

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\  
 Data File : BF117094.D  
 Acq On : 17 Sep 2019 9:25  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 17 17:50:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 75027    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.10  | 136  | 321672   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.86  | 164  | 170143   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.34 | 188  | 279685   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 193859   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.43 | 264  | 158584   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 358852 | 74.67 | ng | 0.00 |
| 7) Phenol-d6             | 6.47  | 99  | 466070 | 75.05 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.39  | 82  | 463076 | 75.64 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.65 | 330 | 114228 | 80.33 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.18  | 172 | 839654 | 77.16 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 821411 | 79.20 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.56 | 88  | 70064  | 34.842 | ng | 98     |
| 3) Pyridine                    | 3.31 | 79  | 193404 | 35.139 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.26 | 42  | 66199  | 35.048 | ng | 92     |
| 6) Aniline                     | 6.49 | 93  | 298444 | 37.324 | ng | 99     |
| 8) 2-Chlorophenol              | 6.62 | 128 | 199328 | 38.449 | ng | 98     |
| 9) Benzaldehyde                | 6.37 | 77  | 130397 | 42.645 | ng | 98     |
| 10) Phenol                     | 6.48 | 94  | 255077 | 37.256 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.56 | 93  | 189234 | 37.606 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 221656 | 38.102 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 223645 | 37.671 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 211556 | 38.274 | ng | 97     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 188277 | 39.533 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 193893 | 39.001 | ng | 89     |
| 17) 2-Methylphenol             | 7.09 | 107 | 165215 | 38.025 | ng | 94     |
| 18) Hexachloroethane           | 7.34 | 117 | 86987  | 38.087 | ng | # 90   |
| 19) n-Nitroso-di-n-propylamine | 7.24 | 70  | 148964 | 39.390 | ng | 94     |
| 20) 3+4-Methylphenols          | 7.24 | 107 | 209968 | 38.797 | ng | 95     |
| 22) Acetophenone               | 7.23 | 105 | 307760 | 37.657 | ng | # 98   |
| 24) Nitrobenzene               | 7.41 | 77  | 229472 | 37.955 | ng | 98     |
| 25) Isophorone                 | 7.65 | 82  | 410876 | 37.905 | ng | 99     |
| 26) 2-Nitrophenol              | 7.72 | 139 | 104368 | 40.189 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 154027 | 37.402 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 254335 | 38.083 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 169144 | 39.198 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 173635 | 37.246 | ng | 100    |
| 31) Naphthalene                | 8.13 | 128 | 582336 | 37.642 | ng | 100    |
| 32) Benzoic acid               | 7.89 | 122 | 89894  | 31.532 | ng | 98     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 261692 | 38.138 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 102737 | 38.843 | ng | 98     |
| 35) Caprolactam                | 8.55 | 113 | 52457  | 35.916 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 194535 | 38.664 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 398828 | 38.284 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.92 | 142 | 376807 | 38.619 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 166187 | 37.825 | ng | 99     |

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 QLast Update : Fri Sep 13 16:23:17 2019  
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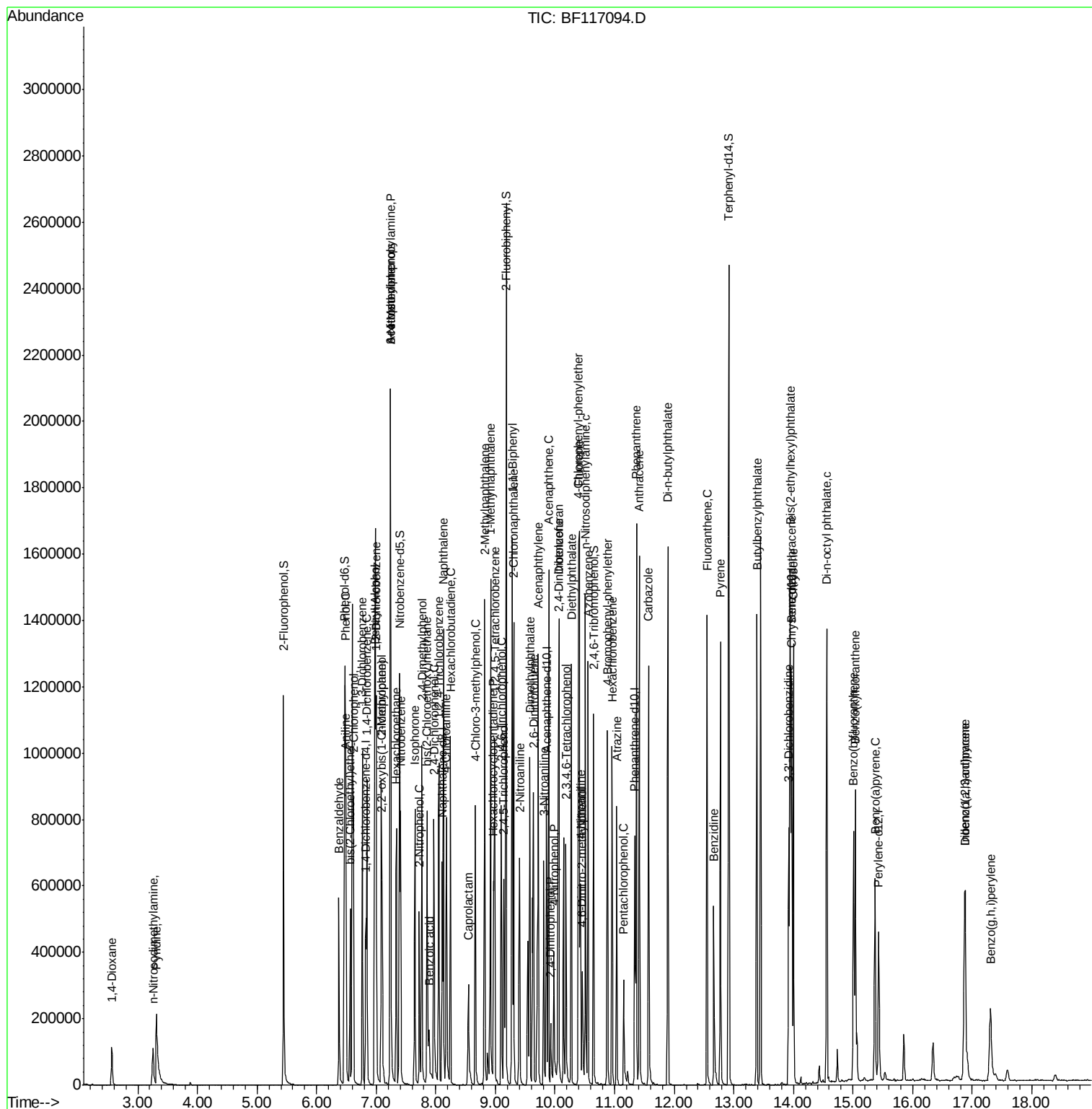
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 73958    | 42.194 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 111427   | 37.372 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.14  | 196  | 114007   | 35.789 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.28  | 154  | 500837   | 37.527 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.30  | 162  | 393559   | 37.365 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.40  | 65   | 128147   | 37.931 | ng    | 94       |
| 49) Acenaphthylene             | 9.72  | 152  | 591855   | 37.510 | ng    | 100      |
| 50) Dimethylphthalate          | 9.57  | 163  | 462179   | 38.365 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.64  | 165  | 98672    | 40.216 | ng    | 87       |
| 52) Acenaphthene               | 9.89  | 154  | 350099   | 37.430 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.81  | 138  | 117779   | 38.046 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 35820    | 39.103 | ng    | 91       |
| 55) Dibenzofuran               | 10.06 | 168  | 526679   | 38.164 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.98  | 139  | 77254    | 38.505 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.05 | 165  | 131836   | 41.394 | ng    | 96       |
| 58) Fluorene                   | 10.40 | 166  | 424879   | 38.220 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.19 | 232  | 93884    | 38.513 | ng    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 466807   | 39.386 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 193169   | 40.162 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.43 | 138  | 121814   | 37.838 | ng    | 97       |
| 63) Azobenzene                 | 10.55 | 77   | 467021   | 38.581 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 10.46 | 198  | 48962    | 39.798 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 10.51 | 169  | 369422   | 38.246 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.88 | 248  | 113460   | 39.723 | ng    | 100      |
| 68) Hexachlorobenzene          | 10.96 | 284  | 121938   | 39.032 | ng    | 97       |
| 69) Atrazine                   | 11.03 | 200  | 96469    | 38.639 | ng    | 99       |
| 70) Pentachlorophenol          | 11.15 | 266  | 49083    | 33.518 | ng    | 98       |
| 71) Phenanthrene               | 11.36 | 178  | 593762   | 37.376 | ng    | 99       |
| 72) Anthracene                 | 11.42 | 178  | 627487   | 38.690 | ng    | 99       |
| 73) Carbazole                  | 11.57 | 167  | 571805   | 37.143 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 750940   | 40.999 | ng    | 99       |
| 75) Fluoranthene               | 12.55 | 202  | 607213   | 37.200 | ng    | 97       |
| 77) Benzidine                  | 12.66 | 184  | 250467   | 40.109 | ng    | 98       |
| 78) Pyrene                     | 12.78 | 202  | 607898   | 37.372 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 314661   | 40.939 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 486736   | 37.580 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 160416   | 38.435 | ng    | 98       |
| 83) Chrysene                   | 14.00 | 228  | 473037   | 37.447 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 440708   | 44.471 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 700649   | 44.920 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.87 | 276  | 306271   | 33.232 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.01 | 252  | 360083   | 37.485 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.04 | 252  | 367406   | 40.376 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.37 | 252  | 323000   | 38.318 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.88 | 278  | 251689   | 37.481 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.30 | 276  | 235324   | 35.167 | ng    | 97       |

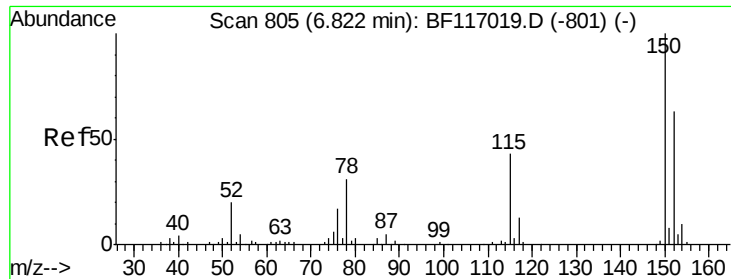
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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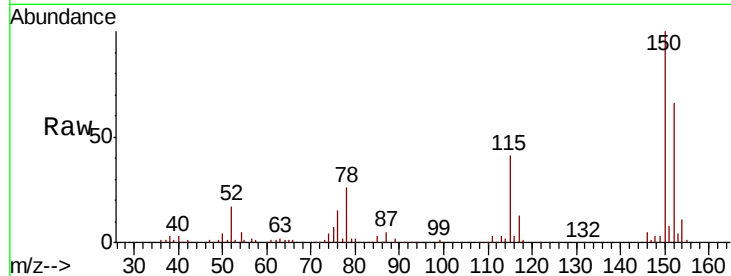


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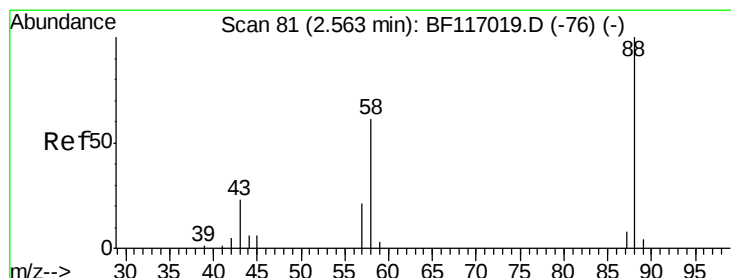
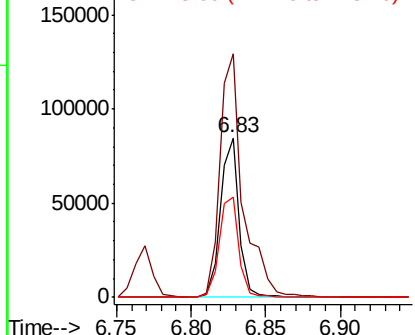
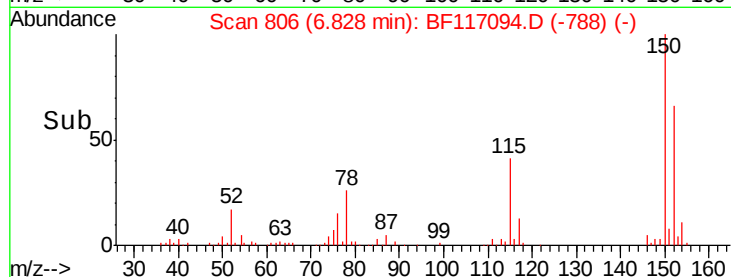
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 75027  
Ion Ratio Lower Upper  
152 100  
150 152.5 127.5 191.3  
115 62.7 55.0 82.4



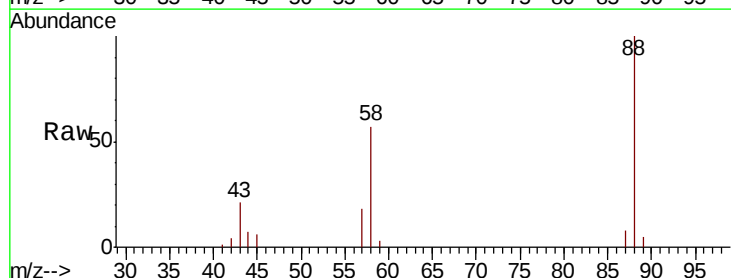
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



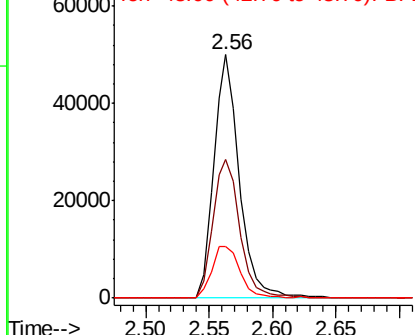
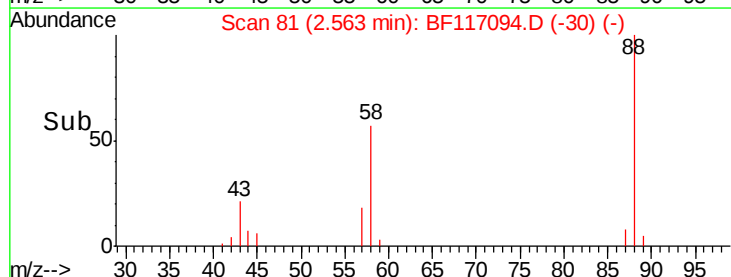
#2

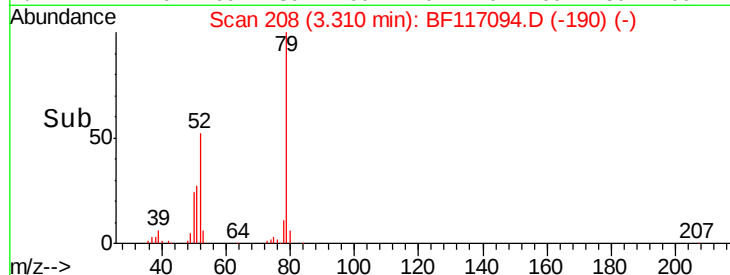
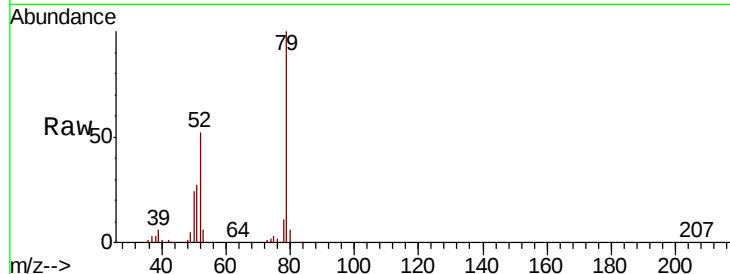
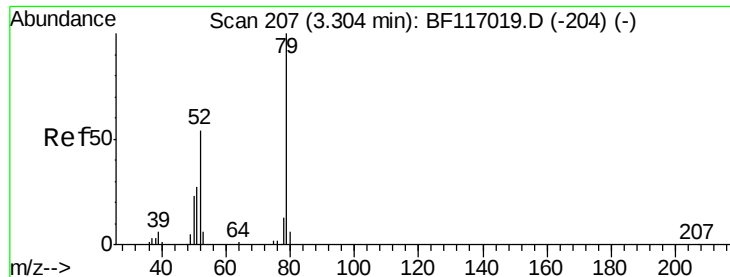
1,4-Dioxane  
Concen: 34.842 ng  
RT: 2.56 min Scan# 81  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Tgt Ion: 88 Resp: 70064  
Ion Ratio Lower Upper  
88 100  
58 59.9 49.3 73.9  
43 23.6 18.8 28.2



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

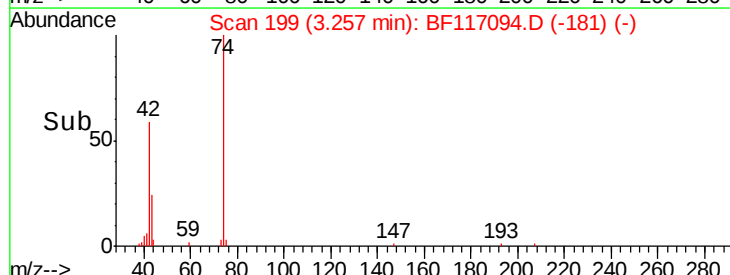
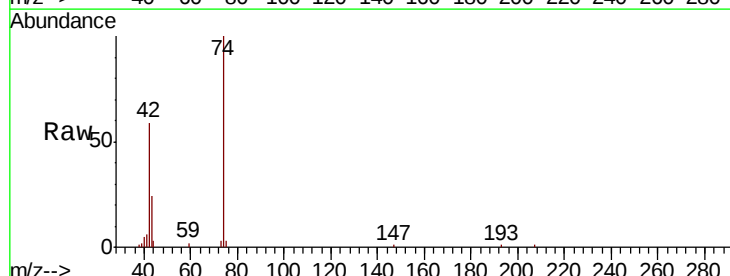
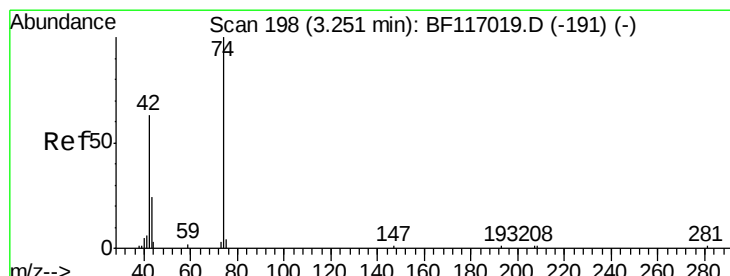
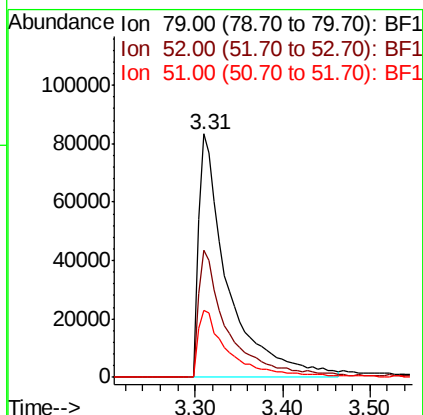




#3  
 Pvridine  
 Concen: 35.139 ng  
 RT: 3.31 min Scan# 208  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

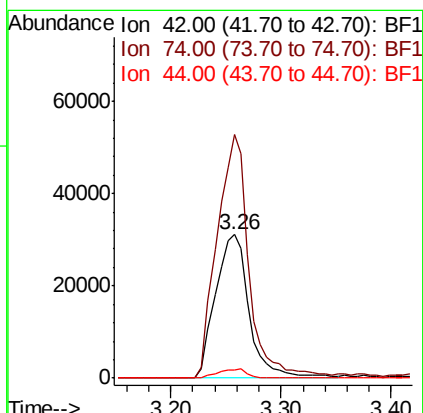
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 52.3  | 43.5  | 65.3  |
| 51      | 27.3  | 21.8  | 32.6  |

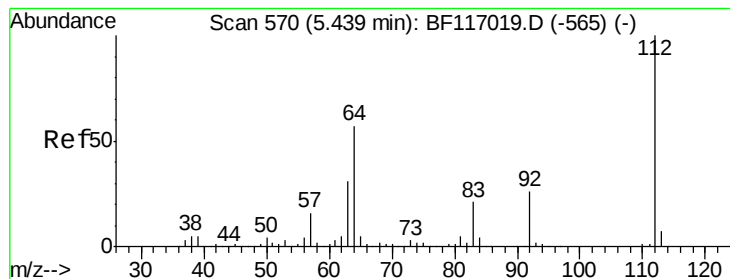
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



#4  
 n-Nitrosodimethylamine  
 Concen: 35.048 ng  
 RT: 3.26 min Scan# 199  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 169.8 | 127.1 | 190.7 |
| 44      | 5.2   | 4.3   | 6.5   |





#5

2-Fluorophenol

Concen: 74.674 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

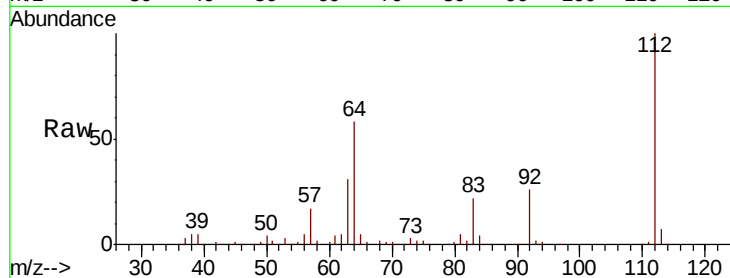
Tot Ion: 112 Resp: 358852

Ion Ratio Lower Upper

112 100

64 58.0 45.7 68.5

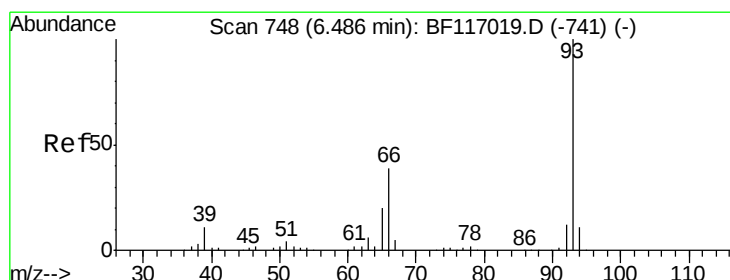
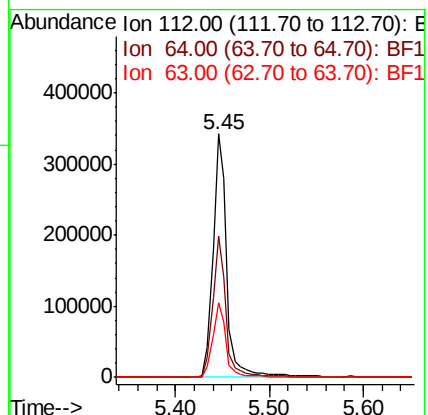
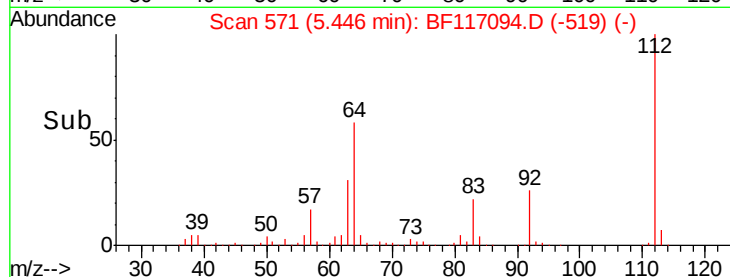
63 30.7 24.9 37.3



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: 37.324 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

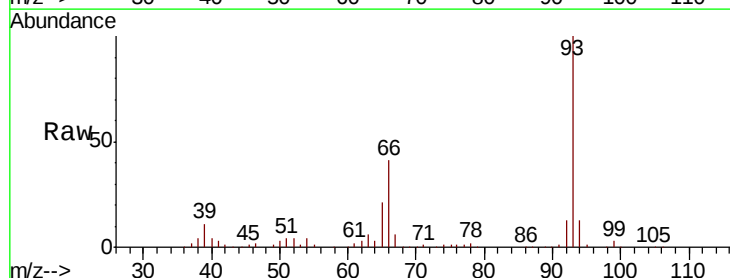
Tgt Ion: 93 Resp: 298444

Ion Ratio Lower Upper

93 100

66 41.2 32.6 49.0

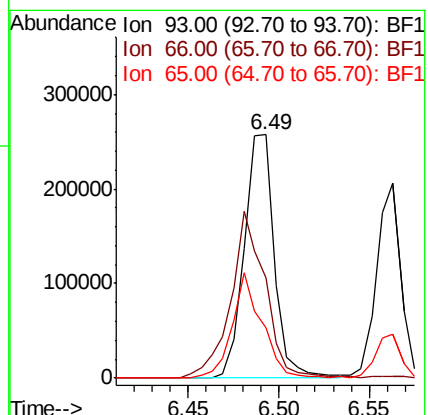
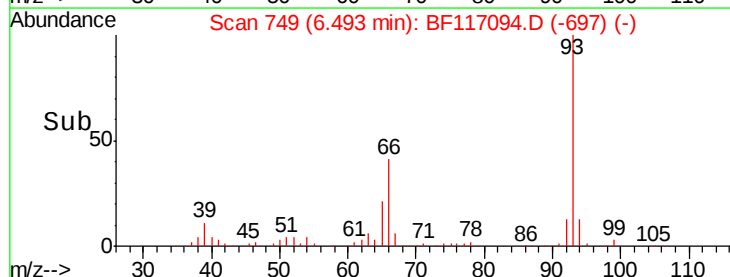
65 20.7 16.7 25.1

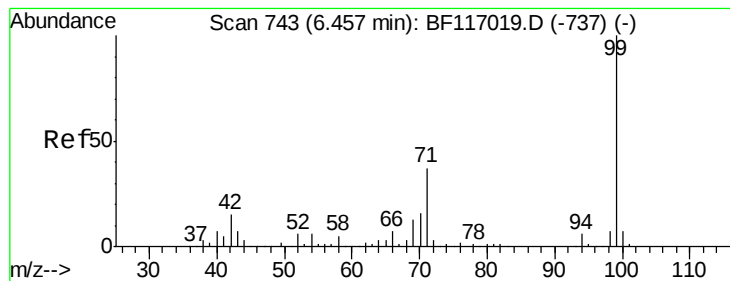


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.045 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

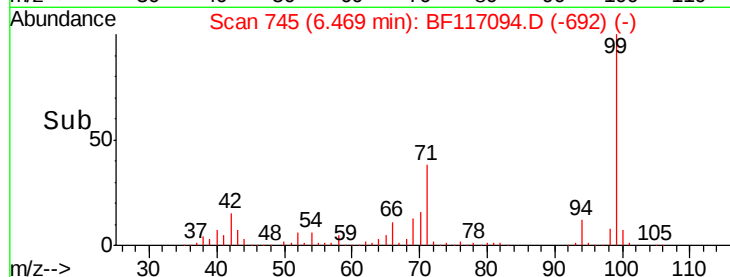
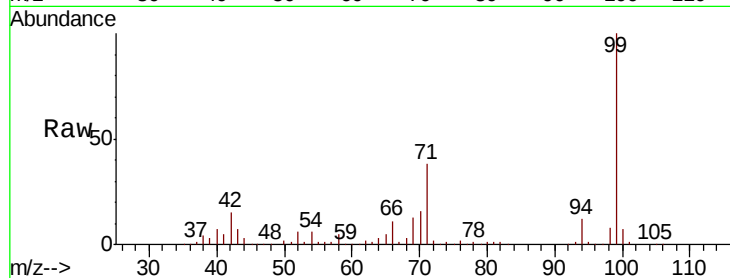
Tot Ion: 99 Resp: 466070

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

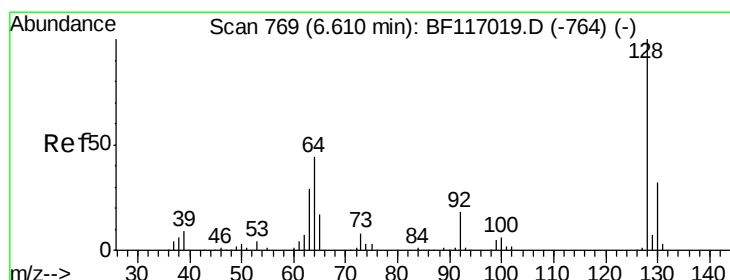
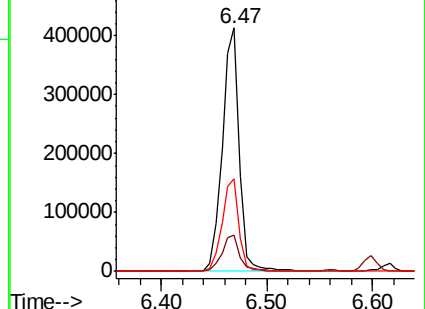
71 37.8 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.449 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

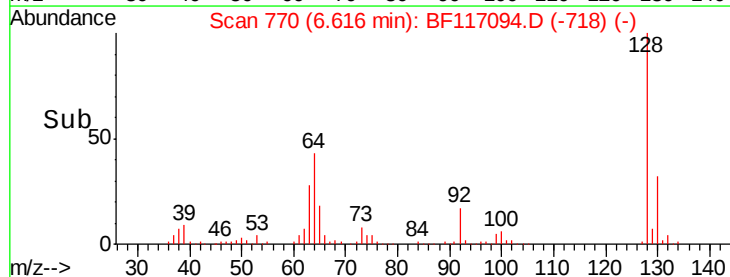
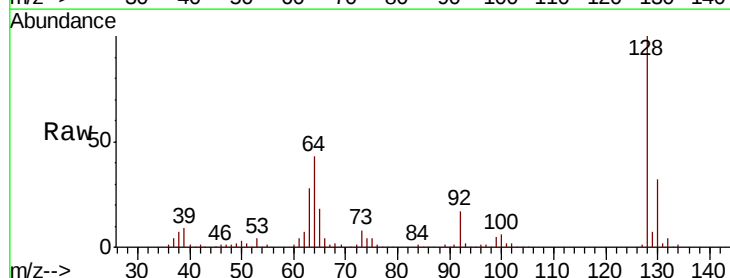
Tgt Ion: 128 Resp: 199328

Ion Ratio Lower Upper

128 100

130 32.1 11.8 51.8

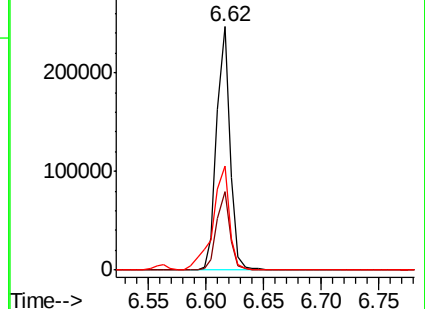
64 42.5 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

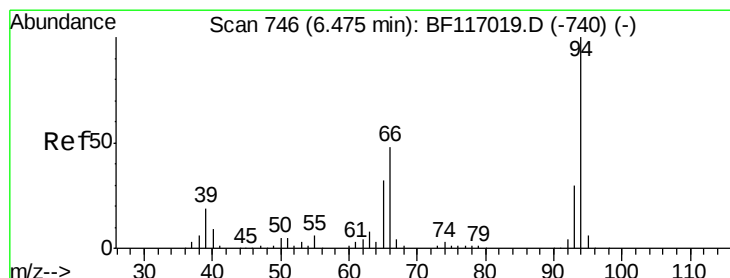
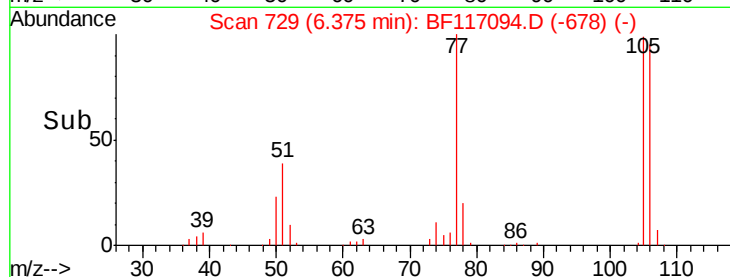
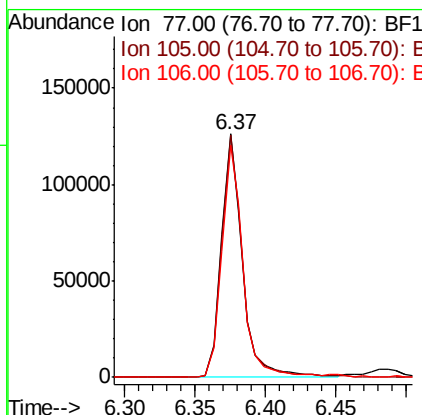
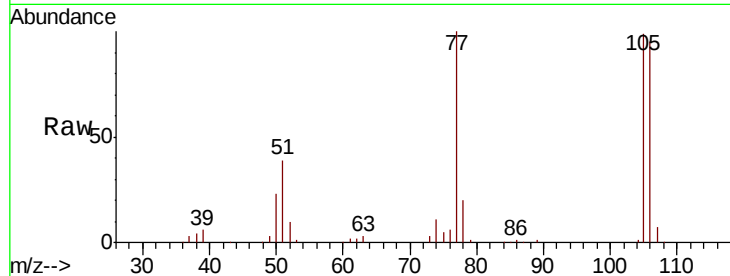




#9  
Benzaldehyde  
Concen: 42.645 ng  
RT: 6.37 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

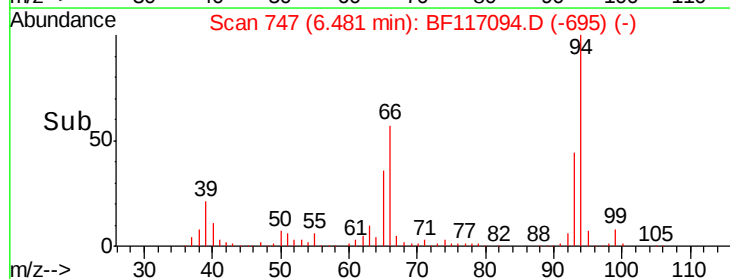
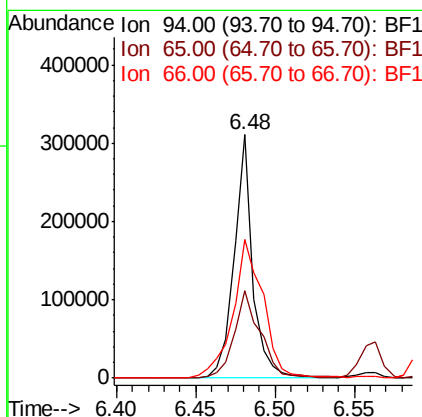
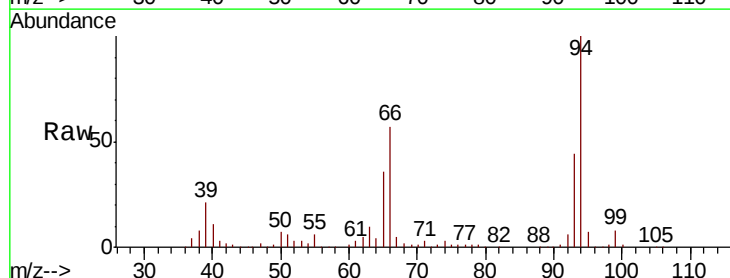
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 105     | 99.4 | 81.8  | 121.8 |       |
| 106     | 95.5 | 77.3  | 117.3 |       |



#10  
Phenol  
Concen: 37.256 ng  
RT: 6.48 min Scan# 747  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 94      | 100  |       |       |       |
| 65      | 35.9 | 12.5  | 52.5  |       |
| 66      | 56.8 | 28.9  | 68.9  |       |





#11

bis(2-Chloroethyl)ether

Concen: 37.606 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

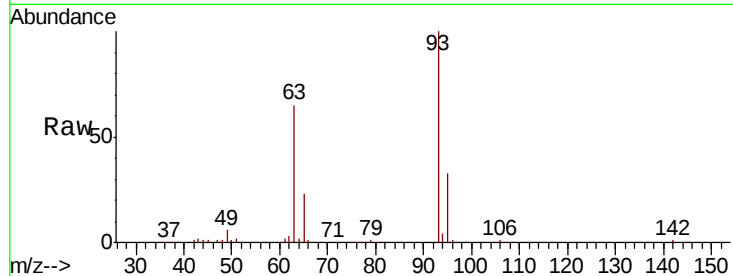
Tot Ion: 93 Resp: 189234

Ion Ratio Lower Upper

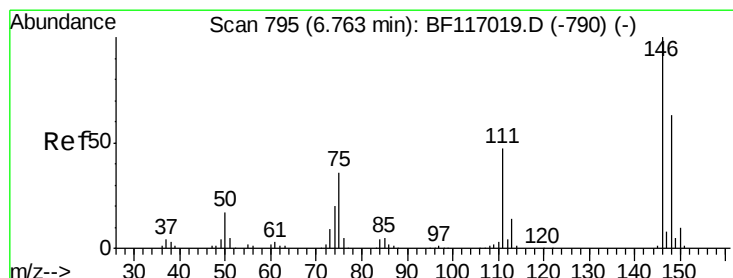
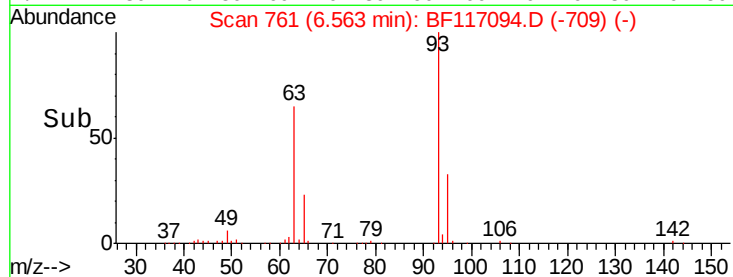
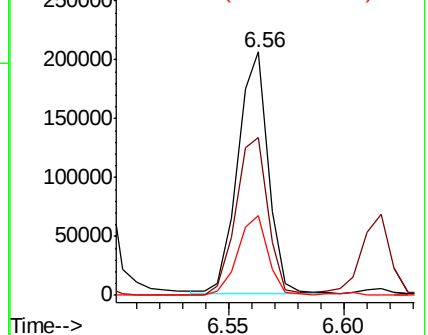
93 100

63 65.0 49.3 89.3

95 32.6 11.5 51.5



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: 38.102 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

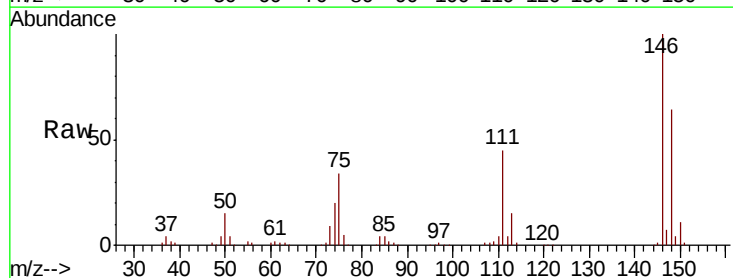
Tgt Ion: 146 Resp: 221656

Ion Ratio Lower Upper

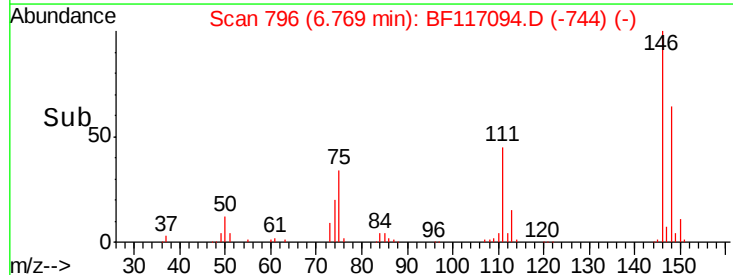
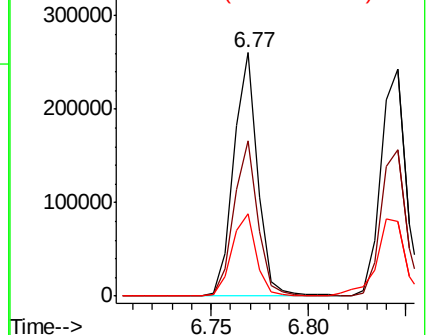
146 100

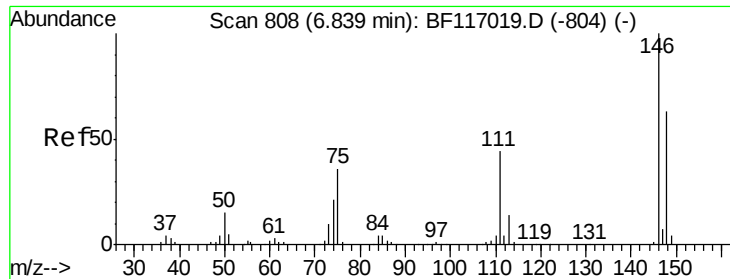
148 63.5 50.8 76.2

75 34.1 28.7 43.1



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

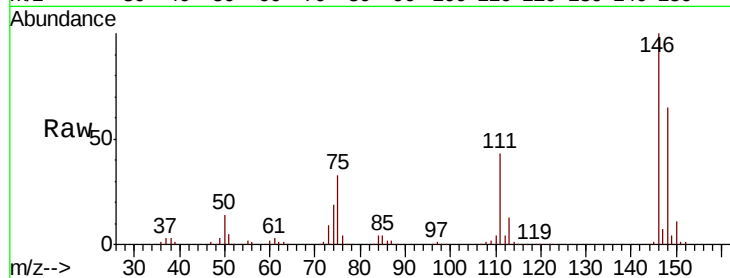




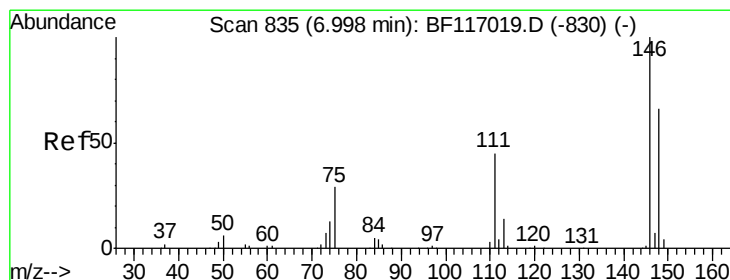
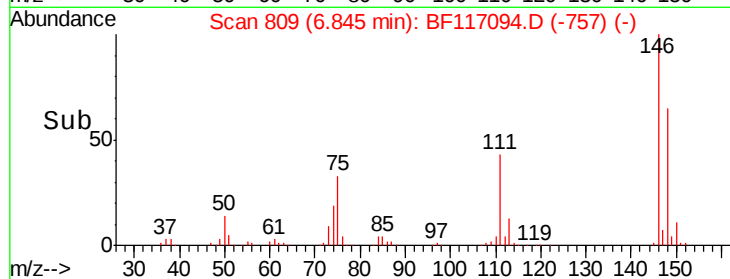
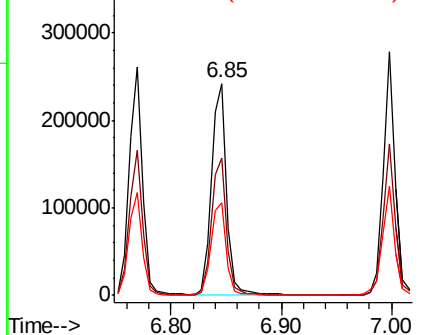
#13  
 1,4-Dichlorobenzene  
 Concen: 37.671 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.6  | 76.0  |
| 111     | 43.5  | 35.0  | 52.6  |

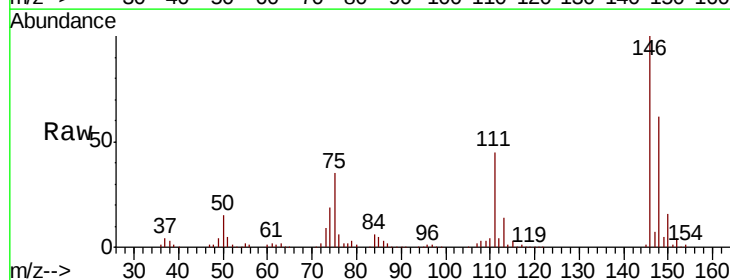


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

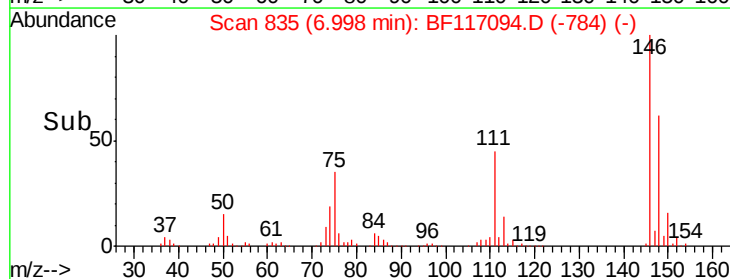
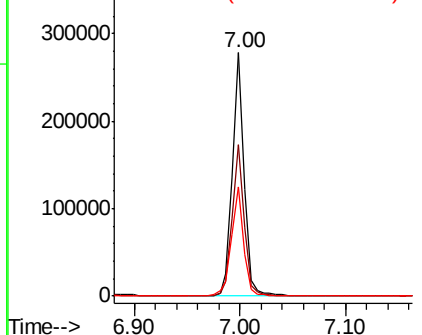


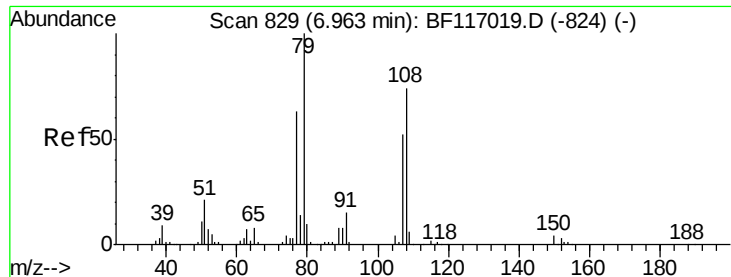
#14  
 1,2-Dichlorobenzene  
 Concen: 38.274 ng  
 RT: 7.00 min Scan# 835  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.4  | 52.6  | 78.8  |
| 111     | 44.9  | 36.2  | 54.2  |



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: 39.533 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

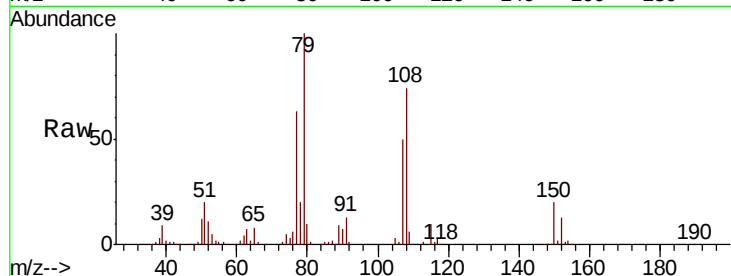
Tot Ion: 79 Resp: 188277

Ion Ratio Lower Upper

79 100

108 73.5 59.4 89.0

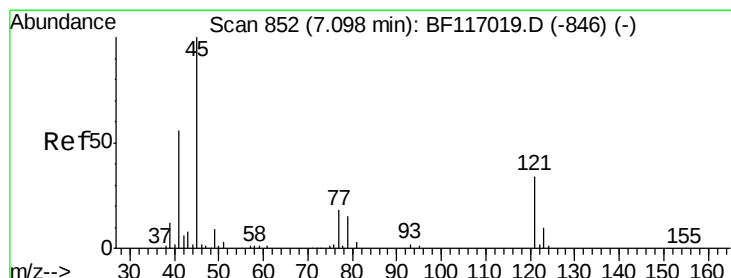
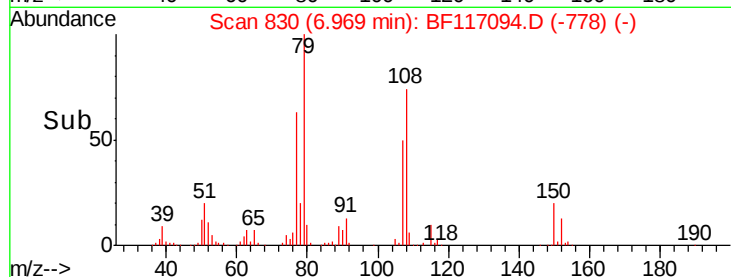
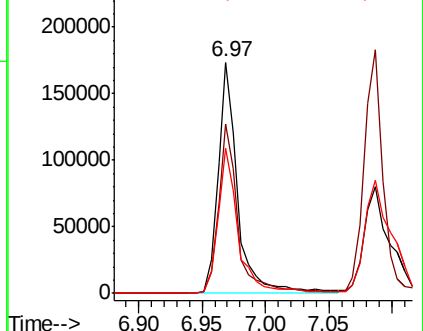
77 63.0 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.001 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

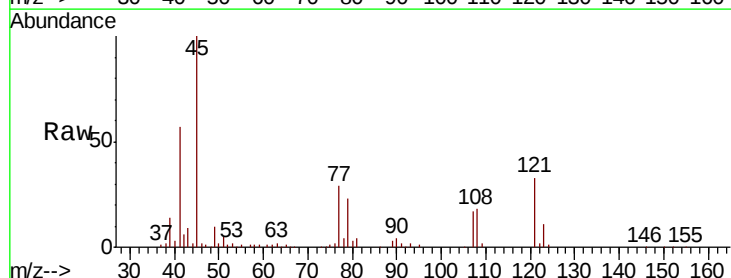
Tgt Ion: 45 Resp: 193893

Ion Ratio Lower Upper

45 100

77 28.7 2.7 42.7

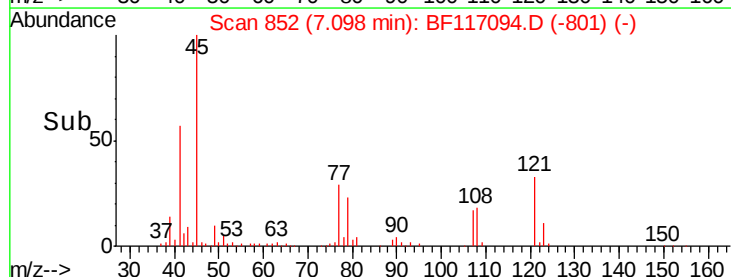
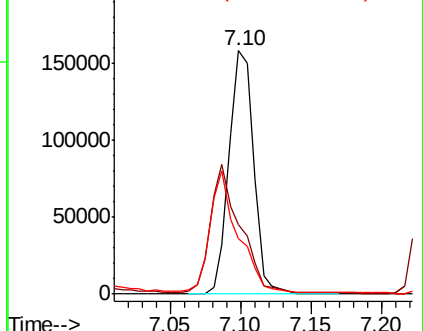
79 22.7 0.0 38.9

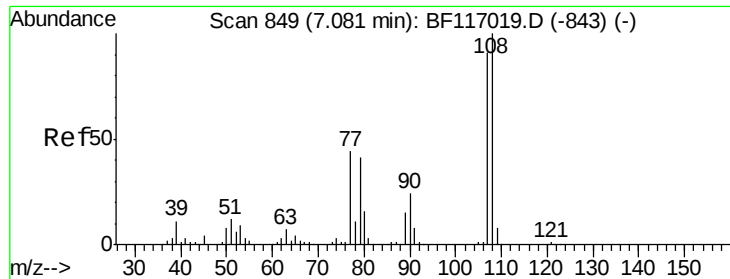


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

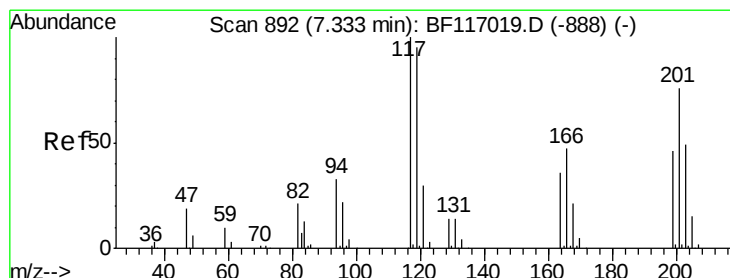
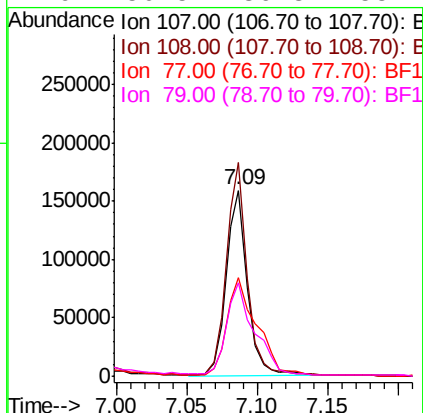
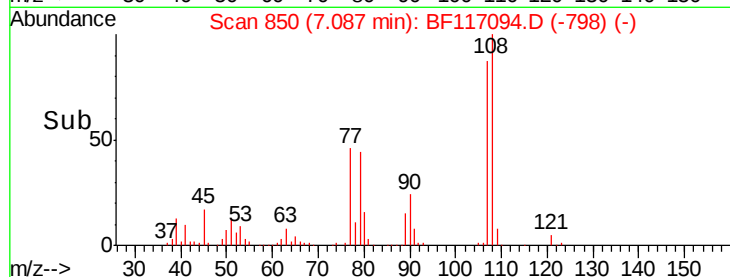
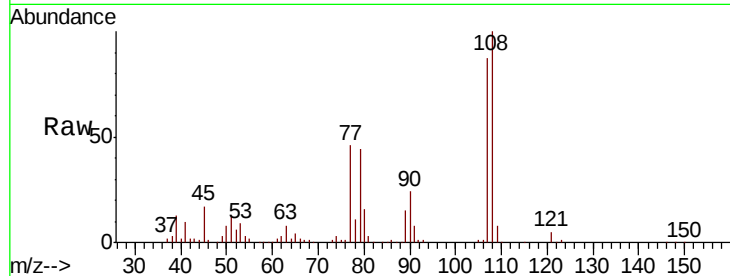




#17  
2-Methylphenol  
Concen: 38.025 ng  
RT: 7.09 min Scan# 850  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

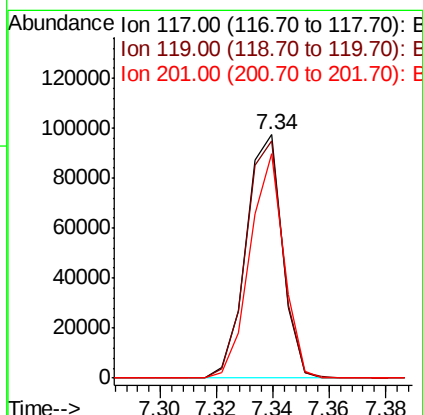
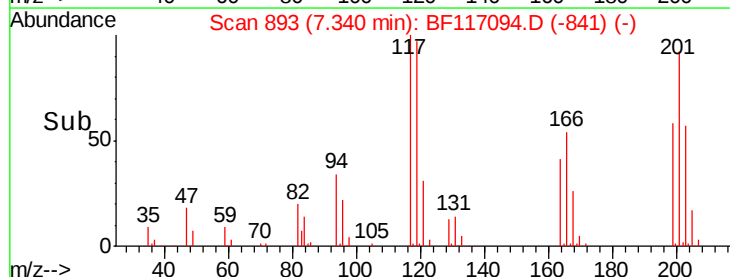
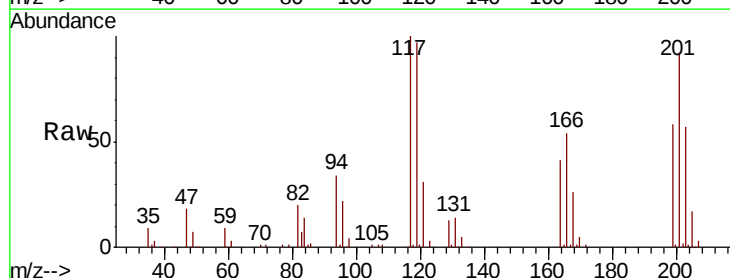
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

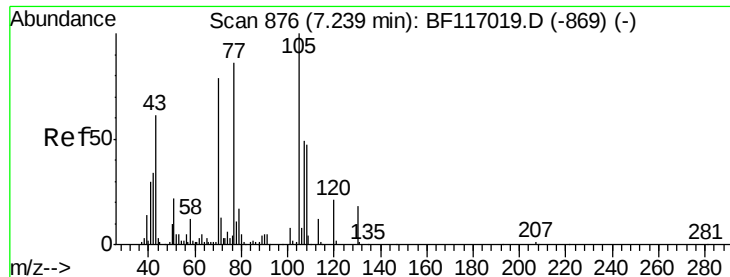
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 165215 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.9 | 87.7  | 131.5  |
| 77       | 53.3  | 38.6  | 58.0   |
| 79       | 50.5  | 36.8  | 55.2   |



#18  
Hexachloroethane  
Concen: 38.087 ng  
RT: 7.34 min Scan# 893  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 86987 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.3  | 75.8  | 113.8 |
| 201      | 92.2  | 60.9  | 91.3# |

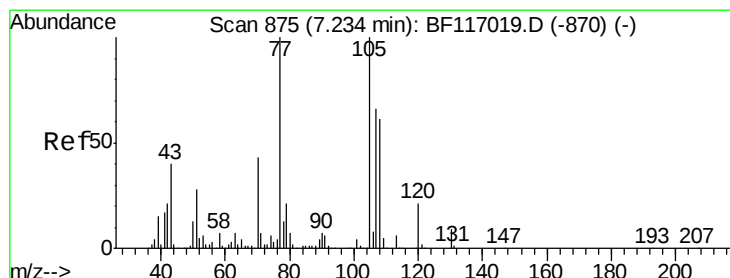
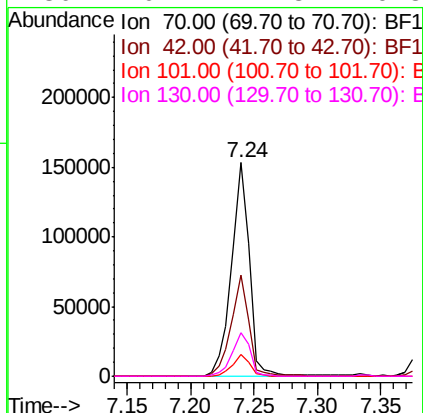
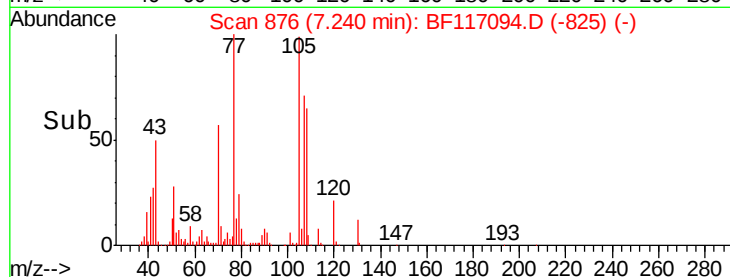
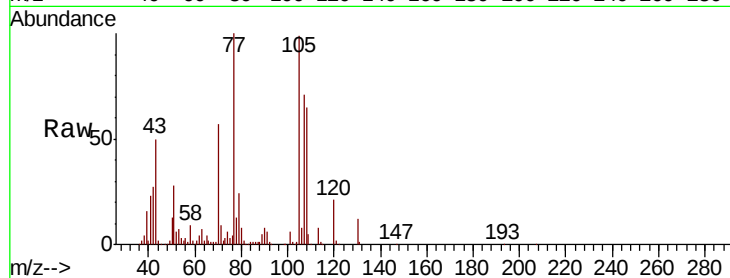




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.390 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

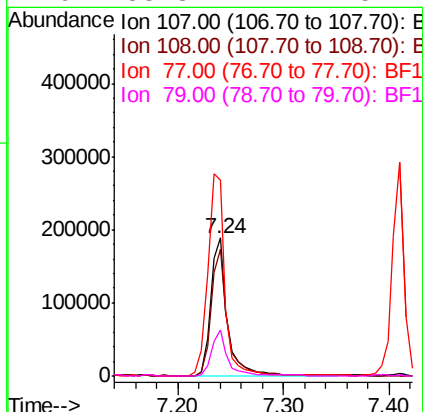
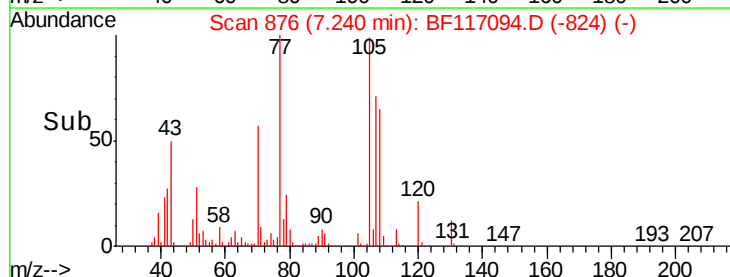
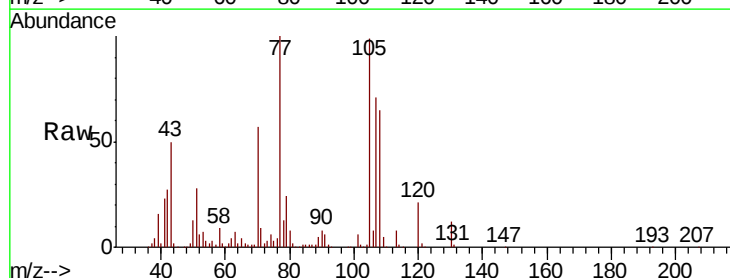
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

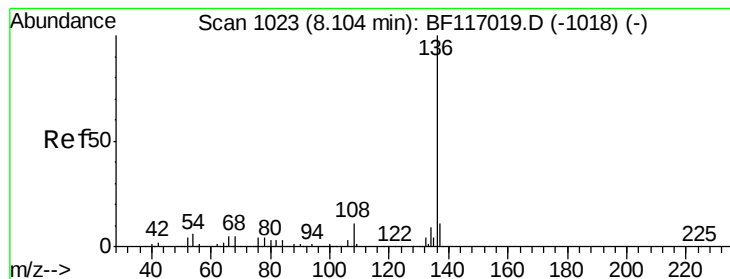
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 148964 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 47.1  | 34.0  | 51.0   |
| 101      | 10.0  | 7.8   | 11.6   |
| 130      | 20.1  | 17.8  | 26.8   |



#20  
3+4-Methylphenols  
Concen: 38.797 ng  
RT: 7.24 min Scan# 876  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 209968 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.2  | 72.6  | 112.6  |
| 77       | 141.8 | 132.1 | 172.1  |
| 79       | 33.3  | 12.1  | 52.1   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 321672

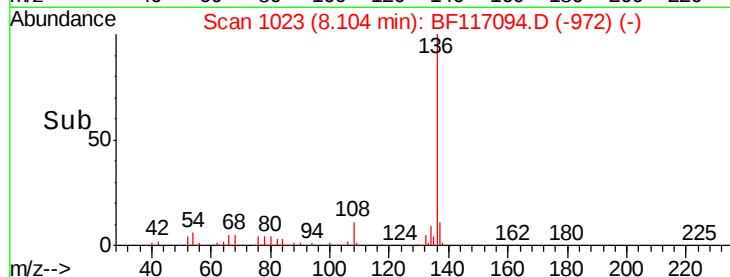
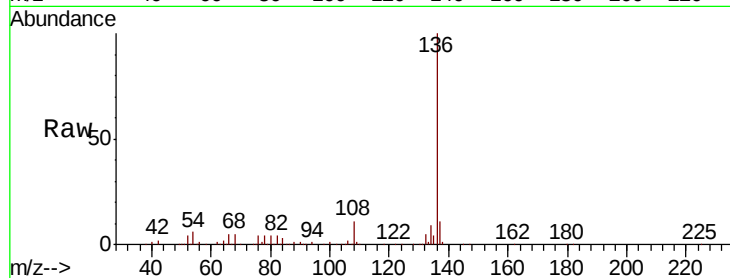
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.2 4.5 6.7

68 4.9 4.0 6.0

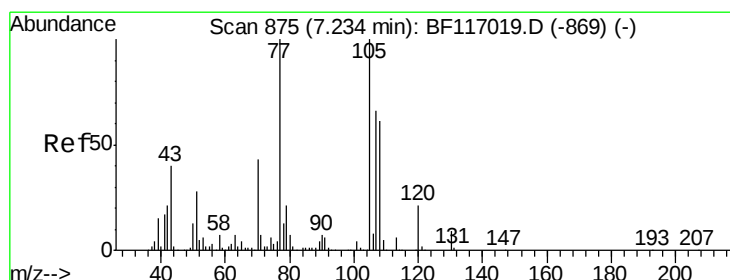
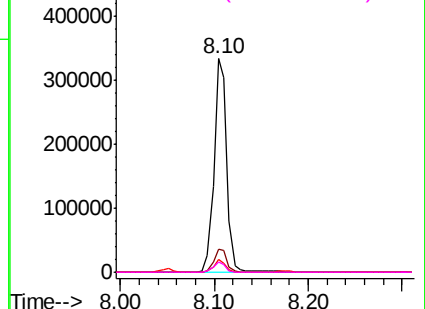


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.657 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Tgt Ion:105 Resp: 307760

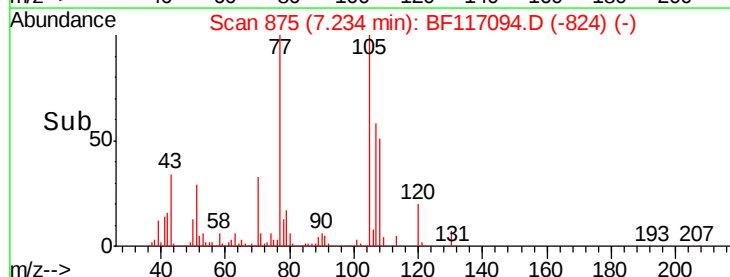
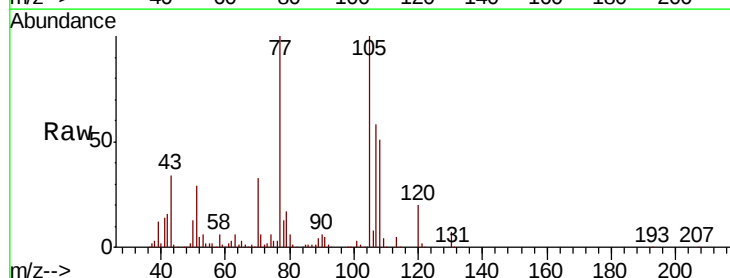
Ion Ratio Lower Upper

105 100

71 5.6 5.7 8.5#

51 28.5 22.1 33.1

120 20.4 17.1 25.7

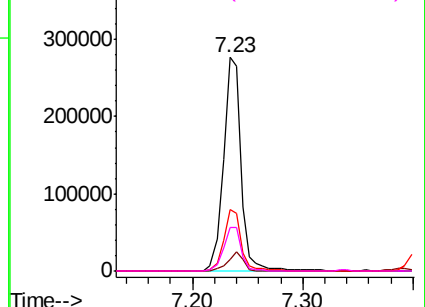


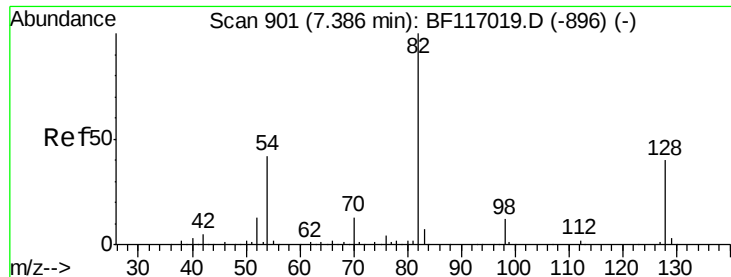
Abundance Ion 105.00 (104.70 to 105.70): E

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

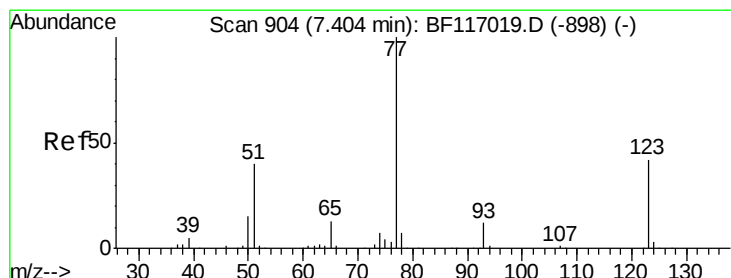
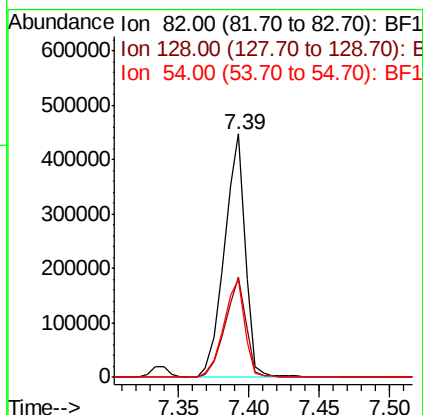
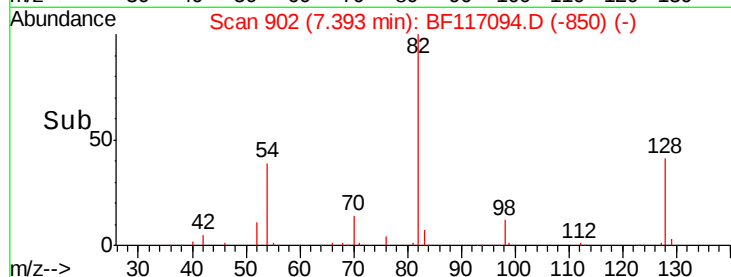
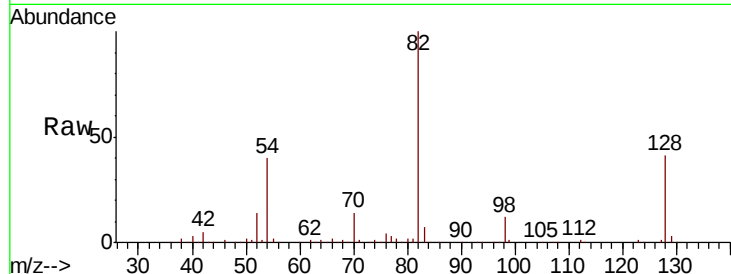




#23  
Nitrobenzene-d5  
Concen: 75.640 ng  
RT: 7.39 min Scan# 902  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

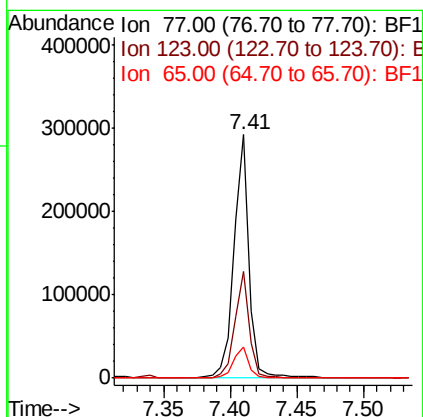
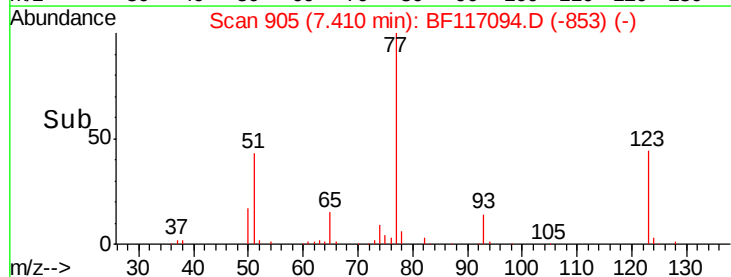
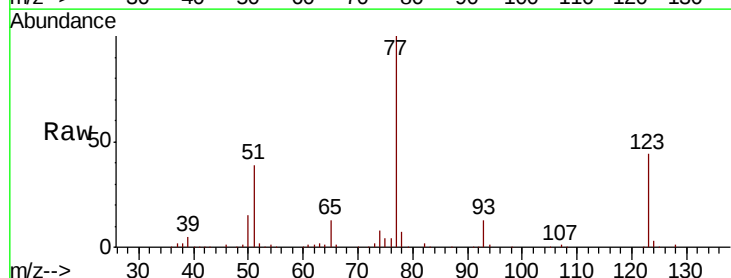
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.3  | 32.3  | 48.5  |
| 54      | 40.4  | 33.3  | 49.9  |



#24  
Nitrobenzene  
Concen: 37.955 ng  
RT: 7.41 min Scan# 905  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.8  | 33.5  | 50.3  |
| 65      | 12.9  | 10.5  | 15.7  |





#25

Isophorone

Concen: 37.905 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

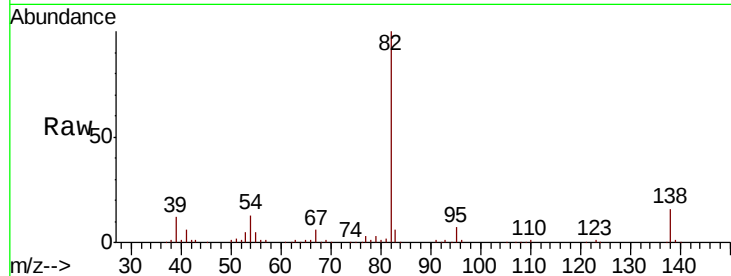
Tot Ion: 82 Resp: 410876

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

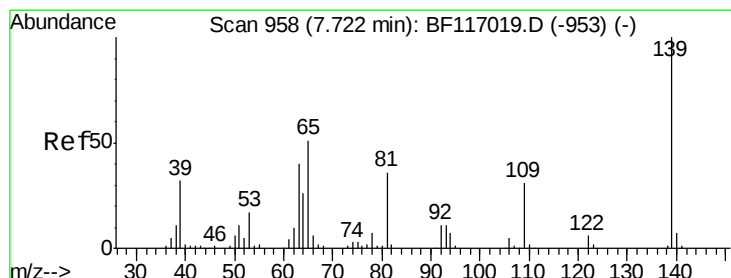
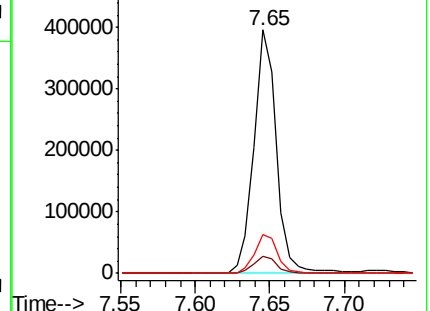
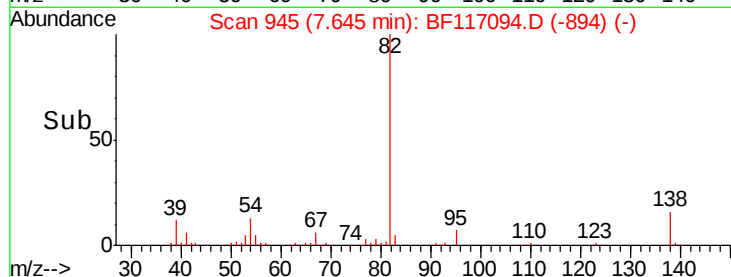
138 16.2 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.189 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

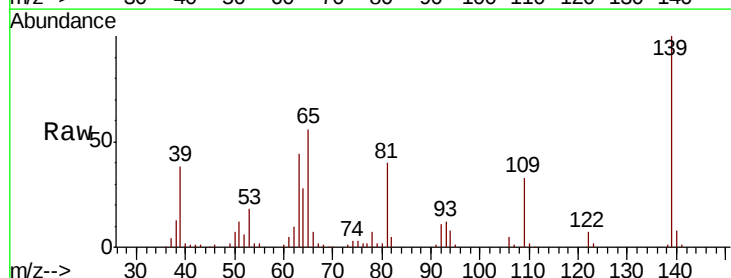
Tgt Ion: 139 Resp: 104368

Ion Ratio Lower Upper

139 100

109 32.9 24.6 36.8

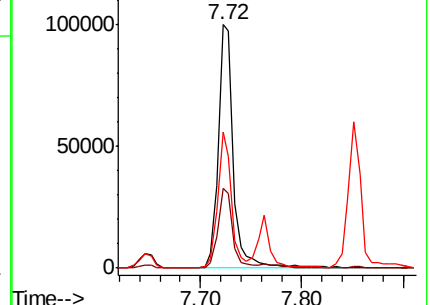
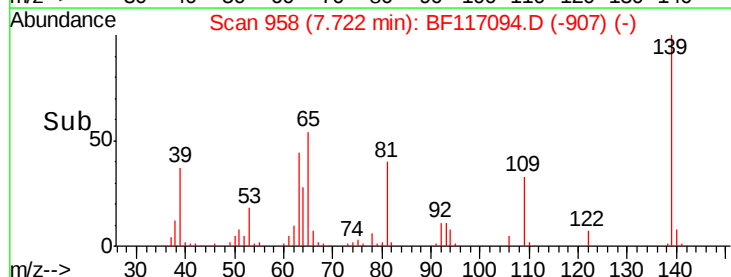
65 55.8 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

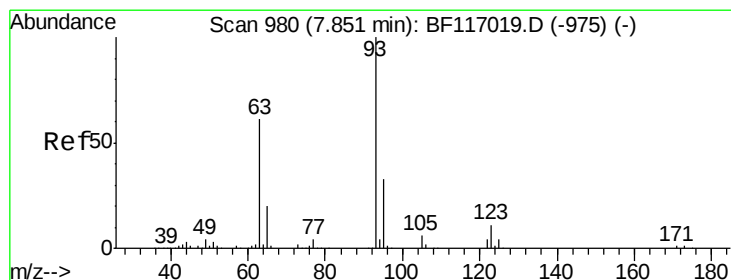
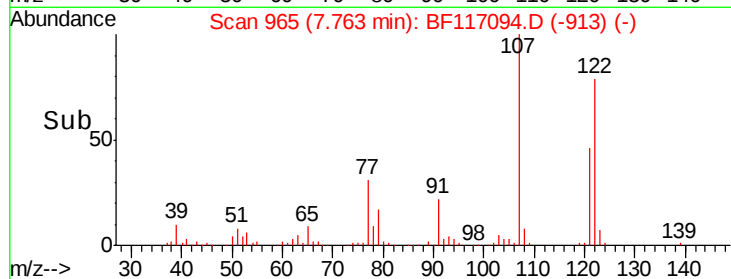
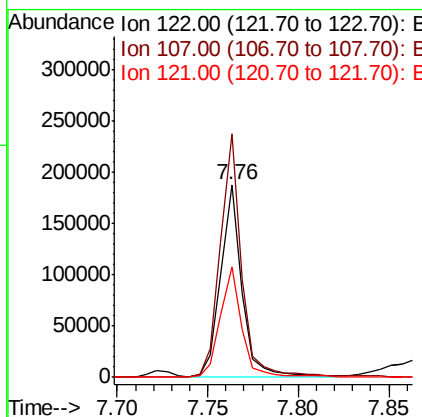
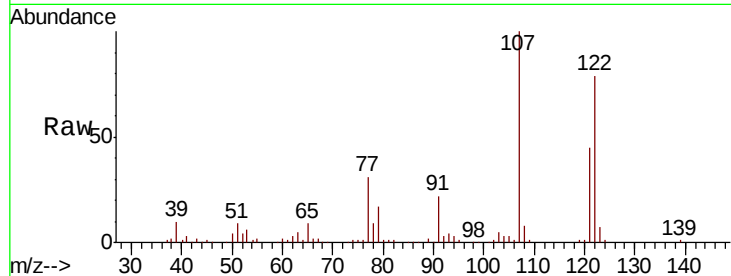




#27  
 2,4-Dimethylphenol  
 Concen: 37.402 ng  
 RT: 7.76 min Scan# 965  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

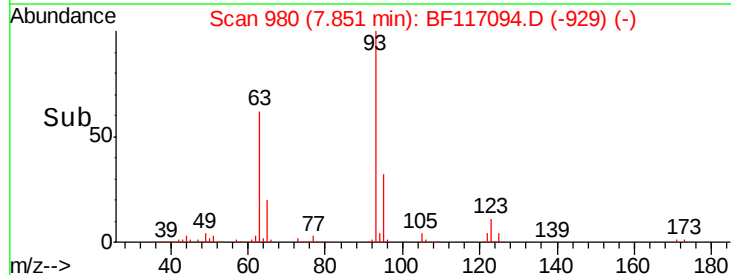
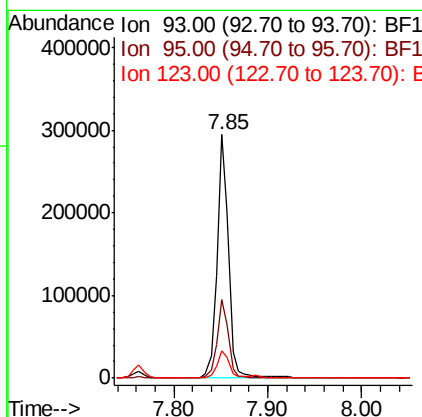
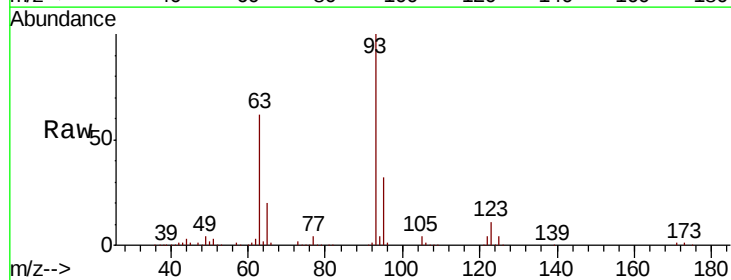
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

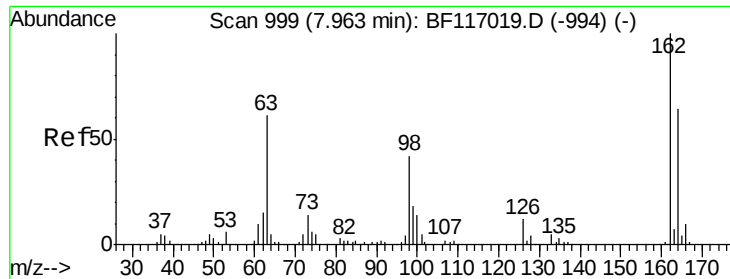
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 126.1 | 98.9  | 148.3 |
| 121     | 57.3  | 45.3  | 67.9  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.083 ng  
 RT: 7.85 min Scan# 980  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 26.2  | 39.4  |
| 123     | 11.3  | 9.0   | 13.6  |

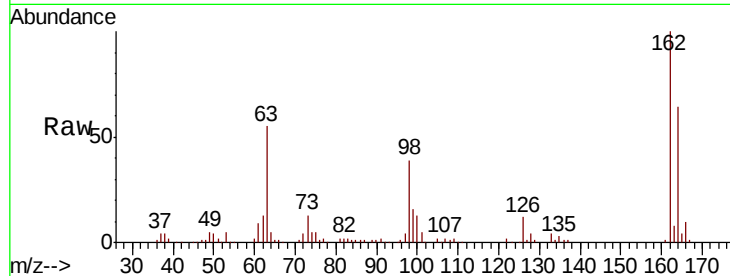




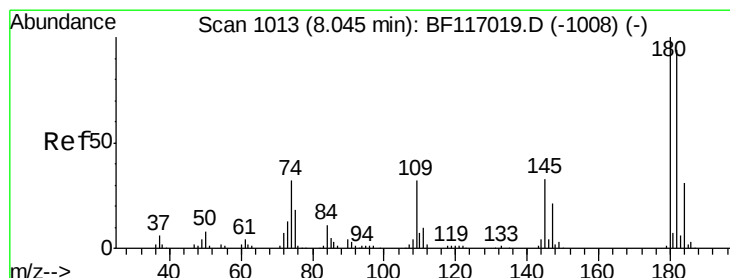
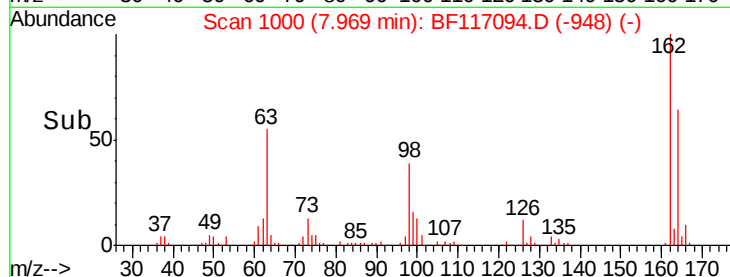
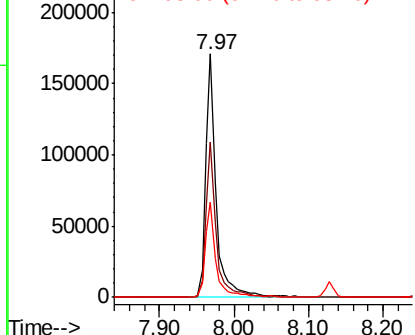
#29  
 2,4-Dichlorophenol  
 Concen: 39.198 ng  
 RT: 7.97 min Scan# 1000  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.6  | 43.8  | 83.8  |
| 98      | 39.3  | 22.1  | 62.1  |

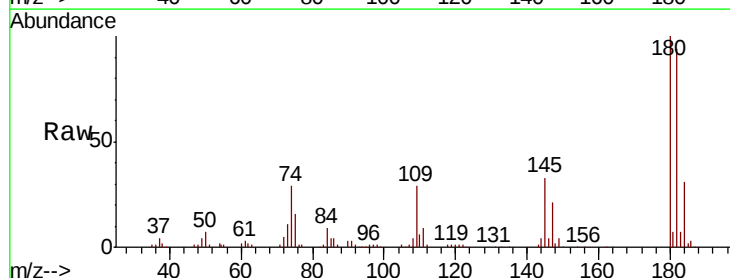


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

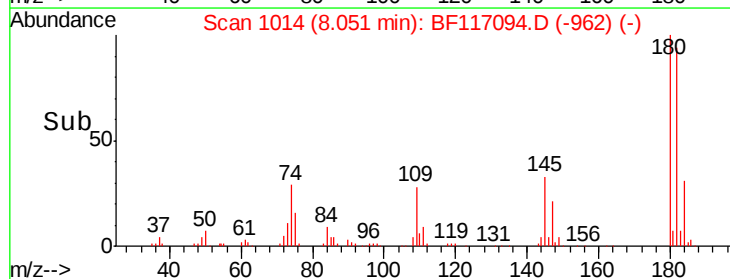
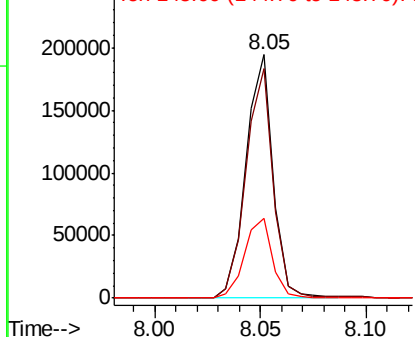


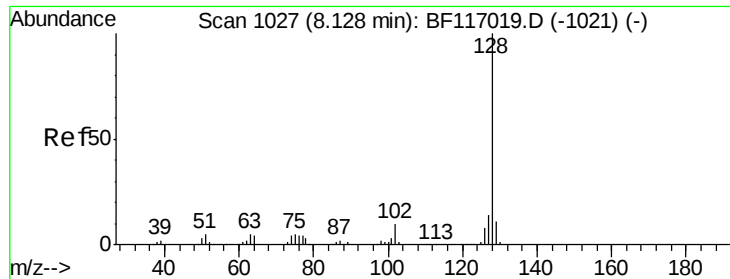
#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.246 ng  
 RT: 8.05 min Scan# 1014  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 75.4  | 113.0 |
| 145     | 32.9  | 26.7  | 40.1  |



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

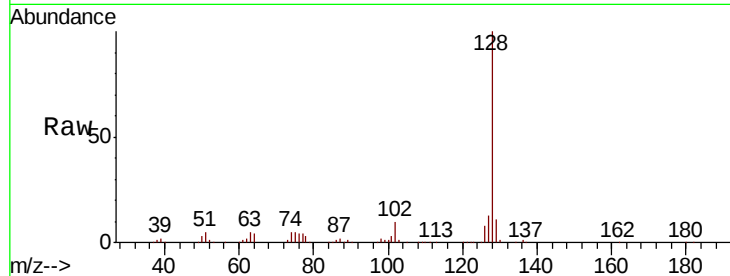




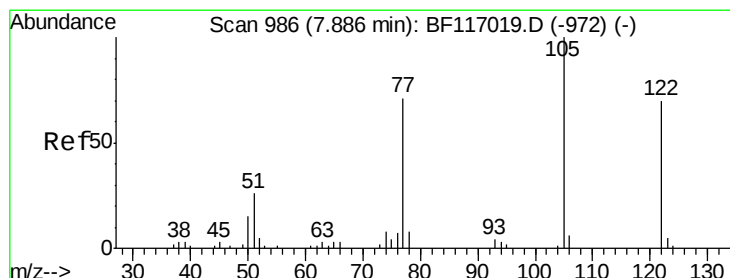
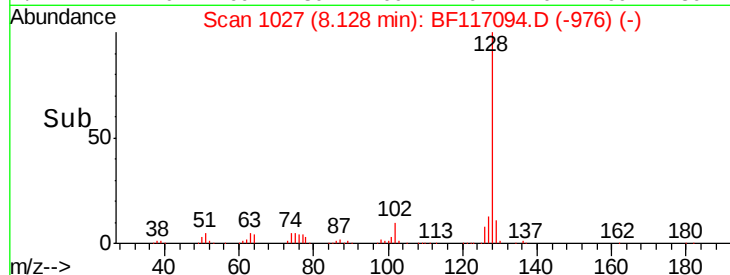
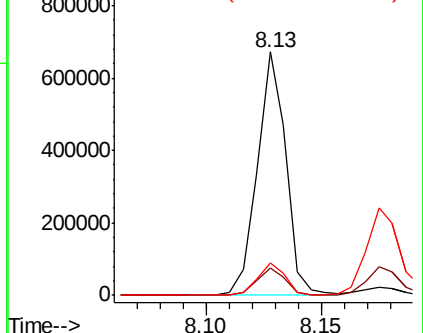
#31  
Naphthalene  
Concen: 37.642 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.0   | 13.4  |
| 127     | 13.4  | 10.8  | 16.2  |

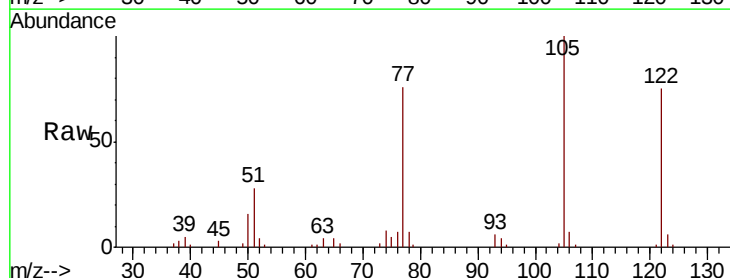


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

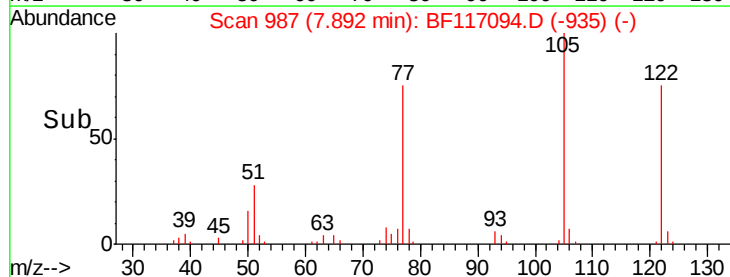
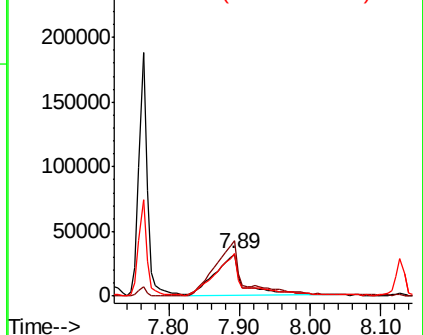


#32  
Benzoic acid  
Concen: 31.532 ng  
RT: 7.89 min Scan# 987  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 134.0 | 114.8 | 154.8 |
| 77      | 101.8 | 78.7  | 118.7 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

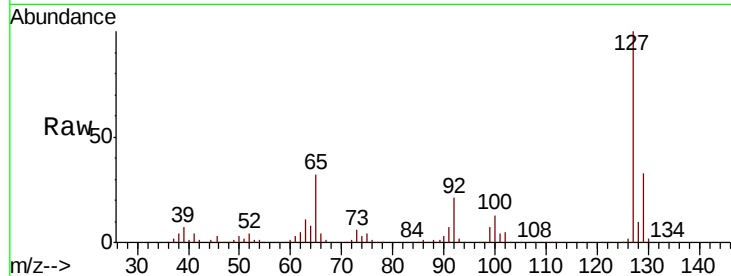




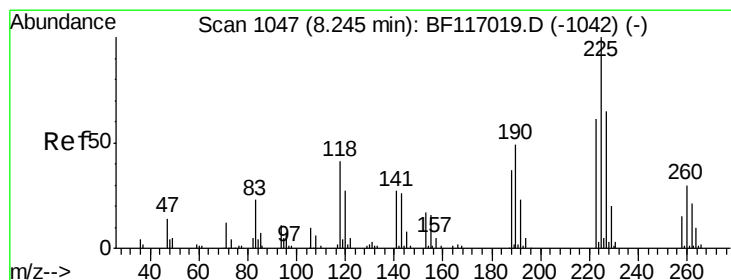
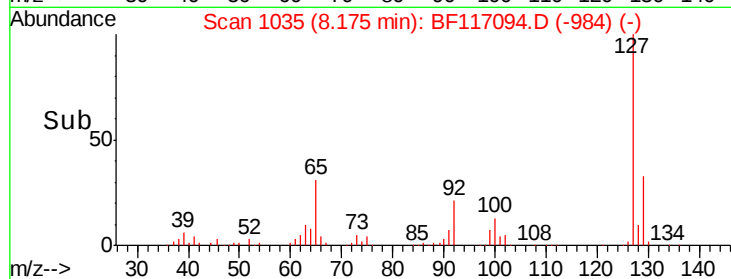
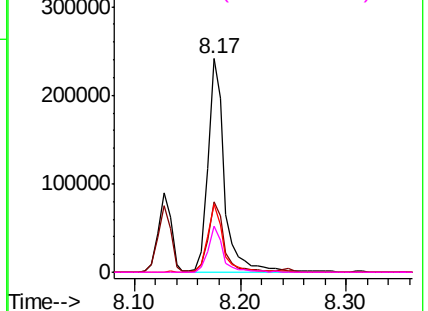
#33  
4-Chloroaniline  
Concen: 38.138 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 261692 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 26.2  | 39.2   |
| 65       | 31.9  | 23.5  | 35.3   |
| 92       | 21.4  | 15.9  | 23.9   |

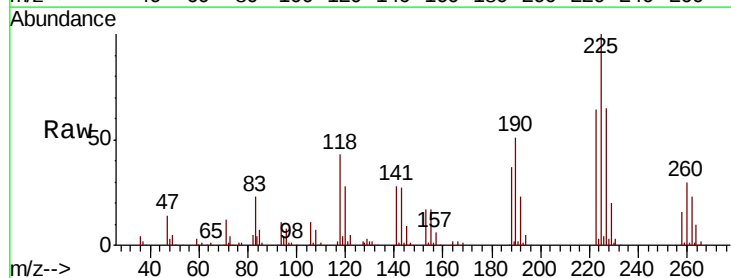


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

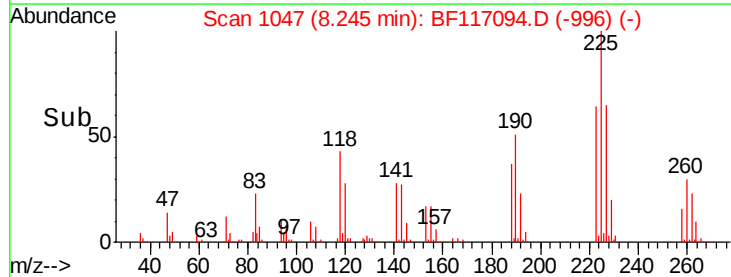
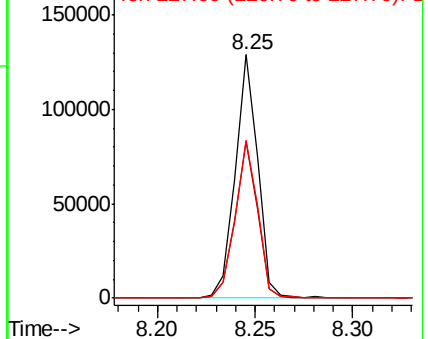


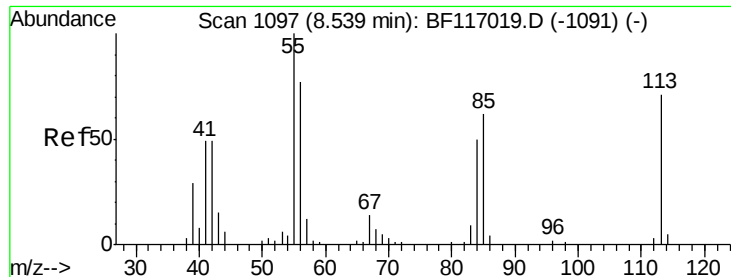
#34  
Hexachlorobutadiene  
Concen: 38.843 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 102737 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 49.1  | 73.7   |
| 227      | 64.6  | 52.2  | 78.2   |



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

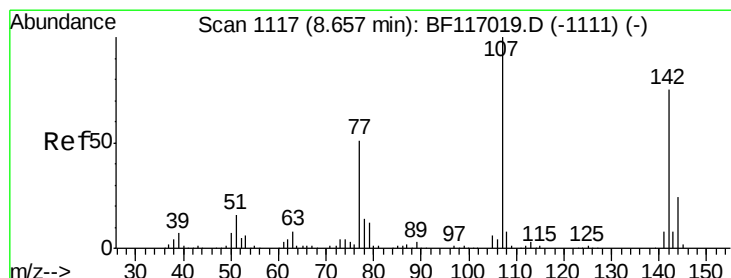
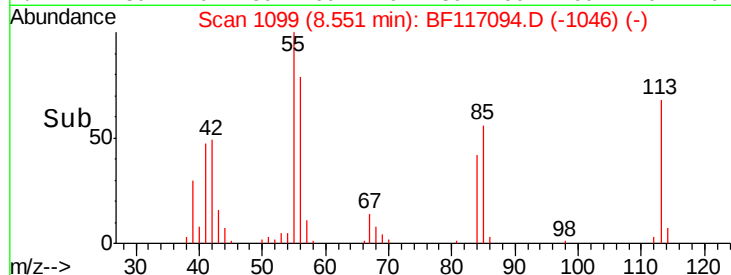
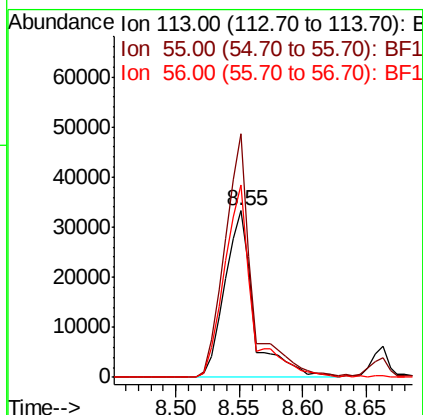
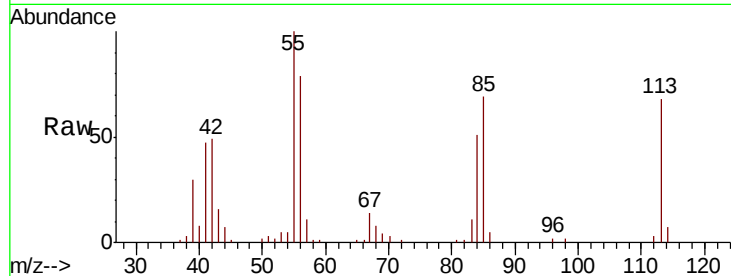




#35  
Caprolactam  
Concen: 35.916 ng  
RT: 8.55 min Scan# 1099  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

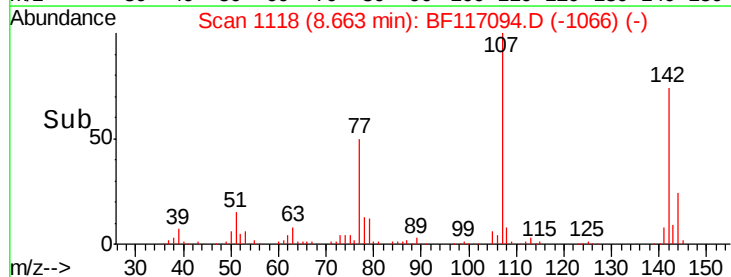
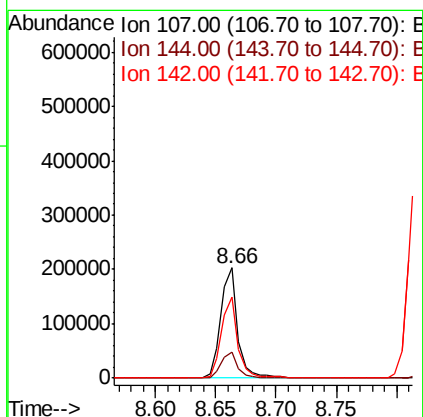
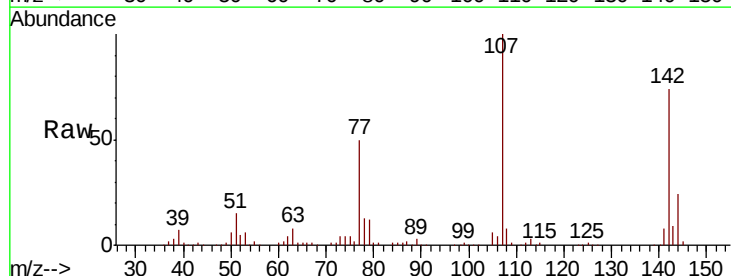
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

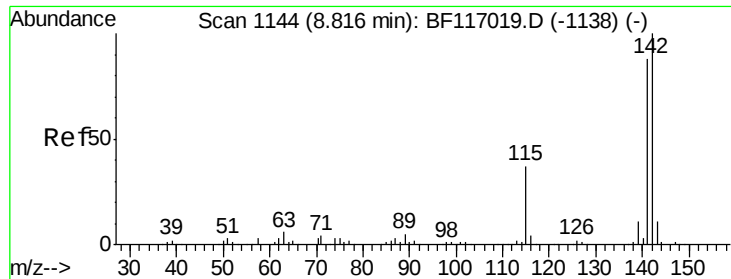
Tot Ion:113 Resp: 52457  
Ion Ratio Lower Upper  
113 100  
55 146.1 120.6 160.6  
56 115.5 88.8 128.8



#36  
4-Chloro-3-methylphenol  
Concen: 38.664 ng  
RT: 8.66 min Scan# 1118  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Tgt Ion:107 Resp: 194535  
Ion Ratio Lower Upper  
107 100  
144 23.8 19.2 28.8  
142 74.2 59.6 89.4

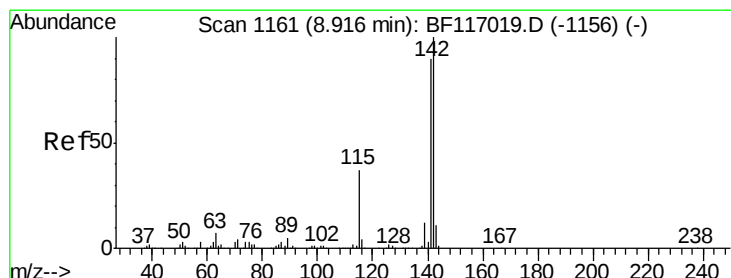
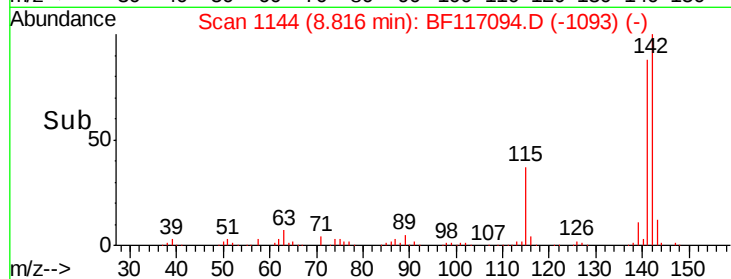
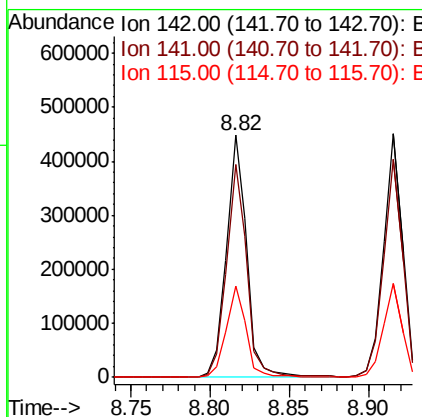
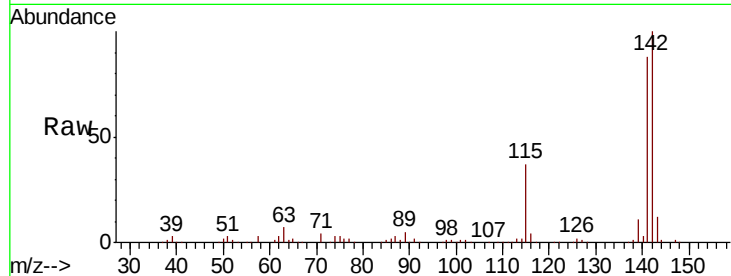




#37  
 2-Methylnaphthalene  
 Concen: 38.284 ng  
 RT: 8.82 min Scan# 1144  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

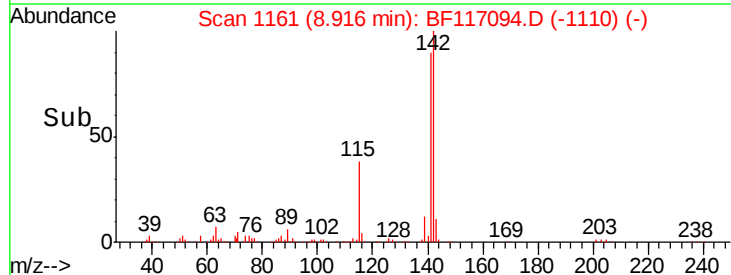
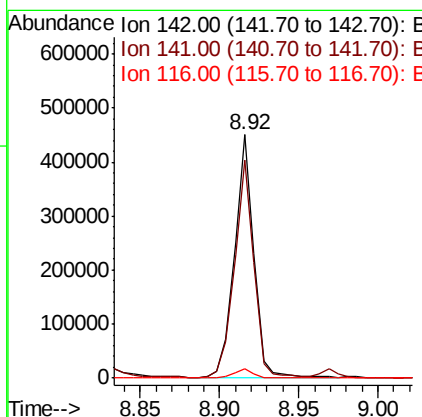
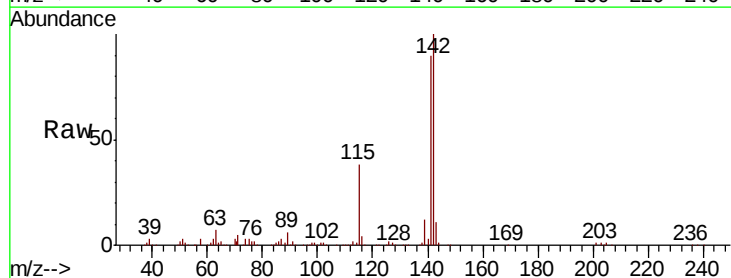
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC040

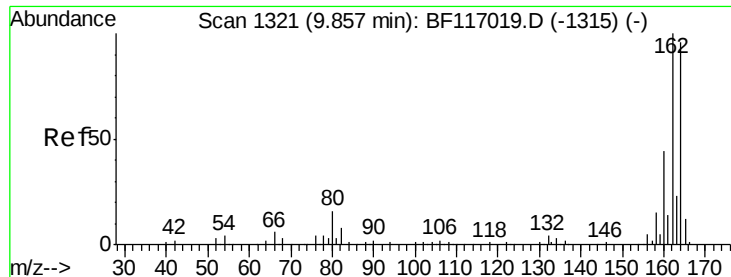
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 70.7  | 106.1 |
| 115     | 37.5  | 29.4  | 44.0  |



#38  
 1-Methylnaphthalene  
 Concen: 38.619 ng  
 RT: 8.92 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.6  | 71.9  | 107.9 |
| 116     | 3.9   | 3.2   | 4.8   |

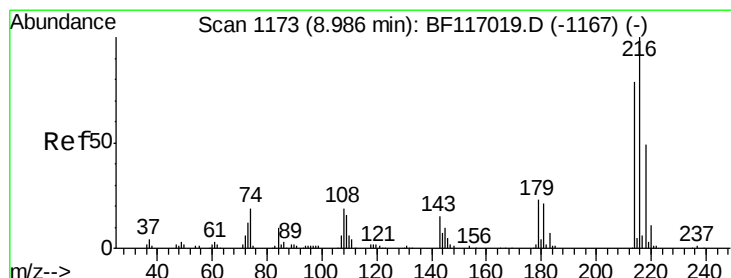
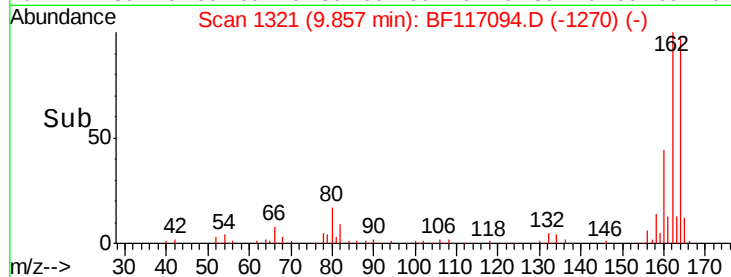
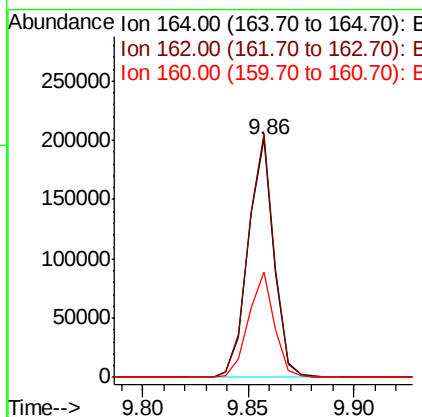
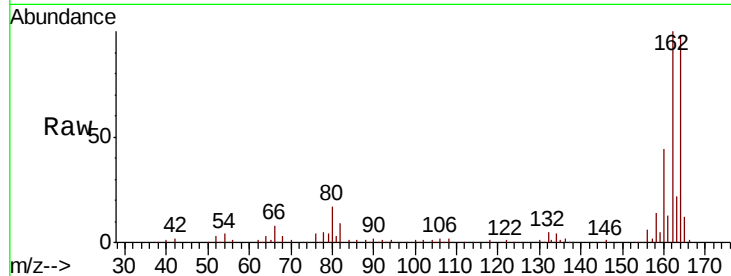




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

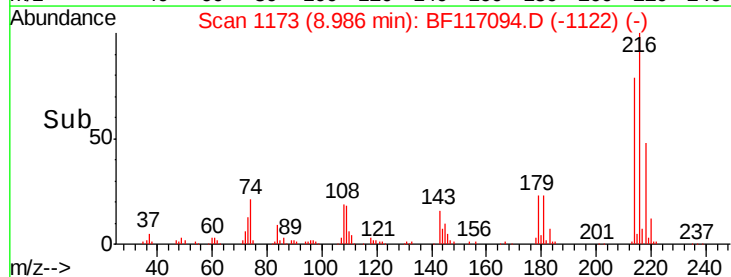
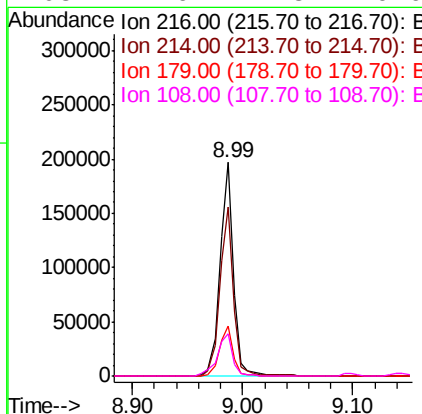
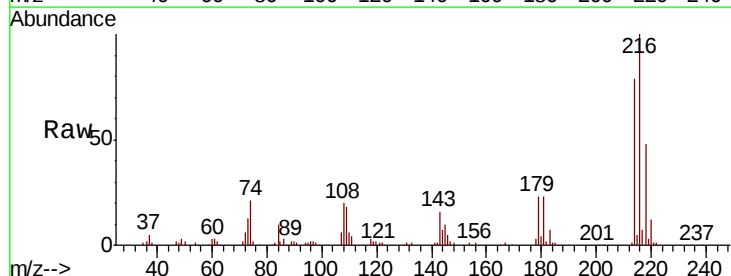
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

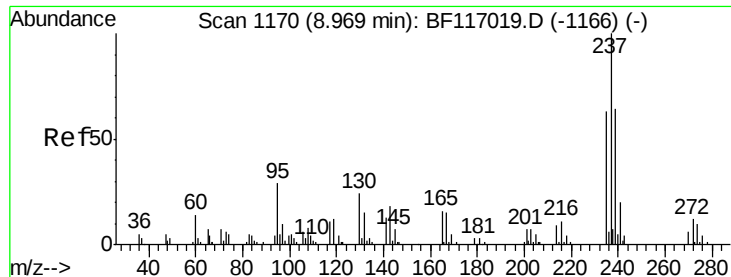
Tot Ion:164 Resp: 170143  
Ion Ratio Lower Upper  
164 100  
162 102.4 83.4 125.2  
160 44.5 36.4 54.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.825 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Tgt Ion:216 Resp: 166187  
Ion Ratio Lower Upper  
216 100  
214 79.8 63.6 95.4  
179 23.7 18.3 27.5  
108 22.6 17.8 26.6





#41

Hexachlorocyclopentadiene

Concen: 42.194 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

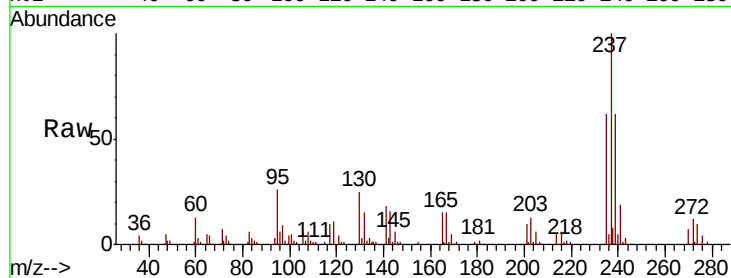
Tot Ion:237 Resp: 73958

Ion Ratio Lower Upper

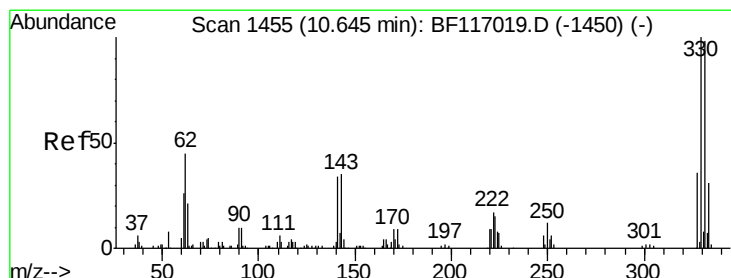
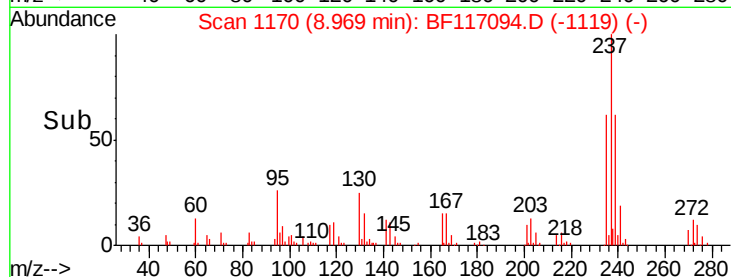
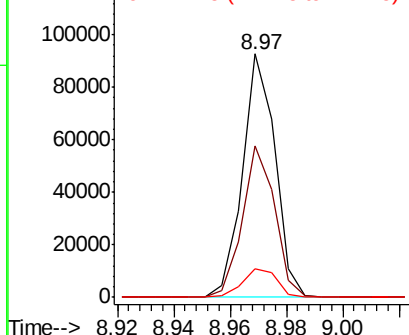
237 100

235 62.2 43.2 83.2

272 11.6 0.0 31.9



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: 80.329 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

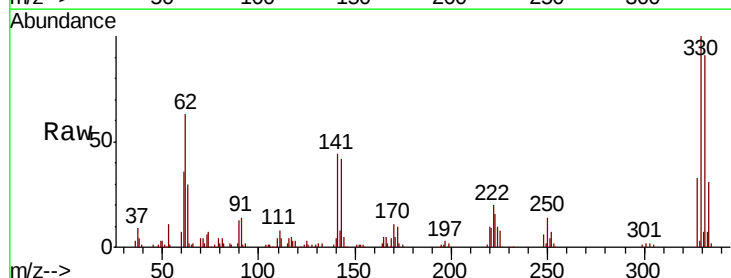
Tgt Ion:330 Resp: 114228

Ion Ratio Lower Upper

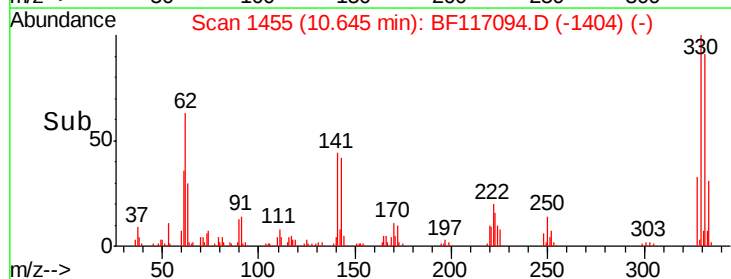
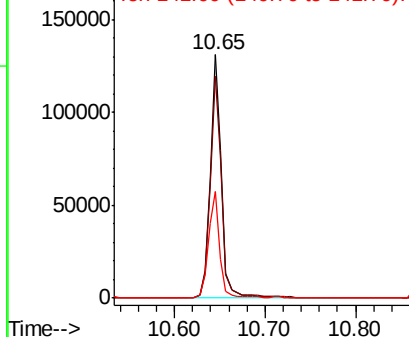
330 100

332 93.1 78.0 117.0

141 44.4 35.8 53.6



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

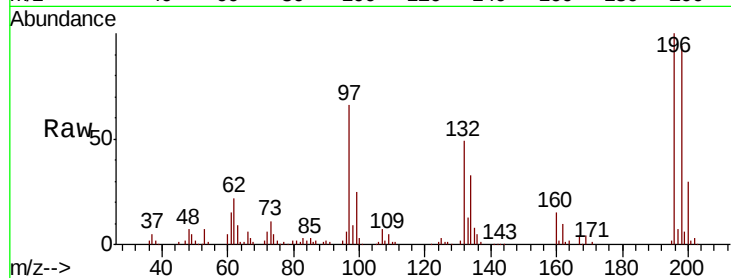




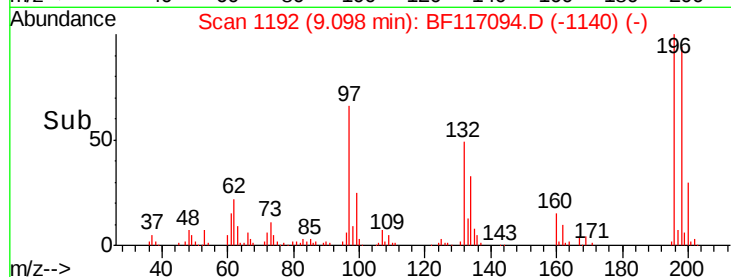
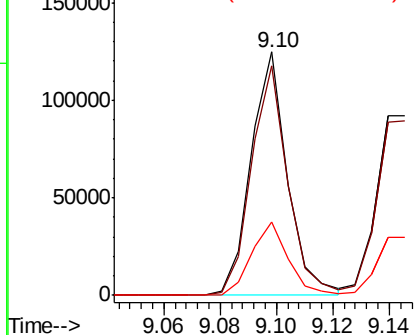
#43  
 2,4,6-Trichlorophenol  
 Concen: 37.372 ng  
 RT: 9.10 min Scan# 1192  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:196 Resp: 111427  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 75.7 113.5  
 200 30.0 23.3 34.9



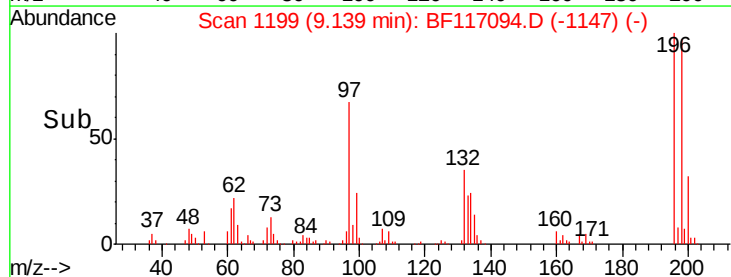
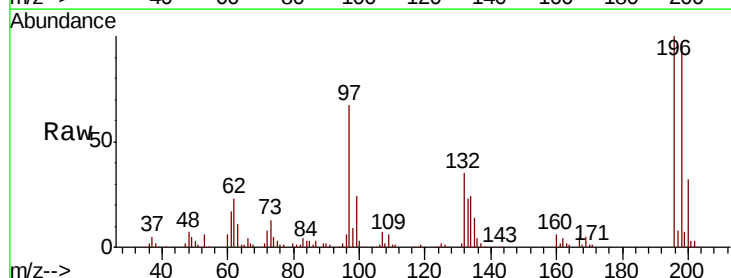
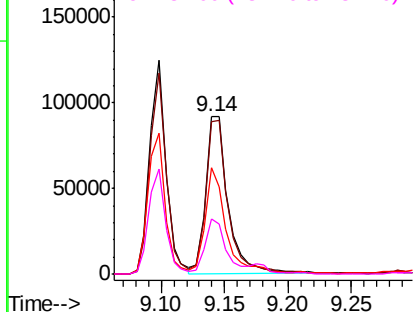
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

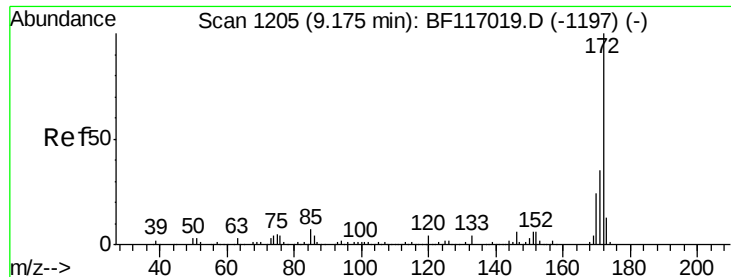


#44  
 2,4,5-Trichlorophenol  
 Concen: 35.789 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Tgt Ion:196 Resp: 114007  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 74.6 112.0  
 97 67.5 49.5 74.3  
 132 35.3 27.4 41.2

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

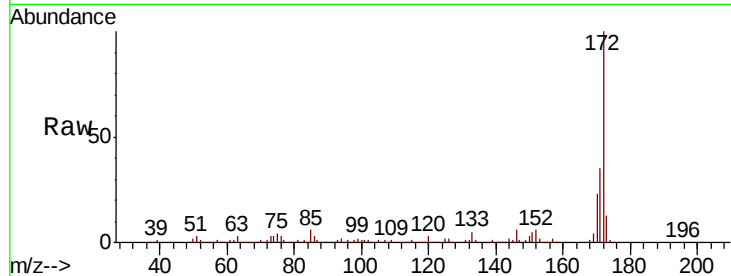




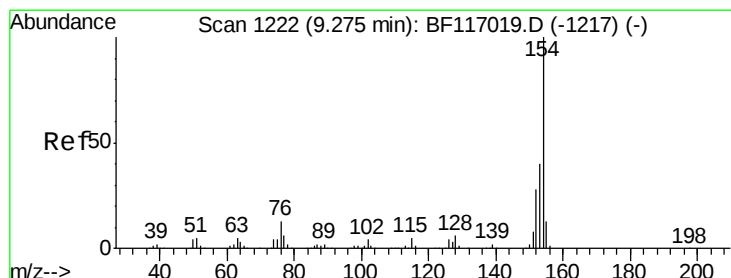
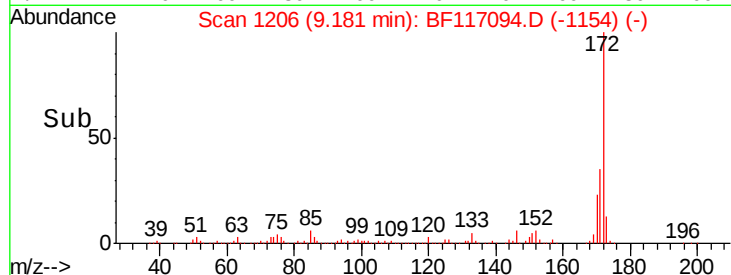
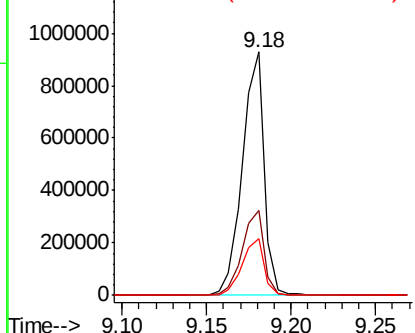
#45  
 2-Fluorobiphenyl  
 Concen: 77.162 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:172 Resp: 839654  
 Ion Ratio Lower Upper  
 172 100  
 171 34.7 28.2 42.2  
 170 23.4 18.9 28.3

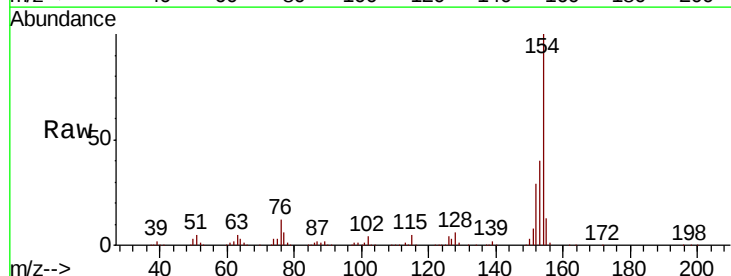


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

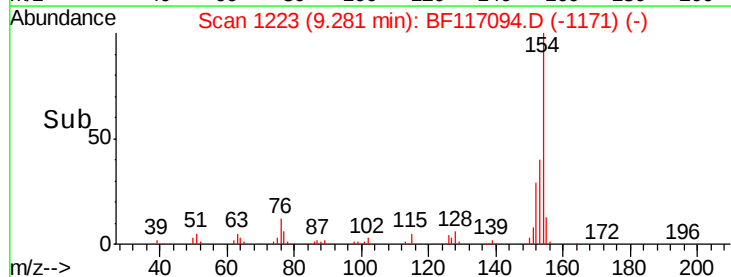
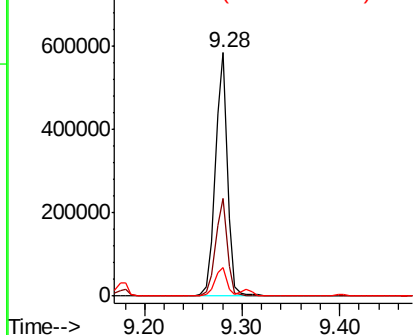


#46  
 1,1'-Biphenyl  
 Concen: 37.527 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Tgt Ion:154 Resp: 500837  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 20.0 60.0  
 76 11.7 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

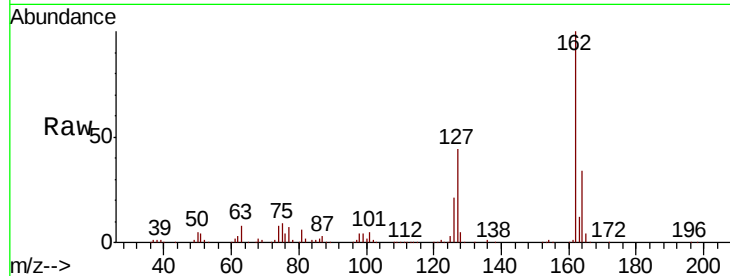




#47  
 2-Chloronaphthalene  
 Concen: 37.365 ng  
 RT: 9.30 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.0  | 34.1  | 51.1  |
| 164     | 33.6  | 25.9  | 38.9  |

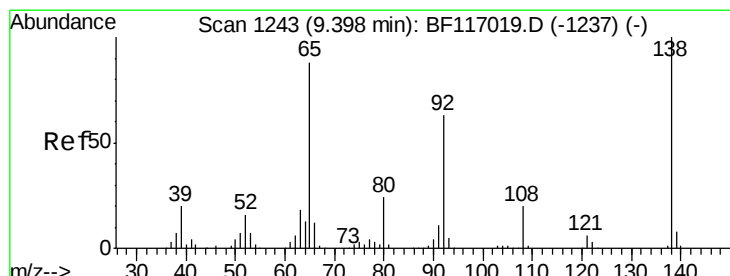
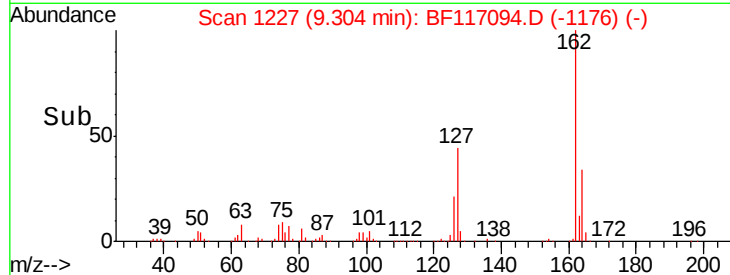
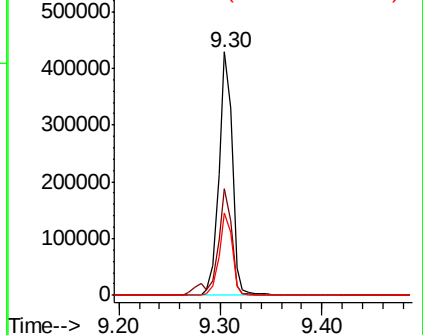


Abundance

Ion 162.00 (161.70 to 162.70): E

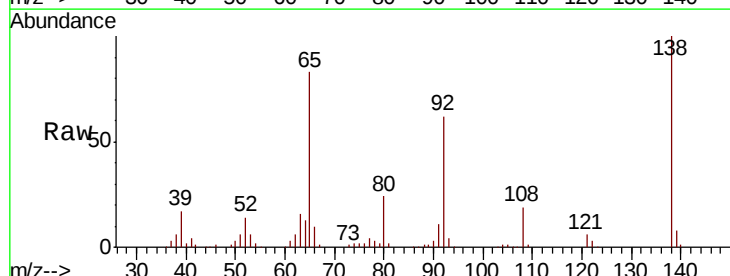
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 37.931 ng  
 RT: 9.40 min Scan# 1244  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.7  | 57.5  | 86.3  |
| 138     | 120.9 | 90.6  | 136.0 |

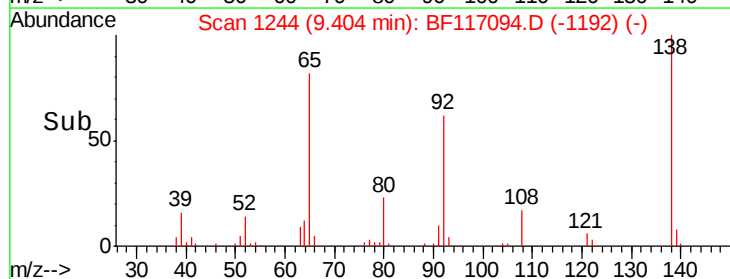
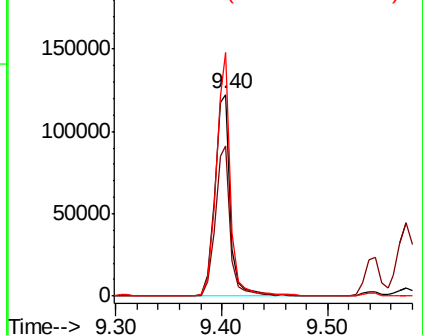


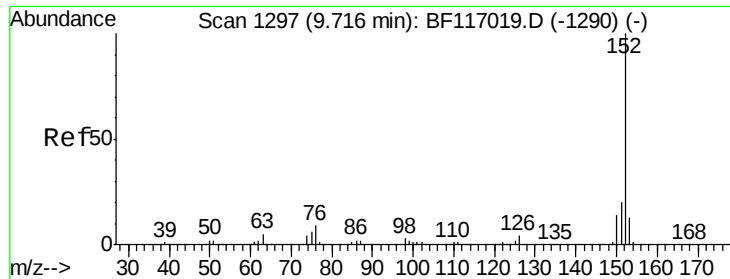
Abundance

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: 37.510 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

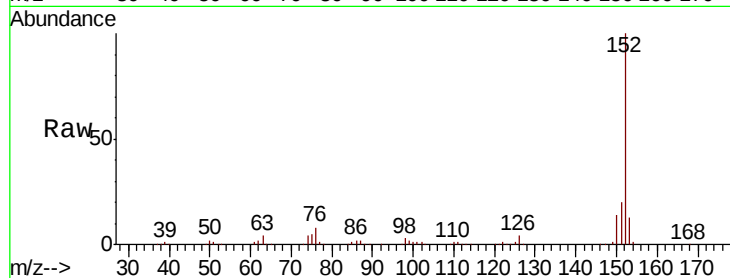
Tot Ion:152 Resp: 591855

Ion Ratio Lower Upper

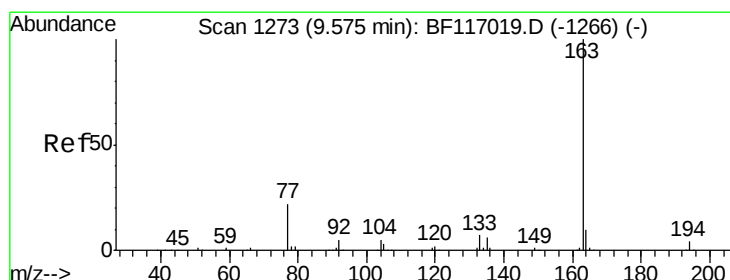
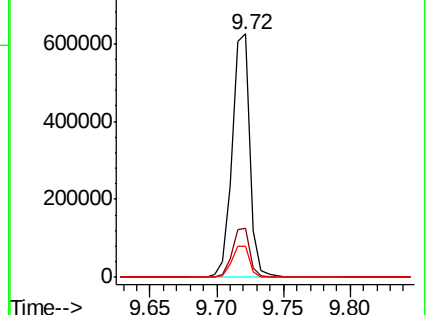
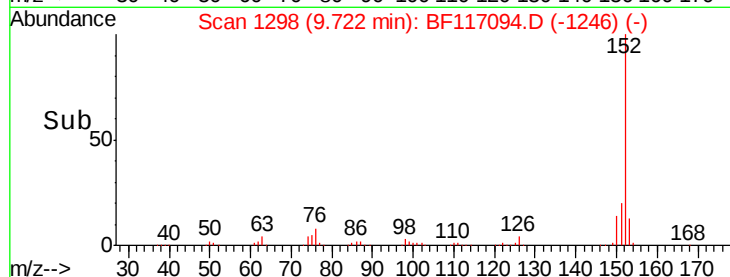
152 100

151 20.0 16.2 24.2

153 12.7 10.2 15.4



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: 38.365 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

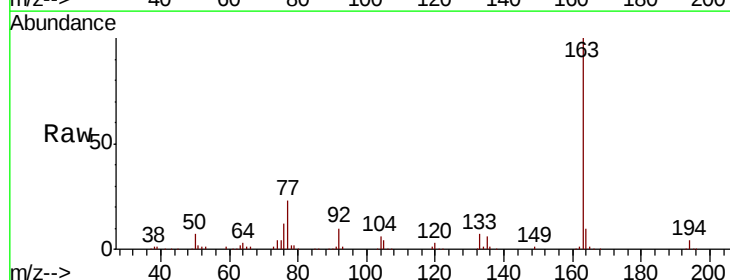
Tgt Ion:163 Resp: 462179

Ion Ratio Lower Upper

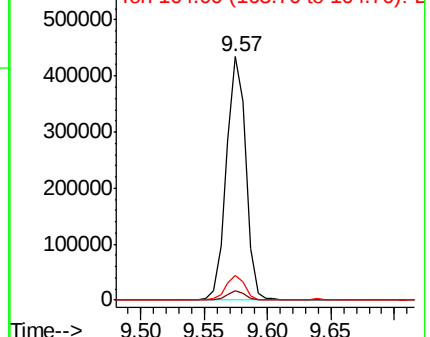
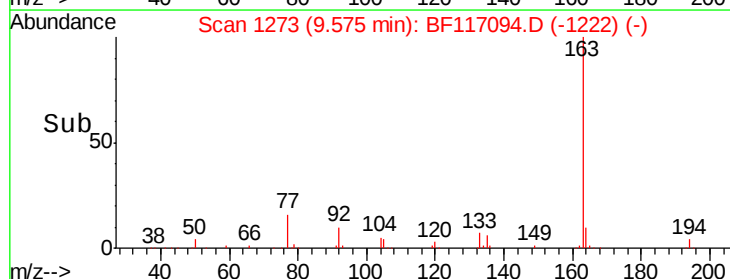
163 100

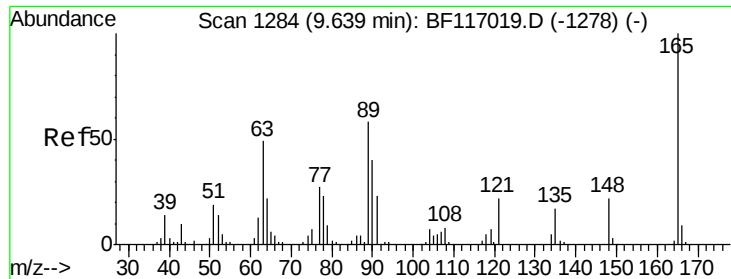
194 3.6 2.9 4.3

164 10.0 8.2 12.4



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

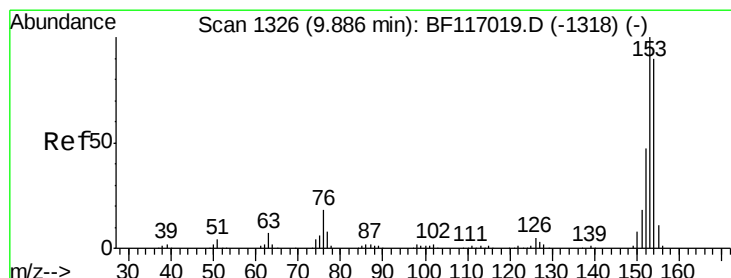
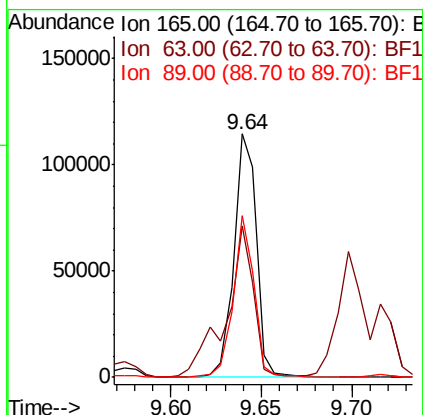
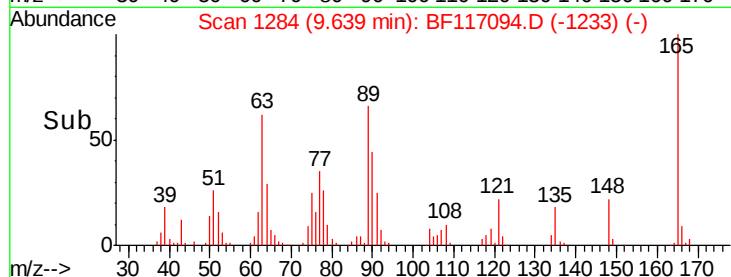
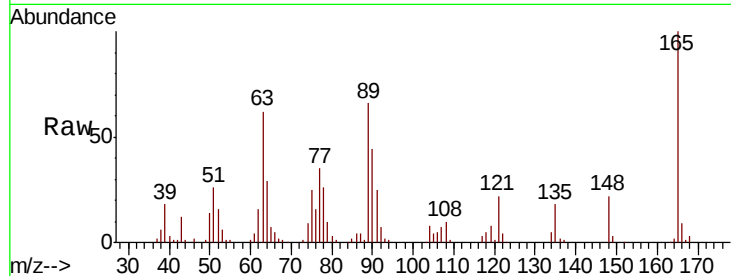




#51  
 2,6-Dinitrotoluene  
 Concen: 40.216 ng  
 RT: 9.64 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

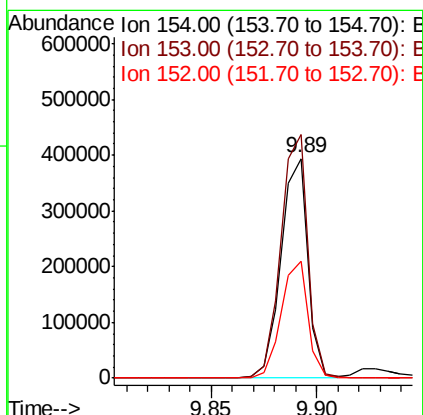
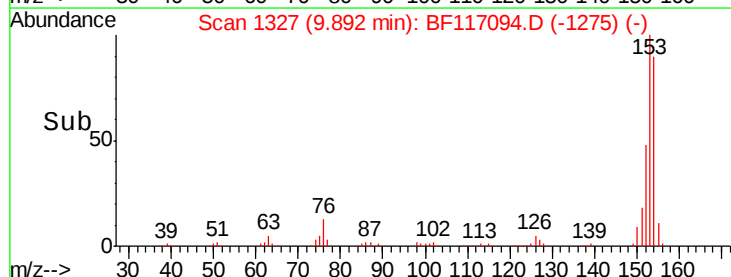
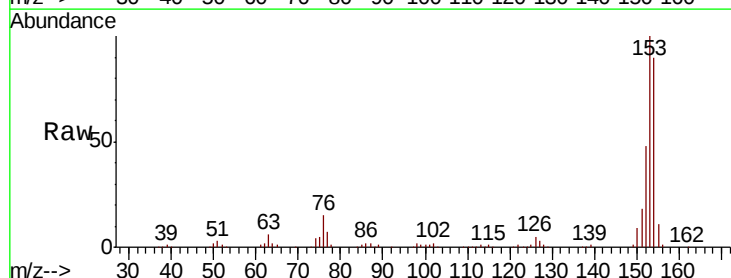
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

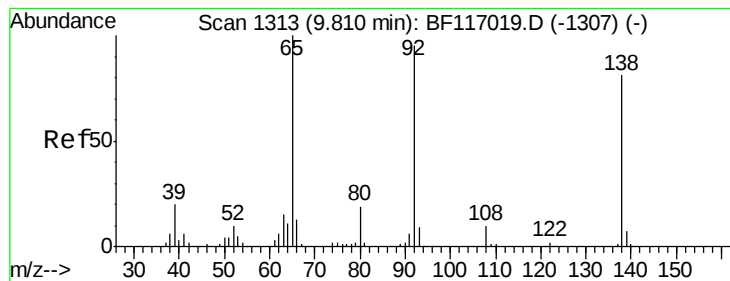
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 62.3  | 41.8  | 62.8  |
| 89      | 66.4  | 46.5  | 69.7  |



#52  
 Acenaphthene  
 Concen: 37.430 ng  
 RT: 9.89 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.0 | 89.0  | 133.6 |
| 152     | 53.3  | 41.9  | 62.9  |





#53

3-Nitroaniline

Concen: 38.046 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

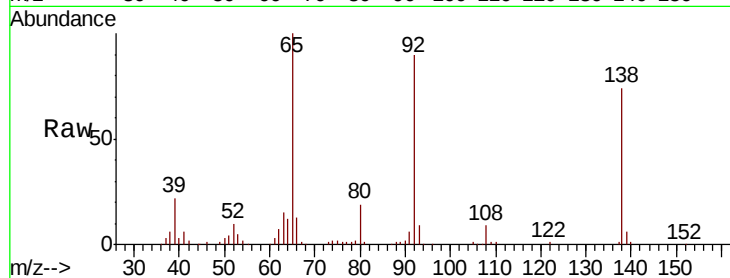
Tot Ion:138 Resp: 117779

Ion Ratio Lower Upper

138 100

108 11.6 9.5 14.3

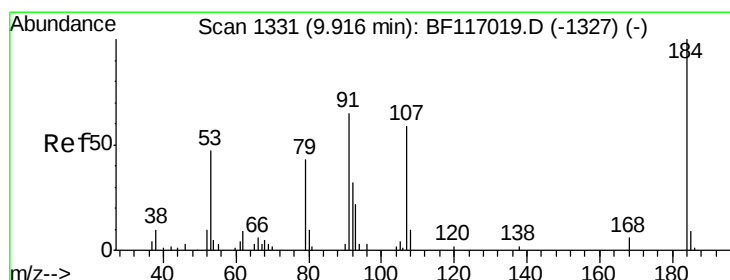
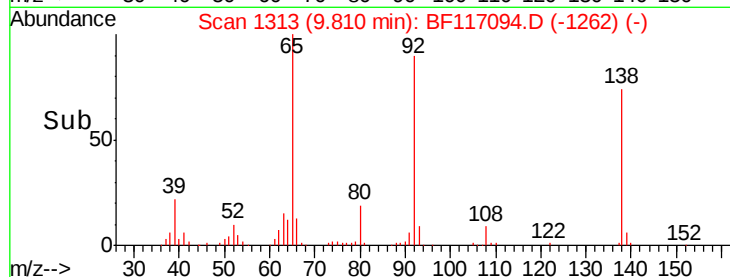
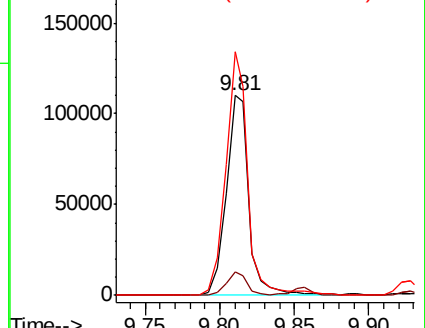
92 121.8 94.1 141.1



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: 39.103 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

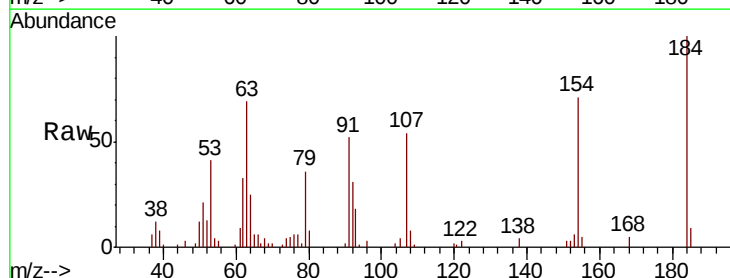
Tgt Ion:184 Resp: 35820

Ion Ratio Lower Upper

184 100

63 68.7 63.8 95.6

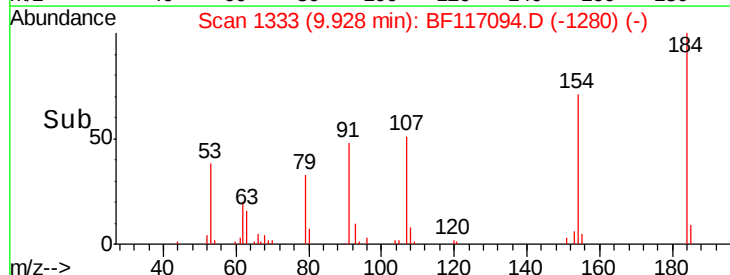
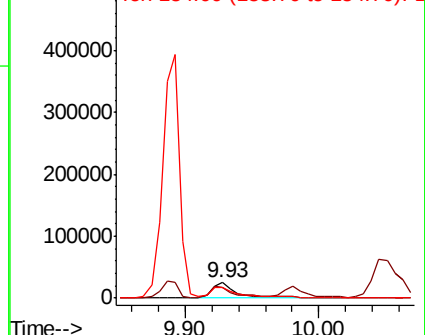
154 71.3 60.4 90.6

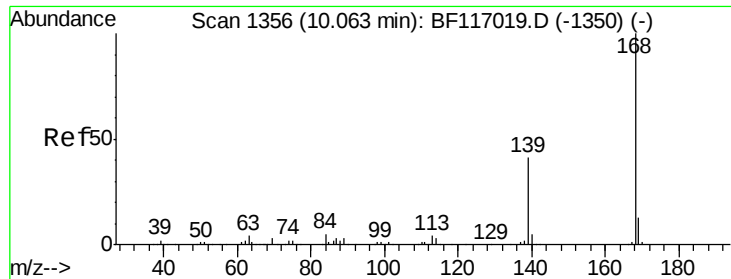


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

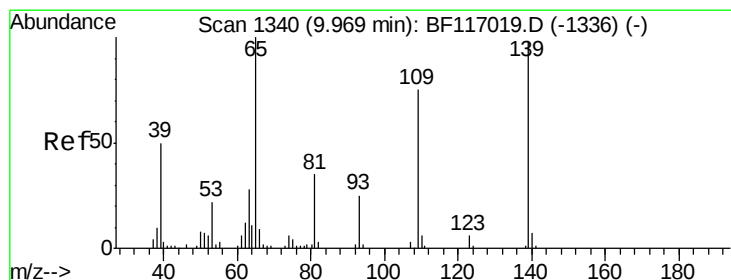
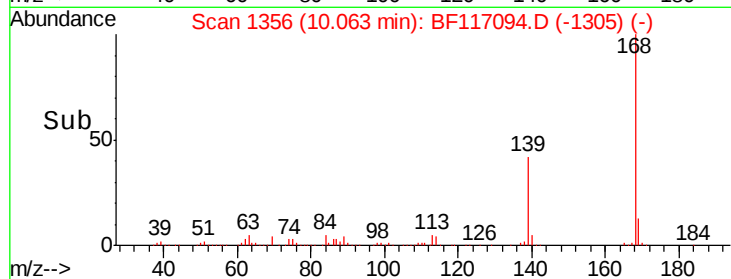
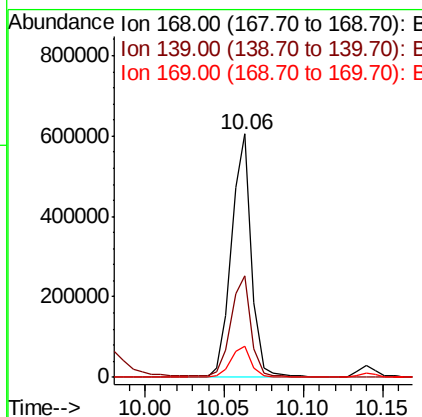
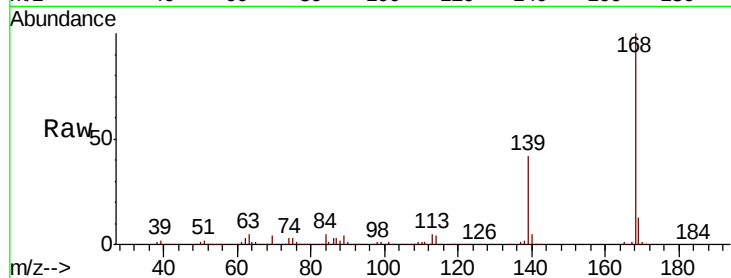




#55  
Dibenzofuran  
Concen: 38.164 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

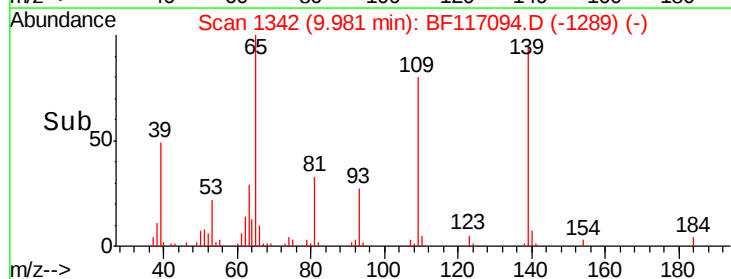
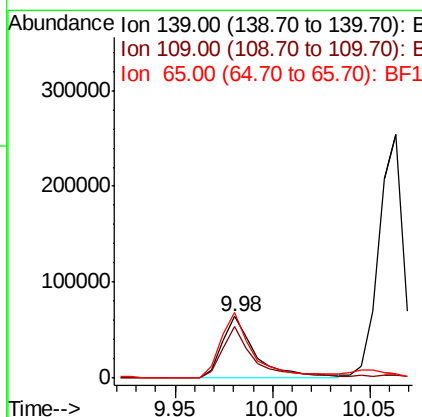
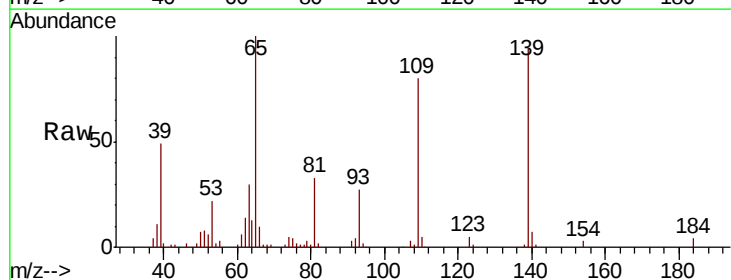
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

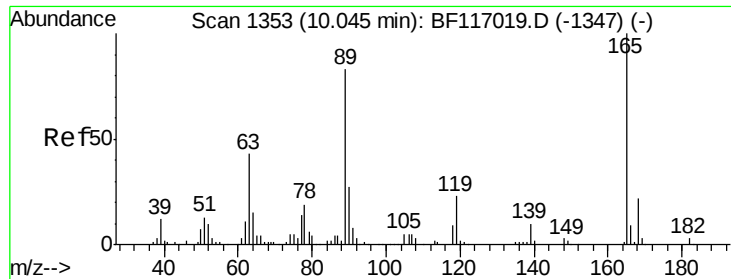
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 41.9  | 32.8  | 49.2  |
| 169     | 12.8  | 10.5  | 15.7  |



#56  
4-Nitrophenol  
Concen: 38.505 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 84.6  | 56.4  | 96.4  |
| 65      | 106.3 | 82.5  | 122.5 |

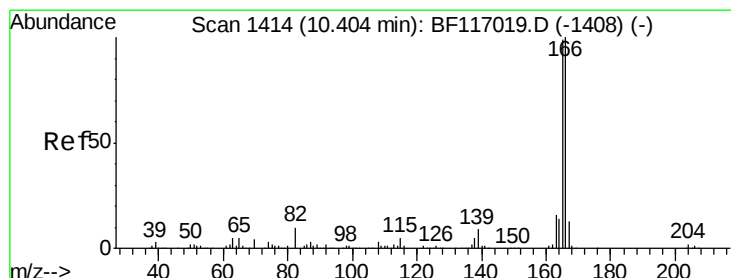
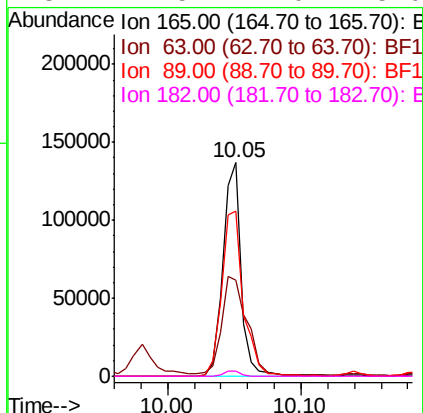
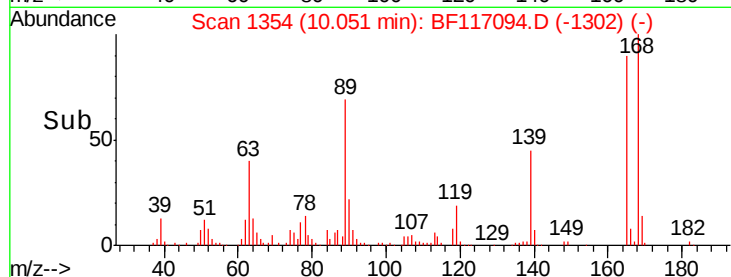
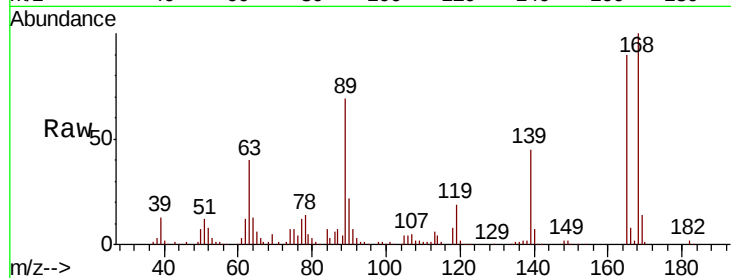




#57  
 2,4-Dinitrotoluene  
 Concen: 41.394 ng  
 RT: 10.05 min Scan# 1354  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

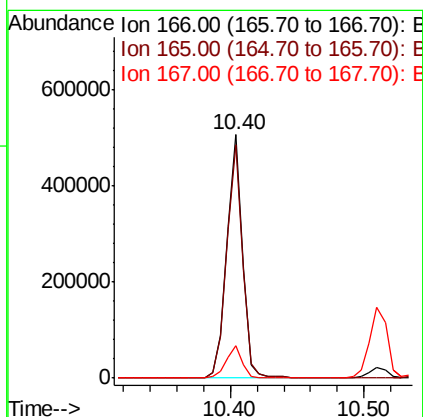
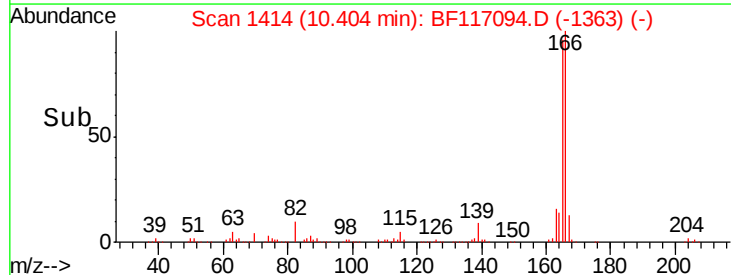
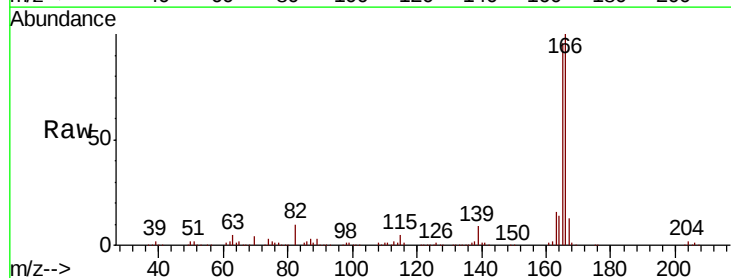
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

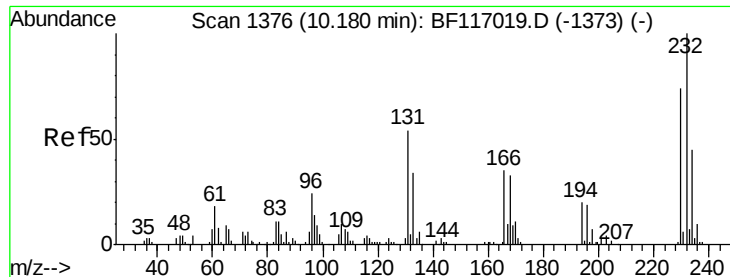
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 165     | 100  |       |       |       |
| 63      | 45.0 | 35.0  | 52.4  |       |
| 89      | 77.4 | 66.1  | 99.1  |       |
| 182     | 2.5  | 2.0   | 3.0   |       |



#58  
 Fluorene  
 Concen: 38.220 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 166     | 100  |       |       |       |
| 165     | 95.6 | 78.9  | 118.3 |       |
| 167     | 13.3 | 10.6  | 15.8  |       |





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.513 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 93884

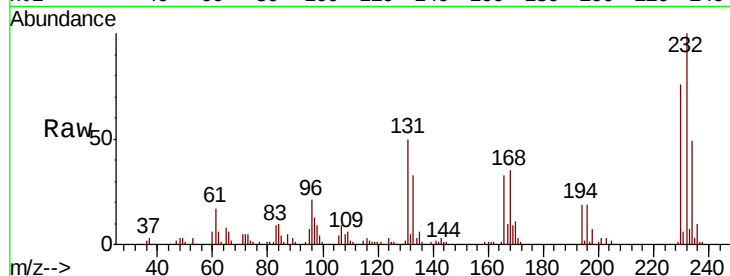
Ion Ratio Lower Upper

232 100

131 57.8 45.3 67.9

130 2.2 1.8 2.8

166 36.3 29.4 44.2

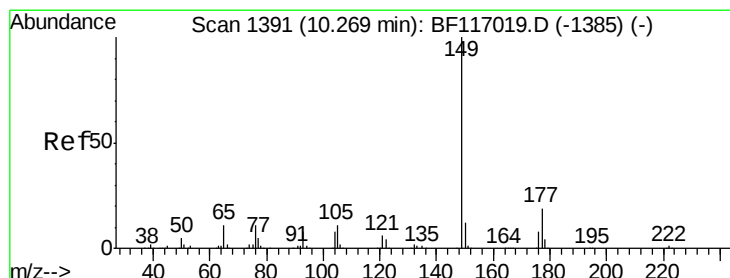
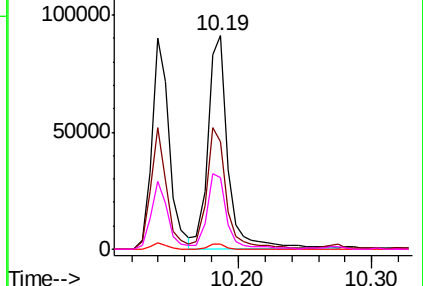
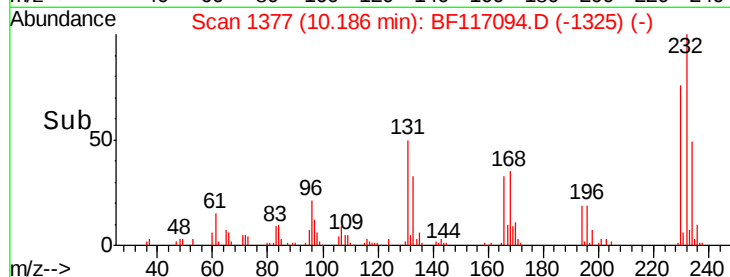


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.386 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

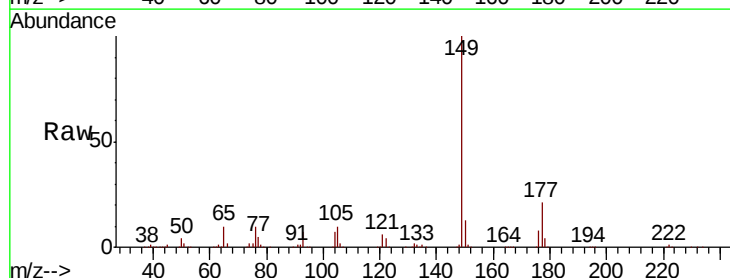
Tgt Ion:149 Resp: 466807

Ion Ratio Lower Upper

149 100

177 20.7 15.2 22.8

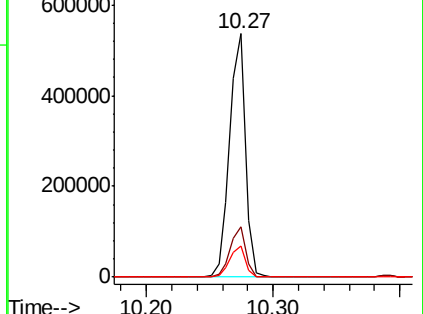
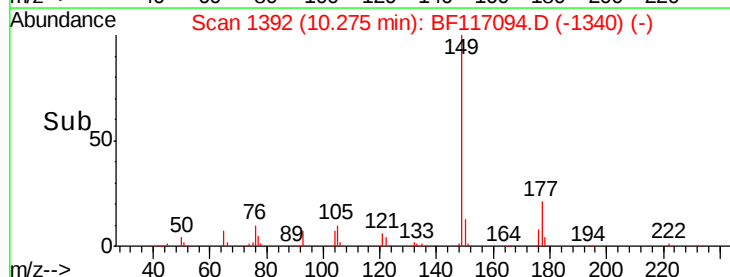
150 12.8 9.9 14.9

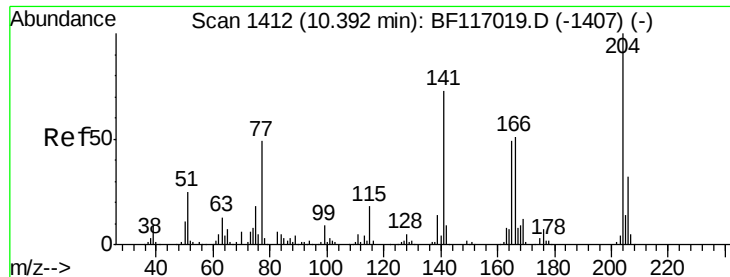


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

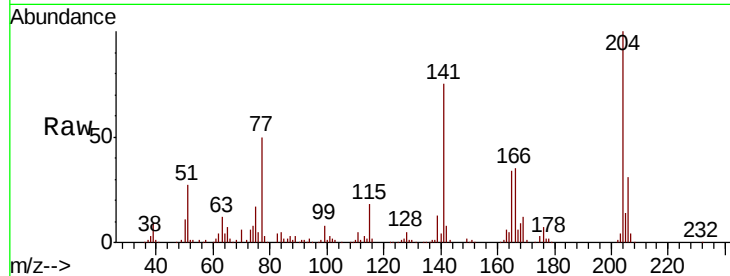




#61  
4-Chlorophenyl-phenylether  
Concen: 40.162 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.1  | 26.0  | 39.0  |
| 141     | 75.0  | 58.2  | 87.2  |

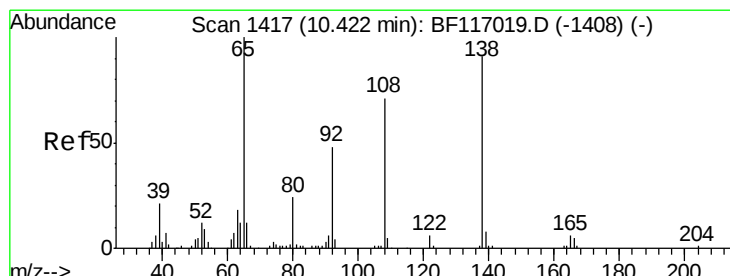
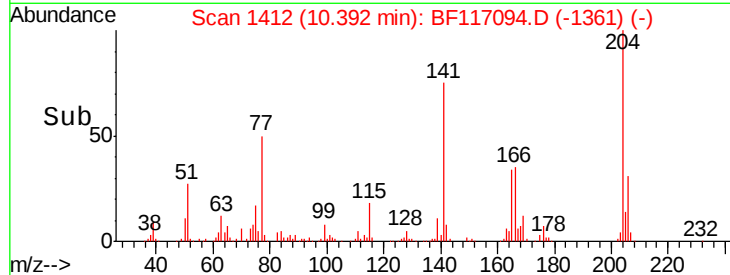
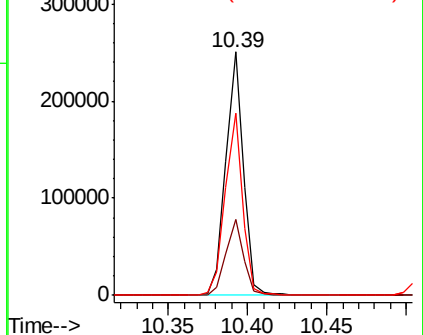


Abundance

Ion 204.00 (203.70 to 204.70): E

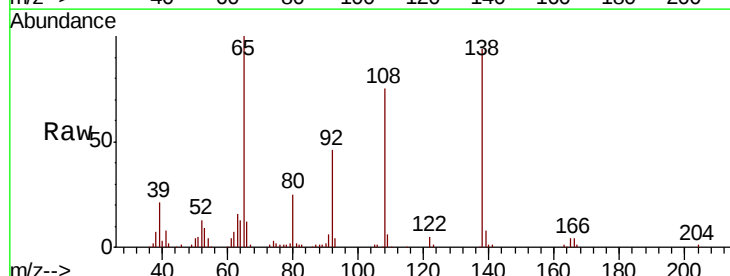
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 37.838 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.3  | 32.9  | 72.9  |
| 108     | 79.4  | 58.3  | 98.3  |

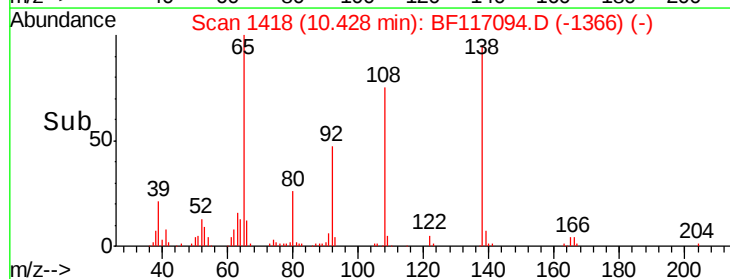
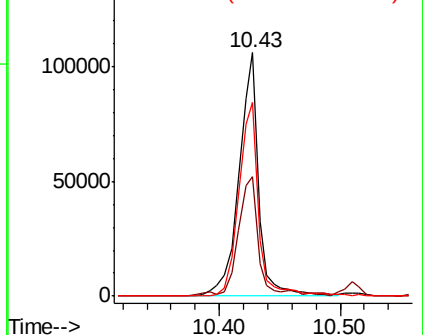


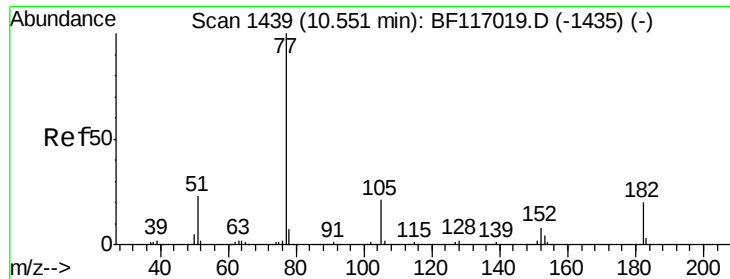
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.581 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 467021

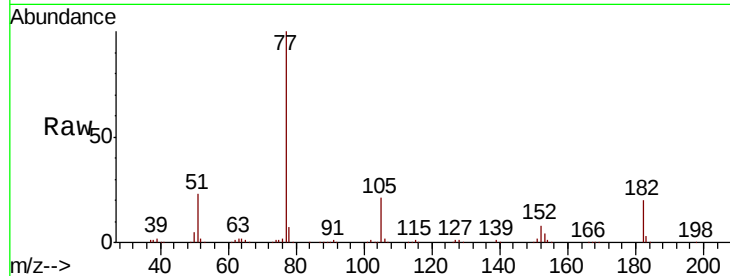
Ion Ratio Lower Upper

77 100

182 20.4 0.4 40.4

105 21.0 0.9 40.9

51 23.3 2.8 42.8

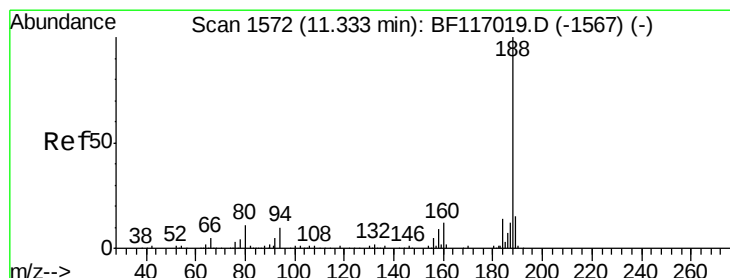
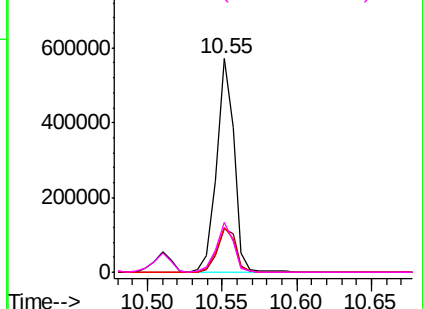
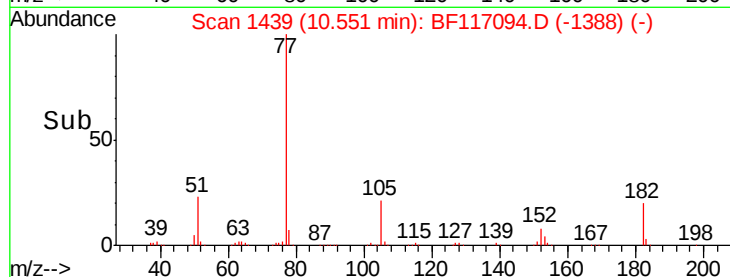


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

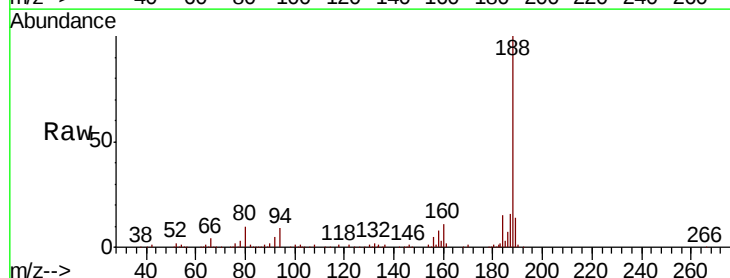
Tgt Ion: 188 Resp: 279685

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

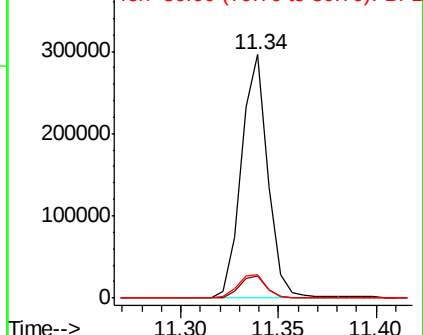
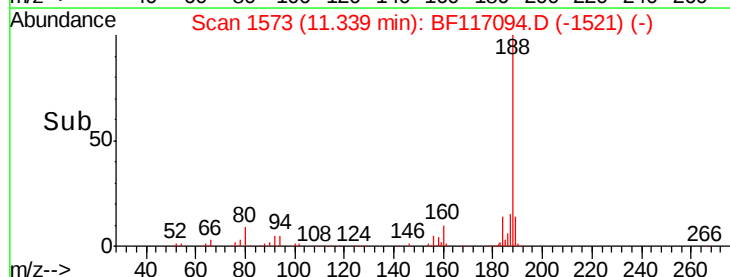
80 9.9 9.0 13.6



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

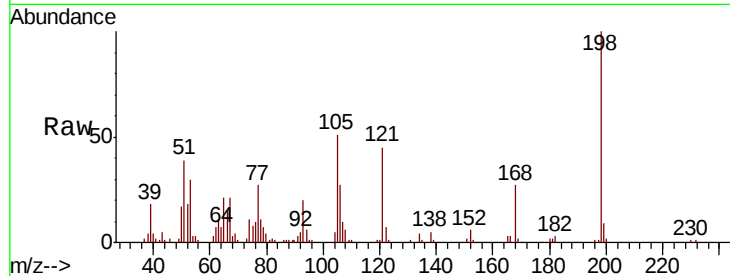




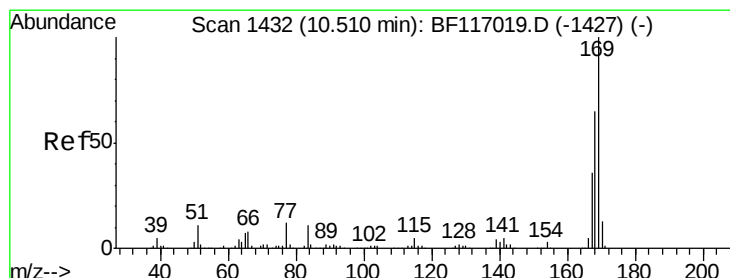
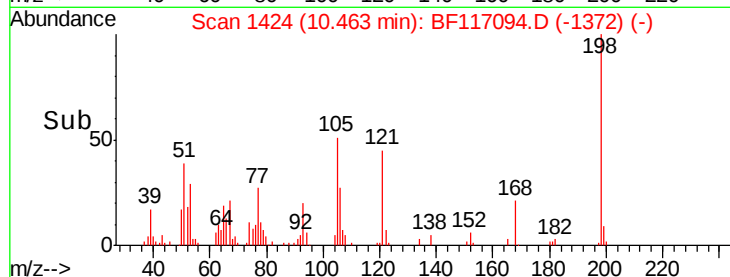
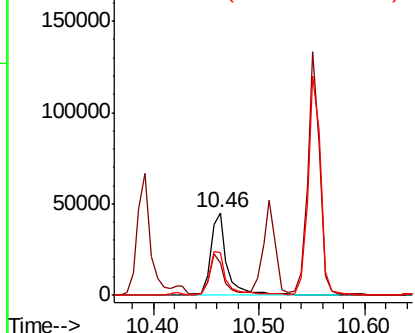
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.798 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:198 Resp: 48962  
Ion Ratio Lower Upper  
198 100  
51 39.4 18.7 58.7  
105 51.1 30.2 70.2

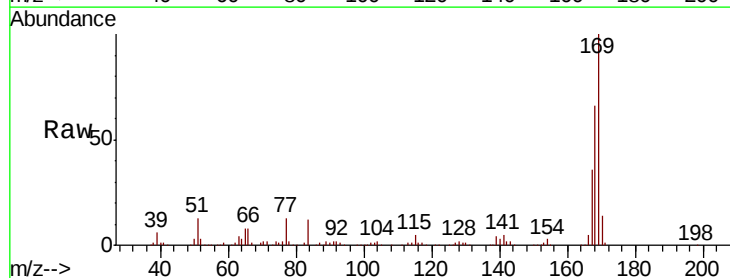


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

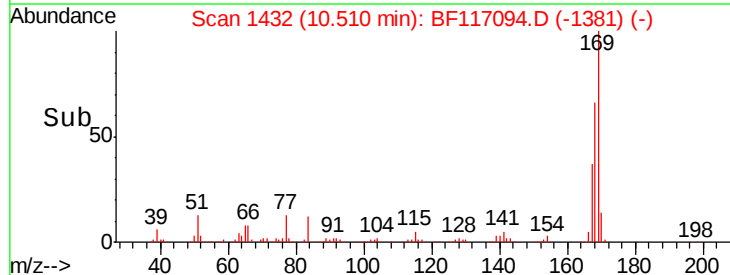
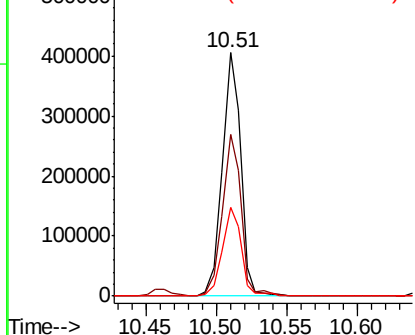


#66  
n-Nitrosodiphenylamine  
Concen: 38.246 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Tgt Ion:169 Resp: 369422  
Ion Ratio Lower Upper  
169 100  
168 66.4 52.2 78.2  
167 36.5 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

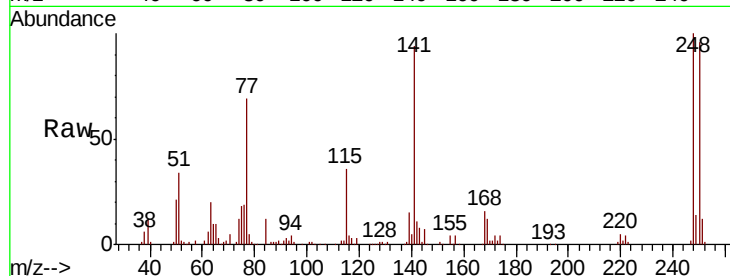




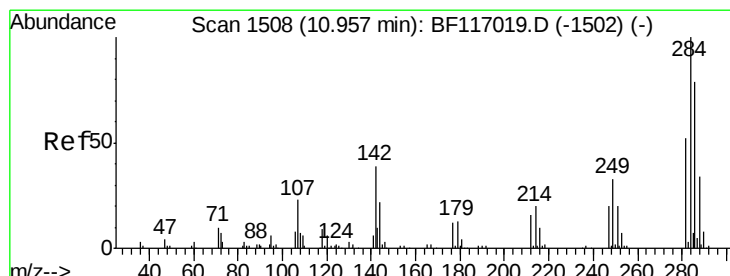
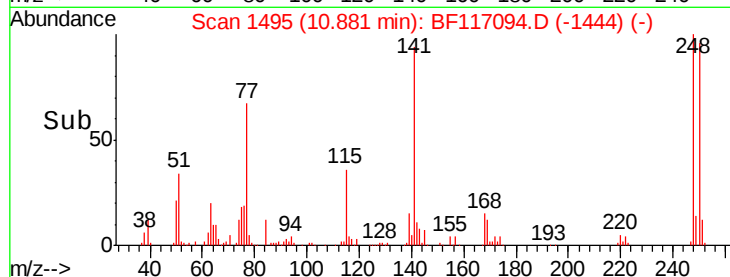
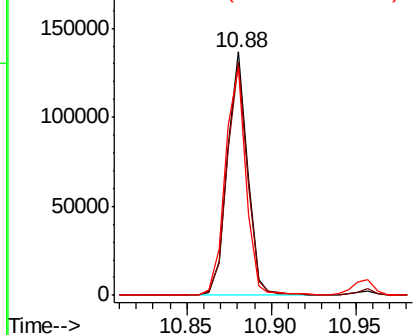
#67  
4-Bromophenyl-phenylether  
Concen: 39.723 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:248 Resp: 113460  
Ion Ratio Lower Upper  
248 100  
250 95.8 76.2 114.4  
141 93.8 75.0 112.4

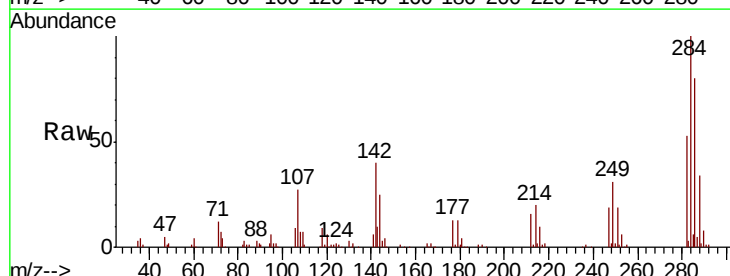


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

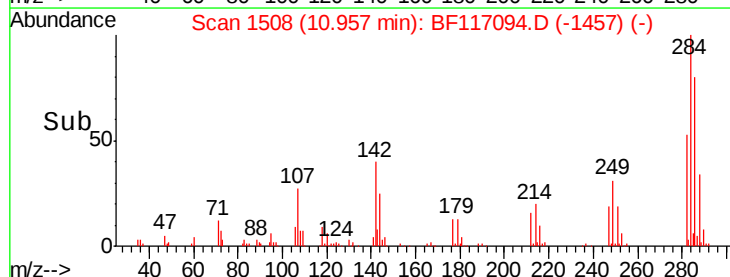
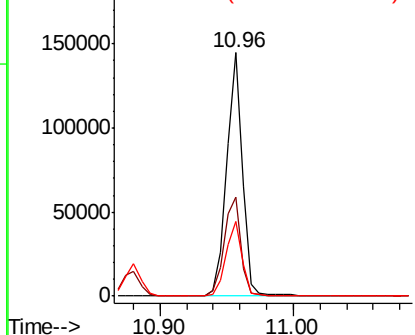


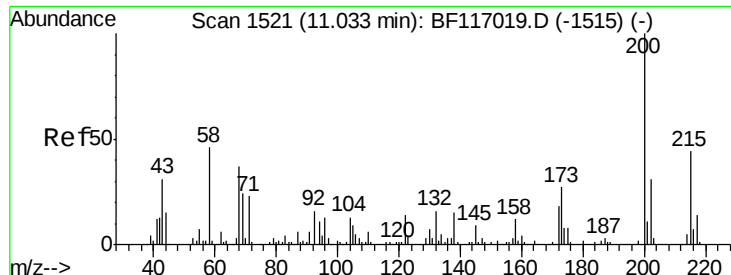
#68  
Hexachlorobenzene  
Concen: 39.032 ng  
RT: 10.96 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Tgt Ion:284 Resp: 121938  
Ion Ratio Lower Upper  
284 100  
142 40.4 31.4 47.2  
249 30.8 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

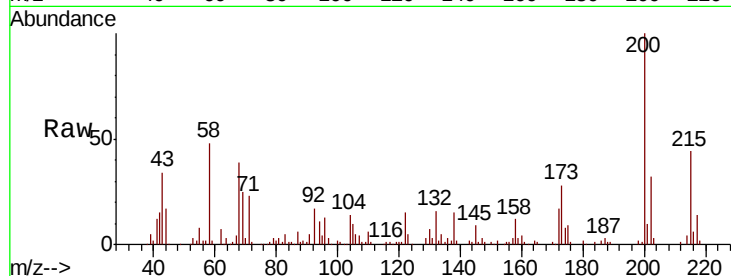




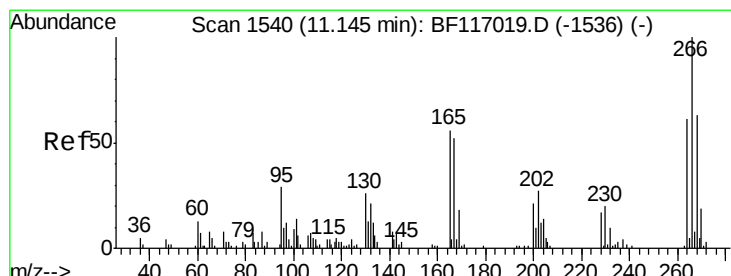
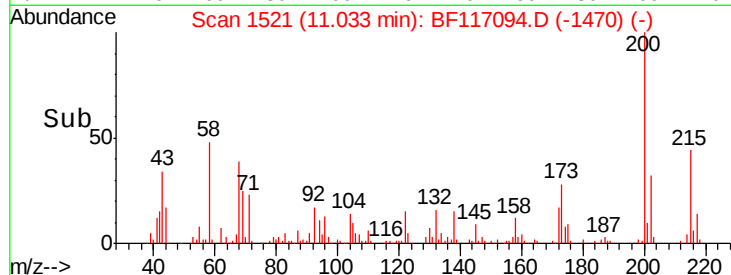
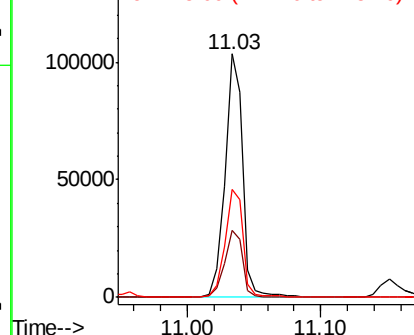
#69  
 Atrazine  
 Concen: 38.639 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.5  | 6.9   | 46.9  |
| 215     | 44.3  | 23.8  | 63.8  |

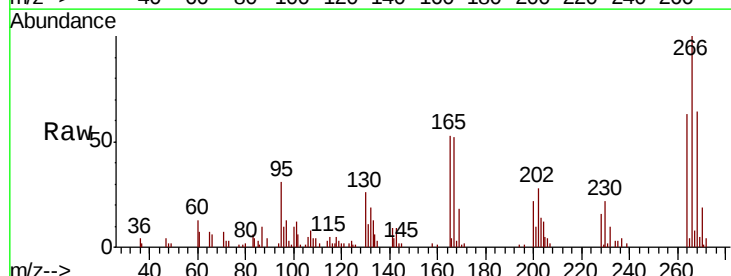


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

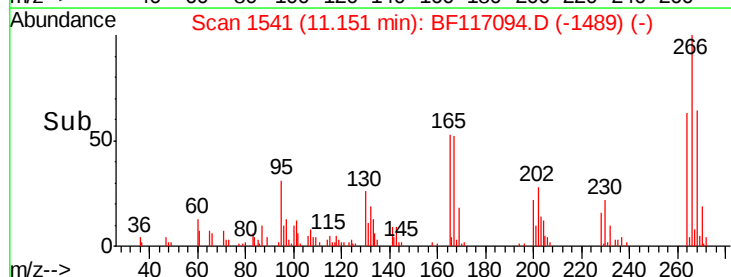
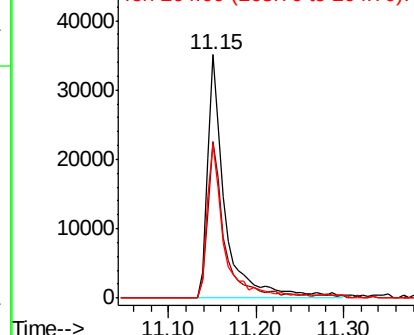


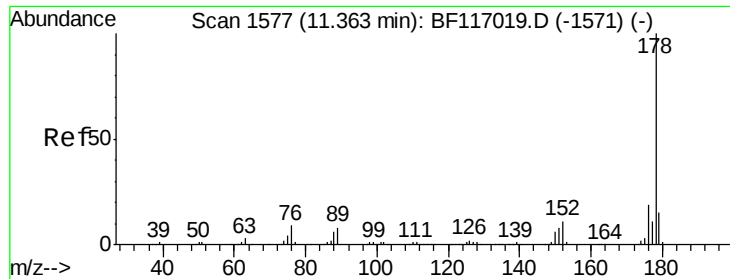
#70  
 Pentachlorophenol  
 Concen: 33.518 ng  
 RT: 11.15 min Scan# 1541  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.5  | 50.5  | 75.7  |
| 264     | 63.2  | 48.8  | 73.2  |



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

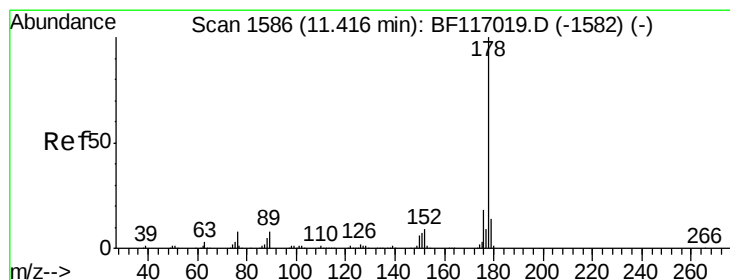
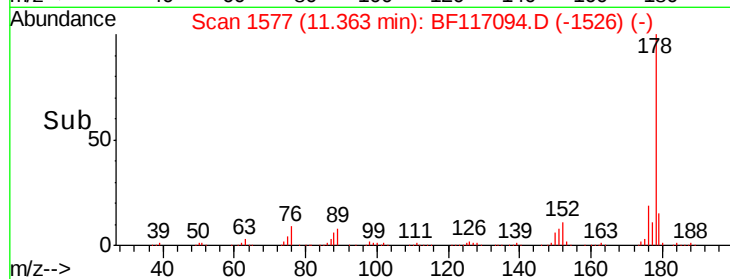
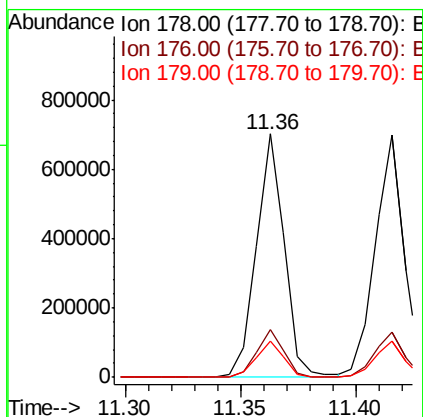
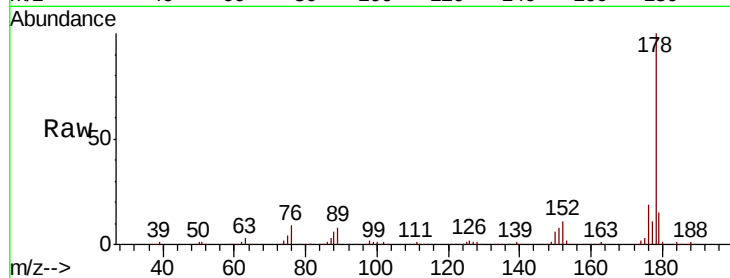




#71  
Phenanthrene  
Concen: 37.376 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

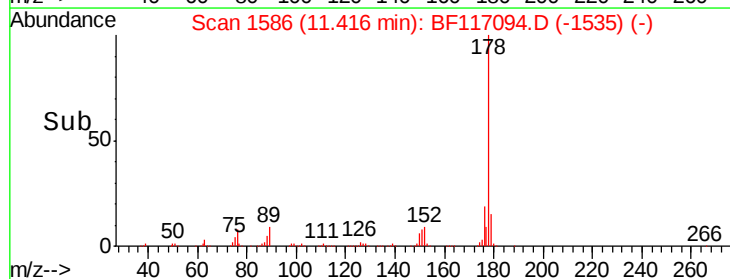
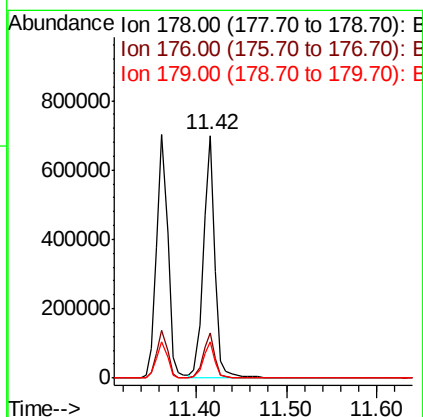
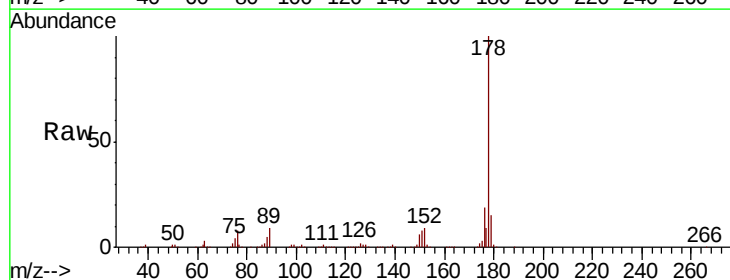
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

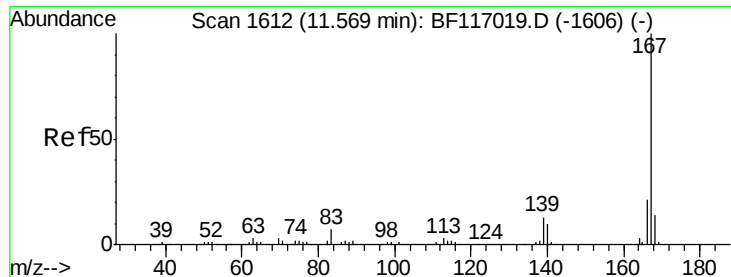
Tot Ion:178 Resp: 593762  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.1 12.4 18.6



#72  
Anthracene  
Concen: 38.690 ng  
RT: 11.42 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Tgt Ion:178 Resp: 627487  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.6 21.8  
179 15.0 11.6 17.4

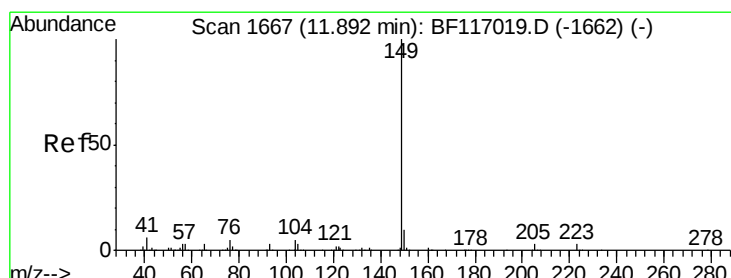
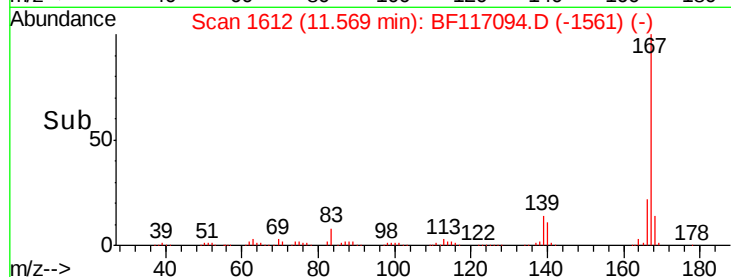
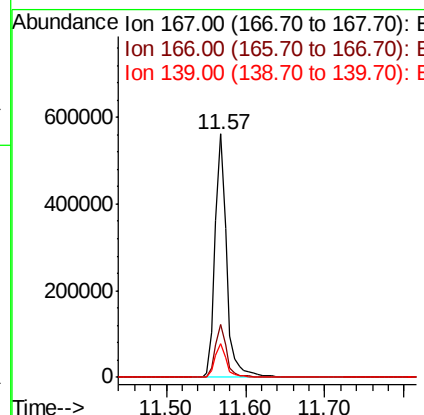
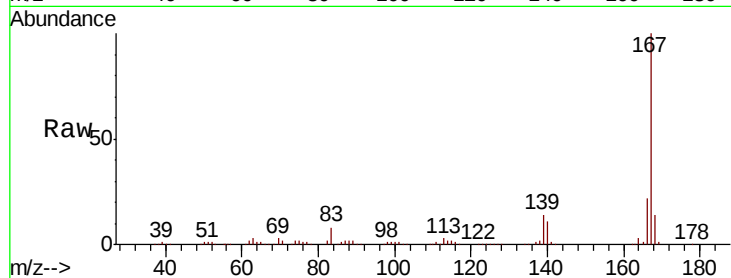




#73  
 Carbazole  
 Concen: 37.143 ng  
 RT: 11.57 min Scan# 1612  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

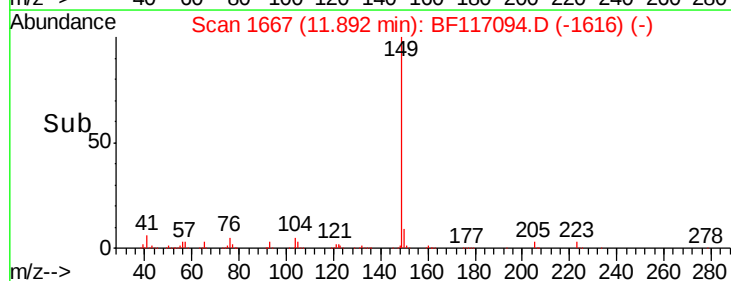
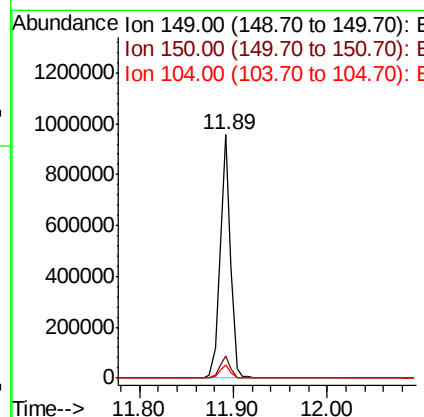
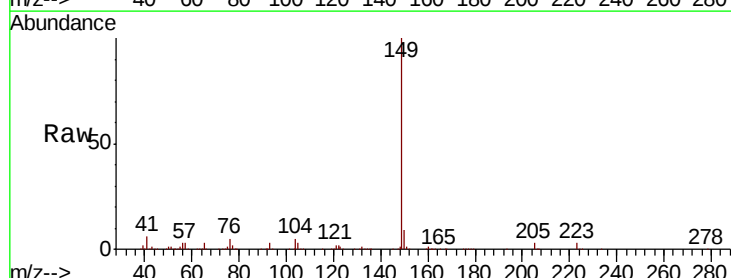
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

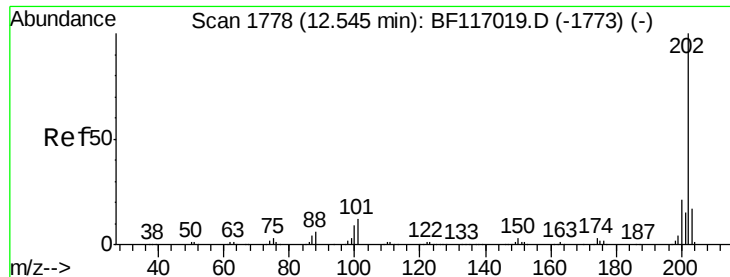
Tot Ion:167 Resp: 571805  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.2 25.8  
 139 13.8 10.6 16.0



#74  
 Di-n-butylphthalate  
 Concen: 40.999 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Tgt Ion:149 Resp: 750940  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.7 11.5  
 104 5.3 4.2 6.4

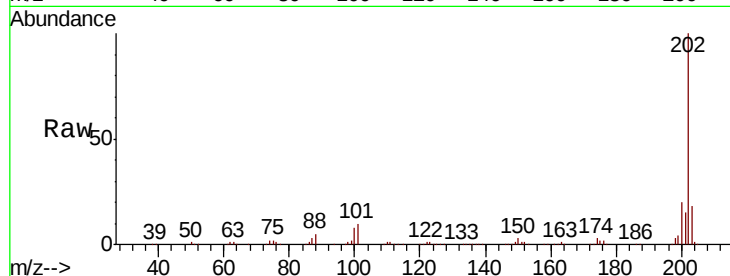




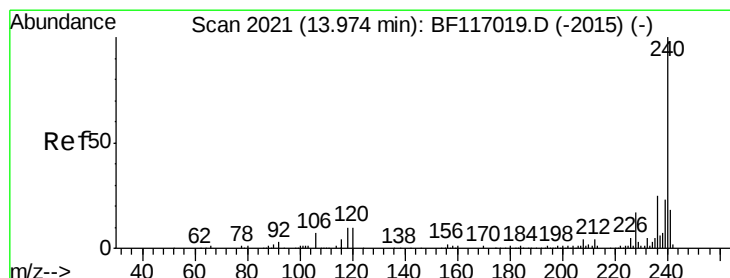
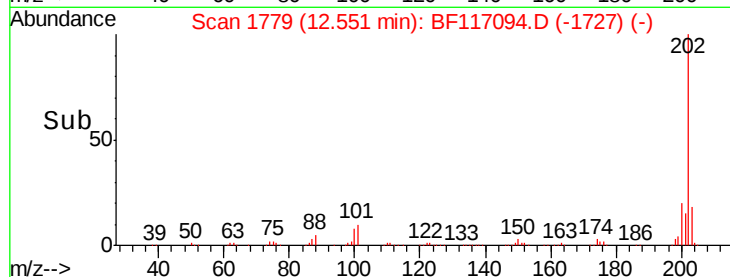
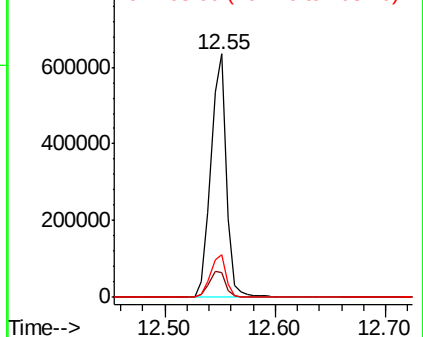
#75  
 Fluoranthene  
 Concen: 37.200 ng  
 RT: 12.55 min Scan# 1779  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.3  | 0.0   | 32.3  |
| 203     | 17.7  | 0.0   | 37.1  |

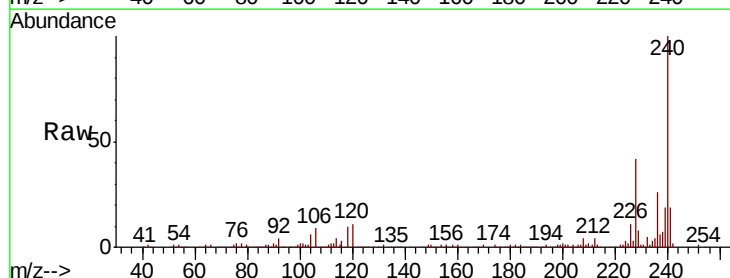


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

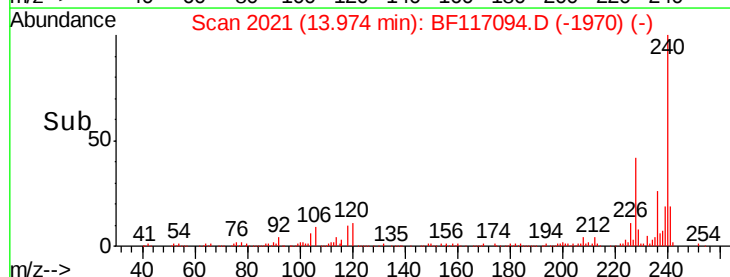
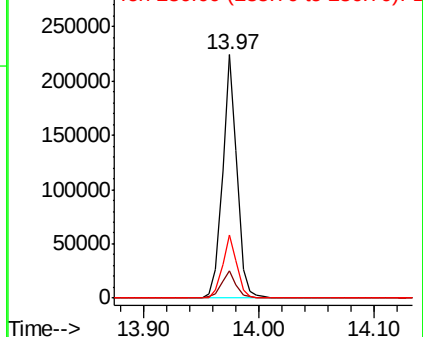


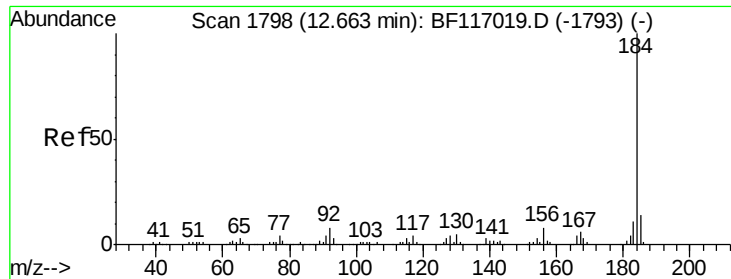
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.4  | 8.3   | 12.5  |
| 236     | 25.8  | 20.3  | 30.5  |



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





#77

Benzidine

Concen: 40.109 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

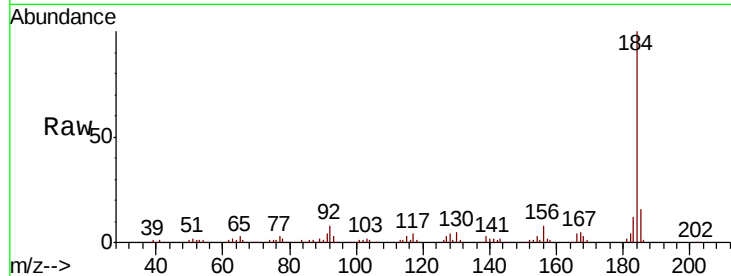
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 250467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.7  | 11.6  | 17.4  |
| 183 | 11.8  | 9.0   | 13.4  |

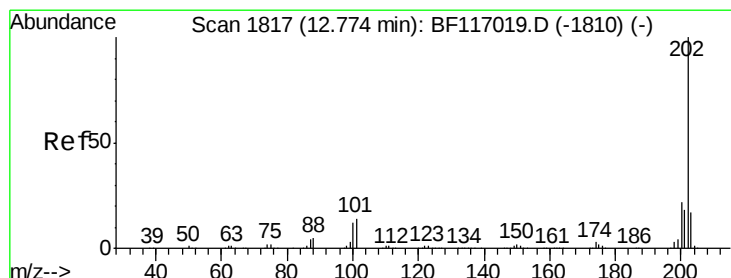
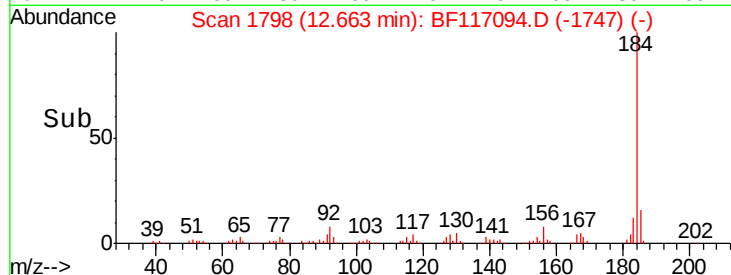
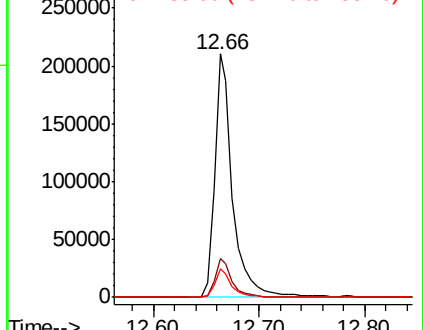


Abundance

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: 37.372 ng

RT: 12.78 min Scan# 1818

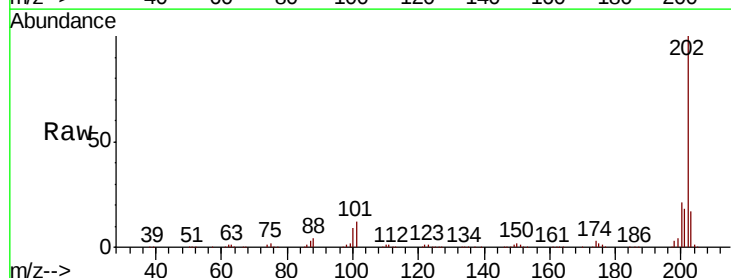
Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Tgt Ion:202 Resp: 607898

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.2  | 17.2  | 25.8  |
| 203 | 17.4  | 14.0  | 21.0  |

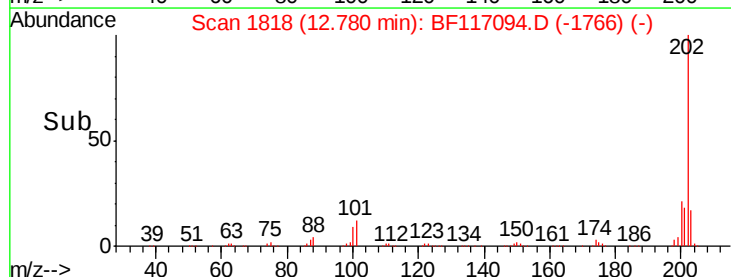
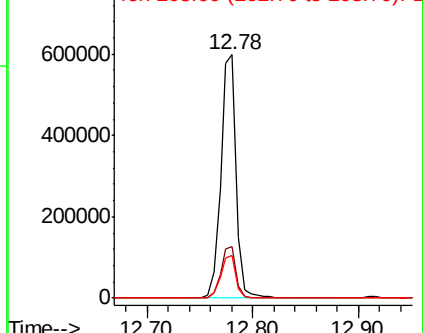


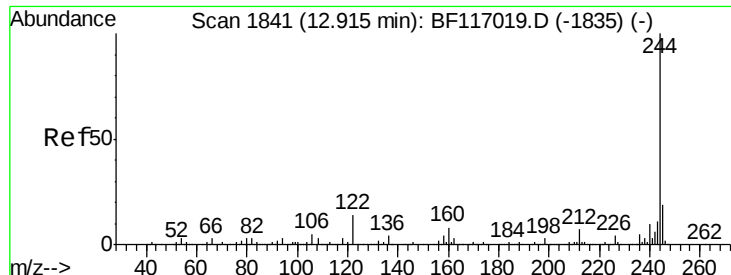
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

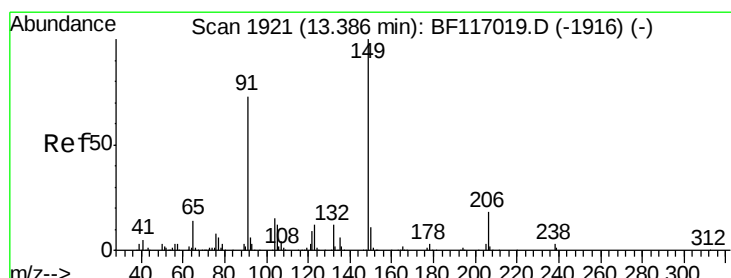
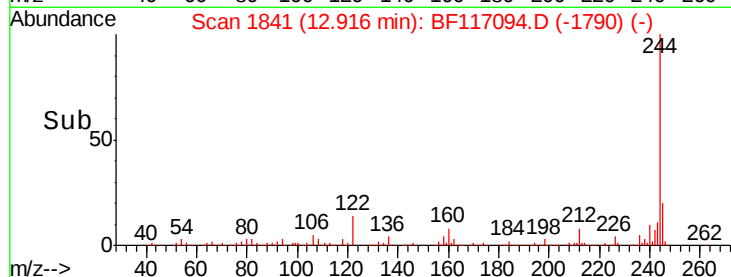
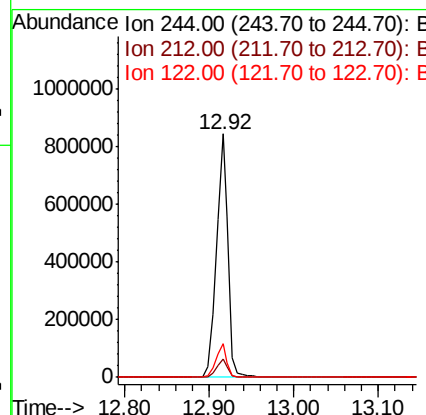
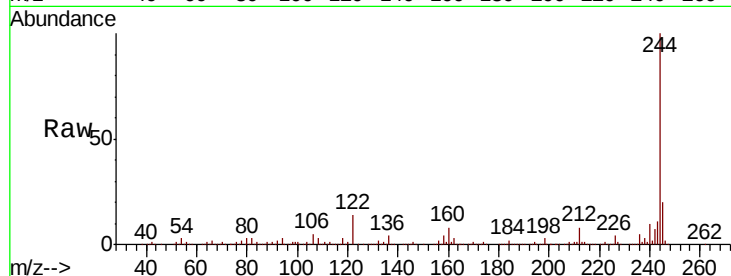




#79  
 Terphenyl-d14  
 Concen: 79.202 ng  
 RT: 12.92 min Scan# 1841  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

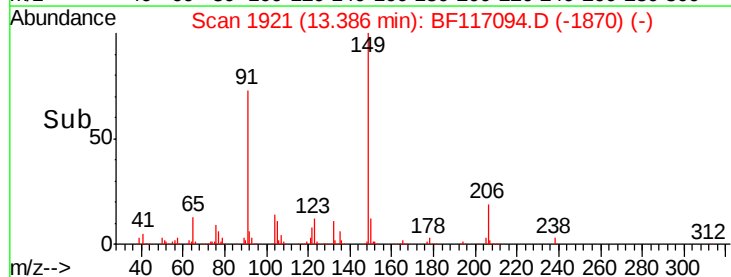
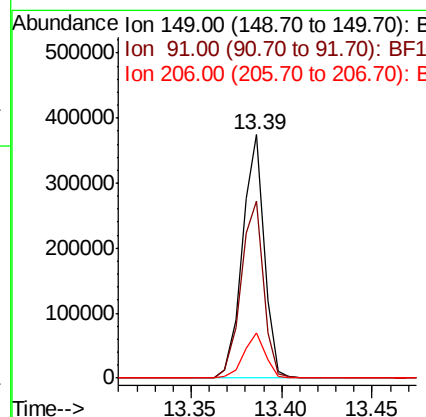
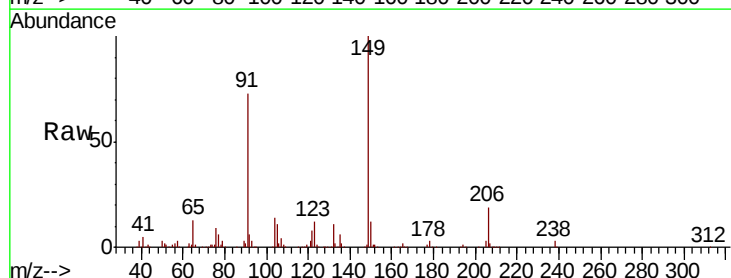
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

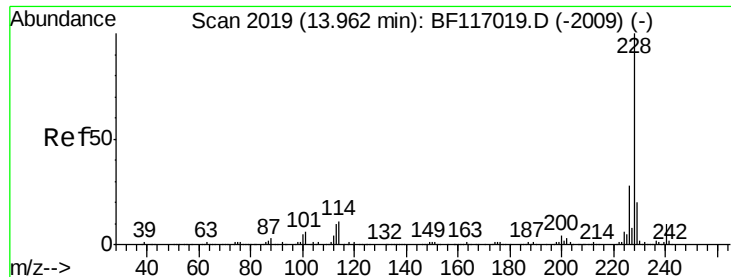
Tot Ion:244 Resp: 821411  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.8 8.8  
 122 13.8 11.3 16.9



#80  
 Butylbenzylphthalate  
 Concen: 40.939 ng  
 RT: 13.39 min Scan# 1921  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Tgt Ion:149 Resp: 314661  
 Ion Ratio Lower Upper  
 149 100  
 91 72.6 58.8 88.2  
 206 18.5 14.1 21.1





#81

Benzo(a)anthracene

Concen: 37.580 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

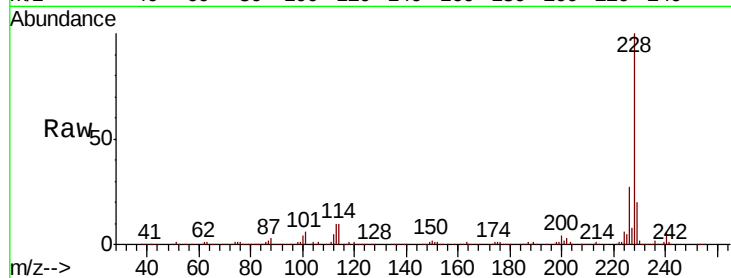
Tot Ion:228 Resp: 486736

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

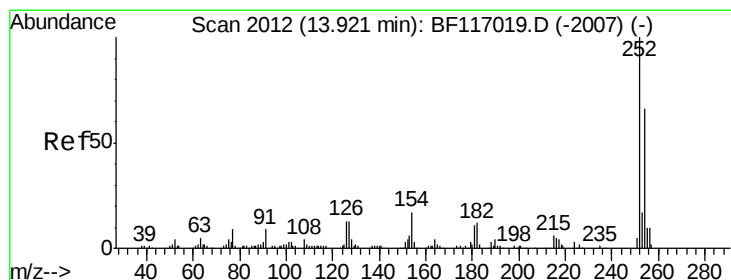
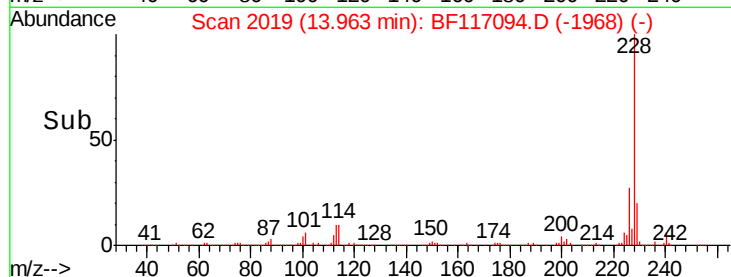
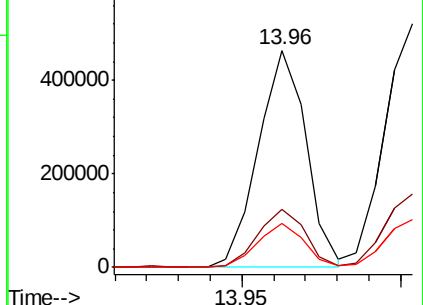
229 20.0 15.9 23.9



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: 38.435 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

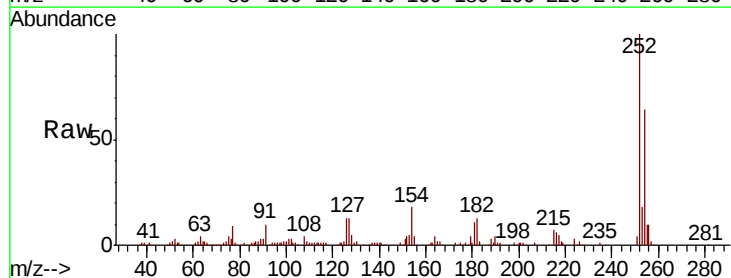
Tgt Ion:252 Resp: 160416

Ion Ratio Lower Upper

252 100

254 64.4 52.6 79.0

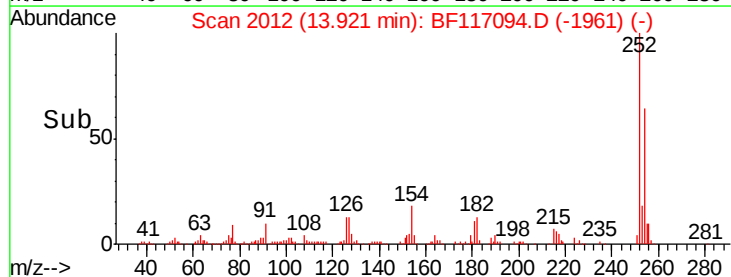
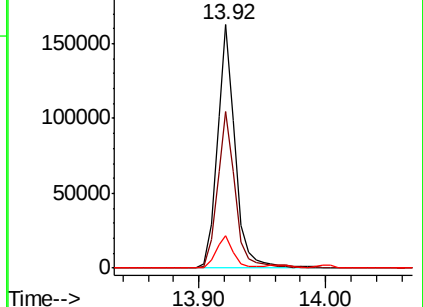
126 13.5 10.4 15.6

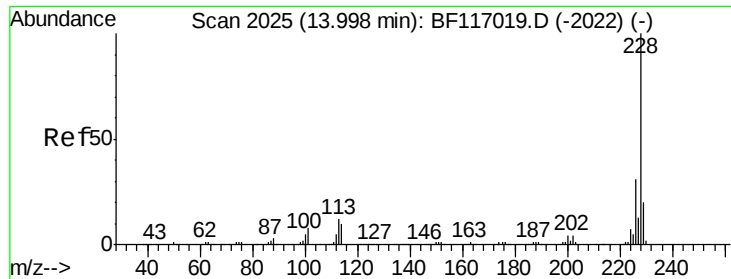


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

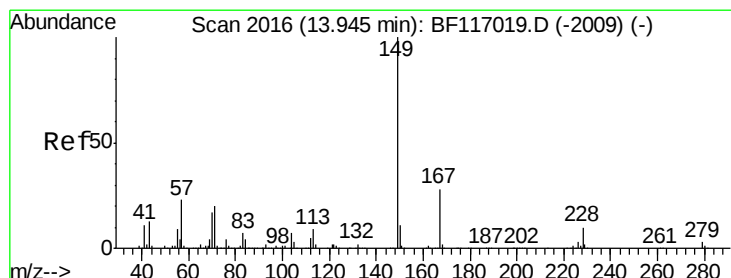
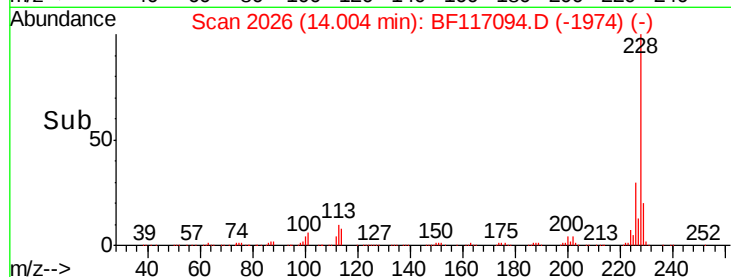
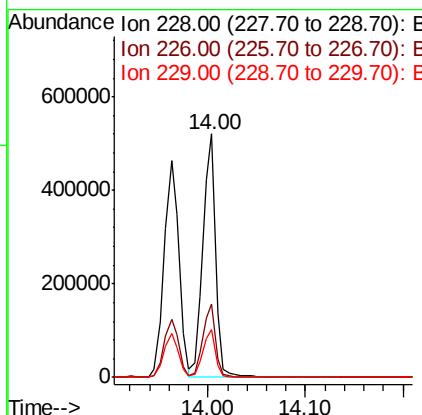
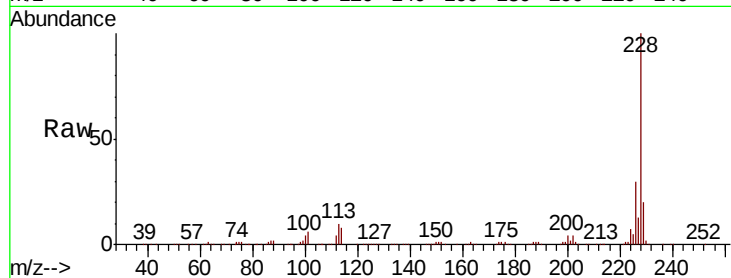




#83  
 Chrysene  
 Concen: 37.447 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. 0.01 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

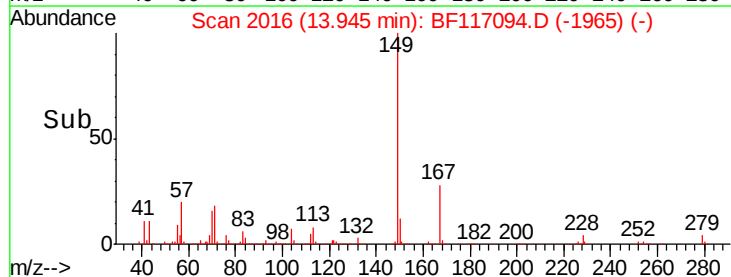
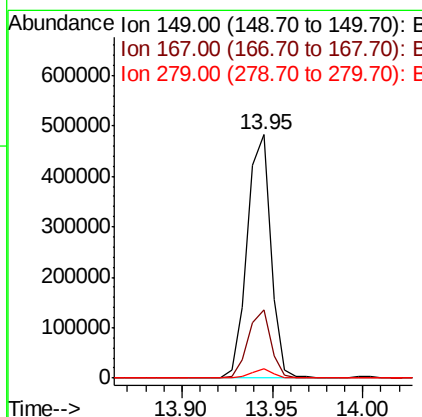
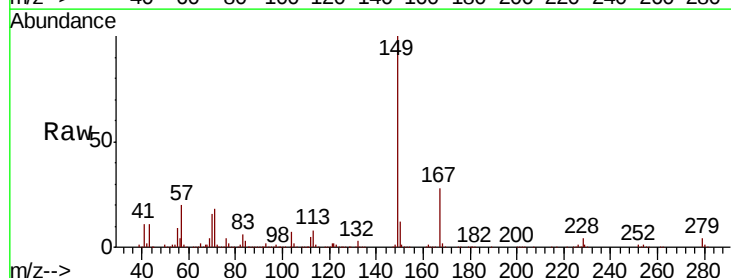
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

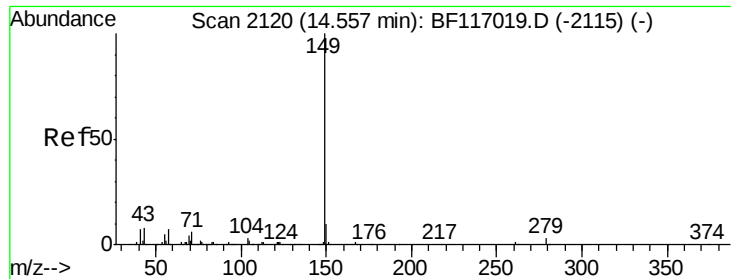
Tot Ion:228 Resp: 473037  
 Ion Ratio Lower Upper  
 228 100  
 226 30.1 24.8 37.2  
 229 19.5 15.8 23.8



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.471 ng  
 RT: 13.95 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: BF117094.D  
 Acq: 17 Sep 2019 9:25

Tgt Ion:149 Resp: 440708  
 Ion Ratio Lower Upper  
 149 100  
 167 28.0 22.2 33.2  
 279 3.6 2.8 4.2

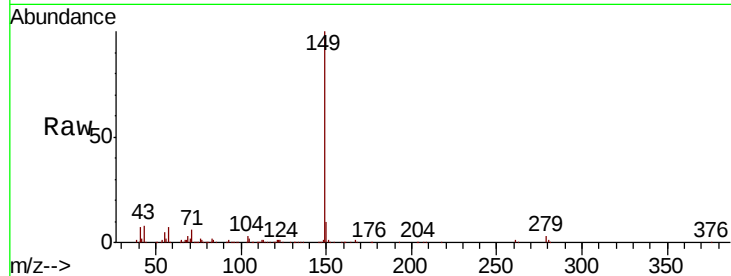




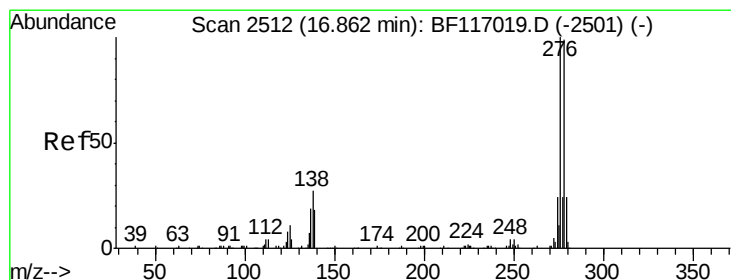
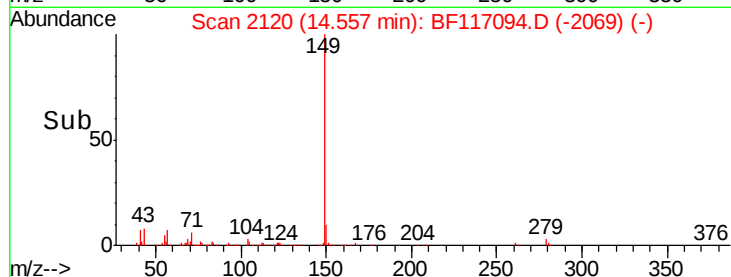
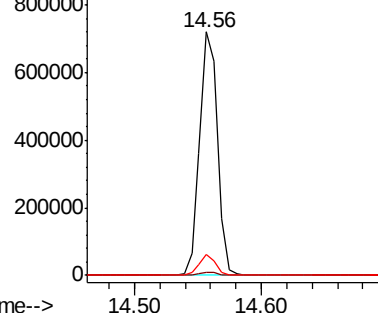
#85  
Di-n-octyl phthalate  
Concen: 44.920 ng  
RT: 14.56 min Scan# 2120  
Delta R.T. 0.00 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 7.6   | 6.2   | 9.4   |

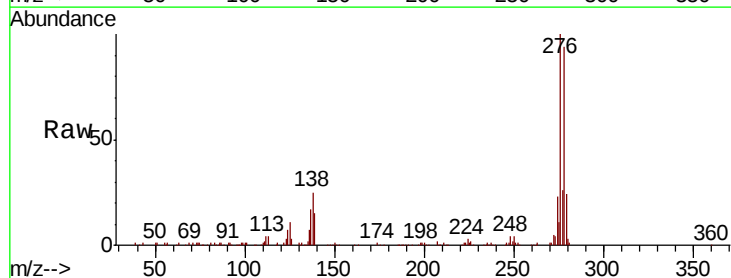


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

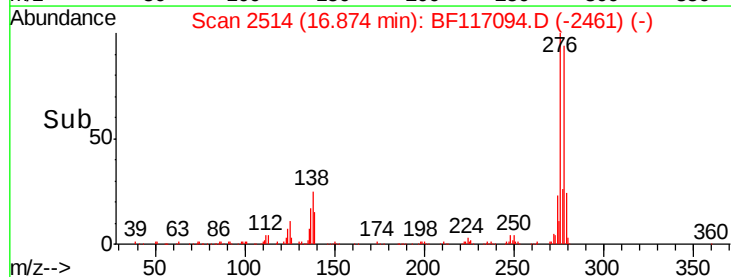
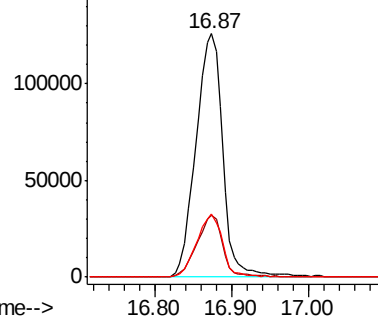


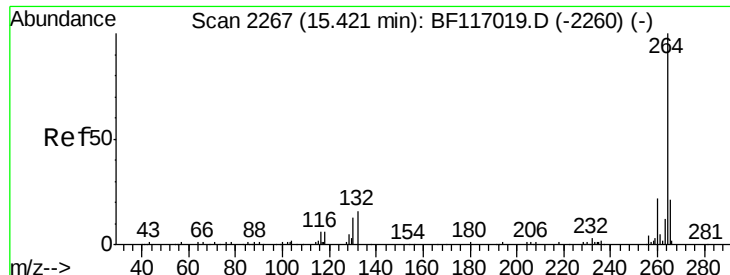
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 33.232 ng  
RT: 16.87 min Scan# 2514  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.3  | 20.7  | 31.1  |
| 277     | 24.9  | 19.8  | 29.8  |



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

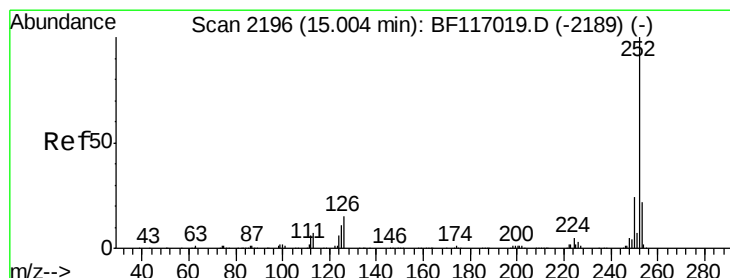
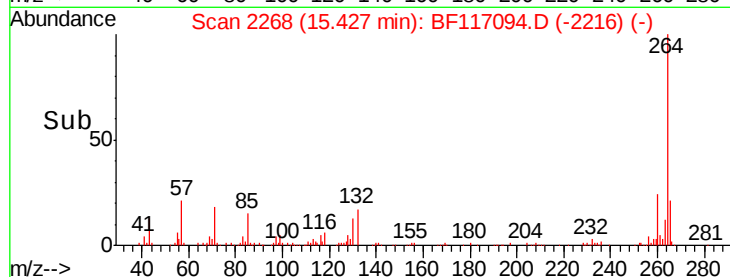
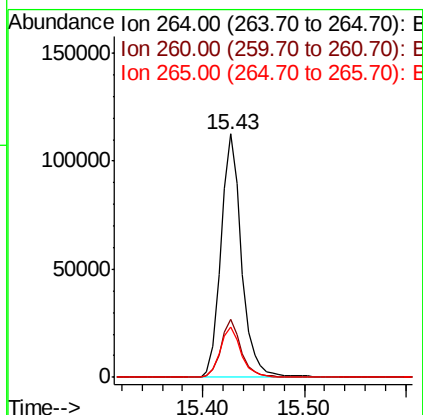
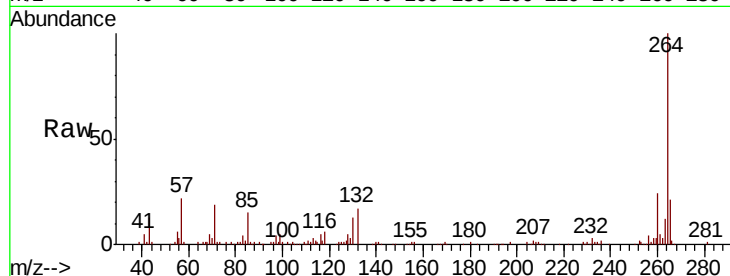




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.43 min Scan# 2268  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

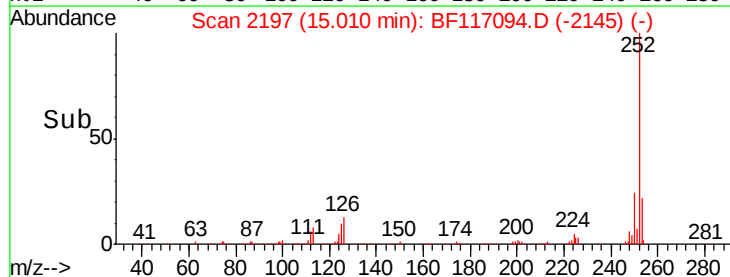
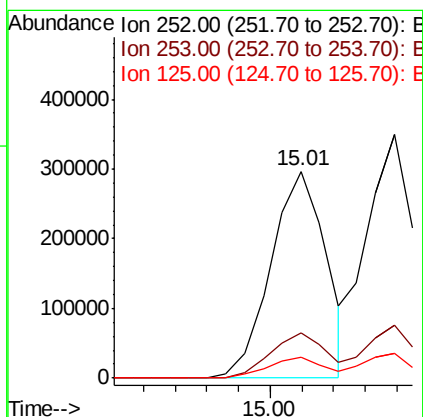
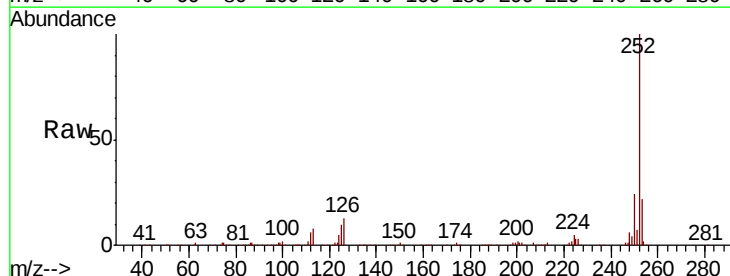
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

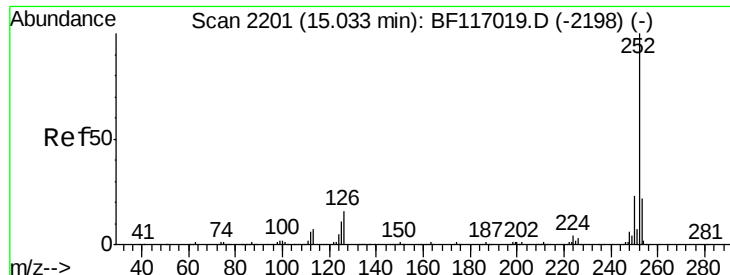
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 17.6  | 26.4  |
| 265     | 20.9  | 16.6  | 24.8  |



#88  
Benzo(b)fluoranthene  
Concen: 37.485 ng  
RT: 15.01 min Scan# 2197  
Delta R.T. 0.01 min  
Lab File: BF117094.D  
Acq: 17 Sep 2019 9:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.6  | 26.4  |
| 125     | 10.2  | 8.6   | 12.8  |





#89

Benzo(k)fluoranthene

Concen: 40.376 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

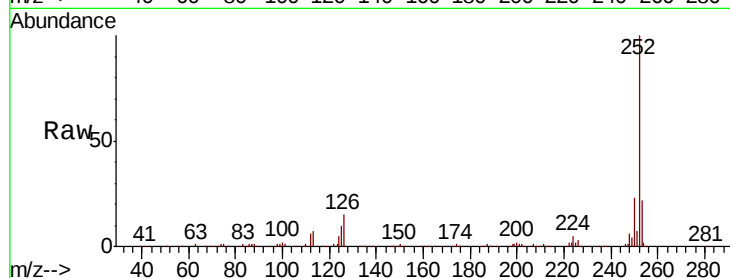
Tot Ion:252 Resp: 367406

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

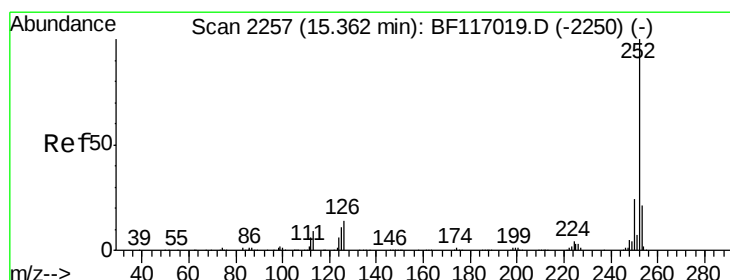
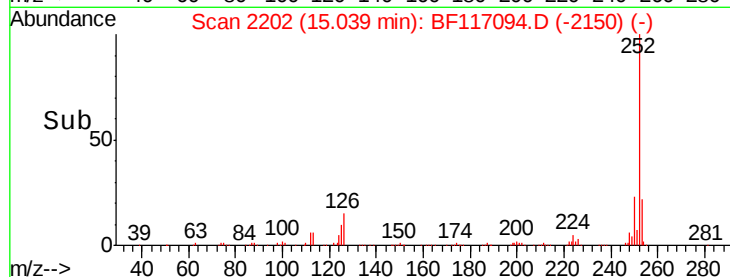
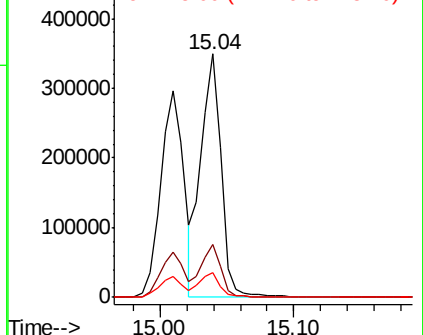
125 10.0 8.8 13.2



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



#90

Benzo(a)pyrene

Concen: 38.318 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

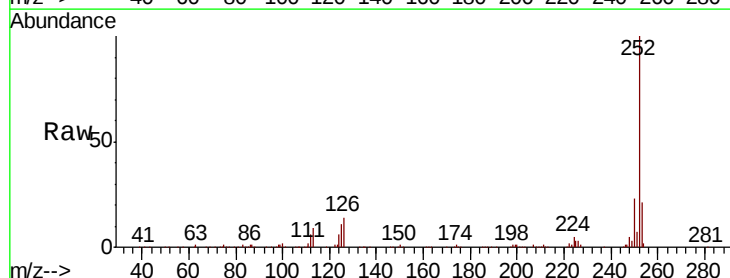
Tgt Ion:252 Resp: 323000

Ion Ratio Lower Upper

252 100

253 21.1 16.6 25.0

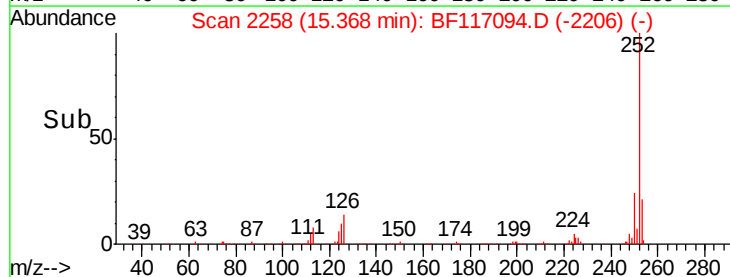
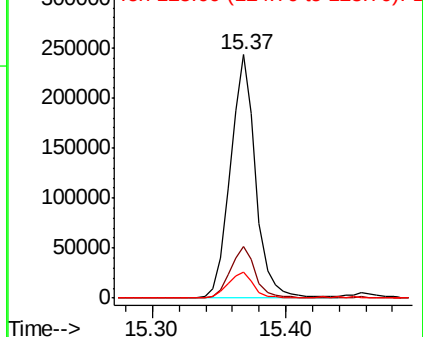
125 10.6 8.9 13.3

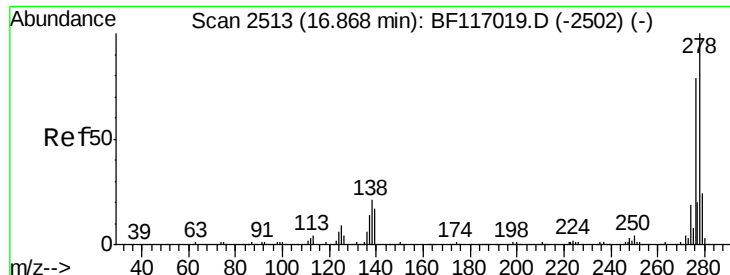


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.481 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

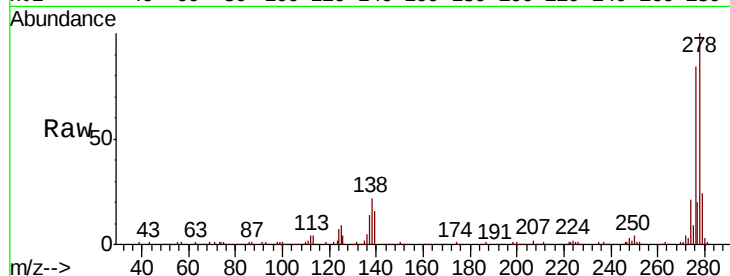
Tot Ion:278 Resp: 251689

Ion Ratio Lower Upper

278 100

139 15.6 13.5 20.3

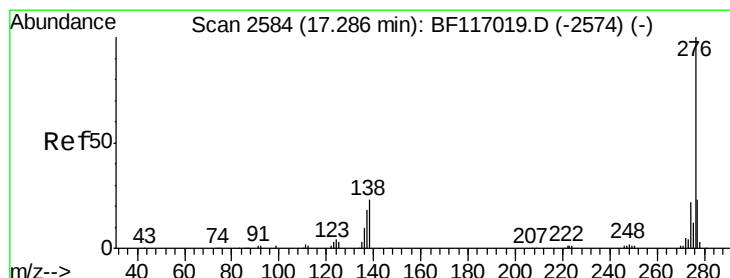
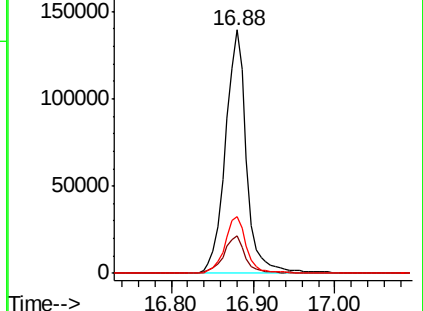
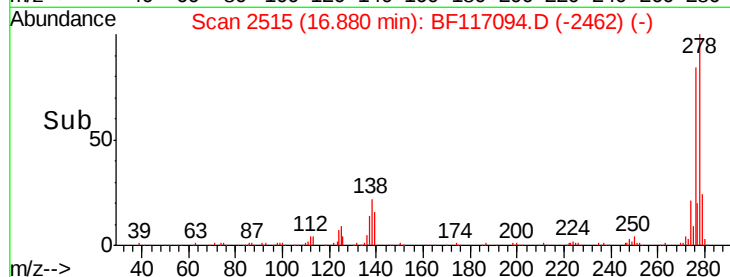
279 23.5 18.8 28.2



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: 35.167 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.02 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

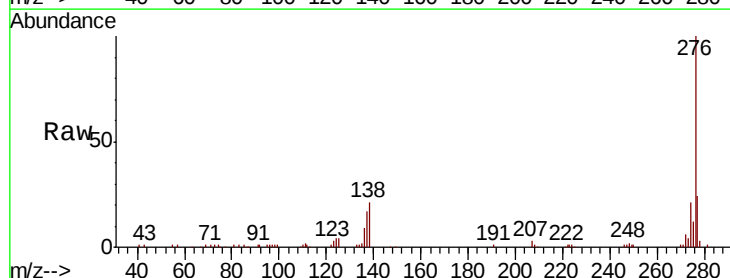
Tgt Ion:276 Resp: 235324

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 20.8 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

