

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\  
 Data File : BF120242.D  
 Acq On : 30 Apr 2020 16:34  
 Operator : MA/SJ  
 Sample : PB128574BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

Manual Integrations  
 APPROVED

mohammad  
 5/4/2020 8:19:00 AM

Quant Time: Apr 30 17:06:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 30 12:39:25 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.65  | 152  | 95962    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.93  | 136  | 333565   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.69  | 164  | 187243   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.18 | 188  | 364587   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.82 | 240  | 274405   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.23 | 264  | 314178   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.26  | 112 | 715843  | 128.92 | ng | 0.00 |
| 7) Phenol-d6             | 6.30  | 99  | 913208  | 127.63 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.22  | 82  | 562840  | 87.29  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.49 | 330 | 247067  | 107.77 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.02  | 172 | 1117519 | 84.74  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.77 | 244 | 1333678 | 81.78  | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.24 | 88  | 92761  | 37.506 | ng | 97     |
| 3) Pyridine                    | 2.92 | 79  | 259842 | 38.293 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.87 | 42  | 148494 | 42.831 | ng | 99     |
| 6) Aniline                     | 6.31 | 93  | 348552 | 37.115 | ng | # 69   |
| 8) 2-Chlorophenol              | 6.44 | 128 | 290778 | 46.868 | ng | 98     |
| 9) Benzaldehyde                | 6.19 | 77  | 106799 | 22.797 | ng | 97     |
| 10) Phenol                     | 6.32 | 94  | 363985 | 44.841 | ng | 81     |
| 11) bis(2-Chloroethyl)ether    | 6.39 | 93  | 271645 | 43.342 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.59 | 146 | 299870 | 44.148 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.67 | 146 | 304742 | 44.043 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 6.82 | 146 | 283192 | 44.411 | ng | 98     |
| 15) Benzyl Alcohol             | 6.80 | 79  | 236757 | 42.603 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.93 | 45  | 472285 | 38.724 | ng | 82     |
| 17) 2-Methylphenol             | 6.92 | 107 | 227359 | 41.063 | ng | 95     |
| 18) Hexachloroethane           | 7.16 | 117 | 111017 | 42.933 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.07 | 70  | 193353 | 42.024 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.08 | 107 | 299436 | 44.219 | ng | # 79   |
| 22) Acetophenone               | 7.06 | 105 | 390473 | 49.990 | ng | # 98   |
| 24) Nitrobenzene               | 7.23 | 77  | 297869 | 45.924 | ng | 97     |
| 25) Isophorone                 | 7.47 | 82  | 524152 | 42.170 | ng | 98     |
| 26) 2-Nitrophenol              | 7.55 | 139 | 150011 | 46.292 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.60 | 122 | 232521 | 47.577 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.69 | 93  | 330981 | 45.253 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.80 | 162 | 226257 | 45.165 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.88 | 180 | 235228 | 41.441 | ng | 98     |
| 31) Naphthalene                | 7.96 | 128 | 760324 | 43.324 | ng | 98     |
| 32) Benzoic acid               | 7.73 | 122 | 161966 | 37.734 | ng | 92     |
| 33) 4-Chloroaniline            | 8.01 | 127 | 202377 | 26.489 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.07 | 225 | 136569 | 40.193 | ng | 99     |
| 35) Caprolactam                | 8.38 | 113 | 73041m | 47.664 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.51 | 107 | 250823 | 46.246 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.65 | 142 | 553992 | 46.561 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.75 | 142 | 519843 | 46.354 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.82 | 216 | 248861 | 42.080 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\  
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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

Manual Integrations  
 APPROVED

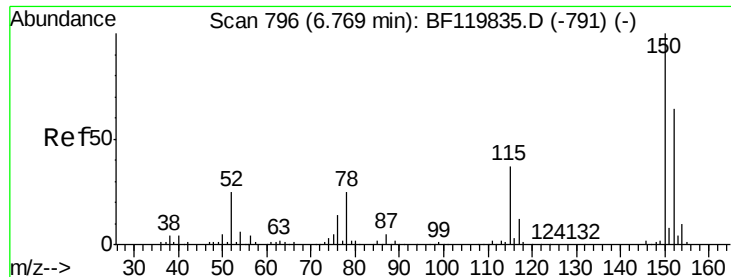
mohammad  
 5/4/2020 8:19:00 AM

Quant Time: Apr 30 17:06:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 30 12:39:25 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.80  | 237  | 221510   | 65.869 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 8.94  | 196  | 165486   | 40.522 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 8.99  | 196  | 170056   | 36.972 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 9.12  | 154  | 662417   | 41.914 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 9.14  | 162  | 518020   | 42.548 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.25  | 65   | 184084   | 41.723 | nq    | 93       |
| 49) Acenaphthylene             | 9.56  | 152  | 813105   | 43.915 | nq    | 97       |
| 50) Dimethylphthalate          | 9.43  | 163  | 604550   | 41.742 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.49  | 165  | 133685   | 42.152 | nq #  | 88       |
| 52) Acenaphthene               | 9.73  | 154  | 481850   | 39.013 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.66  | 138  | 105976   | 29.257 | nq    | 93       |
| 54) 2,4-Dinitrophenol          | 9.77  | 184  | 137866   | 72.607 | nq #  | 90       |
| 55) Dibenzofuran               | 9.90  | 168  | 740276   | 43.677 | nq    | 98       |
| 56) 4-Nitrophenol              | 9.85  | 139  | 192736   | 71.514 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 9.89  | 165  | 179682   | 43.001 | nq    | 97       |
| 58) Fluorene                   | 10.25 | 166  | 588075   | 43.385 | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 148698   | 42.269 | nq    | 96       |
| 60) Diethylphthalate           | 10.13 | 149  | 617189   | 41.117 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.24 | 204  | 281930   | 40.581 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.27 | 138  | 148916   | 43.139 | nq    | 99       |
| 63) Azobenzene                 | 10.40 | 77   | 587106   | 43.643 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 99116    | 41.265 | nq    | 87       |
| 66) n-Nitrosodiphenylamine     | 10.36 | 169  | 516297   | 42.581 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.73 | 248  | 169710   | 37.430 | nq    | 99       |
| 68) Hexachlorobenzene          | 10.79 | 284  | 188395   | 40.959 | nq    | 98       |
| 69) Atrazine                   | 10.89 | 200  | 161328   | 47.821 | nq    | 99       |
| 70) Pentachlorophenol          | 10.99 | 266  | 156466   | 59.030 | nq    | 99       |
| 71) Phenanthrene               | 11.20 | 178  | 853526   | 43.988 | nq    | 98       |
| 72) Anthracene                 | 11.26 | 178  | 890864   | 44.943 | nq    | 98       |
| 73) Carbazole                  | 11.42 | 167  | 812278   | 43.333 | nq    | 98       |
| 74) Di-n-butylphthalate        | 11.75 | 149  | 1015805  | 41.222 | nq    | 99       |
| 75) Fluoranthene               | 12.39 | 202  | 967955   | 46.233 | nq    | 97       |
| 77) Benzidine                  | 12.52 | 184  | 567147   | 61.143 | nq    | 98       |
| 78) Pyrene                     | 12.62 | 202  | 977481   | 42.255 | nq    | 97       |
| 80) Butylbenzylphthalate       | 13.25 | 149  | 433732   | 38.640 | nq    | 97       |
| 81) Benzo(a)anthracene         | 13.81 | 228  | 800289   | 44.332 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.78 | 252  | 209354   | 31.081 | nq    | 95       |
| 83) Chrysene                   | 13.85 | 228  | 859269   | 46.846 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 578679   | 38.069 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.43 | 149  | 1016858  | 39.289 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 973036   | 60.180 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.83 | 252  | 890457   | 39.399 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 14.86 | 252  | 829179   | 42.520 | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.17 | 252  | 805800   | 42.404 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.60 | 278  | 807092   | 47.948 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.99 | 276  | 763606   | 45.957 | nq    | 96       |

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





#1

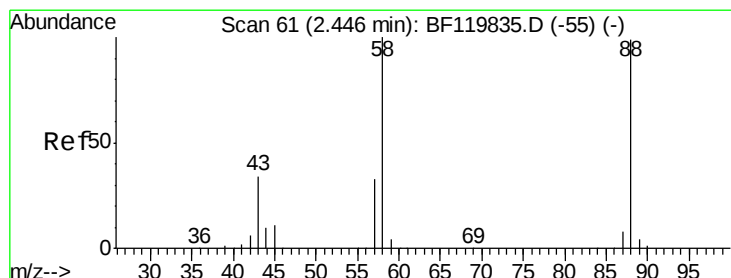
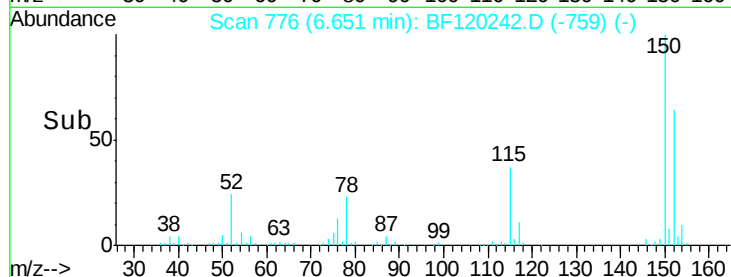
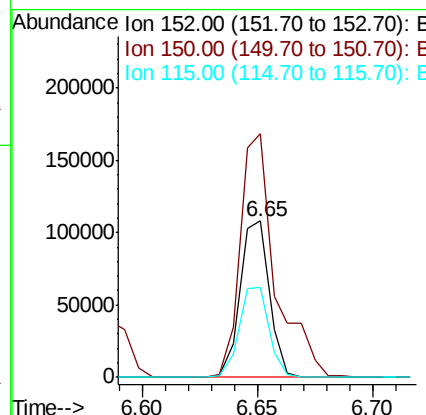
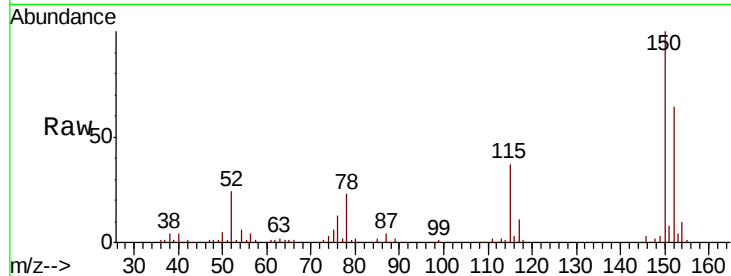
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.65 min Scan# 776  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.8 | 124.5 | 186.7 |
| 115     | 57.2  | 49.6  | 74.4  |

Manual Integrations  
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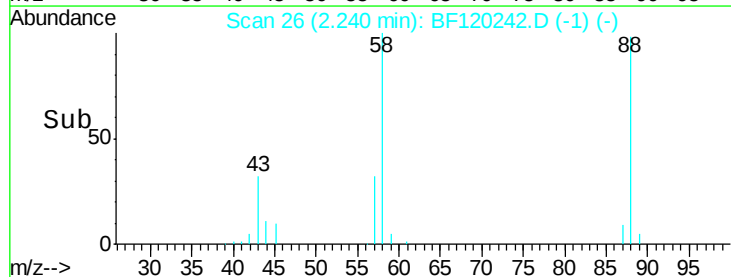
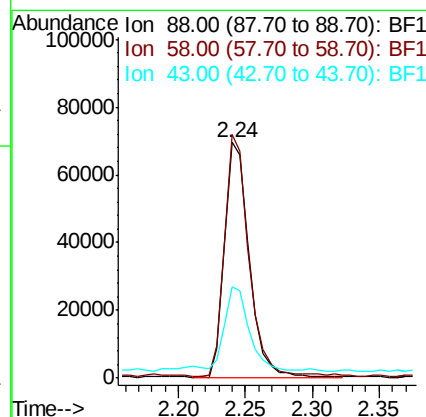
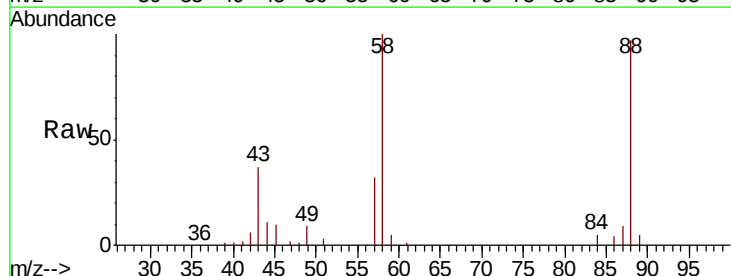
mohammad  
5/4/2020 8:19:00 AM

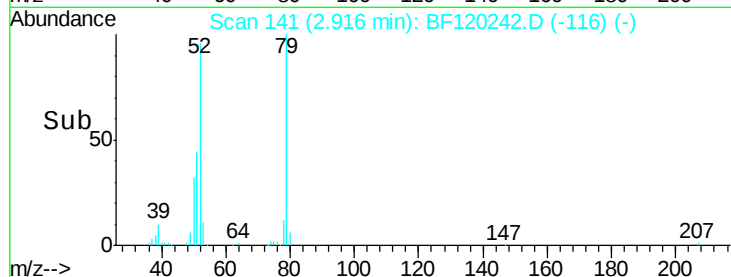
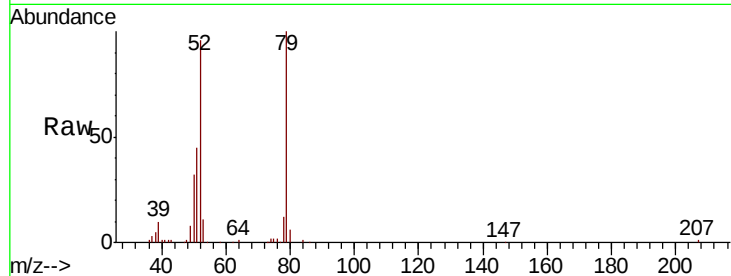
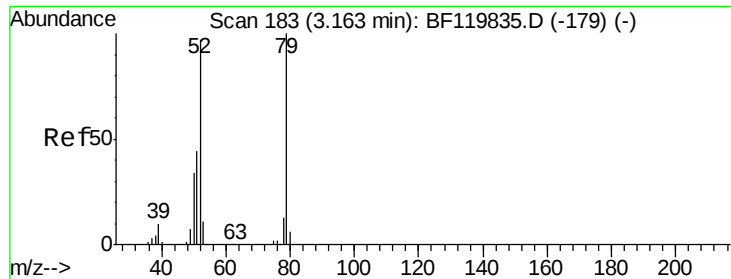


#2

1,4-Dioxane  
Concen: 37.506 ng  
RT: 2.24 min Scan# 26  
Delta R.T. 0.05 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 98.9  | 80.6  | 121.0 |
| 43      | 37.1  | 27.5  | 41.3  |





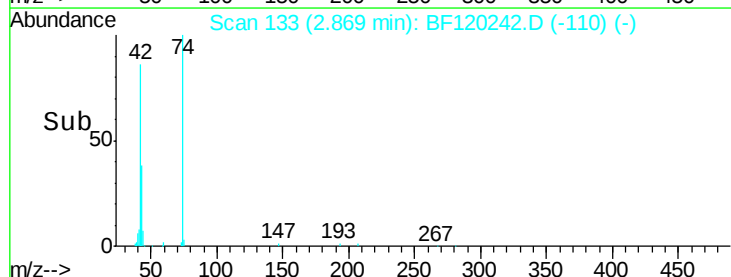
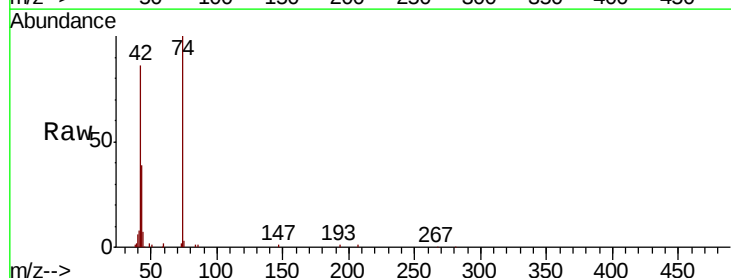
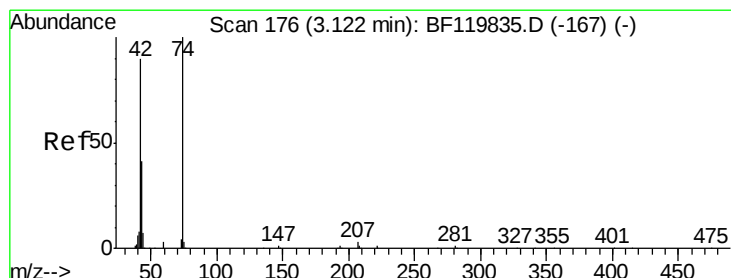
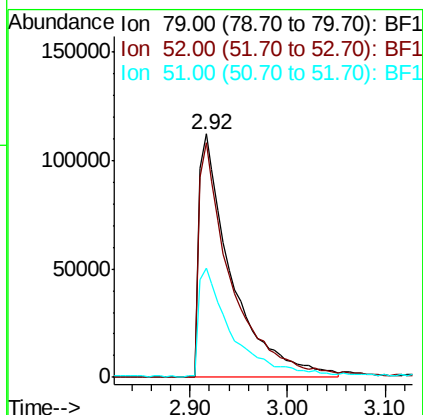
#3  
 Pvridine  
 Concen: 38.293 ng  
 RT: 2.92 min Scan# 141  
 Delta R.T. 0.05 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 79      | 100  |       |       |       |
| 52      | 96.2 | 80.2  | 120.2 |       |
| 51      | 45.0 | 37.7  | 56.5  |       |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

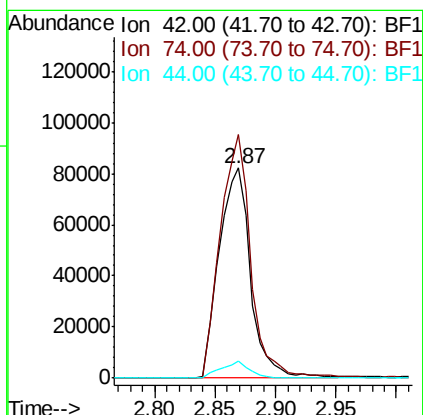
Manual Integrations  
 APPROVED

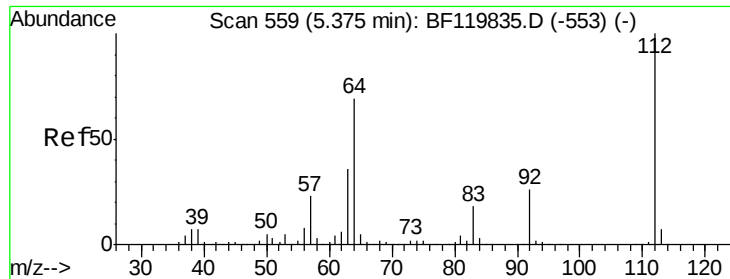
mohammad  
 5/4/2020 8:19:00 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 42.831 ng  
 RT: 2.87 min Scan# 133  
 Delta R.T. 0.04 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |
| 74      | 115.9 | 91.5  | 137.3 |       |
| 44      | 8.3   | 6.2   | 9.4   |       |





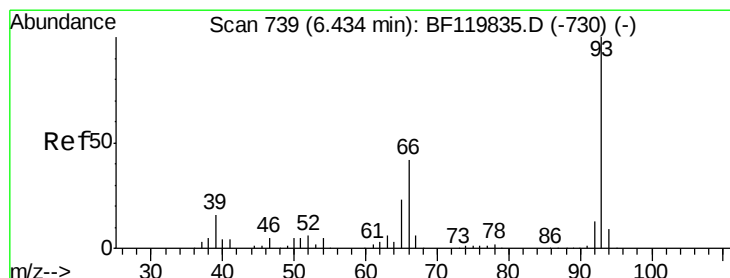
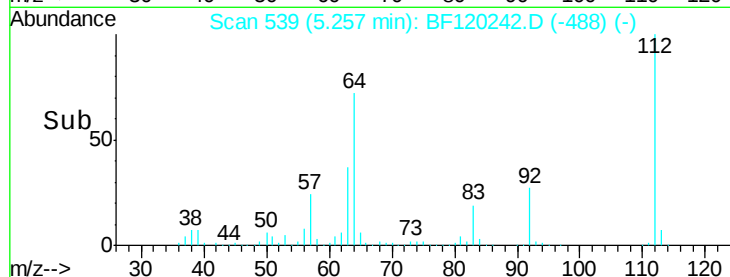
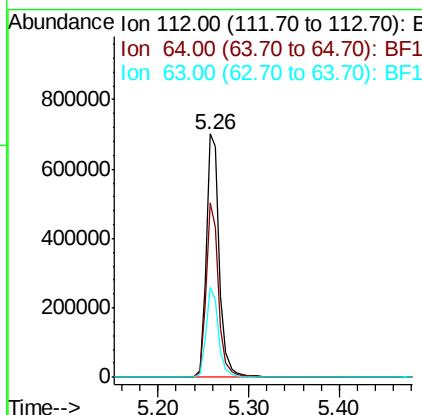
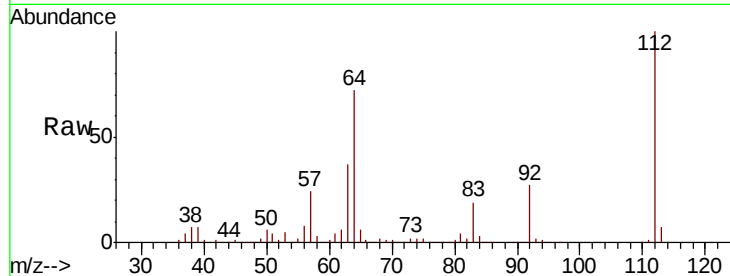
#5  
2-Fluorophenol  
Concen: 128.916 ng  
RT: 5.26 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 112     | 100   |            |       |
| 64      | 71.5  | 56.7       | 85.1  |
| 63      | 37.2  | 29.5       | 44.3  |

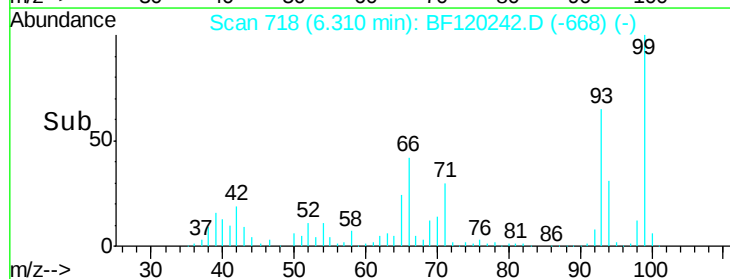
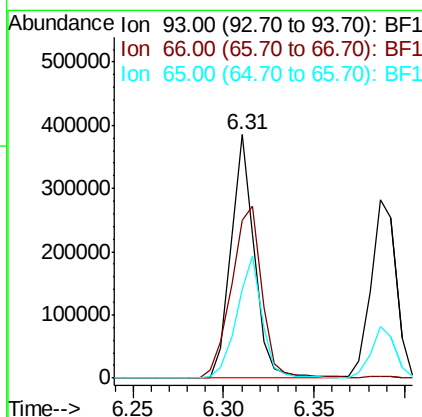
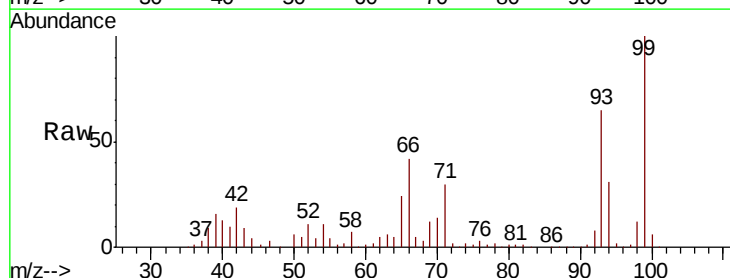
Manual Integrations  
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5/4/2020 8:19:00 AM



#6  
Aniline  
Concen: 37.115 ng  
RT: 6.31 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 66      | 65.1  | 34.9       | 52.3# |
| 65      | 36.3  | 18.6       | 27.8# |





#7

Phenol-d6

Concen: 127.632 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

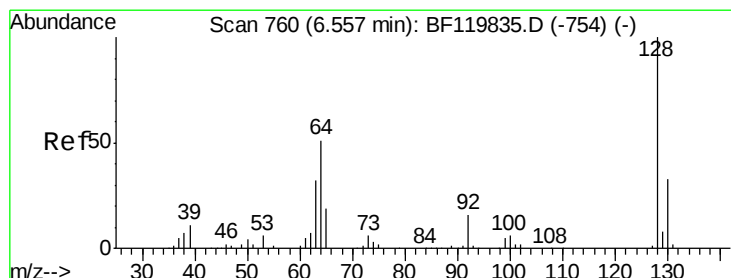
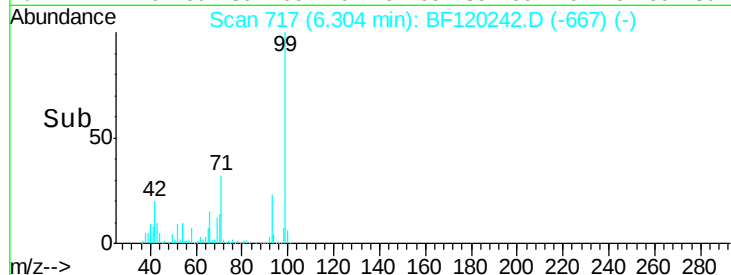
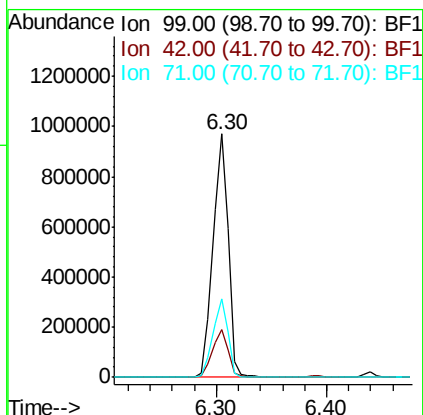
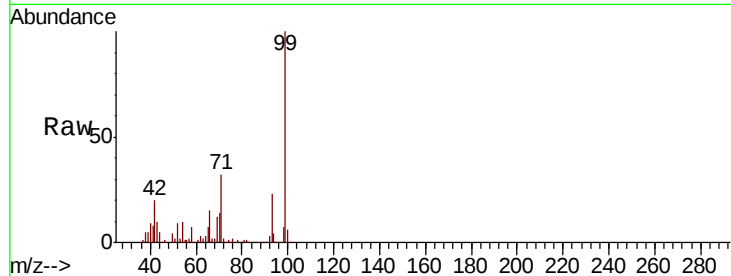
ClientSampleId :

PB128574BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 913208 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.9  | 16.6  | 24.8   |
| 71        | 32.0  | 26.4  | 39.6   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 46.868 ng

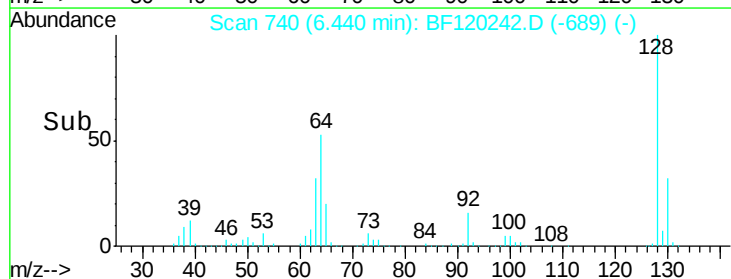
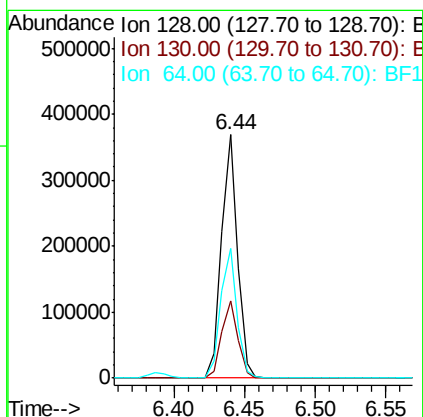
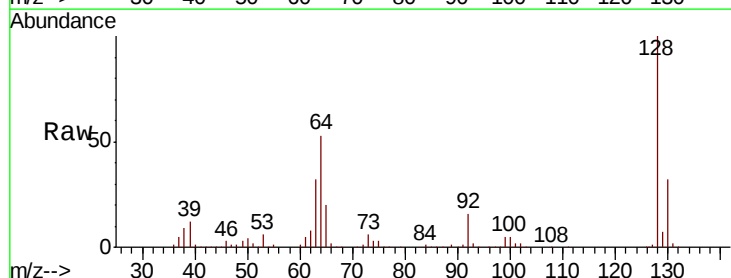
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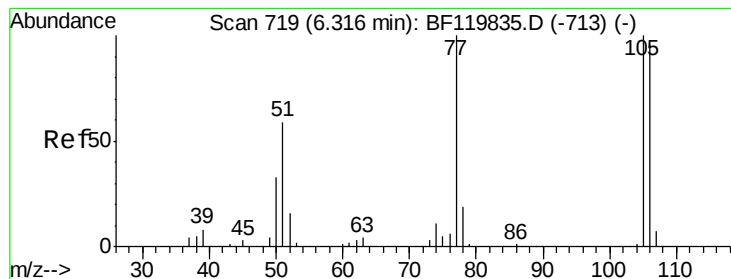
Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 290778 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.8  | 12.6  | 52.6   |
| 64        | 53.4  | 35.3  | 75.3   |





#9

Benzaldehyde

Concen: 22.797 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

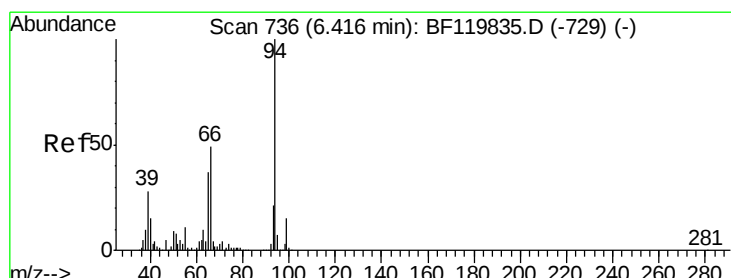
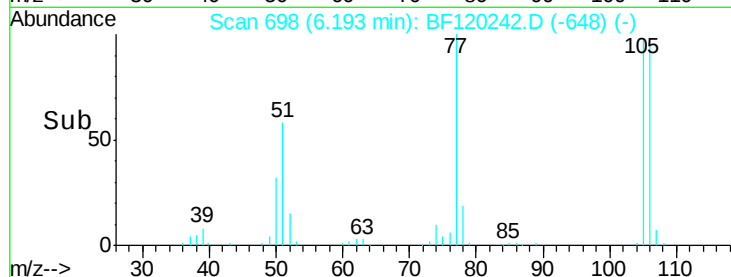
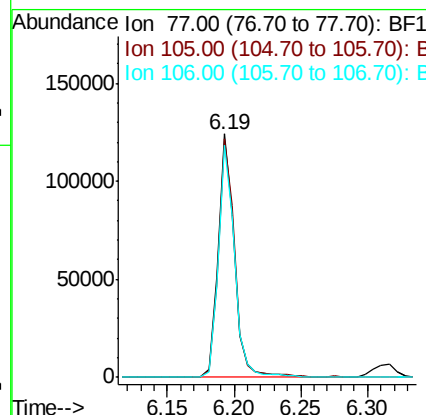
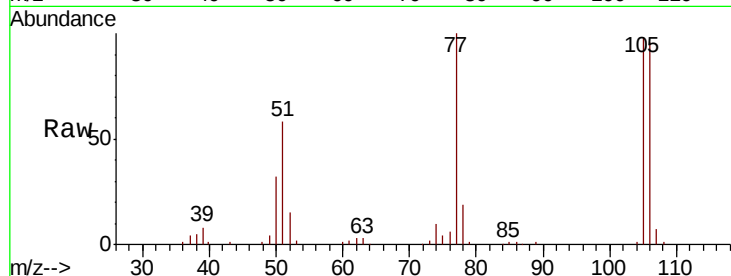
ClientSampleId :

PB128574BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 106799 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 97.8  | 80.9  | 120.9  |
| 106      | 95.6  | 77.9  | 117.9  |

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#10

Phenol

Concen: 44.841 ng

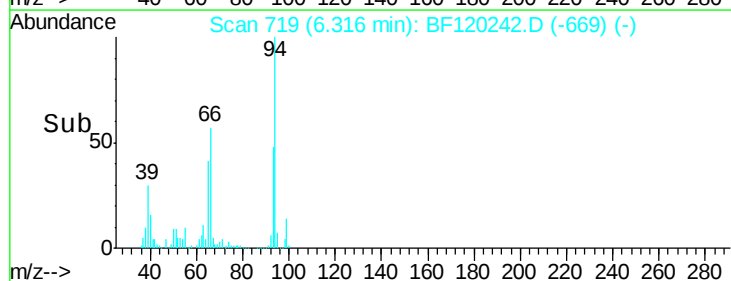
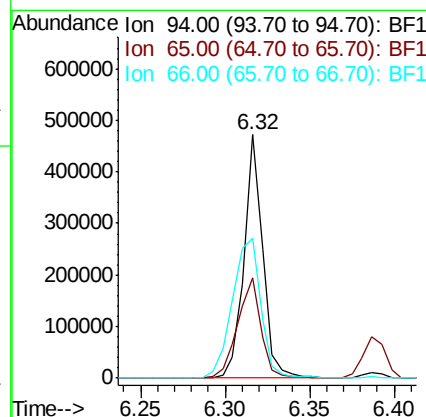
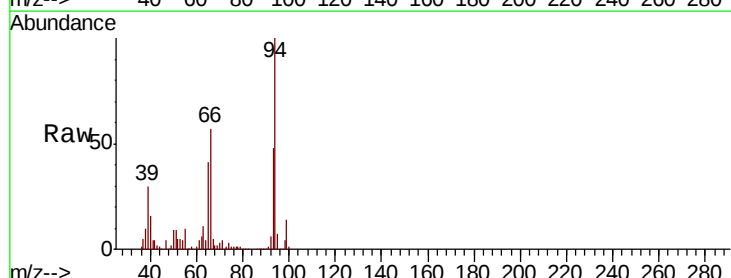
RT: 6.32 min Scan# 719

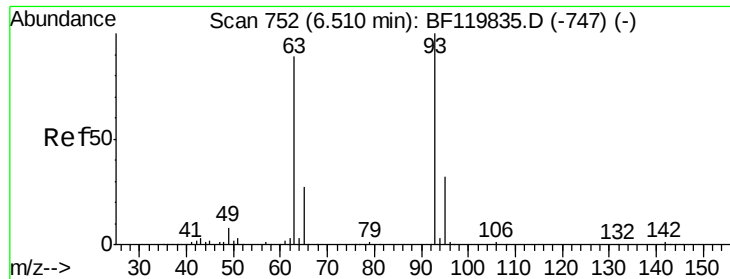
Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 363985 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 41.0  | 13.2  | 53.2   |
| 66       | 57.4  | 22.3  | 62.3   |





#11

bis(2-Chloroethyl)ether

Concen: 43.342 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

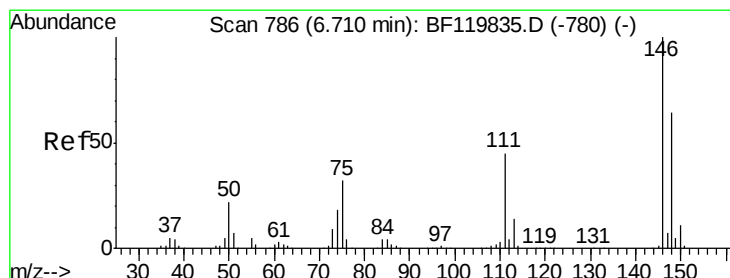
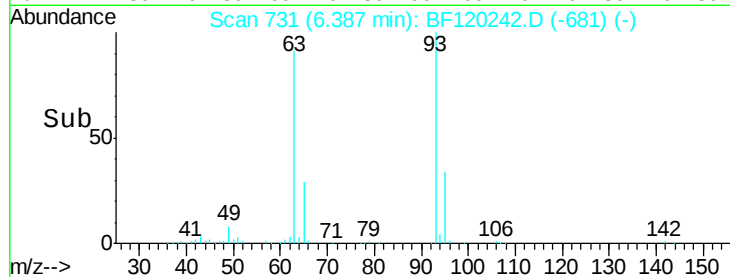
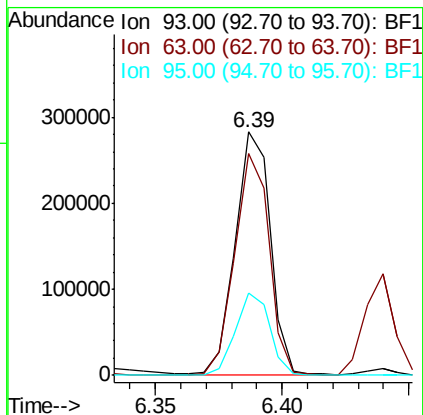
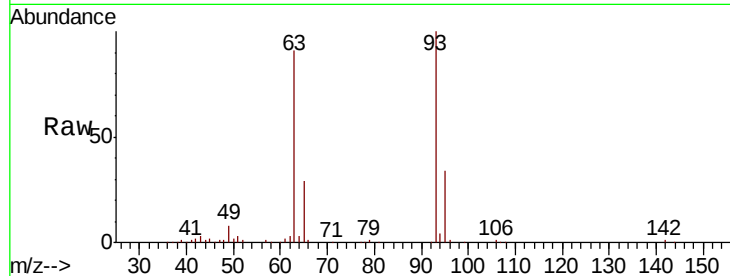
ClientSampleId :

PB128574BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 271645 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 91.1  | 70.2  | 110.2  |
| 95       | 33.6  | 13.4  | 53.4   |

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#12

1,3-Dichlorobenzene

Concen: 44.148 ng

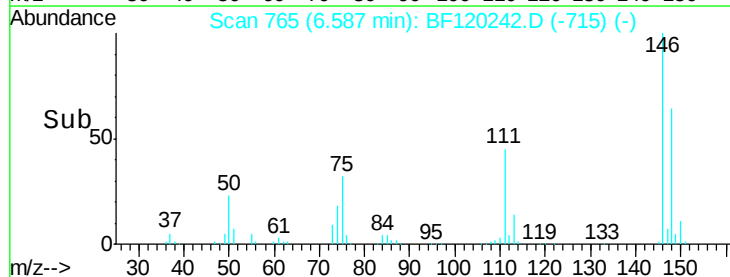
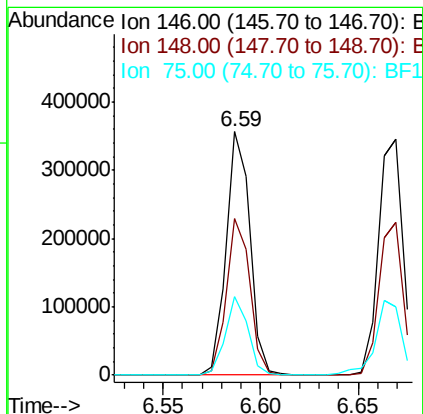
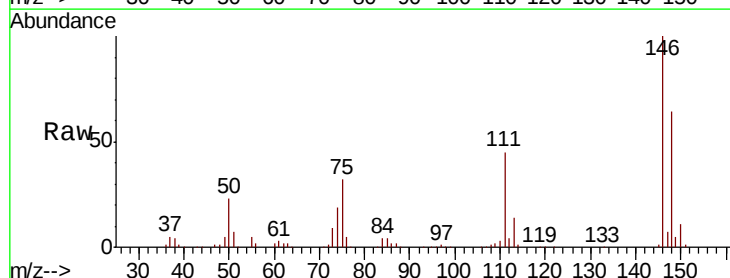
RT: 6.59 min Scan# 765

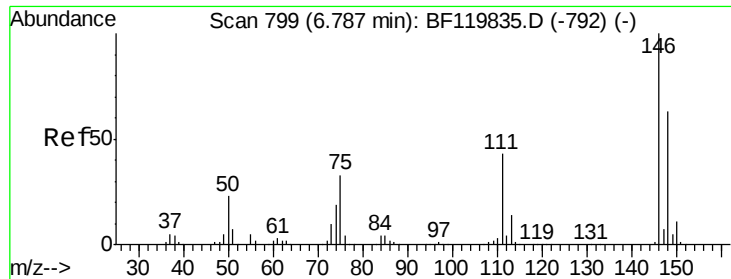
Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 299870 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.1  | 52.2  | 78.4   |
| 75       | 32.4  | 23.0  | 34.4   |





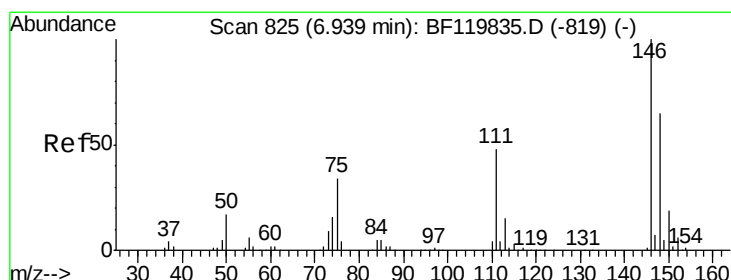
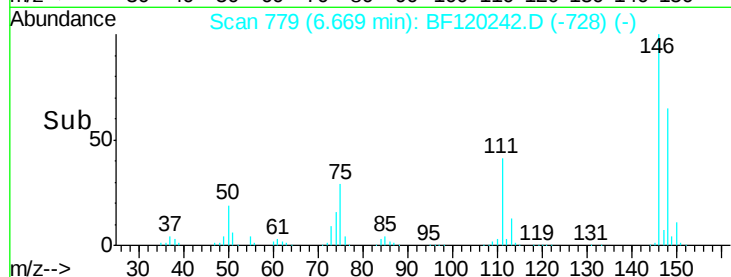
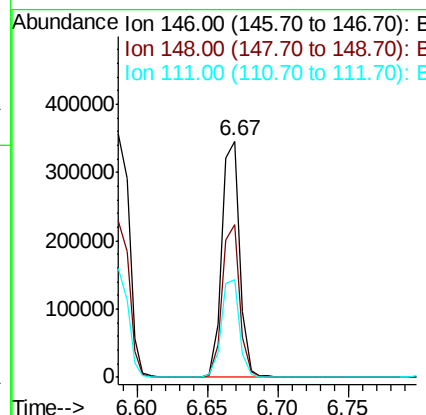
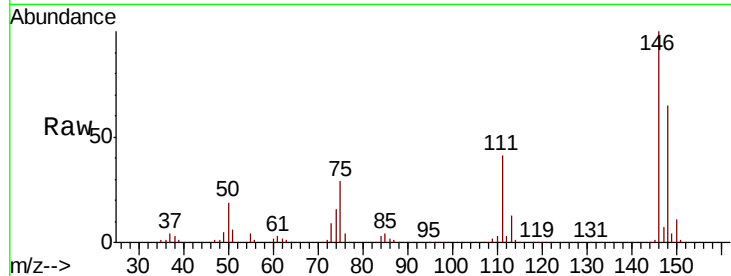
#13  
 1,4-Dichlorobenzene  
 Concen: 44.043 ng  
 RT: 6.67 min Scan# 779  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.5  | 77.3  |
| 111     | 41.3  | 33.3  | 49.9  |

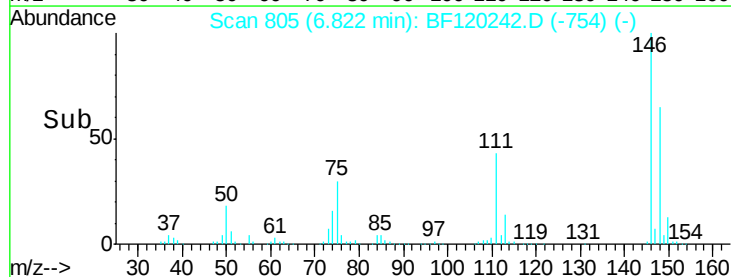
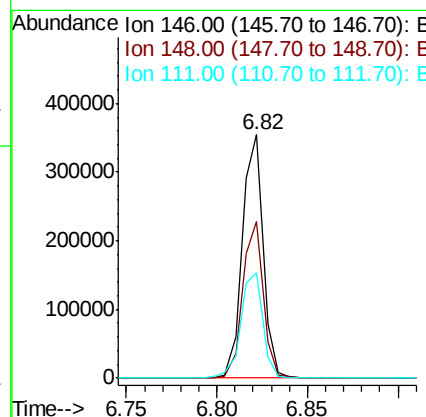
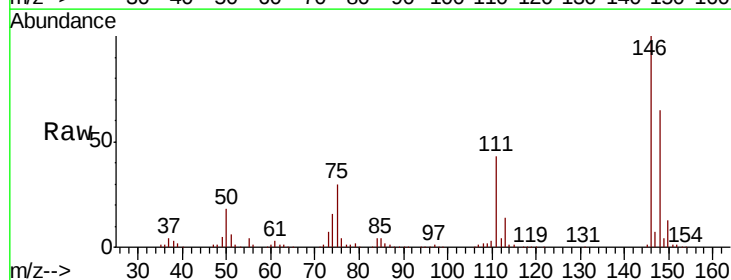
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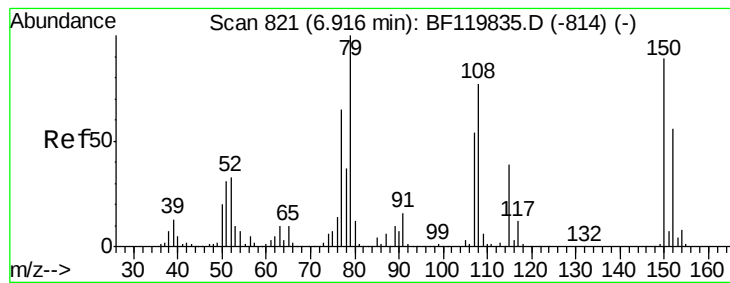
mohammad  
 5/4/2020 8:19:00 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 44.411 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.6  | 75.8  |
| 111     | 43.2  | 36.1  | 54.1  |





#15

Benzyl Alcohol

Concen: 42.603 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

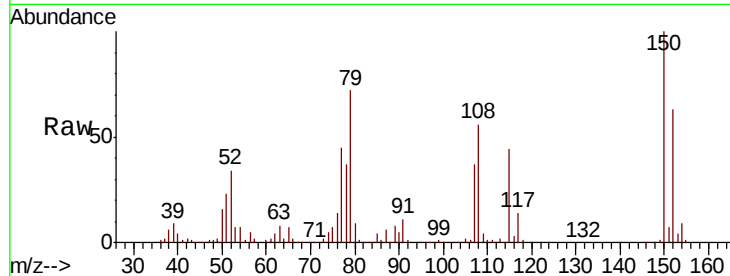
ClientSampleId :

PB128574BSD

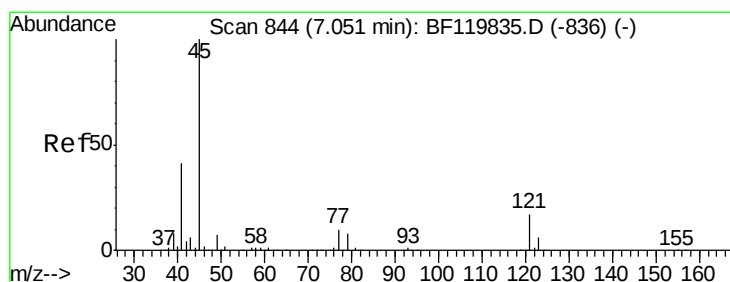
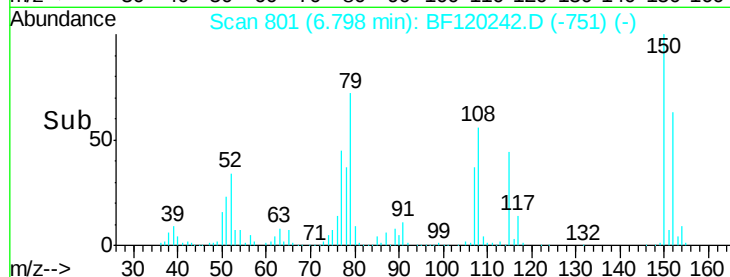
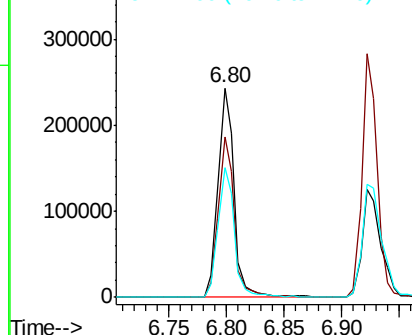
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 236757 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 76.8  | 60.6  | 90.8   |
| 77        | 61.9  | 50.2  | 75.2   |

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Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 108.00 (107.70 to 108.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.724 ng

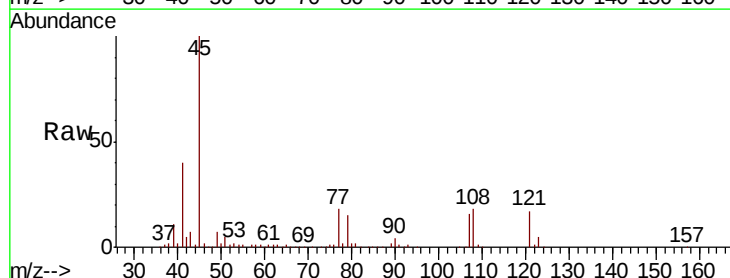
RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

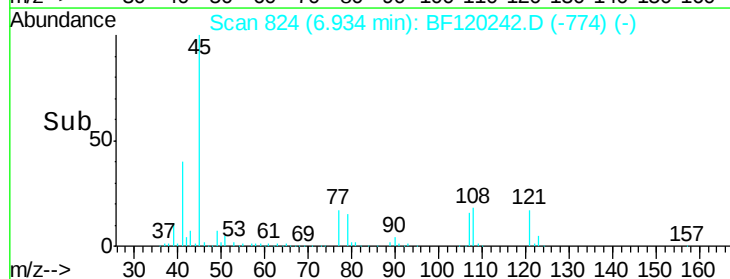
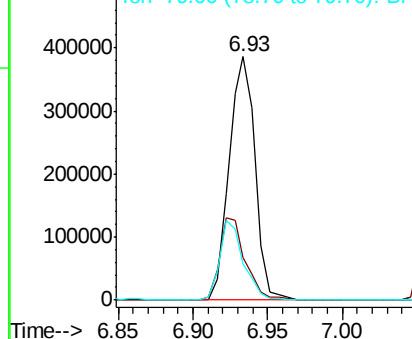
Lab File: BF120242.D

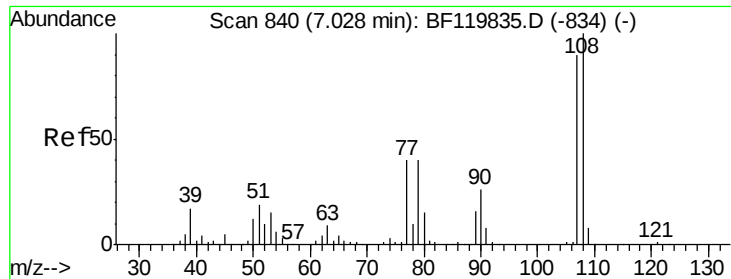
Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 472285 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 17.6  | 0.0   | 30.7   |
| 79        | 14.8  | 0.0   | 28.2   |



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





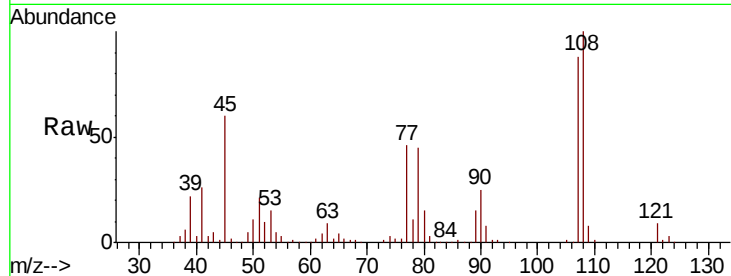
#17  
2-Methylphenol  
Concen: 41.063 ng  
RT: 6.92 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

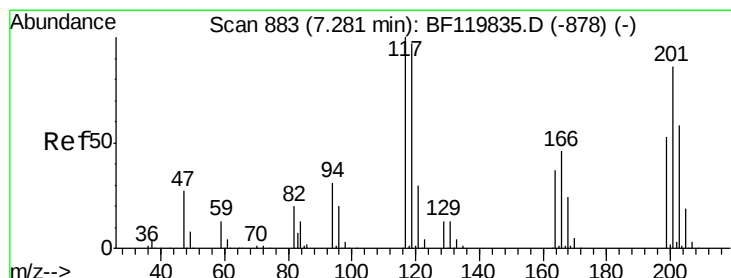
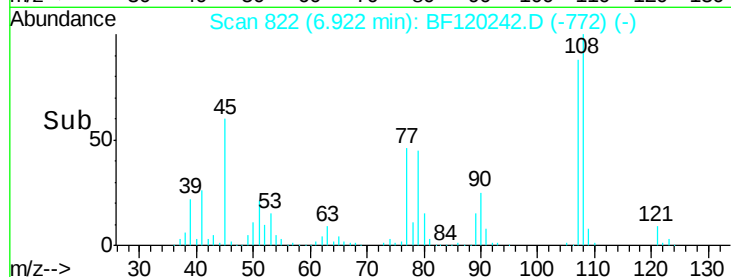
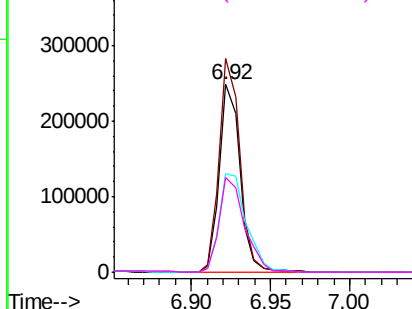
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 227359 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.6 | 92.2  | 138.4  |
| 77        | 52.5  | 36.6  | 54.8   |
| 79        | 50.6  | 36.2  | 54.4   |

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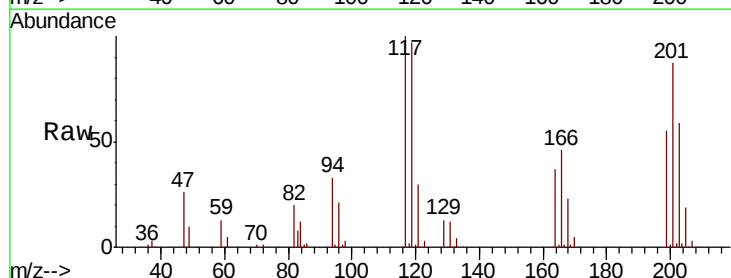


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

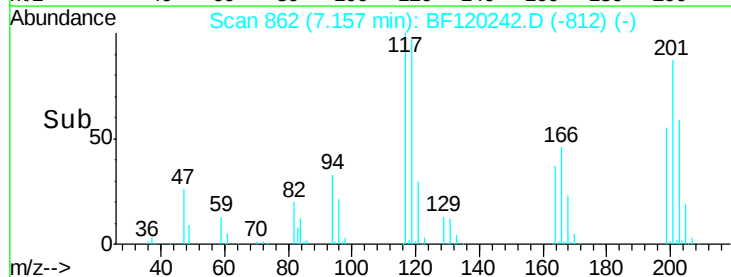
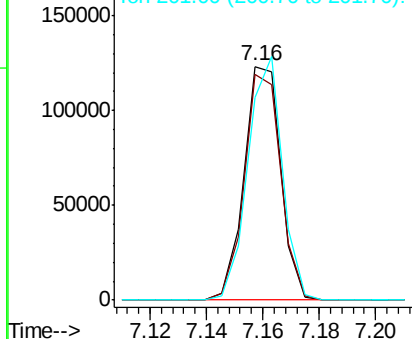


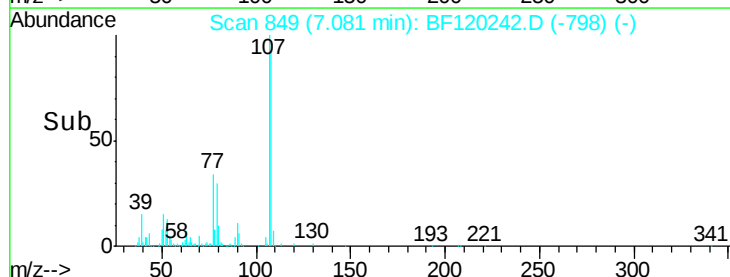
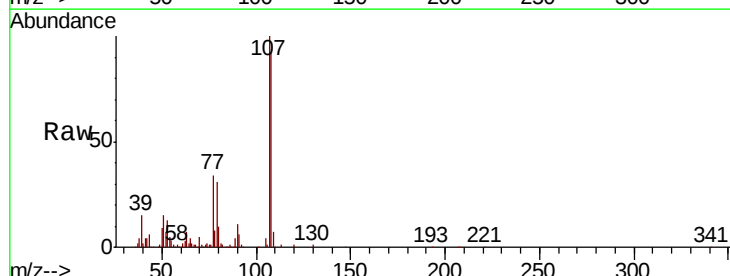
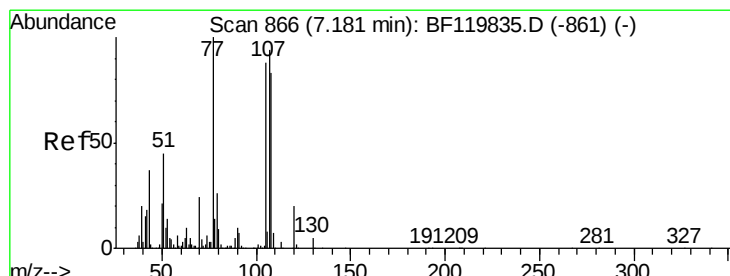
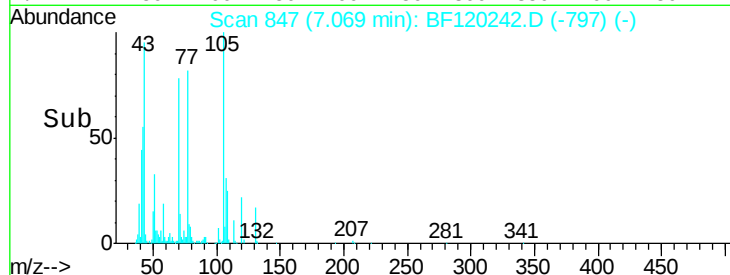
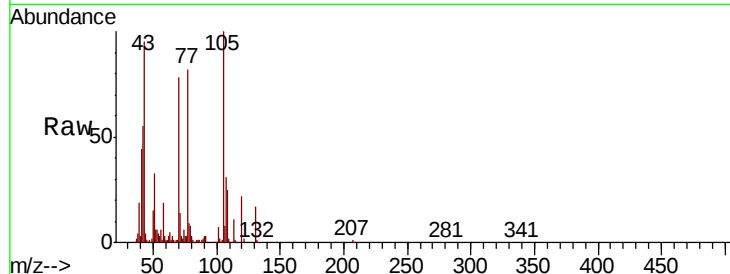
#18  
Hexachloroethane  
Concen: 42.933 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 111017 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.8  | 76.1  | 114.1  |
| 201       | 86.8  | 73.0  | 109.6  |



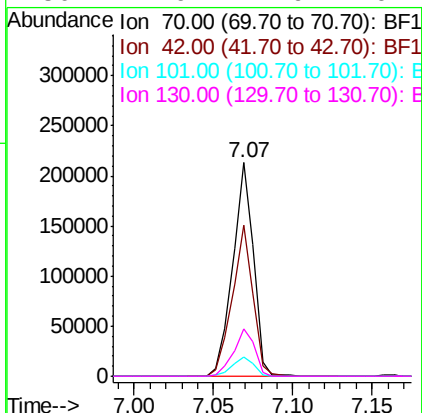
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.024 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 70.6 | 54.5  | 81.7  |       |
| 101     | 9.2  | 7.6   | 11.4  |       |
| 130     | 21.9 | 17.6  | 26.4  |       |



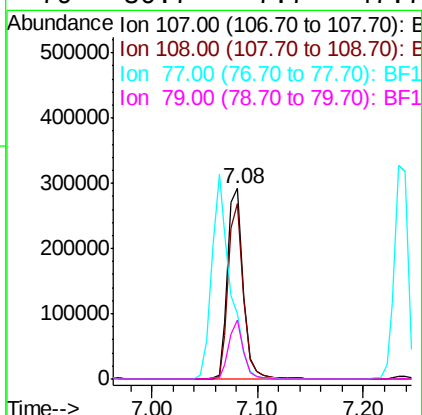
Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

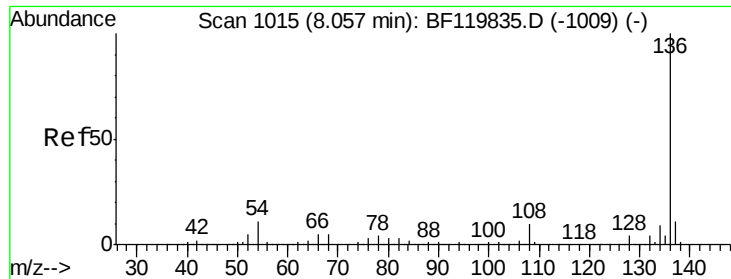
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#20  
3+4-Methylphenols  
Concen: 44.219 ng  
RT: 7.08 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.7 | 67.9  | 107.9 |       |
| 77      | 34.1 | 52.9  | 92.9  |       |
| 79      | 30.7 | 7.7   | 47.7  |       |





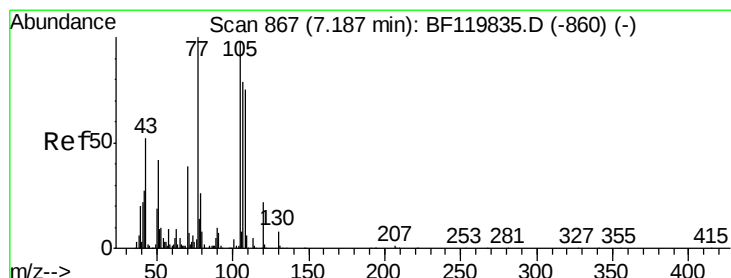
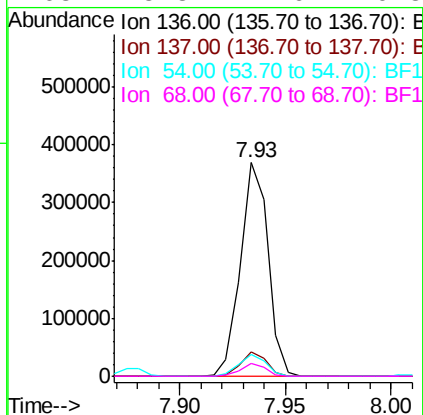
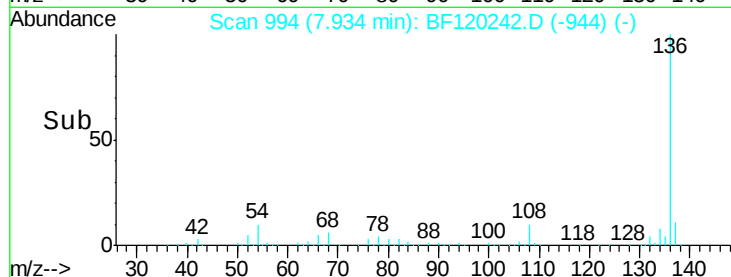
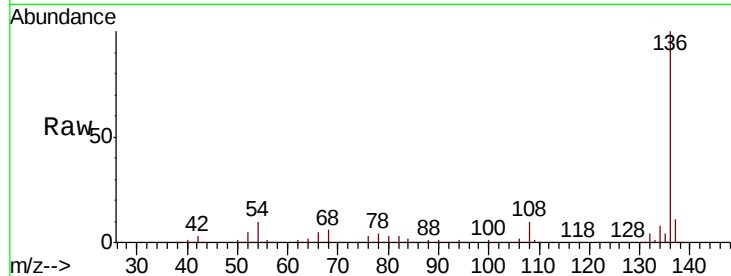
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.93 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 333565 |       |       |
| 137     | 11.3  | 8.7    | 13.1  |       |
| 54      | 10.2  | 9.1    | 13.7  |       |
| 68      | 5.8   | 4.6    | 6.8   |       |

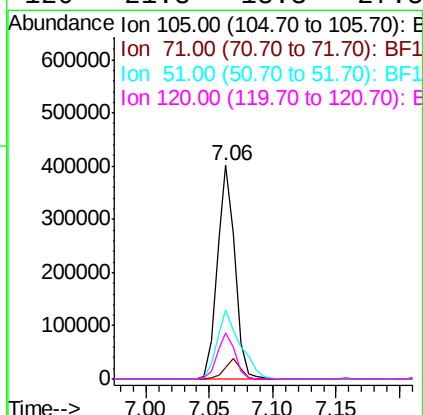
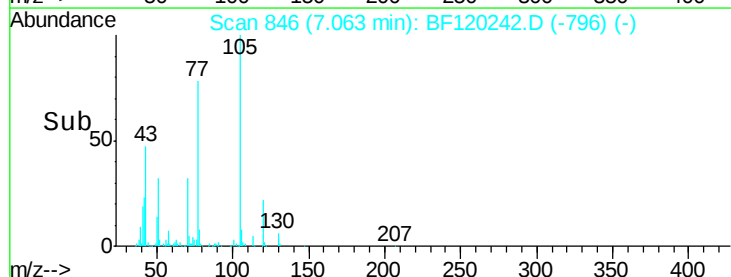
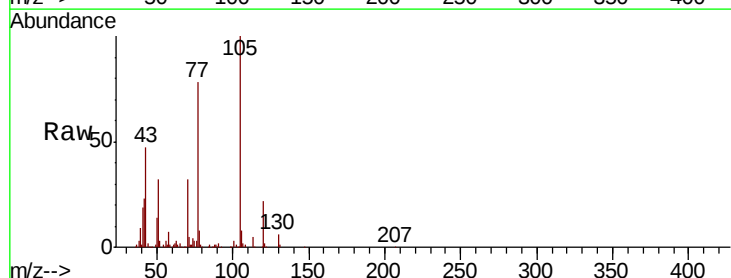
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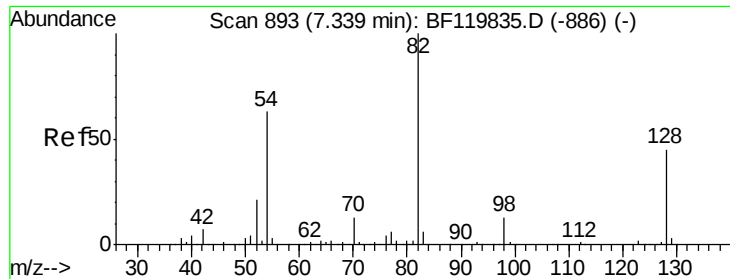
mohammad  
5/4/2020 8:19:00 AM



#22  
Acetophenone  
Concen: 49.990 ng  
RT: 7.06 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 390473 |       |       |
| 71      | 5.2   | 5.7    | 8.5#  |       |
| 51      | 32.3  | 26.2   | 39.4  |       |
| 120     | 21.8  | 18.3   | 27.5  |       |





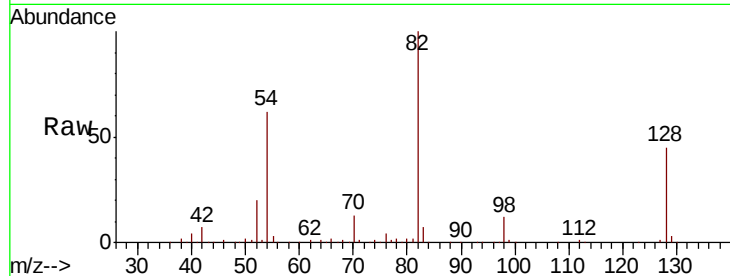
#23  
Nitrobenzene-d5  
Concen: 87.293 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

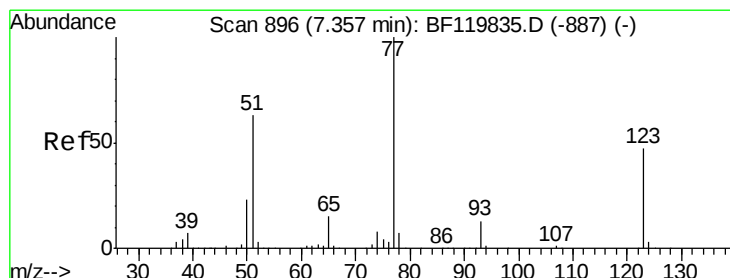
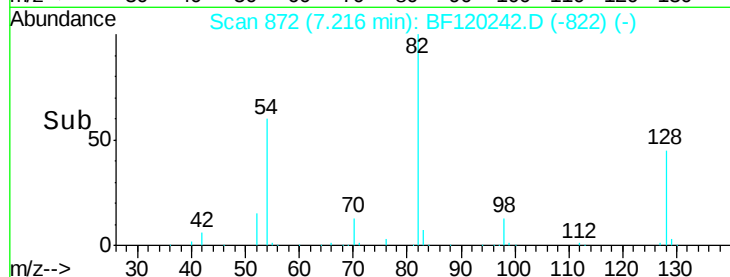
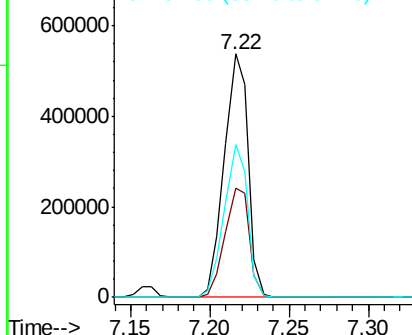
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.7  | 36.3  | 54.5  |
| 54      | 62.5  | 50.6  | 75.8  |

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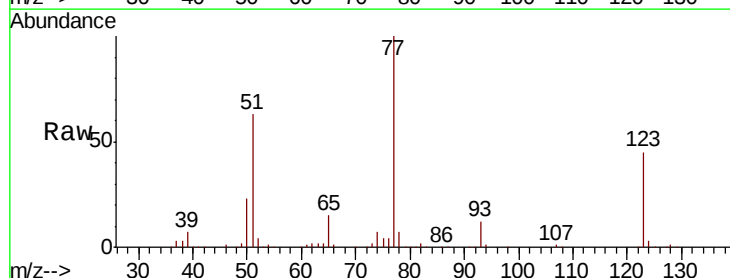


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

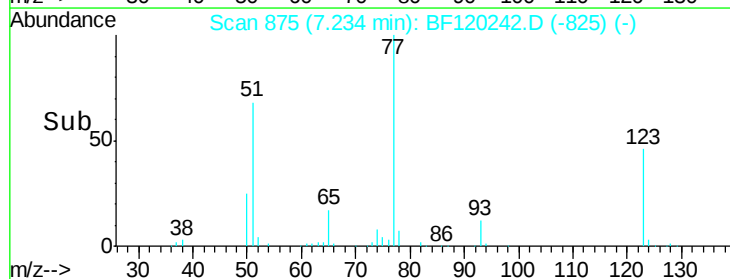
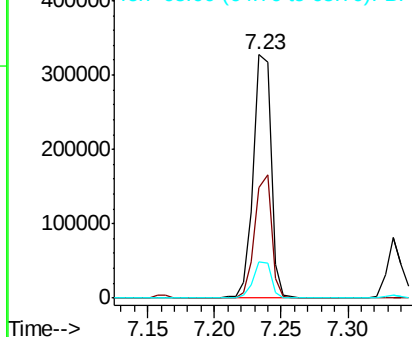


#24  
Nitrobenzene  
Concen: 45.924 ng  
RT: 7.23 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.5  | 38.0  | 57.0  |
| 65      | 15.0  | 12.6  | 18.8  |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.170 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

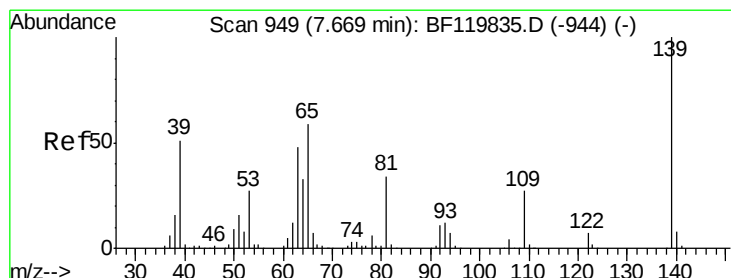
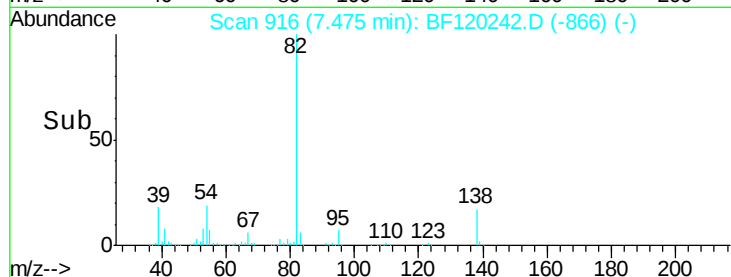
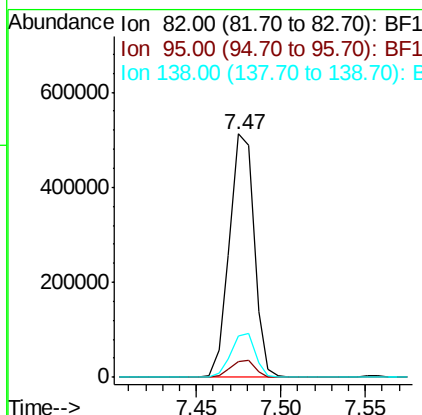
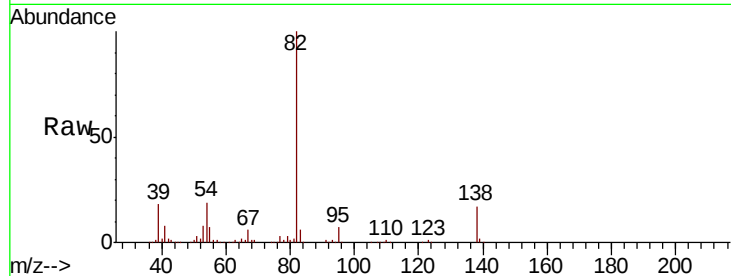
ClientSampleId :

PB128574BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 524152 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.8   | 8.6    |
| 138       | 17.1  | 14.6  | 21.8   |

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#26

2-Nitrophenol

Concen: 46.292 ng

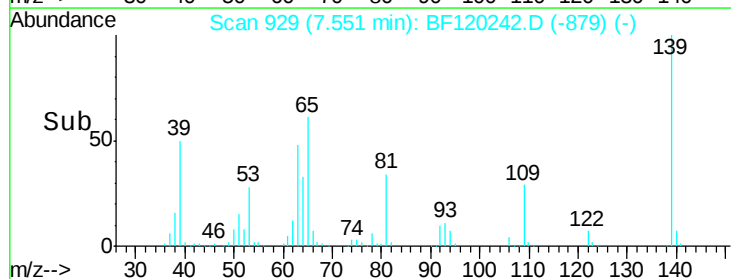
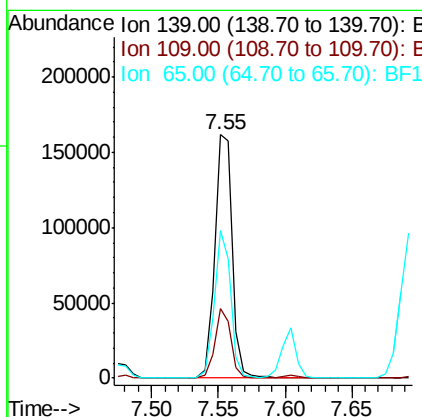
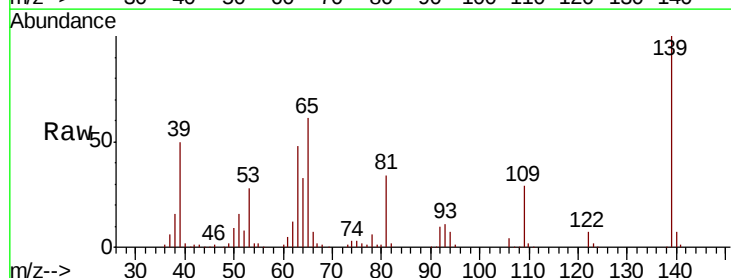
RT: 7.55 min Scan# 929

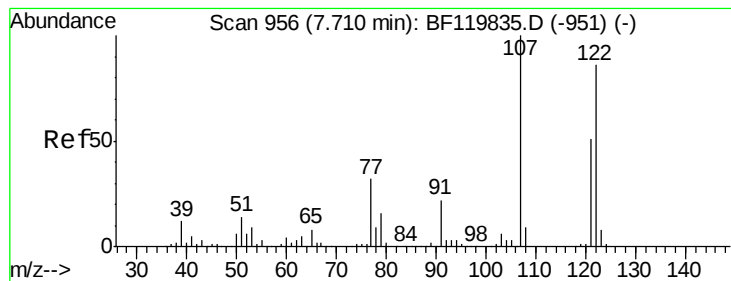
Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 150011 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.7  | 22.1  | 33.1   |
| 65        | 60.8  | 49.2  | 73.8   |





#27

2,4-Dimethylphenol

Concen: 47.577 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

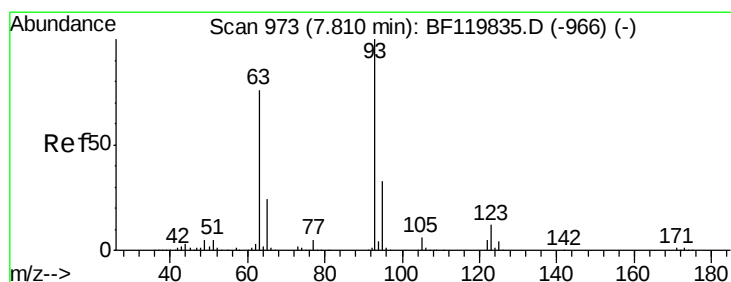
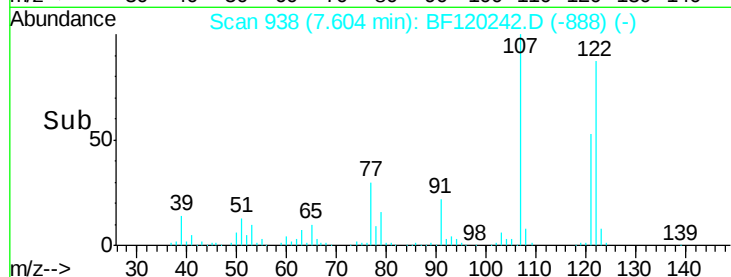
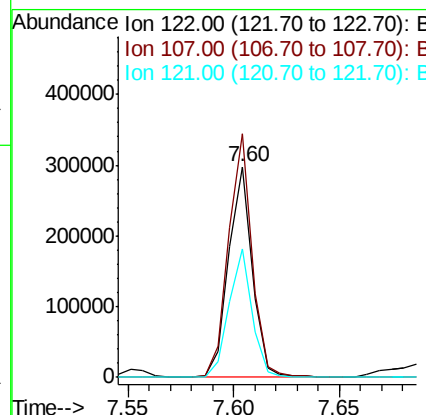
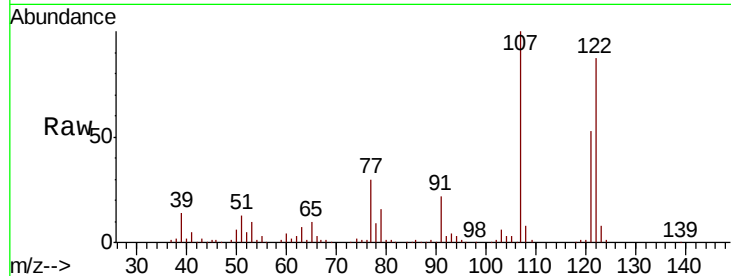
ClientSampled :

PB128574BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 232521 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 115.5 | 89.0  | 133.6  |
| 121       | 60.8  | 46.7  | 70.1   |

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#28

bis(2-Chloroethoxy)methane

Concen: 45.253 ng

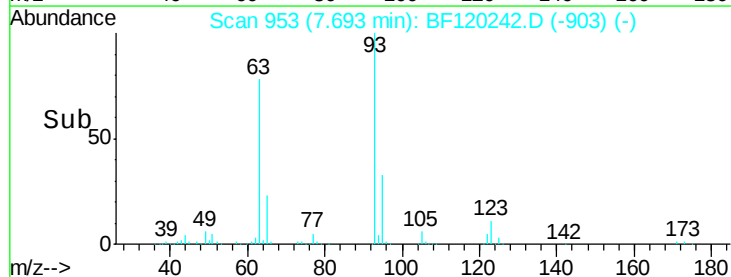
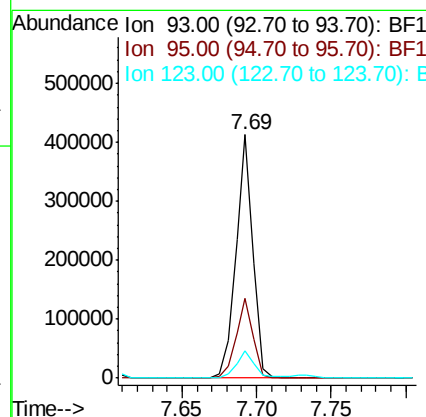
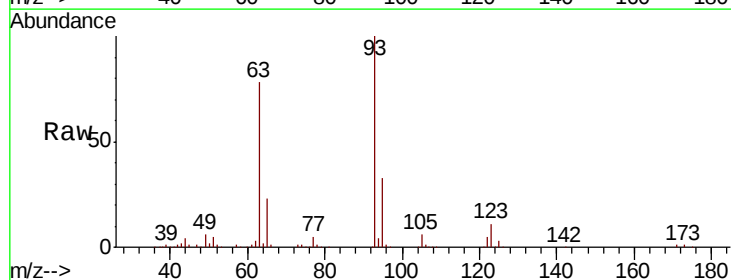
RT: 7.69 min Scan# 953

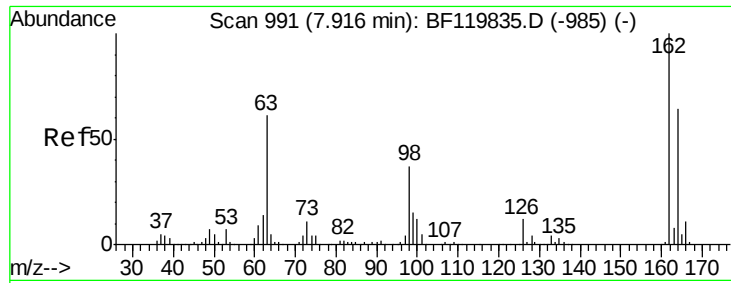
Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 330981 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.8  | 26.3  | 39.5   |
| 123       | 11.1  | 9.7   | 14.5   |





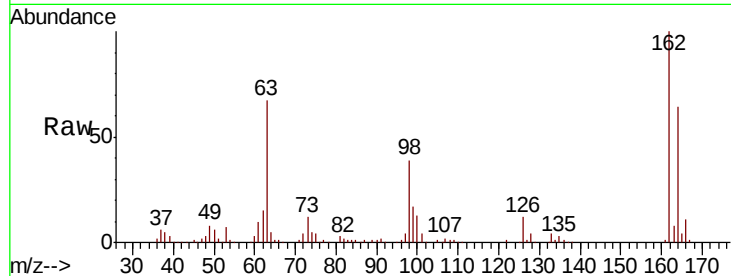
#29  
 2,4-Dichlorophenol  
 Concen: 45.165 ng  
 RT: 7.80 min Scan# 972  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

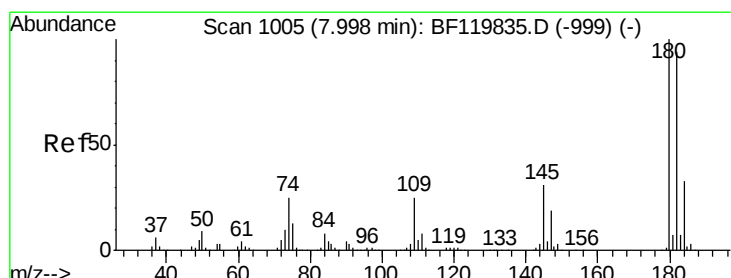
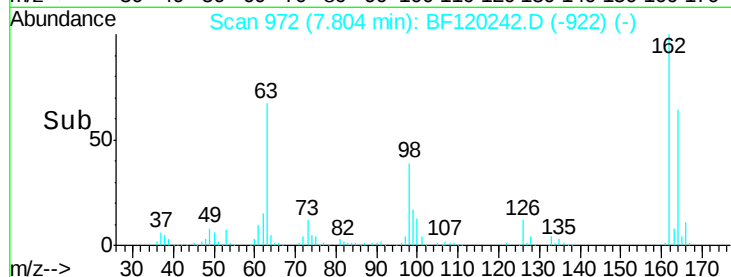
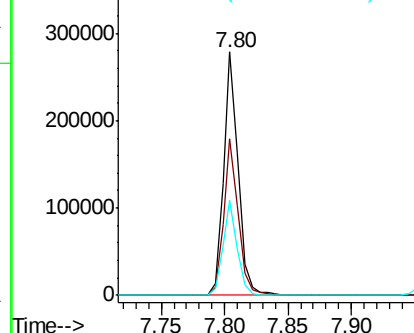
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 226257 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.2  | 44.7  | 84.7   |
| 98        | 39.1  | 20.7  | 60.7   |

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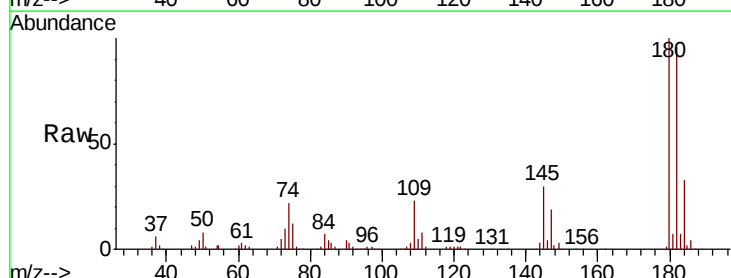


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

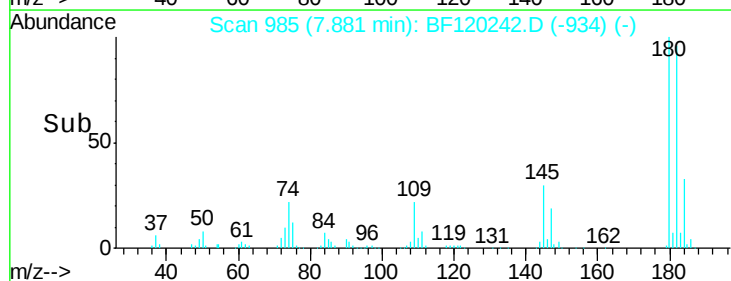
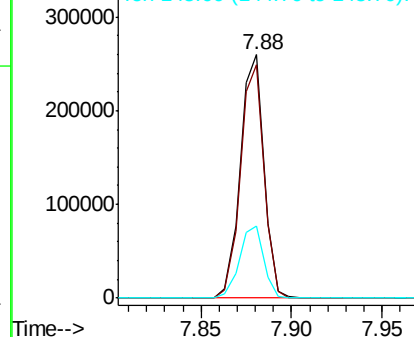


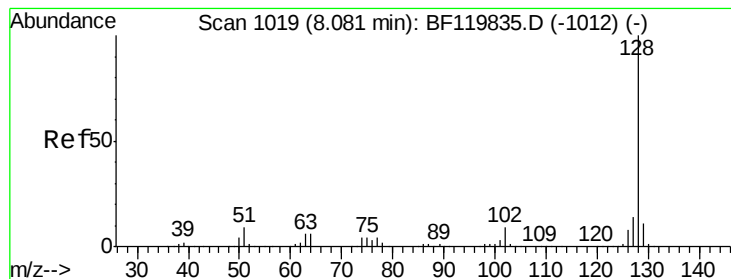
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.441 ng  
 RT: 7.88 min Scan# 985  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 235228 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.6  | 74.7  | 112.1  |
| 145       | 29.7  | 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: 43.324 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

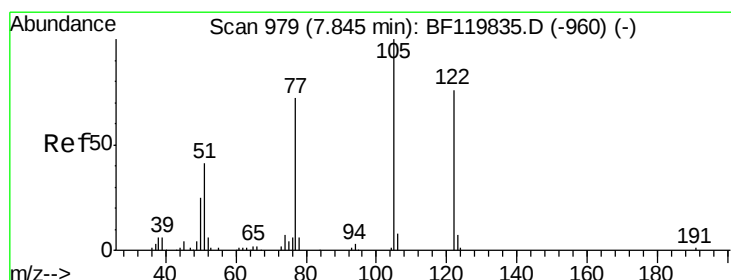
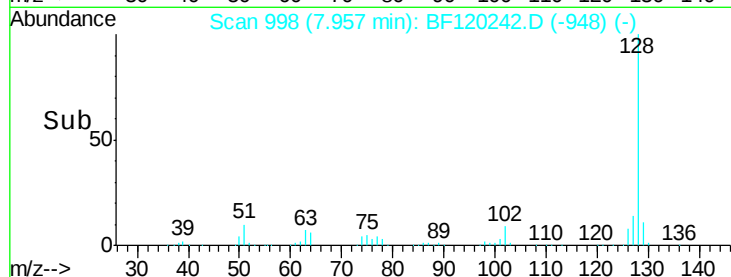
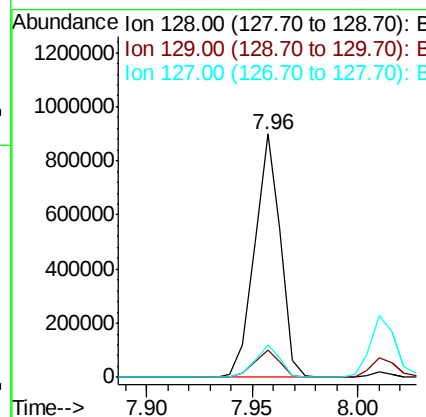
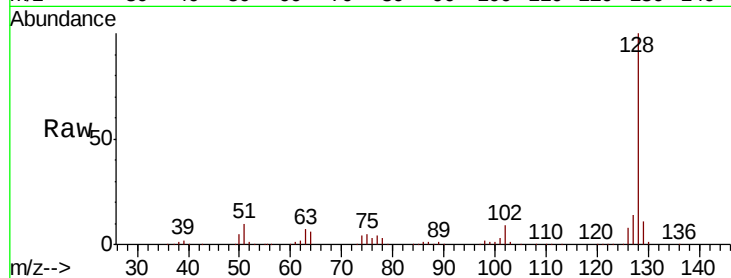
ClientSampleId :

PB128574BSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 760324    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 11.1  | 9.5 14.3  |
| 127         | 13.5  | 11.3 16.9 |

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#32

Benzoic acid

Concen: 37.734 ng

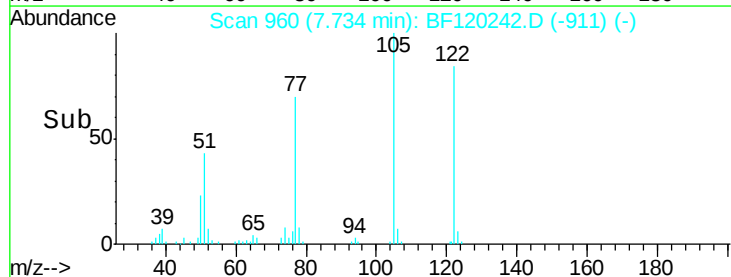
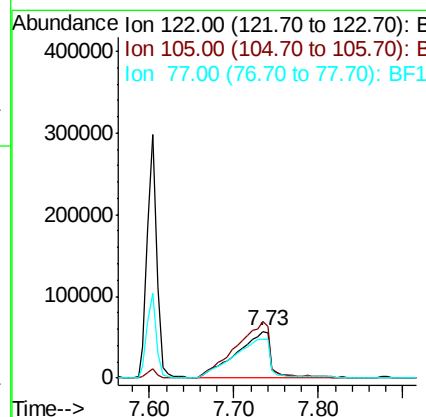
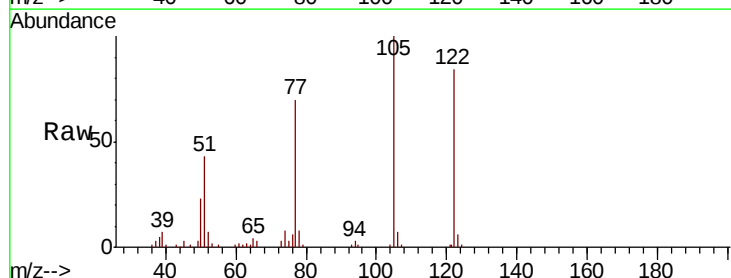
RT: 7.73 min Scan# 960

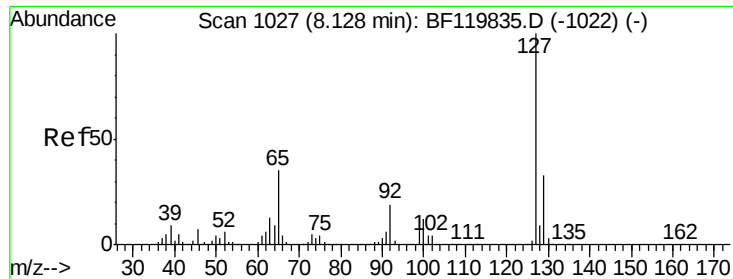
Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:122 | Resp: | 161966      |
| Ion Ratio   | Lower | Upper       |
| 122         | 100   |             |
| 105         | 119.1 | 104.9 144.9 |
| 77          | 83.4  | 74.4 114.4  |





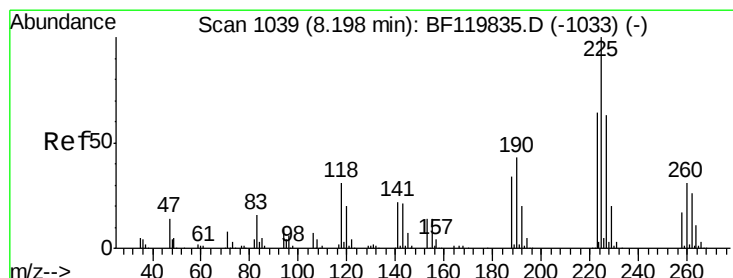
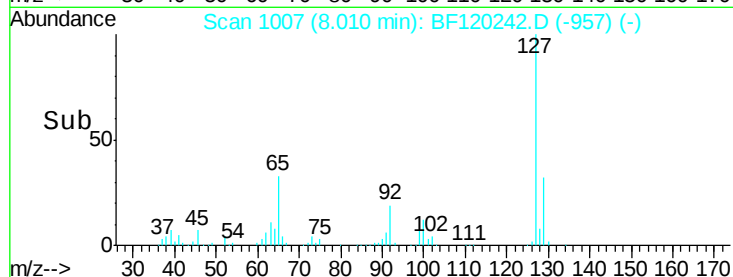
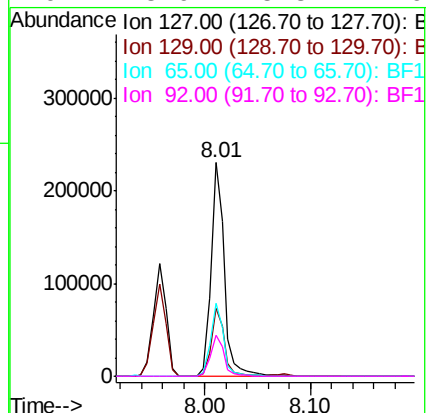
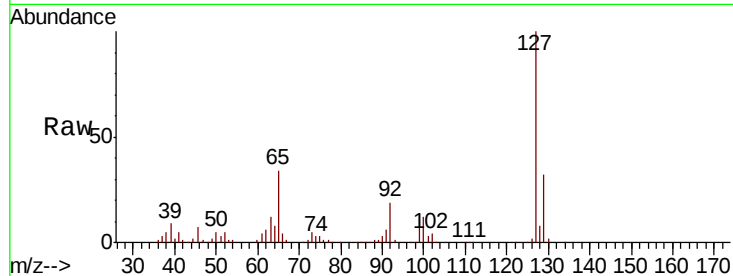
#33  
4-Chloroaniline  
Concen: 26.489 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 202377 |       |       |
| 129     | 31.8 | 26.2  | 39.4   |       |       |
| 65      | 34.2 | 27.4  | 41.0   |       |       |
| 92      | 18.9 | 15.3  | 22.9   |       |       |

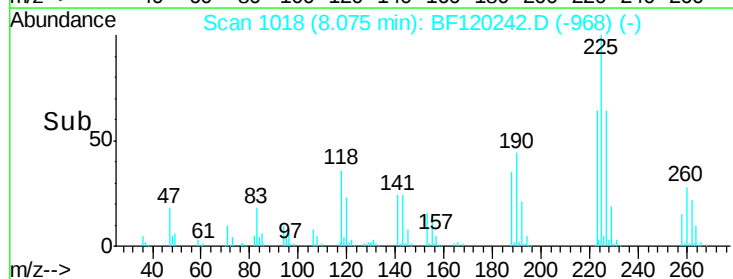
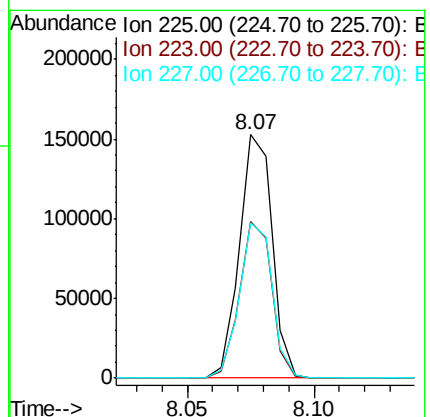
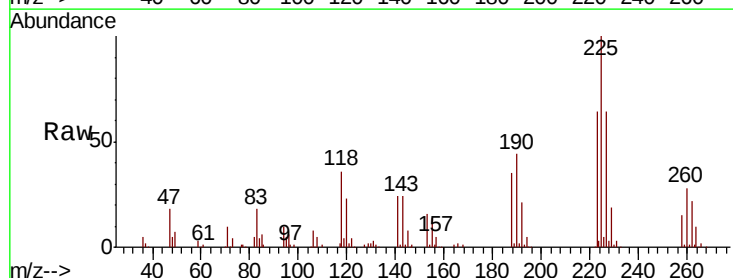
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#34  
Hexachlorobutadiene  
Concen: 40.193 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 136569 |       |       |
| 223     | 64.2 | 51.0  | 76.6   |       |       |
| 227     | 64.0 | 50.7  | 76.1   |       |       |





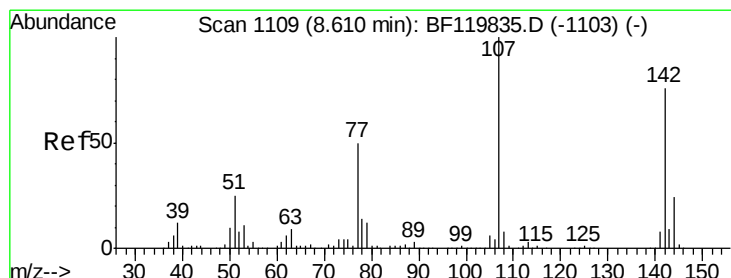
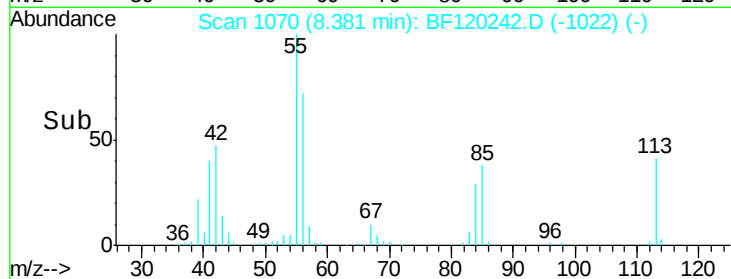
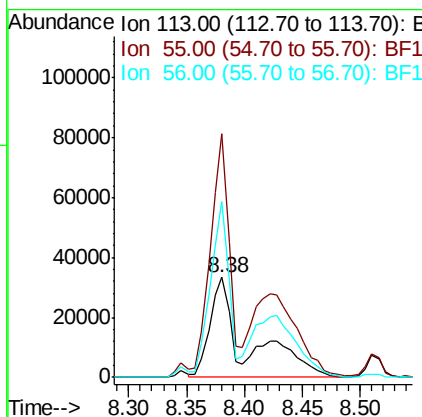
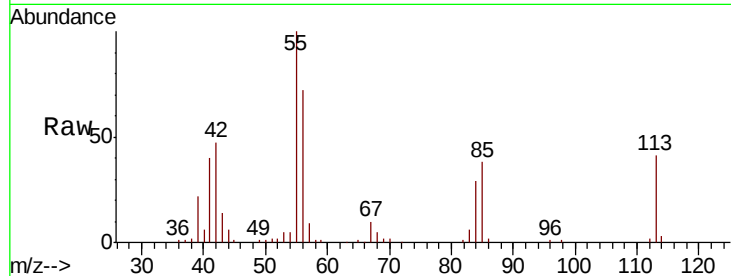
#35  
 Caprolactam  
 Concen: 47.664 ng/ml  
 RT: 8.38 min Scan# 1070  
 Delta R.T. -0.02 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 244.1 | 218.4 | 258.4 |
| 56      | 175.7 | 148.9 | 188.9 |

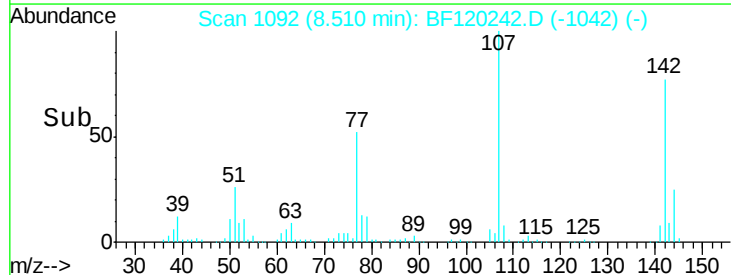
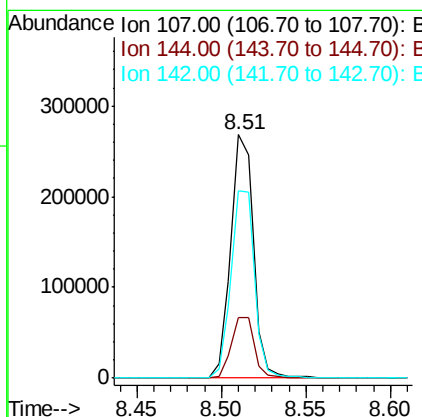
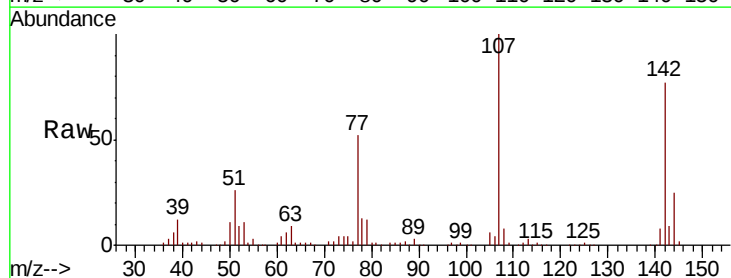
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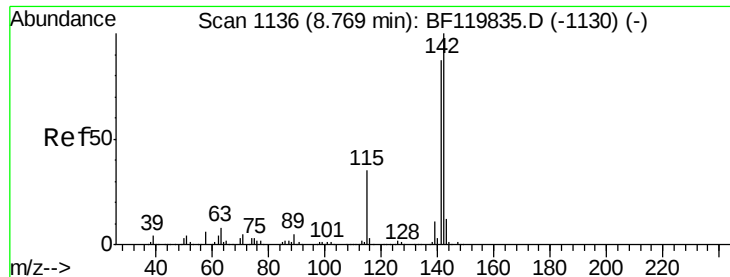
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#36  
 4-Chloro-3-methylphenol  
 Concen: 46.246 ng/ml  
 RT: 8.51 min Scan# 1092  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.7  | 21.0  | 31.6  |
| 142     | 77.2  | 64.4  | 96.6  |





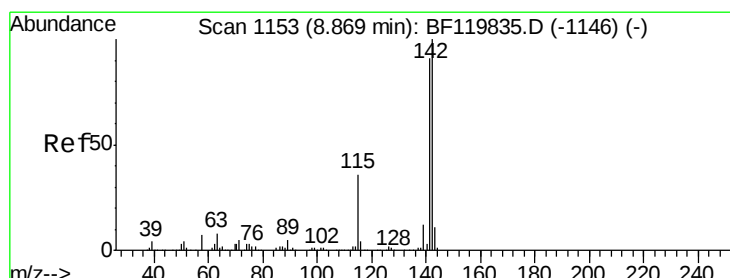
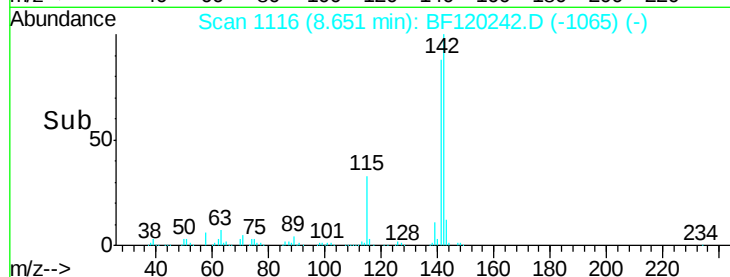
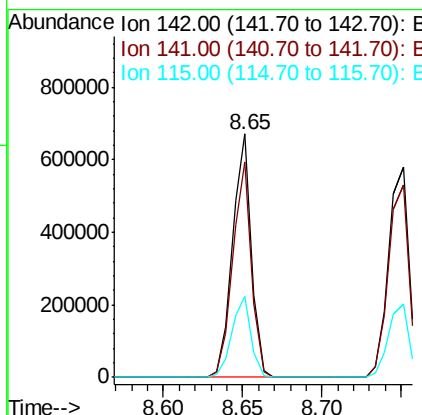
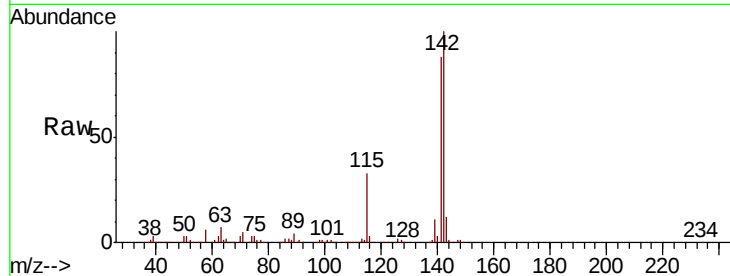
#37  
2-Methylnaphthalene  
Concen: 46.561 ng  
RT: 8.65 min Scan# 1116  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 71.7  | 107.5 |
| 115     | 33.1  | 27.9  | 41.9  |

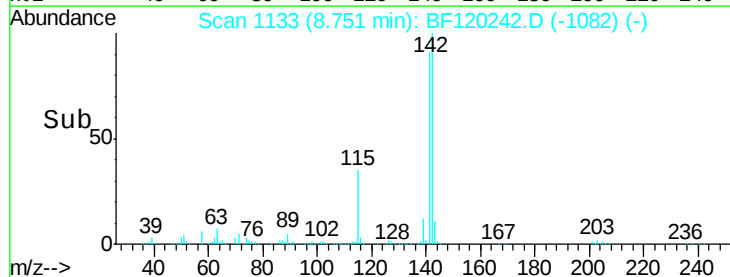
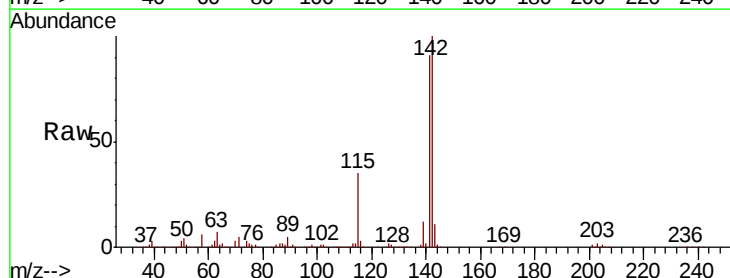
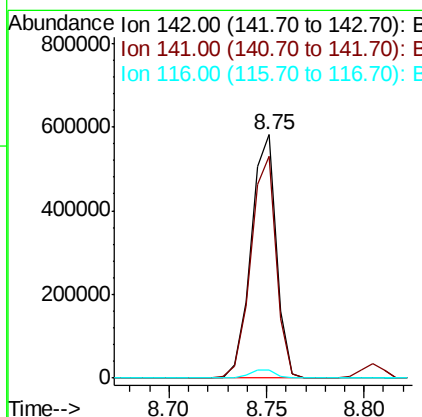
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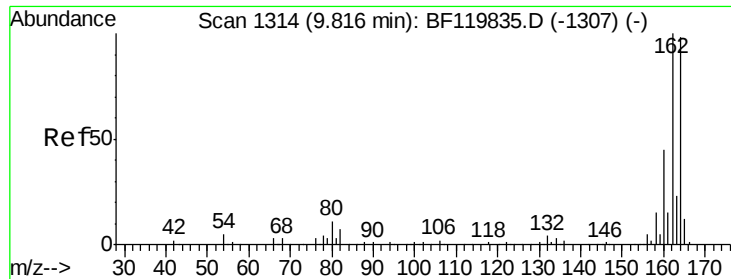
mohammad  
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#38  
1-Methylnaphthalene  
Concen: 46.354 ng  
RT: 8.75 min Scan# 1133  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 73.7  | 110.5 |
| 116     | 3.5   | 3.0   | 4.6   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

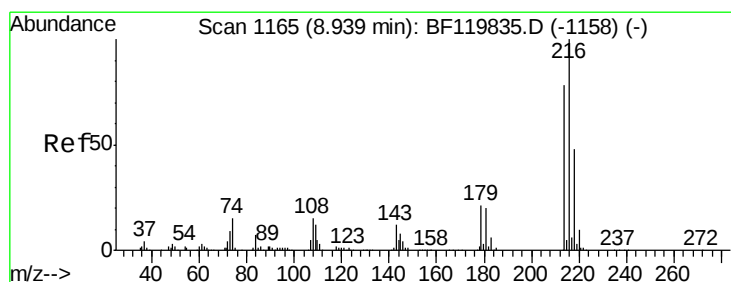
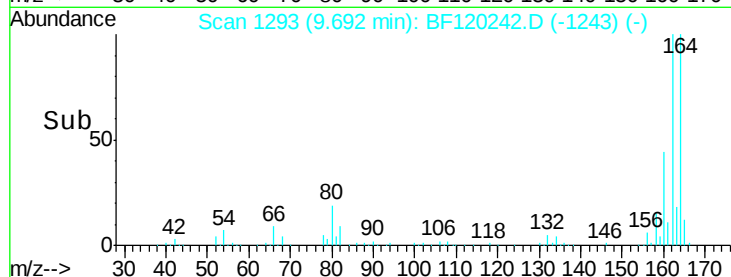
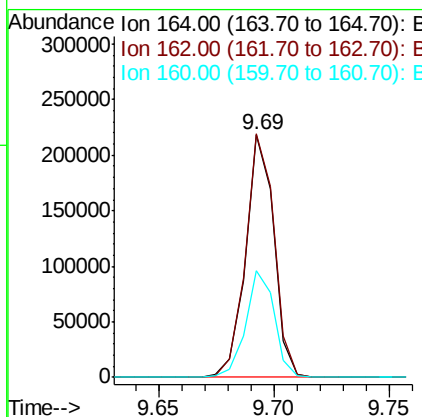
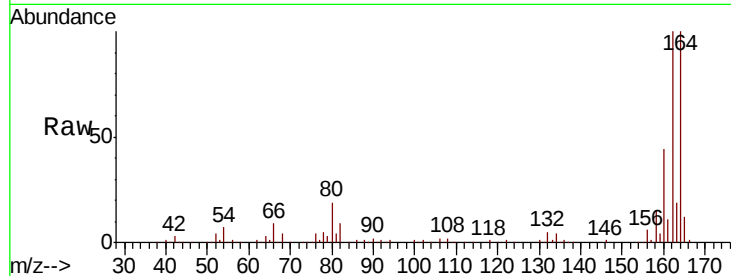
ClientSampleId :

PB128574BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 187243 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.5 | 80.6  | 121.0  |
| 160       | 44.0  | 35.7  | 53.5   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.080 ng

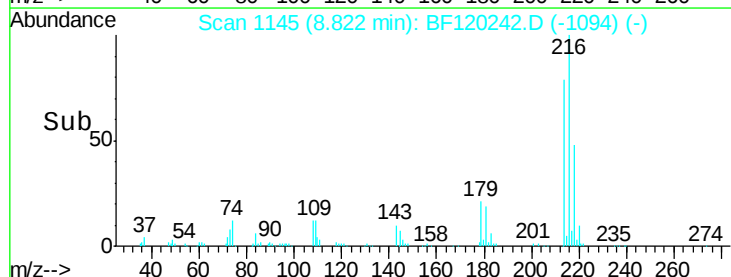
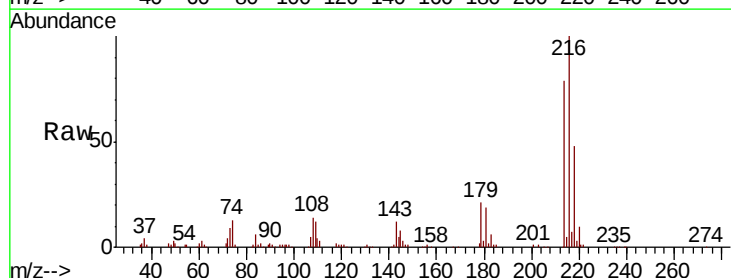
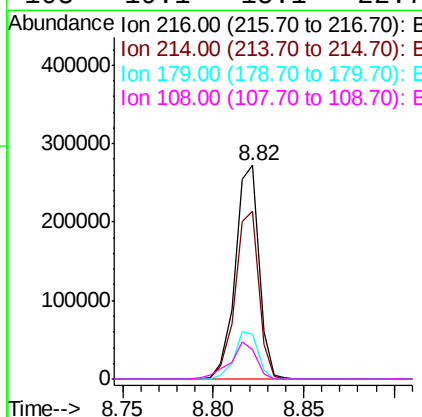
RT: 8.82 min Scan# 1145

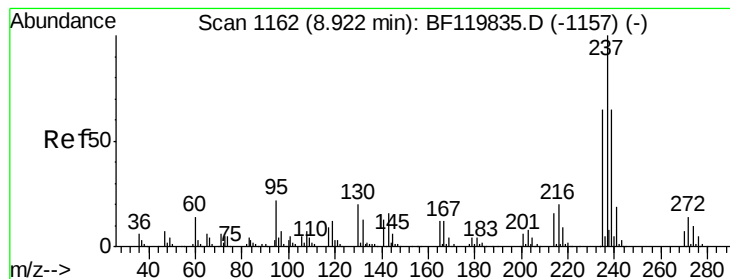
Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 248861 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.5  | 63.2  | 94.8   |
| 179       | 21.8  | 17.1  | 25.7   |
| 108       | 19.1  | 15.1  | 22.7   |





#41

Hexachlorocyclopentadiene

Concen: 65.869 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

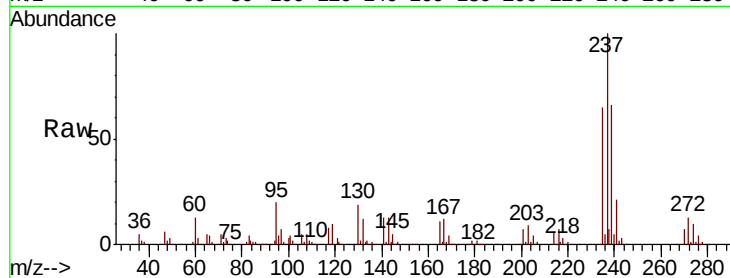
ClientSampleId :

PB128574BSD

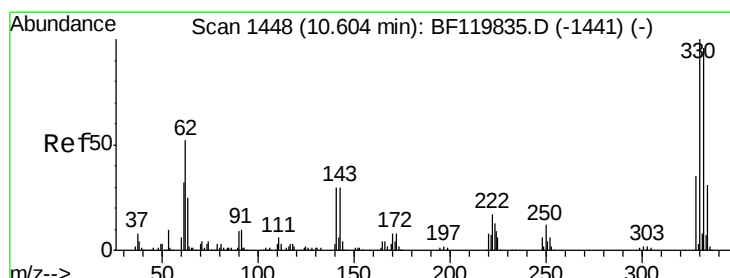
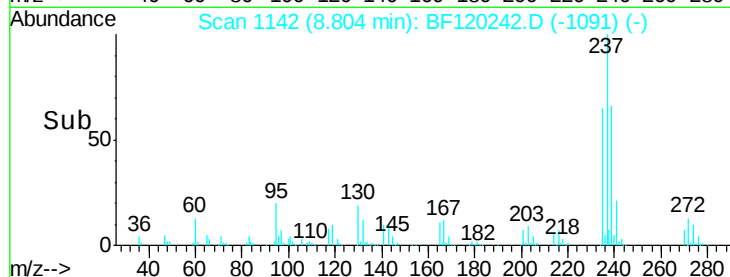
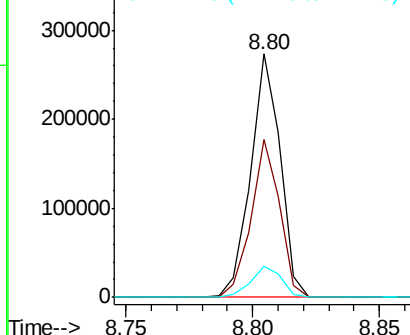
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 64.8 | 43.2  | 83.2 |       |       |
| 272     | 12.8 | 0.0   | 34.1 |       |       |

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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: 107.772 ng

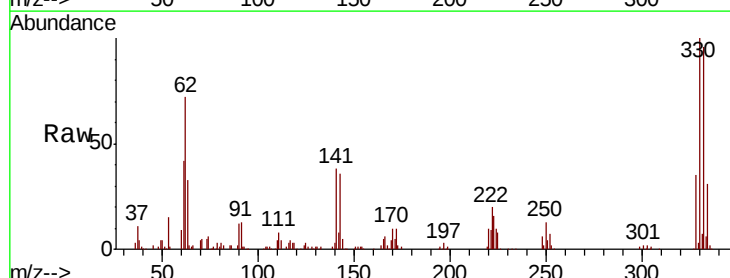
RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

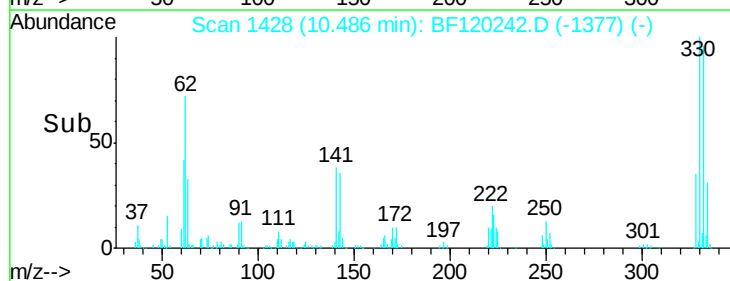
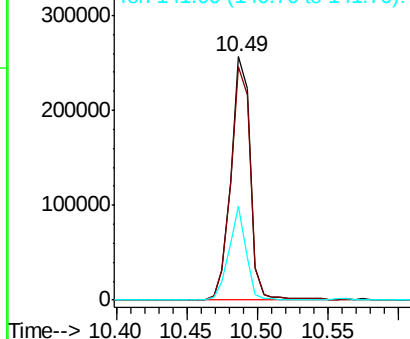
Lab File: BF120242.D

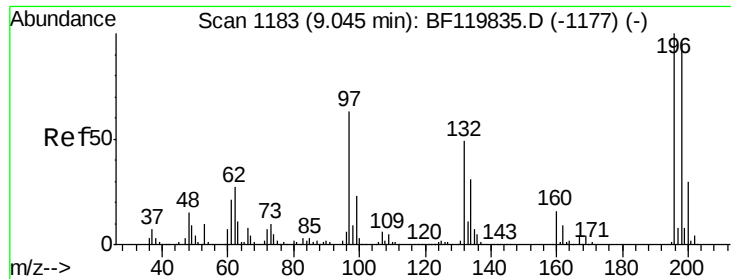
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 330     | 100  |       |       |       |       |
| 332     | 97.8 | 75.7  | 113.5 |       |       |
| 141     | 34.2 | 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





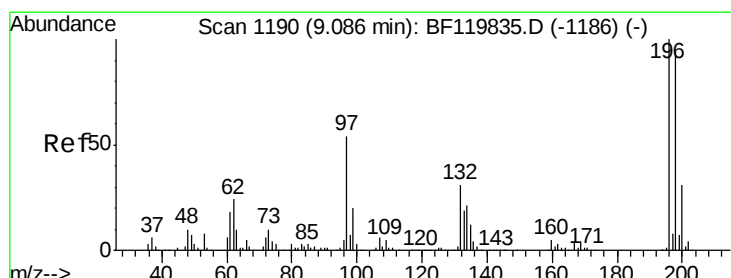
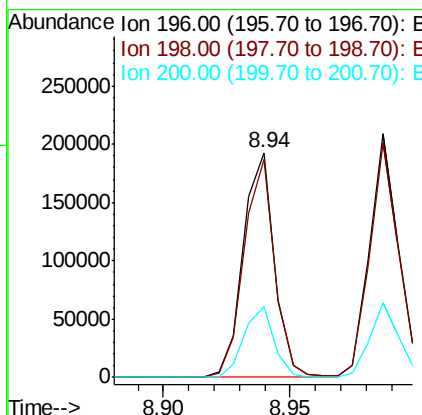
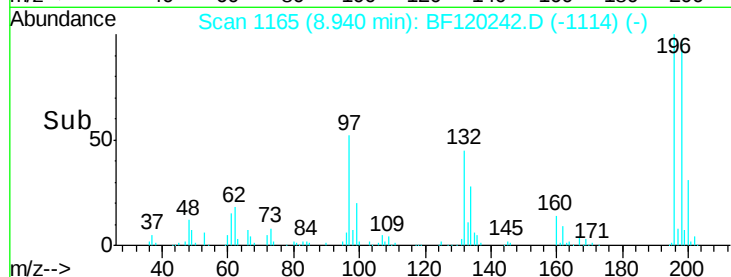
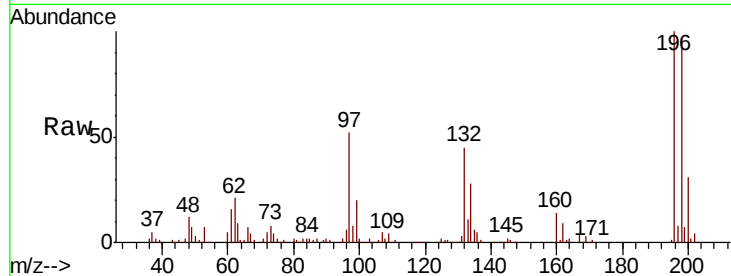
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.522 ng  
 RT: 8.94 min Scan# 1165  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 165486 |       |       |
| 198     | 96.8  | 76.6   | 115.0 |       |
| 200     | 31.2  | 24.6   | 36.8  |       |

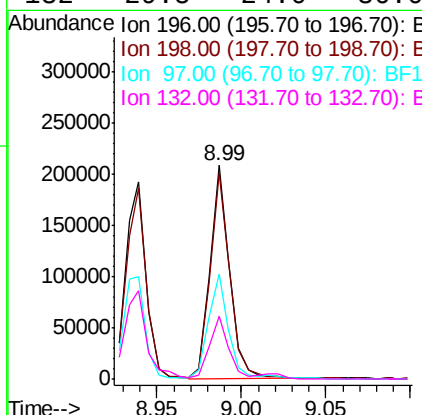
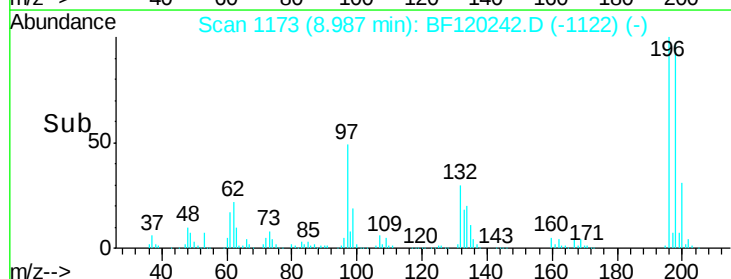
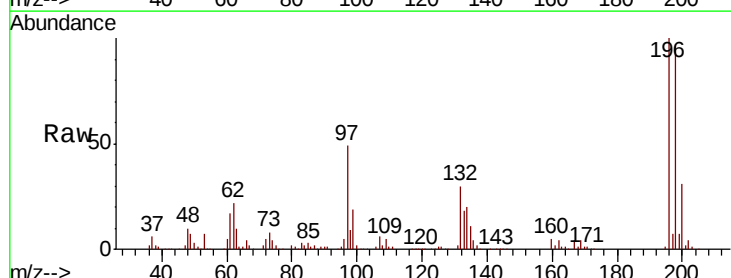
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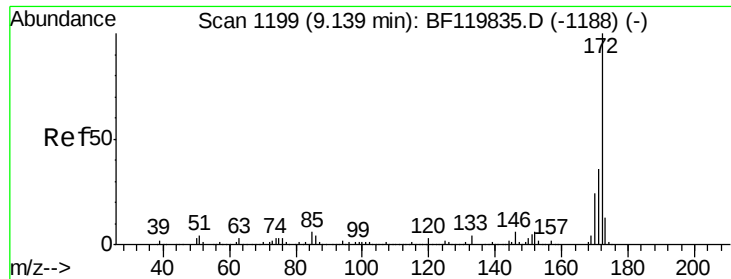
mohammad  
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#44  
 2,4,5-Trichlorophenol  
 Concen: 36.972 ng  
 RT: 8.99 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 170056 |       |       |
| 198     | 96.5  | 73.8   | 110.8 |       |
| 97      | 49.3  | 42.6   | 63.8  |       |
| 132     | 29.5  | 24.0   | 36.0  |       |





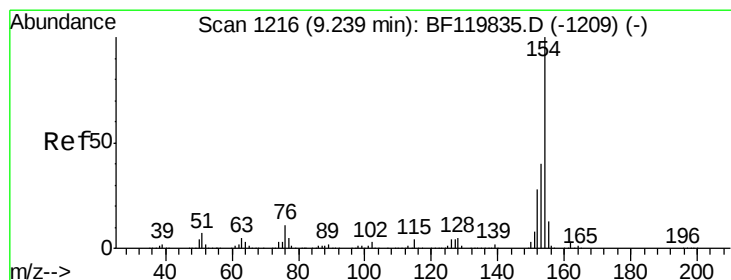
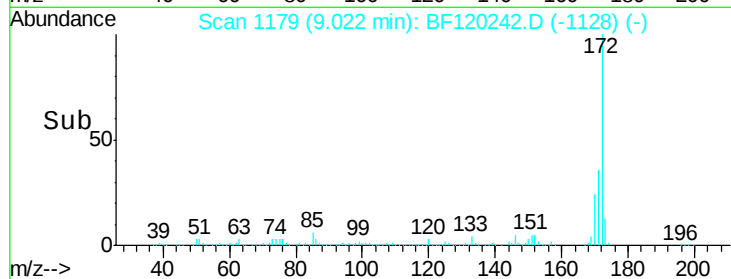
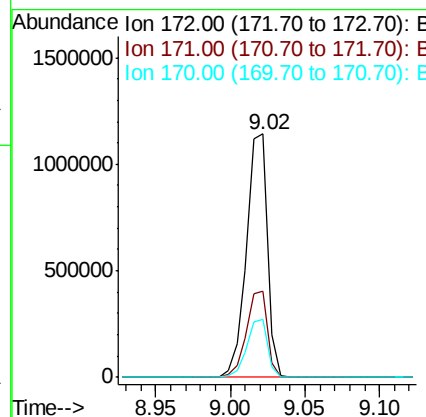
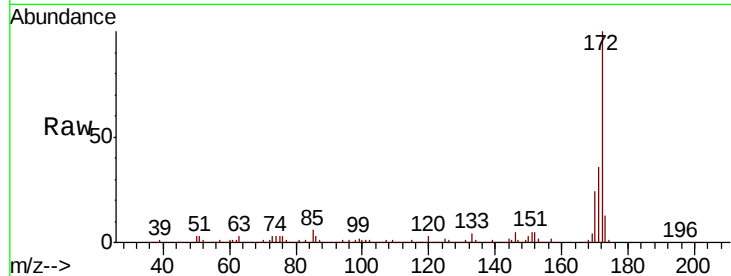
#45  
 2-Fluorobiphenyl  
 Concen: 84.737 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.6  | 29.6  | 44.4  |
| 170     | 23.8  | 20.2  | 30.2  |

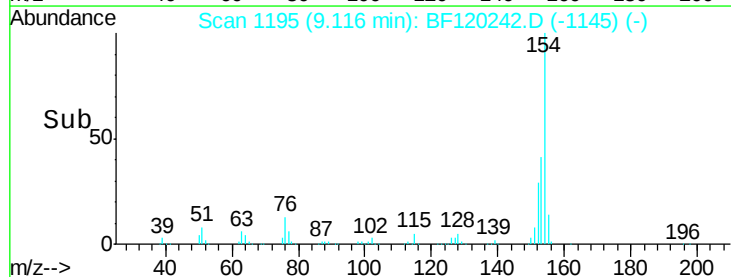
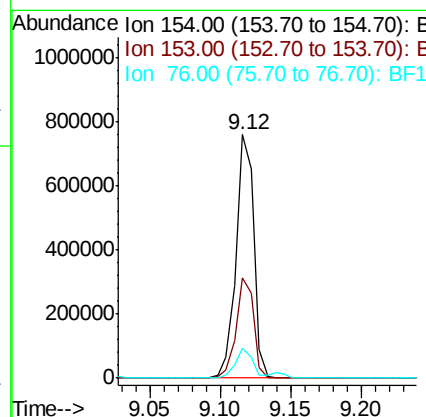
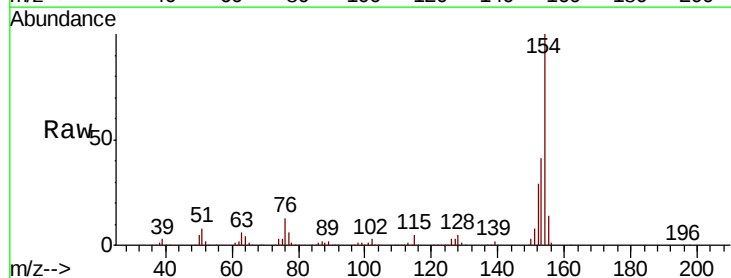
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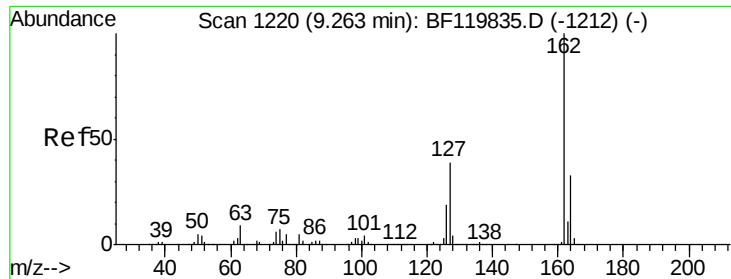
mohammad  
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#46  
 1,1'-Biphenyl  
 Concen: 41.914 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 21.4  | 61.4  |
| 76      | 12.5  | 0.0   | 33.0  |





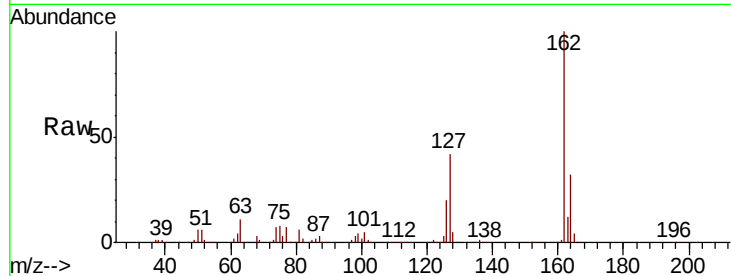
#47  
 2-Chloronaphthalene  
 Concen: 42.548 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

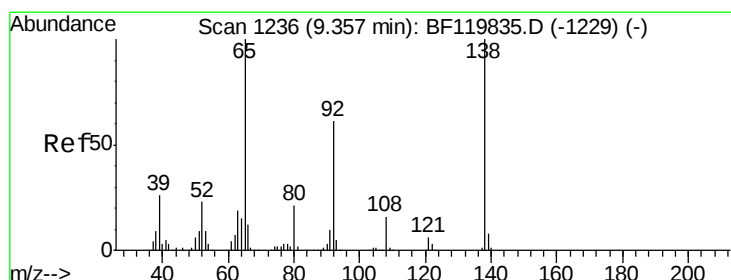
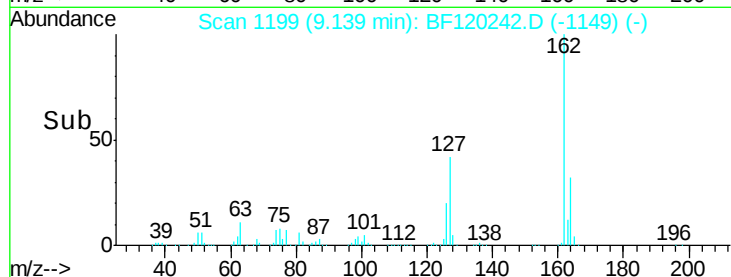
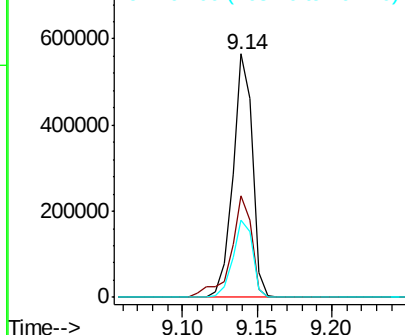
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 518020 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.9  | 33.7  | 50.5   |
| 164       | 31.8  | 26.3  | 39.5   |

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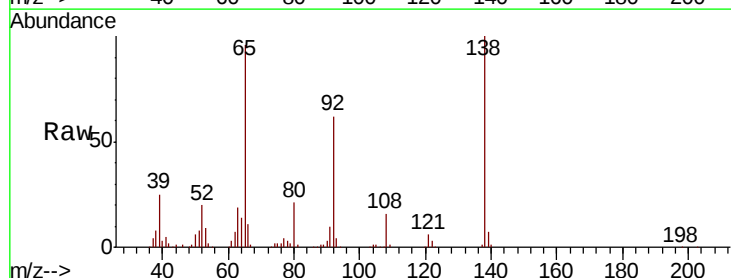


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

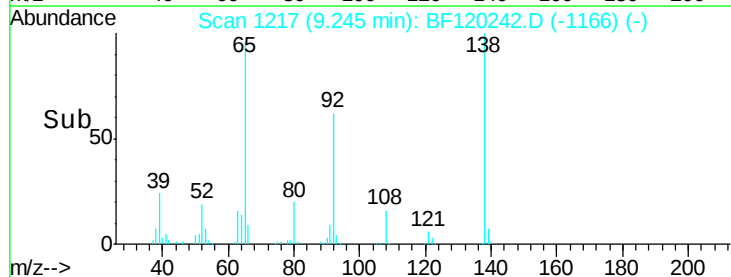
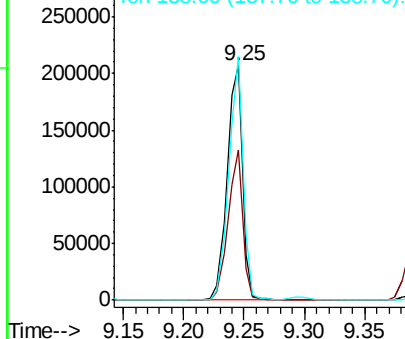


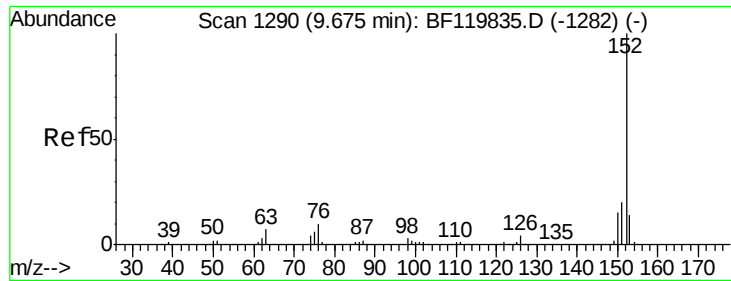
#48  
 2-Nitroaniline  
 Concen: 41.723 ng  
 RT: 9.25 min Scan# 1217  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 184084 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 63.9  | 50.0  | 75.0   |
| 138       | 103.8 | 75.0  | 112.4  |



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





#49

Acenaphthylene

Concen: 43.915 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

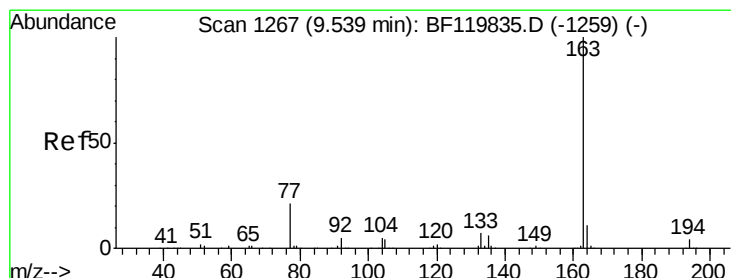
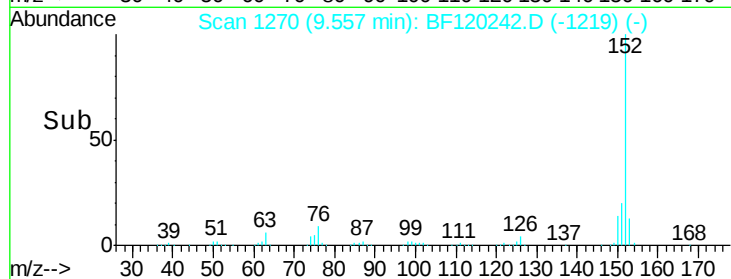
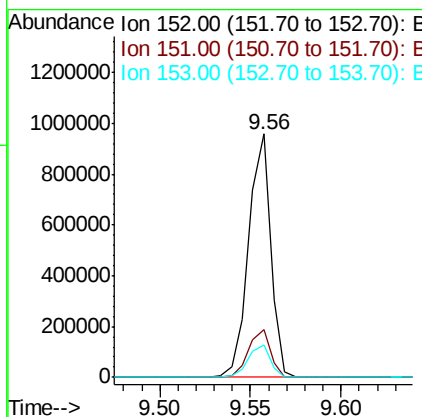
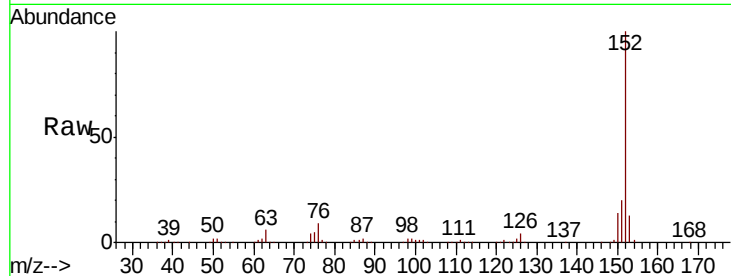
ClientSampleId :

PB128574BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 813105 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.9  | 17.2  | 25.8   |
| 153       | 13.2  | 11.2  | 16.8   |

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#50

Dimethylphthalate

Concen: 41.742 ng

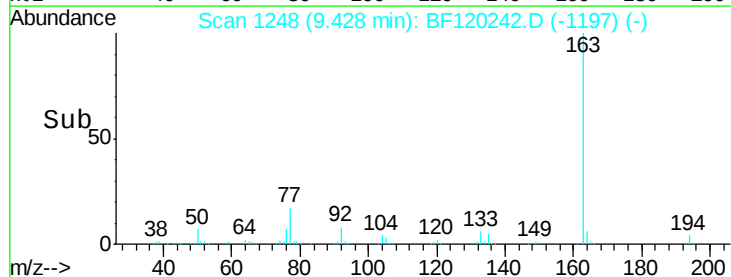
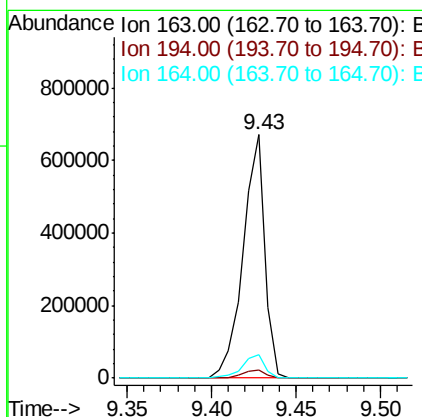
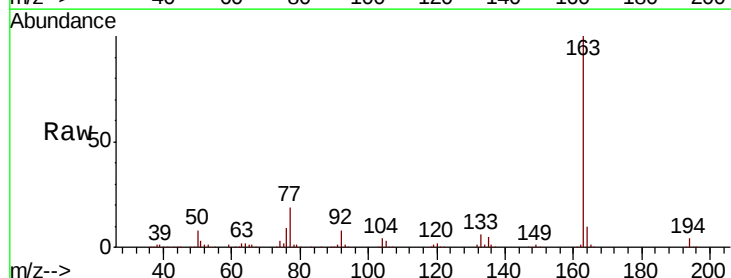
RT: 9.43 min Scan# 1248

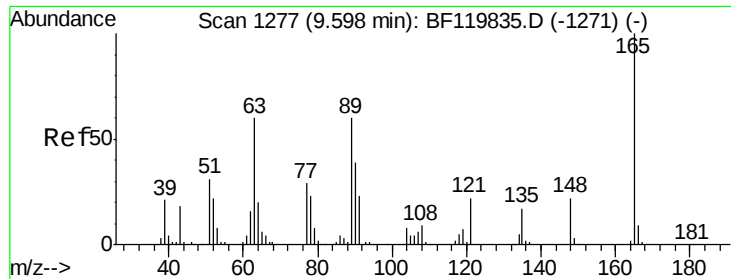
Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 604550 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.6   | 3.1   | 4.7    |
| 164       | 9.7   | 8.2   | 12.2   |





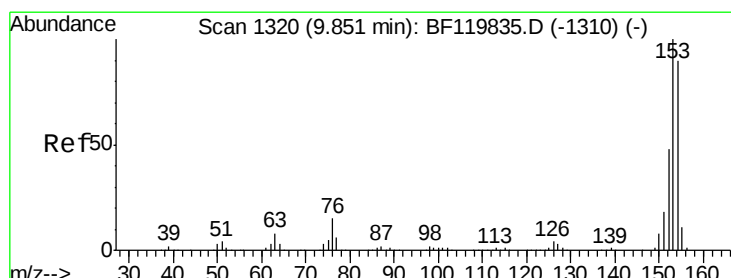
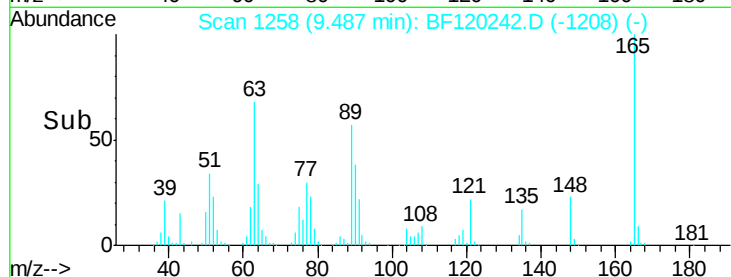
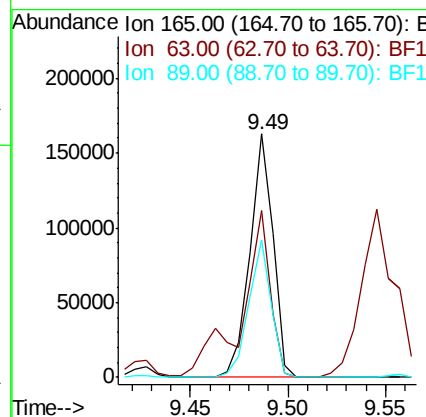
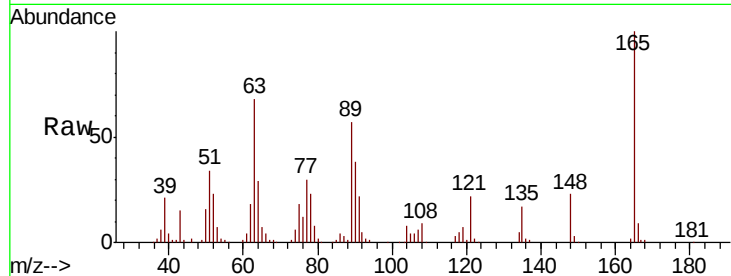
#51  
 2,6-Dinitrotoluene  
 Concen: 42.152 ng  
 RT: 9.49 min Scan# 1258  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 68.5  | 45.0       | 67.4# |
| 89      | 56.6  | 41.5       | 62.3  |

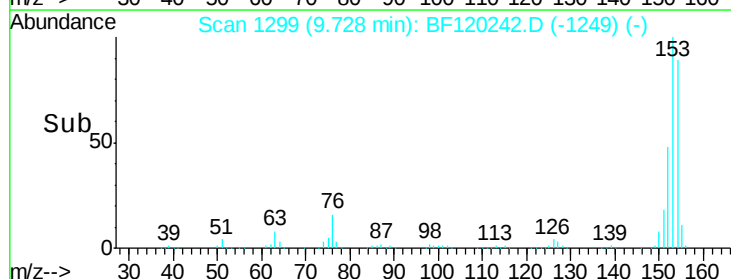
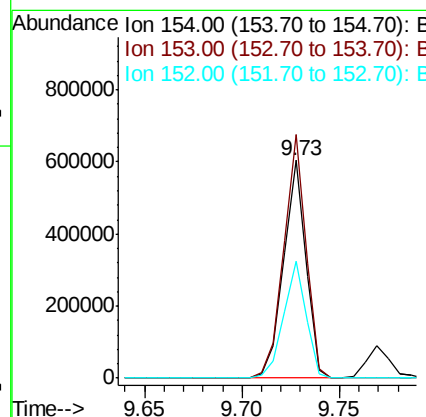
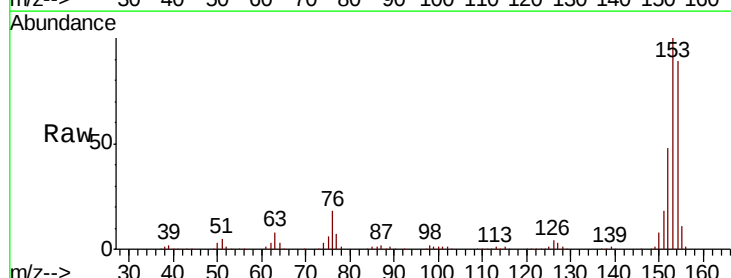
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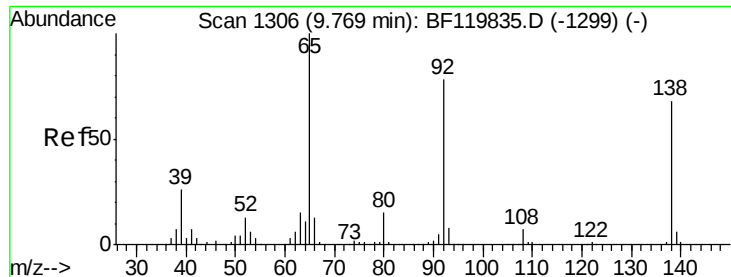
mohammad  
 5/4/2020 8:19:00 AM



#52  
 Acenaphthene  
 Concen: 39.013 ng  
 RT: 9.73 min Scan# 1299  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 111.9 | 88.1       | 132.1 |
| 152     | 53.6  | 43.0       | 64.4  |





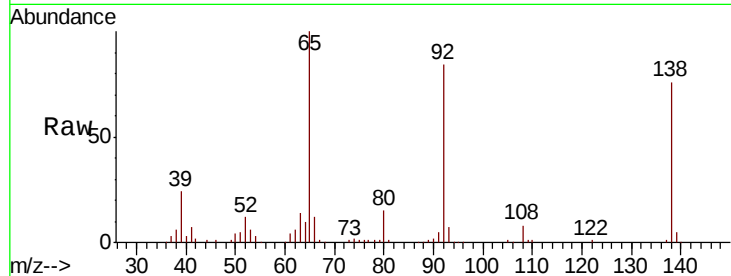
#53  
3-Nitroaniline  
Concen: 29.257 ng  
RT: 9.66 min Scan# 1287  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

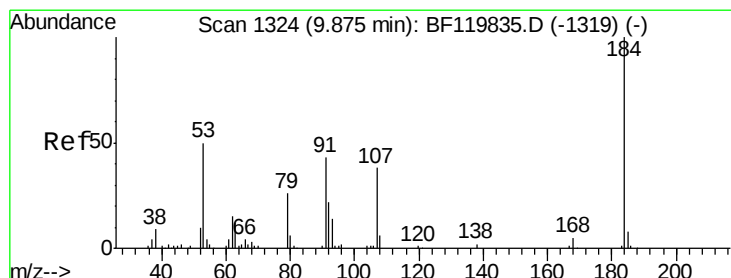
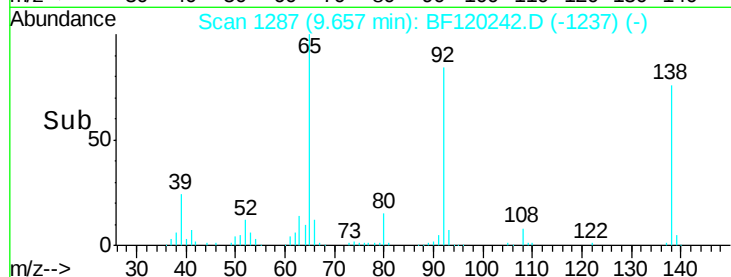
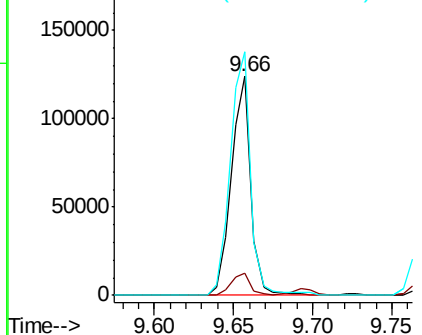
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 8.6   | 13.0  |
| 92      | 111.1 | 95.4  | 143.0 |

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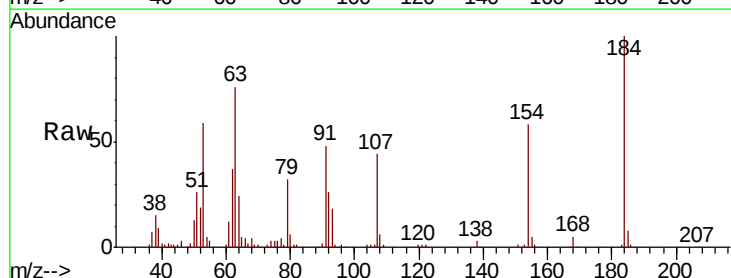


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

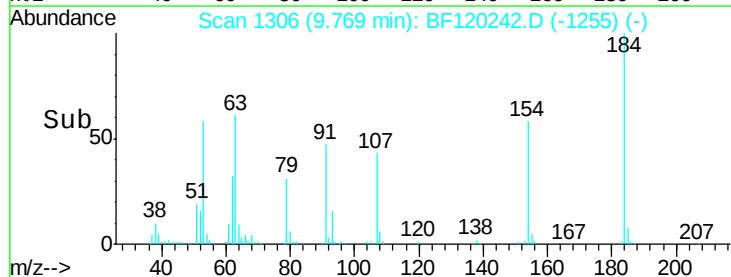
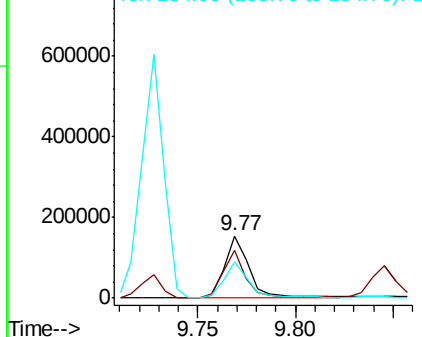


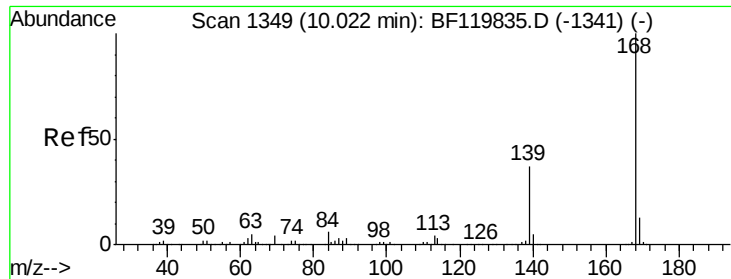
#54  
2,4-Dinitrophenol  
Concen: 72.607 ng  
RT: 9.77 min Scan# 1306  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 76.1  | 50.2  | 75.4# |
| 154     | 57.7  | 44.5  | 66.7  |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E





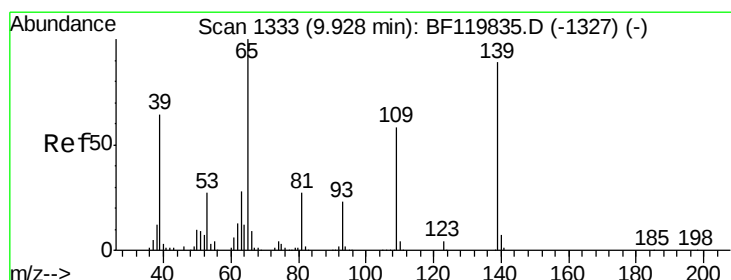
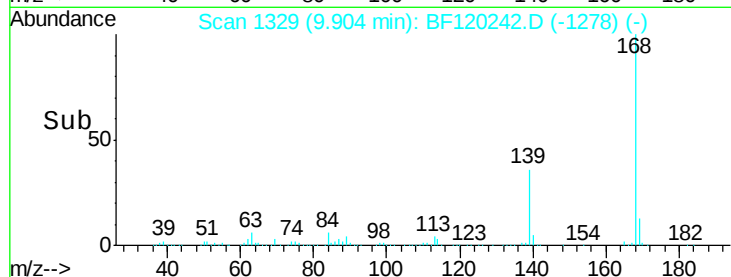
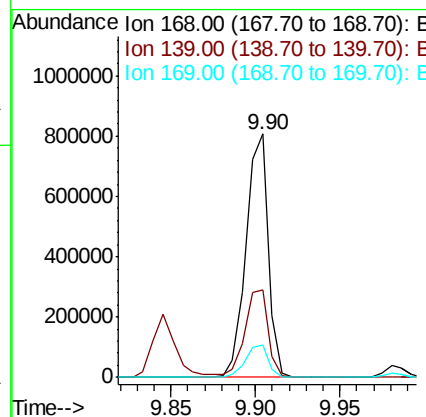
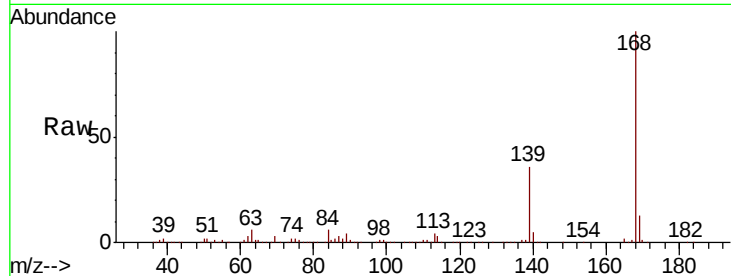
#55  
Dibenzofuran  
Concen: 43.677 ng  
RT: 9.90 min Scan# 1329  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.0  | 30.1  | 45.1  |
| 169     | 13.3  | 11.0  | 16.6  |

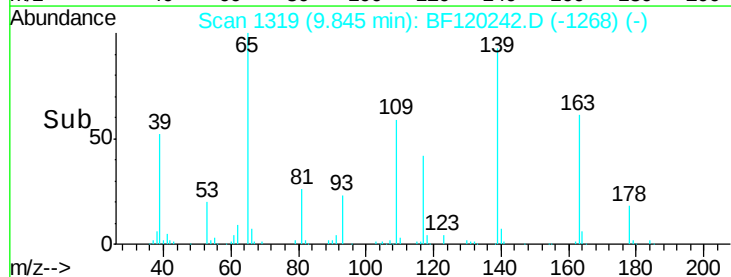
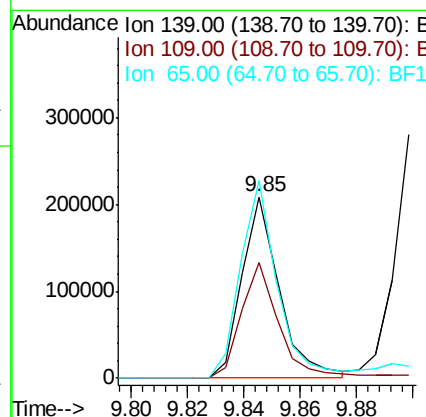
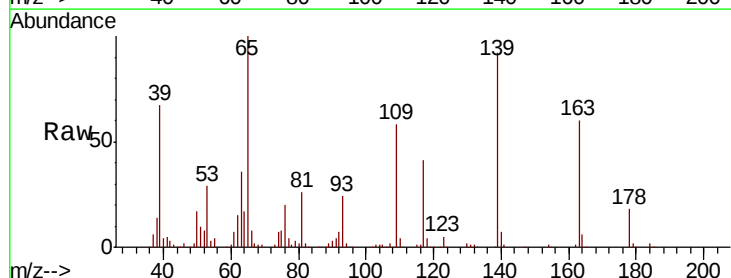
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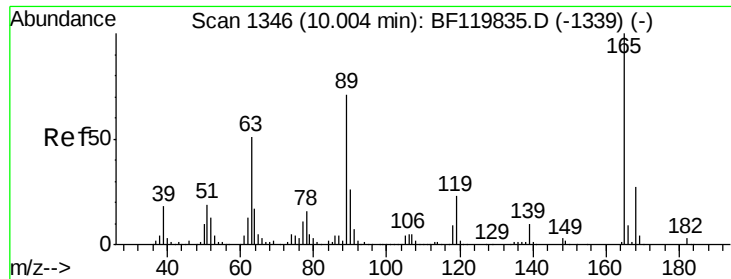
mohammad  
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#56  
4-Nitrophenol  
Concen: 71.514 ng  
RT: 9.85 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 63.6  | 43.3  | 83.3  |
| 65      | 108.8 | 91.0  | 131.0 |





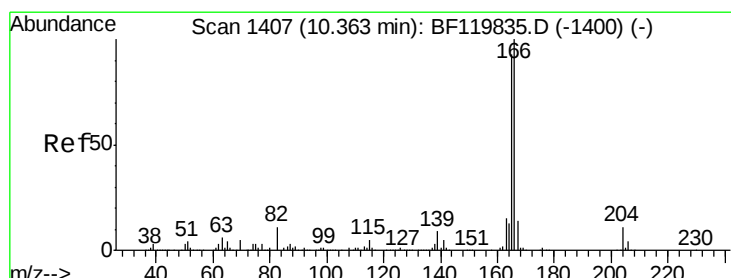
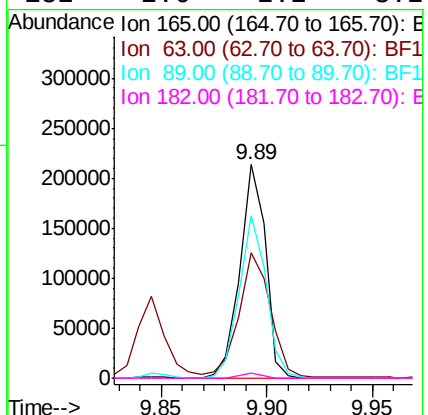
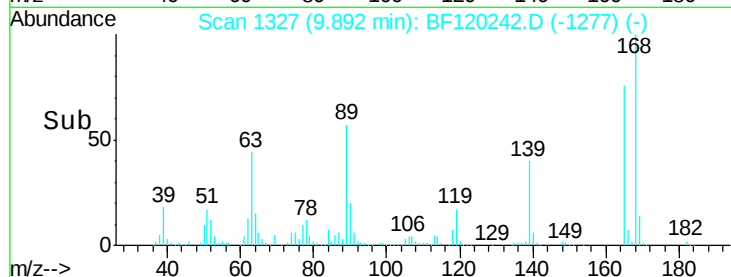
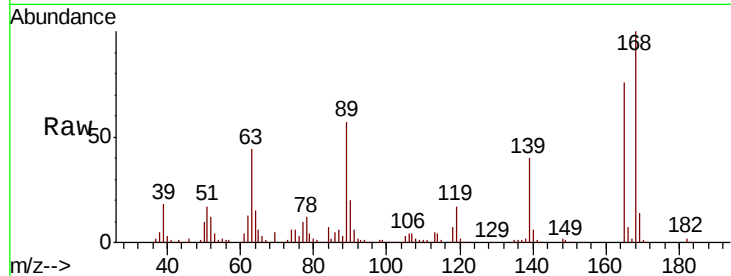
#57  
2,4-Dinitrotoluene  
Concen: 43.001 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 179682 |       |       |
| 63      | 58.7 | 42.6  | 64.0   |       |       |
| 89      | 76.0 | 61.0  | 91.4   |       |       |
| 182     | 2.6  | 2.2   | 3.2    |       |       |

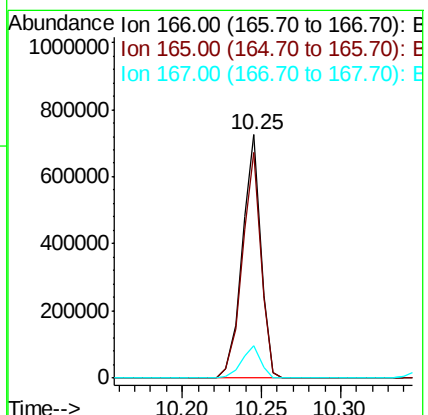
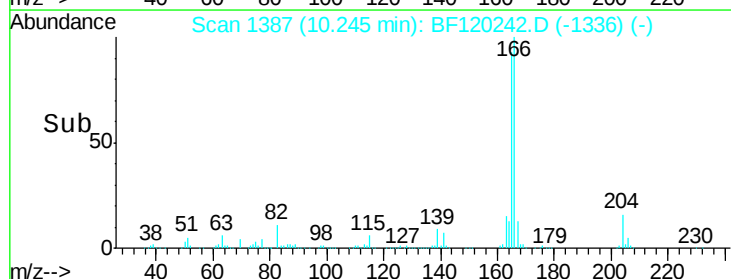
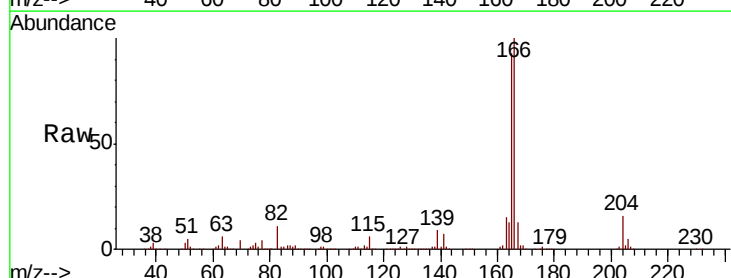
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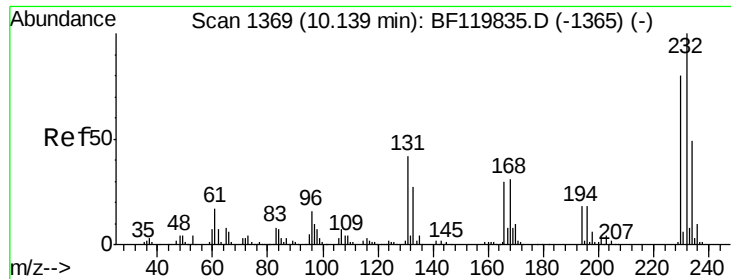
mohammad  
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#58  
Fluorene  
Concen: 43.385 ng  
RT: 10.25 min Scan# 1387  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 588075 |       |       |
| 165     | 92.9 | 75.4  | 113.2  |       |       |
| 167     | 13.2 | 11.2  | 16.8   |       |       |





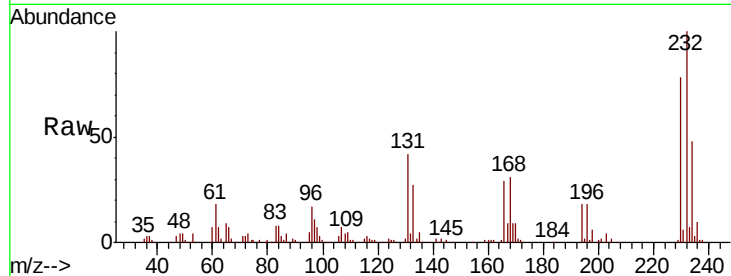
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.269 ng  
 RT: 10.03 min Scan# 1350  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 232     | 100  |       | 148698 |       |       |
| 131     | 43.0 |       | 37.5   | 56.3  |       |
| 130     | 1.9  |       | 1.8    | 2.6   |       |
| 166     | 29.6 |       | 24.6   | 36.8  |       |

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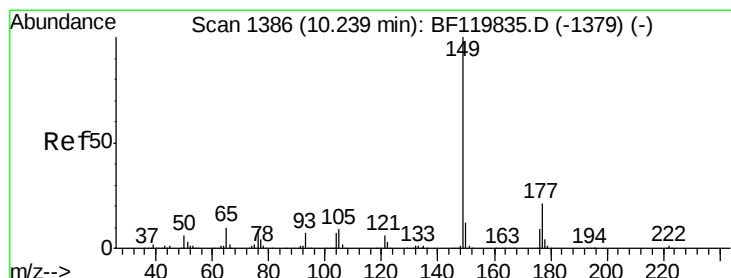
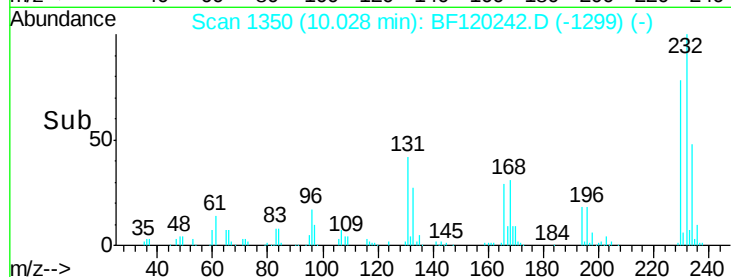
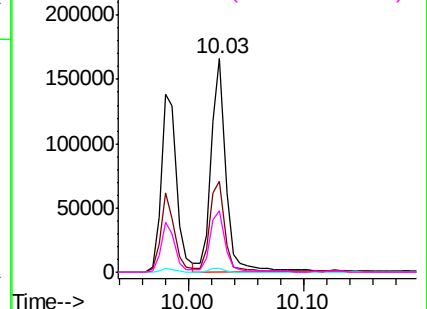
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

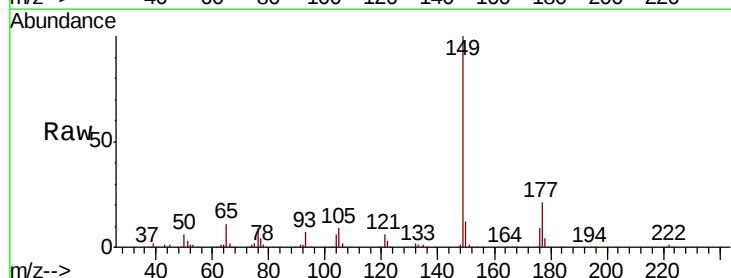
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 41.117 ng  
 RT: 10.13 min Scan# 1367  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 617189 |       |       |
| 177     | 20.9 |       | 17.0   | 25.6  |       |
| 150     | 12.3 |       | 10.1   | 15.1  |       |

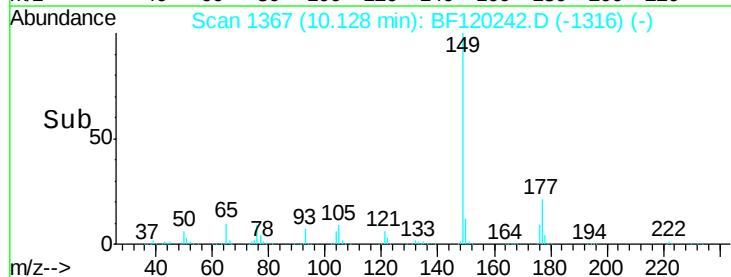
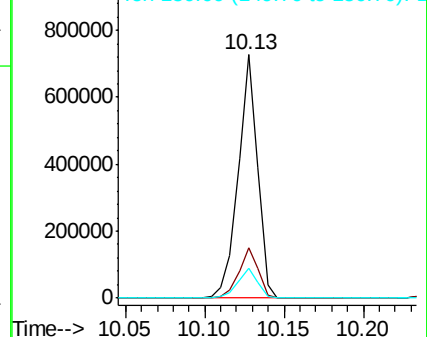


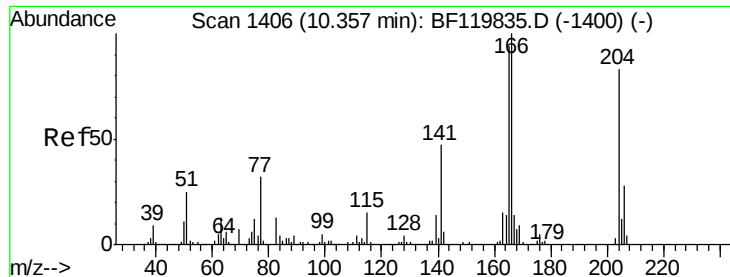
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





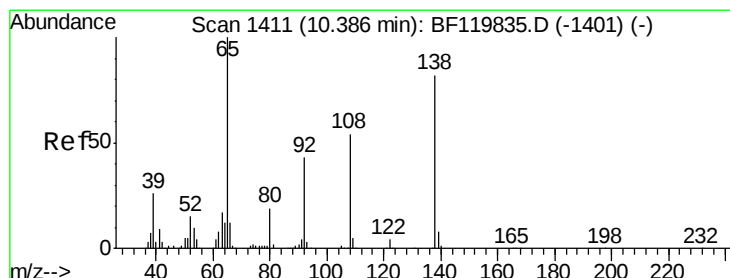
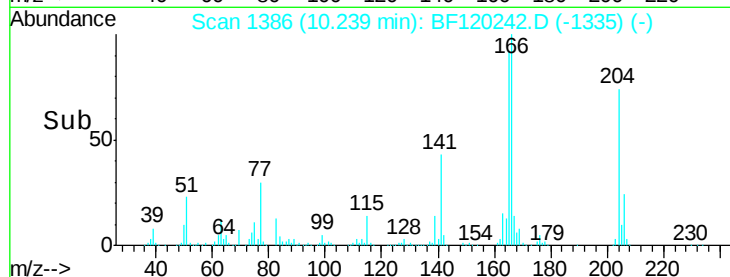
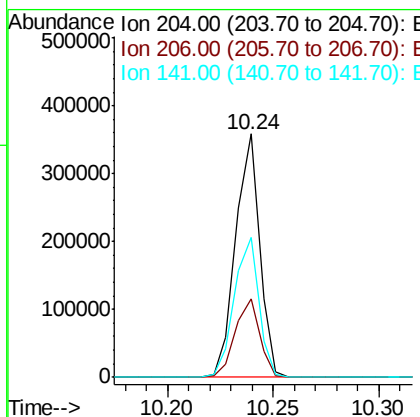
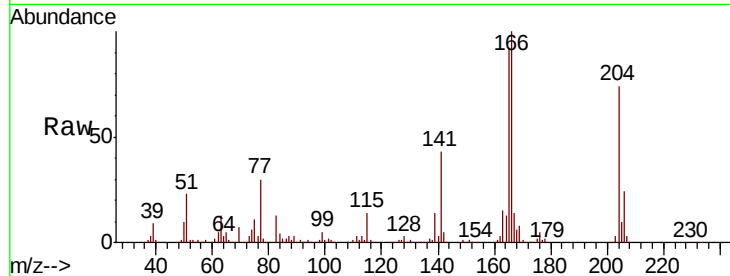
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.581 ng  
 RT: 10.24 min Scan# 1386  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 281930 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.1  | 26.7  | 40.1   |
| 141       | 57.4  | 47.3  | 70.9   |

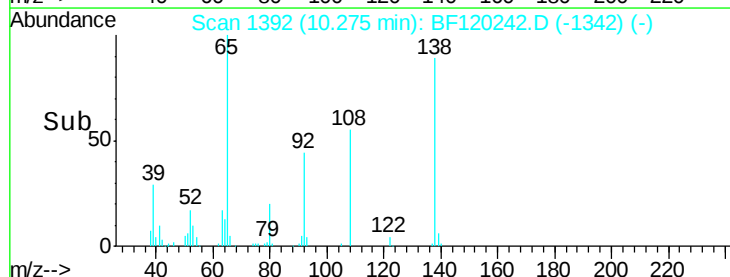
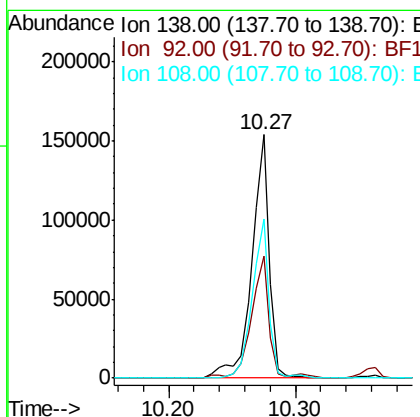
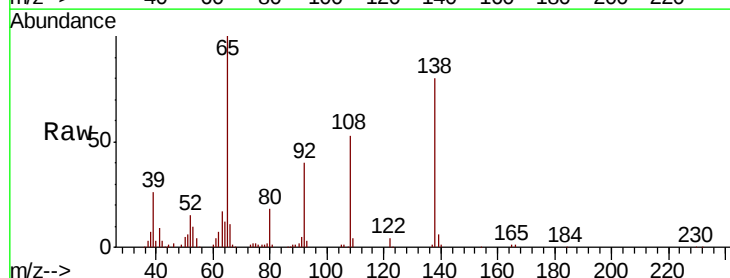
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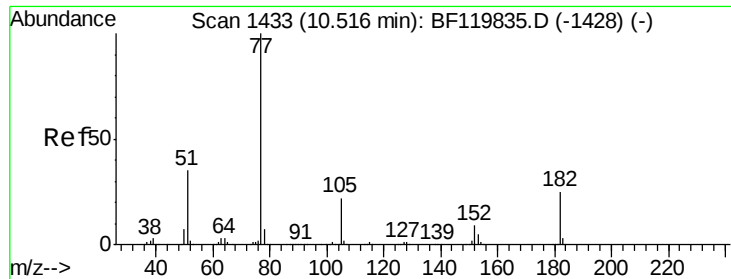
mohammad  
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#62  
 4-Nitroaniline  
 Concen: 43.139 ng  
 RT: 10.27 min Scan# 1392  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 148916 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 50.0  | 31.5  | 71.5   |
| 108       | 65.5  | 45.8  | 85.8   |





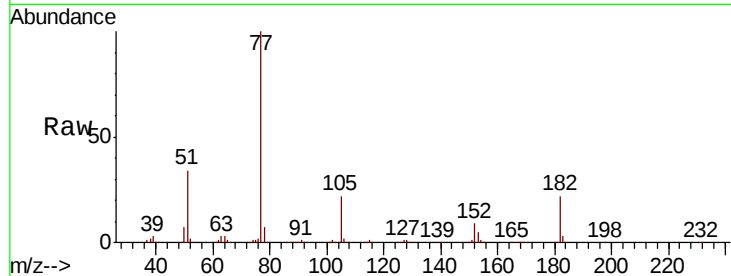
#63  
Azobenzene  
Concen: 43.643 ng  
RT: 10.40 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 22.4 | 4.4   | 44.4  |       |
| 105     | 21.6 | 2.6   | 42.6  |       |
| 51      | 33.8 | 15.1  | 55.1  |       |

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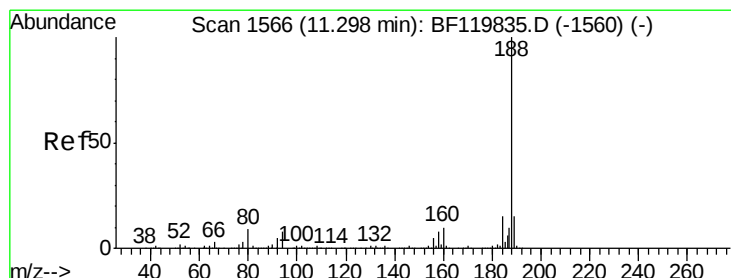
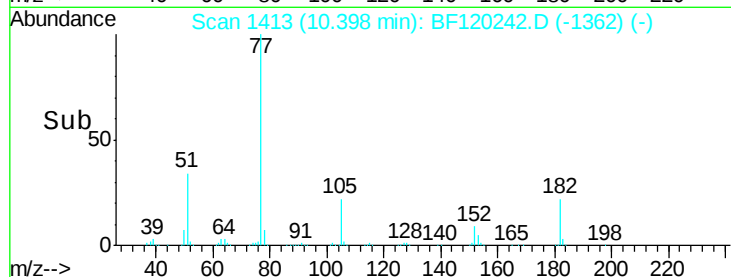
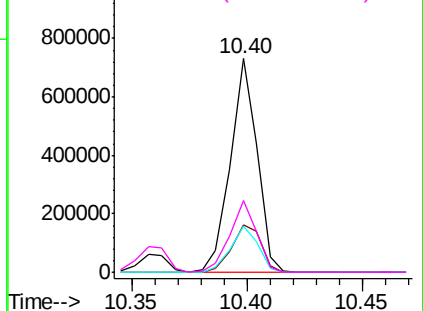


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



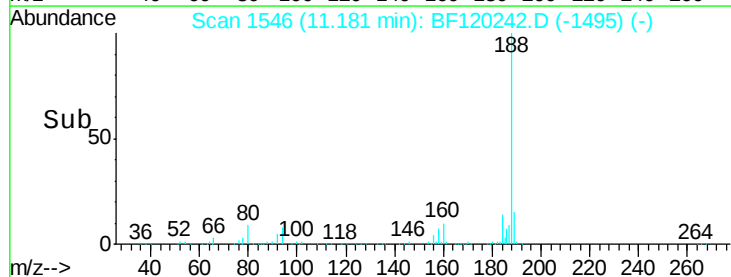
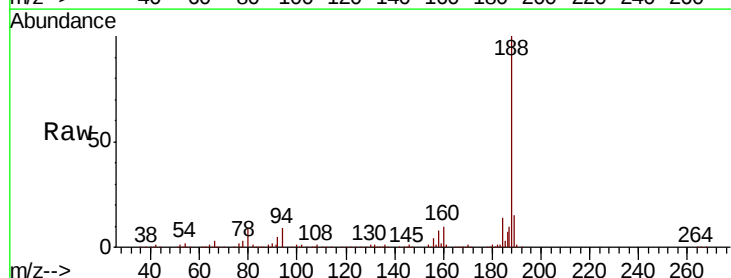
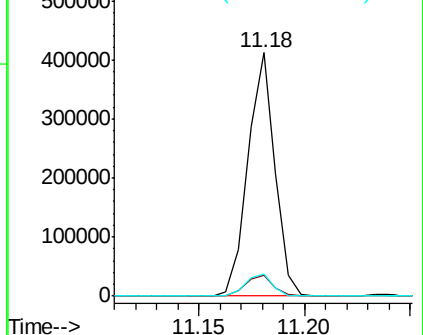
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.18 min Scan# 1546  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

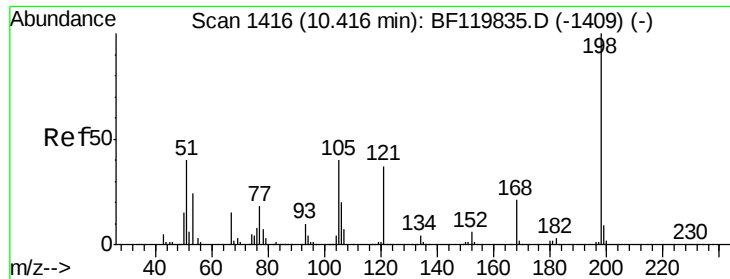
| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 8.7 | 7.5   | 11.3  |       |
| 80      | 9.2 | 9.0   | 13.4  |       |

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





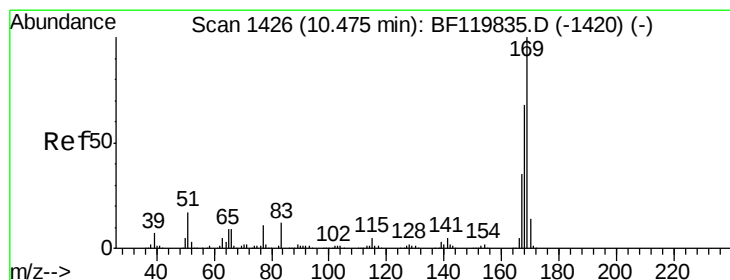
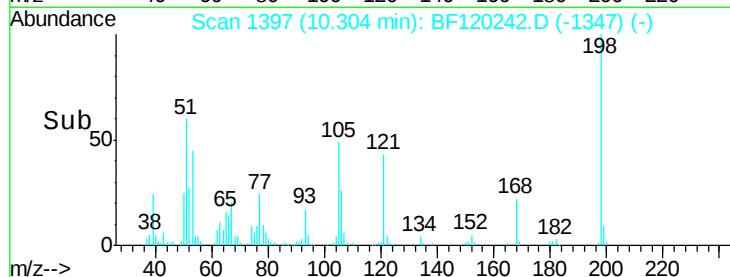
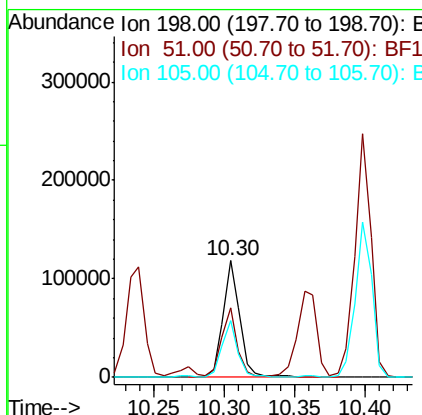
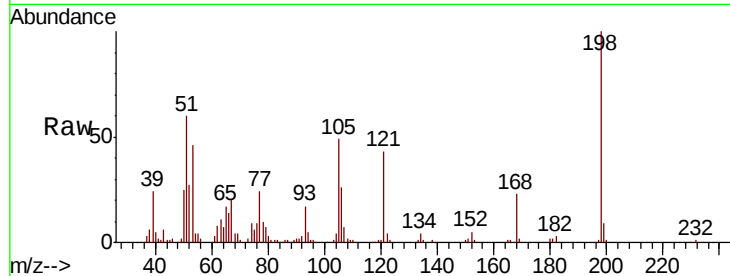
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.265 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 99116 |       |       |
| 51      | 60.1  | 29.0  | 69.0  |       |
| 105     | 48.6  | 22.2  | 62.2  |       |

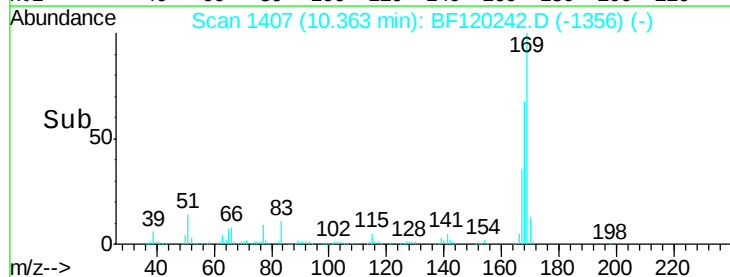
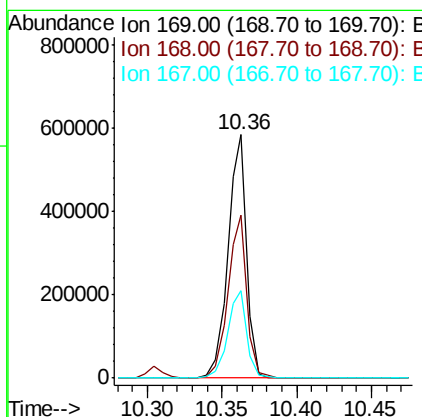
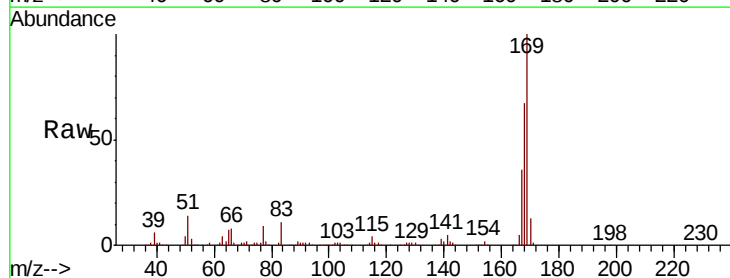
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#66  
n-Nitrosodiphenylamine  
Concen: 42.581 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 516297 |       |       |
| 168     | 66.8  | 53.2   | 79.8  |       |
| 167     | 36.0  | 29.1   | 43.7  |       |





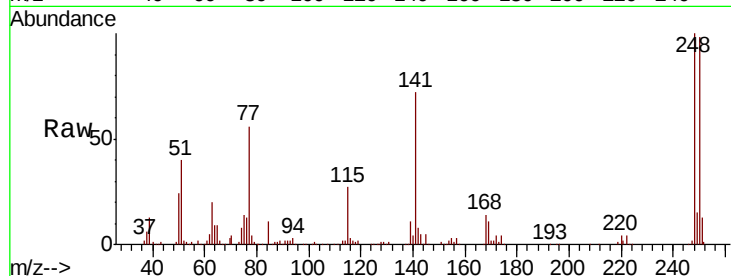
#67  
4-Bromophenyl-phenylether  
Concen: 37.430 ng  
RT: 10.73 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 77.3  | 115.9 |
| 141     | 72.3  | 58.6  | 87.8  |

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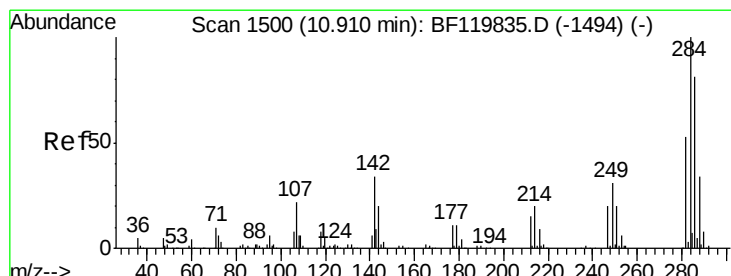
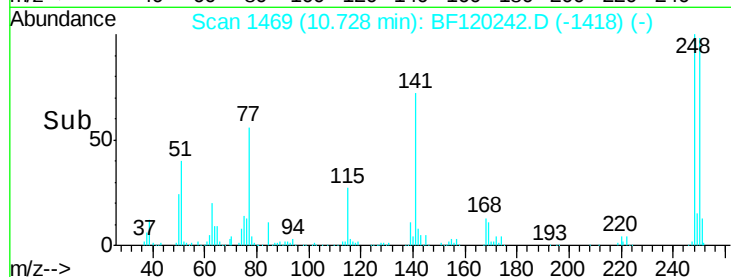
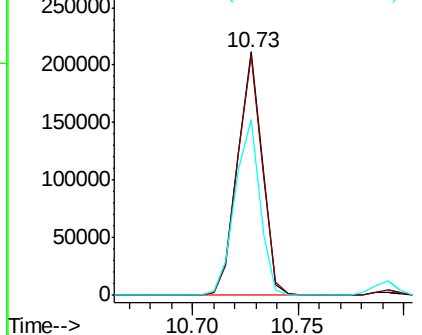


Abundance

Ion 248.00 (247.70 to 248.70): E

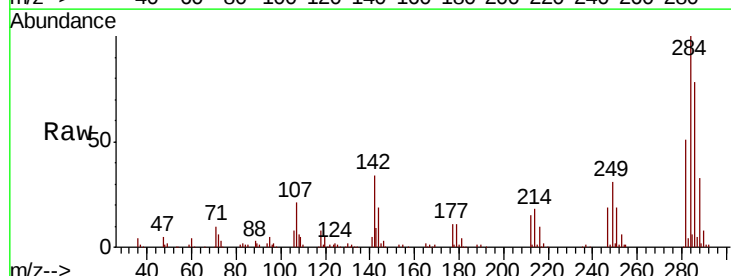
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 40.959 ng  
RT: 10.79 min Scan# 1480  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.3  | 29.2  | 43.8  |
| 249     | 31.1  | 25.1  | 37.7  |

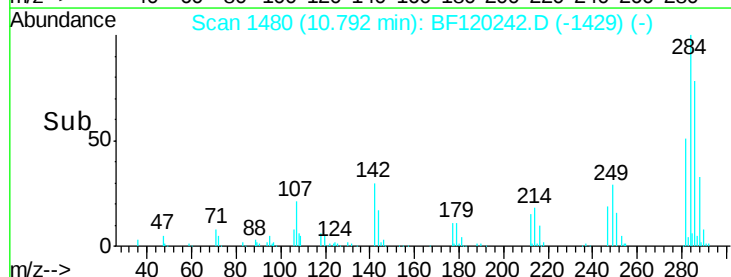
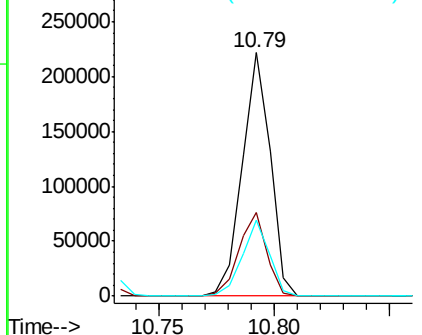


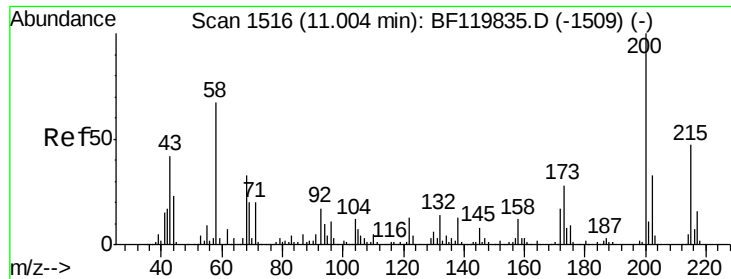
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





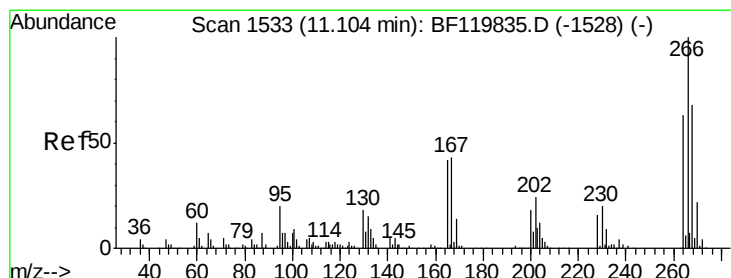
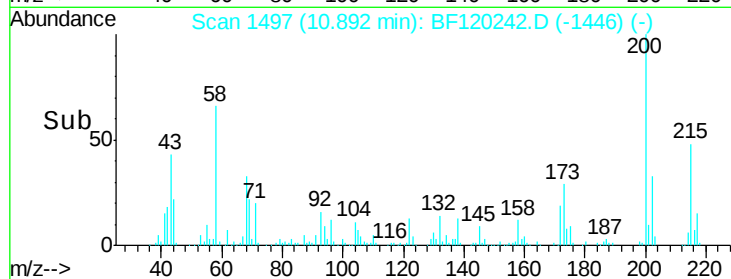
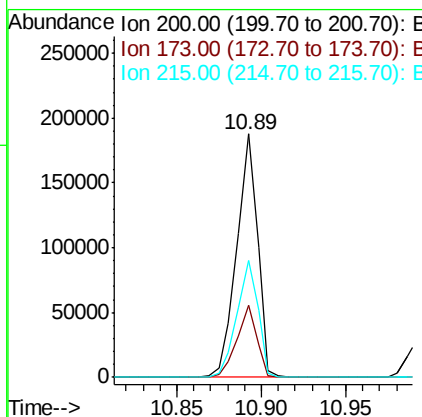
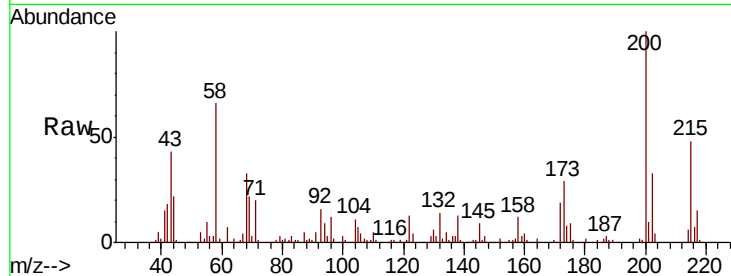
#69  
Atrazine  
Concen: 47.821 ng  
RT: 10.89 min Scan# 1497  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.5  | 9.3   | 49.3  |
| 215     | 48.3  | 29.5  | 69.5  |

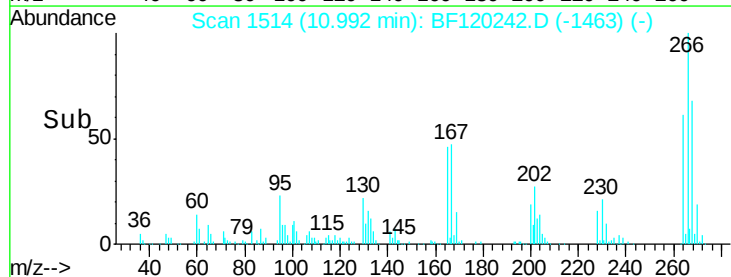
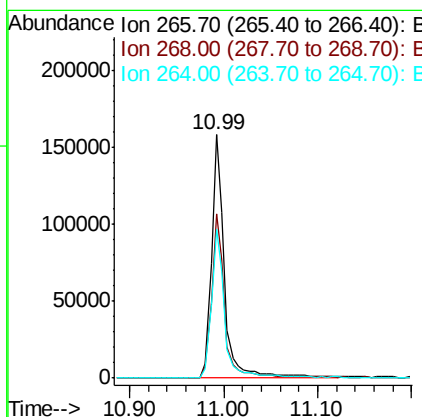
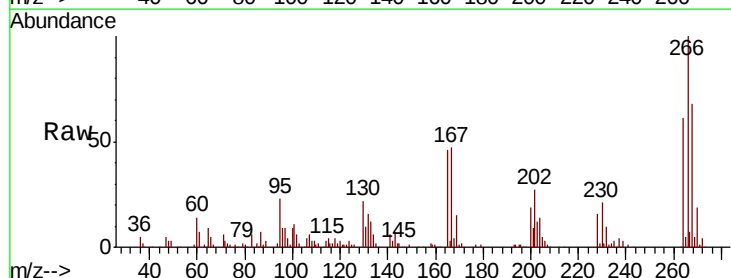
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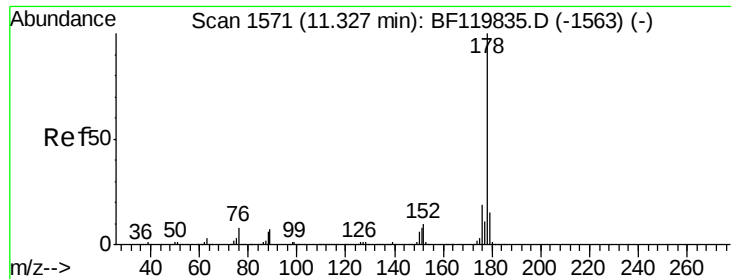
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#70  
Pentachlorophenol  
Concen: 59.030 ng  
RT: 10.99 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.6  | 53.3  | 79.9  |
| 264     | 61.4  | 49.0  | 73.4  |





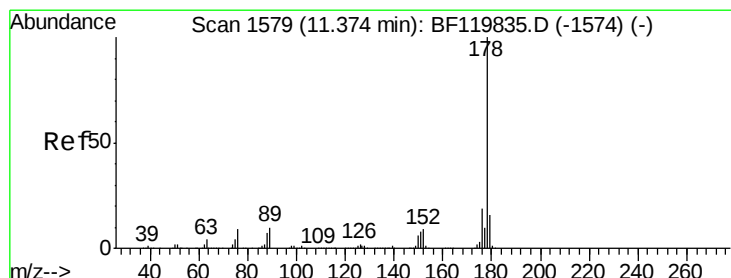
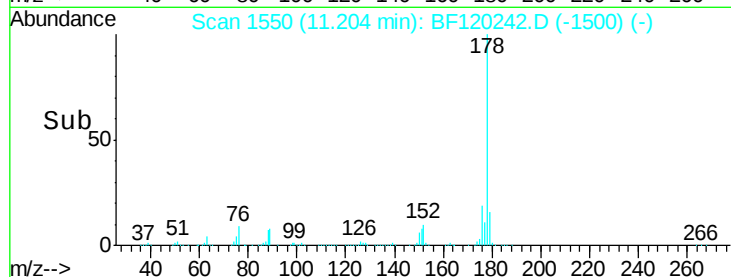
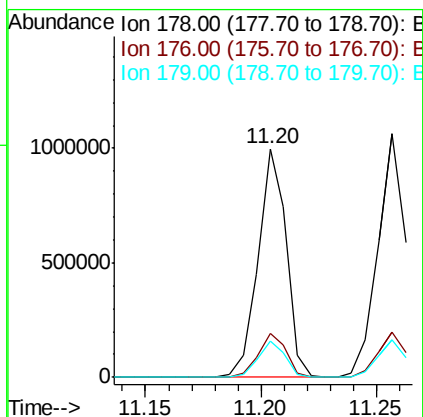
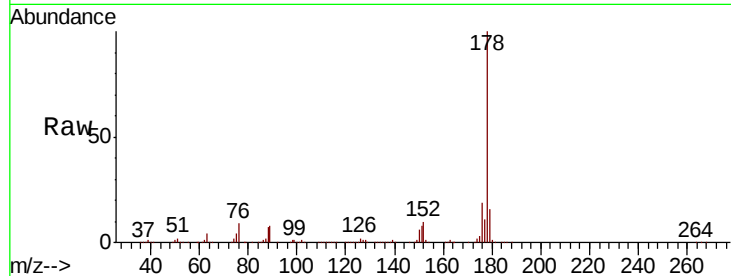
#71  
Phenanthrene  
Concen: 43.988 ng  
RT: 11.20 min Scan# 1550  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 16.2  | 24.4  |
| 179     | 15.6  | 13.2  | 19.8  |

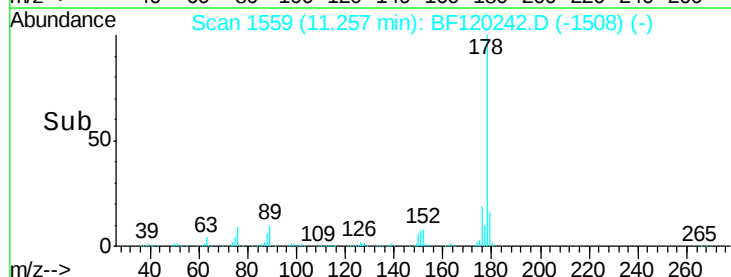
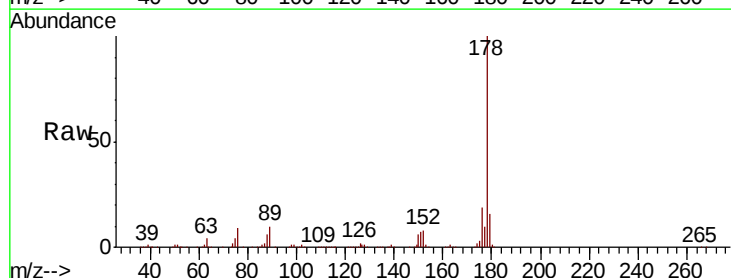
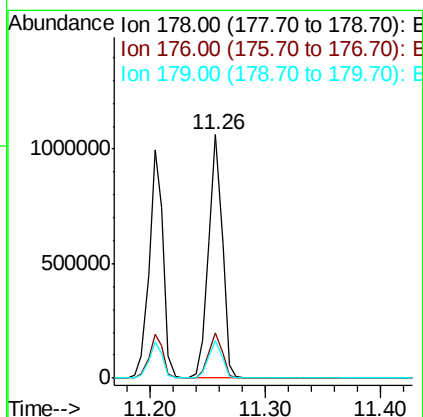
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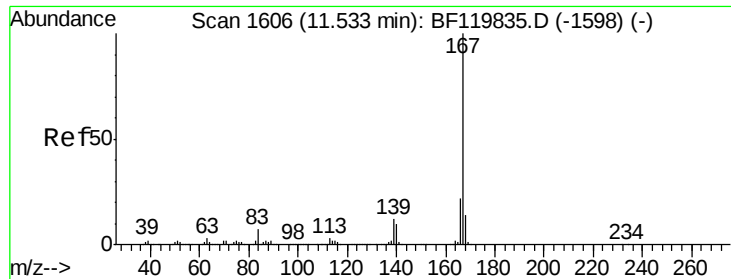
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#72  
Anthracene  
Concen: 44.943 ng  
RT: 11.26 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 16.1  | 24.1  |
| 179     | 15.6  | 13.0  | 19.4  |





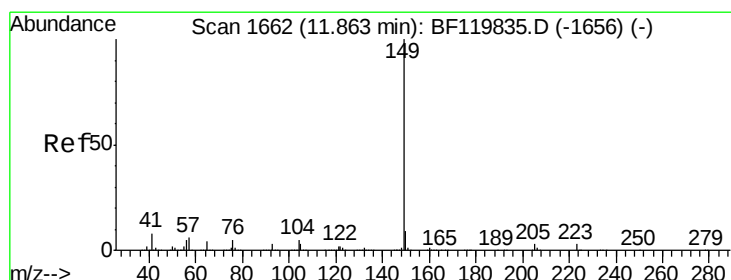
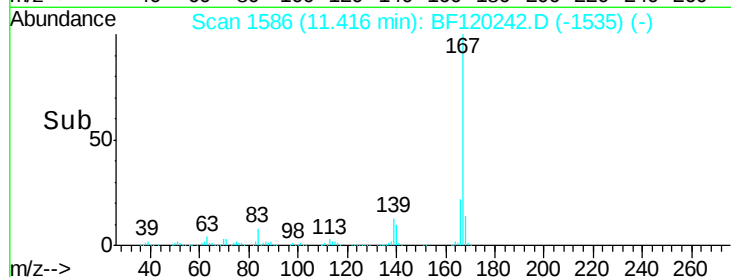
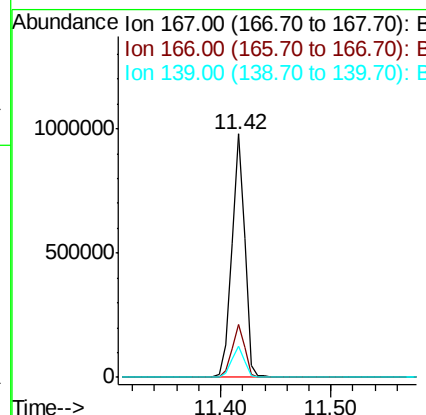
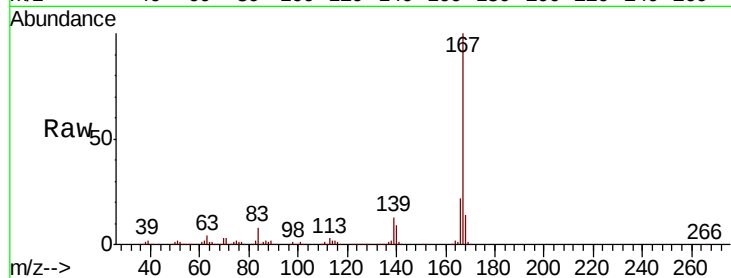
#73  
 Carbazole  
 Concen: 43.333 ng  
 RT: 11.42 min Scan# 1586  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.6  | 18.2  | 27.4  |
| 139     | 12.5  | 10.7  | 16.1  |

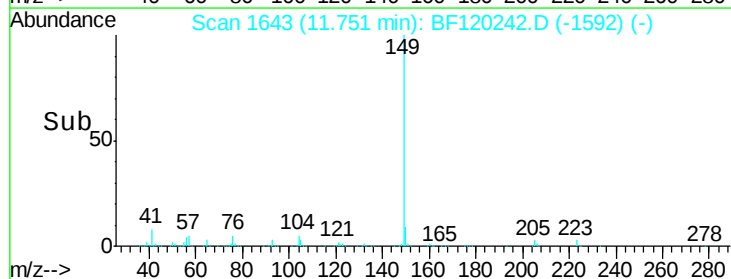
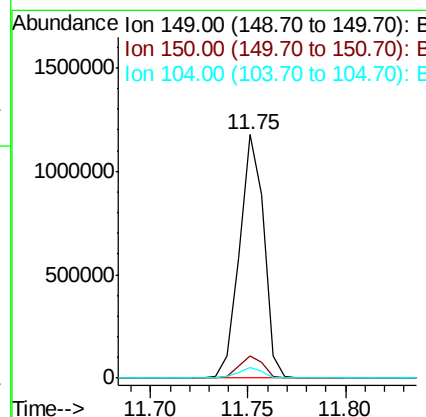
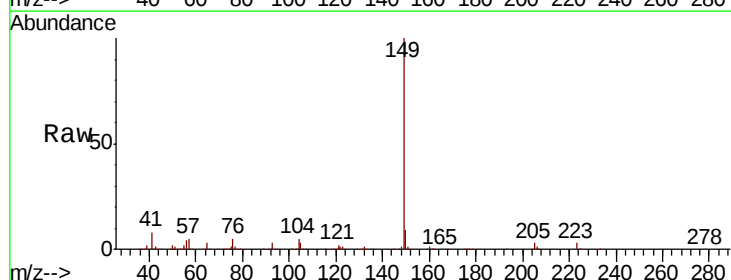
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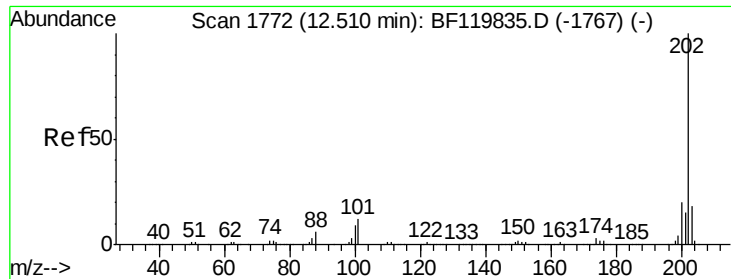
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#74  
 Di-n-butylphthalate  
 Concen: 41.222 ng  
 RT: 11.75 min Scan# 1643  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.8   | 11.8  |
| 104     | 4.6   | 3.6   | 5.4   |





#75

Fluoranthene

Concen: 46.233 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

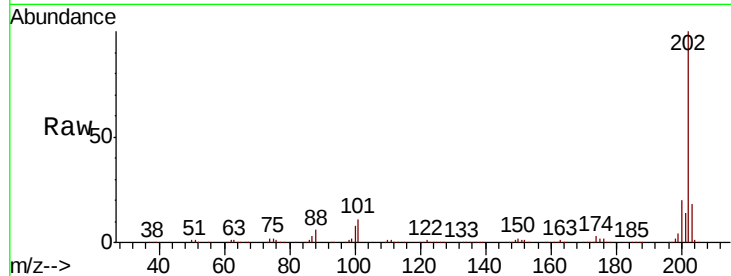
ClientSampleId :

PB128574BSD

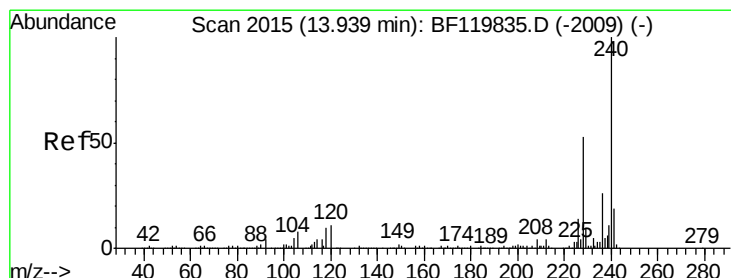
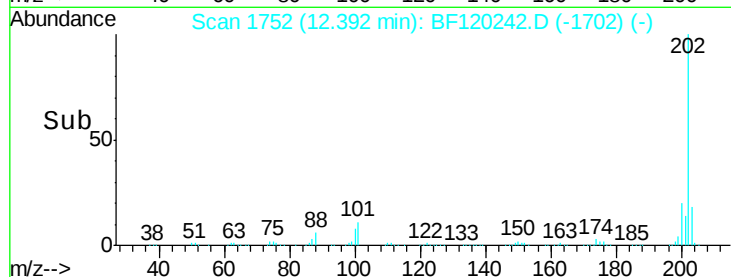
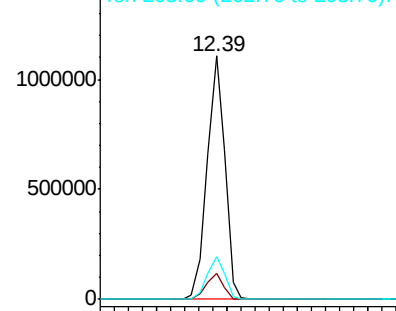
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.8  | 0.0        | 32.2  |
| 203     | 17.5  | 0.0        | 38.8  |

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Abundance Ion 202.00 (201.70 to 202.70): E  
1500000 Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

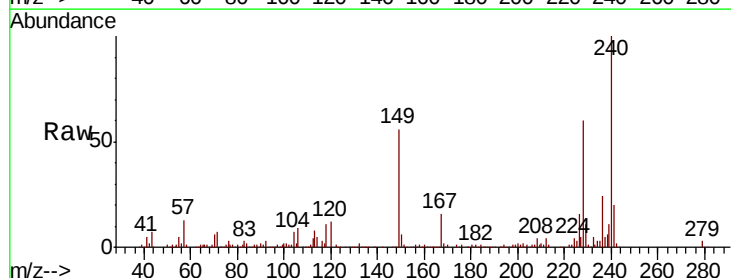
RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

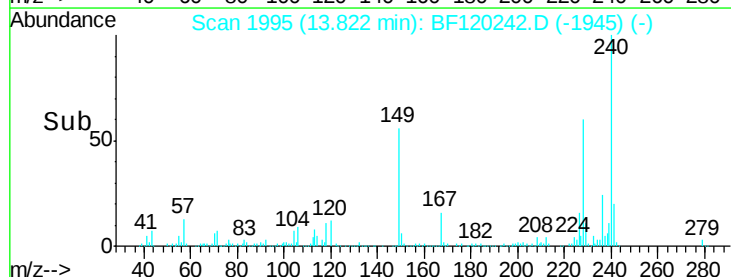
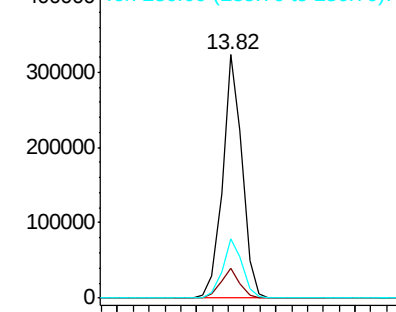
Lab File: BF120242.D

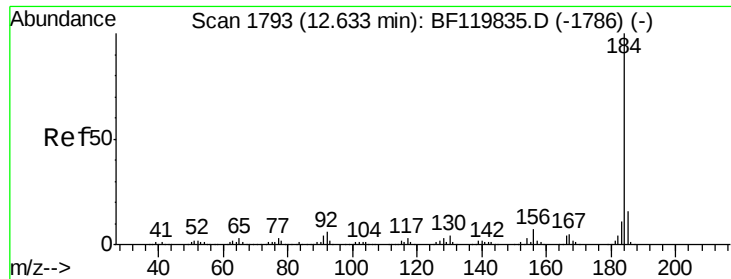
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 12.4  | 10.6       | 15.8  |
| 236     | 24.5  | 20.2       | 30.2  |



Abundance Ion 240.00 (239.70 to 240.70): E  
400000 Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 61.143 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

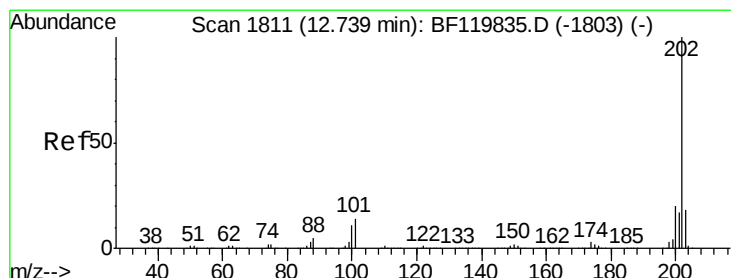
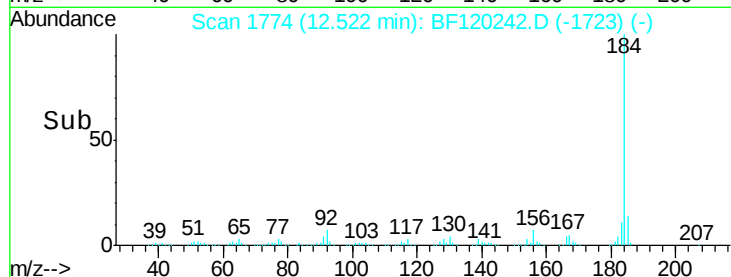
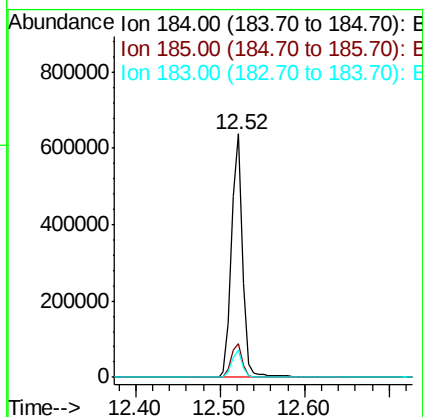
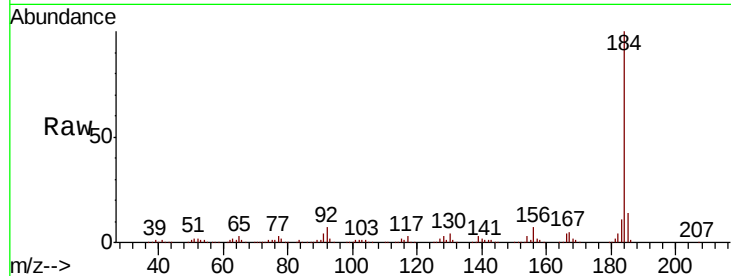
ClientSampleId :

PB128574BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 567147 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.0  | 12.3  | 18.5   |
| 183       | 11.0  | 9.0   | 13.6   |

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#78

Pyrene

Concen: 42.255 ng

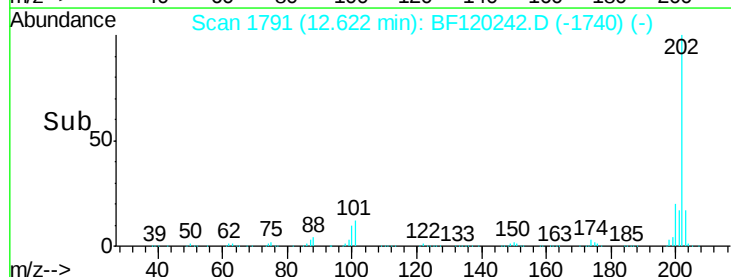
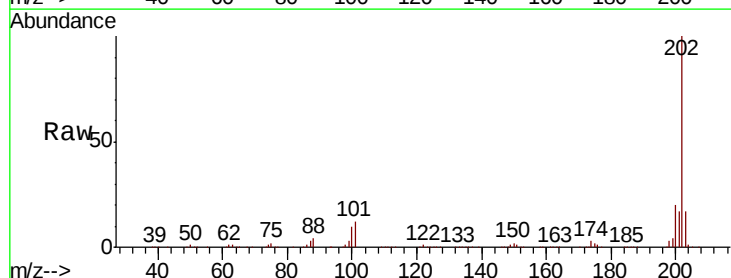
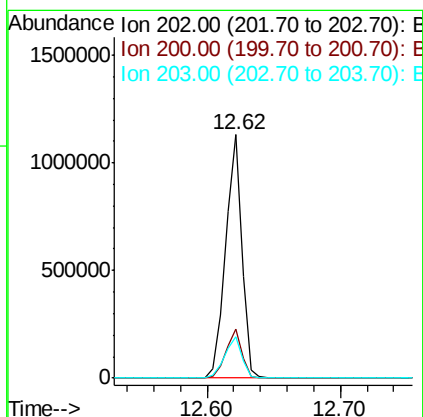
RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 977481 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.0  | 16.8  | 25.2   |
| 203       | 17.2  | 15.1  | 22.7   |





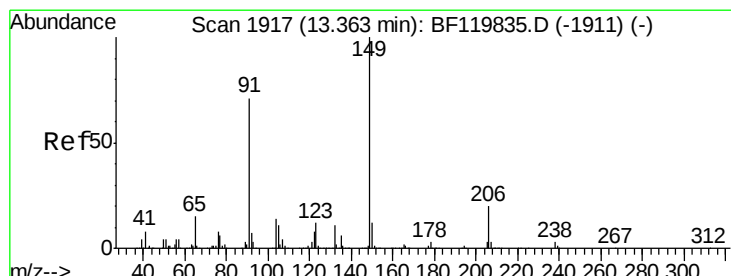
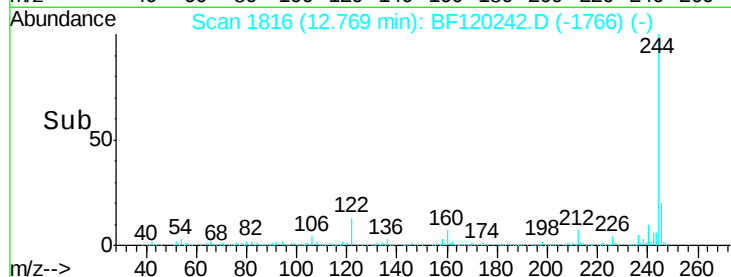
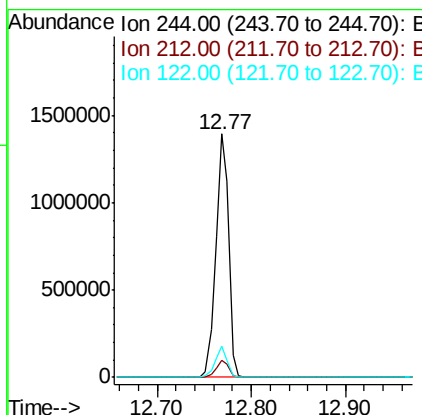
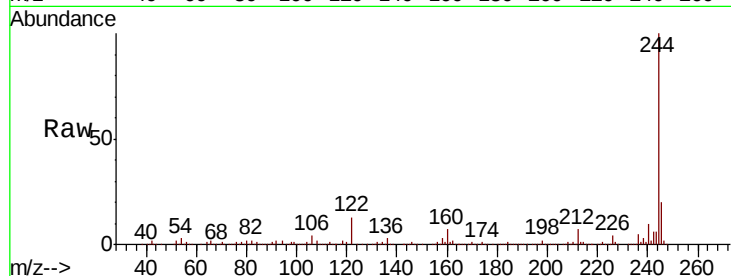
#79  
 Terphenyl-d14  
 Concen: 81.781 ng  
 RT: 12.77 min Scan# 1816  
 Delta R.T. -0.01 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

Tot Ion:244 Resp: 1333678  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.8 8.8  
 122 12.7 10.3 15.5

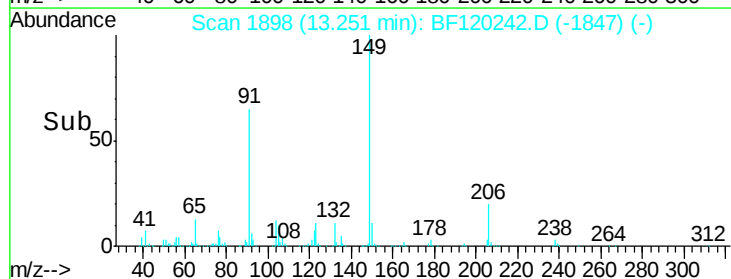
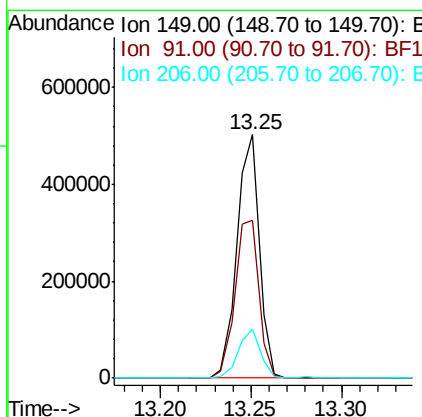
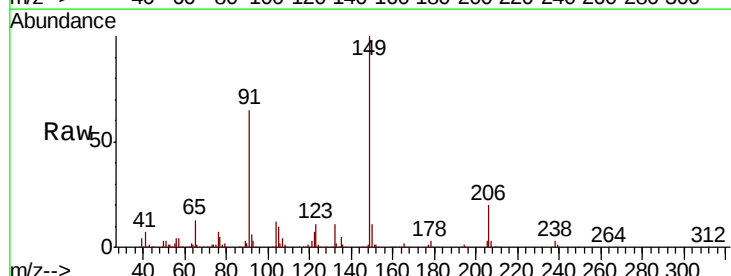
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#80  
 Butylbenzylphthalate  
 Concen: 38.640 ng  
 RT: 13.25 min Scan# 1898  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Tgt Ion:149 Resp: 433732  
 Ion Ratio Lower Upper  
 149 100  
 91 65.0 54.7 82.1  
 206 19.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.332 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

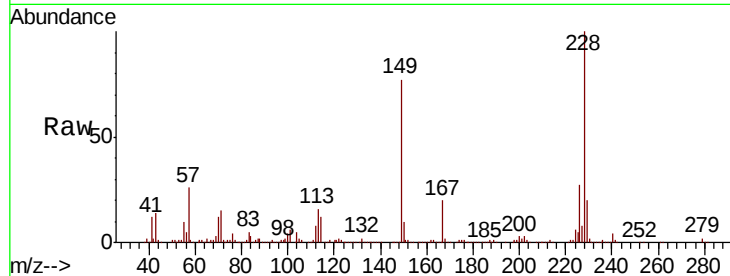
ClientSampleId :

PB128574BSD

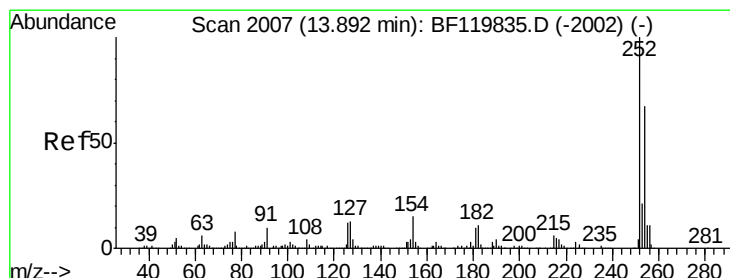
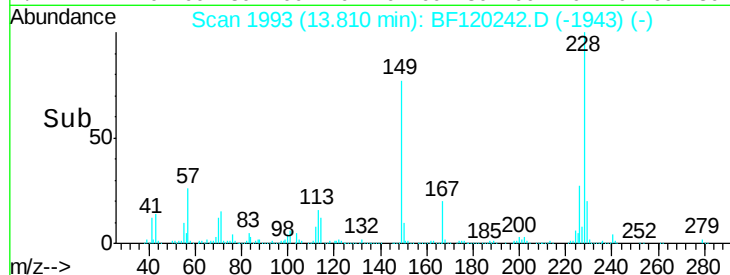
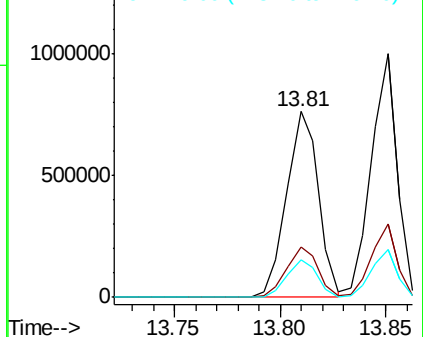
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 800289 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.1  | 21.8  | 32.8   |
| 229       | 20.4  | 16.2  | 24.4   |

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



#82

3,3'-Dichlorobenzidine

Concen: 31.081 ng

RT: 13.78 min Scan# 1988

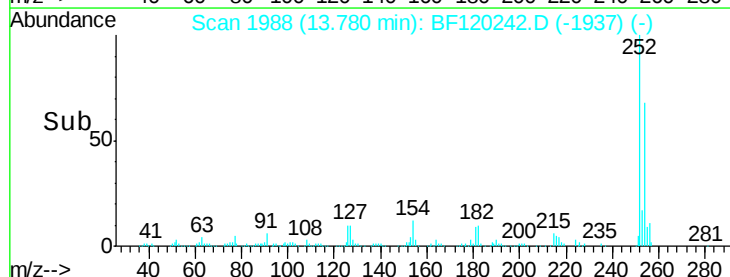
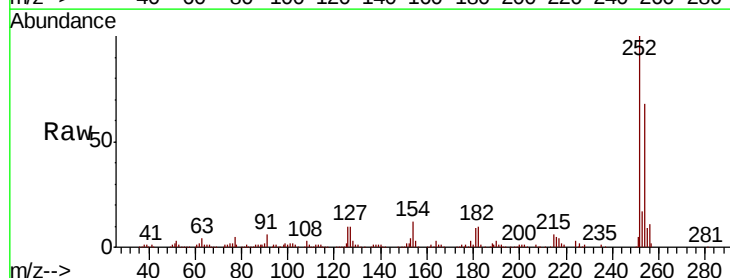
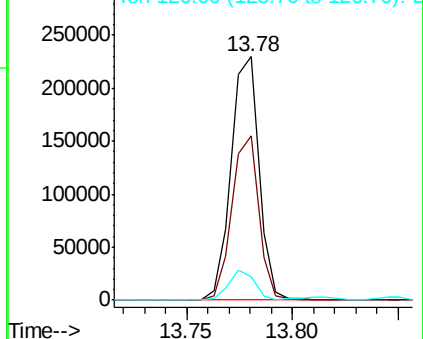
Delta R.T. 0.00 min

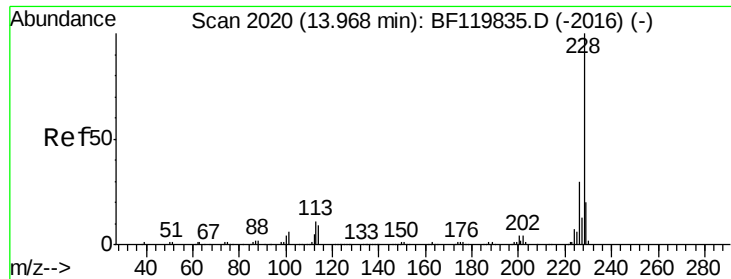
Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 209354 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 67.7  | 51.2  | 76.8   |
| 126       | 9.9   | 9.6   | 14.4   |

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





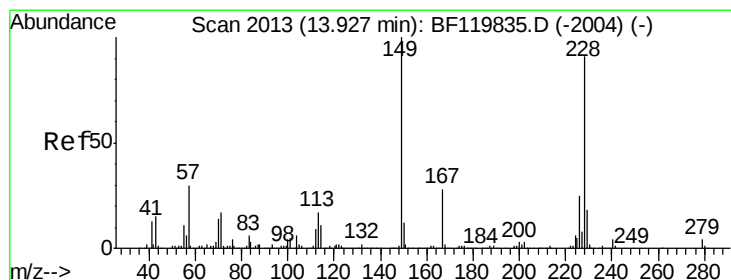
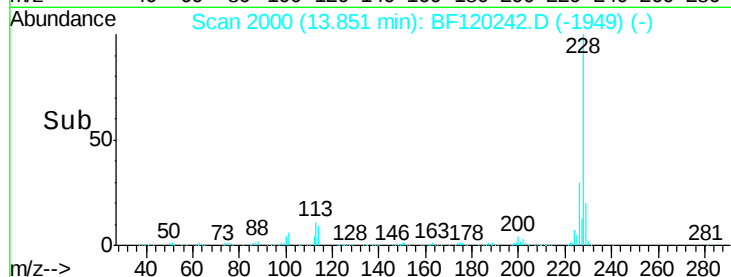
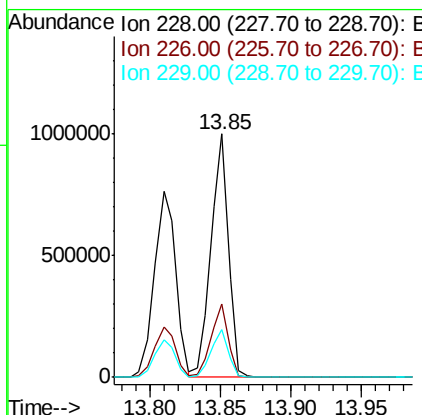
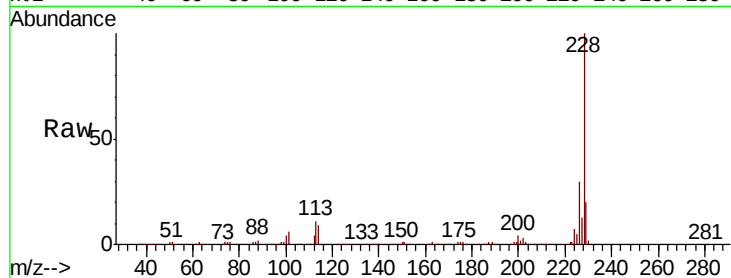
#83  
 Chrvsene  
 Concen: 46.846 ng  
 RT: 13.85 min Scan# 2000  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.1  | 25.4  | 38.0  |
| 229     | 19.5  | 16.6  | 24.8  |

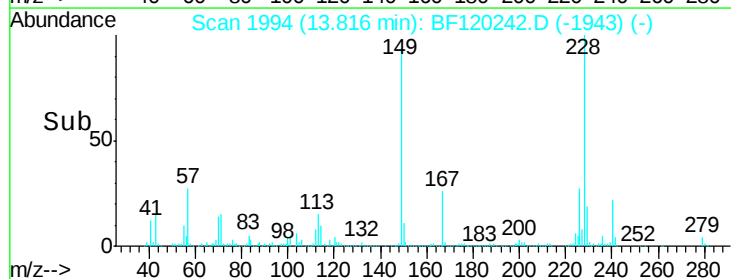
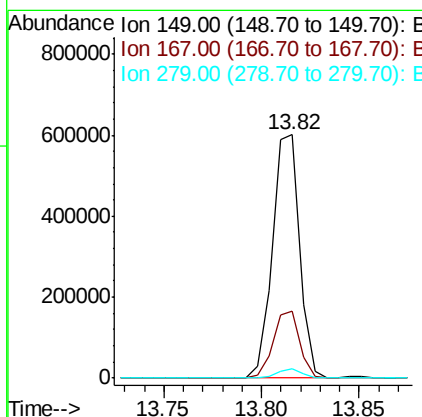
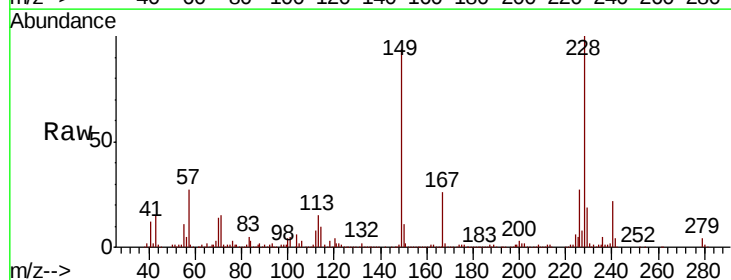
Manual Integrations  
 APPROVED

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 5/4/2020 8:19:00 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.069 ng  
 RT: 13.82 min Scan# 1994  
 Delta R.T. 0.00 min  
 Lab File: BF120242.D  
 Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.5  | 21.3  | 31.9  |
| 279     | 3.8   | 2.7   | 4.1   |





#85

Di-n-octyl phthalate

Concen: 39.289 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

ClientSampleId :

PB128574BSD

Tot Ion:149 Resp: 1016858

Ion Ratio Lower Upper

149 100

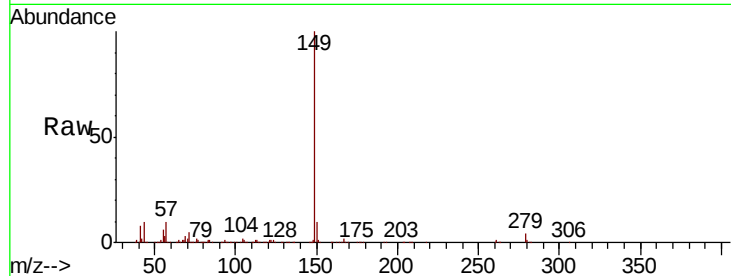
167 1.5 1.2 1.8

43 10.9 9.3 13.9

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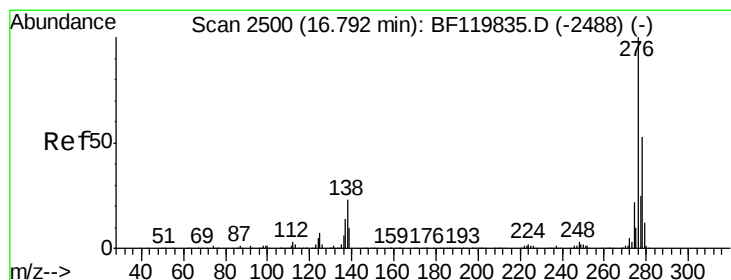
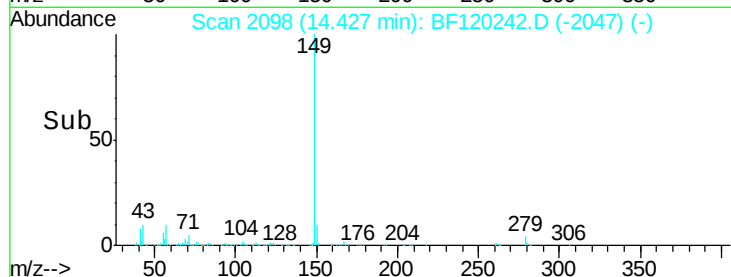
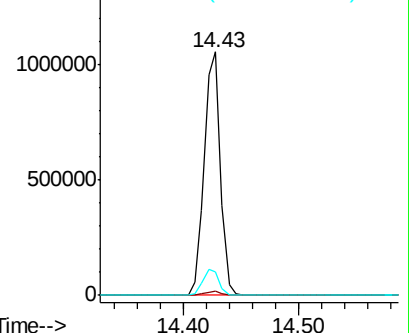
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.180 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

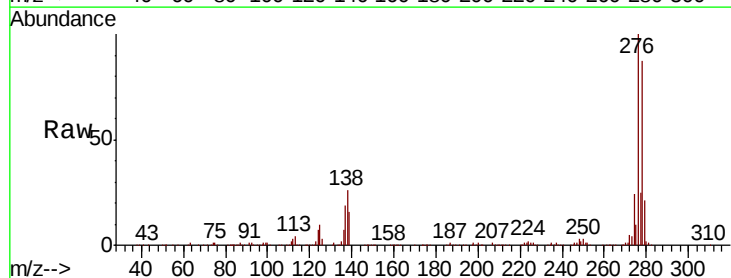
Tgt Ion:276 Resp: 973036

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

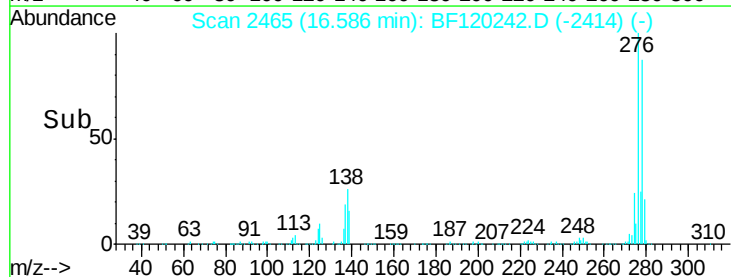
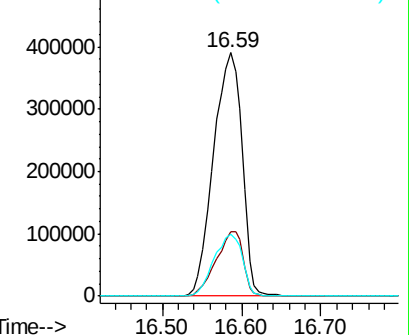
277 25.4 20.0 30.0

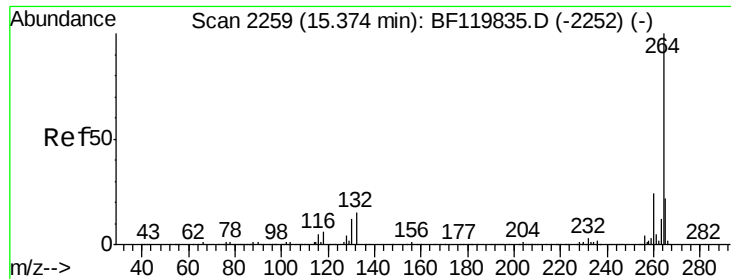


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





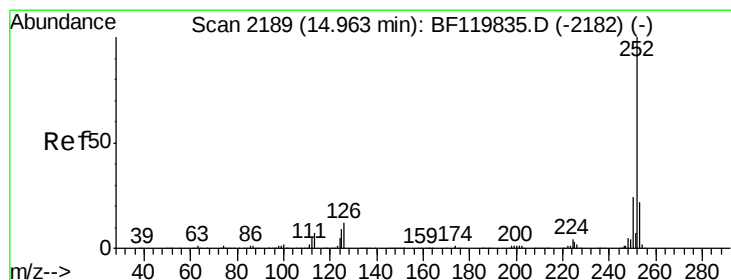
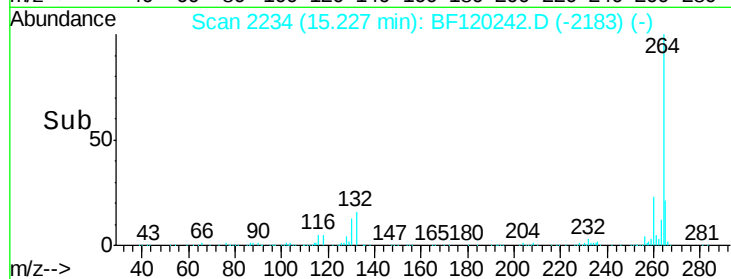
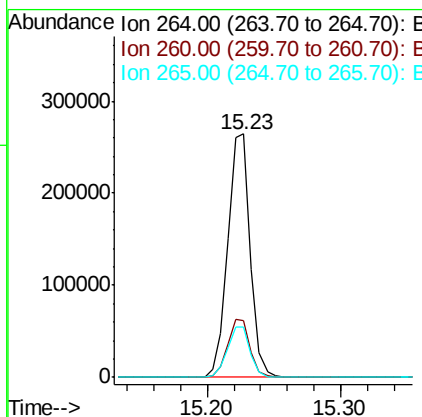
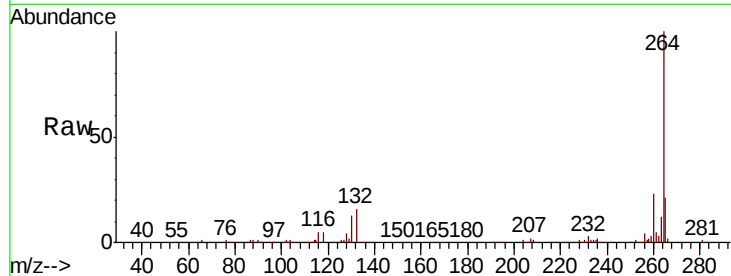
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.23 min Scan# 2234  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 18.7  | 28.1  |
| 265     | 20.8  | 17.7  | 26.5  |

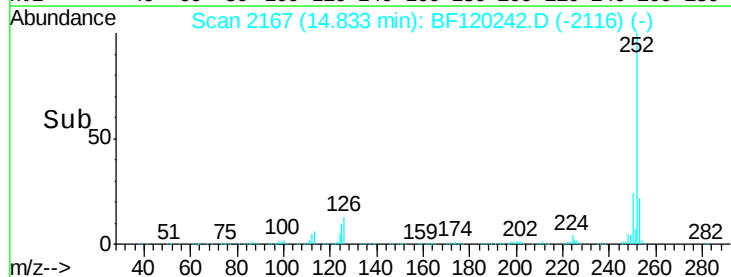
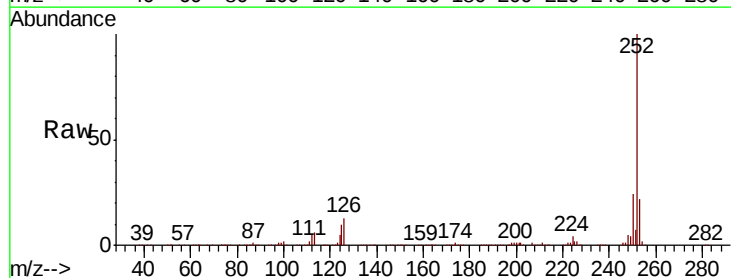
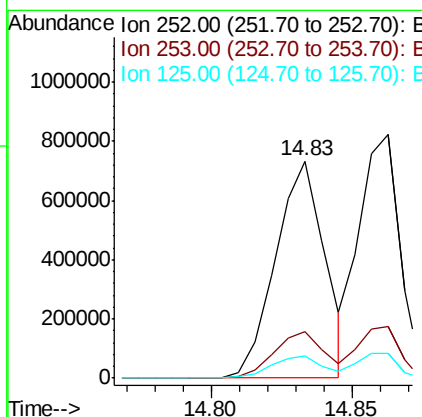
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#88  
Benzo(b)fluoranthene  
Concen: 39.399 ng  
RT: 14.83 min Scan# 2167  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.4  | 26.0  |
| 125     | 10.0  | 7.9   | 11.9  |





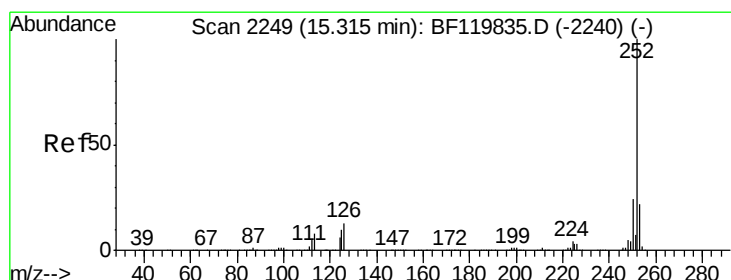
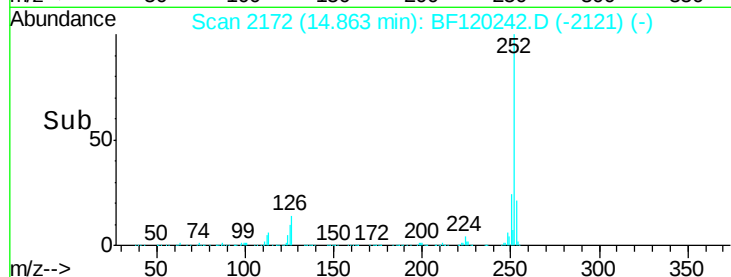
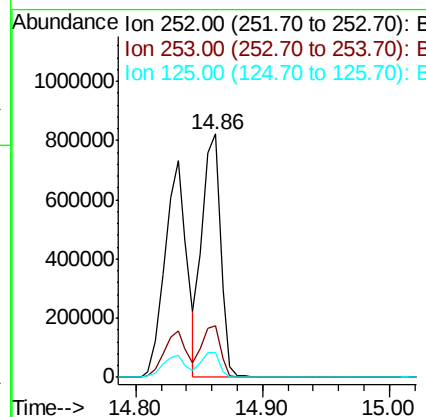
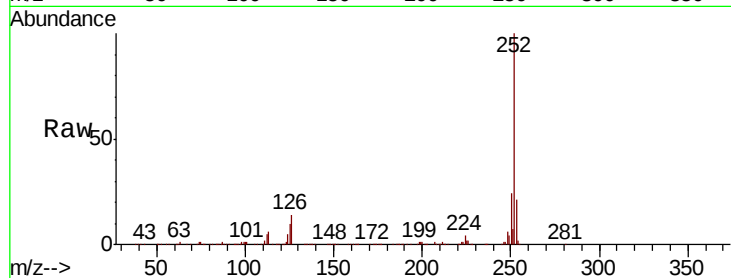
#89  
Benzo(k)fluoranthene  
Concen: 42.520 ng  
RT: 14.86 min Scan# 2172  
Delta R.T. 0.00 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

Instrument :  
BNA\_F  
ClientSampleId :  
PB128574BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 17.8  | 26.6  |
| 125     | 9.9   | 8.4   | 12.6  |

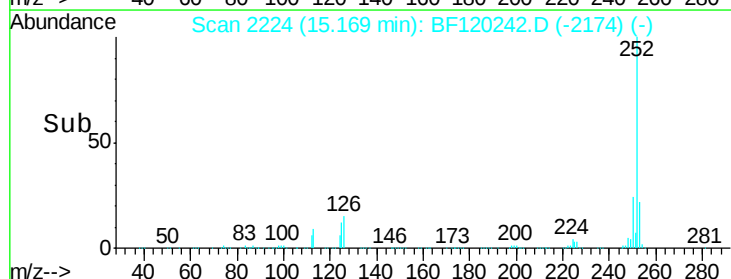
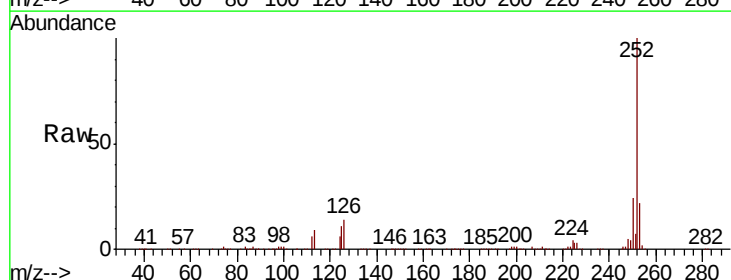
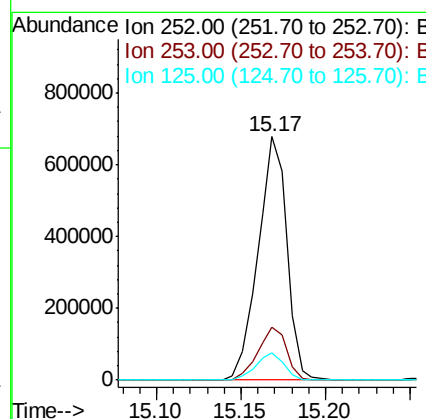
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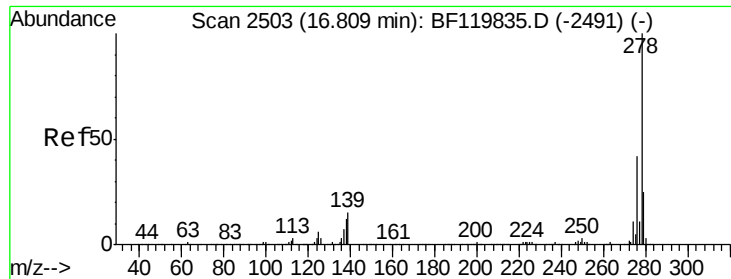
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#90  
Benzo(a)pyrene  
Concen: 42.404 ng  
RT: 15.17 min Scan# 2224  
Delta R.T. -0.01 min  
Lab File: BF120242.D  
Acq: 30 Apr 2020 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 18.2  | 27.2  |
| 125     | 11.4  | 9.4   | 14.2  |





#91

Dibenzo(a,h)anthracene

Concen: 47.948 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

Instrument :

BNA\_F

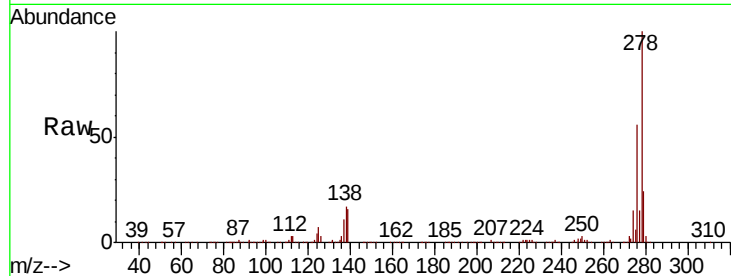
ClientSampleId :

PB128574BSD

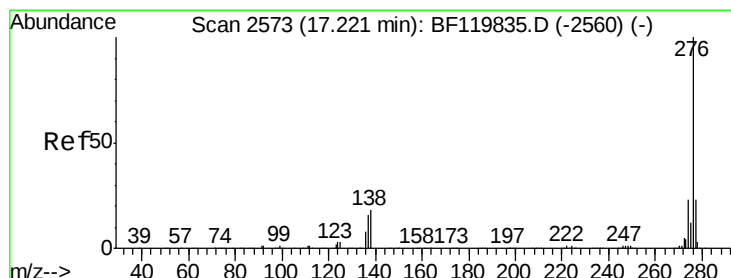
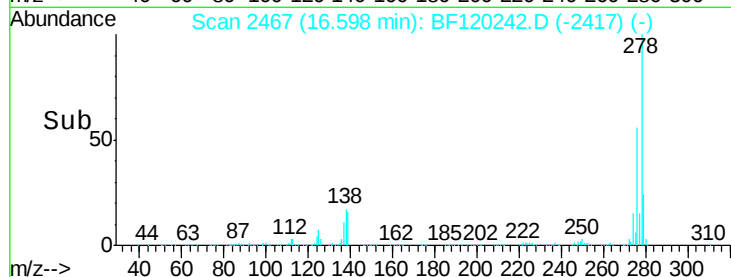
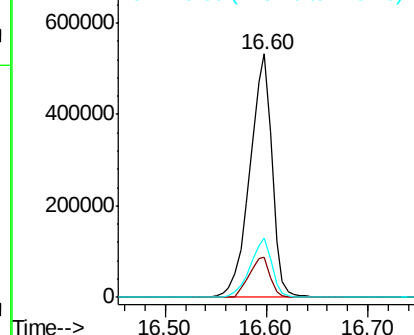
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 807092 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 16.5  | 12.6  | 19.0   |
| 279       | 24.2  | 19.0  | 28.6   |

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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: 45.957 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF120242.D

Acq: 30 Apr 2020 16:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 763606 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.3  | 18.4  | 27.6   |
| 138       | 21.7  | 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

