

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\  
 Data File : BF117137.D  
 Acq On : 18 Sep 2019 10:15  
 Operator : HP/JU  
 Sample : PB123129BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

Manual Integrations  
 APPROVED

Jagrut  
 9/19/2019 10:42:02 AM

Quant Time: Sep 18 13:32:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.82  | 152  | 72167    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 299823   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 155097   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.33 | 188  | 245575   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 155042   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.42 | 264  | 115302   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 470980 | 101.89 | ng | 0.02 |
| 7) Phenol-d6             | 6.47  | 99  | 613746 | 102.74 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 369719 | 64.79  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 141250 | 108.97 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 655760 | 66.11  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.91 | 244 | 594345 | 71.66  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.66 | 88  | 75170  | 38.863 | ng | 98     |
| 3) Pyridine                    | 3.40 | 79  | 173958 | 32.858 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 66154  | 36.412 | ng | 100    |
| 6) Aniline                     | 6.49 | 93  | 233727 | 30.389 | ng | # 88   |
| 8) 2-Chlorophenol              | 6.62 | 128 | 206474 | 41.405 | ng | 96     |
| 9) Benzaldehyde                | 6.37 | 77  | 126707 | 43.206 | ng | 98     |
| 10) Phenol                     | 6.48 | 94  | 260582 | 39.568 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 191907 | 39.649 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 215949 | 38.592 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 224344 | 39.286 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 206475 | 38.835 | ng | 97     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 186270 | 40.661 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 183470 | 38.367 | ng | 90     |
| 17) 2-Methylphenol             | 7.08 | 107 | 169206 | 40.487 | ng | 95     |
| 18) Hexachloroethane           | 7.33 | 117 | 84838  | 38.618 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 150012 | 41.239 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 212182 | 40.759 | ng | 96     |
| 22) Acetophenone               | 7.23 | 105 | 301619 | 39.595 | ng | 98     |
| 24) Nitrobenzene               | 7.40 | 77  | 225578 | 40.030 | ng | 98     |
| 25) Isophorone                 | 7.65 | 82  | 411081 | 40.687 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 105809 | 43.713 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 180568 | 47.042 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 243396 | 39.101 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 167991 | 41.768 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 167810 | 38.619 | ng | 98     |
| 31) Naphthalene                | 8.13 | 128 | 584984 | 40.569 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 86461  | 32.327 | ng | 98     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 156488 | 24.468 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 95242  | 38.634 | ng | 98     |
| 35) Caprolactam                | 8.55 | 113 | 51977m | 38.181 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 193284 | 41.215 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 400184 | 41.213 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.92 | 142 | 380236 | 41.811 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 157761 | 39.391 | ng | 98     |

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Manual Integrations  
 APPROVED

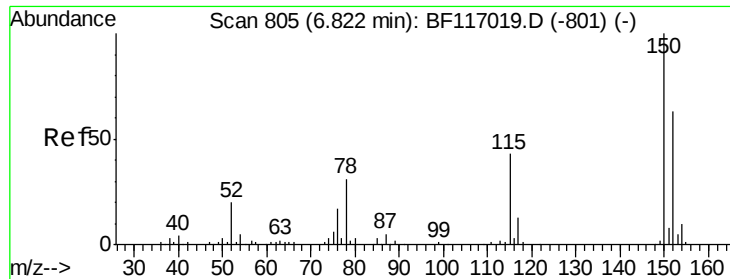
Jagrut  
 9/19/2019 10:42:02 AM

Quant Time: Sep 18 13:32:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 135929   | 77.098 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 109171   | 40.167 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.14  | 196  | 118698   | 40.876 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 473559   | 38.925 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 365131   | 38.029 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 118274   | 38.405 | nq    | 96       |
| 49) Acenaphthylene             | 9.72  | 152  | 583848   | 40.592 | nq    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 428446   | 39.015 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 94028    | 42.040 | nq    | 94       |
| 52) Acenaphthene               | 9.89  | 154  | 332940   | 39.049 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.81  | 138  | 77262    | 27.379 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 71040    | 74.297 | nq    | 97       |
| 55) Dibenzofuran               | 10.06 | 168  | 507160   | 40.315 | nq    | 97       |
| 56) 4-Nitrophenol              | 9.98  | 139  | 126628   | 69.236 | nq    | 96       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 126124   | 43.442 | nq    | 97       |
| 58) Fluorene                   | 10.40 | 166  | 409468   | 40.407 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 88564m   | 39.855 | nq    |          |
| 60) Diethylphthalate           | 10.27 | 149  | 430415   | 39.838 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 179030   | 40.833 | nq    | 97       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 110393   | 37.617 | nq    | 97       |
| 63) Azobenzene                 | 10.55 | 77   | 442994   | 40.146 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 50356    | 45.434 | nq    | 89       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 358651   | 42.288 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 103421   | 41.238 | nq    | 93       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 109581   | 39.949 | nq    | 94       |
| 69) Atrazine                   | 11.03 | 200  | 98269    | 47.176 | nq    | 99       |
| 70) Pentachlorophenol          | 11.15 | 266  | 102162   | 79.454 | nq    | 99       |
| 71) Phenanthrene               | 11.36 | 178  | 566477   | 40.612 | nq    | 100      |
| 72) Anthracene                 | 11.42 | 178  | 587504   | 41.256 | nq    | 97       |
| 73) Carbazole                  | 11.57 | 167  | 550000   | 40.689 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 665445   | 41.377 | nq    | 99       |
| 75) Fluoranthene               | 12.54 | 202  | 558478   | 38.967 | nq    | 99       |
| 77) Benzidine                  | 12.66 | 184  | 207492   | 41.546 | nq    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 561916   | 43.194 | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.38 | 149  | 257687   | 41.920 | nq    | 98       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 406558   | 39.249 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 100231   | 30.027 | nq    | 96       |
| 83) Chrysene                   | 14.00 | 228  | 405572   | 40.144 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 343968   | 43.399 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.54 | 149  | 525200   | 42.102 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 294314   | 39.930 | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 313485   | 44.885 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 303195   | 45.827 | nq    | 100      |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 287894   | 46.974 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 248582   | 50.914 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 234316   | 48.161 | nq    | 97       |

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





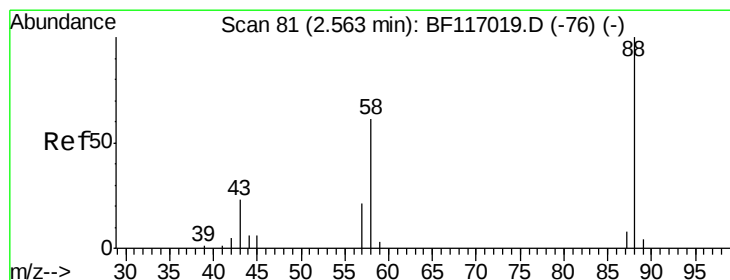
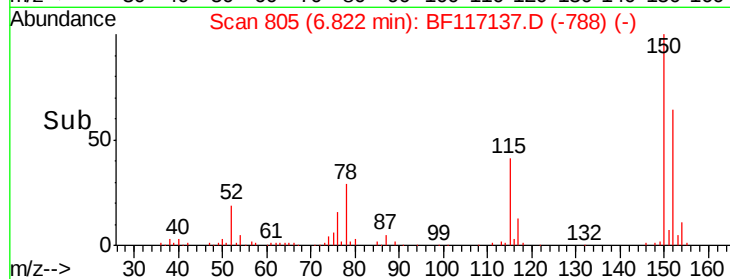
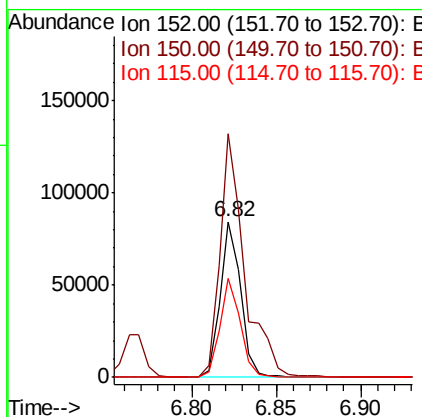
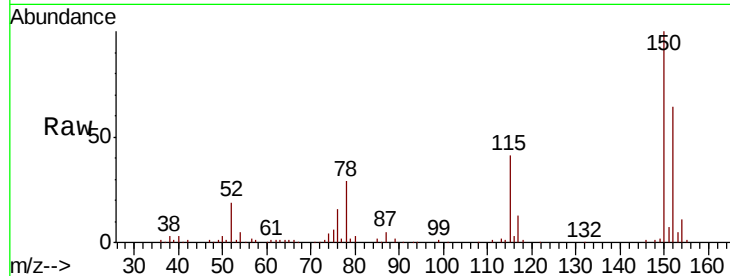
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
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 PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 127.5 | 191.3 |
| 115     | 63.7  | 55.0  | 82.4  |

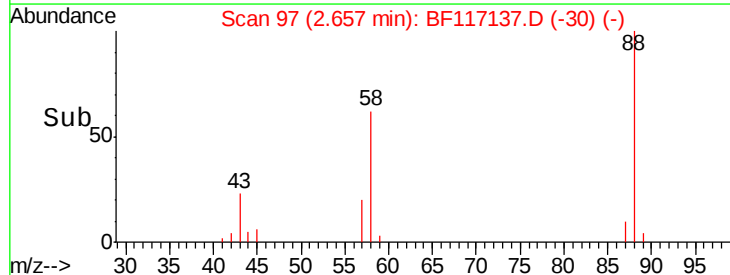
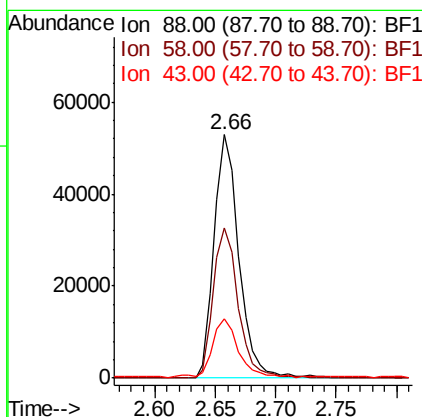
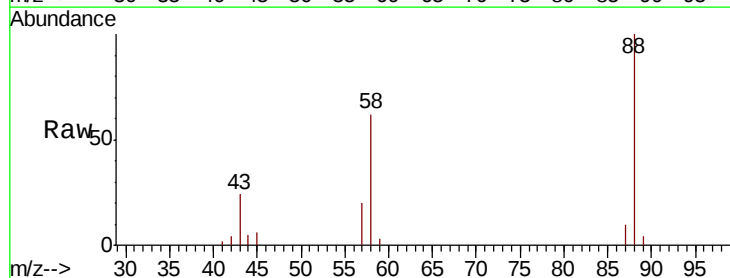
Manual Integrations  
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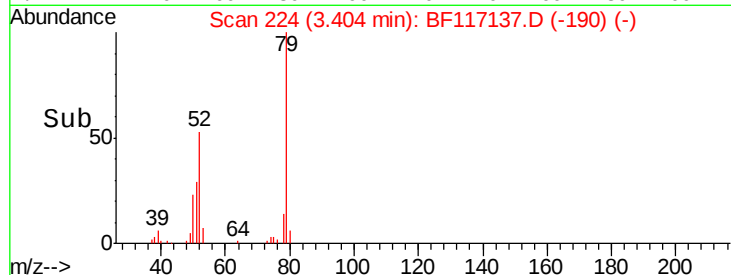
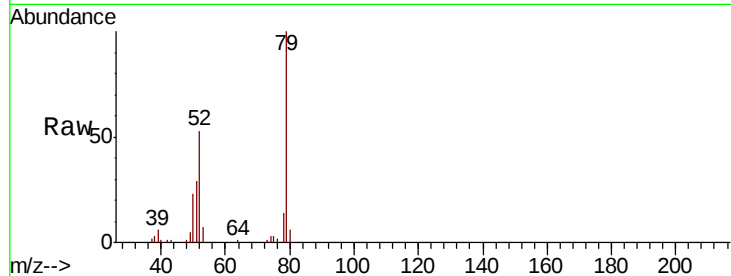
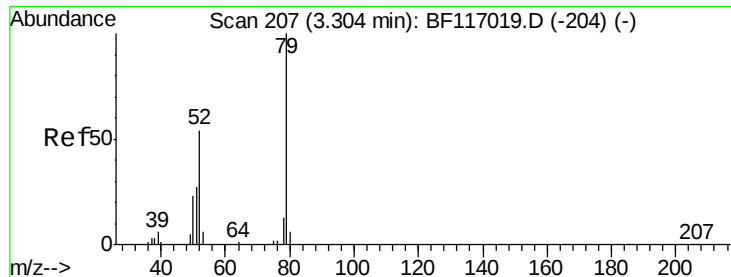
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 9/19/2019 10:42:02 AM



#2  
 1,4-Dioxane  
 Concen: 38.863 ng  
 RT: 2.66 min Scan# 97  
 Delta R.T. 0.09 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 61.8  | 49.3  | 73.9  |
| 43      | 26.4  | 18.8  | 28.2  |





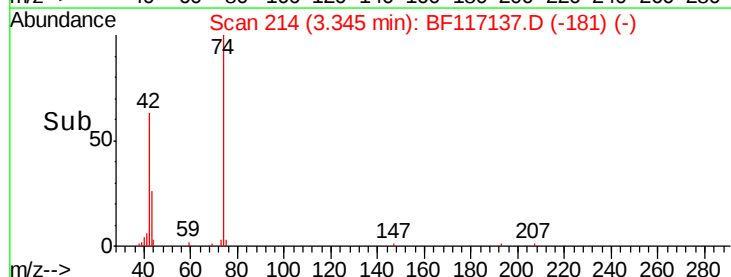
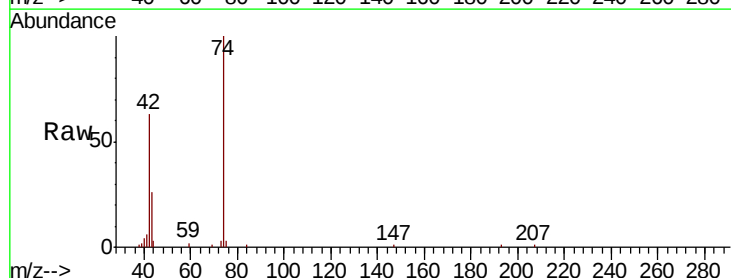
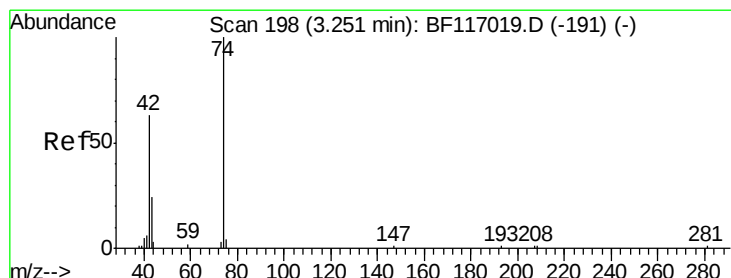
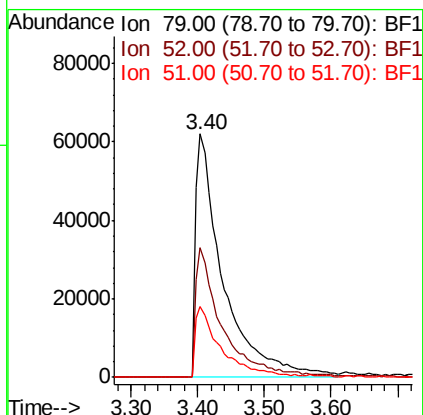
#3  
 Pvridine  
 Concen: 32.858 ng  
 RT: 3.40 min Scan# 224  
 Delta R.T. 0.10 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 173958 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 53.2  | 43.5  | 65.3   |
| 51        | 29.0  | 21.8  | 32.6   |

Instrument :  
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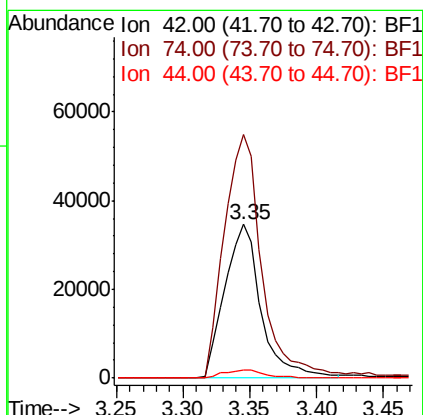
Manual Integrations  
 APPROVED

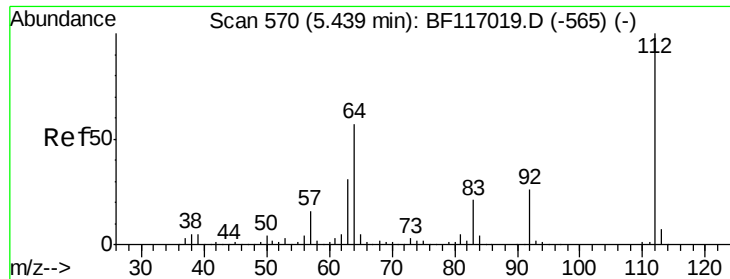
Jagrut  
 9/19/2019 10:42:02 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 36.412 ng  
 RT: 3.35 min Scan# 214  
 Delta R.T. 0.09 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 66154 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 158.2 | 127.1 | 190.7 |
| 44        | 5.5   | 4.3   | 6.5   |





#5

2-Fluorophenol

Concen: 101.891 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

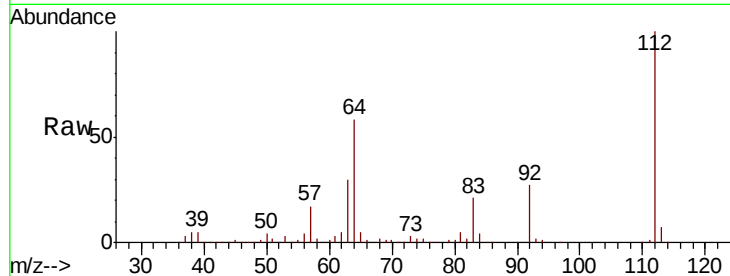
PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 470980 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 57.9  | 45.7  | 68.5   |
| 63        | 30.4  | 24.9  | 37.3   |

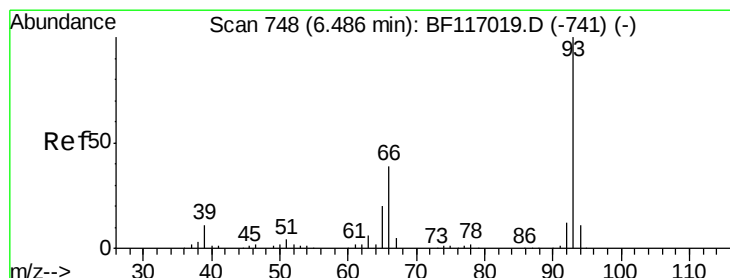
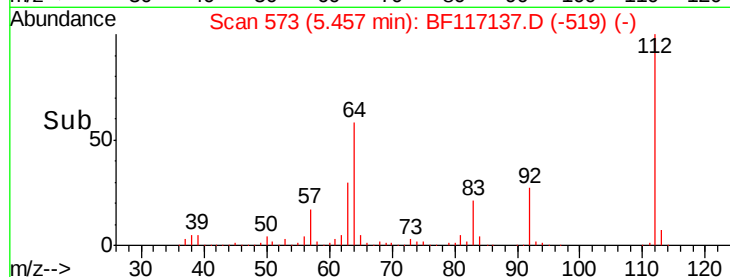
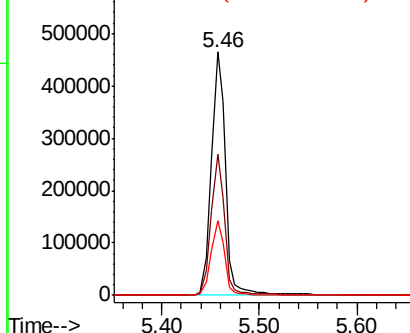
Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.389 ng

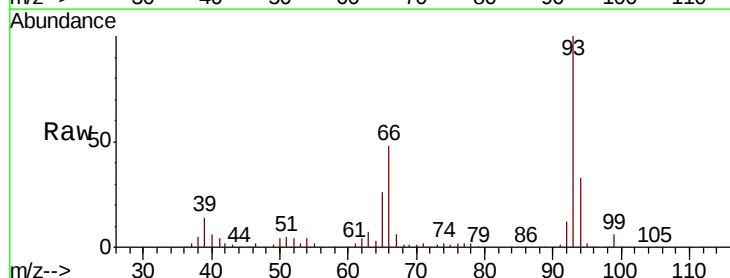
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

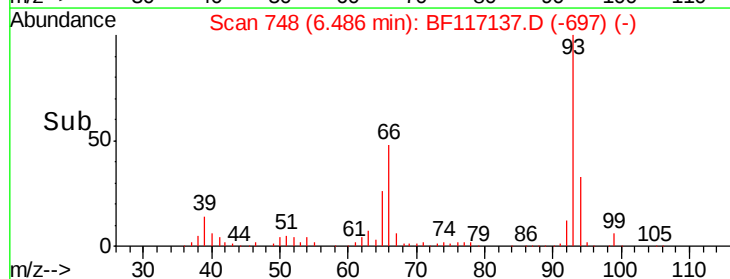
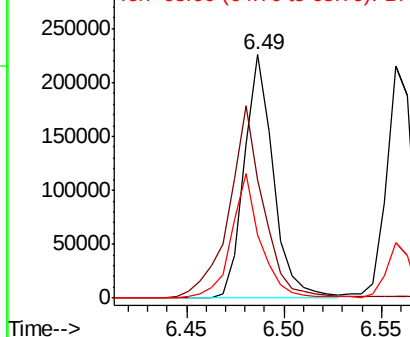
Lab File: BF117137.D

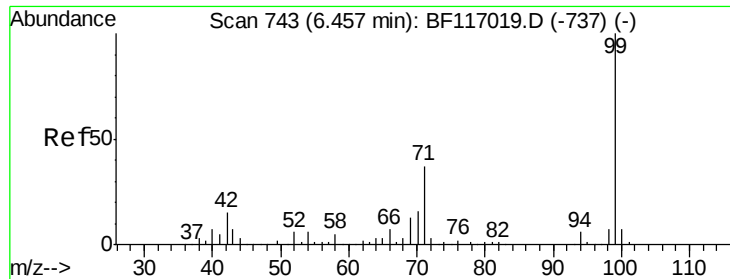
Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 233727 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 48.3  | 32.6  | 49.0   |
| 65        | 25.8  | 16.7  | 25.1#  |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.740 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

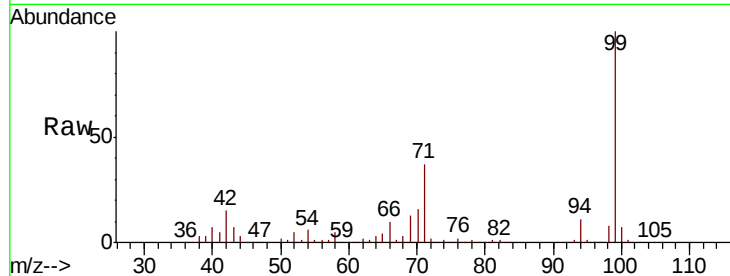
PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 613746 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 15.1  | 12.2  | 18.2   |
| 71        | 37.0  | 29.8  | 44.8   |

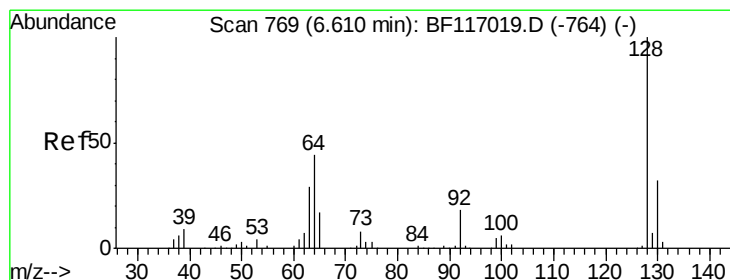
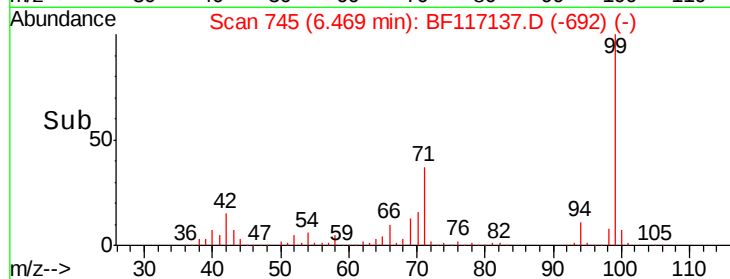
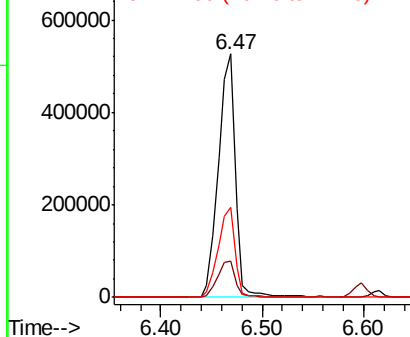
Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.405 ng

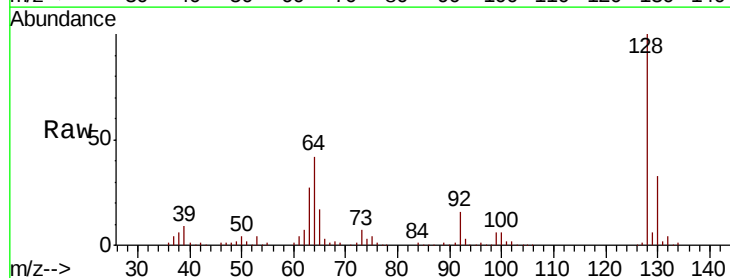
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

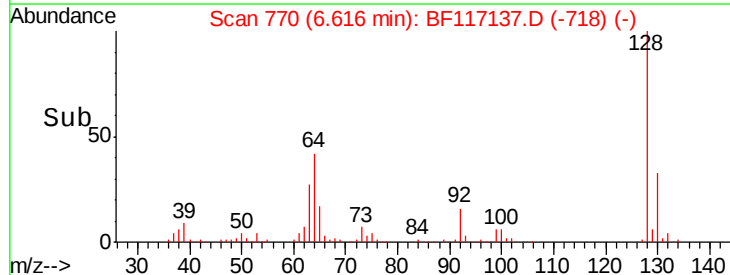
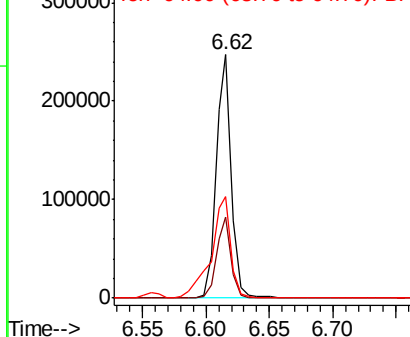
Lab File: BF117137.D

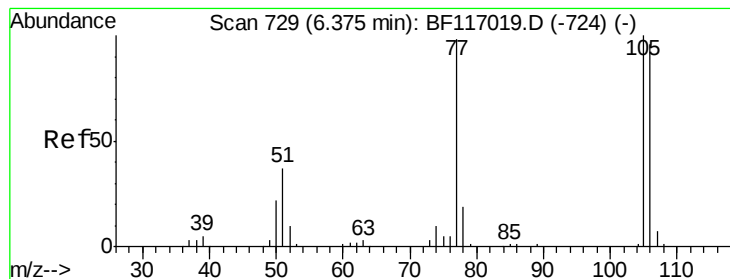
Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 206474 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.3  | 11.8  | 51.8   |
| 64        | 41.8  | 25.0  | 65.0   |



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





#9

Benzaldehyde

Concen: 43.206 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

PB123129BS

Tot Ion: 77 Resp: 126707

Ion Ratio Lower Upper

77 100

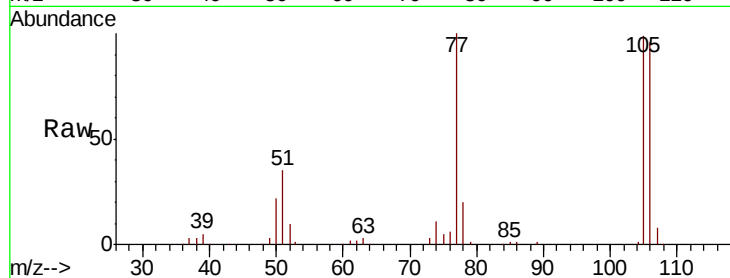
105 99.0 81.8 121.8

106 95.9 77.3 117.3

Manual Integrations  
APPROVED

Jagrut

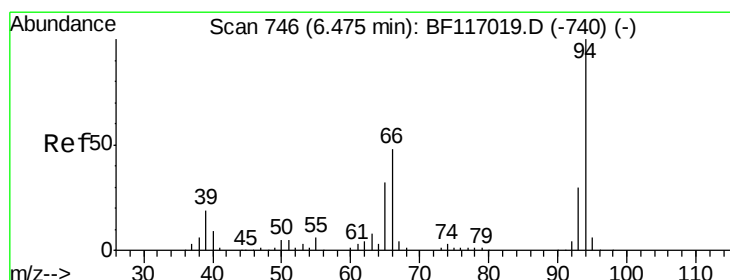
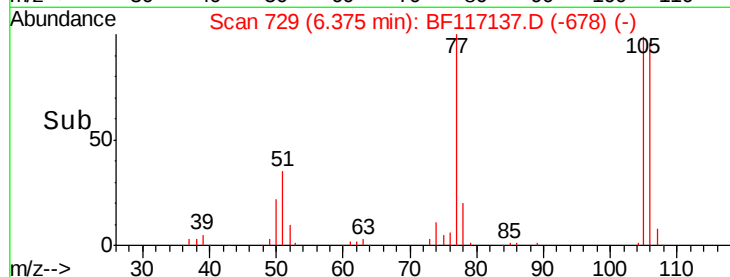
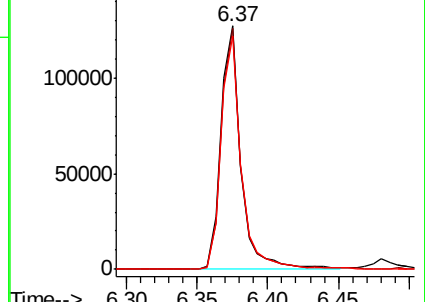
9/19/2019 10:42:02 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.568 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

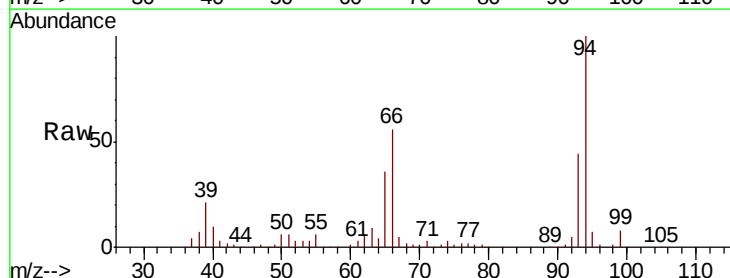
Tgt Ion: 94 Resp: 260582

Ion Ratio Lower Upper

94 100

65 36.2 12.5 52.5

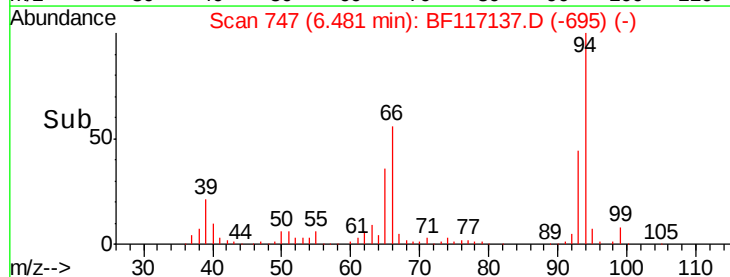
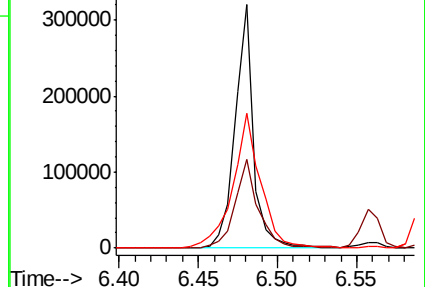
66 55.6 28.9 68.9

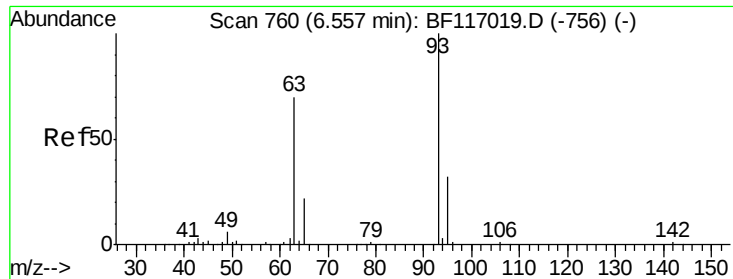


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





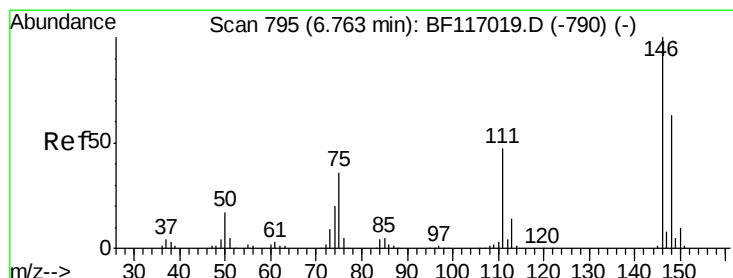
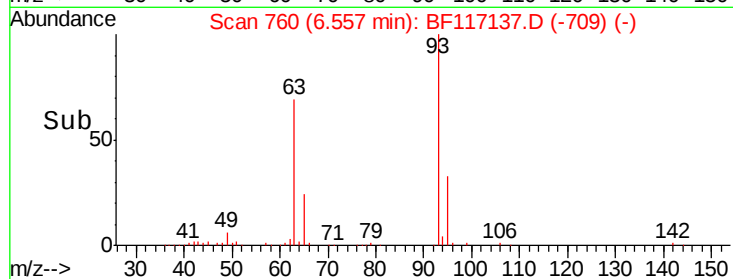
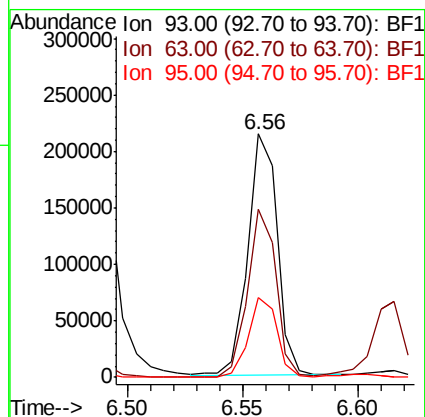
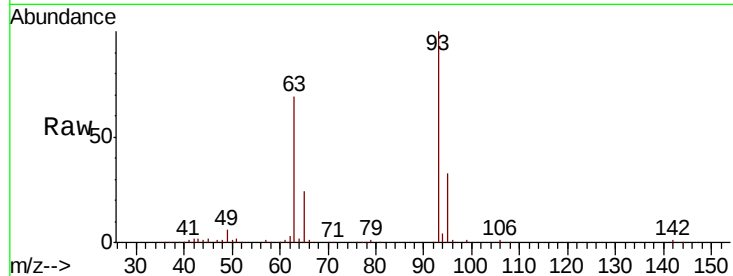
#11  
bis(2-Chloroethyl)ether  
Concen: 39.649 ng  
RT: 6.56 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 191907 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 69.2  | 49.3  | 89.3   |
| 95        | 32.8  | 11.5  | 51.5   |

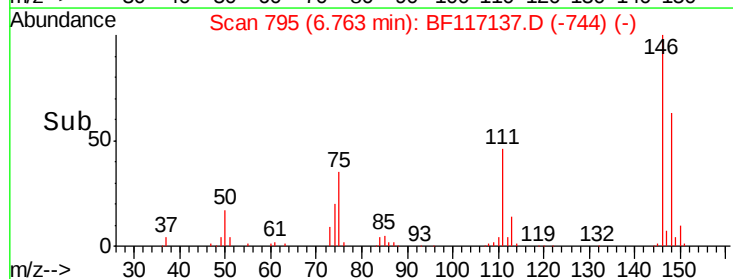
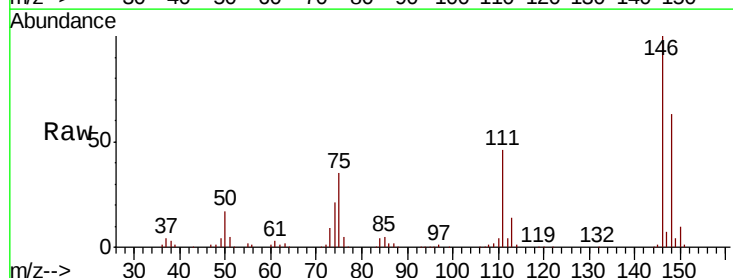
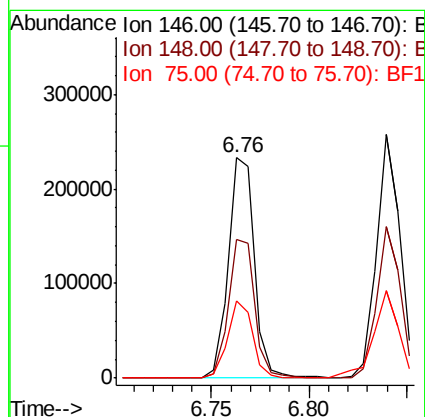
Manual Integrations  
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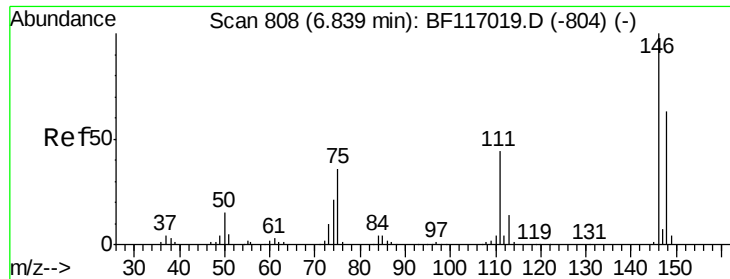
Jagrut  
9/19/2019 10:42:02 AM



#12  
1,3-Dichlorobenzene  
Concen: 38.592 ng  
RT: 6.76 min Scan# 795  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 215949 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.8  | 50.8  | 76.2   |
| 75        | 35.1  | 28.7  | 43.1   |





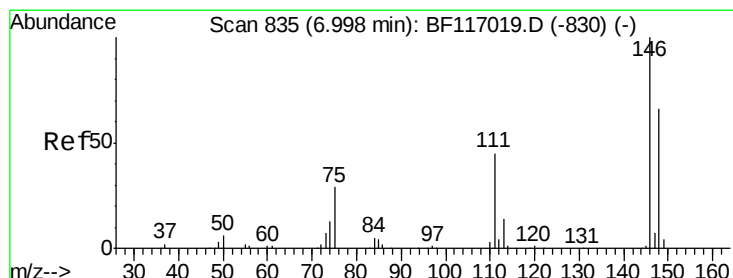
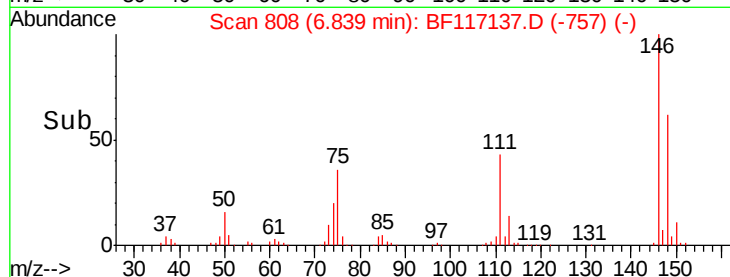
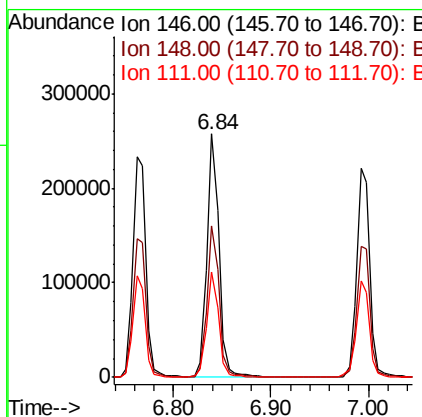
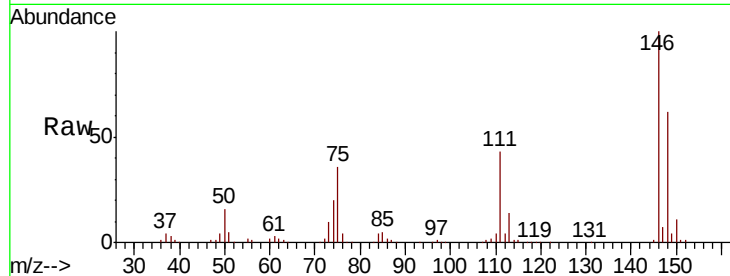
#13  
 1,4-Dichlorobenzene  
 Concen: 39.286 ng  
 RT: 6.84 min Scan# 808  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 50.6  | 76.0  |
| 111     | 43.3  | 35.0  | 52.6  |

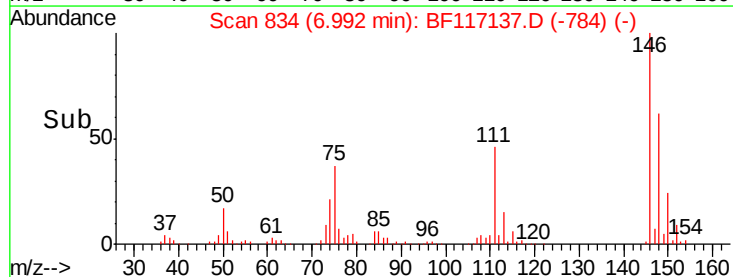
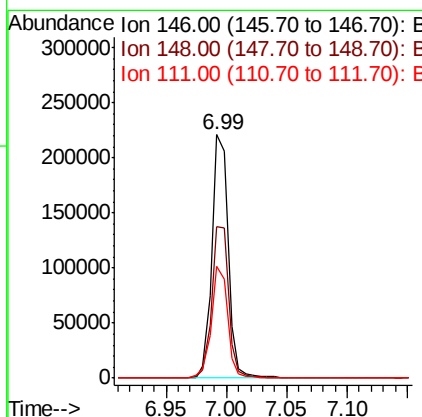
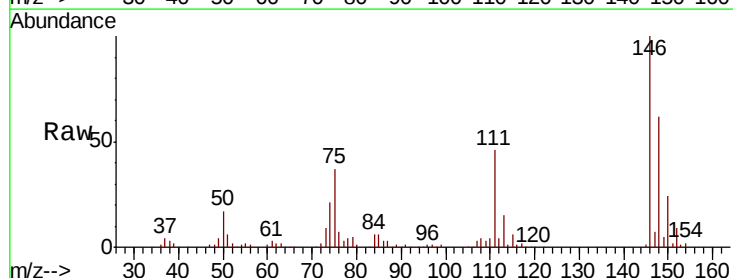
Manual Integrations  
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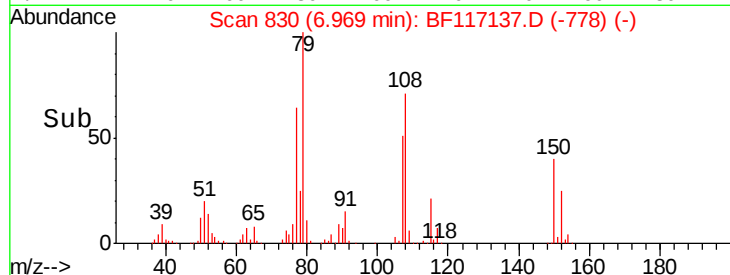
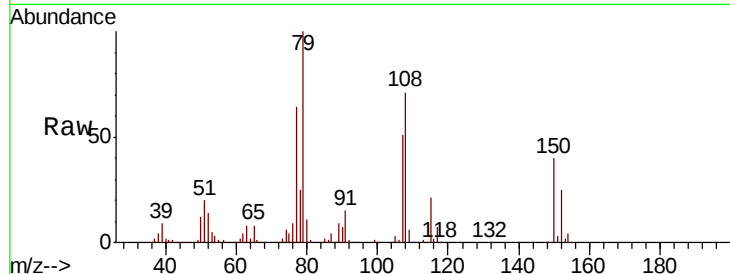
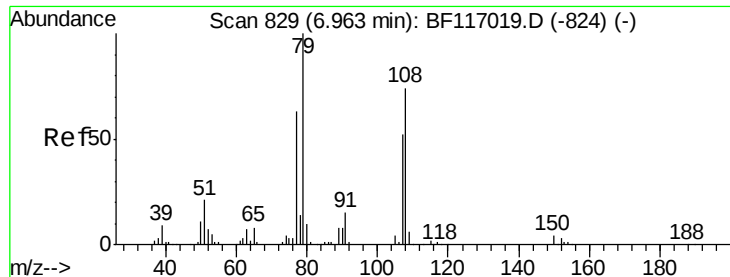
Jagrut  
 9/19/2019 10:42:02 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 38.835 ng  
 RT: 6.99 min Scan# 834  
 Delta R.T. -0.01 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 52.6  | 78.8  |
| 111     | 46.2  | 36.2  | 54.2  |





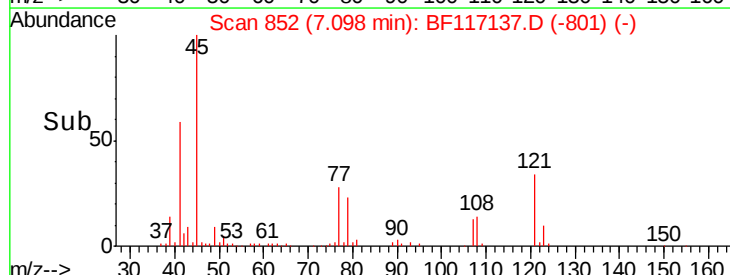
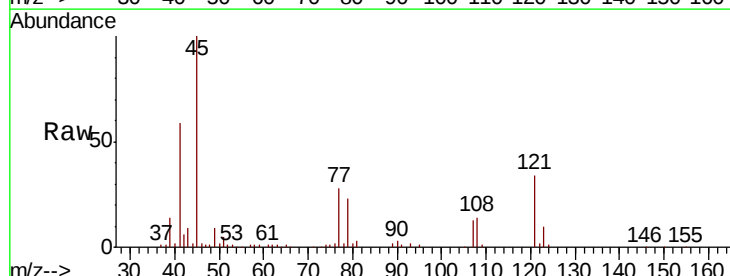
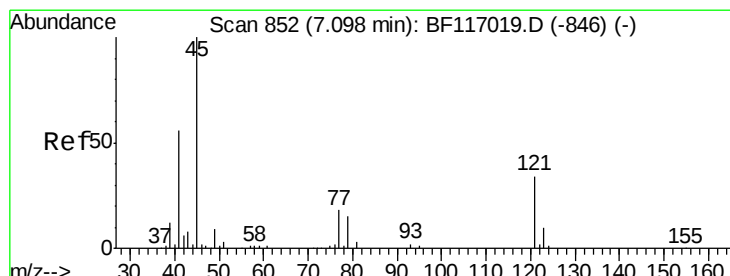
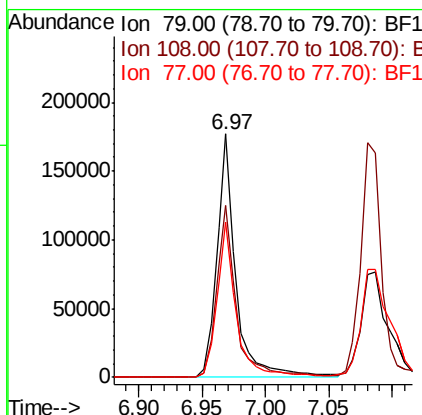
#15  
Benzyl Alcohol  
Concen: 40.661 ng  
RT: 6.97 min Scan# 830  
Delta R.T. 0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 186270 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 70.9  | 59.4  | 89.0   |
| 77        | 63.6  | 50.2  | 75.2   |

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

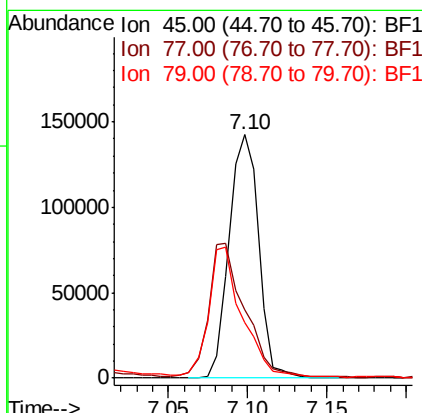
Manual Integrations  
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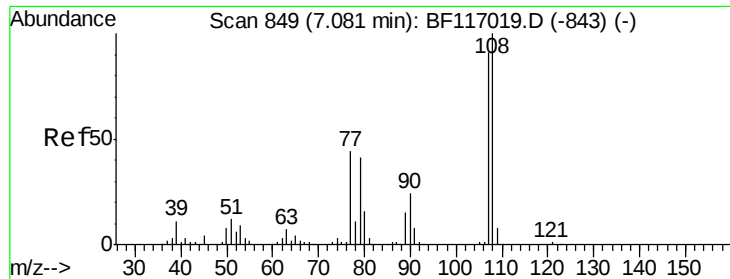
Jagrut  
9/19/2019 10:42:02 AM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.367 ng  
RT: 7.10 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 183470 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 28.3  | 2.7   | 42.7   |
| 79        | 22.8  | 0.0   | 38.9   |





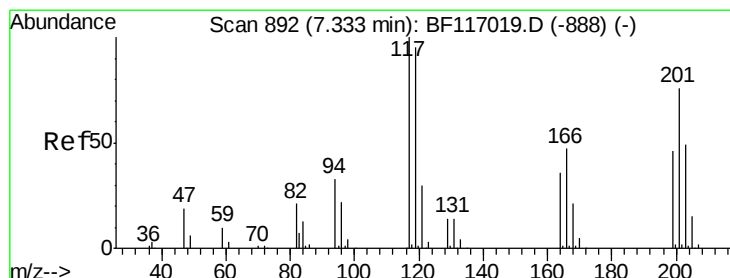
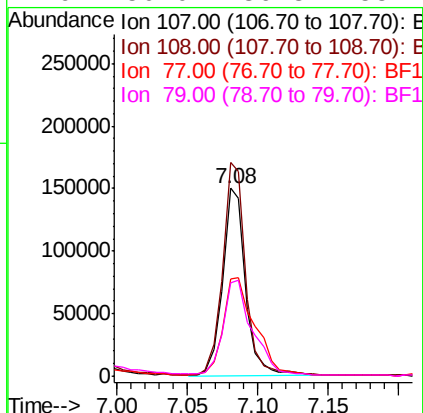
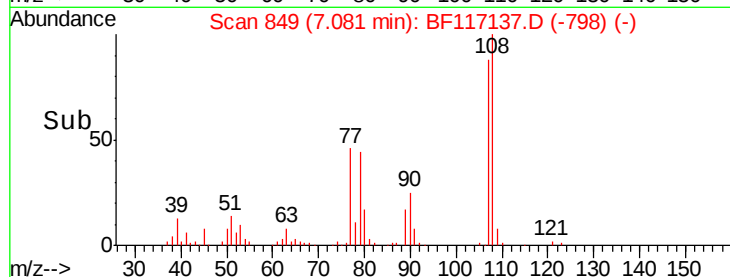
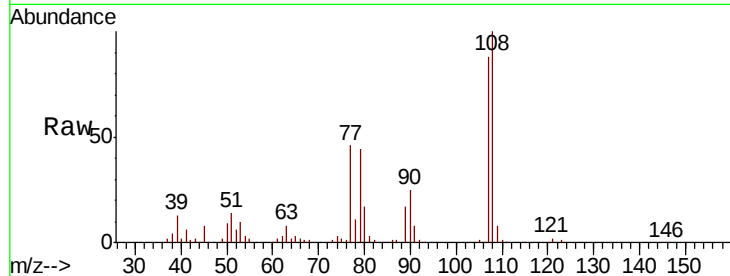
#17  
2-Methylphenol  
Concen: 40.487 ng  
RT: 7.08 min Scan# 849  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampled :  
PB123129BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.9 | 87.7 | 131.5 |       |
| 77      | 52.1  | 38.6 | 58.0  |       |
| 79      | 50.0  | 36.8 | 55.2  |       |

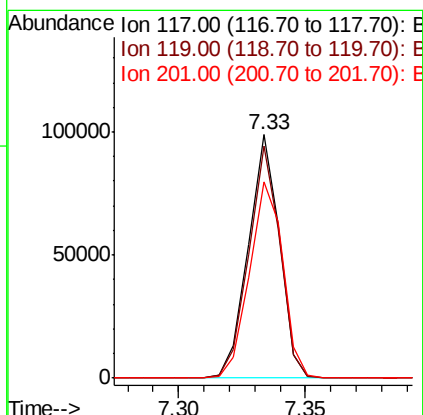
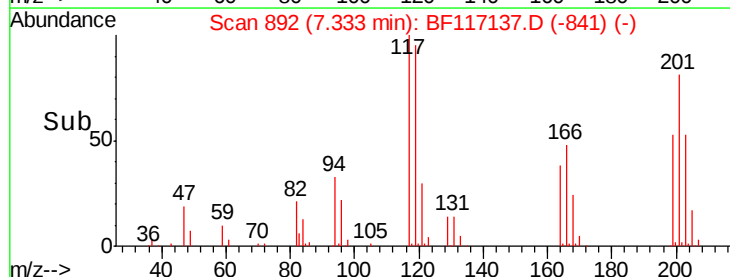
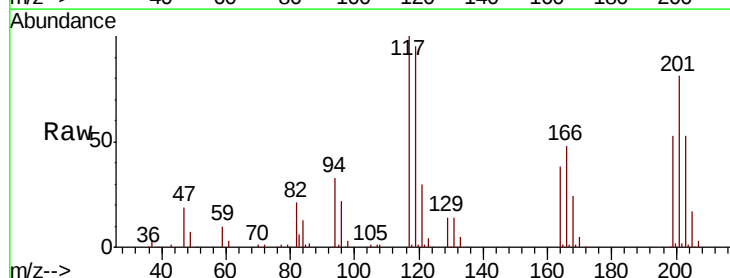
Manual Integrations  
APPROVED

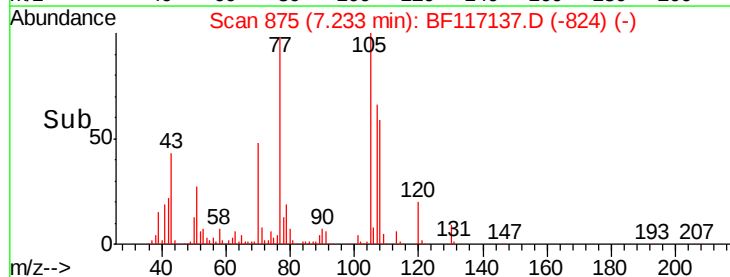
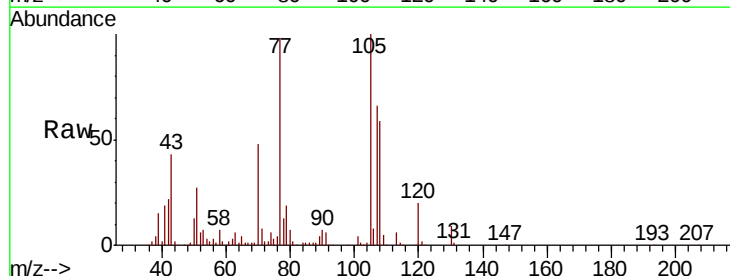
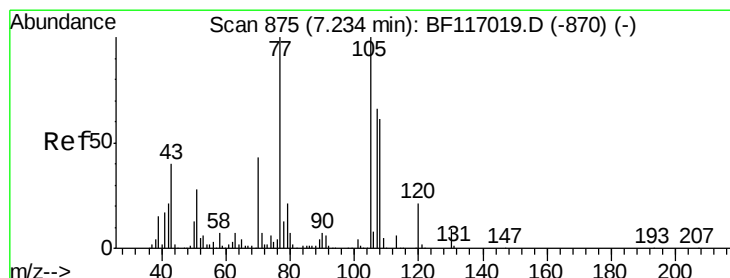
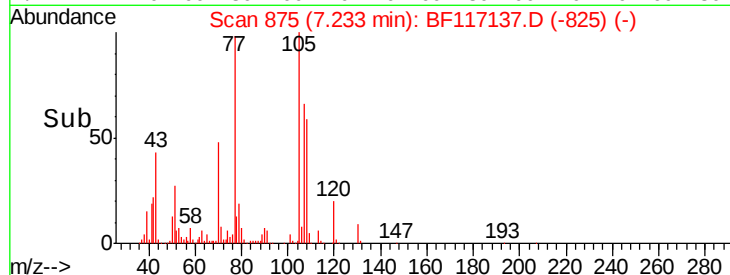
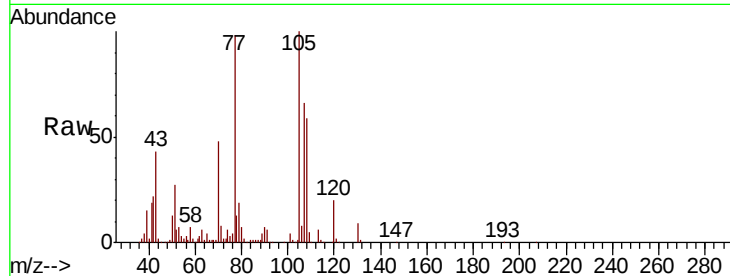
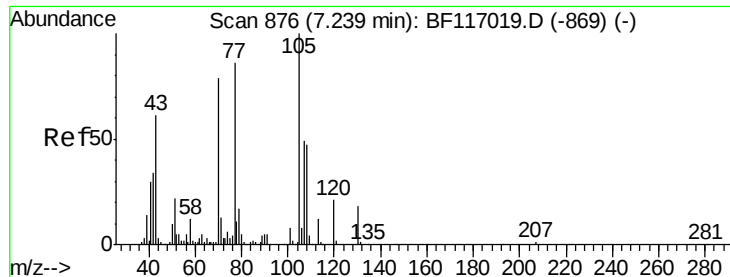
Jagrut  
9/19/2019 10:42:02 AM



#18  
Hexachloroethane  
Concen: 38.618 ng  
RT: 7.33 min Scan# 892  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.2  | 75.8 | 113.8 |       |
| 201     | 80.5  | 60.9 | 91.3  |       |





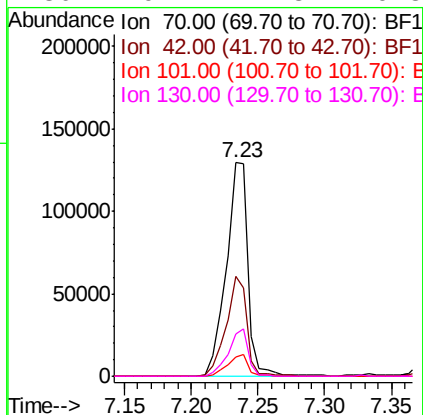
#19  
n-Nitroso-di-n-propylamine  
Concen: 41.239 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 46.9  | 34.0  | 51.0  |
| 101     | 9.3   | 7.8   | 11.6  |
| 130     | 19.7  | 17.8  | 26.8  |

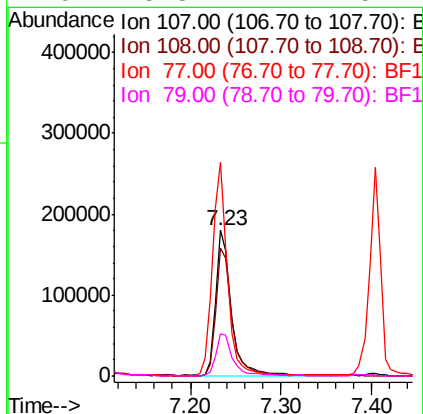
Manual Integrations  
APPROVED

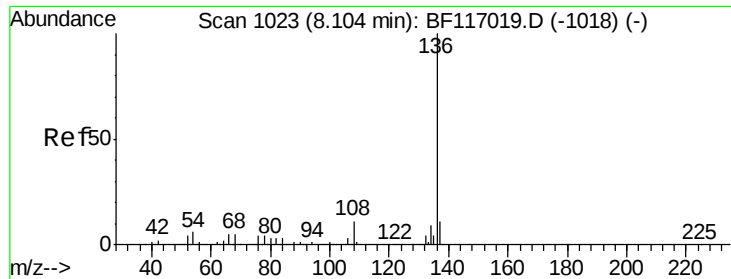
Jagrut  
9/19/2019 10:42:02 AM



#20  
3+4-Methylphenols  
Concen: 40.759 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.3  | 72.6  | 112.6 |
| 77      | 146.9 | 132.1 | 172.1 |
| 79      | 28.8  | 12.1  | 52.1  |





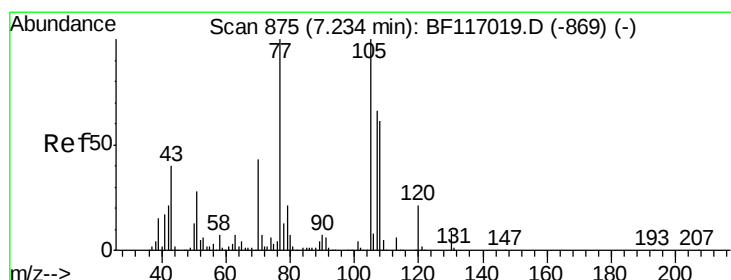
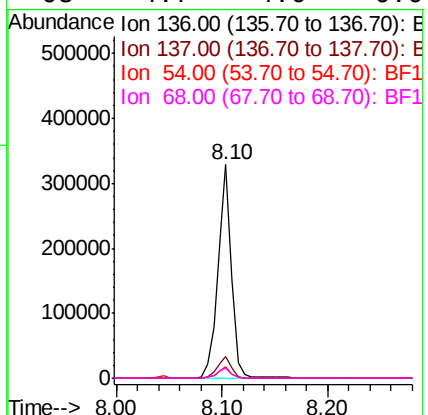
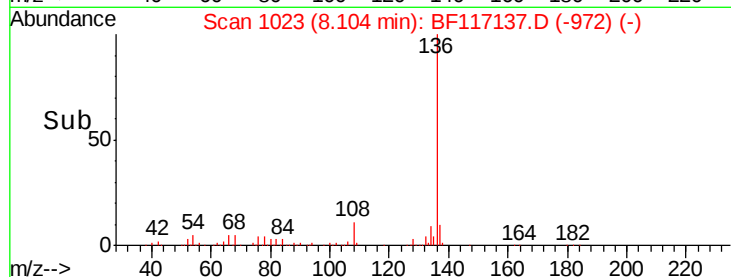
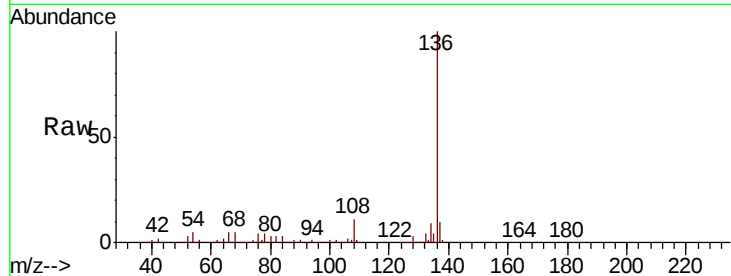
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 299823 |       |       |
| 137     | 10.3 |       | 9.0    | 13.4  |       |
| 54      | 5.2  |       | 4.5    | 6.7   |       |
| 68      | 4.7  |       | 4.0    | 6.0   |       |

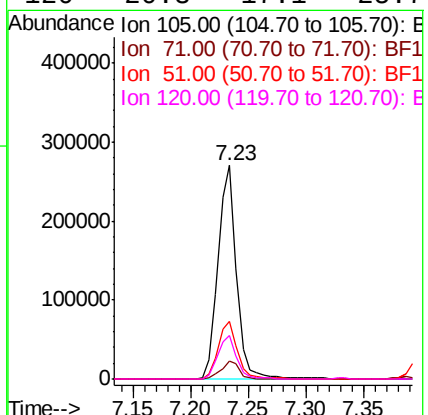
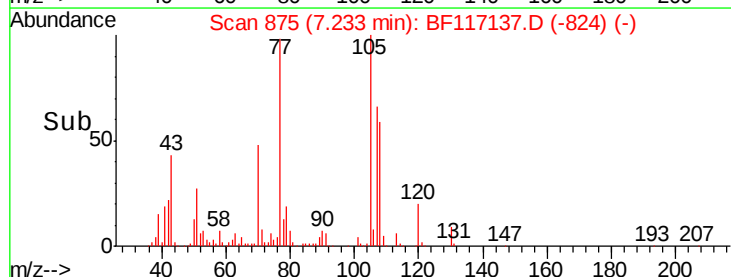
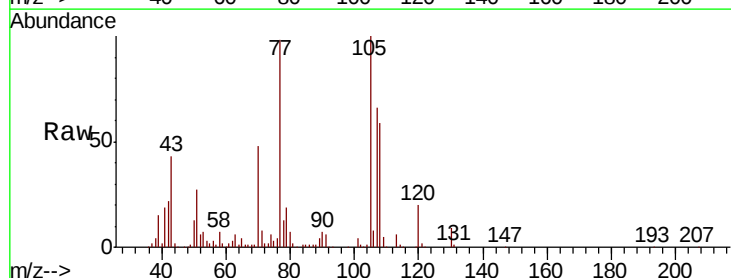
Manual Integrations  
APPROVED

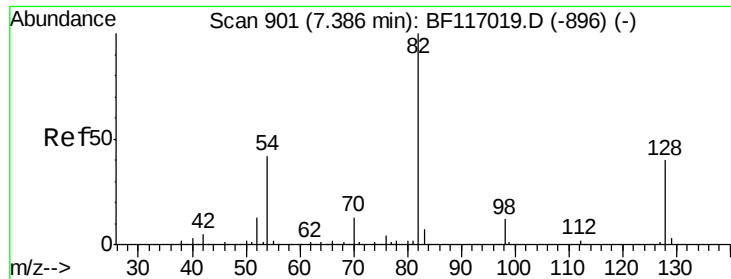
Jagrut  
9/19/2019 10:42:02 AM



#22  
Acetophenone  
Concen: 39.595 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 301619 |       |       |
| 71      | 8.1  |       | 5.7    | 8.5   |       |
| 51      | 27.0 |       | 22.1   | 33.1  |       |
| 120     | 20.3 |       | 17.1   | 25.7  |       |





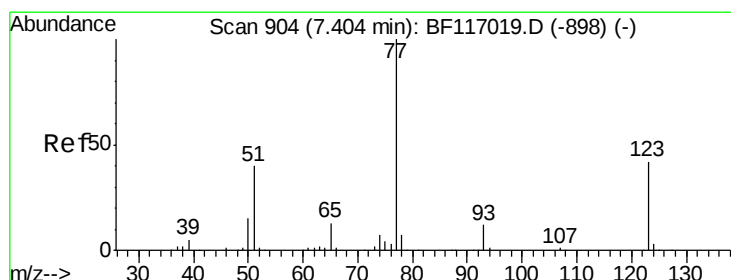
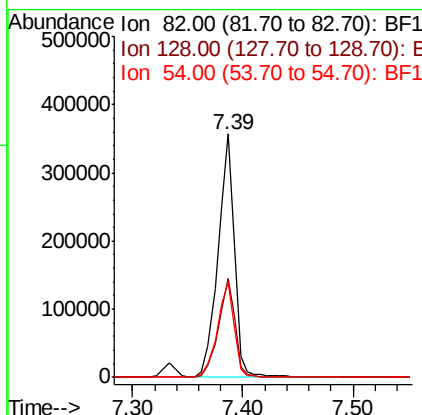
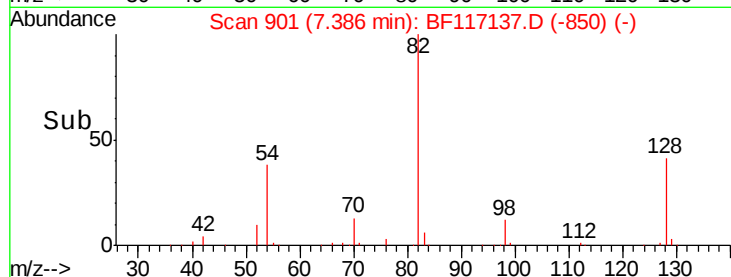
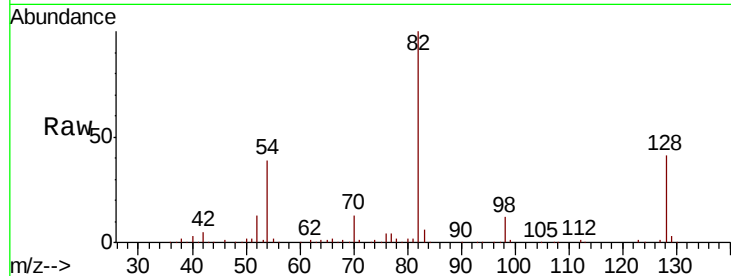
#23  
Nitrobenzene-d5  
Concen: 64.791 ng  
RT: 7.39 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion   | 82    | Resp  | 369719 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.7  | 32.3  | 48.5   |
| 54        | 39.2  | 33.3  | 49.9   |

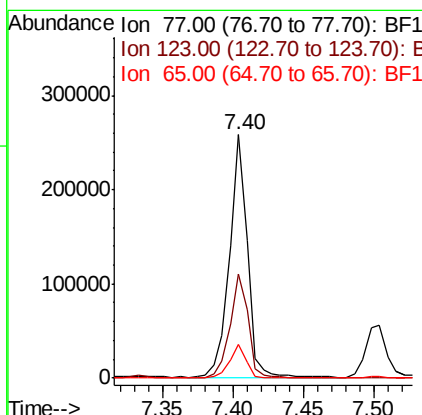
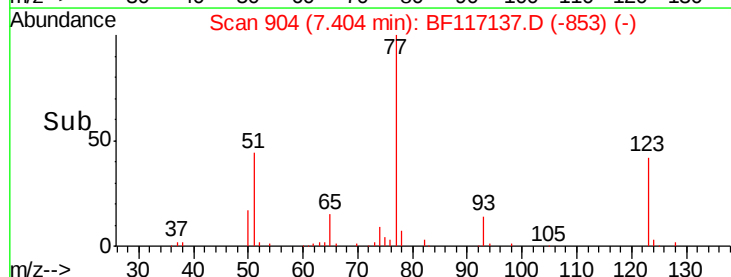
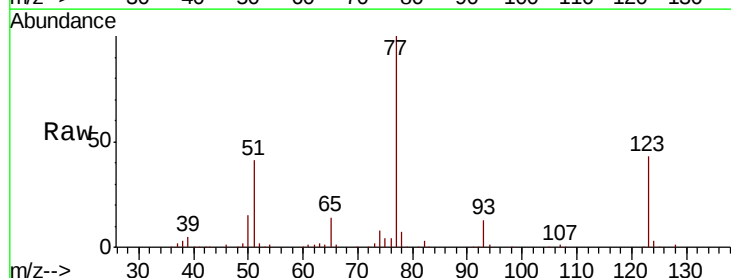
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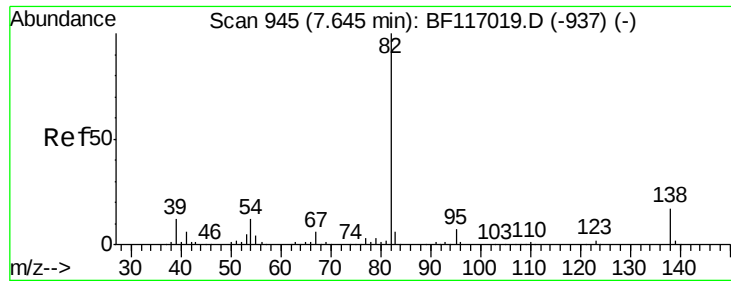
Jagrut  
9/19/2019 10:42:02 AM



#24  
Nitrobenzene  
Concen: 40.030 ng  
RT: 7.40 min Scan# 904  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion   | 77    | Resp  | 225578 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 42.9  | 33.5  | 50.3   |
| 65        | 13.6  | 10.5  | 15.7   |





#25

Isophorone

Concen: 40.687 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampled :

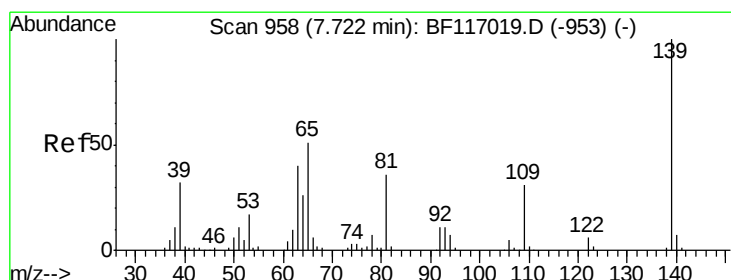
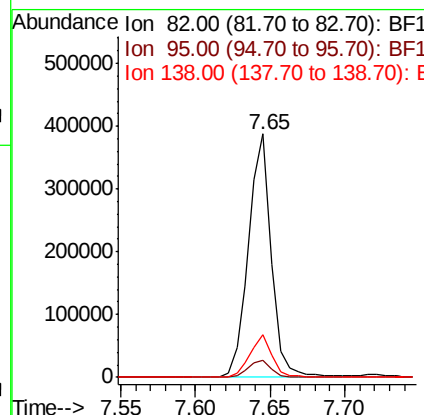
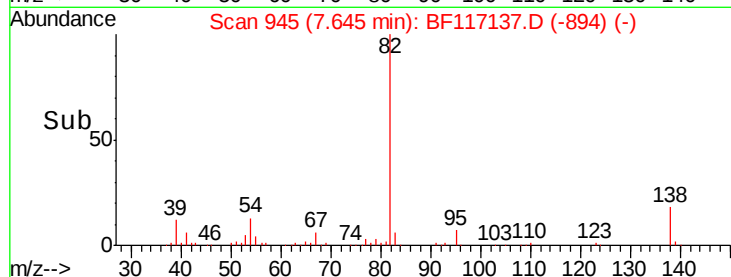
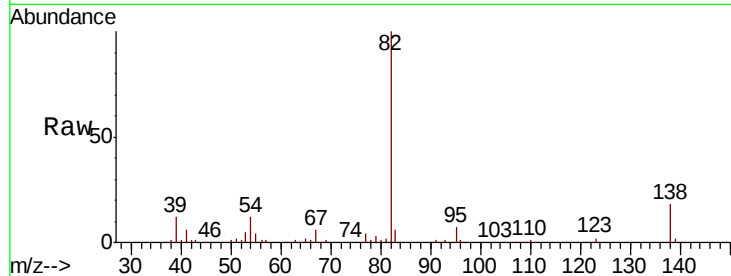
PB123129BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 411081 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.2  | 5.8   | 8.6    |
| 138       | 17.6 | 13.5  | 20.3   |

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#26

2-Nitrophenol

Concen: 43.713 ng

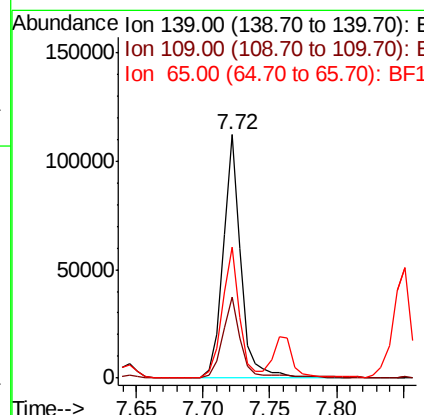
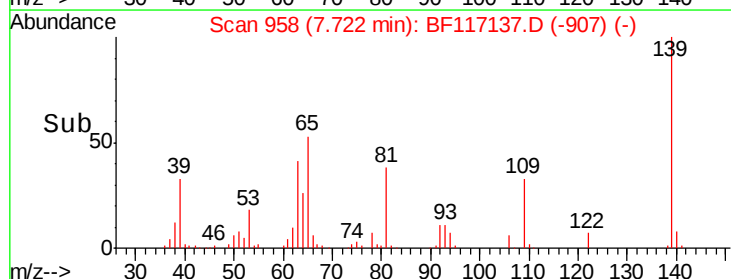
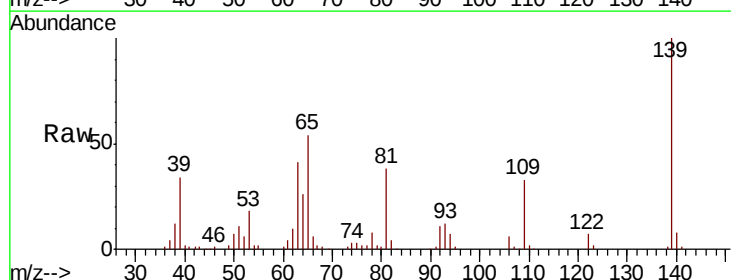
RT: 7.72 min Scan# 958

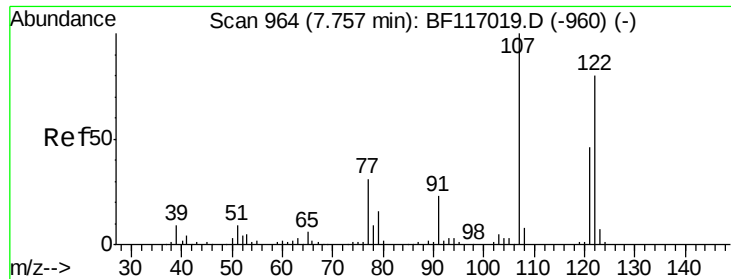
Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 105809 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 33.1 | 24.6  | 36.8   |
| 65        | 53.6 | 40.9  | 61.3   |





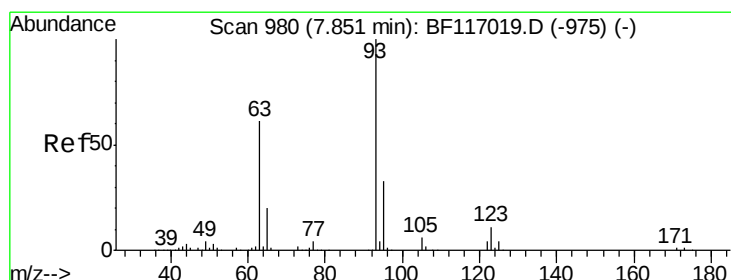
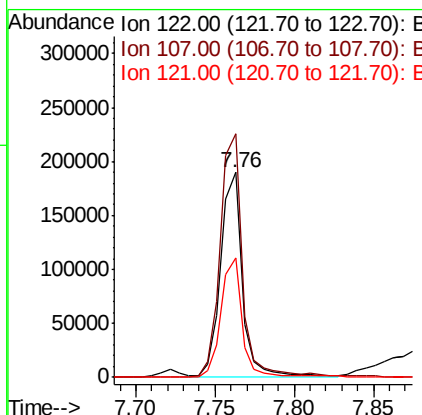
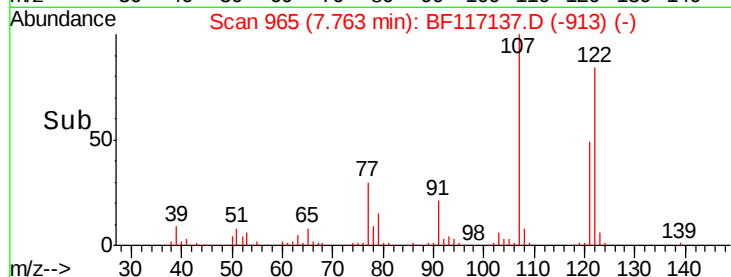
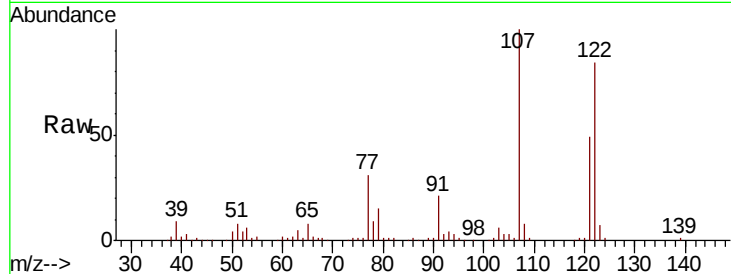
#27  
 2,4-Dimethylphenol  
 Concen: 47.042 ng  
 RT: 7.76 min Scan# 965  
 Delta R.T. 0.01 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 180568 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 118.8 | 98.9  | 148.3  |
| 121       | 58.0  | 45.3  | 67.9   |

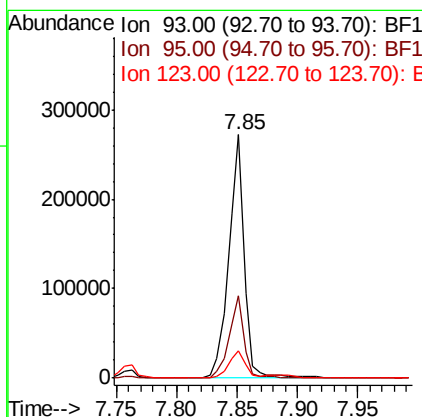
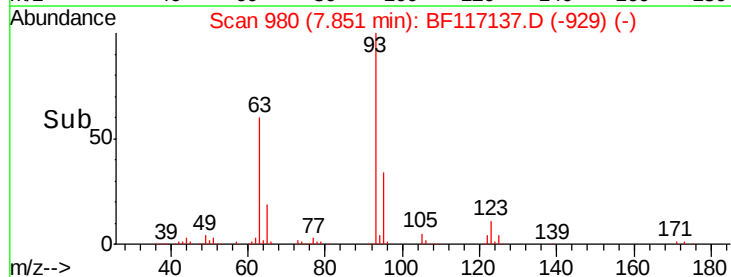
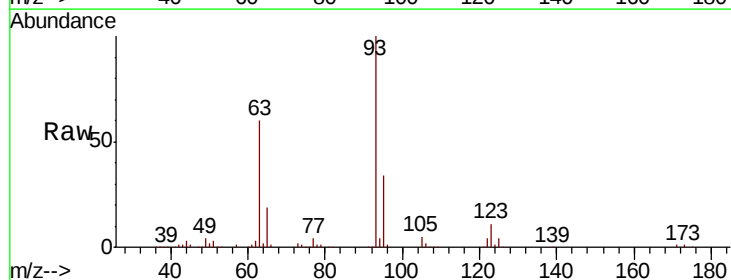
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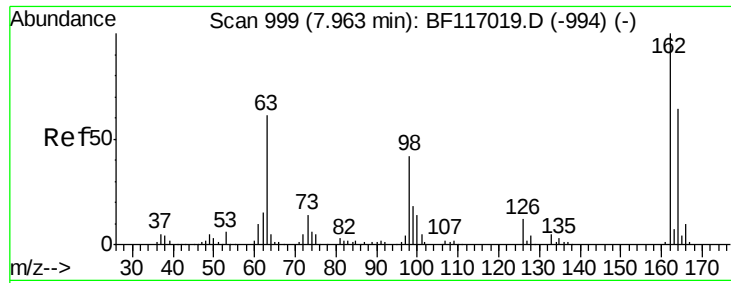
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 9/19/2019 10:42:02 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.101 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 243396 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.8  | 26.2  | 39.4   |
| 123       | 11.4  | 9.0   | 13.6   |





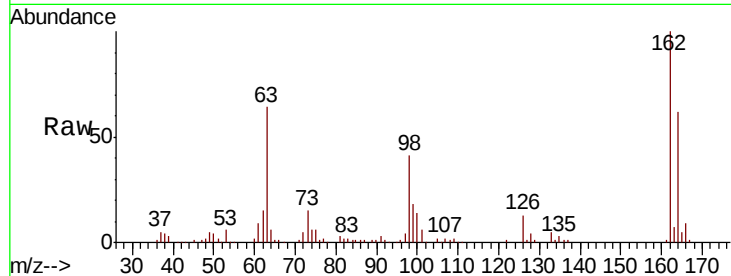
#29  
 2,4-Dichlorophenol  
 Concen: 41.768 ng  
 RT: 7.96 min Scan# 999  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

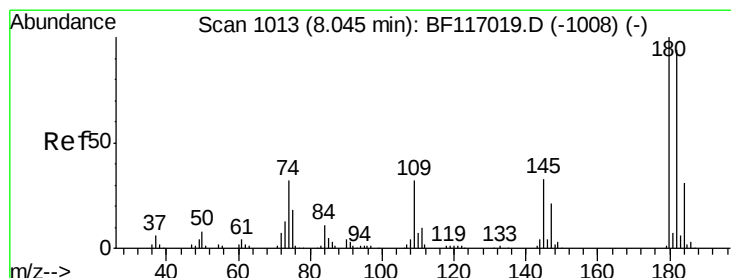
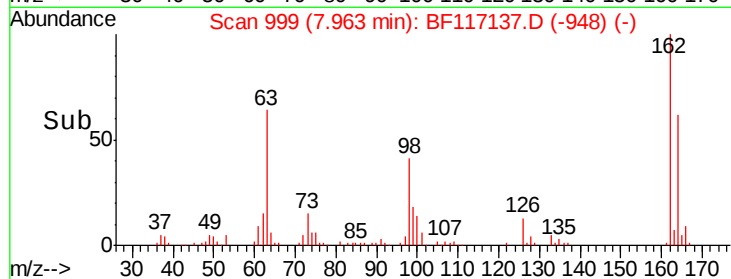
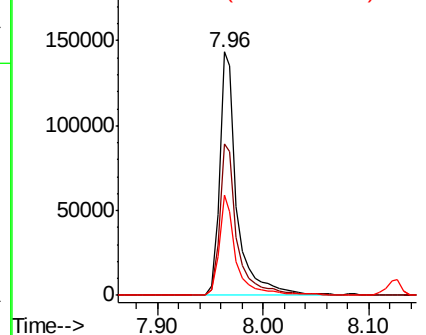
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 167991 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.3  | 43.8  | 83.8   |
| 98        | 41.2  | 22.1  | 62.1   |

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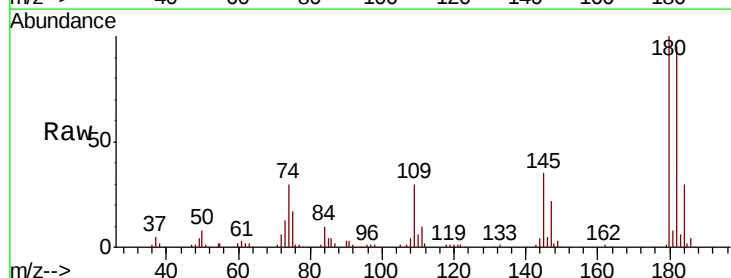


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

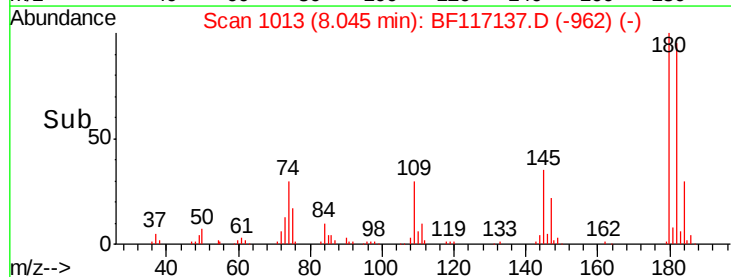
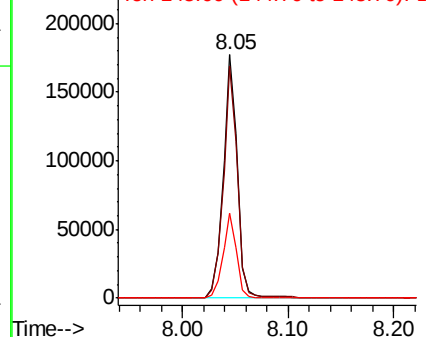


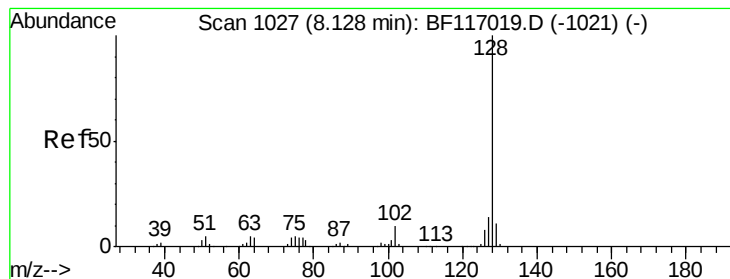
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.619 ng  
 RT: 8.05 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 167810 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.4  | 75.4  | 113.0  |
| 145       | 35.0  | 26.7  | 40.1   |



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





#31

Naphthalene

Concen: 40.569 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

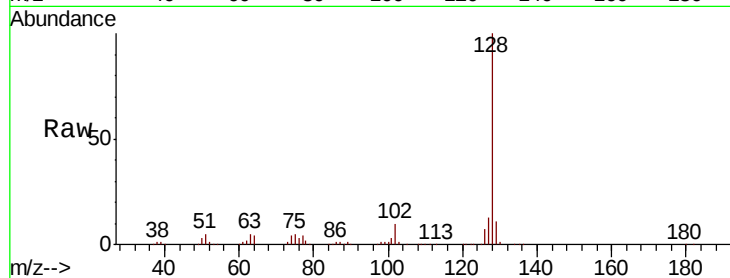
PB123129BS

| Tot Ion | 128   | Resp  | 584984 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 129     | 10.8  | 9.0   | 13.4   |
| 127     | 13.2  | 10.8  | 16.2   |

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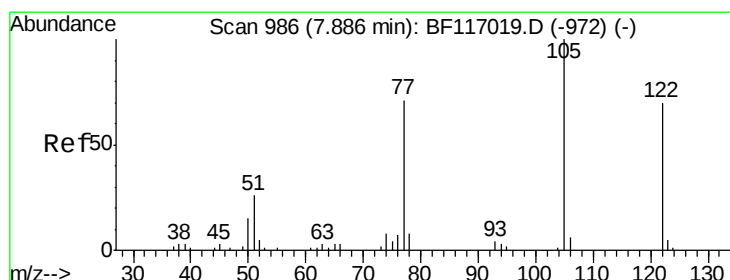
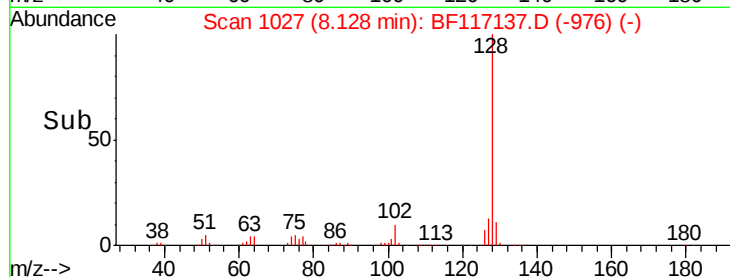
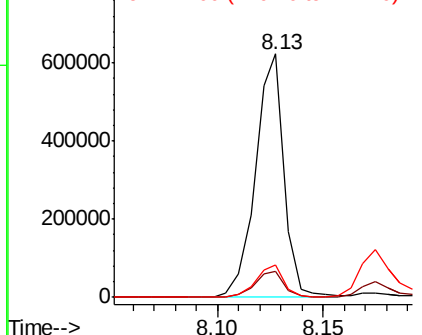


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.327 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

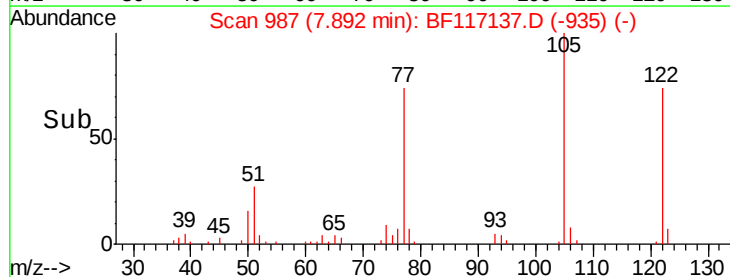
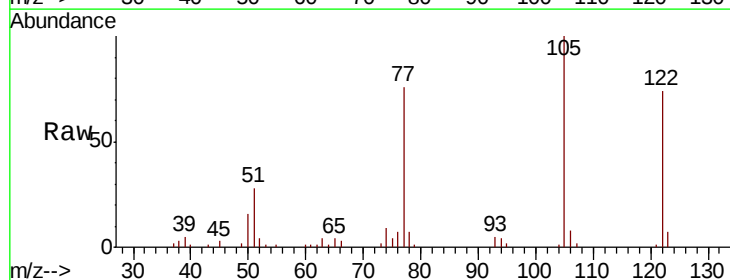
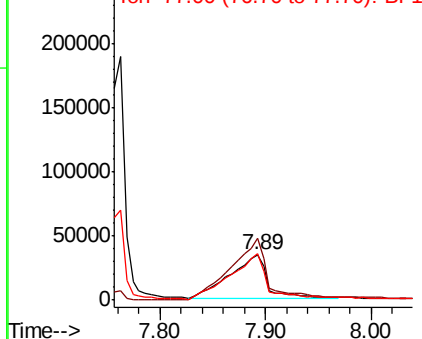
| Tgt Ion | 122   | Resp  | 86461 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 122     | 100   |       |       |
| 105     | 135.1 | 114.8 | 154.8 |
| 77      | 102.2 | 78.7  | 118.7 |

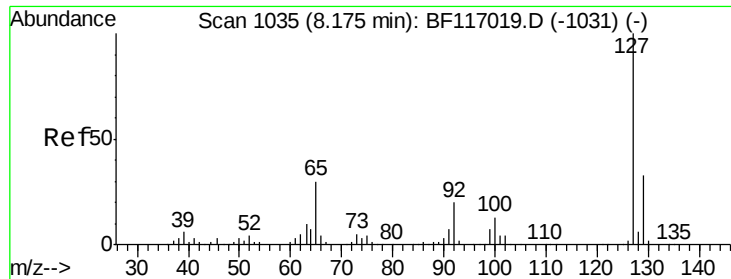
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





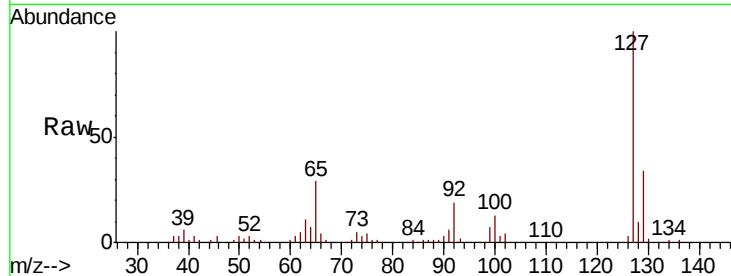
#33  
4-Chloroaniline  
Concen: 24.468 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

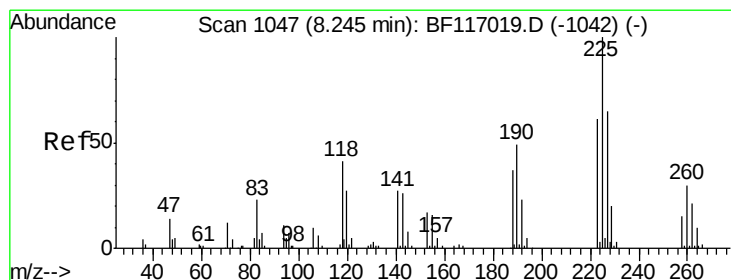
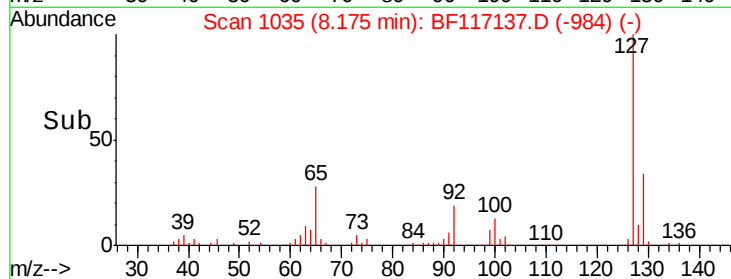
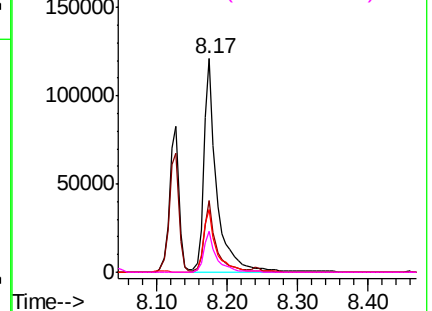
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 156488 |       |       |
| 129     | 33.7 | 26.2  | 39.2   |       |       |
| 65      | 29.2 | 23.5  | 35.3   |       |       |
| 92      | 19.0 | 15.9  | 23.9   |       |       |

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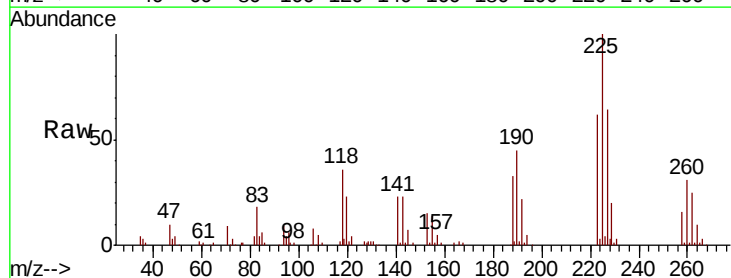


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

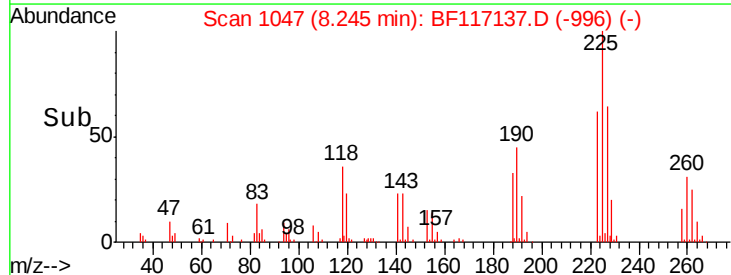
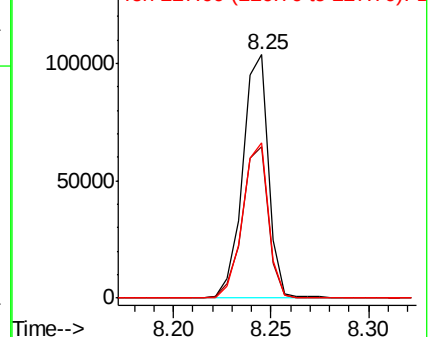


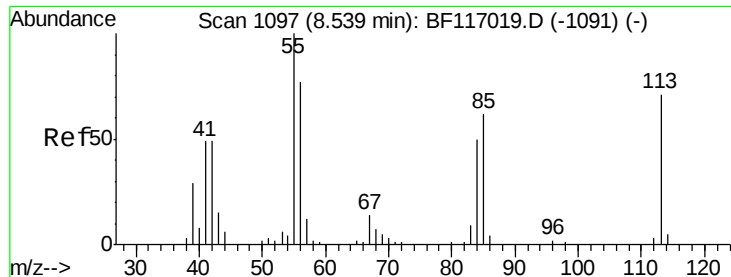
#34  
Hexachlorobutadiene  
Concen: 38.634 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 95242 |       |       |
| 223     | 62.3 | 49.1  | 73.7  |       |       |
| 227     | 63.6 | 52.2  | 78.2  |       |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.181 ng/ml

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleID :

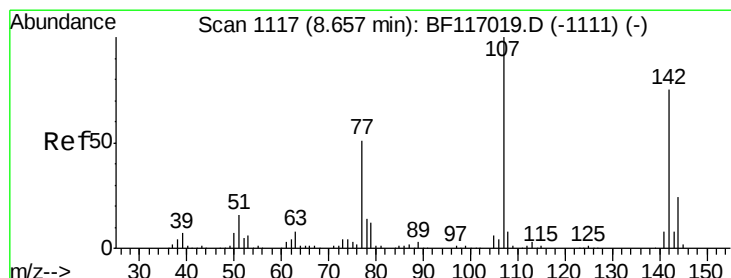
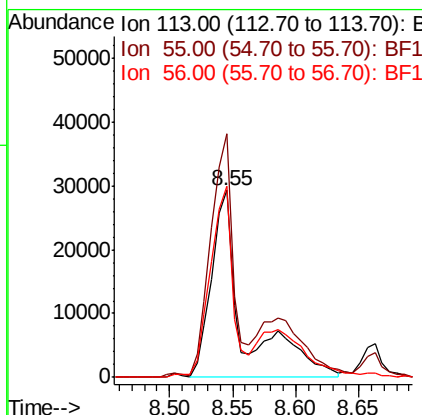
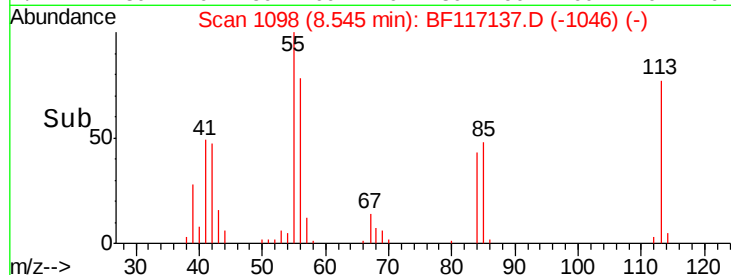
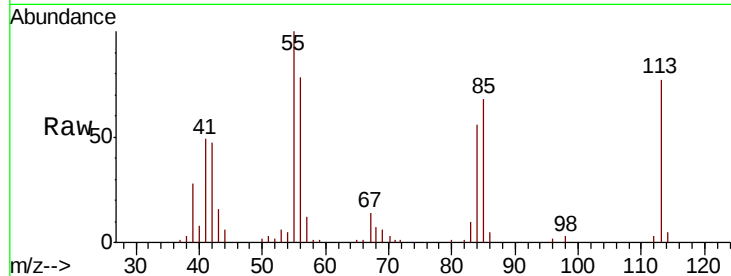
PB123129BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 51977 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 130.4 | 120.6 | 160.6 |
| 56       | 102.1 | 88.8  | 128.8 |

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#36

4-Chloro-3-methylphenol

Concen: 41.215 ng/ml

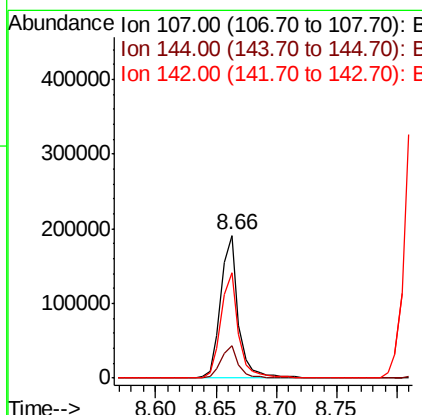
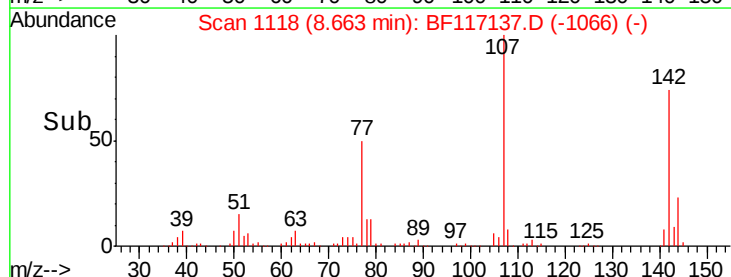
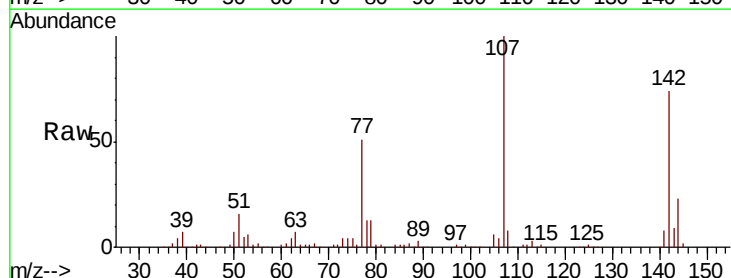
RT: 8.66 min Scan# 1118

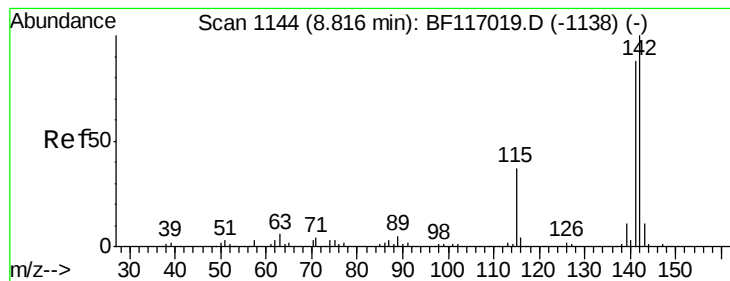
Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 193284 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 22.9  | 19.2  | 28.8   |
| 142      | 74.1  | 59.6  | 89.4   |





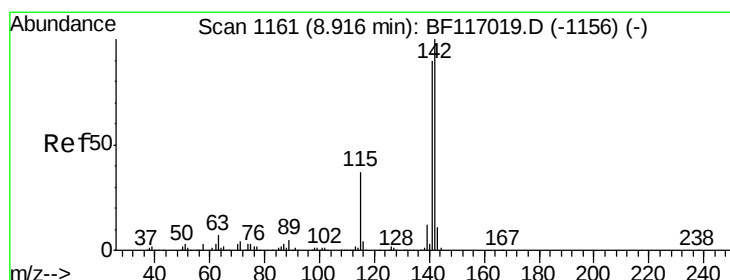
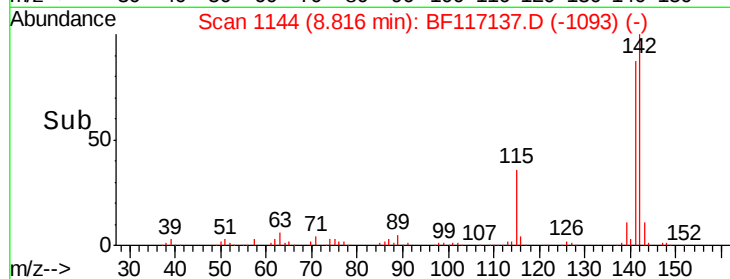
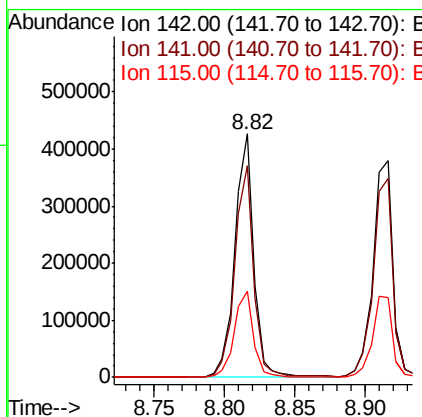
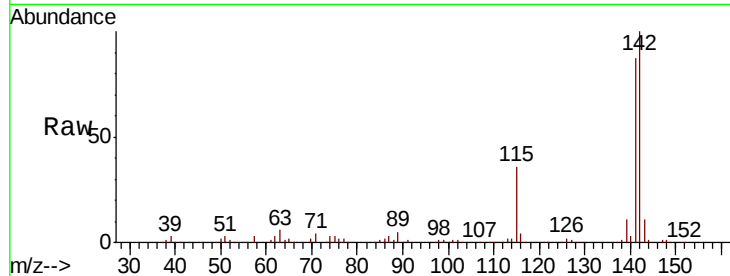
#37  
2-Methylnaphthalene  
Concen: 41.213 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleID :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.8  | 70.7  | 106.1 |
| 115     | 35.6  | 29.4  | 44.0  |

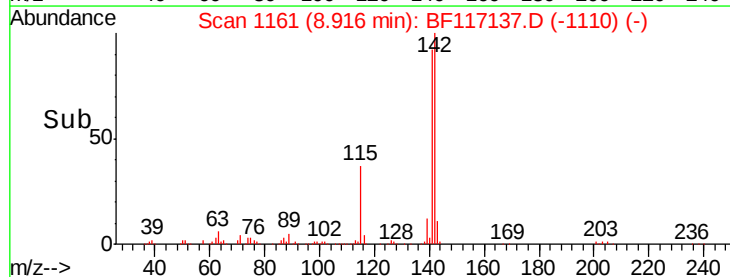
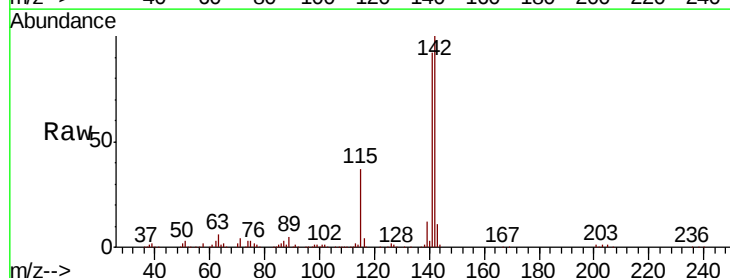
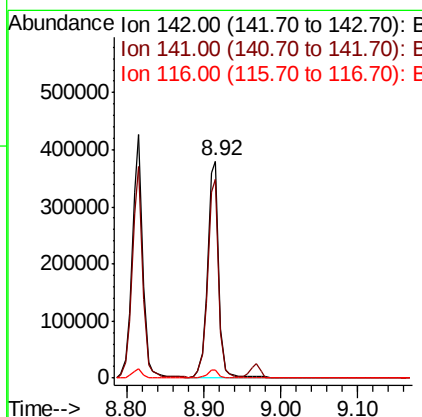
Manual Integrations  
APPROVED

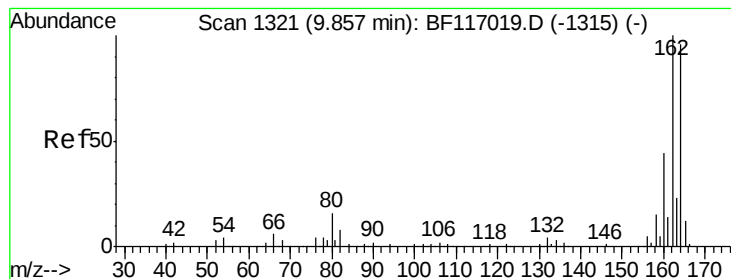
Jagrut  
9/19/2019 10:42:02 AM



#38  
1-Methylnaphthalene  
Concen: 41.811 ng  
RT: 8.92 min Scan# 1161  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 71.9  | 107.9 |
| 116     | 3.5   | 3.2   | 4.8   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

PB123129BS

Tot Ion:164 Resp: 155097

Ion Ratio Lower Upper

164 100

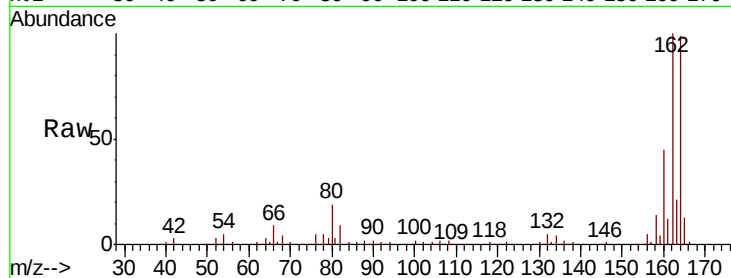
162 101.2 83.4 125.2

160 45.6 36.4 54.6

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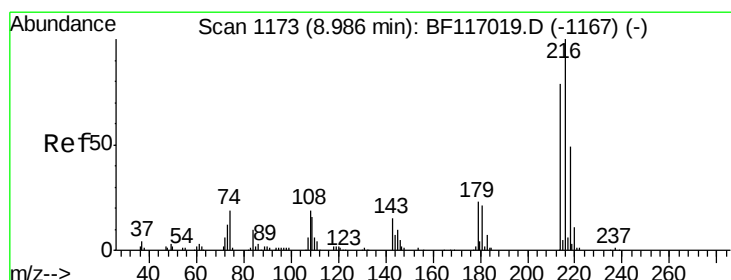
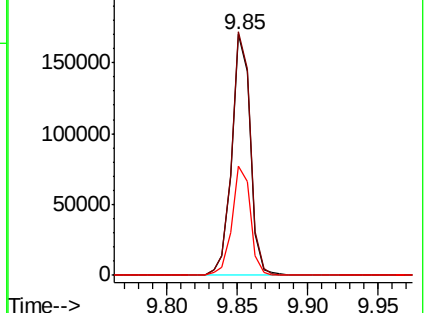
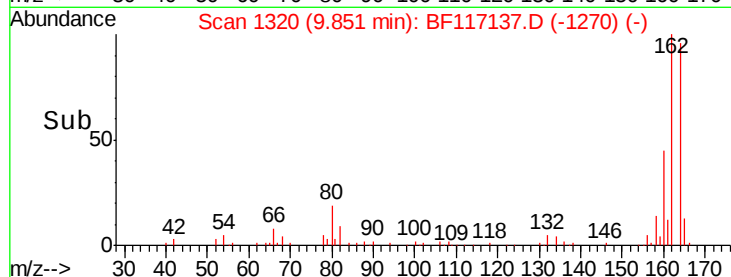


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.391 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Tgt Ion:216 Resp: 157761

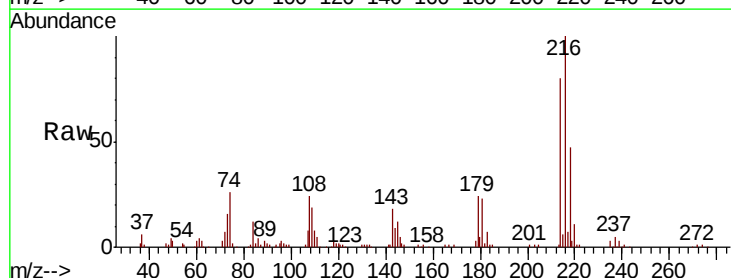
Ion Ratio Lower Upper

216 100

214 80.0 63.6 95.4

179 23.5 18.3 27.5

108 25.1 17.8 26.6



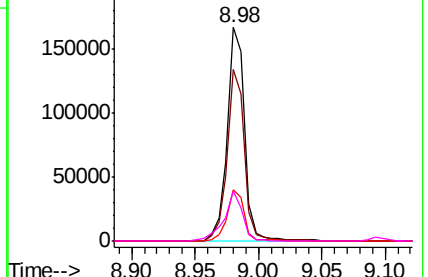
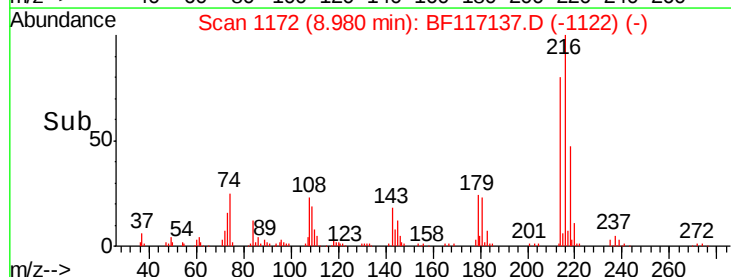
Abundance

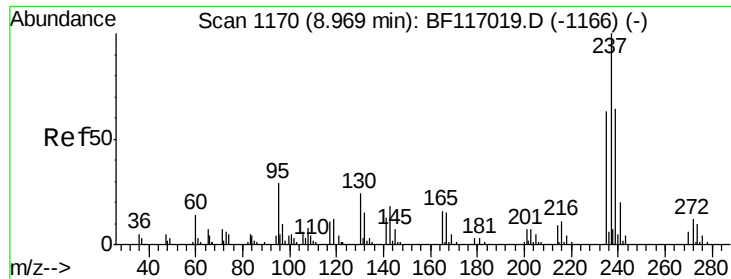
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





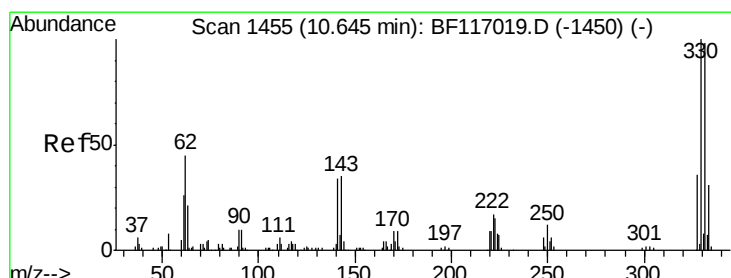
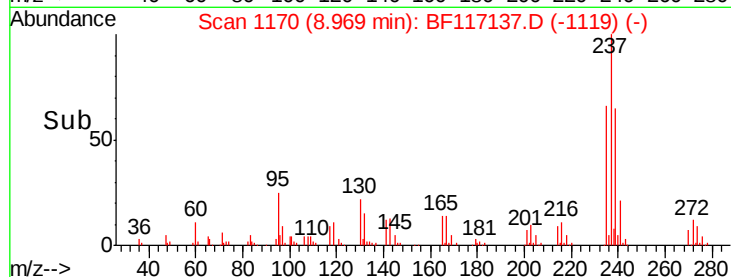
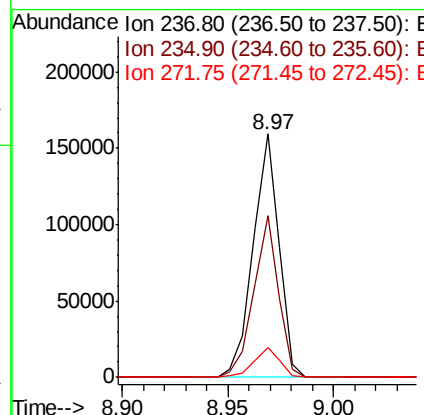
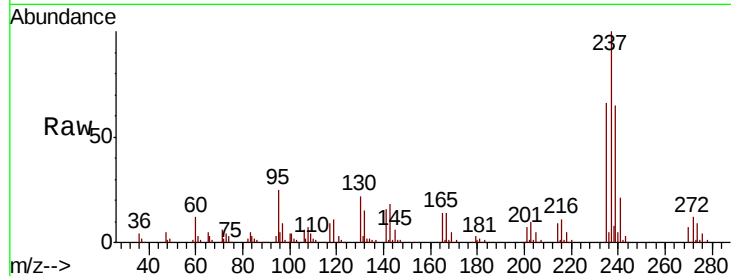
#41  
Hexachlorocyclopentadiene  
Concen: 77.098 ng  
RT: 8.97 min Scan# 1170  
Delta R.T. 0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 135929 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 66.5  | 43.2  | 83.2   |
| 272       | 12.5  | 0.0   | 31.9   |

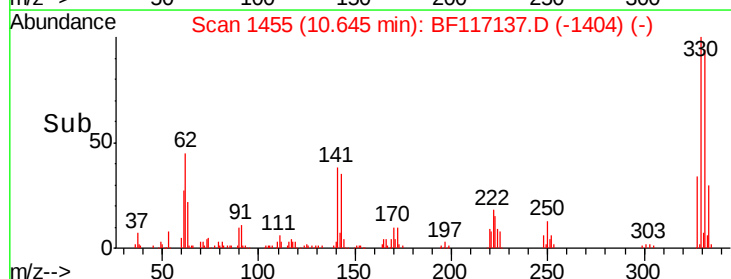
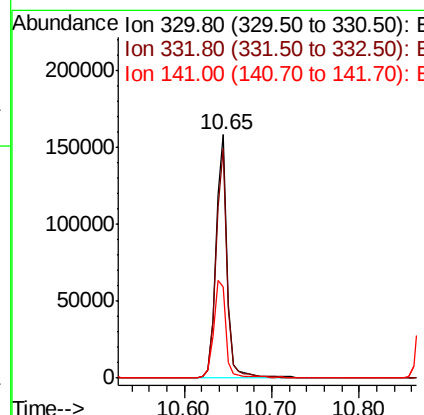
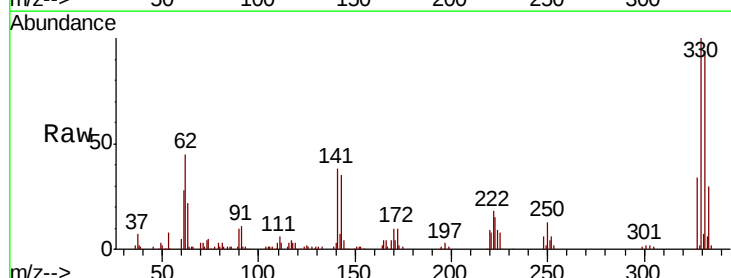
Manual Integrations  
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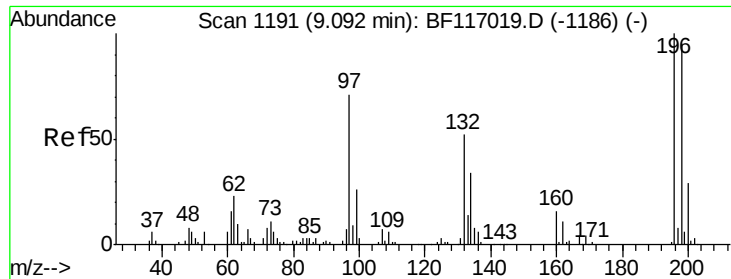
Jagrut  
9/19/2019 10:42:02 AM



#42  
2,4,6-Tribromophenol  
Concen: 108.968 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 141250 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.0  | 78.0  | 117.0  |
| 141       | 44.3  | 35.8  | 53.6   |





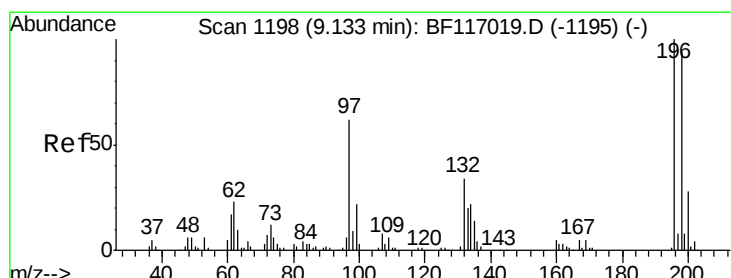
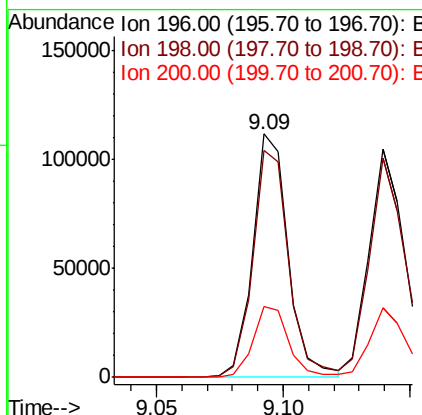
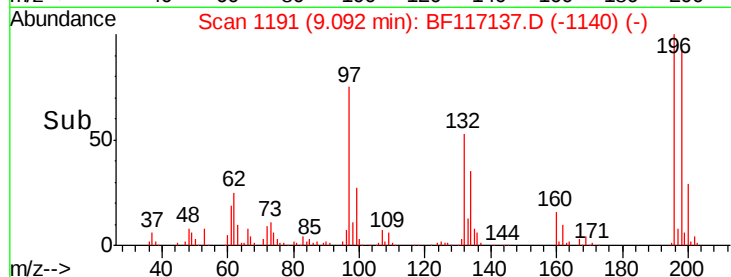
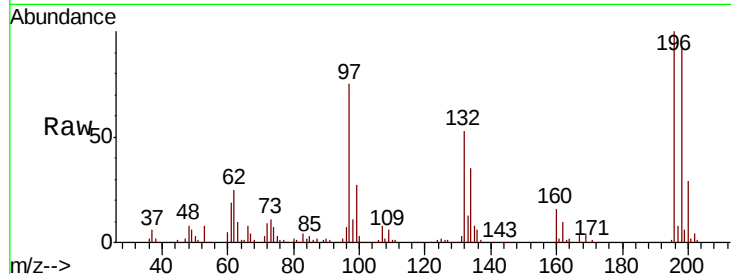
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.167 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 109171 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.4  | 75.7  | 113.5  |
| 200       | 29.2  | 23.3  | 34.9   |

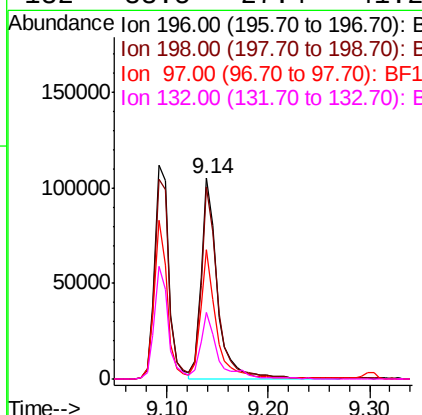
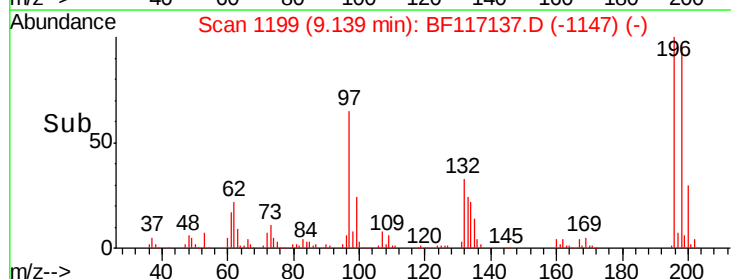
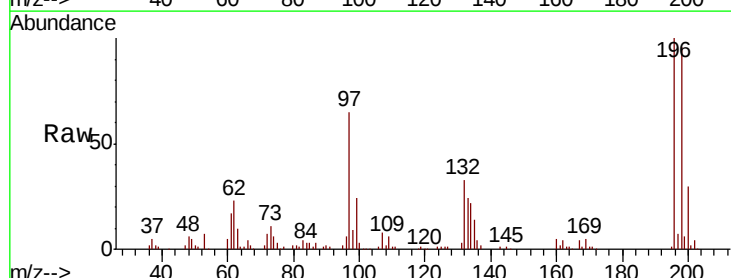
Manual Integrations  
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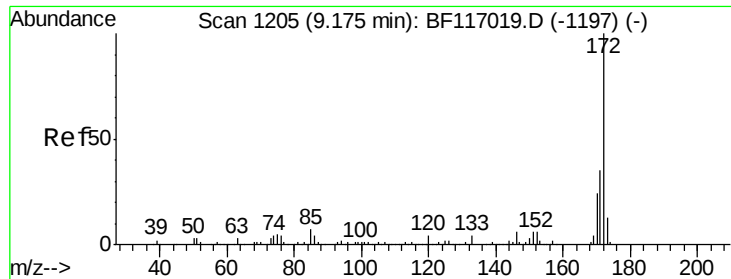
Jagrut  
 9/19/2019 10:42:02 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.876 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 118698 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.8  | 74.6  | 112.0  |
| 97        | 64.6  | 49.5  | 74.3   |
| 132       | 33.5  | 27.4  | 41.2   |





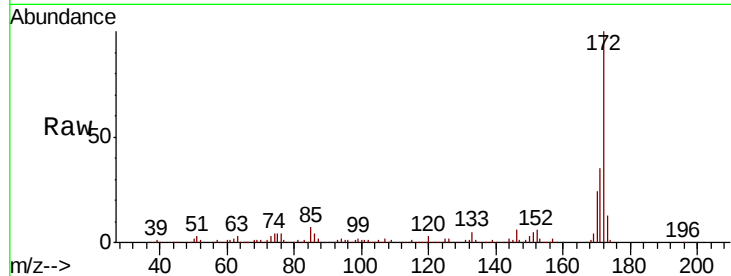
#45  
2-Fluorobiphenyl  
Concen: 66.109 ng  
RT: 9.17 min Scan# 1205  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 655760 |       |       |
| 171     | 35.1  |        | 28.2  | 42.2  |
| 170     | 23.7  |        | 18.9  | 28.3  |

Manual Integrations  
APPROVED

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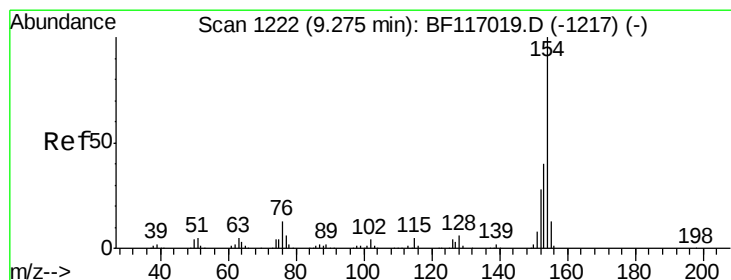
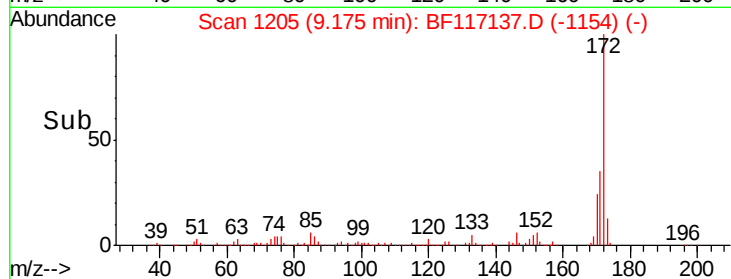
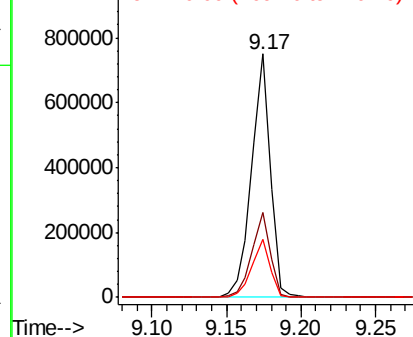


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 38.925 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

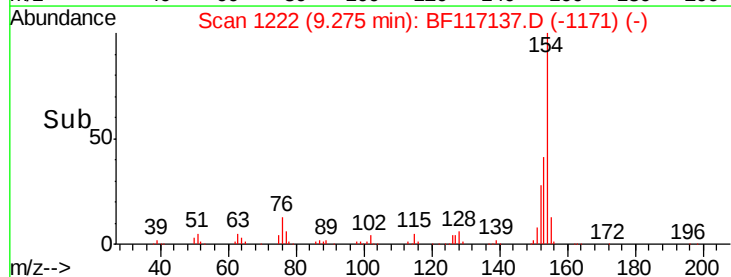
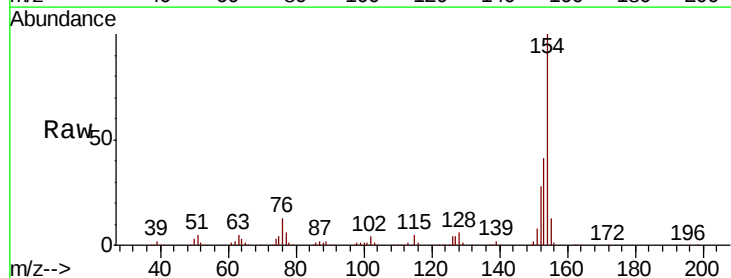
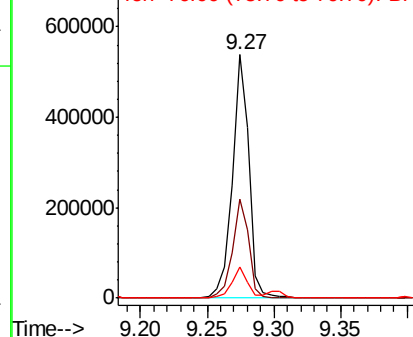
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 473559 |       |       |
| 153     | 40.6  |        | 20.0  | 60.0  |
| 76      | 12.6  |        | 0.0   | 32.7  |

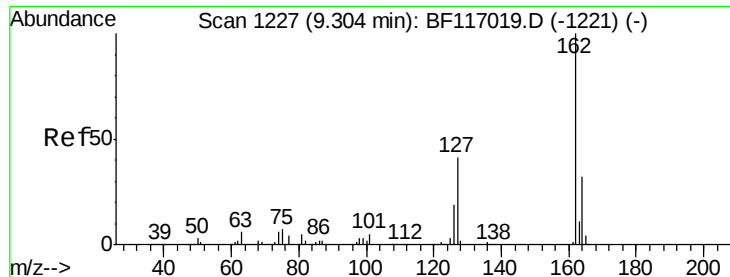
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





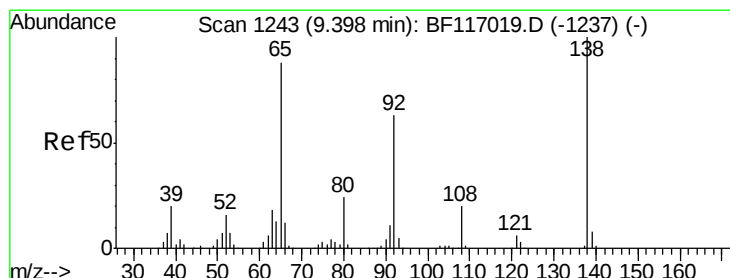
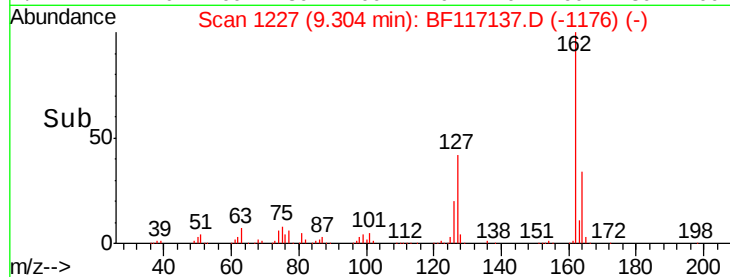
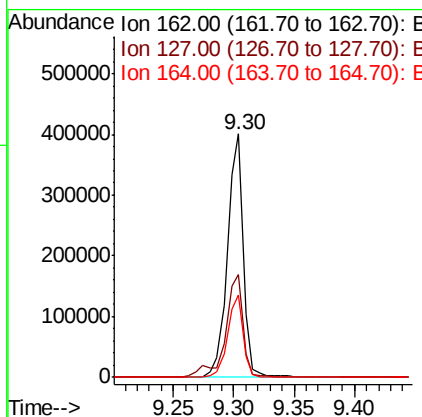
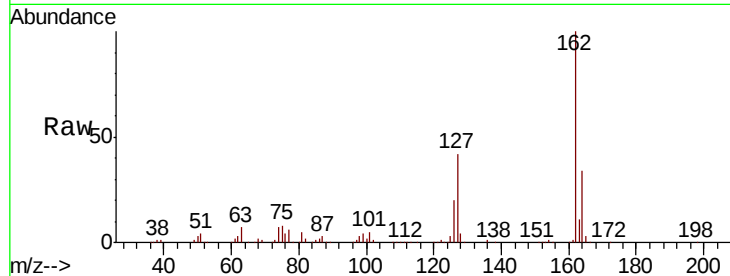
#47  
2-Chloronaphthalene  
Concen: 38.029 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 162     | 100  |       |      |       |       |
| 127     | 42.1 |       | 34.1 | 51.1  |       |
| 164     | 33.7 |       | 25.9 | 38.9  |       |

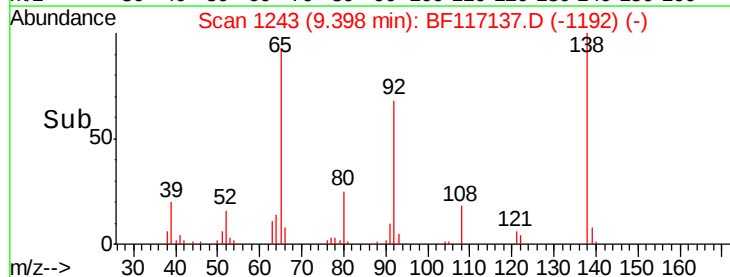
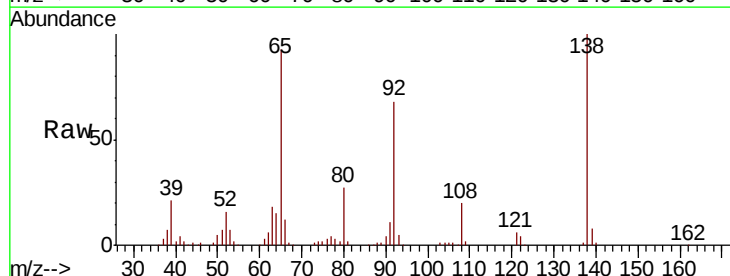
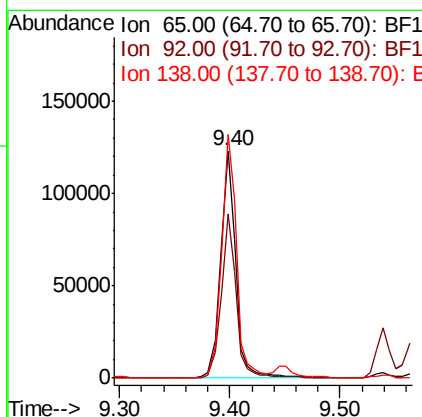
Manual Integrations  
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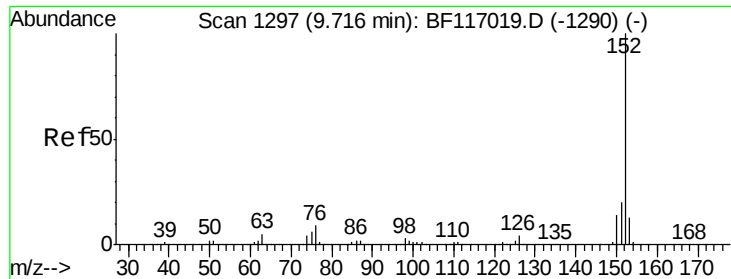
Jagrut  
9/19/2019 10:42:02 AM



#48  
2-Nitroaniline  
Concen: 38.405 ng  
RT: 9.40 min Scan# 1243  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ion   | Ratio | Resp | Lower | Upper |
|---------|-------|-------|------|-------|-------|
| 65      | 100   |       |      |       |       |
| 92      | 72.4  |       | 57.5 | 86.3  |       |
| 138     | 107.0 |       | 90.6 | 136.0 |       |





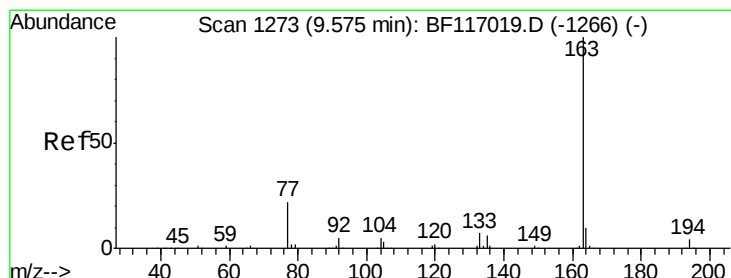
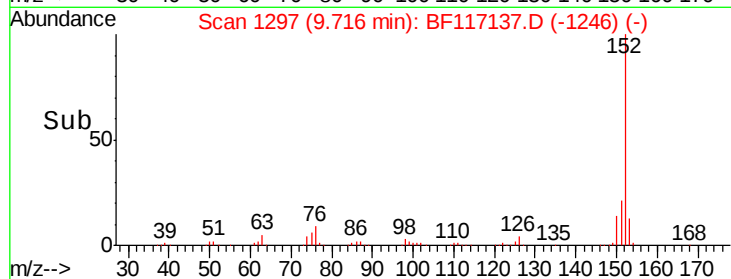
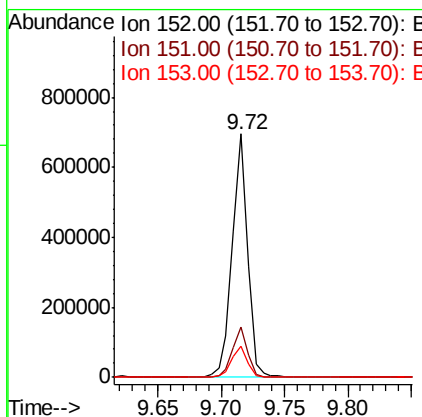
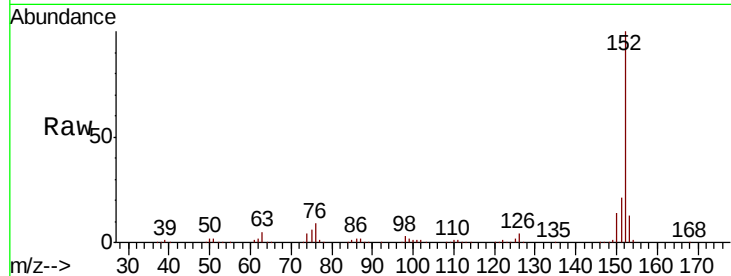
#49  
Acenaphthylene  
Concen: 40.592 ng  
RT: 9.72 min Scan# 1297  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 152     | 100  |       | 583848 |       |       |
| 151     | 20.6 | 16.2  | 24.2   |       |       |
| 153     | 13.0 | 10.2  | 15.4   |       |       |

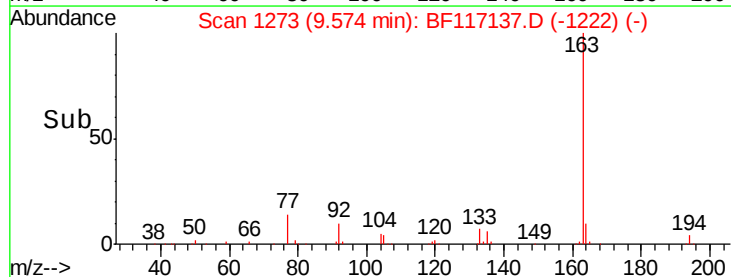
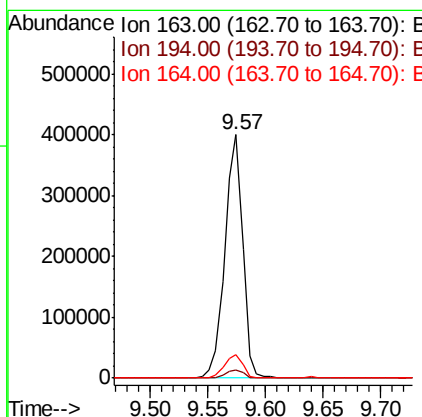
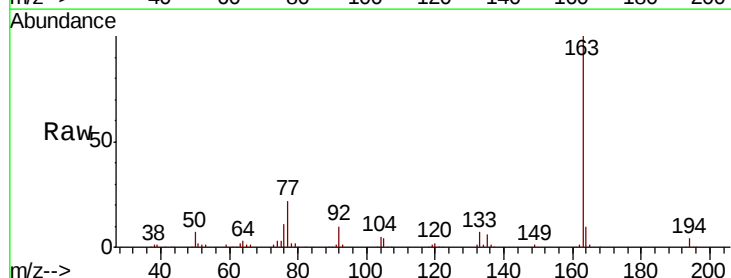
Manual Integrations  
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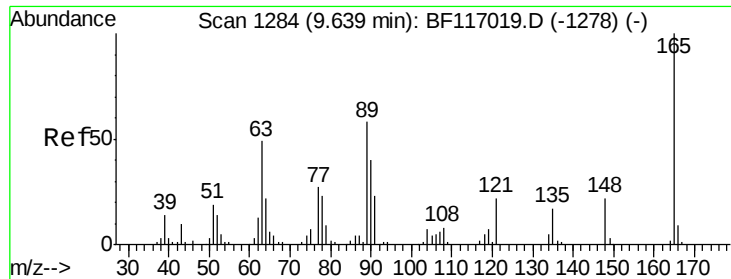
Jagrut  
9/19/2019 10:42:02 AM



#50  
Dimethylphthalate  
Concen: 39.015 ng  
RT: 9.57 min Scan# 1273  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 163     | 100 |       | 428446 |       |       |
| 194     | 3.6 | 2.9   | 4.3    |       |       |
| 164     | 9.7 | 8.2   | 12.4   |       |       |





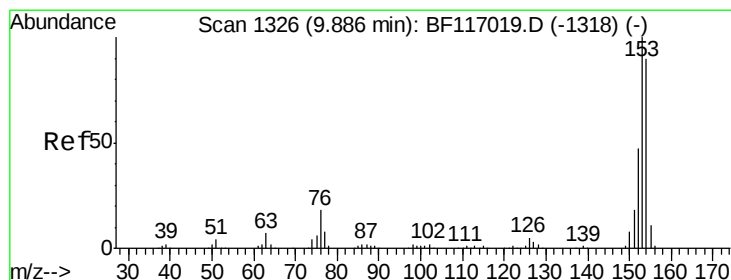
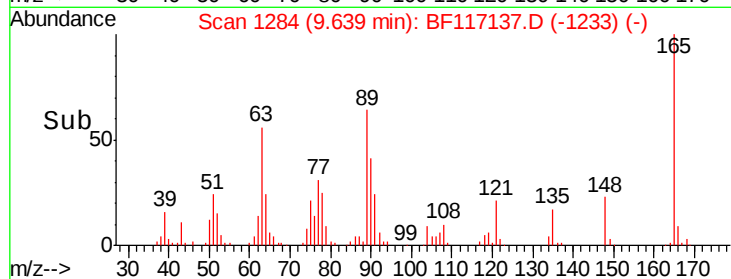
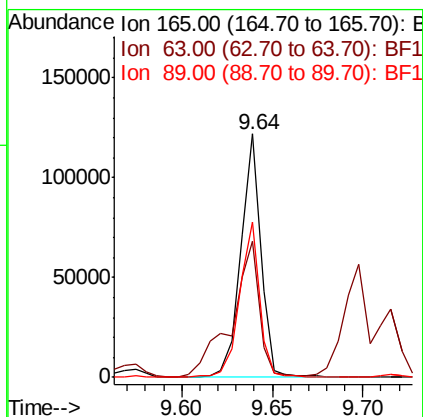
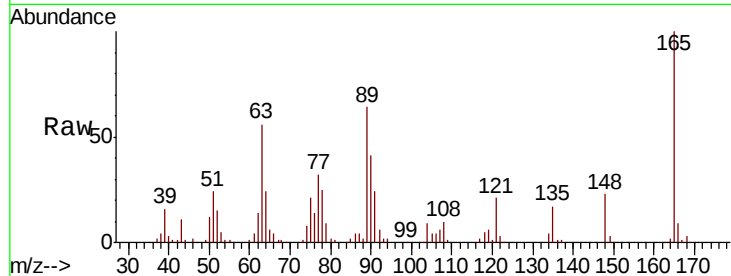
#51  
 2,6-Dinitrotoluene  
 Concen: 42.040 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 94028 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 55.8  | 41.8  | 62.8  |
| 89        | 63.6  | 46.5  | 69.7  |

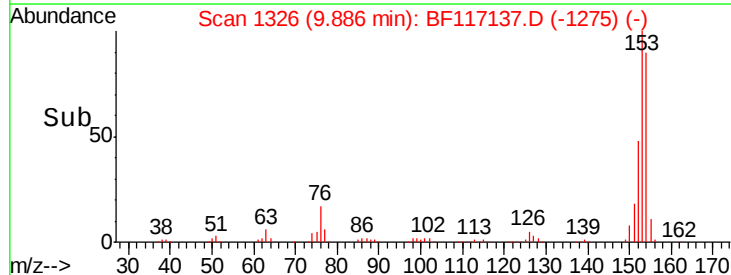
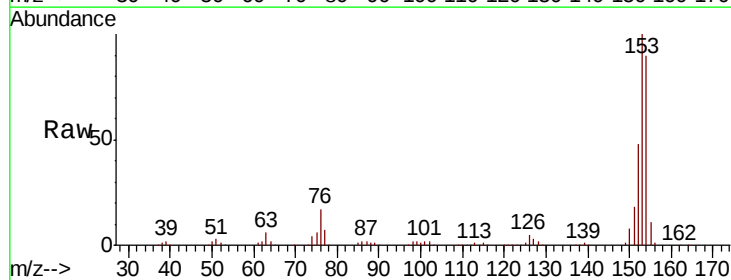
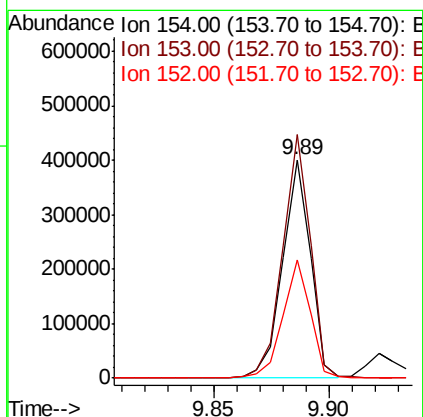
Manual Integrations  
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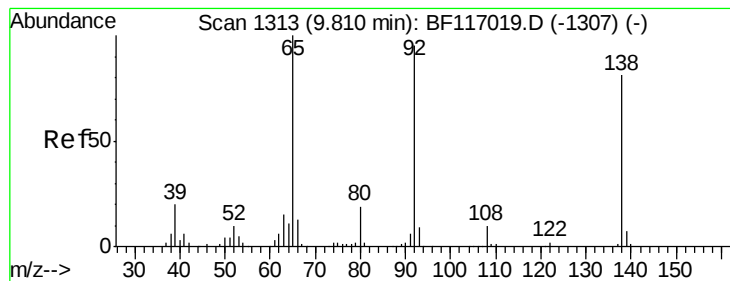
Jagrut  
 9/19/2019 10:42:02 AM



#52  
 Acenaphthene  
 Concen: 39.049 ng  
 RT: 9.89 min Scan# 1326  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 332940 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 111.7 | 89.0  | 133.6  |
| 152       | 53.9  | 41.9  | 62.9   |





#53

3-Nitroaniline

Concen: 27.379 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

PB123129BS

Tot Ion:138 Resp: 77262

Ion Ratio Lower Upper

138 100

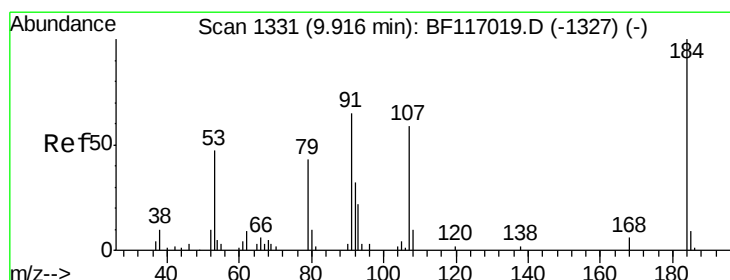
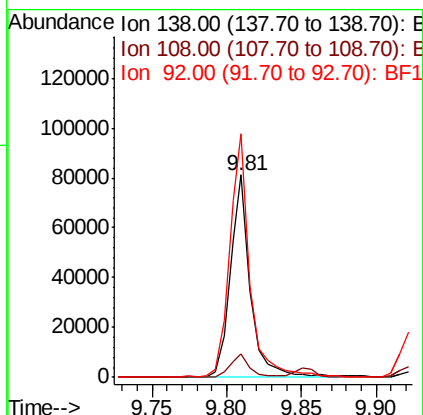
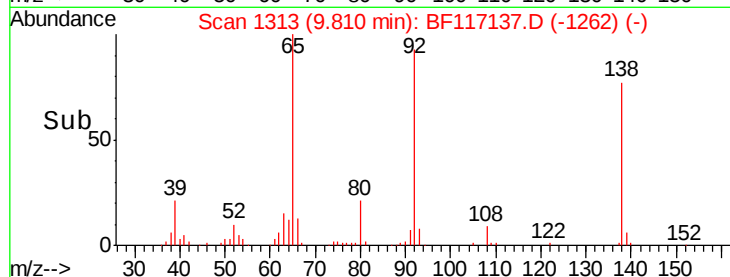
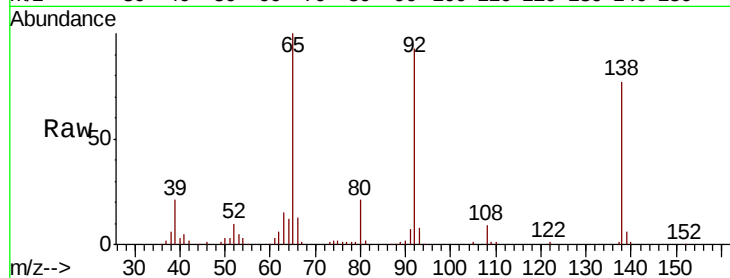
108 11.5 9.5 14.3

92 120.2 94.1 141.1

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#54

2,4-Dinitrophenol

Concen: 74.297 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

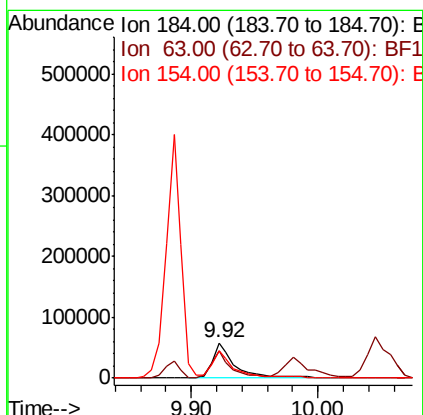
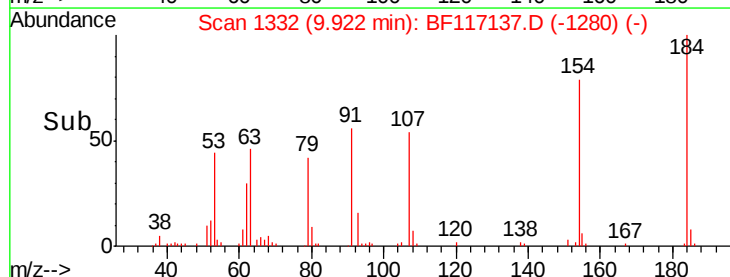
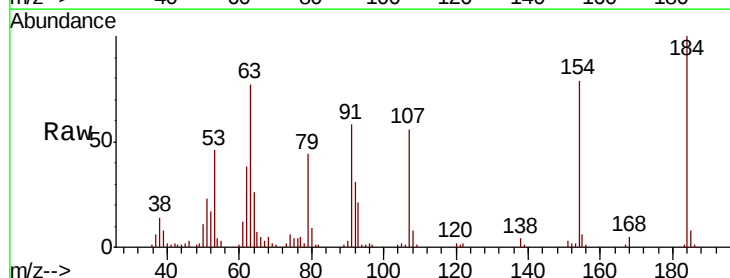
Tgt Ion:184 Resp: 71040

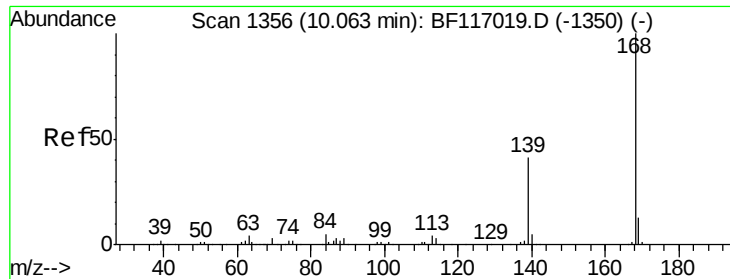
Ion Ratio Lower Upper

184 100

63 77.0 63.8 95.6

154 78.7 60.4 90.6





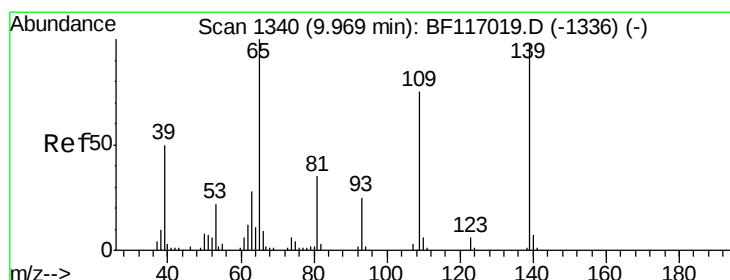
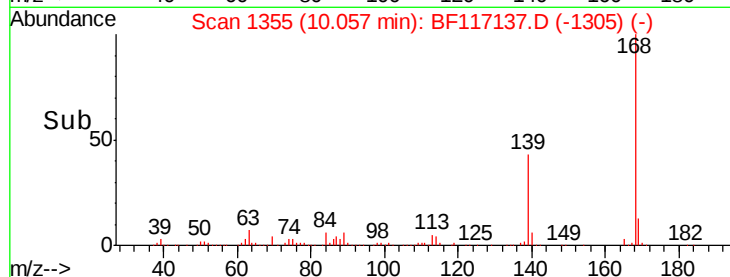
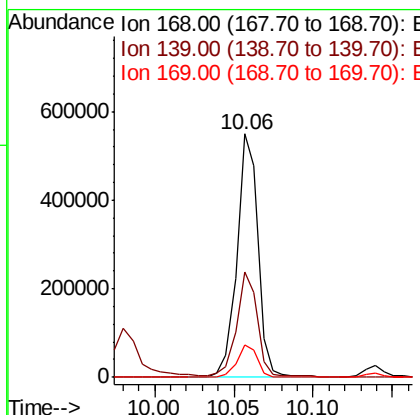
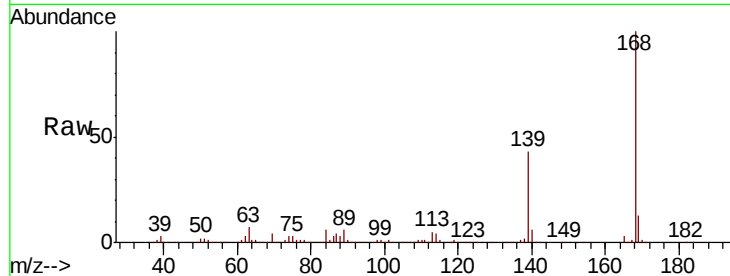
#55  
Dibenzenofuran  
Concen: 40.315 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 507160 |       |       |
| 139     | 43.1  |        | 32.8  | 49.2  |
| 169     | 13.3  |        | 10.5  | 15.7  |

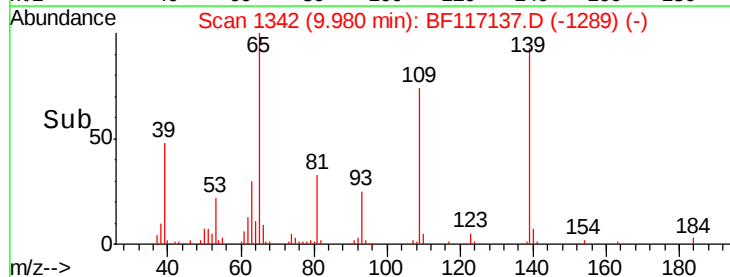
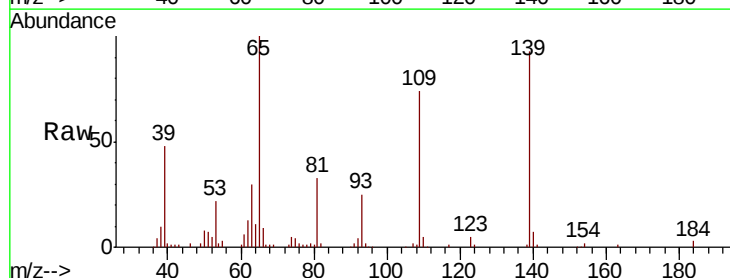
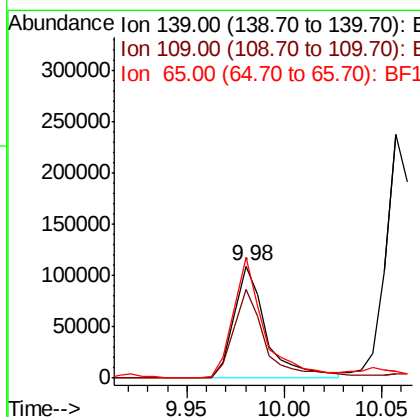
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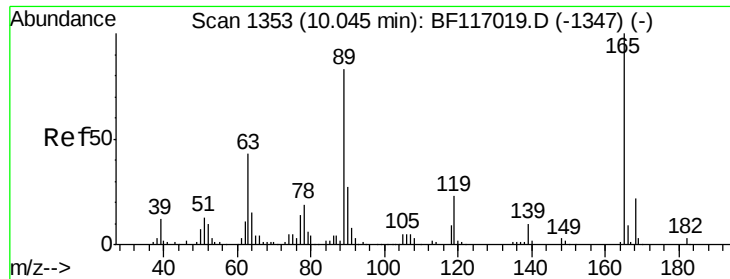
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#56  
4-Nitrophenol  
Concen: 69.236 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 126628 |       |       |
| 109     | 79.3  |        | 56.4  | 96.4  |
| 65      | 107.2 |        | 82.5  | 122.5 |





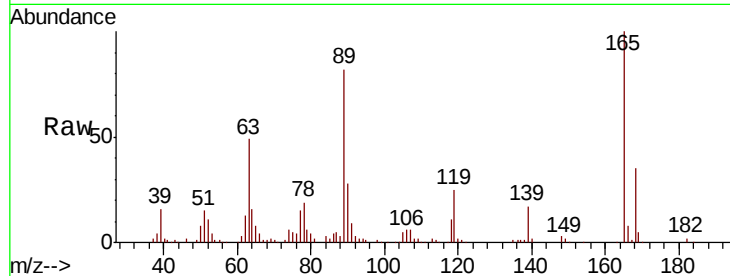
#57  
2,4-Dinitrotoluene  
Concen: 43.442 ng  
RT: 10.05 min Scan# 1353  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

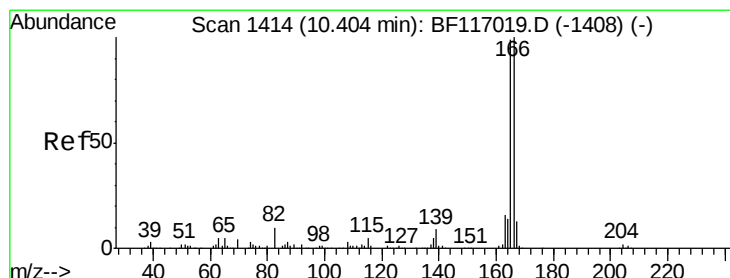
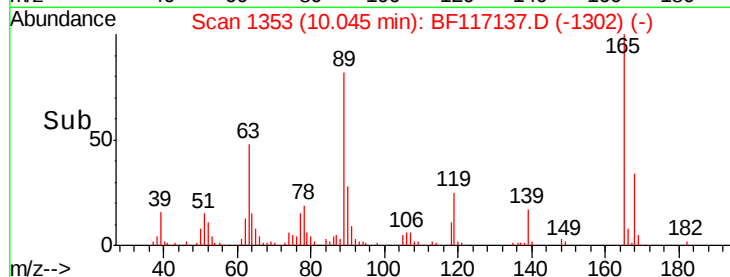
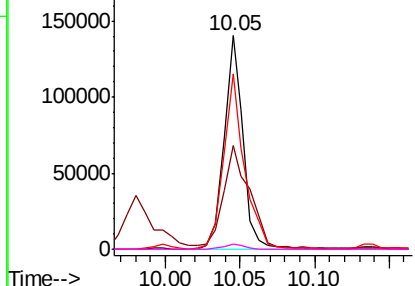
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 126124 |       |       |
| 63      | 48.5 |       | 35.0   | 52.4  |       |
| 89      | 81.9 |       | 66.1   | 99.1  |       |
| 182     | 2.5  |       | 2.0    | 3.0   |       |

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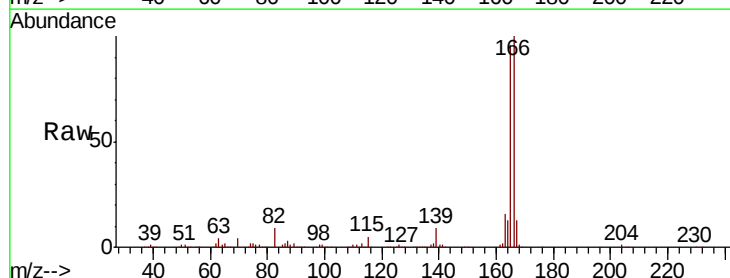


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

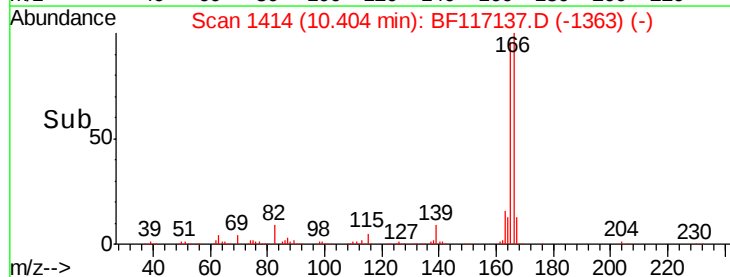
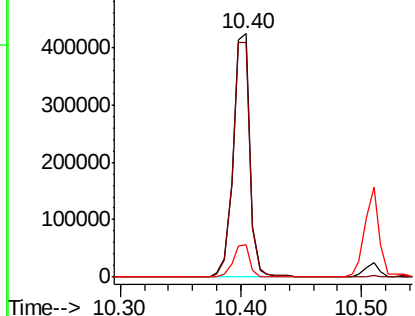


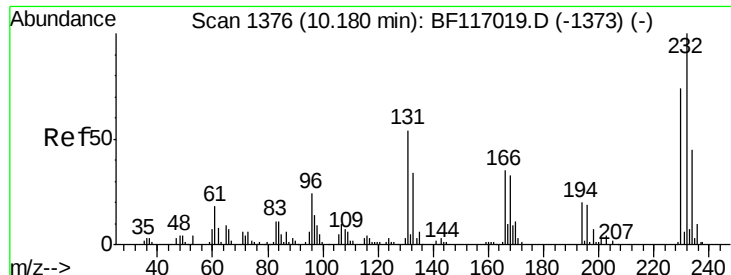
#58  
Fluorene  
Concen: 40.407 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 409468 |       |       |
| 165     | 96.2 |       | 78.9   | 118.3 |       |
| 167     | 13.1 |       | 10.6   | 15.8  |       |



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E





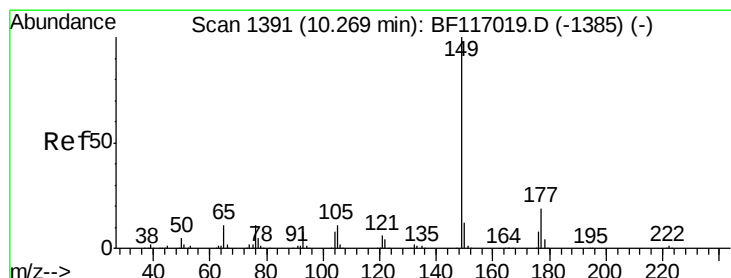
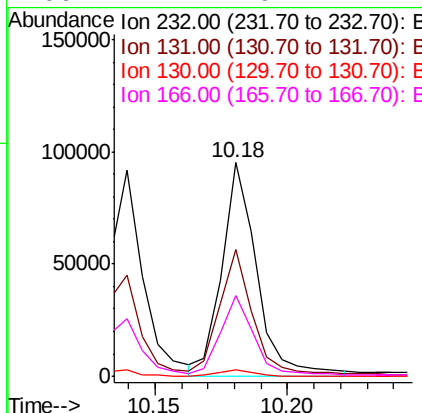
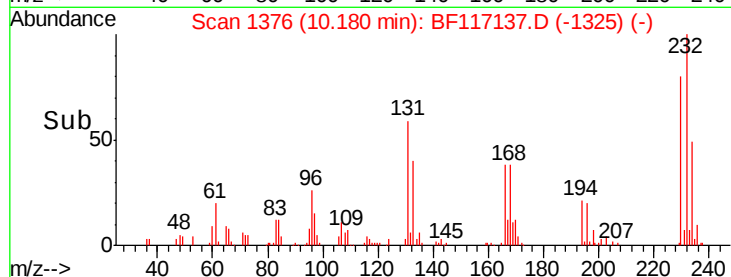
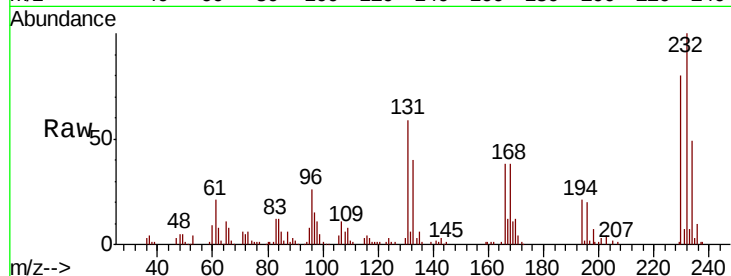
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.855 ng  
 RT: 10.18 min Scan# 1376  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.0  | 45.3  | 67.9  |
| 130     | 2.5   | 1.8   | 2.8   |
| 166     | 27.2  | 29.4  | 44.2# |

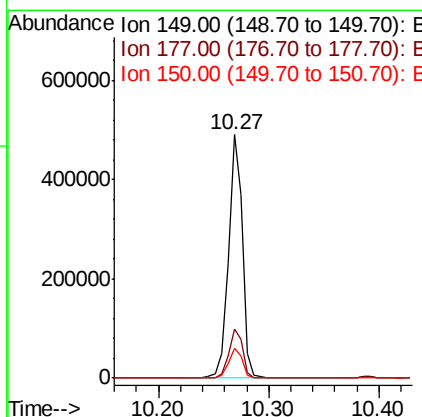
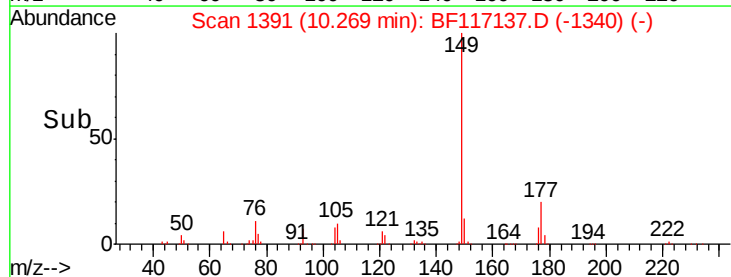
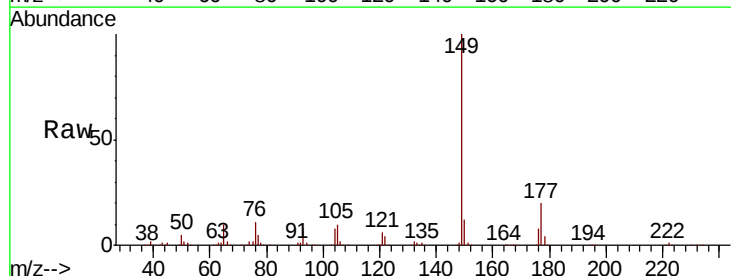
Manual Integrations  
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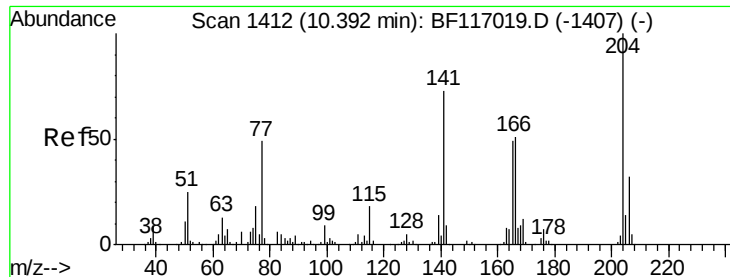
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#60  
 Diethylphthalate  
 Concen: 39.838 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.3  | 15.2  | 22.8  |
| 150     | 12.3  | 9.9   | 14.9  |





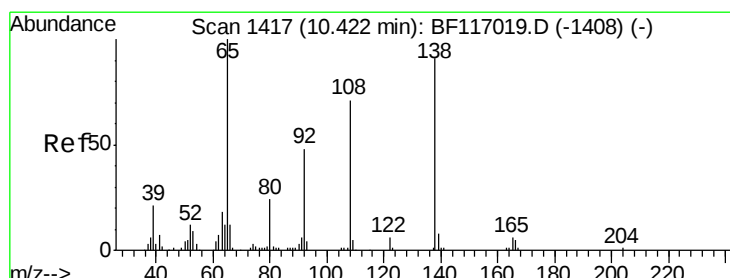
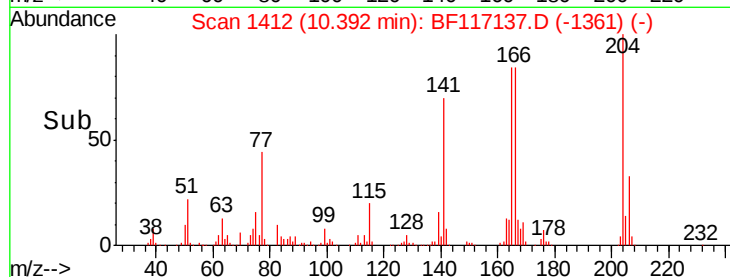
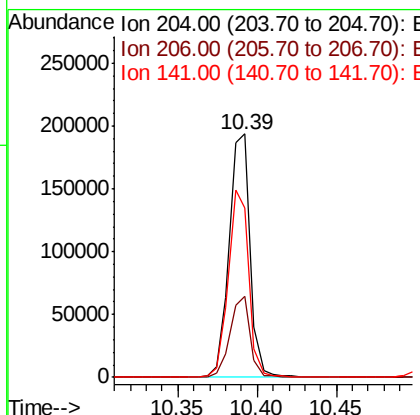
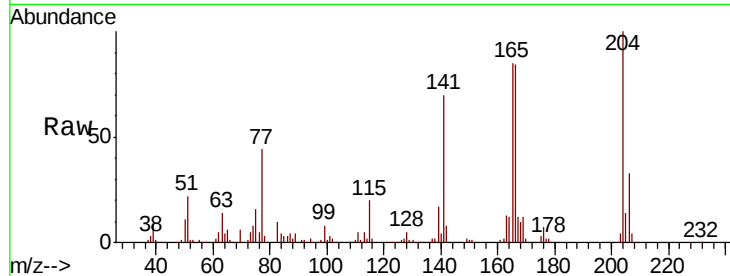
#61  
4-Chlorophenyl-phenylether  
Concen: 40.833 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampled :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.0  | 39.0  |
| 141     | 69.8  | 58.2  | 87.2  |

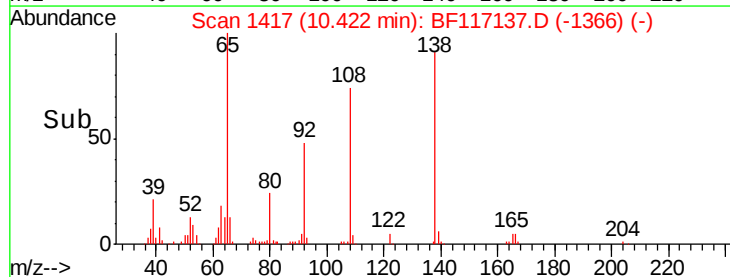
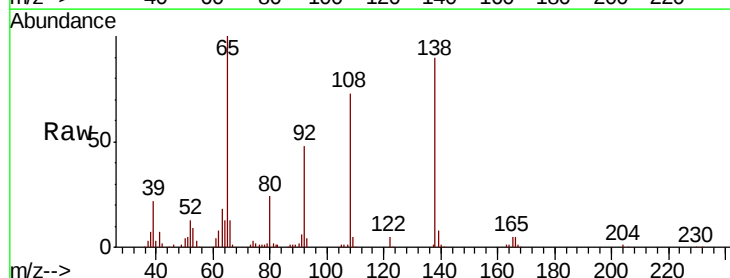
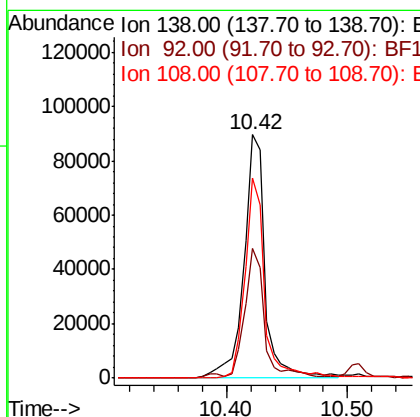
Manual Integrations  
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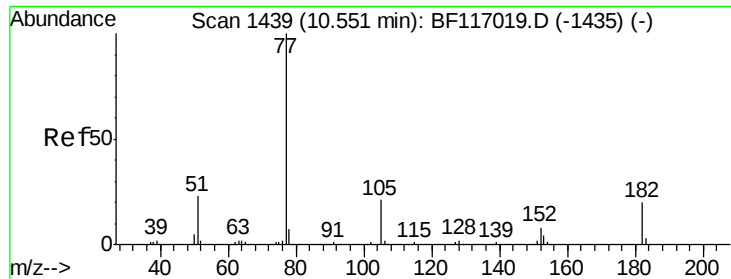
Jagrut  
9/19/2019 10:42:02 AM



#62  
4-Nitroaniline  
Concen: 37.617 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.4  | 32.9  | 72.9  |
| 108     | 82.0  | 58.3  | 98.3  |





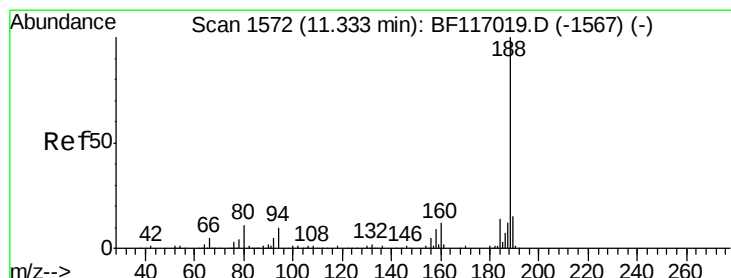
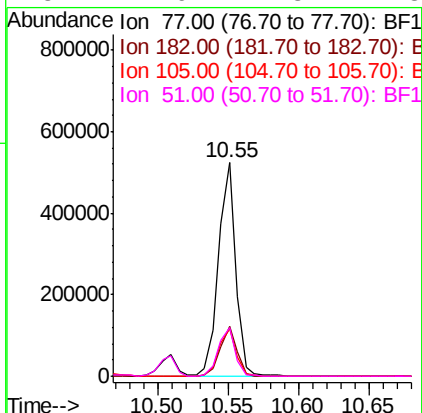
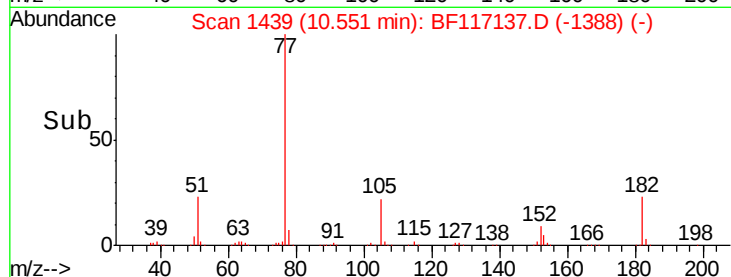
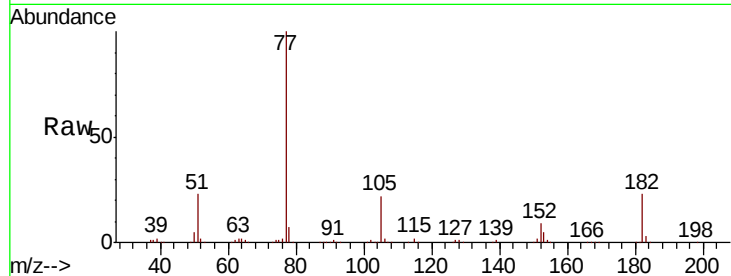
#63  
Azobenzene  
Concen: 40.146 ng  
RT: 10.55 min Scan# 1439  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 23.3 | 0.4   | 40.4 |       |       |
| 105     | 22.0 | 0.9   | 40.9 |       |       |
| 51      | 22.6 | 2.8   | 42.8 |       |       |

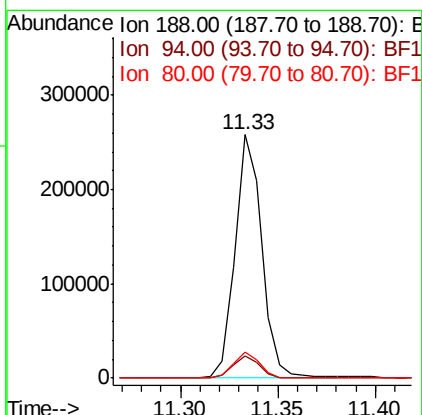
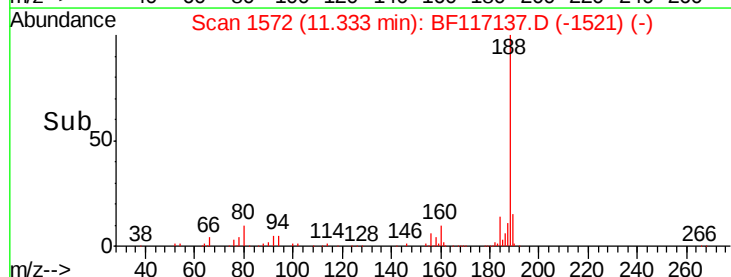
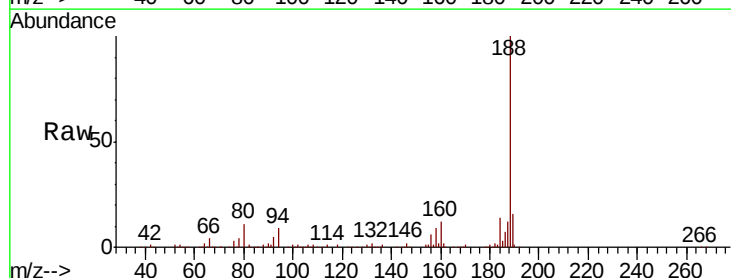
Manual Integrations  
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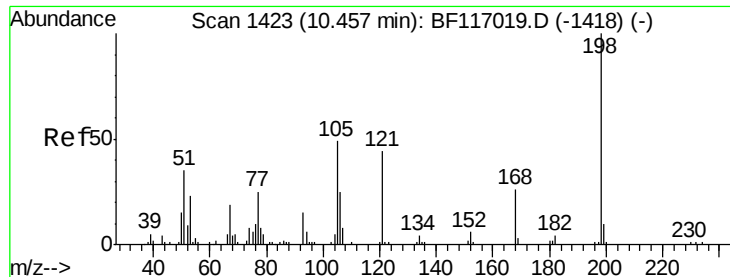
Jagrut  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 188     | 100  |       |      |       |       |
| 94      | 9.1  | 8.2   | 12.2 |       |       |
| 80      | 10.8 | 9.0   | 13.6 |       |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 45.434 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

PB123129BS

Tot Ion:198 Resp: 50356

Ion Ratio Lower Upper

198 100

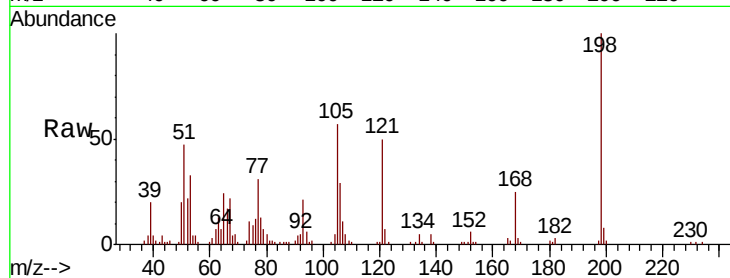
51 46.6 18.7 58.7

105 56.7 30.2 70.2

Manual Integrations  
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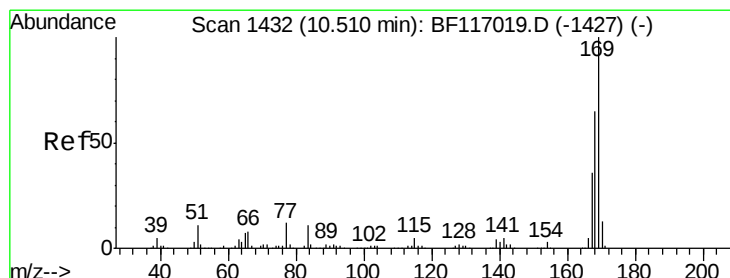
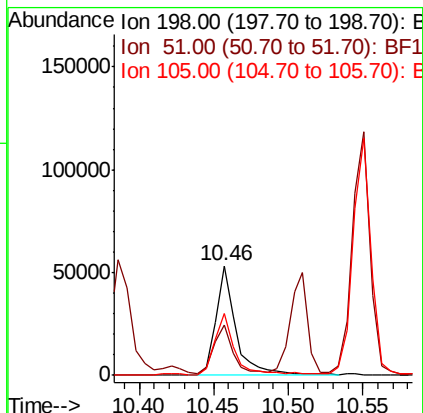
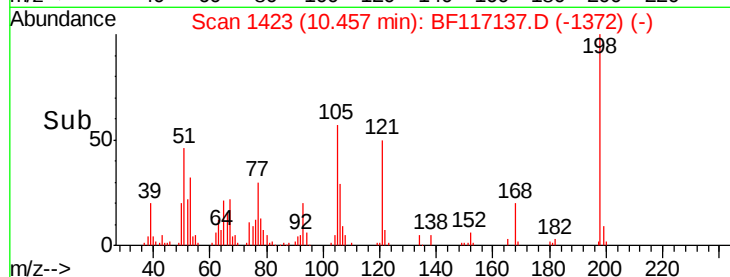
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.288 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

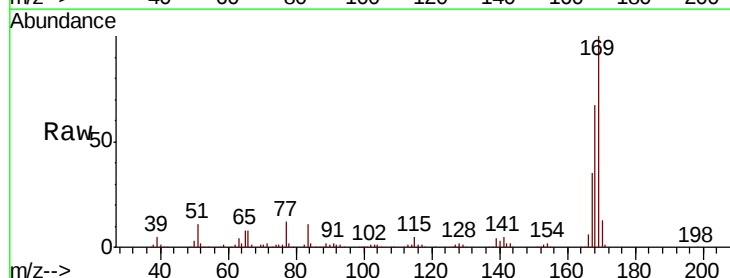
Tgt Ion:169 Resp: 358651

Ion Ratio Lower Upper

169 100

168 67.2 52.2 78.2

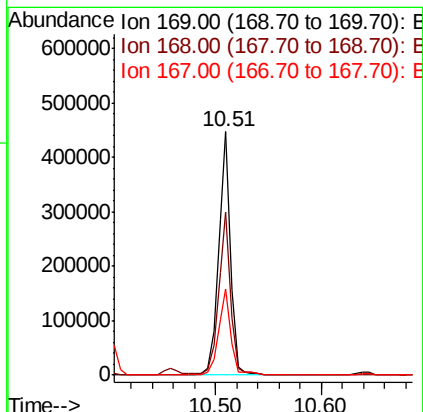
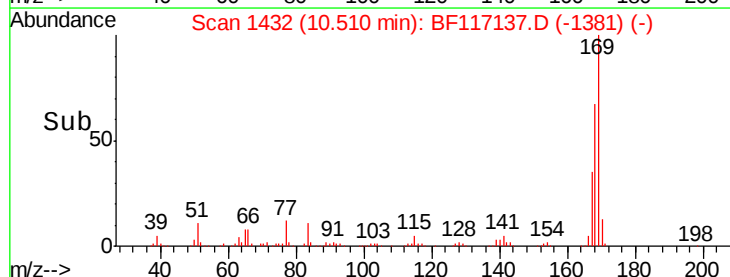
167 35.2 28.8 43.2

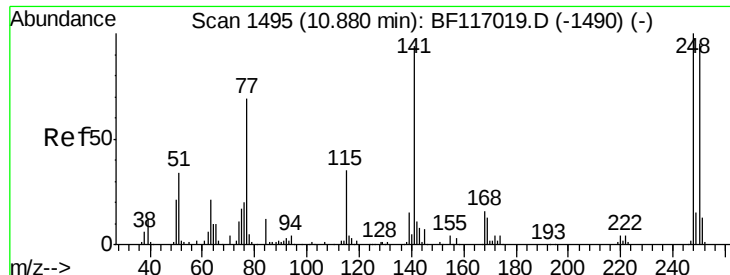


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





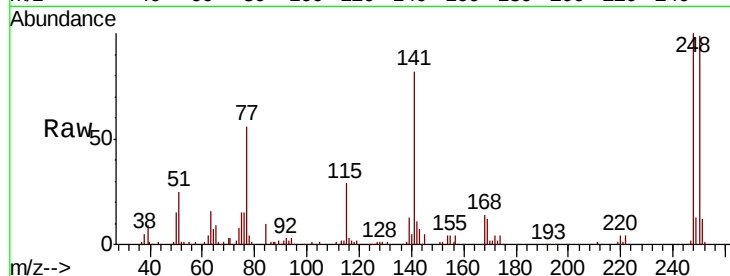
#67  
4-Bromophenyl-phenylether  
Concen: 41.238 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.5  | 76.2  | 114.4 |
| 141     | 82.5  | 75.0  | 112.4 |

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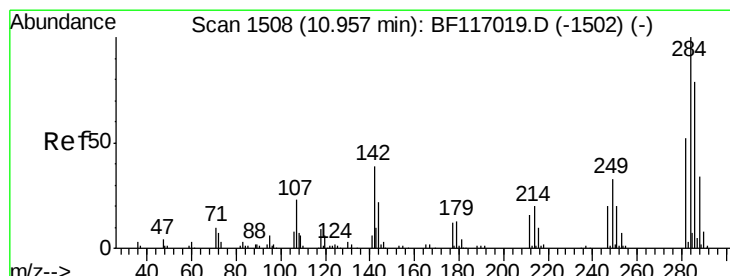
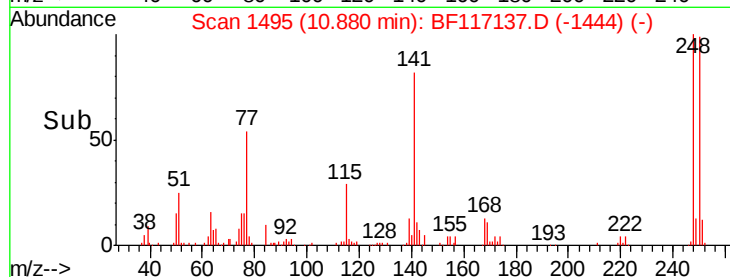
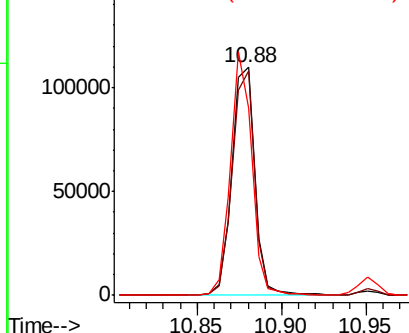


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 39.949 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

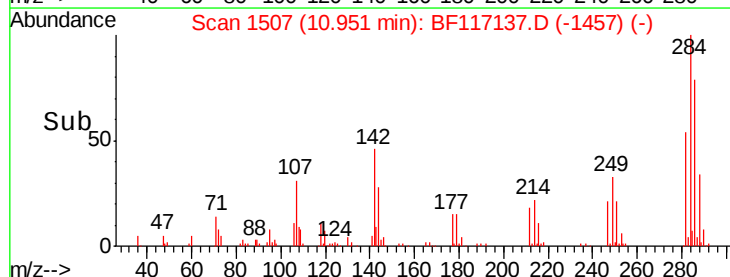
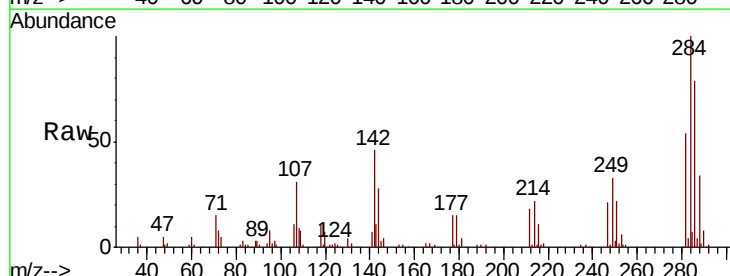
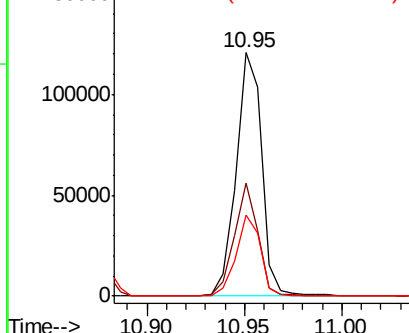
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 46.3  | 31.4  | 47.2  |
| 249     | 33.2  | 26.5  | 39.7  |

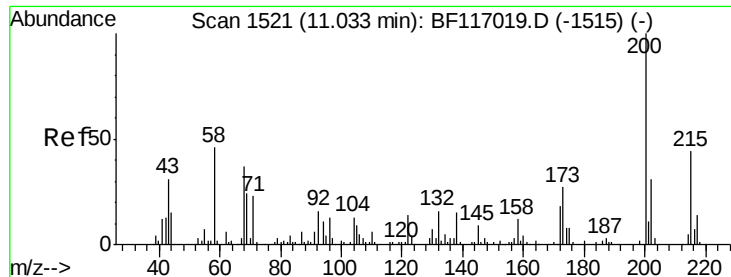
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





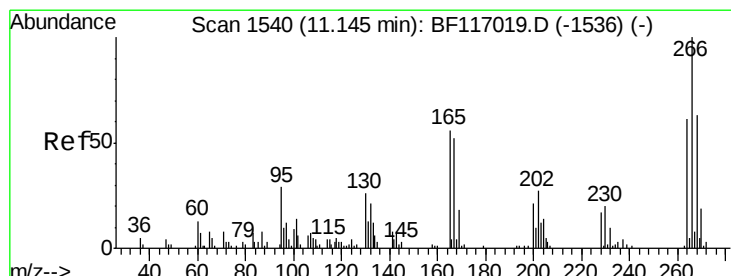
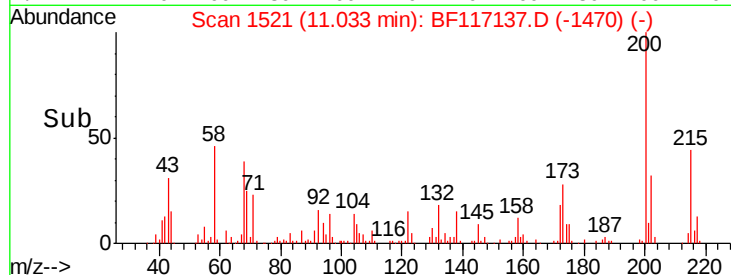
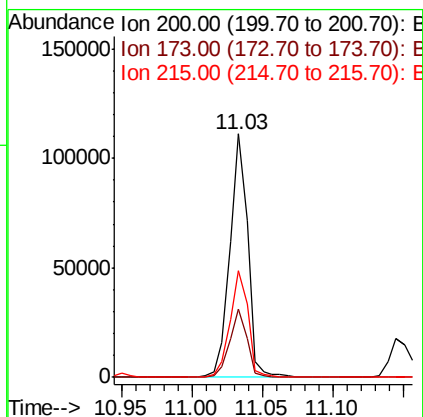
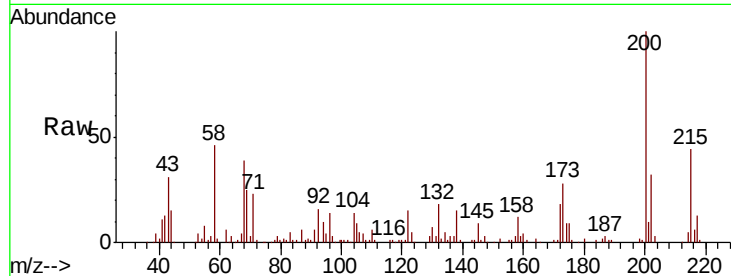
#69  
Atrazine  
Concen: 47.176 ng  
RT: 11.03 min Scan# 1521  
Delta R.T. 0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampled :  
PB123129BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.0  | 6.9        | 46.9  |
| 215     | 43.7  | 23.8       | 63.8  |

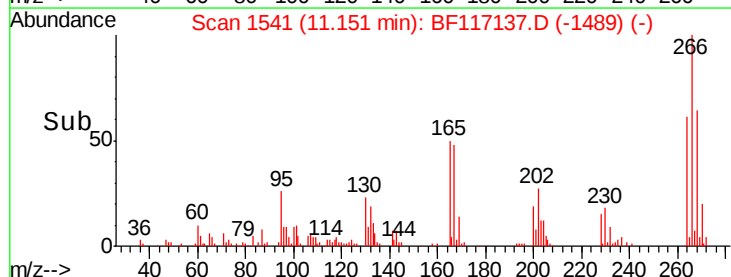
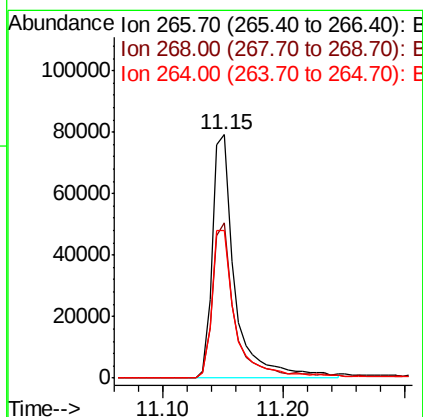
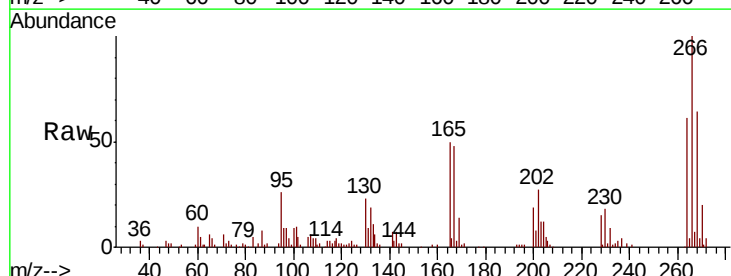
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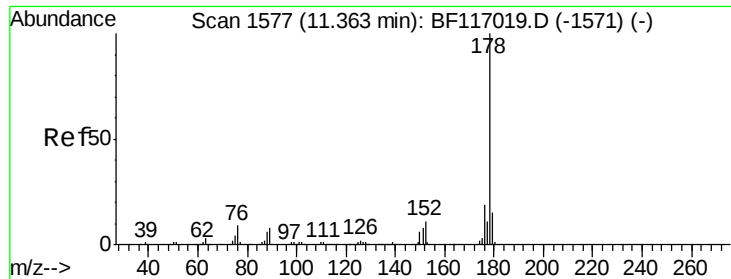
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9/19/2019 10:42:02 AM



#70  
Pentachlorophenol  
Concen: 79.454 ng  
RT: 11.15 min Scan# 1541  
Delta R.T. 0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 63.9  | 50.5       | 75.7  |
| 264     | 60.6  | 48.8       | 73.2  |





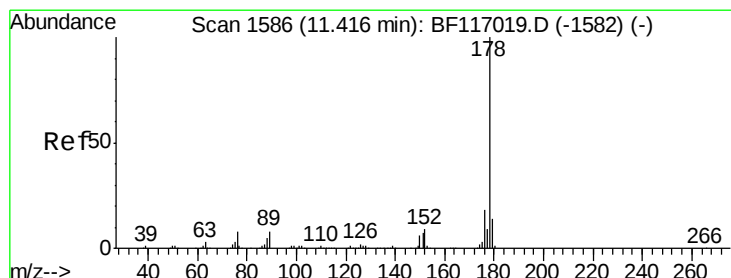
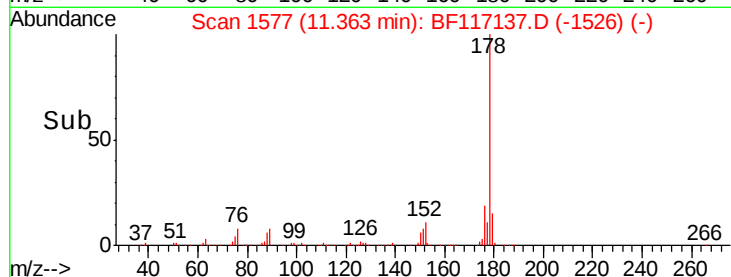
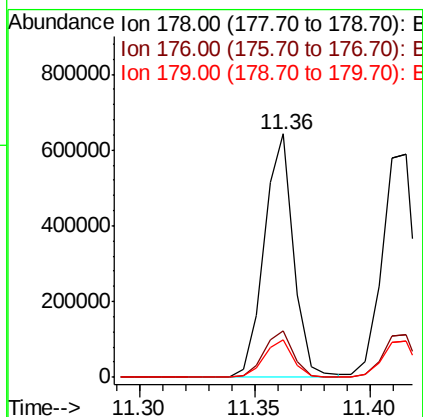
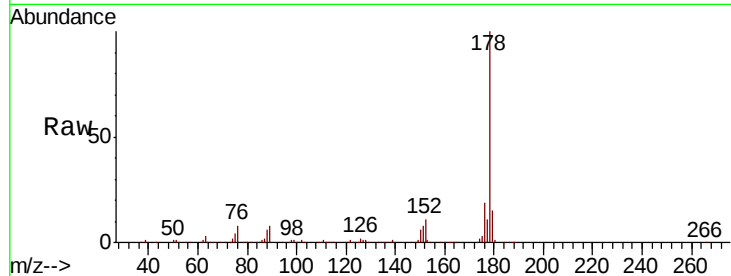
#71  
Phenanthrene  
Concen: 40.612 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 15.2  | 12.4  | 18.6  |

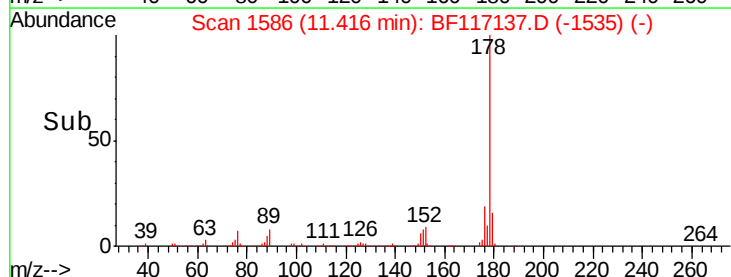
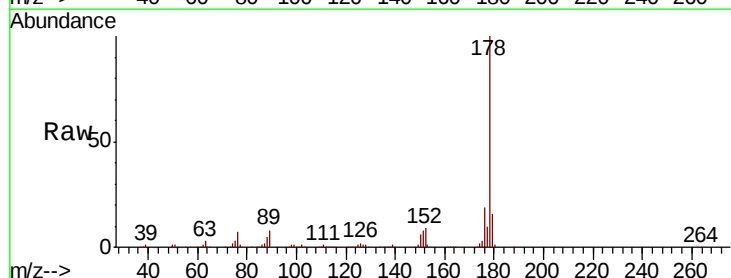
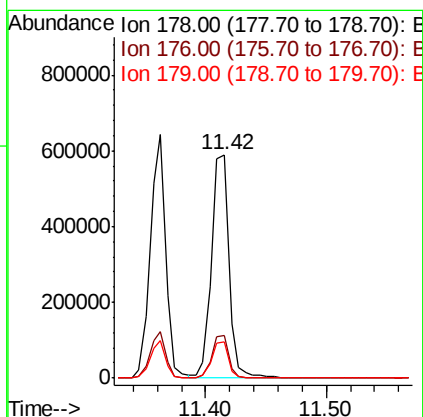
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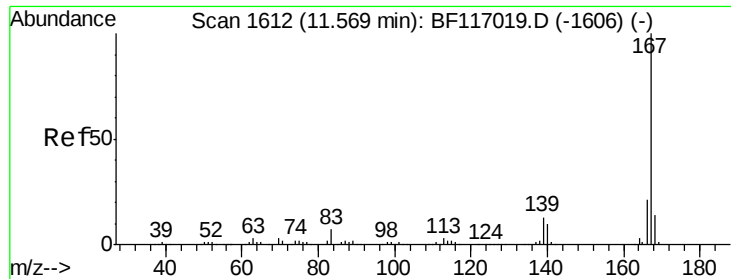
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#72  
Anthracene  
Concen: 41.256 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 14.6  | 21.8  |
| 179     | 16.0  | 11.6  | 17.4  |





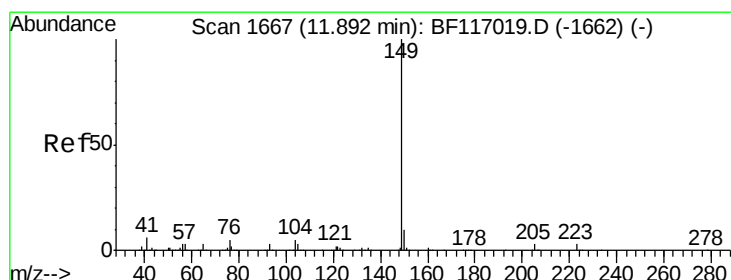
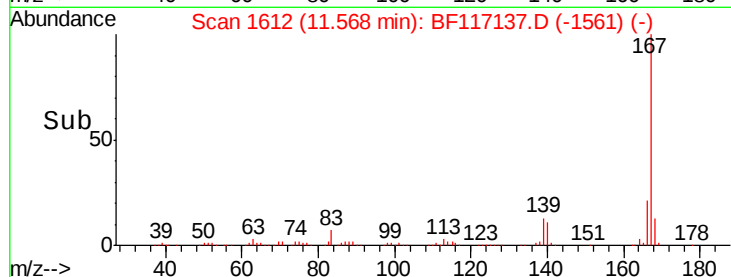
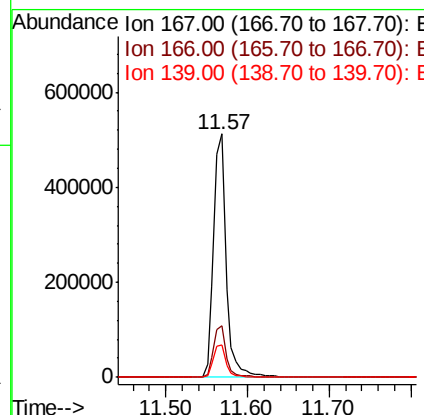
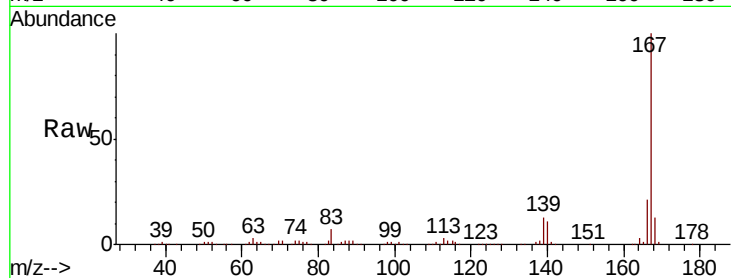
#73  
 Carbazole  
 Concen: 40.689 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 17.2  | 25.8  |
| 139     | 13.3  | 10.6  | 16.0  |

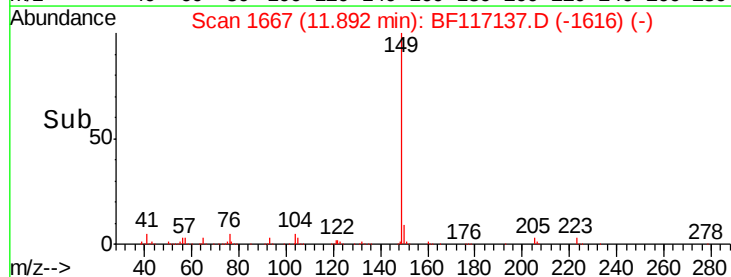
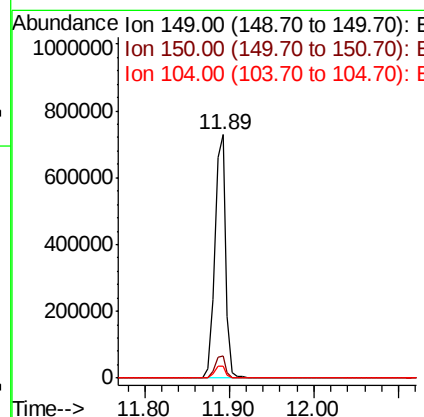
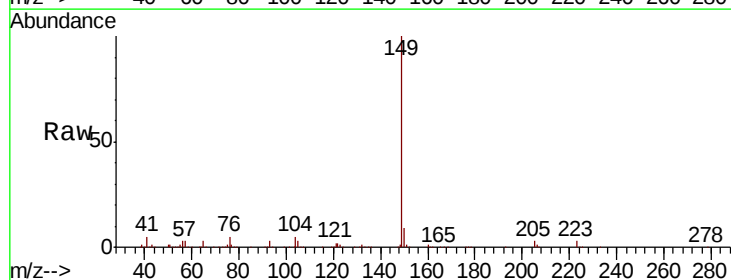
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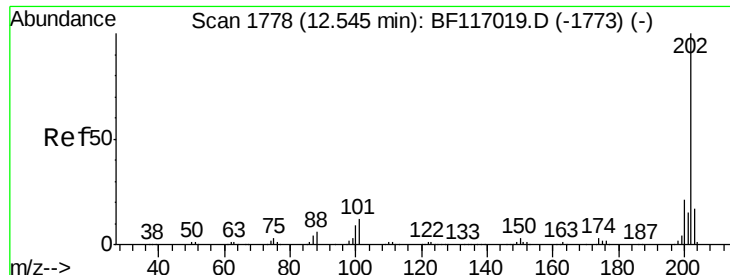
Jagrut  
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#74  
 Di-n-butylphthalate  
 Concen: 41.377 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.7   | 11.5  |
| 104     | 4.9   | 4.2   | 6.4   |





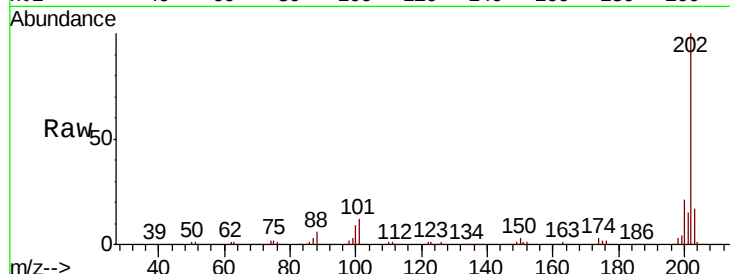
#75  
**Fluoranthene**  
 Concen: 38.967 ng  
 RT: 12.54 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 11.6  | 0.0        | 32.3  |
| 203     | 17.4  | 0.0        | 37.1  |

Manual Integrations  
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 9/19/2019 10:42:02 AM

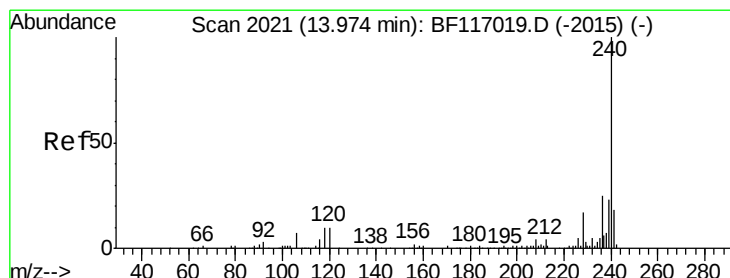
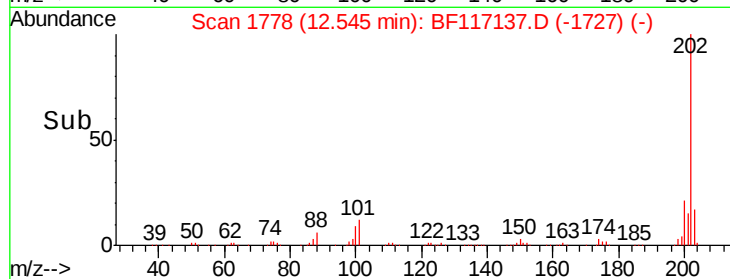
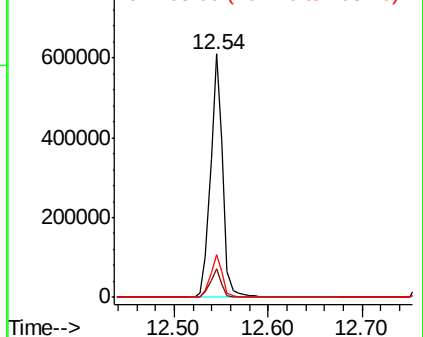


Abundance

Ion 202.00 (201.70 to 202.70): E

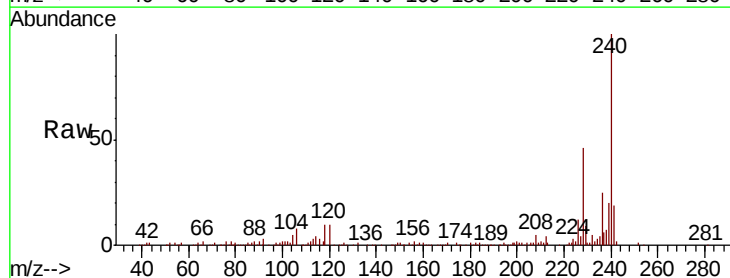
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76  
**Chrysene-d12**  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 10.1  | 8.3        | 12.5  |
| 236     | 25.0  | 20.3       | 30.5  |

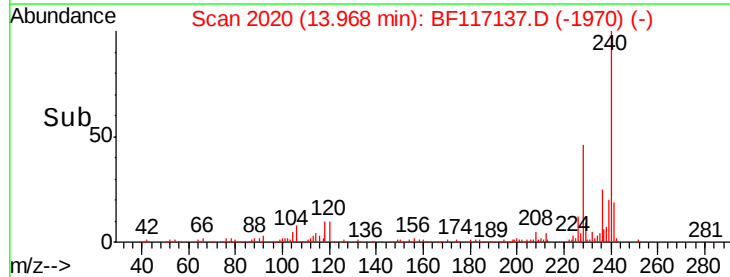
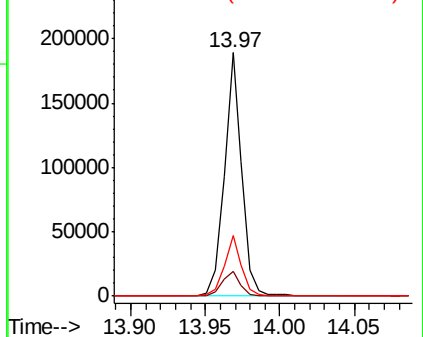


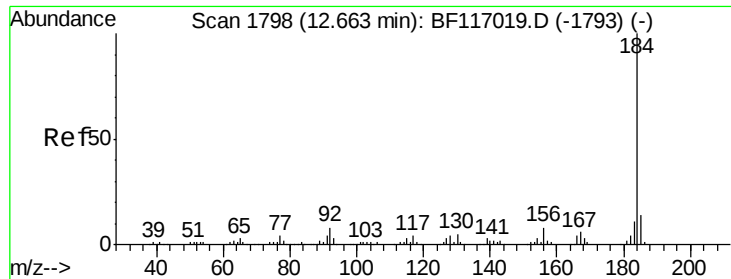
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.546 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampleId :

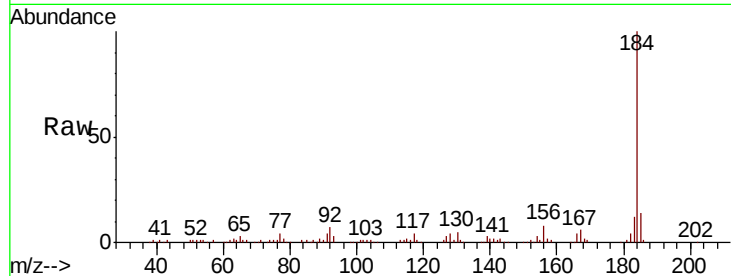
PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 207492 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.2  | 11.6  | 17.4   |
| 183       | 11.6  | 9.0   | 13.4   |

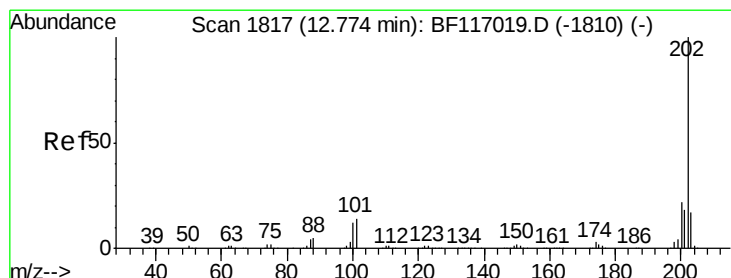
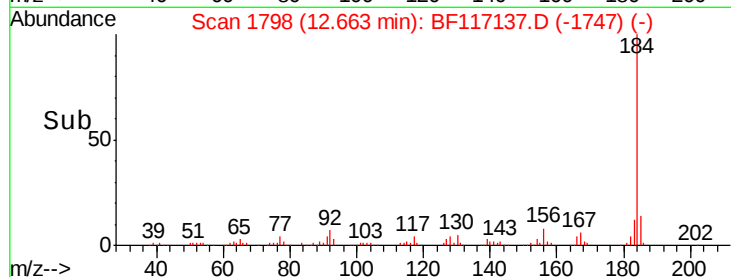
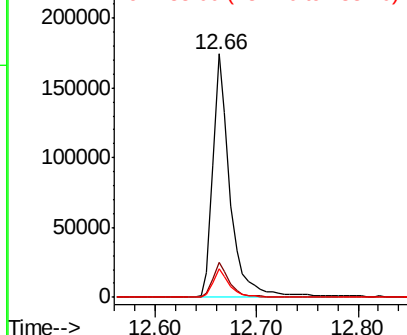
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.194 ng

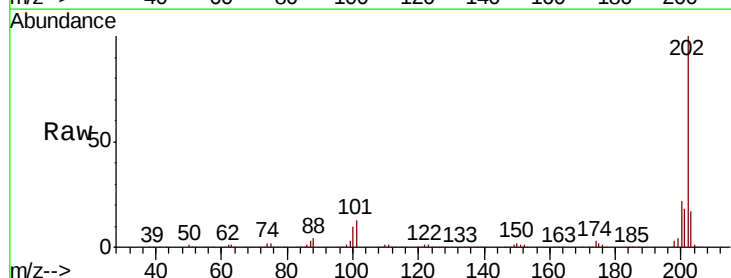
RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

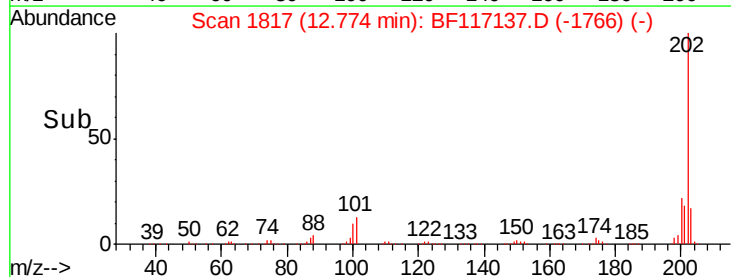
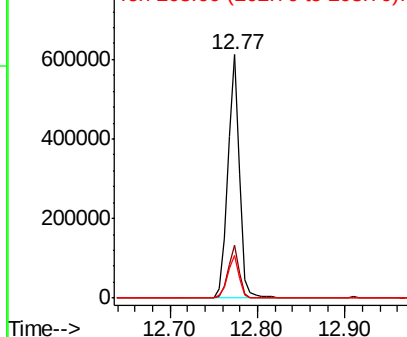
Lab File: BF117137.D

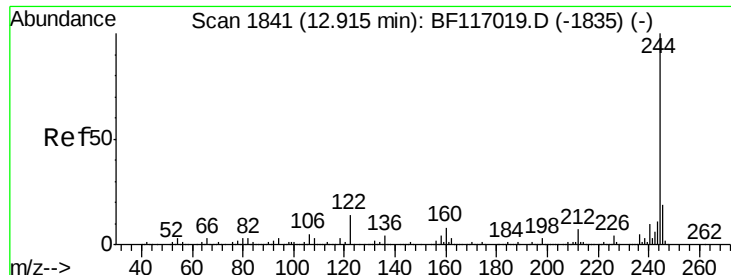
Acq: 18 Sep 2019 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 561916 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.6  | 17.2  | 25.8   |
| 203       | 17.5  | 14.0  | 21.0   |



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





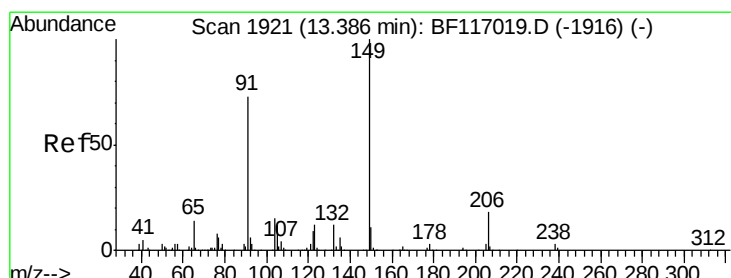
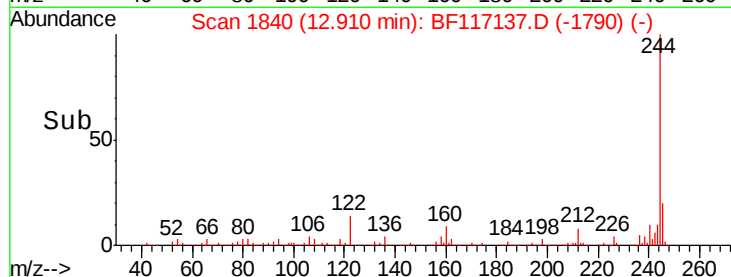
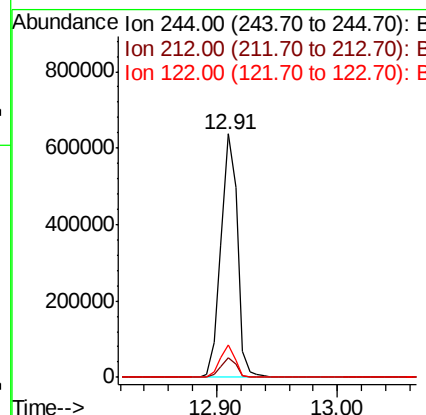
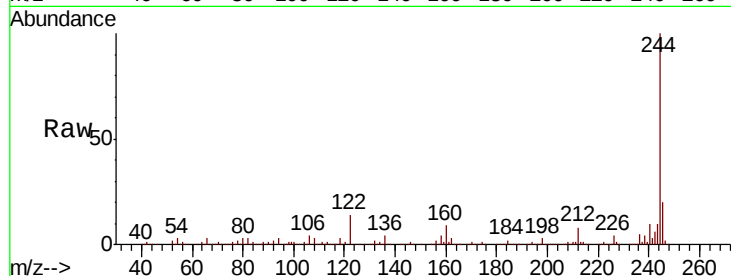
#79  
 Terphenyl-d14  
 Concen: 71.656 ng  
 RT: 12.91 min Scan# 1840  
 Delta R.T. -0.01 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB123129BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 594345 |       |       |
| 212     | 7.8   | 5.8    | 8.8   |       |
| 122     | 13.6  | 11.3   | 16.9  |       |

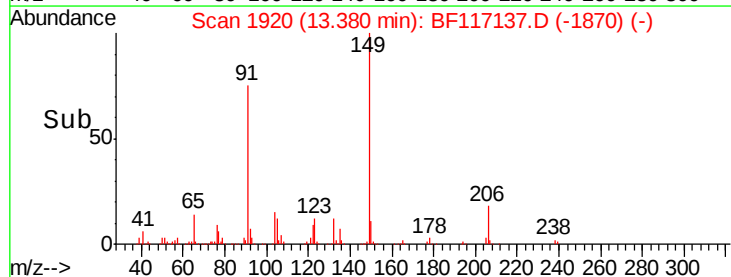
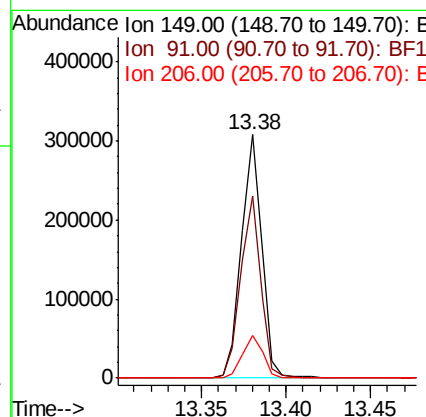
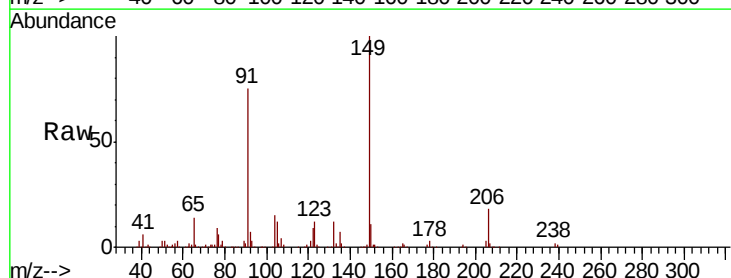
Manual Integrations  
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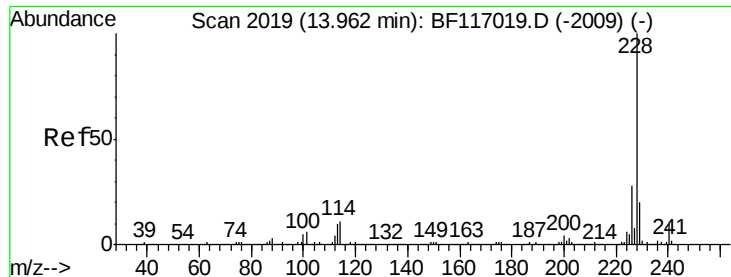
Jagrut  
 9/19/2019 10:42:02 AM



#80  
 Butylbenzylphthalate  
 Concen: 41.920 ng  
 RT: 13.38 min Scan# 1920  
 Delta R.T. -0.01 min  
 Lab File: BF117137.D  
 Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 257687 |       |       |
| 91      | 75.1  | 58.8   | 88.2  |       |
| 206     | 17.6  | 14.1   | 21.1  |       |





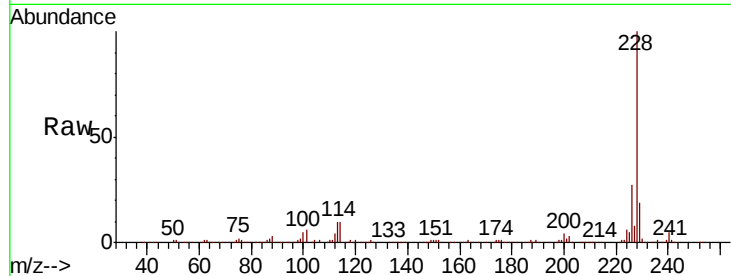
#81  
Benzo(a)anthracene  
Concen: 39.249 ng  
RT: 13.96 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.3  | 22.3  | 33.5  |
| 229     | 19.1  | 15.9  | 23.9  |

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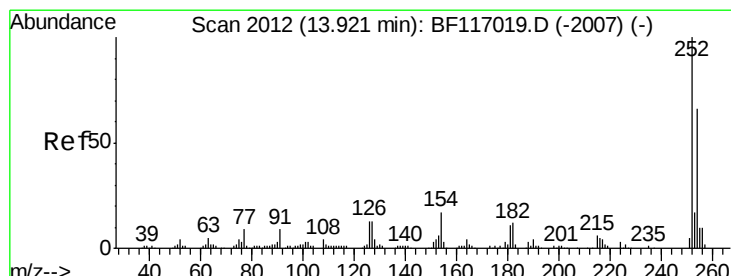
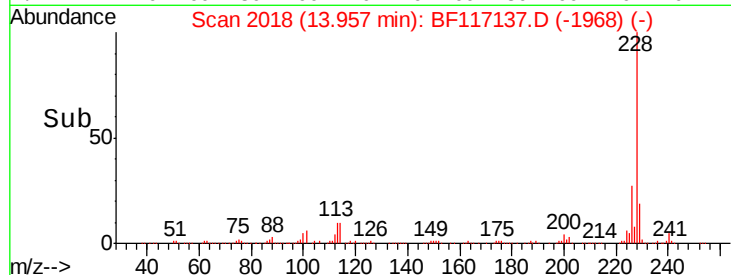
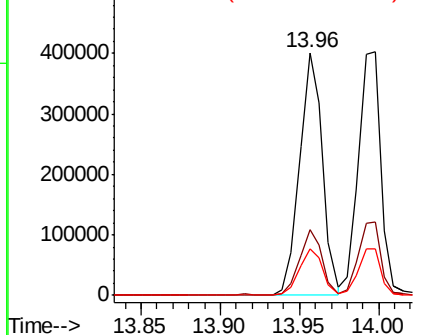


Abundance

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: 30.027 ng  
RT: 13.92 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

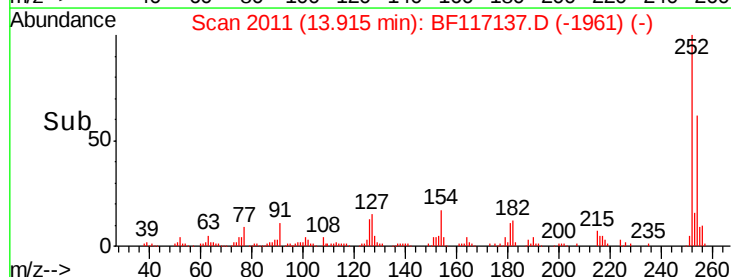
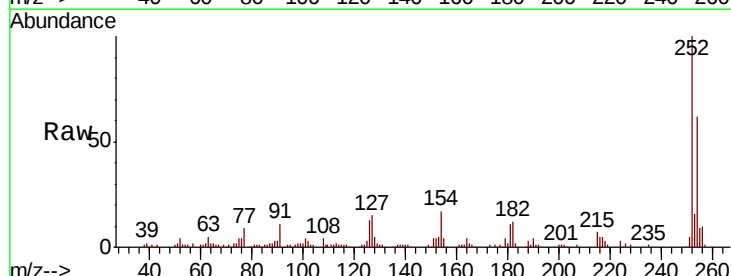
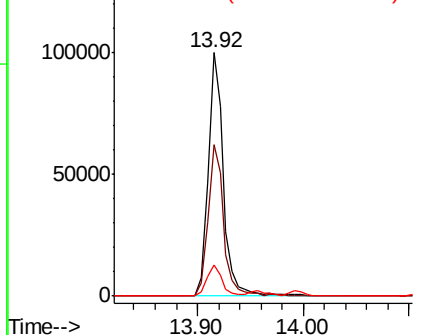
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.0  | 52.6  | 79.0  |
| 126     | 12.6  | 10.4  | 15.6  |

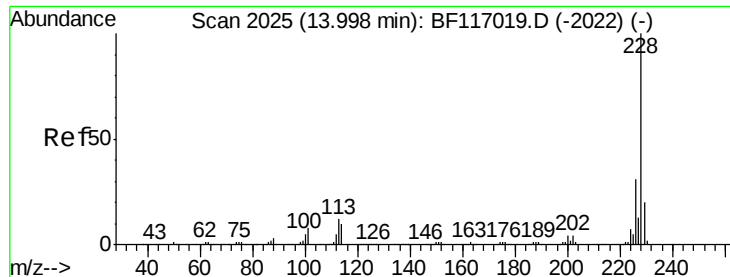
Abundance

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





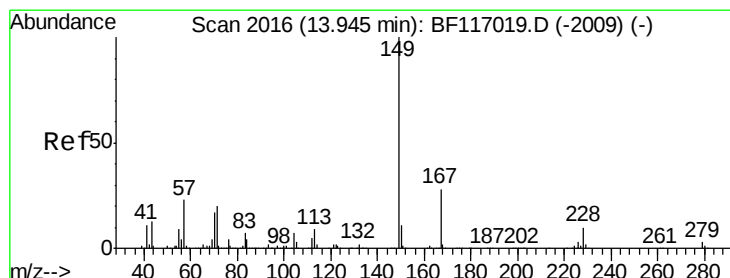
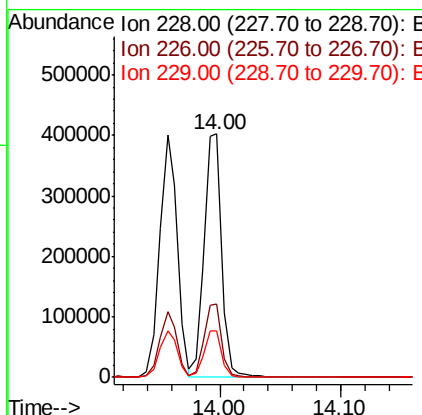
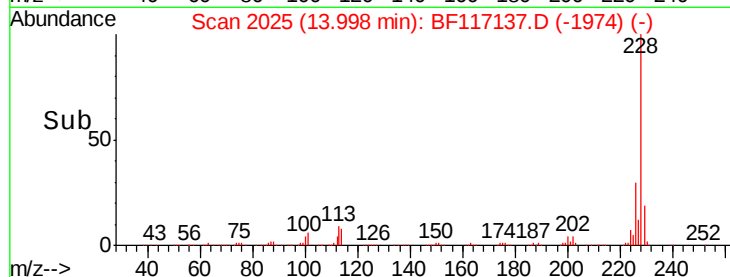
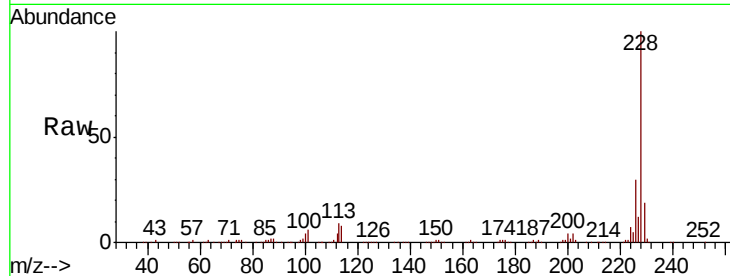
#83  
Chrysene  
Concen: 40.144 ng  
RT: 14.00 min Scan# 2025  
Delta R.T. -0.00 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.2  | 24.8  | 37.2  |
| 229     | 18.9  | 15.8  | 23.8  |

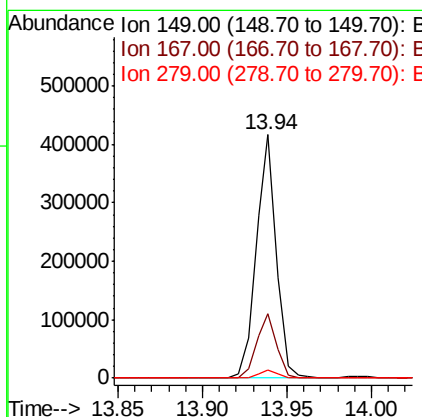
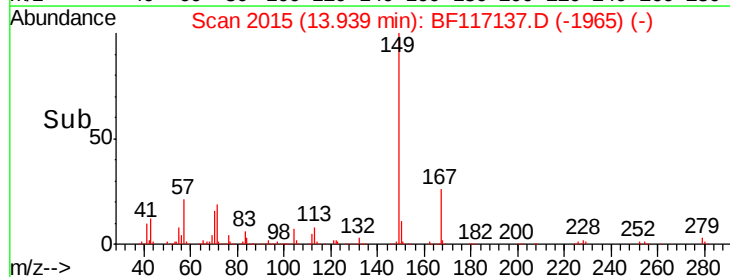
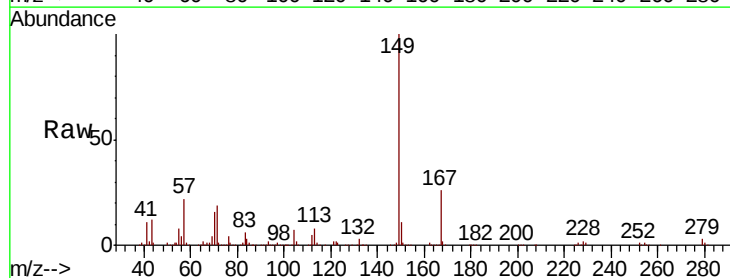
Manual Integrations  
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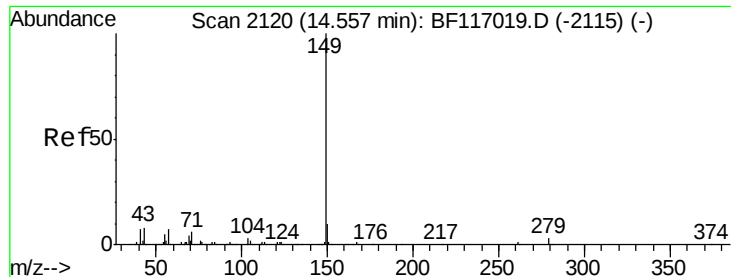
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.399 ng  
RT: 13.94 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.3  | 22.2  | 33.2  |
| 279     | 3.4   | 2.8   | 4.2   |





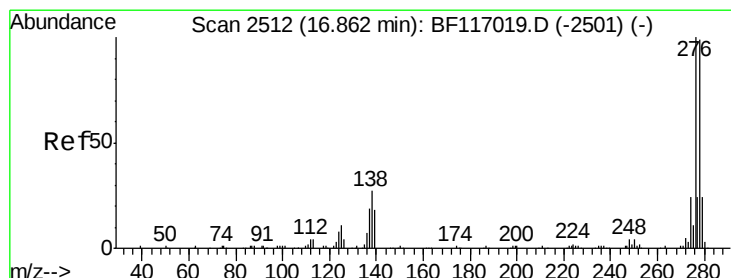
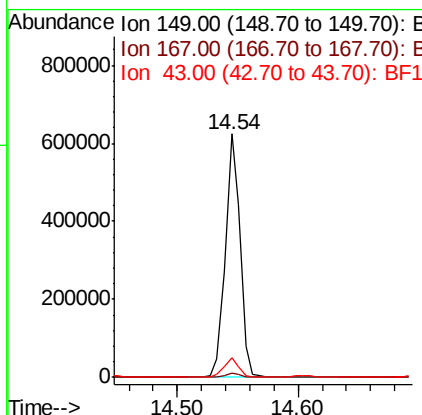
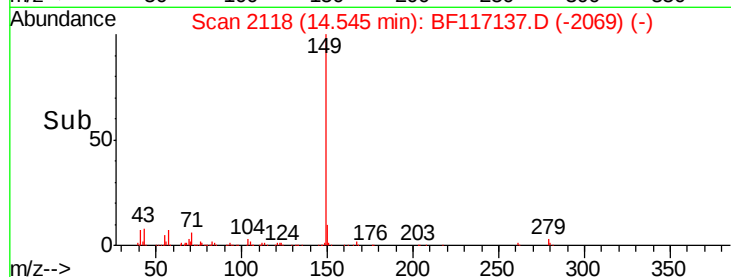
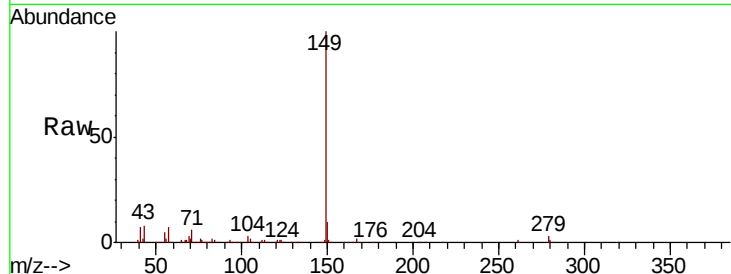
#85  
Di-n-octyl phthalate  
Concen: 42.102 ng  
RT: 14.54 min Scan# 2118  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 7.3   | 6.2   | 9.4   |

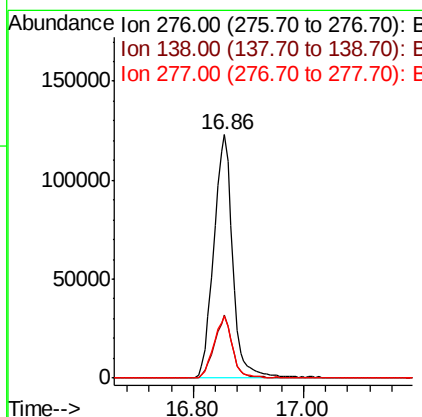
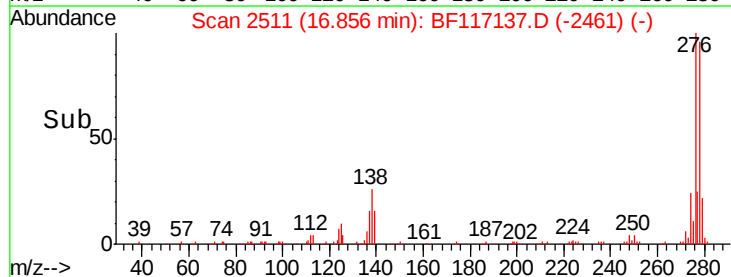
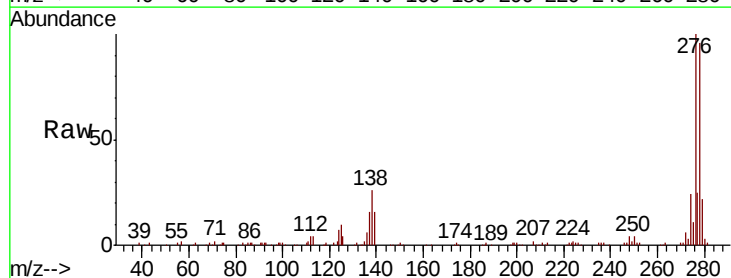
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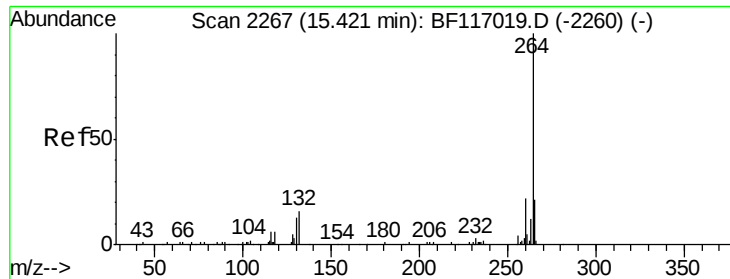
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 39.930 ng  
RT: 16.86 min Scan# 2511  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.2  | 20.7  | 31.1  |
| 277     | 24.6  | 19.8  | 29.8  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

Instrument :

BNA\_F

ClientSampled :

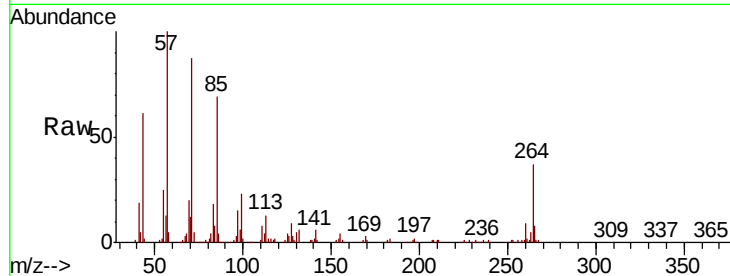
PB123129BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 115302 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.8  | 17.6  | 26.4   |
| 265       | 21.3  | 16.6  | 24.8   |

Manual Integrations  
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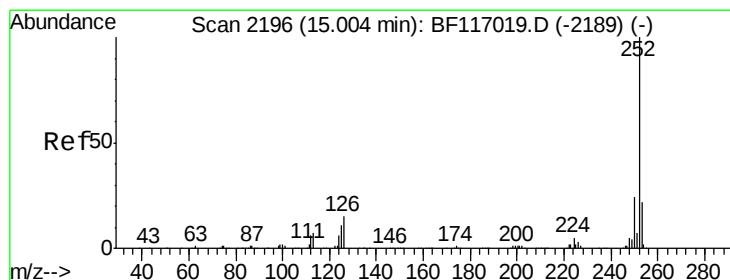
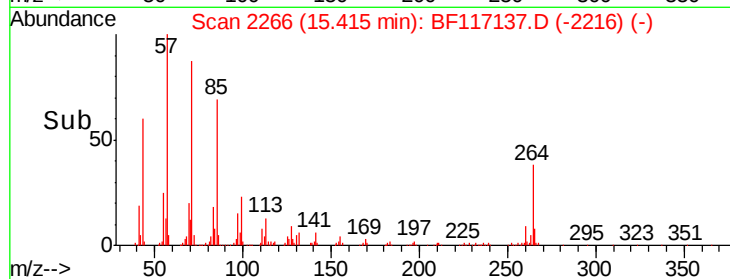
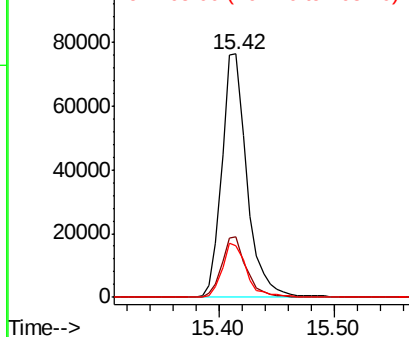


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.885 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BF117137.D

Acq: 18 Sep 2019 10:15

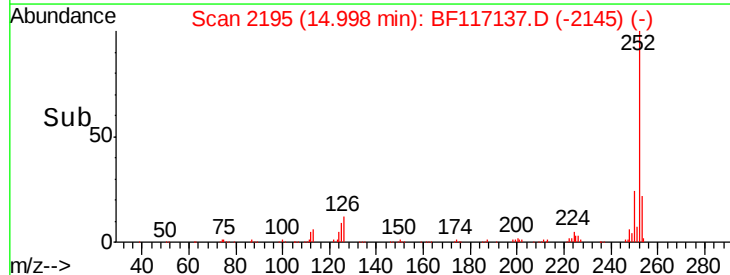
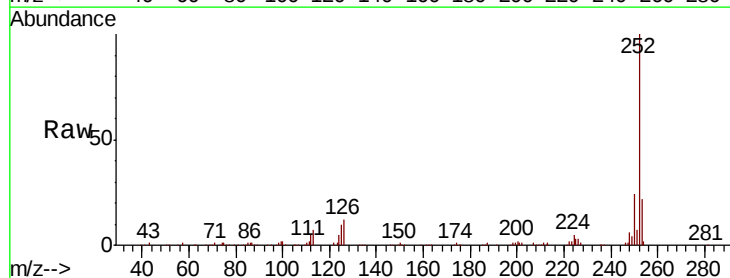
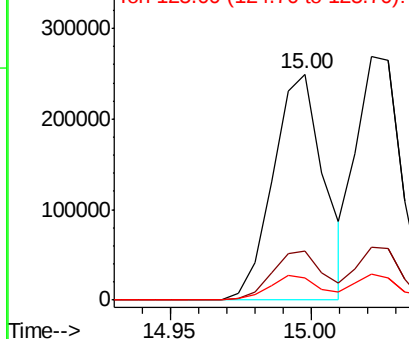
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 313485 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.6  | 26.4   |
| 125       | 9.9   | 8.6   | 12.8   |

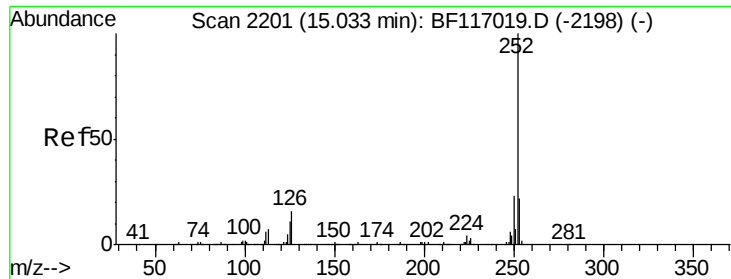
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





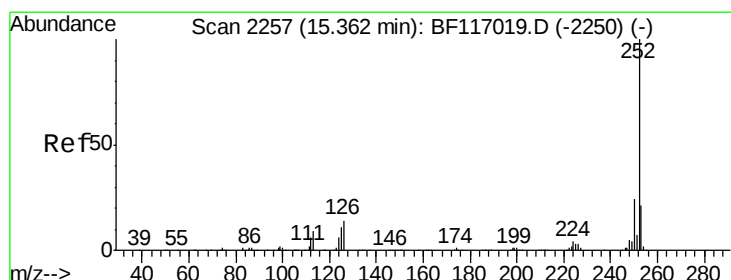
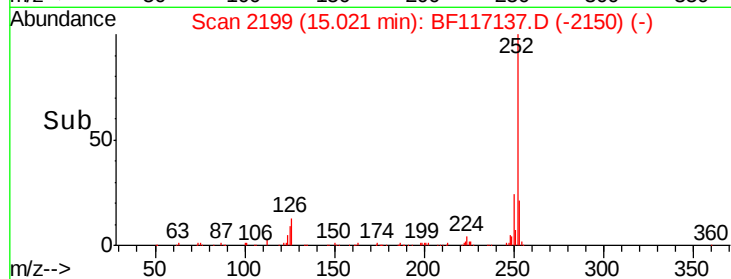
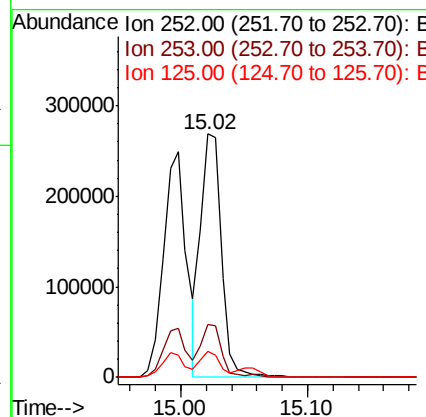
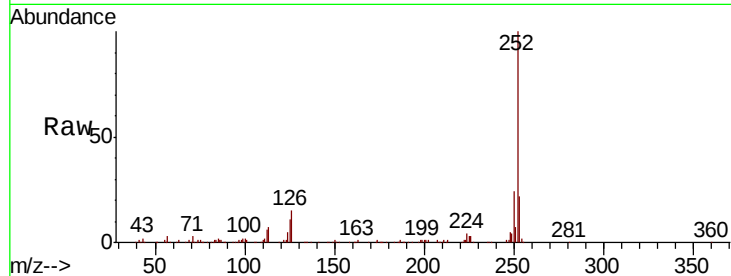
#89  
Benzo(k)fluoranthene  
Concen: 45.827 ng  
RT: 15.02 min Scan# 2199  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.2  |
| 125     | 10.9  | 8.8   | 13.2  |

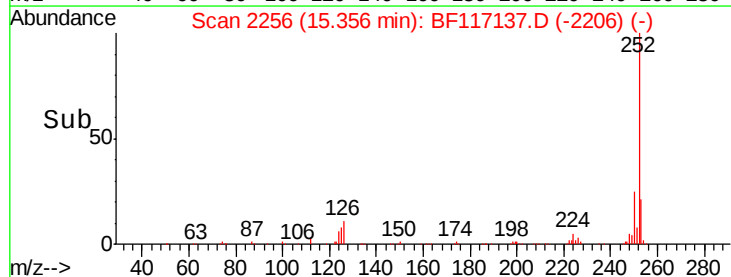
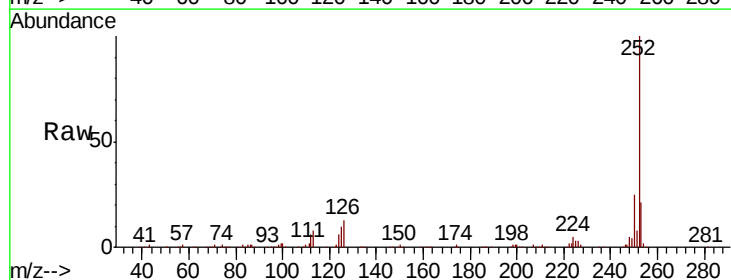
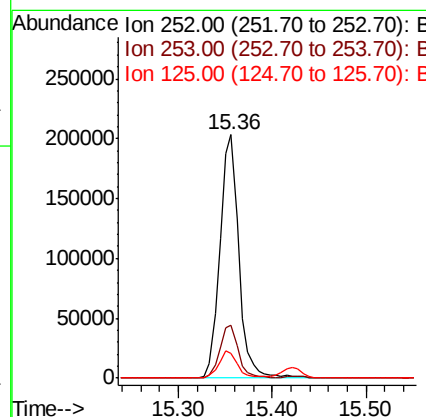
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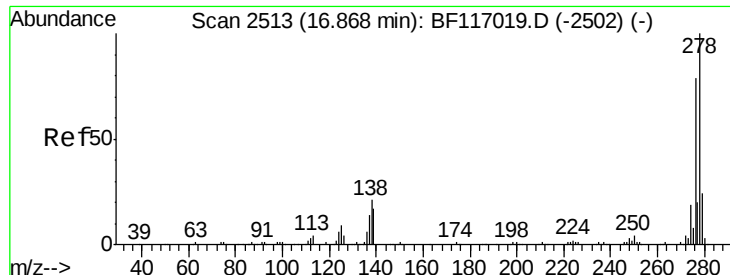
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#90  
Benzo(a)pyrene  
Concen: 46.974 ng  
RT: 15.36 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 16.6  | 25.0  |
| 125     | 10.3  | 8.9   | 13.3  |





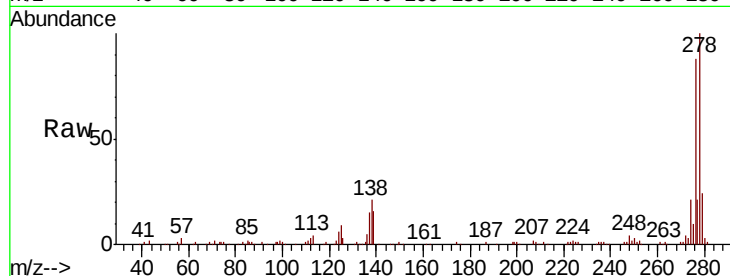
#91  
Dibenzo(a,h)anthracene  
Concen: 50.914 ng  
RT: 16.86 min Scan# 2512  
Delta R.T. -0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

Instrument :  
BNA\_F  
ClientSampleId :  
PB123129BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.1  | 13.5  | 20.3  |
| 279     | 24.1  | 18.8  | 28.2  |

Manual Integrations  
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9/19/2019 10:42:02 AM

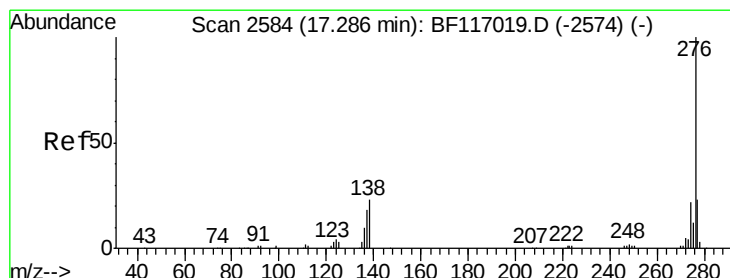
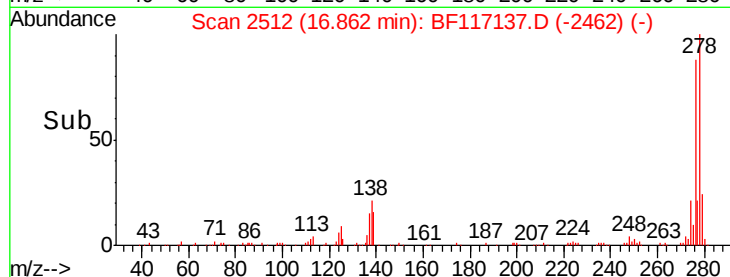
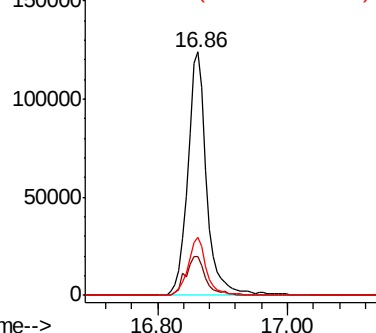


Abundance

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: 48.161 ng  
RT: 17.29 min Scan# 2585  
Delta R.T. 0.01 min  
Lab File: BF117137.D  
Acq: 18 Sep 2019 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 21.8  | 18.6  | 27.8  |
| 138     | 21.1  | 18.0  | 27.0  |

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

