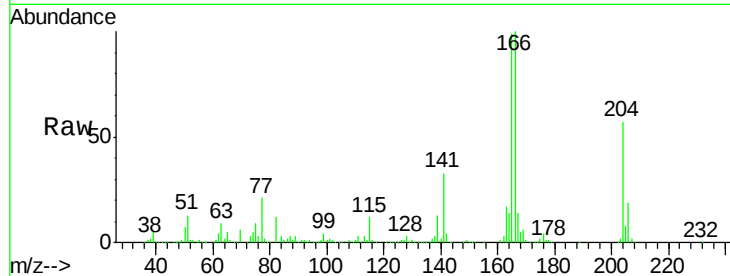
#61  
 4-Chlorophenyl-phenylether  
 Concen: 48.742 ng  
 RT: 10.17 min Scan# 1400  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 523357 |       |       |
| 206     | 33.1  | 26.6   | 40.0  |       |
| 141     | 59.0  | 46.7   | 70.1  |       |

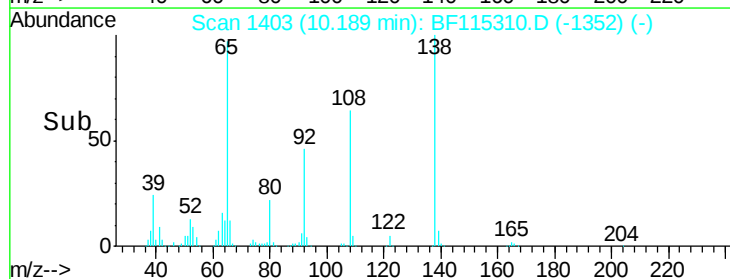
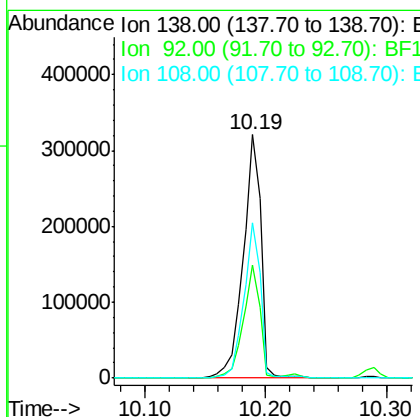
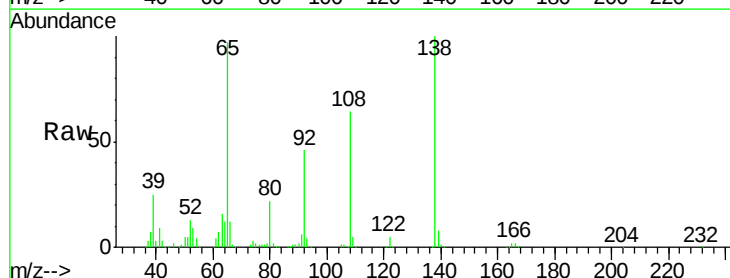
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#62  
 4-Nitroaniline  
 Concen: 41.883 ng  
 RT: 10.19 min Scan# 1403  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 329256 |       |       |
| 92      | 46.3  | 24.8   | 64.8  |       |
| 108     | 63.8  | 43.3   | 83.3  |       |





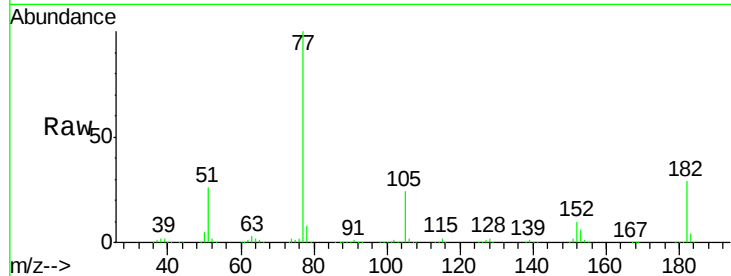
#63  
Azobenzene  
Concen: 43.692 ng  
RT: 10.33 min Scan# 1427  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.5  | 10.1  | 50.1  |
| 105     | 23.9  | 4.5   | 44.5  |
| 51      | 26.2  | 6.4   | 46.4  |

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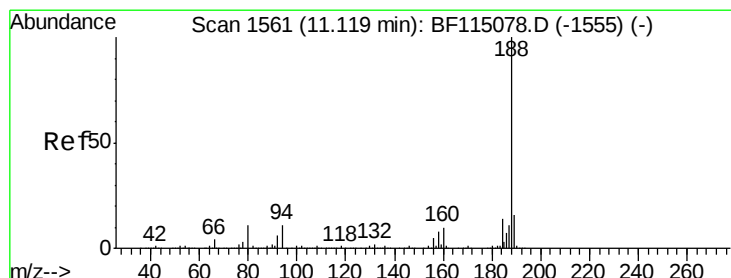
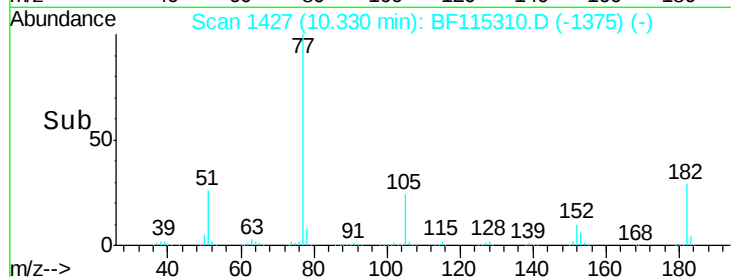
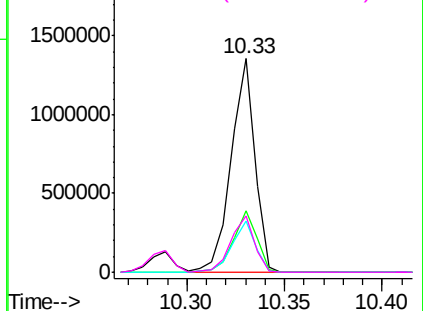
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.10 min Scan# 1558  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

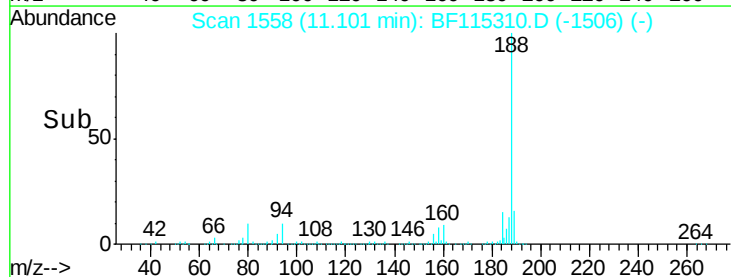
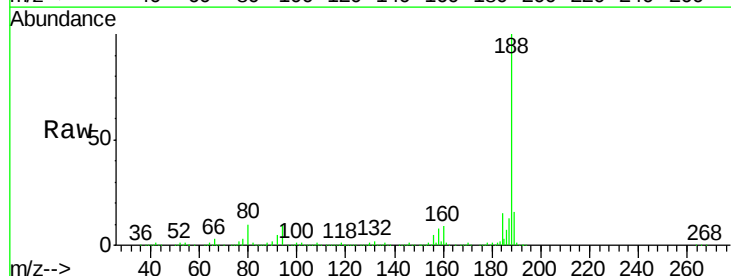
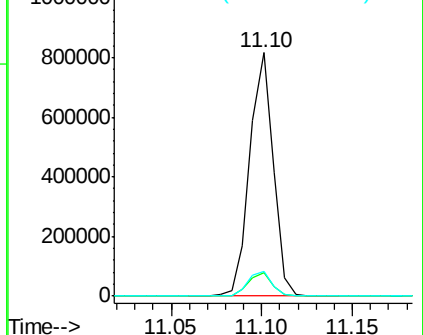
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.6   | 8.6   | 12.8  |
| 80      | 9.9   | 8.8   | 13.2  |

Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.872 ng

RT: 10.22 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion:198 Resp: 200598  
Ion Ratio Lower Upper

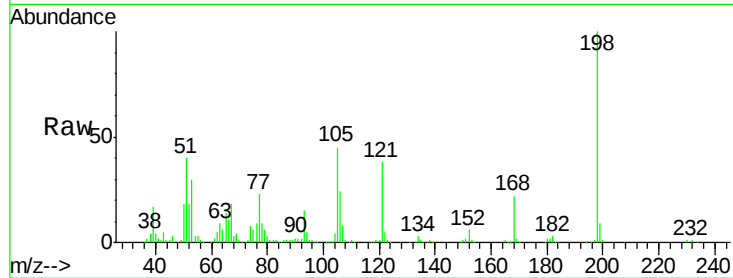
198 100

51 40.3 11.0 51.0

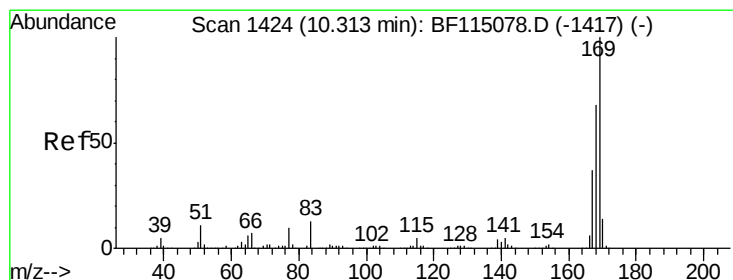
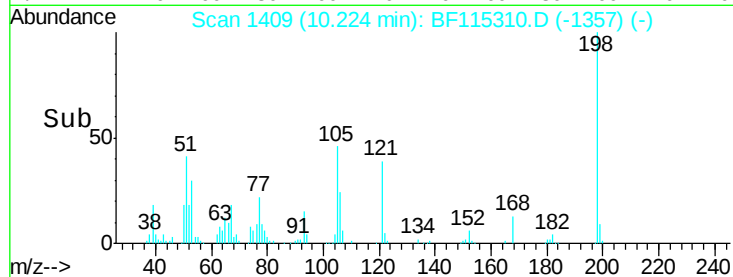
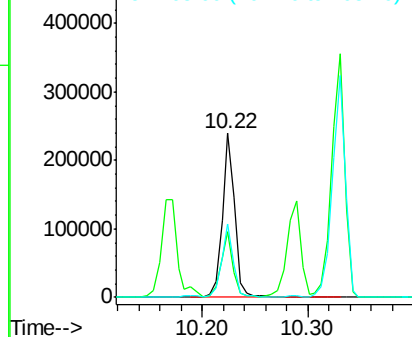
105 44.9 17.3 57.3

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



#66

n-Nitrosodiphenylamine

Concen: 44.761 ng

RT: 10.29 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF115310.D

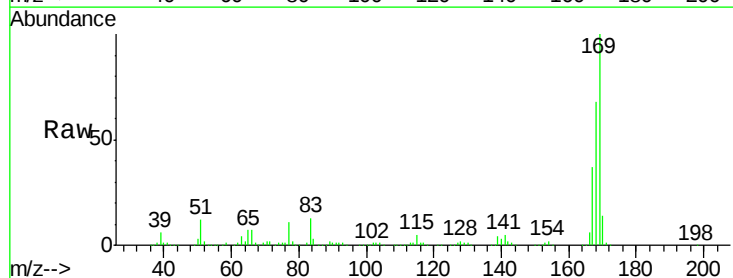
Acq: 29 Jun 2019 9:14

Tgt Ion:169 Resp: 1026787  
Ion Ratio Lower Upper

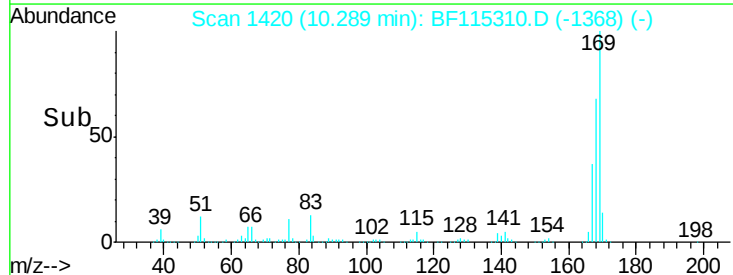
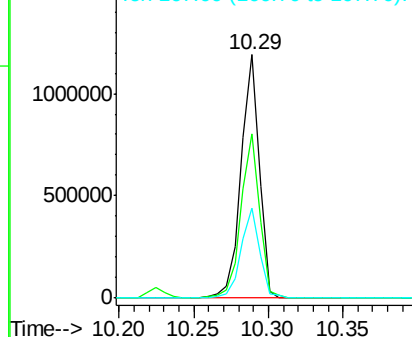
169 100

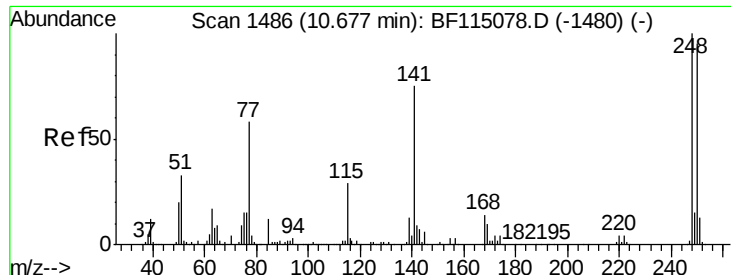
168 67.7 54.2 81.4

167 37.0 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





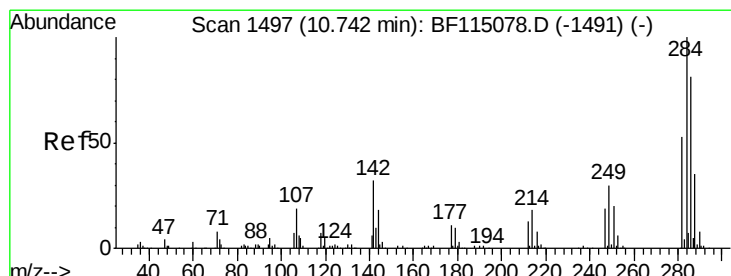
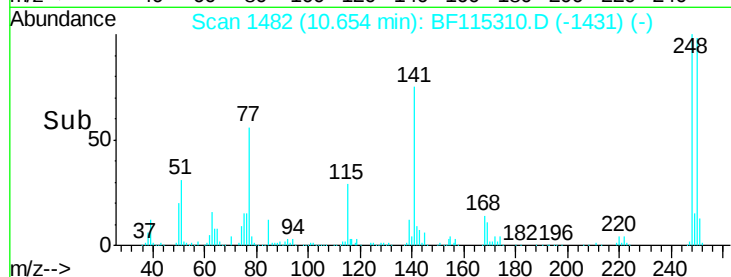
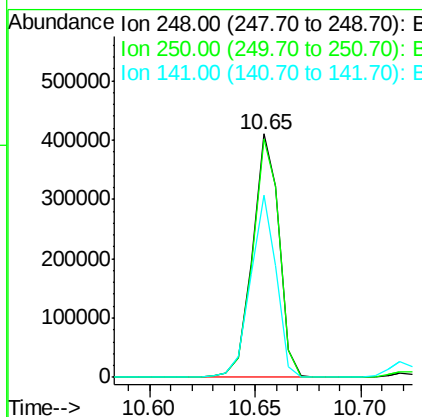
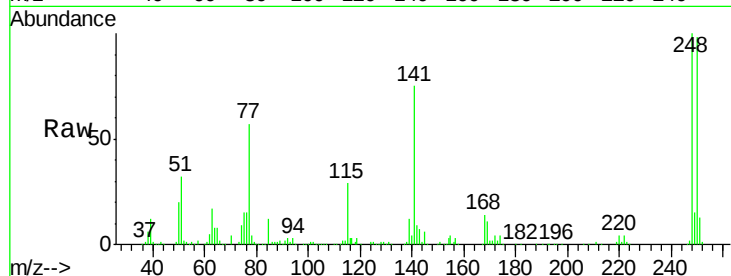
#67  
 4-Bromophenyl-phenylether  
 Concen: 44.858 ng  
 RT: 10.65 min Scan# 1482  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 76.2  | 114.2 |
| 141     | 74.8  | 59.6  | 89.4  |

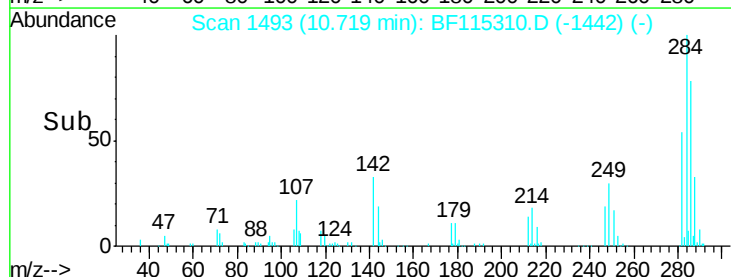
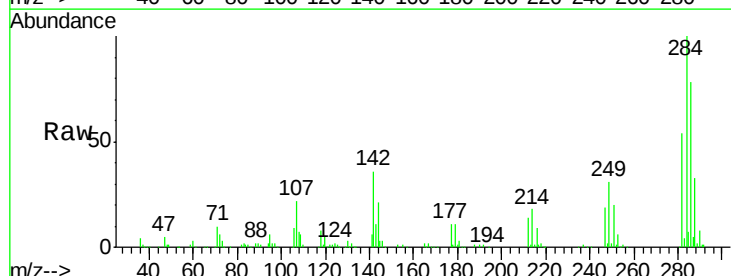
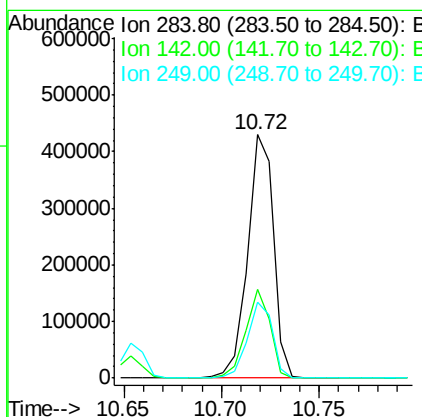
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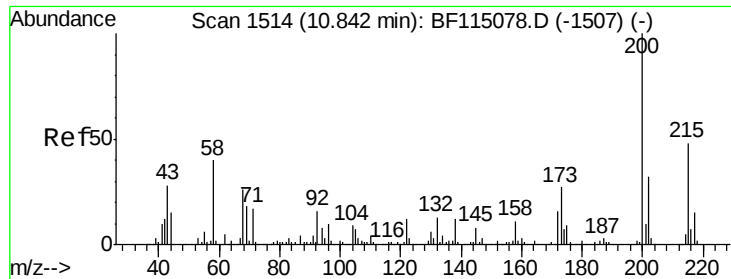
mohammad  
 7/1/2019 5:58:48 PM



#68  
 Hexachlorobenzene  
 Concen: 45.465 ng  
 RT: 10.72 min Scan# 1493  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.4  | 25.8  | 38.8  |
| 249     | 31.3  | 24.2  | 36.4  |





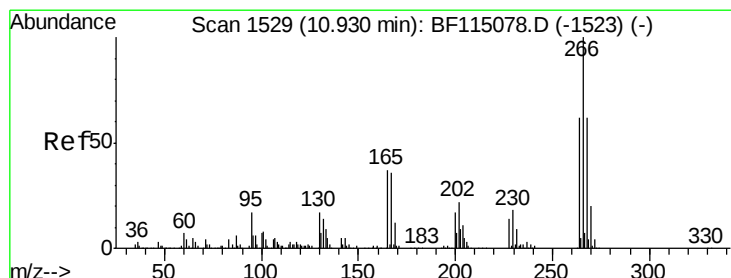
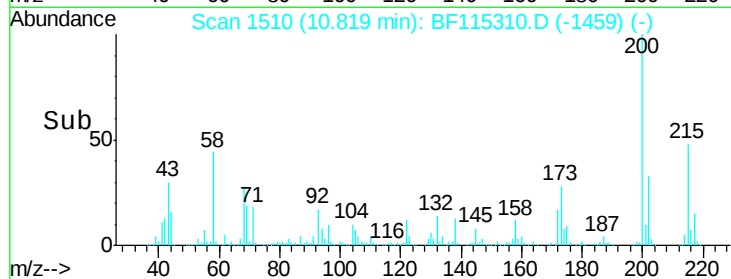
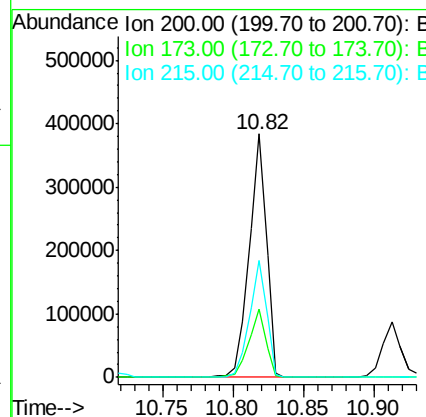
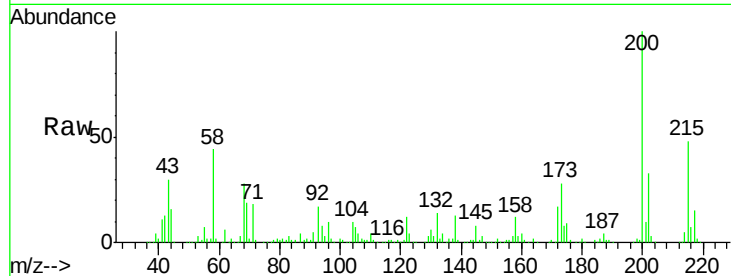
#69  
 Atrazine  
 Concen: 44.514 ng  
 RT: 10.82 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 328474 |       |       |
| 173     | 28.2  | 7.4    | 47.4  |       |
| 215     | 47.8  | 27.8   | 67.8  |       |

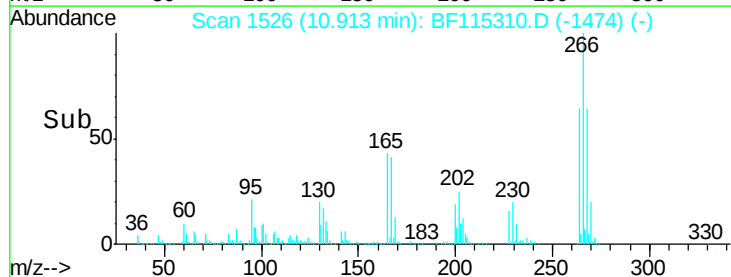
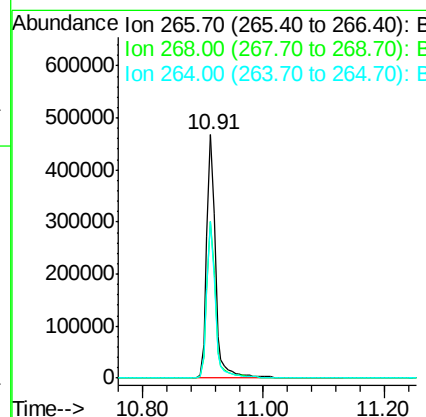
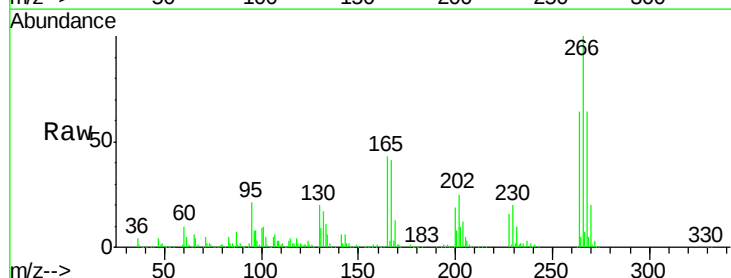
Manual Integrations  
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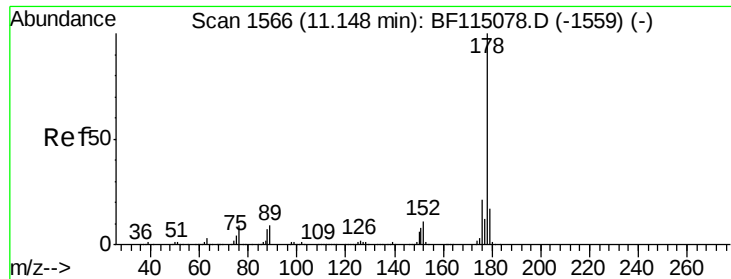
mohammad  
 7/1/2019 5:58:48 PM



#70  
 Pentachlorophenol  
 Concen: 87.203 ng  
 RT: 10.91 min Scan# 1526  
 Delta R.T. 0.01 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 481381 |       |       |
| 268     | 64.5  | 49.5   | 74.3  |       |
| 264     | 64.4  | 49.3   | 73.9  |       |





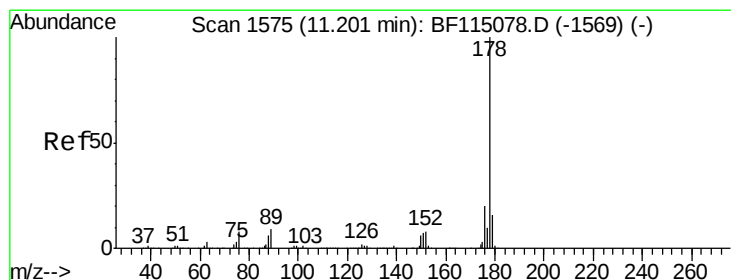
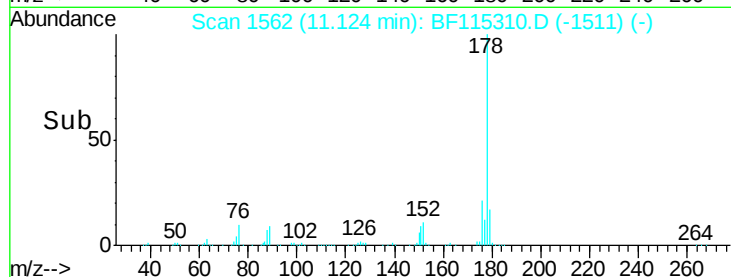
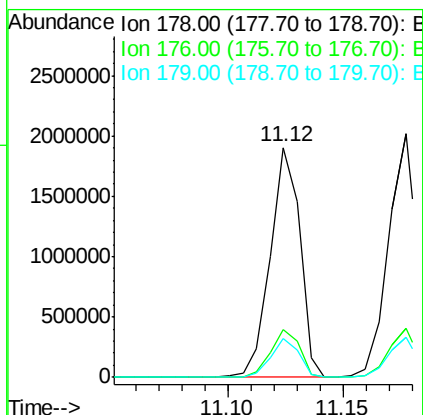
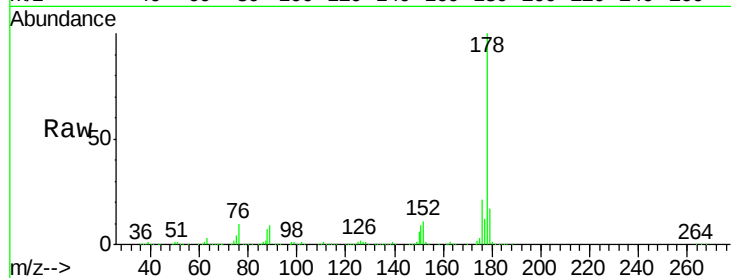
#71  
Phenanthrene  
Concen: 42.814 ng  
RT: 11.12 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

Tgt Ion:178 Resp: 1697304  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.9 25.3  
179 16.7 13.2 19.8

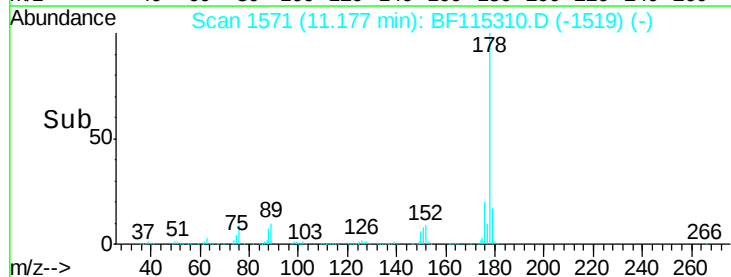
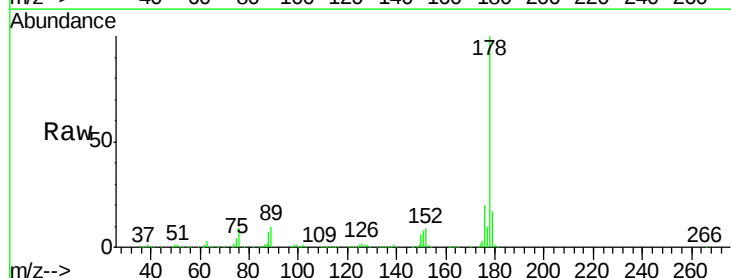
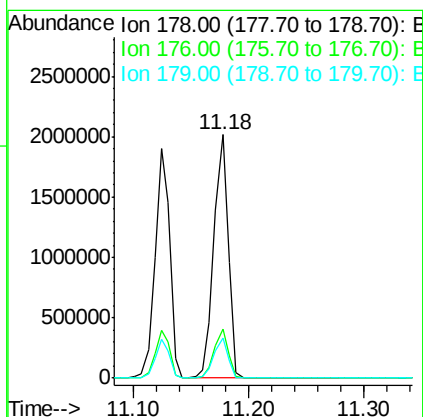
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#72  
Anthracene  
Concen: 43.949 ng  
RT: 11.18 min Scan# 1571  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion:178 Resp: 1758733  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.1 24.1  
179 16.6 12.9 19.3





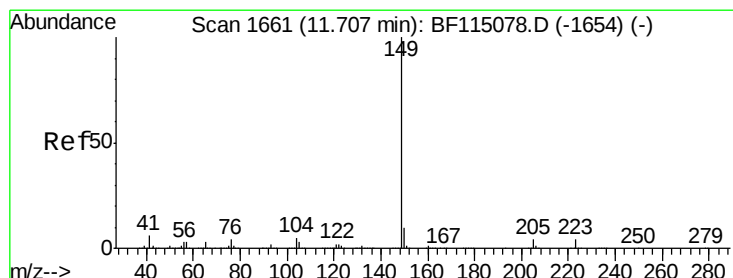
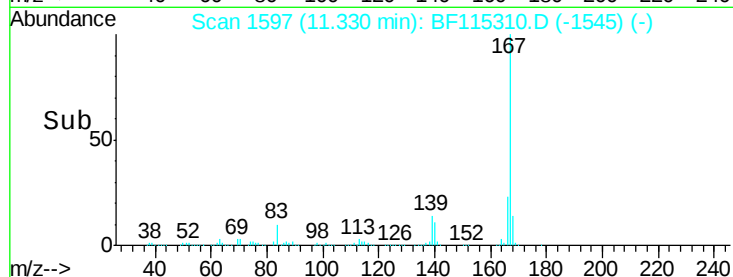
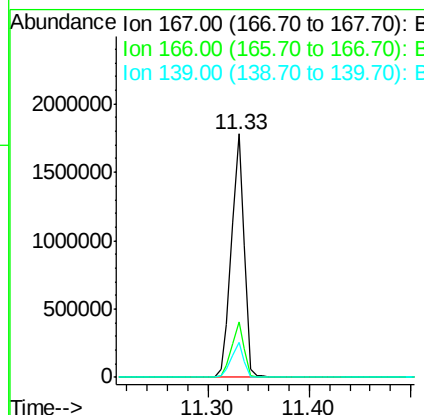
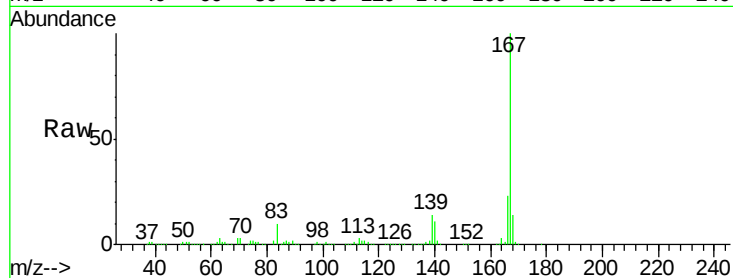
#73  
 Carbazole  
 Concen: 43.952 ng  
 RT: 11.33 min Scan# 1597  
 Delta R.T. 0.01 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

Tgt Ion:167 Resp: 1570583  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.0 27.0  
 139 14.1 11.1 16.7

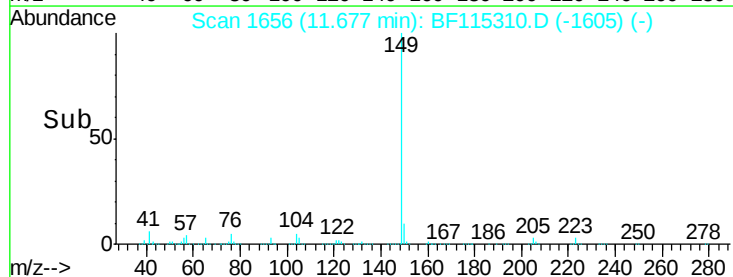
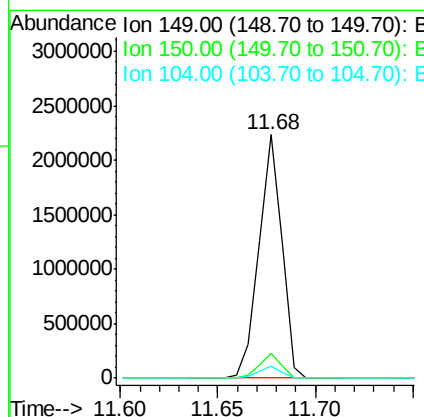
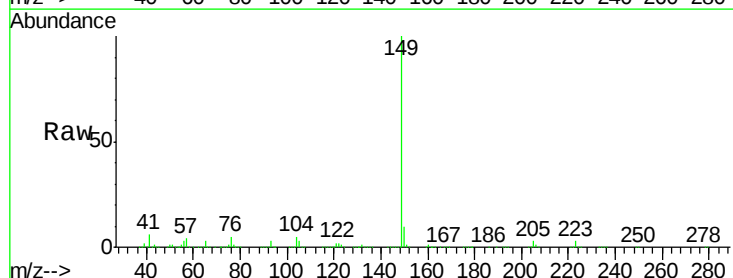
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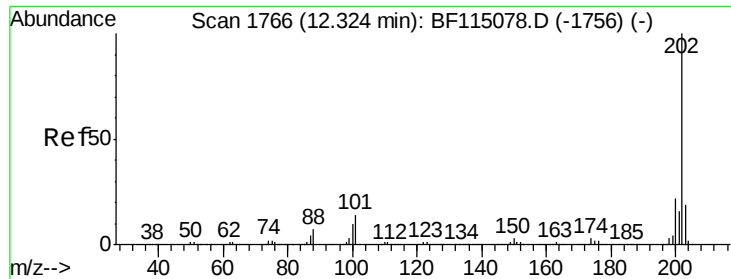
mohammad  
 7/1/2019 5:58:48 PM



#74  
 Di-n-butylphthalate  
 Concen: 44.057 ng  
 RT: 11.68 min Scan# 1656  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Tgt Ion:149 Resp: 1819236  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.8 11.8  
 104 4.7 3.7 5.5





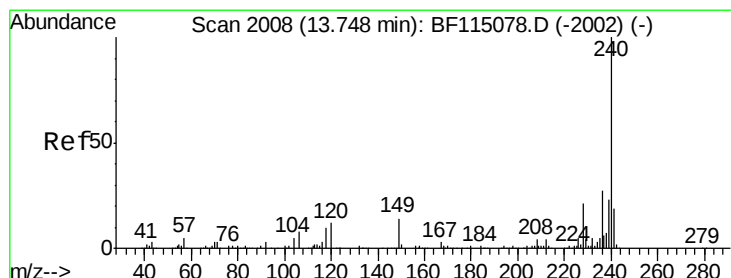
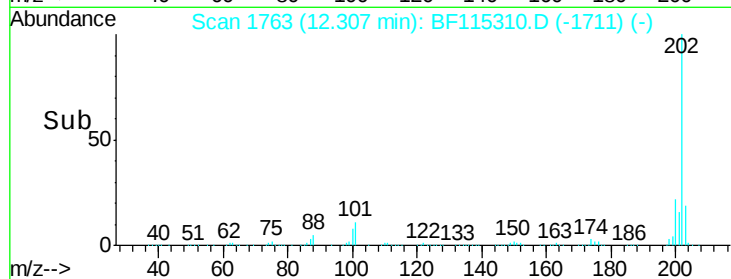
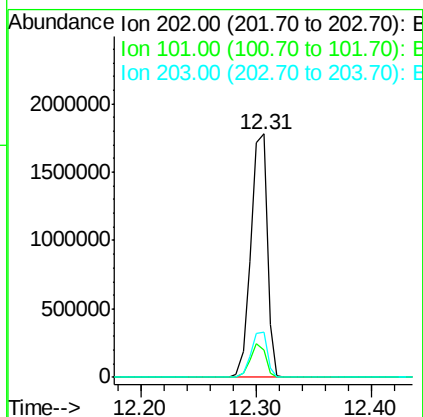
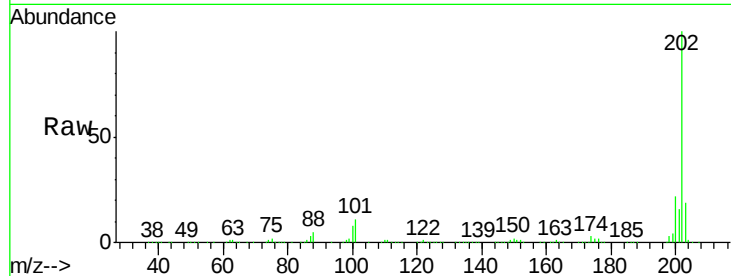
#75  
 Fluoranthene  
 Concen: 44.396 ng  
 RT: 12.31 min Scan# 1763  
 Delta R.T. 0.01 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.3  | 0.0   | 34.0  |
| 203     | 18.5  | 0.0   | 38.8  |

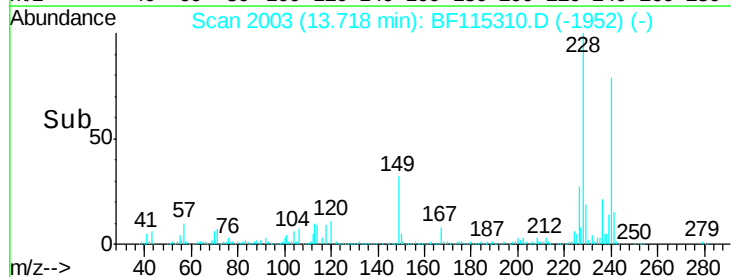
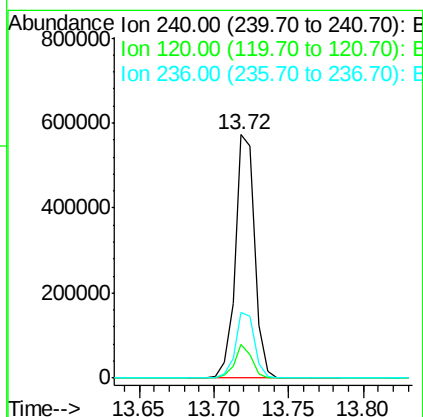
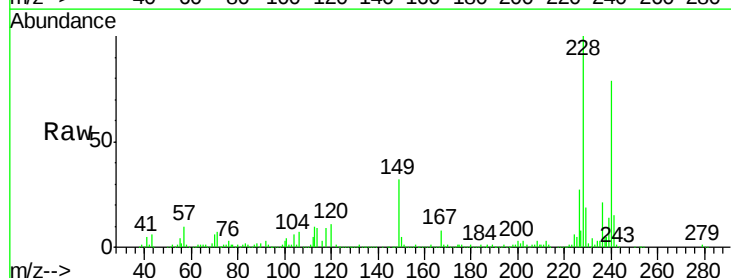
Manual Integrations  
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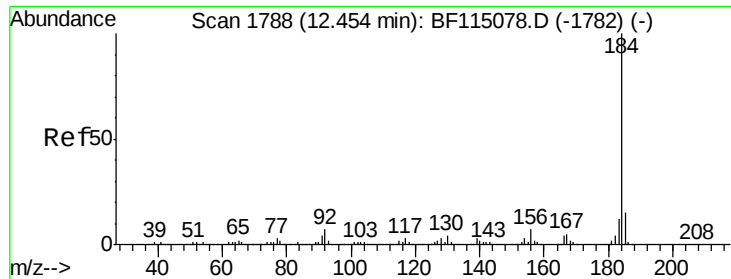
mohammad  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.72 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: BF115310.D  
 Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.9  | 9.4   | 14.2  |
| 236     | 27.0  | 21.7  | 32.5  |





#77

Benzidine

Concen: 37.927 ng

RT: 12.43 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

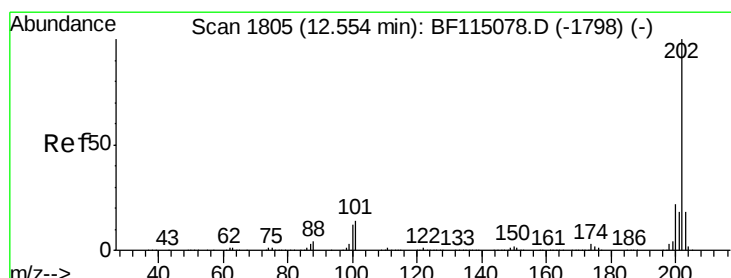
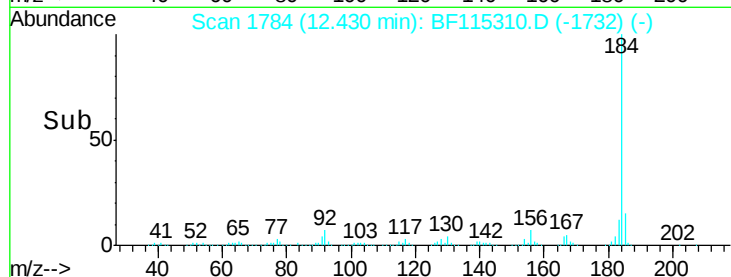
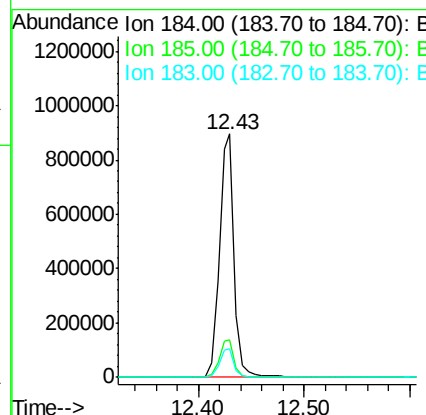
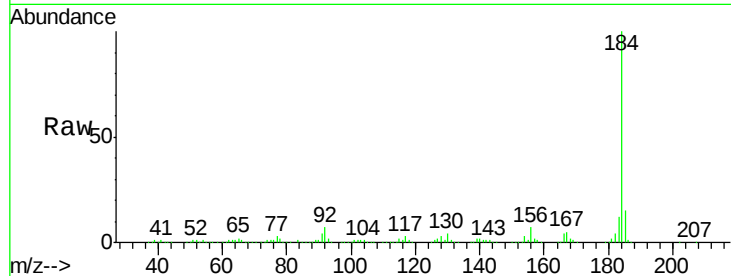
ClientSampleId :

PB121004BSD

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 15.4  | 12.2 | 18.2  |       |
| 183     | 11.8  | 9.6  | 14.4  |       |

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#78

Pyrene

Concen: 44.518 ng

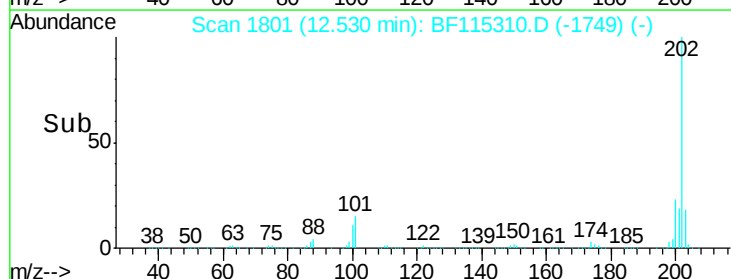
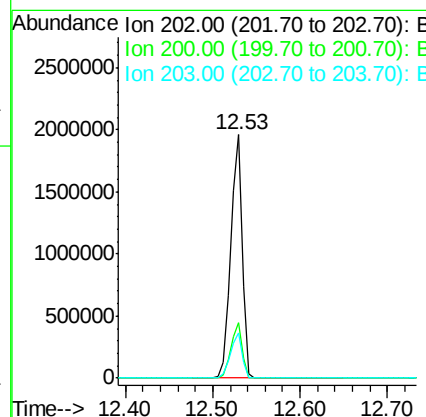
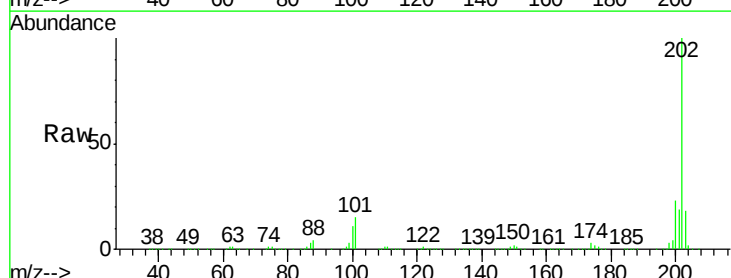
RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 200     | 22.8  | 17.9 | 26.9  |       |
| 203     | 18.5  | 14.6 | 21.8  |       |





#79

Terphenyl-d14

Concen: 87.435 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion:244 Resp: 2150791

Ion Ratio Lower Upper

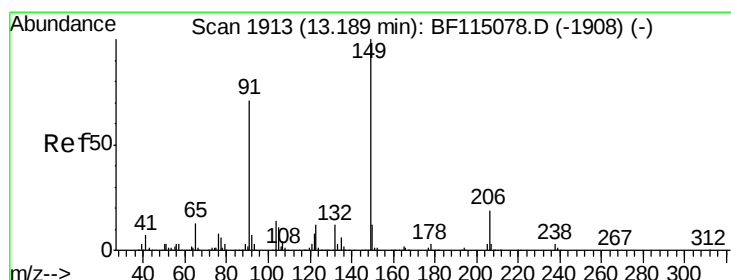
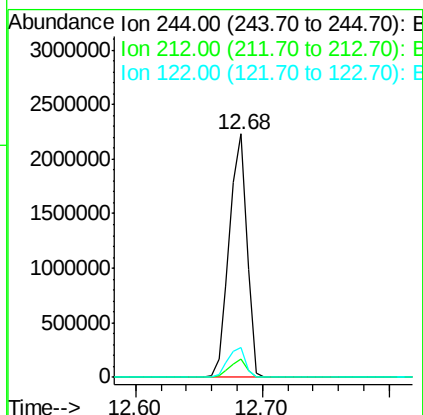
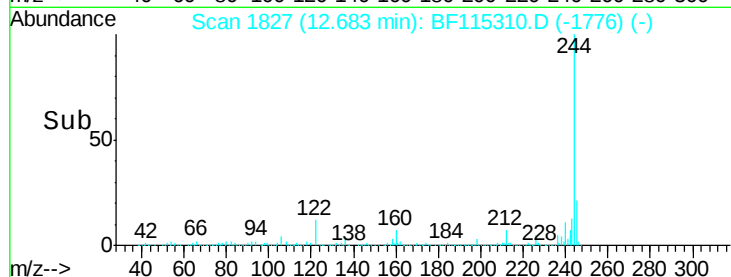
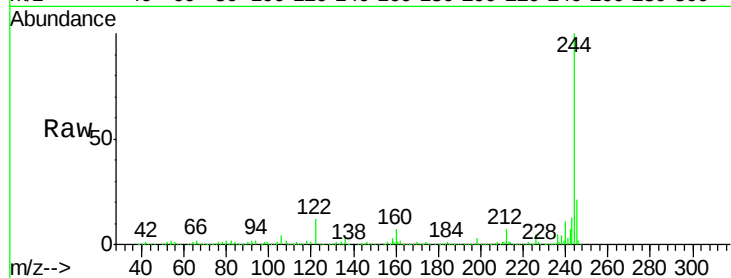
244 100

212 7.3 5.8 8.6

122 12.1 10.4 15.6

Manual Integrations  
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#80

Butylbenzylphthalate

Concen: 45.353 ng

RT: 13.16 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

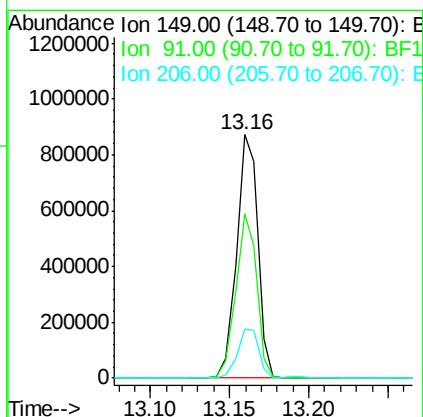
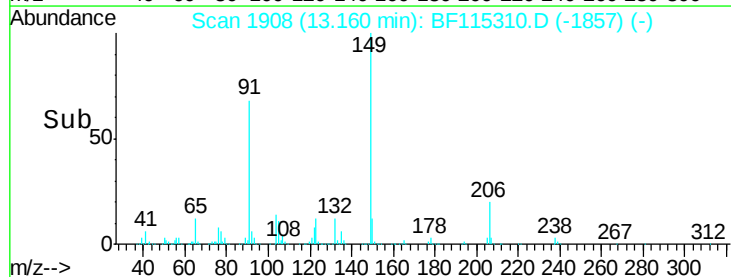
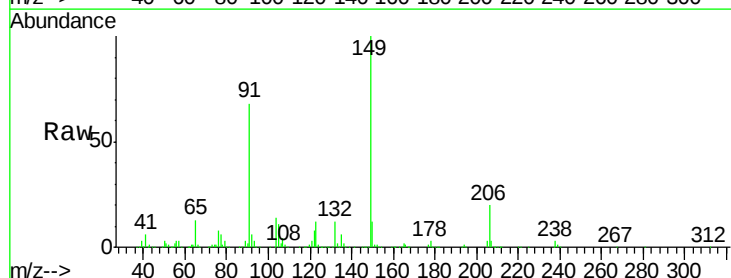
Tgt Ion:149 Resp: 804452

Ion Ratio Lower Upper

149 100

91 67.7 56.5 84.7

206 19.9 15.3 22.9





#81

Benzo(a)anthracene

Concen: 43.746 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

ClientSampleId :

PB121004BSD

Tgt Ion:228 Resp: 1641670

Ion Ratio Lower Upper

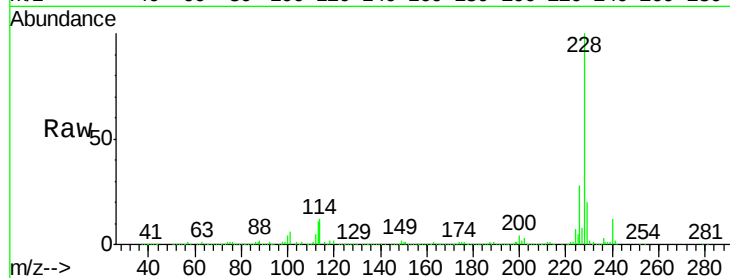
228 100

226 28.1 22.5 33.7

229 20.4 16.6 24.8

Manual Integrations  
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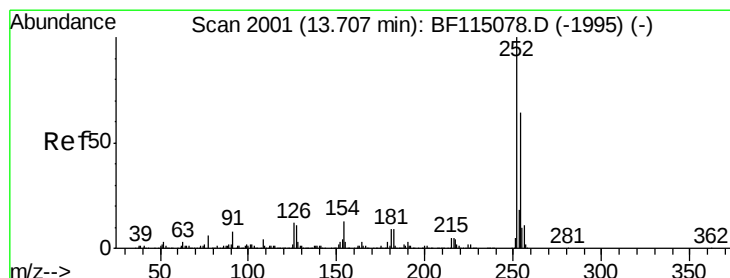
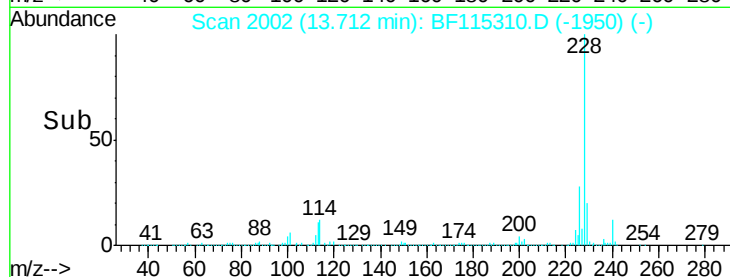
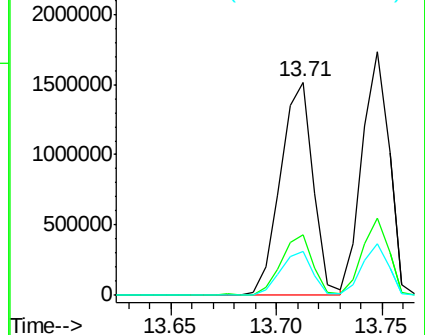
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.194 ng

RT: 13.68 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Tgt Ion:252 Resp: 463397

Ion Ratio Lower Upper

252 100

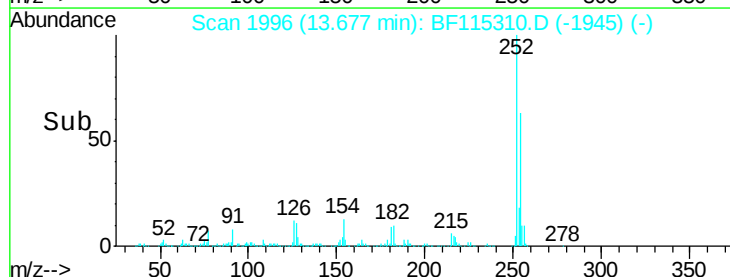
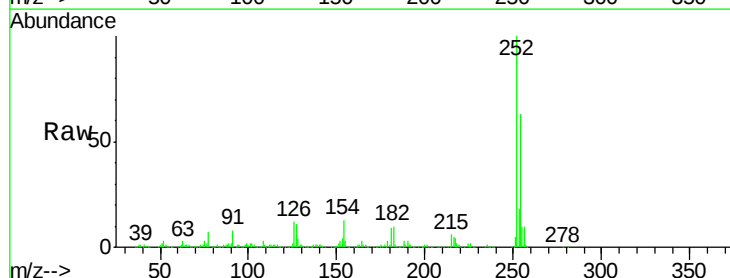
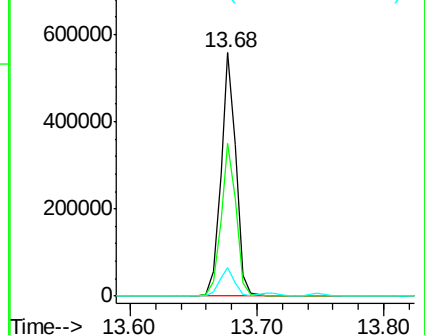
254 63.0 51.1 76.7

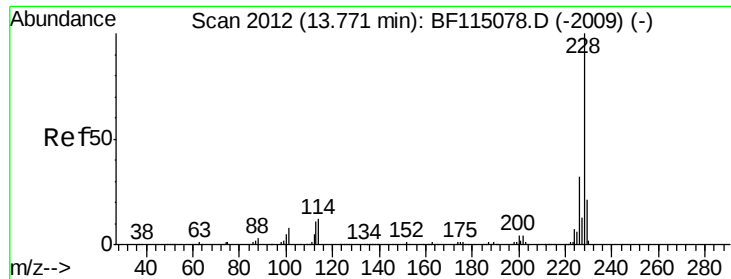
126 11.7 9.4 14.0

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





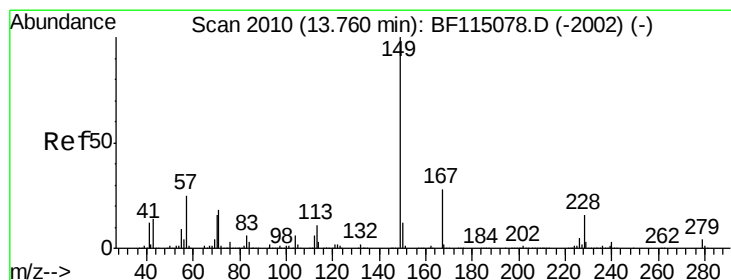
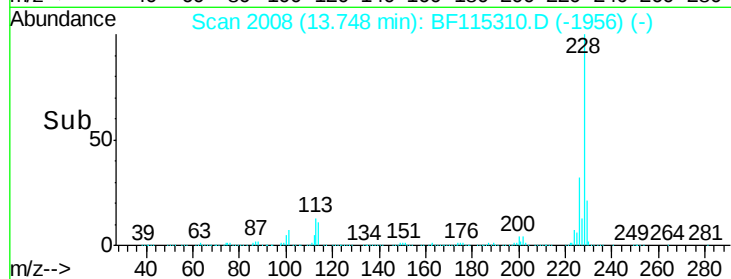
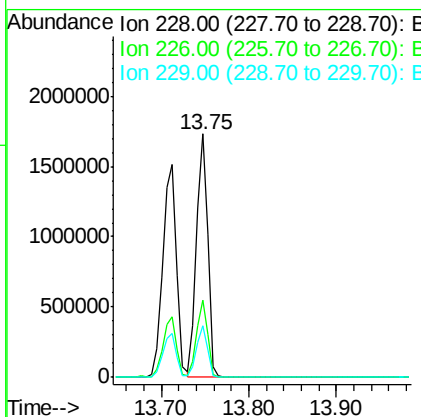
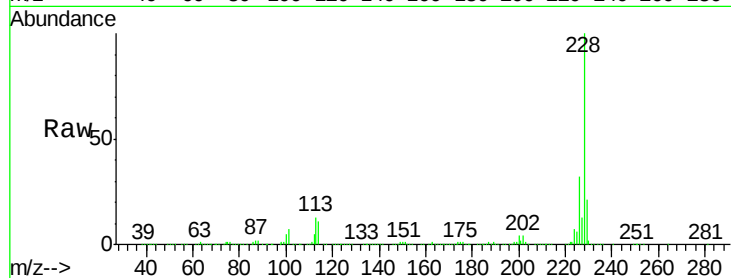
#83  
Chrysene  
Concen: 45.356 ng  
RT: 13.75 min Scan# 2008  
Delta R.T. 0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

Tgt Ion:228 Resp: 1559164  
Ion Ratio Lower Upper  
228 100  
226 31.7 25.4 38.0  
229 21.0 16.5 24.7

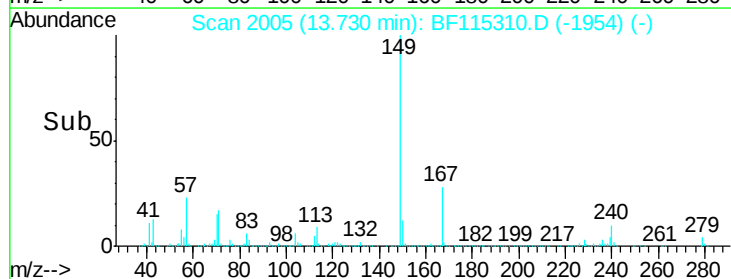
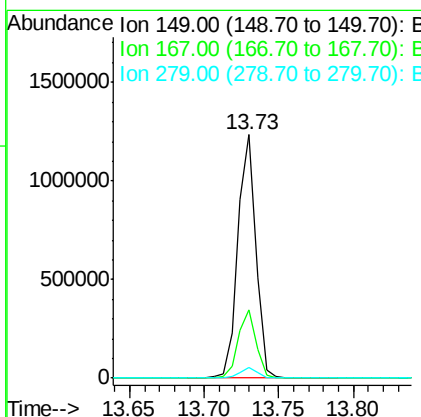
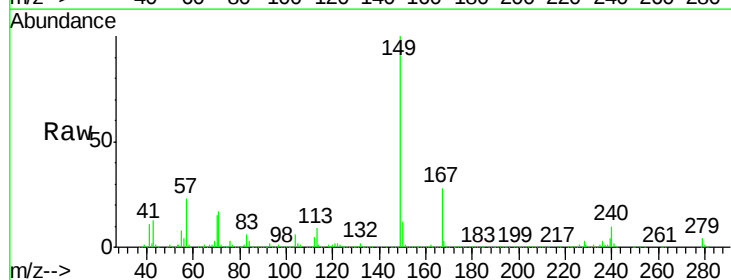
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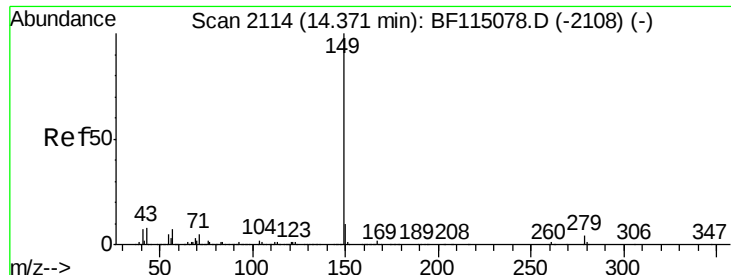
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.061 ng  
RT: 13.73 min Scan# 2005  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion:149 Resp: 1047312  
Ion Ratio Lower Upper  
149 100  
167 28.2 22.2 33.4  
279 4.3 2.9 4.3





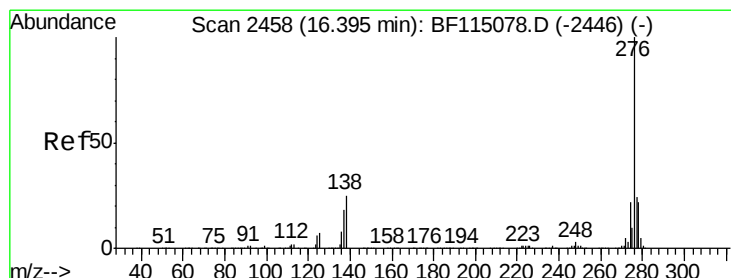
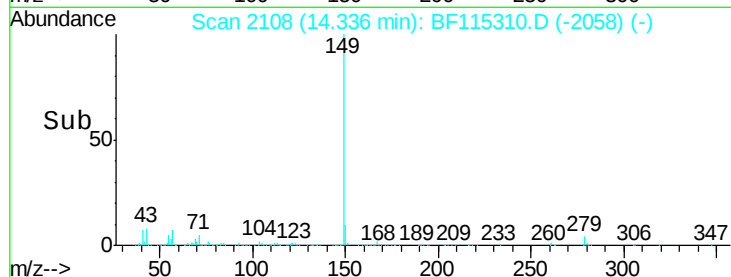
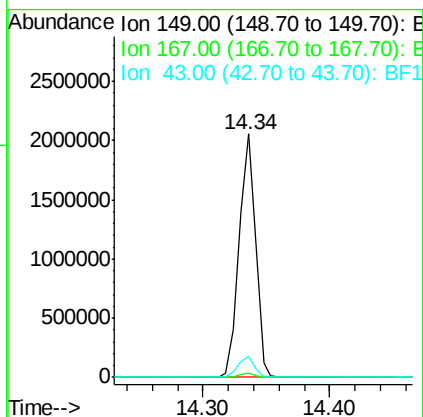
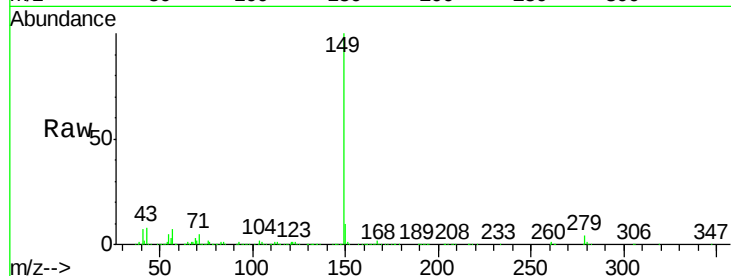
#85  
Di-n-octyl phthalate  
Concen: 46.407 ng  
RT: 14.34 min Scan# 2108  
Delta R.T. -0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 8.3   | 7.0   | 10.6  |

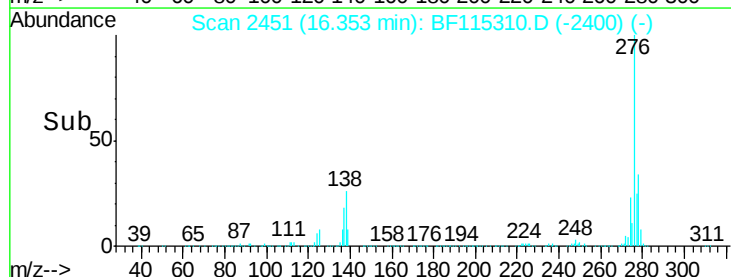
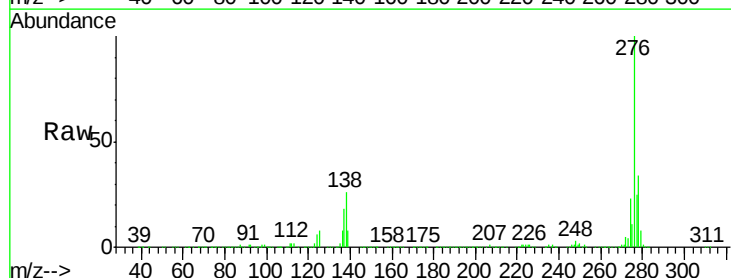
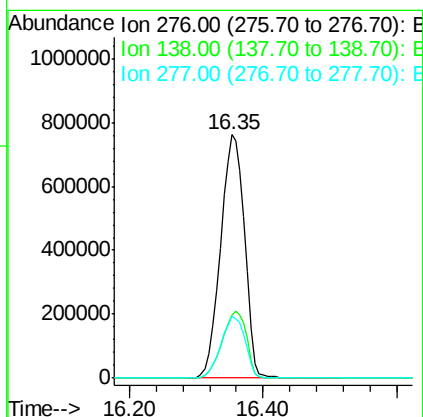
Manual Integrations  
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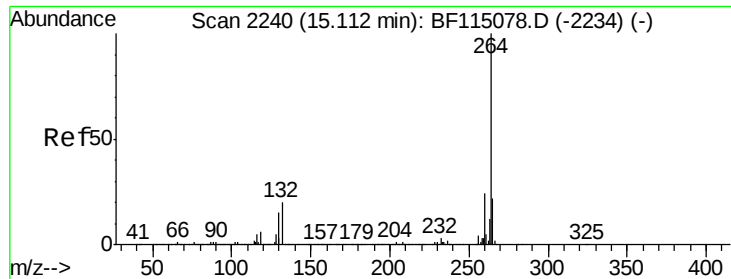
mohammad  
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 47.461 ng  
RT: 16.35 min Scan# 2451  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 28.0  | 23.2  | 34.8  |
| 277     | 25.6  | 20.1  | 30.1  |





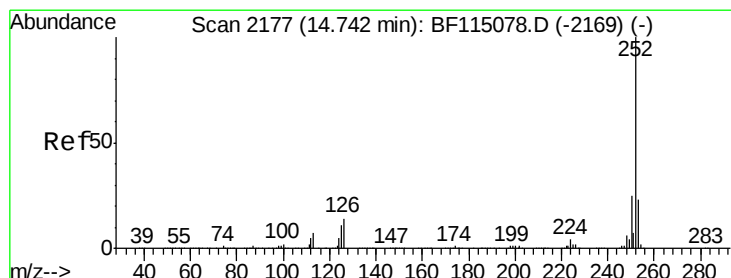
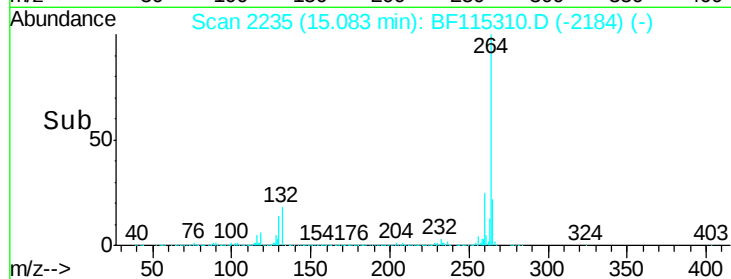
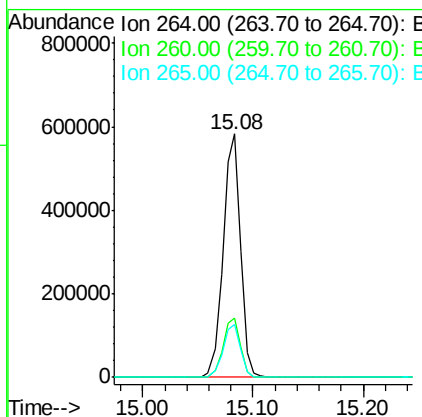
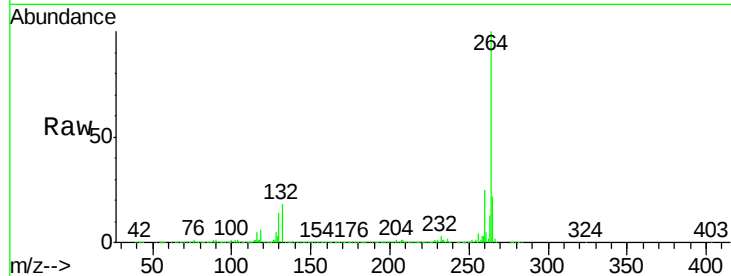
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.08 min Scan# 2235  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.6  | 29.4  |
| 265     | 21.6  | 17.3  | 25.9  |

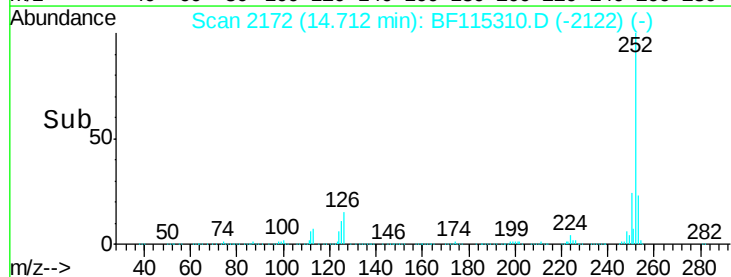
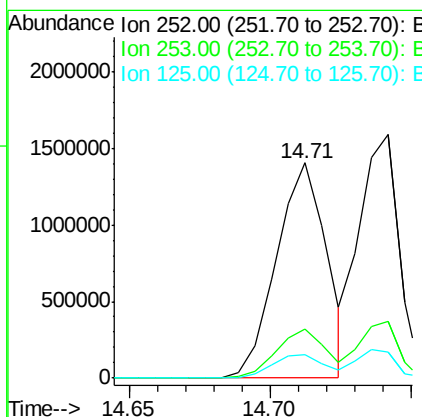
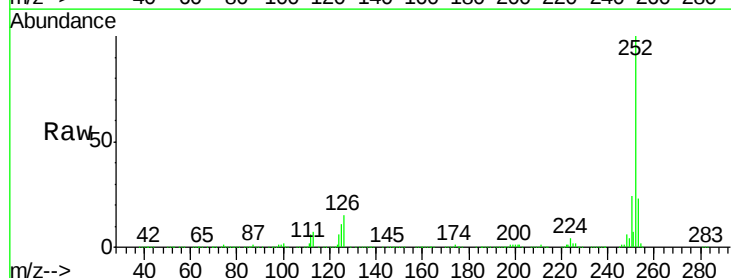
Manual Integrations  
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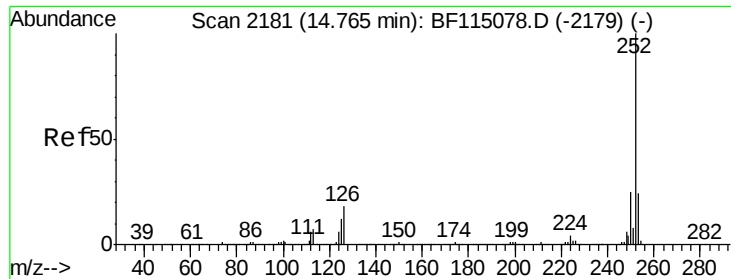
mohammad  
7/1/2019 5:58:48 PM



#88  
Benzo(b)fluoranthene  
Concen: 43.459 ng  
RT: 14.71 min Scan# 2172  
Delta R.T. -0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.1  | 27.1  |
| 125     | 11.2  | 8.7   | 13.1  |





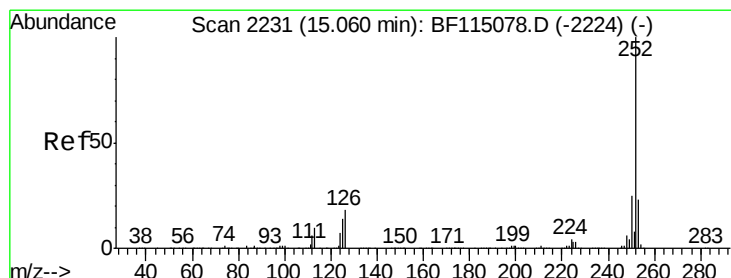
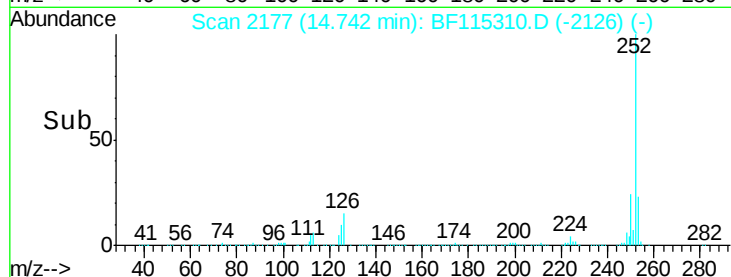
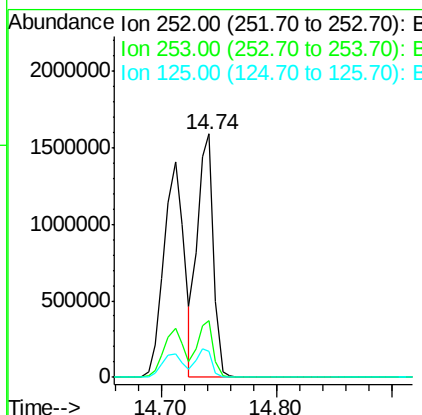
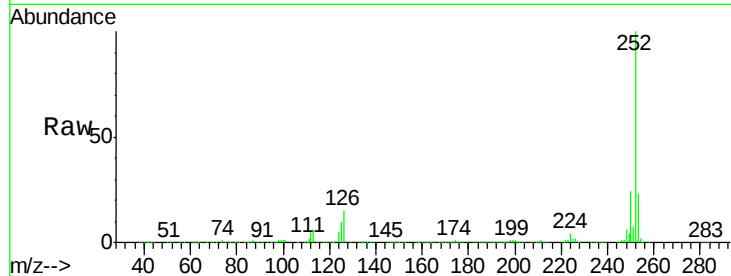
#89  
Benzo(k)fluoranthene  
Concen: 43.655 ng  
RT: 14.74 min Scan# 2177  
Delta R.T. 0.00 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB121004BSD

Tgt Ion:252 Resp: 1557223  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.9 28.3  
125 10.5 10.2 15.2

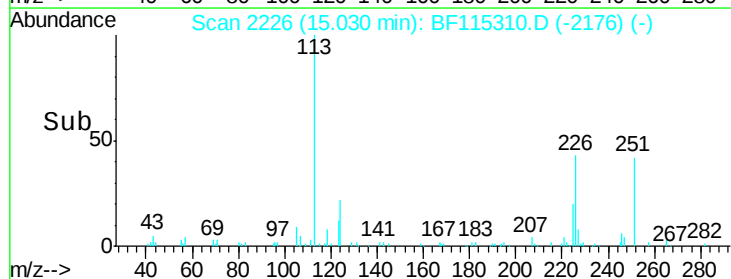
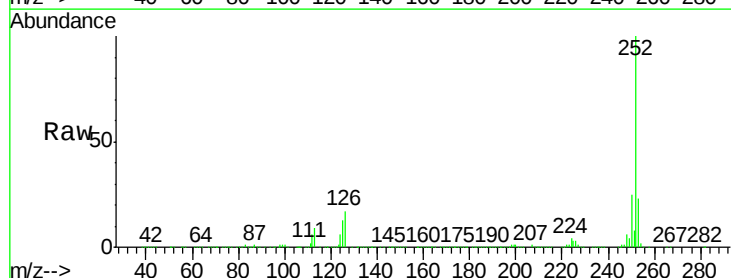
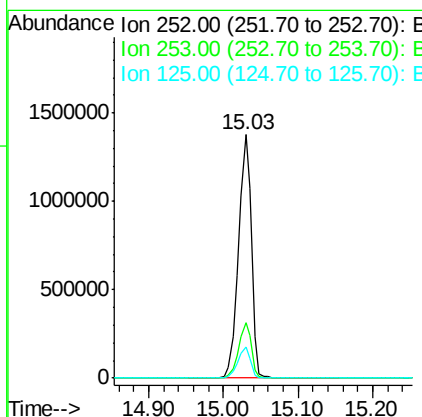
Manual Integrations  
APPROVED

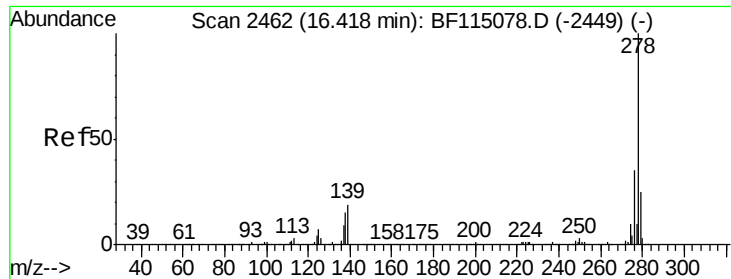
mohammad  
7/1/2019 5:58:48 PM



#90  
Benzo(a)pyrene  
Concen: 45.981 ng  
RT: 15.03 min Scan# 2226  
Delta R.T. -0.01 min  
Lab File: BF115310.D  
Acq: 29 Jun 2019 9:14

Tgt Ion:252 Resp: 1648486  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.3 27.5  
125 12.7 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 47.235 ng

RT: 16.37 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

Instrument :

BNA\_F

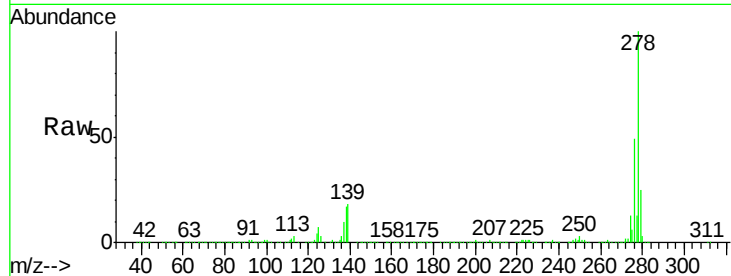
ClientSampleId :

PB121004BSD

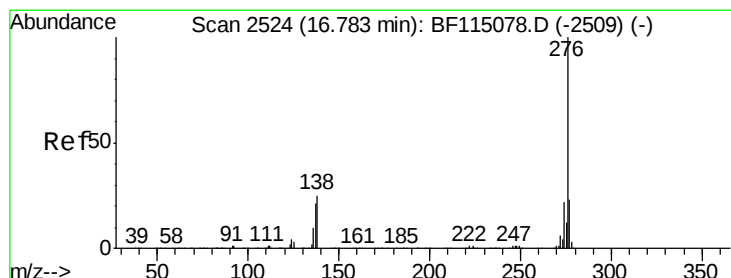
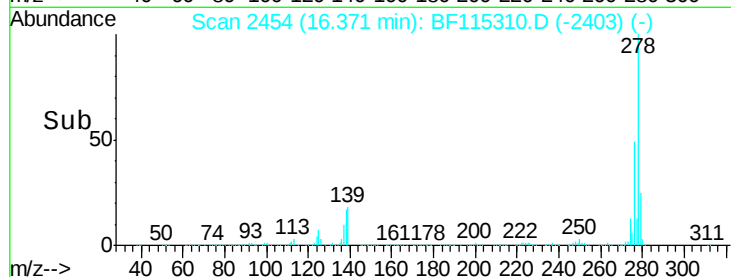
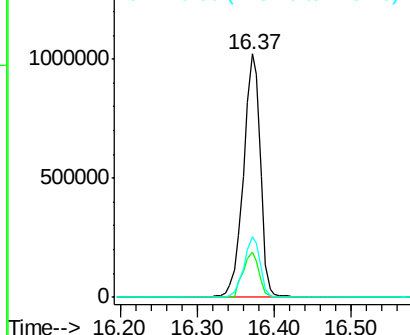
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 278   | Resp: | 1580927 |
| Ion      | Ratio | Lower | Upper   |
| 278      | 100   |       |         |
| 139      | 18.3  | 15.4  | 23.2    |
| 279      | 24.9  | 19.9  | 29.9    |

Manual Integrations  
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7/1/2019 5:58:48 PM



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: 48.299 ng

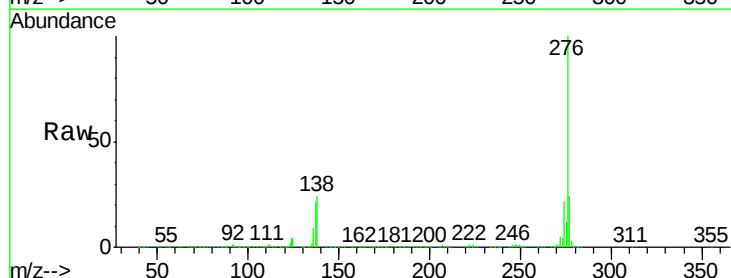
RT: 16.74 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BF115310.D

Acq: 29 Jun 2019 9:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 276   | Resp: | 1636130 |
| Ion      | Ratio | Lower | Upper   |
| 276      | 100   |       |         |
| 277      | 24.0  | 18.6  | 28.0    |
| 138      | 24.4  | 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

