

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\  
 Data File : BF121307.D  
 Acq On : 17 Aug 2020 13:43  
 Operator : JU/CG  
 Sample : L3659-07MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

Quant Time: Aug 17 17:02:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 10:52:06 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 33125    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 130907   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.74  | 164  | 68111    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.22 | 188  | 137765   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.86 | 240  | 126810   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.27 | 264  | 128123   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 191162 | 87.49 | ng | 0.00 |
| 7) Phenol-d6             | 6.34  | 99  | 235061 | 83.49 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 147216 | 61.46 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.53 | 330 | 70815  | 84.45 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.06  | 172 | 300983 | 61.13 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.80 | 244 | 358018 | 55.04 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.23 | 88  | 31983  | 34.397 | ng | 95     |
| 3) Pyridine                    | 2.96 | 79  | 67042  | 27.698 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.87 | 42  | 36339  | 36.658 | ng | 94     |
| 6) Aniline                     | 6.36 | 93  | 45884  | 13.747 | ng | # 72   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 86059  | 35.819 | ng | 97     |
| 9) Benzaldehyde                | 6.25 | 77  | 51360  | 35.397 | ng | 90     |
| 10) Phenol                     | 6.35 | 94  | 109326 | 35.794 | ng | # 74   |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 81247  | 36.852 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 89062  | 35.083 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 91806  | 35.780 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 86261  | 35.621 | ng | 99     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 68624  | 36.385 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45  | 114185 | 35.968 | ng | 100    |
| 17) 2-Methylphenol             | 6.97 | 107 | 69065  | 36.392 | ng | 97     |
| 18) Hexachloroethane           | 7.22 | 117 | 32016  | 35.284 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 56131  | 35.881 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 90205  | 37.463 | ng | # 64   |
| 22) Acetophenone               | 7.12 | 105 | 119005 | 35.295 | ng | 96     |
| 24) Nitrobenzene               | 7.29 | 77  | 86741  | 33.375 | ng | 98     |
| 25) Isophorone                 | 7.53 | 82  | 159026 | 33.068 | ng | 98     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 42868  | 34.041 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 74407  | 36.878 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 100155 | 37.235 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 70987  | 34.405 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 76576  | 33.627 | ng | 99     |
| 31) Naphthalene                | 8.01 | 128 | 251093 | 34.094 | ng | 99     |
| 32) Benzoic acid               | 7.75 | 122 | 27307  | 28.229 | ng | 96     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 41397  | 13.774 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.13 | 225 | 44489  | 32.289 | ng | 100    |
| 35) Caprolactam                | 8.40 | 113 | 21912  | 35.259 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 72534  | 34.457 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 167024 | 34.464 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.80 | 142 | 157960 | 34.423 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 77743  | 34.065 | ng | 99     |

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 Sample : L3659-07MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

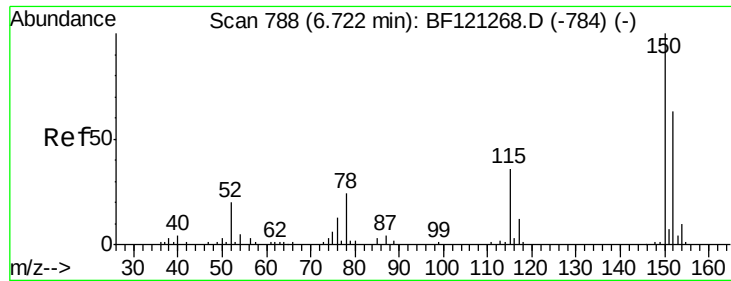
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

Quant Time: Aug 17 17:02:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 17 10:52:06 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.86  | 237  | 27573    | 42.074 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.99  | 196  | 49307    | 33.971 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.03  | 196  | 53825    | 34.142 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 205262   | 34.878 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 156143   | 34.466 | nq    | 99       |
| 48) 2-Nitroaniline             | 9.29  | 65   | 45406    | 35.658 | nq    | 94       |
| 49) Acenaphthylene             | 9.60  | 152  | 250378   | 34.797 | nq    | 99       |
| 50) Dimethylphthalate          | 9.46  | 163  | 214690   | 41.889 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 37986    | 33.249 | nq    | 98       |
| 52) Acenaphthene               | 9.77  | 154  | 144749   | 33.977 | nq    | 100      |
| 53) 3-Nitroaniline             | 9.70  | 138  | 25642    | 19.657 | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 9.81  | 184  | 19374    | 43.153 | nq    | # 89     |
| 55) Dibenzofuran               | 9.95  | 168  | 229287   | 33.797 | nq    | 99       |
| 56) 4-Nitrophenol              | 9.87  | 139  | 60727    | 72.136 | nq    | 94       |
| 57) 2,4-Dinitrotoluene         | 9.93  | 165  | 50571    | 33.729 | nq    | 96       |
| 58) Fluorene                   | 10.29 | 166  | 177714   | 34.605 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 44804    | 35.945 | nq    | 97       |
| 60) Diethylphthalate           | 10.16 | 149  | 179439   | 34.429 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.28 | 204  | 88530    | 35.445 | nq    | 97       |
| 62) 4-Nitroaniline             | 10.30 | 138  | 39035    | 29.846 | nq    | 98       |
| 63) Azobenzene                 | 10.44 | 77   | 174579   | 33.524 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 17857    | 24.269 | nq    | 85       |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 157394   | 33.319 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.77 | 248  | 51987    | 32.351 | nq    | 93       |
| 68) Hexachlorobenzene          | 10.83 | 284  | 61562    | 33.595 | nq    | 97       |
| 69) Atrazine                   | 10.93 | 200  | 43477    | 30.771 | nq    | 99       |
| 70) Pentachlorophenol          | 11.03 | 266  | 54590    | 67.941 | nq    | 96       |
| 71) Phenanthrene               | 11.24 | 178  | 266303   | 33.789 | nq    | 99       |
| 72) Anthracene                 | 11.30 | 178  | 273600   | 34.593 | nq    | 100      |
| 73) Carbazole                  | 11.46 | 167  | 255381   | 33.016 | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.79 | 149  | 301895   | 34.578 | nq    | 100      |
| 75) Fluoranthene               | 12.43 | 202  | 308829   | 35.190 | nq    | 96       |
| 77) Benzidine                  | 12.56 | 184  | 106923   | 32.074 | nq    | 99       |
| 78) Pyrene                     | 12.66 | 202  | 320682   | 33.959 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.28 | 149  | 134782   | 34.942 | nq    | 94       |
| 81) Benzo(a)anthracene         | 13.84 | 228  | 298798   | 34.740 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 82664    | 24.224 | nq    | 99       |
| 83) Chrysene                   | 13.88 | 228  | 301021   | 34.279 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 188939   | 35.537 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.45 | 149  | 348675   | 35.769 | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.63 | 276  | 304920   | 32.010 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 306226   | 35.671 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 14.89 | 252  | 286348   | 35.919 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.21 | 252  | 268002   | 34.588 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.64 | 278  | 261973   | 32.096 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.03 | 276  | 252617   | 31.362 | nq    | 99       |

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



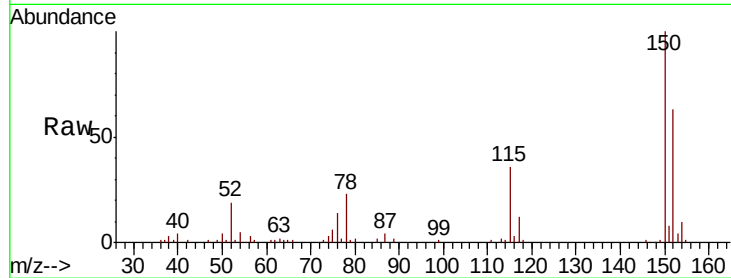


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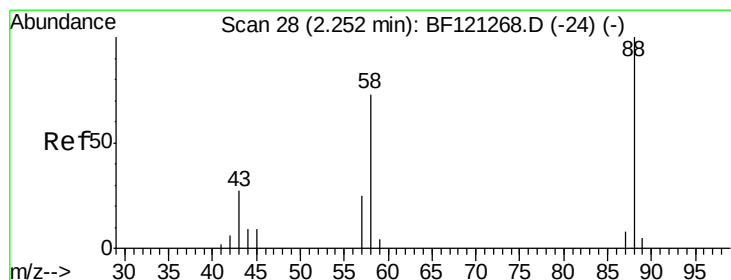
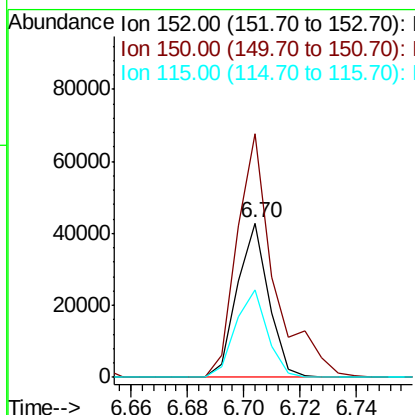
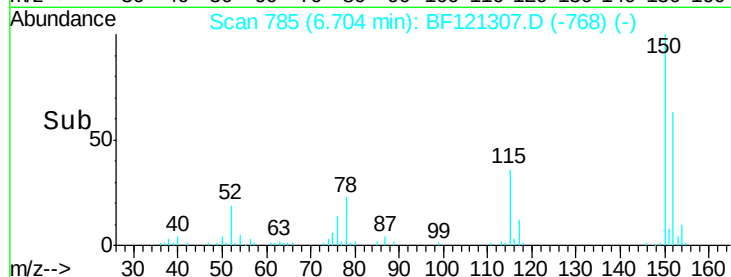
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 785  
Delta R.T. -0.00 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MSD

Tot Ion:152 Resp: 33125  
Ion Ratio Lower Upper  
152 100  
150 158.1 123.9 185.9  
115 56.9 47.3 70.9



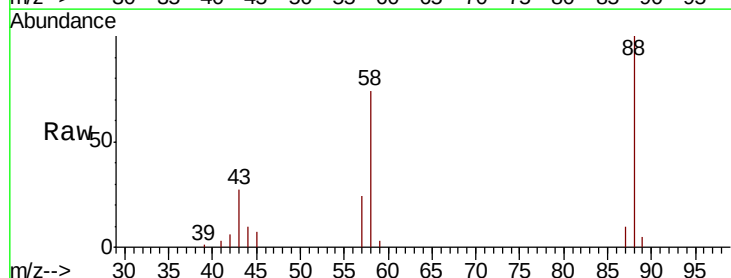
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



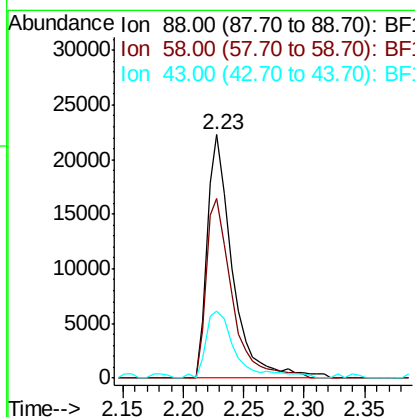
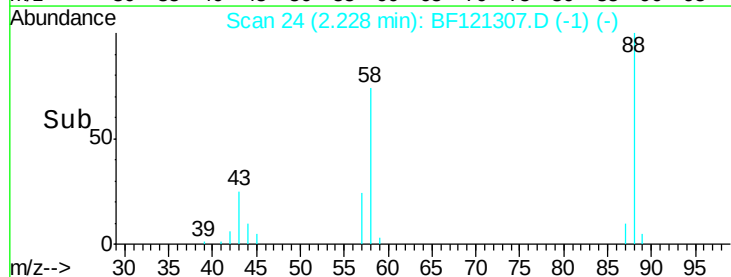
#2

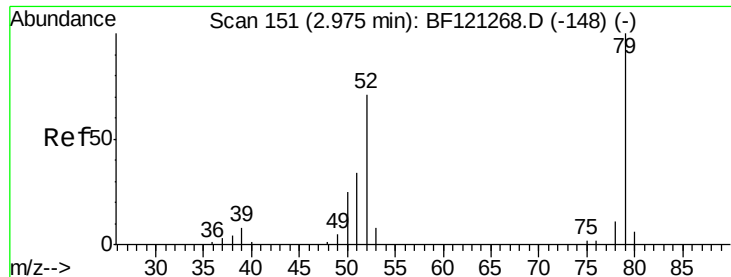
1,4-Dioxane  
Concen: 34.397 ng  
RT: 2.23 min Scan# 24  
Delta R.T. -0.04 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Tgt Ion: 88 Resp: 31983  
Ion Ratio Lower Upper  
88 100  
58 75.1 57.8 86.8  
43 32.9 22.2 33.2



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1

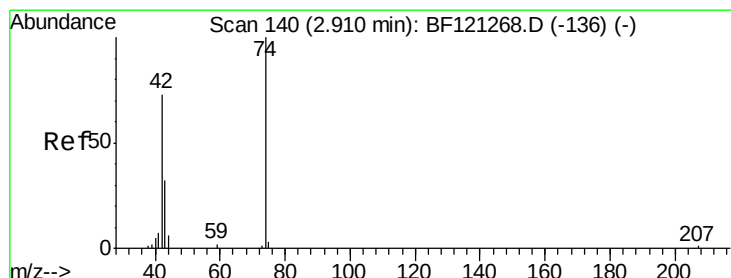
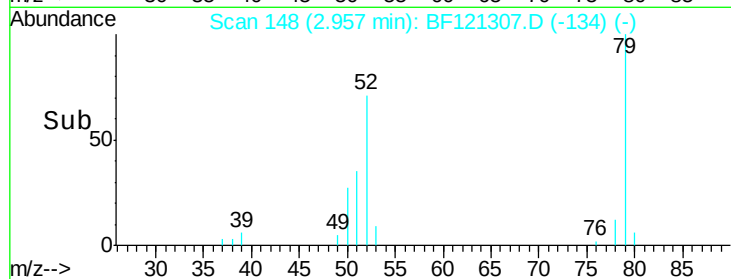
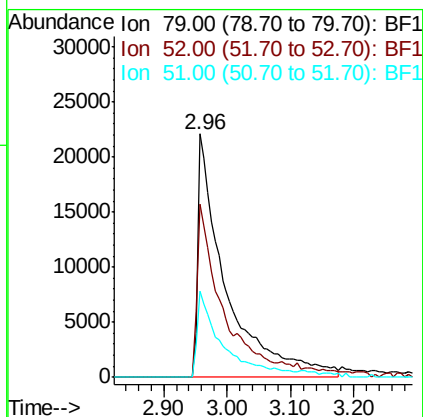
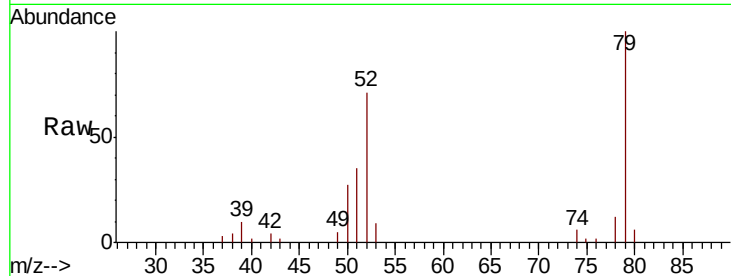




#3  
 Pvridine  
 Concen: 27.698 ng  
 RT: 2.96 min Scan# 148  
 Delta R.T. -0.02 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

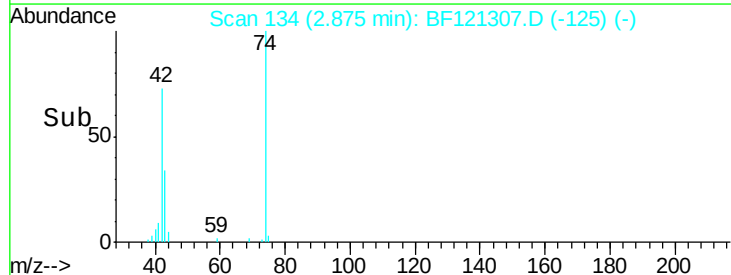
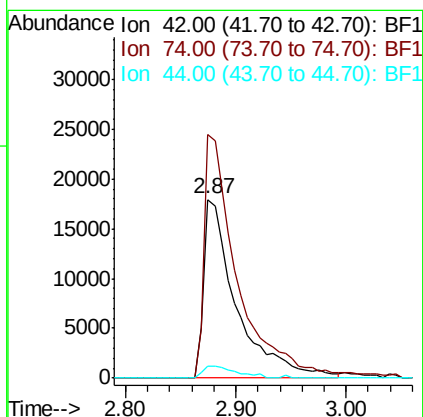
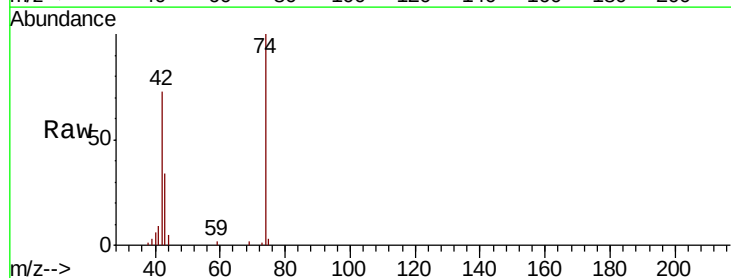
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

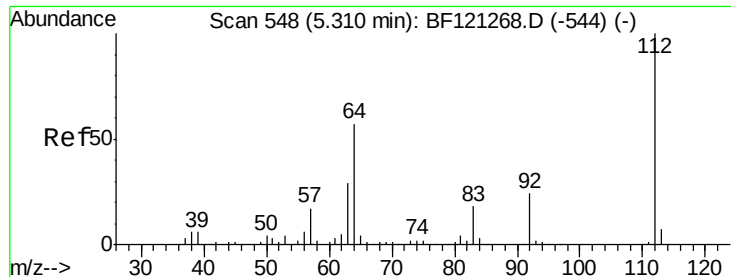
Tot Ion: 79 Resp: 67042  
 Ion Ratio Lower Upper  
 79 100  
 52 71.0 56.9 85.3  
 51 35.3 26.3 39.5



#4  
 n-Nitrosodimethylamine  
 Concen: 36.658 ng  
 RT: 2.87 min Scan# 134  
 Delta R.T. -0.05 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion: 42 Resp: 36339  
 Ion Ratio Lower Upper  
 42 100  
 74 136.5 115.8 173.8  
 44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 87.491 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

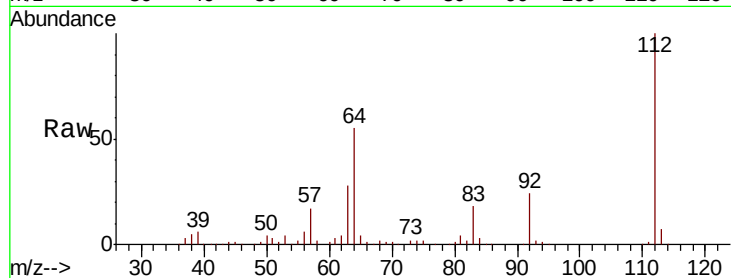
Tot Ion:112 Resp: 191162

Ion Ratio Lower Upper

112 100

64 55.2 42.9 64.3

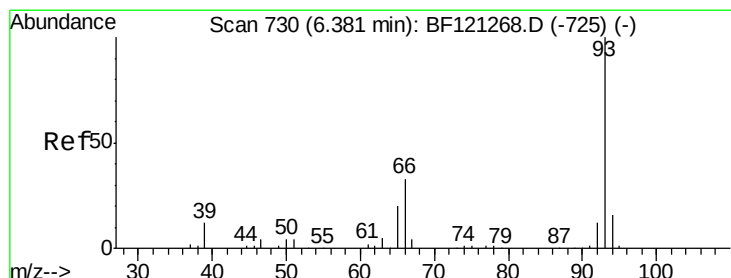
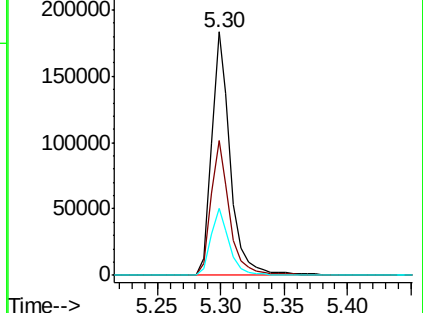
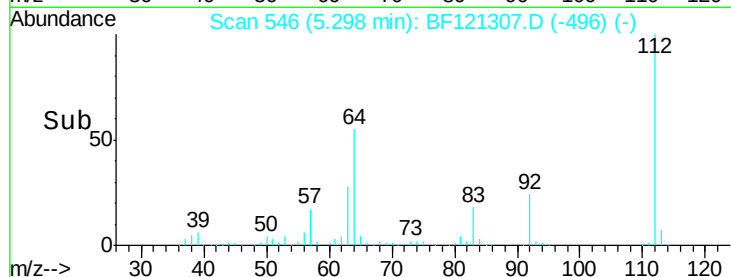
63 27.6 22.2 33.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.747 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

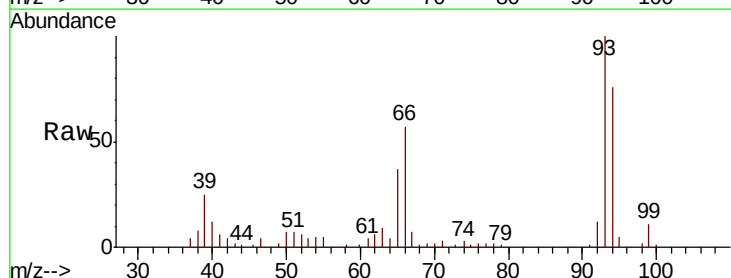
Tgt Ion: 93 Resp: 45884

Ion Ratio Lower Upper

93 100

66 57.5 32.2 48.4#

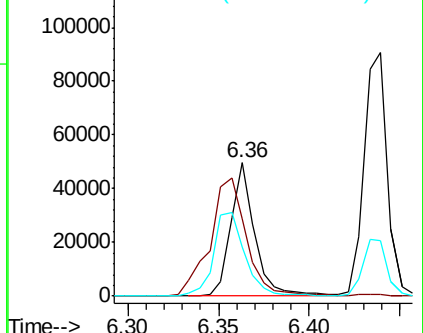
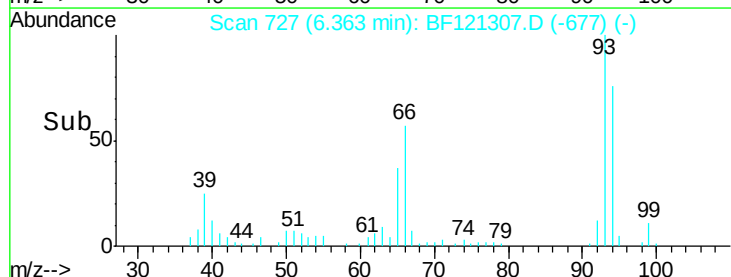
65 37.2 18.2 27.4#

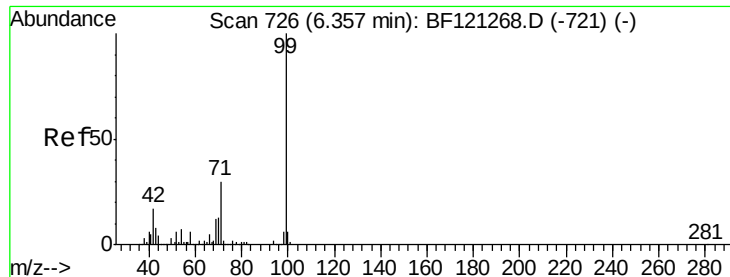


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.486 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

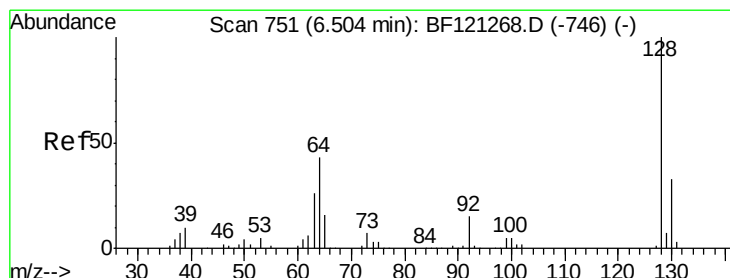
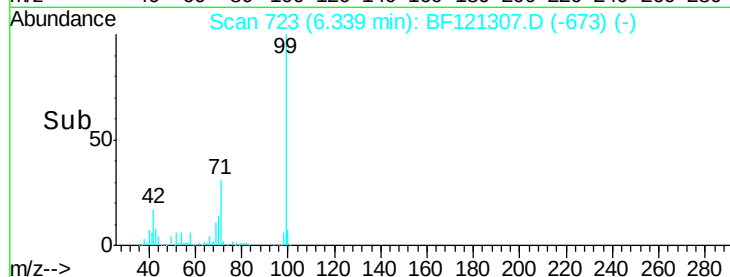
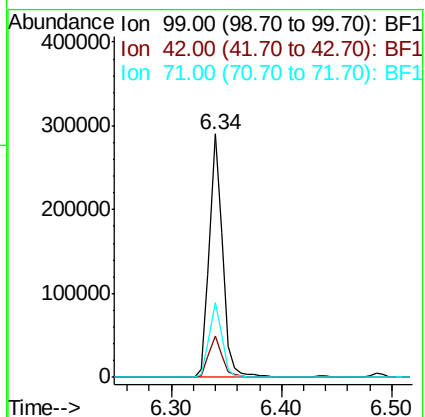
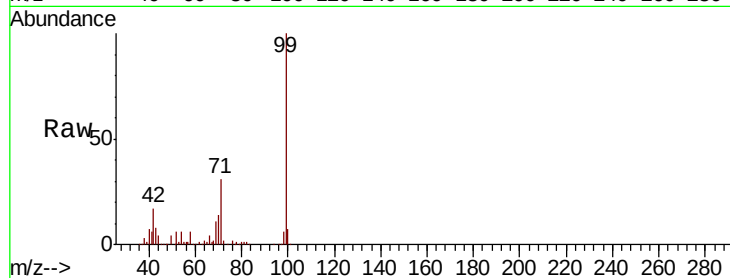
Tot Ion: 99 Resp: 235061

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

71 30.5 24.8 37.2



#8

2-Chlorophenol

Concen: 35.819 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

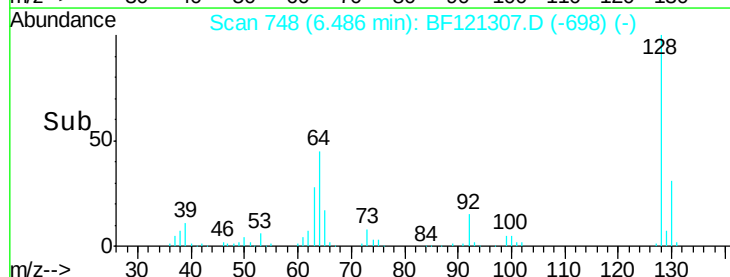
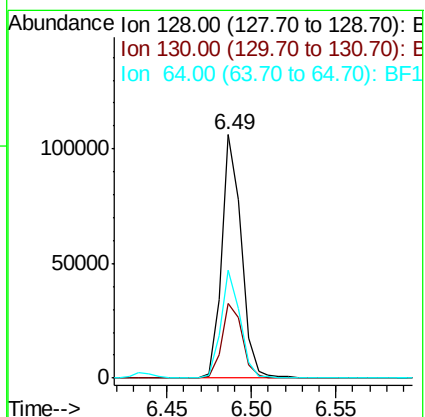
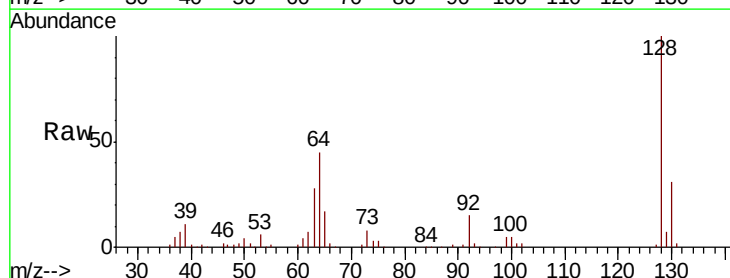
Tgt Ion: 128 Resp: 86059

Ion Ratio Lower Upper

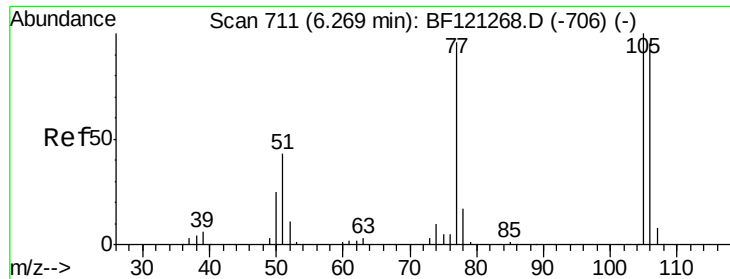
128 100

130 30.9 11.9 51.9

64 44.6 22.5 62.5







#9

Benzaldehyde

Concen: 35.397 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

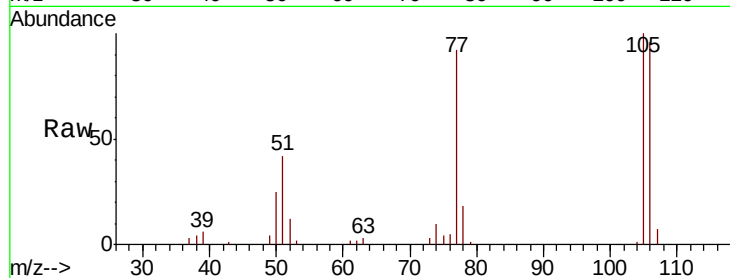
Tot Ion: 77 Resp: 51360

Ion Ratio Lower Upper

77 100

105 108.5 77.6 117.6

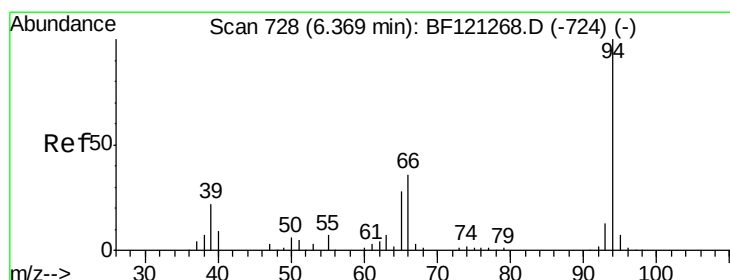
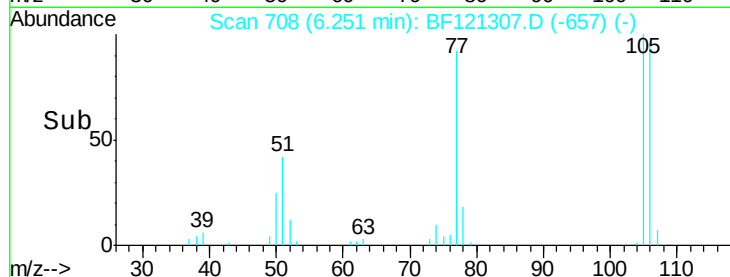
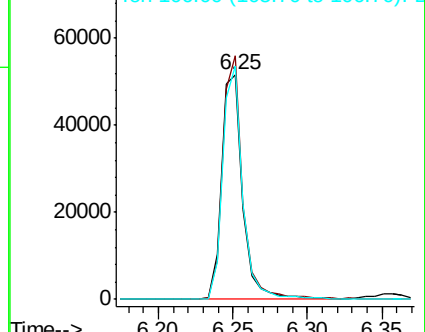
106 103.8 74.9 114.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.794 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

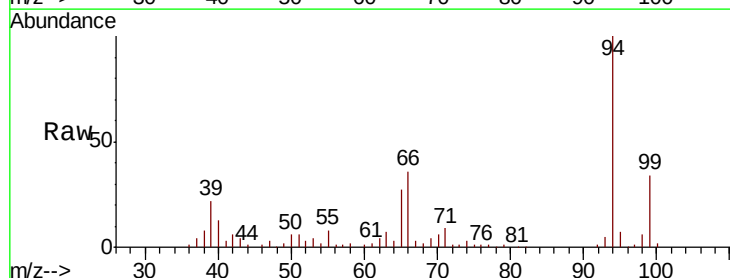
Tgt Ion: 94 Resp: 109326

Ion Ratio Lower Upper

94 100

65 27.2 19.2 59.2

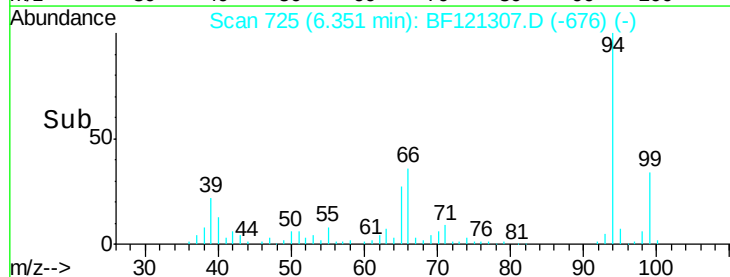
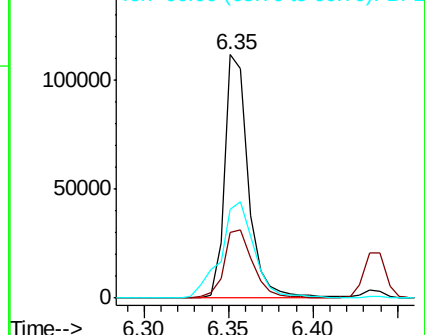
66 36.3 39.6 79.6#



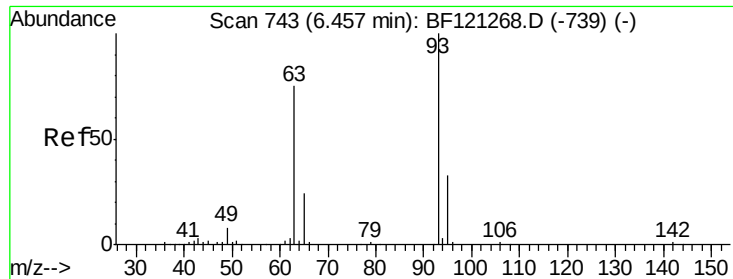
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 36.852 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

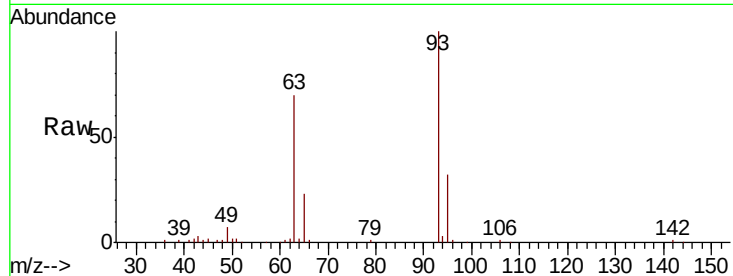
Tot Ion: 93 Resp: 81247

Ion Ratio Lower Upper

93 100

63 70.2 53.9 93.9

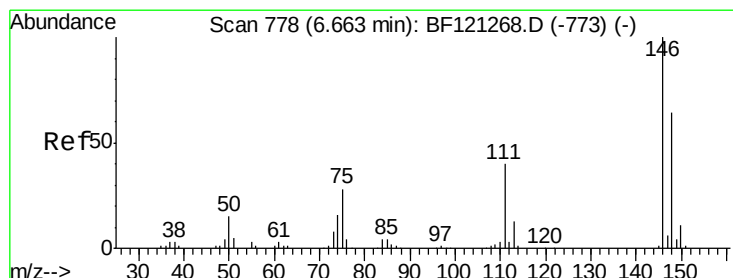
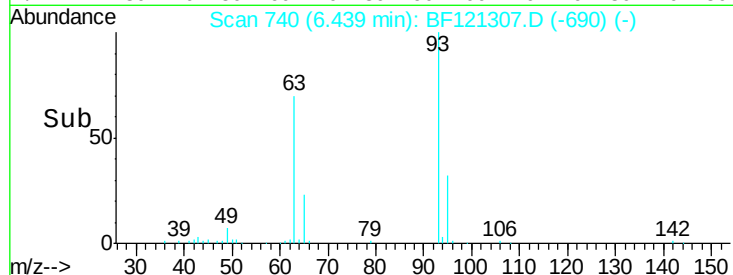
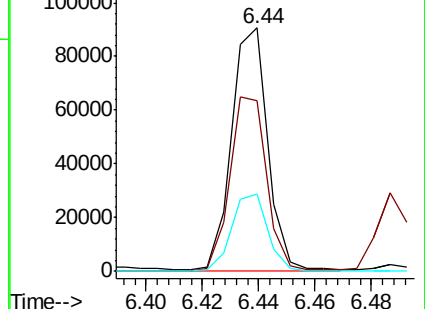
95 31.6 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.083 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

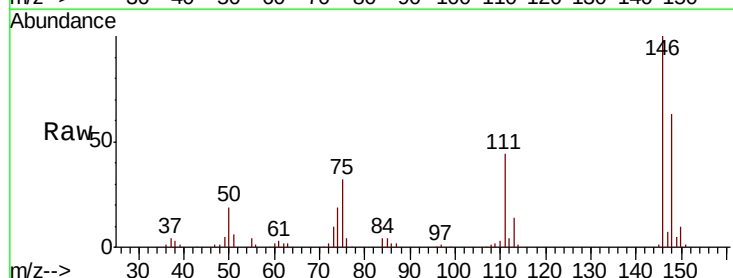
Tgt Ion: 146 Resp: 89062

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

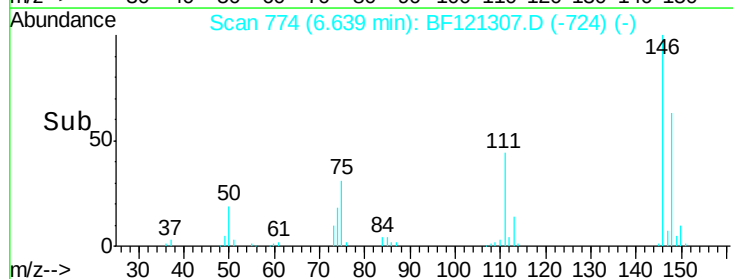
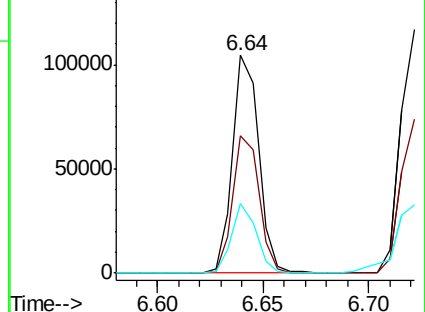
75 31.8 24.1 36.1

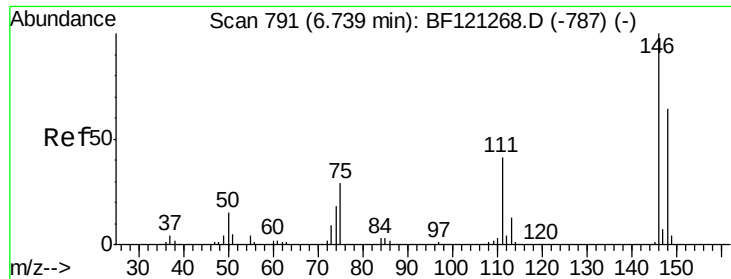


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

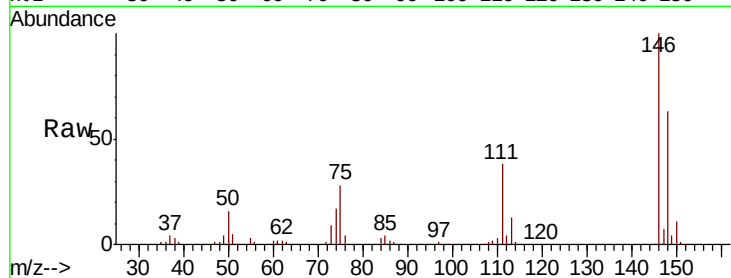




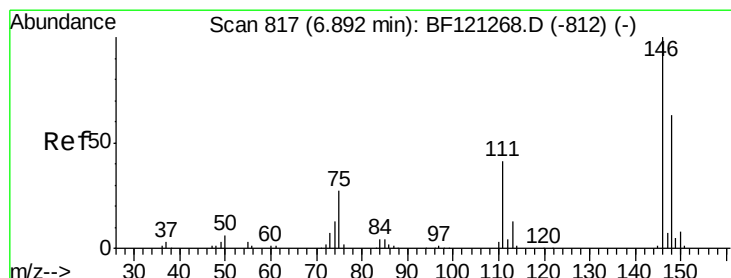
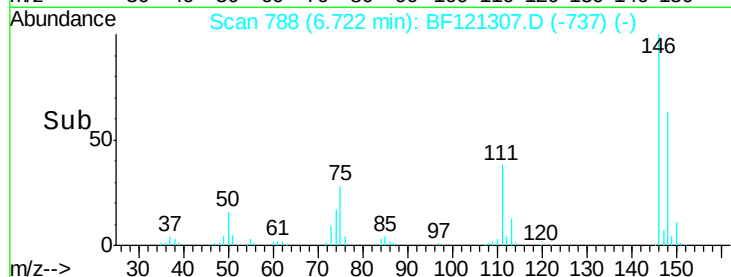
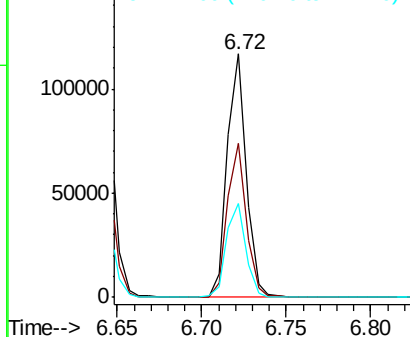
#13  
 1,4-Dichlorobenzene  
 Concen: 35.780 ng  
 RT: 6.72 min Scan# 788  
 Delta R.T. -0.00 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

| Tot Ion   | 146  | Resp  | 91806 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 146       | 100  | 50.6  | 75.8  |
| 148       | 63.4 | 33.0  | 49.6  |
| 111       | 38.4 |       |       |

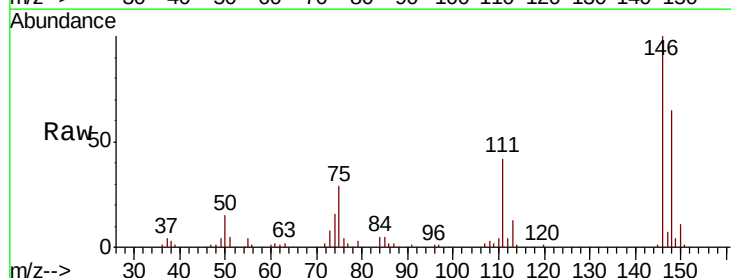


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

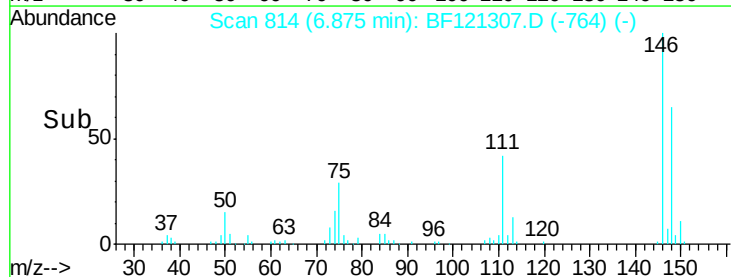
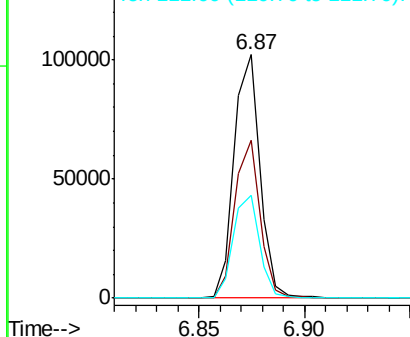


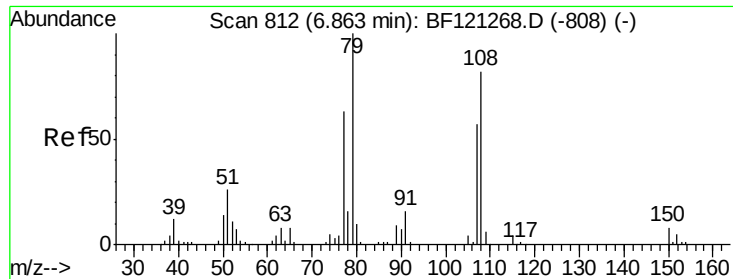
#14  
 1,2-Dichlorobenzene  
 Concen: 35.621 ng  
 RT: 6.87 min Scan# 814  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

| Tgt Ion   | 146  | Resp  | 86261 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 146       | 100  | 51.4  | 77.0  |
| 148       | 64.7 | 32.3  | 48.5  |
| 111       | 42.1 |       |       |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

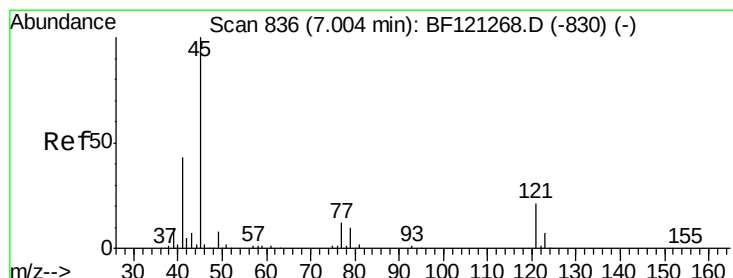
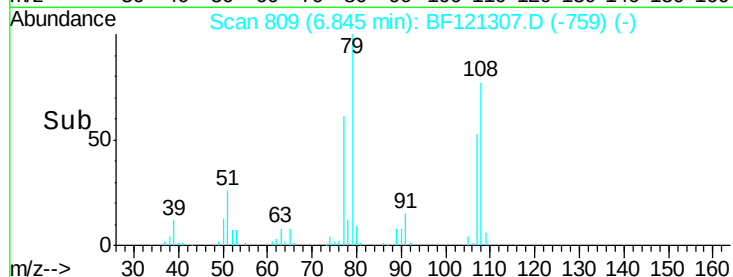
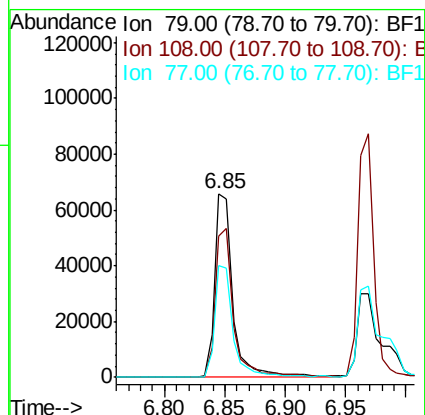
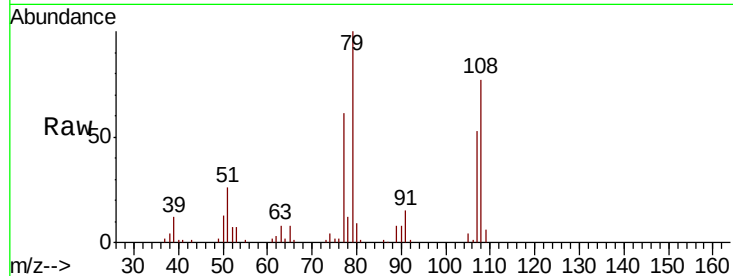




#15  
Benzyl Alcohol  
Concen: 36.385 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

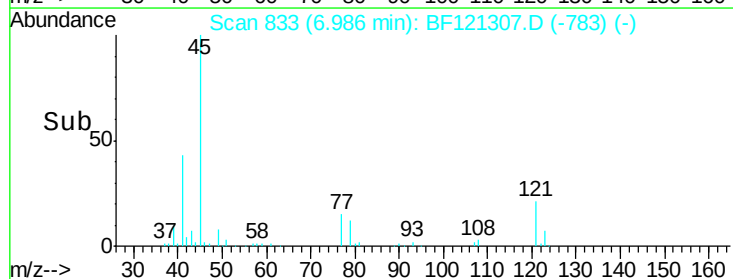
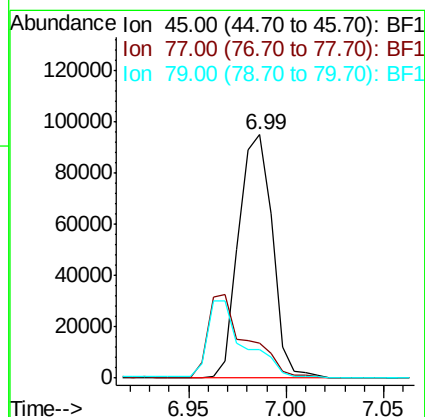
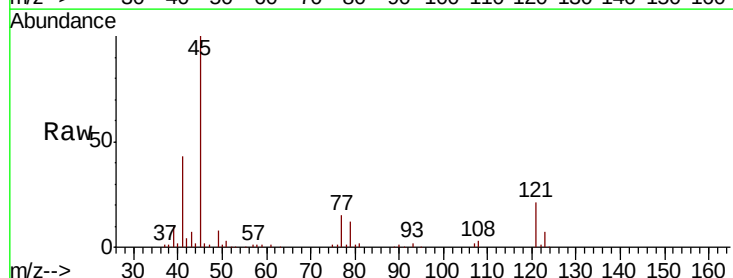
Instrument :  
BNA\_F  
ClientSampled :  
SP1-3MSD

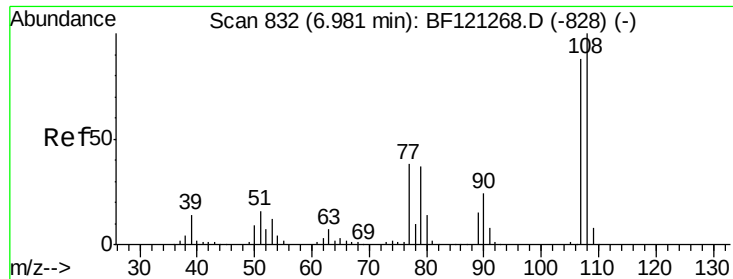
Tot Ion: 79 Resp: 68624  
Ion Ratio Lower Upper  
79 100  
108 77.0 66.3 99.5  
77 61.1 50.0 75.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.968 ng  
RT: 6.99 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Tgt Ion: 45 Resp: 114185  
Ion Ratio Lower Upper  
45 100  
77 14.6 0.0 34.4  
79 11.6 0.0 31.5

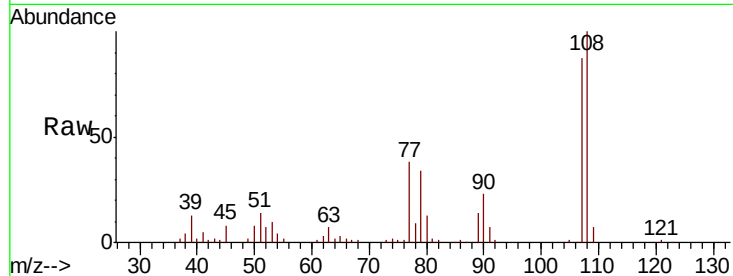




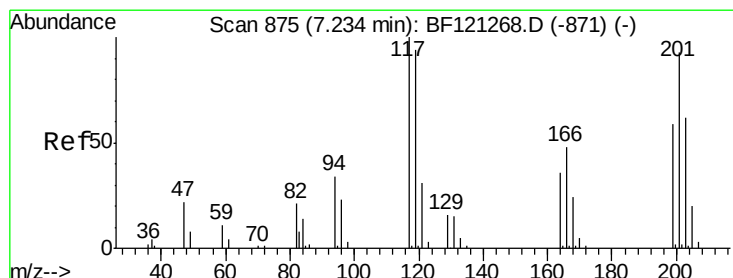
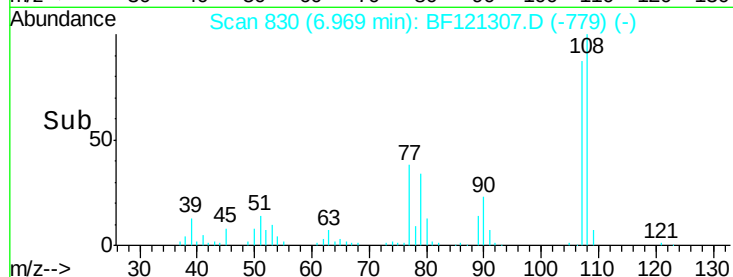
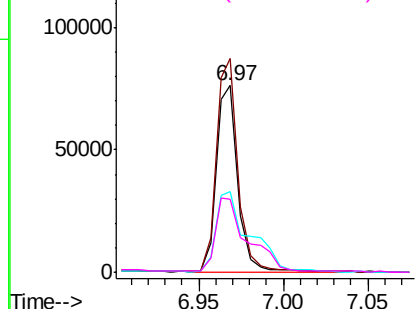
#17  
2-Methylphenol  
Concen: 36.392 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.00 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 69065 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.5 | 93.4  | 140.0 |
| 77       | 43.0  | 35.7  | 53.5  |
| 79       | 39.3  | 34.1  | 51.1  |

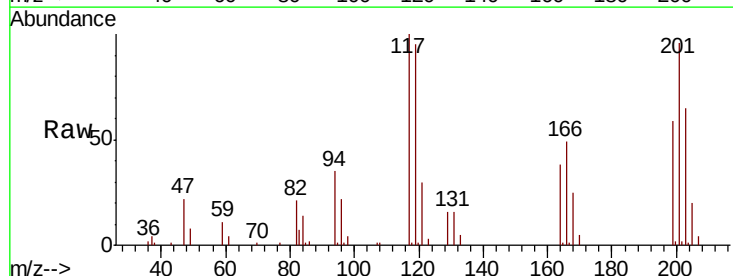


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

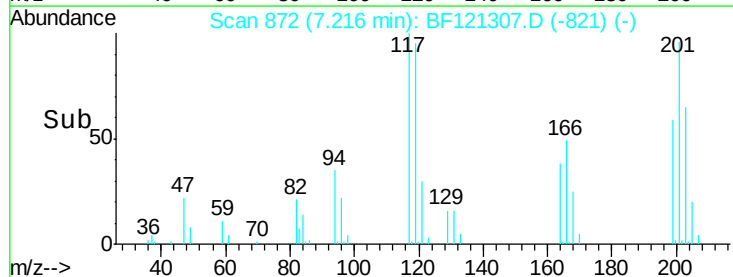
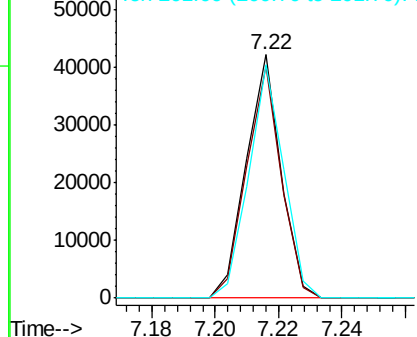


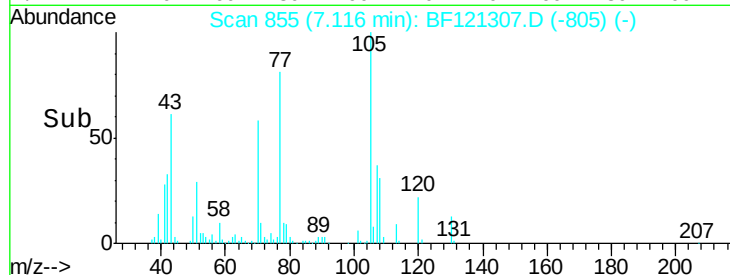
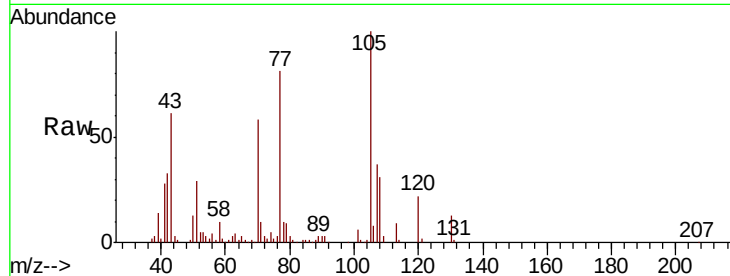
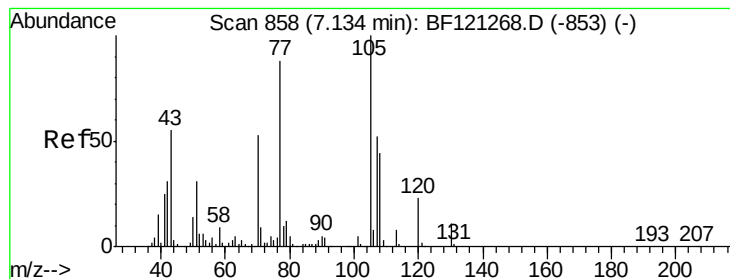
#18  
Hexachloroethane  
Concen: 35.284 ng  
RT: 7.22 min Scan# 872  
Delta R.T. -0.00 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 32016 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.3  | 74.6  | 112.0 |
| 201      | 95.7  | 69.8  | 104.8 |



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: 35.881 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

Tot Ion: 70 Resp: 56131

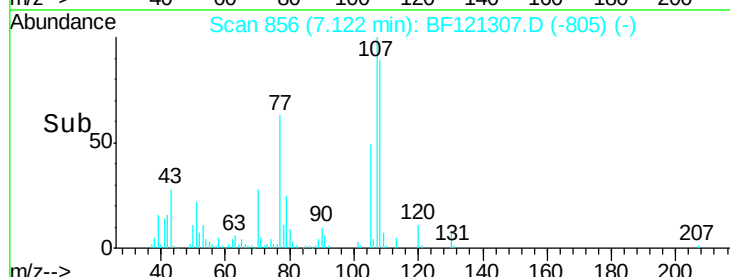
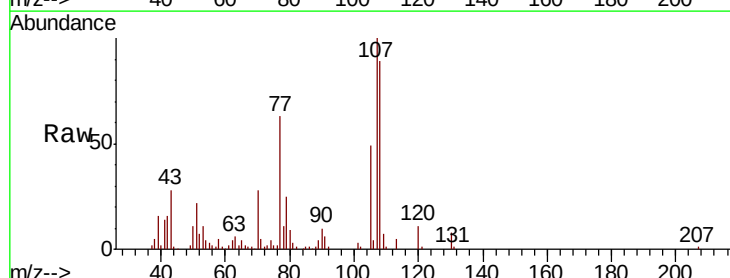
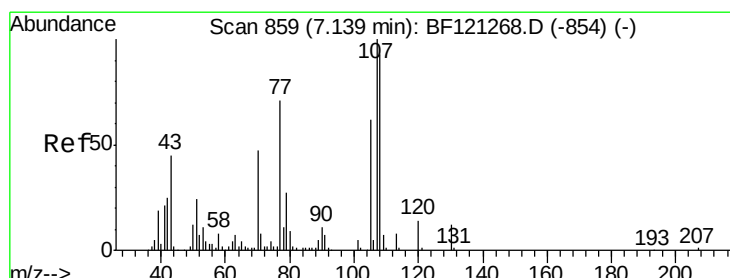
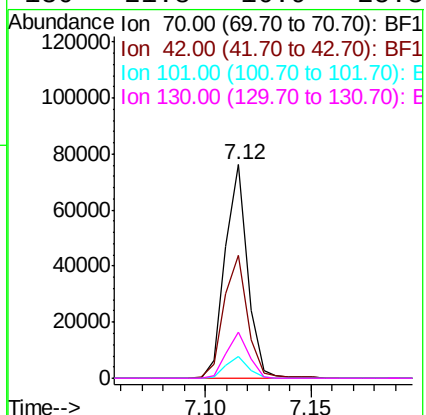
Ion Ratio Lower Upper

70 100

42 57.7 47.0 70.6

101 10.4 7.6 11.4

130 21.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 37.463 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Tgt Ion:107 Resp: 90205

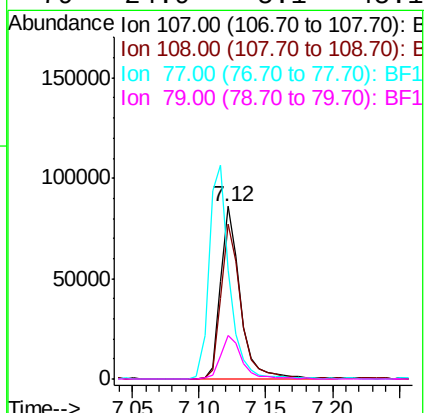
Ion Ratio Lower Upper

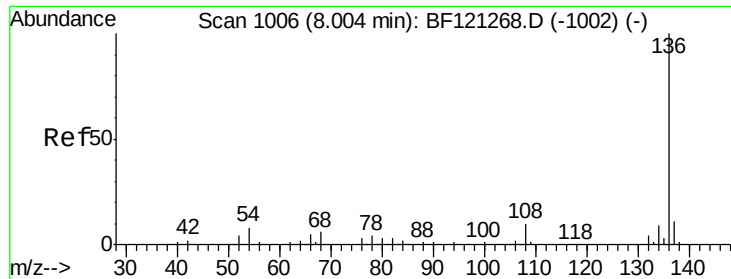
107 100

108 89.5 66.3 106.3

77 63.4 119.8 159.8#

79 24.9 5.1 45.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

Tot Ion:136 Resp: 130907

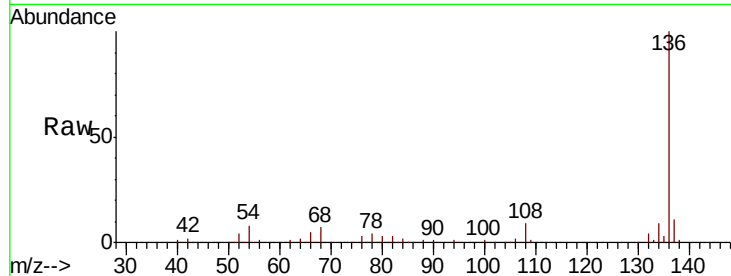
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.8 5.4 8.2

68 6.5 4.6 6.8

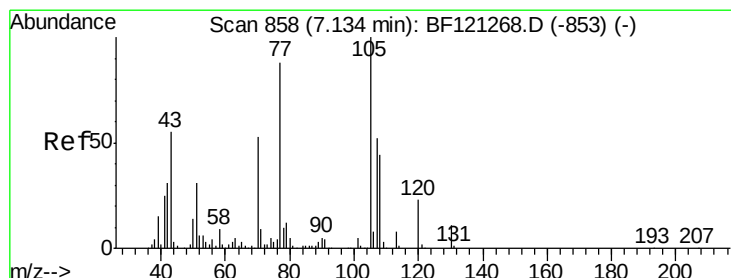
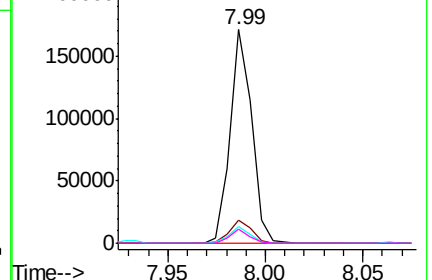
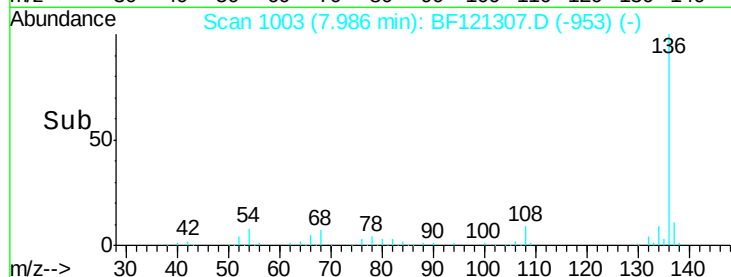


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.295 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Tgt Ion:105 Resp: 119005

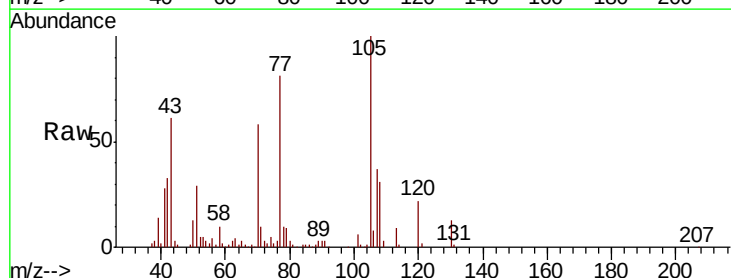
Ion Ratio Lower Upper

105 100

71 9.6 7.1 10.7

51 28.6 25.9 38.9

120 22.3 17.8 26.8

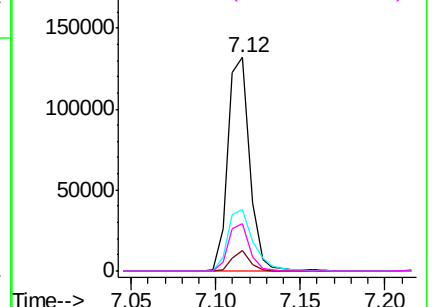
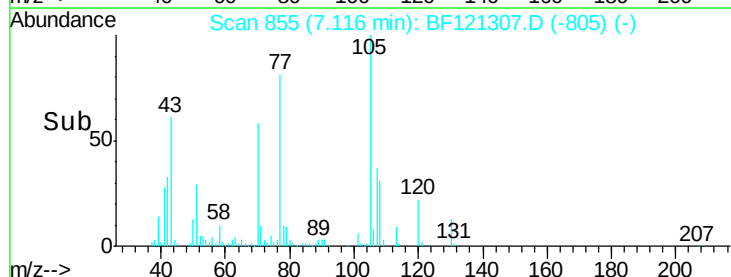


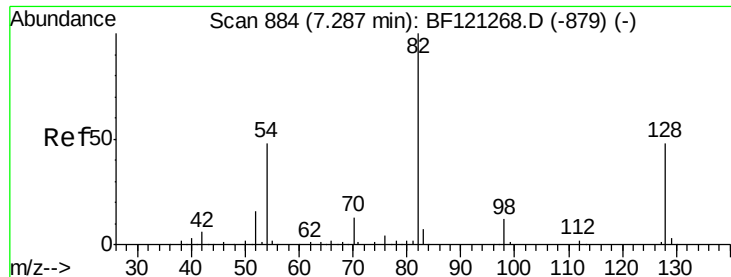
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

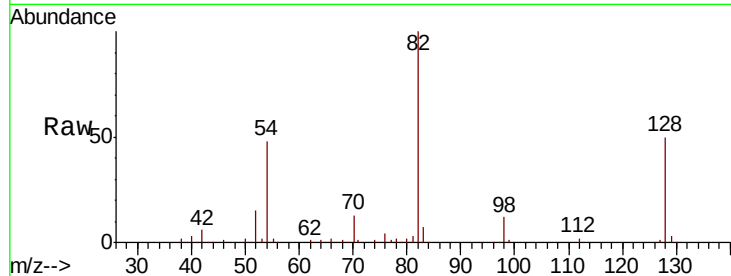




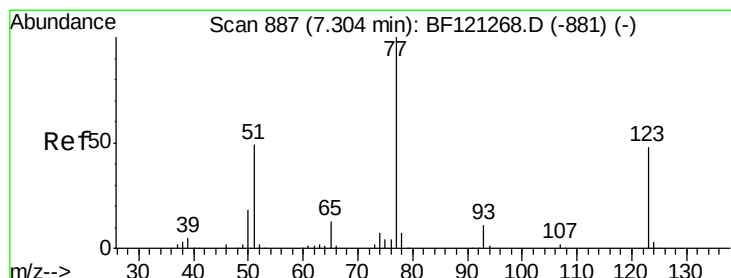
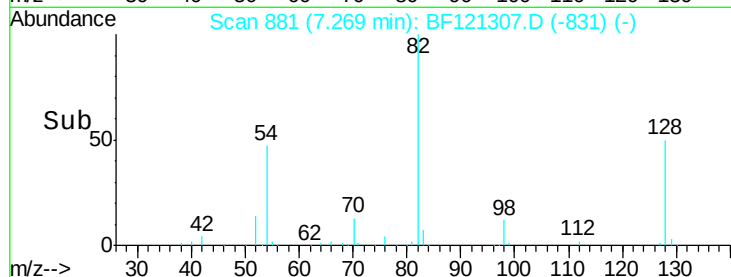
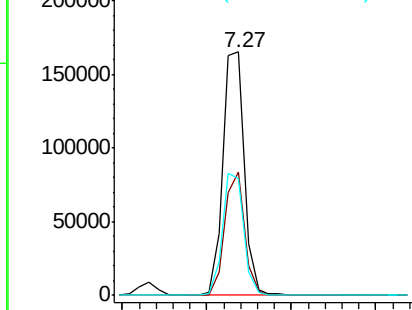
#23  
Nitrobenzene-d5  
Concen: 61.462 ng  
RT: 7.27 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MSD

Tot Ion: 82 Resp: 147216  
Ion Ratio Lower Upper  
82 100  
128 50.4 38.2 57.2  
54 48.0 38.2 57.4

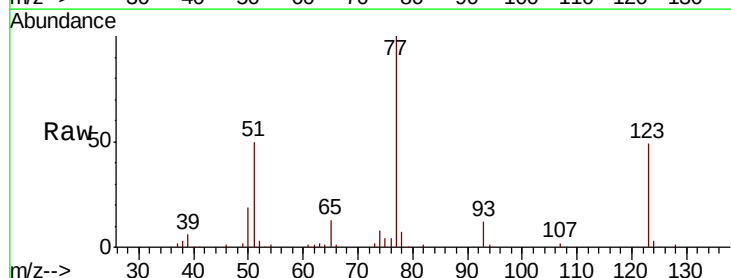


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

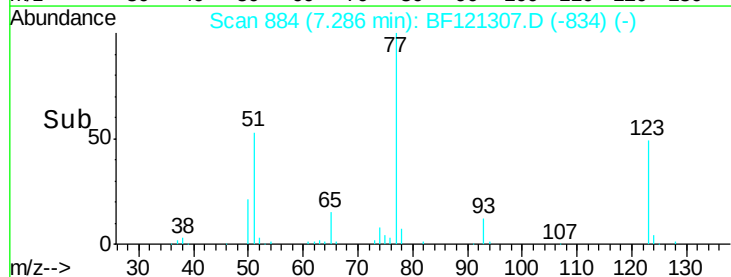
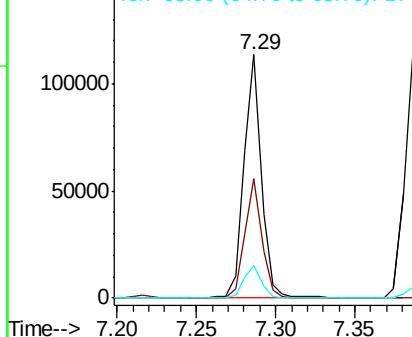


#24  
Nitrobenzene  
Concen: 33.375 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

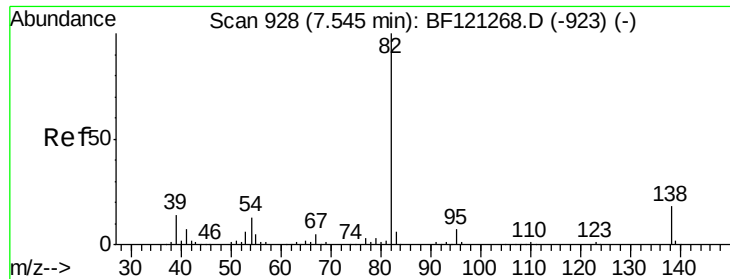
Tgt Ion: 77 Resp: 86741  
Ion Ratio Lower Upper  
77 100  
123 49.2 40.3 60.5  
65 13.3 10.2 15.4



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: 33.068 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

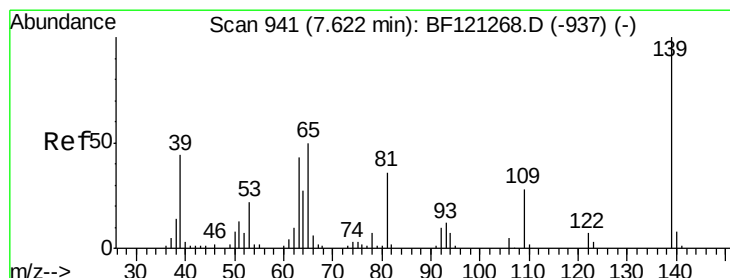
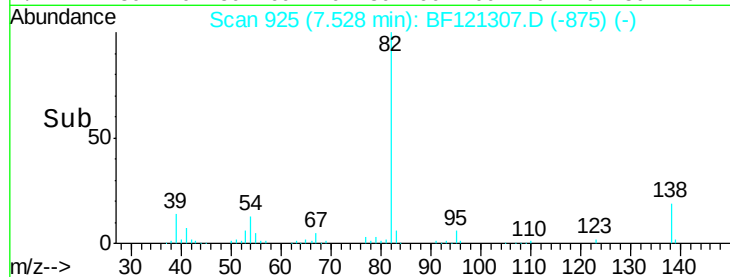
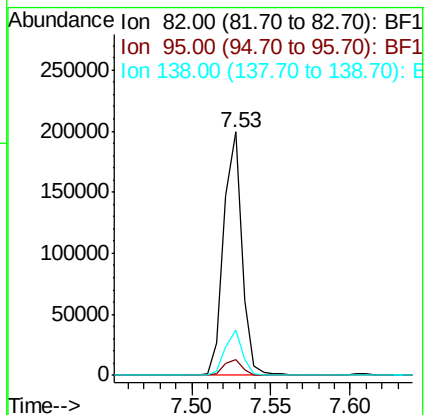
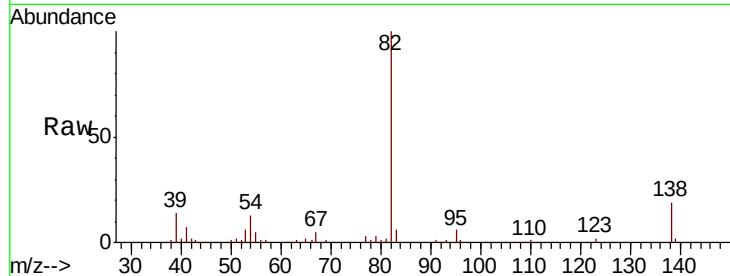
Tot Ion: 82 Resp: 159026

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

138 18.6 15.6 23.4



#26

2-Nitrophenol

Concen: 34.041 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

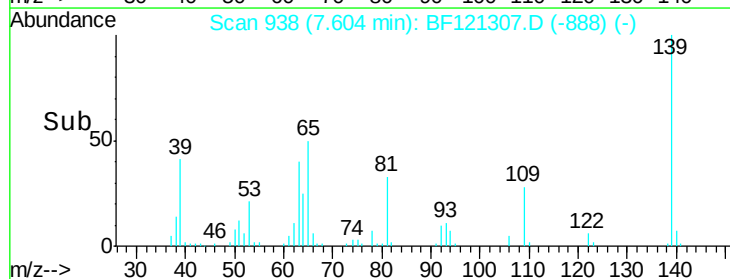
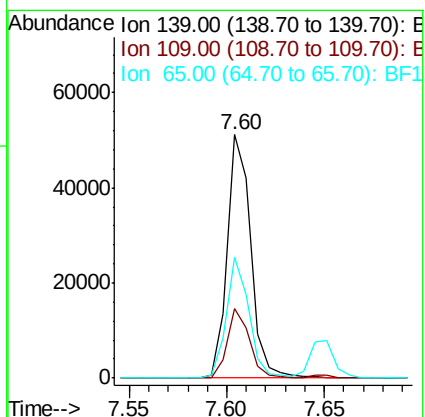
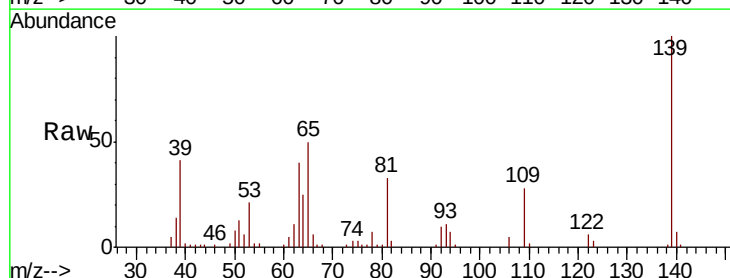
Tgt Ion: 139 Resp: 42868

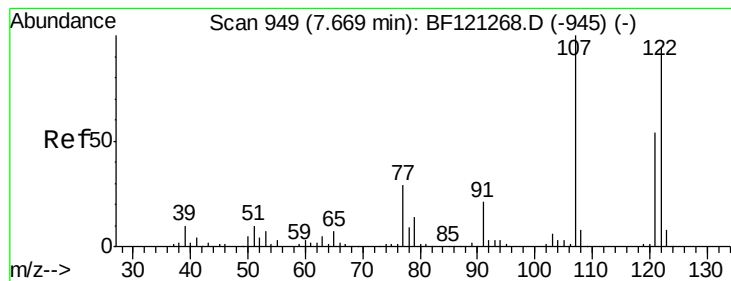
Ion Ratio Lower Upper

139 100

109 28.3 20.8 31.2

65 49.8 36.4 54.6

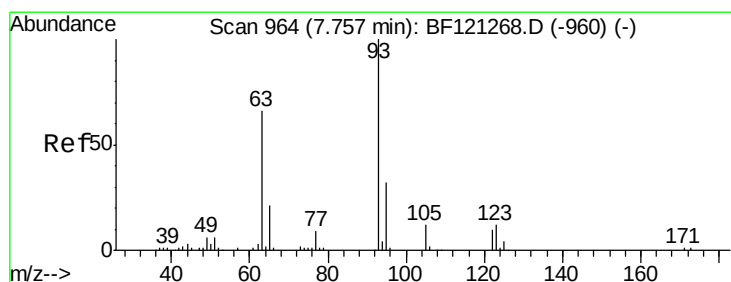
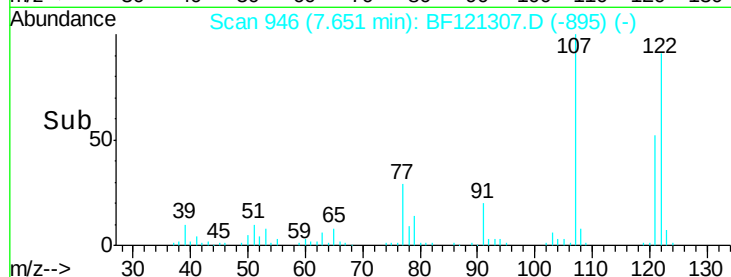
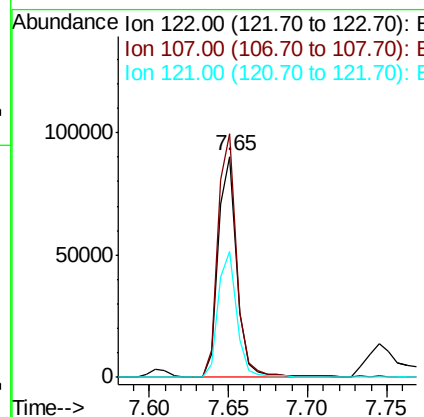
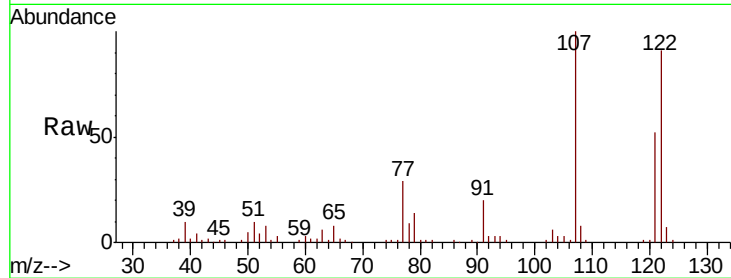




#27  
 2,4-Dimethylphenol  
 Concen: 36.878 ng  
 RT: 7.65 min Scan# 946  
 Delta R.T. -0.00 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

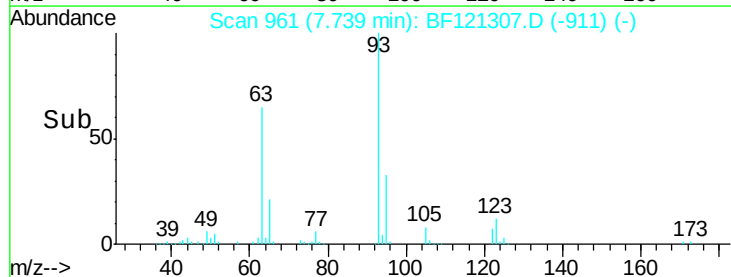
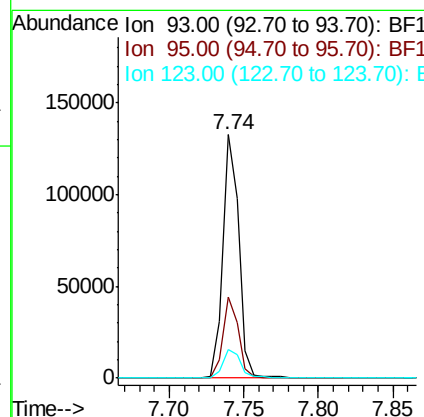
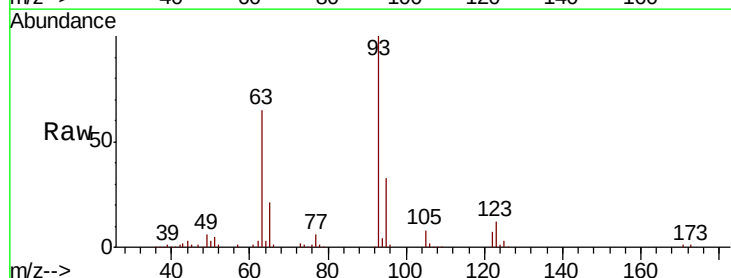
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

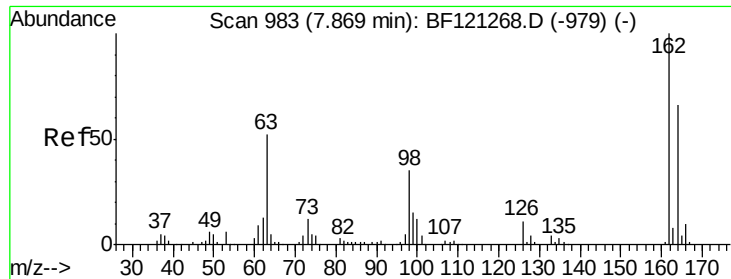
Tot Ion:122 Resp: 74407  
 Ion Ratio Lower Upper  
 122 100  
 107 110.2 87.2 130.8  
 121 57.0 45.7 68.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.235 ng  
 RT: 7.74 min Scan# 961  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion: 93 Resp: 100155  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.7 40.1  
 123 11.6 9.1 13.7

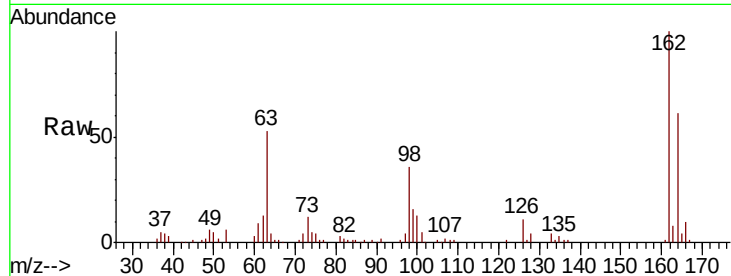




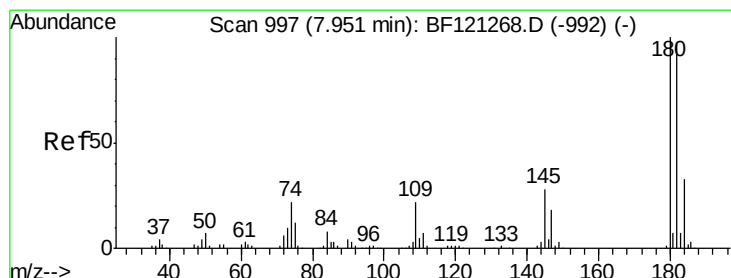
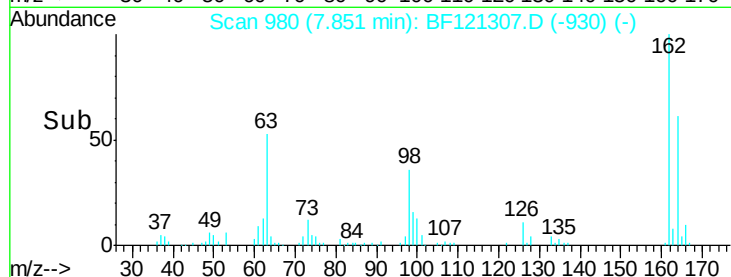
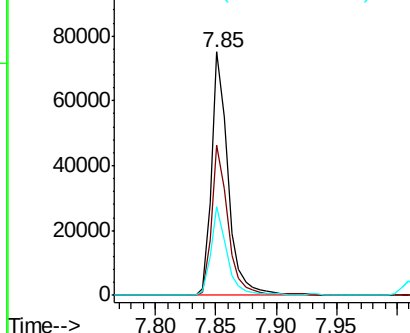
#29  
 2,4-Dichlorophenol  
 Concen: 34.405 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.5  | 45.0  | 85.0  |
| 98      | 36.3  | 13.7  | 53.7  |

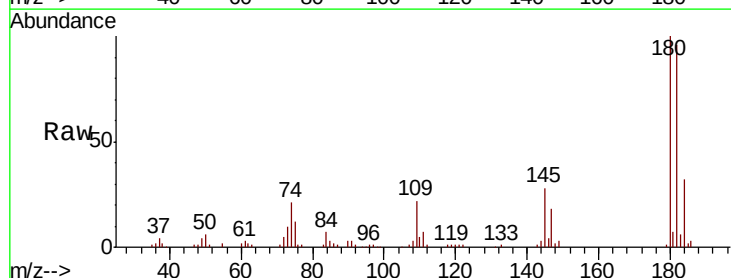


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

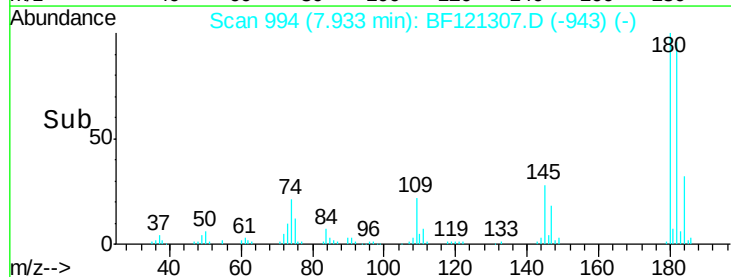
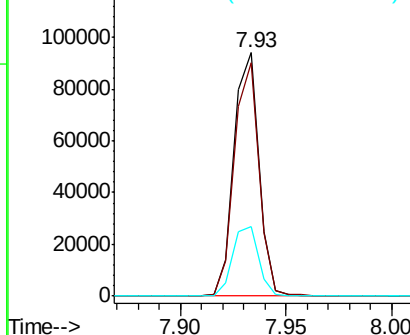


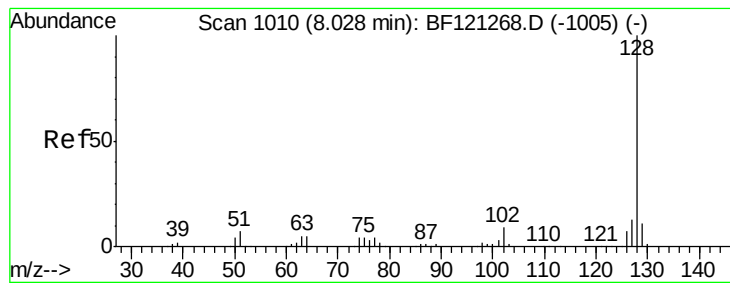
#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.627 ng  
 RT: 7.93 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 75.8  | 113.6 |
| 145     | 28.3  | 23.4  | 35.0  |



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: 34.094 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

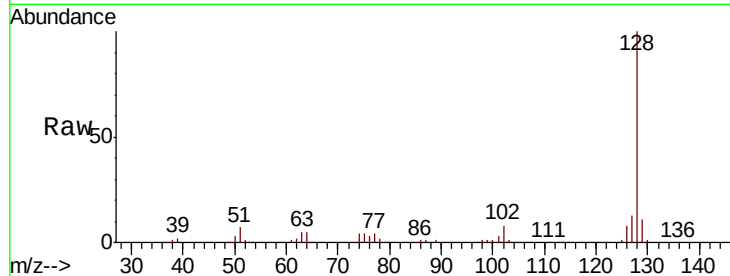
Tot Ion:128 Resp: 251093

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

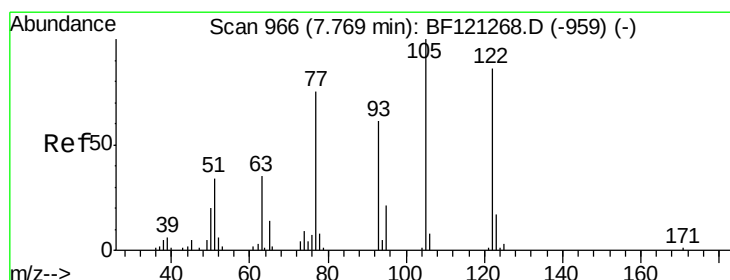
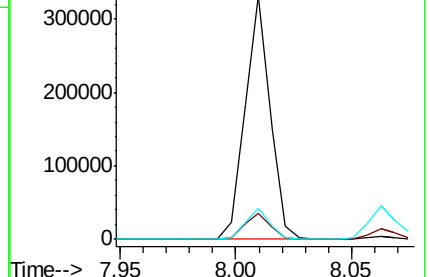
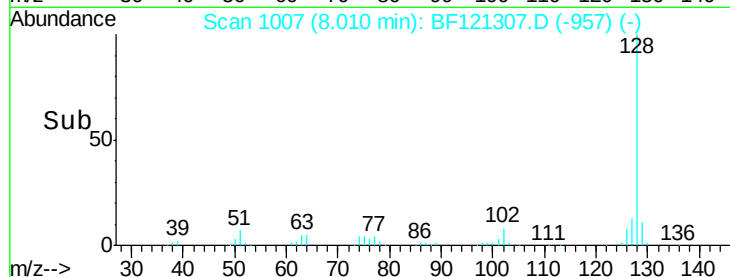
127 12.7 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.229 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

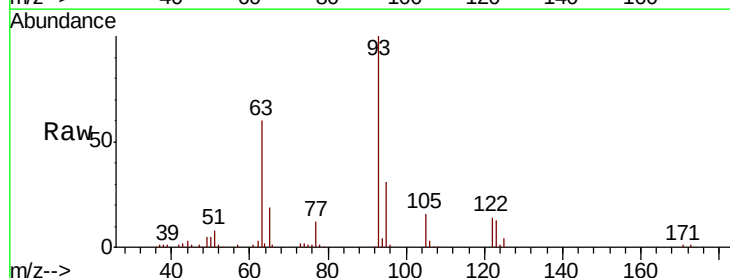
Tgt Ion:122 Resp: 27307

Ion Ratio Lower Upper

122 100

105 115.6 101.1 141.1

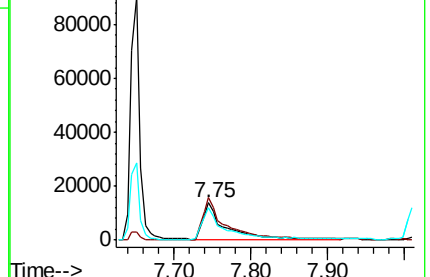
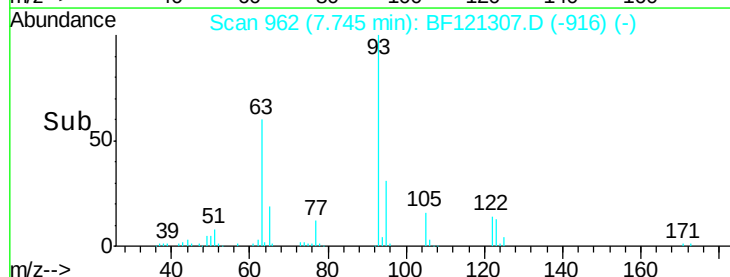
77 85.4 67.8 107.8

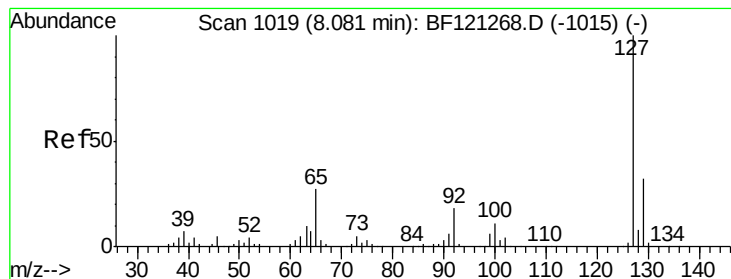


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.774 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

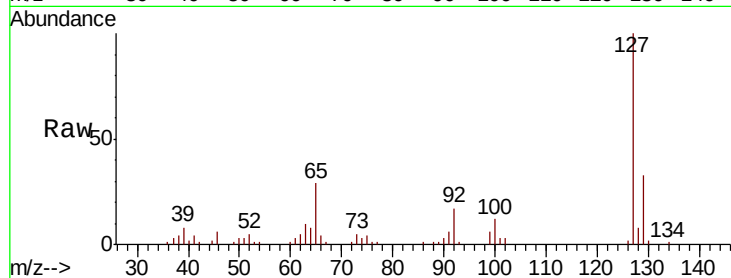
Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 41397     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 33.0  | 25.7 38.5 |
| 65          | 28.7  | 22.9 34.3 |
| 92          | 17.3  | 15.0 22.4 |

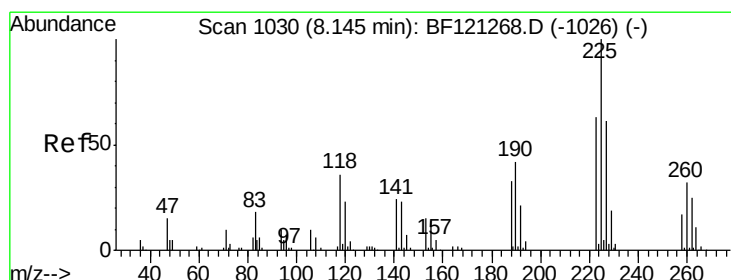
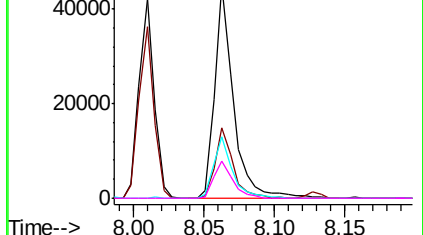
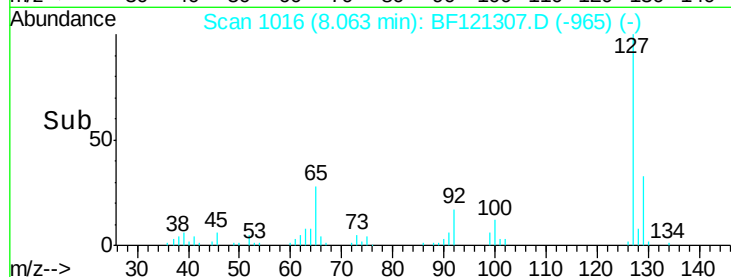


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 32.289 ng

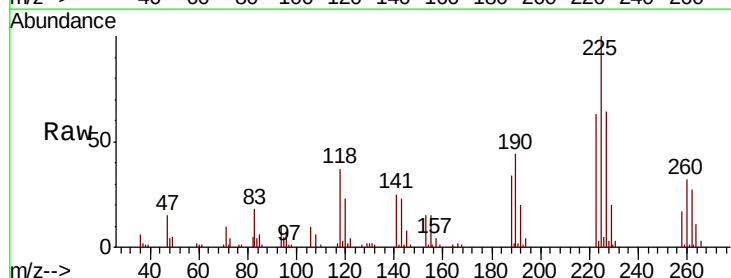
RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

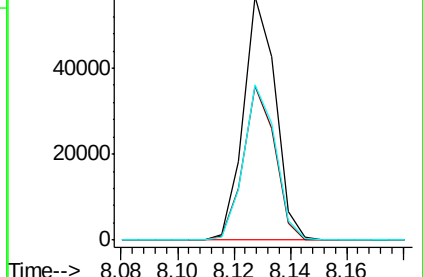
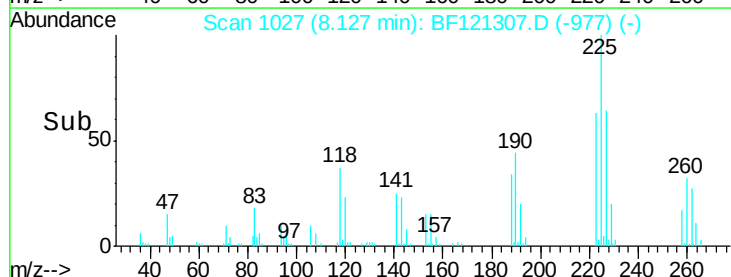
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 44489     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.4  | 51.0 76.4 |
| 227         | 64.0  | 51.0 76.4 |

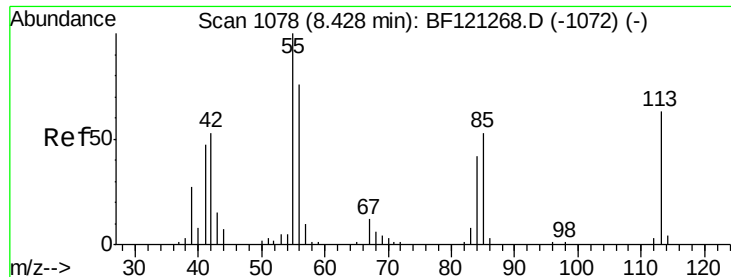


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

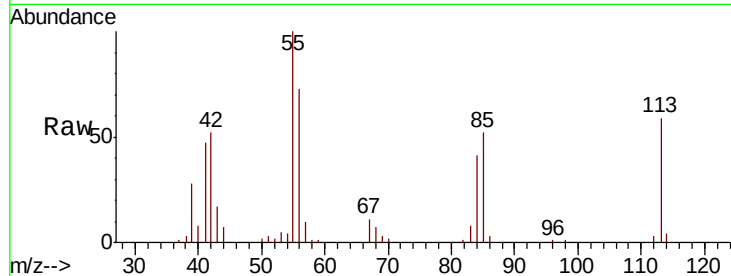




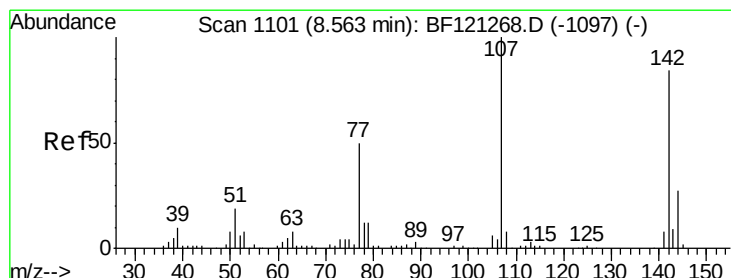
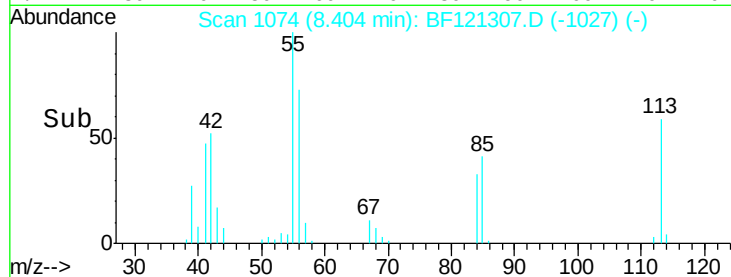
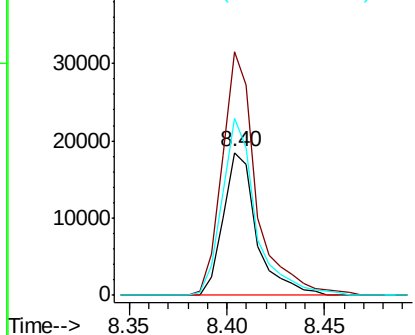
#35  
 Caprolactam  
 Concen: 35.259 ng  
 RT: 8.40 min Scan# 1074  
 Delta R.T. -0.02 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

Tot Ion:113 Resp: 21912  
 Ion Ratio Lower Upper  
 113 100  
 55 170.4 146.1 186.1  
 56 123.6 103.3 143.3

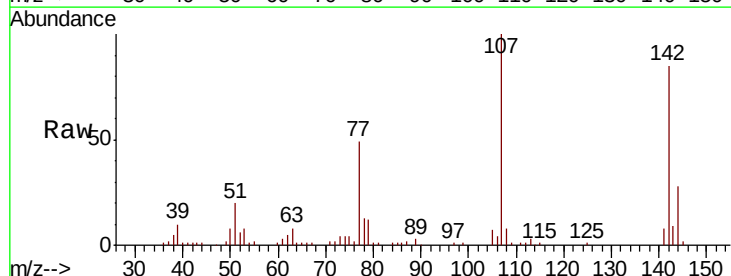


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

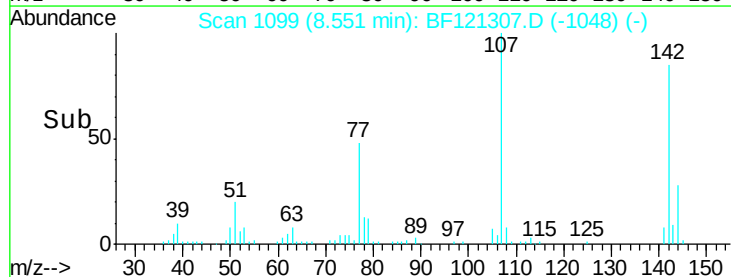
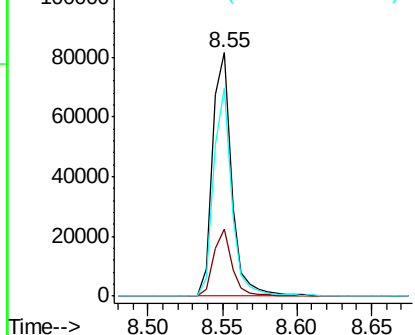


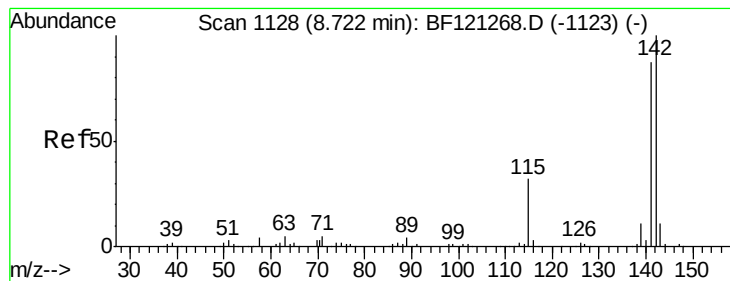
#36  
 4-Chloro-3-methylphenol  
 Concen: 34.457 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. -0.00 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion:107 Resp: 72534  
 Ion Ratio Lower Upper  
 107 100  
 144 27.6 20.4 30.6  
 142 85.4 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.464 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

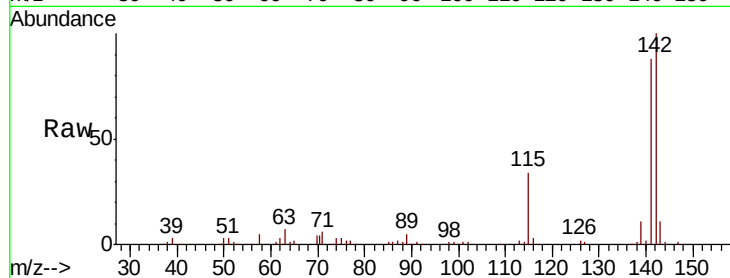
Tot Ion:142 Resp: 167024

Ion Ratio Lower Upper

142 100

141 87.5 69.2 103.8

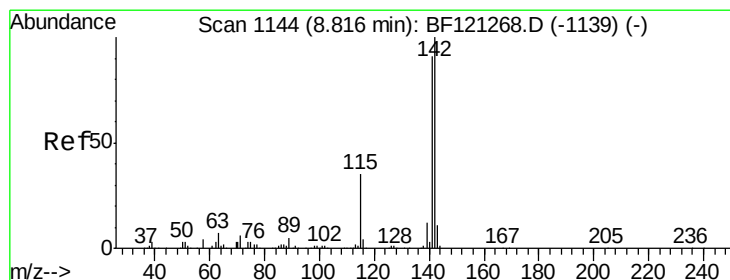
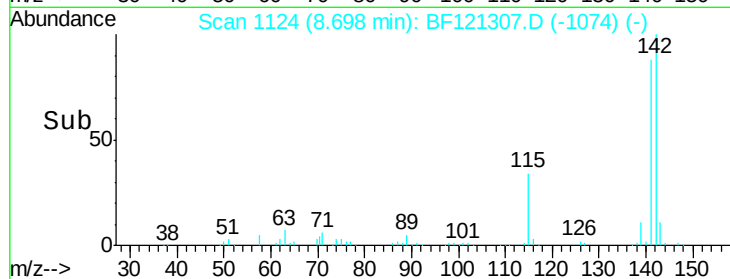
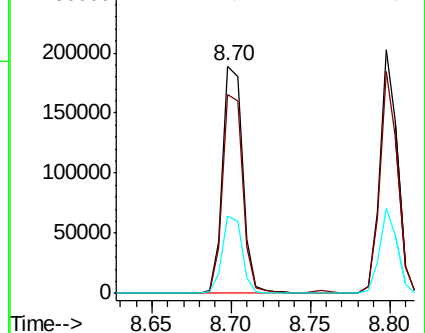
115 34.1 25.8 38.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.423 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

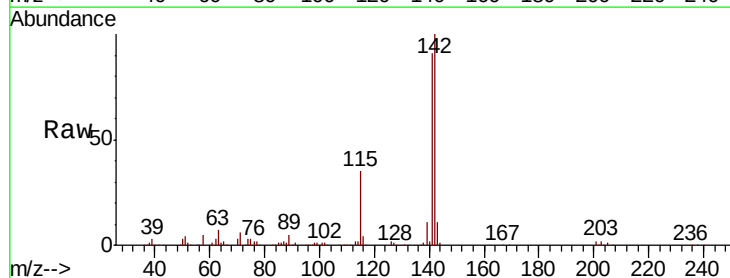
Tgt Ion:142 Resp: 157960

Ion Ratio Lower Upper

142 100

141 91.3 72.6 109.0

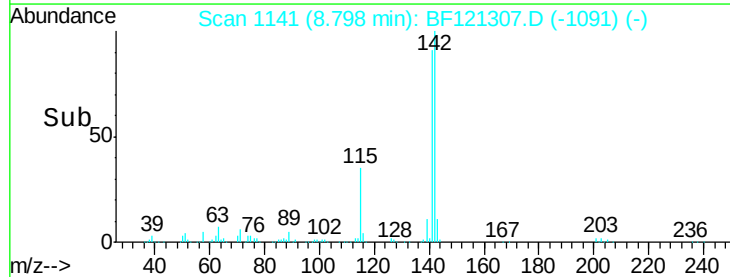
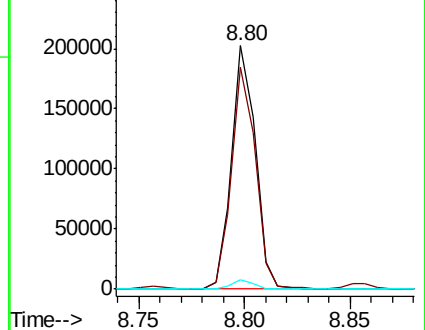
116 3.6 2.8 4.2

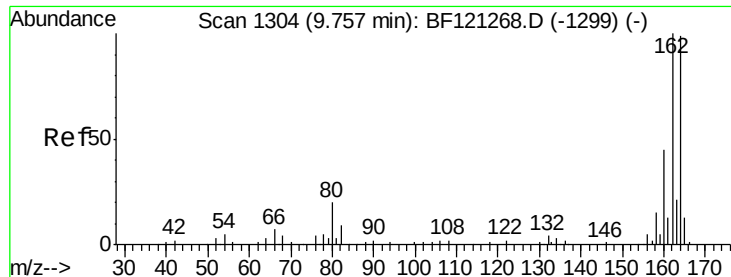


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

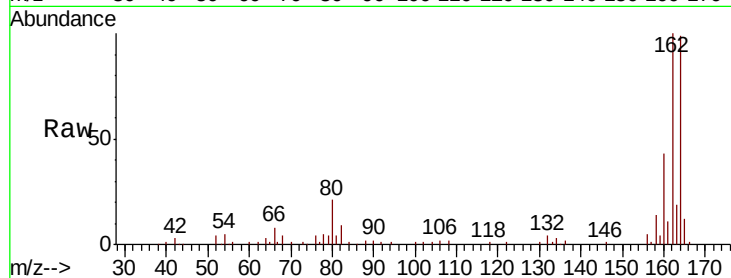
Tot Ion:164 Resp: 68111

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

160 43.7 36.5 54.7

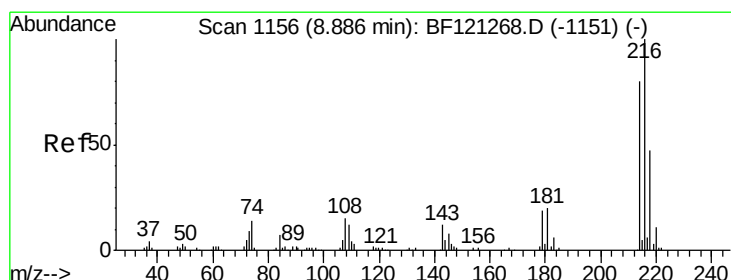
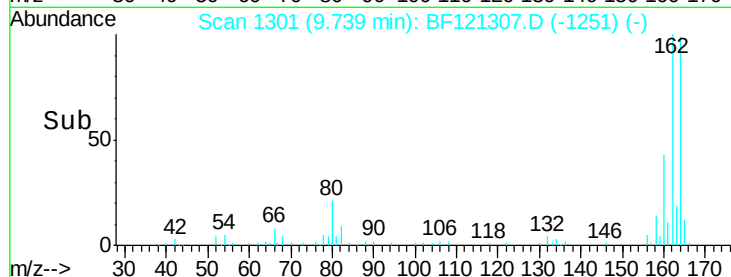
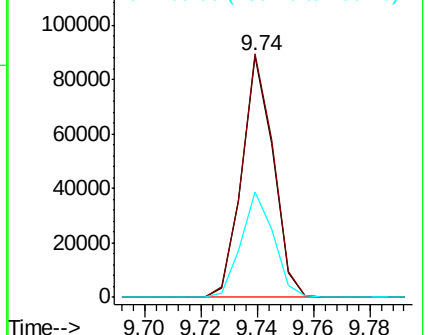


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.065 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Tgt Ion:216 Resp: 77743

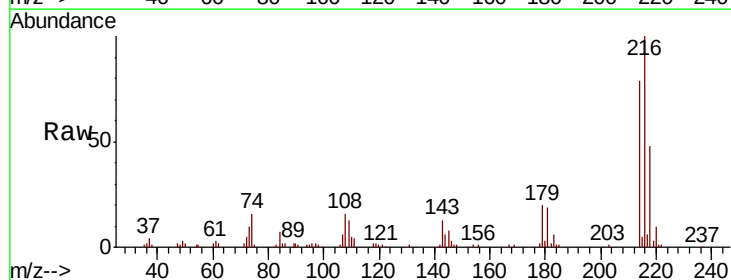
Ion Ratio Lower Upper

216 100

214 78.3 63.2 94.8

179 20.5 15.8 23.6

108 18.3 14.1 21.1



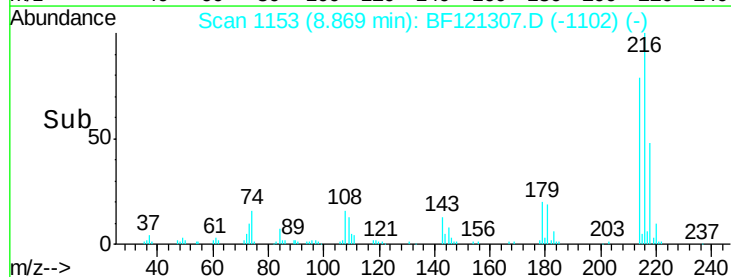
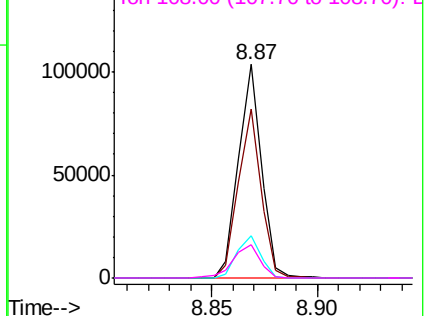
Abundance

Ion 216.00 (215.70 to 216.70): E

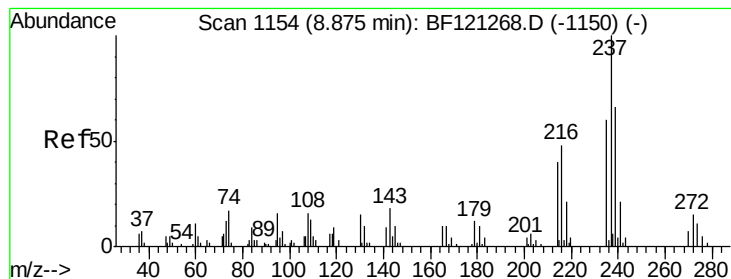
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 42.074 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

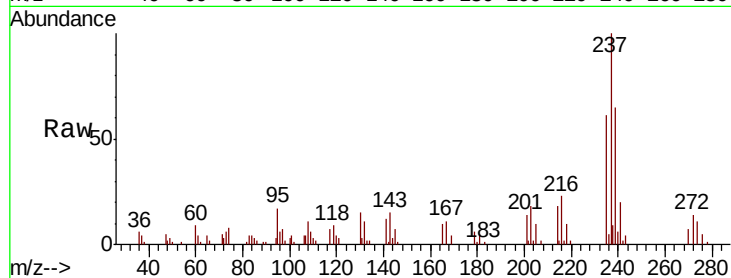
Tot Ion:237 Resp: 27573

Ion Ratio Lower Upper

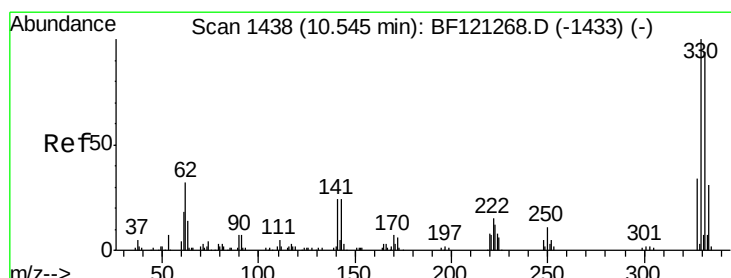
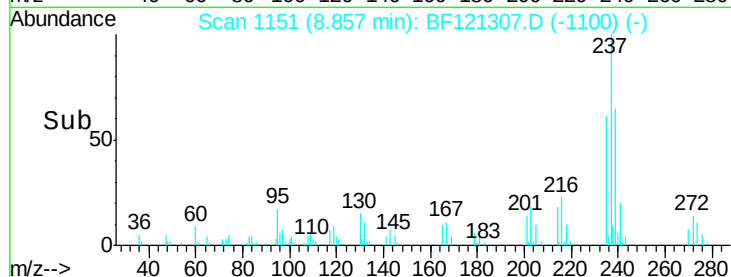
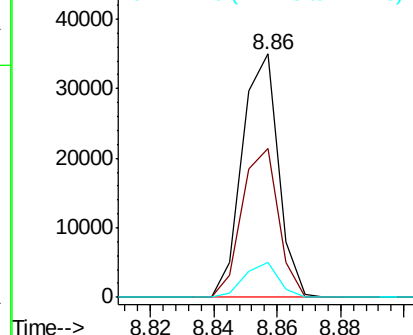
237 100

235 60.9 41.5 81.5

272 14.4 0.0 34.2



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: 84.446 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

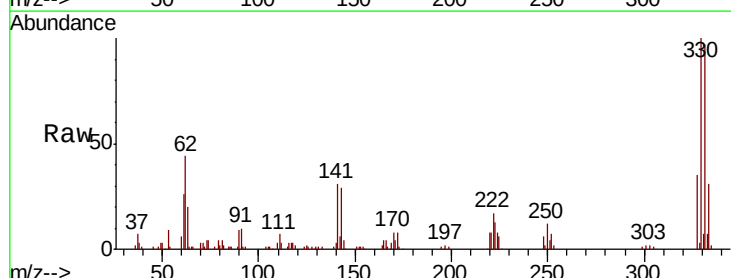
Tgt Ion:330 Resp: 70815

Ion Ratio Lower Upper

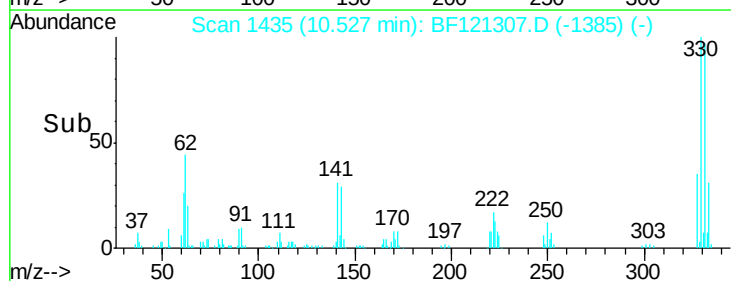
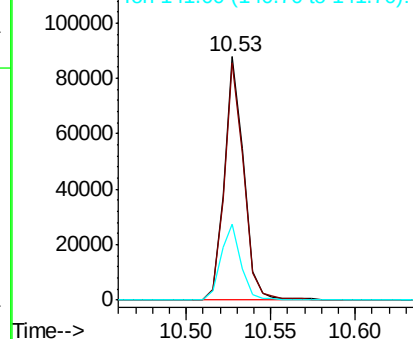
330 100

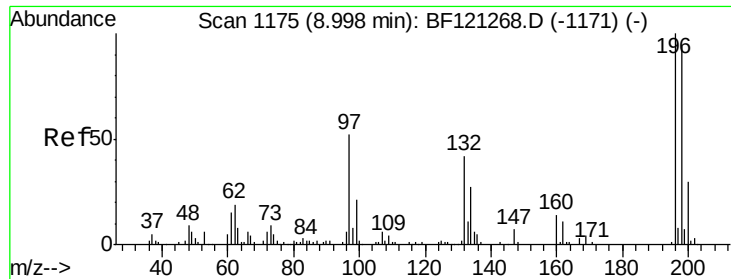
332 96.8 77.4 116.0

141 31.8 24.2 36.4



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

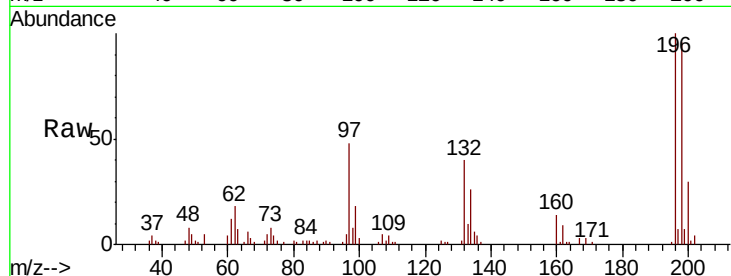




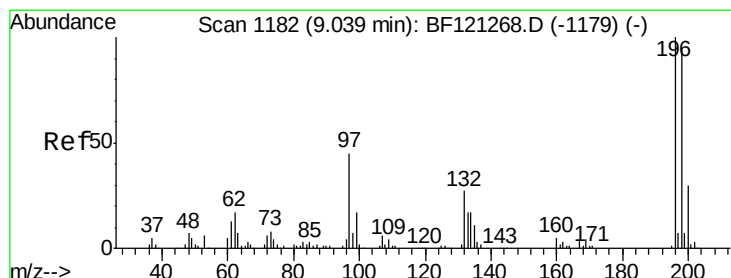
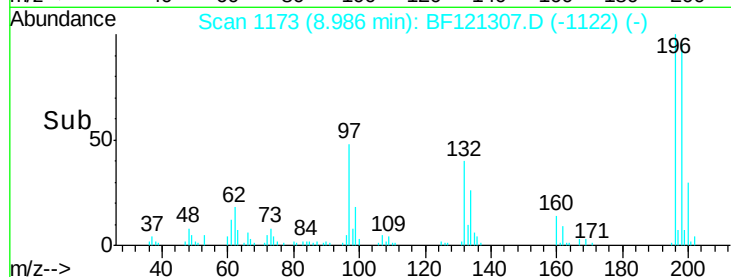
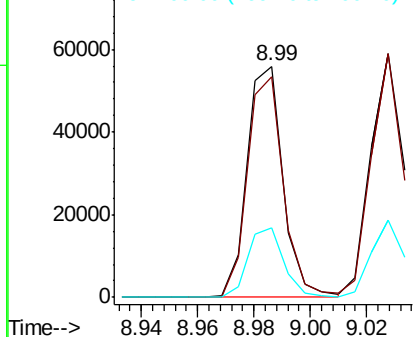
#43  
2,4,6-Trichlorophenol  
Concen: 33.971 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. -0.00 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Instrument :  
BNA\_F  
ClientSampled :  
SP1-3MSD

Tot Ion:196 Resp: 49307  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.9 115.3  
200 29.9 24.6 37.0

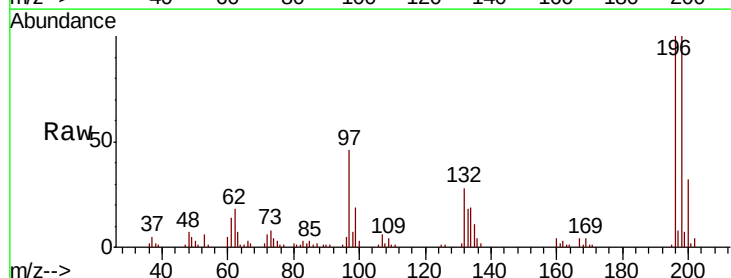


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E

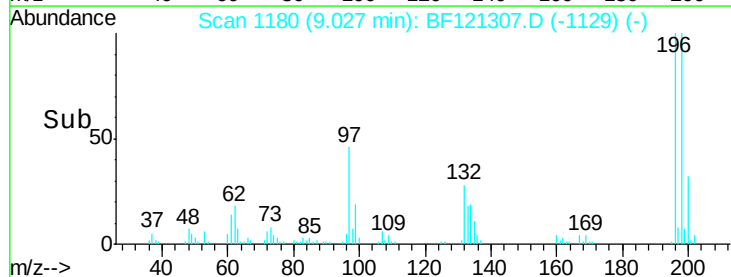
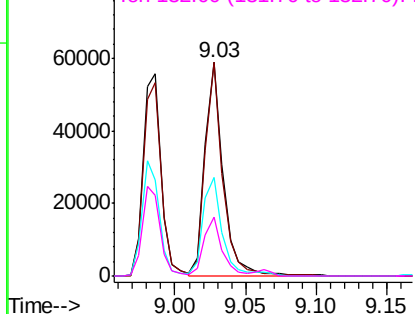


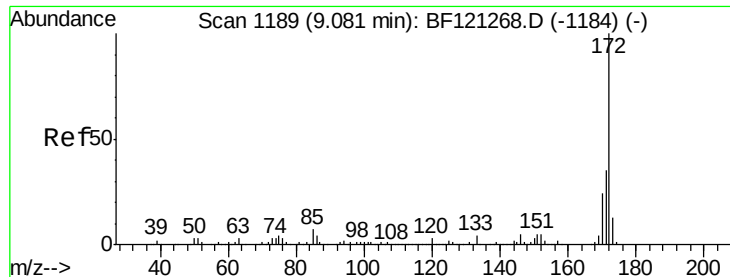
#44  
2,4,5-Trichlorophenol  
Concen: 34.142 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. -0.00 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Tgt Ion:196 Resp: 53825  
Ion Ratio Lower Upper  
196 100  
198 100.0 75.5 113.3  
97 46.4 39.4 59.2  
132 27.6 22.9 34.3



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF1  
Ion 132.00 (131.70 to 132.70): E

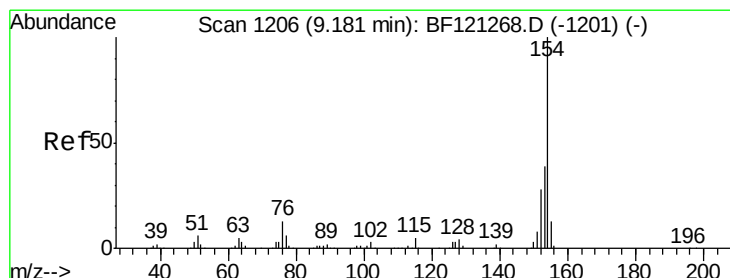
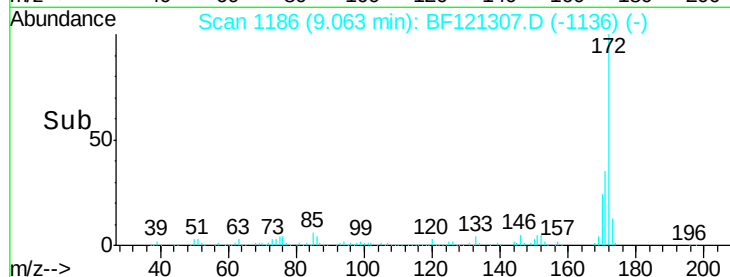
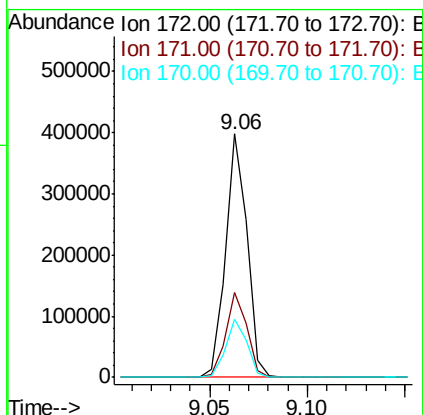
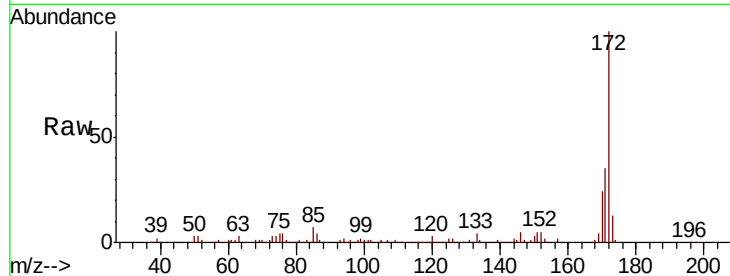




#45  
 2-Fluorobiphenyl  
 Concen: 61.128 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

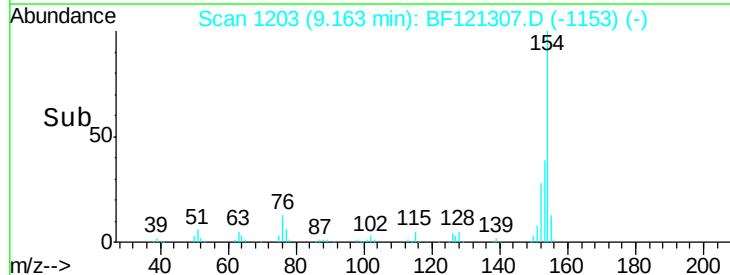
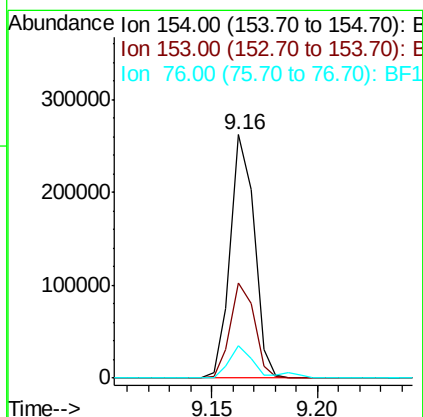
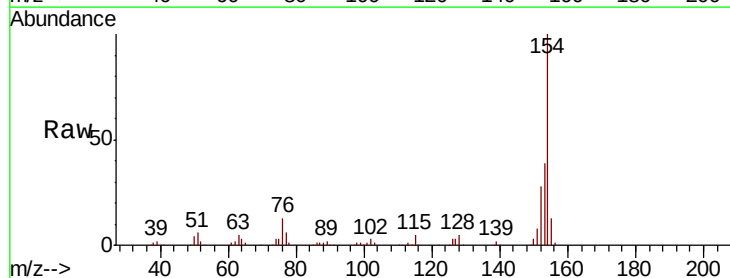
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

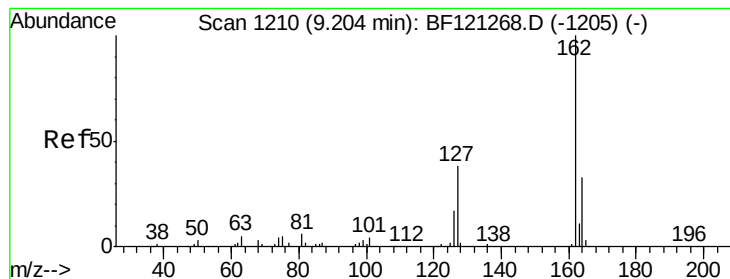
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.0  | 28.8  | 43.2  |
| 170     | 23.9  | 19.3  | 28.9  |



#46  
 1,1'-Biphenyl  
 Concen: 34.878 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.2  | 20.5  | 60.5  |
| 76      | 13.2  | 0.0   | 31.9  |





#47

2-Chloronaphthalene

Concen: 34.466 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

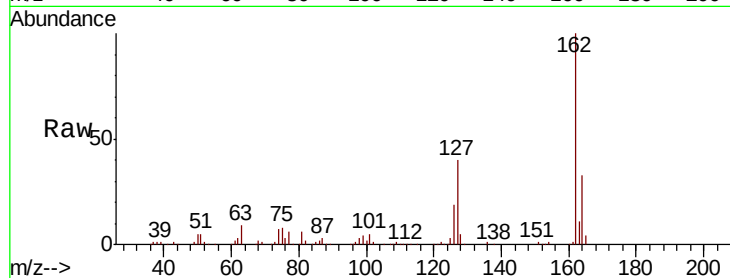
Tot Ion:162 Resp: 156143

Ion Ratio Lower Upper

162 100

127 40.5 31.4 47.2

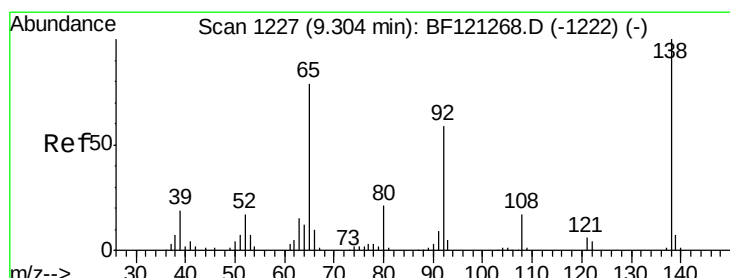
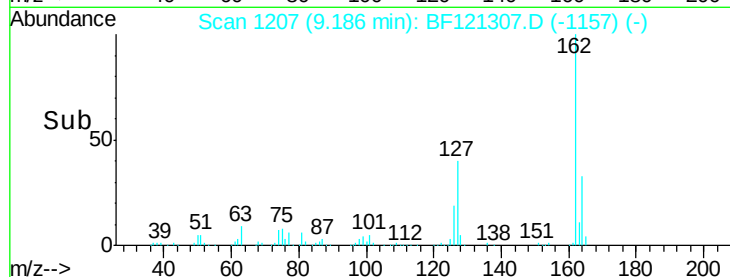
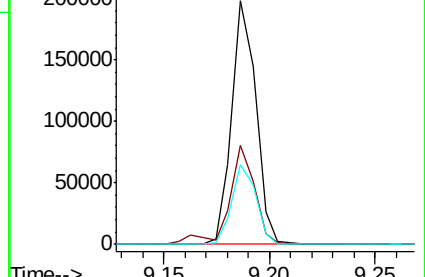
164 32.7 26.5 39.7



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: 35.658 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

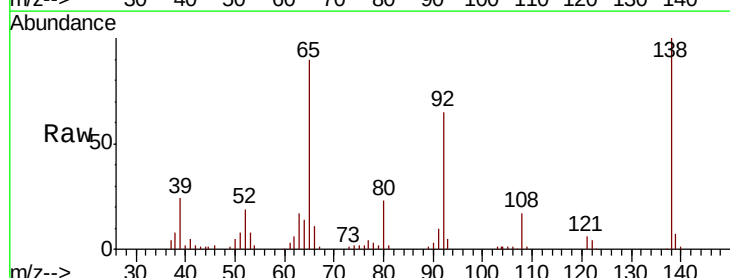
Tgt Ion: 65 Resp: 45406

Ion Ratio Lower Upper

65 100

92 72.3 58.2 87.2

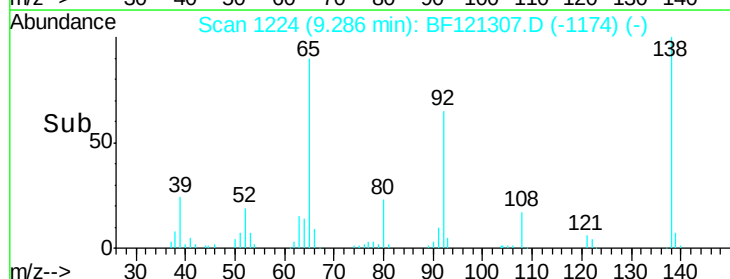
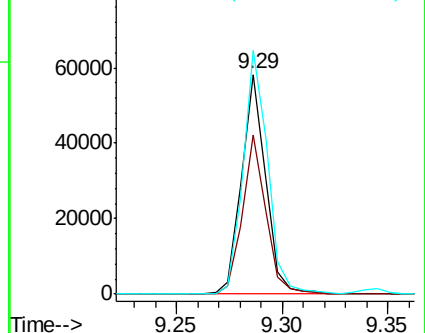
138 110.8 97.5 146.3

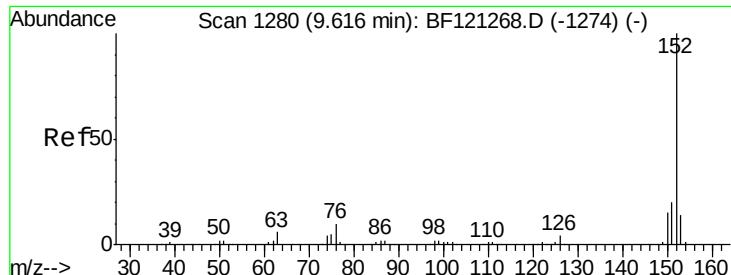


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.797 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

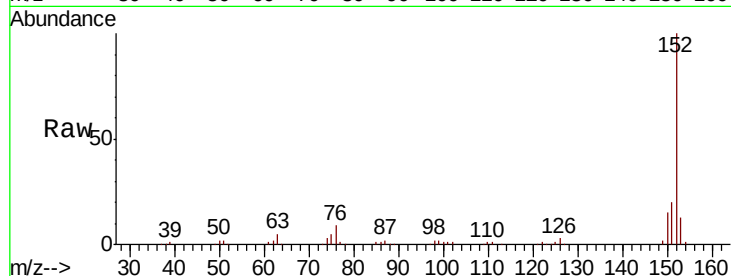
Tot Ion:152 Resp: 250378

Ion Ratio Lower Upper

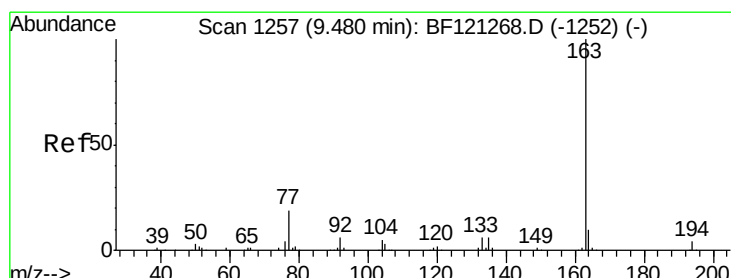
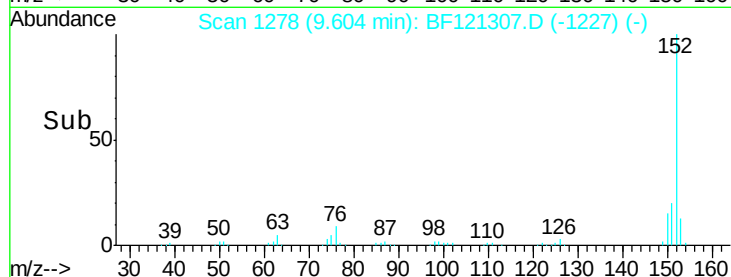
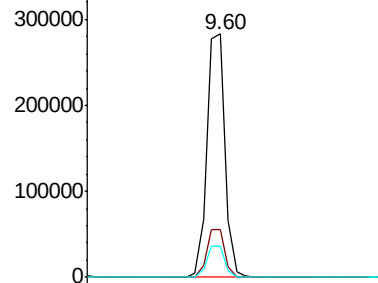
152 100

151 19.9 16.2 24.4

153 12.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.889 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

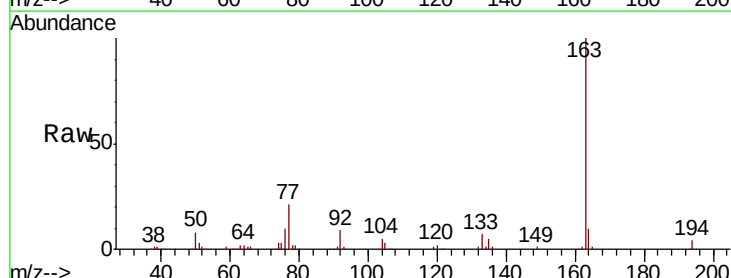
Tgt Ion:163 Resp: 214690

Ion Ratio Lower Upper

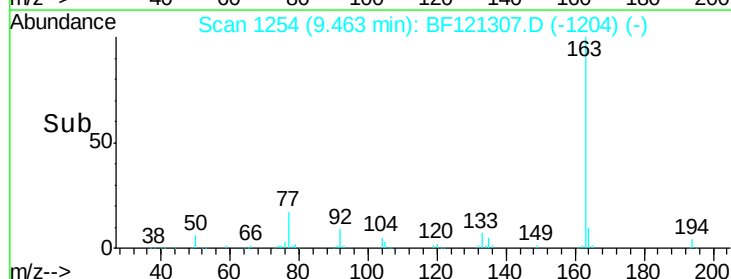
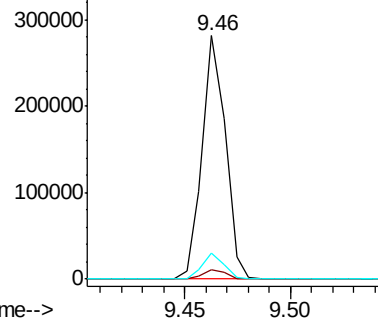
163 100

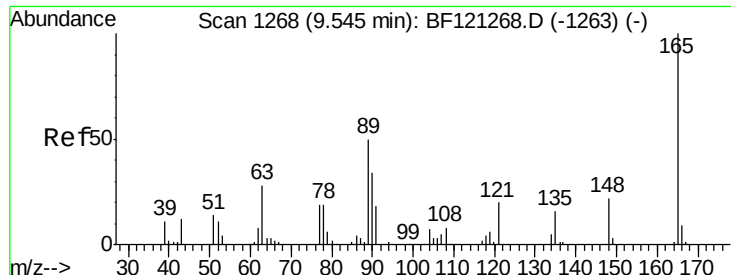
194 3.8 2.9 4.3

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

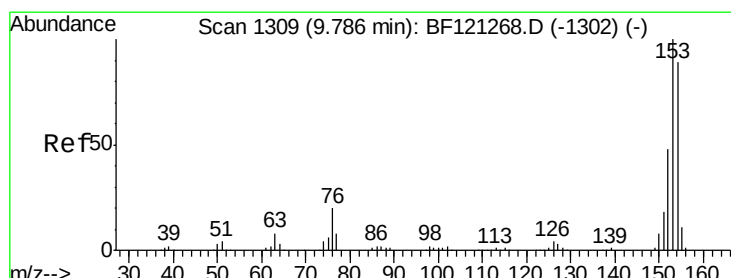
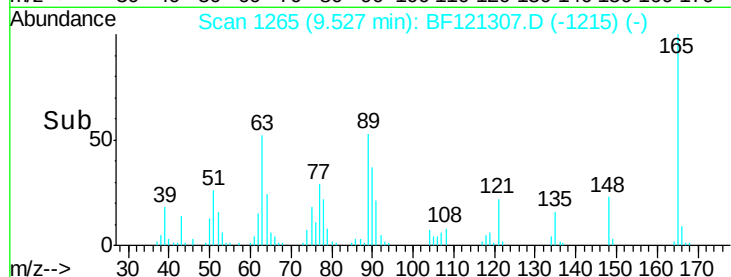
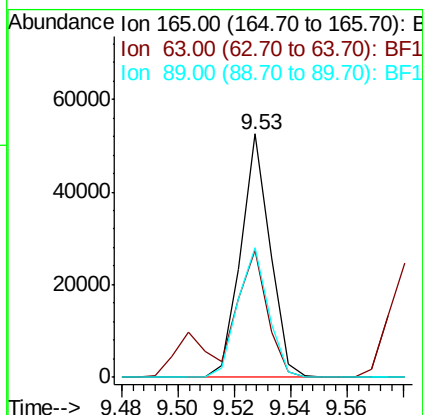
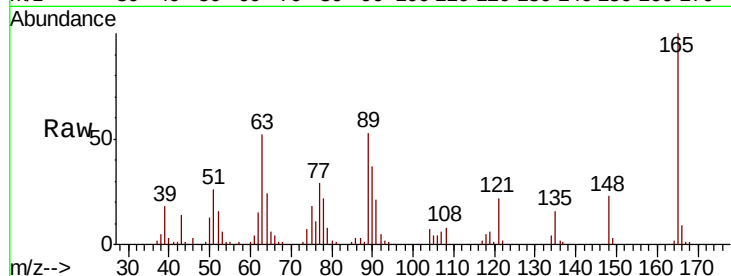




#51  
 2,6-Dinitrotoluene  
 Concen: 33.249 ng  
 RT: 9.53 min Scan# 1265  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

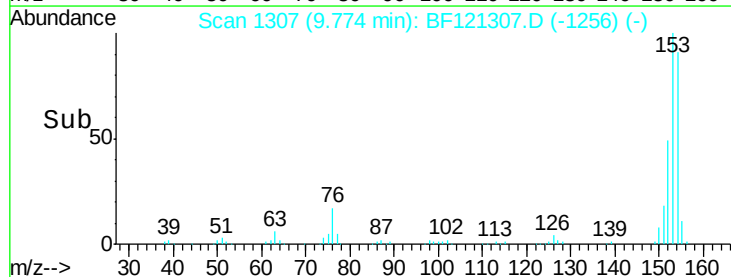
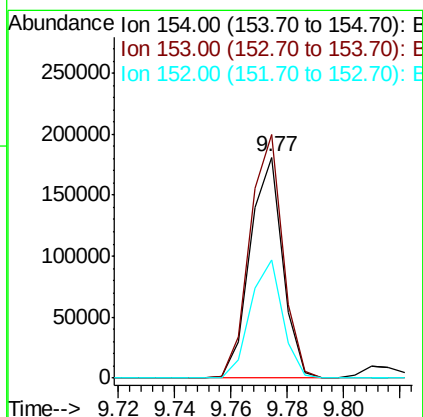
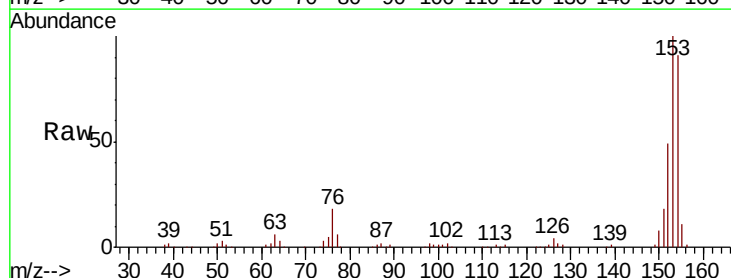
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

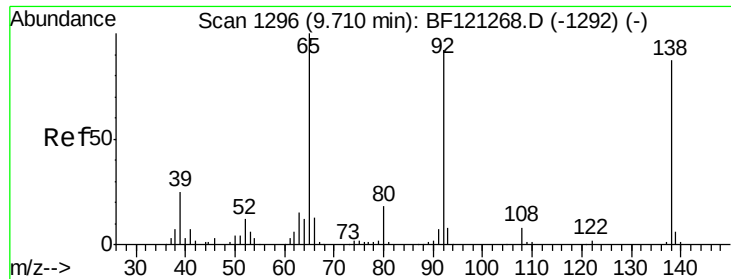
Tot Ion:165 Resp: 37986  
 Ion Ratio Lower Upper  
 165 100  
 63 52.4 42.0 63.0  
 89 53.1 44.7 67.1



#52  
 Acenaphthene  
 Concen: 33.977 ng  
 RT: 9.77 min Scan# 1307  
 Delta R.T. -0.00 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion:154 Resp: 144749  
 Ion Ratio Lower Upper  
 154 100  
 153 110.4 88.0 132.0  
 152 53.8 43.0 64.4

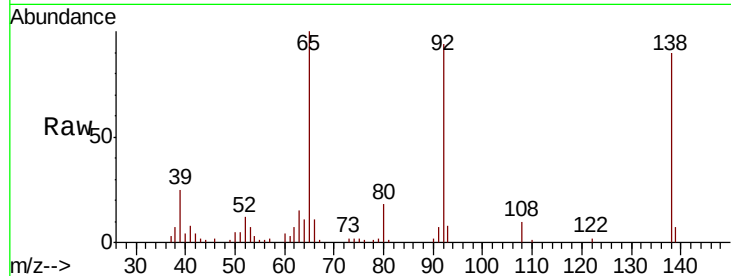




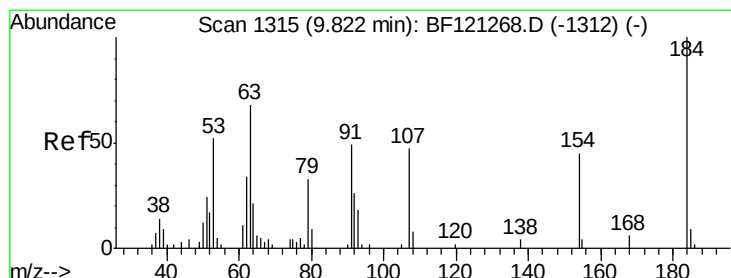
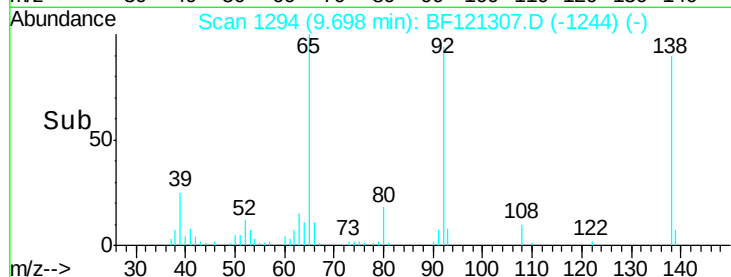
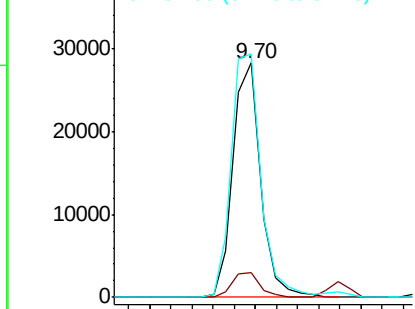
#53  
 3-Nitroaniline  
 Concen: 19.657 ng  
 RT: 9.70 min Scan# 1294  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

Tot Ion:138 Resp: 25642  
 Ion Ratio Lower Upper  
 138 100  
 108 10.6 7.6 11.4  
 92 104.0 82.6 123.8

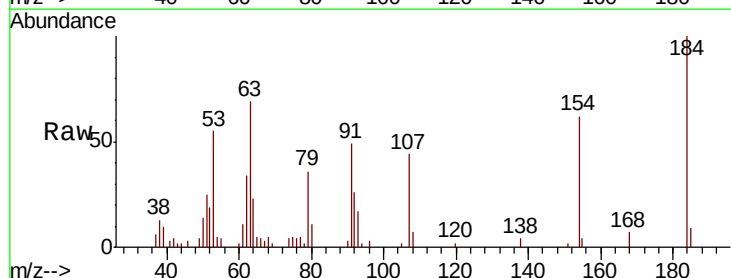


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BF1

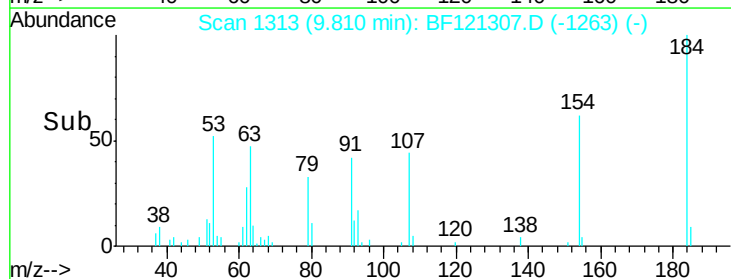
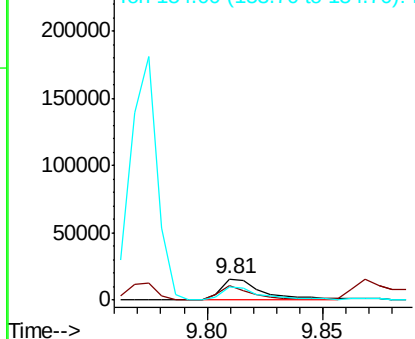


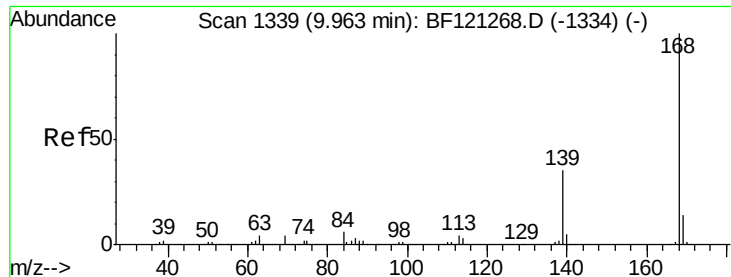
#54  
 2,4-Dinitrophenol  
 Concen: 43.153 ng  
 RT: 9.81 min Scan# 1313  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion:184 Resp: 19374  
 Ion Ratio Lower Upper  
 184 100  
 63 68.5 45.3 67.9#  
 154 62.4 46.4 69.6



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

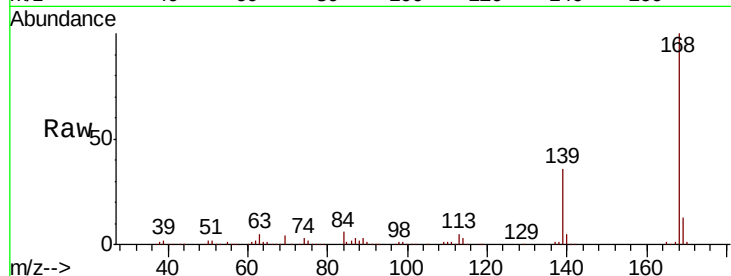




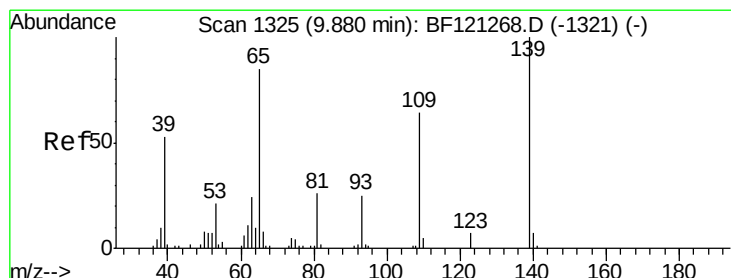
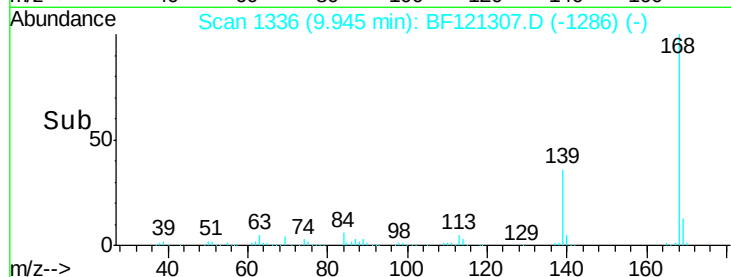
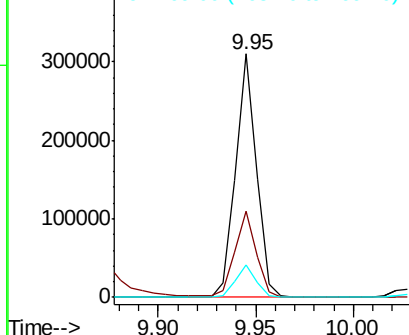
#55  
Dibenzofuran  
Concen: 33.797 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MSD

Tot Ion:168 Resp: 229287  
Ion Ratio Lower Upper  
168 100  
139 35.7 27.9 41.9  
169 13.4 10.5 15.7

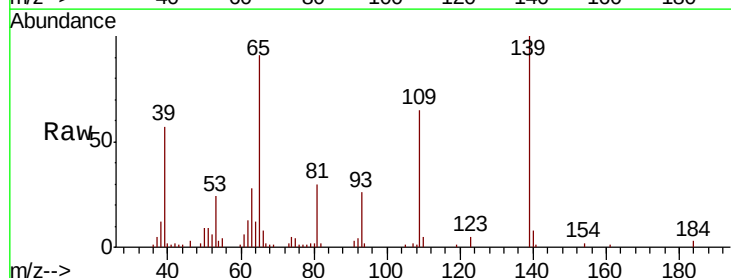


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

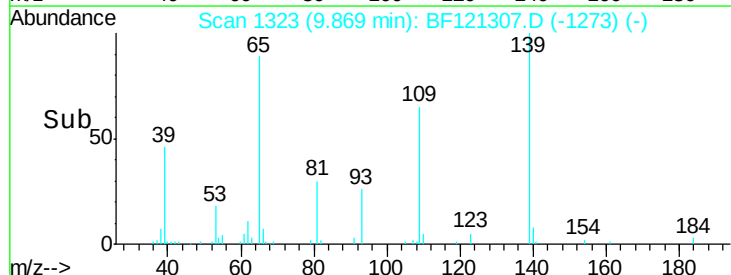
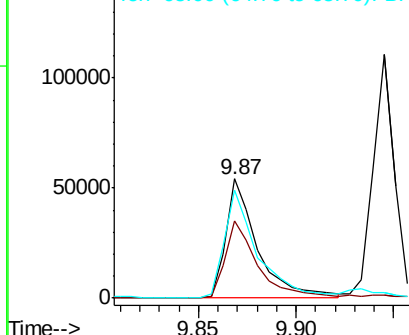


#56  
4-Nitrophenol  
Concen: 72.136 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

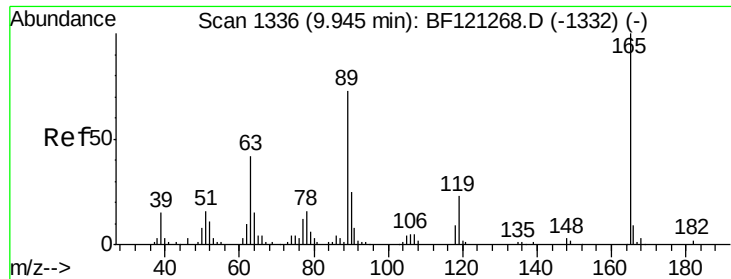
Tgt Ion:139 Resp: 60727  
Ion Ratio Lower Upper  
139 100  
109 64.9 44.3 84.3  
65 91.1 62.4 102.4



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



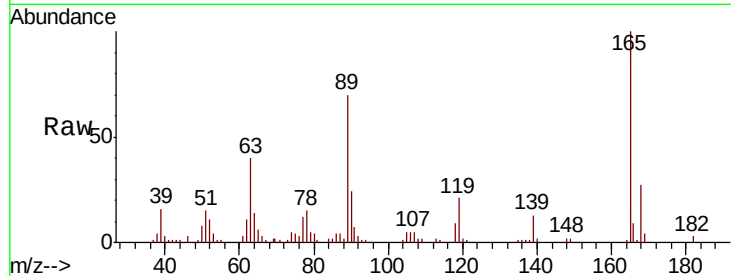




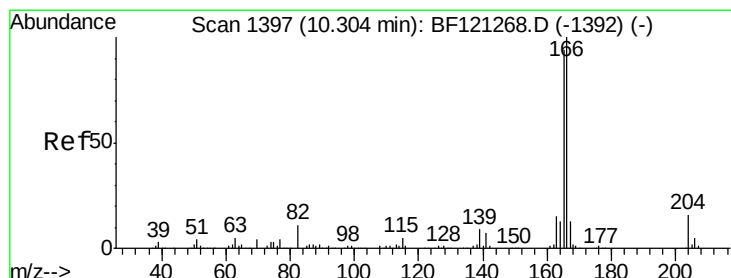
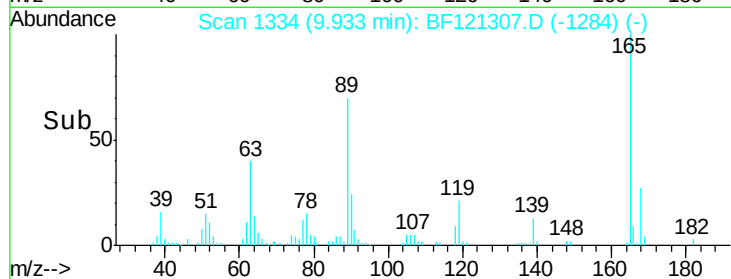
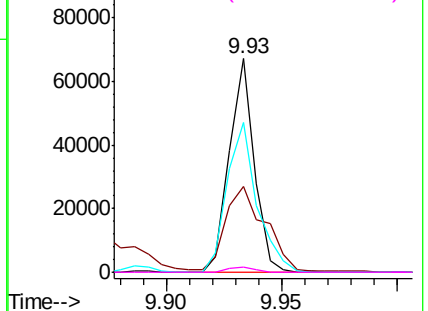
#57  
2,4-Dinitrotoluene  
Concen: 33.729 ng  
RT: 9.93 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MSD

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 50571     |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 40.4  | 31.7 47.5 |
| 89          | 70.1  | 52.8 79.2 |
| 182         | 2.5   | 2.1 3.1   |

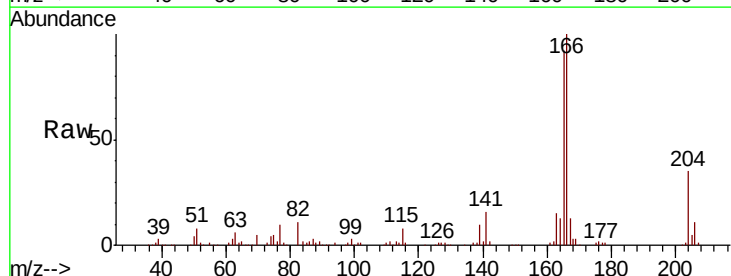


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

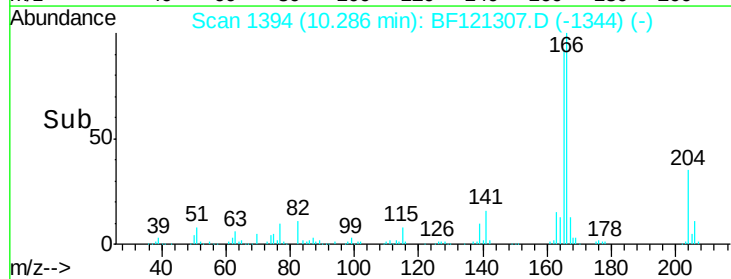
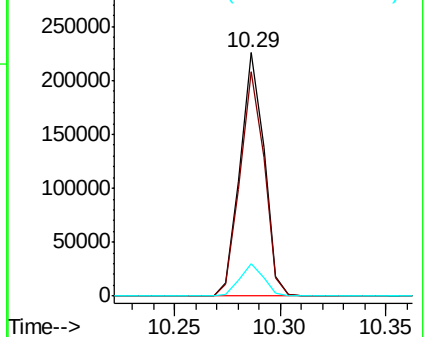


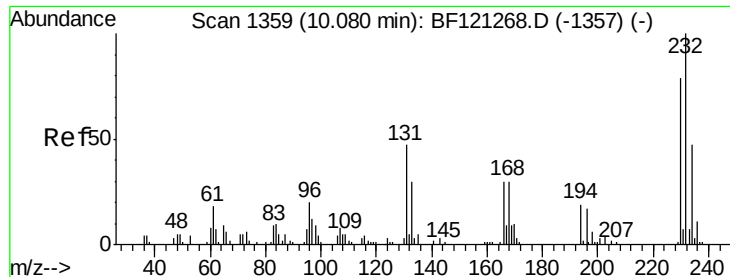
#58  
Fluorene  
Concen: 34.605 ng  
RT: 10.29 min Scan# 1394  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 177714     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 92.3  | 74.5 111.7 |
| 167         | 13.2  | 10.7 16.1  |



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.945 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

Tot Ion:232 Resp: 44804

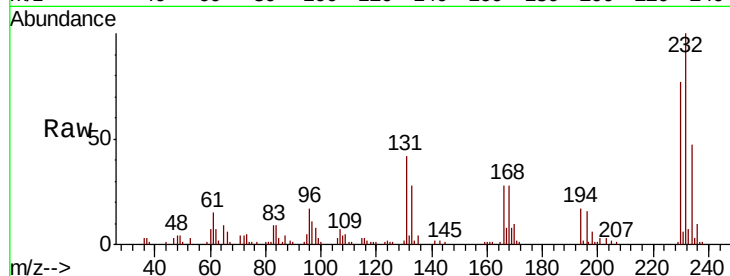
Ion Ratio Lower Upper

232 100

131 44.2 33.6 50.4

130 1.8 1.4 2.2

166 29.3 22.9 34.3

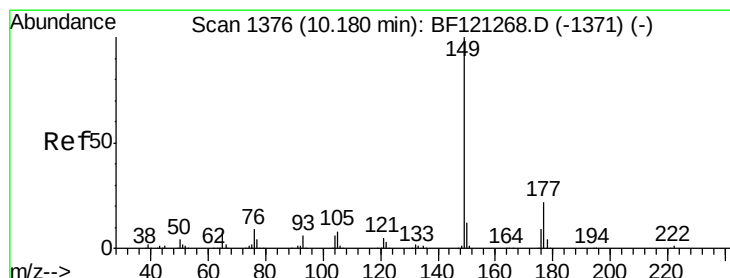
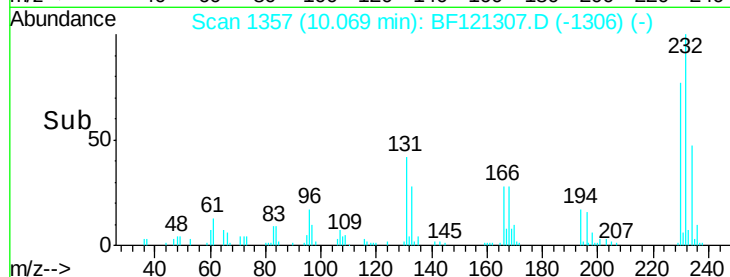
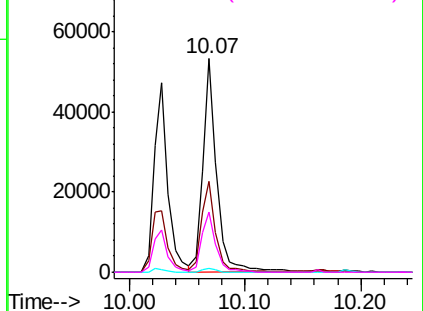


Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.429 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

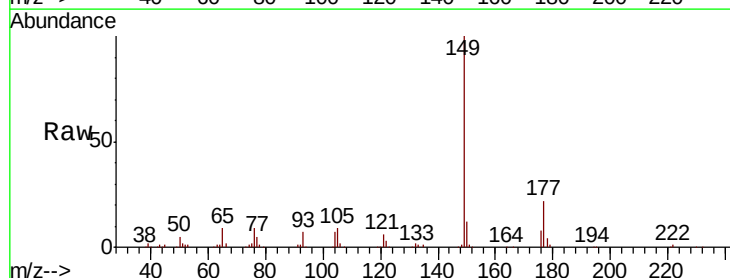
Tgt Ion:149 Resp: 179439

Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

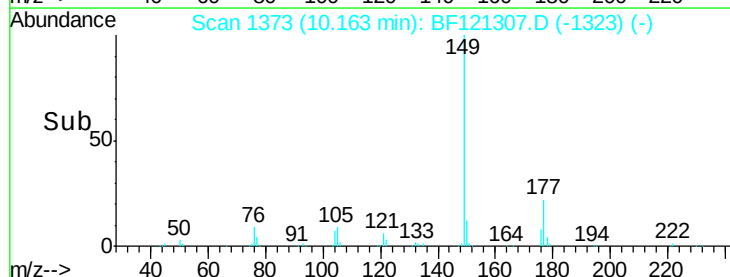
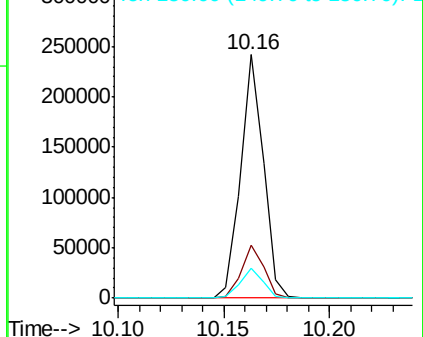
150 12.1 10.1 15.1

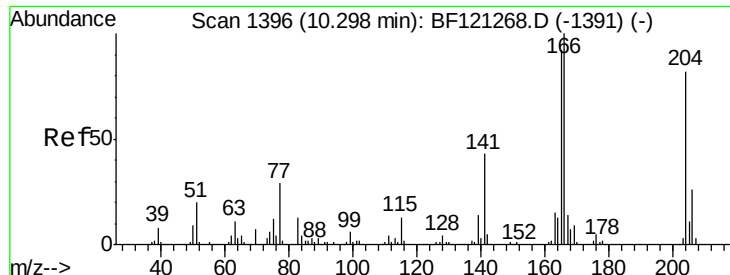


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

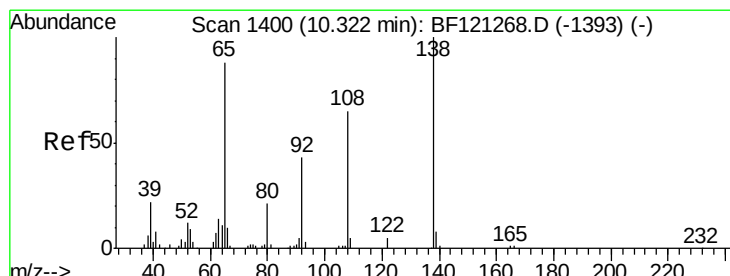
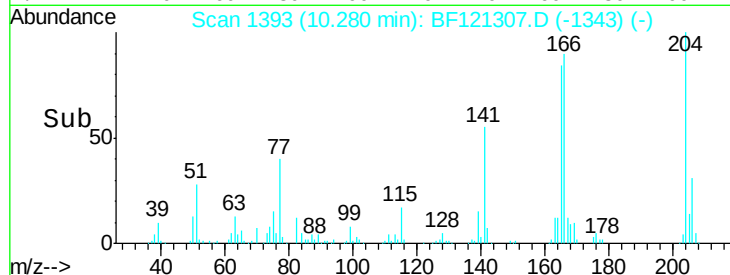
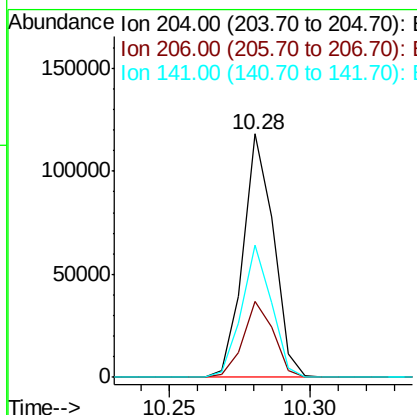
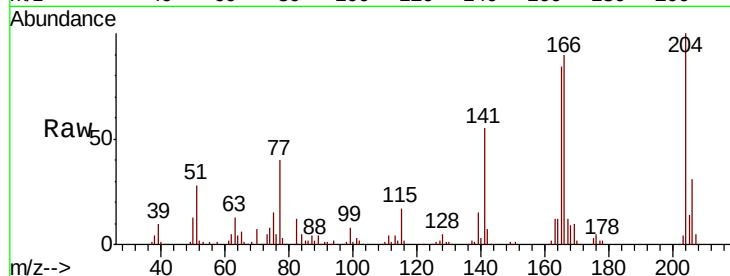




#61  
 4-Chlorophenyl-phenylether  
 Concen: 35.445 ng  
 RT: 10.28 min Scan# 1393  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

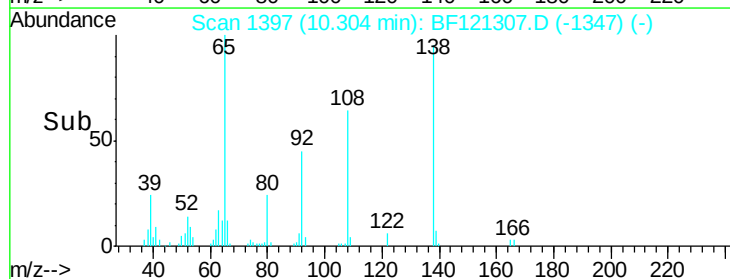
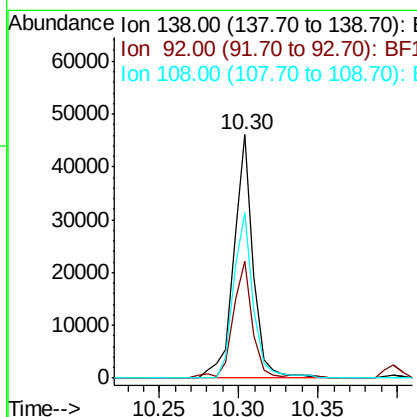
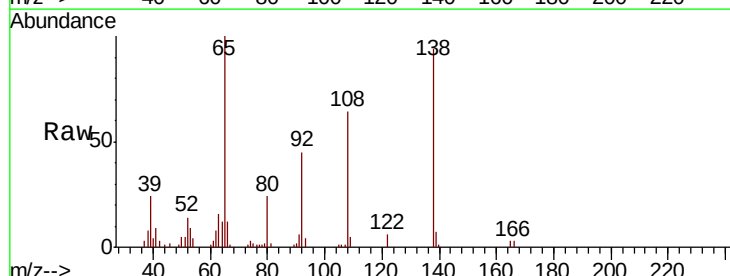
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

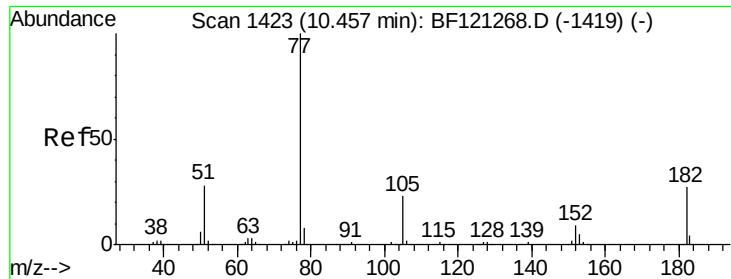
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 204   | Resp: | 88530 |
| Ion      | Ratio | Lower | Upper |
| 204      | 100   |       |       |
| 206      | 31.3  | 26.2  | 39.2  |
| 141      | 54.6  | 41.7  | 62.5  |



#62  
 4-Nitroaniline  
 Concen: 29.846 ng  
 RT: 10.30 min Scan# 1397  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 39035 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 47.8  | 28.2  | 68.2  |
| 108      | 67.8  | 50.0  | 90.0  |





#63

Azobenzene

Concen: 33.524 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

Tot Ion: 77 Resp: 174579

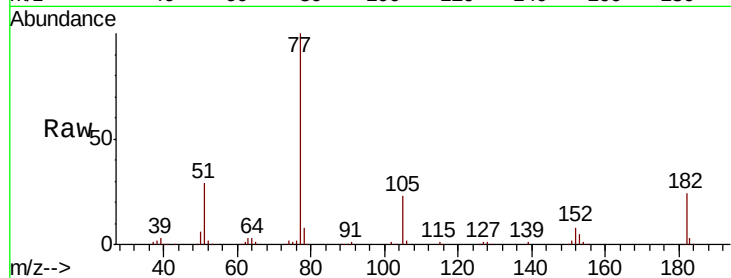
Ion Ratio Lower Upper

77 100

182 23.6 6.7 46.7

105 22.9 3.7 43.7

51 28.7 8.1 48.1

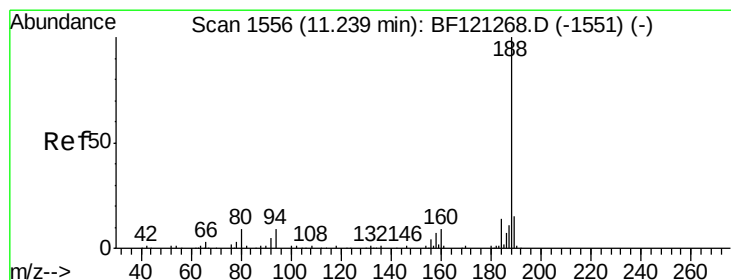
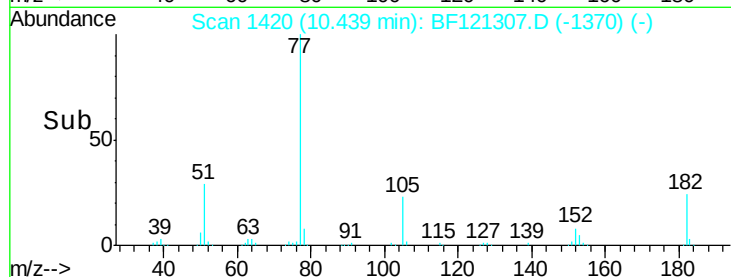
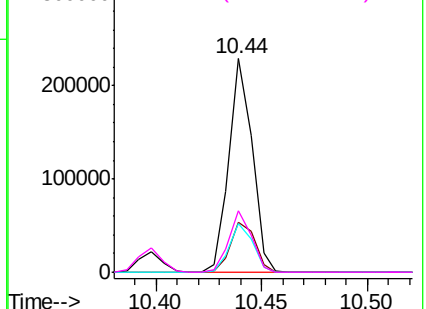


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

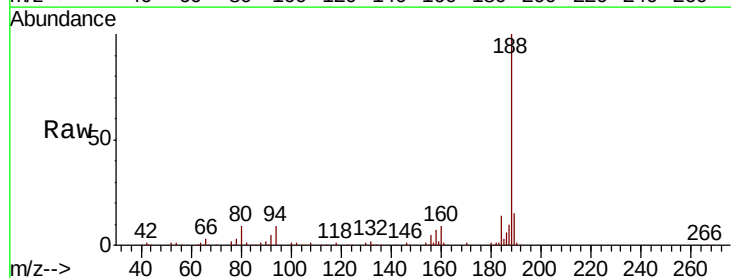
Tgt Ion: 188 Resp: 137765

Ion Ratio Lower Upper

188 100

94 9.2 6.4 9.6

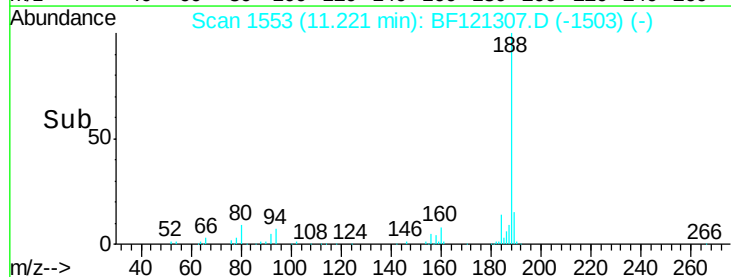
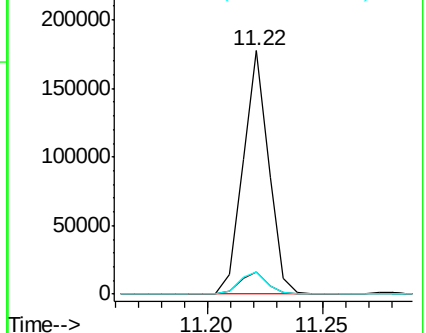
80 9.0 7.0 10.4

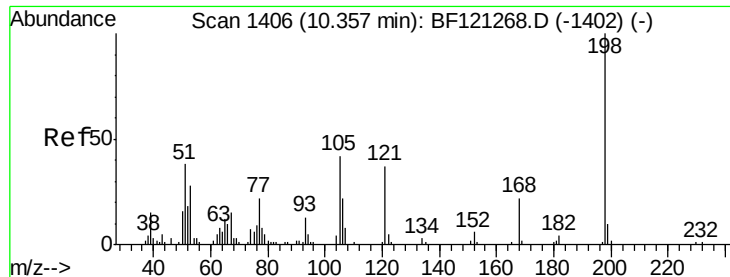


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

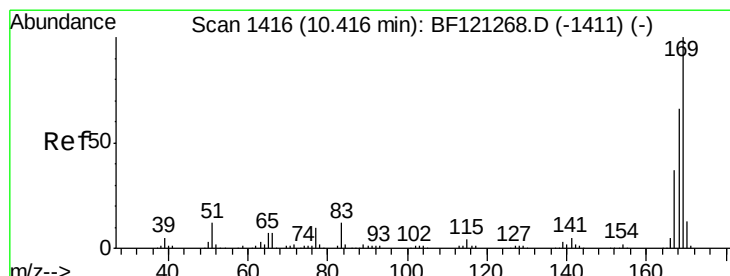
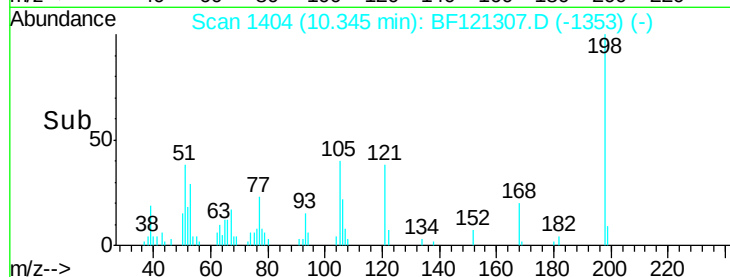
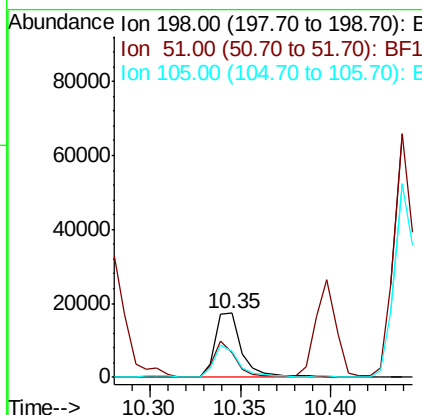
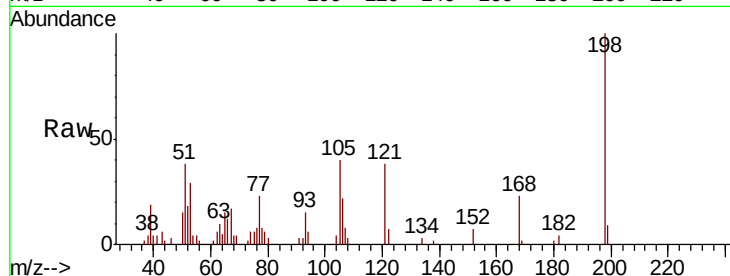




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 24.269 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. -0.00 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

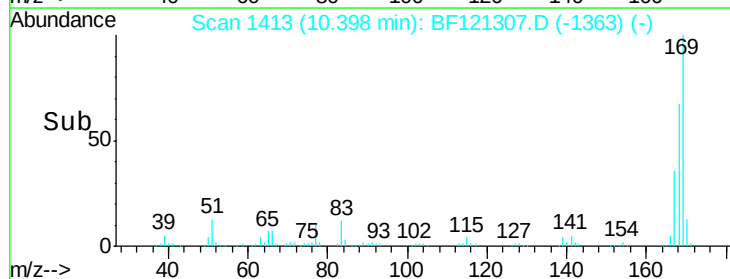
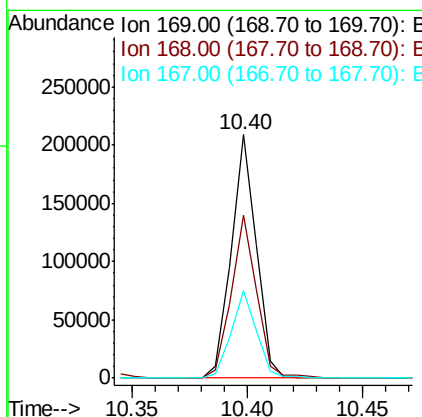
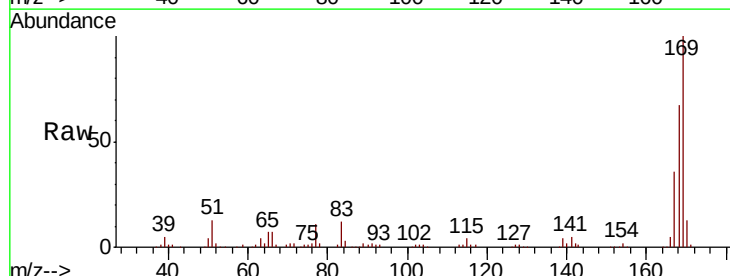
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

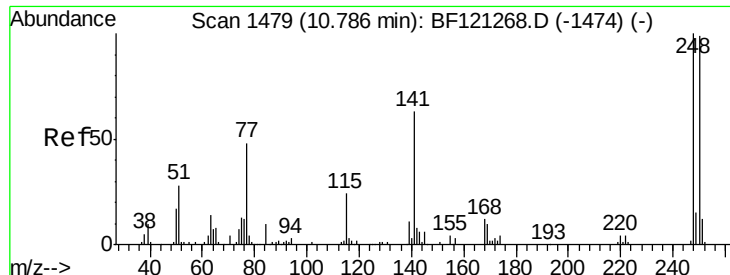
Tot Ion:198 Resp: 17857  
 Ion Ratio Lower Upper  
 198 100  
 51 37.7 29.1 69.1  
 105 39.8 28.5 68.5



#66  
 n-Nitrosodiphenylamine  
 Concen: 33.319 ng  
 RT: 10.40 min Scan# 1413  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion:169 Resp: 157394  
 Ion Ratio Lower Upper  
 169 100  
 168 66.7 53.4 80.0  
 167 35.8 29.3 43.9

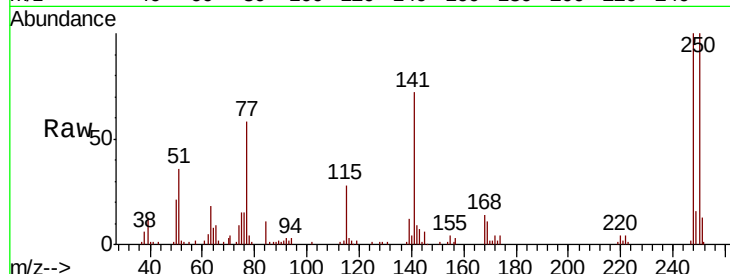




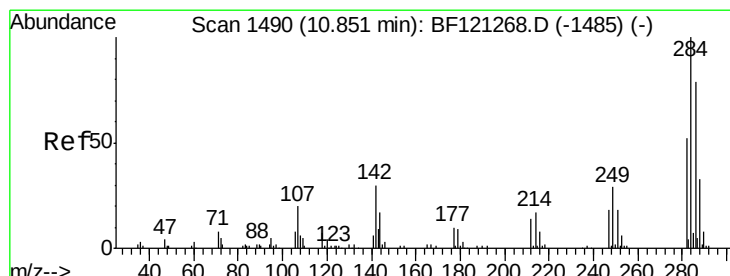
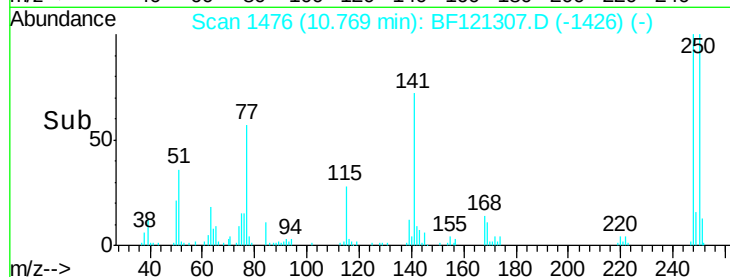
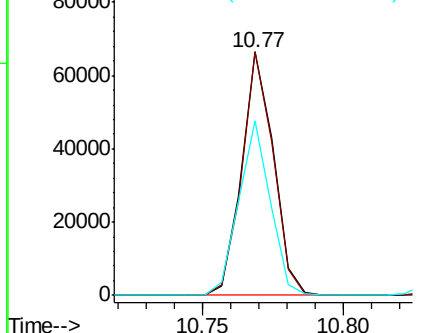
#67  
 4-Bromophenyl-phenylether  
 Concen: 32.351 ng  
 RT: 10.77 min Scan# 1476  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

Tot Ion:248 Resp: 51987  
 Ion Ratio Lower Upper  
 248 100  
 250 100.0 77.4 116.0  
 141 71.8 48.9 73.3

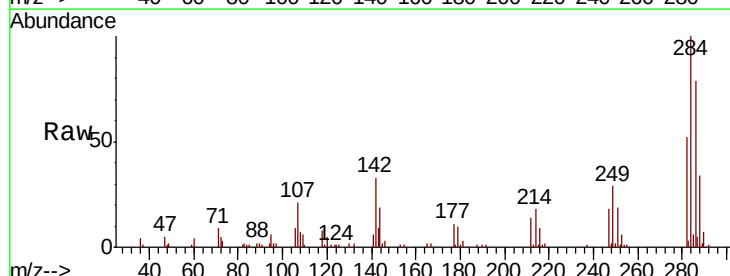


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

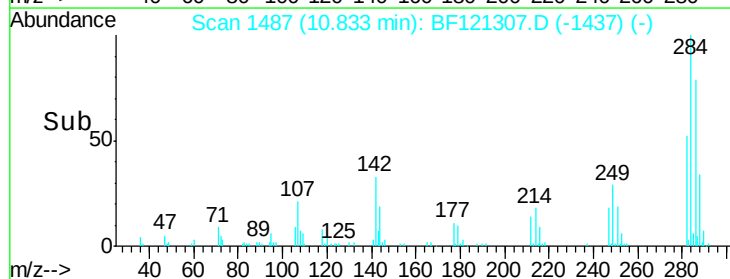
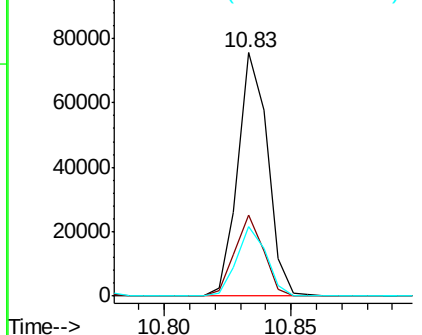


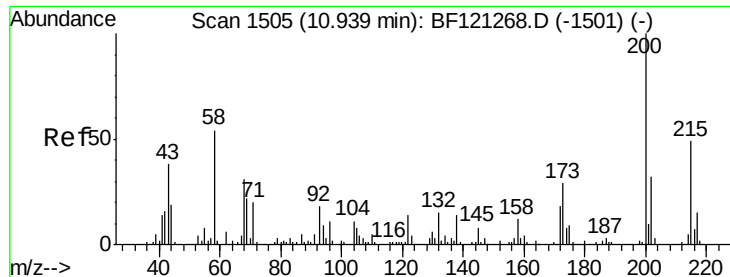
#68  
 Hexachlorobenzene  
 Concen: 33.595 ng  
 RT: 10.83 min Scan# 1487  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion:284 Resp: 61562  
 Ion Ratio Lower Upper  
 284 100  
 142 33.3 24.6 36.8  
 249 28.6 23.2 34.8



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

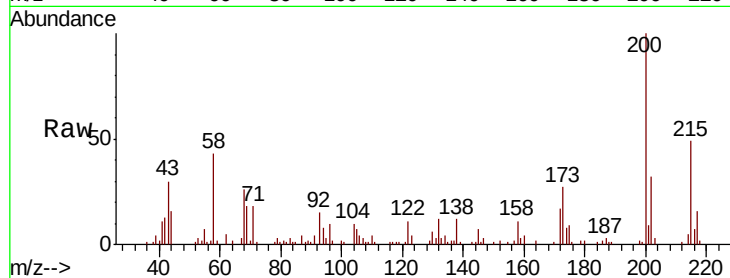




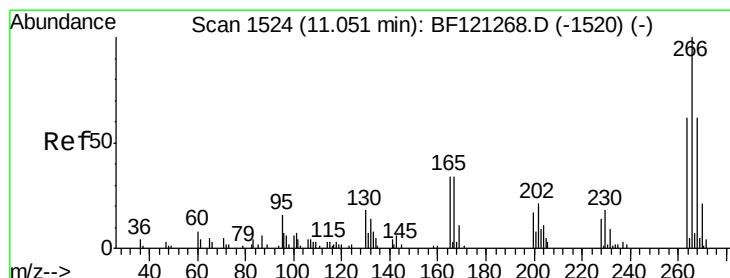
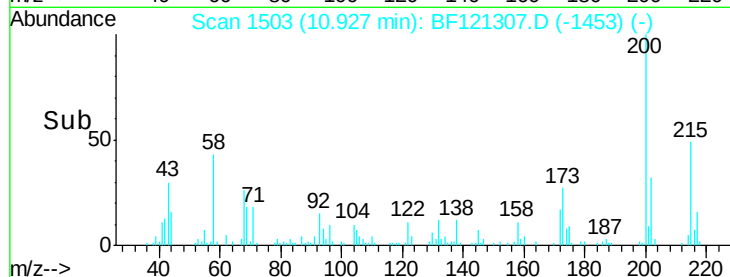
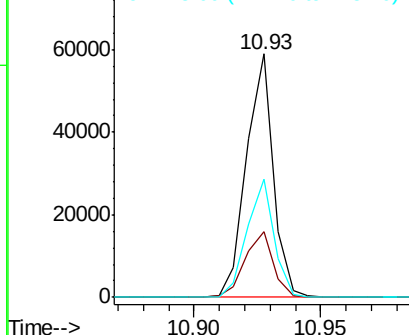
#69  
 Atrazine  
 Concen: 30.771 ng  
 RT: 10.93 min Scan# 1503  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 7.4   | 47.4  |
| 215     | 48.7  | 29.1  | 69.1  |

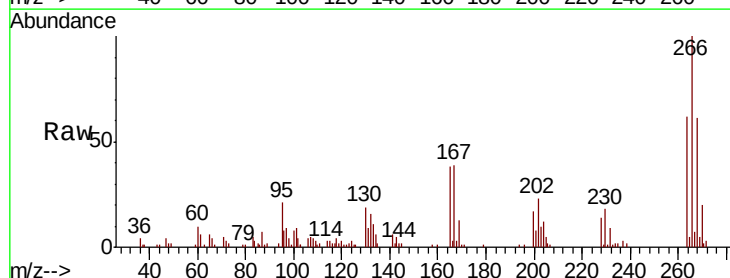


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

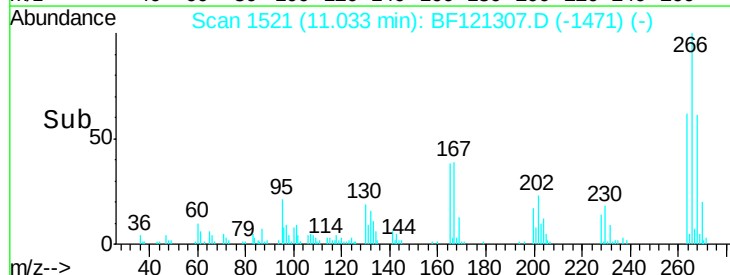
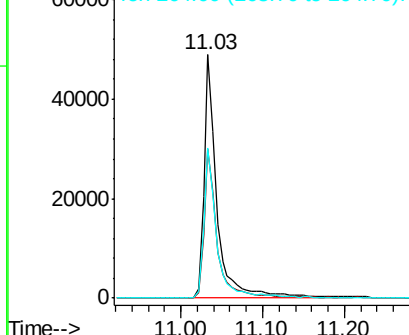


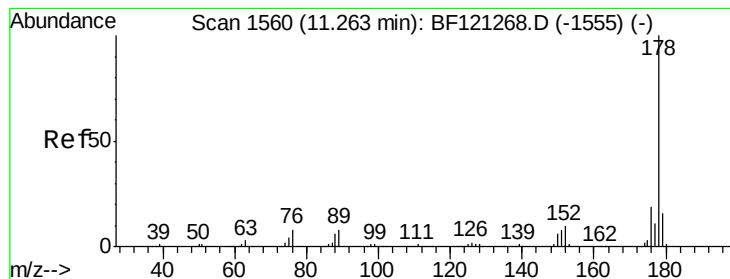
#70  
 Pentachlorophenol  
 Concen: 67.941 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.2  | 53.3  | 79.9  |
| 264     | 61.7  | 49.4  | 74.0  |



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 33.789 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

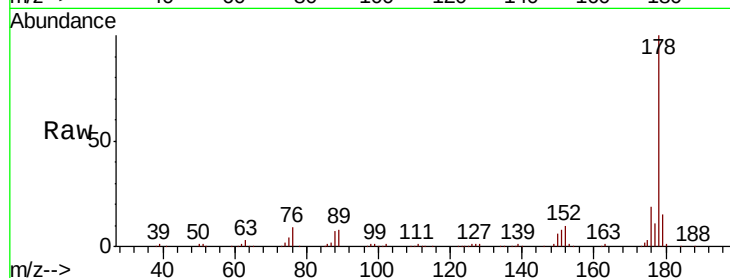
Tot Ion:178 Resp: 266303

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

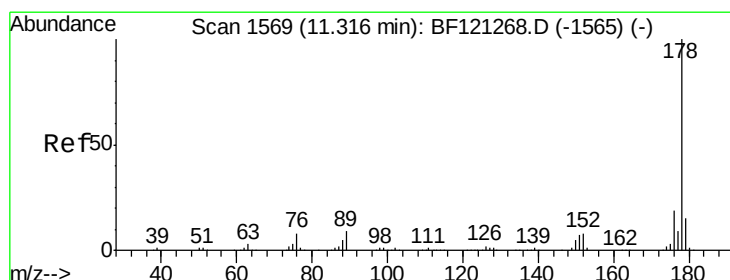
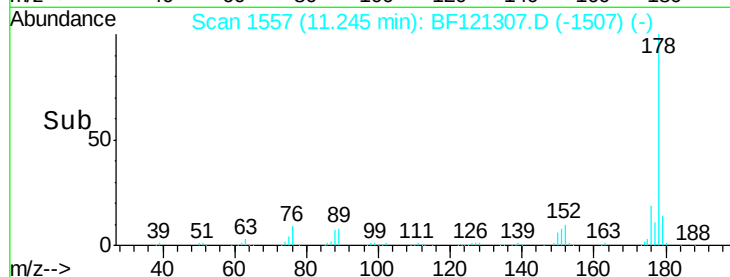
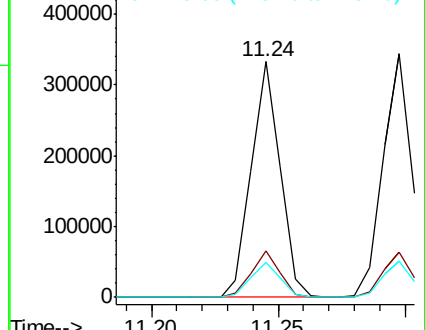
179 14.9 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.593 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

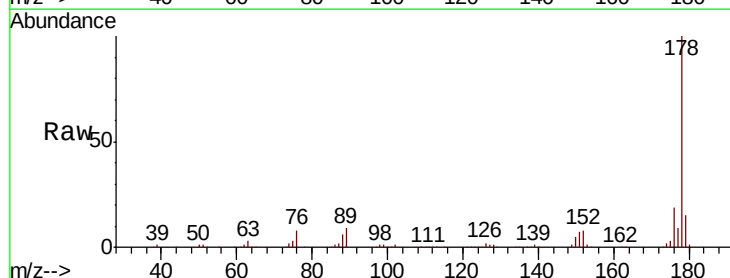
Tgt Ion:178 Resp: 273600

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

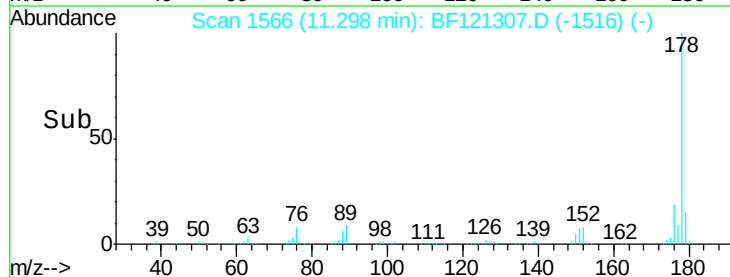
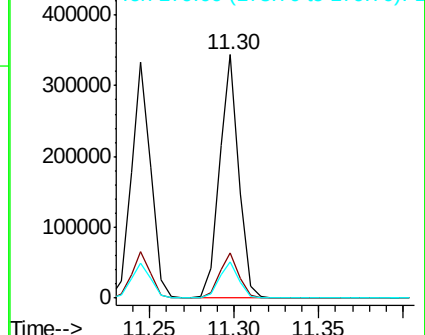
179 15.1 12.2 18.4



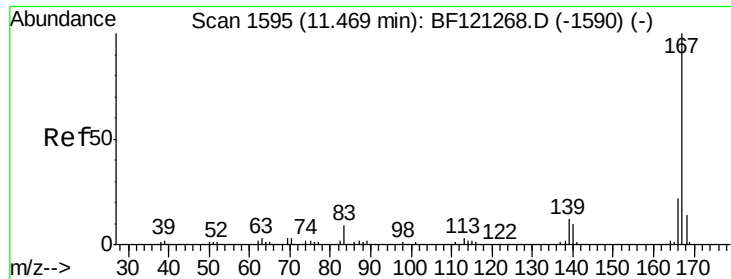
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



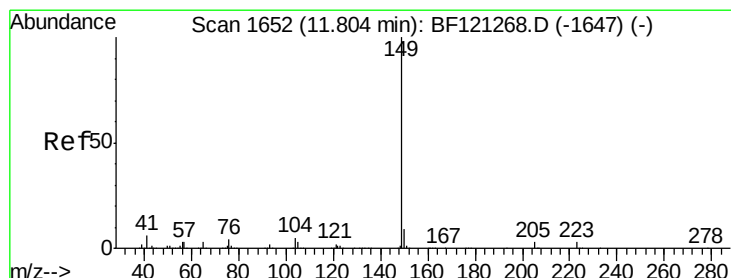
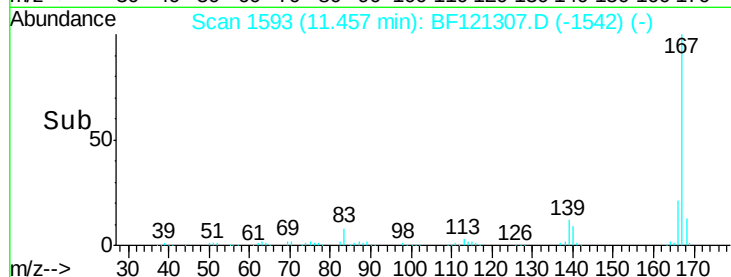
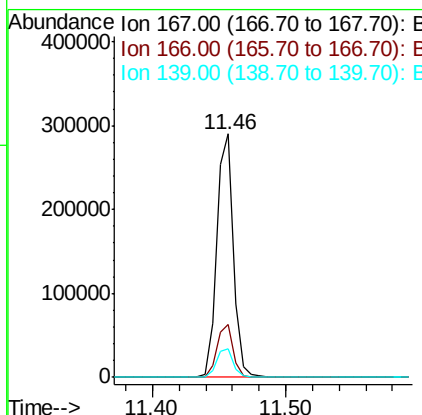
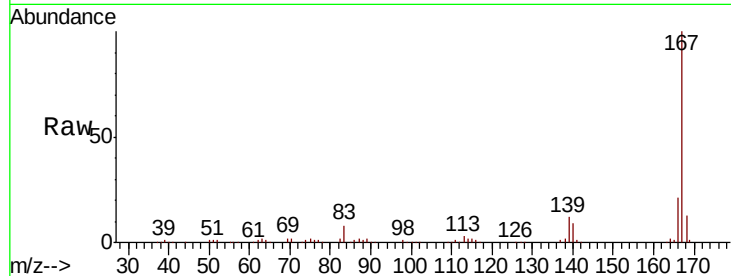




#73  
 Carbazole  
 Concen: 33.016 ng  
 RT: 11.46 min Scan# 1593  
 Delta R.T. -0.00 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

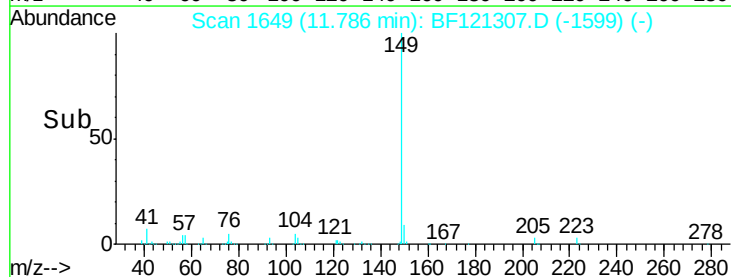
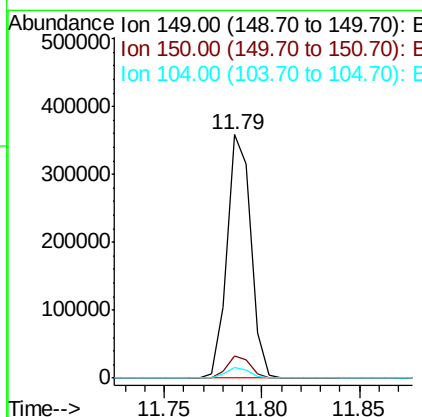
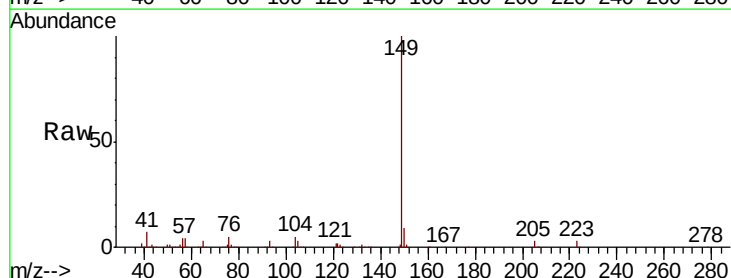
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

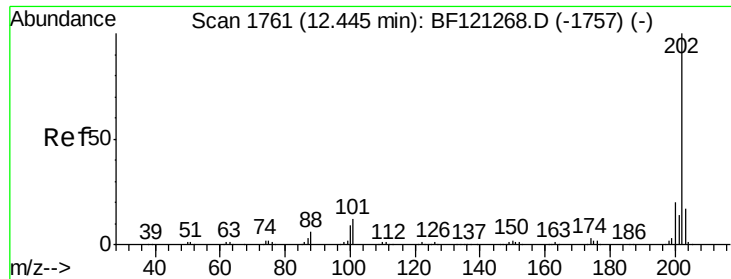
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.4  | 26.2  |
| 139     | 11.8  | 10.2  | 15.4  |



#74  
 Di-n-butylphthalate  
 Concen: 34.578 ng  
 RT: 11.79 min Scan# 1649  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.4   | 11.0  |
| 104     | 4.6   | 3.6   | 5.4   |

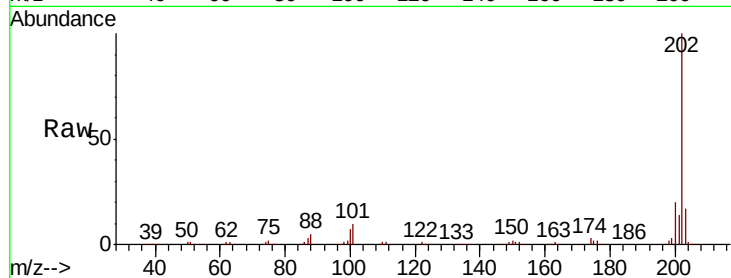




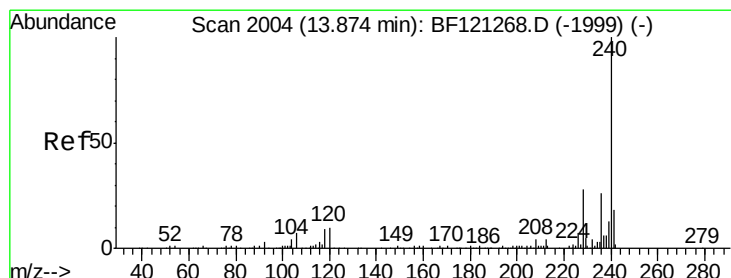
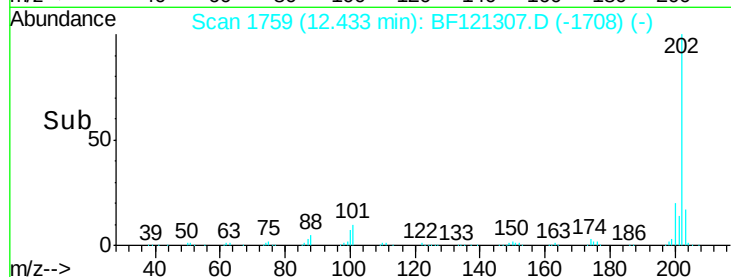
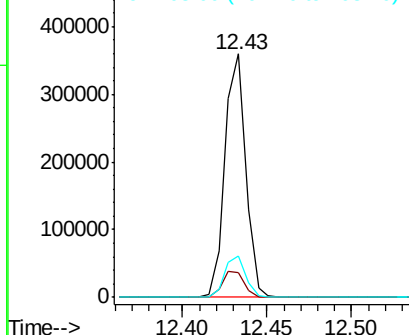
#75  
Fluoranthene  
Concen: 35.190 ng  
RT: 12.43 min Scan# 1759  
Delta R.T. -0.00 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.3  | 0.0   | 32.2  |
| 203     | 16.9  | 0.0   | 38.2  |

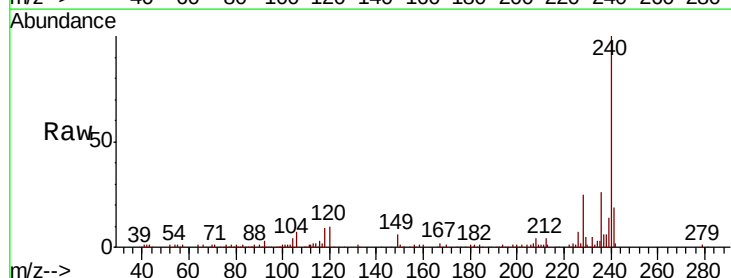


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

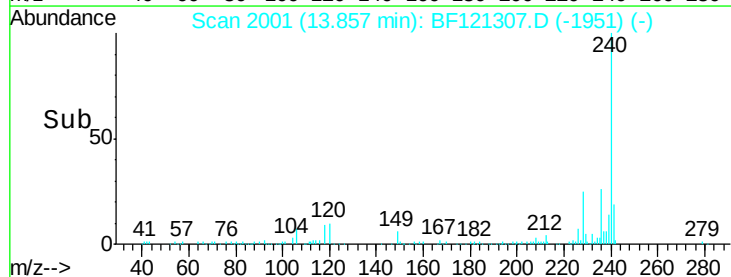
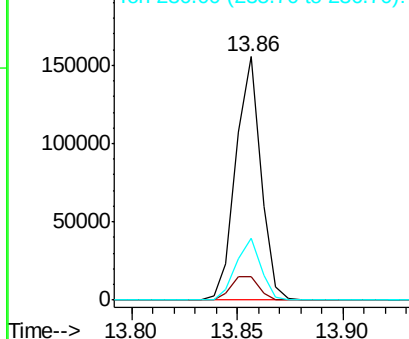


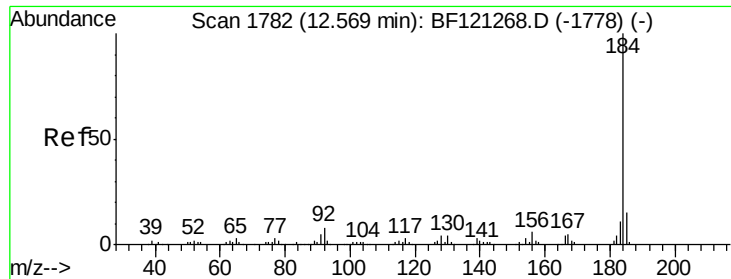
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.86 min Scan# 2001  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.9   | 8.3   | 12.5  |
| 236     | 25.6  | 21.2  | 31.8  |



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





#77

Benzidine

Concen: 32.074 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

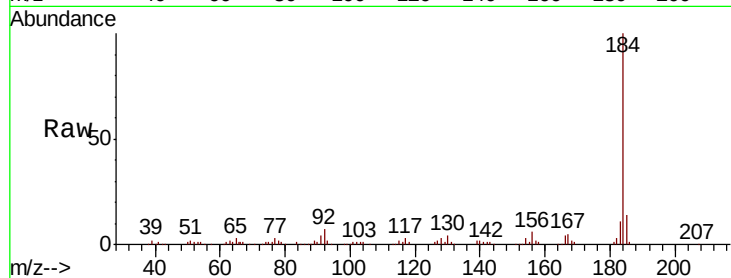
Tot Ion:184 Resp: 106923

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

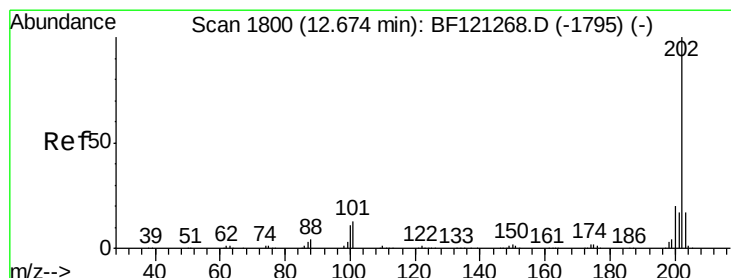
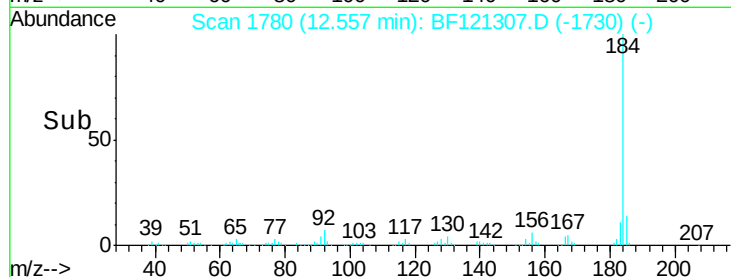
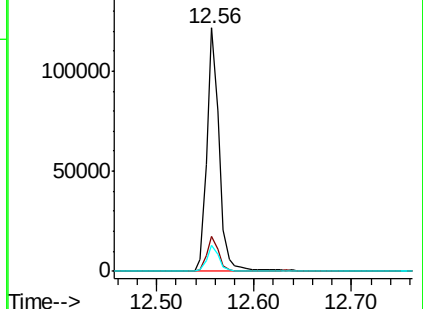
183 10.6 8.6 13.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.959 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

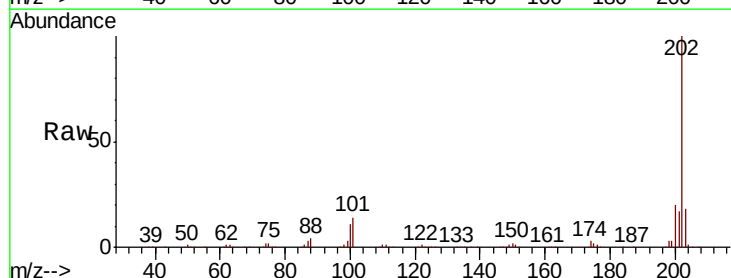
Tgt Ion:202 Resp: 320682

Ion Ratio Lower Upper

202 100

200 20.0 16.4 24.6

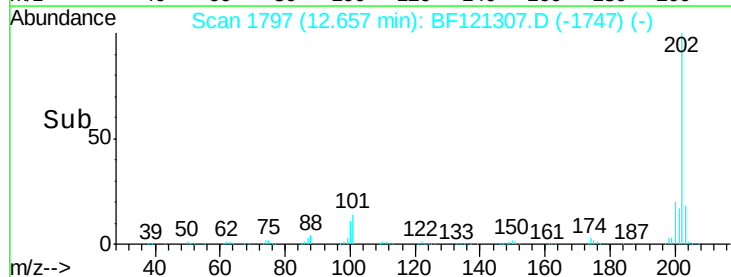
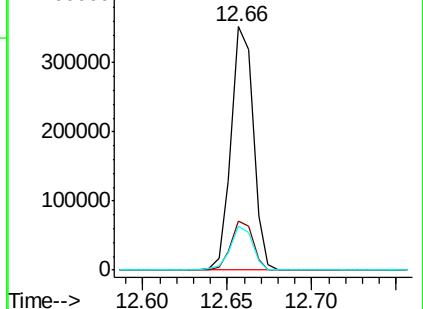
203 17.9 14.2 21.4

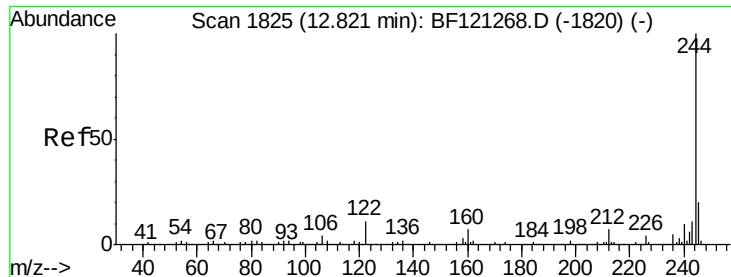


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

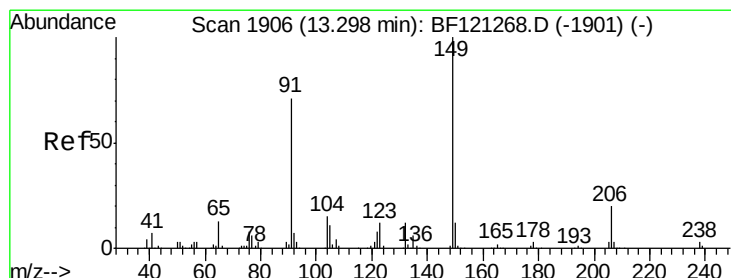
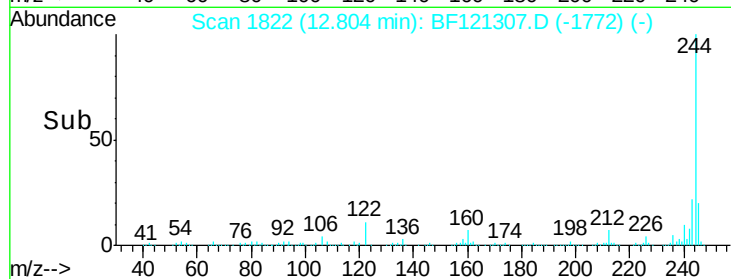
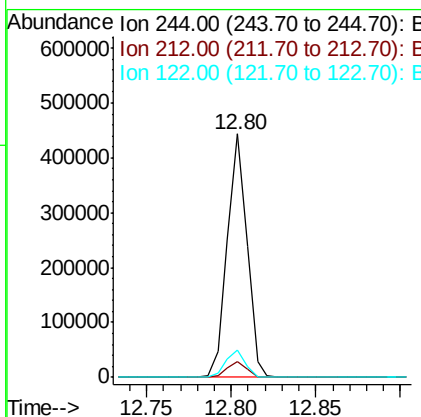
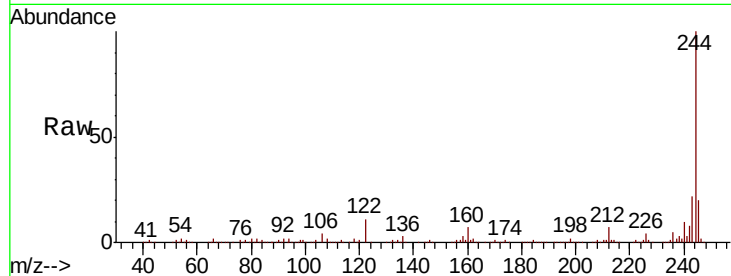




#79  
 Terphenyl-d14  
 Concen: 55.035 ng  
 RT: 12.80 min Scan# 1822  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

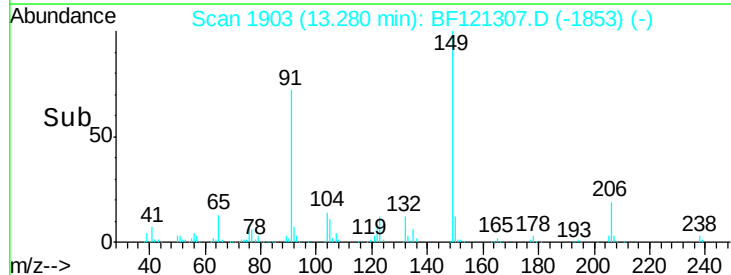
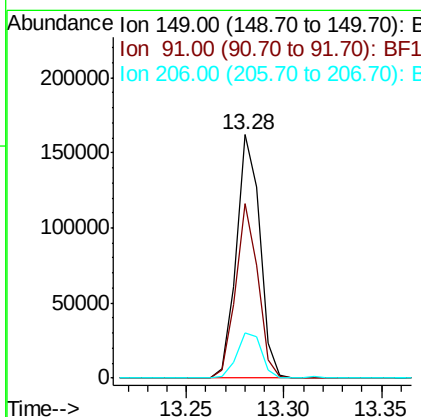
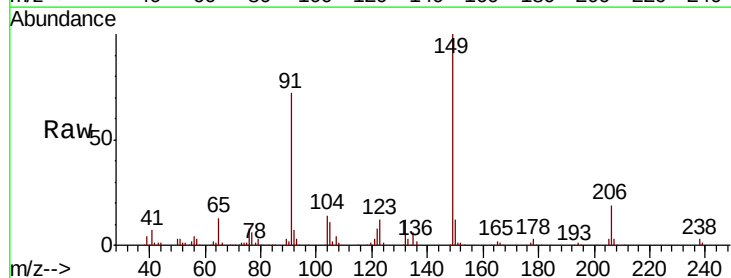
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

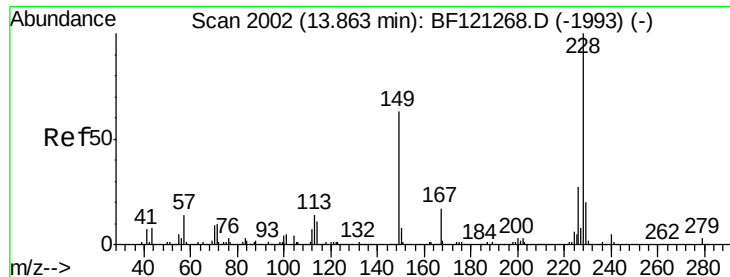
Tot Ion:244 Resp: 358018  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.0  
 122 11.4 9.0 13.6



#80  
 Butylbenzylphthalate  
 Concen: 34.942 ng  
 RT: 13.28 min Scan# 1903  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Tgt Ion:149 Resp: 134782  
 Ion Ratio Lower Upper  
 149 100  
 91 71.6 53.0 79.4  
 206 18.8 16.7 25.1





#81

Benzo(a)anthracene

Concen: 34.740 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

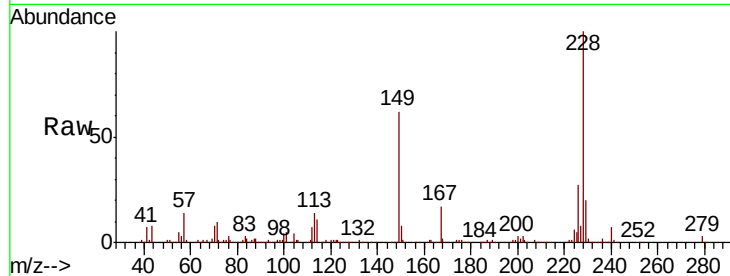
Tot Ion:228 Resp: 298798

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

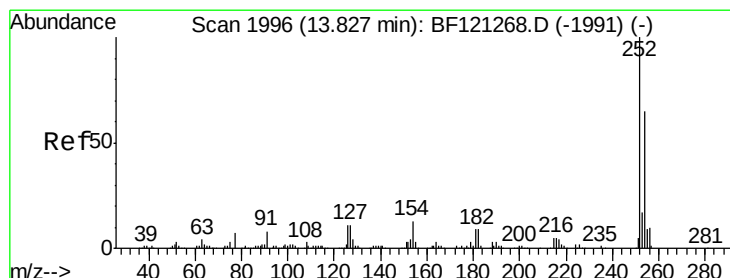
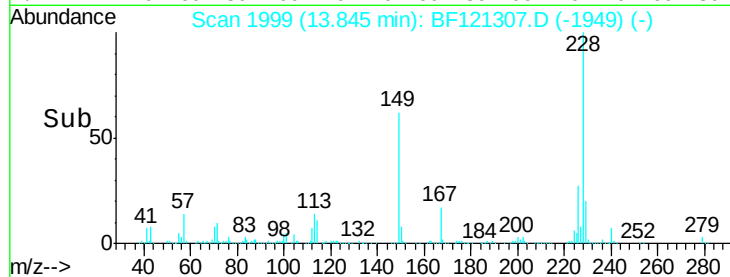
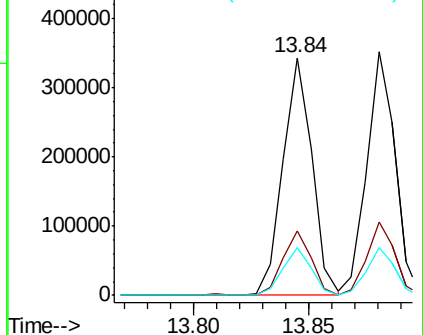
229 20.1 15.8 23.6



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: 24.224 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

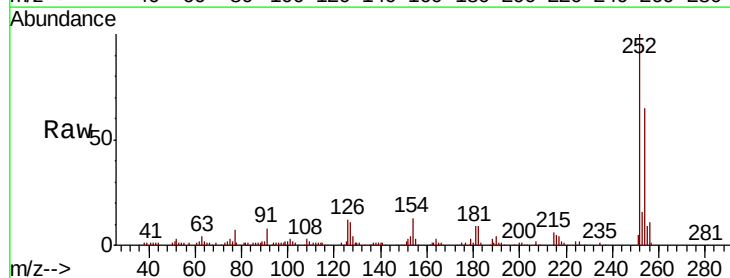
Tgt Ion:252 Resp: 82664

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

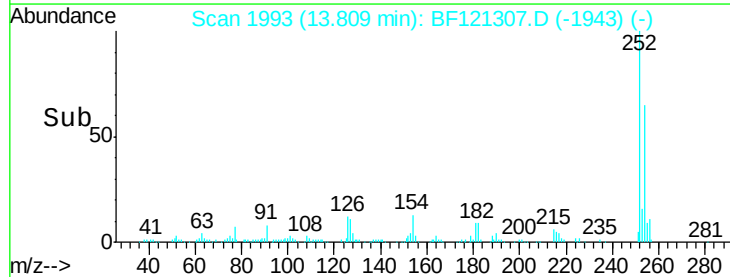
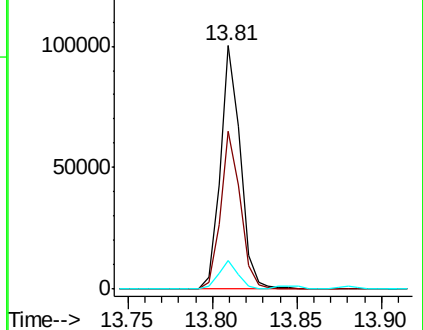
126 11.5 9.1 13.7

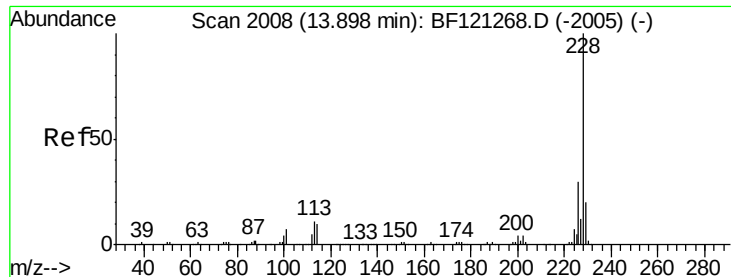


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.279 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

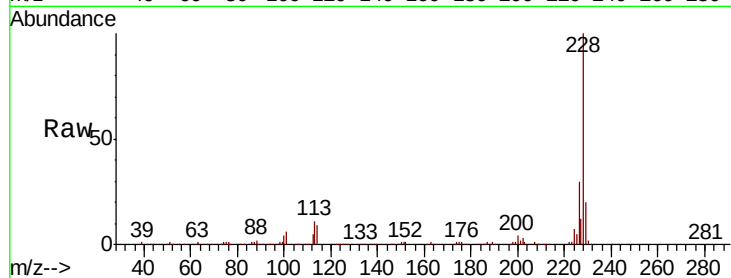
Tot Ion:228 Resp: 301021

Ion Ratio Lower Upper

228 100

226 30.0 25.3 37.9

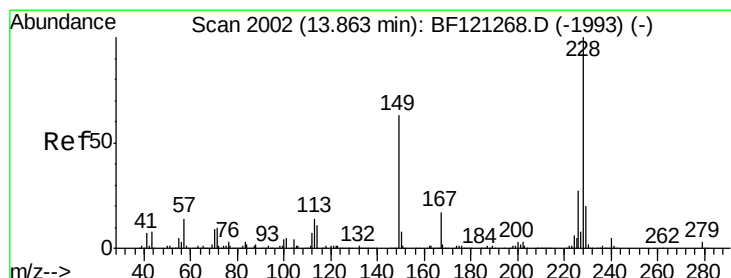
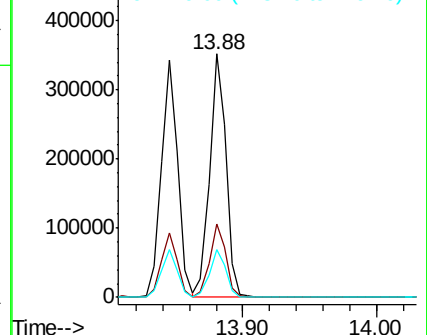
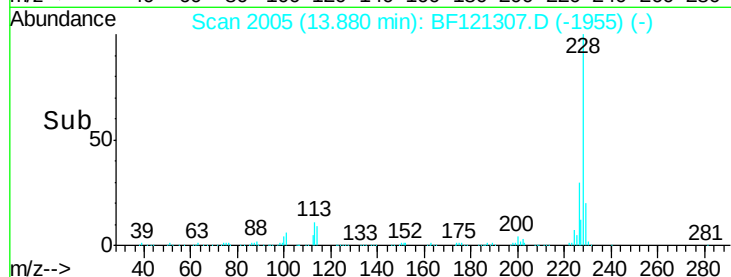
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.537 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

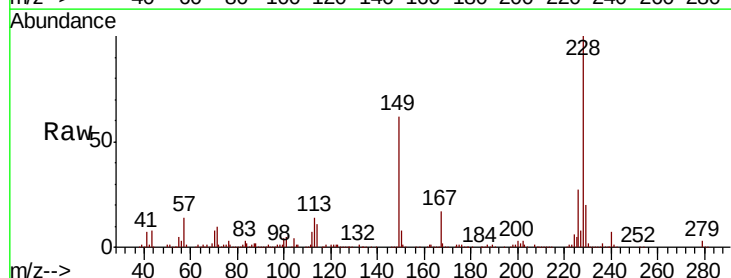
Tgt Ion:149 Resp: 188939

Ion Ratio Lower Upper

149 100

167 27.4 21.5 32.3

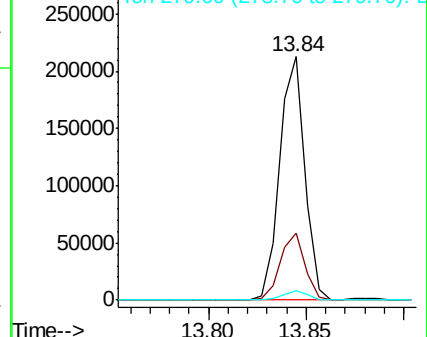
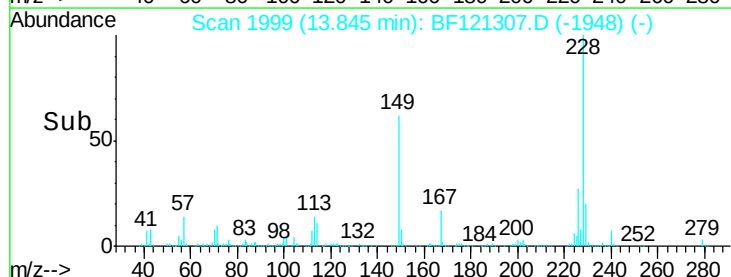
279 4.1 2.9 4.3

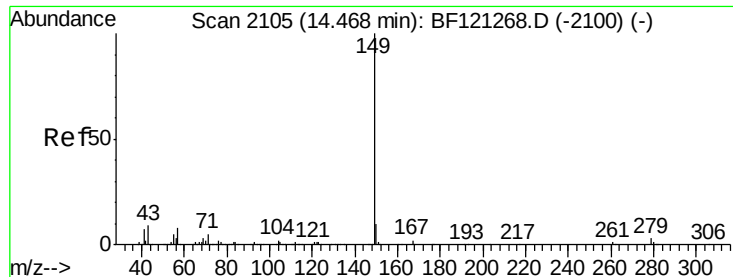


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.769 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

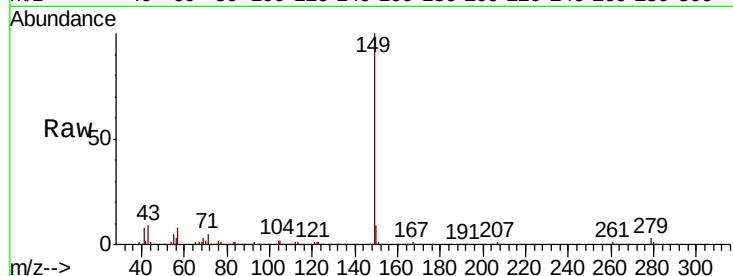
Tot Ion:149 Resp: 348675

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

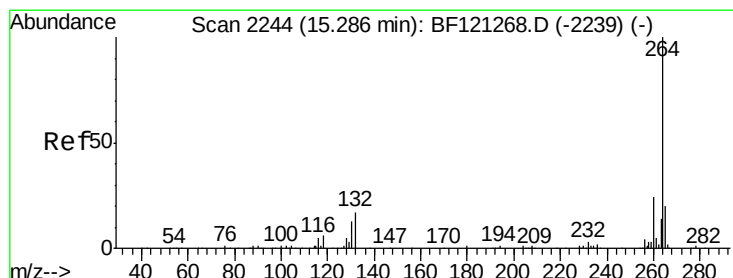
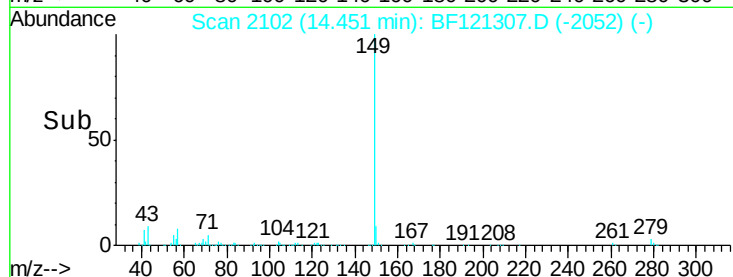
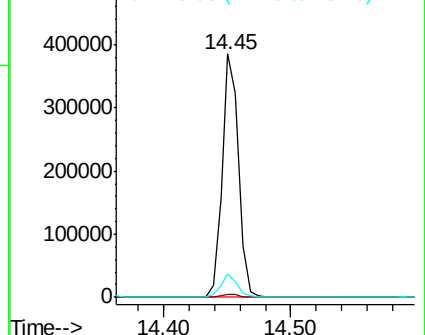
43 8.8 7.2 10.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

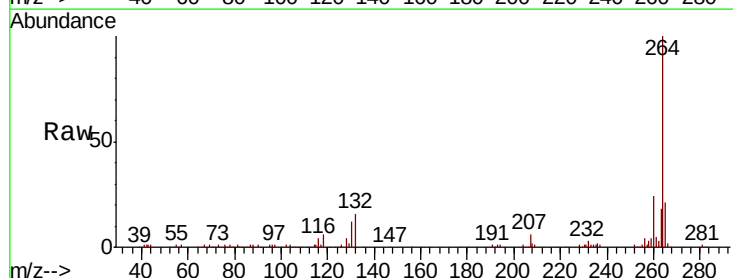
Tgt Ion:264 Resp: 128123

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

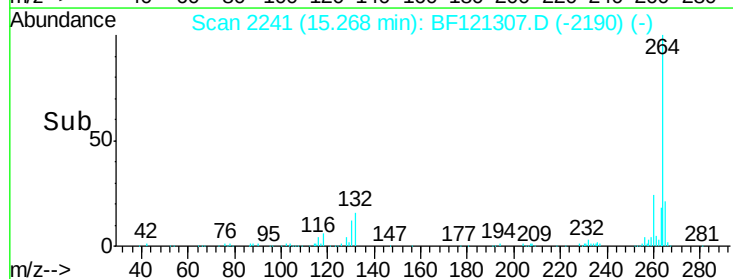
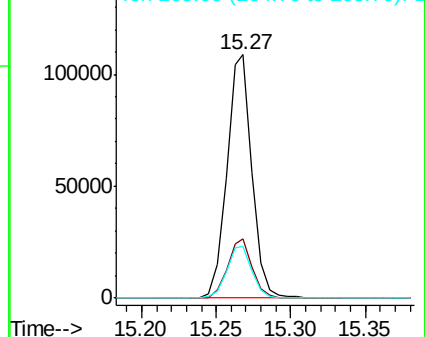
265 21.1 17.1 25.7

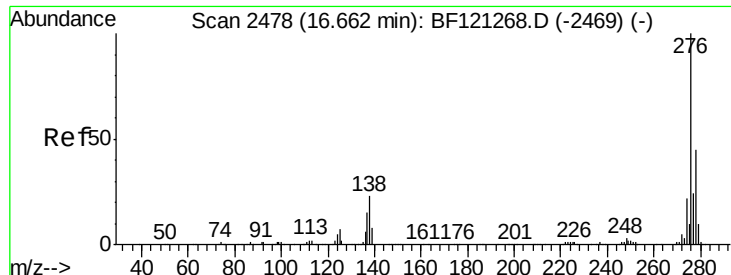


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

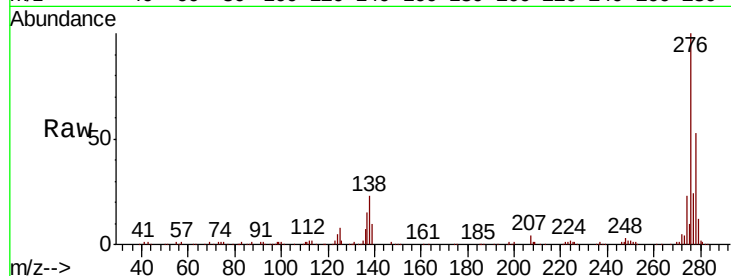




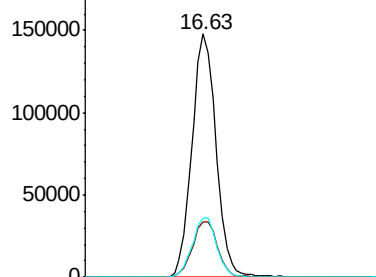
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.010 ng  
 RT: 16.63 min Scan# 2472  
 Delta R.T. -0.02 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP1-3MSD

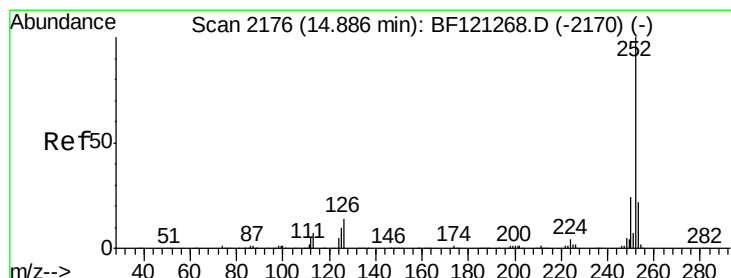
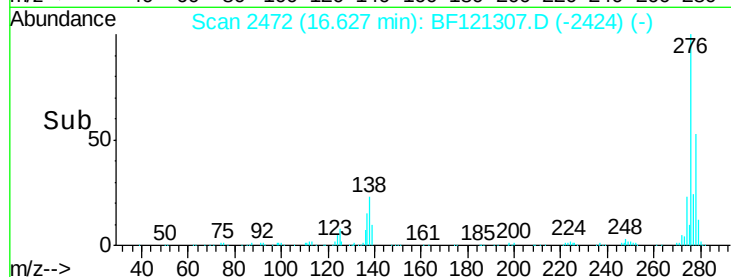
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.2  | 19.6  | 29.4  |
| 277     | 24.9  | 20.4  | 30.6  |



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

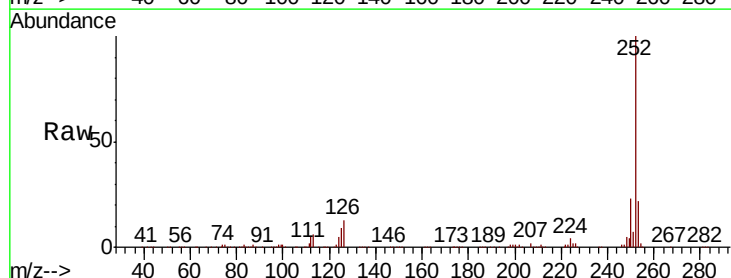


Time-->

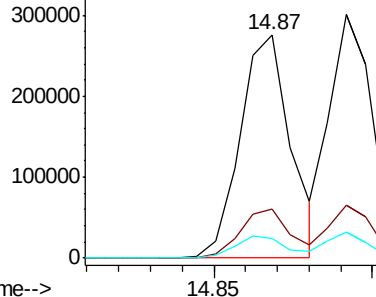


#88  
 Benzo(b)fluoranthene  
 Concen: 35.671 ng  
 RT: 14.87 min Scan# 2173  
 Delta R.T. -0.01 min  
 Lab File: BF121307.D  
 Acq: 17 Aug 2020 13:43

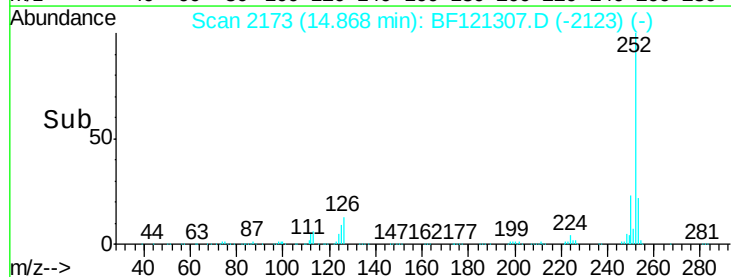
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.6  | 26.4  |
| 125     | 8.9   | 7.5   | 11.3  |



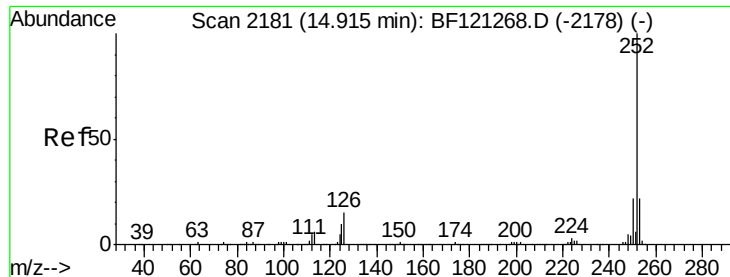
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 253.00 (252.70 to 253.70): E  
 Ion 125.00 (124.70 to 125.70): E



Time-->



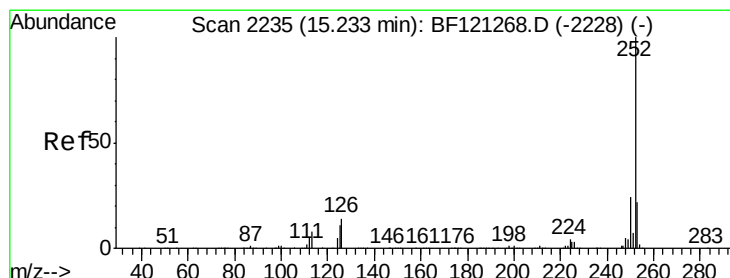
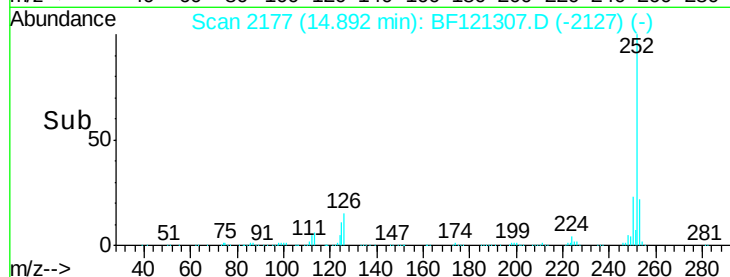
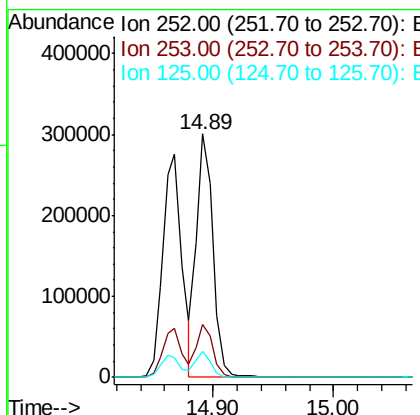
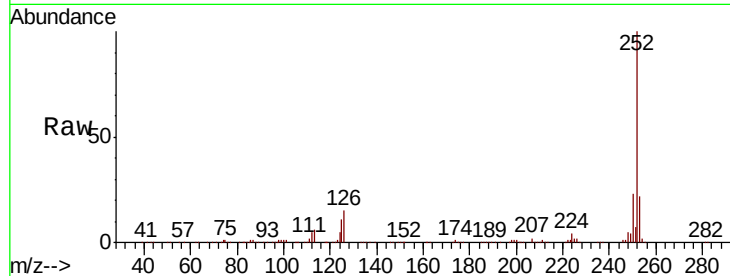




#89  
Benzo(k)fluoranthene  
Concen: 35.919 ng  
RT: 14.89 min Scan# 2177  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

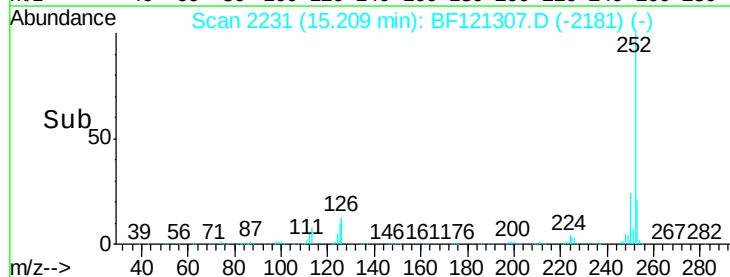
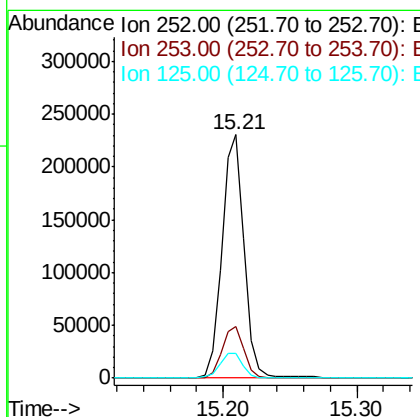
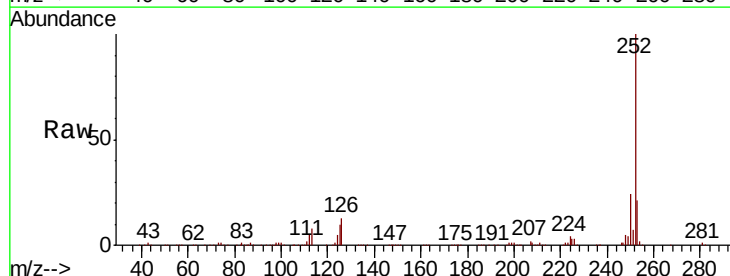
Instrument :  
BNA\_F  
ClientSampleId :  
SP1-3MSD

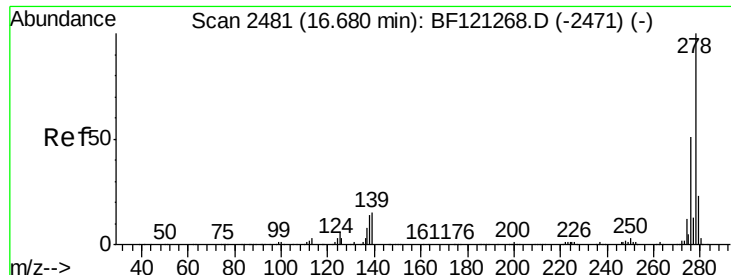
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.8  | 26.8  |
| 125     | 10.7  | 8.2   | 12.4  |



#90  
Benzo(a)pyrene  
Concen: 34.588 ng  
RT: 15.21 min Scan# 2231  
Delta R.T. -0.01 min  
Lab File: BF121307.D  
Acq: 17 Aug 2020 13:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.4  | 26.2  |
| 125     | 9.9   | 8.7   | 13.1  |





#91

Dibenzo(a,h)anthracene

Concen: 32.096 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

Instrument :

BNA\_F

ClientSampleId :

SP1-3MSD

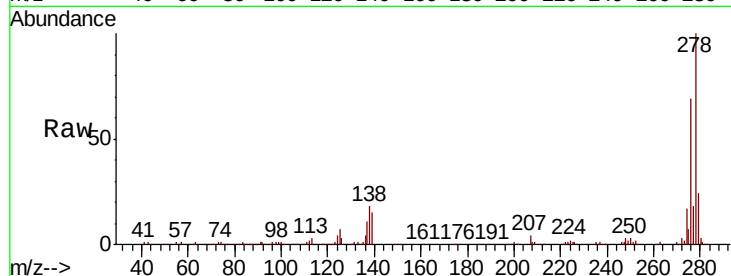
Tot Ion:278 Resp: 261973

Ion Ratio Lower Upper

278 100

139 15.2 13.1 19.7

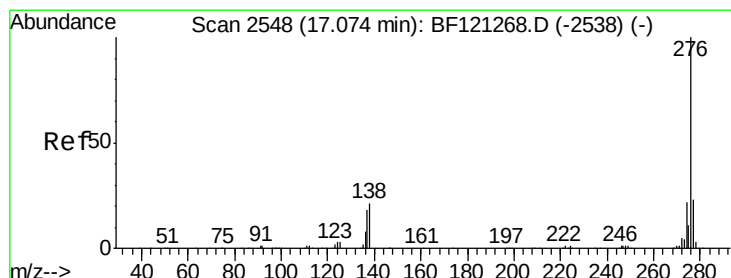
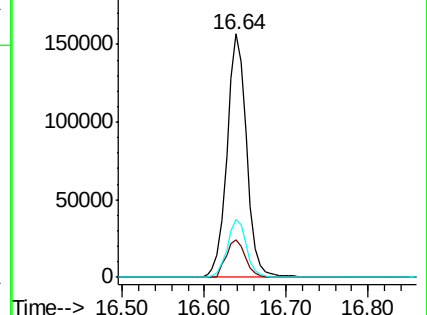
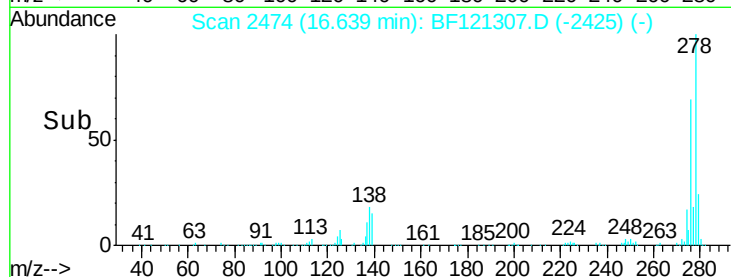
279 24.1 18.6 27.8



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: 31.362 ng

RT: 17.03 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BF121307.D

Acq: 17 Aug 2020 13:43

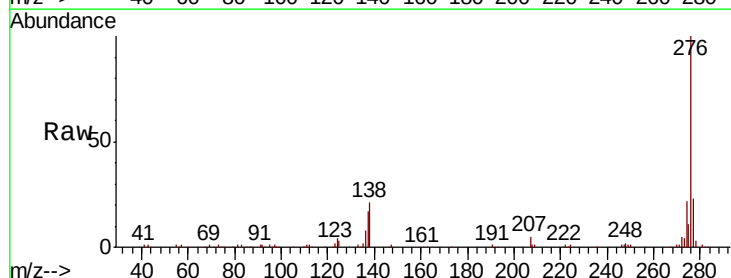
Tgt Ion:276 Resp: 252617

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 20.8 16.6 24.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

