

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\  
 Data File : BF119697.D  
 Acq On : 2 Apr 2020 5:19  
 Operator : MA/SJ  
 Sample : L2089-04MSD  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

Manual Integrations  
 APPROVED

mohammad  
 4/3/2020 11:14:48 PM

Quant Time: Apr 02 05:58:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 01 11:59:45 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.81  | 152  | 235660   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 941703   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.86  | 164  | 490322   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.35 | 188  | 938227   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 667064   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.44 | 264  | 715818   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 1858111 | 125.52 | ng | 0.02 |
| 7) Phenol-d6             | 6.45  | 99  | 2464182 | 130.31 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 1533175 | 88.48  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 716441  | 141.63 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.18  | 172 | 2780808 | 84.02  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.93 | 244 | 2919142 | 85.74  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.62 | 88  | 286644  | 39.205 | ng | 97     |
| 3) Pyridine                    | 3.34 | 79  | 800457  | 39.740 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 416185  | 42.370 | ng | 92     |
| 6) Aniline                     | 6.47 | 93  | 696737  | 26.695 | ng | 97     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 848330  | 54.562 | ng | 99     |
| 9) Benzaldehyde                | 6.36 | 77  | 455240  | 37.948 | ng | 97     |
| 10) Phenol                     | 6.46 | 94  | 1061521 | 52.608 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 808772  | 50.115 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.76 | 146 | 830257  | 49.339 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 836241  | 49.682 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.99 | 146 | 778790  | 49.501 | ng | 99     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 699919  | 49.204 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 1446835 | 44.447 | ng | 98     |
| 17) 2-Methylphenol             | 7.07 | 107 | 685683  | 48.133 | ng | 98     |
| 18) Hexachloroethane           | 7.33 | 117 | 317336  | 51.446 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 576233  | 50.554 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 814854  | 46.674 | ng | # 85   |
| 22) Acetophenone               | 7.23 | 105 | 1066075 | 47.378 | ng | # 91   |
| 24) Nitrobenzene               | 7.40 | 77  | 869652  | 46.964 | ng | 99     |
| 25) Isophorone                 | 7.64 | 82  | 1642633 | 46.733 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 456052  | 62.549 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 751813  | 49.868 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 1040452 | 50.059 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 701886  | 50.669 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.04 | 180 | 739162  | 48.250 | ng | 98     |
| 31) Naphthalene                | 8.12 | 128 | 2333343 | 48.149 | ng | 100    |
| 32) Benzoic acid               | 7.88 | 122 | 554107  | 57.137 | ng | 92     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 210080  | 9.461  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.24 | 225 | 417234  | 48.678 | ng | 99     |
| 35) Caprolactam                | 8.55 | 113 | 224849m | 49.596 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 761018  | 50.265 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 1587343 | 49.909 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.92 | 142 | 1531390 | 50.871 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 680956  | 47.382 | ng | 99     |

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 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

Manual Integrations  
 APPROVED

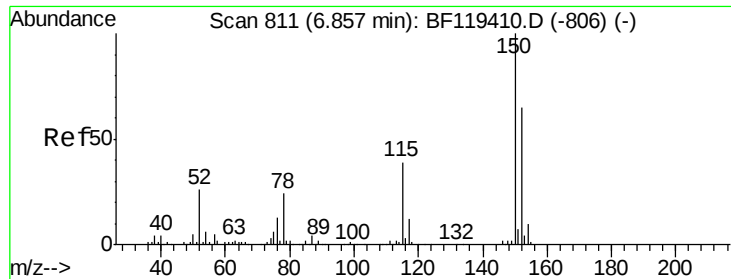
mohammad  
 4/3/2020 11:14:48 PM

Quant Time: Apr 02 05:58:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 01 11:59:45 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 797826   | 97.647  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 526604   | 51.202  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 529691   | 45.975  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 9.28  | 154  | 1904979  | 47.703  | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 1455443  | 46.528  | nq    | 99       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 533440   | 49.406  | nq    | 97       |
| 49) Acenaphthylene             | 9.72  | 152  | 2356773  | 47.977  | nq    | 98       |
| 50) Dimethylphthalate          | 9.59  | 163  | 2106328  | 60.478  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.65  | 165  | 395864   | 53.028  | nq    | 96       |
| 52) Acenaphthene               | 9.89  | 154  | 1455013  | 47.513  | nq    | 98       |
| 53) 3-Nitroaniline             | 9.81  | 138  | 191387   | 20.307  | nq    | 89       |
| 54) 2,4-Dinitrophenol          | 9.92  | 184  | 383339   | 115.158 | nq    | 90       |
| 55) Dibenzofuran               | 10.07 | 168  | 2090136  | 47.604  | nq    | 100      |
| 56) 4-Nitrophenol              | 9.98  | 139  | 682001   | 91.731  | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 528650   | 56.215  | nq    | 92       |
| 58) Fluorene                   | 10.41 | 166  | 1599769  | 49.272  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 458305   | 53.217  | nq    | 98       |
| 60) Diethylphthalate           | 10.29 | 149  | 1781224  | 50.391  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204  | 768987   | 48.432  | nq    | 97       |
| 62) 4-Nitroaniline             | 10.43 | 138  | 424799   | 47.004  | nq    | 95       |
| 63) Azobenzene                 | 10.56 | 77   | 1702214  | 47.820  | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 270610   | 68.783  | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 10.52 | 169  | 1492409  | 48.454  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.89 | 248  | 518234   | 48.500  | nq    | 94       |
| 68) Hexachlorobenzene          | 10.96 | 284  | 546229   | 49.947  | nq    | 95       |
| 69) Atrazine                   | 11.05 | 200  | 452956   | 53.643  | nq    | 99       |
| 70) Pentachlorophenol          | 11.15 | 266  | 599649   | 93.514  | nq    | 98       |
| 71) Phenanthrene               | 11.37 | 178  | 2280917  | 46.885  | nq    | 100      |
| 72) Anthracene                 | 11.42 | 178  | 2362742  | 47.786  | nq    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 2213628  | 45.231  | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.91 | 149  | 2753237  | 52.590  | nq    | 99       |
| 75) Fluoranthene               | 12.56 | 202  | 2513095  | 47.732  | nq    | 98       |
| 77) Benzidine                  | 12.68 | 184  | 1030617  | 36.507  | nq    | 98       |
| 78) Pyrene                     | 12.79 | 202  | 2509822  | 45.845  | nq    | 100      |
| 80) Butylbenzylphthalate       | 13.41 | 149  | 1186440  | 53.583  | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.98 | 228  | 2002254  | 46.158  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 293929   | 17.185  | nq    | 98       |
| 83) Chrysene                   | 14.02 | 228  | 2117255  | 47.294  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 1539286  | 58.317  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.58 | 149  | 2820686  | 60.763  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 2239223  | 53.109  | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.02 | 252  | 2224188  | 46.515  | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 2108894  | 46.318  | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.39 | 252  | 2018862  | 46.459  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.92 | 278  | 1850343  | 48.682  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.34 | 276  | 1789638  | 46.868  | nq    | 96       |

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





#1

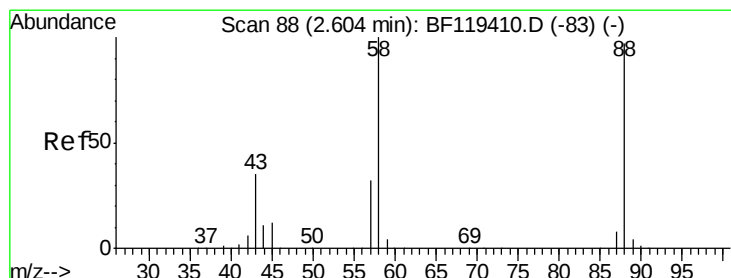
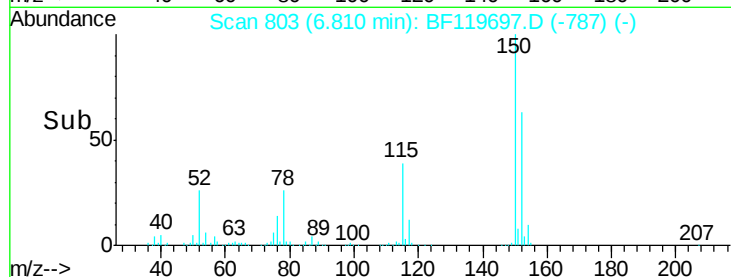
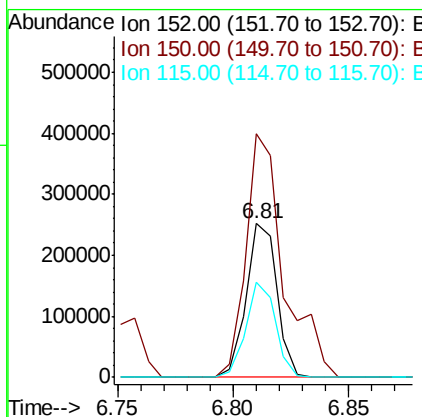
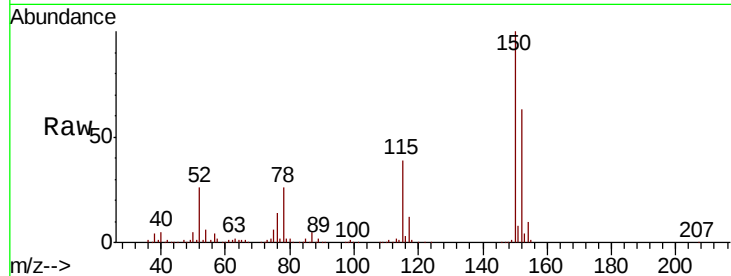
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.81 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.6 | 124.5 | 186.7 |
| 115     | 62.1  | 49.6  | 74.4  |

Manual Integrations  
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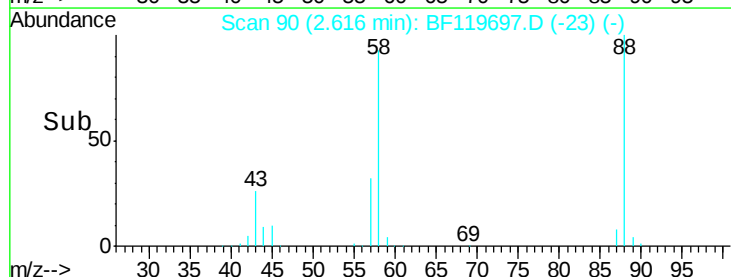
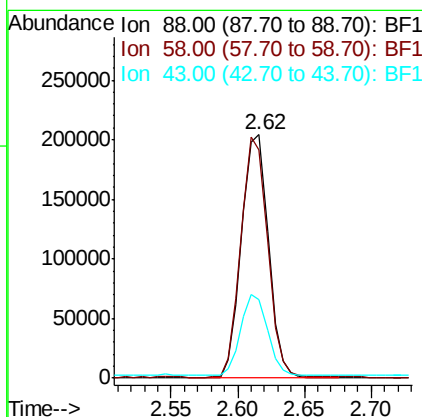
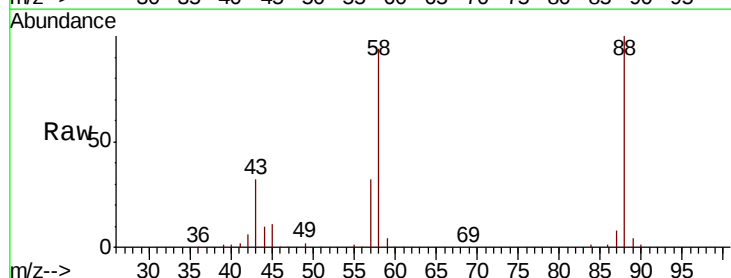
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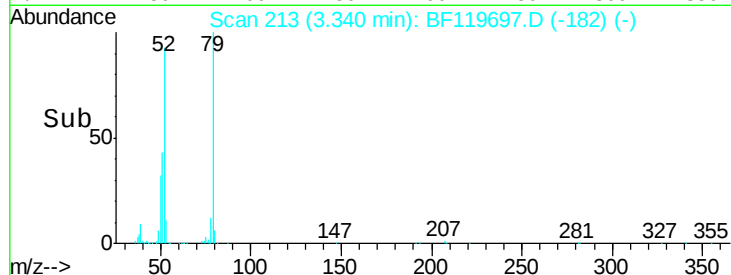
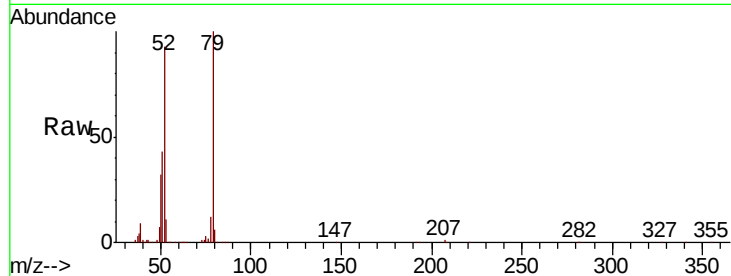
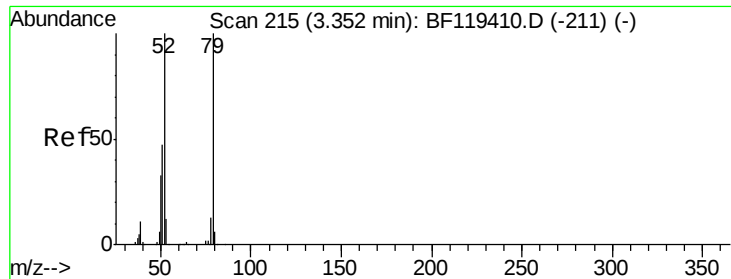


#2

1,4-Dioxane  
Concen: 39.205 ng  
RT: 2.62 min Scan# 90  
Delta R.T. 0.09 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 97.5  | 80.6  | 121.0 |
| 43      | 33.4  | 27.5  | 41.3  |





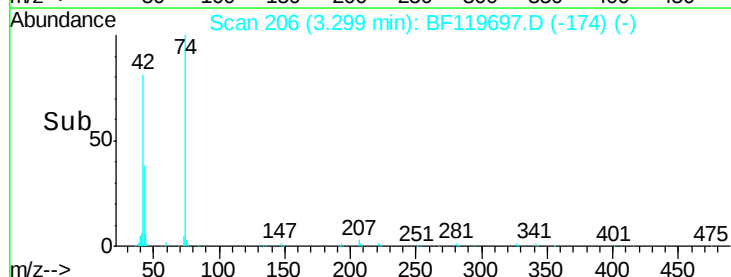
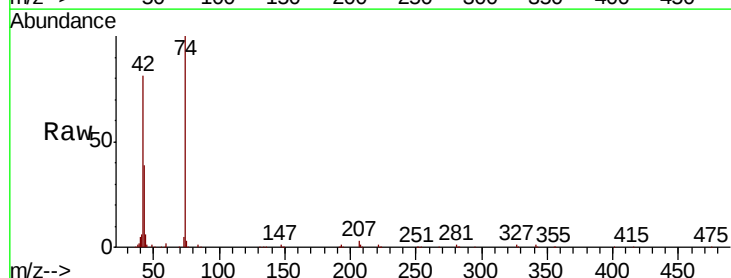
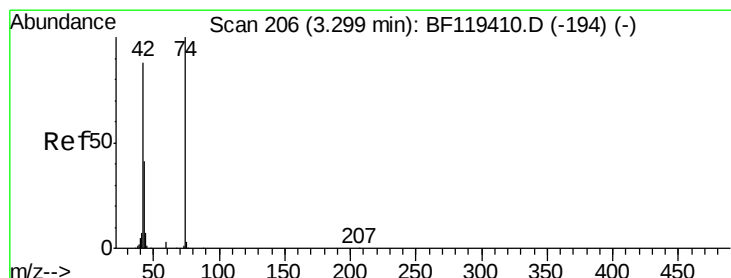
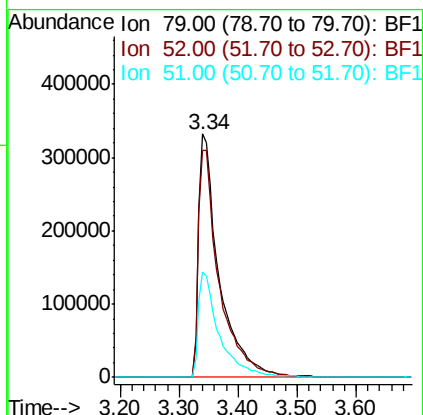
#3  
Pvridine  
Concen: 39.740 ng  
RT: 3.34 min Scan# 213  
Delta R.T. 0.08 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 93.1  | 80.2  | 120.2 |
| 51      | 43.2  | 37.7  | 56.5  |

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

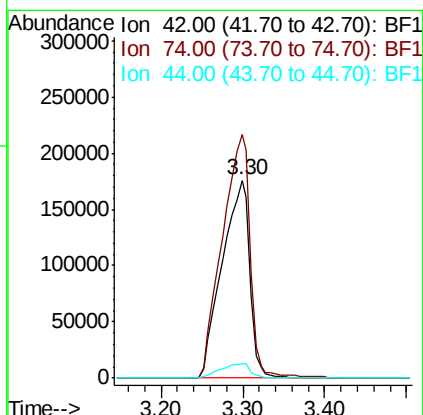
Manual Integrations  
APPROVED

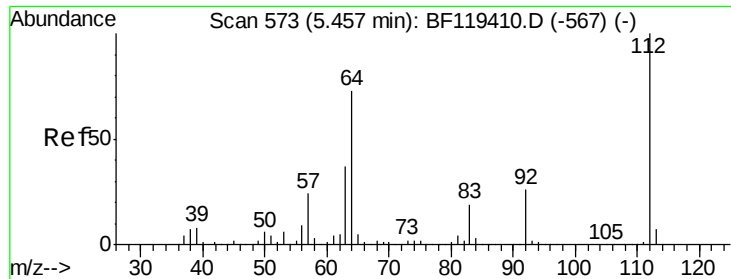
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4/3/2020 11:14:48 PM



#4  
n-Nitrosodimethylamine  
Concen: 42.370 ng  
RT: 3.30 min Scan# 206  
Delta R.T. 0.09 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 123.3 | 91.5  | 137.3 |
| 44      | 7.4   | 6.2   | 9.4   |





#5

2-Fluorophenol

Concen: 125.517 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

ClientSampleId :

SB-3J-(5-7)MSD

Tot Ion: 112 Resp: 1858111

Ion Ratio Lower Upper

112 100

64 70.8 56.7 85.1

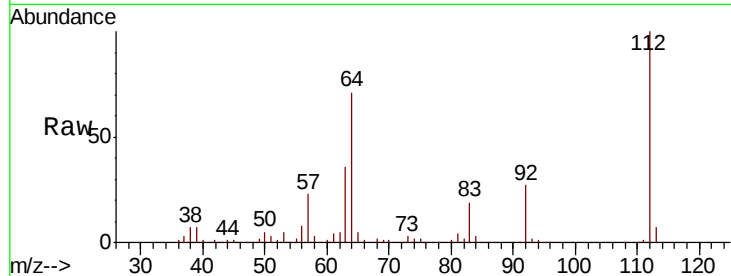
63 36.3 29.5 44.3

Manual Integrations

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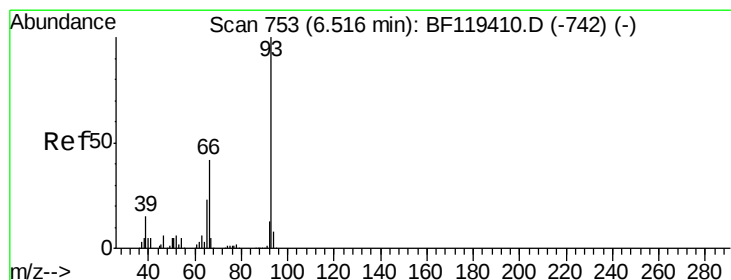
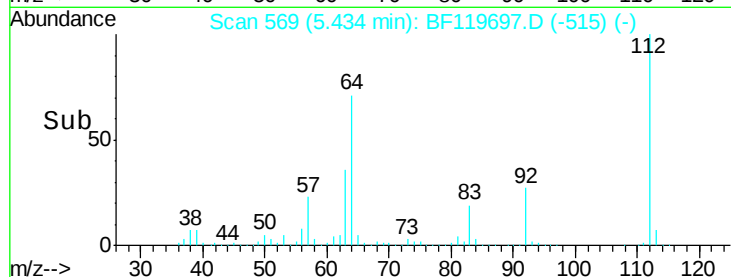
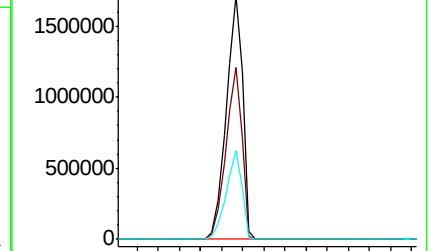
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.695 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

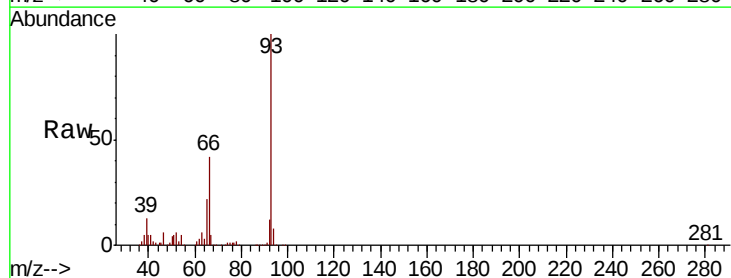
Tgt Ion: 93 Resp: 696737

Ion Ratio Lower Upper

93 100

66 41.7 34.9 52.3

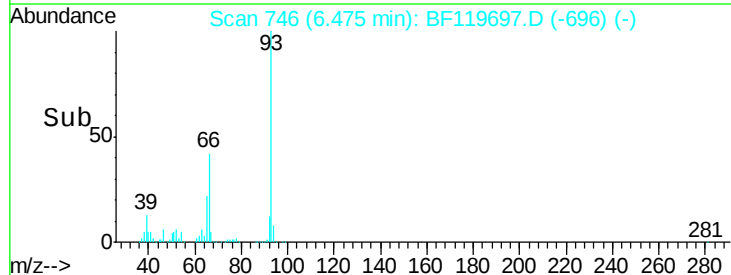
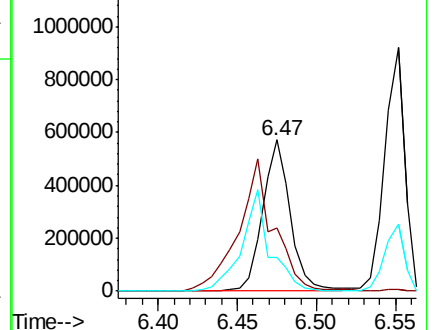
65 22.1 18.6 27.8

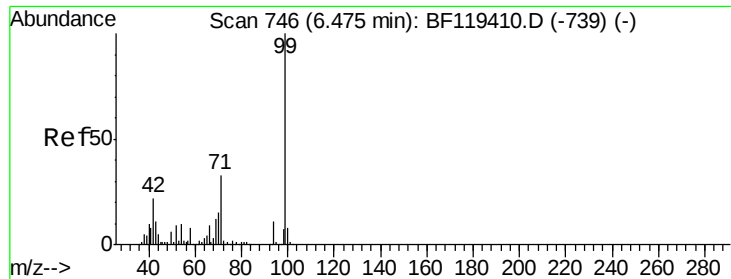


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.307 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

ClientSampleId :

SB-3J-(5-7)MSD

Tot Ion: 99 Resp: 2464182

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

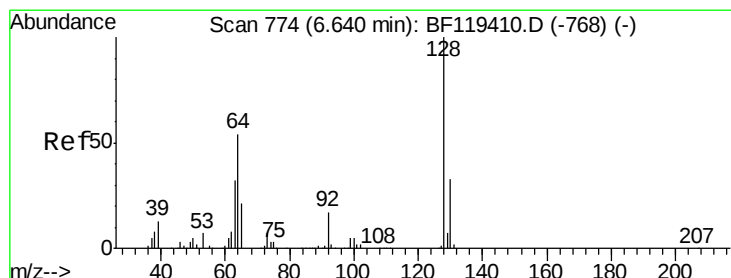
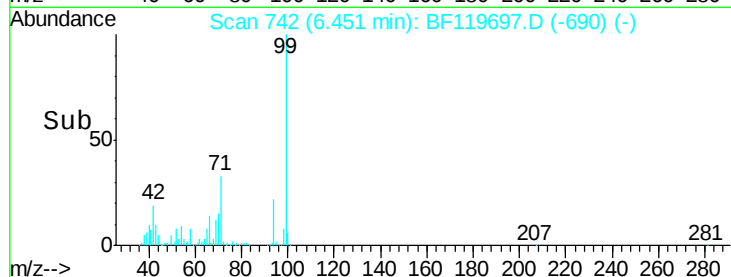
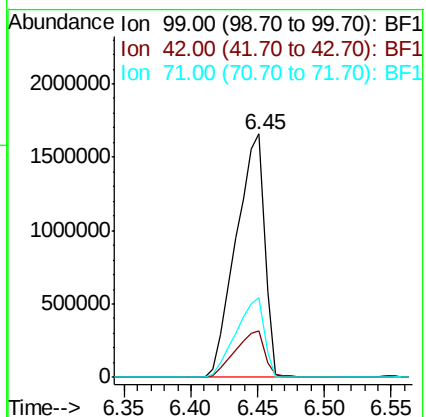
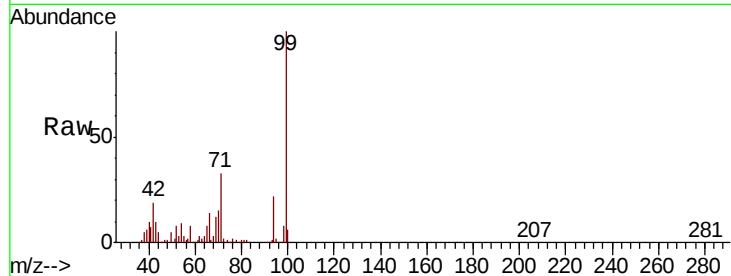
71 32.6 26.4 39.6

Manual Integrations

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4/3/2020 11:14:48 PM



#8

2-Chlorophenol

Concen: 54.562 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

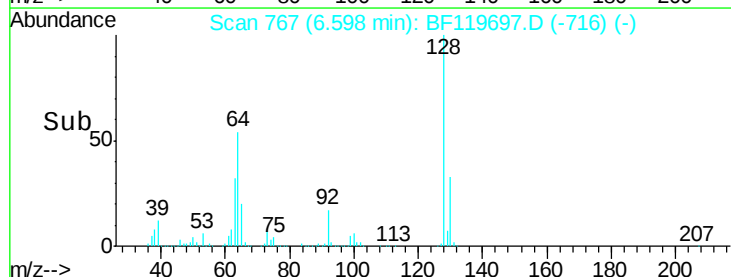
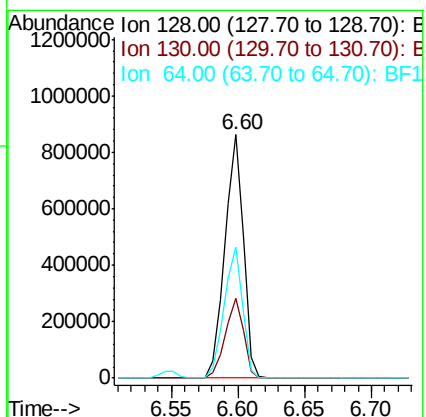
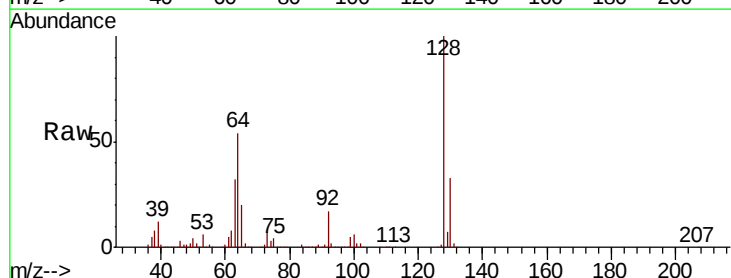
Tgt Ion: 128 Resp: 848330

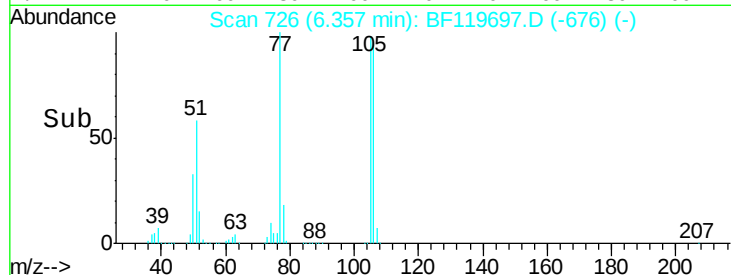
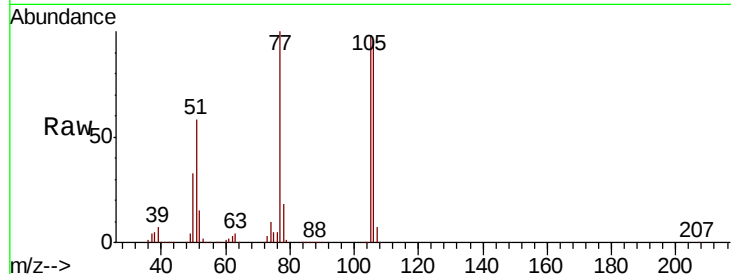
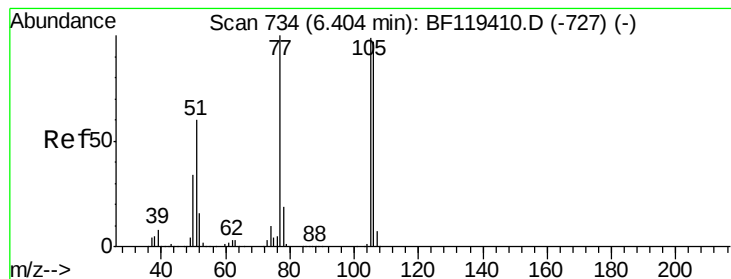
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

64 54.1 35.3 75.3





#9

Benzaldehyde

Concen: 37.948 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 455240 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 98.0  | 80.9  | 120.9  |
| 106      | 94.6  | 77.9  | 117.9  |

Instrument :

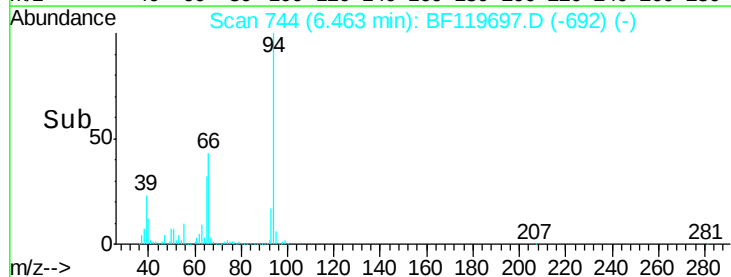
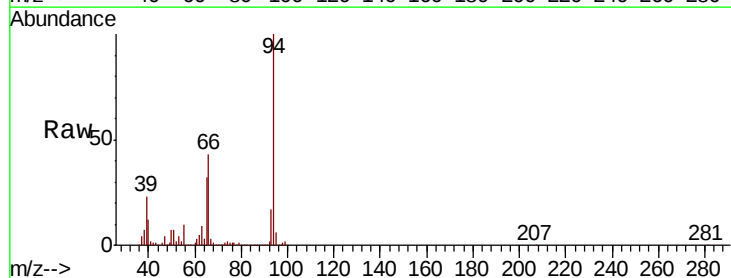
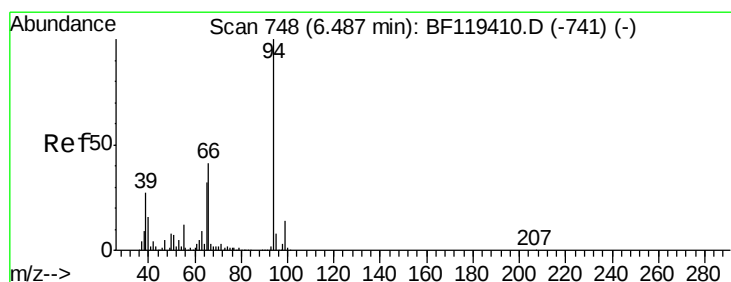
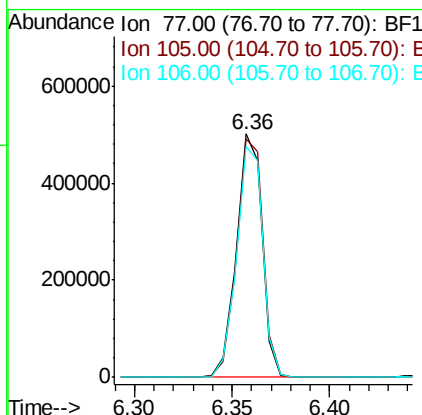
BNA\_F

ClientSampleId :

SB-3J-(5-7)MSD

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#10

Phenol

Concen: 52.608 ng

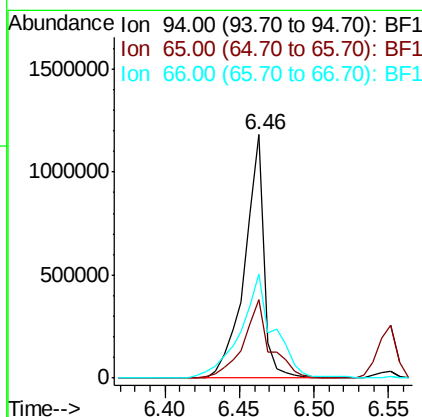
RT: 6.46 min Scan# 744

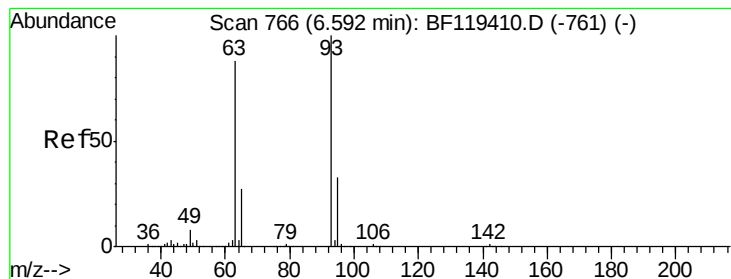
Delta R.T. 0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1061521 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 32.4  | 13.2  | 53.2    |
| 66       | 42.5  | 22.3  | 62.3    |





#11

bis(2-Chloroethyl)ether

Concen: 50.115 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

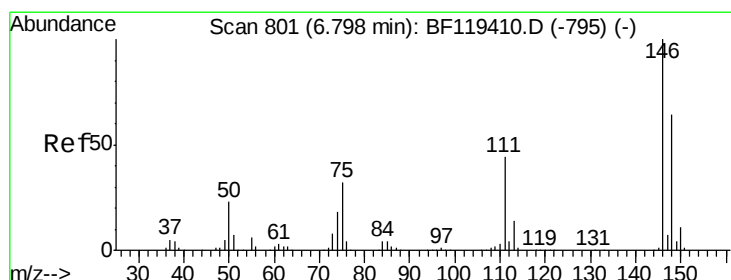
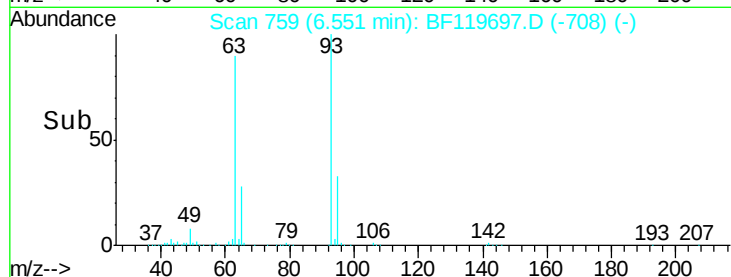
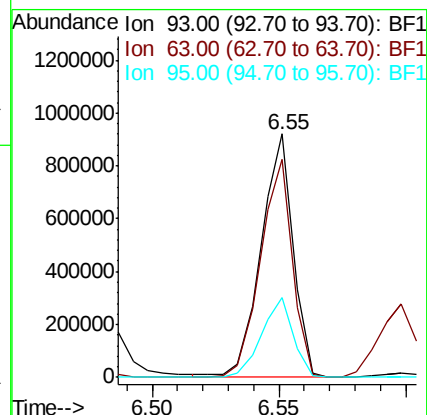
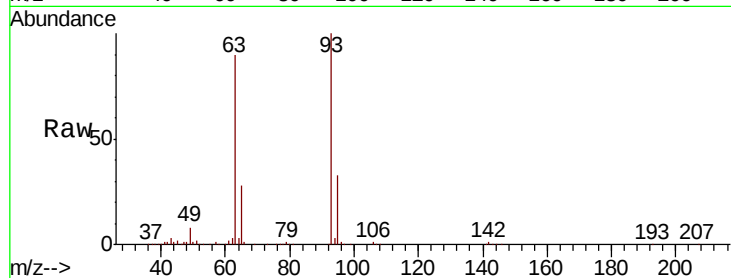
ClientSampleId :

SB-3J-(5-7)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 808772 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 89.7  | 70.2  | 110.2  |
| 95        | 32.9  | 13.4  | 53.4   |

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#12

1,3-Dichlorobenzene

Concen: 49.339 ng

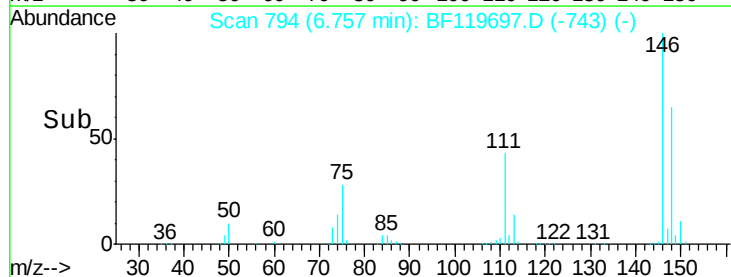
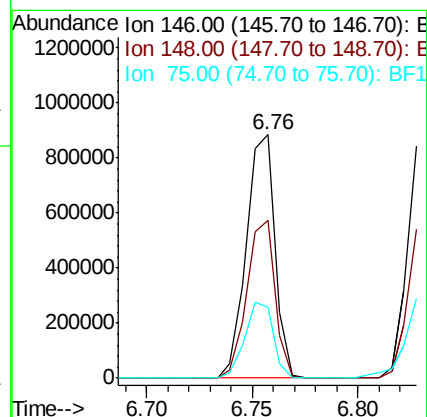
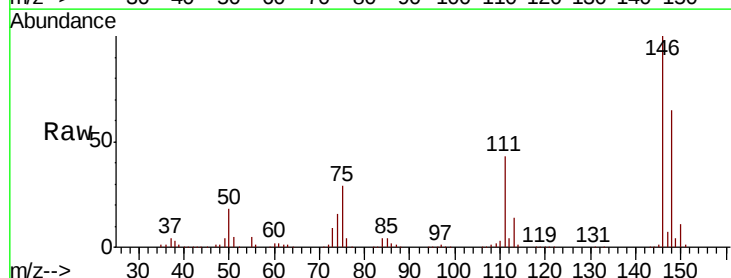
RT: 6.76 min Scan# 794

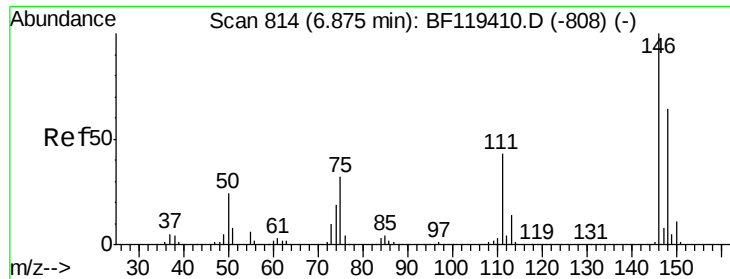
Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 830257 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.7  | 52.2  | 78.4   |
| 75        | 28.8  | 23.0  | 34.4   |





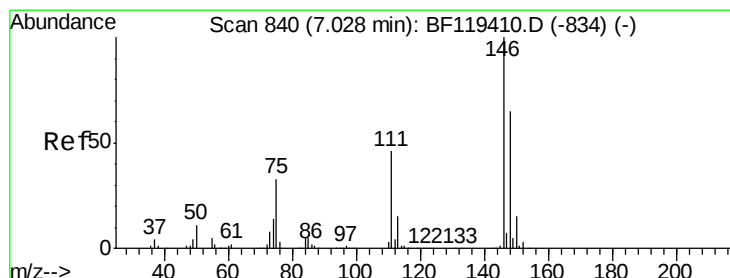
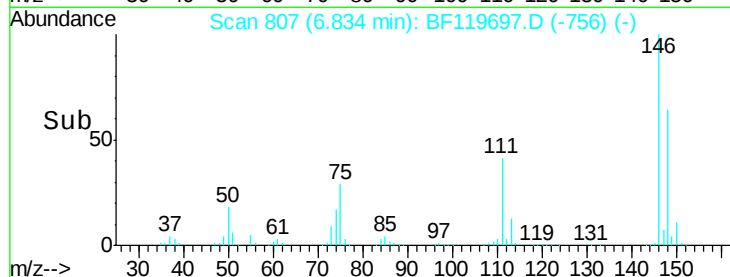
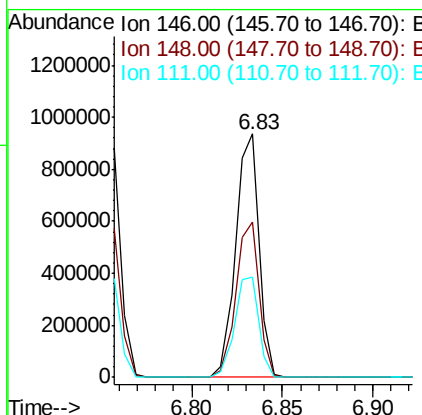
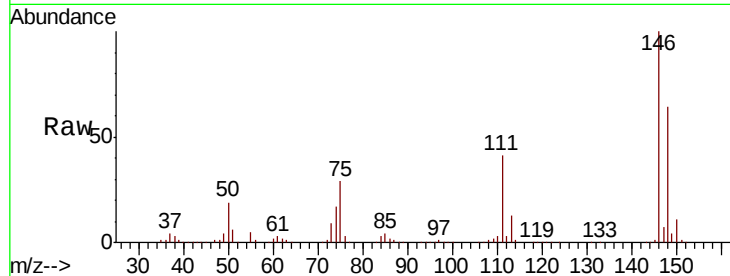
#13  
 1,4-Dichlorobenzene  
 Concen: 49.682 ng  
 RT: 6.83 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.5  | 77.3  |
| 111     | 41.4  | 33.3  | 49.9  |

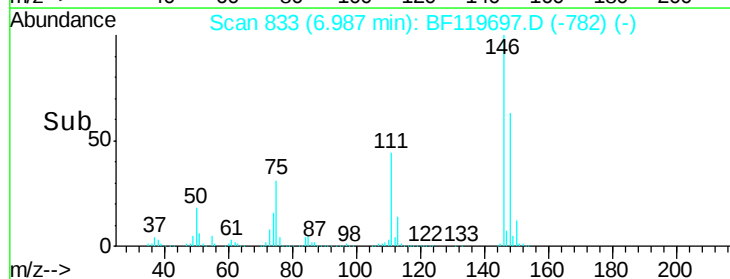
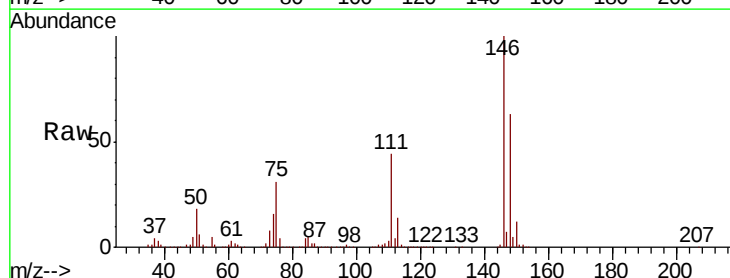
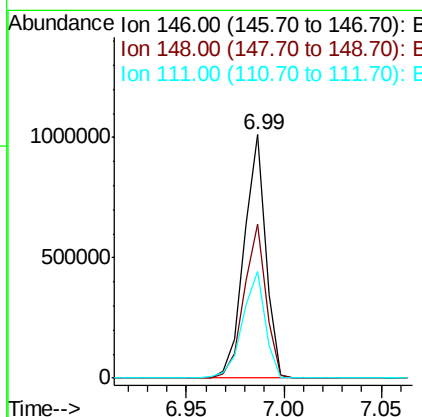
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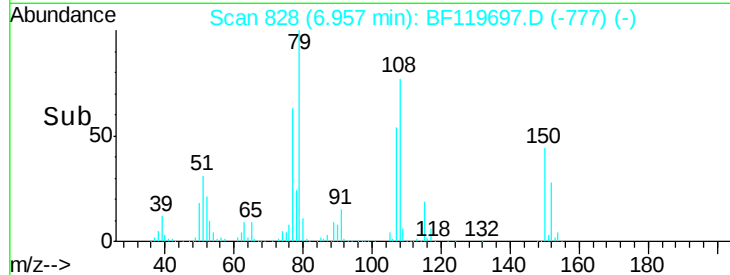
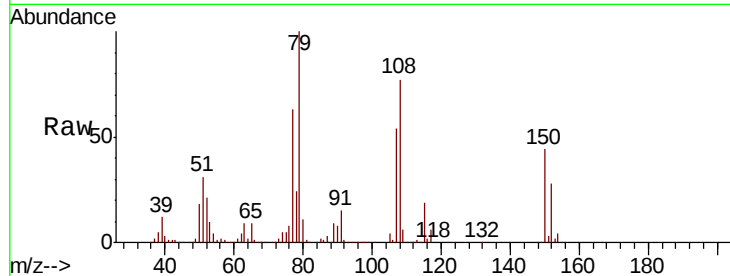
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#14  
 1,2-Dichlorobenzene  
 Concen: 49.501 ng  
 RT: 6.99 min Scan# 833  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.1  | 50.6  | 75.8  |
| 111     | 43.8  | 36.1  | 54.1  |





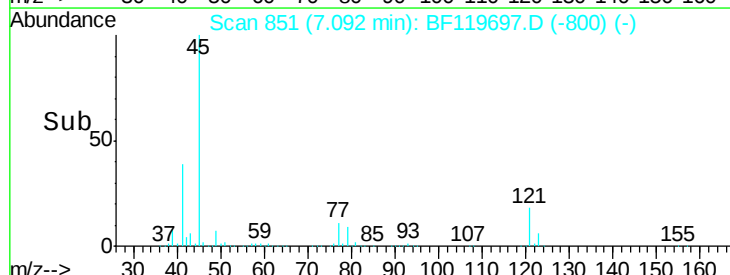
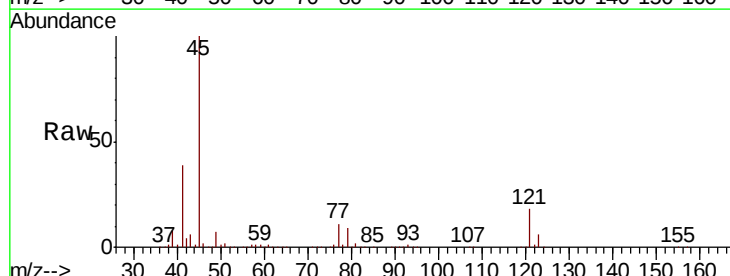
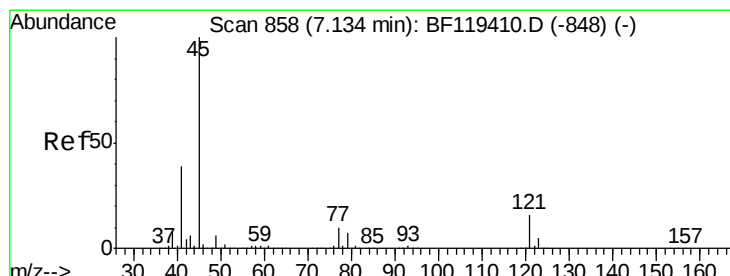
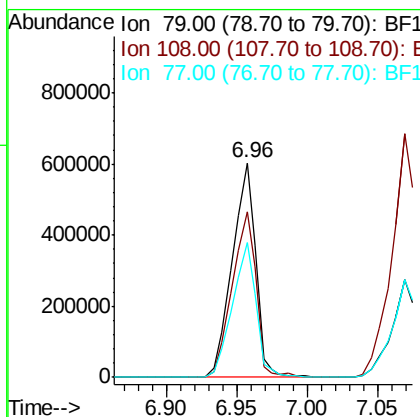
#15  
Benzyl Alcohol  
Concen: 49.204 ng  
RT: 6.96 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.3  | 60.6  | 90.8  |
| 77      | 63.0  | 50.2  | 75.2  |

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

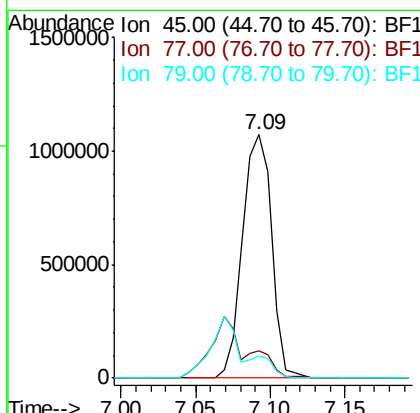
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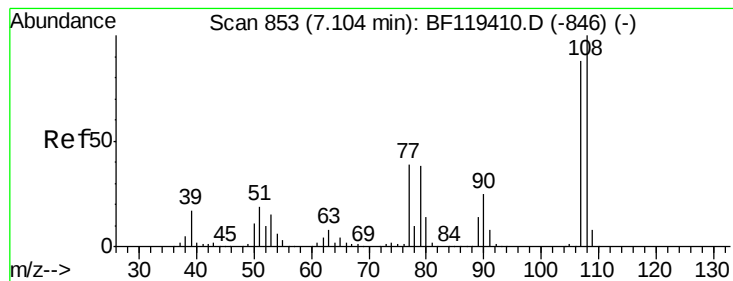
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 44.447 ng  
RT: 7.09 min Scan# 851  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.4  | 0.0   | 30.7  |
| 79      | 8.9   | 0.0   | 28.2  |





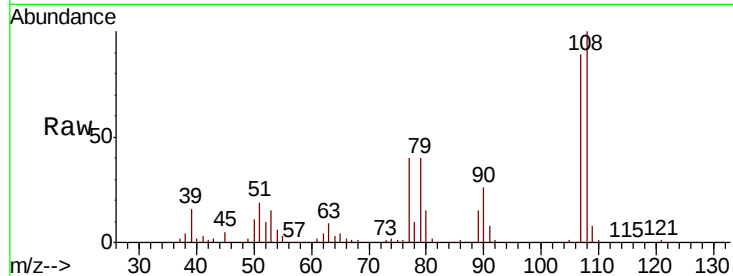
#17  
2-Methylphenol  
Concen: 48.133 ng  
RT: 7.07 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.5 | 92.2  | 138.4 |
| 77      | 45.0  | 36.6  | 54.8  |
| 79      | 45.1  | 36.2  | 54.4  |

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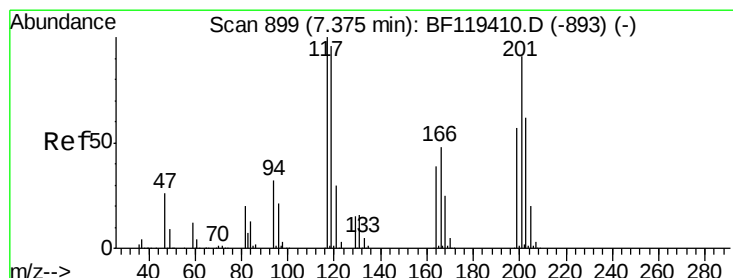
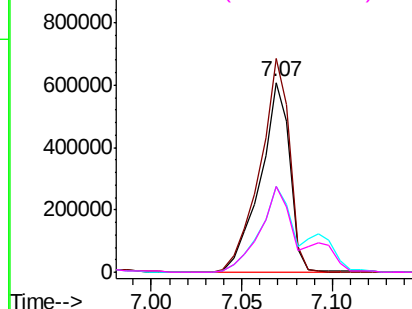
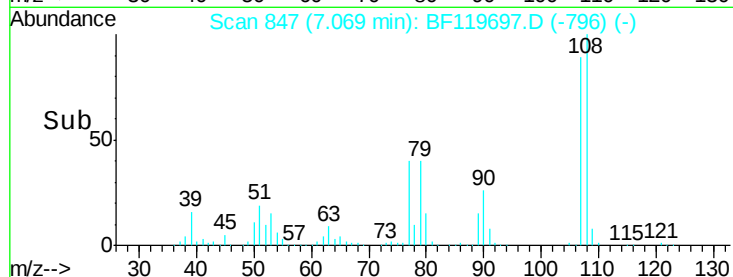
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

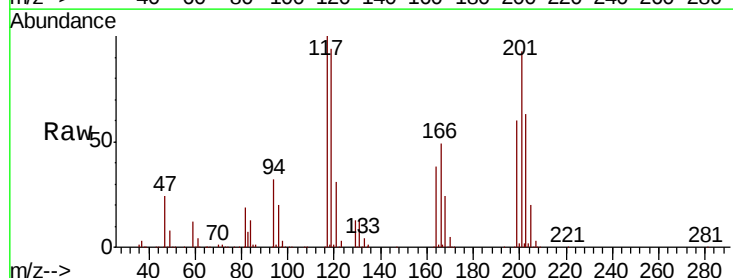
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 51.446 ng  
RT: 7.33 min Scan# 891  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.3  | 76.1  | 114.1 |
| 201     | 92.5  | 73.0  | 109.6 |

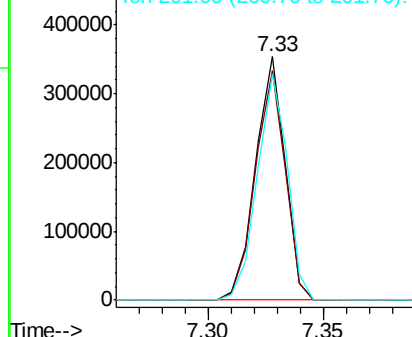
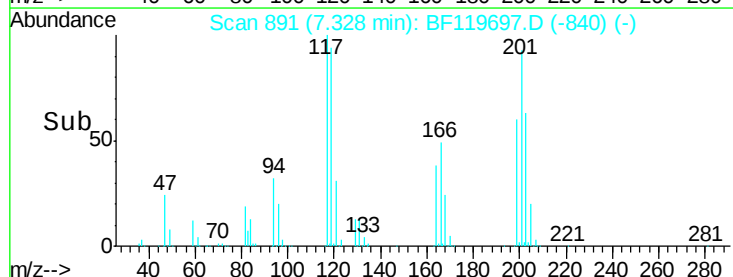


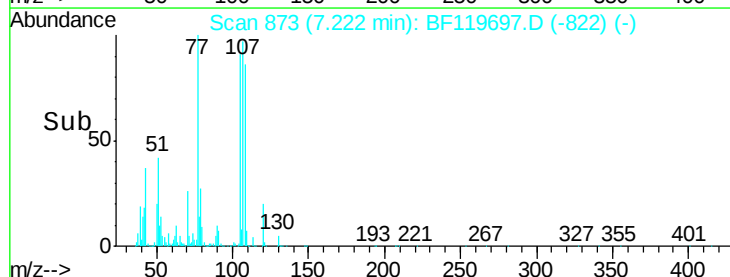
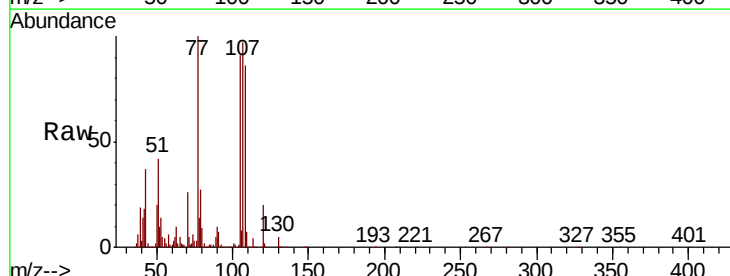
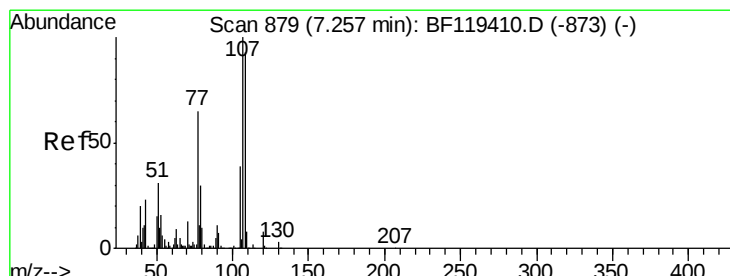
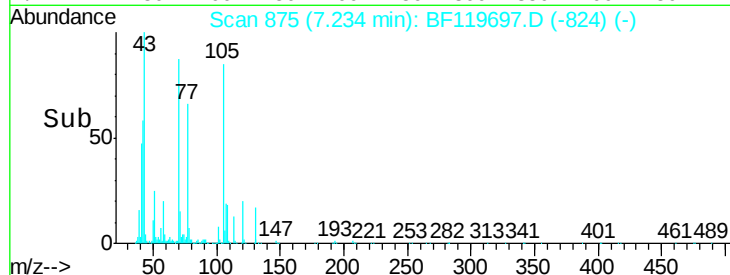
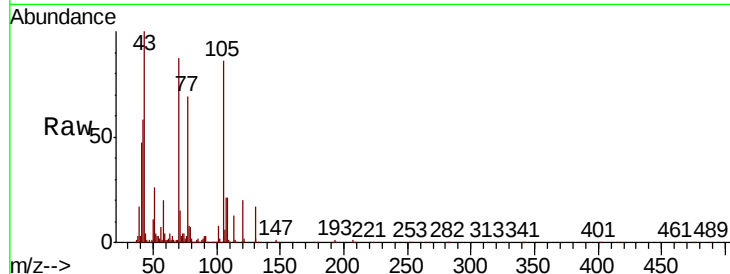
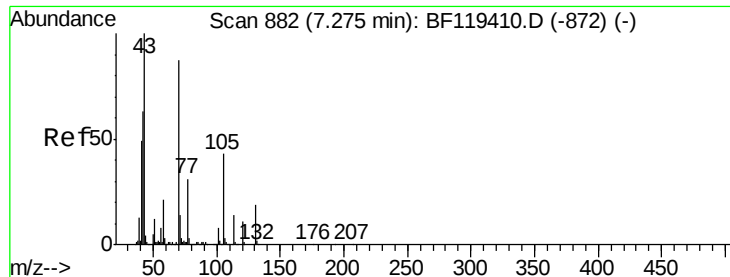
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

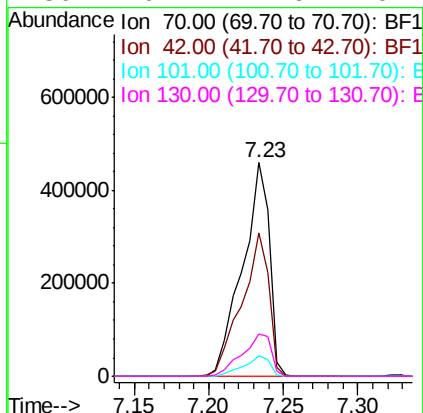
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.554 ng  
RT: 7.23 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 66.8  | 54.5  | 81.7  |
| 101     | 9.7   | 7.6   | 11.4  |
| 130     | 20.1  | 17.6  | 26.4  |



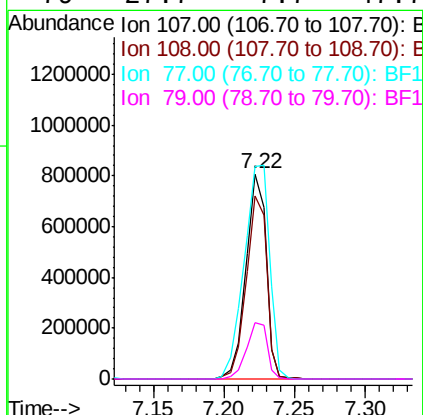
Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

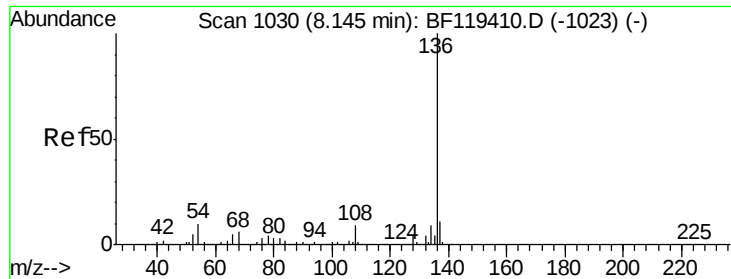
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#20  
3+4-Methylphenols  
Concen: 46.674 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.1  | 67.9  | 107.9 |
| 77      | 103.5 | 52.9  | 92.9  |
| 79      | 27.7  | 7.7   | 47.7  |





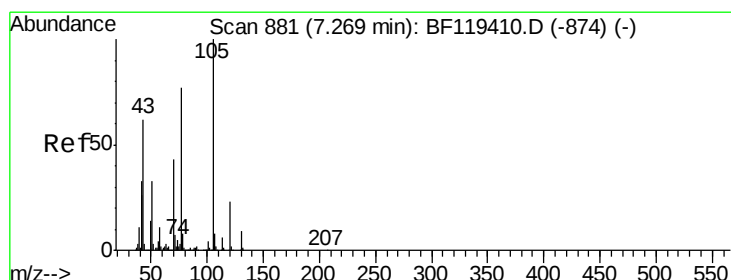
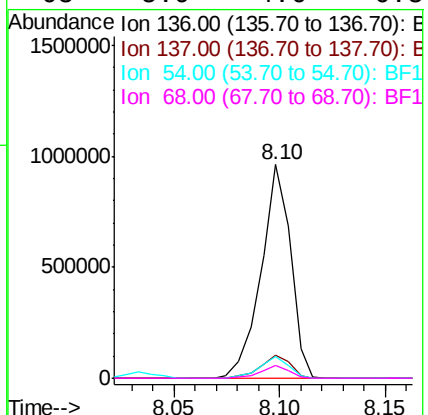
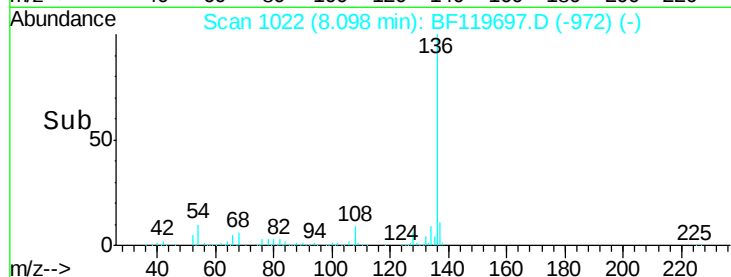
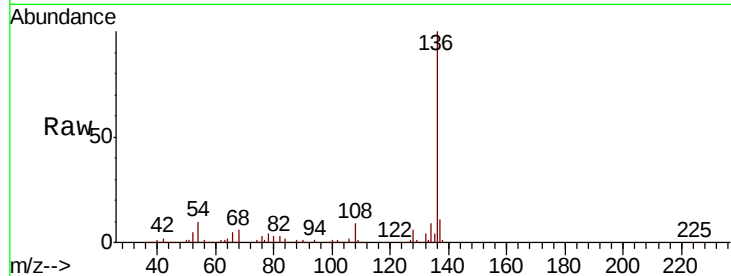
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.10 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.1  | 8.7  | 13.1  |       |
| 54      | 10.2  | 9.1  | 13.7  |       |
| 68      | 5.9   | 4.6  | 6.8   |       |

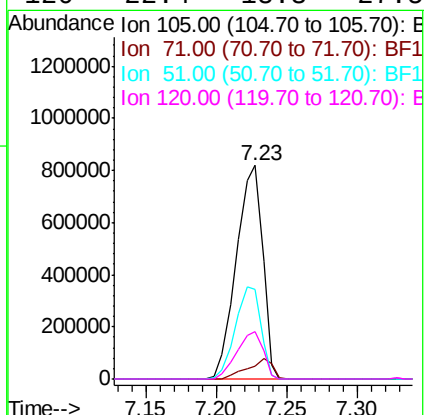
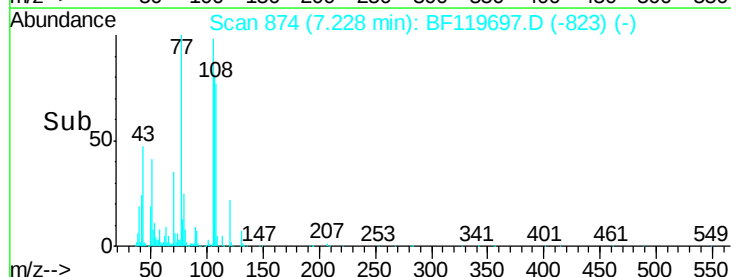
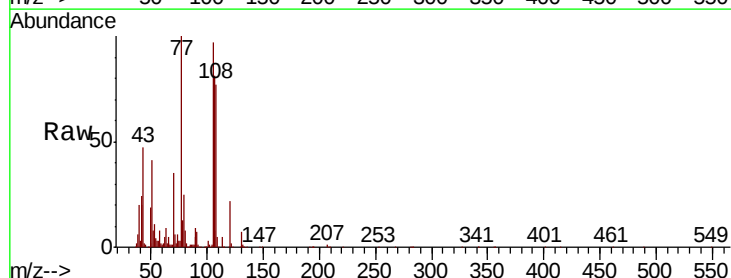
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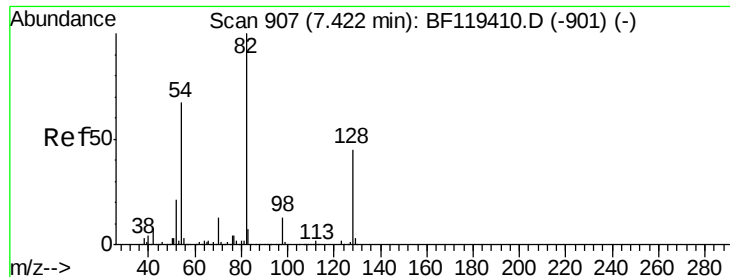
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#22  
Acetophenone  
Concen: 47.378 ng  
RT: 7.23 min Scan# 874  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 5.8   | 5.7  | 8.5   |       |
| 51      | 41.9  | 26.2 | 39.4  |       |
| 120     | 22.4  | 18.3 | 27.5  |       |





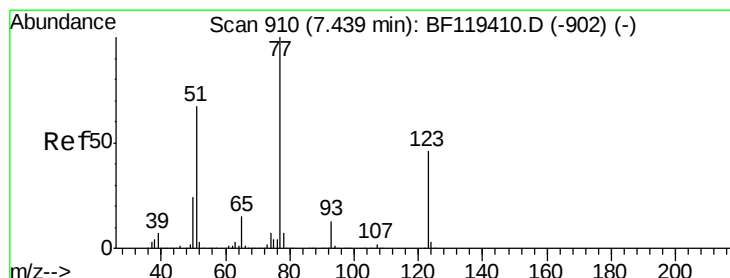
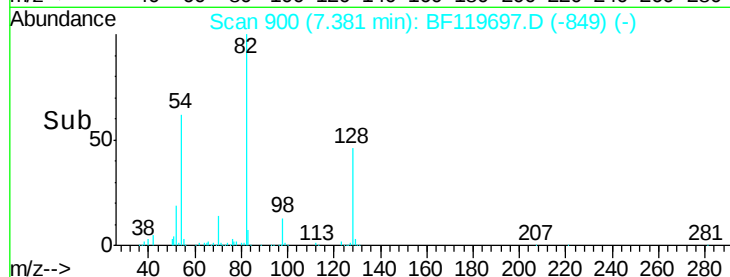
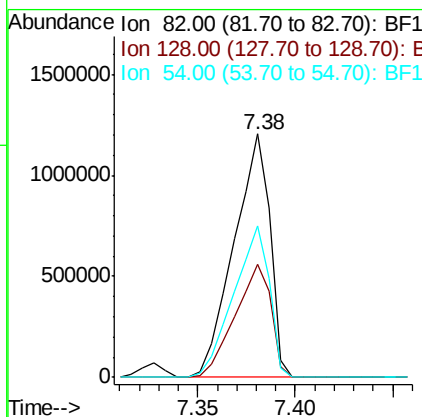
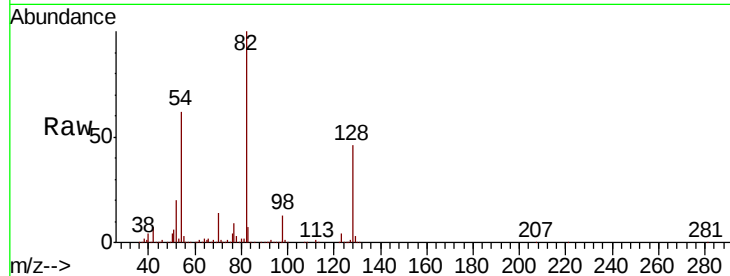
#23  
Nitrobenzene-d5  
Concen: 88.483 ng  
RT: 7.38 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

Tot Ion: 82 Resp: 1533175  
Ion Ratio Lower Upper  
82 100  
128 46.4 36.3 54.5  
54 62.2 50.6 75.8

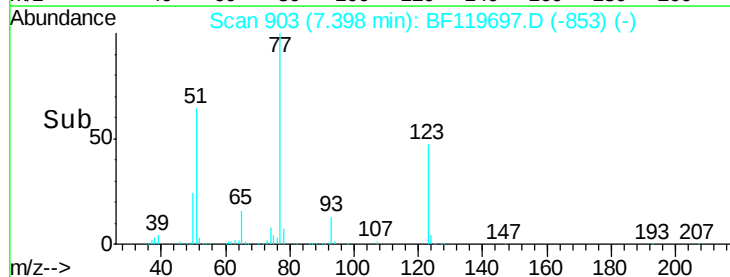
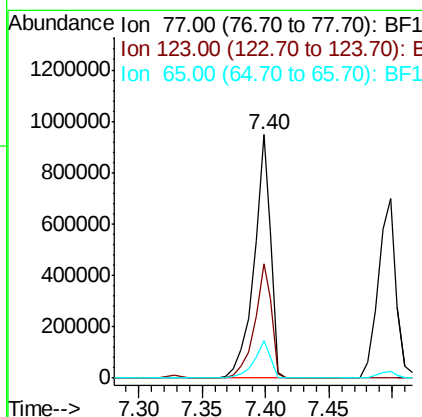
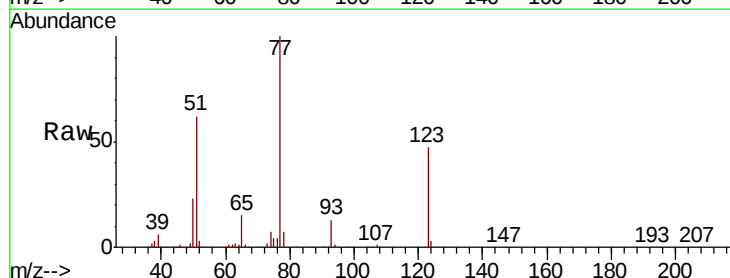
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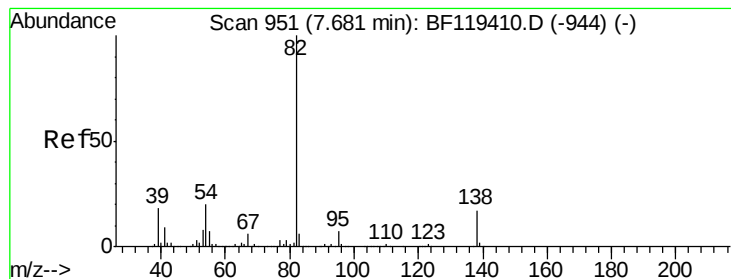
mohammad  
4/3/2020 11:14:48 PM



#24  
Nitrobenzene  
Concen: 46.964 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Tgt Ion: 77 Resp: 869652  
Ion Ratio Lower Upper  
77 100  
123 47.2 38.0 57.0  
65 15.3 12.6 18.8





#25

Isophorone

Concen: 46.733 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

ClientSampleId :

SB-3J-(5-7)MSD

Tot Ion: 82 Resp: 1642633

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

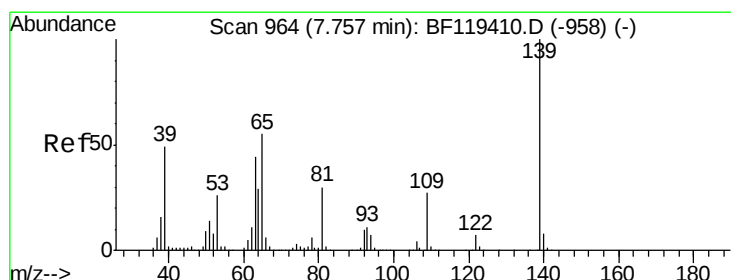
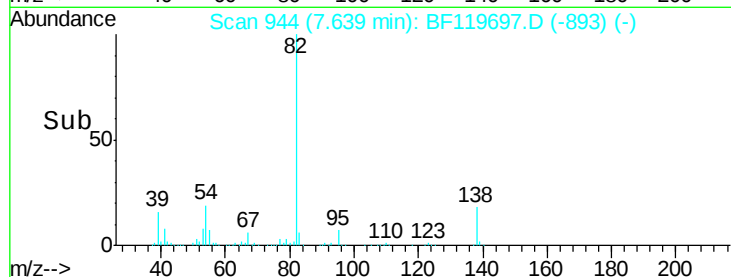
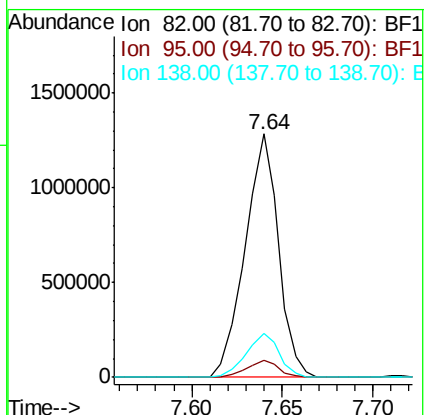
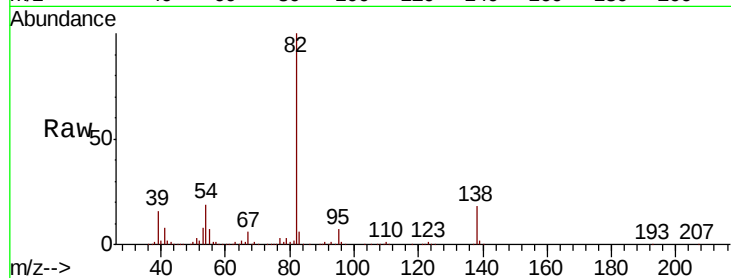
138 18.0 14.6 21.8

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#26

2-Nitrophenol

Concen: 62.549 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

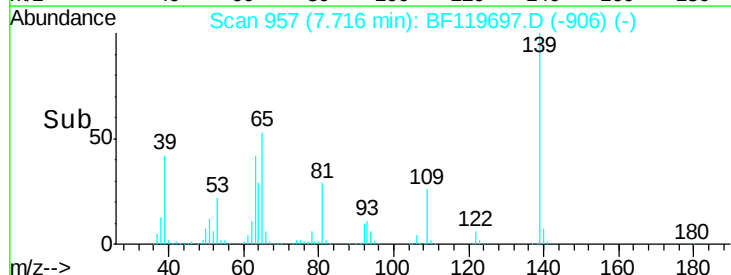
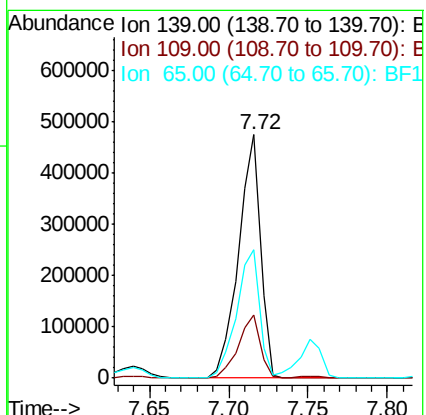
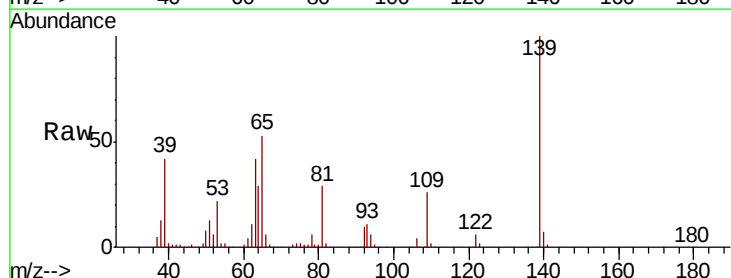
Tgt Ion: 139 Resp: 456052

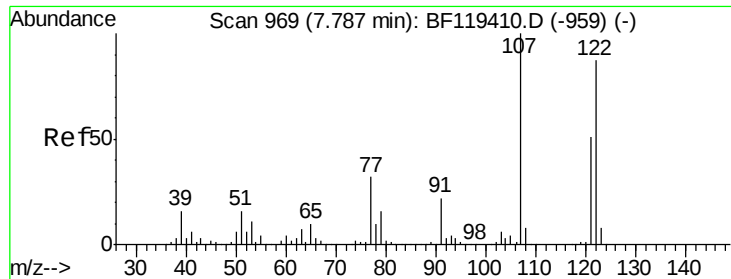
Ion Ratio Lower Upper

139 100

109 25.8 22.1 33.1

65 52.6 49.2 73.8





#27

2,4-Dimethylphenol

Concen: 49.868 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

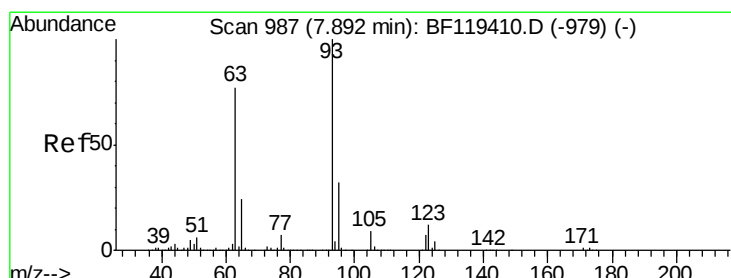
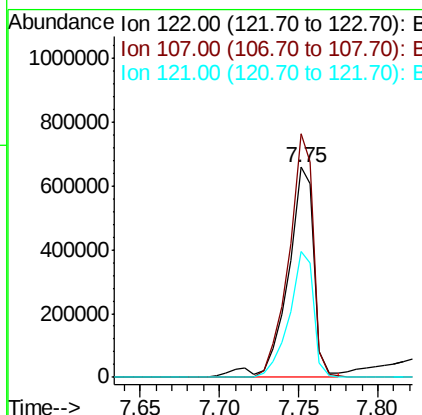
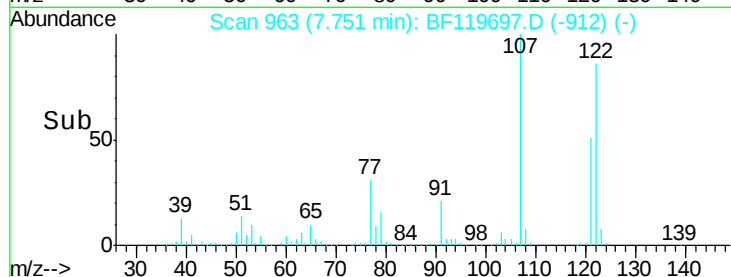
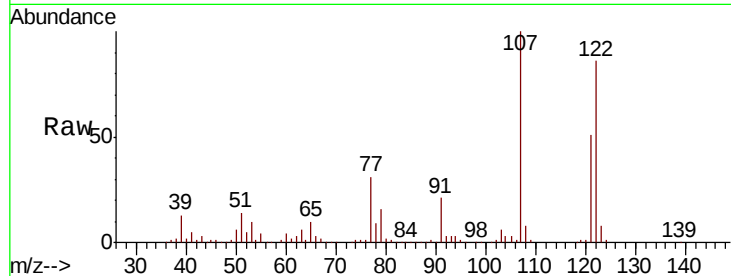
ClientSampled :

SB-3J-(5-7)MSD

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 107     | 116.0 | 89.0  | 133.6 |       |
| 121     | 59.7  | 46.7  | 70.1  |       |

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#28

bis(2-Chloroethoxy)methane

Concen: 50.059 ng

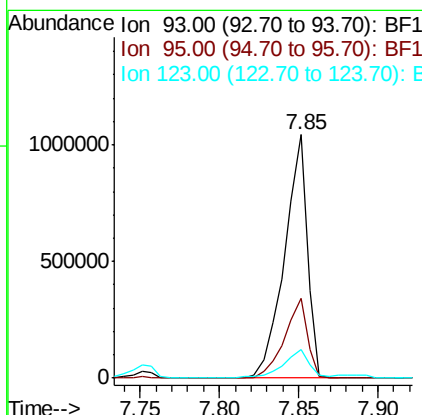
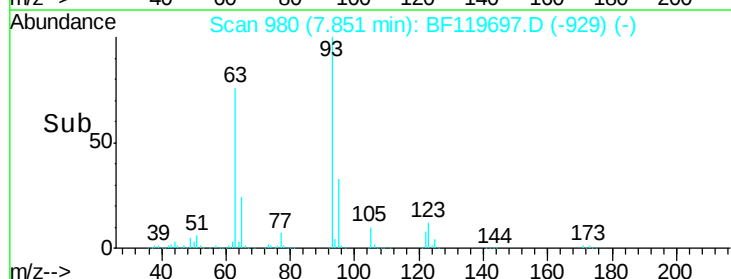
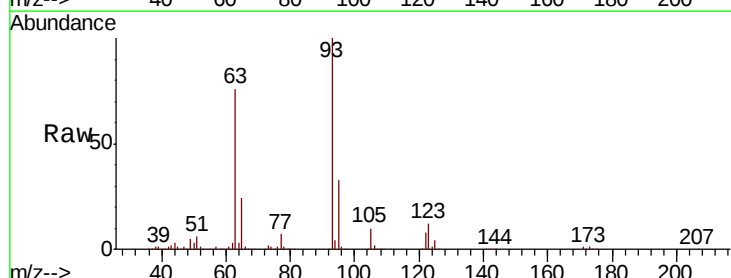
RT: 7.85 min Scan# 980

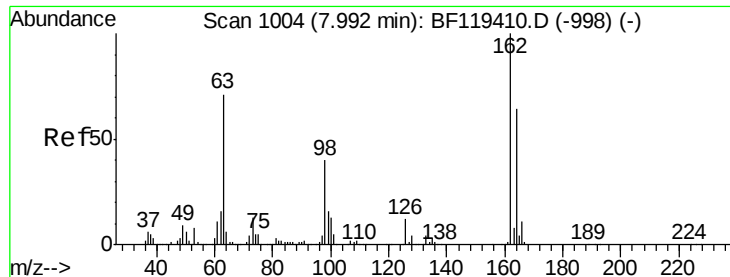
Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 93      | 100  |       |       |       |
| 95      | 32.9 | 26.3  | 39.5  |       |
| 123     | 11.6 | 9.7   | 14.5  |       |





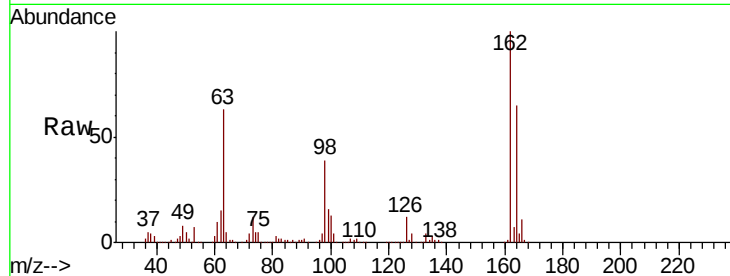
#29  
2,4-Dichlorophenol  
Concen: 50.669 ng  
RT: 7.96 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

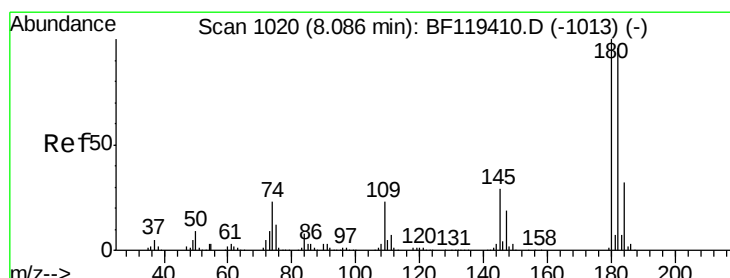
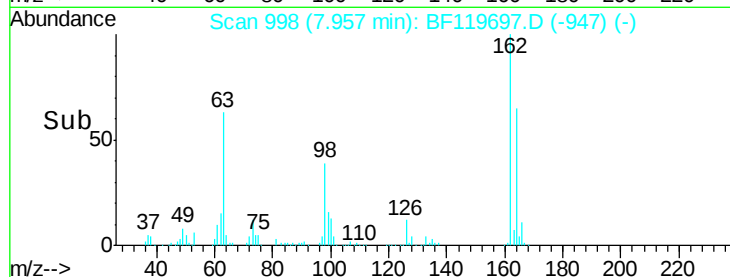
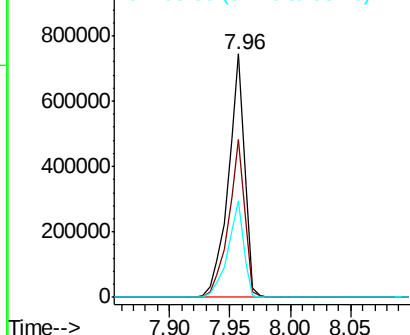
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 701886 |       |       |
| 164     | 65.0  |        | 44.7  | 84.7  |
| 98      | 39.5  |        | 20.7  | 60.7  |

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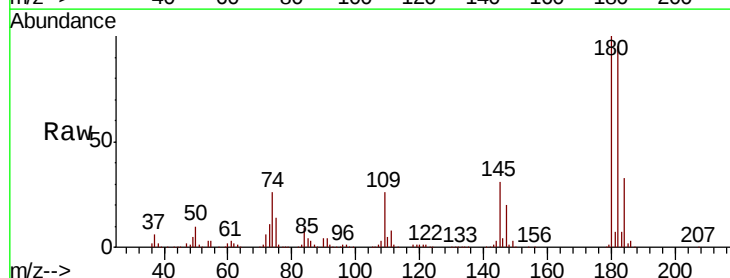


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

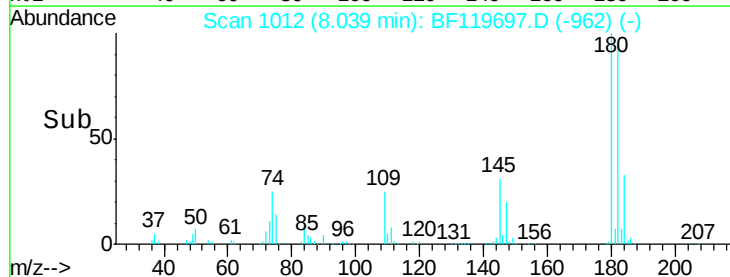
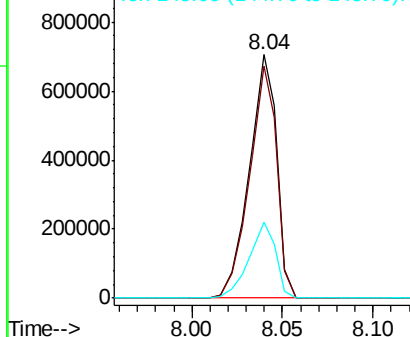


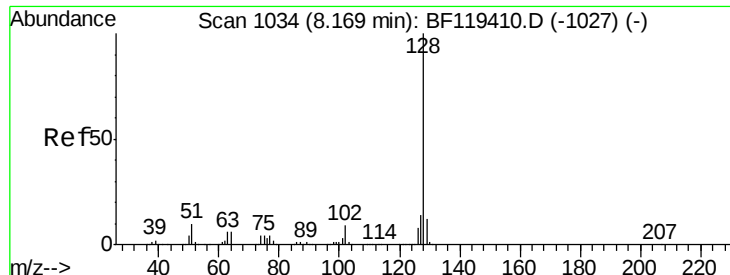
#30  
1,2,4-Trichlorobenzene  
Concen: 48.250 ng  
RT: 8.04 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 739162 |       |       |
| 182     | 95.3  |        | 74.7  | 112.1 |
| 145     | 31.2  |        | 24.5  | 36.7  |



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





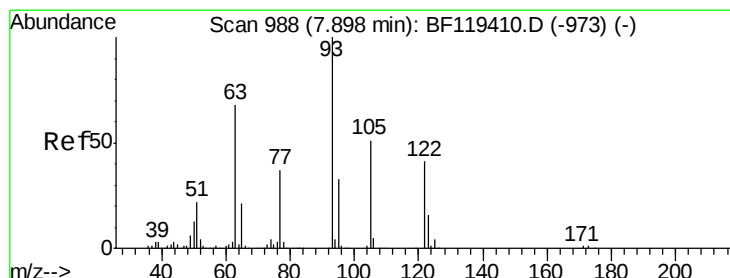
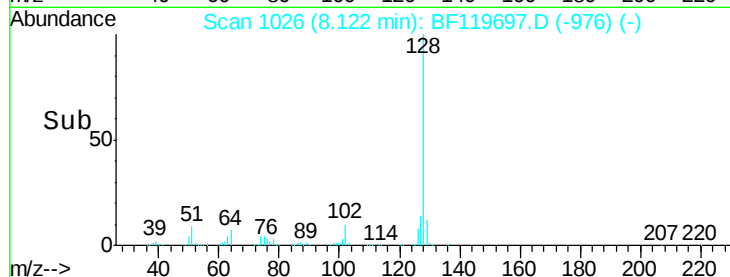
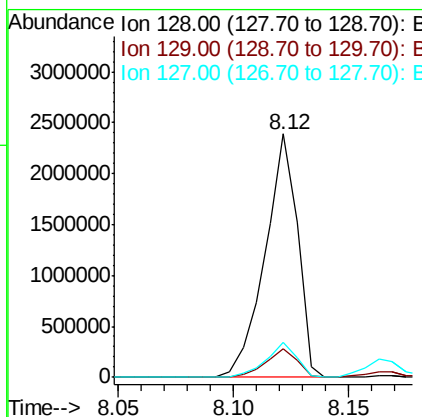
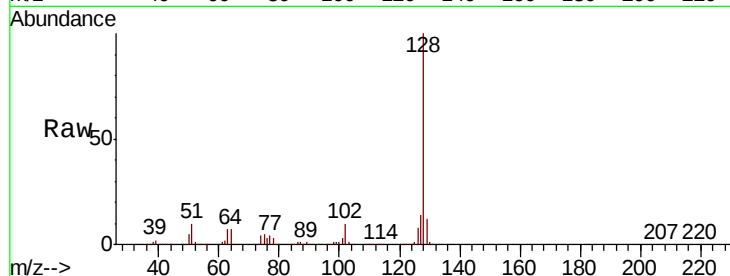
#31  
Naphthalene  
Concen: 48.149 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.0  | 9.5   | 14.3  |
| 127     | 14.2  | 11.3  | 16.9  |

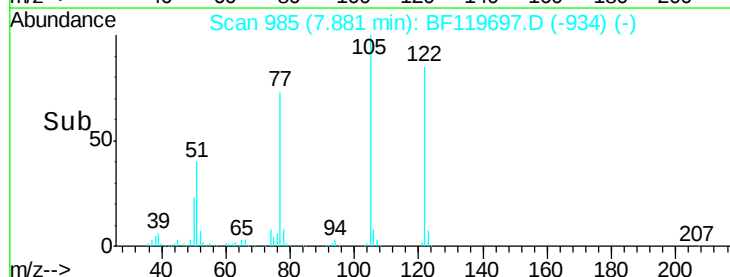
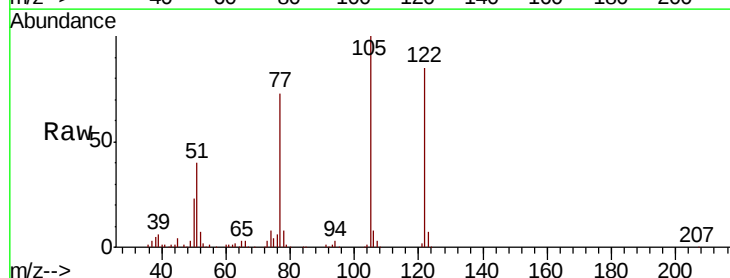
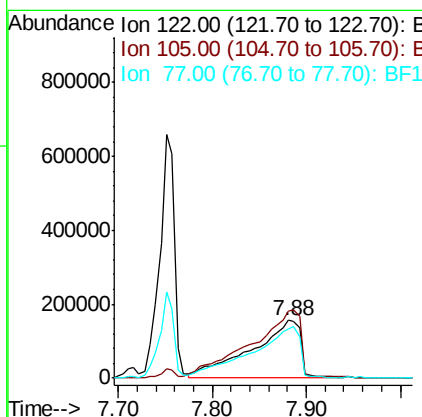
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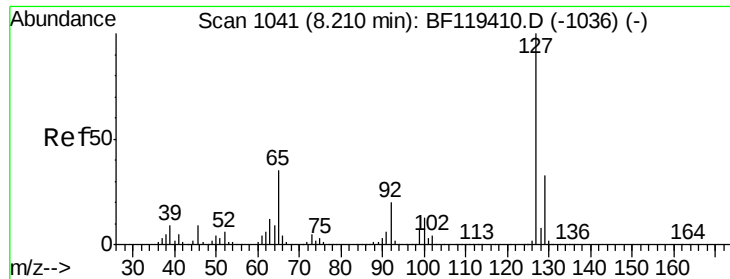
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#32  
Benzoic acid  
Concen: 57.137 ng  
RT: 7.88 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 117.2 | 104.9 | 144.9 |
| 77      | 85.7  | 74.4  | 114.4 |





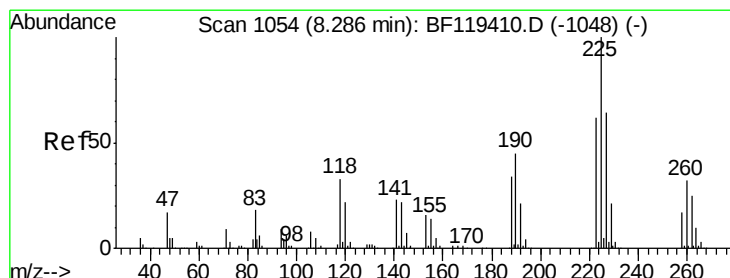
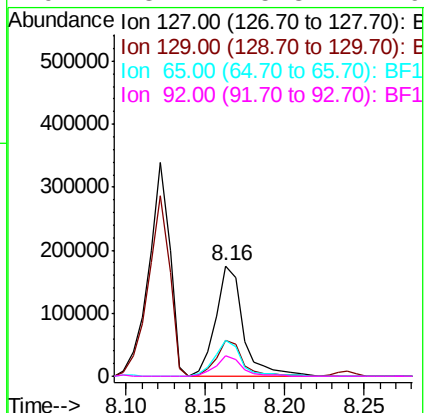
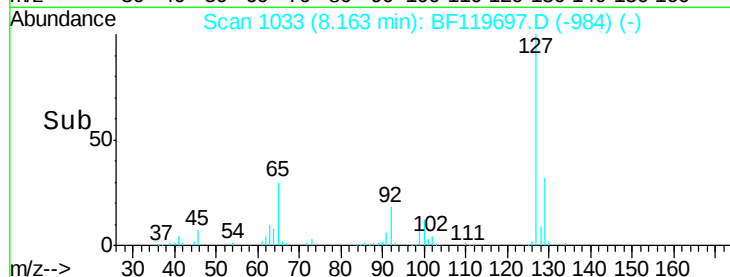
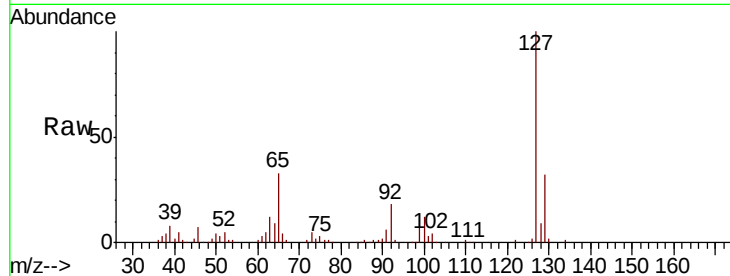
#33  
4-Chloroaniline  
Concen: 9.461 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.5 | 26.2  | 39.4 |       |       |
| 65      | 33.0 | 27.4  | 41.0 |       |       |
| 92      | 18.4 | 15.3  | 22.9 |       |       |

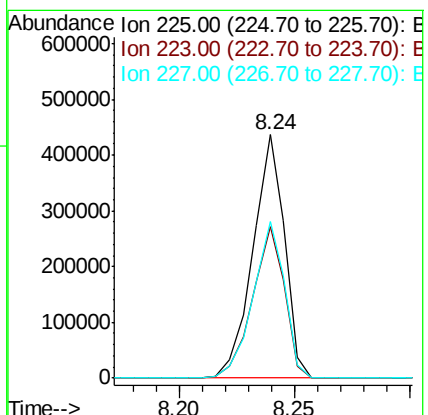
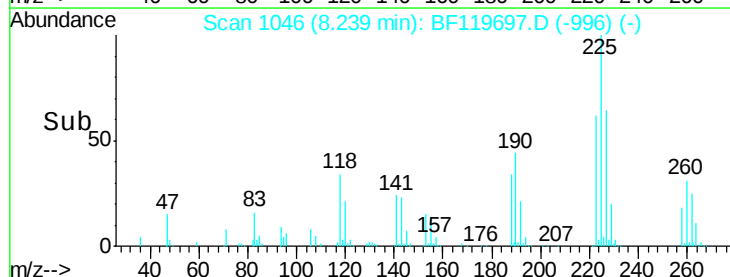
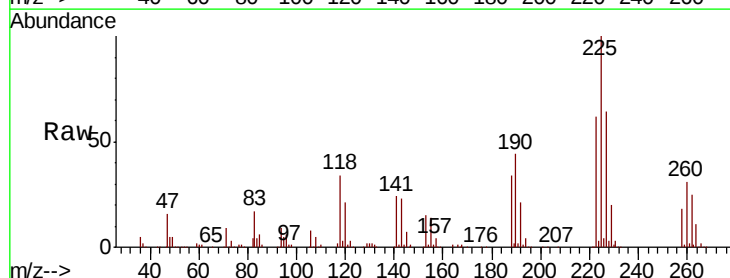
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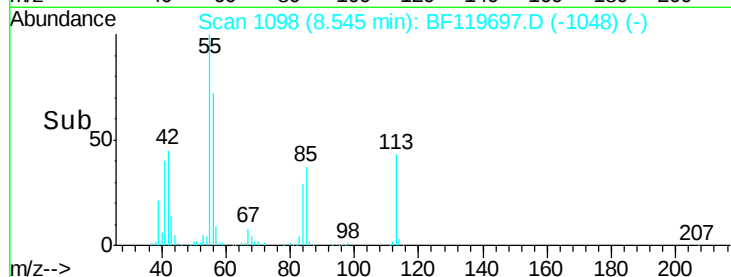
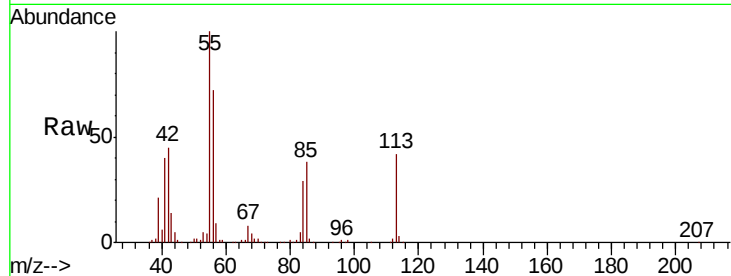
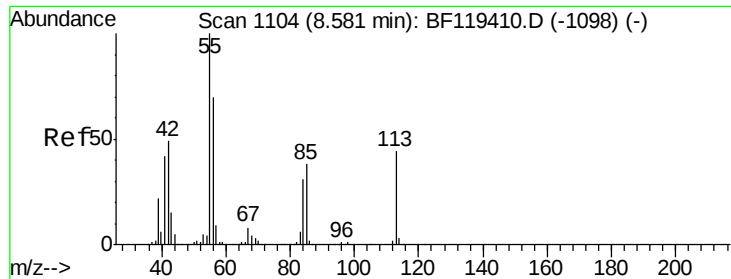
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#34  
Hexachlorobutadiene  
Concen: 48.678 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.4 | 51.0  | 76.6 |       |       |
| 227     | 64.1 | 50.7  | 76.1 |       |       |





#35

Caprolactam

Concen: 49.596 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 224849 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 235.5 | 218.4 | 258.4  |
| 56        | 169.6 | 148.9 | 188.9  |

Instrument :

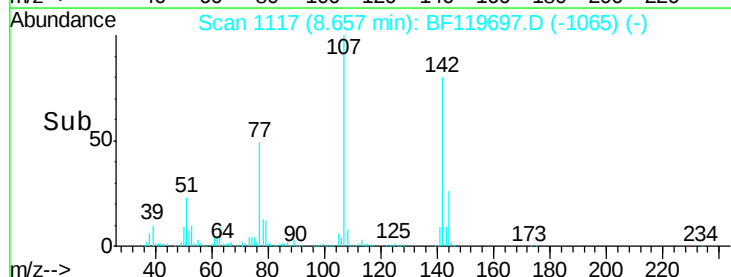
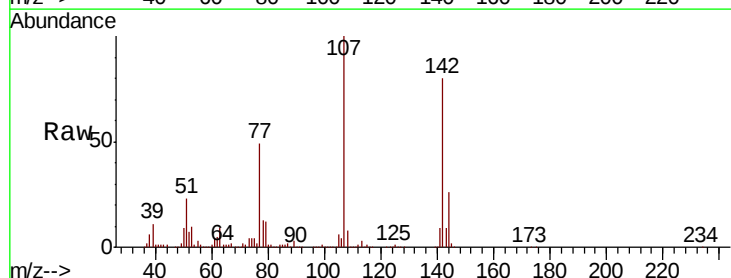
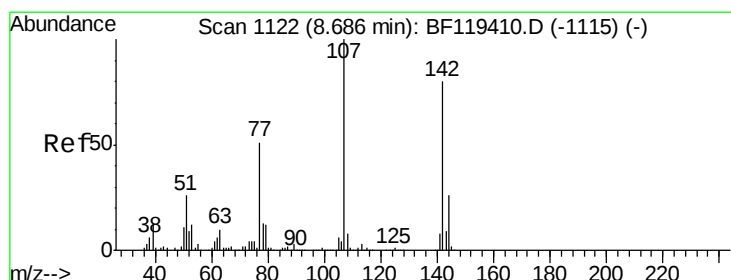
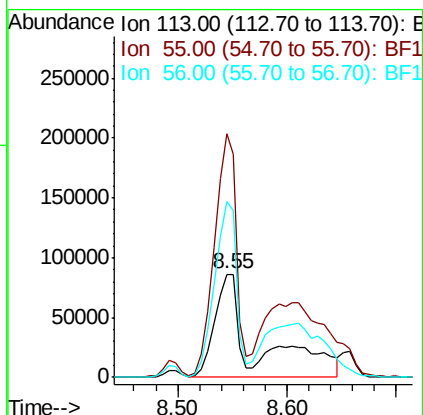
BNA\_F

ClientSampleId :

SB-3J-(5-7)MSD

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#36

4-Chloro-3-methylphenol

Concen: 50.265 ng/mL

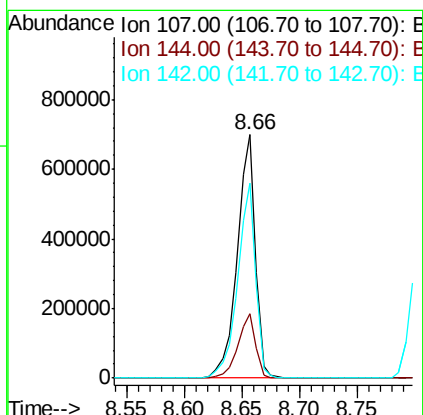
RT: 8.66 min Scan# 1117

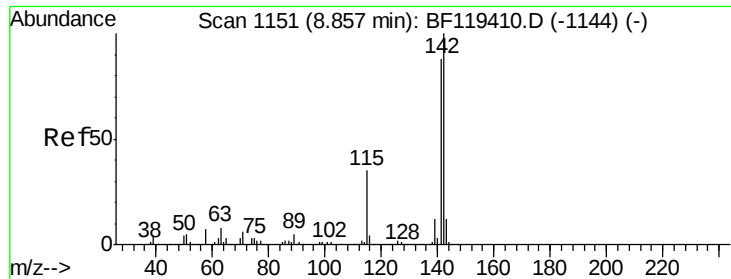
Delta R.T. 0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 761018 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 26.2  | 21.0  | 31.6   |
| 142       | 80.0  | 64.4  | 96.6   |





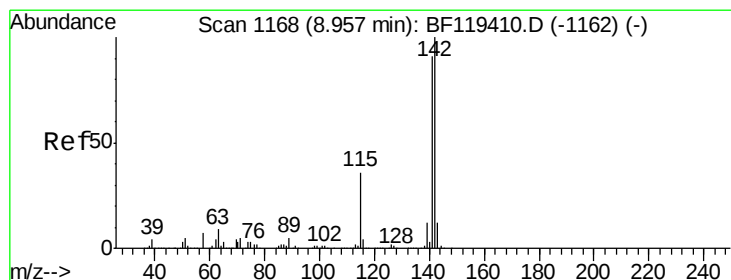
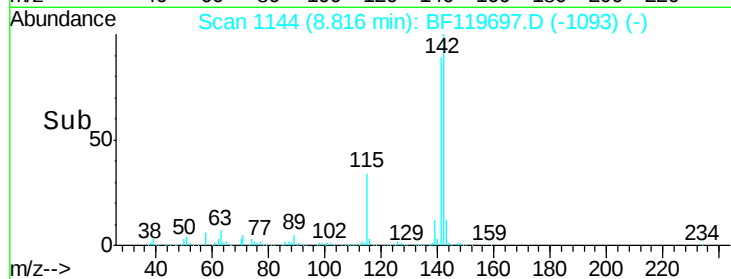
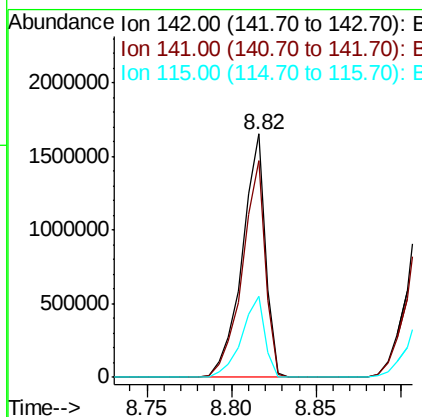
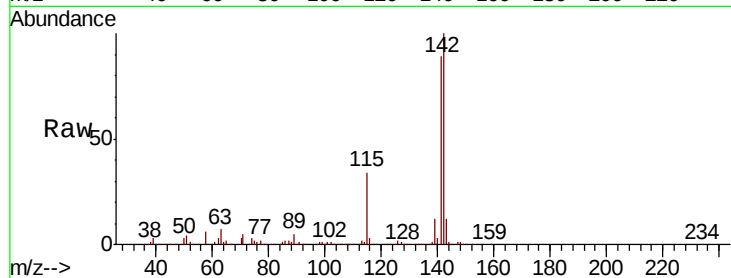
#37  
2-Methylnaphthalene  
Concen: 49.909 ng  
RT: 8.82 min Scan# 1144  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 71.7  | 107.5 |
| 115     | 33.5  | 27.9  | 41.9  |

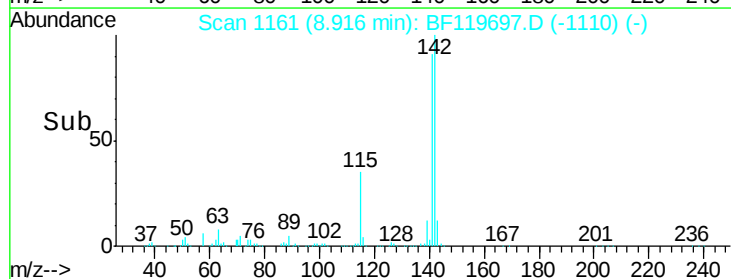
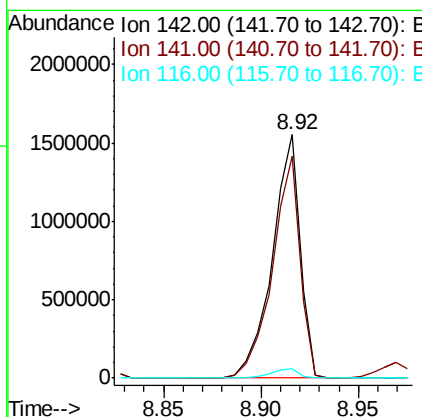
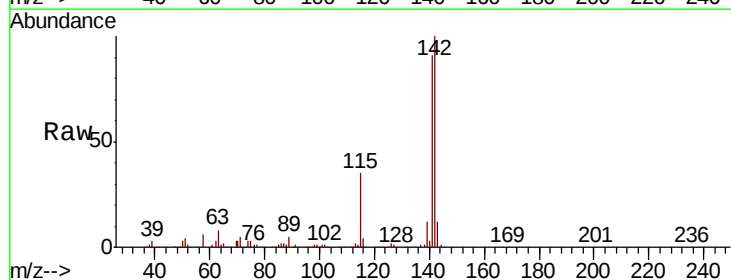
Manual Integrations  
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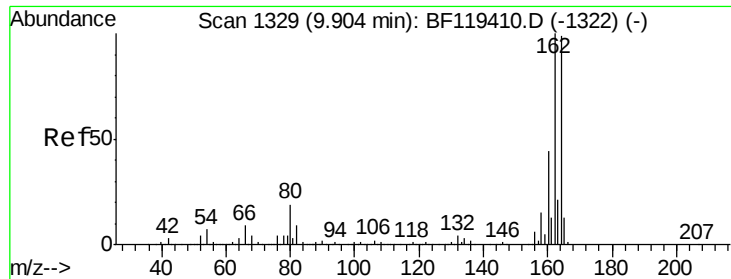
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#38  
1-Methylnaphthalene  
Concen: 50.871 ng  
RT: 8.92 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 73.7  | 110.5 |
| 116     | 3.6   | 3.0   | 4.6   |





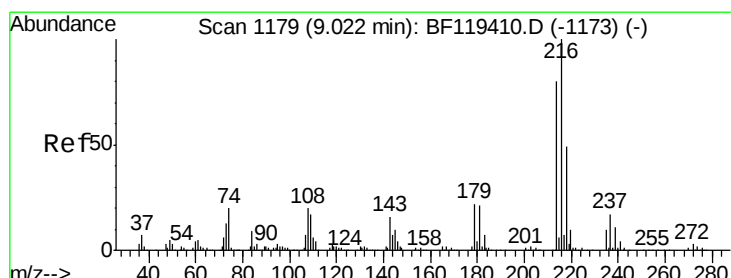
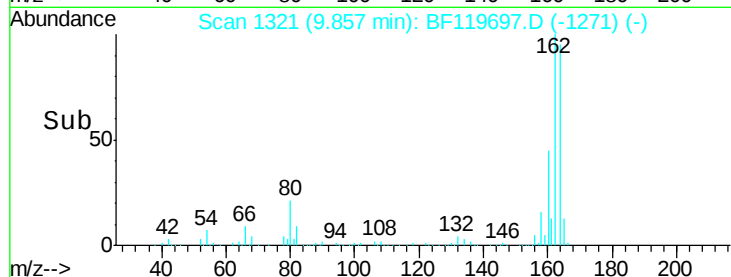
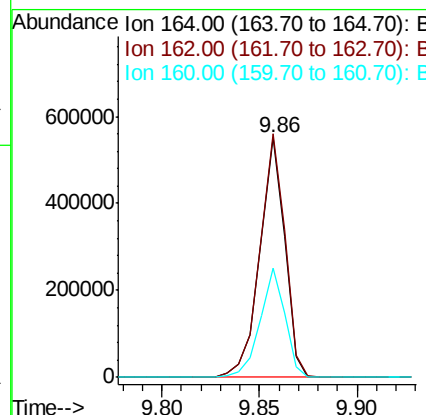
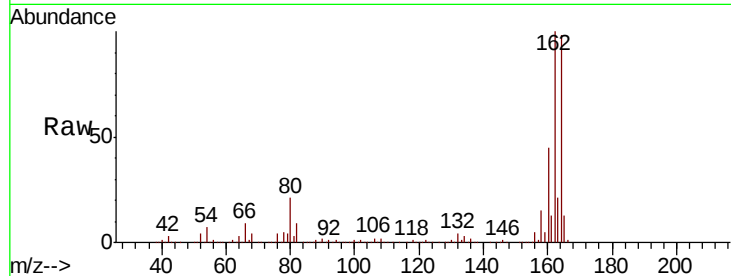
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.86 min Scan# 1321  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.8 | 80.6 | 121.0 |       |
| 160     | 45.7  | 35.7 | 53.5  |       |

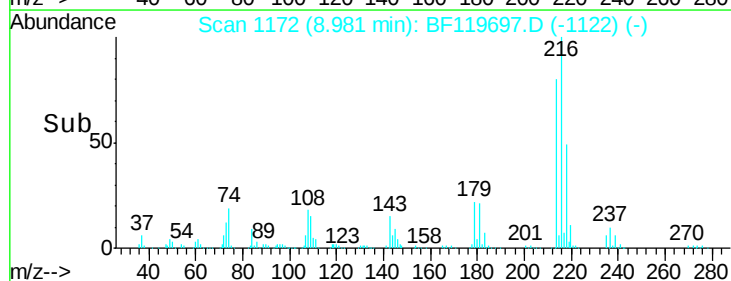
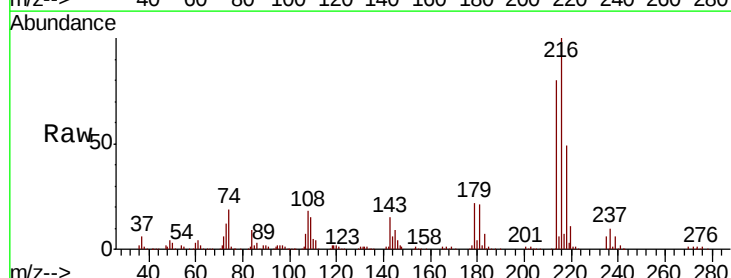
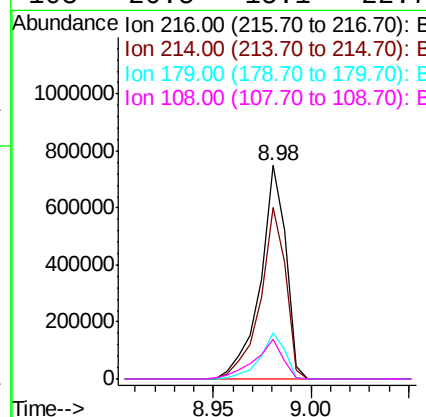
Manual Integrations  
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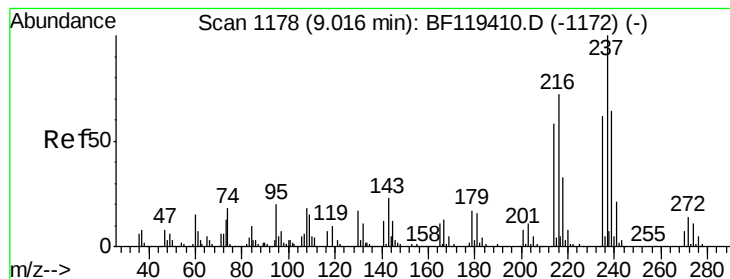
mohammad  
 4/3/2020 11:14:48 PM



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 47.382 ng  
 RT: 8.98 min Scan# 1172  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.6  | 63.2 | 94.8  |       |
| 179     | 21.3  | 17.1 | 25.7  |       |
| 108     | 20.5  | 15.1 | 22.7  |       |





#41

Hexachlorocyclopentadiene

Concen: 97.647 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

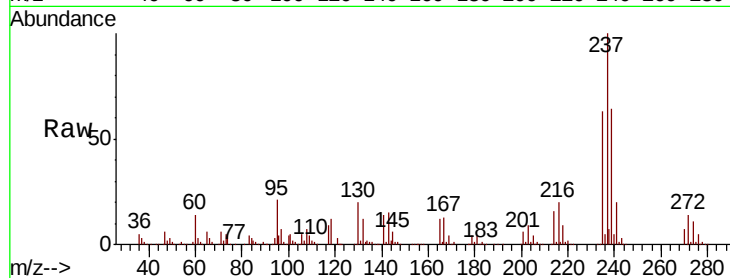
ClientSampleId :

SB-3J-(5-7)MSD

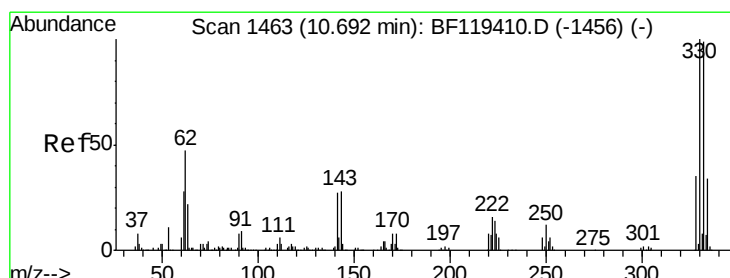
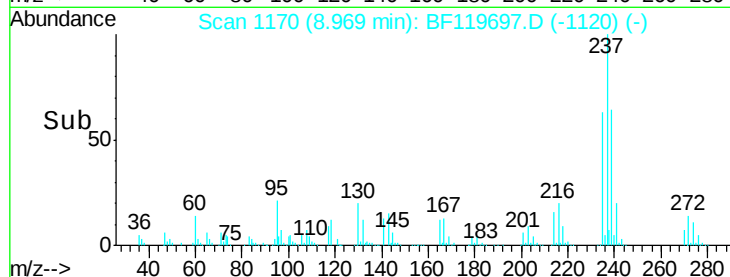
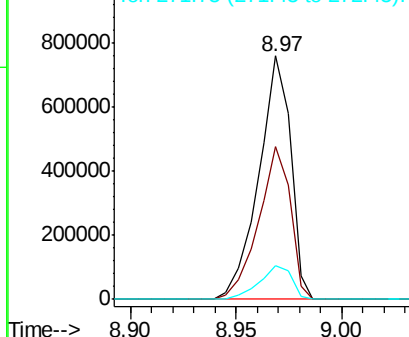
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 797826 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.9  | 43.2  | 83.2   |
| 272       | 13.7  | 0.0   | 34.1   |

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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: 141.632 ng

RT: 10.65 min Scan# 1456

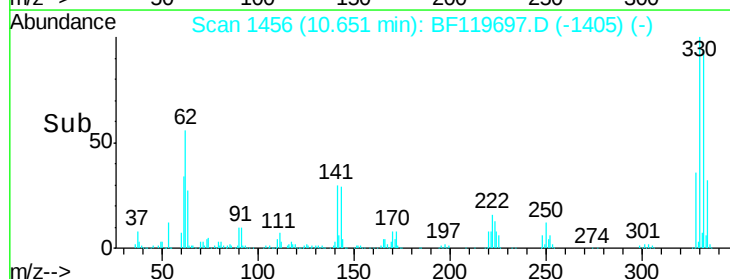
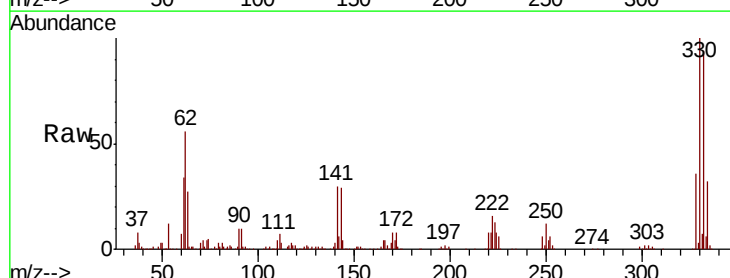
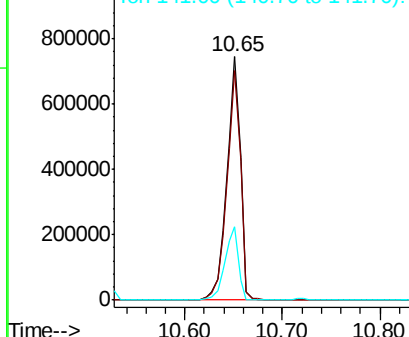
Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 716441 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 75.7  | 113.5  |
| 141       | 30.1  | 25.4  | 38.0   |

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





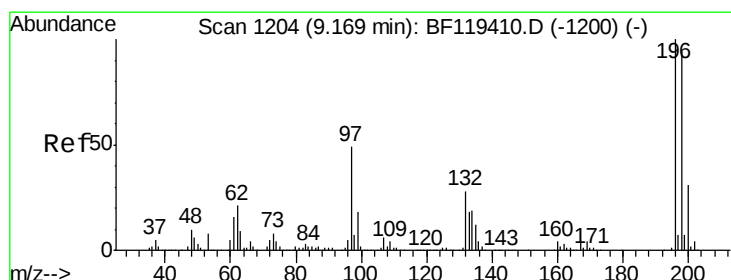
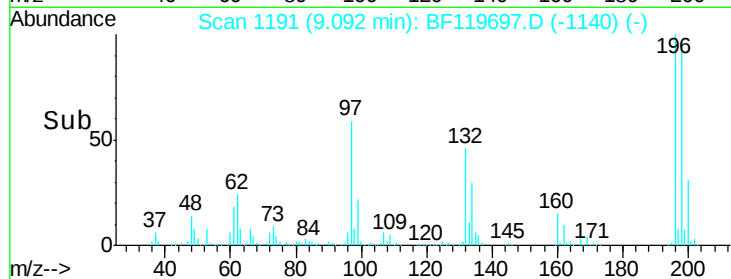
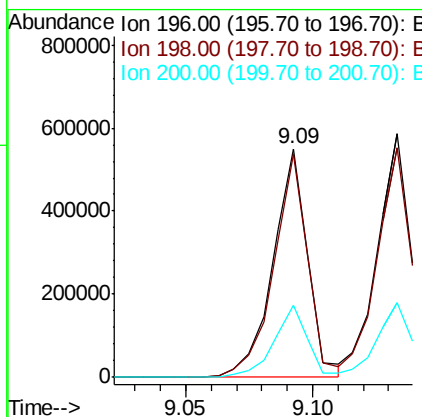
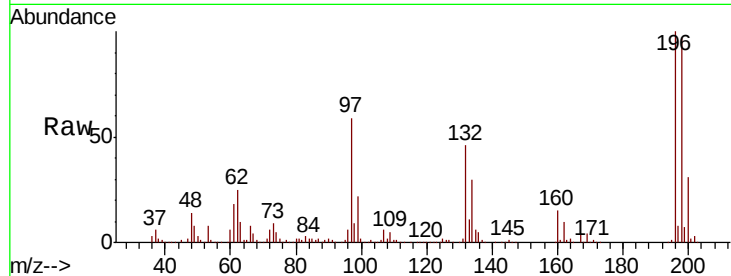
#43  
 2,4,6-Trichlorophenol  
 Concen: 51.202 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 526604 |       |       |
| 198     | 97.4  | 76.6   | 115.0 |       |
| 200     | 31.2  | 24.6   | 36.8  |       |

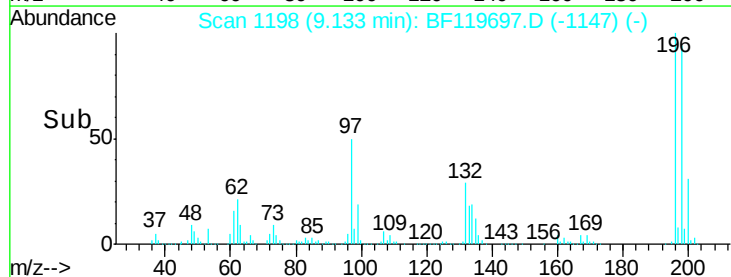
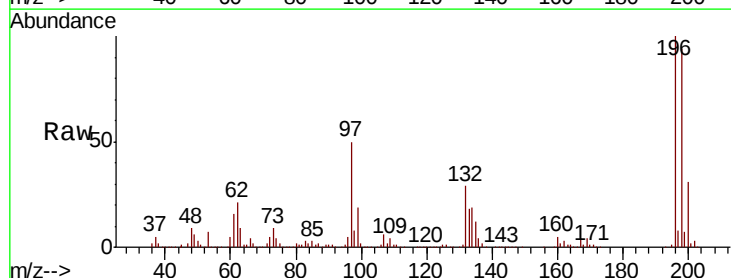
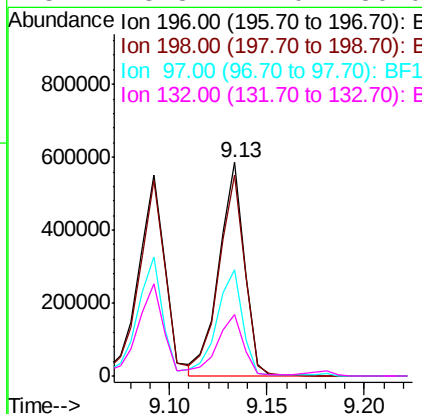
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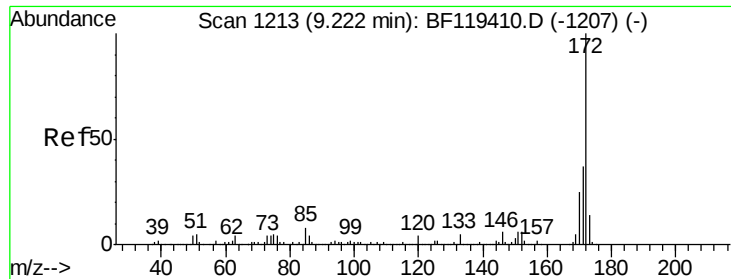
mohammad  
 4/3/2020 11:14:48 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.975 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 529691 |       |       |
| 198     | 94.1  | 73.8   | 110.8 |       |
| 97      | 49.6  | 42.6   | 63.8  |       |
| 132     | 28.8  | 24.0   | 36.0  |       |





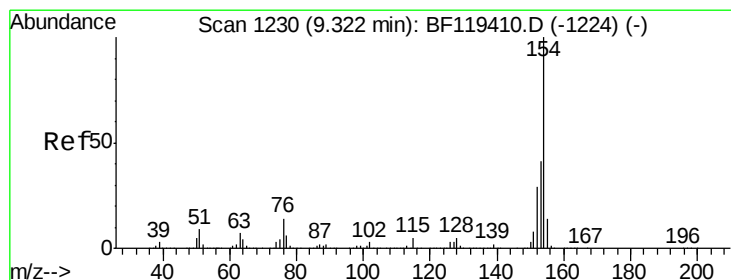
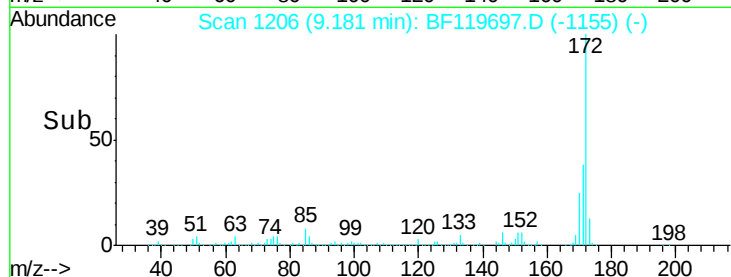
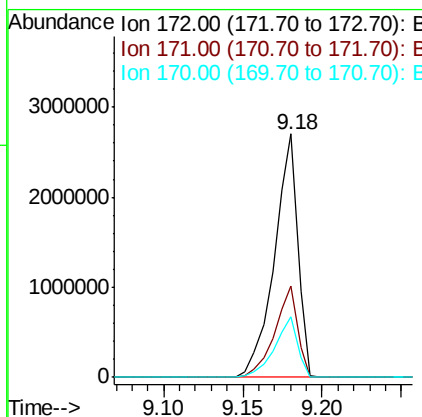
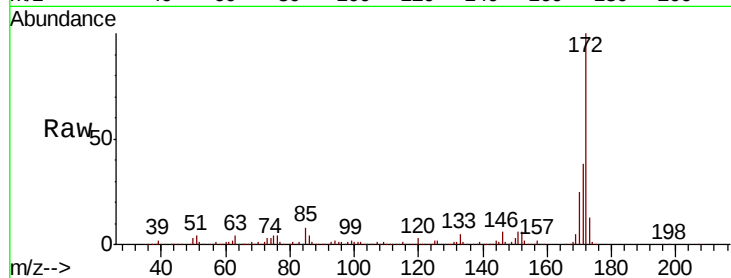
#45  
2-Fluorobiphenyl  
Concen: 84.020 ng  
RT: 9.18 min Scan# 1206  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

Tot Ion:172 Resp: 2780808  
Ion Ratio Lower Upper  
172 100  
171 37.6 29.6 44.4  
170 24.9 20.2 30.2

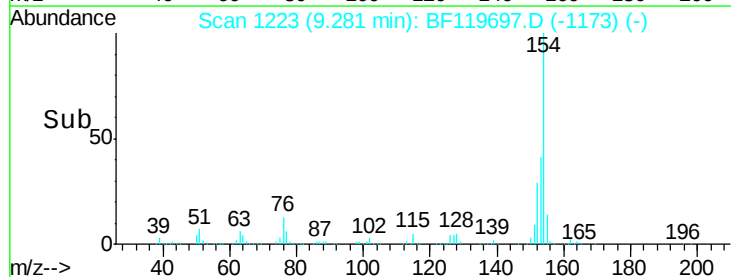
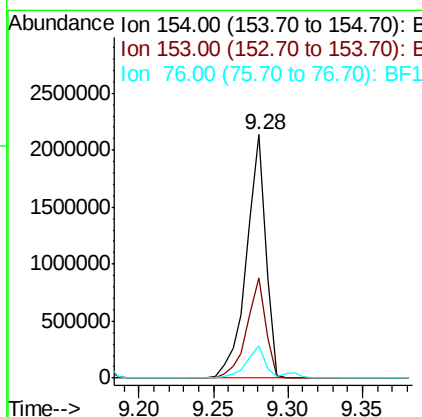
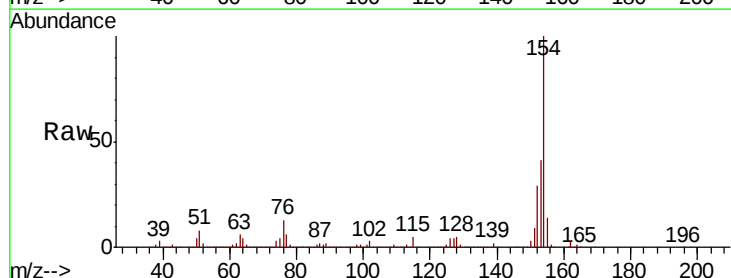
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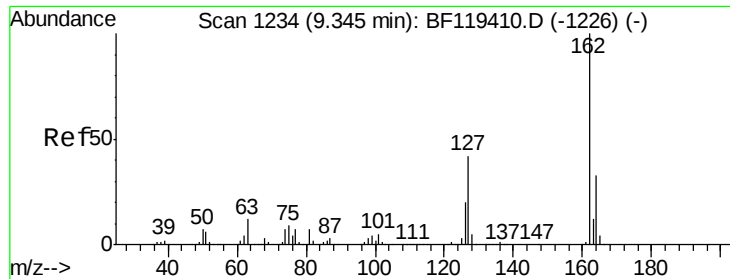
mohammad  
4/3/2020 11:14:48 PM



#46  
1,1'-Biphenyl  
Concen: 47.703 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Tgt Ion:154 Resp: 1904979  
Ion Ratio Lower Upper  
154 100  
153 41.4 21.4 61.4  
76 13.2 0.0 33.0





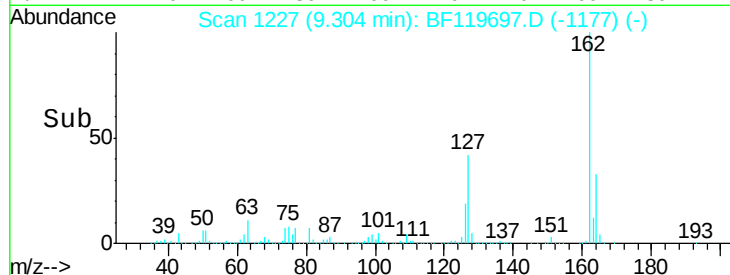
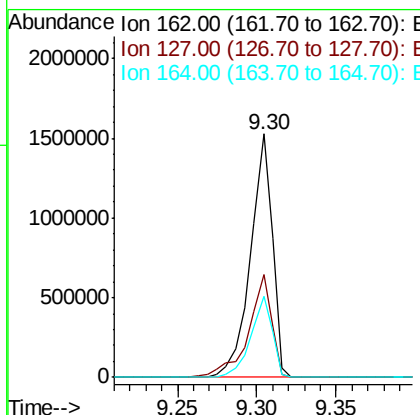
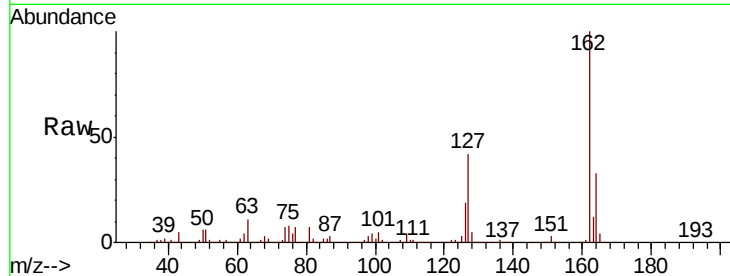
#47  
 2-Chloronaphthalene  
 Concen: 46.528 ng  
 RT: 9.30 min Scan# 1227  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

Tot Ion: 162 Resp: 1455443  
 Ion Ratio Lower Upper  
 162 100  
 127 42.5 33.7 50.5  
 164 33.5 26.3 39.5

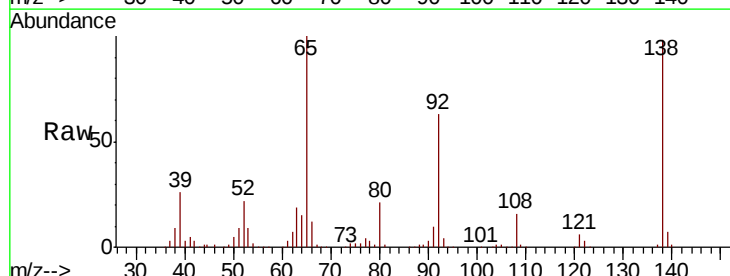
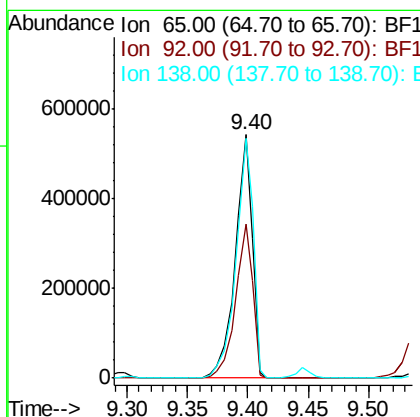
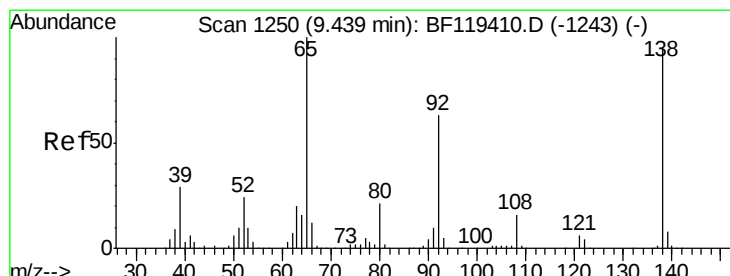
Manual Integrations  
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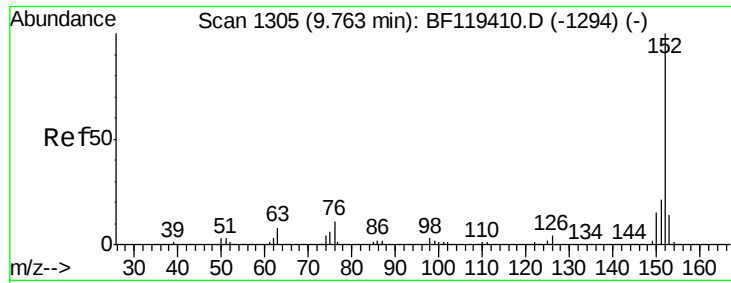
mohammad  
 4/3/2020 11:14:48 PM



#48  
 2-Nitroaniline  
 Concen: 49.406 ng  
 RT: 9.40 min Scan# 1243  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Tgt Ion: 65 Resp: 533440  
 Ion Ratio Lower Upper  
 65 100  
 92 63.3 50.0 75.0  
 138 98.4 75.0 112.4





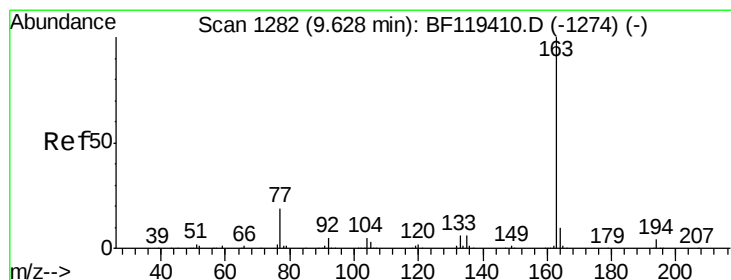
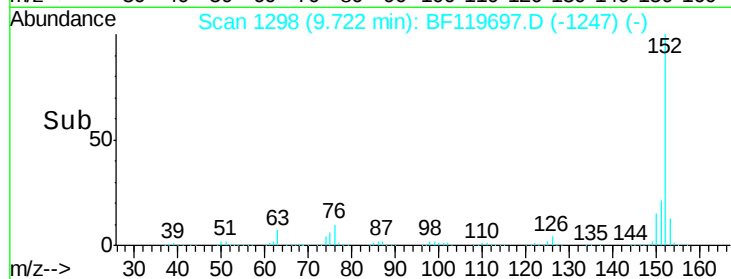
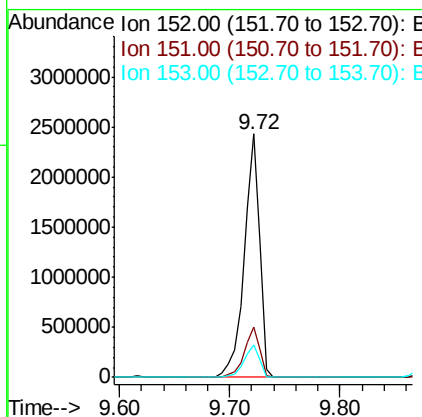
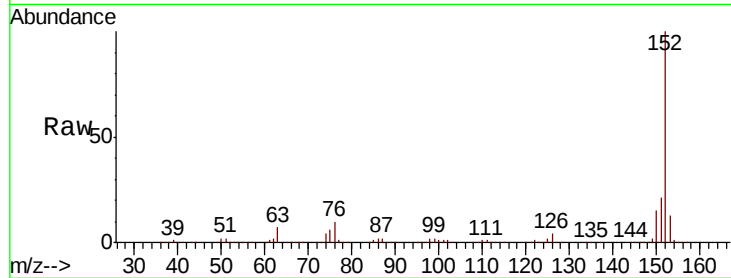
#49  
Acenaphthylene  
Concen: 47.977 ng  
RT: 9.72 min Scan# 1298  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 17.2  | 25.8  |
| 153     | 13.5  | 11.2  | 16.8  |

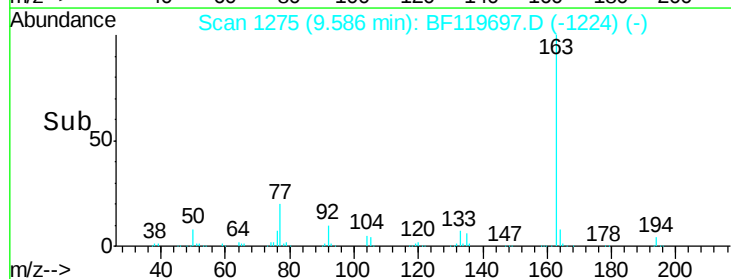
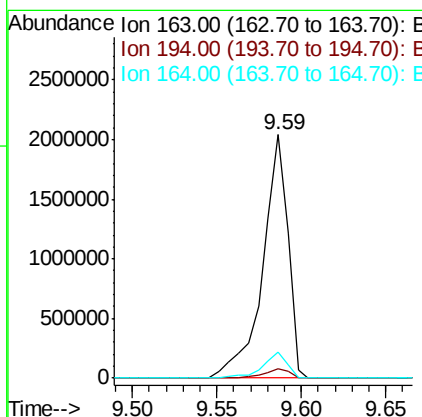
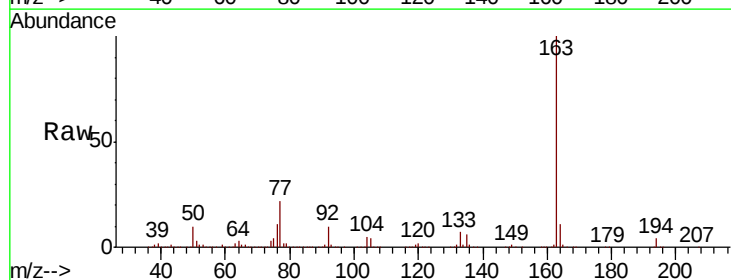
Manual Integrations  
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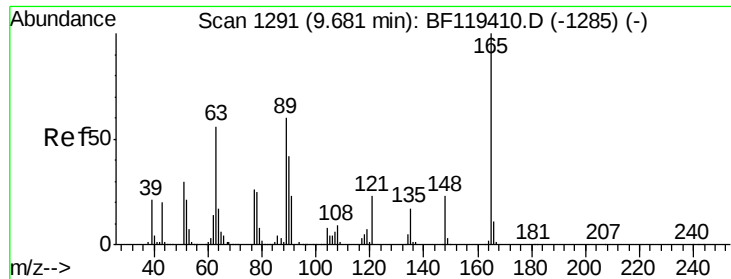
mohammad  
4/3/2020 11:14:48 PM



#50  
Dimethylphthalate  
Concen: 60.478 ng  
RT: 9.59 min Scan# 1275  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.1   | 4.7   |
| 164     | 10.5  | 8.2   | 12.2  |





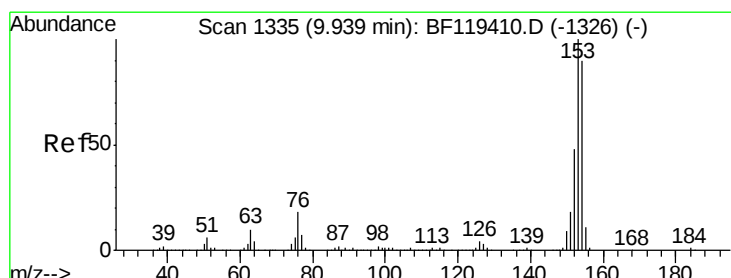
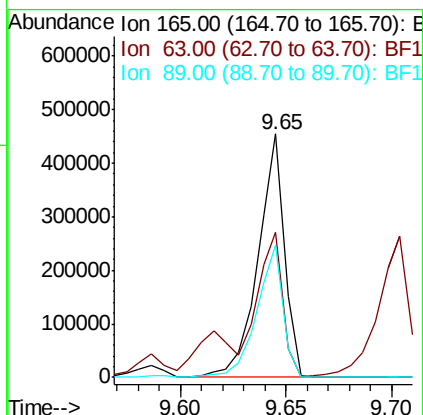
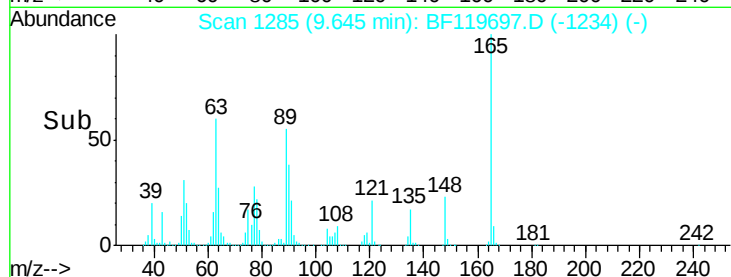
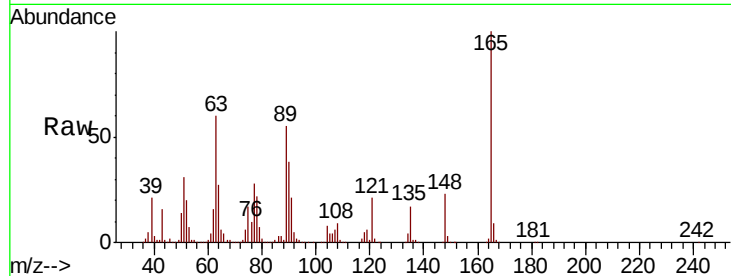
#51  
2,6-Dinitrotoluene  
Concen: 53.028 ng  
RT: 9.65 min Scan# 1285  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 395864 |       |       |
| 63      | 59.6  | 45.0   | 67.4  |       |
| 89      | 54.5  | 41.5   | 62.3  |       |

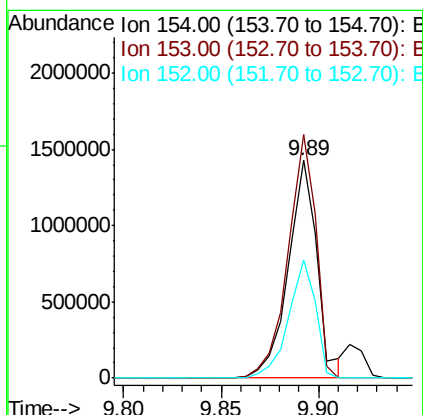
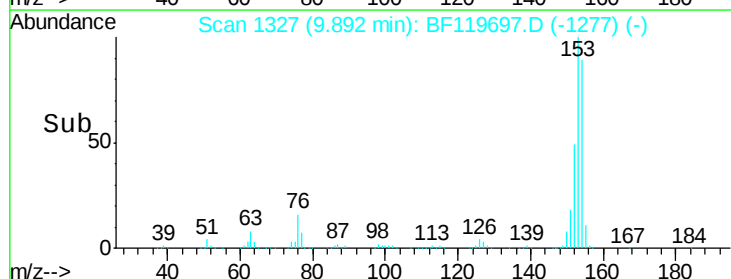
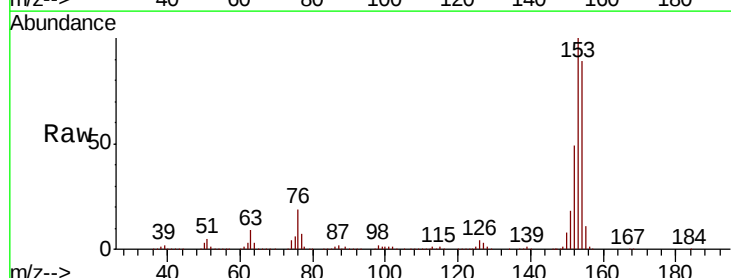
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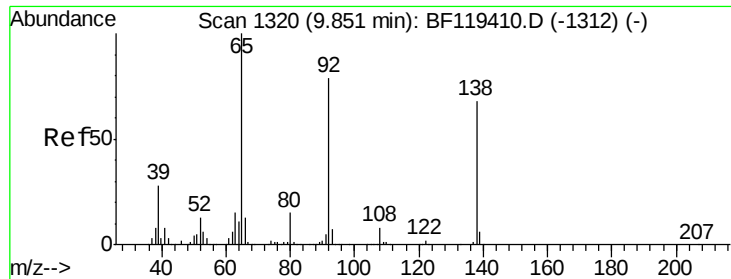
mohammad  
4/3/2020 11:14:48 PM



#52  
Acenaphthene  
Concen: 47.513 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1455013 |       |       |
| 153     | 111.9 | 88.1    | 132.1 |       |
| 152     | 54.6  | 43.0    | 64.4  |       |





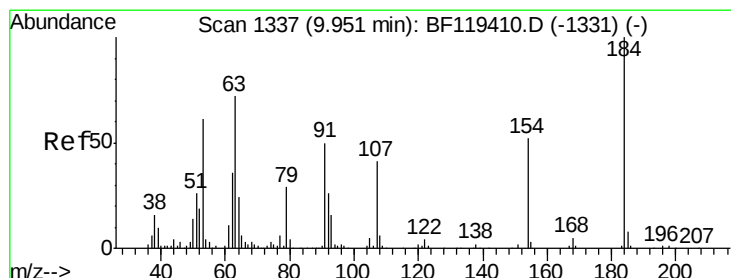
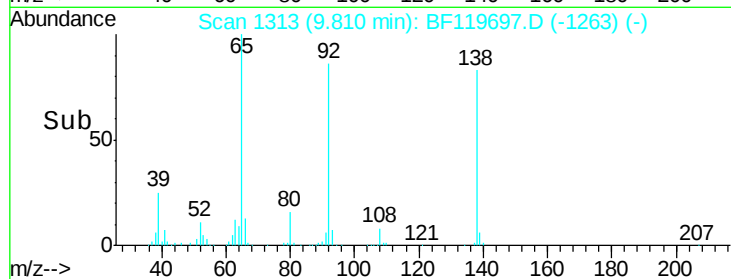
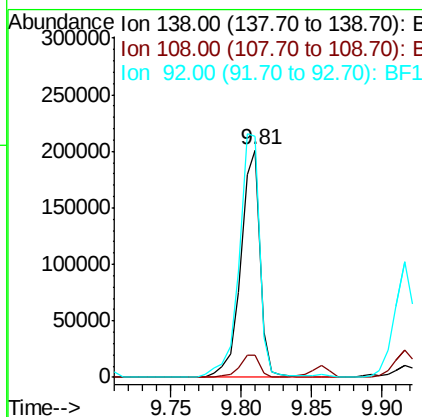
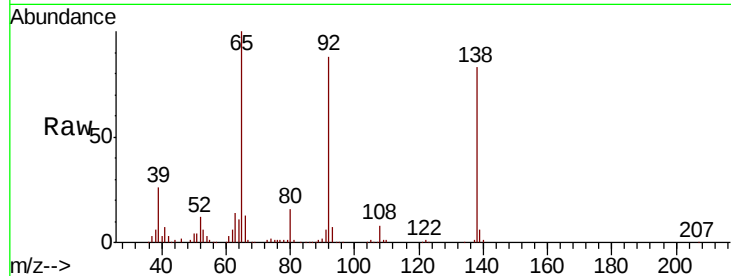
#53  
3-Nitroaniline  
Concen: 20.307 ng  
RT: 9.81 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 191387 |       |       |
| 108     | 9.9   | 8.6    | 13.0  |       |
| 92      | 106.0 | 95.4   | 143.0 |       |

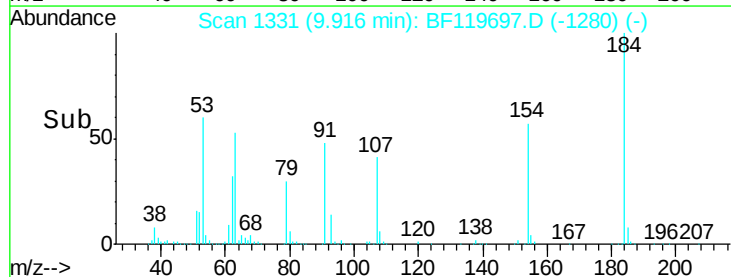
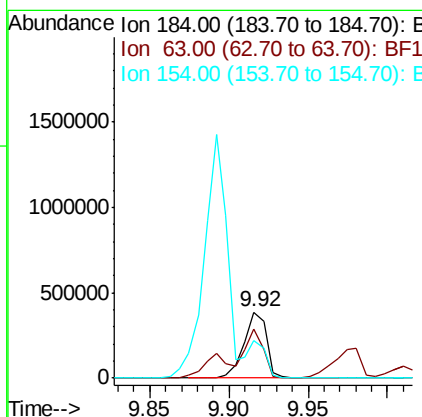
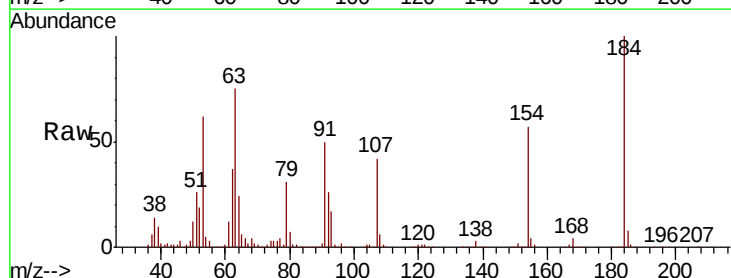
Manual Integrations  
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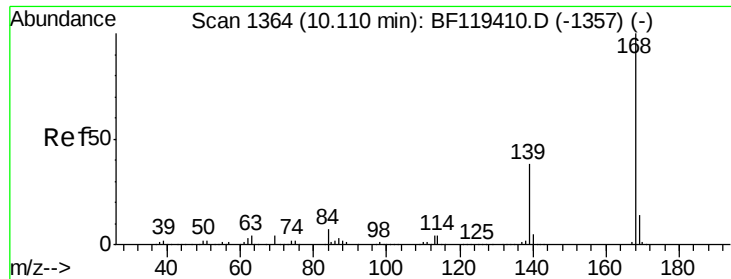
mohammad  
4/3/2020 11:14:48 PM



#54  
2,4-Dinitrophenol  
Concen: 115.158 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 383339 |       |       |
| 63      | 75.0  | 50.2   | 75.4  |       |
| 154     | 57.4  | 44.5   | 66.7  |       |





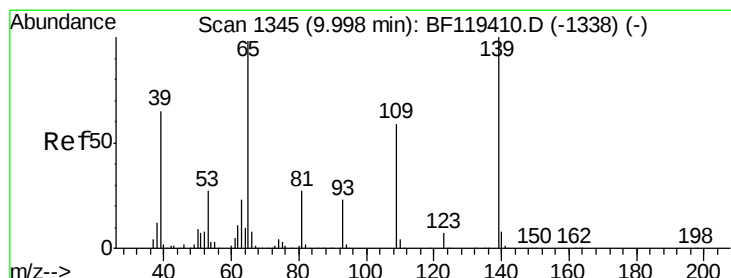
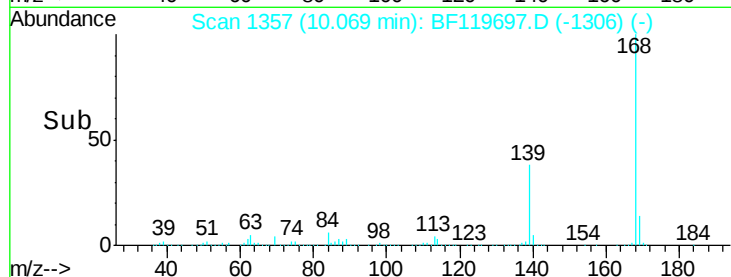
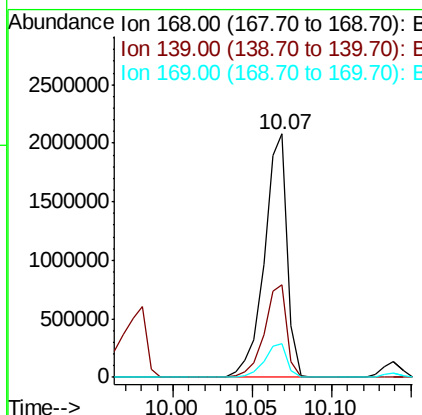
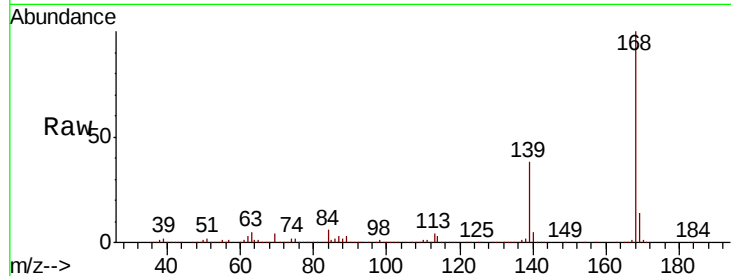
#55  
Dibenzofuran  
Concen: 47.604 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

Tot Ion:168 Resp: 2090136  
Ion Ratio Lower Upper  
168 100  
139 37.8 30.1 45.1  
169 13.8 11.0 16.6

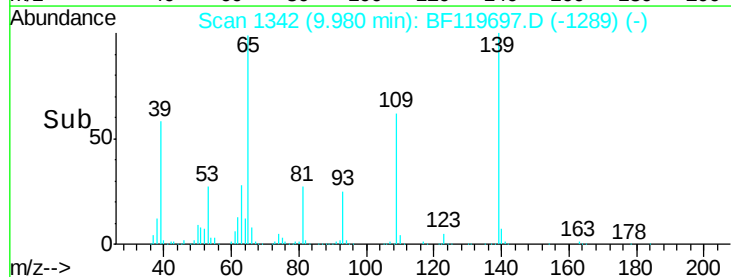
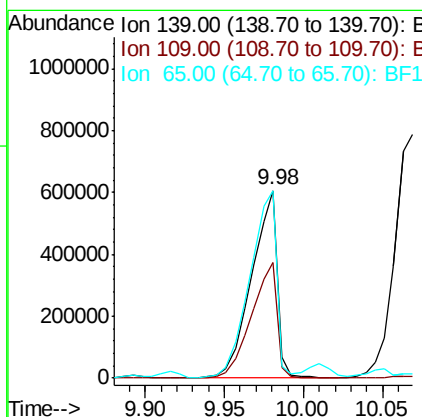
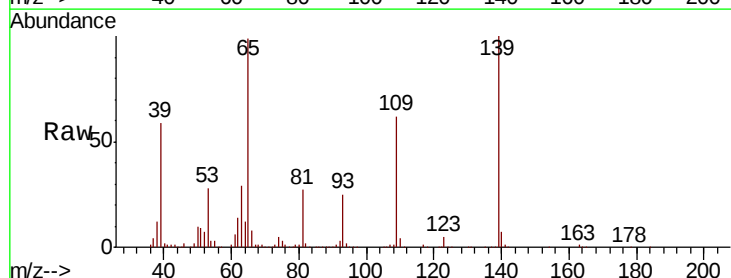
Manual Integrations  
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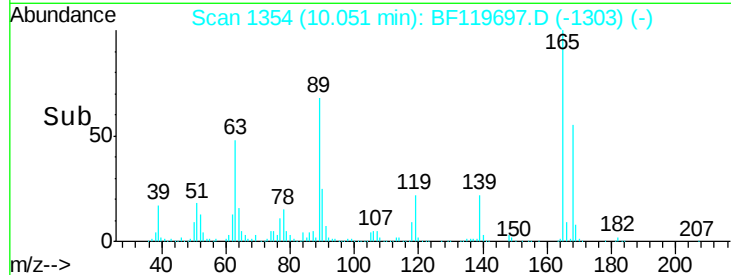
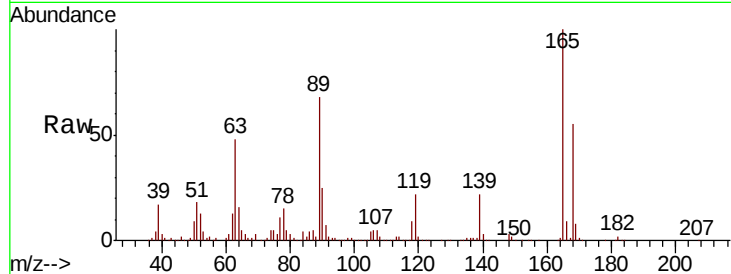
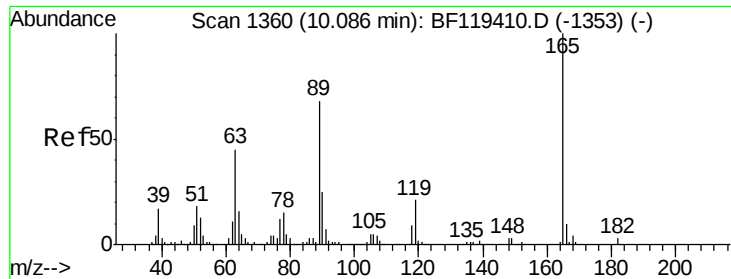
mohammad  
4/3/2020 11:14:48 PM



#56  
4-Nitrophenol  
Concen: 91.731 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Tgt Ion:139 Resp: 682001  
Ion Ratio Lower Upper  
139 100  
109 61.7 43.3 83.3  
65 99.4 91.0 131.0





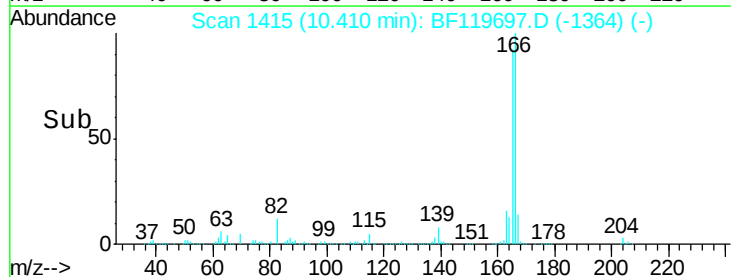
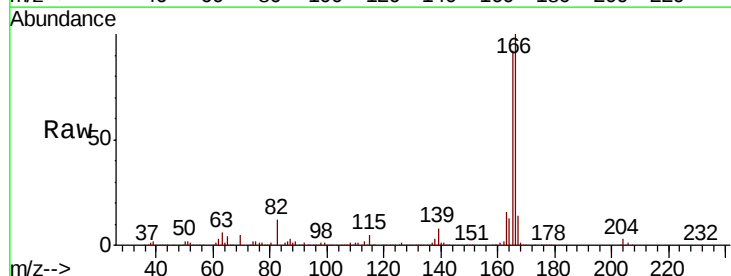
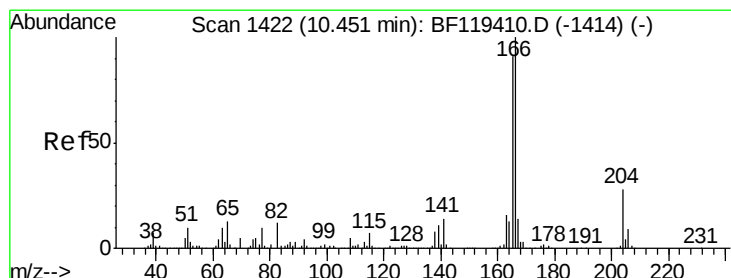
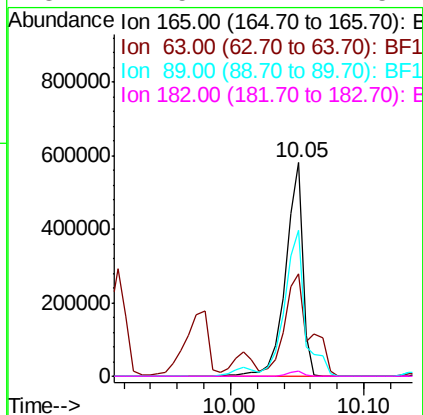
#57  
2,4-Dinitrotoluene  
Concen: 56.215 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 528650 |       |       |
| 63      | 48.0 |       | 42.6   | 64.0  |       |
| 89      | 68.4 |       | 61.0   | 91.4  |       |
| 182     | 2.5  |       | 2.2    | 3.2   |       |

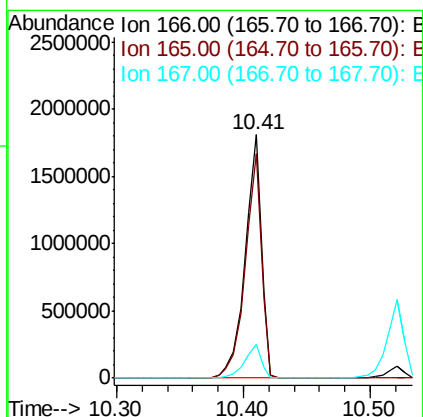
Manual Integrations  
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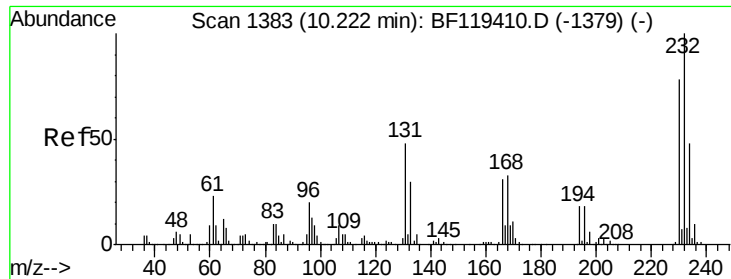
mohammad  
4/3/2020 11:14:48 PM



#58  
Fluorene  
Concen: 49.272 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 166     | 100  |       | 1599769 |       |       |
| 165     | 92.4 |       | 75.4    | 113.2 |       |
| 167     | 13.7 |       | 11.2    | 16.8  |       |





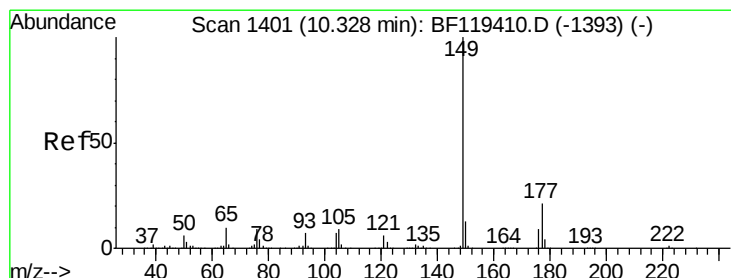
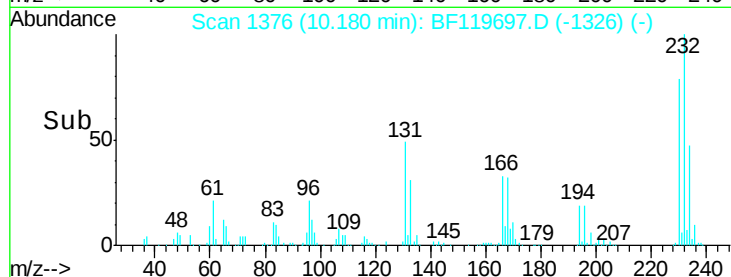
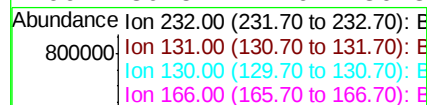
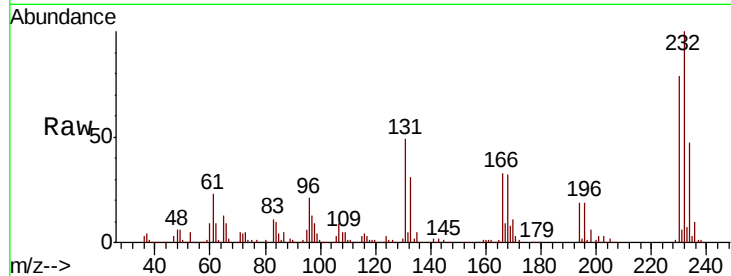
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.217 ng  
 RT: 10.18 min Scan# 1376  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.9  | 37.5  | 56.3  |
| 130     | 2.1   | 1.8   | 2.6   |
| 166     | 30.5  | 24.6  | 36.8  |

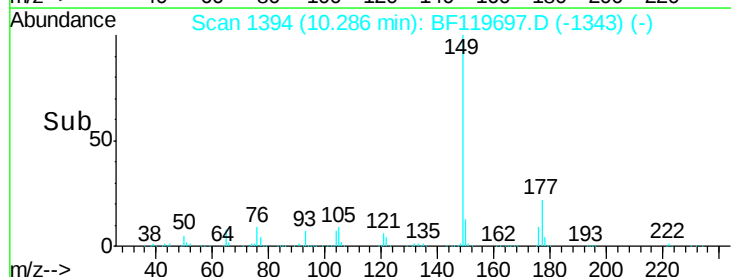
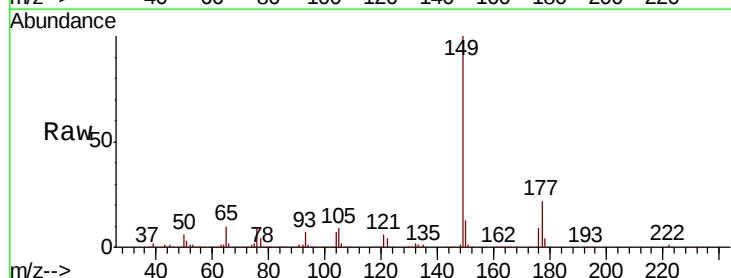
Manual Integrations  
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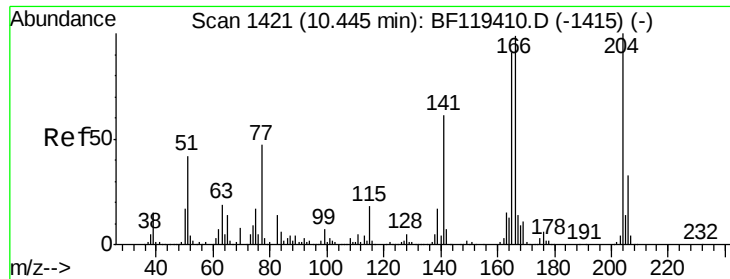
mohammad  
 4/3/2020 11:14:48 PM



#60  
 Diethylphthalate  
 Concen: 50.391 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.8  | 17.0  | 25.6  |
| 150     | 12.9  | 10.1  | 15.1  |





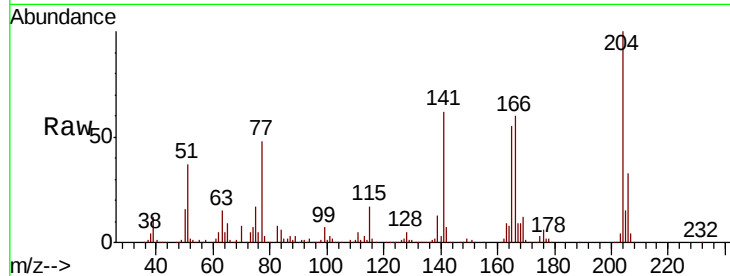
#61  
4-Chlorophenyl-phenylether  
Concen: 48.432 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.7  | 40.1  |
| 141     | 62.3  | 47.3  | 70.9  |

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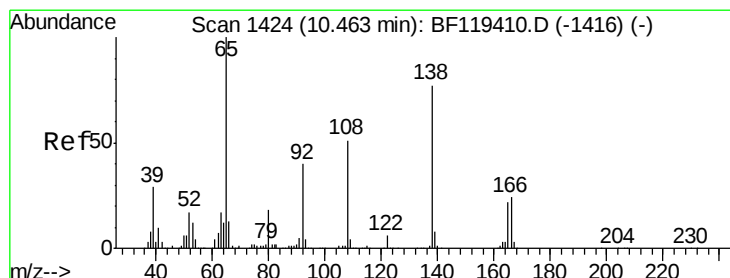
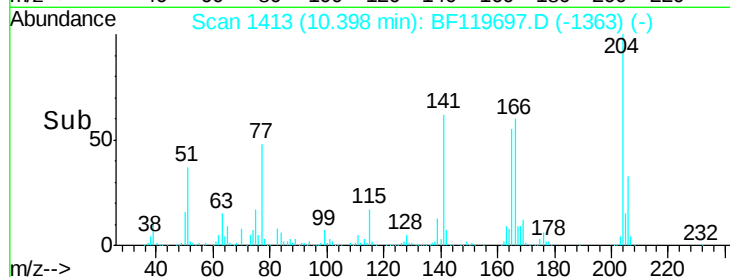
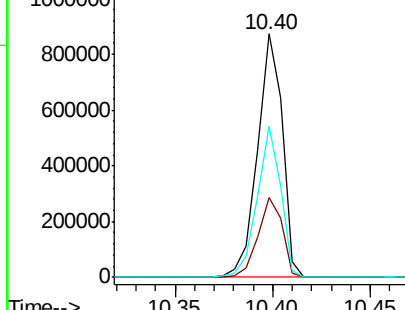


Abundance

Ion 204.00 (203.70 to 204.70): E

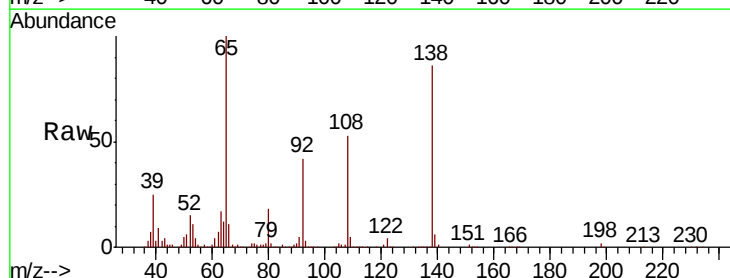
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 47.004 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.4  | 31.5  | 71.5  |
| 108     | 60.9  | 45.8  | 85.8  |

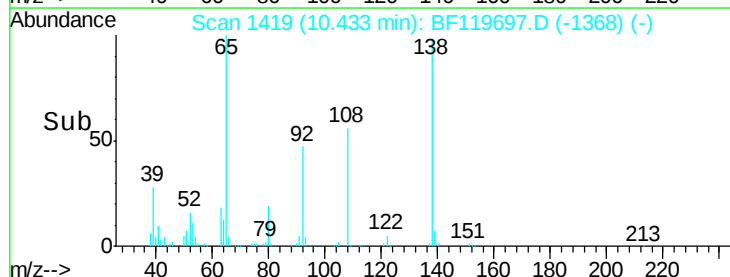
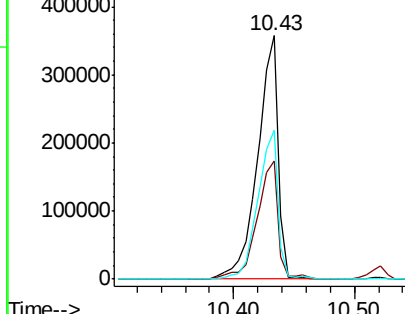


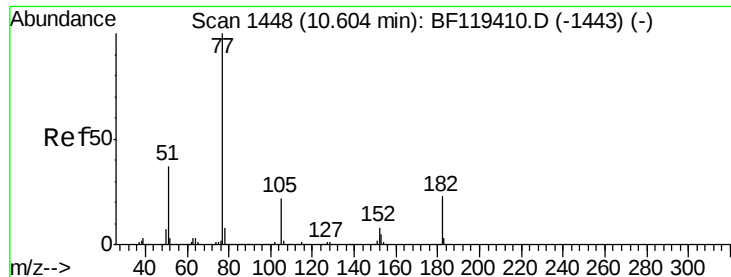
Abundance

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





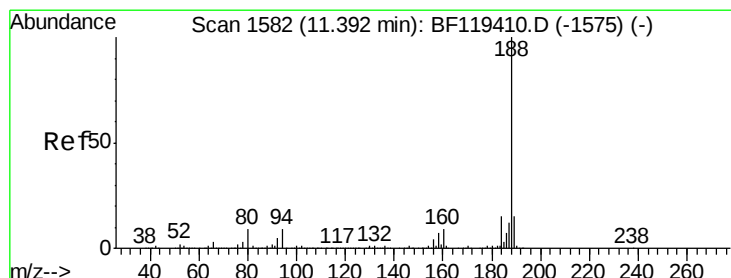
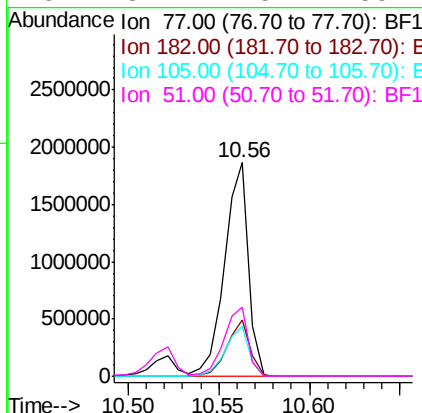
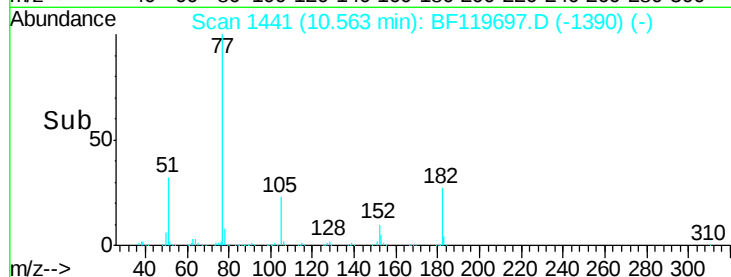
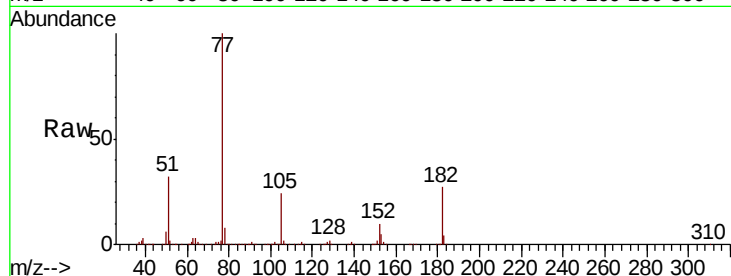
#63  
Azobenzene  
Concen: 47.820 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 26.5 | 4.4   | 44.4  |       |
| 105     | 23.6 | 2.6   | 42.6  |       |
| 51      | 32.1 | 15.1  | 55.1  |       |

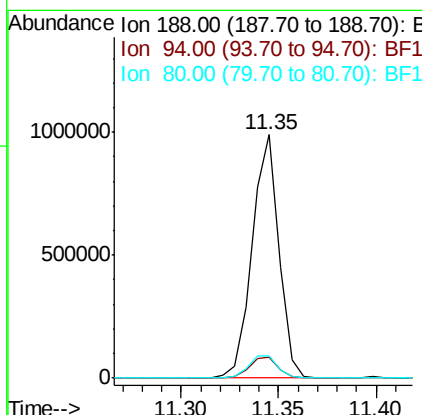
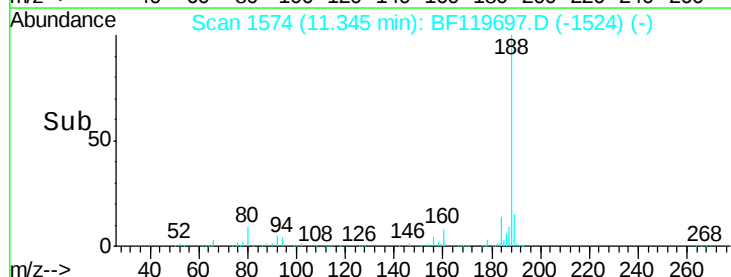
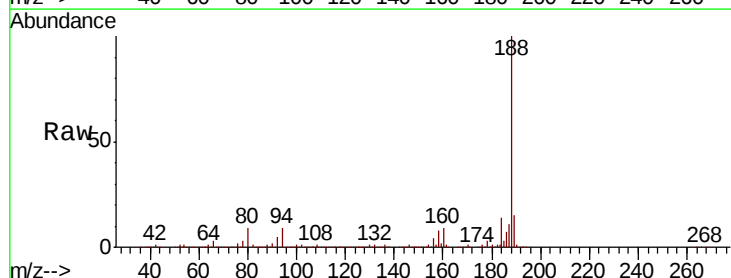
Manual Integrations  
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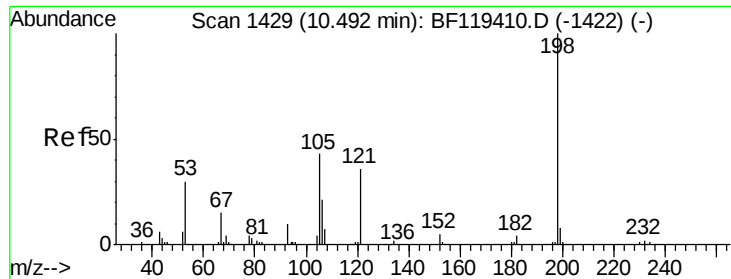
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.35 min Scan# 1574  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 8.6 | 7.5   | 11.3  |       |
| 80      | 9.2 | 9.0   | 13.4  |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 68.783 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

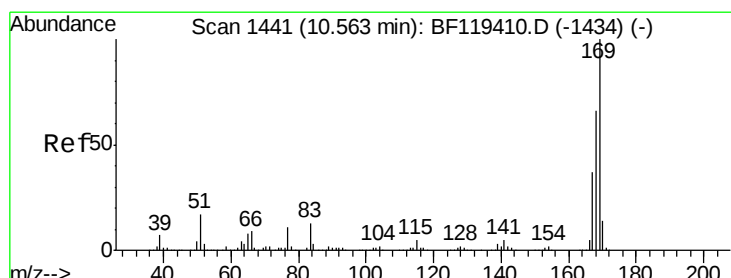
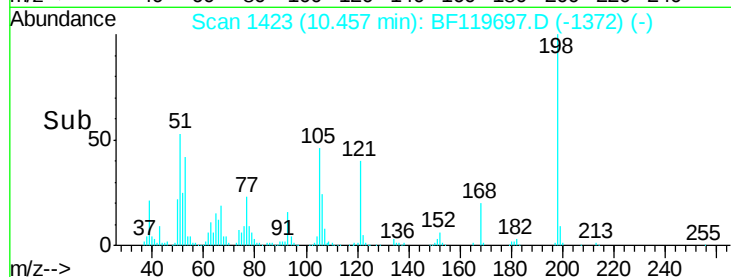
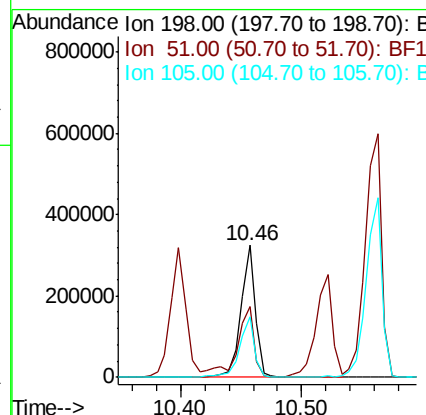
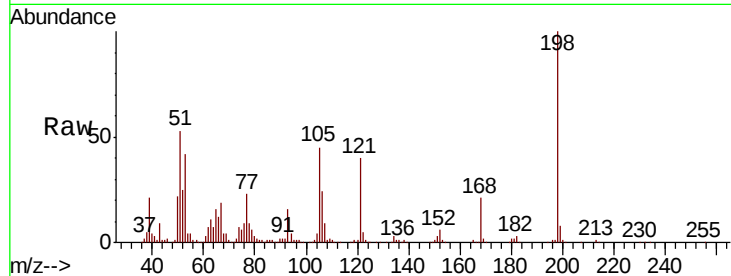
ClientSampleId :

SB-3J-(5-7)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 270610 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 53.2  | 29.0  | 69.0   |
| 105       | 45.5  | 22.2  | 62.2   |

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#66

n-Nitrosodiphenylamine

Concen: 48.454 ng

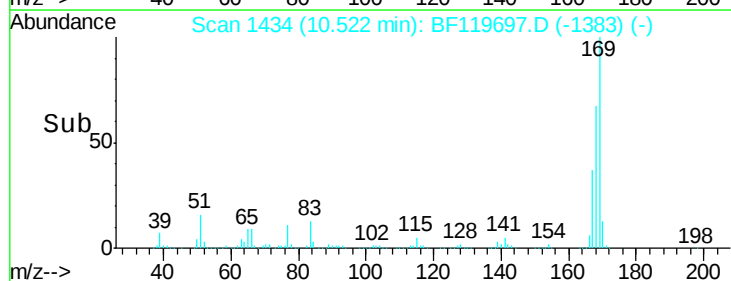
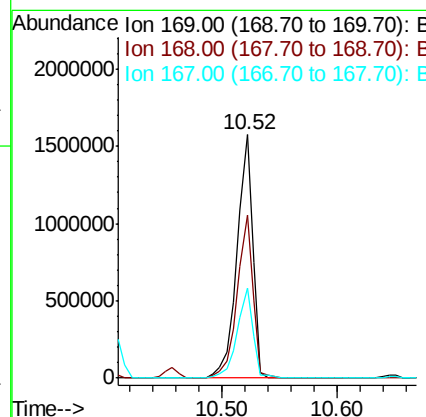
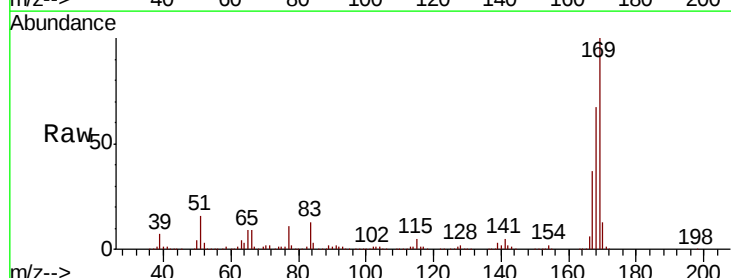
RT: 10.52 min Scan# 1434

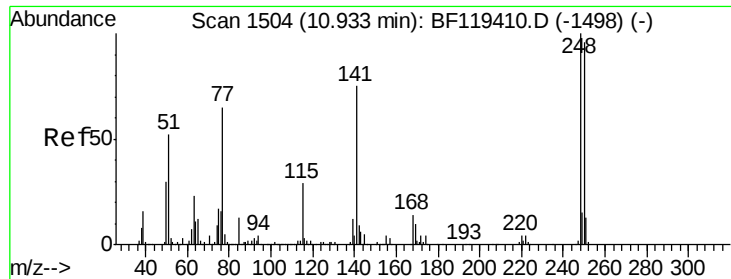
Delta R.T. 0.00 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 1492409 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 67.0  | 53.2  | 79.8    |
| 167       | 37.2  | 29.1  | 43.7    |





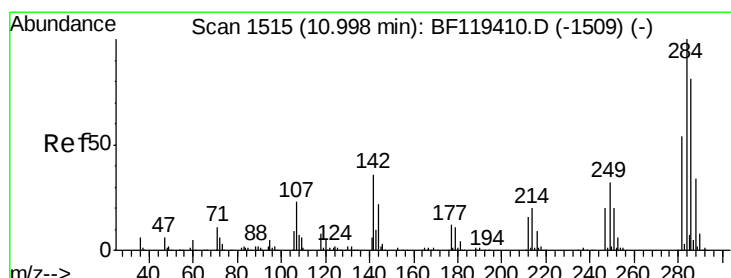
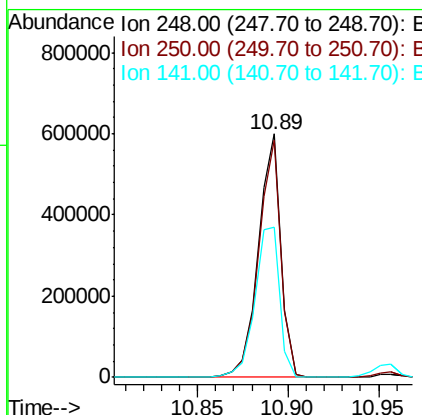
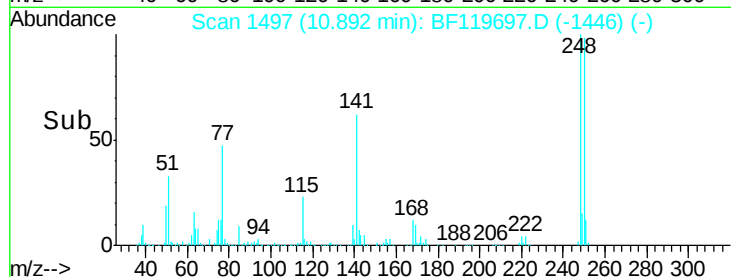
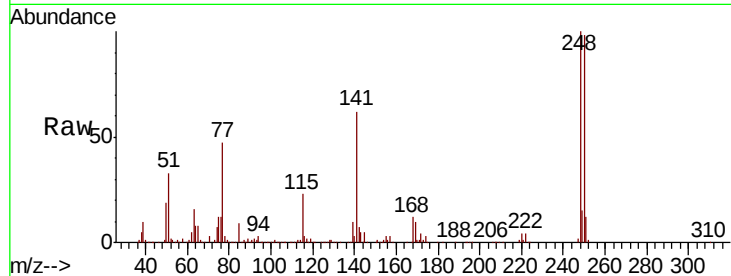
#67  
4-Bromophenyl-phenylether  
Concen: 48.500 ng  
RT: 10.89 min Scan# 1497  
Delta R.T. 0.00 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.5  | 77.3  | 115.9 |
| 141     | 61.7  | 58.6  | 87.8  |

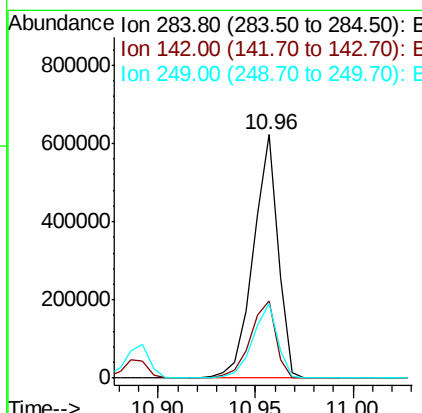
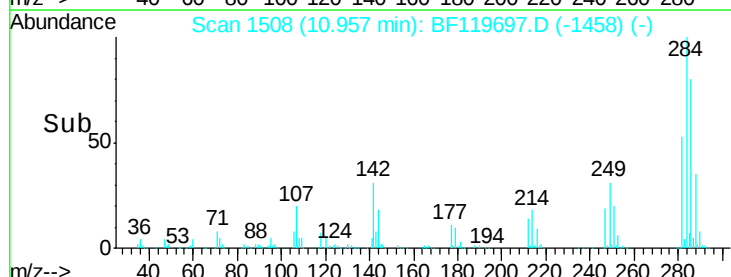
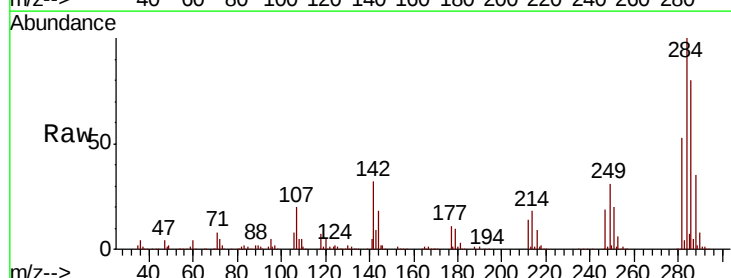
Manual Integrations  
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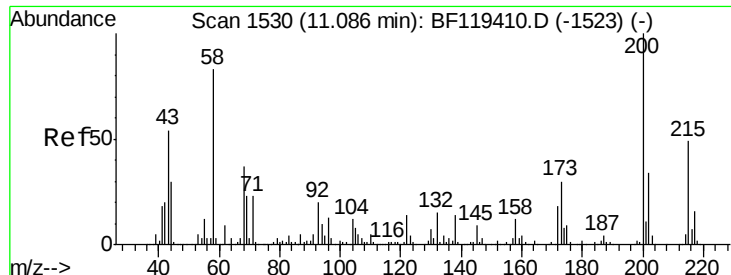
mohammad  
4/3/2020 11:14:48 PM



#68  
Hexachlorobenzene  
Concen: 49.947 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.6  | 29.2  | 43.8  |
| 249     | 30.8  | 25.1  | 37.7  |





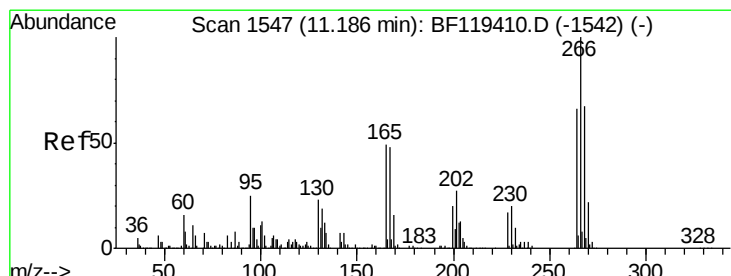
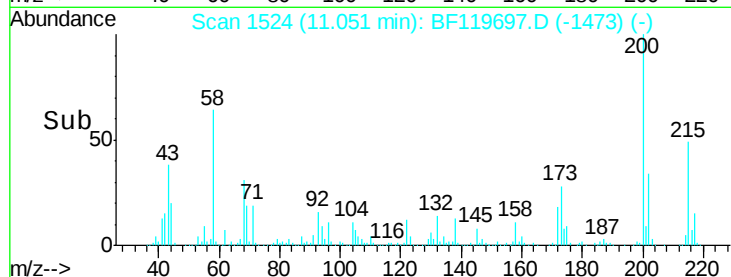
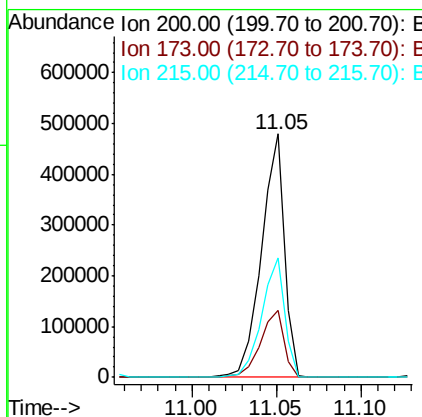
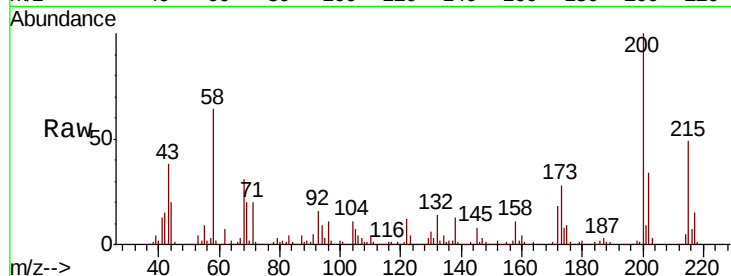
#69  
 Atrazine  
 Concen: 53.643 ng  
 RT: 11.05 min Scan# 1524  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.5  | 9.3   | 49.3  |
| 215     | 49.3  | 29.5  | 69.5  |

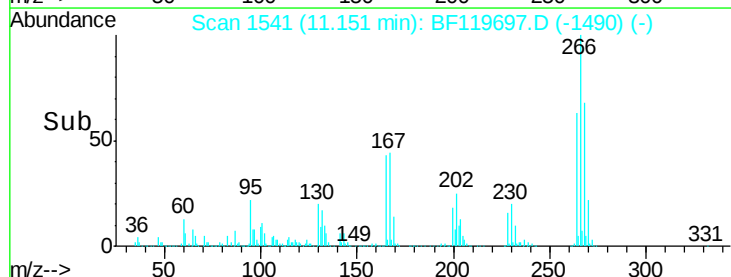
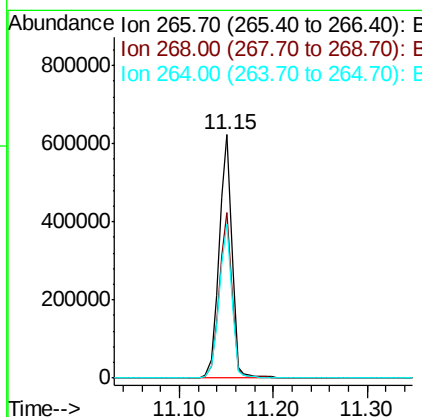
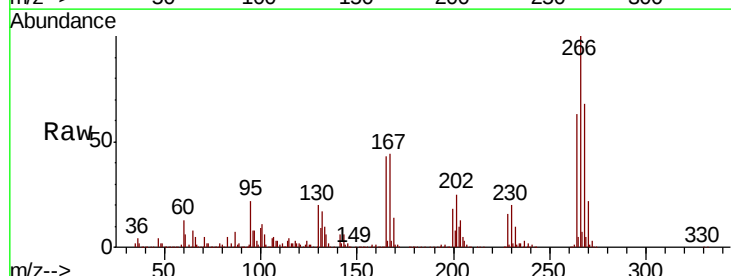
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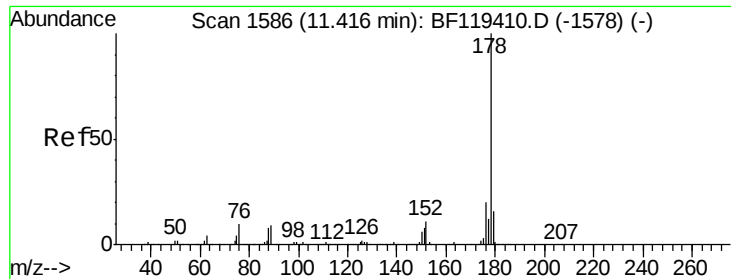
mohammad  
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#70  
 Pentachlorophenol  
 Concen: 93.514 ng  
 RT: 11.15 min Scan# 1541  
 Delta R.T. 0.00 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 68.1  | 53.3  | 79.9  |
| 264     | 63.2  | 49.0  | 73.4  |





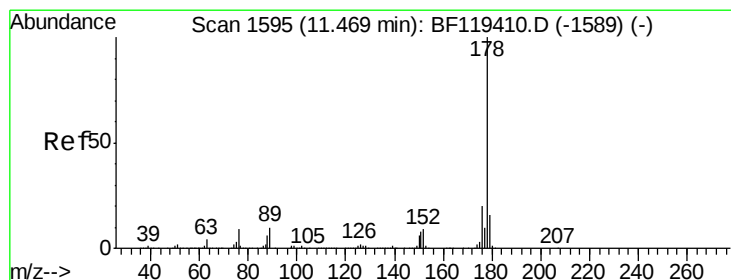
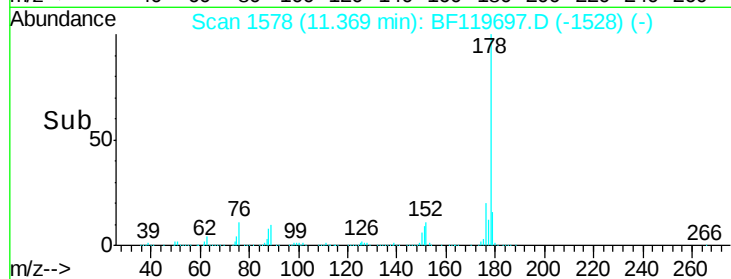
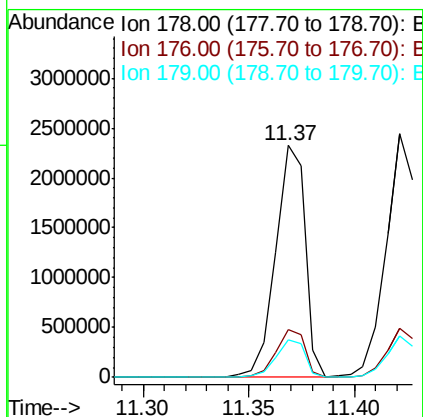
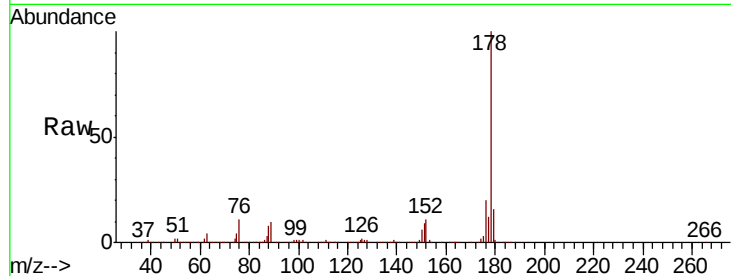
#71  
Phenanthrene  
Concen: 46.885 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

Tot Ion:178 Resp: 2280917  
Ion Ratio Lower Upper  
178 100  
176 20.4 16.2 24.4  
179 16.4 13.2 19.8

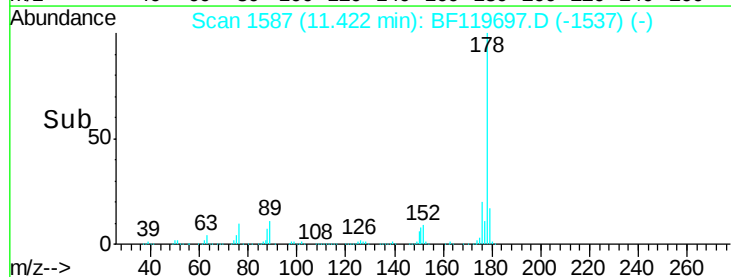
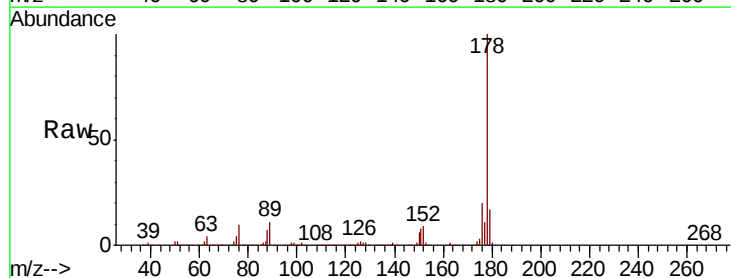
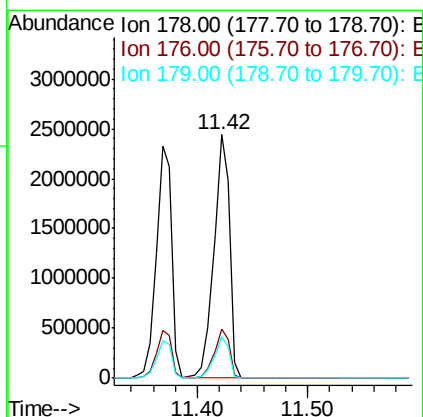
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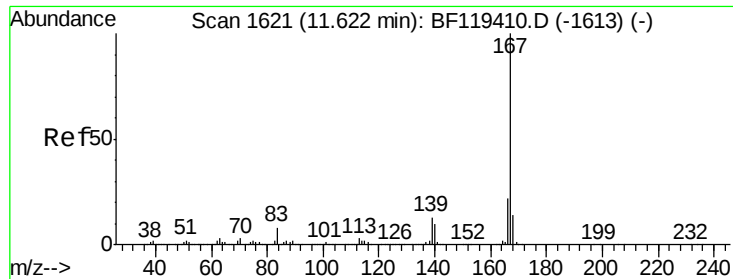
mohammad  
4/3/2020 11:14:48 PM



#72  
Anthracene  
Concen: 47.786 ng  
RT: 11.42 min Scan# 1587  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Tgt Ion:178 Resp: 2362742  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.1 24.1  
179 16.8 13.0 19.4





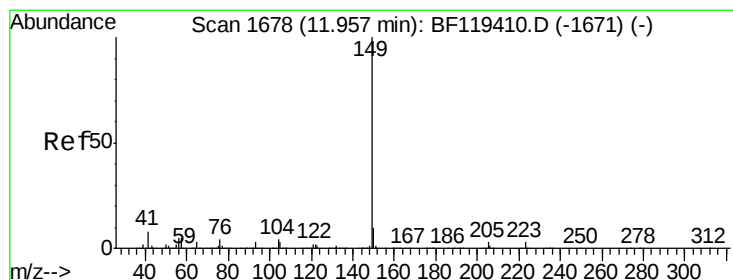
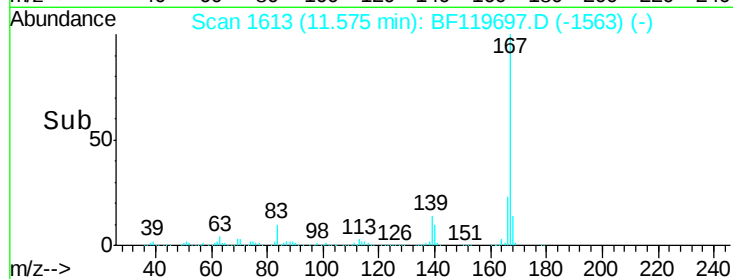
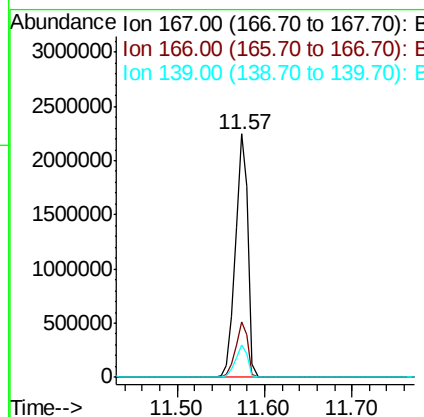
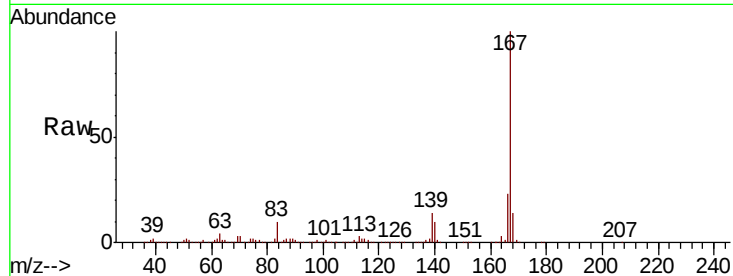
#73  
 Carbazole  
 Concen: 45.231 ng  
 RT: 11.57 min Scan# 1613  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.6  | 18.2  | 27.4  |
| 139     | 13.5  | 10.7  | 16.1  |

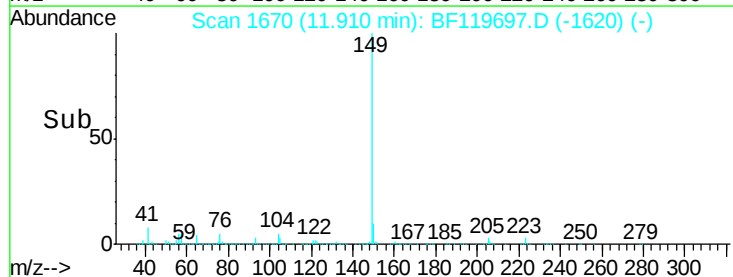
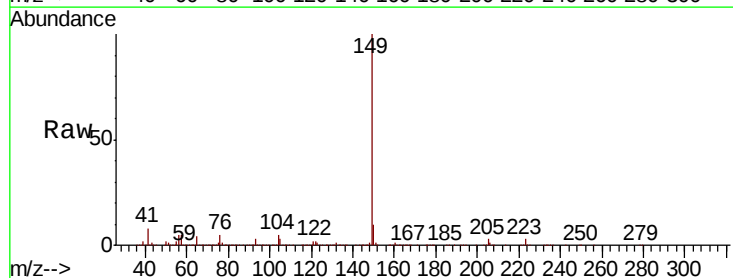
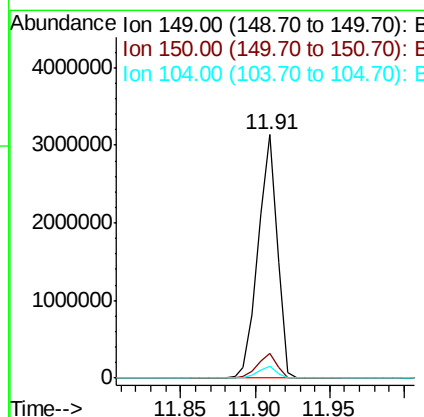
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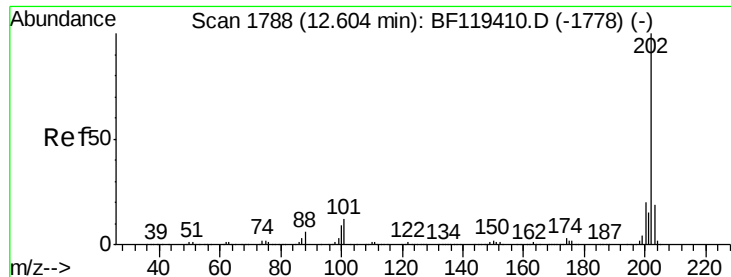
mohammad  
 4/3/2020 11:14:48 PM



#74  
 Di-n-butylphthalate  
 Concen: 52.590 ng  
 RT: 11.91 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 7.8   | 11.8  |
| 104     | 4.7   | 3.6   | 5.4   |





#75

Fluoranthene

Concen: 47.732 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

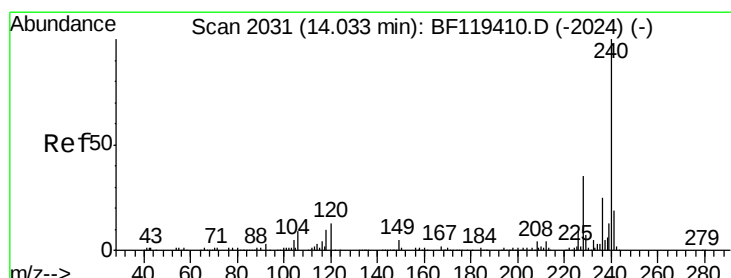
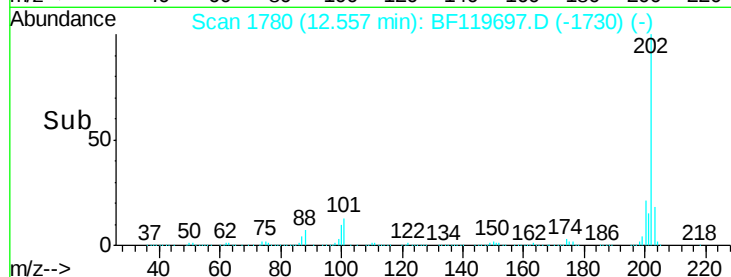
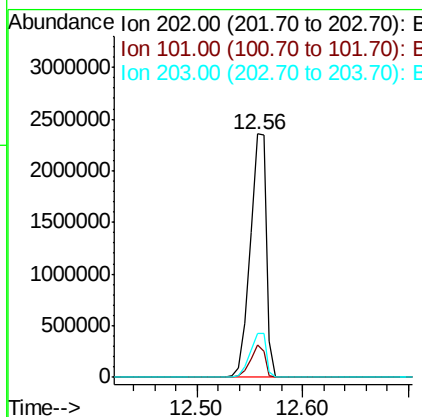
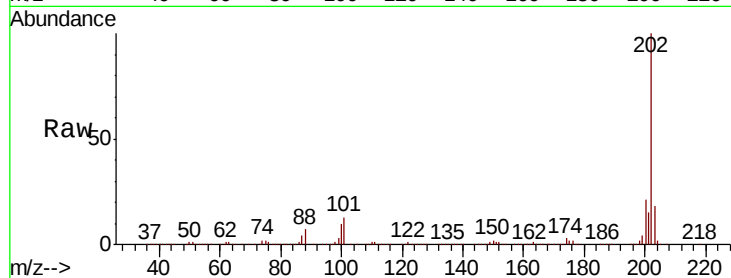
ClientSampleId :

SB-3J-(5-7)MSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 2513095 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 13.4  | 0.0   | 32.2    |
| 203      | 18.3  | 0.0   | 38.8    |

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#76

Chrysene-d12

Concen: 20.000 ng

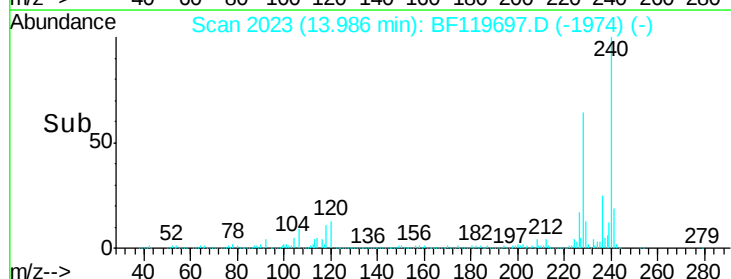
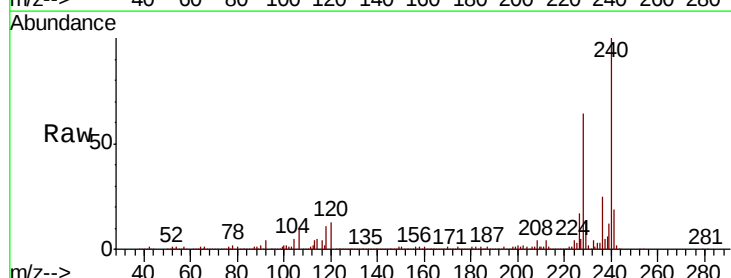
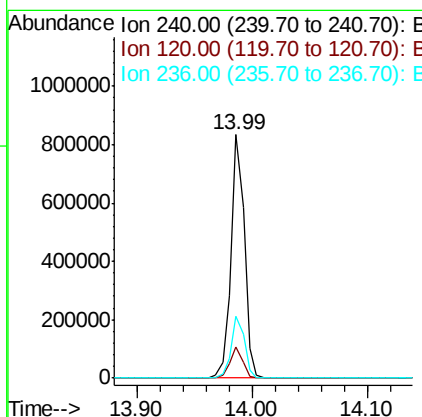
RT: 13.99 min Scan# 2023

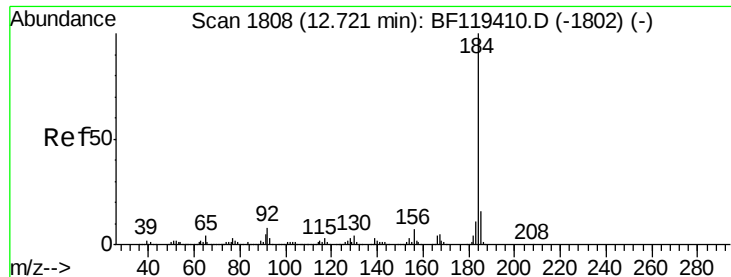
Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 667064 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 12.9  | 10.6  | 15.8   |
| 236      | 25.5  | 20.2  | 30.2   |





#77

Benzidine

Concen: 36.507 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

ClientSampleId :

SB-3J-(5-7)MSD

Tot Ion:184 Resp: 1030617

Ion Ratio Lower Upper

184 100

185 14.1 12.3 18.5

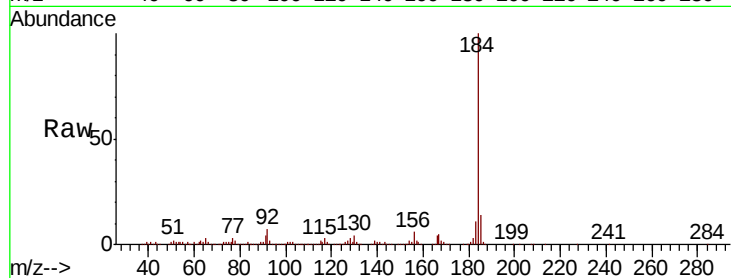
183 11.0 9.0 13.6

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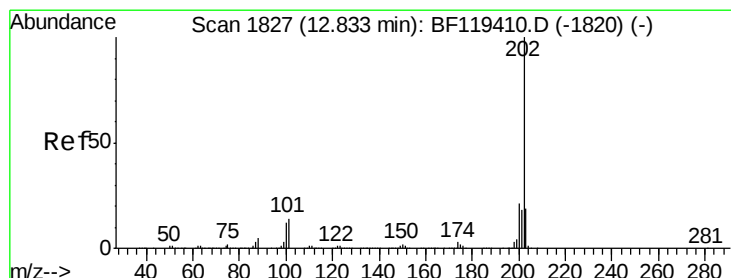
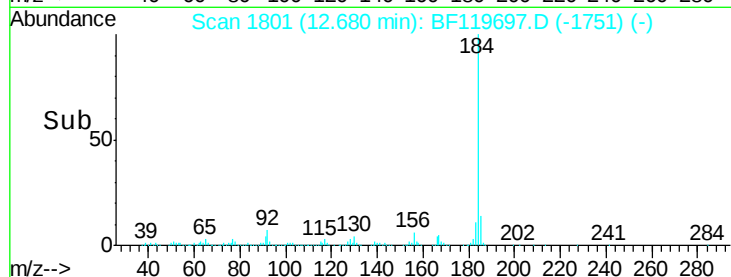
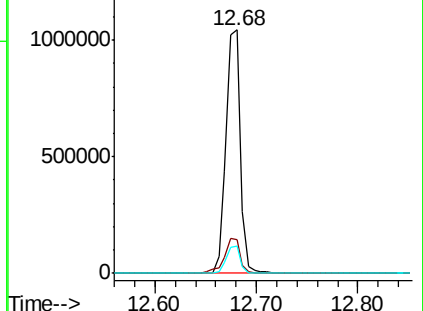
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.845 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

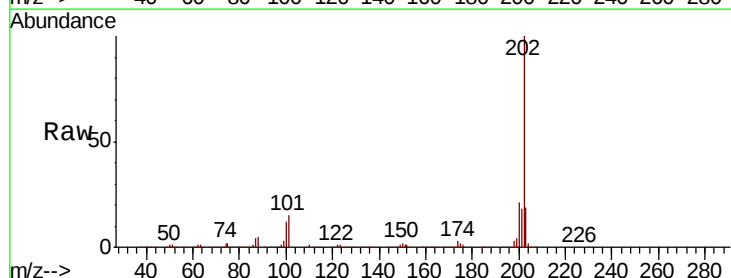
Tgt Ion:202 Resp: 2509822

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

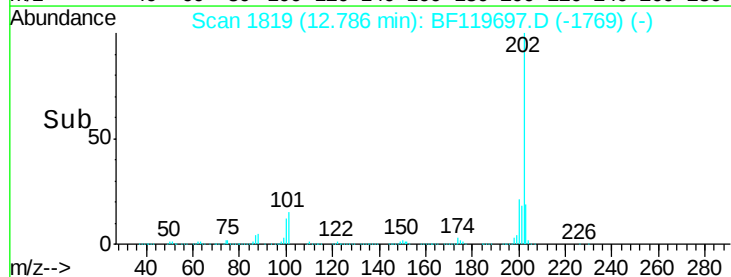
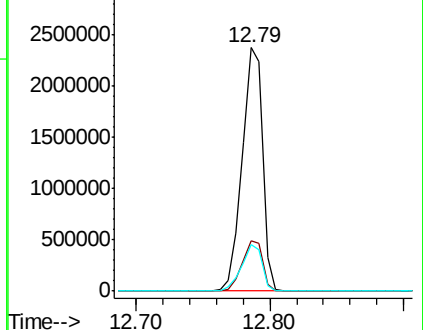
203 19.0 15.1 22.7

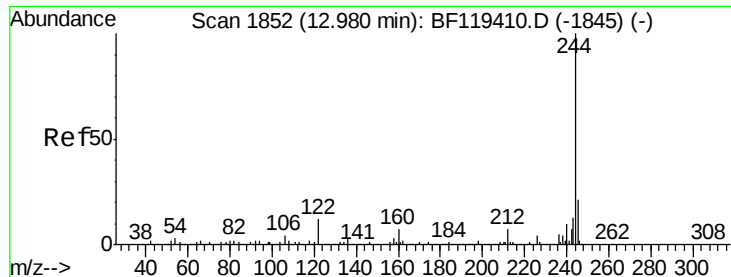


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.737 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

ClientSampleId :

SB-3J-(5-7)MSD

Tot Ion:244 Resp: 2919142

Ion Ratio Lower Upper

244 100

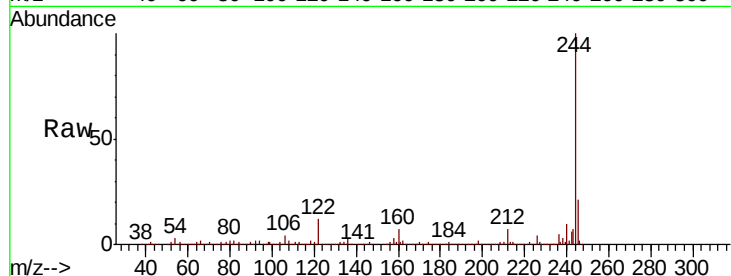
212 6.9 5.8 8.8

122 12.3 10.3 15.5

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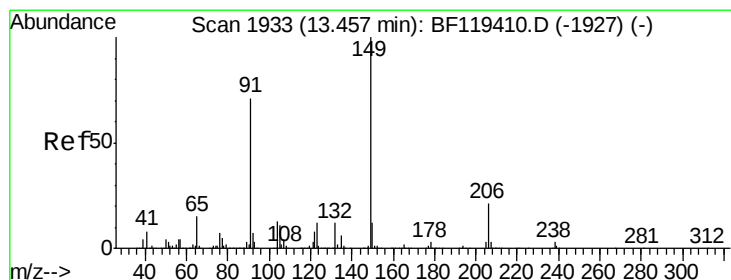
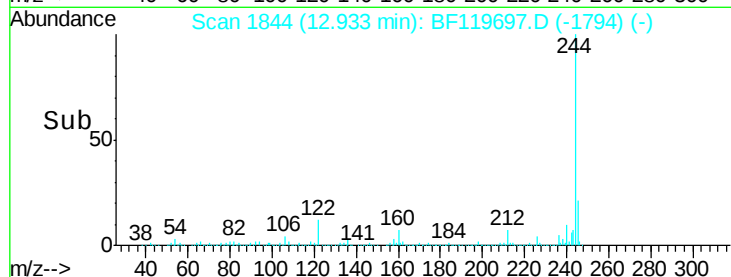
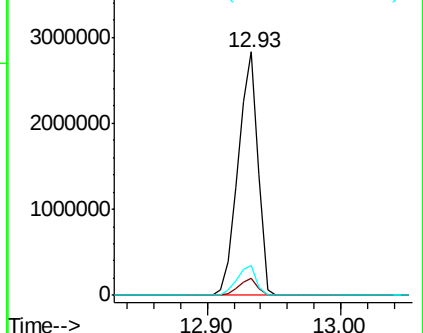
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.583 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

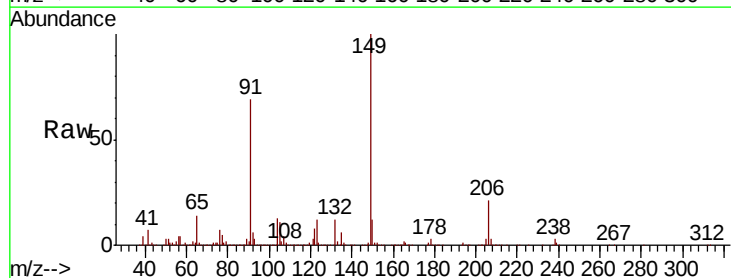
Tgt Ion:149 Resp: 1186440

Ion Ratio Lower Upper

149 100

91 69.5 54.7 82.1

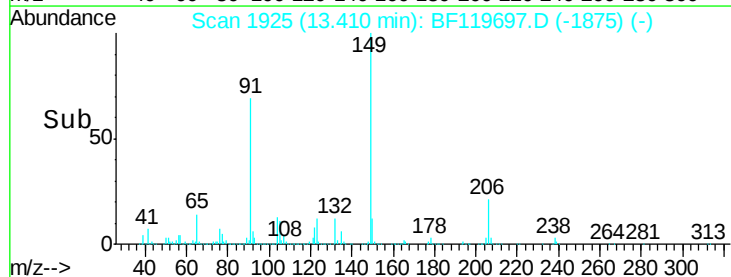
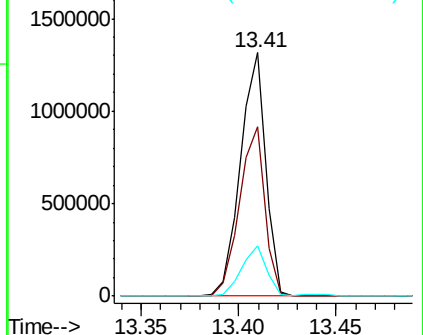
206 20.8 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.158 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

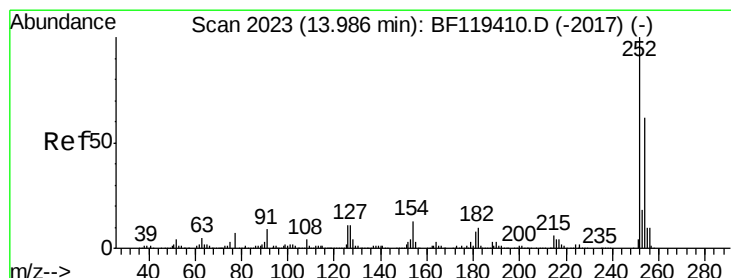
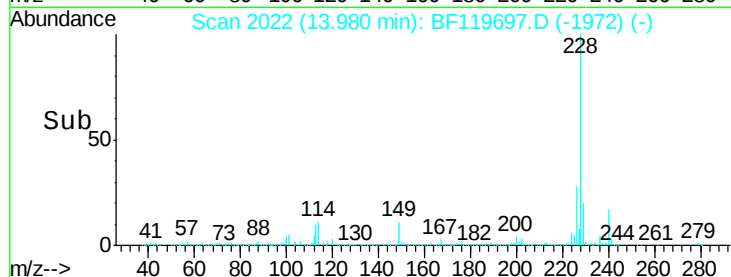
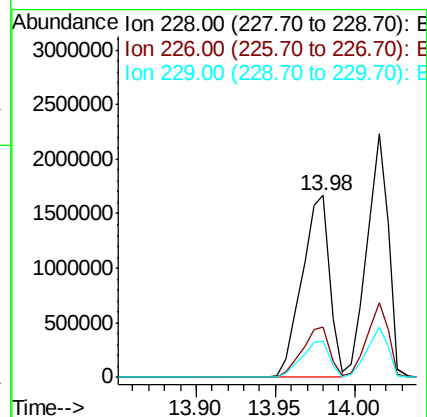
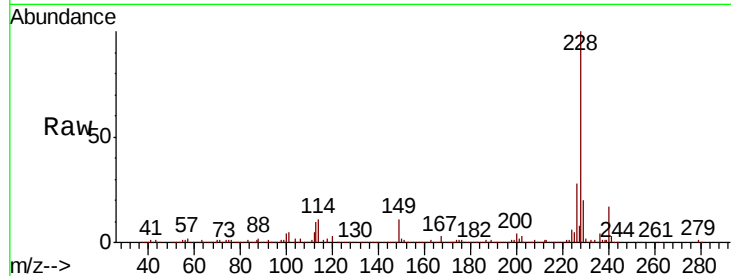
ClientSampleId :

SB-3J-(5-7)MSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 2002254 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 27.7  | 21.8  | 32.8    |
| 229      | 20.2  | 16.2  | 24.4    |

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#82

3,3'-Dichlorobenzidine

Concen: 17.185 ng

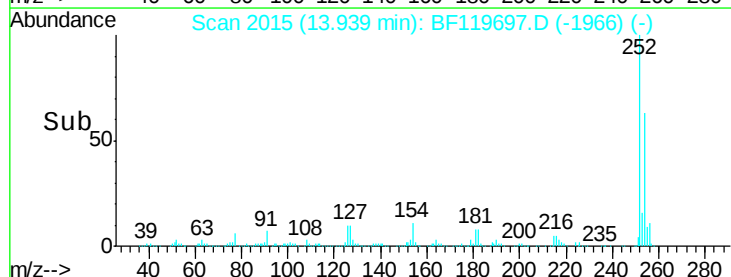
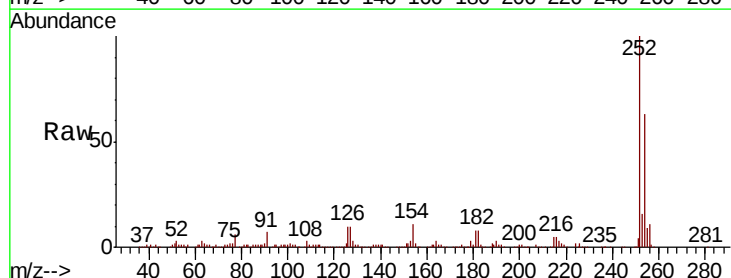
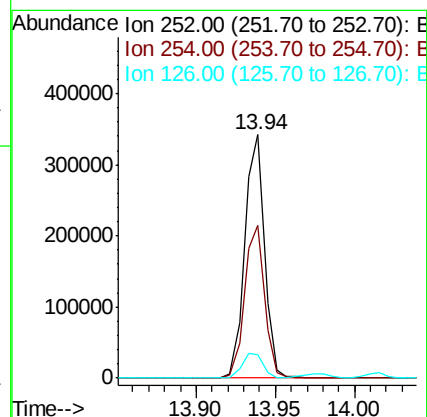
RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 293929 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 254      | 62.9  | 51.2  | 76.8   |
| 126      | 9.9   | 9.6   | 14.4   |





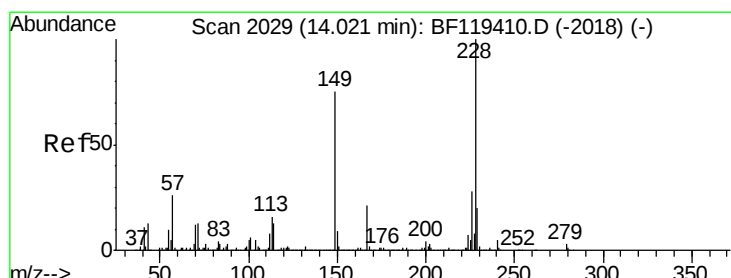
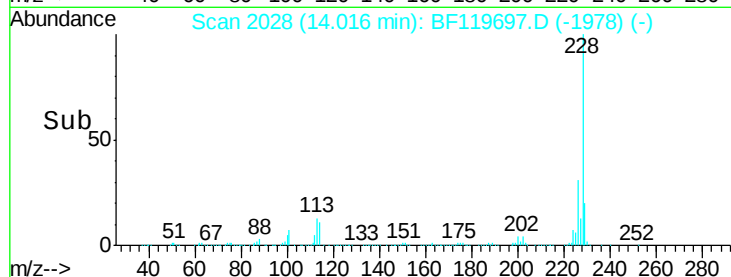
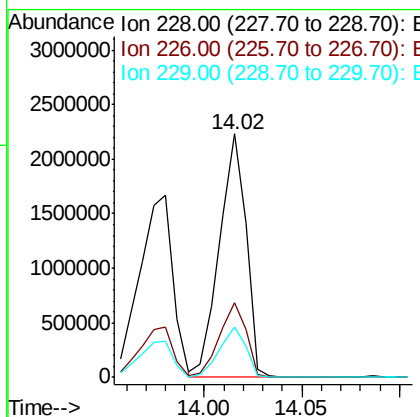
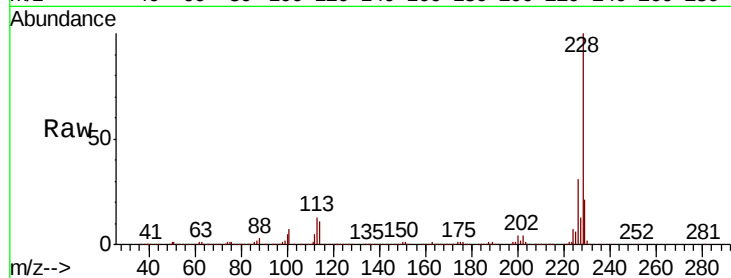
#83  
 Chrvsene  
 Concen: 47.294 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-3J-(5-7)MSD

Tot Ion:228 Resp: 2117255  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 25.4 38.0  
 229 20.5 16.6 24.8

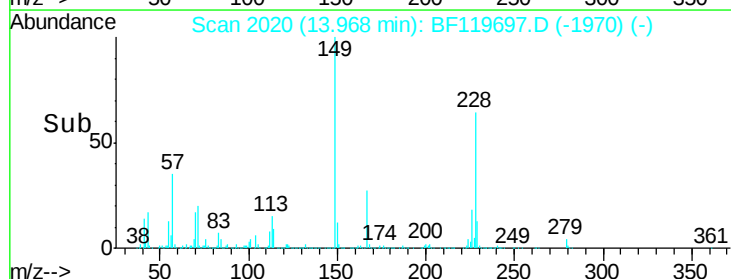
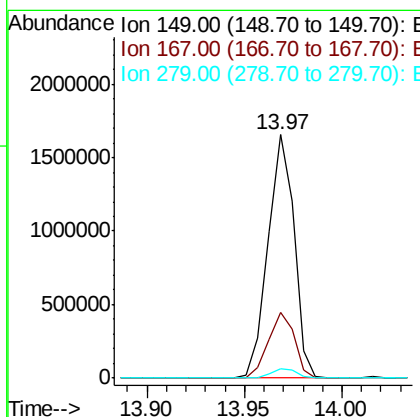
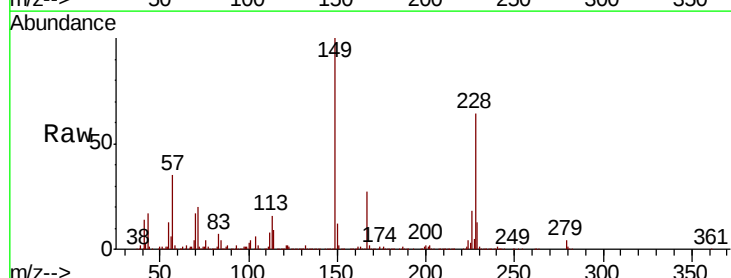
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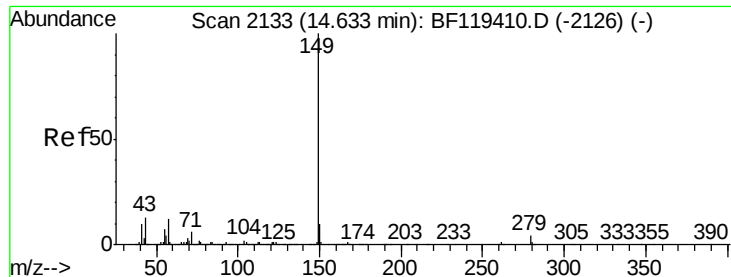
mohammad  
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 58.317 ng  
 RT: 13.97 min Scan# 2020  
 Delta R.T. -0.01 min  
 Lab File: BF119697.D  
 Acq: 2 Apr 2020 5:19

Tgt Ion:149 Resp: 1539286  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 21.3 31.9  
 279 3.9 2.7 4.1





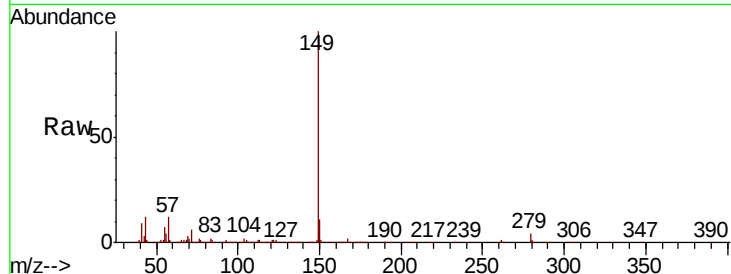
#85  
Di-n-octyl phthalate  
Concen: 60.763 ng  
RT: 14.58 min Scan# 2124  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

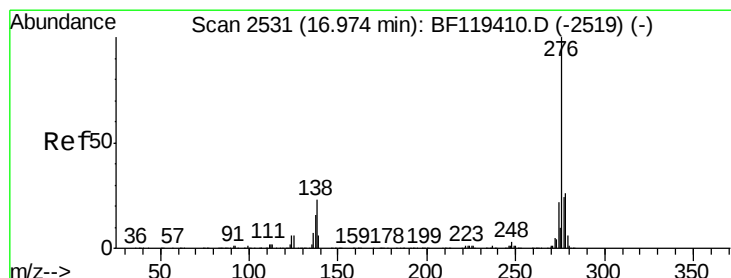
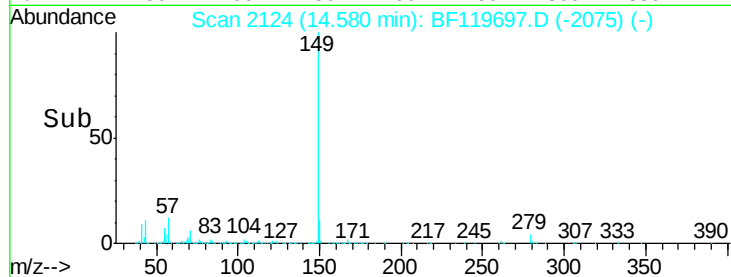
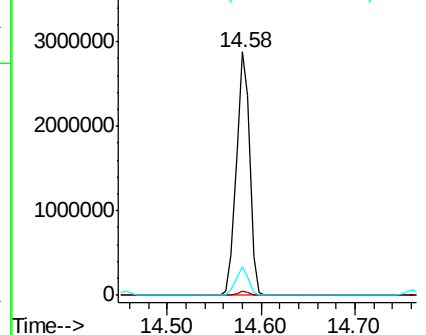
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.2   | 1.8   |
| 43      | 11.0  | 9.3   | 13.9  |

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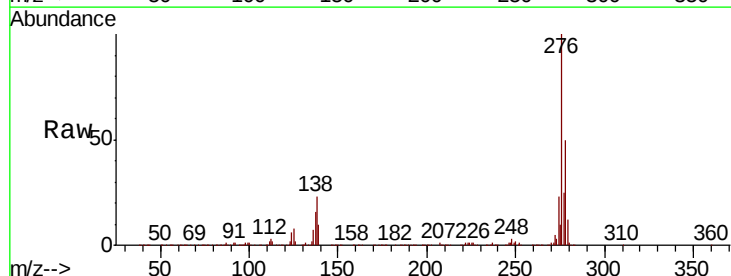


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

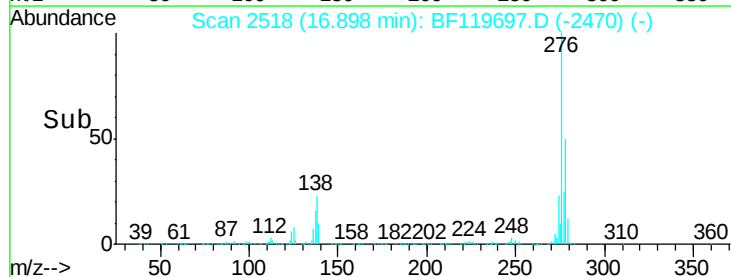
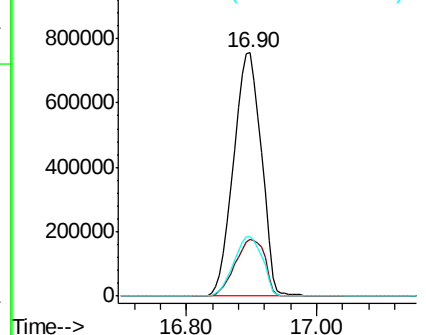


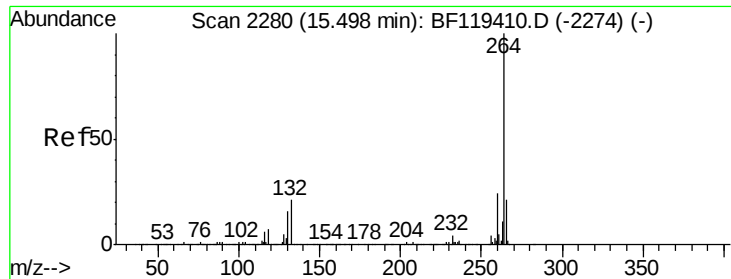
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.109 ng  
RT: 16.90 min Scan# 2518  
Delta R.T. -0.02 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.0  | 19.6  | 29.4  |
| 277     | 25.4  | 20.0  | 30.0  |



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: 15.44 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

Instrument :

BNA\_F

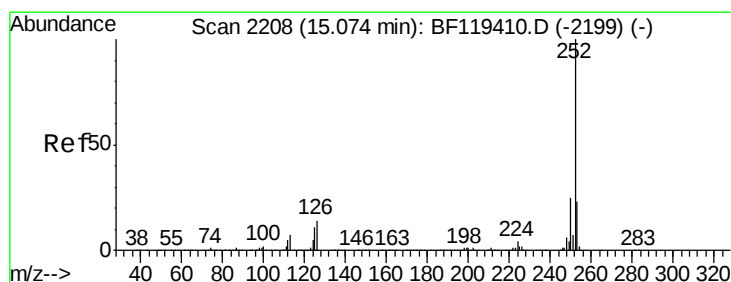
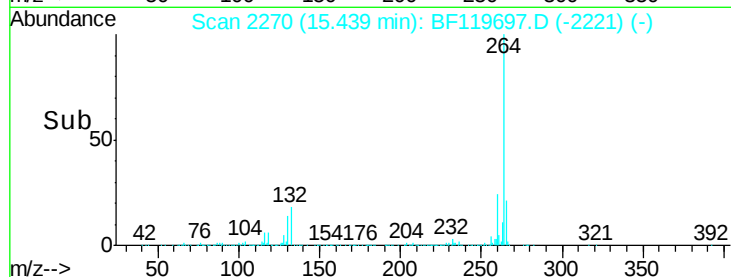
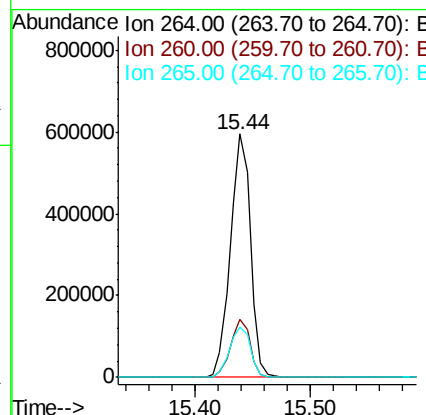
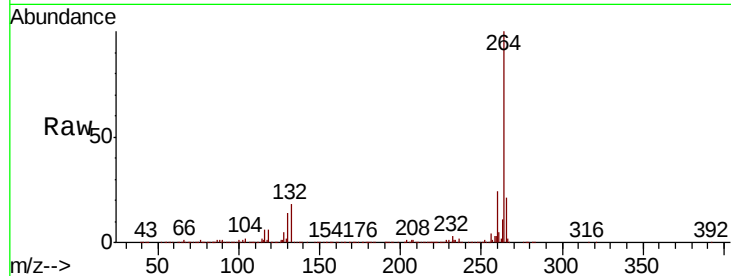
ClientSampleId :

SB-3J-(5-7)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 715818 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.0  | 18.7  | 28.1   |
| 265       | 20.5  | 17.7  | 26.5   |

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#88

Benzo(b)fluoranthene

Concen: 46.515 ng

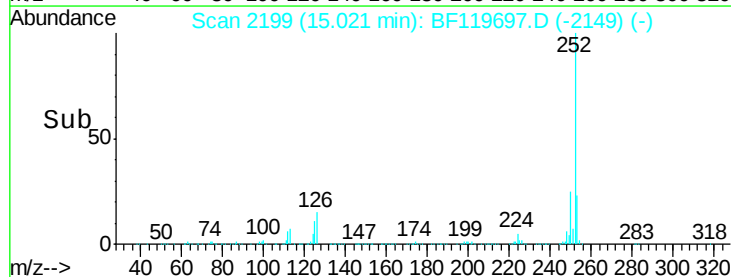
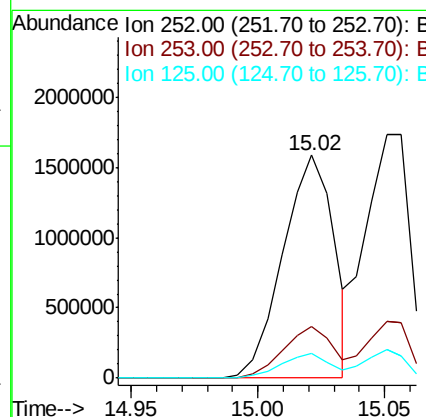
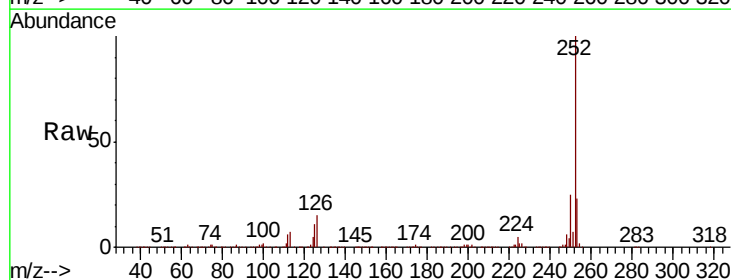
RT: 15.02 min Scan# 2199

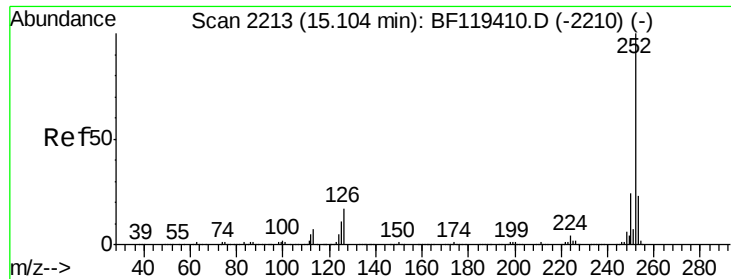
Delta R.T. -0.01 min

Lab File: BF119697.D

Acq: 2 Apr 2020 5:19

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 2224188 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.9  | 17.4  | 26.0    |
| 125       | 10.9  | 7.9   | 11.9    |





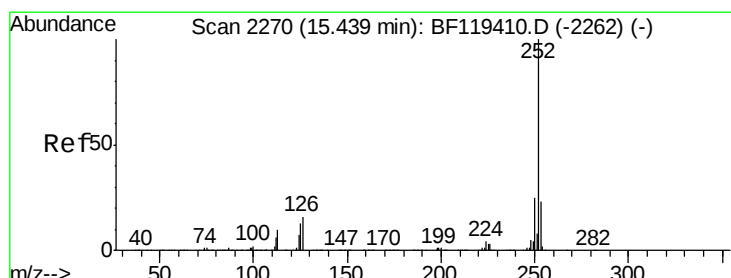
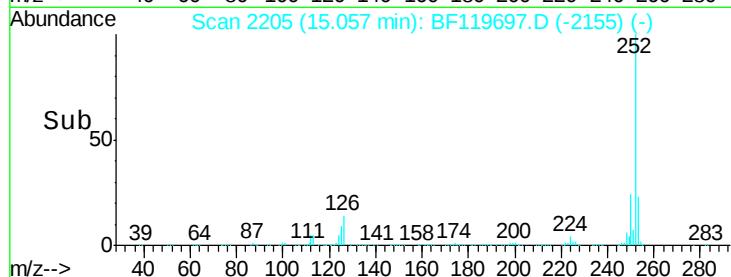
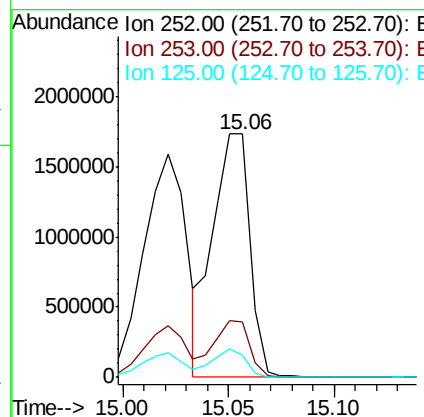
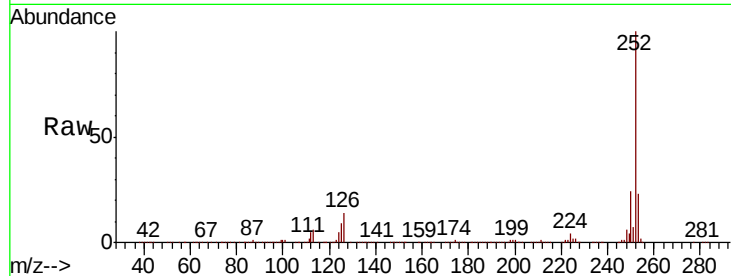
#89  
Benzo(k)fluoranthene  
Concen: 46.318 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.8  | 26.6  |
| 125     | 9.3   | 8.4   | 12.6  |

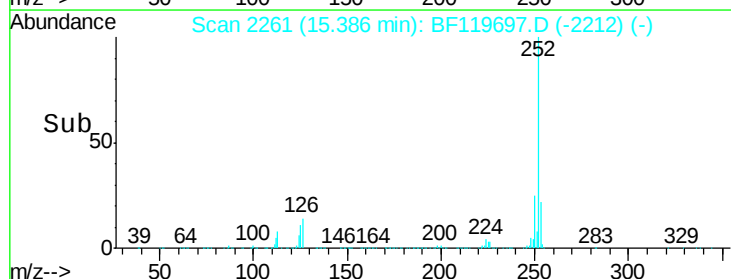
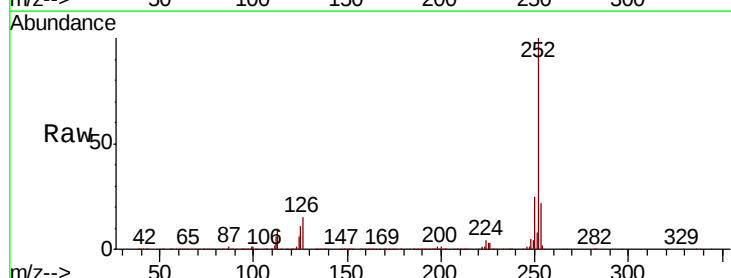
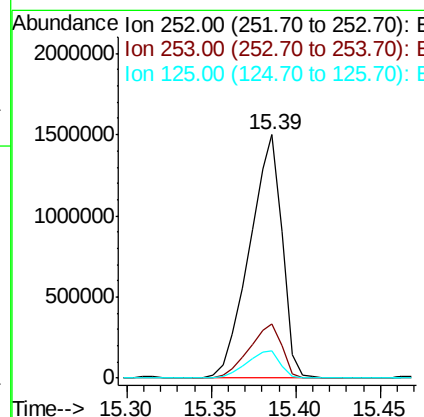
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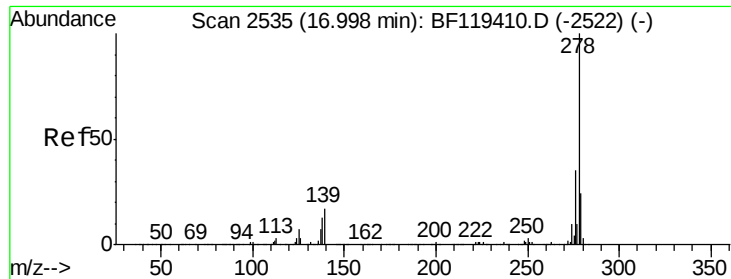
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#90  
Benzo(a)pyrene  
Concen: 46.459 ng  
RT: 15.39 min Scan# 2261  
Delta R.T. -0.01 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.2  | 27.2  |
| 125     | 11.1  | 9.4   | 14.2  |





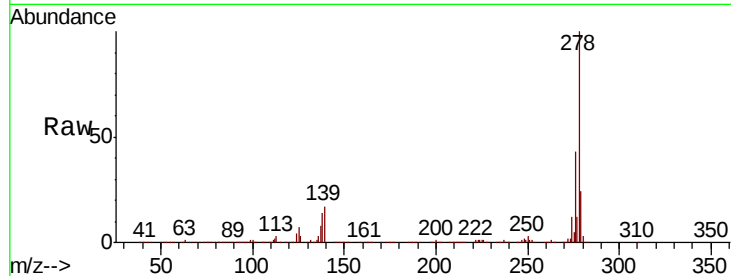
#91  
Dibenzo(a,h)anthracene  
Concen: 48.682 ng  
RT: 16.92 min Scan# 2521  
Delta R.T. -0.02 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Instrument :  
BNA\_F  
ClientSampleId :  
SB-3J-(5-7)MSD

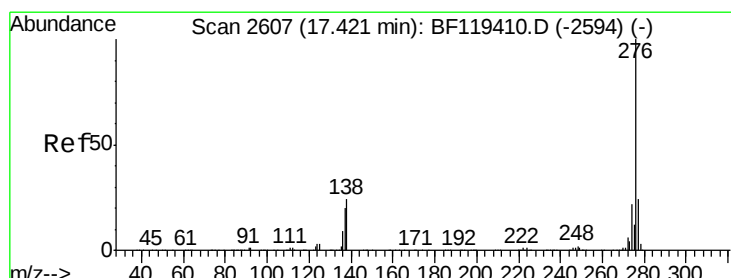
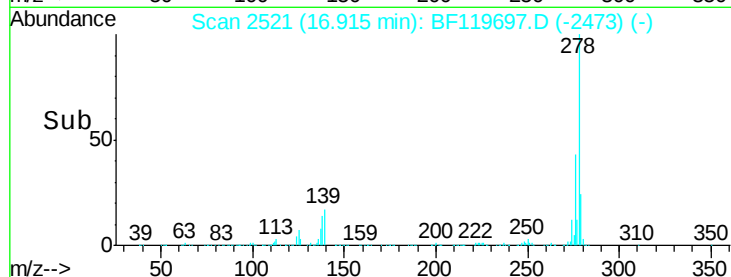
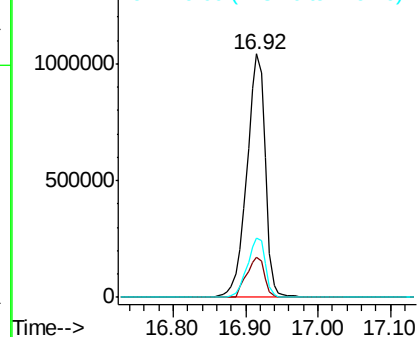
Tot Ion:278 Resp: 1850343  
Ion Ratio Lower Upper  
278 100  
139 16.6 12.6 19.0  
279 24.4 19.0 28.6

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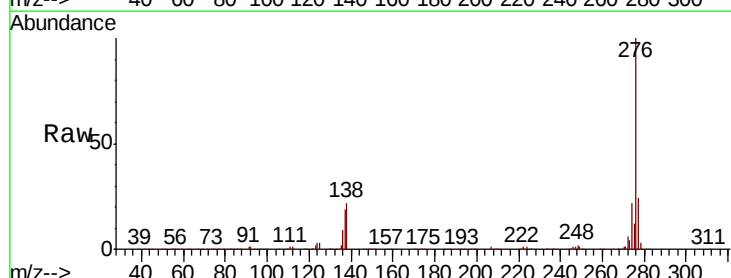


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 46.868 ng  
RT: 17.34 min Scan# 2593  
Delta R.T. -0.02 min  
Lab File: BF119697.D  
Acq: 2 Apr 2020 5:19

Tgt Ion:276 Resp: 1789638  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.4 27.6  
138 22.1 15.4 23.0



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

