

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\  
 Data File : BF117699.D  
 Acq On : 6 Nov 2019 14:20  
 Operator : JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Sohil  
 11/8/2019 3:30:32 PM

Quant Time: Nov 06 15:16:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 14:03:21 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 389720   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.23  | 136  | 1427537  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.99  | 164  | 753973   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.48 | 188  | 1371311  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.13 | 240  | 879145   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 835992   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 2399089 | 101.60 | ng | 0.00 |
| 7) Phenol-d6             | 6.56  | 99  | 2969008 | 101.83 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.51  | 82  | 2827616 | 122.03 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.78 | 330 | 842943  | 114.72 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.31  | 172 | 4326393 | 110.05 | ng | 0.00 |
| 79) Terphenyl-d14        | 13.07 | 244 | 4697404 | 110.95 | ng | 0.00 |

## Target Compounds

|                                |      |     |          |        |    | Qvalue |
|--------------------------------|------|-----|----------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.76 | 88  | 622943   | 56.631 | ng | 99     |
| 3) Pyridine                    | 3.52 | 79  | 1712369  | 57.671 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.49 | 42  | 758683   | 56.418 | ng | 98     |
| 6) Aniline                     | 6.60 | 93  | 2169627  | 54.838 | ng | 99     |
| 8) 2-Chlorophenol              | 6.73 | 128 | 1350487  | 55.751 | ng | 98     |
| 9) Benzaldehyde                | 6.49 | 77  | 1037491  | 67.626 | ng | 98     |
| 10) Phenol                     | 6.57 | 94  | 1584041m | 54.403 | ng |        |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 1348066  | 56.405 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.88 | 146 | 1561057  | 55.821 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 1559742  | 55.536 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.12 | 146 | 1418289  | 55.124 | ng | 99     |
| 15) Benzyl Alcohol             | 7.08 | 79  | 1214949  | 56.790 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.22 | 45  | 2128011  | 55.958 | ng | 98     |
| 17) 2-Methylphenol             | 7.18 | 107 | 1179432  | 56.408 | ng | 99     |
| 18) Hexachloroethane           | 7.46 | 117 | 588293   | 56.547 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 981796   | 55.343 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.34 | 107 | 1351564  | 54.796 | ng | 94     |
| 22) Acetophenone               | 7.35 | 105 | 1846857  | 57.442 | ng | 98     |
| 24) Nitrobenzene               | 7.53 | 77  | 1469077  | 61.588 | ng | 99     |
| 25) Isophorone                 | 7.77 | 82  | 2695540  | 60.678 | ng | 100    |
| 26) 2-Nitrophenol              | 7.84 | 139 | 718934   | 68.502 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 1152528  | 60.695 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 1712950  | 61.068 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.08 | 162 | 1192259  | 62.354 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.17 | 180 | 1351817  | 61.683 | ng | 99     |
| 31) Naphthalene                | 8.25 | 128 | 3632781  | 58.530 | ng | 98     |
| 32) Benzoic acid               | 8.01 | 122 | 983731   | 69.509 | ng | 95     |
| 33) 4-Chloroaniline            | 8.29 | 127 | 1756588  | 59.967 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 771827   | 61.530 | ng | 97     |
| 35) Caprolactam                | 8.68 | 113 | 398062m  | 61.580 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.77 | 107 | 1198949  | 61.612 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 2499057  | 59.314 | ng | 99     |
| 38) 1-Methylnaphthalene        | 9.04 | 142 | 2356089  | 59.029 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.11 | 216 | 1190905  | 59.611 | ng | 100    |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

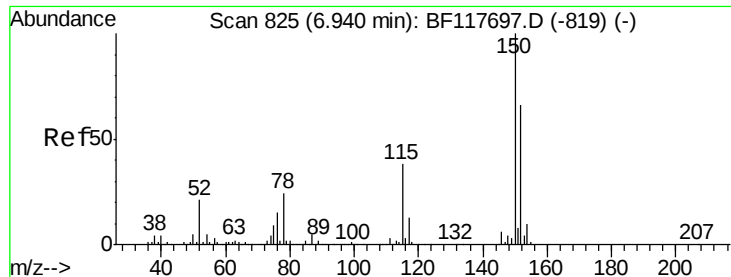
Sohil  
 11/8/2019 3:30:32 PM

Quant Time: Nov 06 15:16:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 06 14:03:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.10  | 237  | 679443   | 61.600  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.22  | 196  | 895457   | 64.955  | nq    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.25  | 196  | 884949   | 63.813  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.41  | 154  | 2911532  | 55.717  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 9.43  | 162  | 2496297  | 59.826  | nq    | 96       |
| 48) 2-Nitroaniline             | 9.53  | 65   | 819057   | 65.294  | nq    | 96       |
| 49) Acenaphthylene             | 9.85  | 152  | 3569727  | 58.107  | nq    | 97       |
| 50) Dimethylphthalate          | 9.71  | 163  | 2901862  | 60.581  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 680551   | 65.329  | nq    | 99       |
| 52) Acenaphthene               | 10.03 | 154  | 2308811  | 59.564  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.94  | 138  | 816403   | 64.388  | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 10.04 | 184  | 258412   | 76.621  | nq    | # 82     |
| 55) Dibenzofuran               | 10.20 | 168  | 3229557  | 59.194  | nq    | 97       |
| 56) 4-Nitrophenol              | 10.09 | 139  | 617357   | 65.705  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.17 | 165  | 888532   | 67.922  | nq    | 97       |
| 58) Fluorene                   | 10.54 | 166  | 2343916  | 57.950  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 743005   | 66.575  | nq    | 99       |
| 60) Diethylphthalate           | 10.41 | 149  | 2859949  | 60.856  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.53 | 204  | 1239734  | 59.262  | nq    | 96       |
| 62) 4-Nitroaniline             | 10.56 | 138  | 813907   | 65.887  | nq    | 97       |
| 63) Azobenzene                 | 10.69 | 77   | 2682684  | 59.439  | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.58 | 198  | 357724   | 72.441  | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.65 | 169  | 2275228  | 57.195  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 11.02 | 248  | 864482   | 59.592  | nq    | 94       |
| 68) Hexachlorobenzene          | 11.09 | 284  | 992703   | 59.000  | nq    | 96       |
| 69) Atrazine                   | 11.17 | 200  | 772592   | 93.979  | nq    | 99       |
| 70) Pentachlorophenol          | 11.27 | 266  | 572552   | 67.162  | nq    | 98       |
| 71) Phenanthrene               | 11.50 | 178  | 3580764  | 55.673  | nq    | 99       |
| 72) Anthracene                 | 11.56 | 178  | 3569792  | 55.232  | nq    | 97       |
| 73) Carbazole                  | 11.71 | 167  | 3281715  | 55.537  | nq    | 98       |
| 74) Di-n-butylphthalate        | 12.04 | 149  | 3975385  | 56.050  | nq    | # 97     |
| 75) Fluoranthene               | 12.70 | 202  | 3662798  | 55.856  | nq    | 98       |
| 77) Benzidine                  | 12.82 | 184  | 1753065  | 101.449 | nq    | 97       |
| 78) Pyrene                     | 12.93 | 202  | 3704211  | 59.938  | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.55 | 149  | 1788751  | 63.687  | nq    | 96       |
| 81) Benzo(a)anthracene         | 14.12 | 228  | 3149408  | 60.784  | nq    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.08 | 252  | 1188034  | 63.597  | nq    | 99       |
| 83) Chrysene                   | 14.16 | 228  | 3113308  | 61.078  | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 14.10 | 149  | 2234236  | 62.154  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.73 | 149  | 3520105  | 63.131  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.18 | 276  | 3035388  | 63.495  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 15.19 | 252  | 3170286  | 63.942  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 15.23 | 252  | 2667041  | 58.137  | nq    | 97       |
| 90) Benzo(a)pyrene             | 15.57 | 252  | 2668514  | 61.260  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 17.20 | 278  | 2474753  | 63.823  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.65 | 276  | 2434770  | 64.250  | nq    | 100      |

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





#1

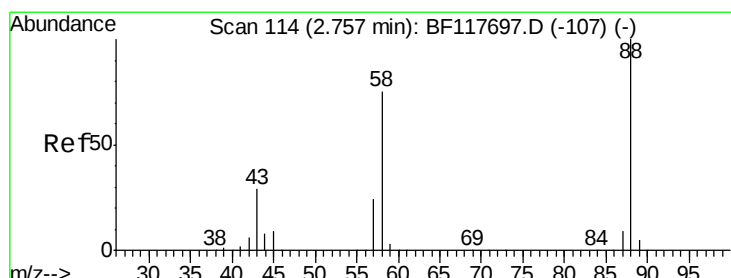
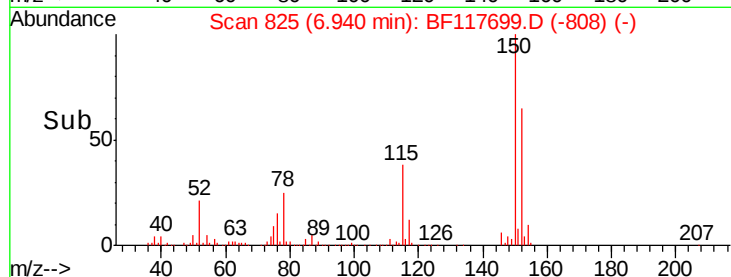
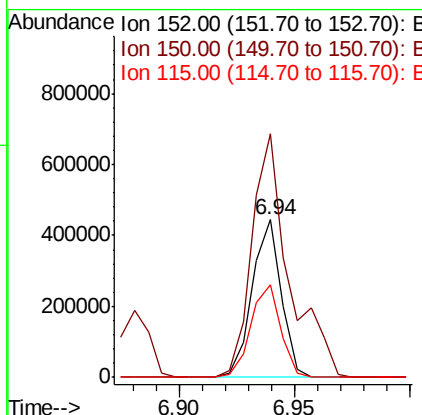
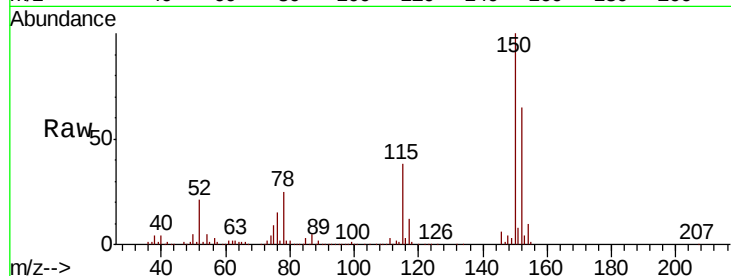
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.94 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.8 | 121.4 | 182.2 |
| 115     | 59.0  | 46.7  | 70.1  |

Manual Integrations  
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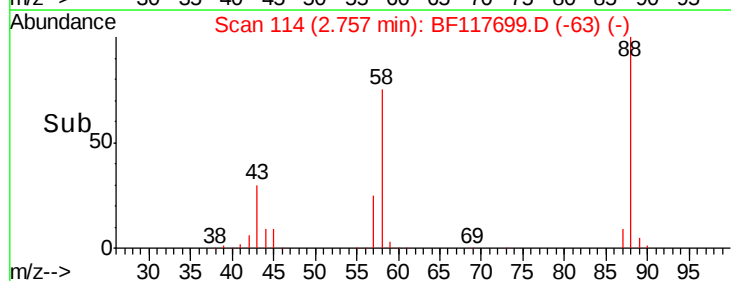
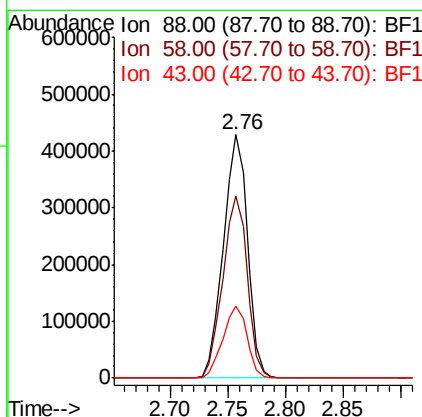
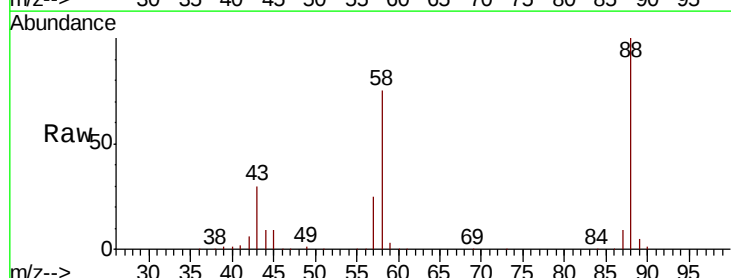
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11/8/2019 3:30:32 PM

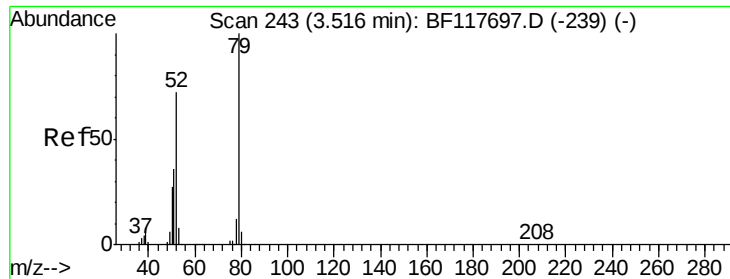


#2

1,4-Dioxane  
Concen: 56.631 ng  
RT: 2.76 min Scan# 114  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.5  | 60.1  | 90.1  |
| 43      | 29.7  | 24.0  | 36.0  |





#3

Pvridine

Concen: 57.671 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion: 79 Resp: 1712369

Ion Ratio Lower Upper

79 100

52 70.6 57.2 85.8

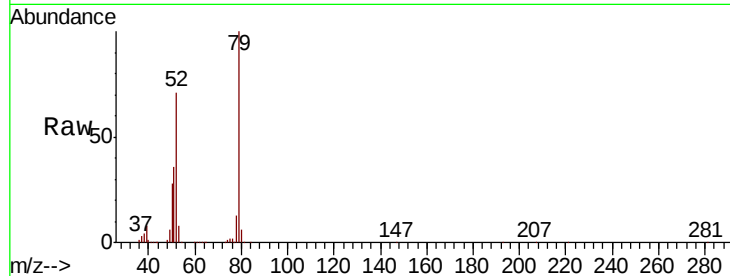
51 35.5 28.6 42.8

Manual Integrations

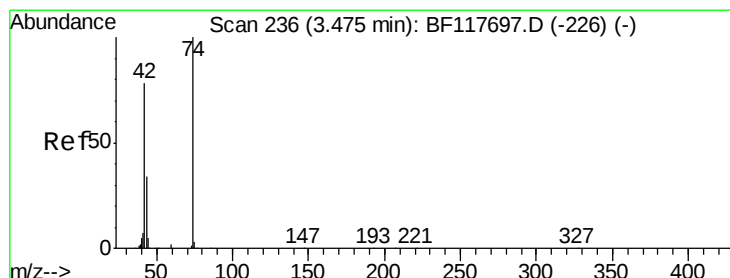
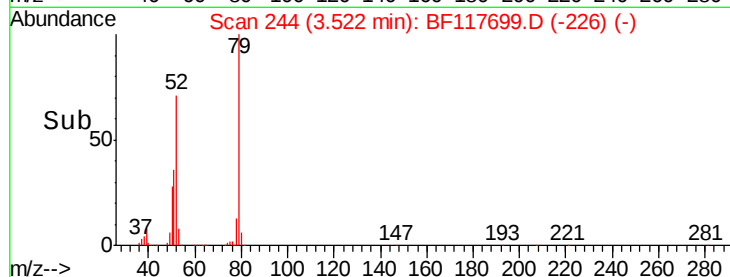
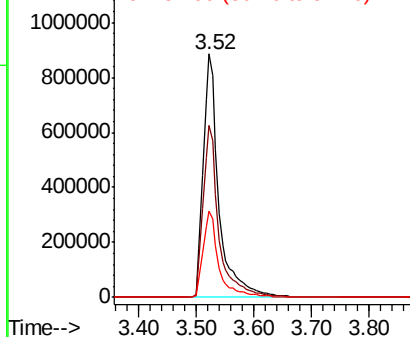
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11/8/2019 3:30:32 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 56.418 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.02 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

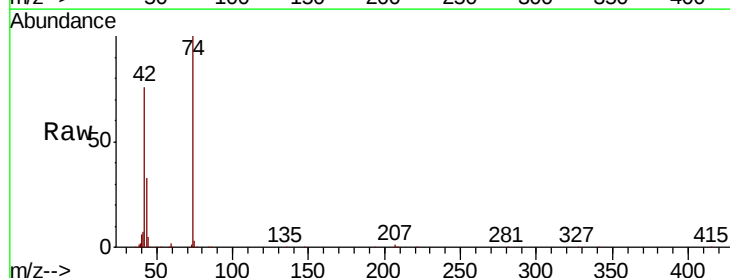
Tgt Ion: 42 Resp: 758683

Ion Ratio Lower Upper

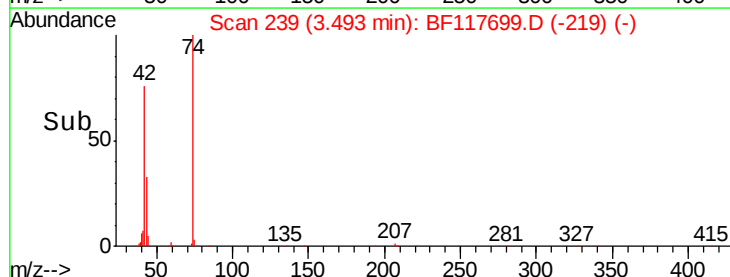
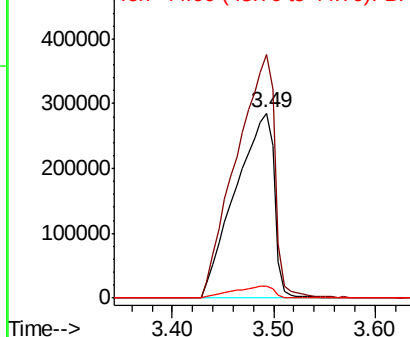
42 100

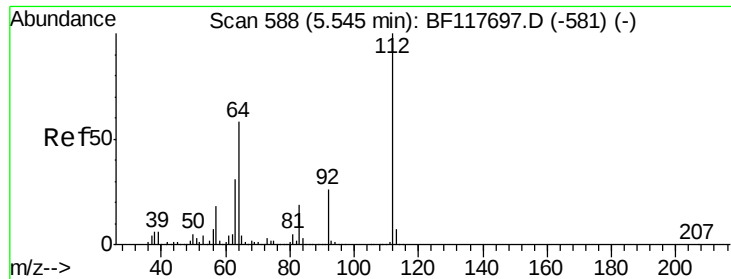
74 131.6 103.1 154.7

44 6.8 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.602 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampled :

SSTDIC060

Tot Ion:112 Resp: 2399089

Ion Ratio Lower Upper

112 100

64 56.8 46.4 69.6

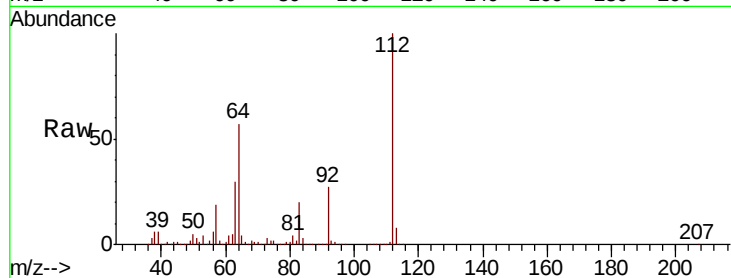
63 30.3 24.6 37.0

Manual Integrations

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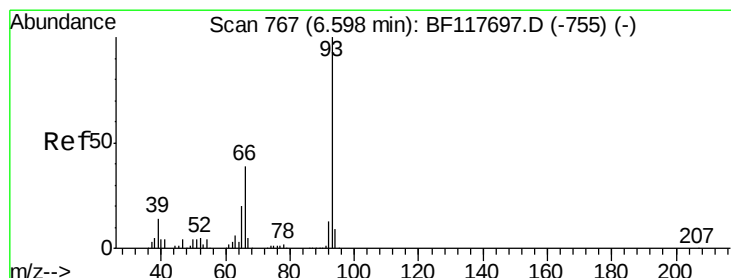
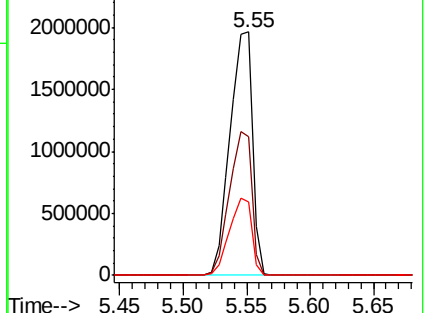
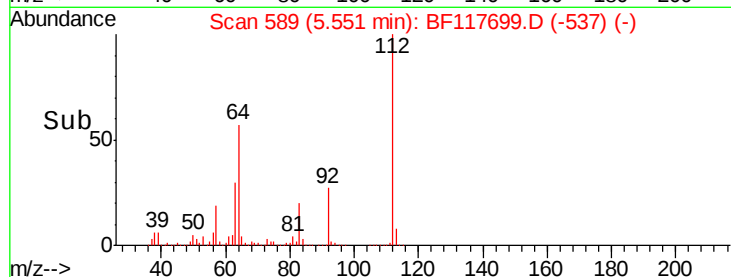
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 54.838 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

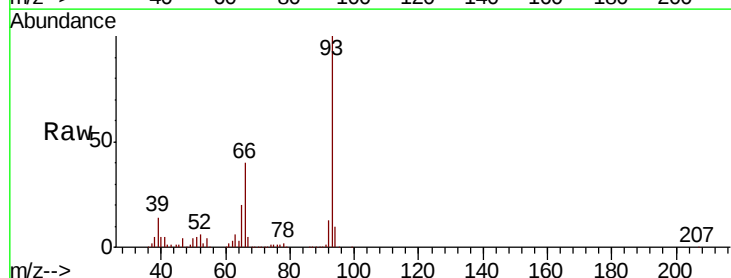
Tgt Ion: 93 Resp: 2169627

Ion Ratio Lower Upper

93 100

66 39.9 31.7 47.5

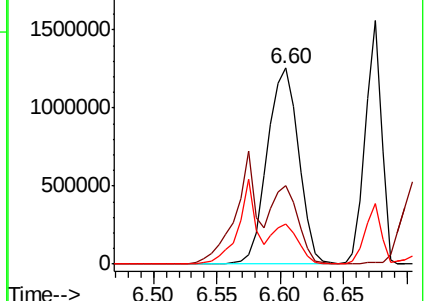
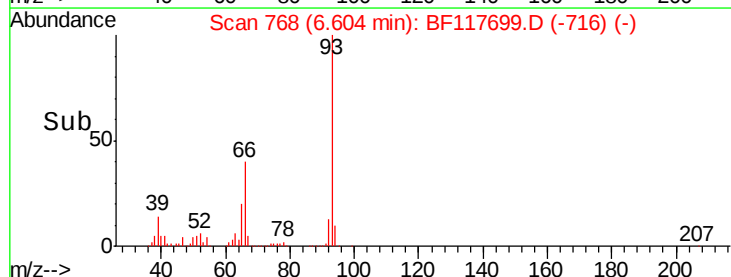
65 20.3 15.8 23.8

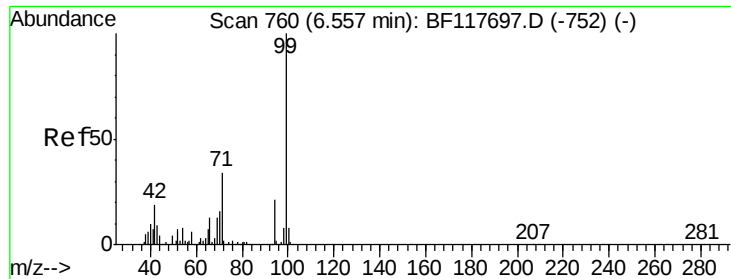


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.833 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 2969008

Ion Ratio Lower Upper

99 100

42 20.5 15.3 22.9

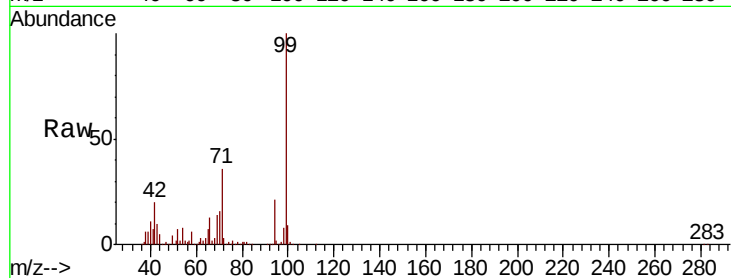
71 35.9 26.8 40.2

Manual Integrations

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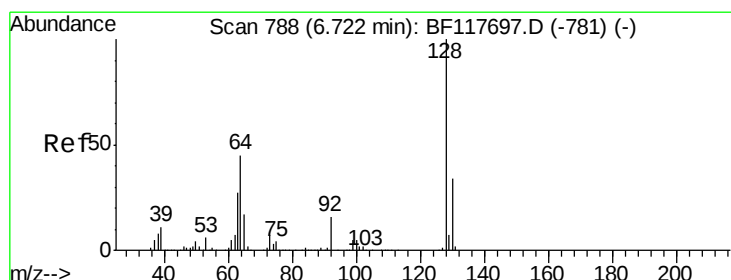
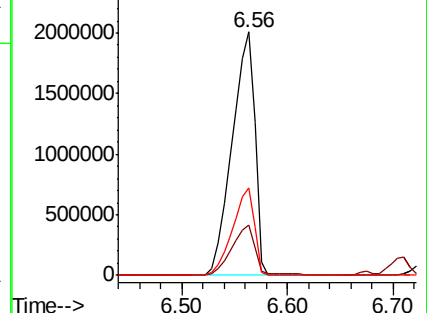
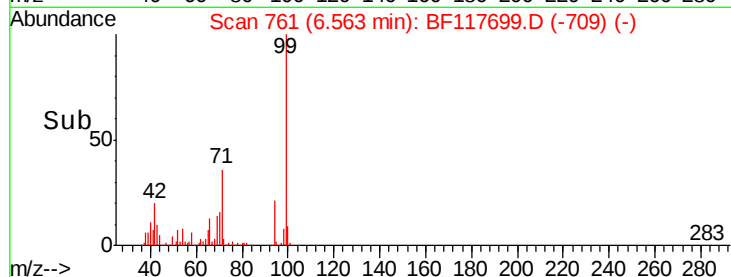
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 55.751 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

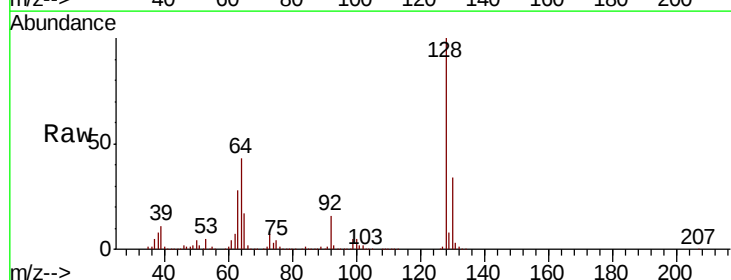
Tgt Ion:128 Resp: 1350487

Ion Ratio Lower Upper

128 100

130 34.1 13.6 53.6

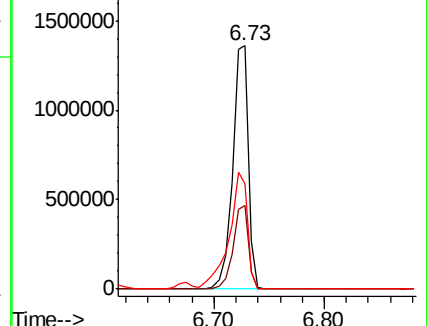
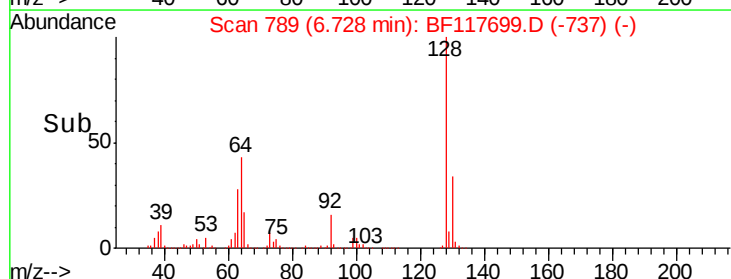
64 43.2 25.2 65.2

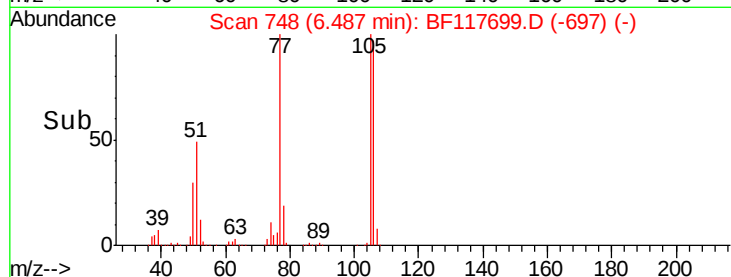
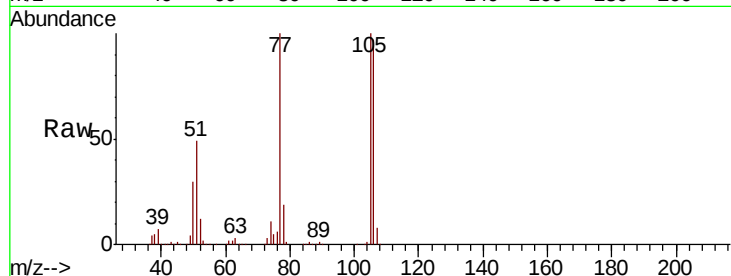
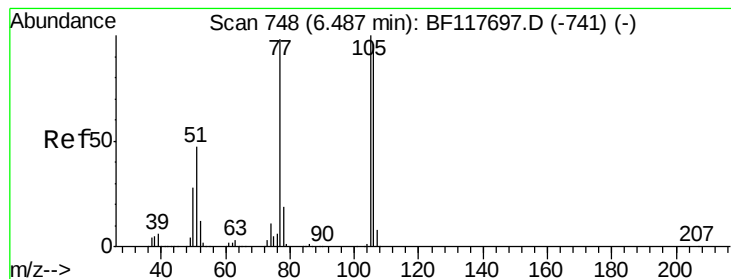


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 67.626 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 99.8  | 82.3  | 122.3 |
| 106     | 97.1  | 78.0  | 118.0 |

Instrument :

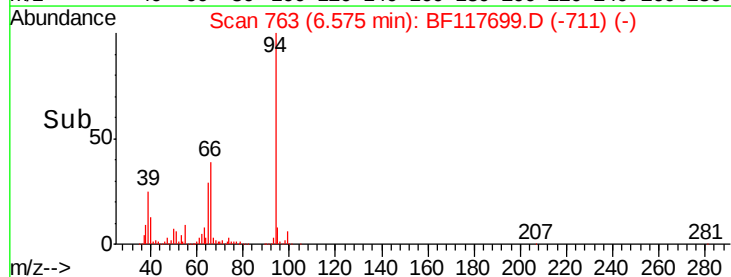
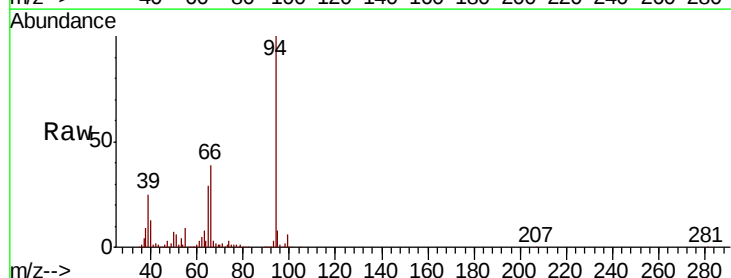
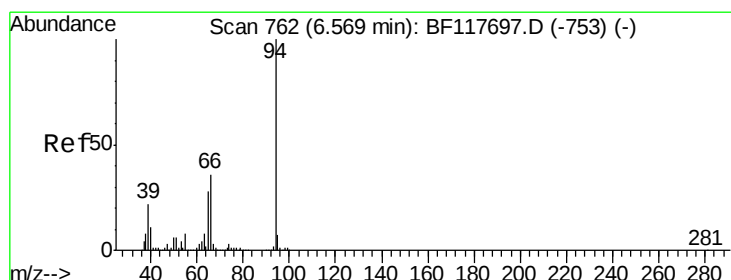
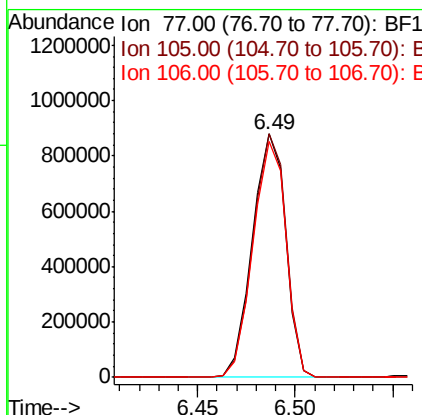
BNA\_F

ClientSampleId :

SSTDICC060

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#10

Phenol

Concen: 54.403 ng m

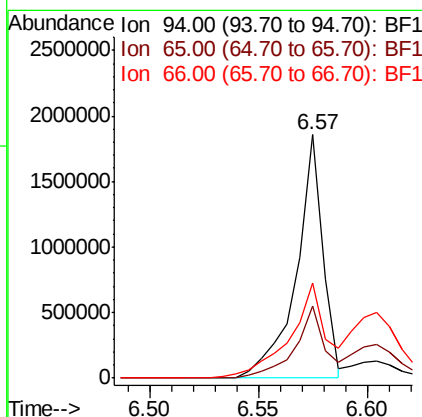
RT: 6.57 min Scan# 763

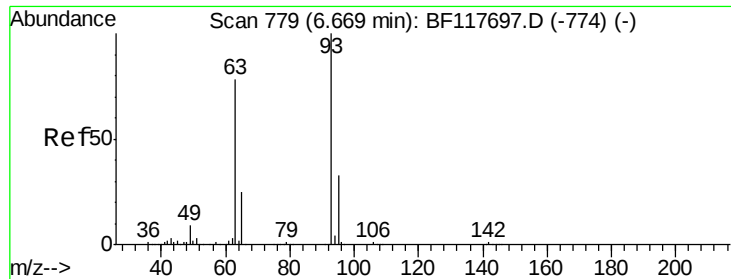
Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 29.5  | 7.6   | 47.6  |
| 66      | 38.9  | 16.1  | 56.1  |





#11

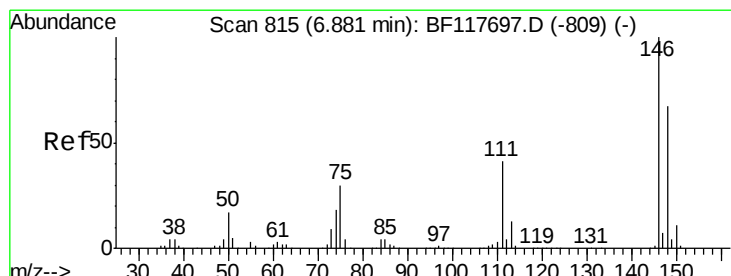
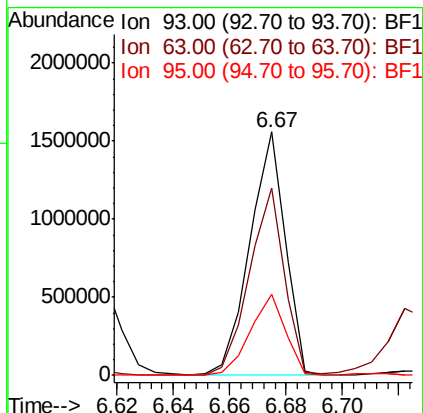
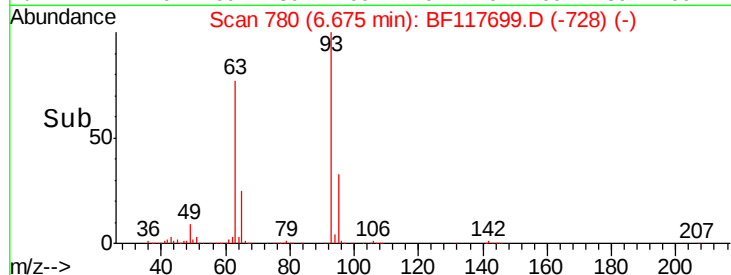
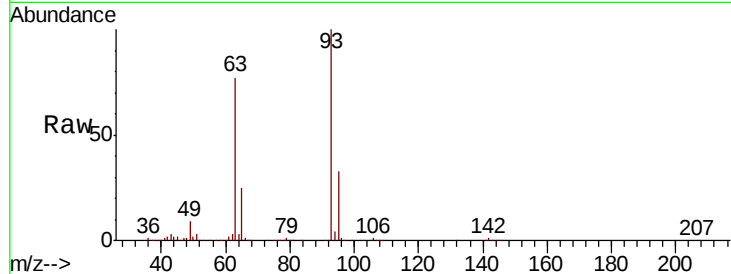
bis(2-Chloroethyl)ether  
Concen: 56.405 ng  
RT: 6.67 min Scan# 780  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.9  | 57.6  | 97.6  |
| 95      | 33.5  | 12.7  | 52.7  |

Manual Integrations  
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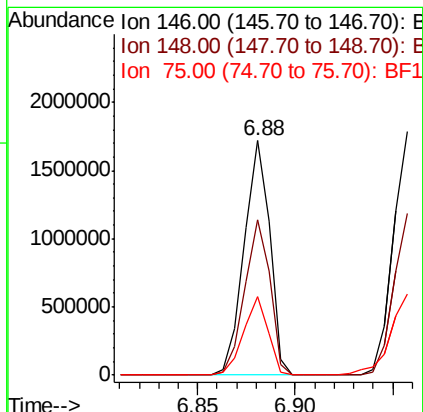
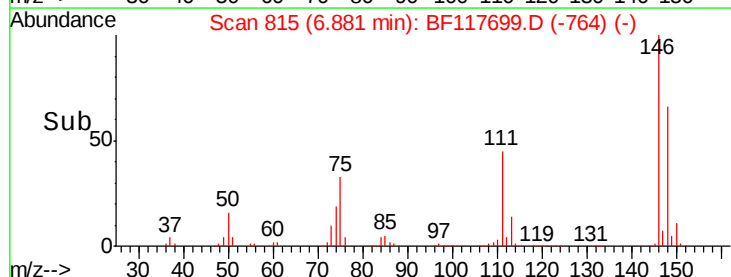
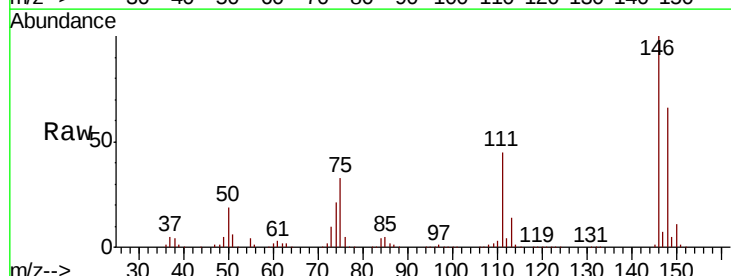
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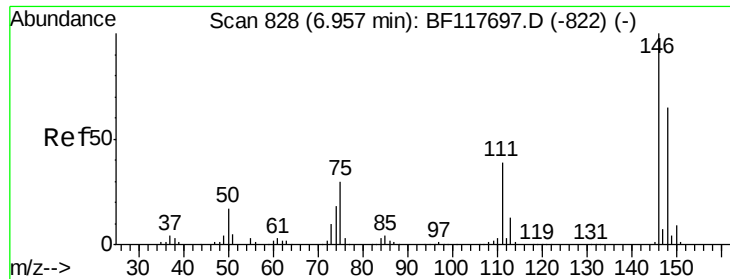


#12

1,3-Dichlorobenzene  
Concen: 55.821 ng  
RT: 6.88 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.1  | 53.4  | 80.2  |
| 75      | 33.4  | 24.0  | 36.0  |





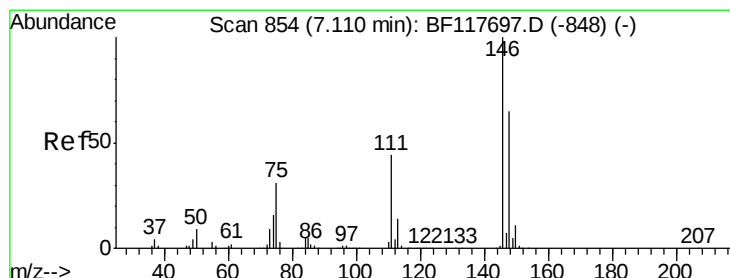
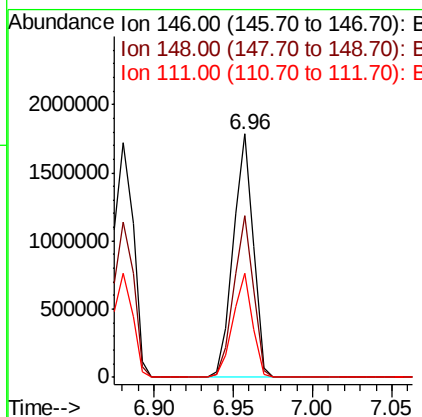
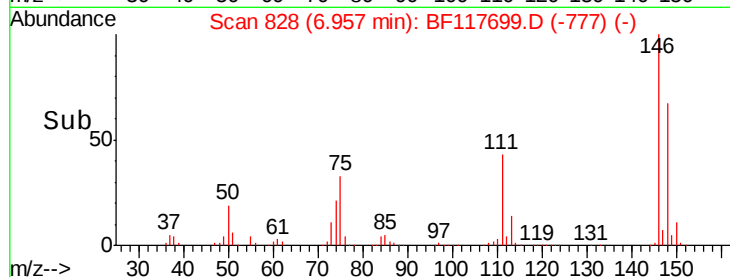
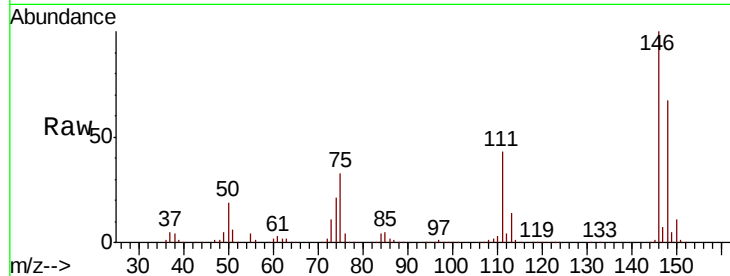
#13  
 1,4-Dichlorobenzene  
 Concen: 55.536 ng  
 RT: 6.96 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:146 Resp: 1559742  
 Ion Ratio Lower Upper  
 146 100  
 148 66.6 51.9 77.9  
 111 42.9 31.6 47.4

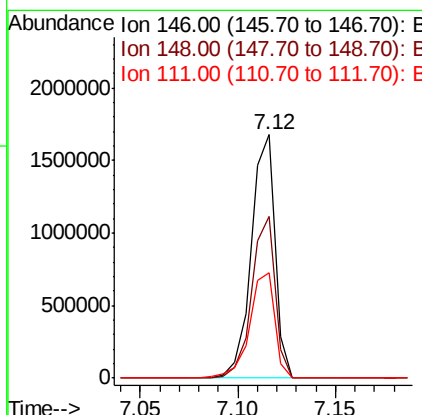
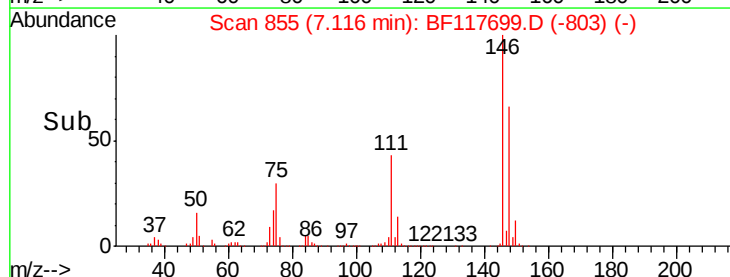
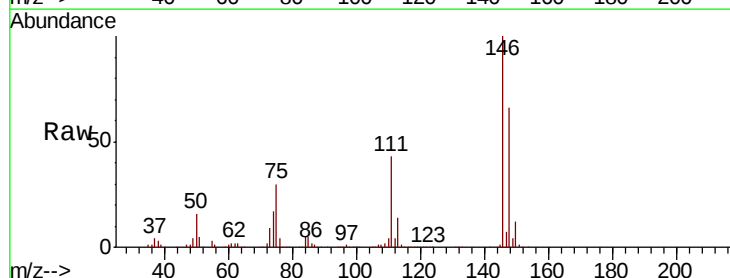
Manual Integrations  
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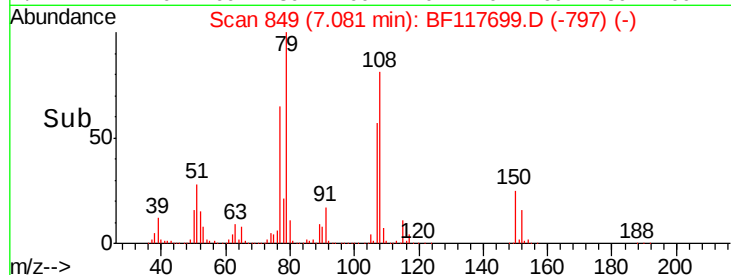
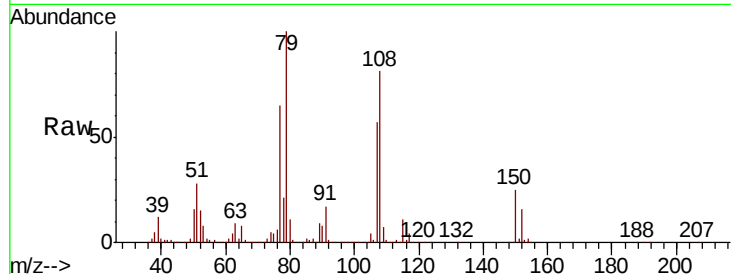
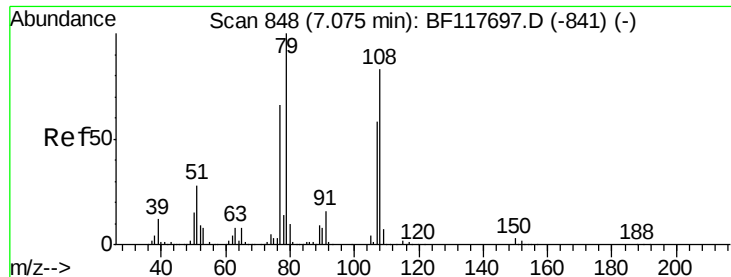
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#14  
 1,2-Dichlorobenzene  
 Concen: 55.124 ng  
 RT: 7.12 min Scan# 855  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:146 Resp: 1418289  
 Ion Ratio Lower Upper  
 146 100  
 148 66.3 52.1 78.1  
 111 43.1 35.1 52.7





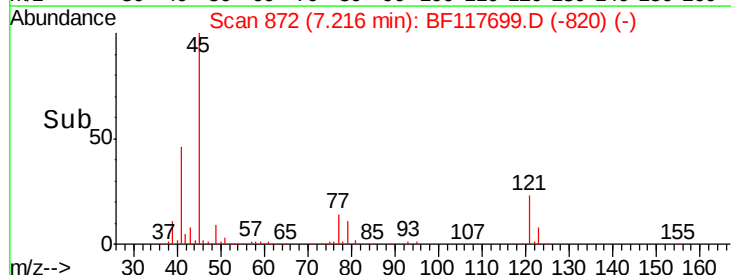
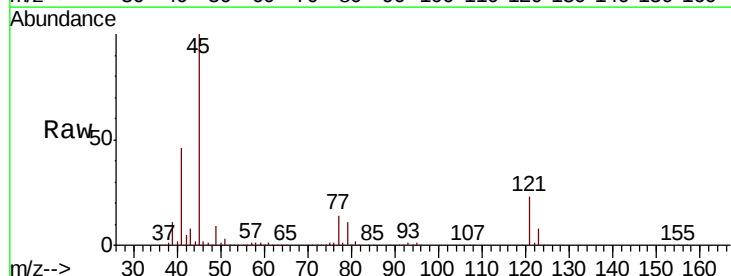
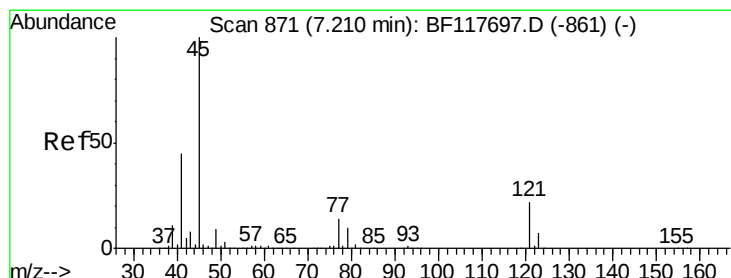
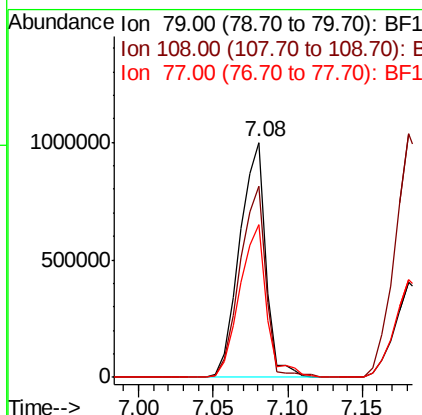
#15  
Benzyl Alcohol  
Concen: 56.790 ng  
RT: 7.08 min Scan# 849  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tot Ion: 79 Resp: 1214949  
Ion Ratio Lower Upper  
79 100  
108 81.2 66.5 99.7  
77 64.8 52.9 79.3

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC060

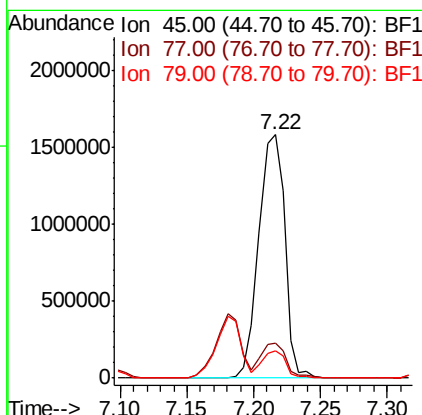
Manual Integrations  
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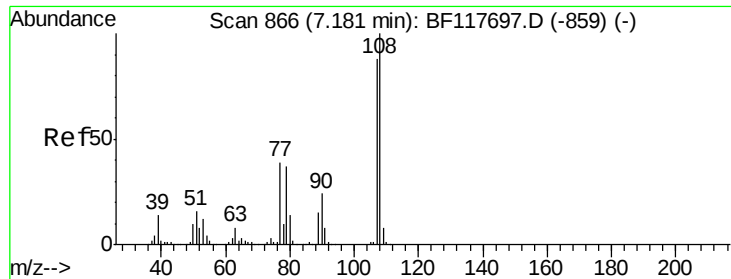
Sohil  
11/8/2019 3:30:32 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 55.958 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion: 45 Resp: 2128011  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 33.8  
79 11.3 0.0 30.5





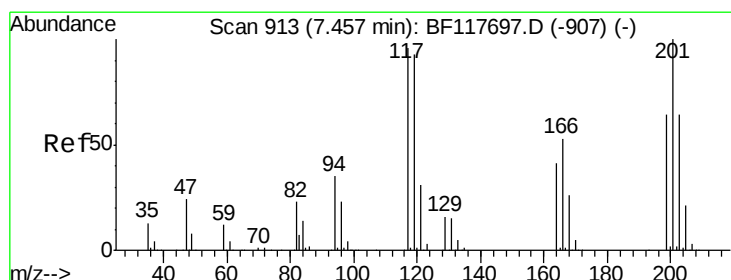
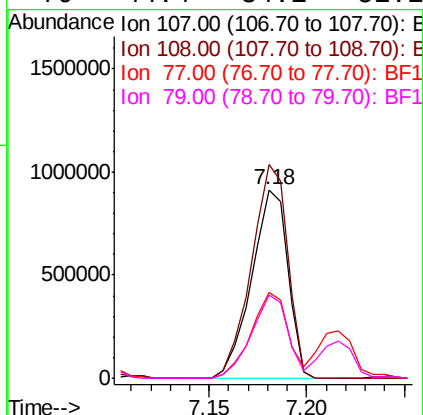
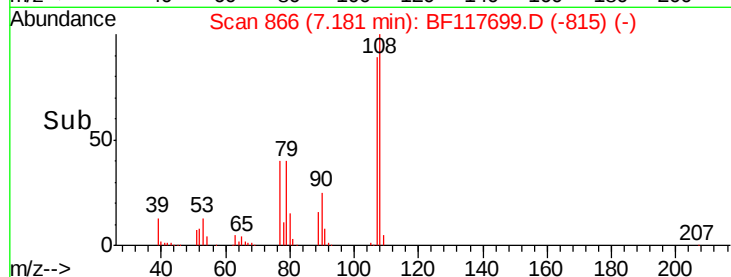
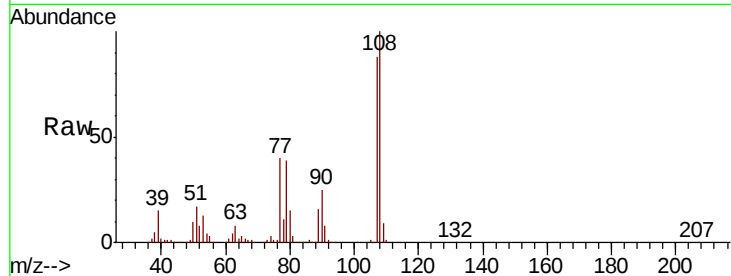
#17  
2-Methylphenol  
Concen: 56.408 ng  
RT: 7.18 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.4 | 91.1  | 136.7 |
| 77      | 45.6  | 35.8  | 53.8  |
| 79      | 44.4  | 34.1  | 51.1  |

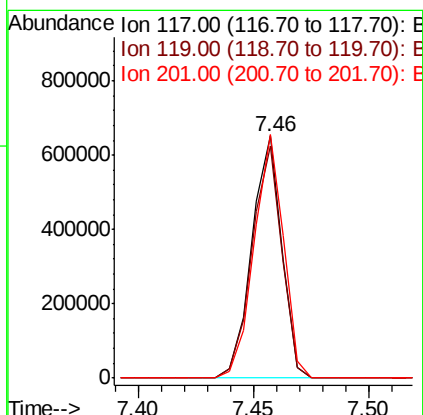
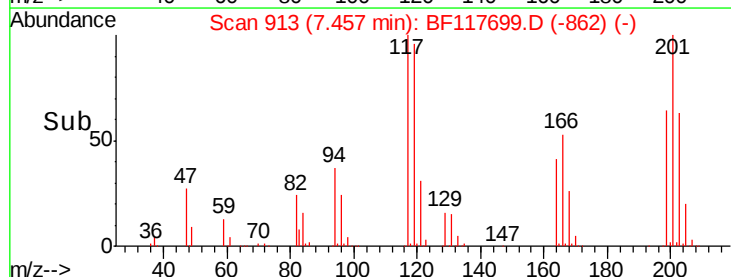
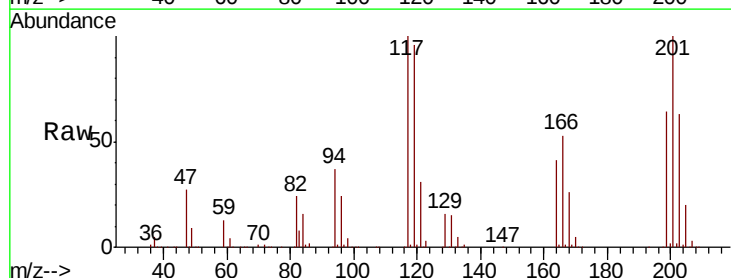
Manual Integrations  
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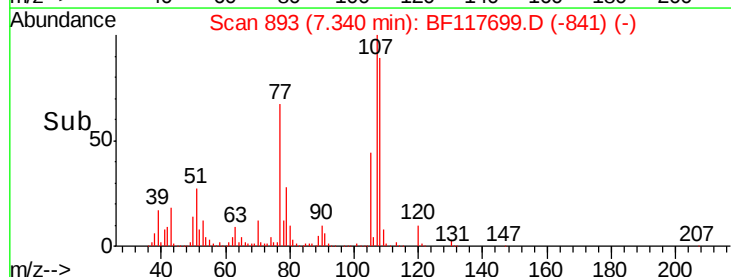
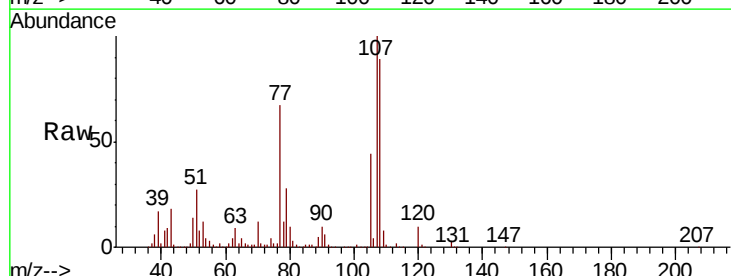
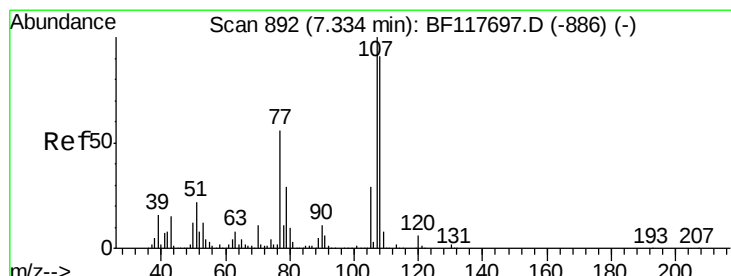
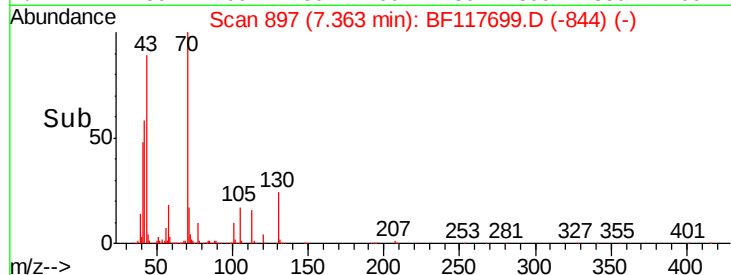
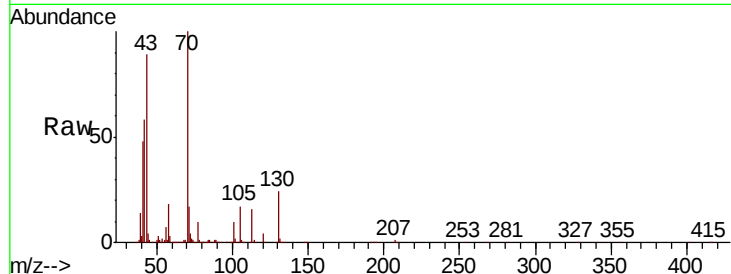
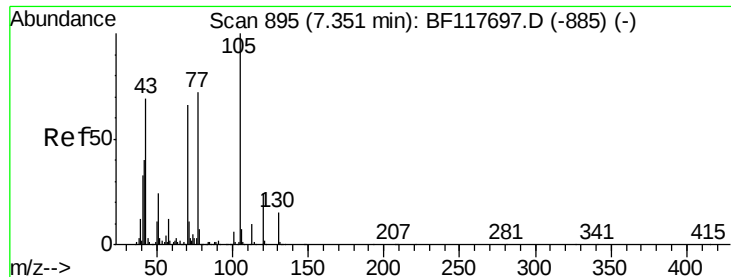
Sohil  
11/8/2019 3:30:32 PM



#18  
Hexachloroethane  
Concen: 56.547 ng  
RT: 7.46 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.0  | 77.7  | 116.5 |
| 201     | 100.5 | 83.2  | 124.8 |





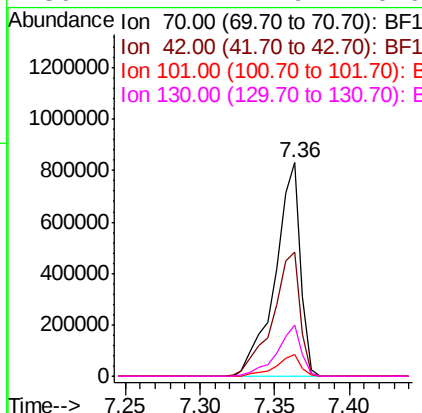
#19  
n-Nitroso-di-n-propylamine  
Concen: 55.343 ng  
RT: 7.36 min Scan# 897  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 58.0 | 49.1  | 73.7  |       |
| 101     | 10.0 | 7.8   | 11.8  |       |
| 130     | 24.1 | 17.9  | 26.9  |       |

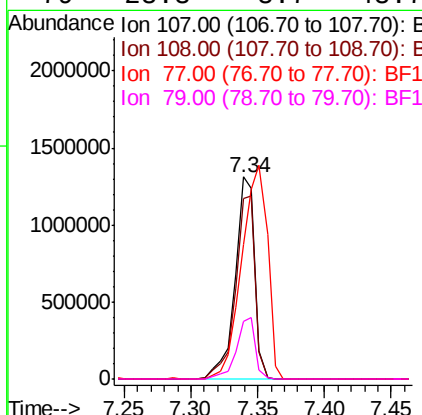
Manual Integrations  
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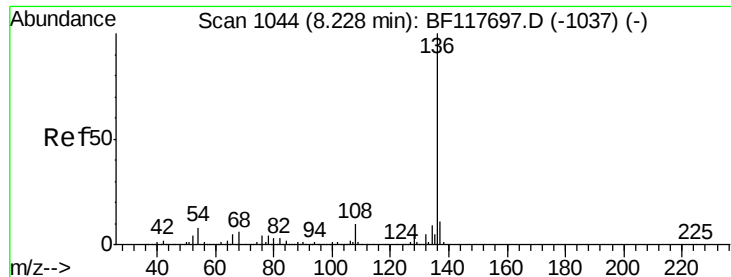
Sohil  
11/8/2019 3:30:32 PM



#20  
3+4-Methylphenols  
Concen: 54.796 ng  
RT: 7.34 min Scan# 893  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.3 | 70.5  | 110.5 |       |
| 77      | 66.5 | 35.6  | 75.6  |       |
| 79      | 28.3 | 8.7   | 48.7  |       |





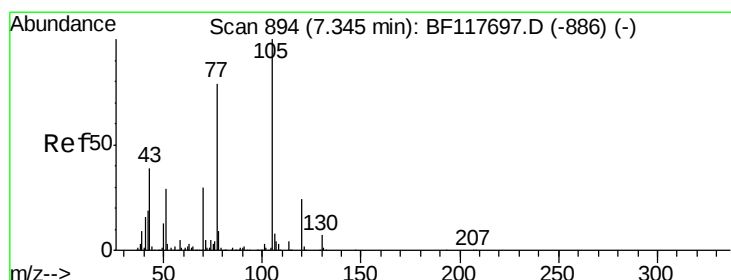
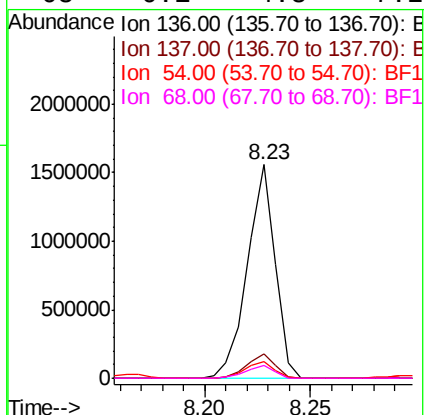
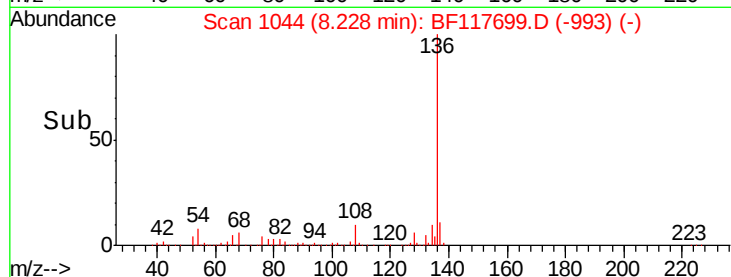
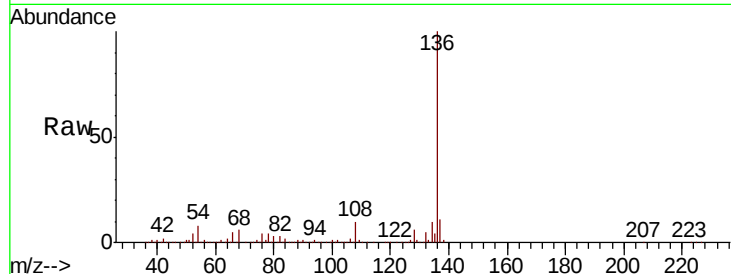
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 136     | 100  |       |       |       |
| 137     | 11.4 | 8.8   | 13.2  |       |
| 54      | 8.1  | 6.0   | 9.0   |       |
| 68      | 6.1  | 4.8   | 7.2   |       |

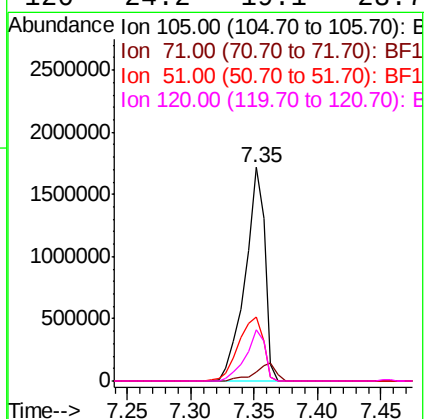
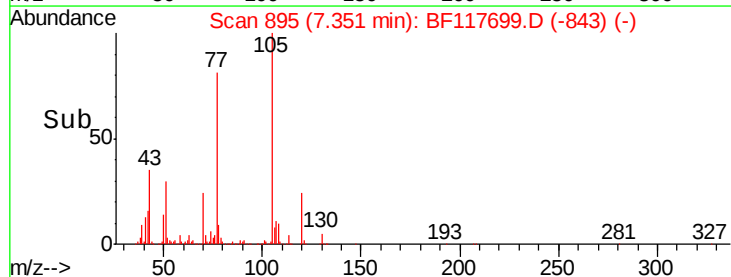
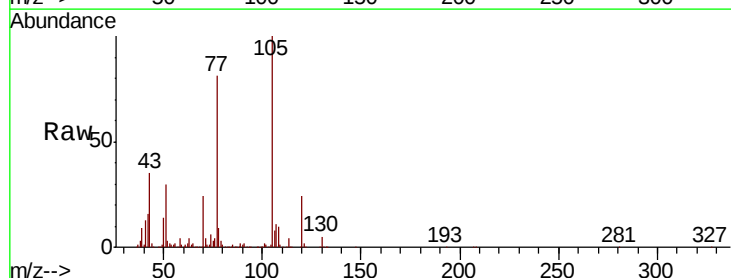
Manual Integrations  
APPROVED

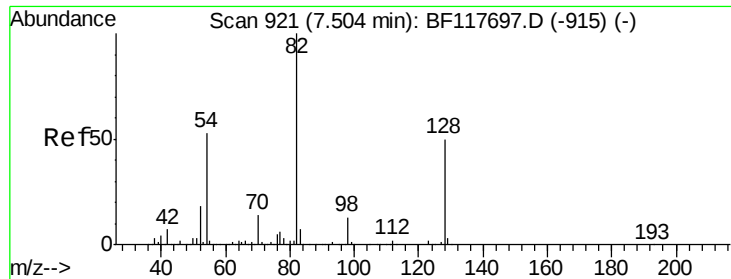
Sohil  
11/8/2019 3:30:32 PM



#22  
Acetophenone  
Concen: 57.442 ng  
RT: 7.35 min Scan# 895  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 105     | 100  |       |       |       |
| 71      | 4.1  | 3.9   | 5.9   |       |
| 51      | 29.9 | 23.0  | 34.4  |       |
| 120     | 24.2 | 19.1  | 28.7  |       |





#23  
 Nitrobenzene-d5  
 Concen: 122.026 ng  
 RT: 7.51 min Scan# 922  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

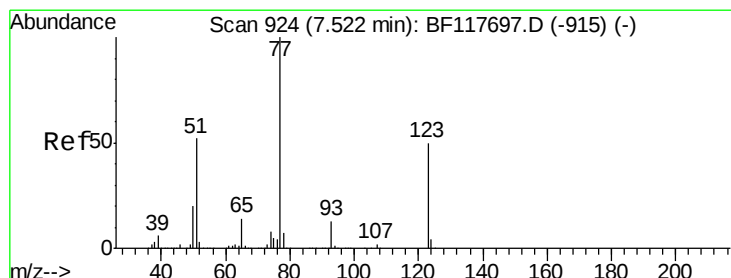
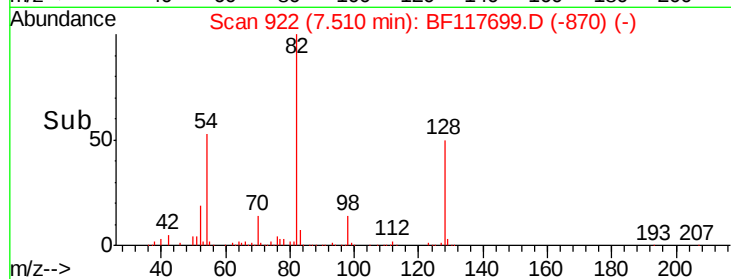
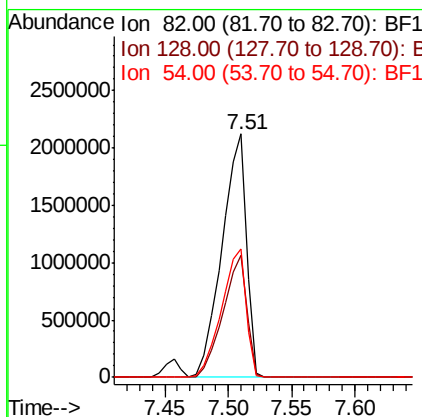
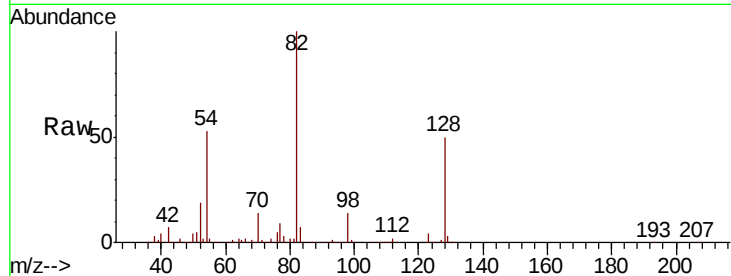
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion: 82 Resp: 2827616  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.9  | 40.2  | 60.2  |
| 54  | 53.0  | 42.0  | 63.0  |

Manual Integrations  
 APPROVED

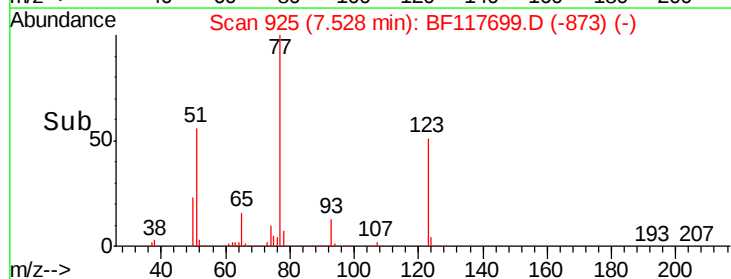
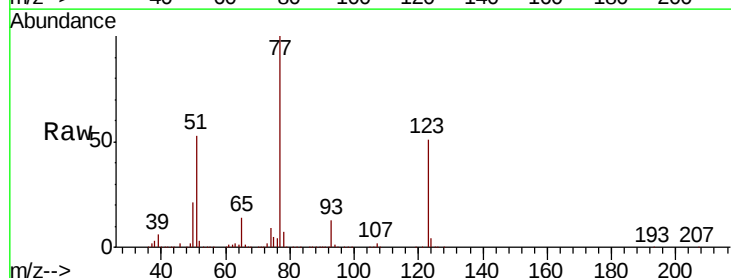
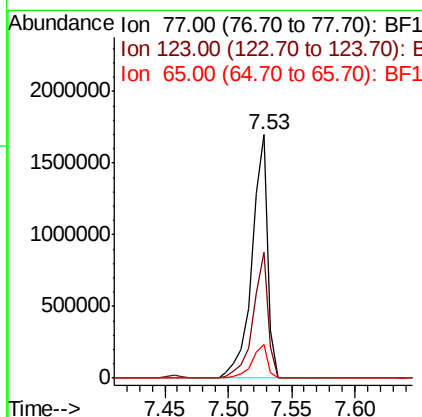
Sohil  
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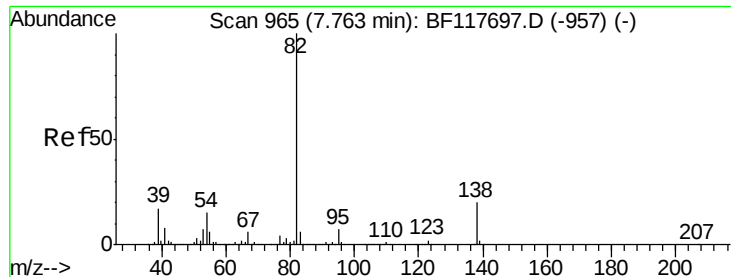


#24  
 Nitrobenzene  
 Concen: 61.588 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion: 77 Resp: 1469077  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 51.5  | 40.4  | 60.6  |
| 65  | 14.0  | 10.8  | 16.2  |





#25

Isophorone

Concen: 60.678 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 2695540

Ion Ratio Lower Upper

82 100

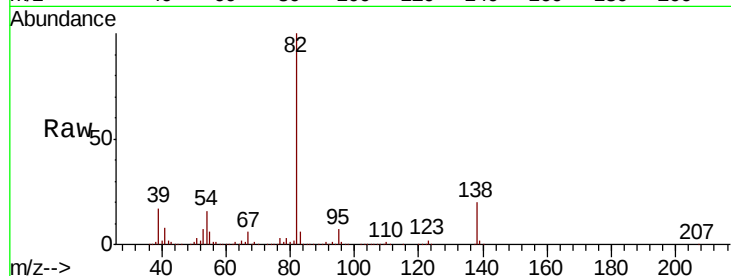
95 7.4 5.8 8.6

138 20.3 16.2 24.2

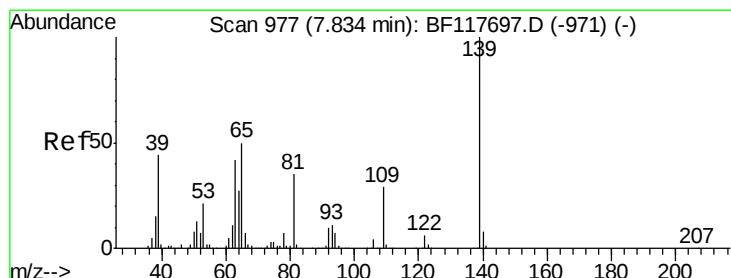
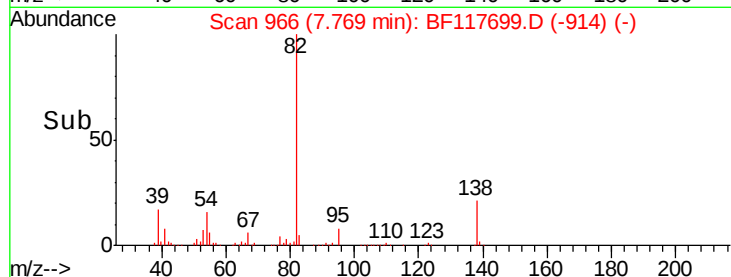
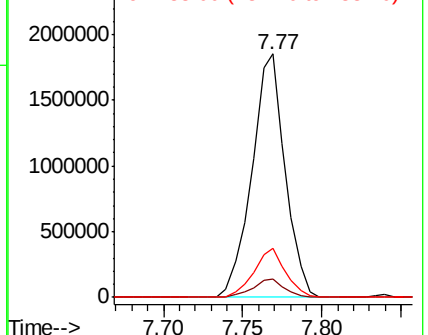
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Abundance Ion 82.00 (81.70 to 82.70): BF1  
2500000  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 68.502 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

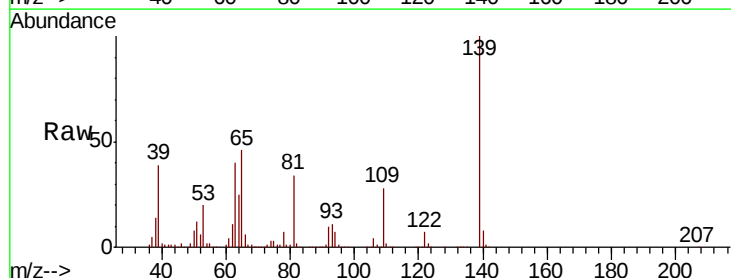
Tgt Ion: 139 Resp: 718934

Ion Ratio Lower Upper

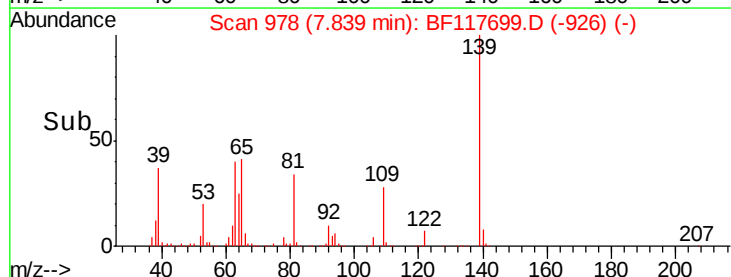
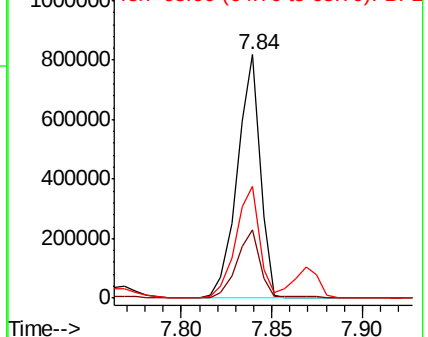
139 100

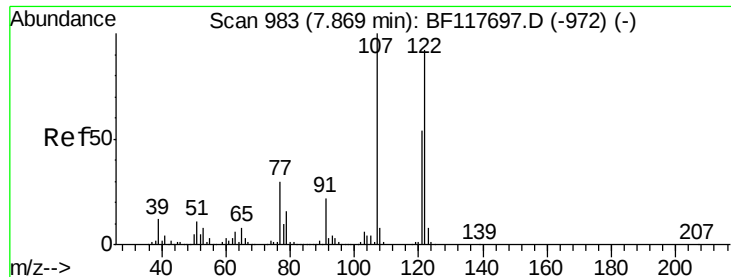
109 28.0 22.8 34.2

65 45.9 40.2 60.4



Abundance Ion 139.00 (138.70 to 139.70): BF1  
1000000  
Ion 109.00 (108.70 to 109.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 60.695 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:122 Resp: 1152528

Ion Ratio Lower Upper

122 100

107 111.1 87.1 130.7

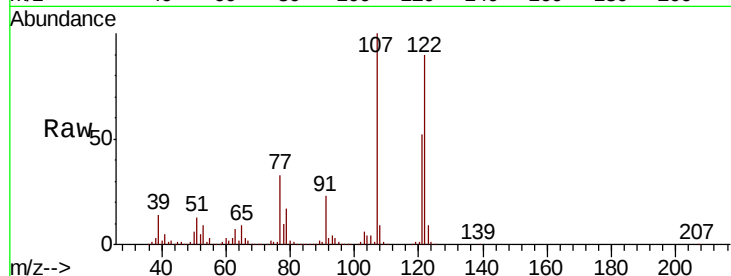
121 57.8 46.9 70.3

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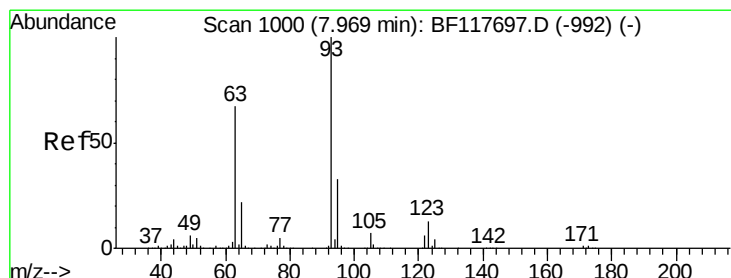
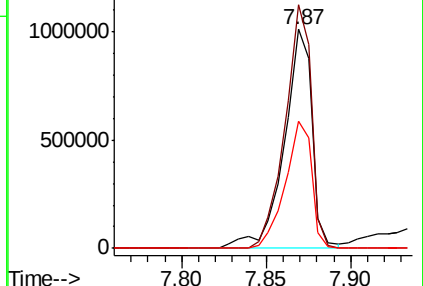
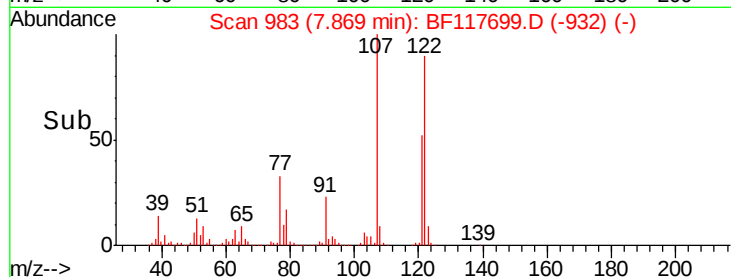
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 61.068 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

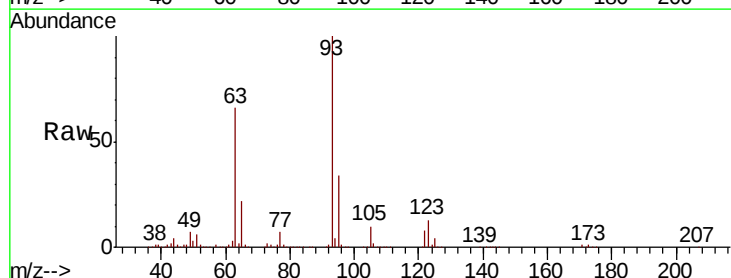
Tgt Ion: 93 Resp: 1712950

Ion Ratio Lower Upper

93 100

95 33.8 26.8 40.2

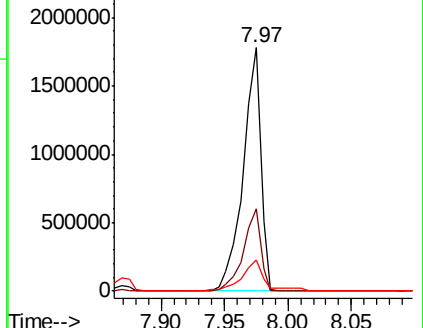
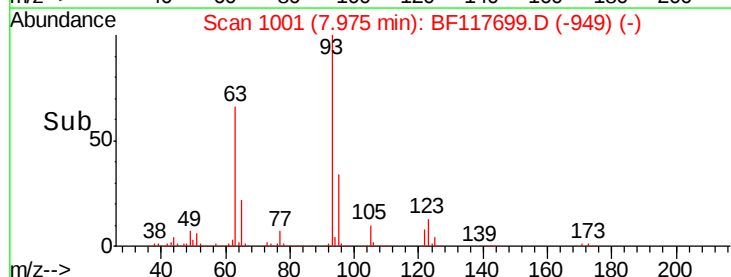
123 13.0 10.4 15.6

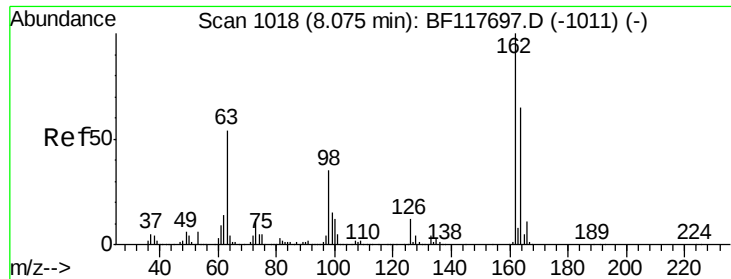


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





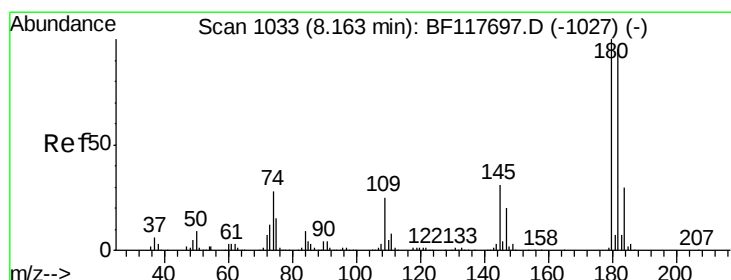
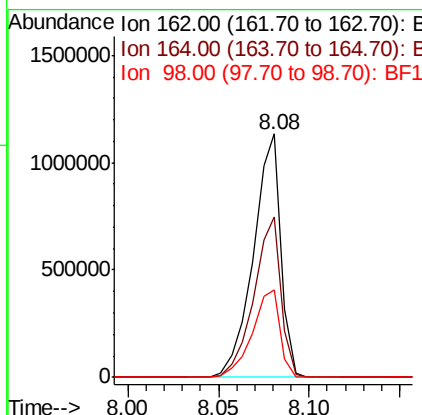
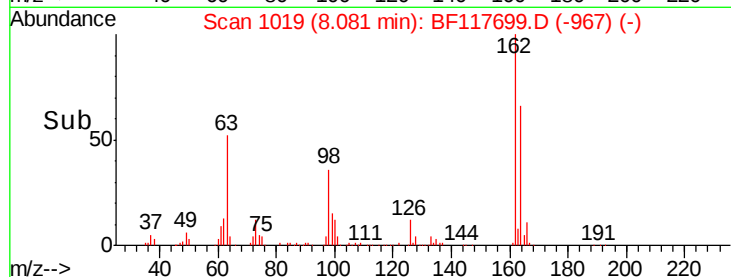
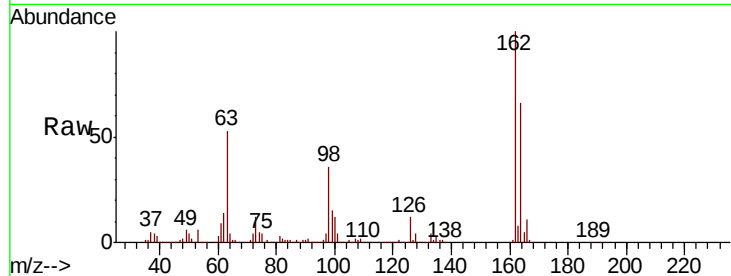
#29  
2,4-Dichlorophenol  
Concen: 62.354 ng  
RT: 8.08 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.7  | 45.4  | 85.4  |
| 98      | 36.0  | 15.5  | 55.5  |

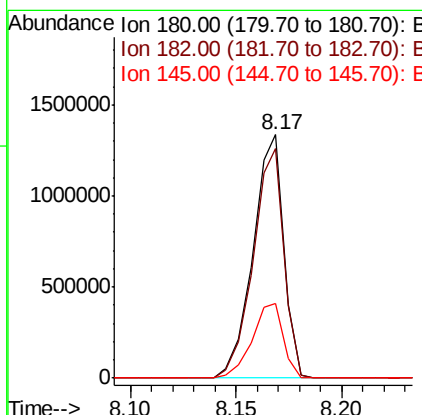
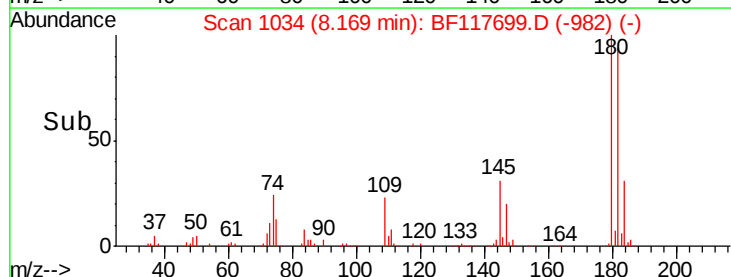
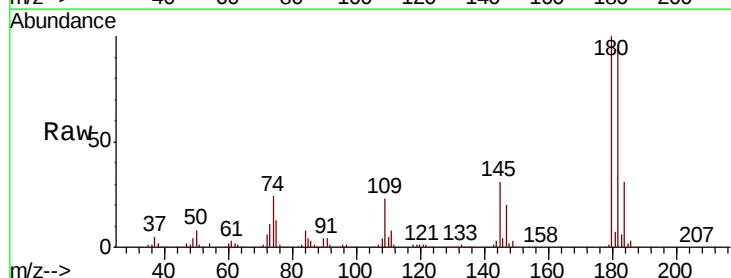
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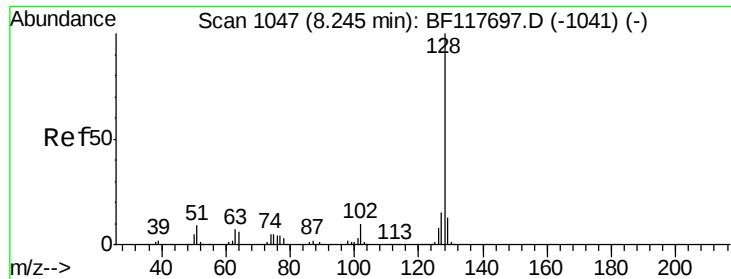
Sohil  
11/8/2019 3:30:32 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 61.683 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 76.0  | 114.0 |
| 145     | 30.6  | 25.0  | 37.4  |





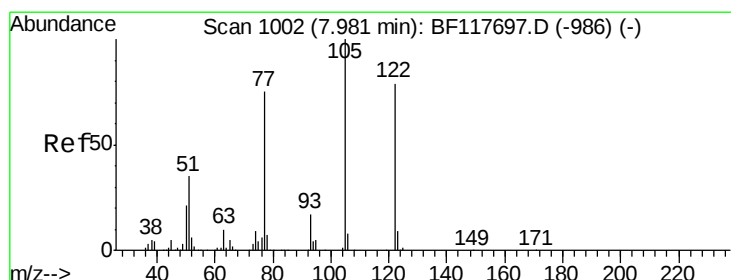
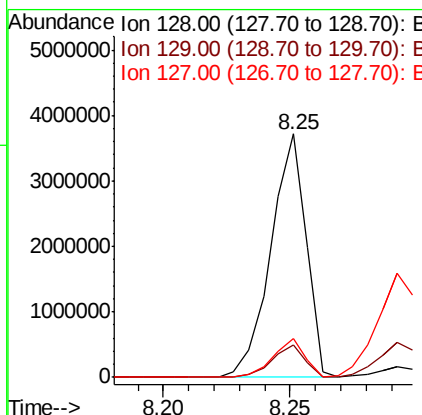
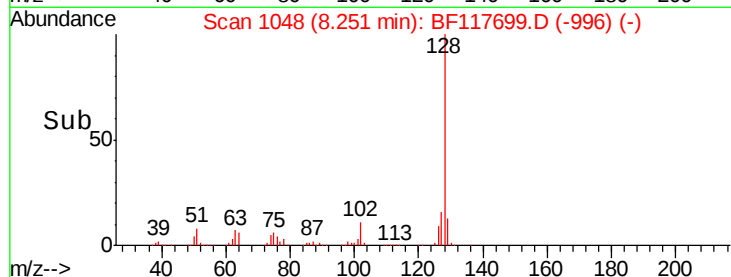
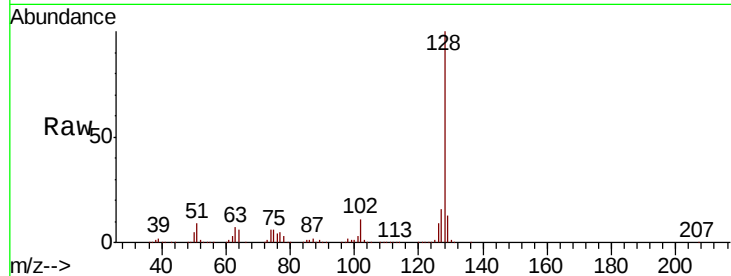
#31  
Naphthalene  
Concen: 58.530 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 13.2  | 10.1  | 15.1  |
| 127     | 15.8  | 11.8  | 17.6  |

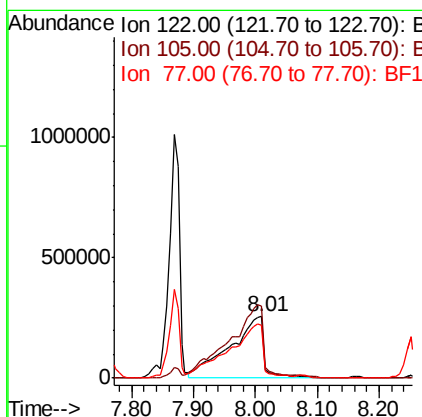
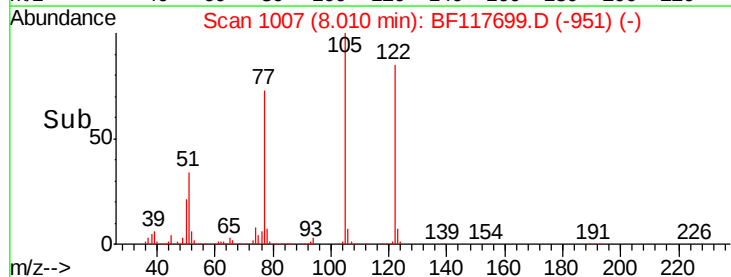
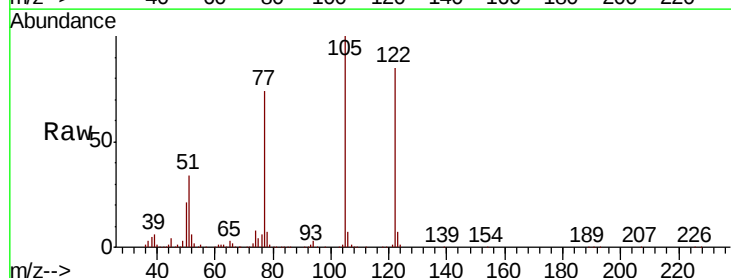
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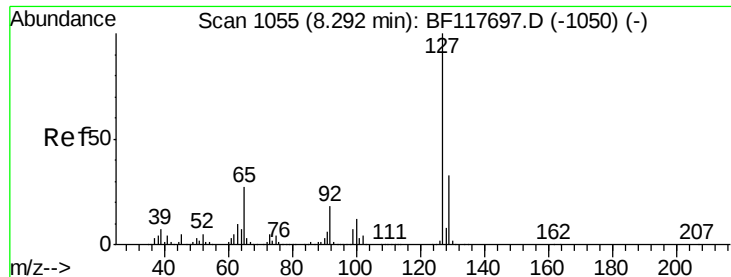
Sohil  
11/8/2019 3:30:32 PM



#32  
Benzoic acid  
Concen: 69.509 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.03 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 117.8 | 102.8 | 142.8 |
| 77      | 86.7  | 73.2  | 113.2 |





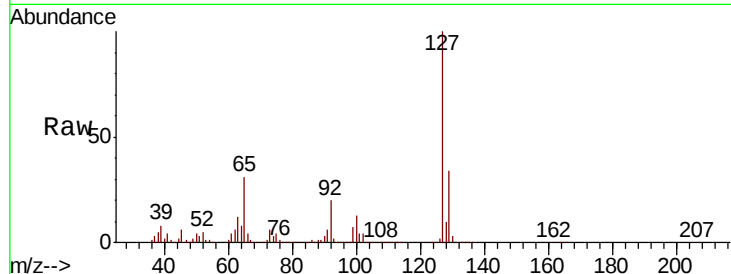
#33  
 4-Chloroaniline  
 Concen: 59.967 ng  
 RT: 8.29 min Scan# 1055  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

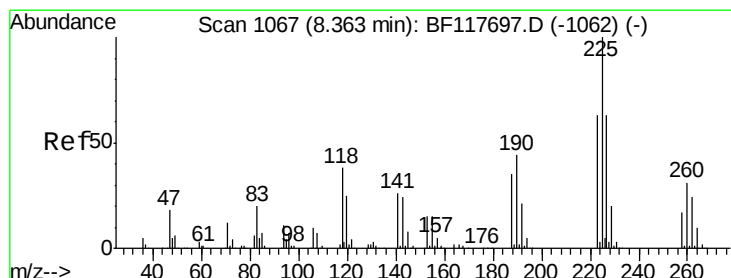
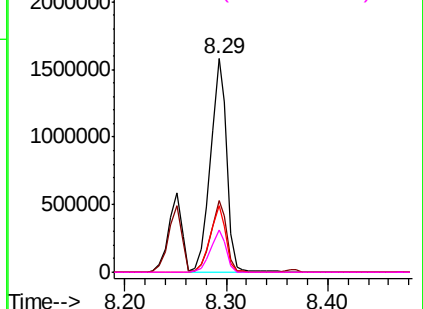
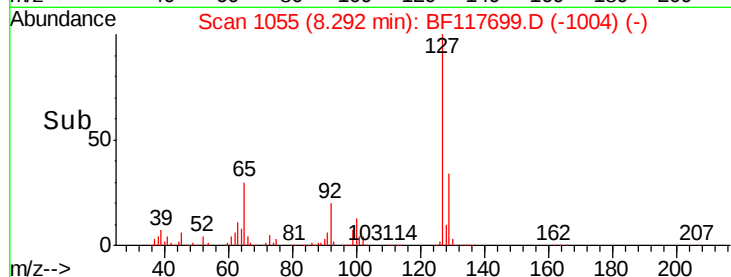
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.9  | 26.6  | 39.8  |
| 65      | 31.0  | 21.7  | 32.5  |
| 92      | 19.6  | 14.1  | 21.1  |

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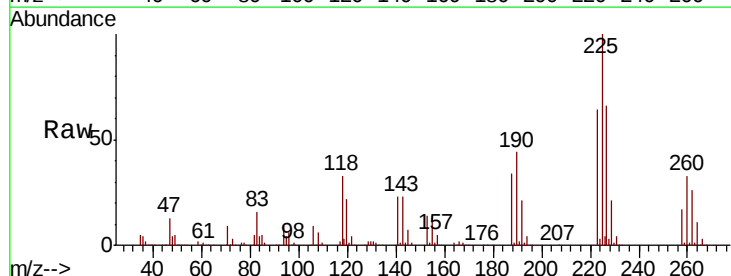


Abundance  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1

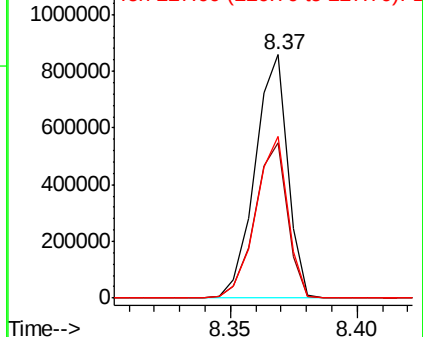
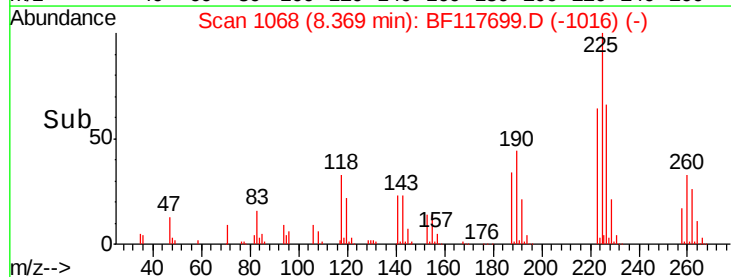


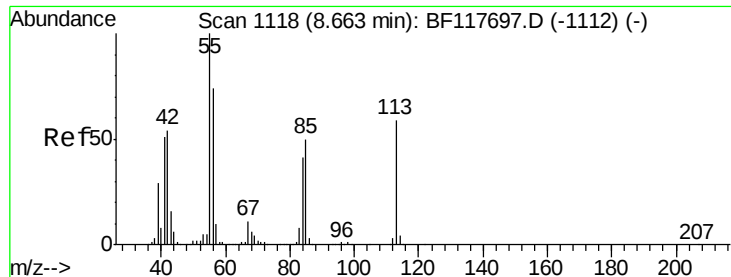
#34  
 Hexachlorobutadiene  
 Concen: 61.530 ng  
 RT: 8.37 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.6  | 50.1  | 75.1  |
| 227     | 66.5  | 50.2  | 75.4  |



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: 61.580 ng/mL

RT: 8.68 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

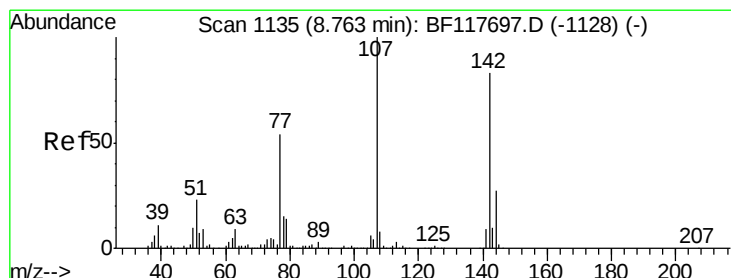
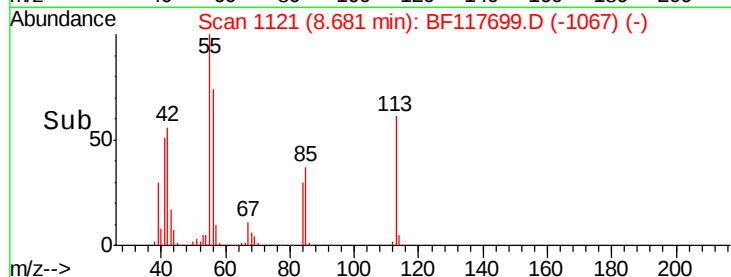
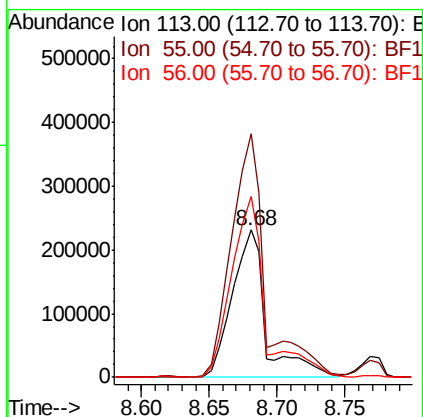
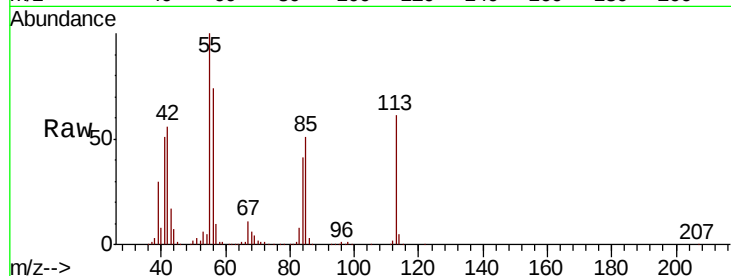
ClientSampled :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 398062 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 165.1 | 150.5 | 190.5  |
| 56        | 122.4 | 106.2 | 146.2  |

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#36

4-Chloro-3-methylphenol

Concen: 61.612 ng/mL

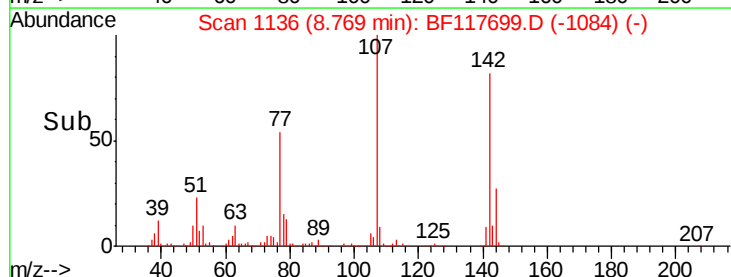
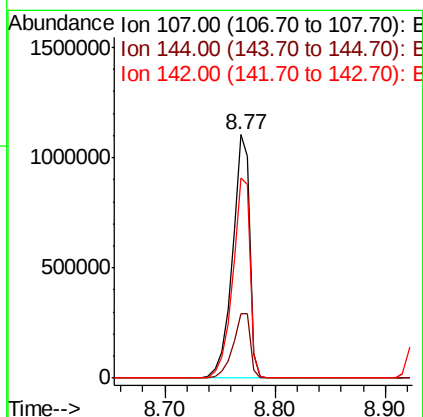
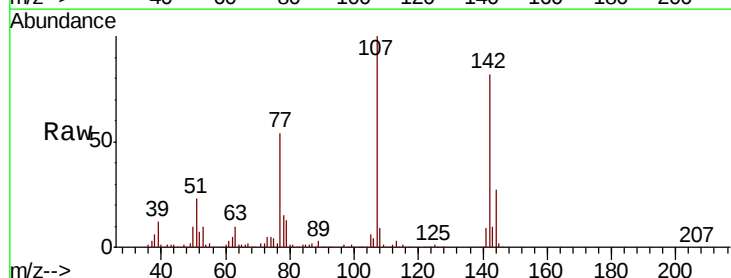
RT: 8.77 min Scan# 1136

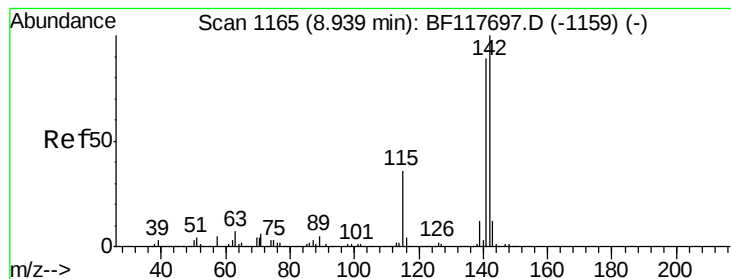
Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 107   | Resp: | 1198949 |
| Ion Ratio | Lower | Upper |         |
| 107       | 100   |       |         |
| 144       | 26.6  | 21.5  | 32.3    |
| 142       | 82.0  | 66.7  | 100.1   |





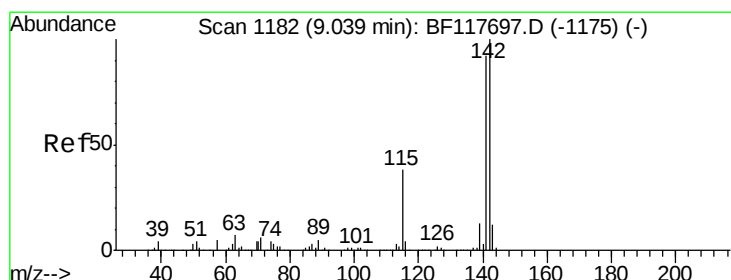
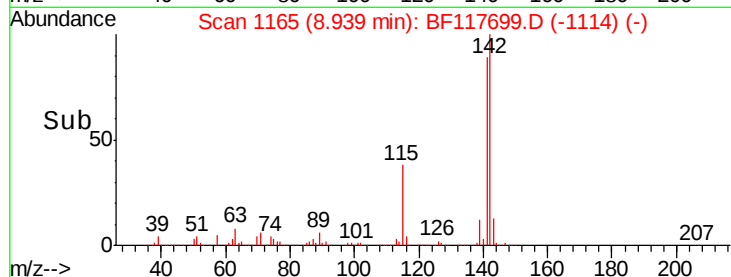
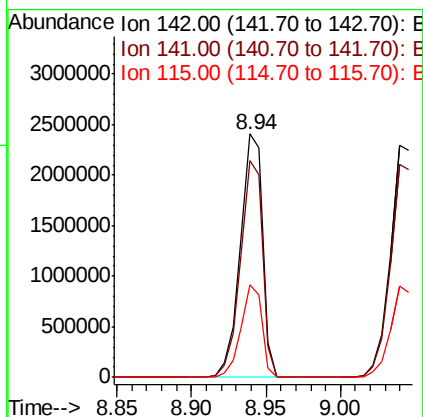
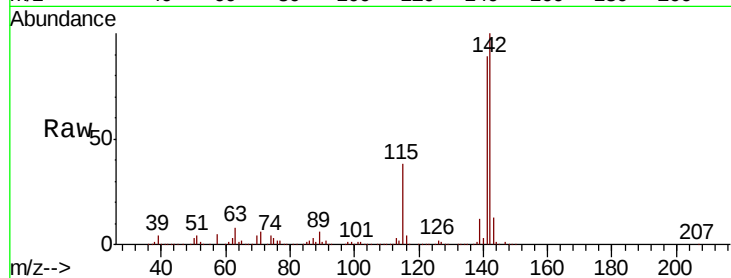
#37  
2-Methylnaphthalene  
Concen: 59.314 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 71.5  | 107.3 |
| 115     | 38.1  | 28.9  | 43.3  |

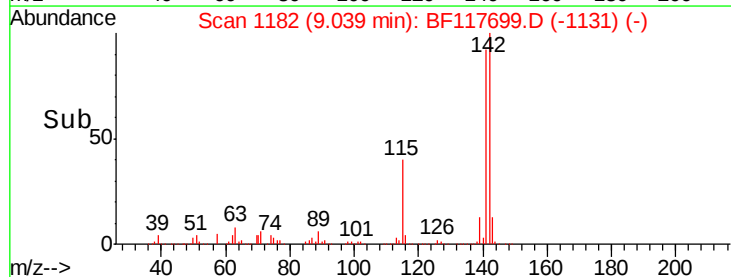
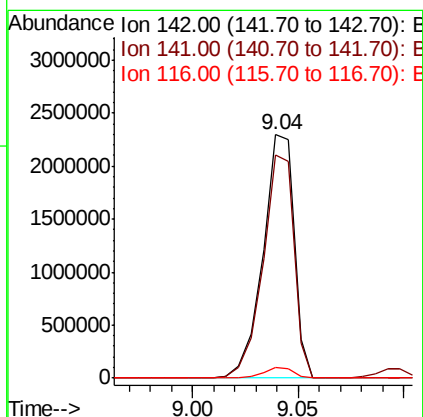
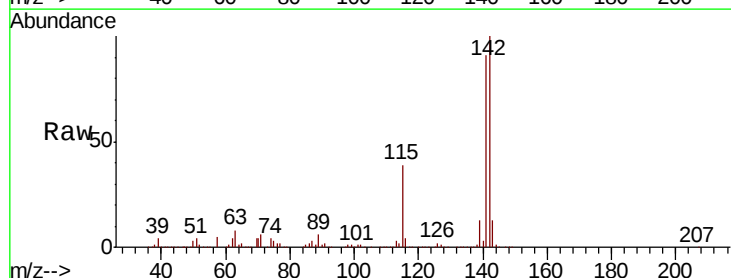
Manual Integrations  
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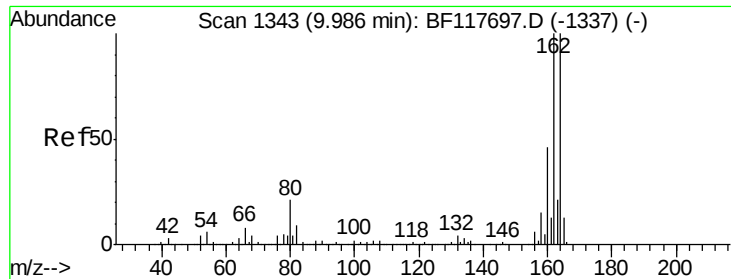
Sohil  
11/8/2019 3:30:32 PM



#38  
1-Methylnaphthalene  
Concen: 59.029 ng  
RT: 9.04 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 73.3  | 109.9 |
| 116     | 4.3   | 3.2   | 4.8   |





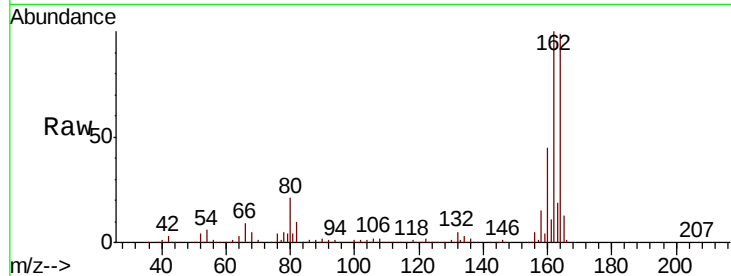
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.99 min Scan# 1343  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleID :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.9 | 79.7  | 119.5 |
| 160     | 45.0  | 36.5  | 54.7  |

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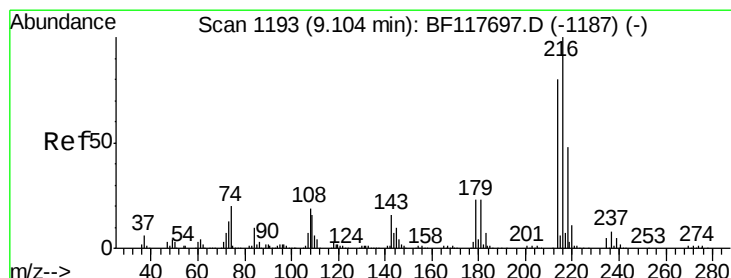
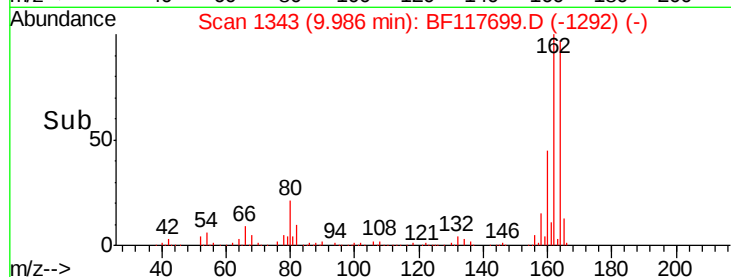
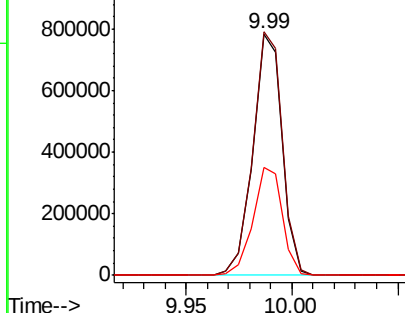


Abundance

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: 59.611 ng  
RT: 9.11 min Scan# 1194  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.9  | 63.6  | 95.4  |
| 179     | 22.8  | 18.1  | 27.1  |
| 108     | 20.9  | 16.4  | 24.6  |

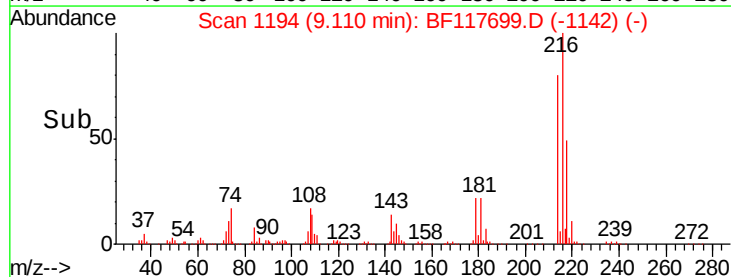
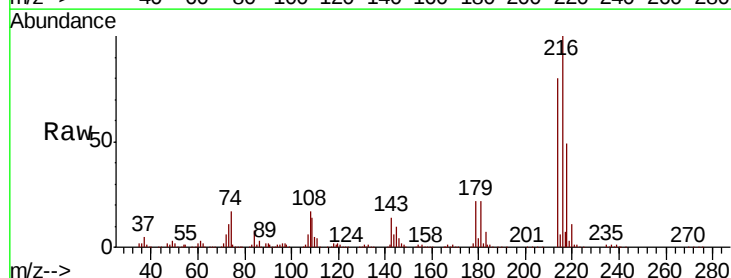
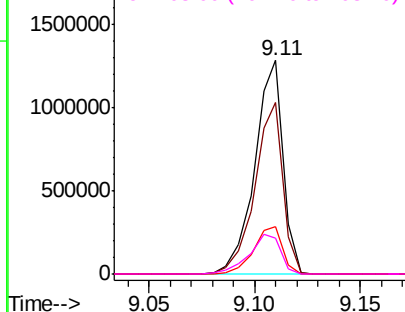
Abundance

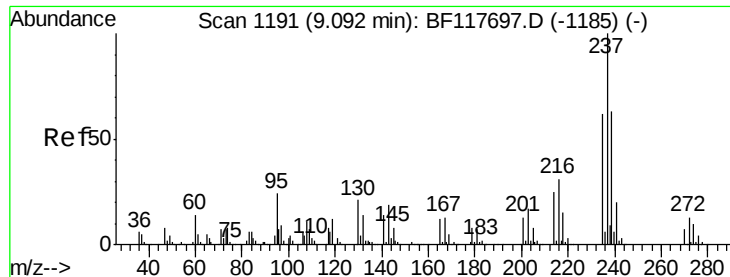
Ion 216.00 (215.70 to 216.70): E

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: 61.600 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

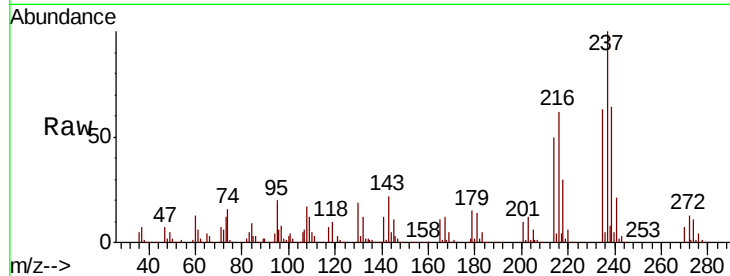
ClientSampleId :

SSTDICC060

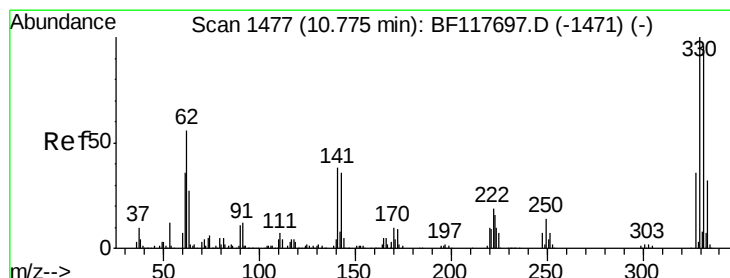
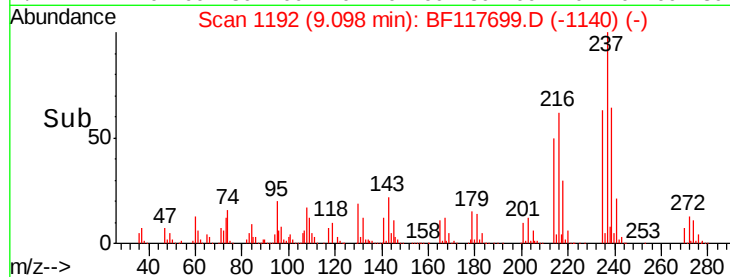
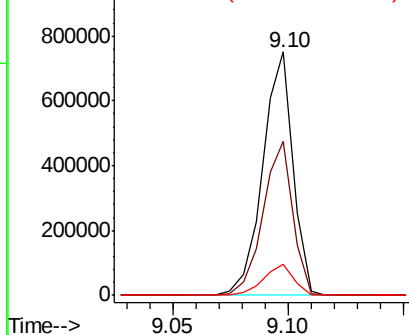
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 679443 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.1  | 42.2  | 82.2   |
| 272       | 13.0  | 0.0   | 32.8   |

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



#42

2,4,6-Tribromophenol

Concen: 114.717 ng

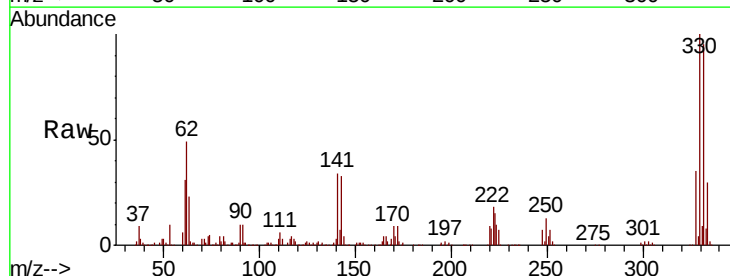
RT: 10.78 min Scan# 1478

Delta R.T. 0.01 min

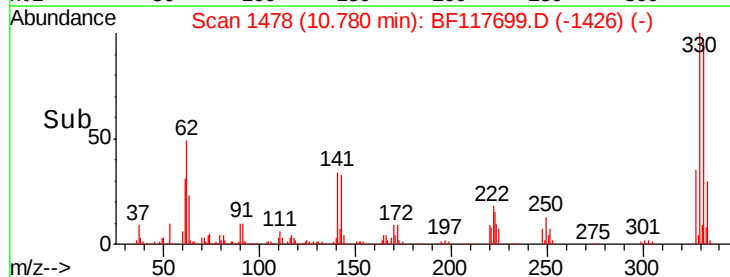
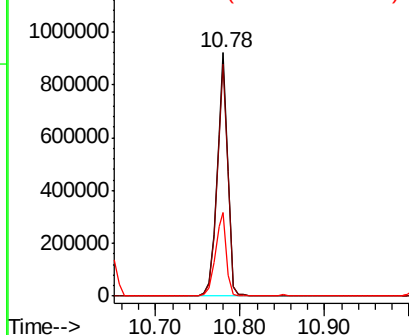
Lab File: BF117699.D

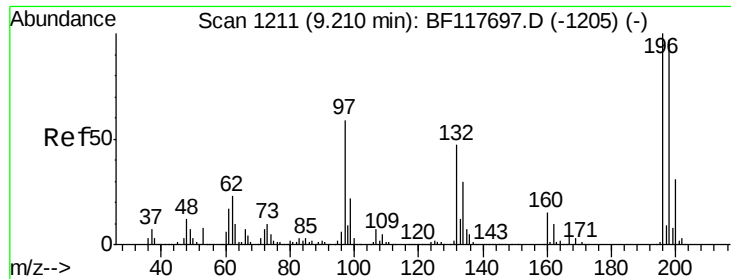
Acq: 6 Nov 2019 14:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 842943 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.1  | 77.4  | 116.0  |
| 141       | 35.3  | 28.0  | 42.0   |



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





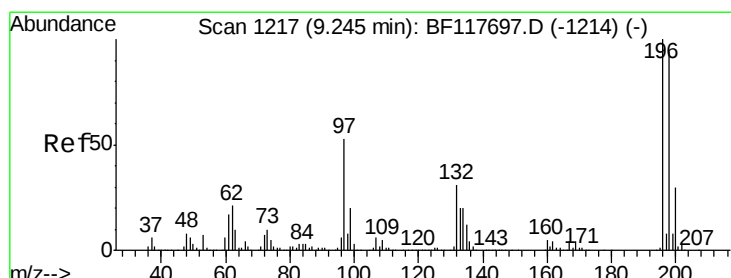
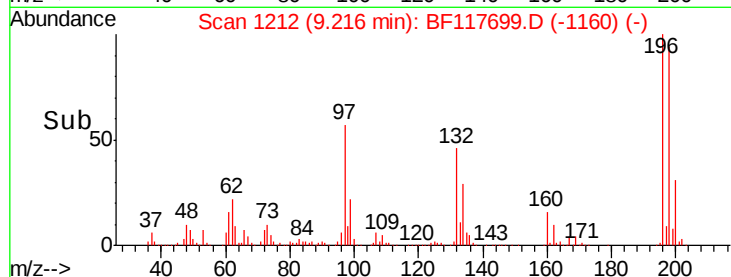
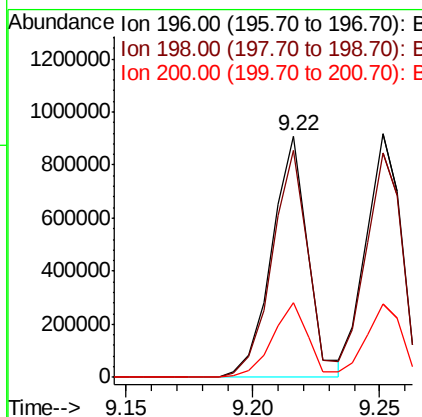
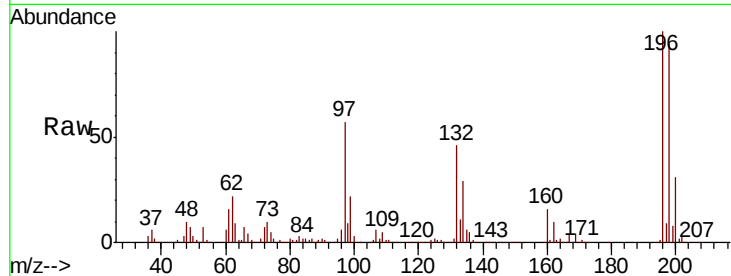
#43  
 2,4,6-Trichlorophenol  
 Concen: 64.955 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 895457 |       |       |
| 198     | 94.2  | 77.8   | 116.6 |       |
| 200     | 30.8  | 25.0   | 37.6  |       |

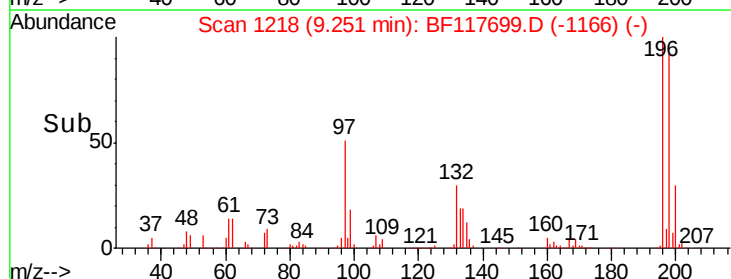
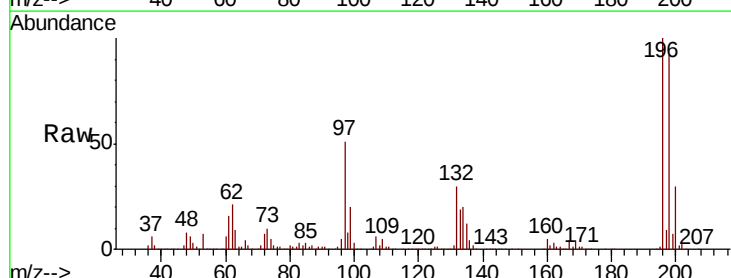
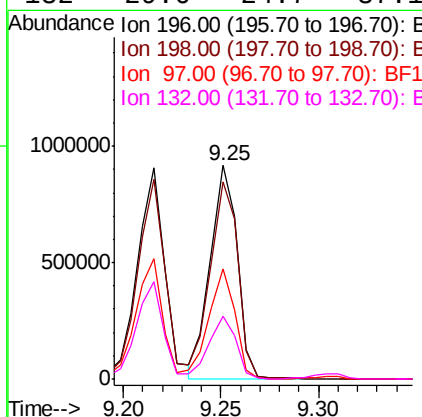
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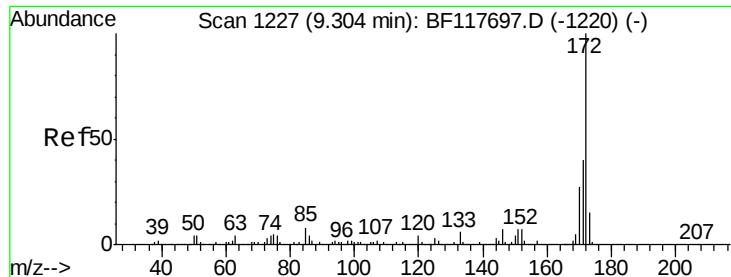
Sohil  
 11/8/2019 3:30:32 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 63.813 ng  
 RT: 9.25 min Scan# 1218  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 884949 |       |       |
| 198     | 92.3  | 75.4   | 113.0 |       |
| 97      | 51.3  | 42.5   | 63.7  |       |
| 132     | 29.6  | 24.7   | 37.1  |       |





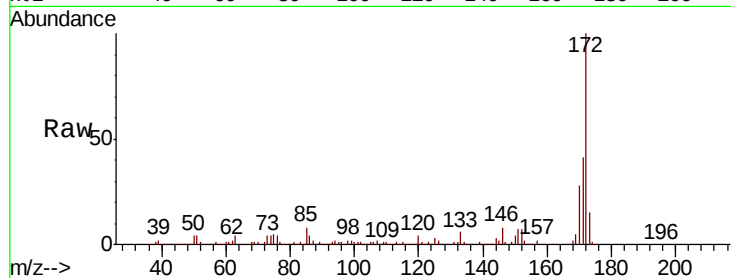
#45  
2-Fluorobiphenyl  
Concen: 110.048 ng  
RT: 9.31 min Scan# 1228  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 41.2  | 31.8  | 47.8  |
| 170     | 28.2  | 21.6  | 32.4  |

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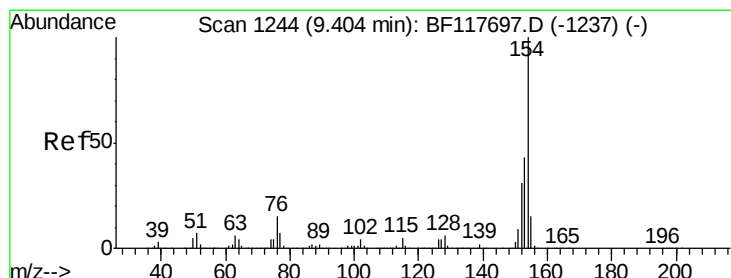
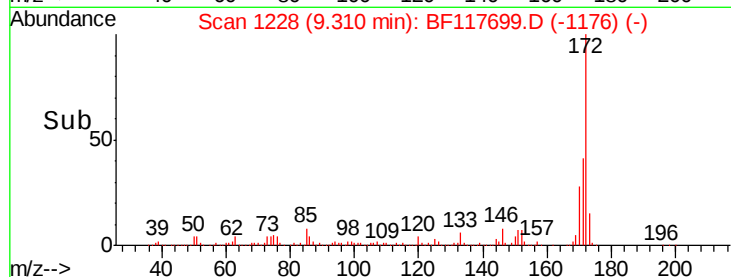
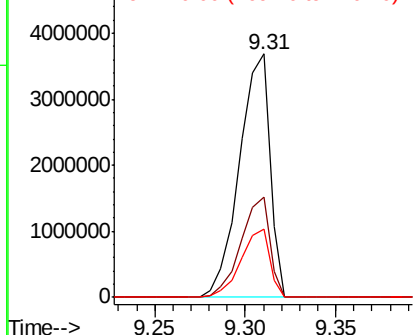


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 55.717 ng  
RT: 9.41 min Scan# 1245  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

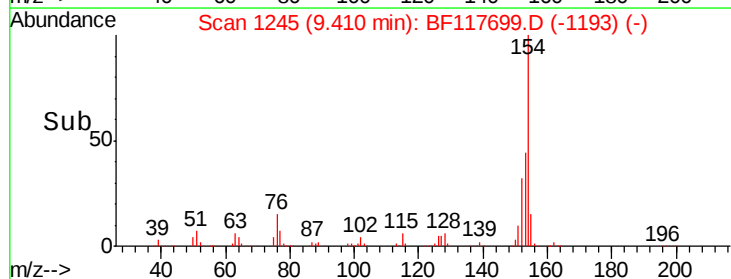
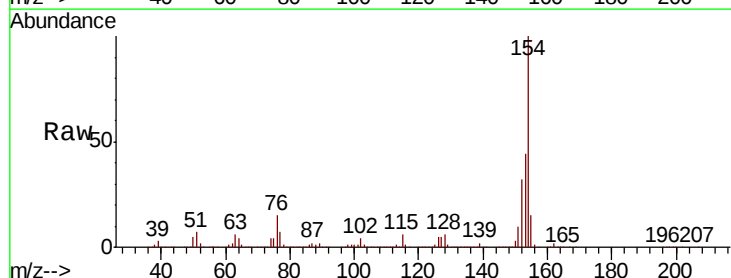
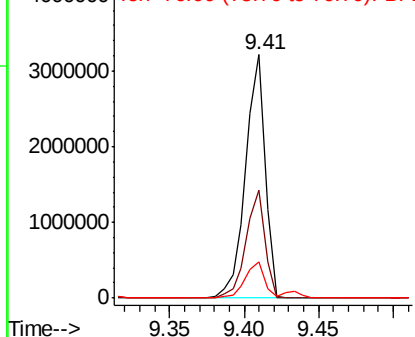
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 44.5  | 23.2  | 63.2  |
| 76      | 14.7  | 0.0   | 34.7  |

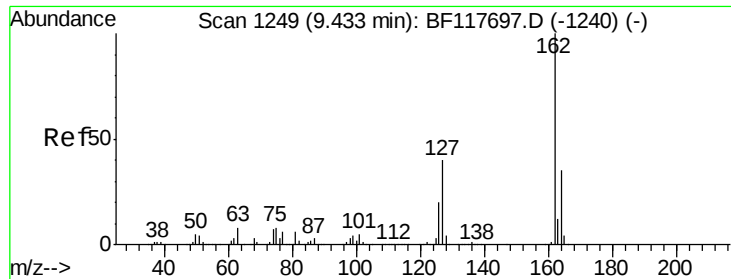
Abundance

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: 59.826 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:162 Resp: 2496297

Ion Ratio Lower Upper

162 100

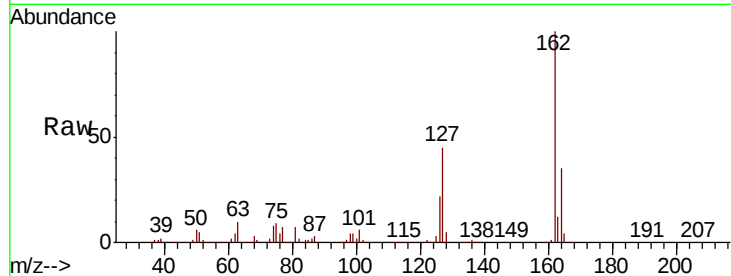
127 44.7 32.2 48.4

164 35.5 28.1 42.1

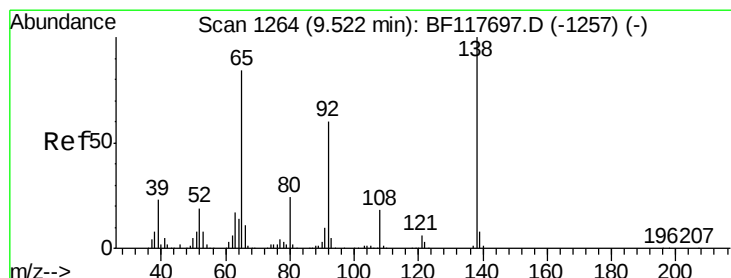
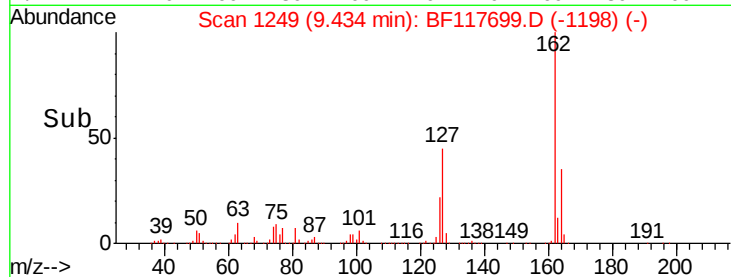
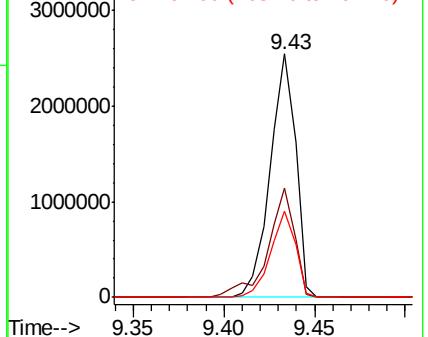
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Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 65.294 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

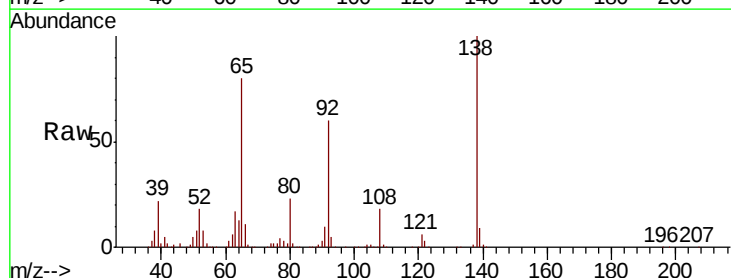
Tgt Ion: 65 Resp: 819057

Ion Ratio Lower Upper

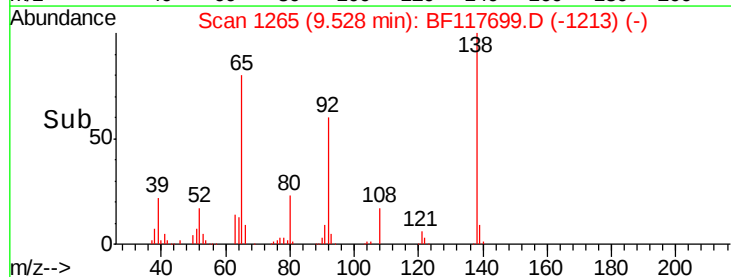
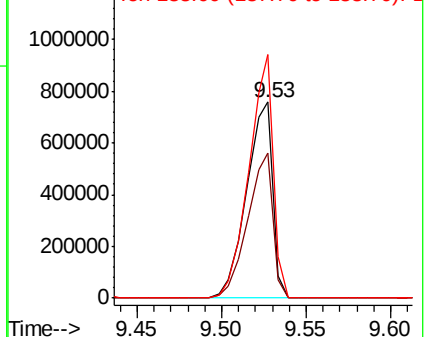
65 100

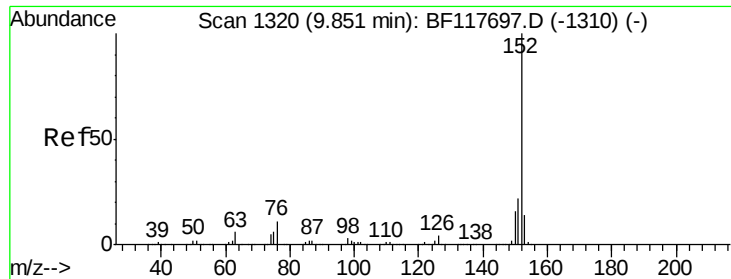
92 74.1 57.3 85.9

138 124.3 95.0 142.6



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





#49

Acenaphthylene

Concen: 58.107 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 3569727

Ion Ratio Lower Upper

152 100

151 23.5 17.8 26.6

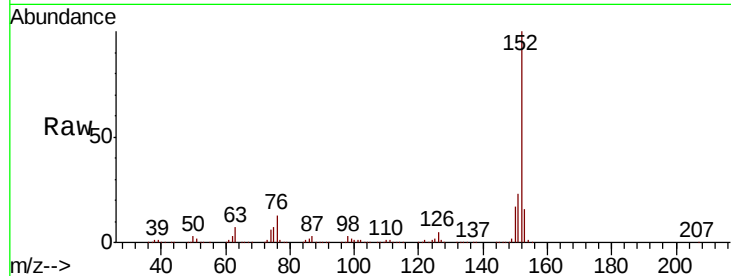
153 15.8 11.5 17.3

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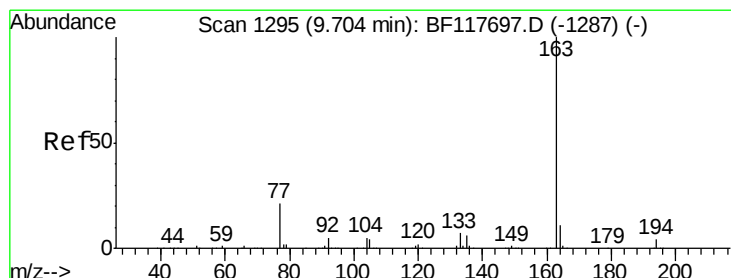
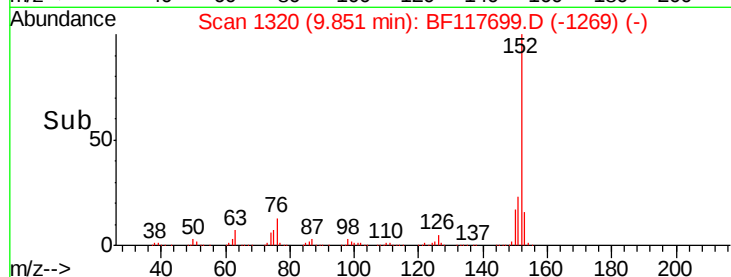
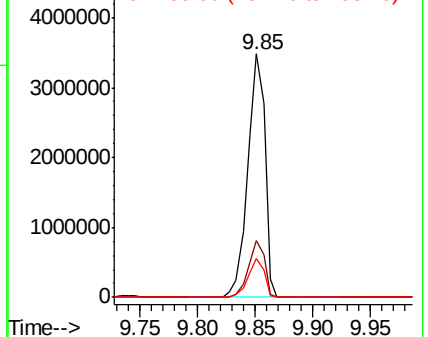
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 60.581 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

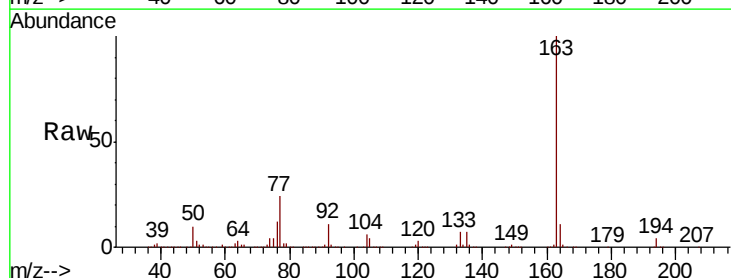
Tgt Ion:163 Resp: 2901862

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

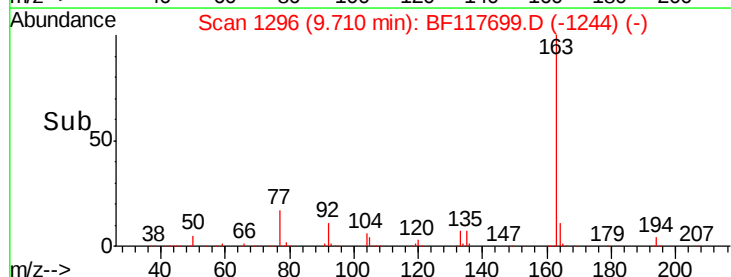
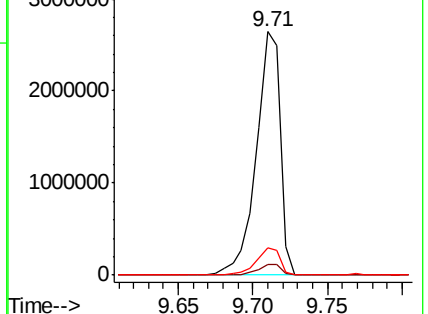
164 11.4 8.9 13.3

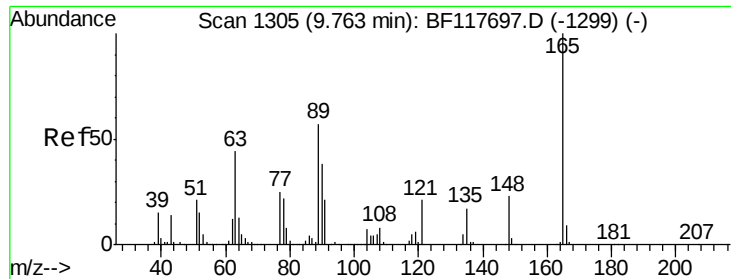


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





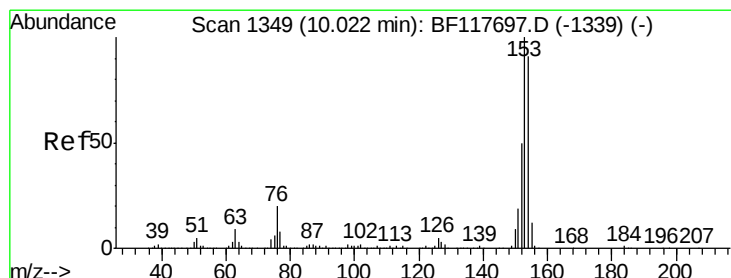
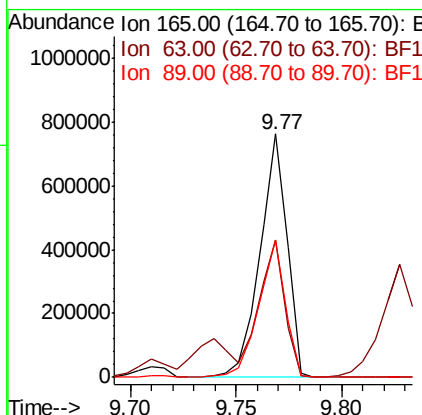
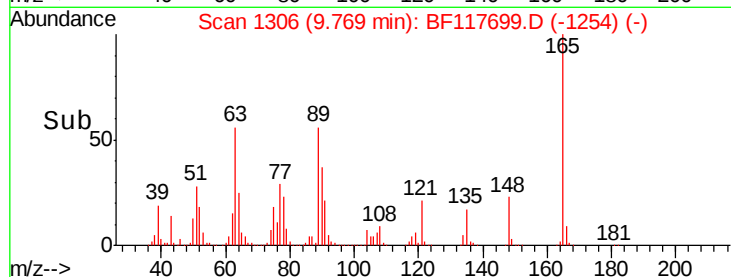
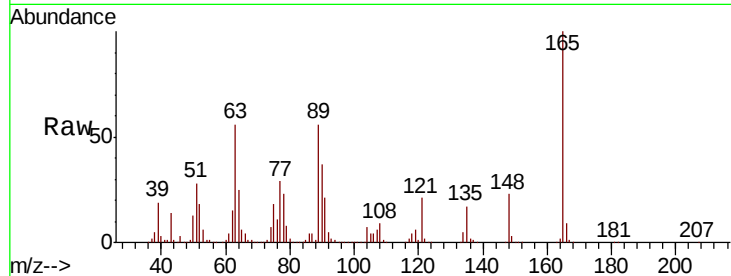
#51  
 2,6-Dinitrotoluene  
 Concen: 65.329 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 680551 |       |       |
| 63      | 56.5  | 45.6   | 68.4  |       |
| 89      | 56.3  | 45.8   | 68.6  |       |

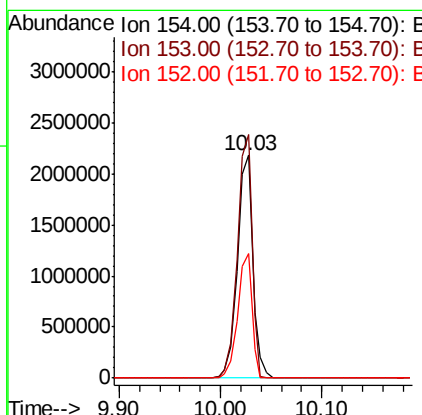
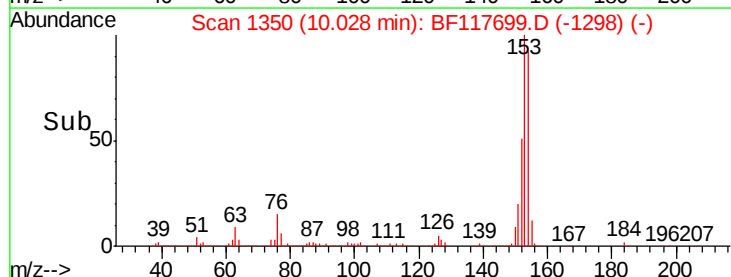
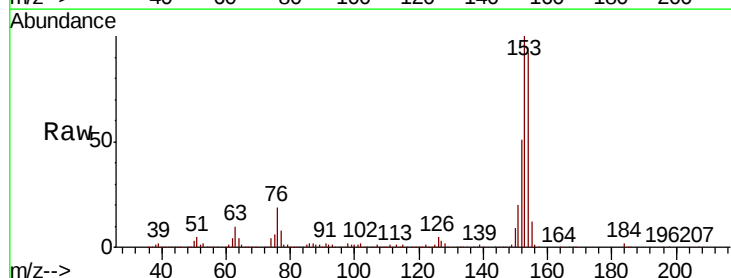
Manual Integrations  
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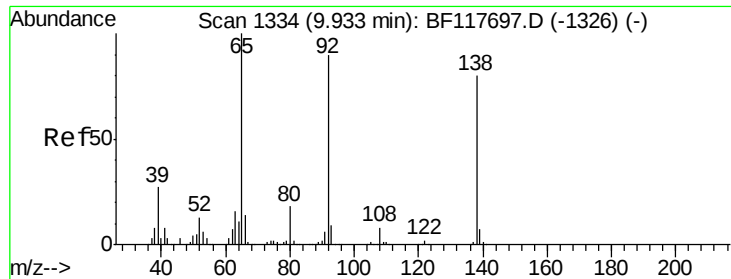
Sohil  
 11/8/2019 3:30:32 PM



#52  
 Acenaphthene  
 Concen: 59.564 ng  
 RT: 10.03 min Scan# 1350  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 2308811 |       |       |
| 153     | 109.2 | 87.8    | 131.6 |       |
| 152     | 56.0  | 43.5    | 65.3  |       |





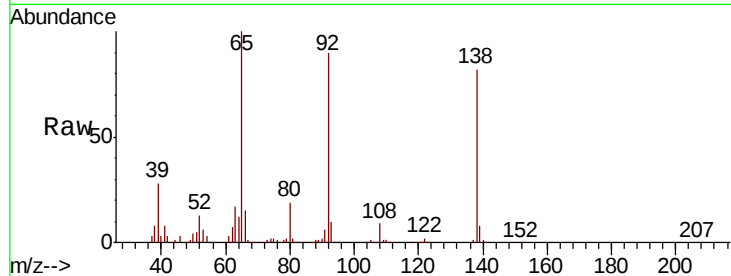
#53  
3-Nitroaniline  
Concen: 64.388 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.6  | 8.5   | 12.7  |
| 92      | 109.6 | 89.8  | 134.8 |

Manual Integrations  
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11/8/2019 3:30:32 PM

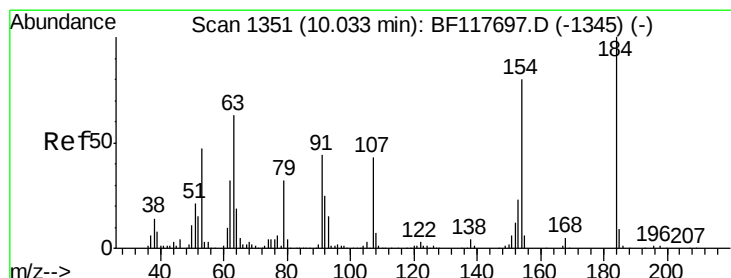
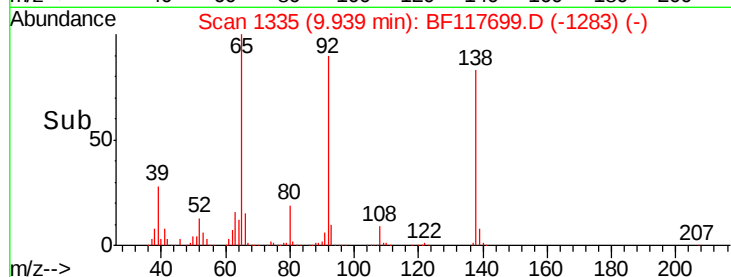
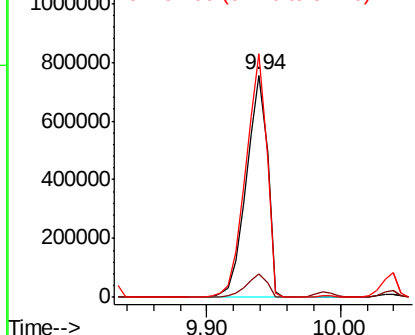


Abundance

Ion 138.00 (137.70 to 138.70): E

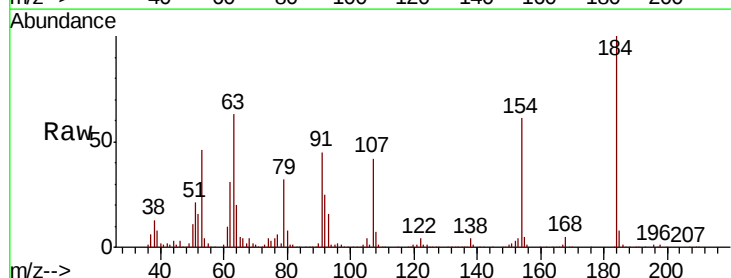
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54  
2,4-Dinitrophenol  
Concen: 76.621 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 62.6  | 51.4  | 77.0  |
| 154     | 60.6  | 70.2  | 105.2 |

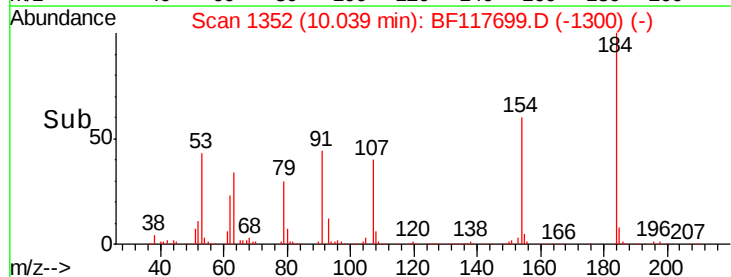
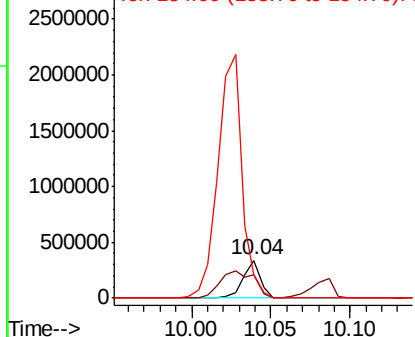


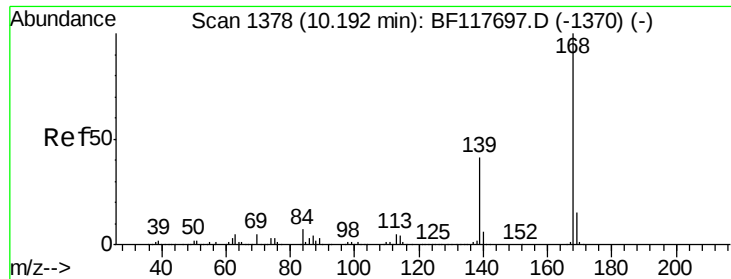
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 59.194 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:168 Resp: 3229557

Ion Ratio Lower Upper

168 100

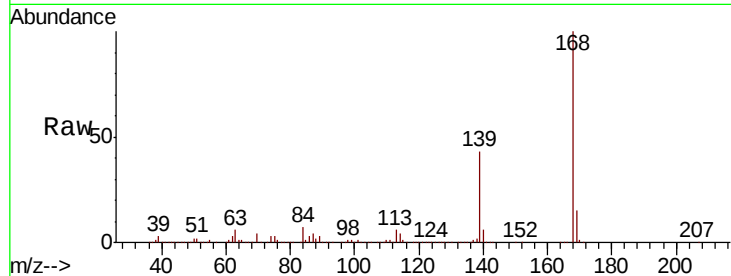
139 43.3 33.2 49.8

169 15.2 11.7 17.5

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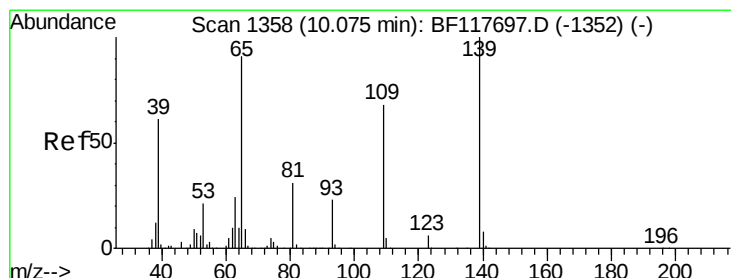
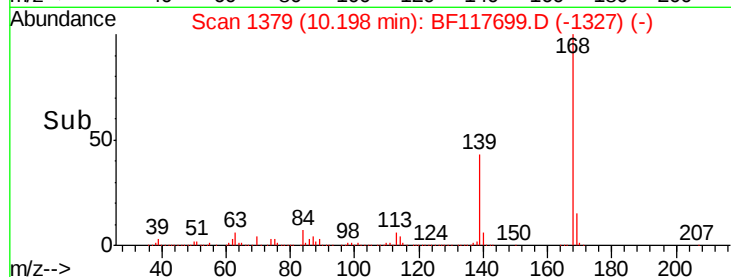
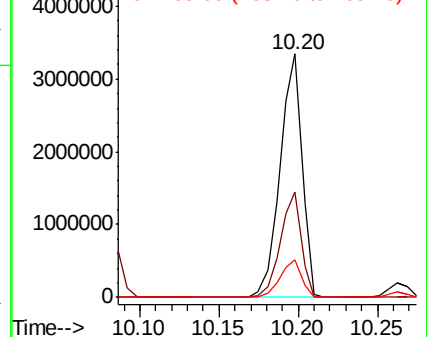


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 65.705 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

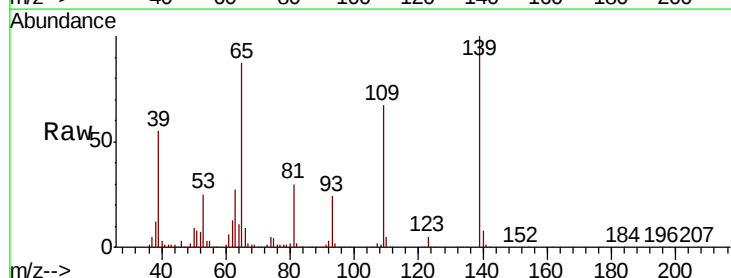
Tgt Ion:139 Resp: 617357

Ion Ratio Lower Upper

139 100

109 66.5 47.7 87.7

65 87.2 71.9 111.9

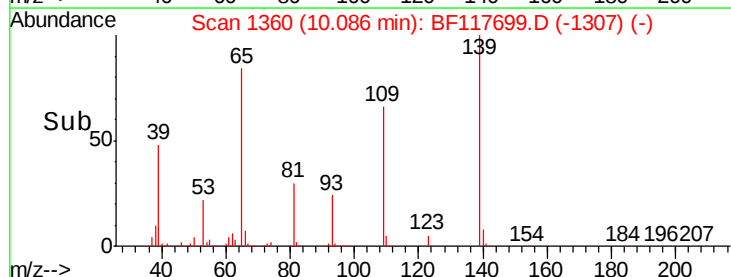
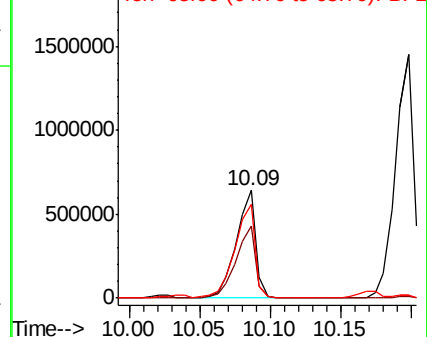


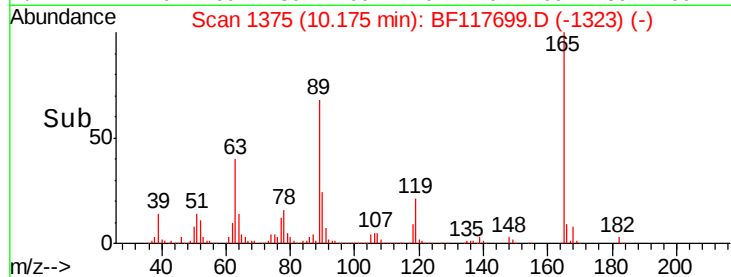
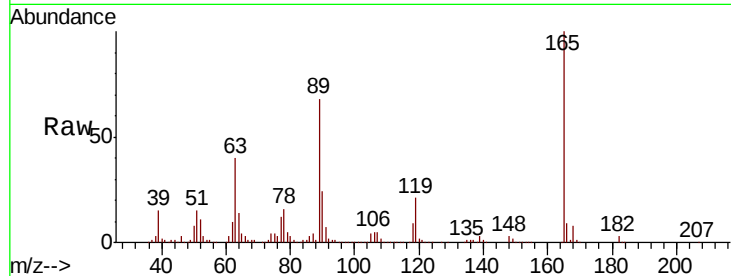
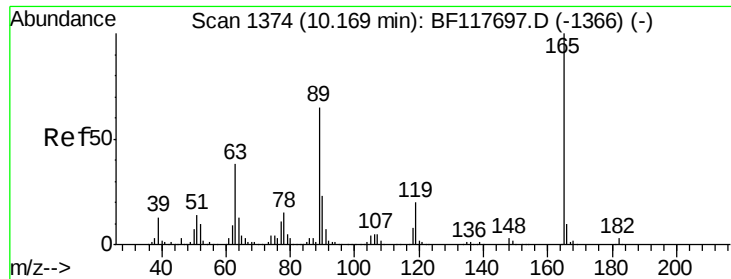
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 67.922 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 888532 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 40.1  | 30.4  | 45.6   |
| 89        | 67.6  | 52.2  | 78.4   |
| 182       | 2.9   | 2.3   | 3.5    |

Instrument :

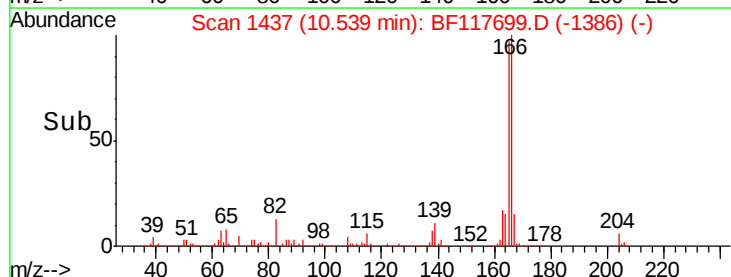
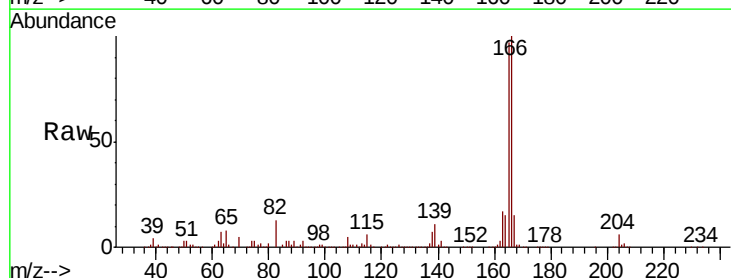
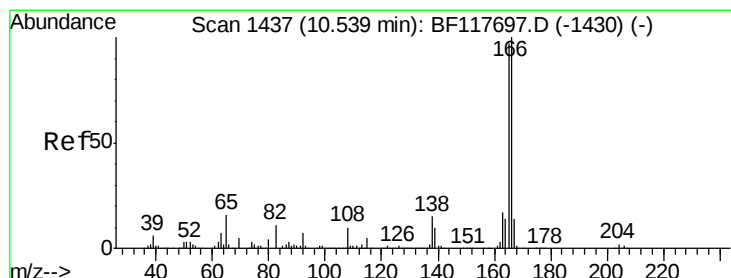
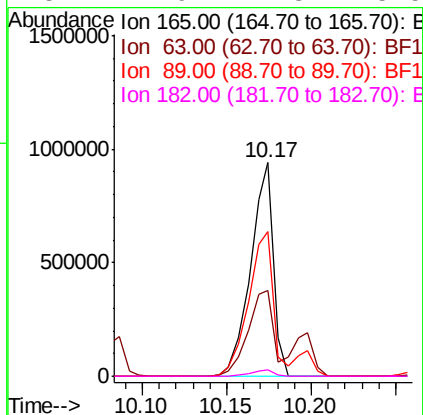
BNA\_F

ClientSampleId :

SSTDIC060

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#58

Fluorene

Concen: 57.950 ng

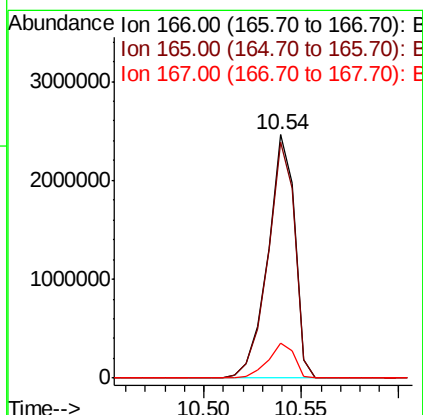
RT: 10.54 min Scan# 1437

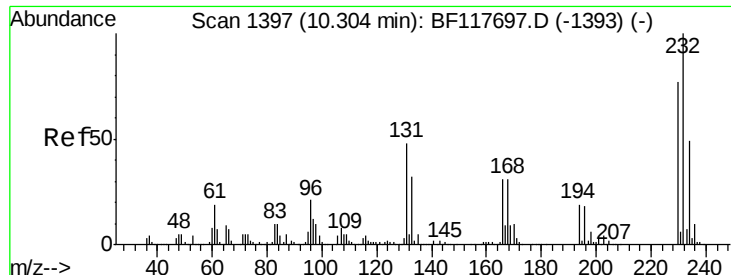
Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 166   | Resp: | 2343916 |
| Ion Ratio | Lower | Upper |         |
| 166       | 100   |       |         |
| 165       | 96.7  | 77.4  | 116.0   |
| 167       | 14.6  | 11.0  | 16.4    |





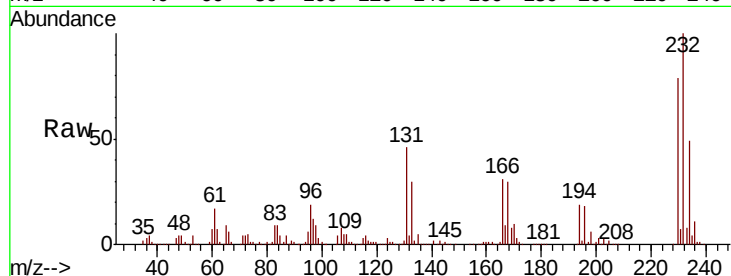
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 66.575 ng  
 RT: 10.31 min Scan# 1398  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.9  | 37.8  | 56.8  |
| 130     | 2.4   | 1.9   | 2.9   |
| 166     | 30.9  | 24.6  | 36.8  |

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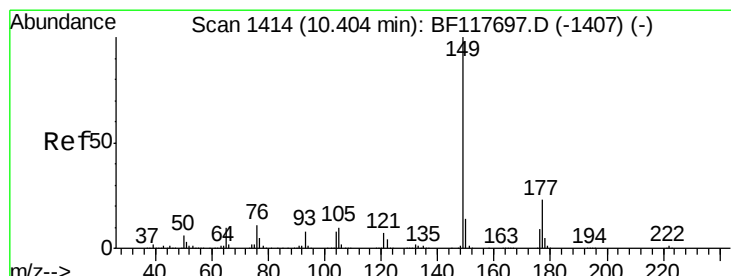
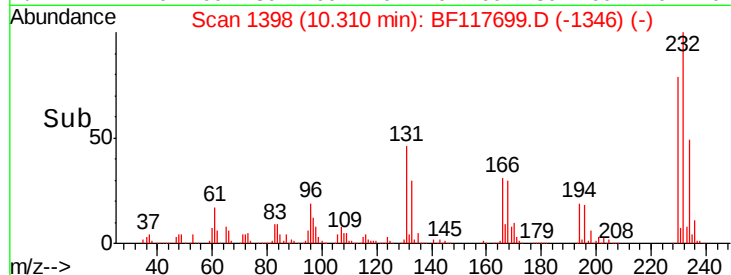
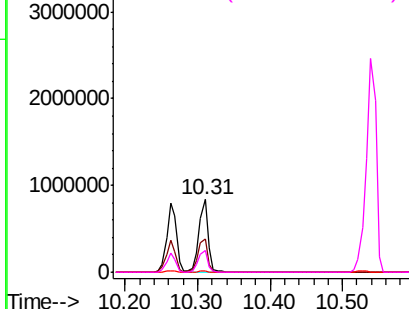
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

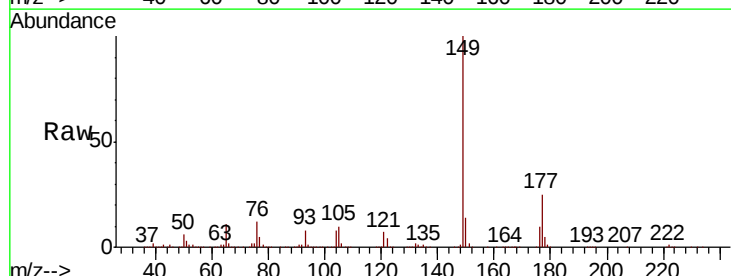
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 60.856 ng  
 RT: 10.41 min Scan# 1415  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.5  | 18.8  | 28.2  |
| 150     | 13.9  | 10.8  | 16.2  |

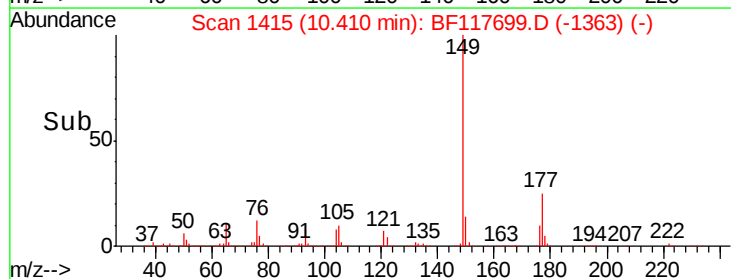
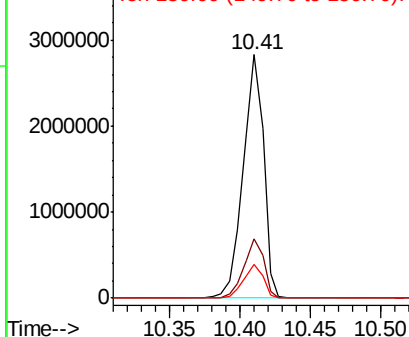


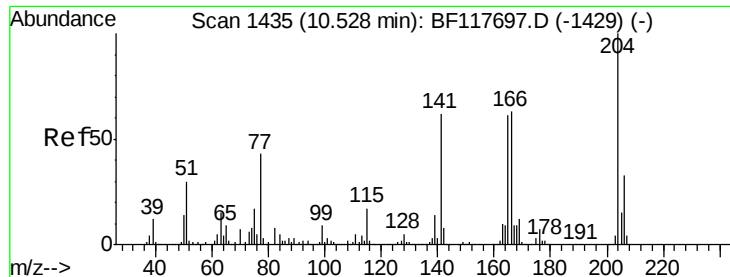
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





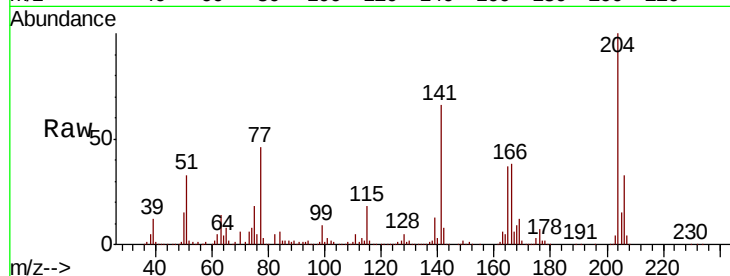
#61  
4-Chlorophenyl-phenylether  
Concen: 59.262 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.2  | 39.4  |
| 141     | 66.0  | 49.7  | 74.5  |

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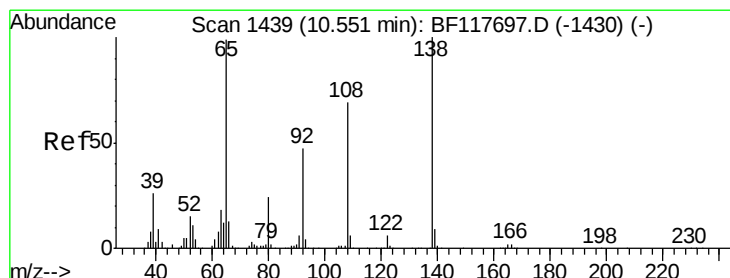
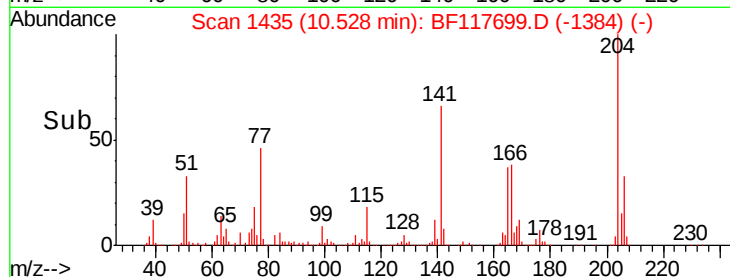
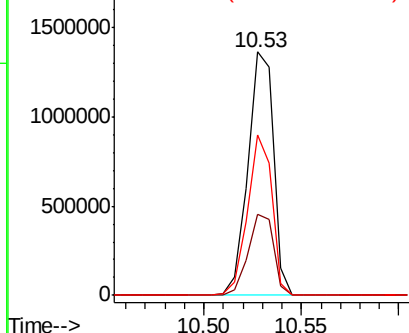


Abundance

Ion 204.00 (203.70 to 204.70): E

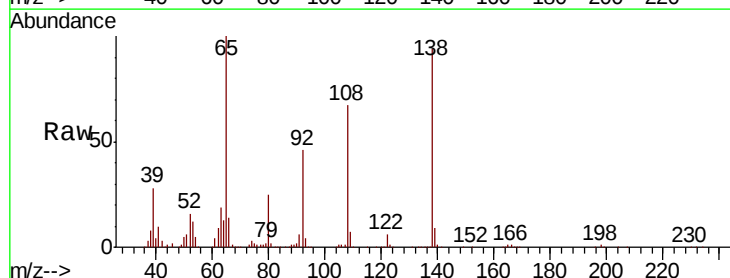
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 65.887 ng  
RT: 10.56 min Scan# 1440  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.9  | 26.9  | 66.9  |
| 108     | 71.6  | 49.1  | 89.1  |

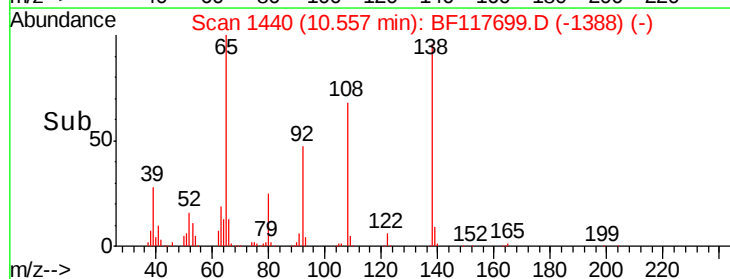
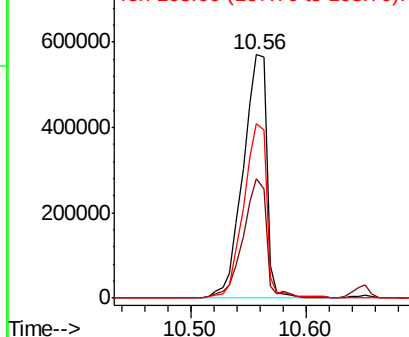


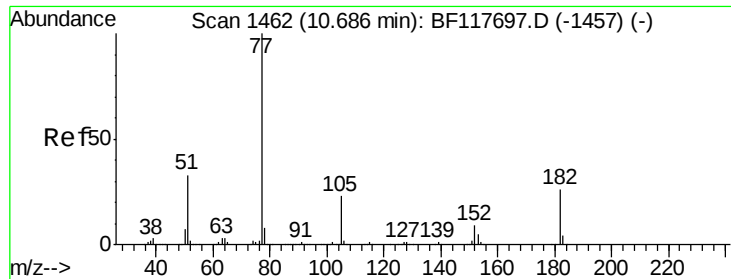
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





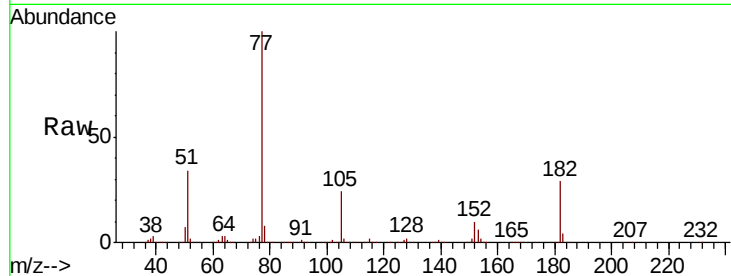
#63  
Azobenzene  
Concen: 59.439 ng  
RT: 10.69 min Scan# 1463  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 29.5 | 6.0   | 46.0  |       |
| 105     | 24.5 | 2.8   | 42.8  |       |
| 51      | 33.8 | 13.0  | 53.0  |       |

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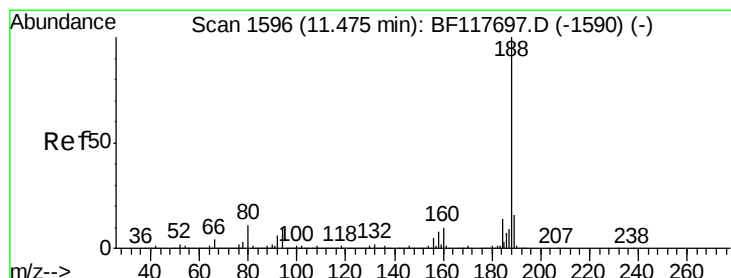
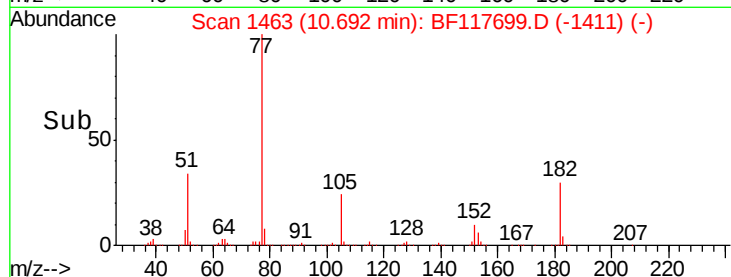
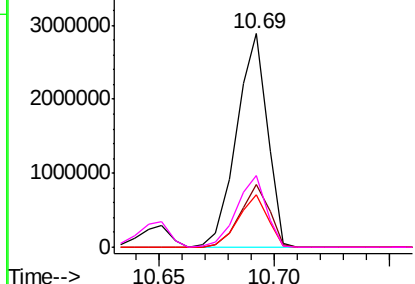
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.48 min Scan# 1597  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

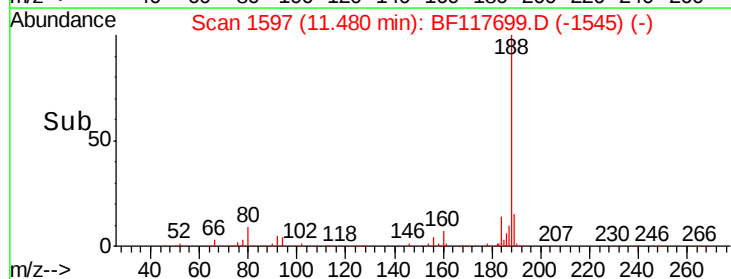
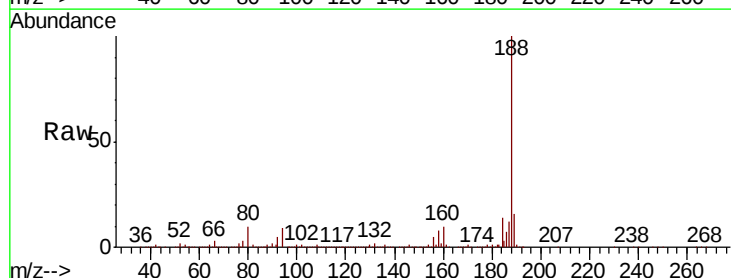
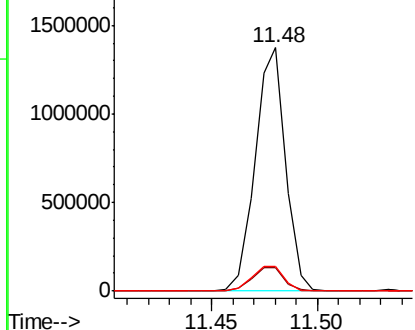
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.4  | 8.2   | 12.4  |       |
| 80      | 10.0 | 8.6   | 13.0  |       |

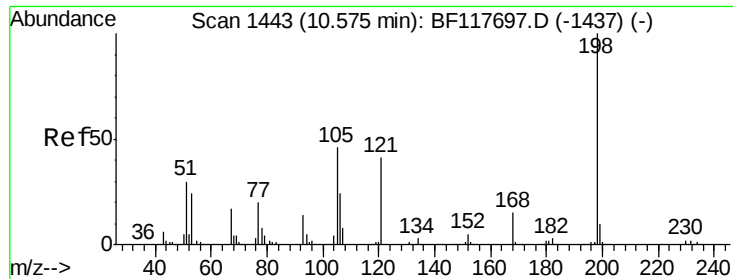
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





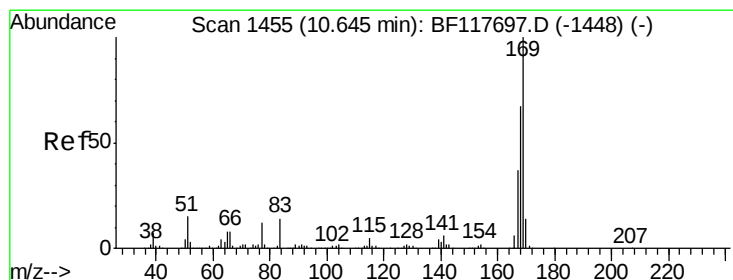
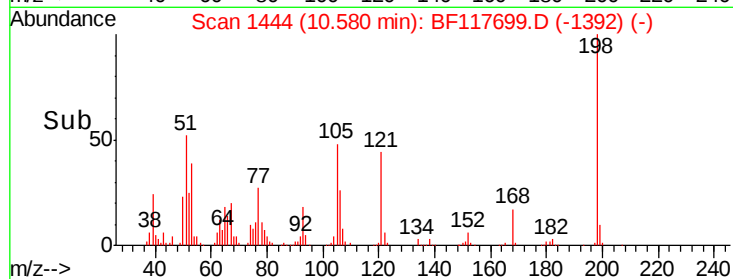
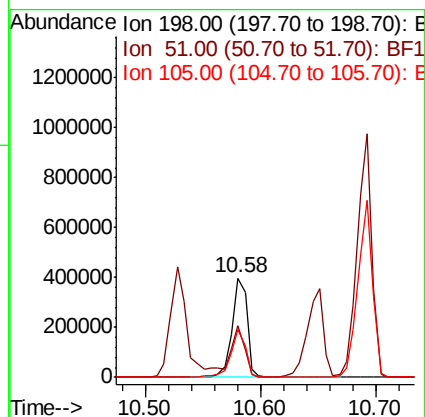
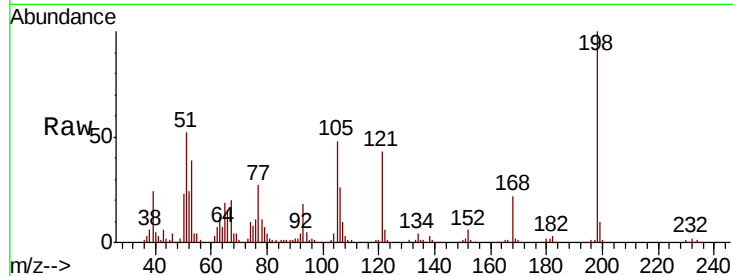
#65  
4,6-Dinitro-2-methylphenol  
Concen: 72.441 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 51.9  | 28.1  | 68.1  |
| 105     | 48.0  | 27.3  | 67.3  |

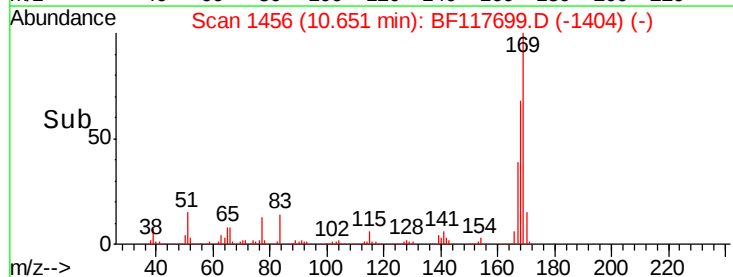
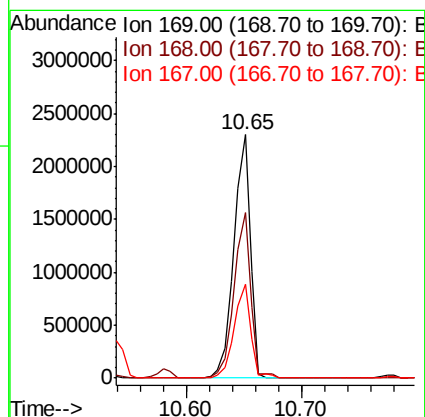
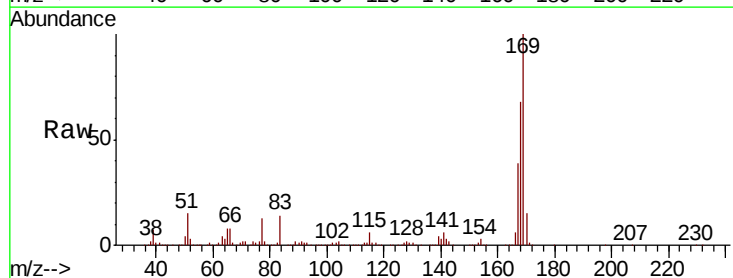
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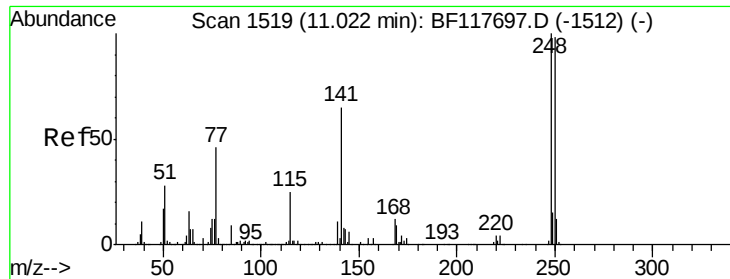
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#66  
n-Nitrosodiphenylamine  
Concen: 57.195 ng  
RT: 10.65 min Scan# 1456  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.1  | 53.8  | 80.8  |
| 167     | 38.7  | 29.9  | 44.9  |





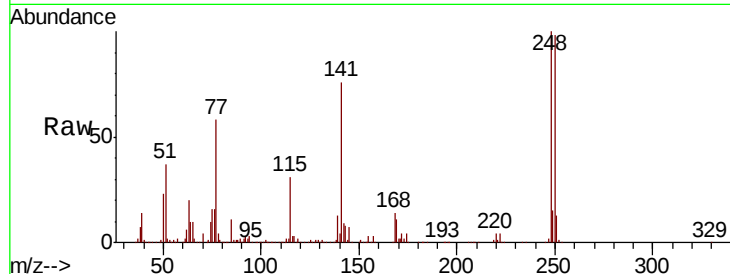
#67  
4-Bromophenyl-phenylether  
Concen: 59.592 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.6  | 78.7  | 118.1 |
| 141     | 75.7  | 51.8  | 77.8  |

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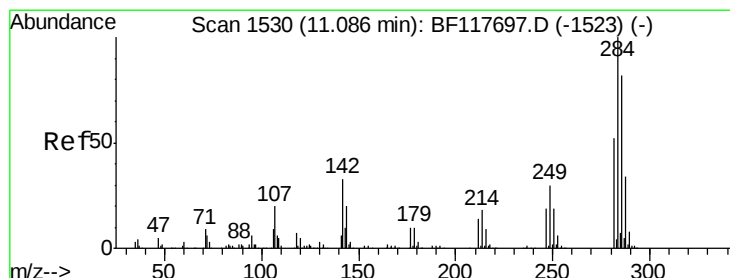
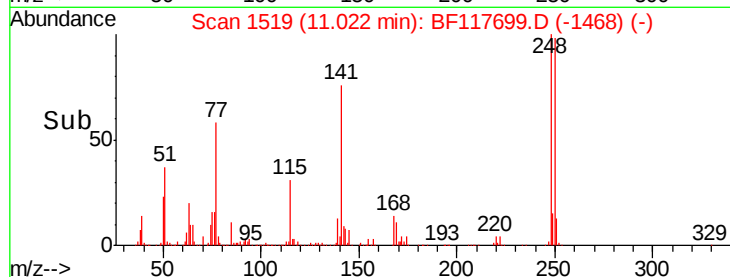
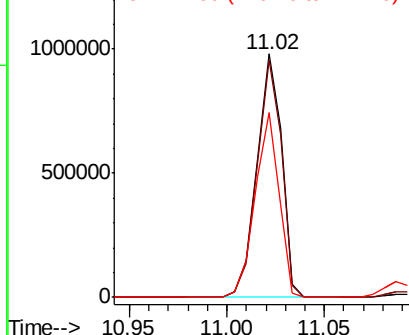


Abundance

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: 59.000 ng  
RT: 11.09 min Scan# 1531  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

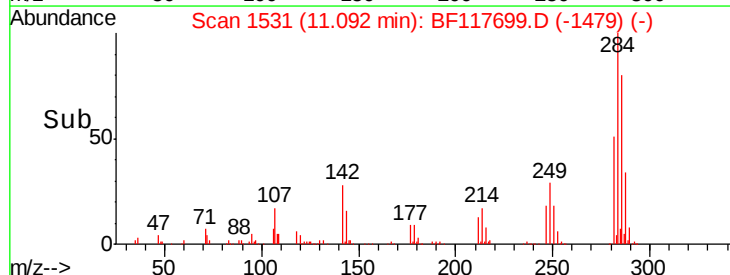
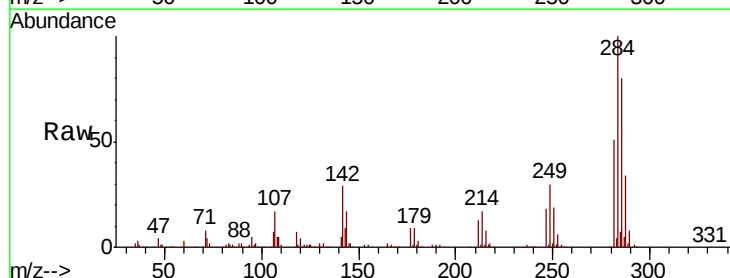
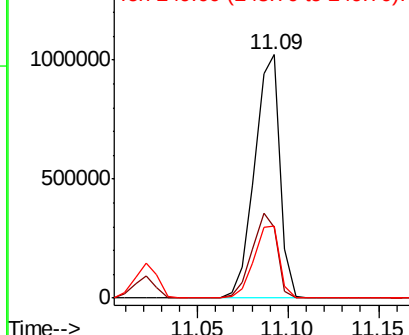
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.1  | 26.6  | 39.8  |
| 249     | 29.7  | 24.4  | 36.6  |

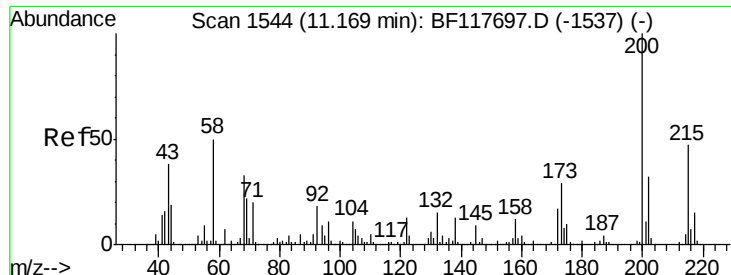
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





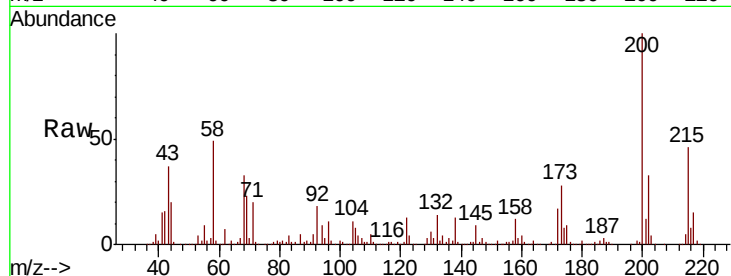
#69  
Atrazine  
Concen: 93.979 ng  
RT: 11.17 min Scan# 1545  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.4  | 8.5        | 48.5  |
| 215     | 46.1  | 27.4       | 67.4  |

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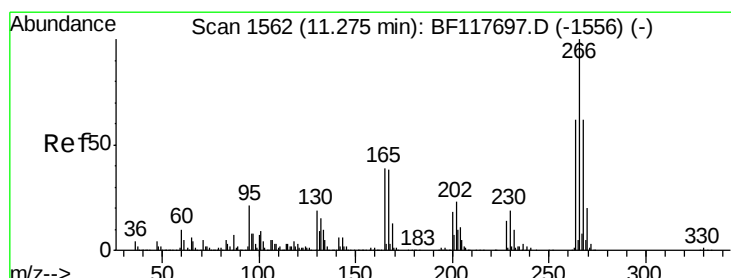
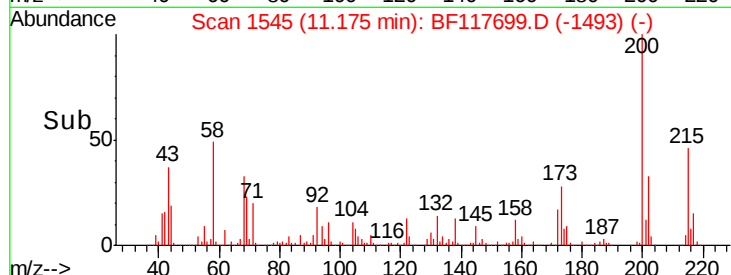
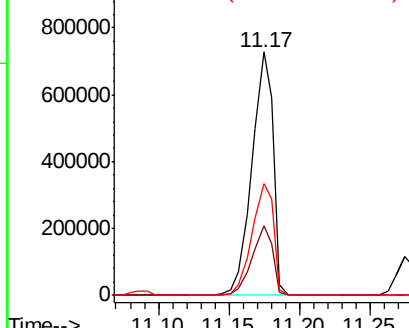


Abundance

Ion 200.00 (199.70 to 200.70): E

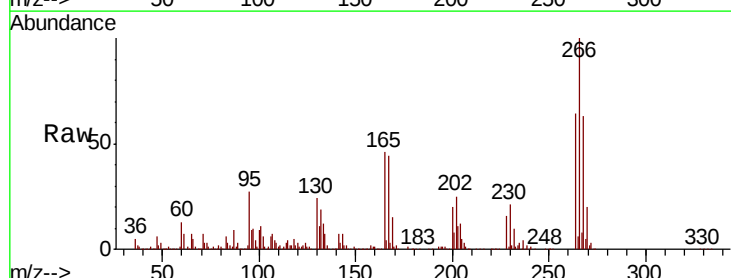
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 67.162 ng  
RT: 11.27 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 62.8  | 49.8       | 74.6  |
| 264     | 64.3  | 49.7       | 74.5  |

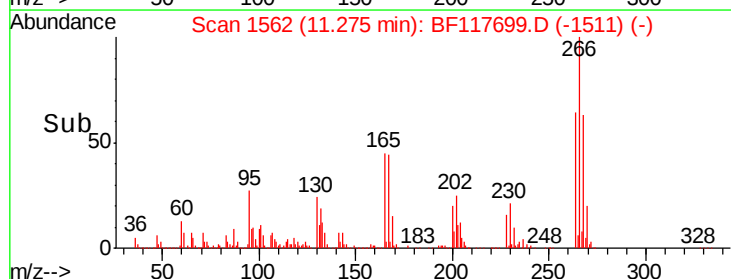
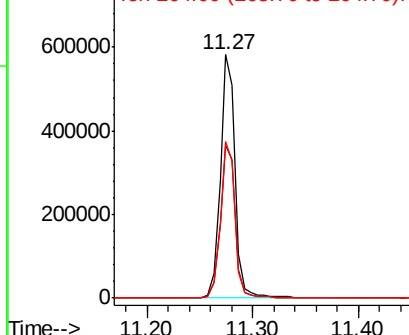


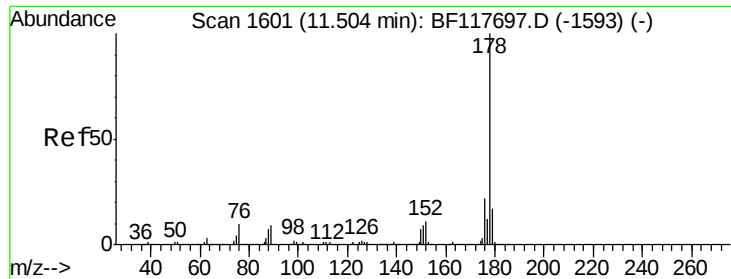
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.673 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 3580764

Ion Ratio Lower Upper

178 100

176 22.6 17.7 26.5

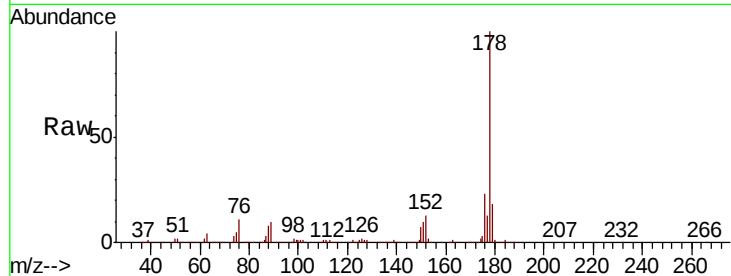
179 17.9 13.8 20.8

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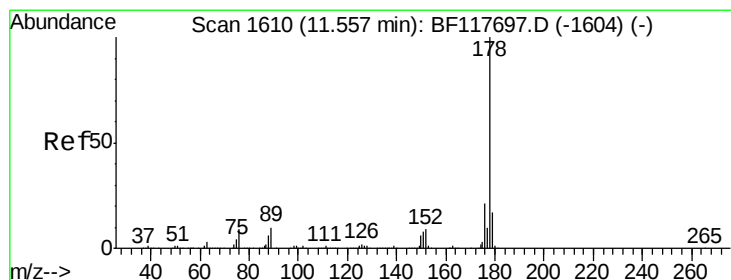
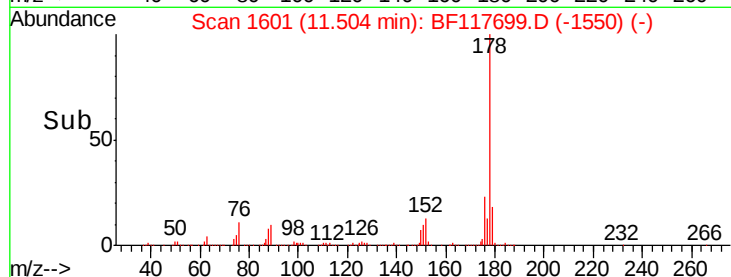
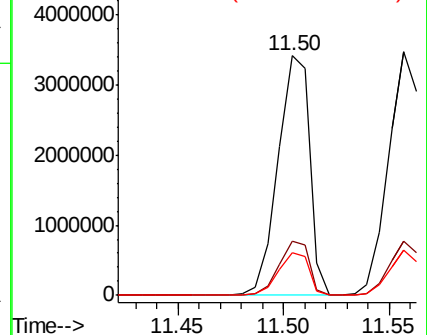
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.232 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Tgt Ion:178 Resp: 3569792

Ion Ratio Lower Upper

178 100

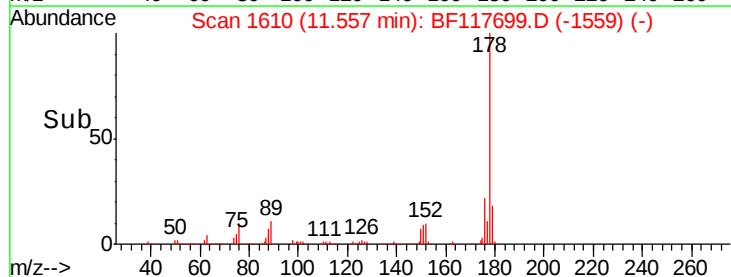
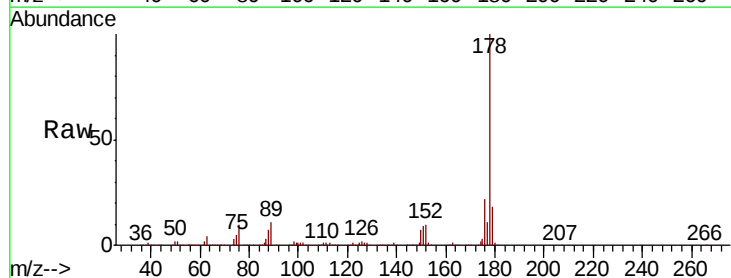
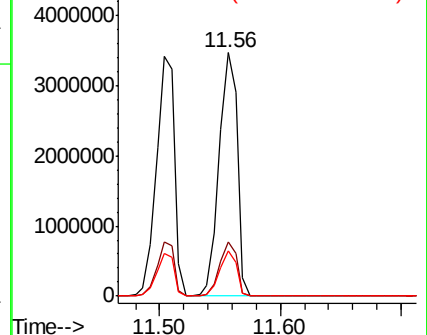
176 22.3 16.6 25.0

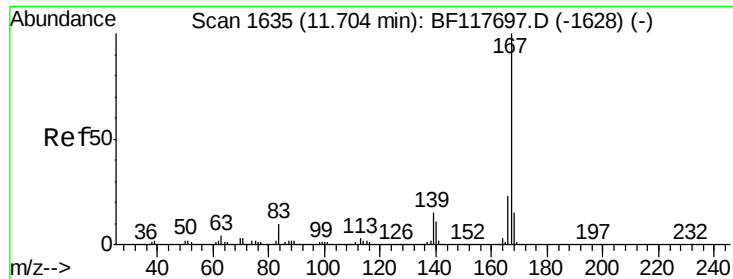
179 18.4 13.5 20.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





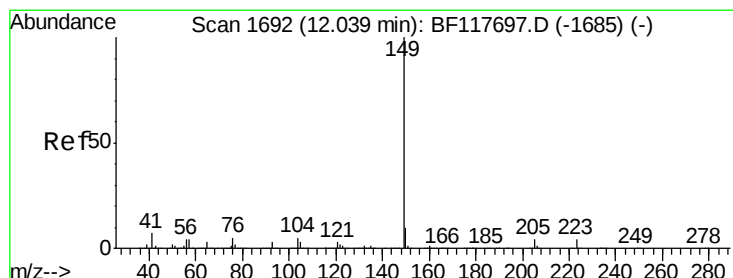
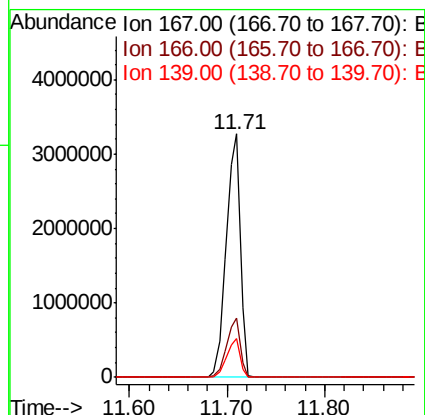
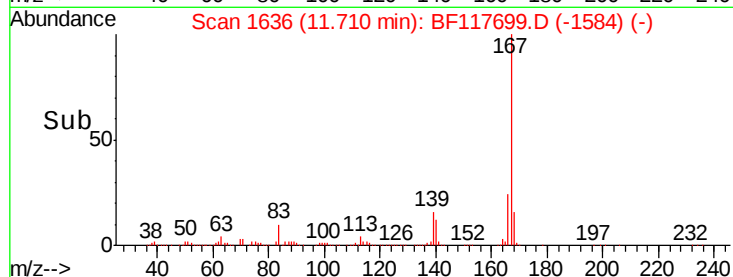
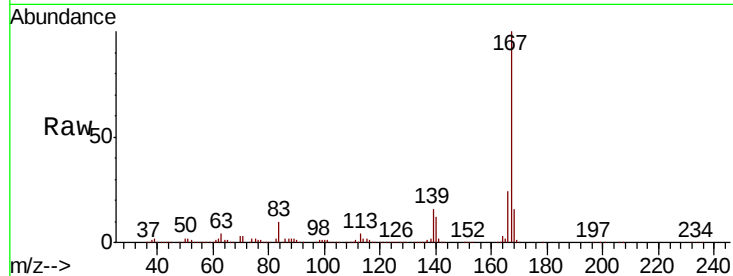
#73  
 Carbazole  
 Concen: 55.537 ng  
 RT: 11.71 min Scan# 1636  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:167 Resp: 3281715  
 Ion Ratio Lower Upper  
 167 100  
 166 24.2 18.6 27.8  
 139 15.8 11.9 17.9

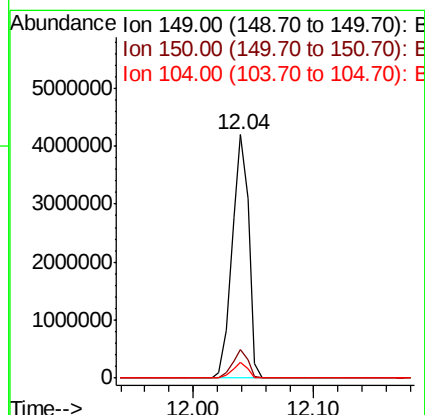
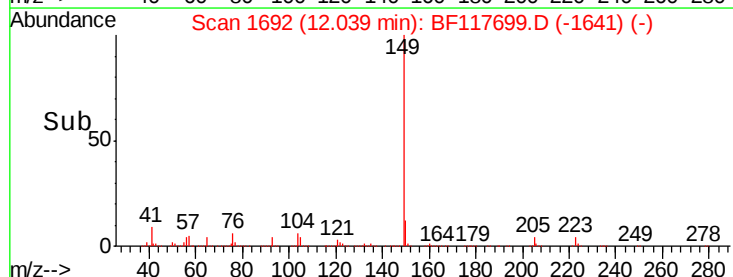
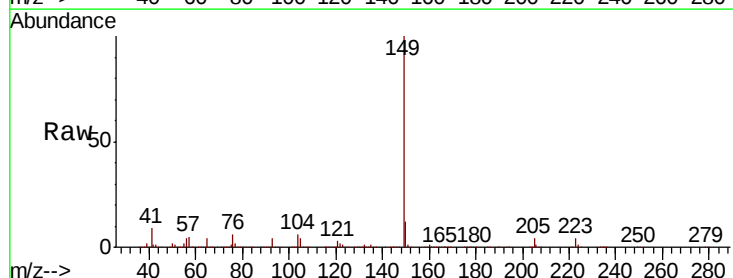
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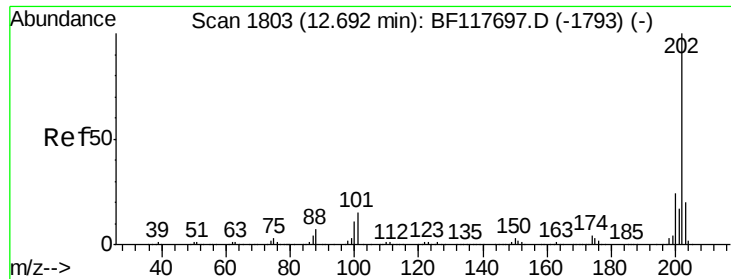
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#74  
 Di-n-butylphthalate  
 Concen: 56.050 ng  
 RT: 12.04 min Scan# 1692  
 Delta R.T. 0.00 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:149 Resp: 3975385  
 Ion Ratio Lower Upper  
 149 100  
 150 11.6 8.3 12.5  
 104 6.5 4.2 6.4#





#75

Fluoranthene

Concen: 55.856 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:202 Resp: 3662798

Ion Ratio Lower Upper

202 100

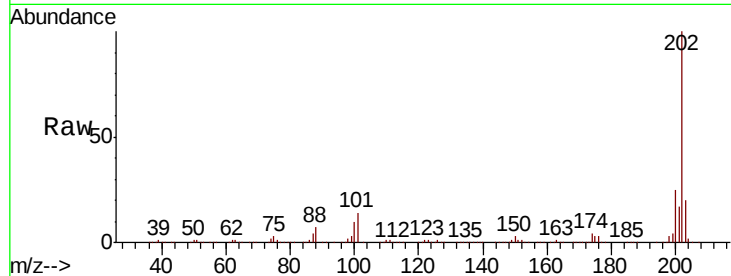
101 13.7 0.0 34.5

203 20.5 0.0 39.8

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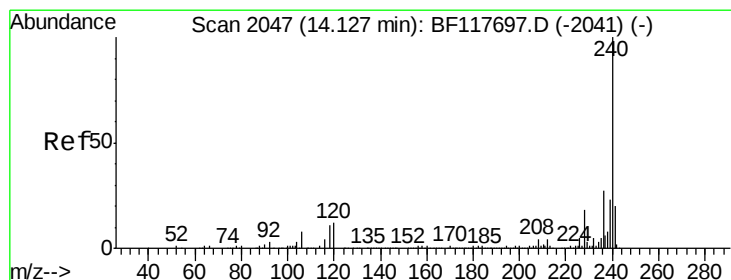
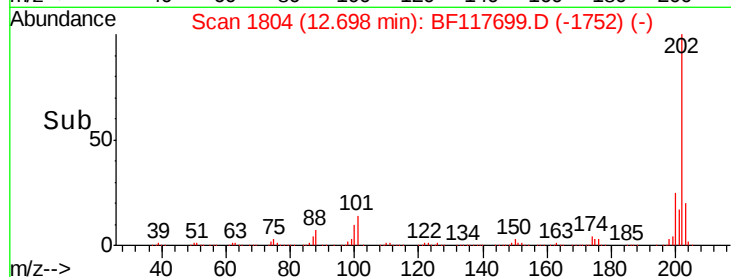
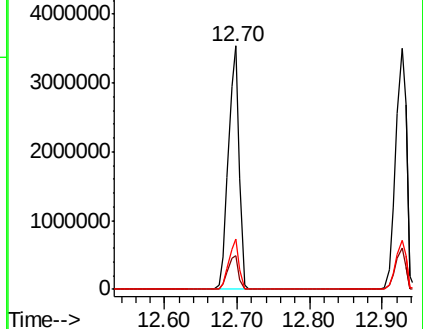
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Tgt Ion:240 Resp: 879145

Ion Ratio Lower Upper

240 100

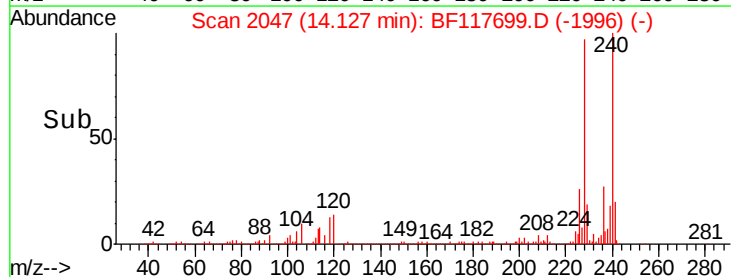
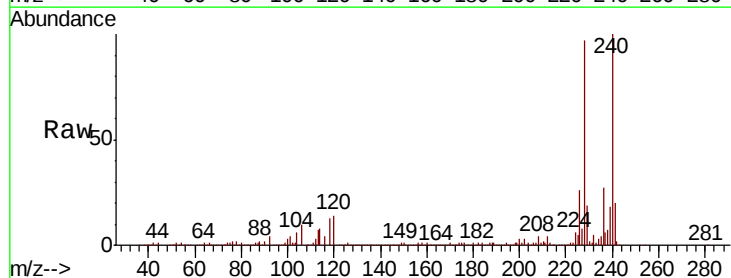
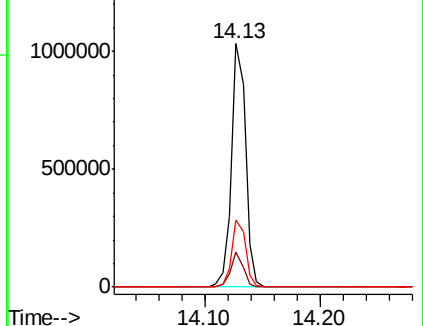
120 14.2 9.7 14.5

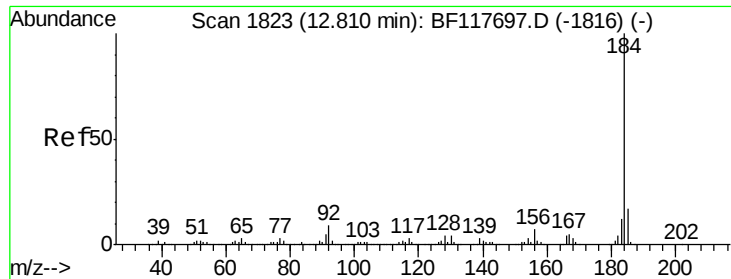
236 27.5 21.9 32.9

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: 101.449 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 1753065

Ion Ratio Lower Upper

184 100

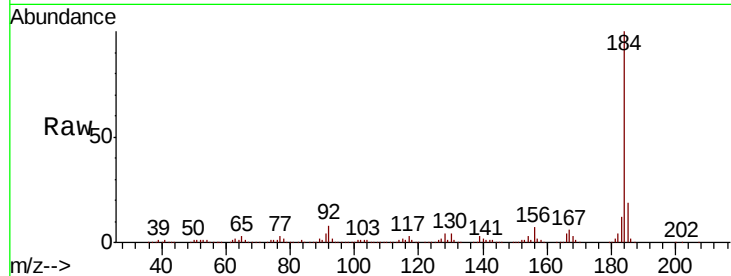
185 18.5 13.3 19.9

183 12.3 9.6 14.4

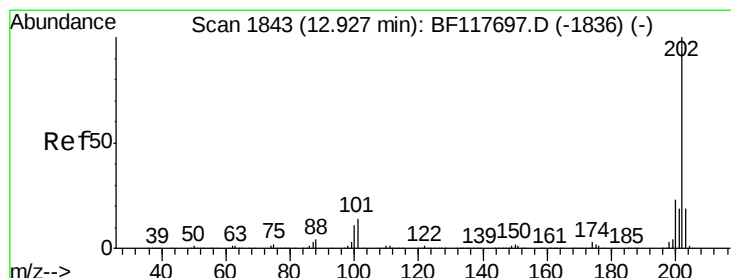
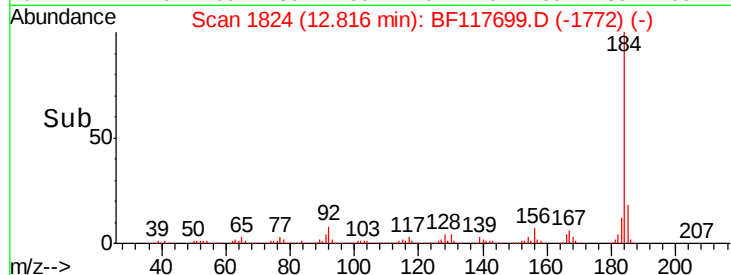
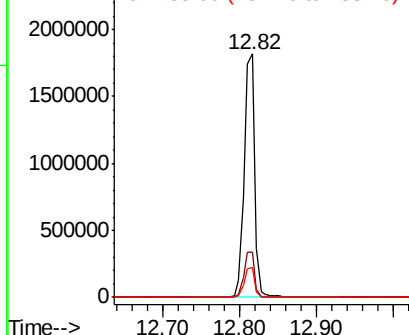
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Abundance Ion 184.00 (183.70 to 184.70): E  
2500000  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 59.938 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

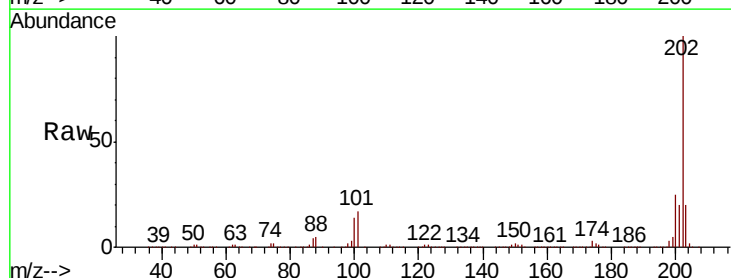
Tgt Ion:202 Resp: 3704211

Ion Ratio Lower Upper

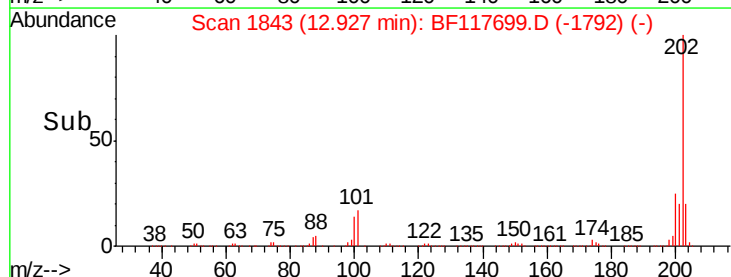
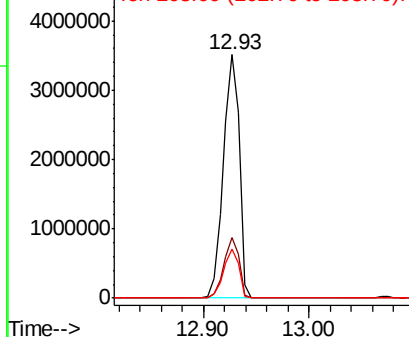
202 100

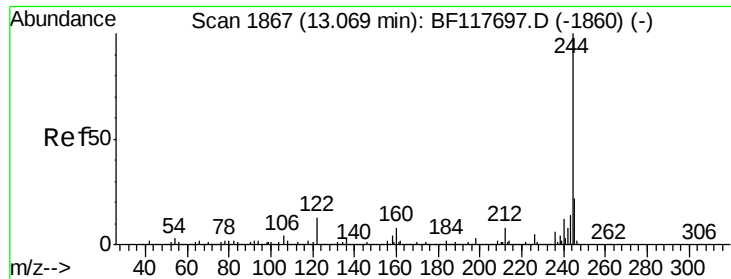
200 24.9 18.8 28.2

203 20.2 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E  
4000000  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





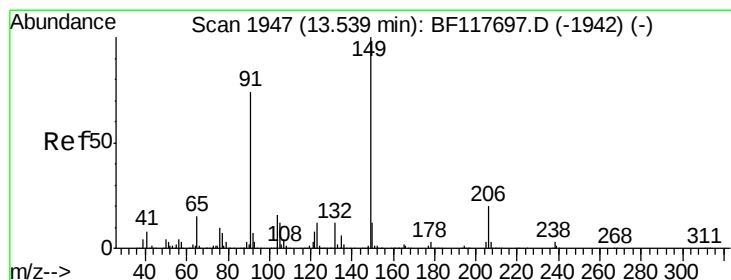
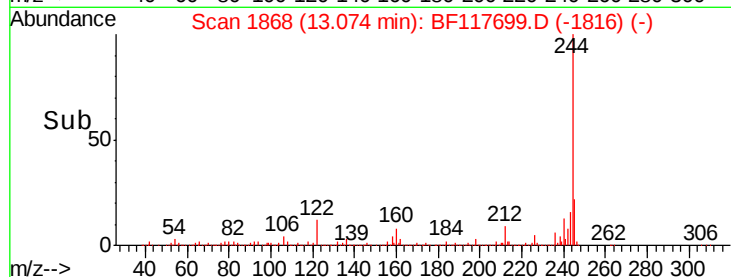
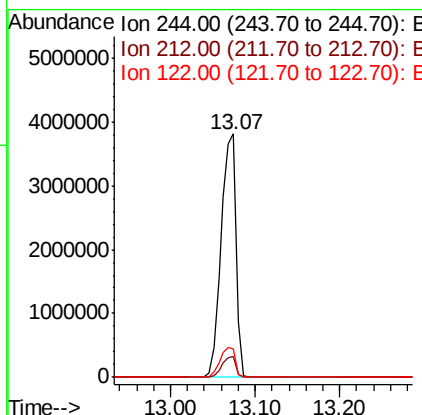
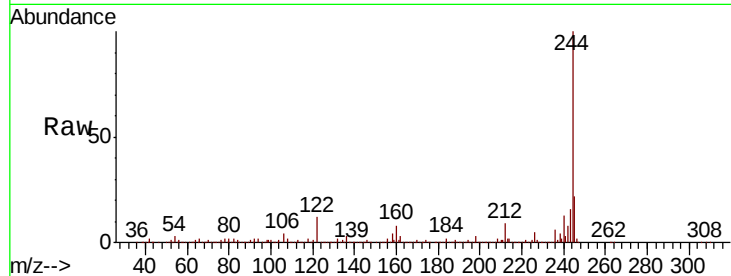
#79  
 Terphenyl-d14  
 Concen: 110.954 ng  
 RT: 13.07 min Scan# 1868  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:244 Resp: 4697404  
 Ion Ratio Lower Upper  
 244 100  
 212 8.5 6.4 9.6  
 122 11.9 10.0 15.0

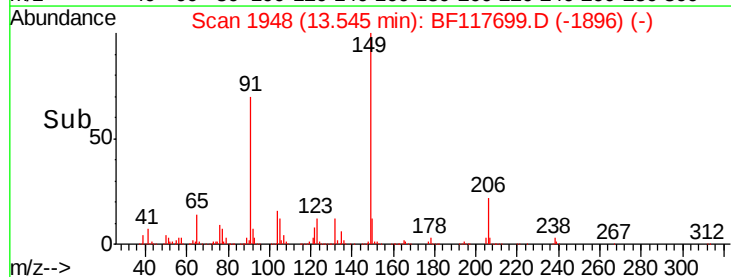
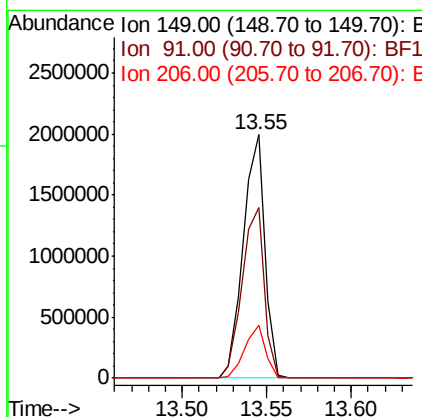
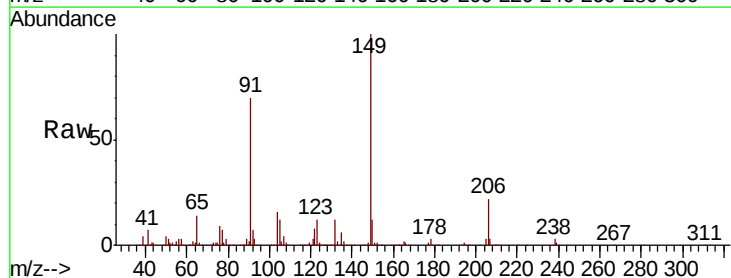
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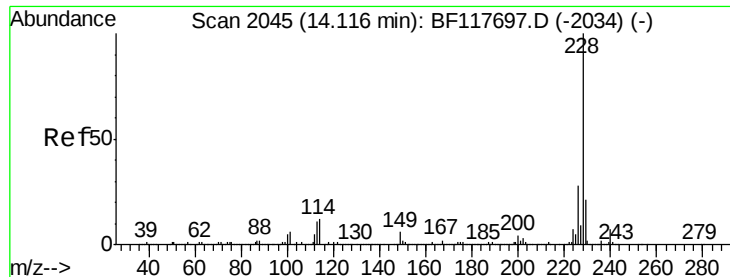
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#80  
 Butylbenzylphthalate  
 Concen: 63.687 ng  
 RT: 13.55 min Scan# 1948  
 Delta R.T. 0.01 min  
 Lab File: BF117699.D  
 Acq: 6 Nov 2019 14:20

Tgt Ion:149 Resp: 1788751  
 Ion Ratio Lower Upper  
 149 100  
 91 70.3 59.1 88.7  
 206 21.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 60.784 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:228 Resp: 3149408

Ion Ratio Lower Upper

228 100

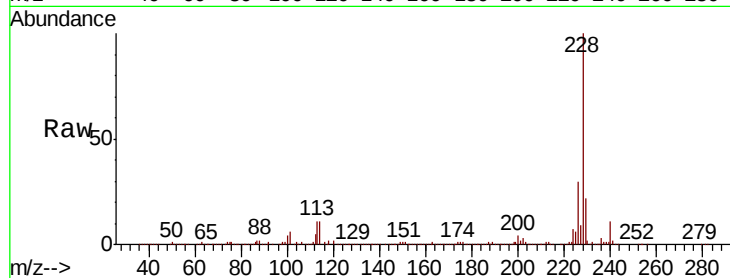
226 29.7 22.8 34.2

229 21.6 16.9 25.3

Manual Integrations  
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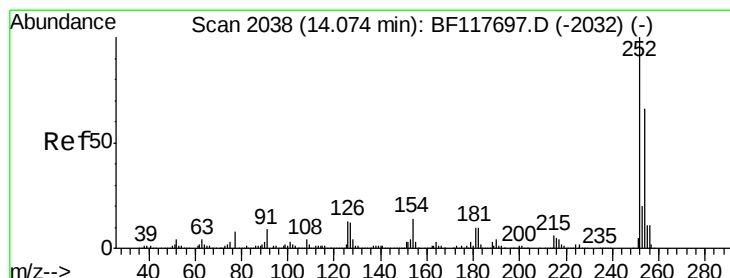
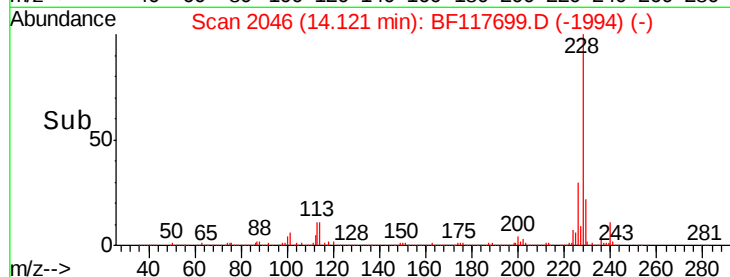
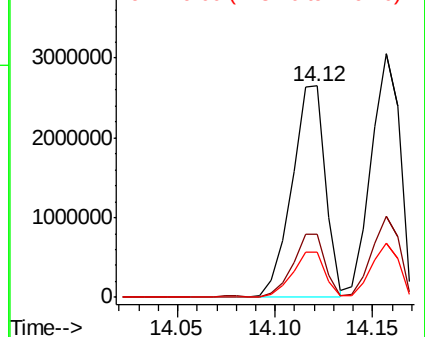


Abundance

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: 63.597 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

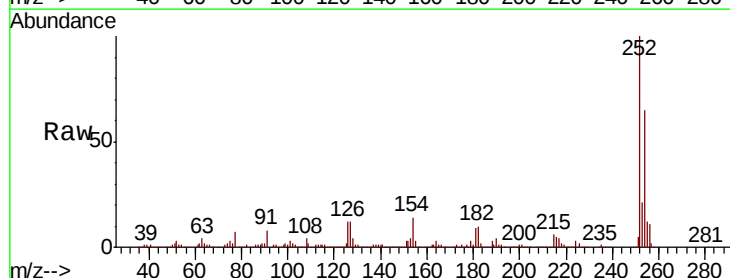
Tgt Ion:252 Resp: 1188034

Ion Ratio Lower Upper

252 100

254 65.4 53.1 79.7

126 12.2 10.3 15.5

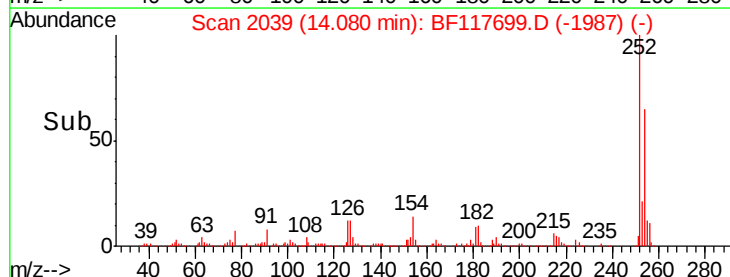
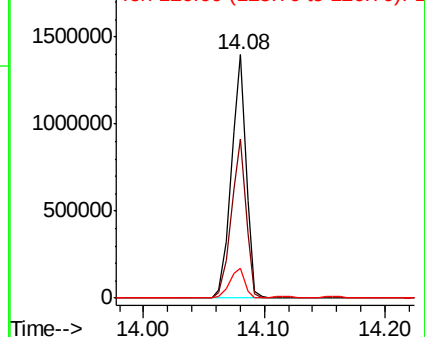


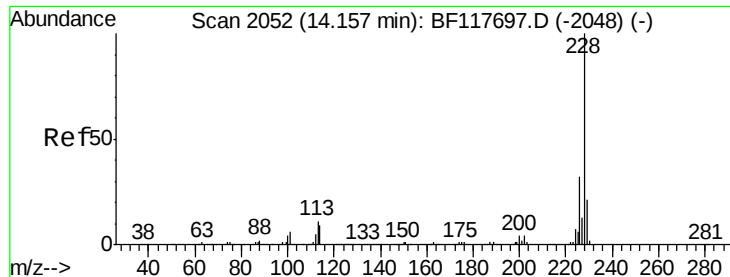
Abundance

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





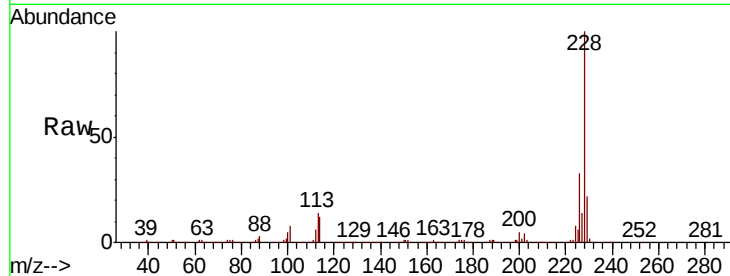
#83  
Chrysene  
Concen: 61.078 ng  
RT: 14.16 min Scan# 2052  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

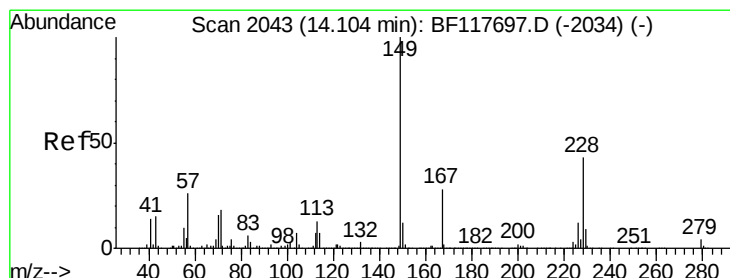
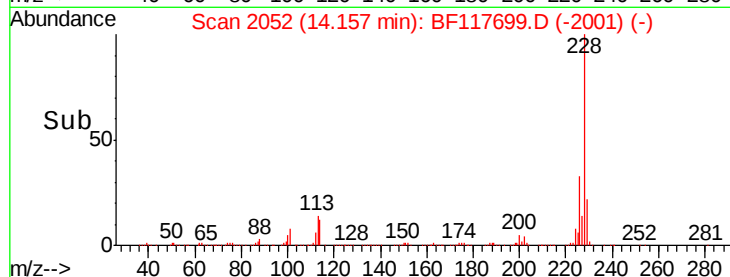
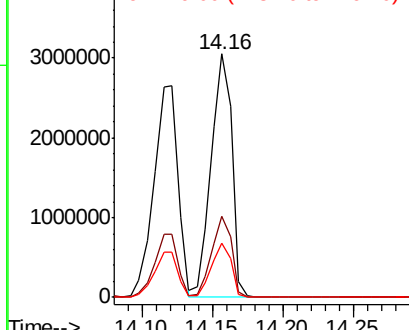
Tot Ion:228 Resp: 3113308  
Ion Ratio Lower Upper  
228 100  
226 33.4 25.4 38.2  
229 22.2 16.6 24.8

Manual Integrations  
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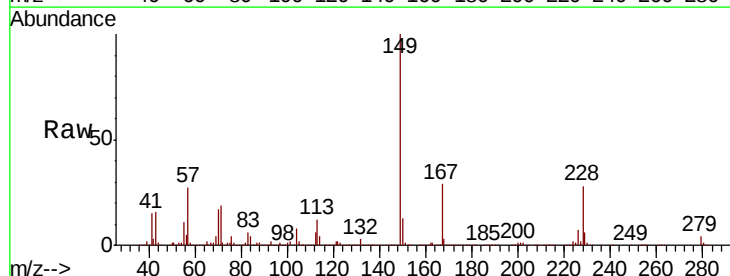


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

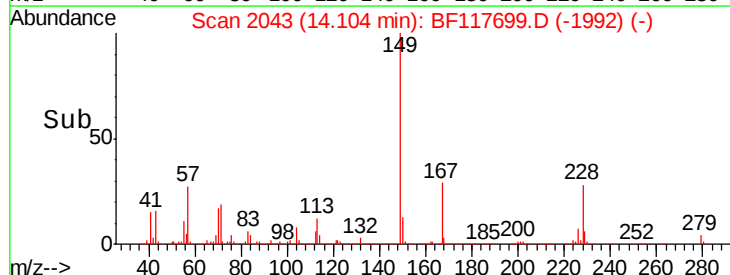
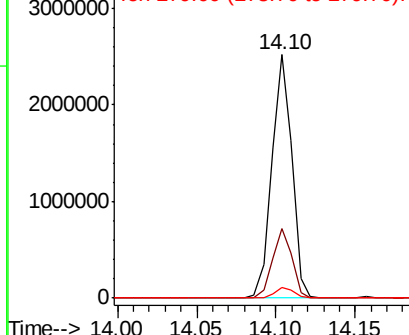


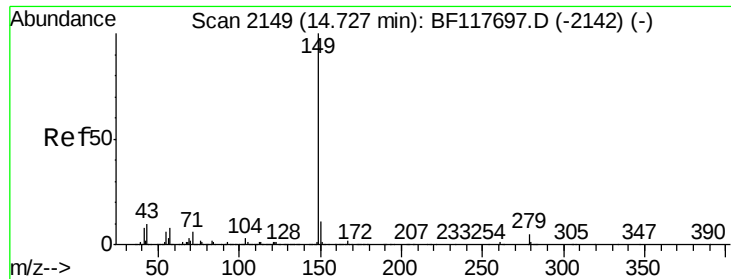
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 62.154 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Tgt Ion:149 Resp: 2234236  
Ion Ratio Lower Upper  
149 100  
167 28.6 22.2 33.2  
279 4.3 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 63.131 ng

RT: 14.73 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 3520105

Ion Ratio Lower Upper

149 100

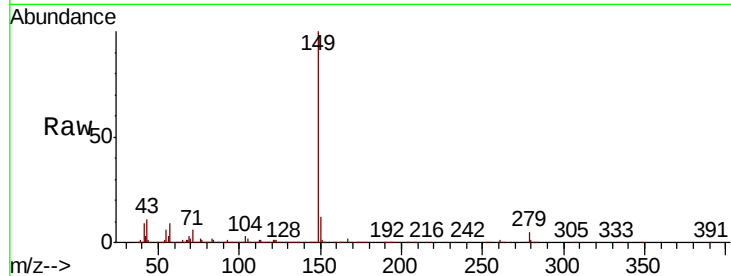
167 1.7 1.3 1.9

43 10.7 8.4 12.6

Manual Integrations  
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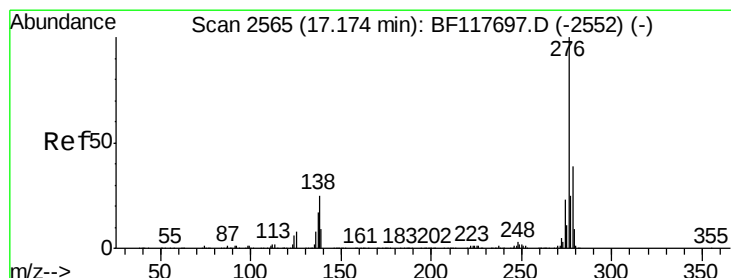
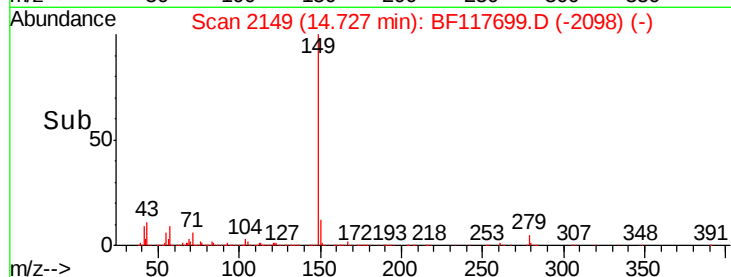
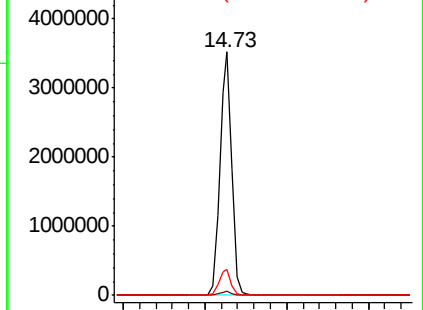
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.495 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117699.D

Acq: 6 Nov 2019 14:20

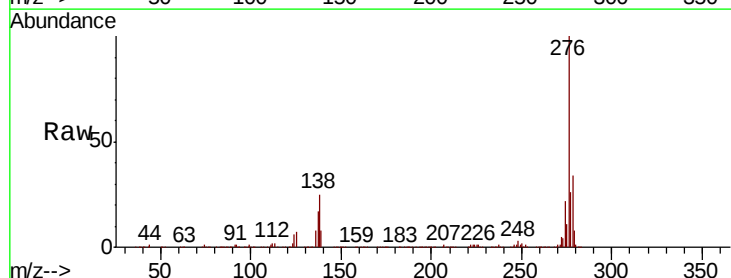
Tgt Ion:276 Resp: 3035388

Ion Ratio Lower Upper

276 100

138 28.2 22.4 33.6

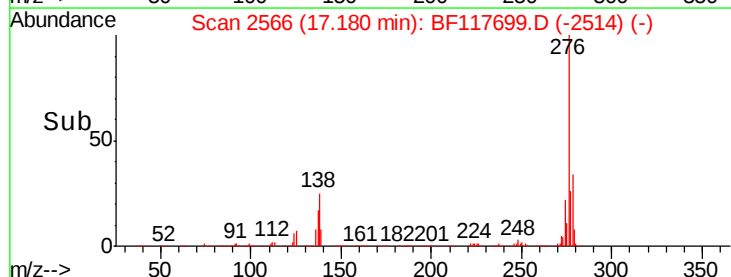
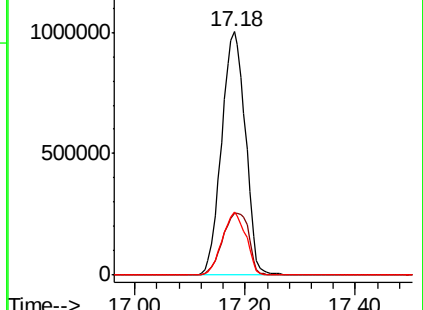
277 25.8 20.6 30.8

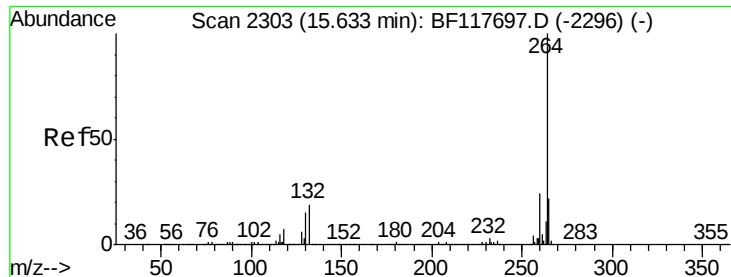


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





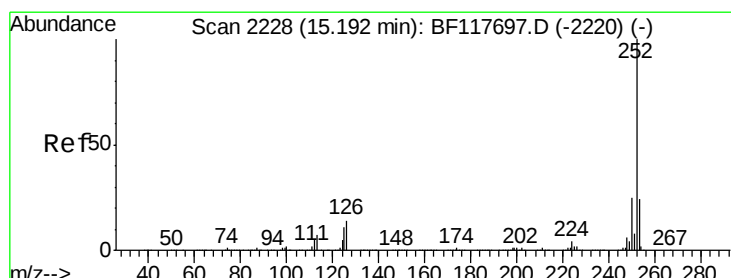
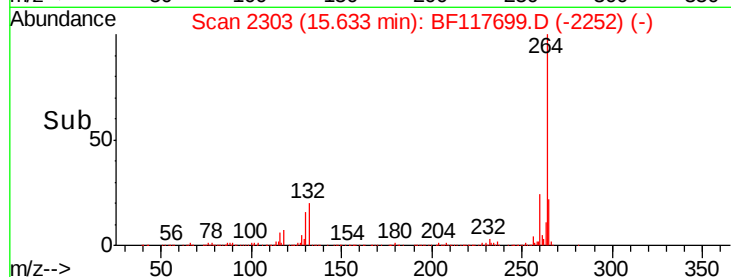
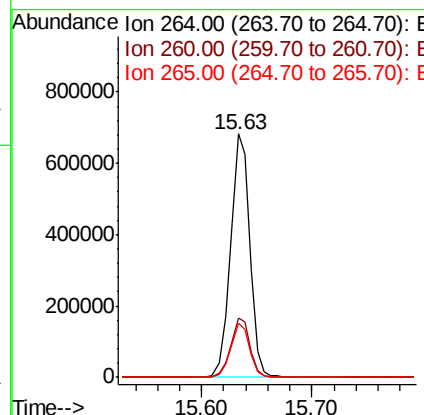
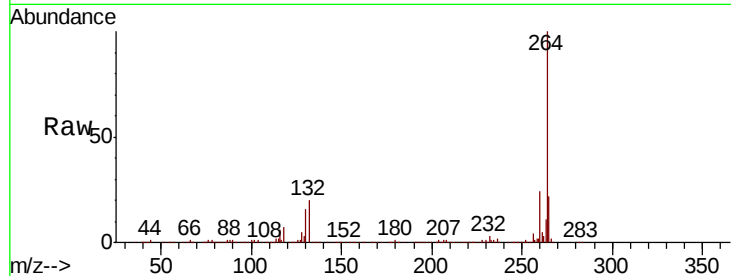
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.63 min Scan# 2303  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 18.8  | 28.2  |
| 265     | 22.3  | 17.7  | 26.5  |

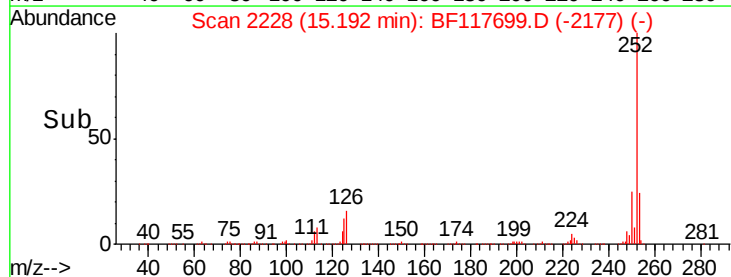
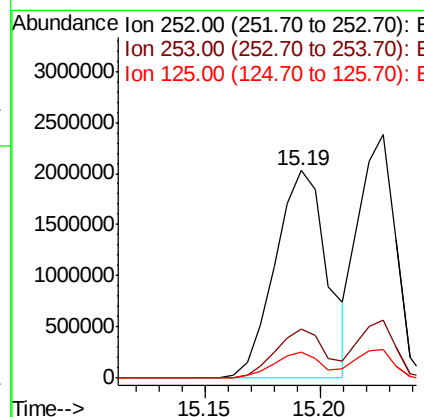
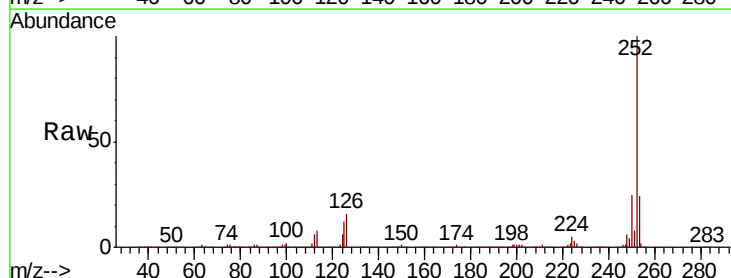
Manual Integrations  
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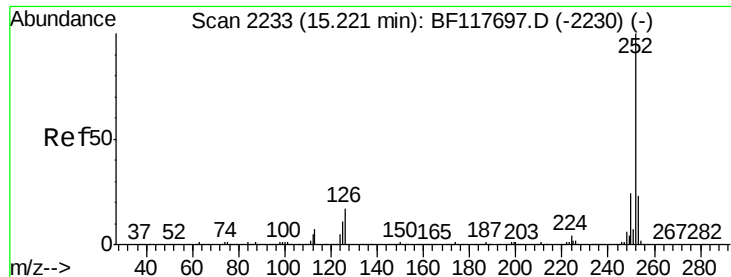
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#88  
Benzo(b)fluoranthene  
Concen: 63.942 ng  
RT: 15.19 min Scan# 2228  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 18.9  | 28.3  |
| 125     | 12.3  | 8.5   | 12.7  |





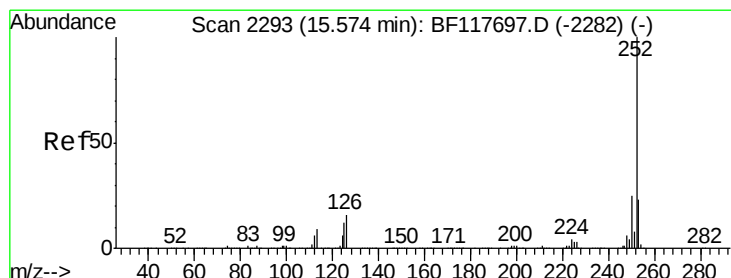
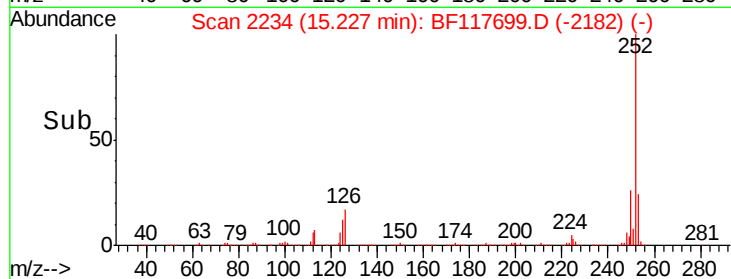
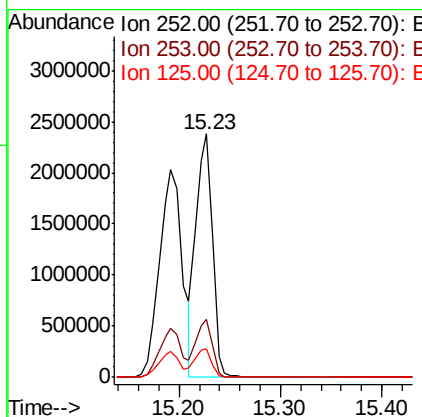
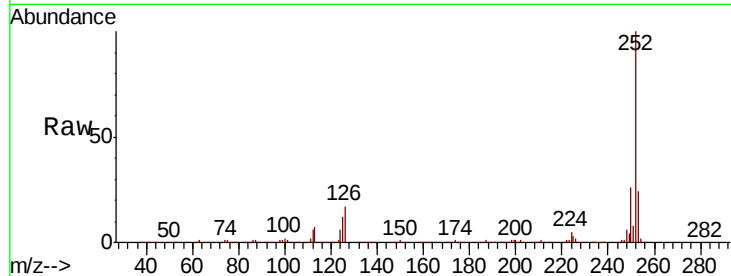
#89  
Benzo(k)fluoranthene  
Concen: 58.137 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.1  | 17.9  | 26.9  |
| 125     | 11.9  | 9.1   | 13.7  |

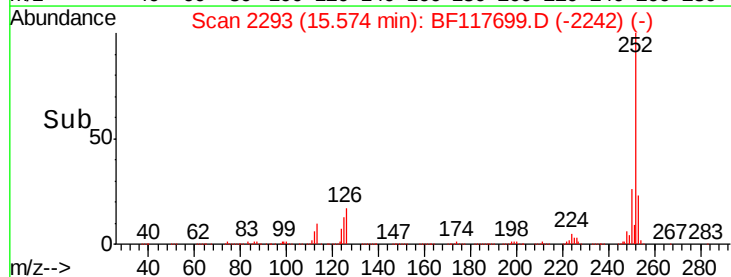
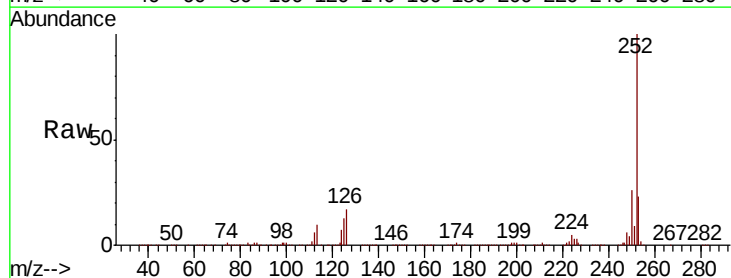
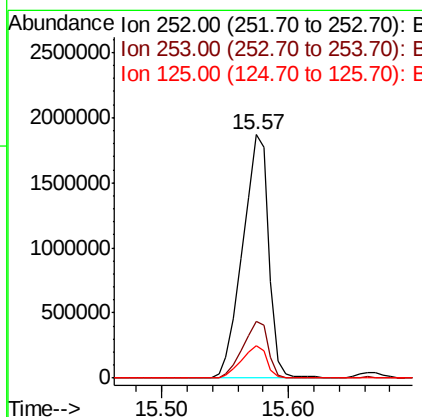
Manual Integrations  
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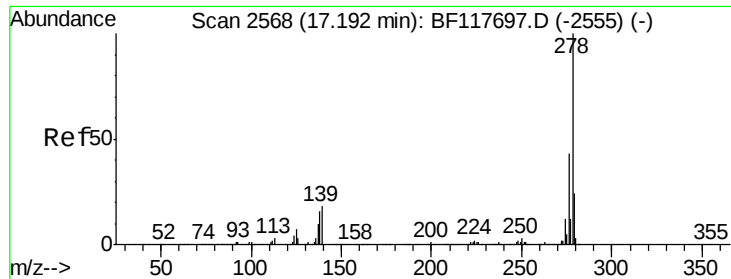
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#90  
Benzo(a)pyrene  
Concen: 61.260 ng  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.5  | 18.0  | 27.0  |
| 125     | 13.4  | 9.5   | 14.3  |





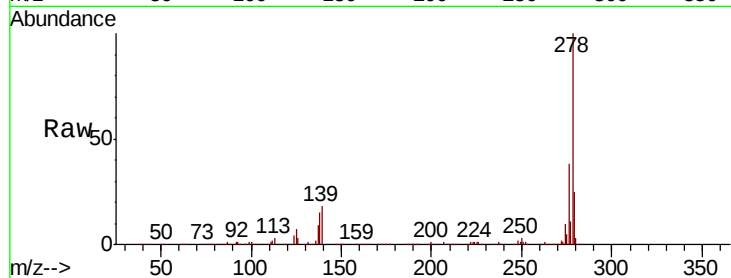
#91  
Dibenzo(a,h)anthracene  
Concen: 63.823 ng  
RT: 17.20 min Scan# 2570  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.1  | 14.3  | 21.5  |
| 279     | 25.2  | 19.0  | 28.6  |

Manual Integrations  
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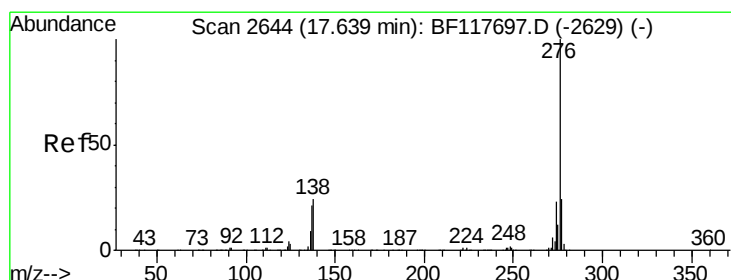
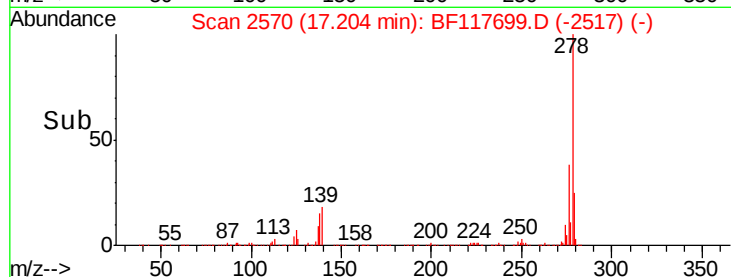
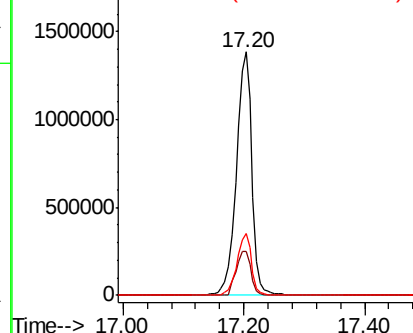


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 64.250 ng  
RT: 17.65 min Scan# 2646  
Delta R.T. 0.01 min  
Lab File: BF117699.D  
Acq: 6 Nov 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.5  | 19.4  | 29.0  |
| 138     | 24.1  | 19.2  | 28.8  |

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

