

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\  
 Data File : BF116882.D  
 Acq On : 8 Sep 2019 21:11  
 Operator : HP/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 09 02:15:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 20:02:30 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 83783    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 349661   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 174776   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.36 | 188  | 272389   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 176540   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.45 | 264  | 155467   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 443433 | 85.74  | ng | 0.00  |
| 7) Phenol-d6             | 6.48  | 99  | 578579 | 85.20  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.40  | 82  | 528176 | 86.23  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 119392 | 102.18 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.20  | 172 | 943451 | 91.06  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.94 | 244 | 840099 | 88.03  | ng | -0.01 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.59 | 88  | 92813  | 38.877 | ng | 96     |
| 3) Pyridine                    | 3.34 | 79  | 256927 | 37.170 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.29 | 42  | 82853  | 34.906 | ng | 80     |
| 6) Aniline                     | 6.50 | 93  | 378397 | 40.231 | ng | 98     |
| 8) 2-Chlorophenol              | 6.63 | 128 | 242855 | 43.017 | ng | 100    |
| 9) Benzaldehyde                | 6.39 | 77  | 167078 | 37.345 | ng | 96     |
| 10) Phenol                     | 6.49 | 94  | 317133 | 42.174 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.58 | 93  | 235302 | 40.187 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 275090 | 43.113 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.86 | 146 | 280426 | 44.145 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 260344 | 44.224 | ng | 96     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 222033 | 40.279 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 244349 | 35.569 | ng | 89     |
| 17) 2-Methylphenol             | 7.10 | 107 | 204390 | 41.357 | ng | 97     |
| 18) Hexachloroethane           | 7.36 | 117 | 106364 | 43.097 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 176755 | 39.531 | ng | 92     |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 252394 | 43.923 | ng | # 74   |
| 22) Acetophenone               | 7.25 | 105 | 364468 | 43.296 | ng | 96     |
| 24) Nitrobenzene               | 7.43 | 77  | 266204 | 42.733 | ng | 91     |
| 25) Isophorone                 | 7.66 | 82  | 485248 | 39.097 | ng | 100    |
| 26) 2-Nitrophenol              | 7.74 | 139 | 108174 | 46.708 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.78 | 122 | 185693 | 39.701 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 306513 | 40.413 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 7.99 | 162 | 196334 | 43.678 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 212673 | 43.621 | ng | 96     |
| 31) Naphthalene                | 8.15 | 128 | 699350 | 42.062 | ng | 100    |
| 32) Benzoic acid               | 7.90 | 122 | 102314 | 38.741 | ng | 95     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 310046 | 40.965 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 121648 | 45.761 | ng | 99     |
| 35) Caprolactam                | 8.56 | 113 | 62703  | 37.274 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 223212 | 43.205 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.84 | 142 | 473906 | 42.838 | ng | 96     |
| 38) 1-Methylnaphthalene        | 8.93 | 142 | 442263 | 42.350 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 190245 | 45.408 | ng | 98     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 20:02:30 2019  
 Response via : Initial Calibration

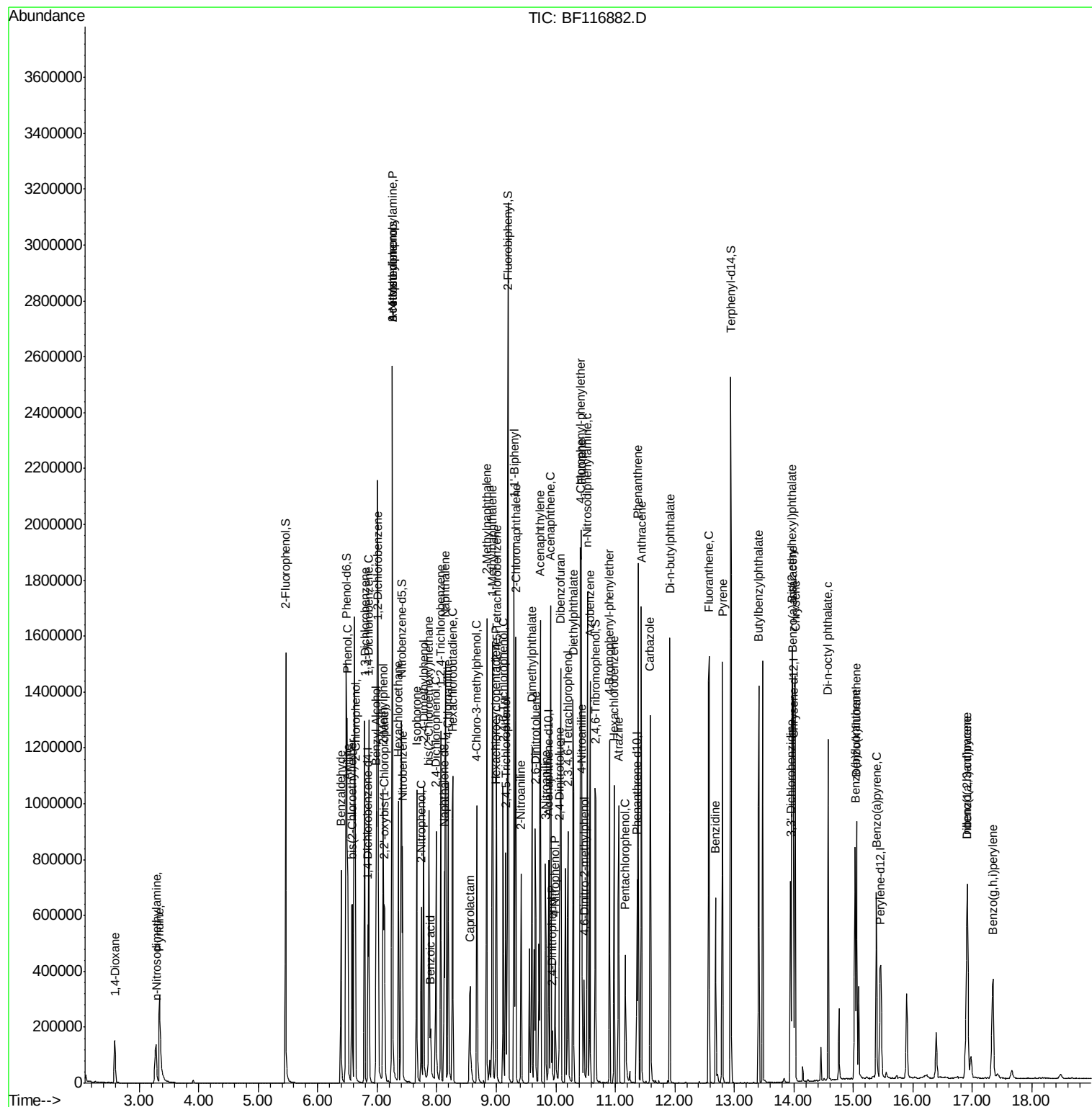
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.99  | 237  | 91182    | 37.688 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 131038   | 45.626 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 135176   | 45.336 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.30  | 154  | 570796   | 43.039 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 456741   | 43.482 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.42  | 65   | 133761   | 44.047 | ng    | 95       |
| 49) Acenaphthylene             | 9.74  | 152  | 675051   | 42.514 | ng    | 100      |
| 50) Dimethylphthalate          | 9.60  | 163  | 509655   | 42.237 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 97073    | 42.165 | ng    | 92       |
| 52) Acenaphthene               | 9.92  | 154  | 416904   | 42.732 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 122973   | 42.623 | ng    | # 84     |
| 54) 2,4-Dinitrophenol          | 9.94  | 184  | 25299    | 36.511 | ng    | 94       |
| 55) Dibenzofuran               | 10.09 | 168  | 595724   | 43.314 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.99  | 139  | 77541    | 39.197 | ng    | 87       |
| 57) 2,4-Dinitrotoluene         | 10.06 | 165  | 127922   | 45.443 | ng    | 98       |
| 58) Fluorene                   | 10.43 | 166  | 477897   | 45.602 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 100479   | 46.693 | ng    | 95       |
| 60) Diethylphthalate           | 10.29 | 149  | 500507   | 41.409 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204  | 209183   | 45.583 | ng    | 97       |
| 62) 4-Nitroaniline             | 10.44 | 138  | 121498   | 43.394 | ng    | 94       |
| 63) Azobenzene                 | 10.57 | 77   | 513539   | 40.746 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 38003    | 39.453 | ng    | 78       |
| 66) n-Nitrosodiphenylamine     | 10.53 | 169  | 405442   | 43.027 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 10.90 | 248  | 122367   | 44.222 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.98 | 284  | 130790   | 45.176 | ng    | 96       |
| 69) Atrazine                   | 11.06 | 200  | 111089   | 42.094 | ng    | 98       |
| 70) Pentachlorophenol          | 11.17 | 266  | 62411    | 44.563 | ng    | 98       |
| 71) Phenanthrene               | 11.39 | 178  | 659327   | 43.483 | ng    | 100      |
| 72) Anthracene                 | 11.44 | 178  | 667091   | 43.705 | ng    | 99       |
| 73) Carbazole                  | 11.59 | 167  | 627008   | 43.124 | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.92 | 149  | 771963   | 41.416 | ng    | 100      |
| 75) Fluoranthene               | 12.57 | 202  | 652364   | 43.779 | ng    | 98       |
| 77) Benzidine                  | 12.69 | 184  | 265831   | 38.391 | ng    | 99       |
| 78) Pyrene                     | 12.80 | 202  | 655856   | 41.792 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.41 | 149  | 305968   | 40.092 | ng    | 95       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 495964   | 44.389 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 153658   | 40.694 | ng    | 97       |
| 83) Chrysene                   | 14.02 | 228  | 478885   | 41.602 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 379874   | 40.324 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 593898   | 38.524 | ng    | # 94     |
| 86) Indeno(1,2,3-cd)pyrene     | 16.91 | 276  | 372305   | 40.267 | ng    | 97       |
| 88) Benzo(b)fluoranthene       | 15.03 | 252  | 381253   | 40.562 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 383062   | 44.698 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.39 | 252  | 343511   | 42.007 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.92 | 278  | 302776   | 42.300 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.34 | 276  | 305525   | 41.852 | ng    | 95       |

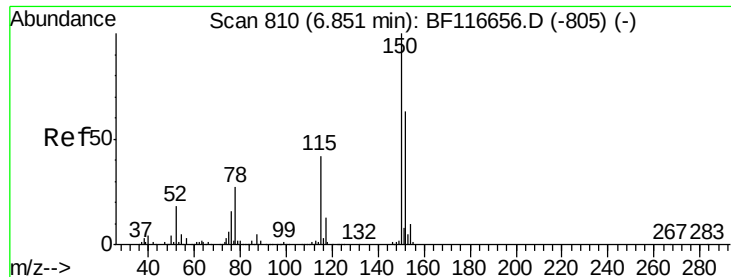
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\  
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Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :

Quant Time: Sep 09 02:15:33 2019  
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QLast Update : Fri Aug 30 20:02:30 2019  
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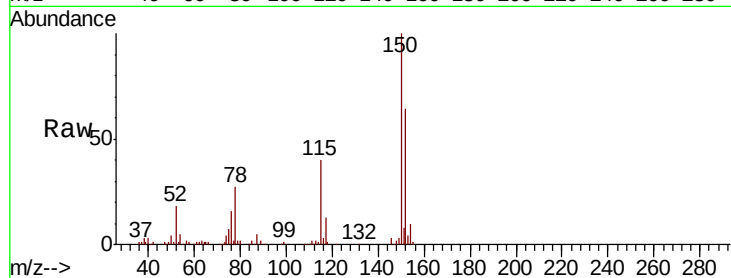


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.1 | 124.4 | 186.6 |
| 115     | 62.5  | 49.9  | 74.9  |

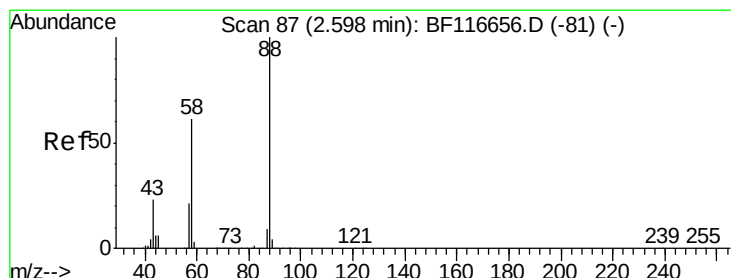
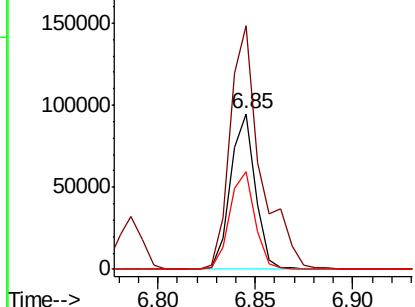
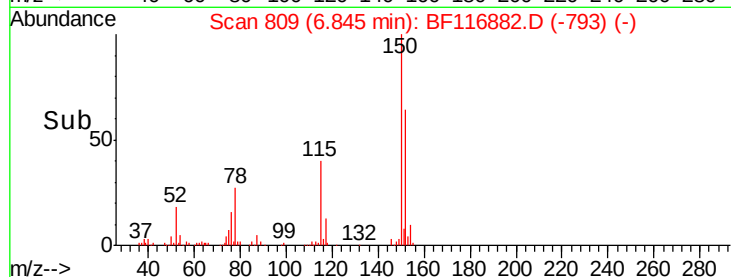


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

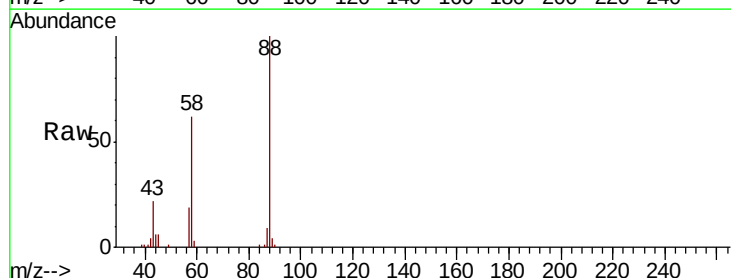
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 38.877 ng  
RT: 2.59 min Scan# 86  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 61.2  | 51.7  | 77.5  |
| 43      | 23.0  | 19.8  | 29.8  |

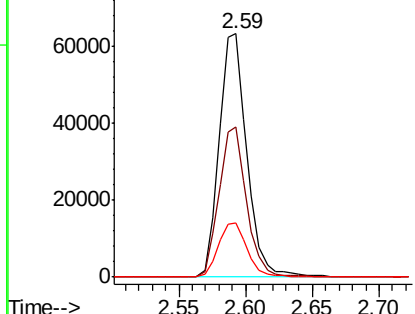
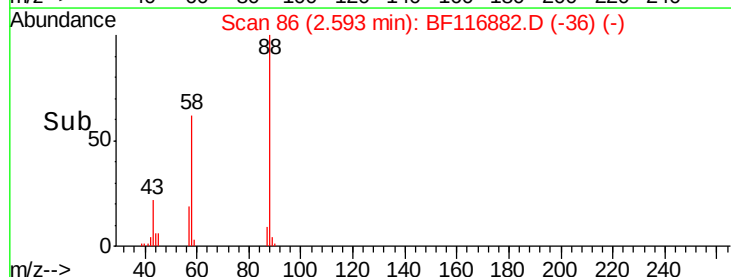


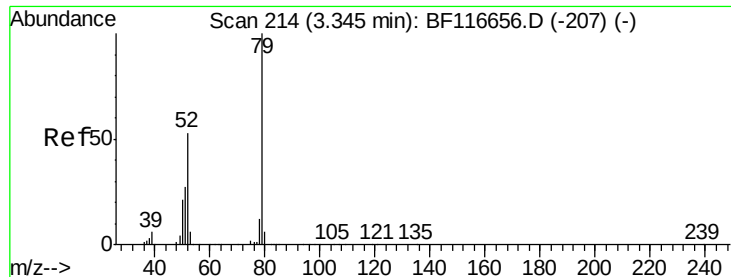
Abundance

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: 37.170 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

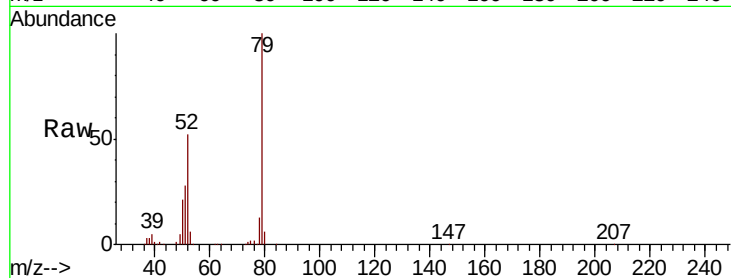
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 79 Resp: 256927

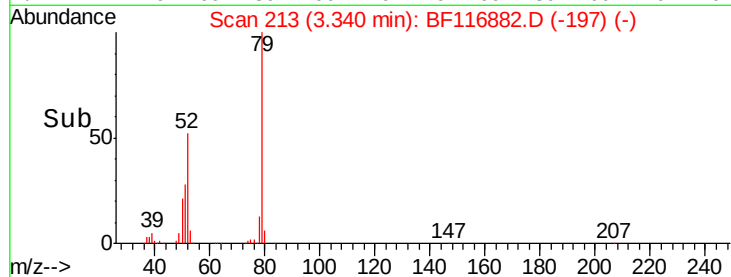
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 51.5  | 47.4  | 71.0  |
| 51  | 27.6  | 24.1  | 36.1  |



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

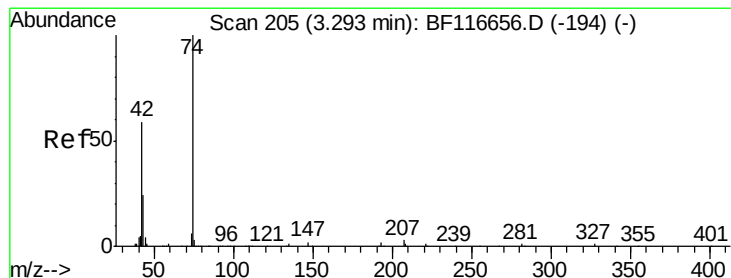
Ion 51.00 (50.70 to 51.70): BF1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.906 ng

RT: 3.29 min Scan# 204

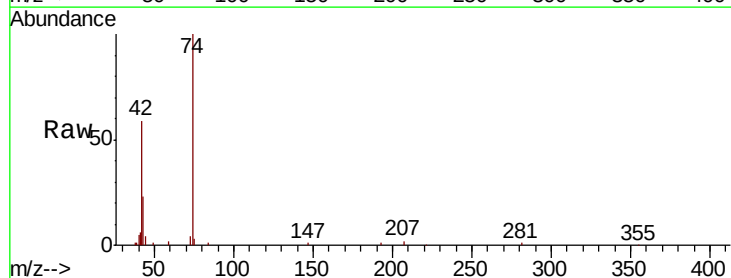
Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Tgt Ion: 42 Resp: 82853

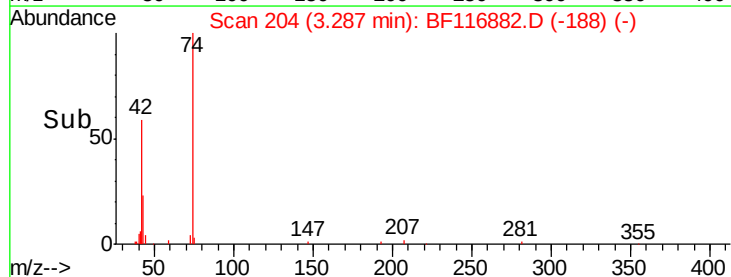
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 169.8 | 115.6 | 173.4 |
| 44  | 6.4   | 4.6   | 7.0   |



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

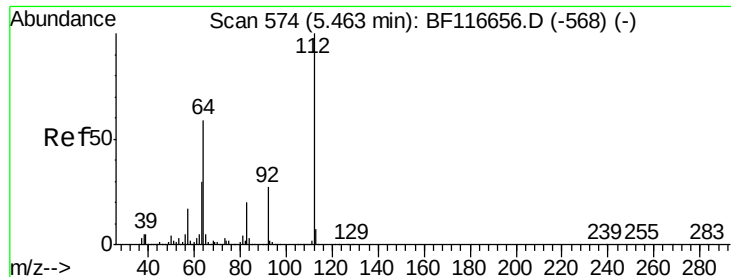
Ion 44.00 (43.70 to 44.70): BF1



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1



#5

2-Fluorophenol

Concen: 85.744 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

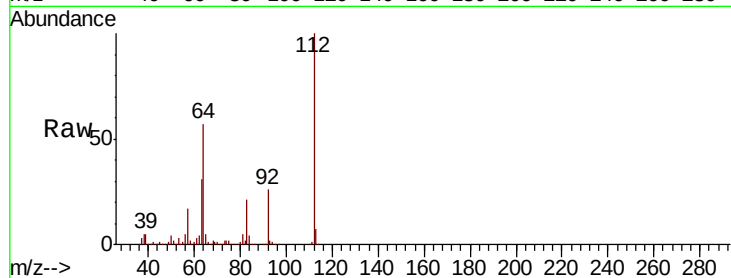
Tot Ion:112 Resp: 443433

Ion Ratio Lower Upper

112 100

64 56.5 47.1 70.7

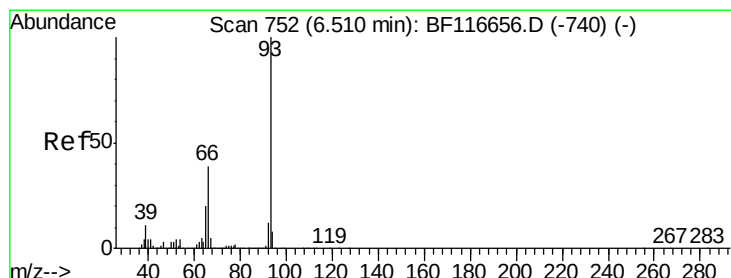
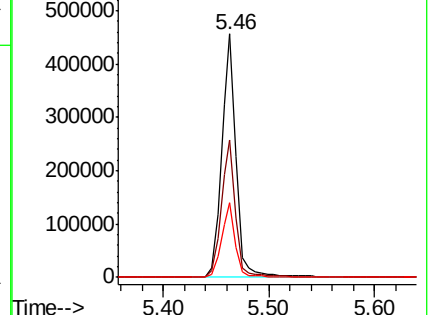
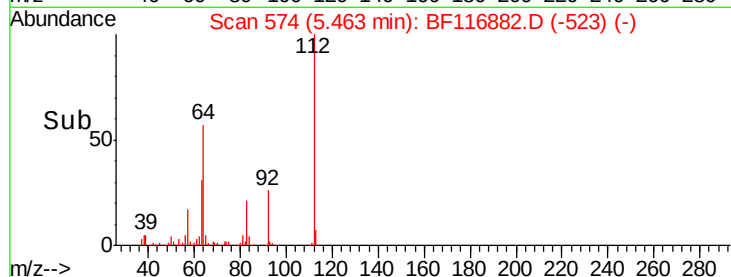
63 30.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.231 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

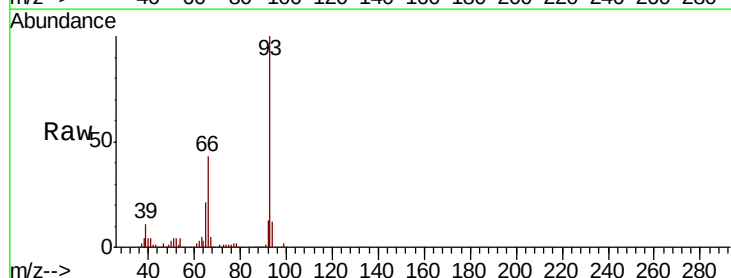
Tgt Ion: 93 Resp: 378397

Ion Ratio Lower Upper

93 100

66 42.6 32.7 49.1

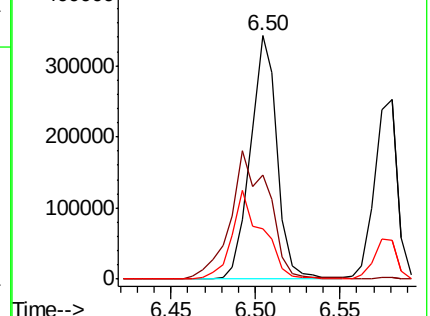
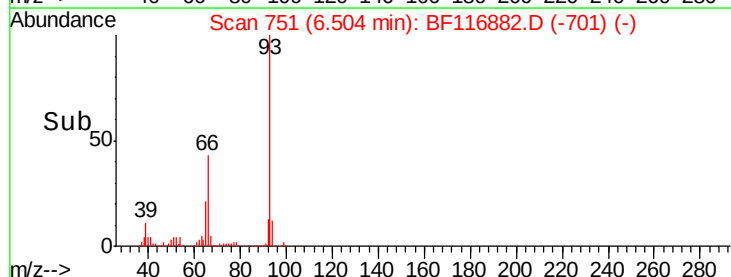
65 20.5 16.3 24.5

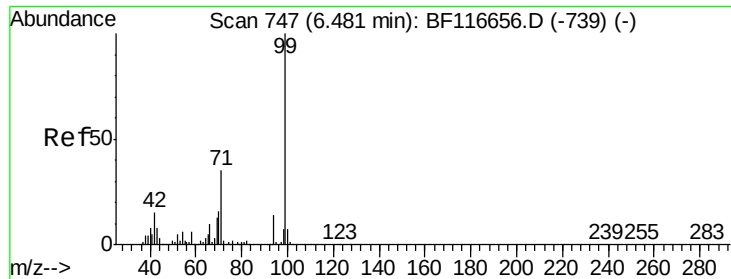


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.199 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

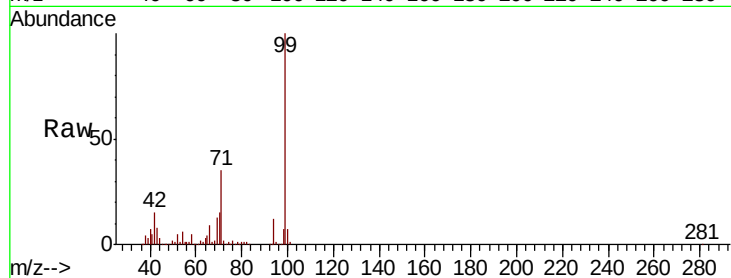
Tot Ion: 99 Resp: 578579

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

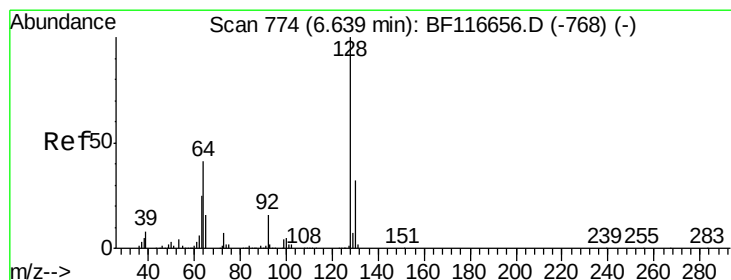
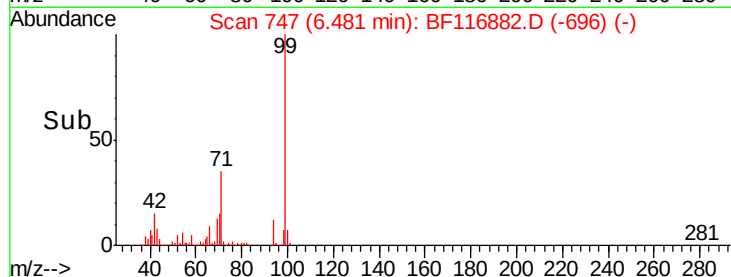
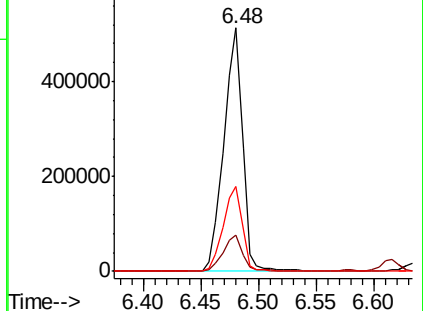
71 34.9 30.8 46.2



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: 43.017 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

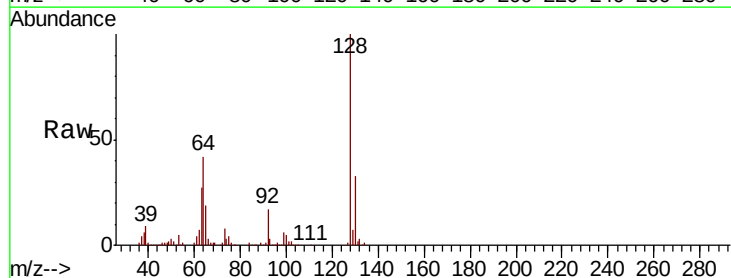
Tgt Ion: 128 Resp: 242855

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

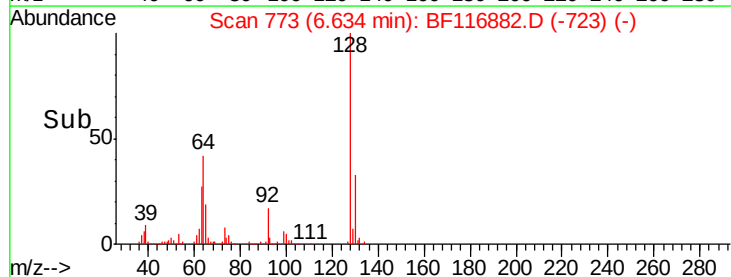
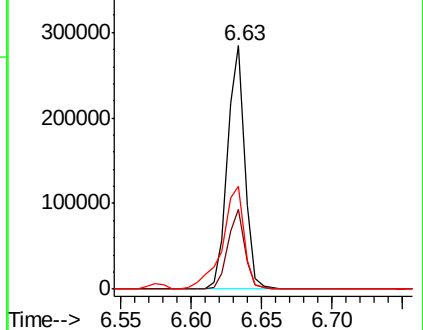
64 42.5 22.5 62.5



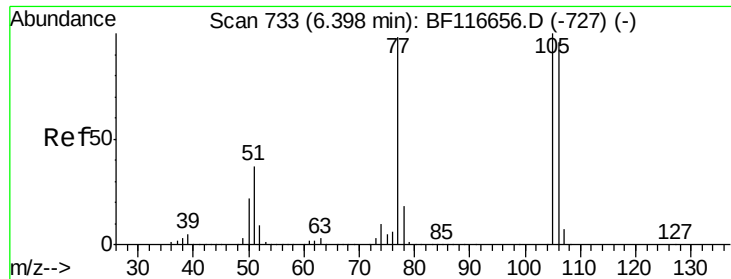
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 37.345 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

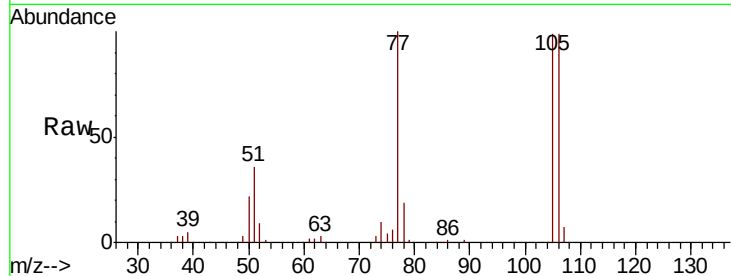
Tot Ion: 77 Resp: 167078

Ion Ratio Lower Upper

77 100

105 98.9 76.7 116.7

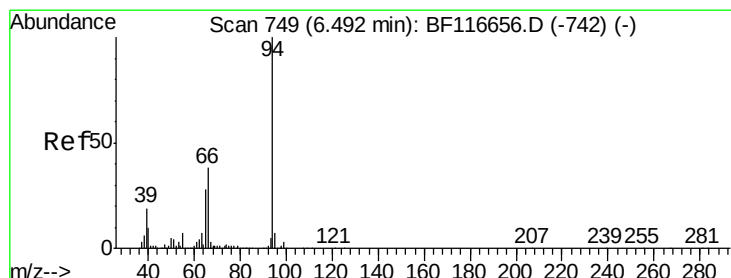
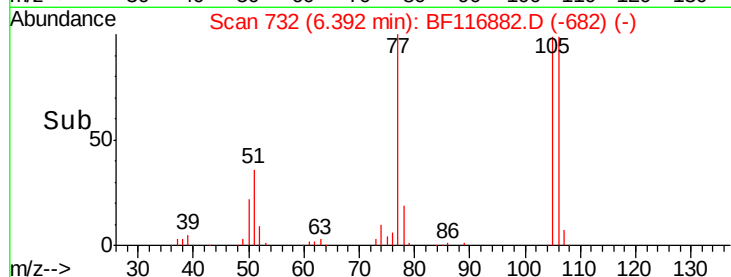
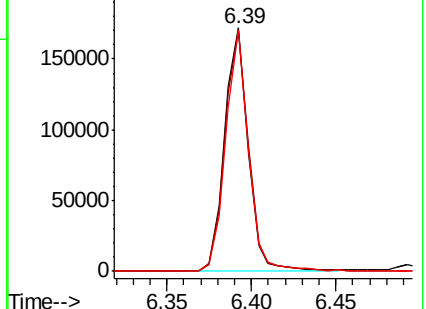
106 99.2 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.174 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

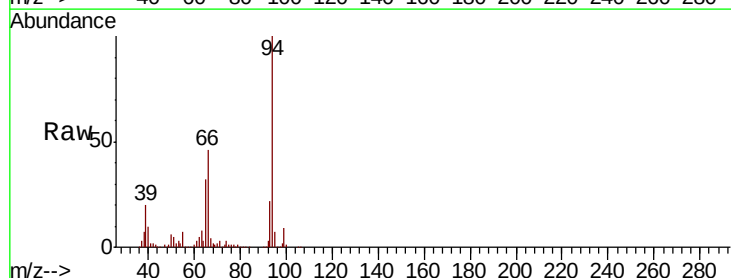
Tgt Ion: 94 Resp: 317133

Ion Ratio Lower Upper

94 100

65 32.1 10.8 50.8

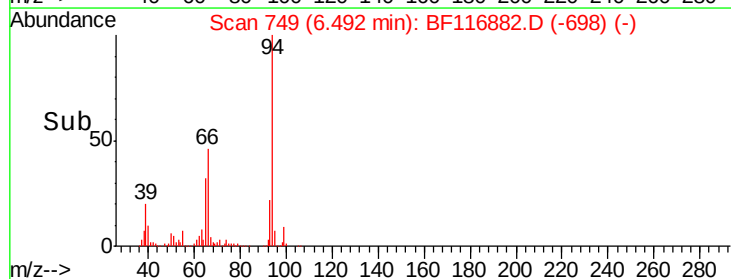
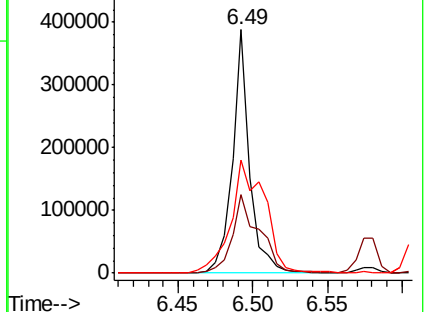
66 46.4 21.1 61.1



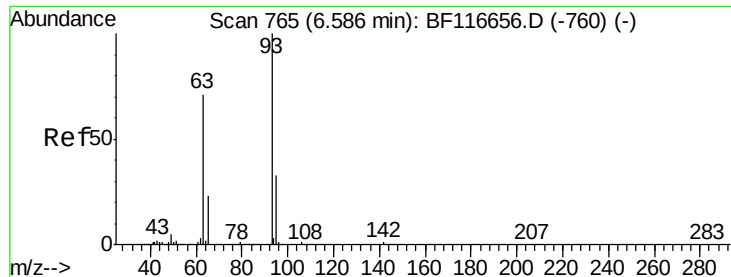
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



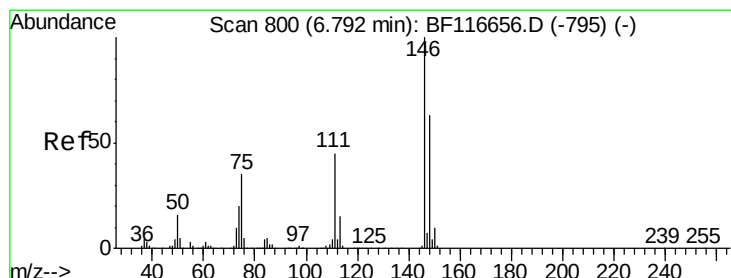
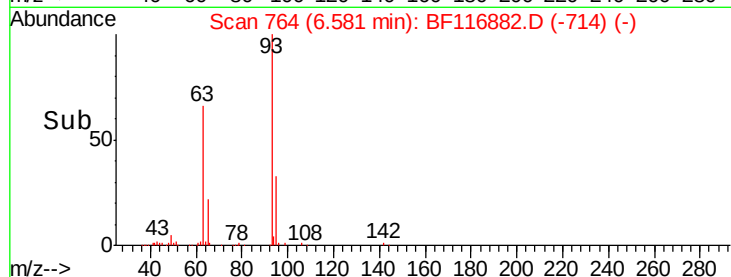
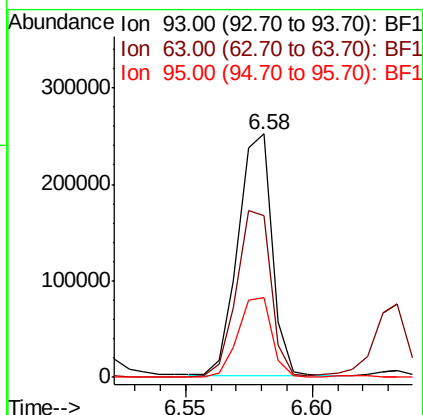
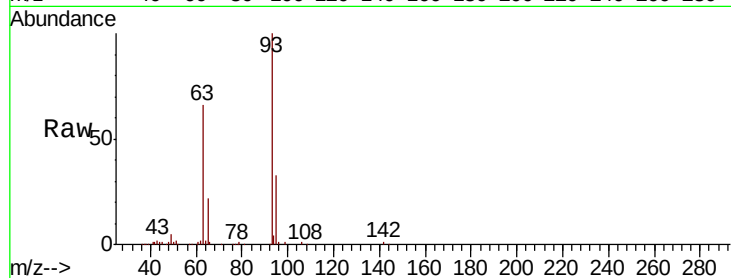




#11  
bis(2-Chloroethyl)ether  
Concen: 40.187 ng  
RT: 6.58 min Scan# 764  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

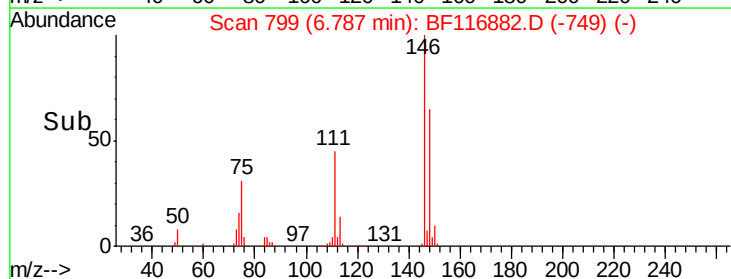
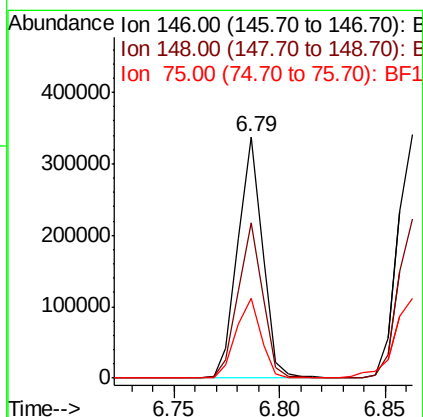
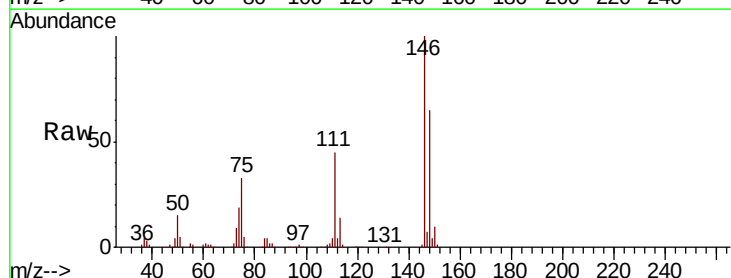
Instrument :  
BNA\_F  
ClientSampleId :

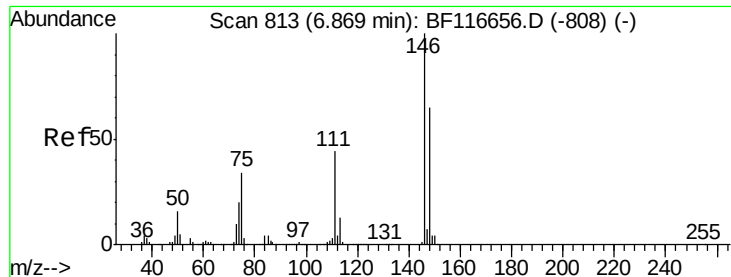
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 66.3  | 49.9  | 89.9  |
| 95      | 32.6  | 12.7  | 52.7  |



#12  
1,3-Dichlorobenzene  
Concen: 43.113 ng  
RT: 6.79 min Scan# 799  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.4  | 77.0  |
| 75      | 32.9  | 29.6  | 44.4  |

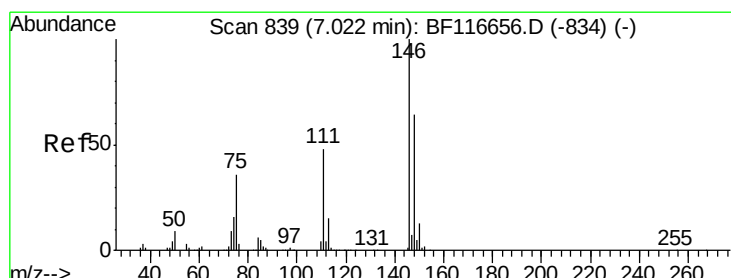
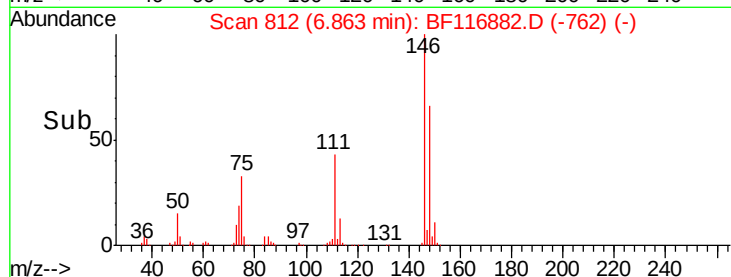
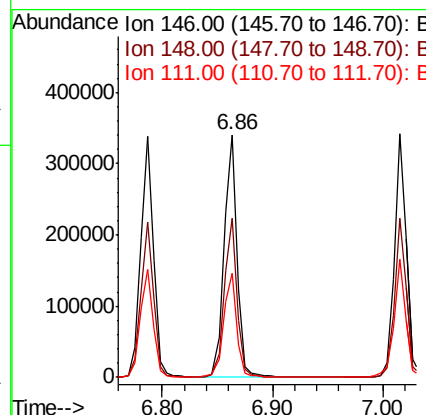
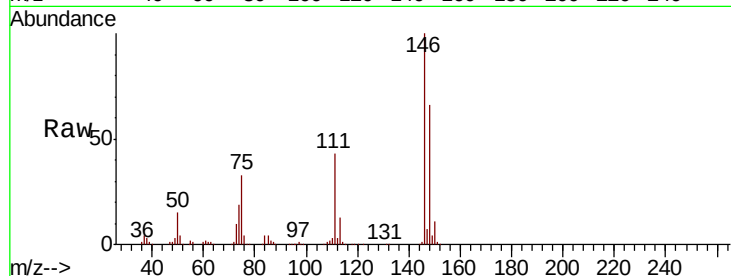




#13  
 1,4-Dichlorobenzene  
 Concen: 44.145 ng  
 RT: 6.86 min Scan# 812  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

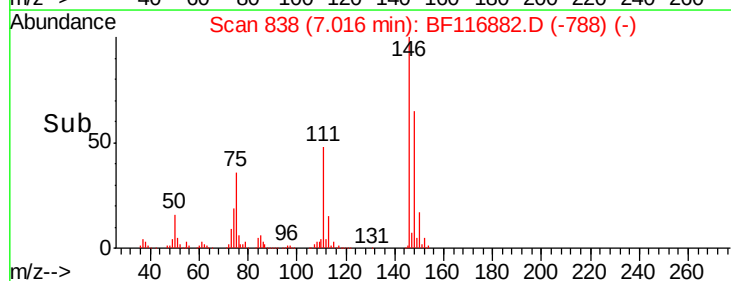
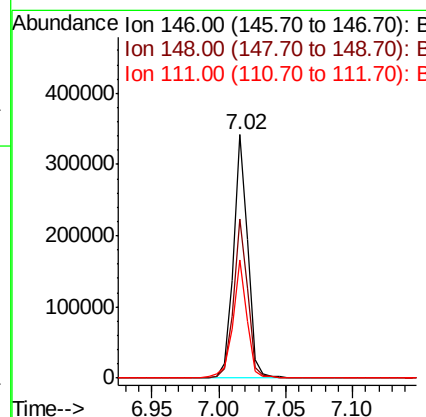
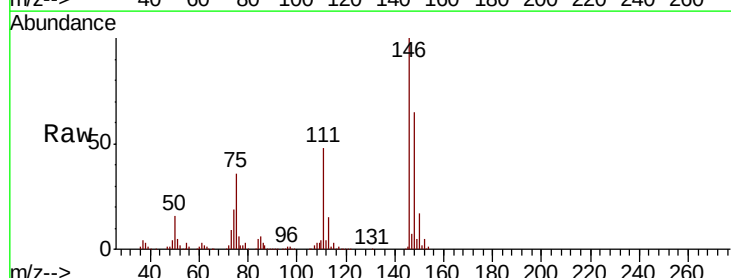
Instrument :  
 BNA\_F  
 ClientSampleId :

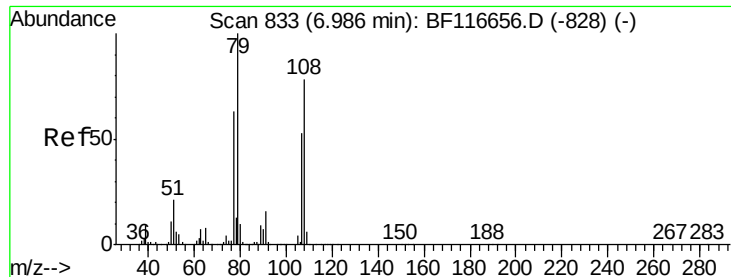
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.5  | 51.4  | 77.2  |
| 111     | 42.9  | 34.8  | 52.2  |



#14  
 1,2-Dichlorobenzene  
 Concen: 44.224 ng  
 RT: 7.02 min Scan# 838  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.2  | 52.6  | 78.8  |
| 111     | 48.4  | 34.2  | 51.4  |

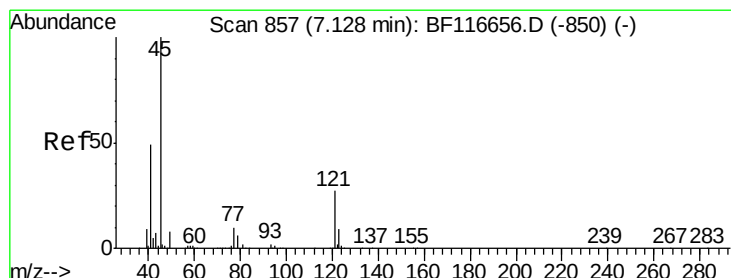
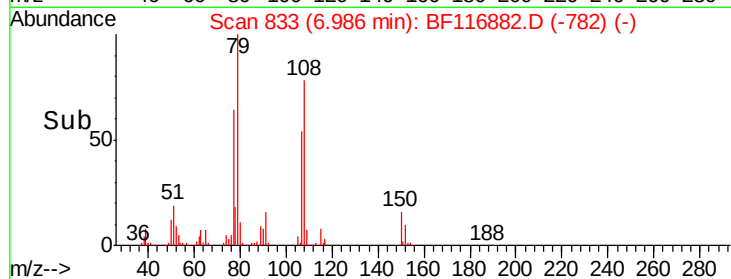
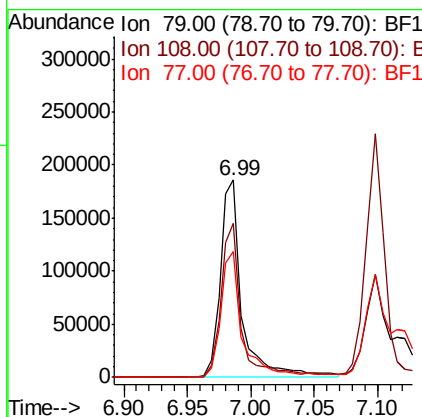
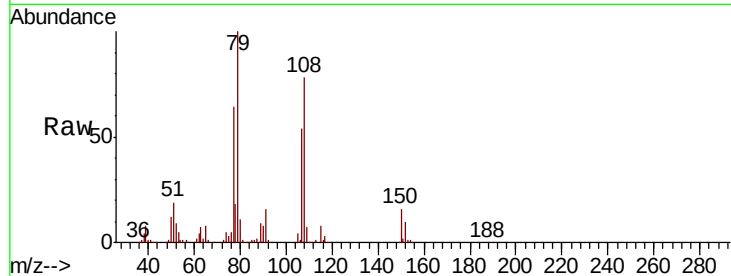




#15  
Benzyl Alcohol  
Concen: 40.279 ng  
RT: 6.99 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

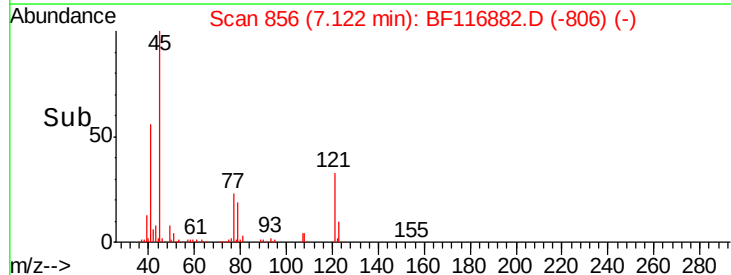
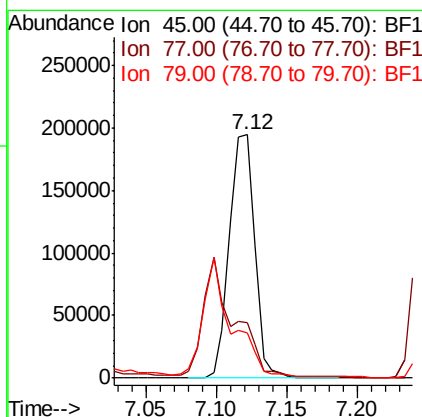
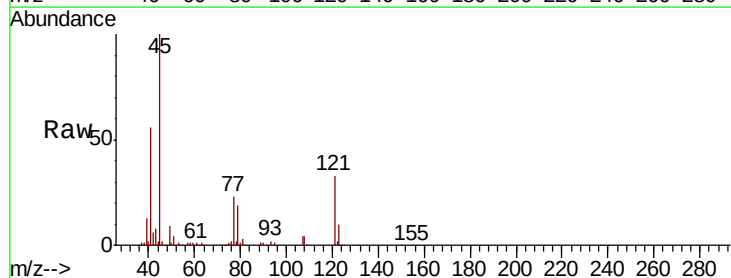
Instrument :  
BNA\_F  
ClientSampleId :

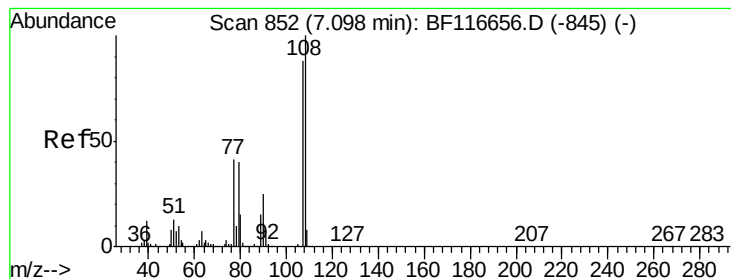
Tot Ion: 79 Resp: 222033  
Ion Ratio Lower Upper  
79 100  
108 78.2 59.2 88.8  
77 63.5 53.0 79.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 35.569 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Tgt Ion: 45 Resp: 244349  
Ion Ratio Lower Upper  
45 100  
77 22.7 0.0 38.2  
79 18.7 0.0 33.9

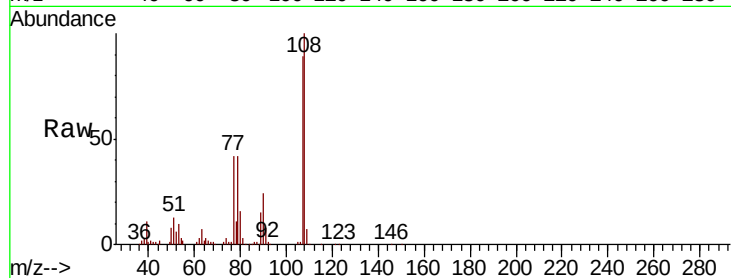




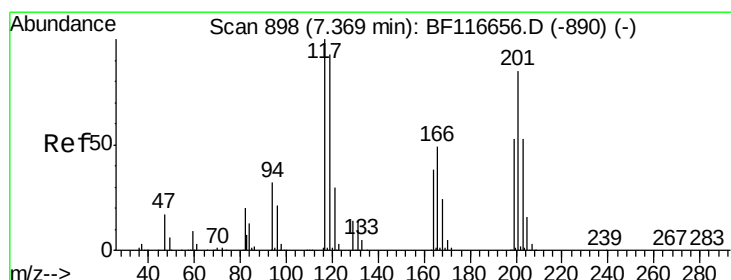
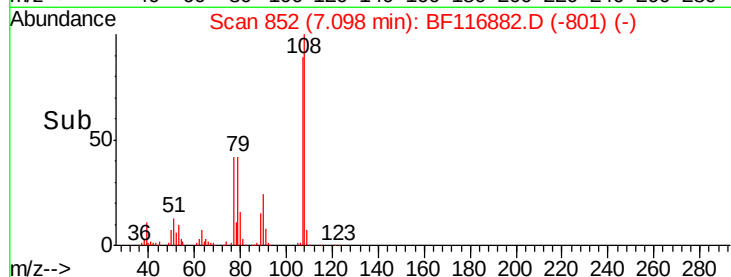
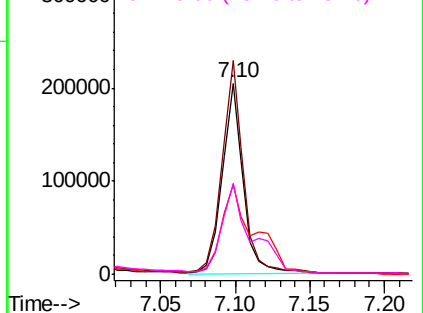
#17  
2-Methylphenol  
Concen: 41.357 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 204390 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.9 | 88.3  | 132.5  |
| 77       | 47.2  | 39.9  | 59.9   |
| 79       | 47.3  | 39.8  | 59.8   |

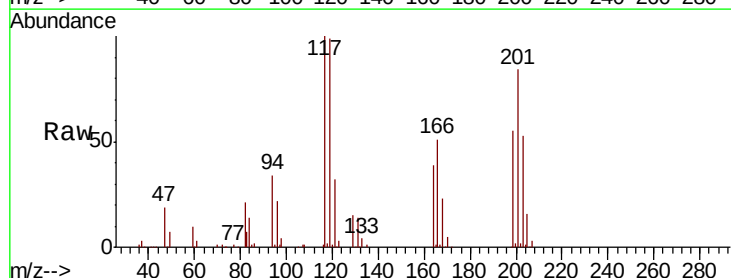


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

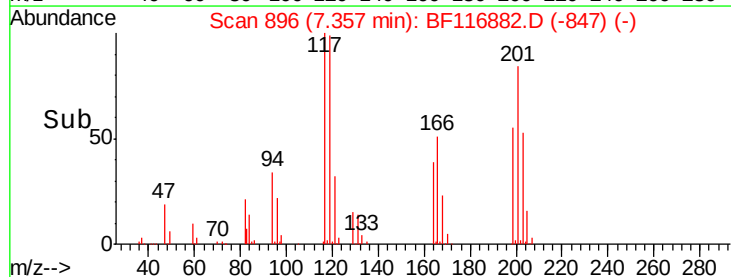
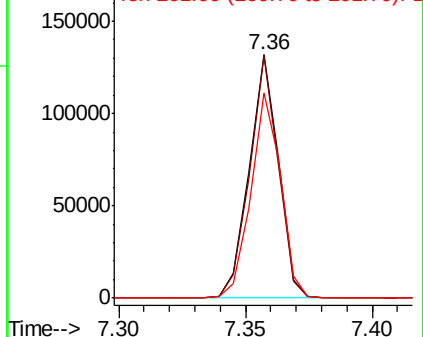


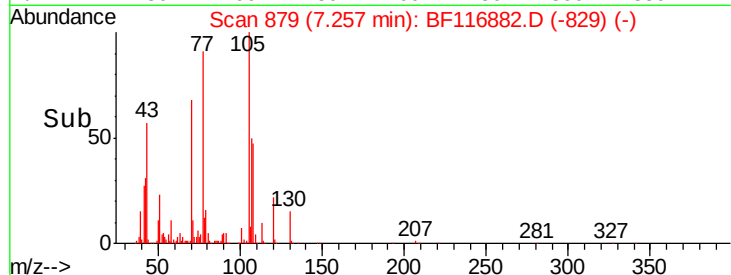
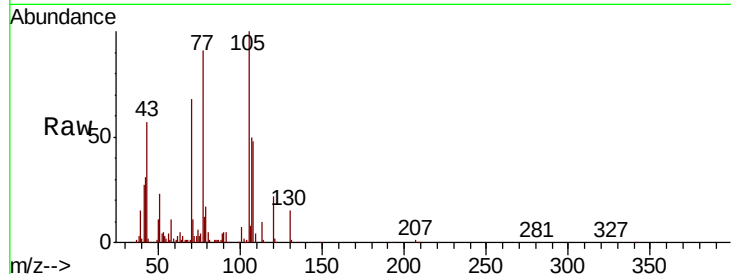
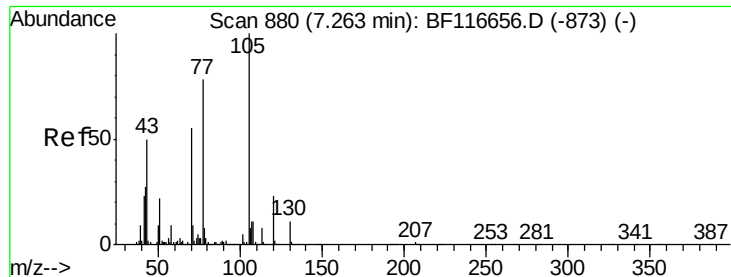
#18  
Hexachloroethane  
Concen: 43.097 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 106364 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.3  | 76.9  | 115.3  |
| 201      | 84.1  | 79.4  | 119.0  |



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

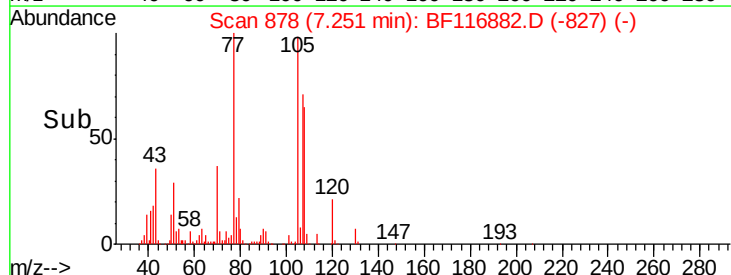
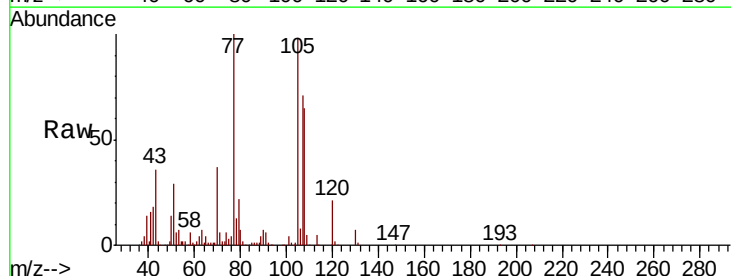
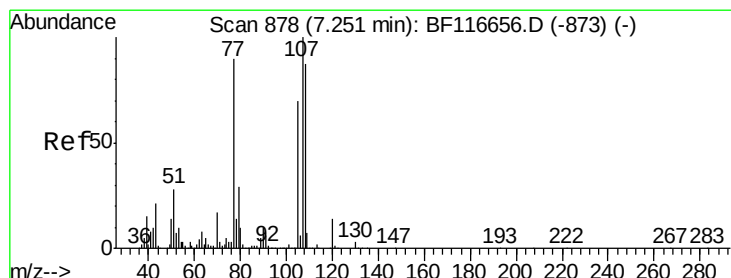
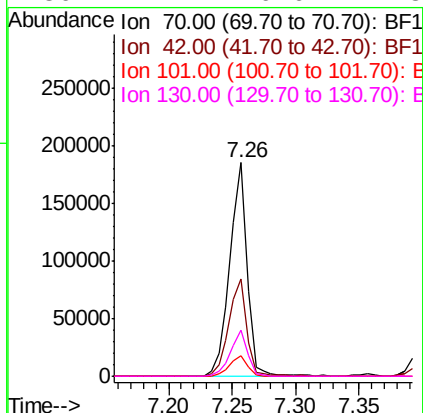




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.531 ng  
RT: 7.26 min Scan# 879  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

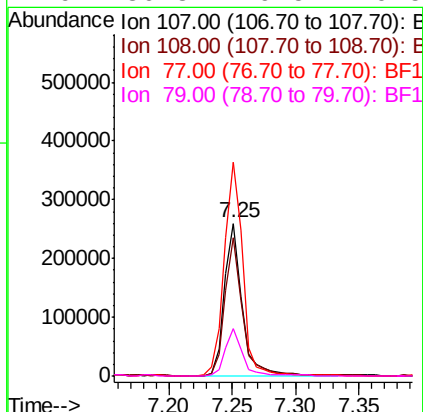
Instrument :  
BNA\_F  
ClientSampled :

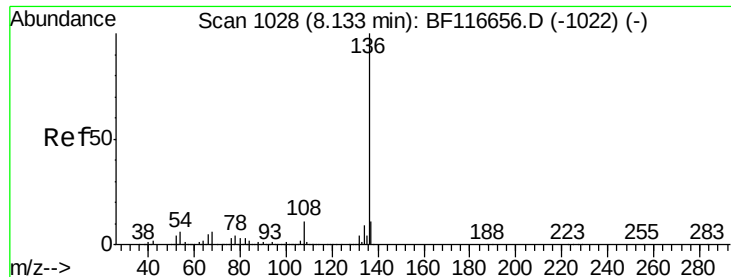
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 176755 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 45.5  | 43.5  | 65.3   |
| 101      | 9.7   | 7.8   | 11.6   |
| 130      | 21.4  | 16.6  | 24.8   |



#20  
3+4-Methylphenols  
Concen: 43.923 ng  
RT: 7.25 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 252394 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.5  | 65.5  | 105.5  |
| 77       | 140.0 | 69.4  | 109.4# |
| 79       | 30.8  | 9.5   | 49.5   |

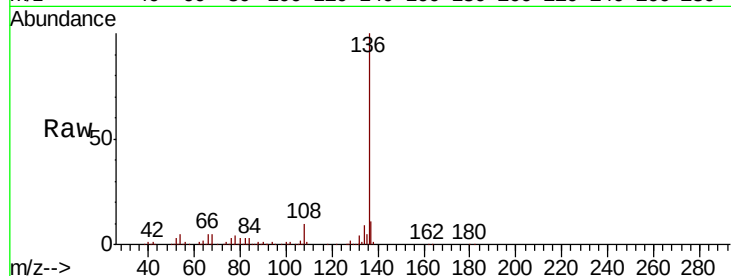




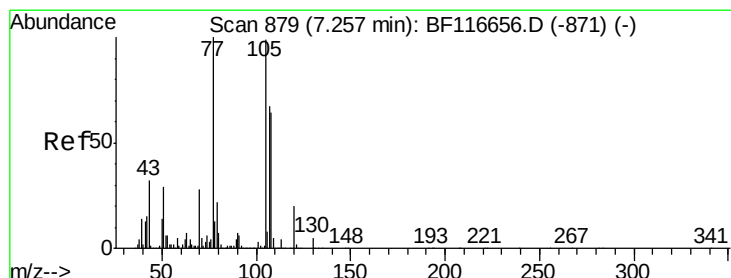
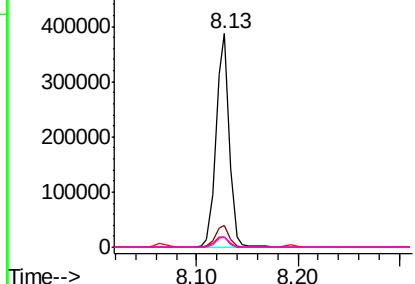
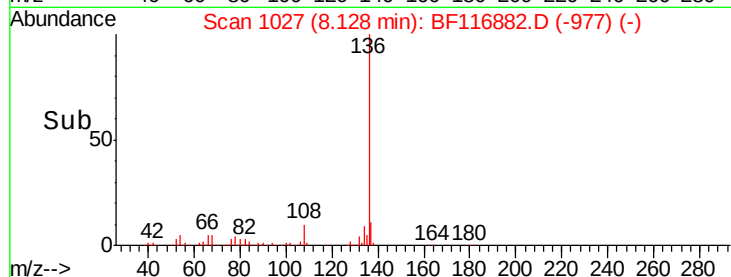
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 349661 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.5    | 8.9   | 13.3   |
| 54 4.8      | 4.8   | 7.2    |
| 68 4.6      | 4.0   | 6.0    |

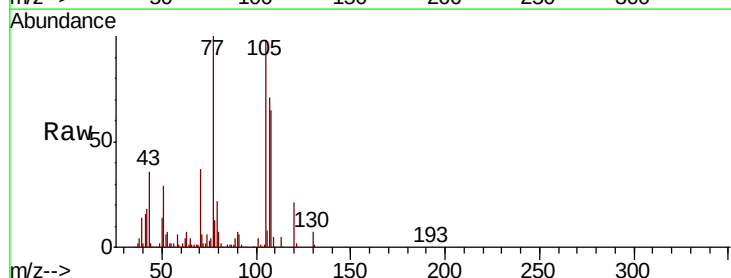


Abundance Ion 136.00 (135.70 to 136.70): E  
600000  
Ion 137.00 (136.70 to 137.70): E  
500000  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

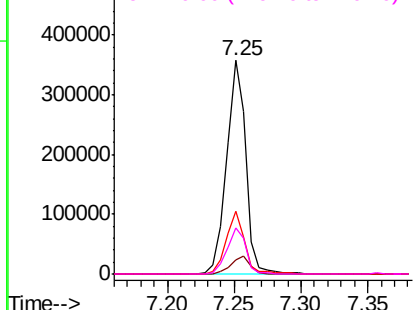
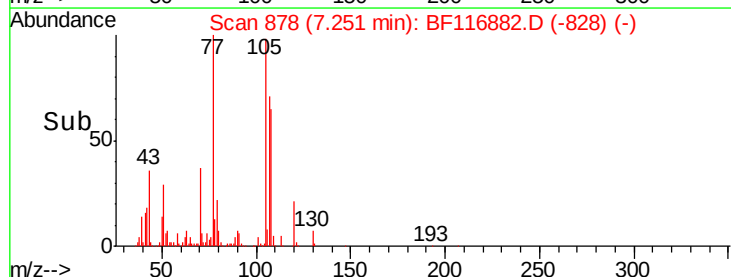


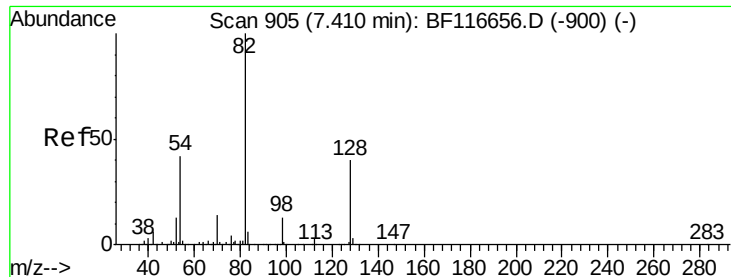
#22  
Acetophenone  
Concen: 43.296 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 364468 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.3     | 4.2   | 6.4    |
| 51  | 29.6    | 25.8  | 38.8   |
| 120 | 21.5    | 16.4  | 24.6   |



Abundance Ion 105.00 (104.70 to 105.70): E  
500000  
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

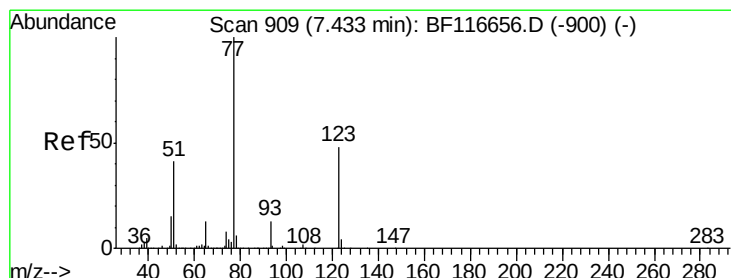
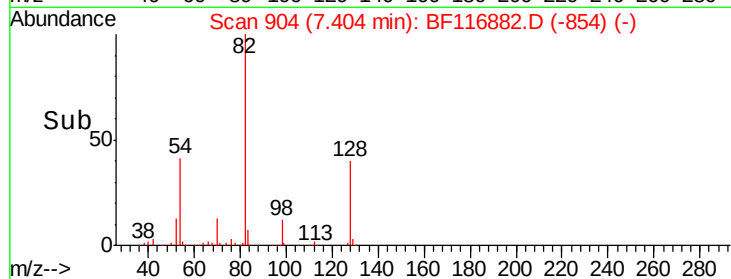
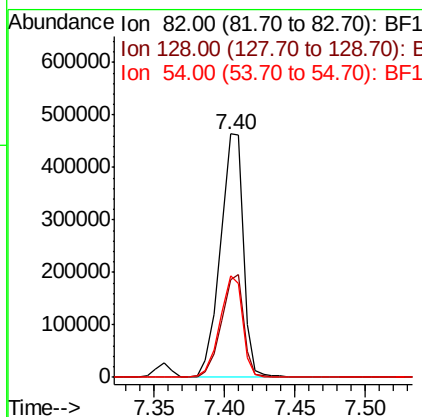
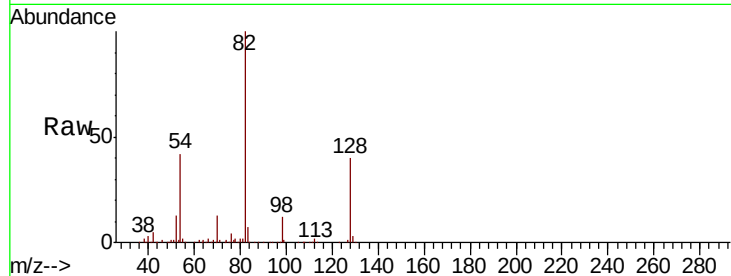




#23  
 Nitrobenzene-d5  
 Concen: 86.233 ng  
 RT: 7.40 min Scan# 904  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

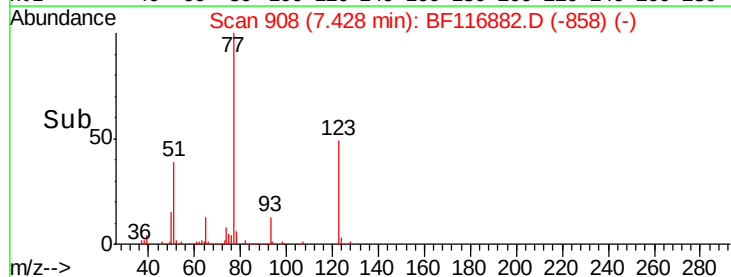
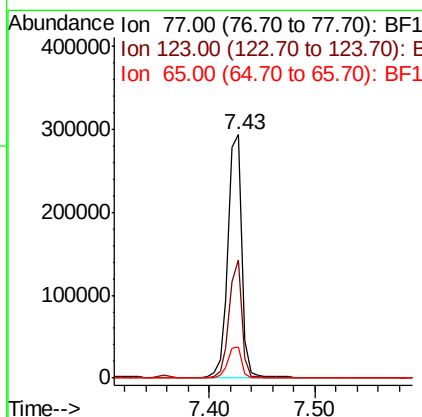
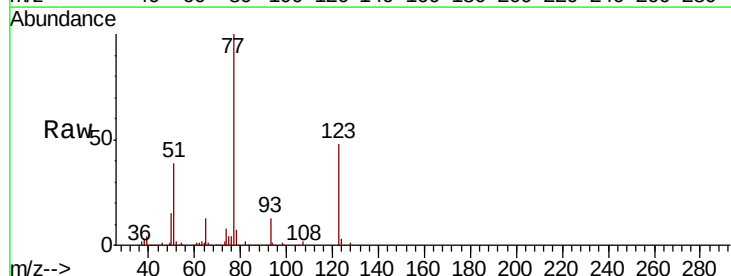
Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 528176 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 39.9 | 32.8  | 49.2   |
| 54        | 41.6 | 36.9  | 55.3   |

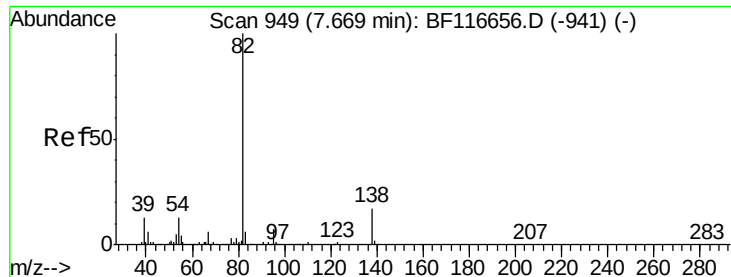


#24  
 Nitrobenzene  
 Concen: 42.733 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion   | 77   | Resp  | 266204 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 48.5 | 33.1  | 49.7   |
| 65        | 12.8 | 10.6  | 15.8   |







#25

Isophorone

Concen: 39.097 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

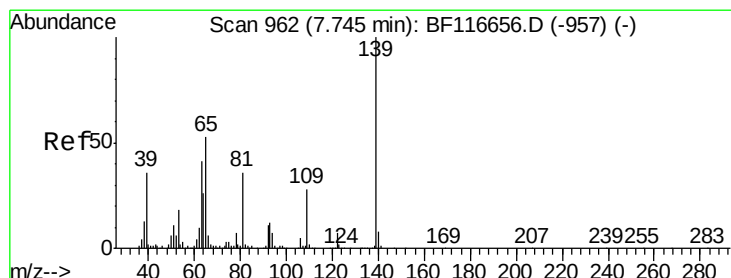
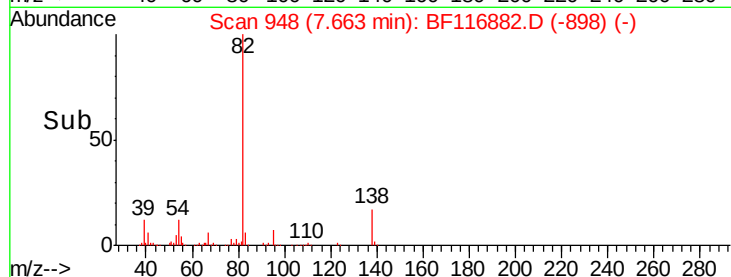
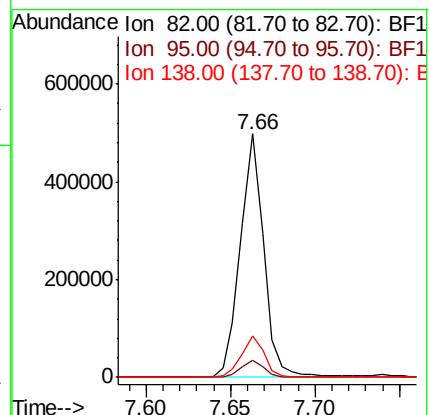
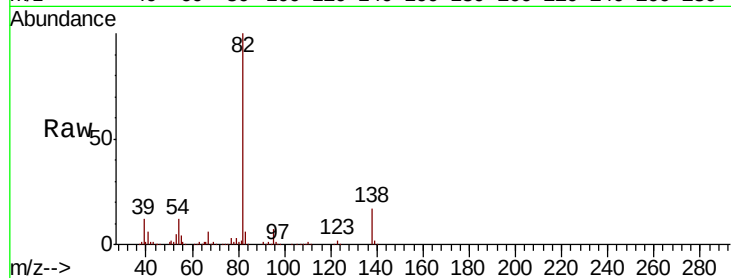
Tot Ion: 82 Resp: 485248

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 16.8 13.5 20.3



#26

2-Nitrophenol

Concen: 46.708 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

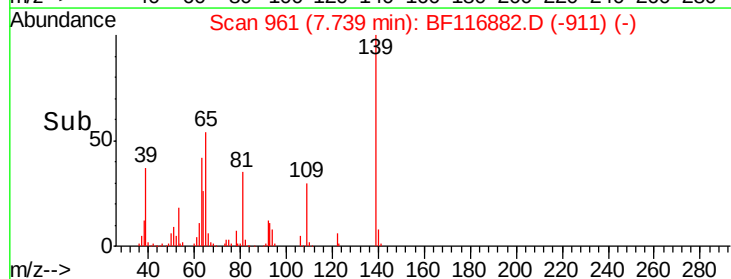
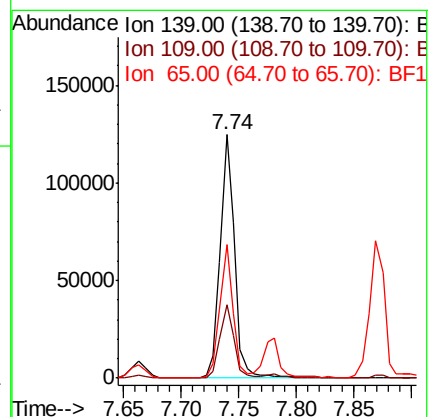
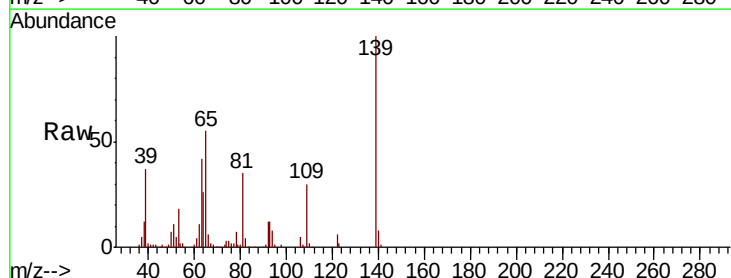
Tgt Ion: 139 Resp: 108174

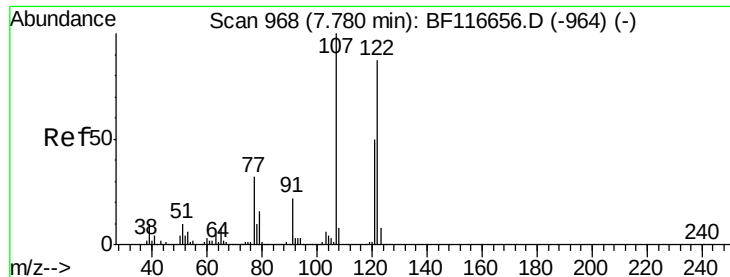
Ion Ratio Lower Upper

139 100

109 30.3 27.1 40.7

65 54.9 43.0 64.6

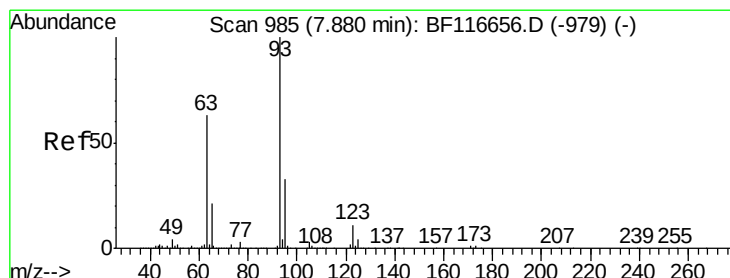
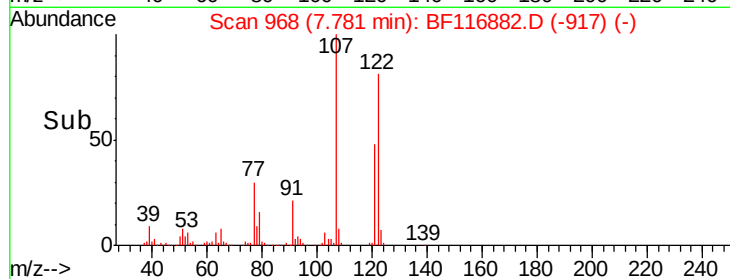
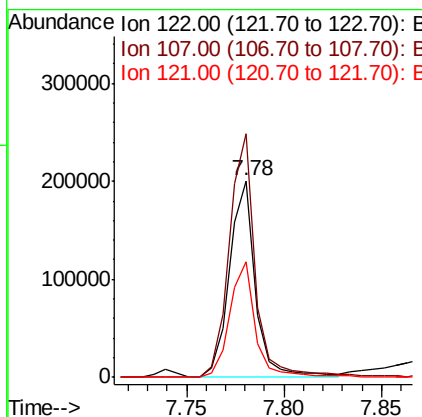
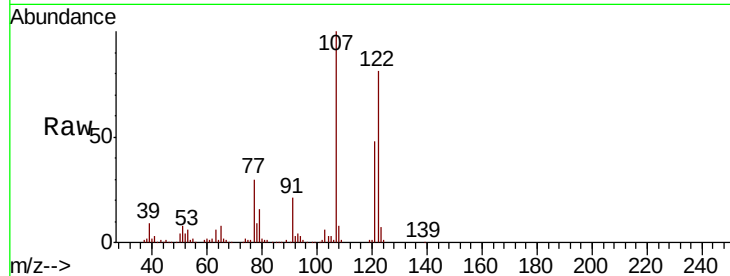




#27  
 2,4-Dimethylphenol  
 Concen: 39.701 ng  
 RT: 7.78 min Scan# 968  
 Delta R.T. 0.00 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

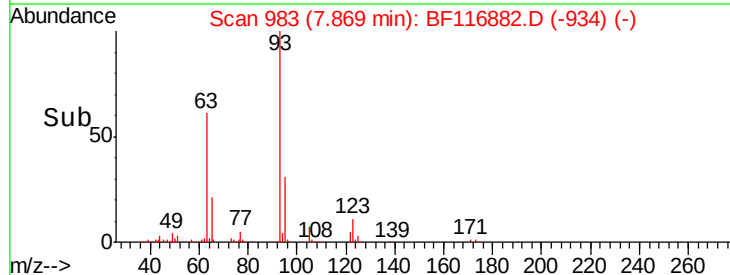
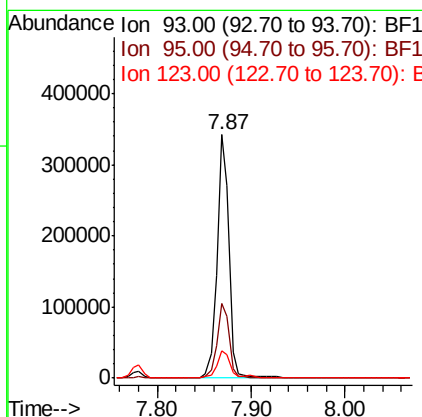
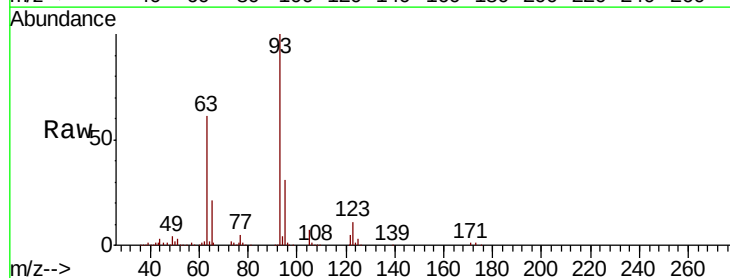
Instrument :  
 BNA\_F  
 ClientSampleId :

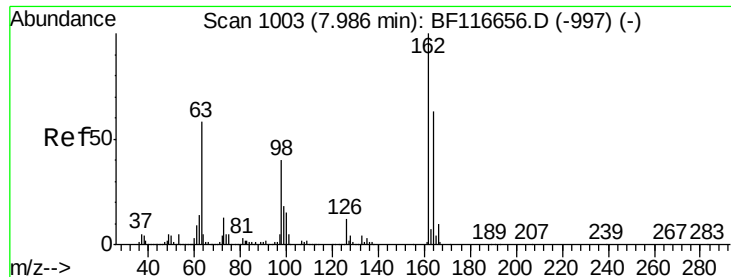
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 123.7 | 98.1  | 147.1 |
| 121     | 59.0  | 47.3  | 70.9  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.413 ng  
 RT: 7.87 min Scan# 983  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.8  | 26.4  | 39.6  |
| 123     | 11.1  | 9.8   | 14.8  |

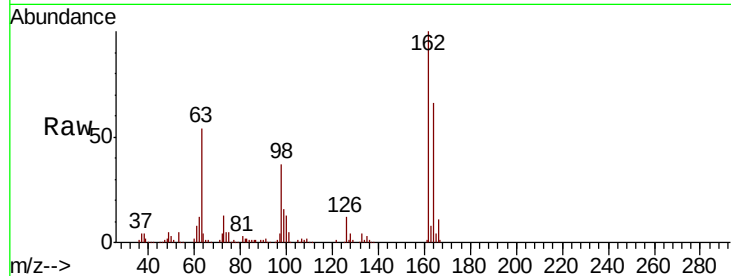




#29  
 2,4-Dichlorophenol  
 Concen: 43.678 ng  
 RT: 7.99 min Scan# 1003  
 Delta R.T. 0.00 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.9  | 43.4  | 83.4  |
| 98      | 37.3  | 18.1  | 58.1  |

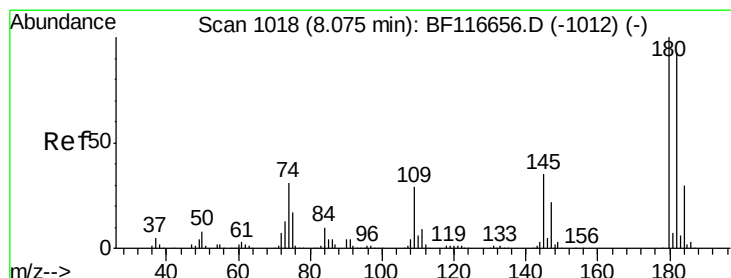
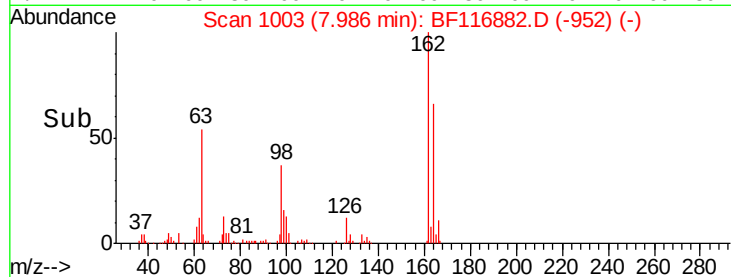
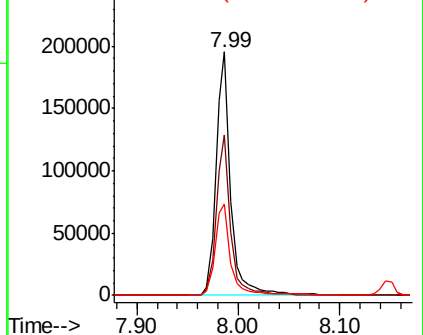


Abundance

Ion 162.00 (161.70 to 162.70): E

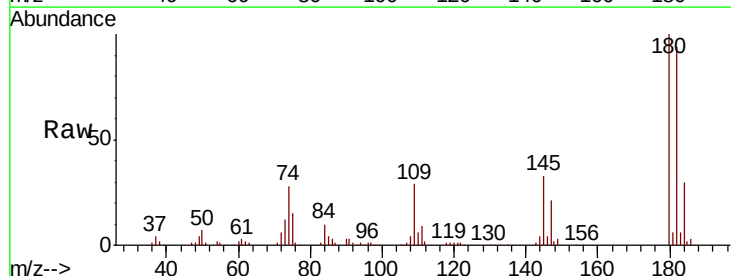
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.621 ng  
 RT: 8.07 min Scan# 1017  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.9  | 78.6  | 118.0 |
| 145     | 33.4  | 25.7  | 38.5  |

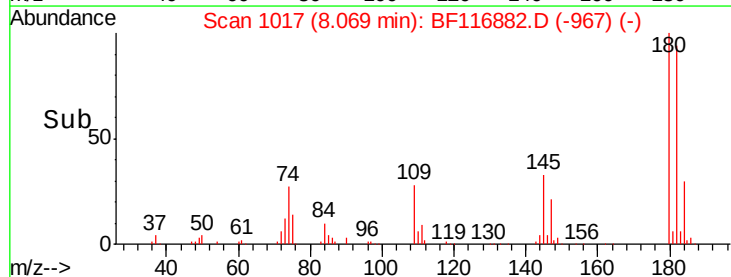
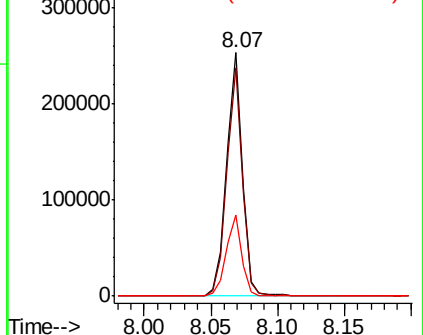


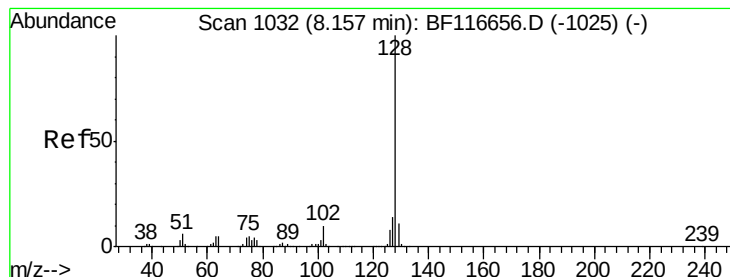
Abundance

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: 42.062 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

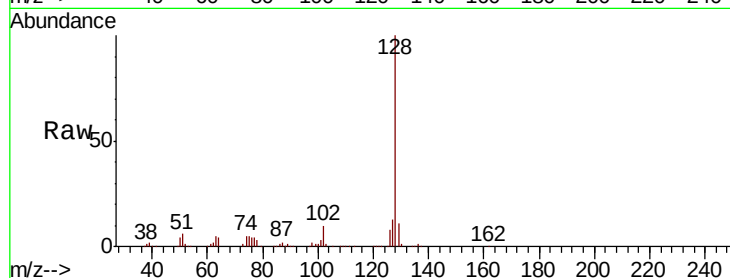
Tot Ion:128 Resp: 699350

Ion Ratio Lower Upper

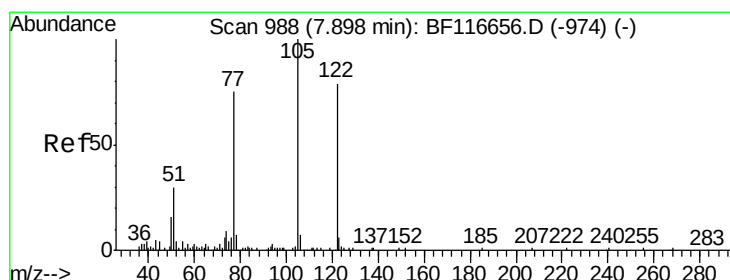
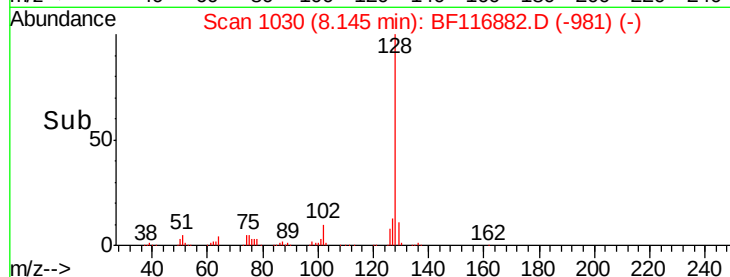
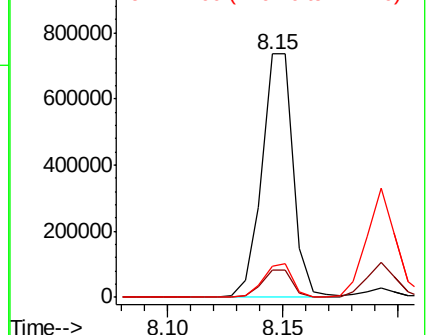
128 100

129 11.1 8.6 13.0

127 13.0 10.4 15.6



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: 38.741 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

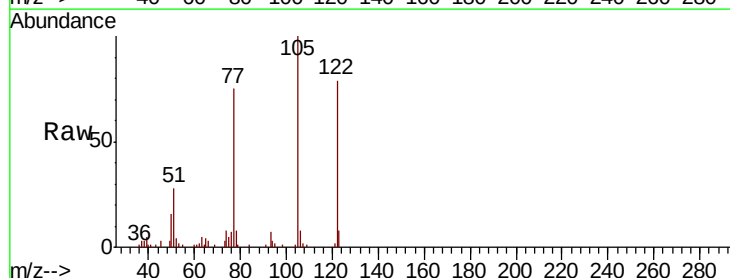
Tgt Ion:122 Resp: 102314

Ion Ratio Lower Upper

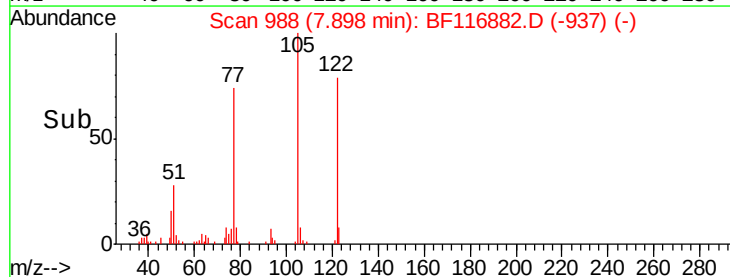
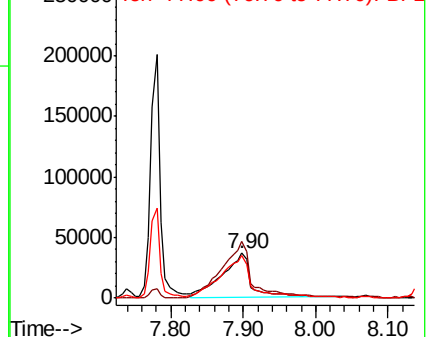
122 100

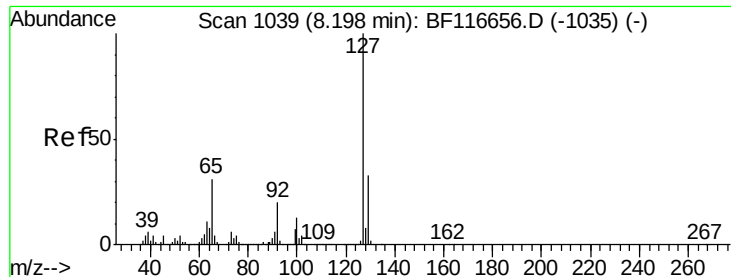
105 126.5 110.0 150.0

77 94.9 81.7 121.7



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

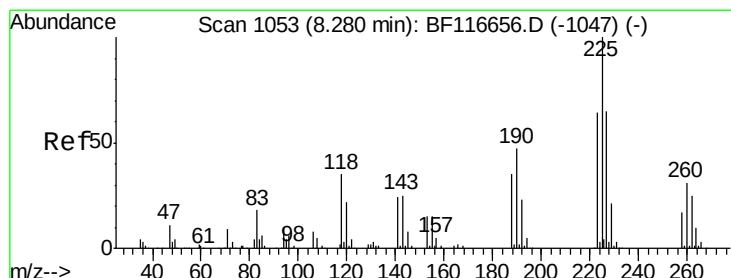
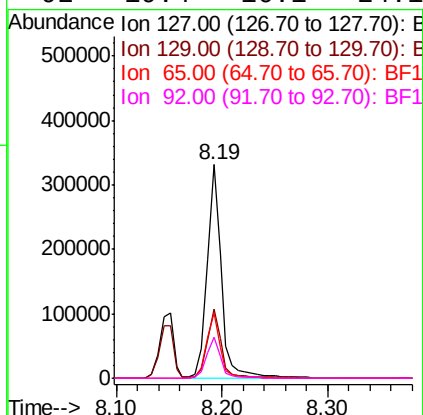
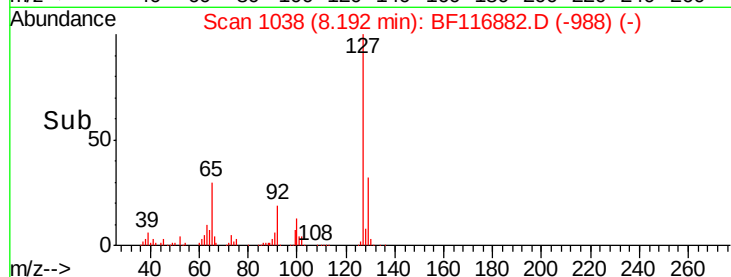
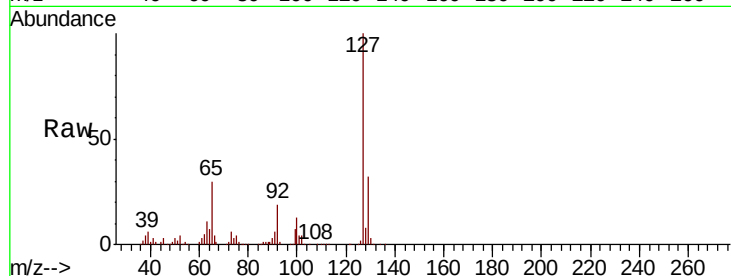




#33  
4-Chloroaniline  
Concen: 40.965 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

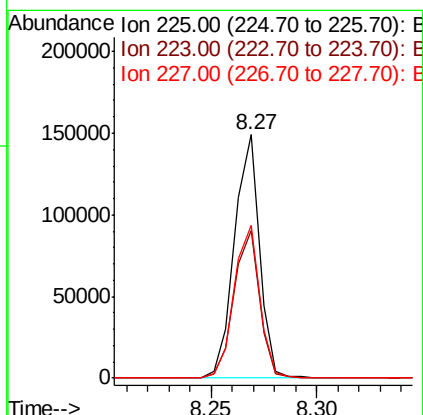
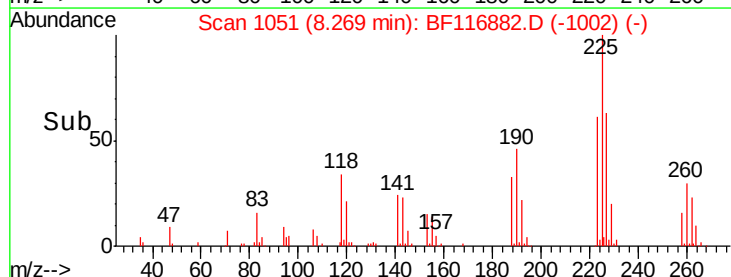
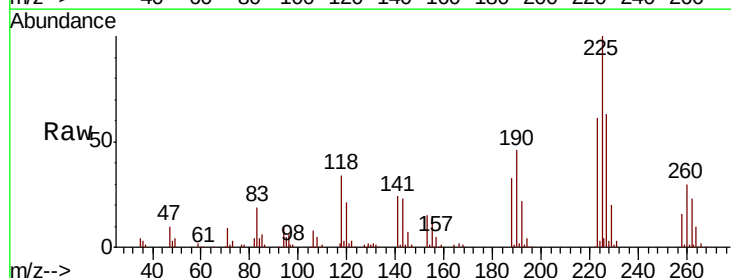
Instrument :  
BNA\_F  
ClientSampled :

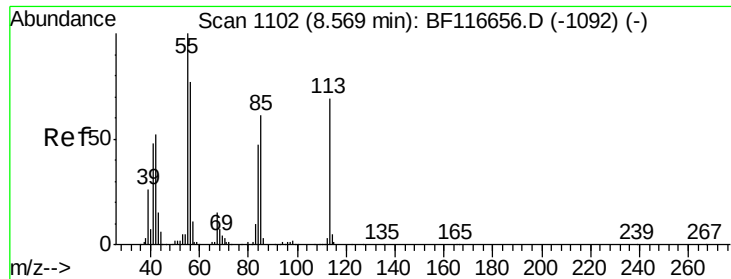
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 310046    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.5  | 26.2 39.2 |
| 65          | 30.4  | 26.0 39.0 |
| 92          | 19.4  | 16.1 24.1 |



#34  
Hexachlorobutadiene  
Concen: 45.761 ng  
RT: 8.27 min Scan# 1051  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 121648    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.6  | 49.4 74.2 |
| 227         | 62.8  | 51.0 76.4 |

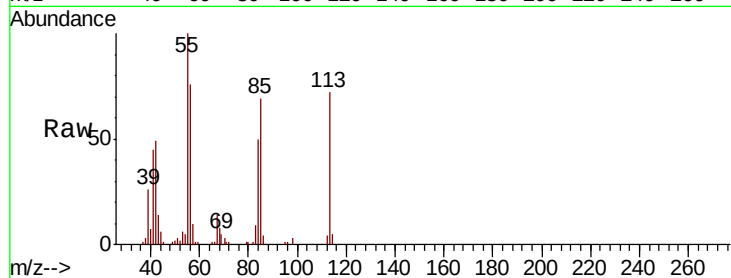




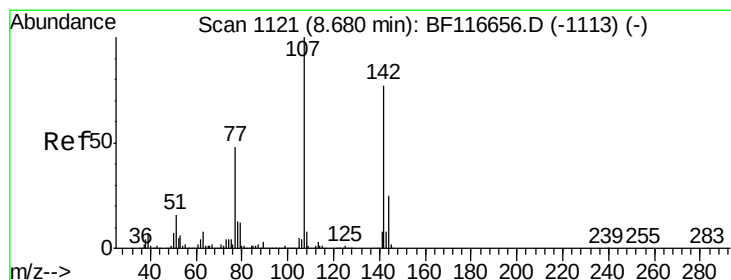
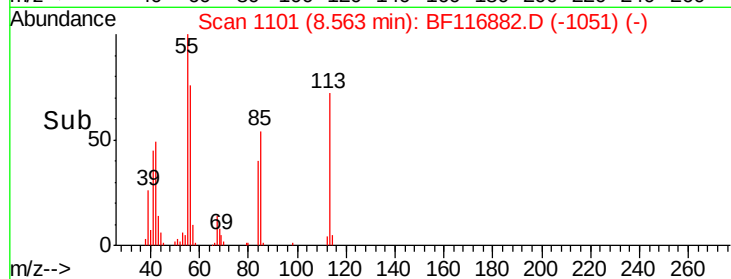
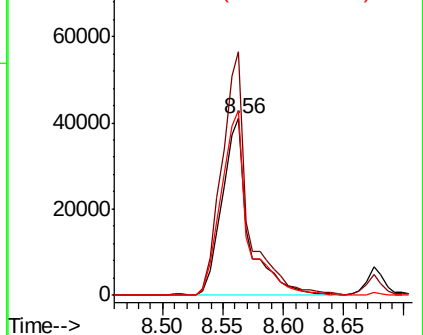
#35  
Caprolactam  
Concen: 37.274 ng  
RT: 8.56 min Scan# 1101  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:113 Resp: 62703  
Ion Ratio Lower Upper  
113 100  
55 138.0 124.3 164.3  
56 104.7 94.6 134.6

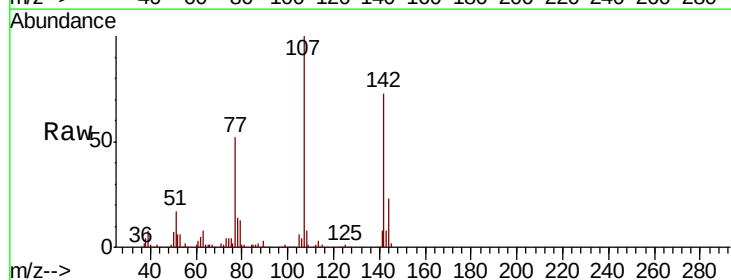


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

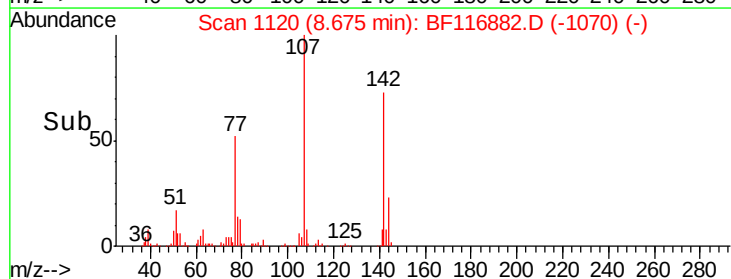
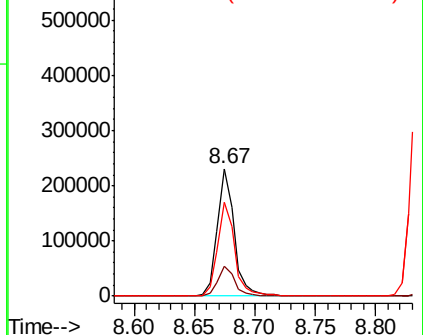


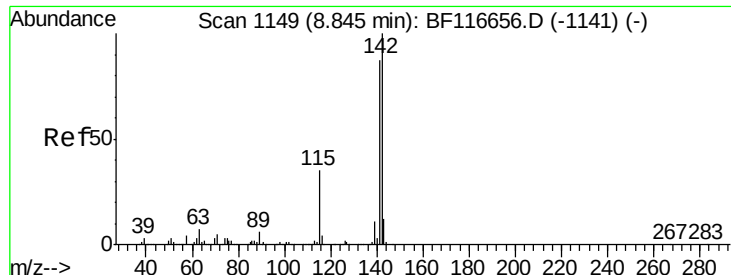
#36  
4-Chloro-3-methylphenol  
Concen: 43.205 ng  
RT: 8.67 min Scan# 1120  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Tgt Ion:107 Resp: 223212  
Ion Ratio Lower Upper  
107 100  
144 23.4 18.6 27.8  
142 73.3 58.5 87.7



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

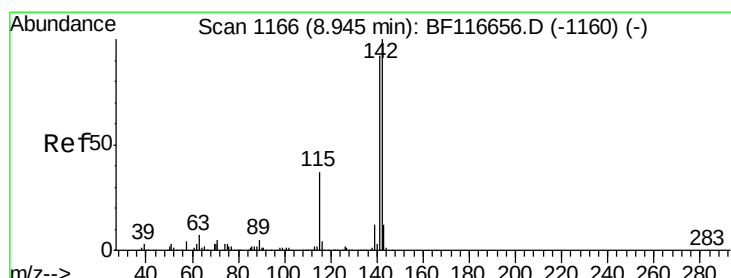
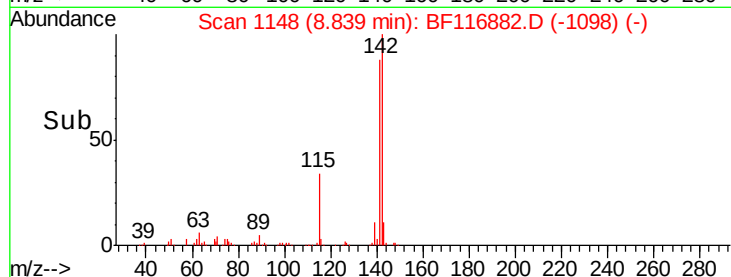
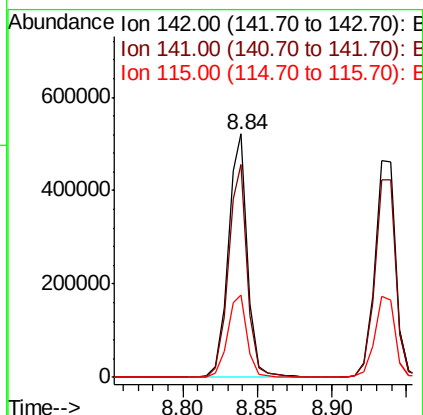
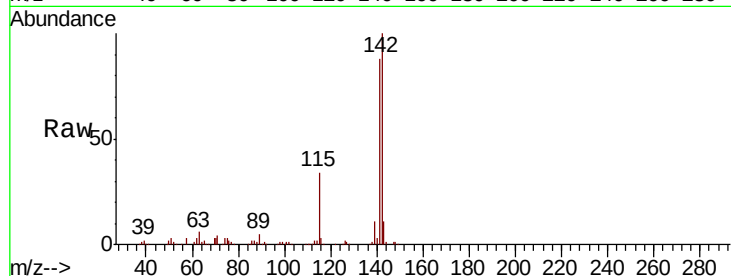




#37  
2-Methylnaphthalene  
Concen: 42.838 ng  
RT: 8.84 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

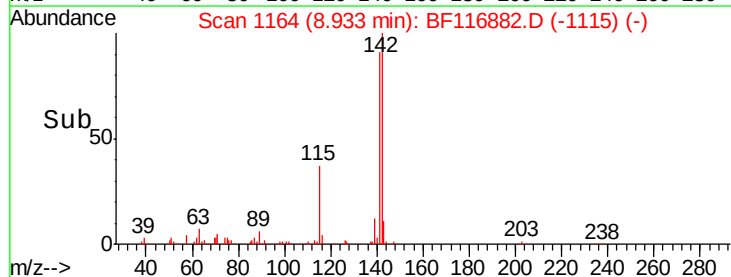
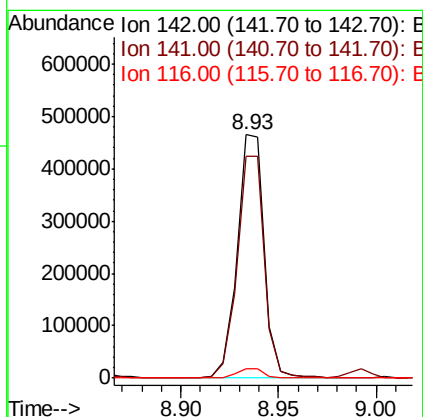
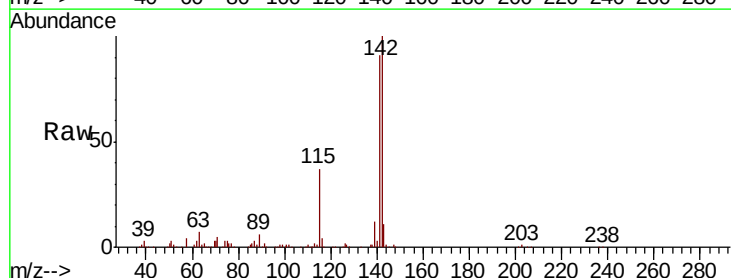
Instrument :  
BNA\_F  
ClientSampleId :

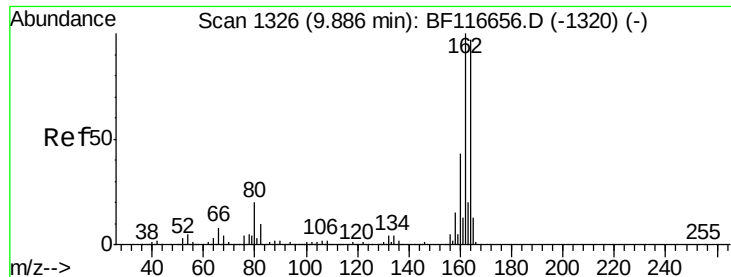
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.7  | 72.6  | 109.0 |
| 115     | 34.0  | 29.8  | 44.6  |



#38  
1-Methylnaphthalene  
Concen: 42.350 ng  
RT: 8.93 min Scan# 1164  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.1  | 73.9  | 110.9 |
| 116     | 3.9   | 3.0   | 4.6   |

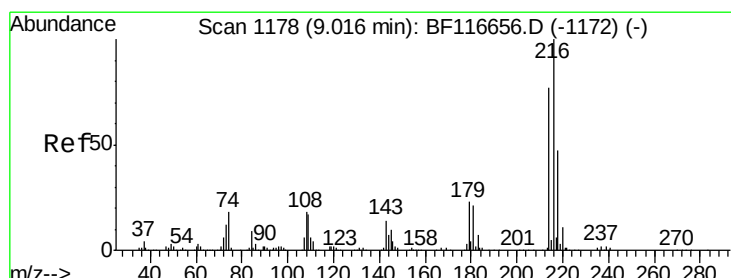
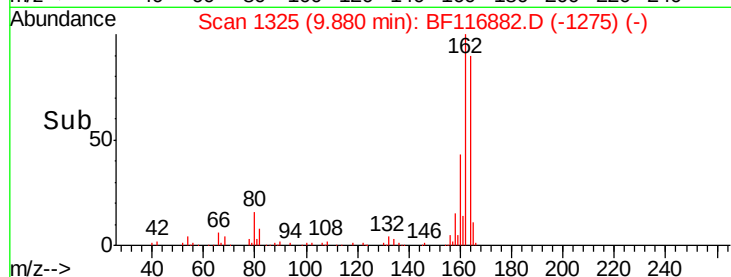
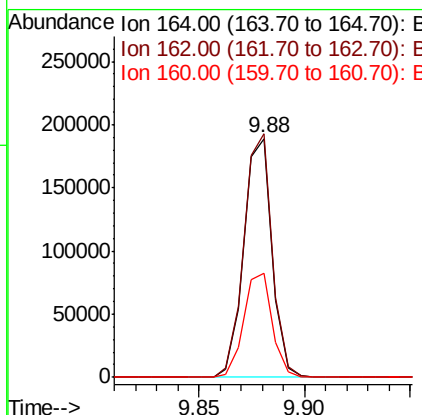
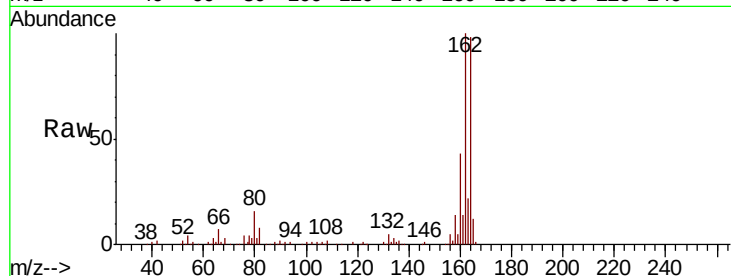




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

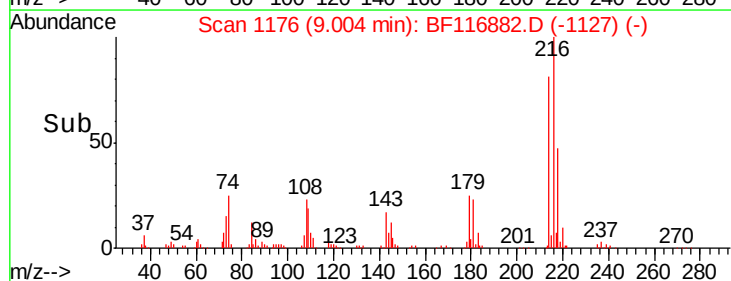
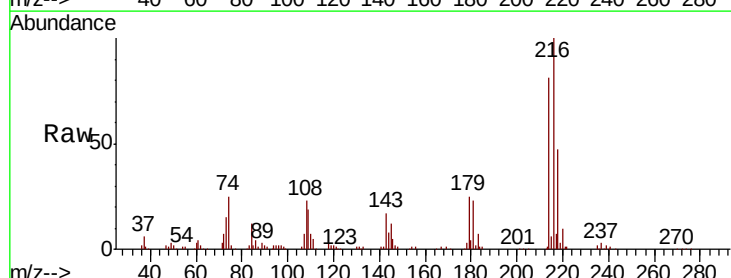
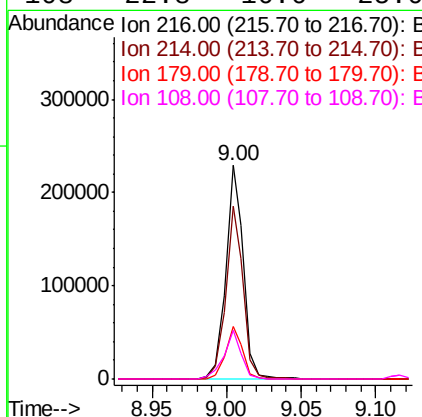
Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.9 | 81.4  | 122.0 |
| 160     | 43.3  | 35.4  | 53.2  |

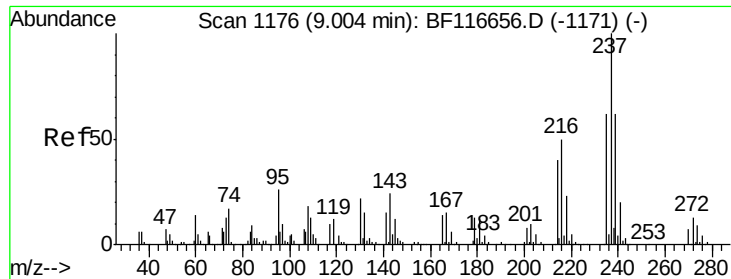


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.408 ng  
 RT: 9.00 min Scan# 1176  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.7  | 62.7  | 94.1  |
| 179     | 24.4  | 19.3  | 28.9  |
| 108     | 22.8  | 16.6  | 25.0  |







#41

Hexachlorocyclopentadiene

Concen: 37.688 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF116882.D

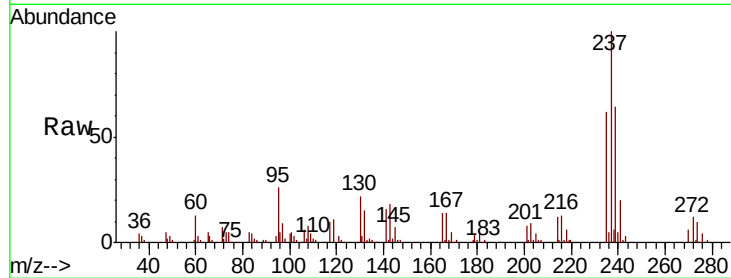
Acq: 8 Sep 2019 21:11

Instrument :

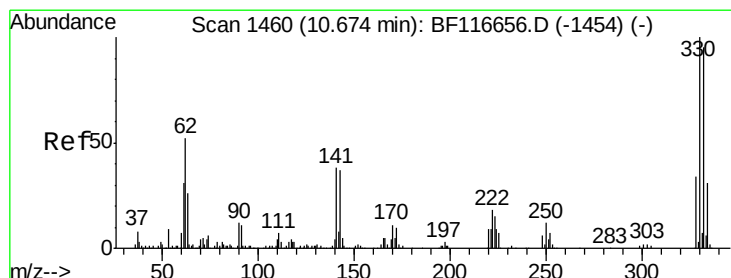
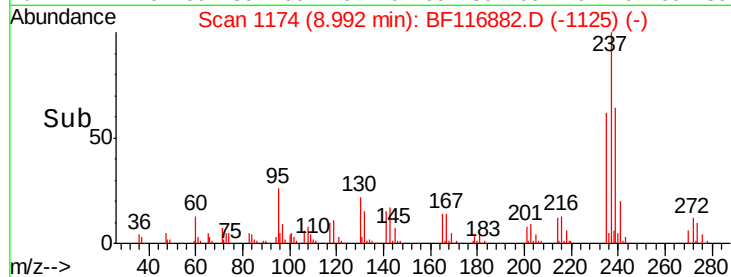
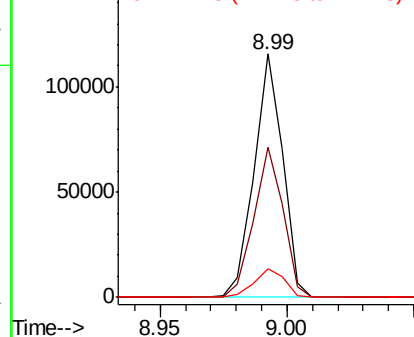
BNA\_F

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 237   | Resp: | 91182 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 61.6  | 41.4  | 81.4  |
| 272      | 12.0  | 0.0   | 32.8  |



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: 102.183 ng

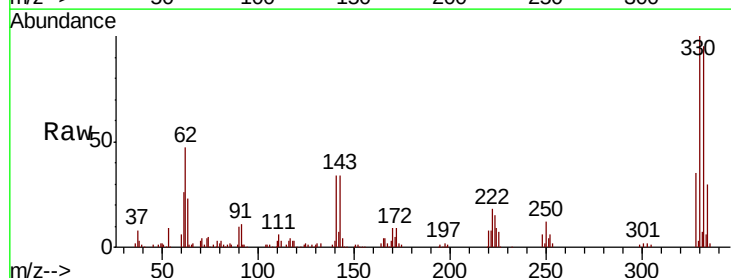
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

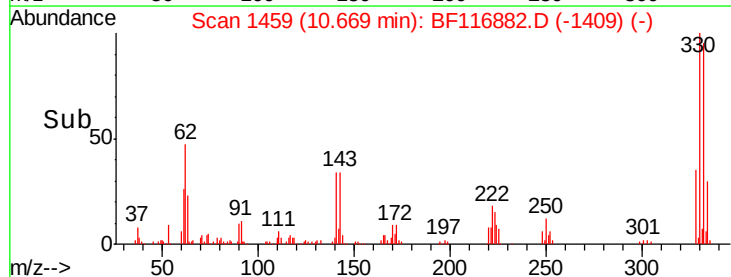
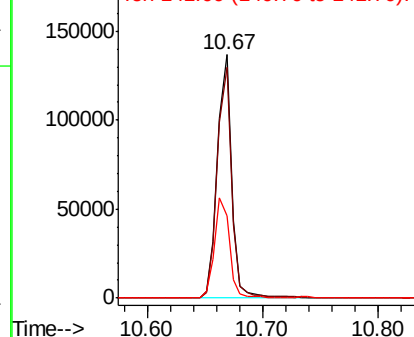
Lab File: BF116882.D

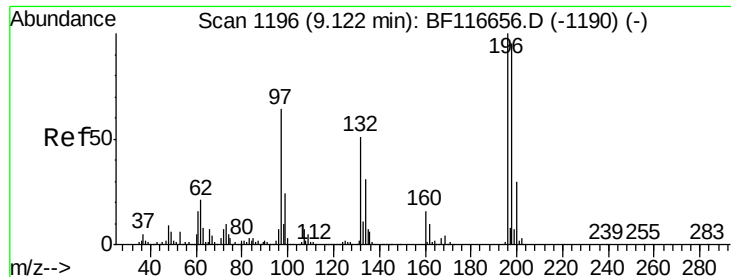
Acq: 8 Sep 2019 21:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 119392 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 95.3  | 76.9  | 115.3  |
| 141      | 42.5  | 31.4  | 47.2   |



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

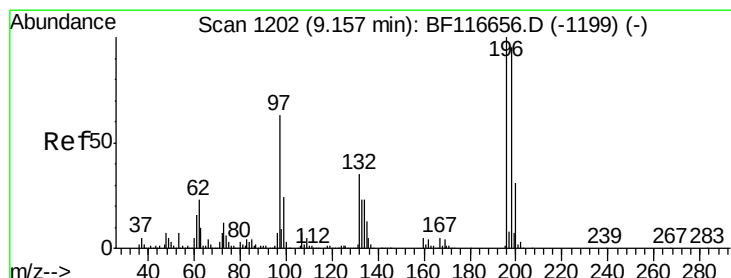
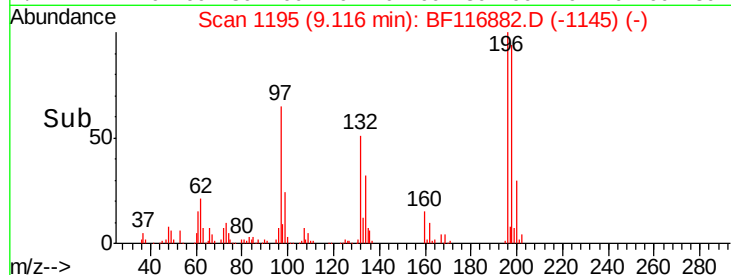
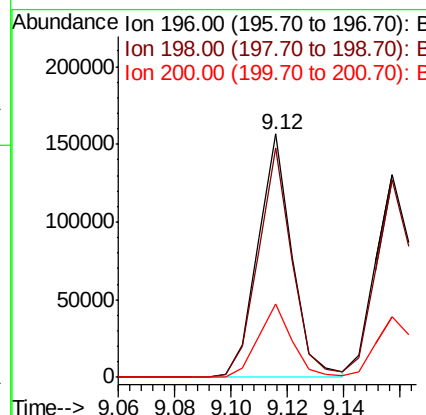
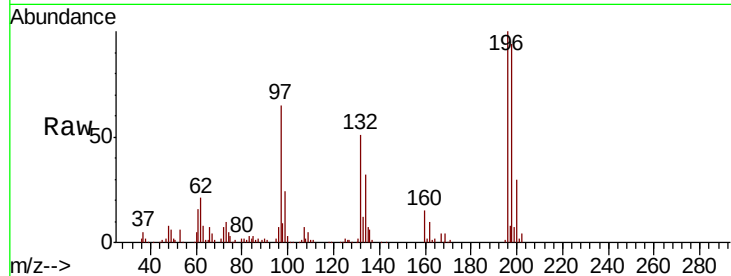




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.626 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

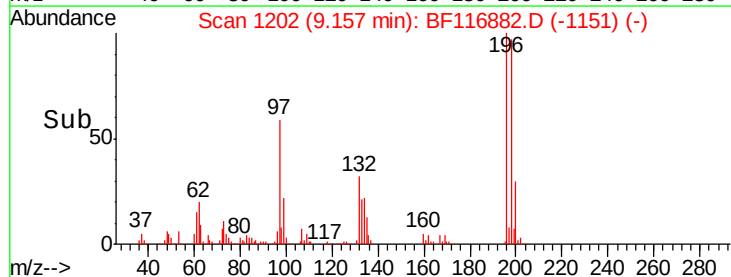
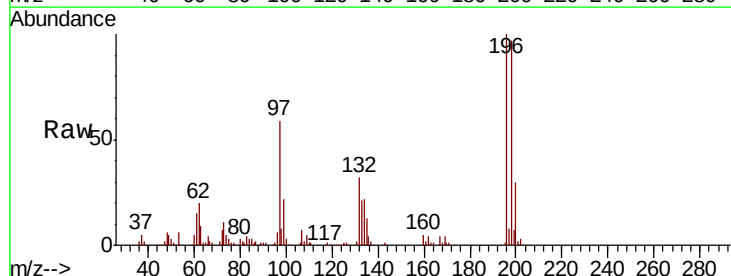
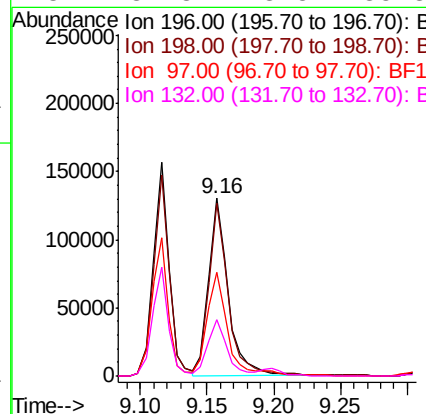
Instrument :  
 BNA\_F  
 ClientSampleId :

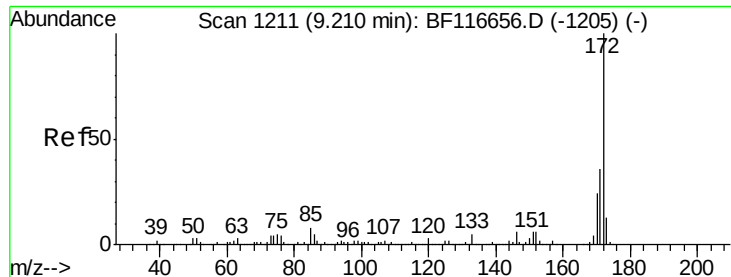
| Tot Ion   | 196   | Resp  | 131038 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.2  | 79.1  | 118.7  |
| 200       | 30.2  | 24.0  | 36.0   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.336 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. 0.00 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion   | 196   | Resp  | 135176 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.3  | 78.1  | 117.1  |
| 97        | 58.7  | 41.6  | 62.4   |
| 132       | 31.8  | 23.5  | 35.3   |





#45

2-Fluorobiphenyl

Concen: 91.060 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampled :

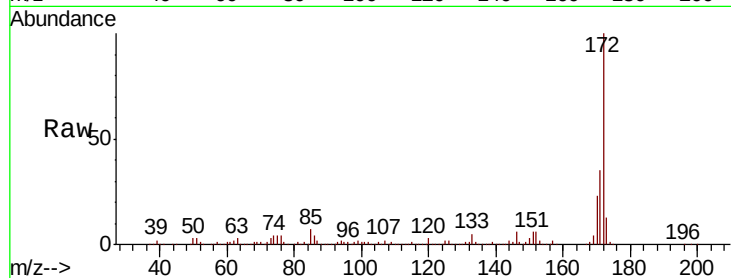
Tot Ion:172 Resp: 943451

Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

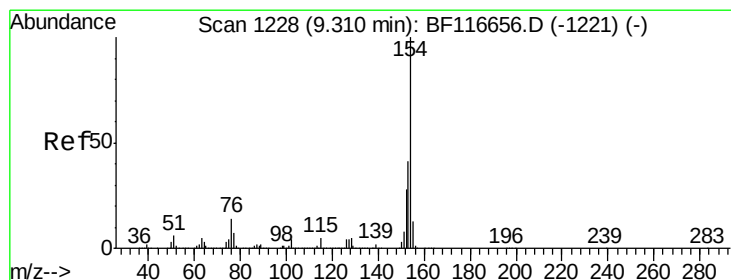
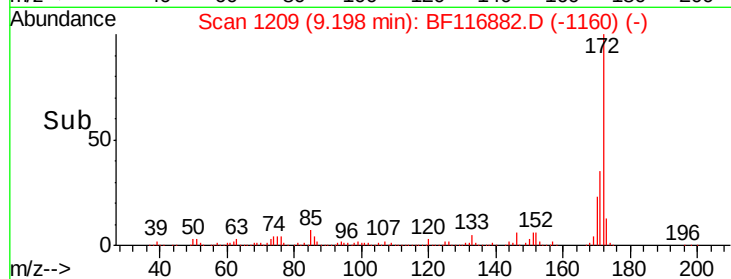
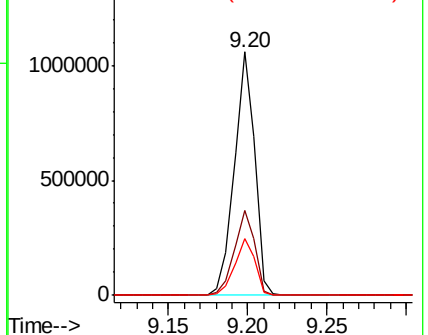
170 23.4 18.9 28.3



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: 43.039 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

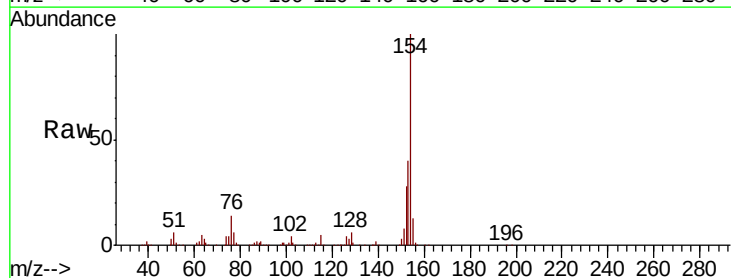
Tgt Ion:154 Resp: 570796

Ion Ratio Lower Upper

154 100

153 39.9 21.2 61.2

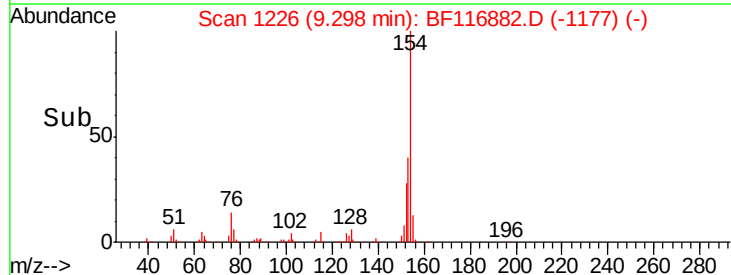
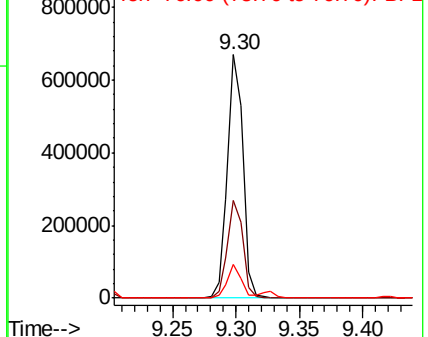
76 13.7 0.0 30.9

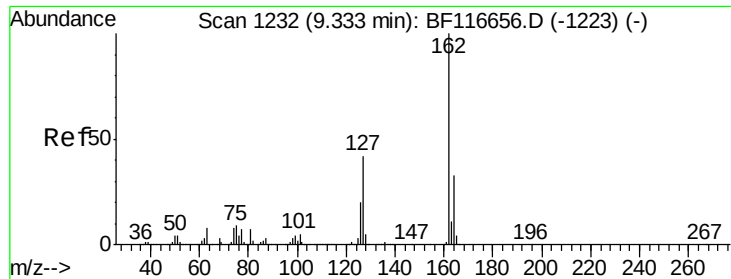


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

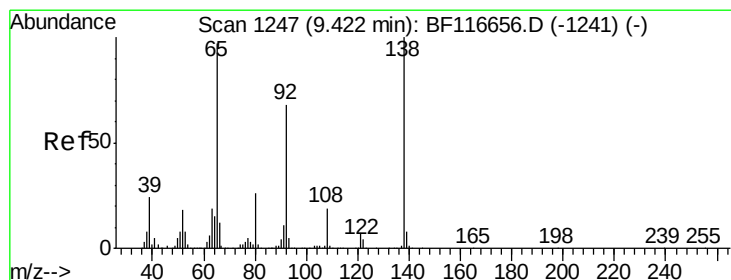
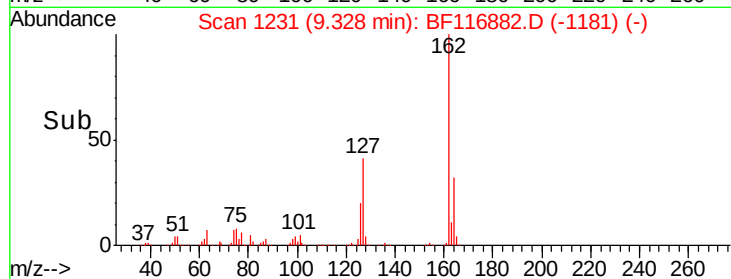
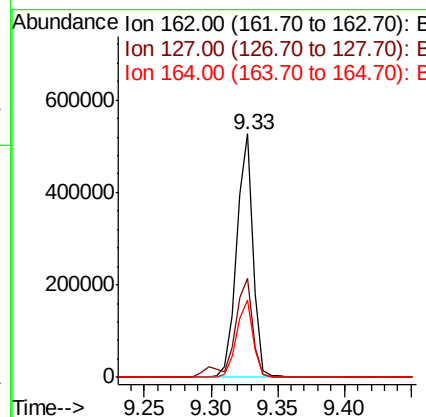
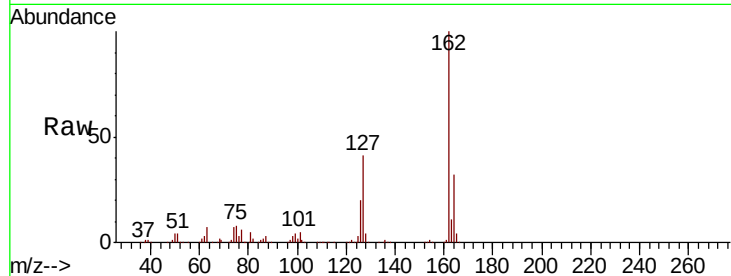




#47  
 2-Chloronaphthalene  
 Concen: 43.482 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

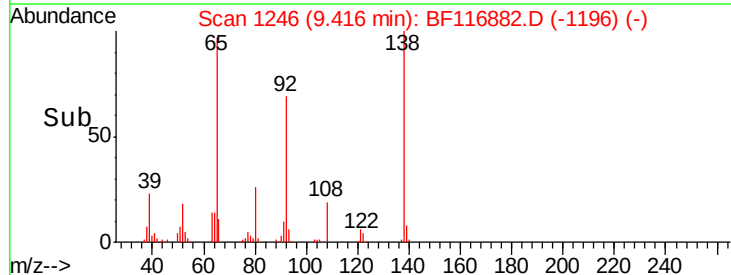
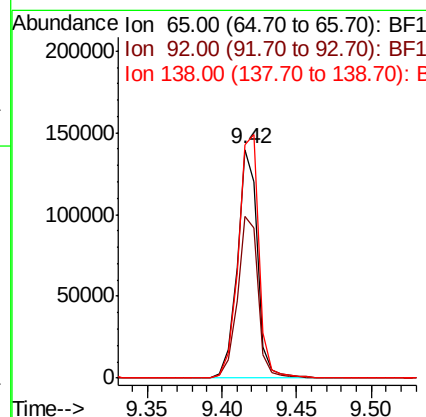
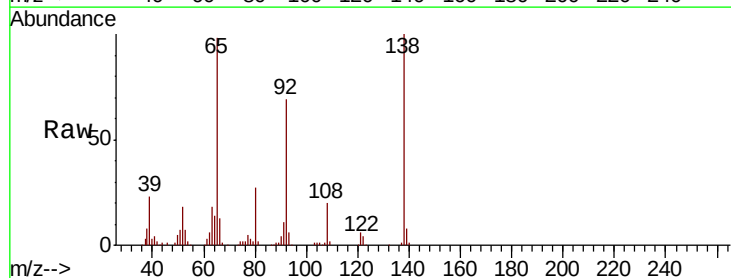
Instrument :  
 BNA\_F  
 ClientSampleId :

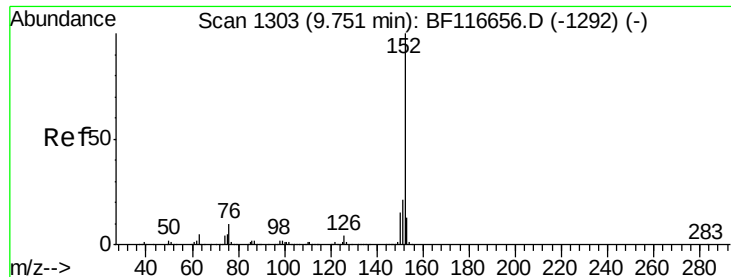
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.5  | 33.4  | 50.2  |
| 164     | 31.8  | 26.6  | 39.8  |



#48  
 2-Nitroaniline  
 Concen: 44.047 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.5  | 57.1  | 85.7  |
| 138     | 102.2 | 88.2  | 132.2 |





#49

Acenaphthylene

Concen: 42.514 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

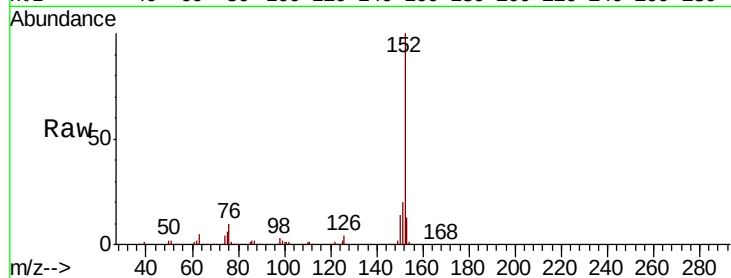
Tot Ion:152 Resp: 675051

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

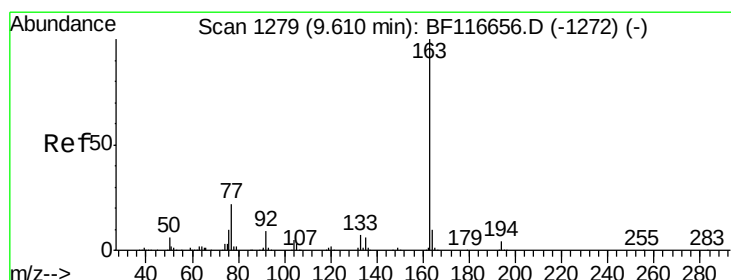
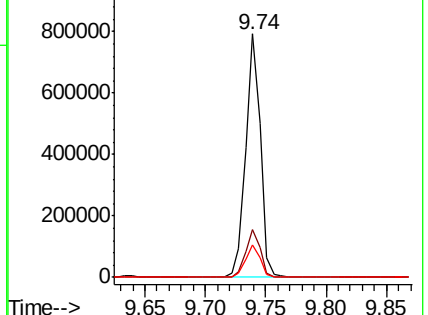
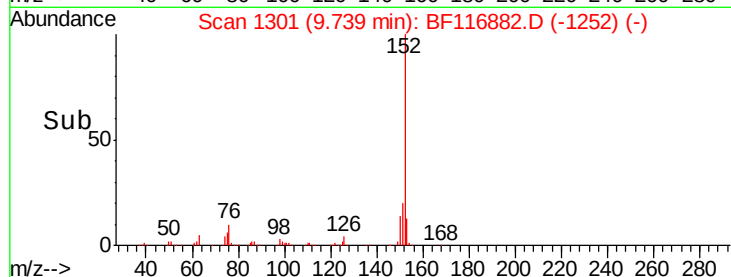
153 13.3 10.9 16.3



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: 42.237 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

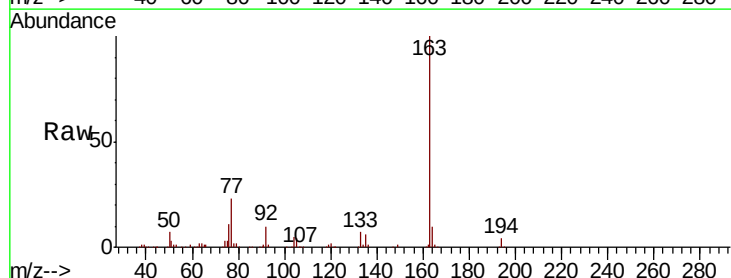
Tgt Ion:163 Resp: 509655

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

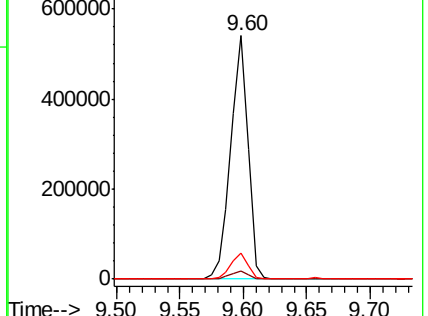
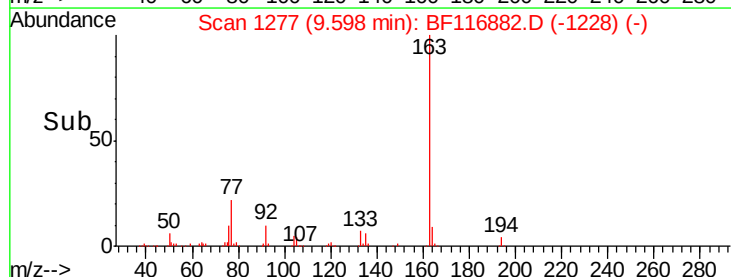
164 10.5 8.6 12.8

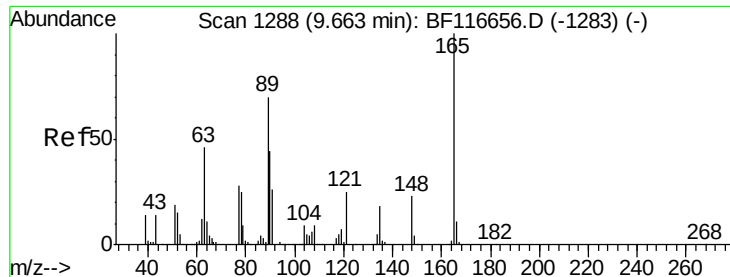


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

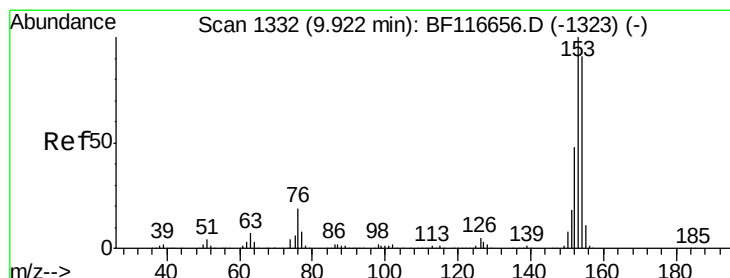
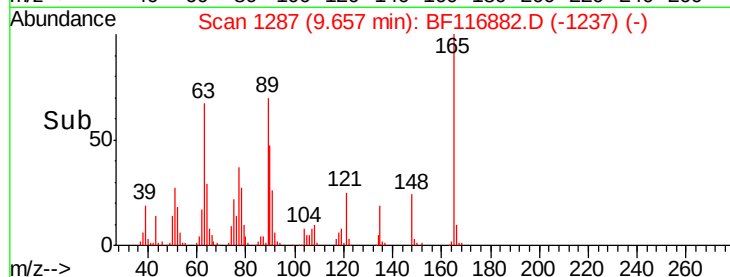
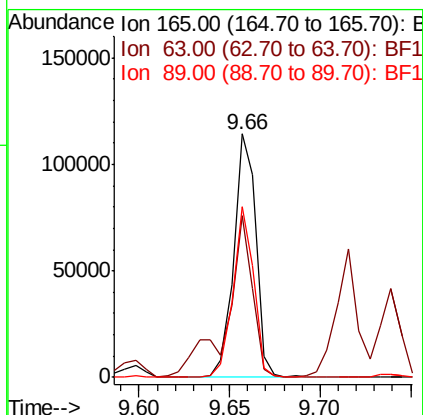
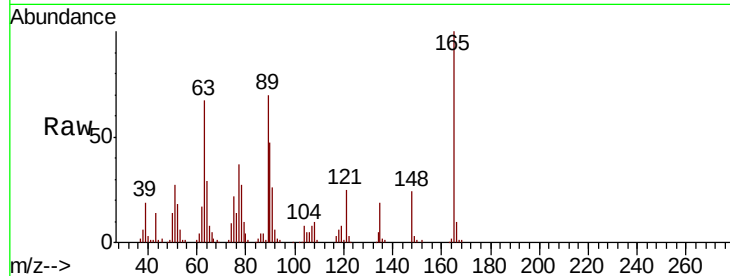




#51  
 2,6-Dinitrotoluene  
 Concen: 42.165 ng  
 RT: 9.66 min Scan# 1287  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

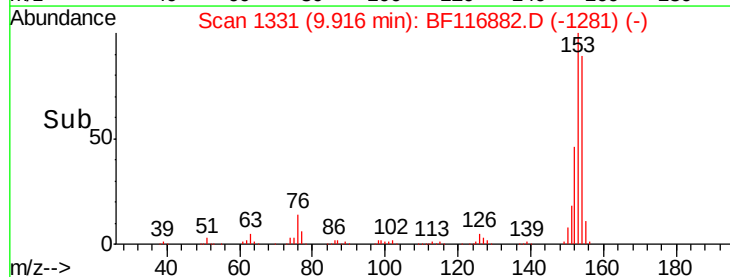
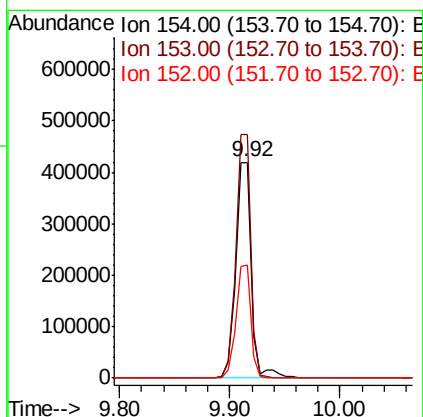
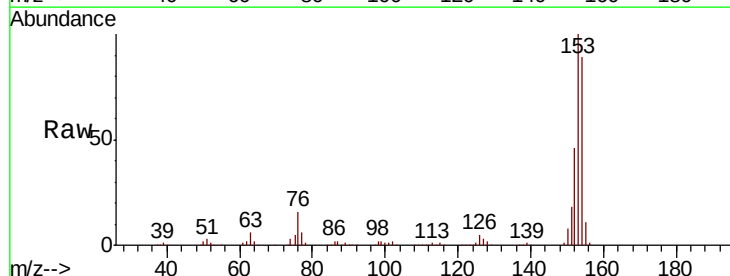
Instrument :  
 BNA\_F  
 ClientSampleId :

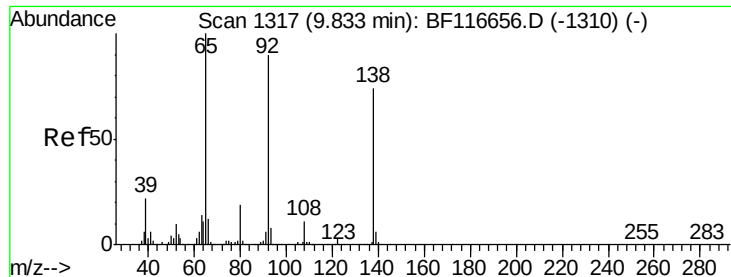
Tot Ion:165 Resp: 97073  
 Ion Ratio Lower Upper  
 165 100  
 63 66.6 47.3 70.9  
 89 70.2 52.5 78.7



#52  
 Acenaphthene  
 Concen: 42.732 ng  
 RT: 9.92 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

Tgt Ion:154 Resp: 416904  
 Ion Ratio Lower Upper  
 154 100  
 153 113.0 89.5 134.3  
 152 52.4 41.9 62.9

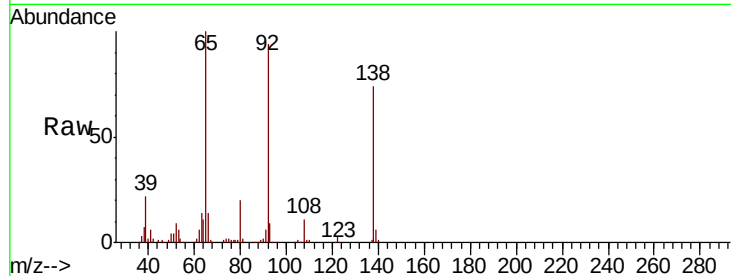




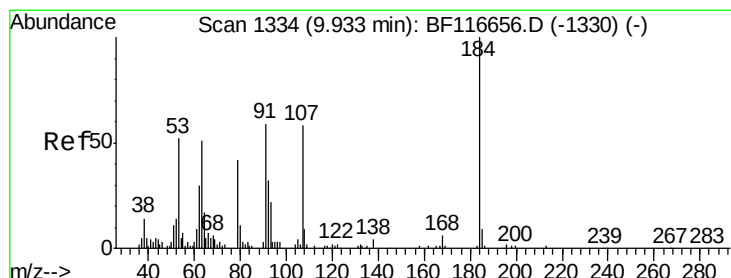
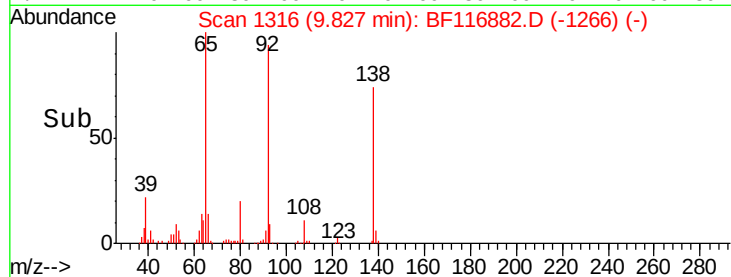
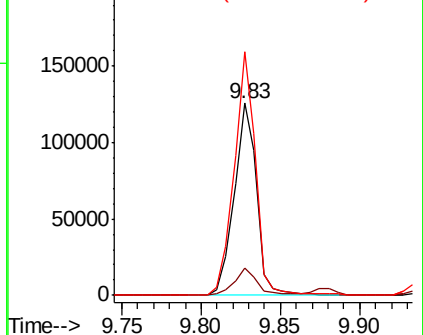
#53  
3-Nitroaniline  
Concen: 42.623 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 122973  
Ion Ratio Lower Upper  
138 100  
108 14.5 8.5 12.7#  
92 126.6 87.2 130.8

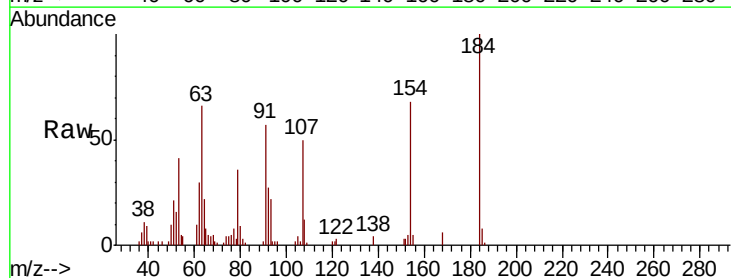


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

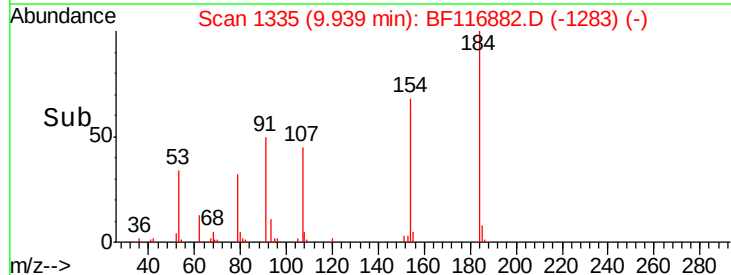
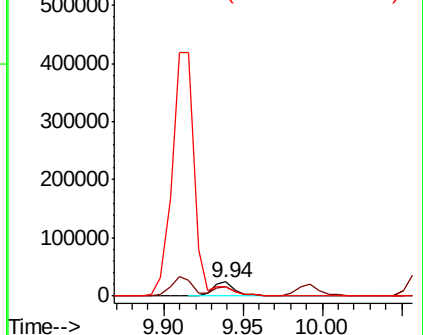


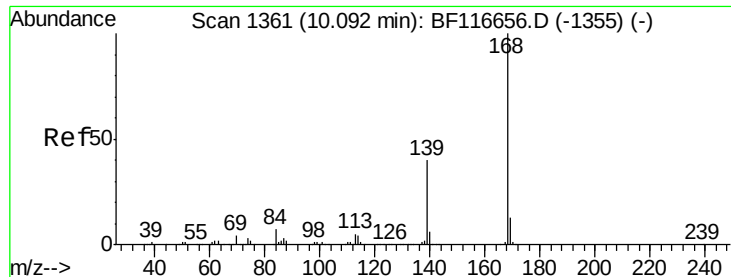
#54  
2,4-Dinitrophenol  
Concen: 36.511 ng  
RT: 9.94 min Scan# 1335  
Delta R.T. 0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Tgt Ion:184 Resp: 25299  
Ion Ratio Lower Upper  
184 100  
63 66.3 52.2 78.2  
154 68.1 60.8 91.2



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





#55

Dibenzofuran

Concen: 43.314 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

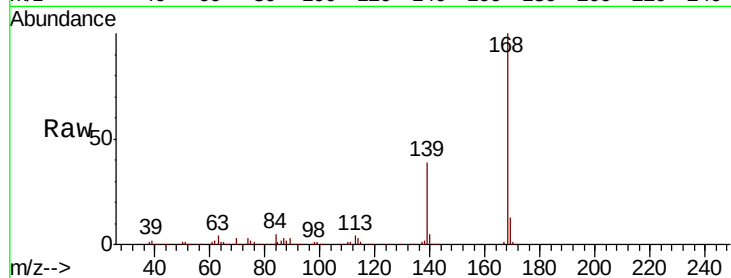
Tot Ion:168 Resp: 595724

Ion Ratio Lower Upper

168 100

139 38.8 31.5 47.3

169 13.1 10.3 15.5

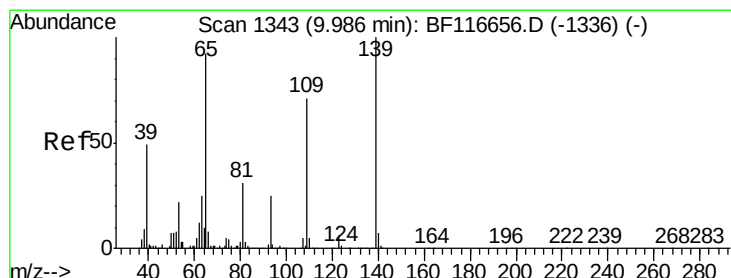
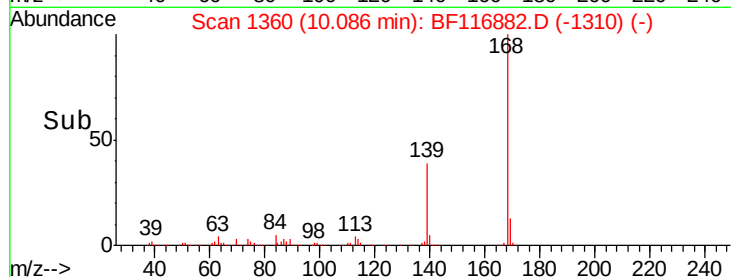
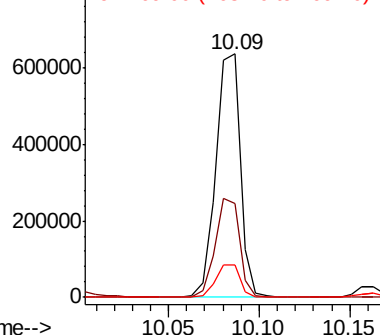


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.197 ng

RT: 9.99 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

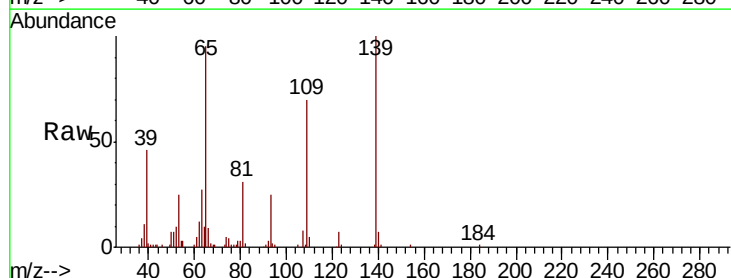
Tgt Ion:139 Resp: 77541

Ion Ratio Lower Upper

139 100

109 69.6 61.7 101.7

65 95.0 89.1 129.1

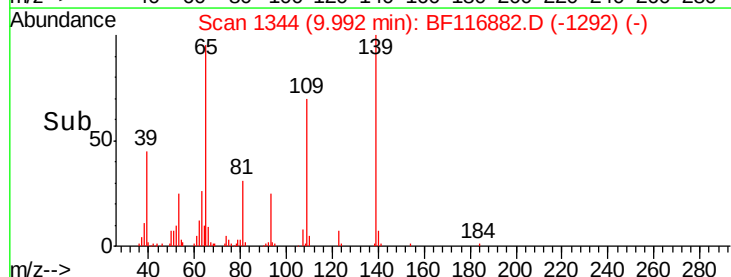
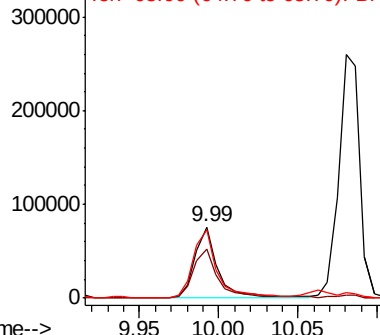


Abundance

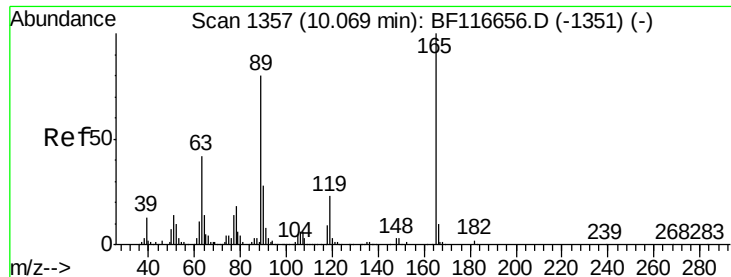
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



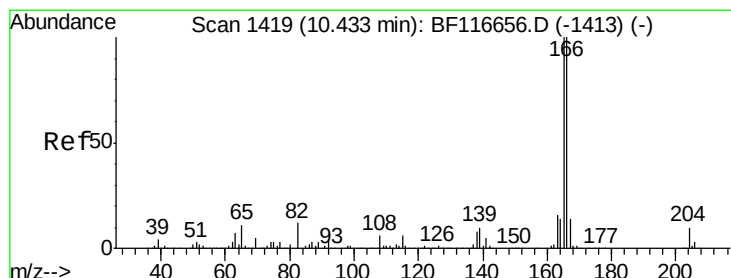
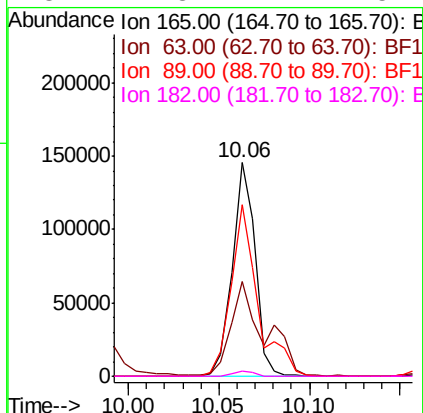
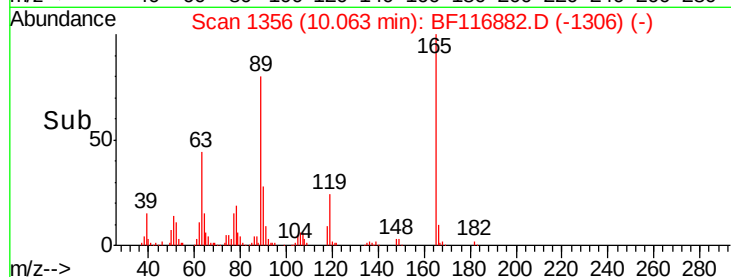
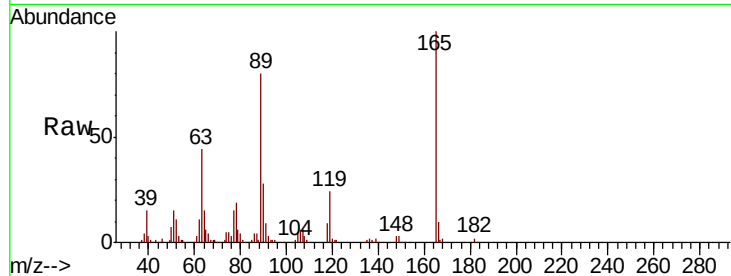




#57  
 2,4-Dinitrotoluene  
 Concen: 45.443 ng  
 RT: 10.06 min Scan# 1356  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

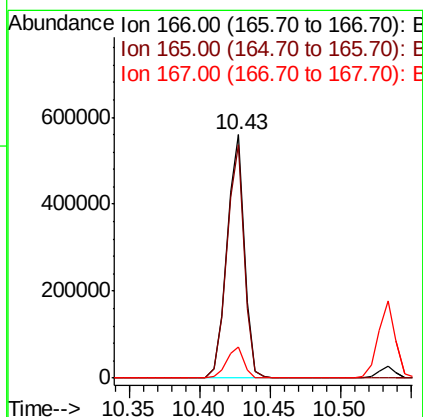
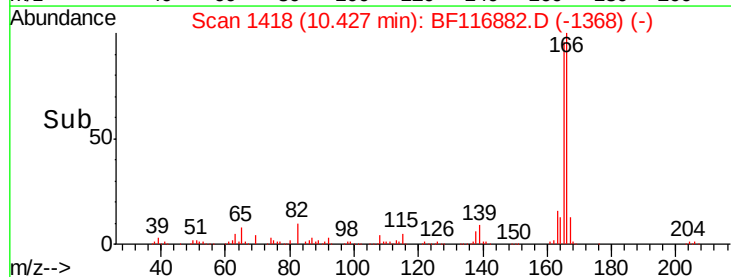
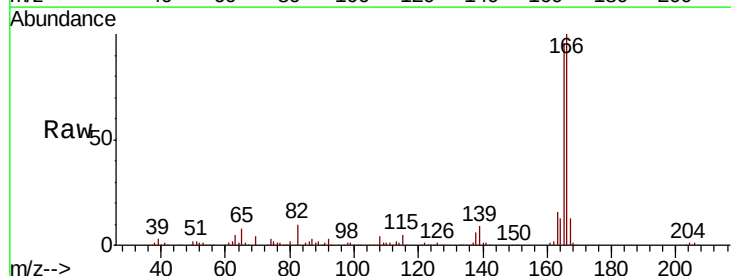
Instrument :  
 BNA\_F  
 ClientSampleId :

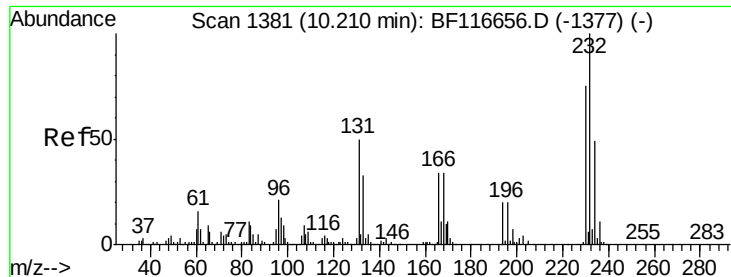
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 44.3  | 36.4  | 54.6  |
| 89      | 80.3  | 62.6  | 94.0  |
| 182     | 2.3   | 2.1   | 3.1   |



#58  
 Fluorene  
 Concen: 45.602 ng  
 RT: 10.43 min Scan# 1418  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.0  | 78.8  | 118.2 |
| 167     | 12.7  | 10.0  | 15.0  |

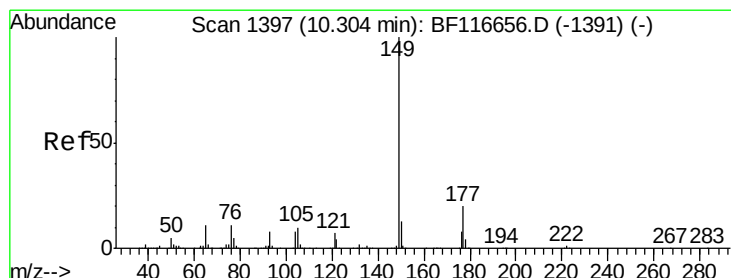
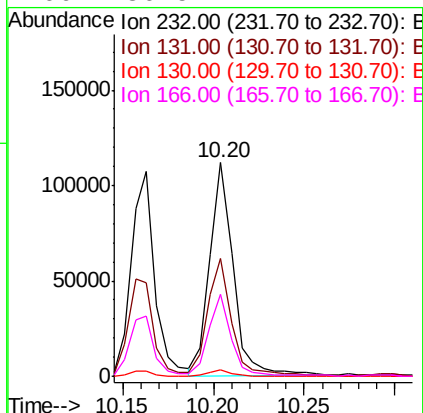
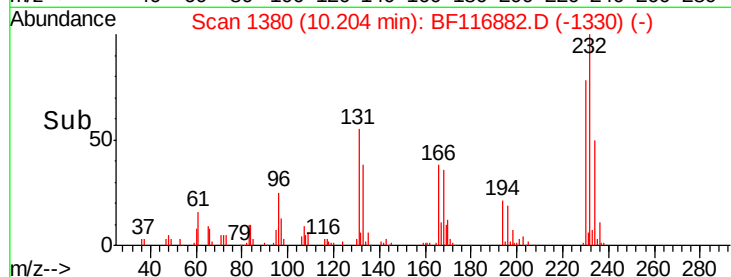
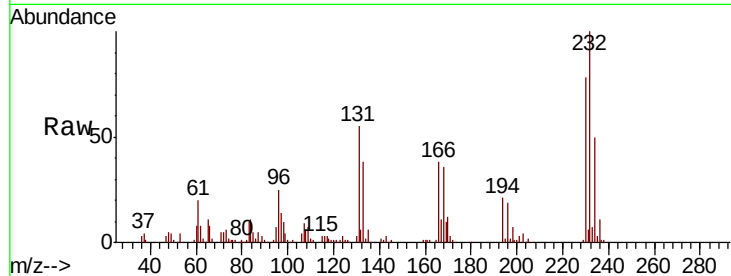




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 46.693 ng  
RT: 10.20 min Scan# 1380  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

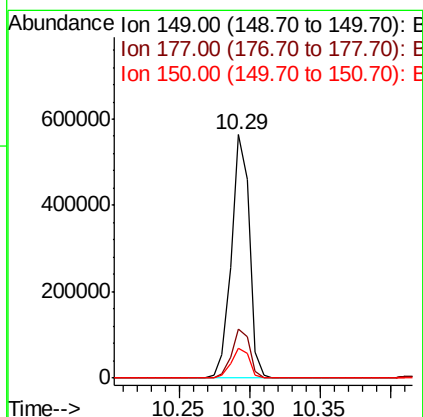
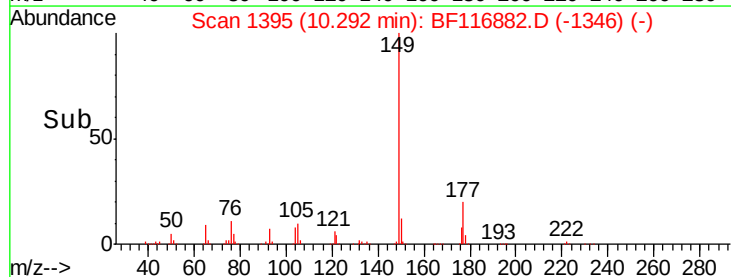
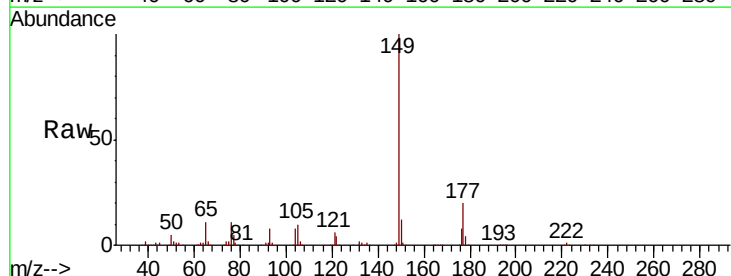
Instrument :  
BNA\_F  
ClientSampleId :

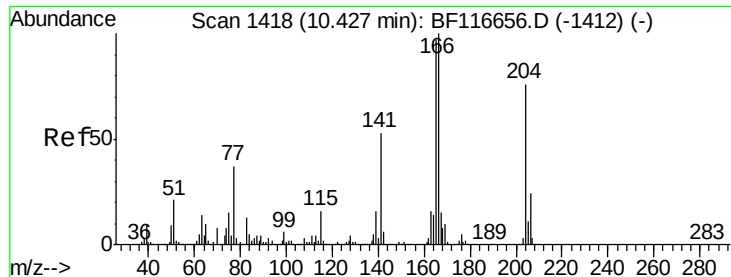
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 58.2  | 42.7  | 64.1  |
| 130     | 2.6   | 1.9   | 2.9   |
| 166     | 36.5  | 27.4  | 41.2  |



#60  
Diethylphthalate  
Concen: 41.409 ng  
RT: 10.29 min Scan# 1395  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.2  | 17.2  | 25.8  |
| 150     | 12.4  | 9.7   | 14.5  |

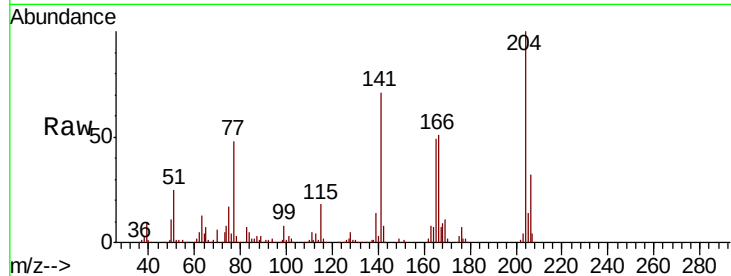




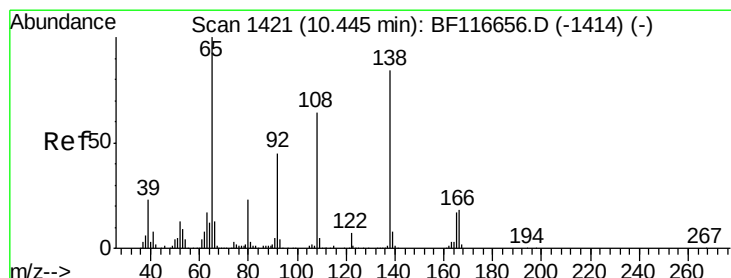
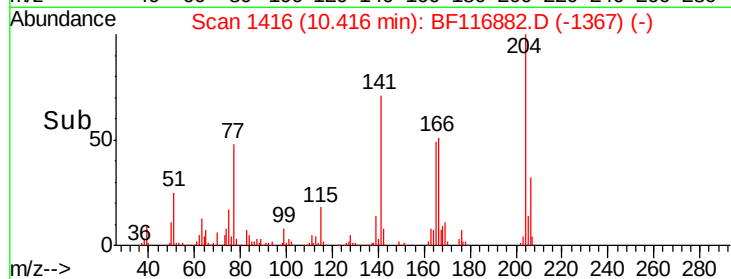
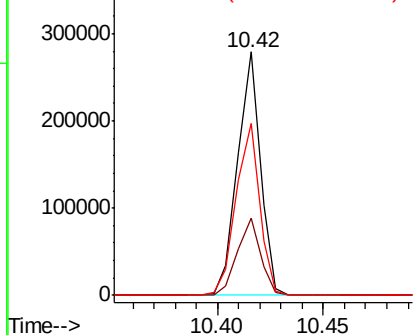
#61  
4-Chlorophenyl-phenylether  
Concen: 45.583 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 209183  
Ion Ratio Lower Upper  
204 100  
206 31.9 25.4 38.2  
141 70.6 53.8 80.8

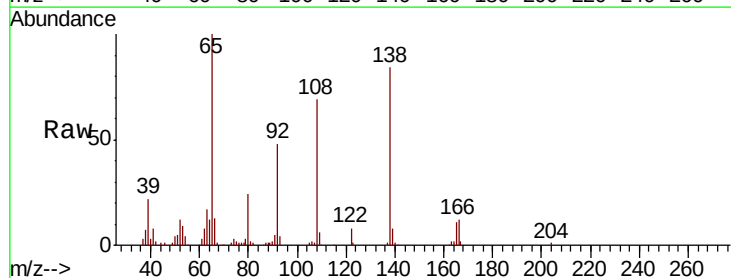


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

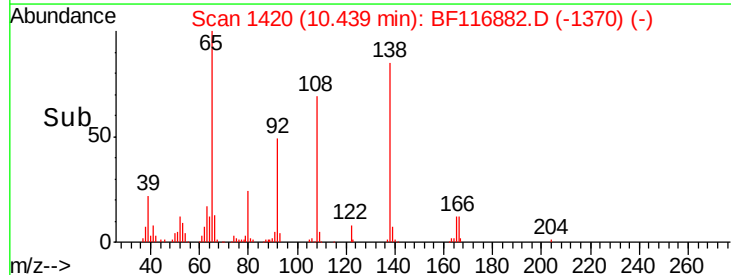
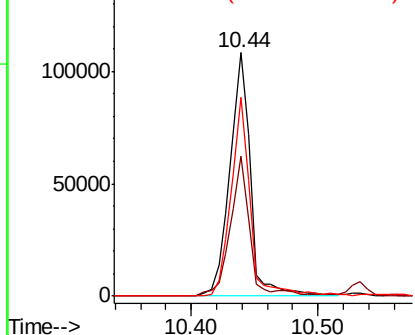


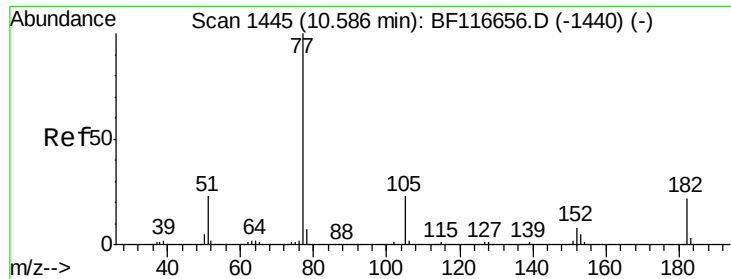
#62  
4-Nitroaniline  
Concen: 43.394 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Tgt Ion:138 Resp: 121498  
Ion Ratio Lower Upper  
138 100  
92 57.3 28.7 68.7  
108 81.5 60.4 100.4



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

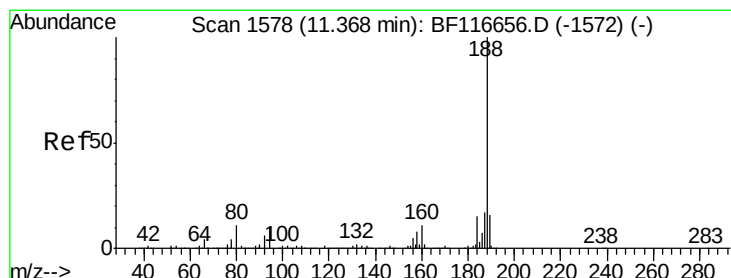
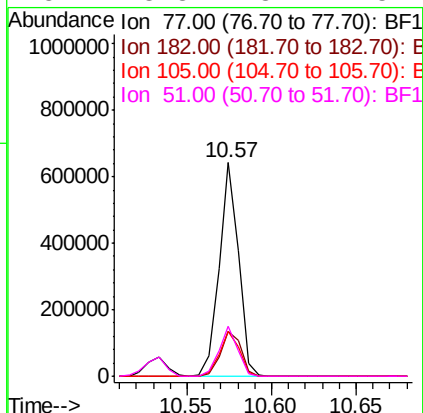
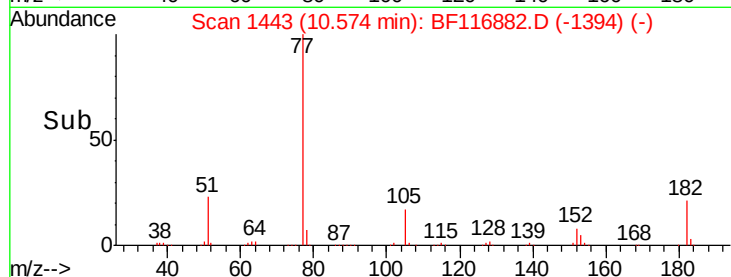
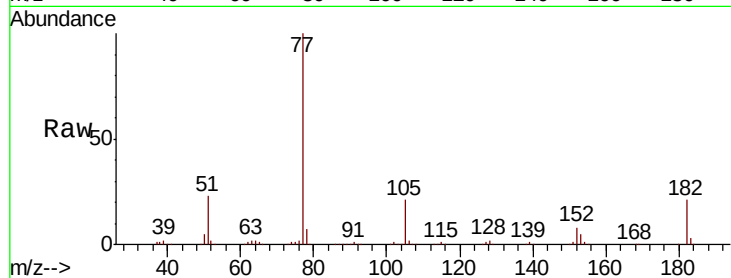




#63  
Azobenzene  
Concen: 40.746 ng  
RT: 10.57 min Scan# 1443  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

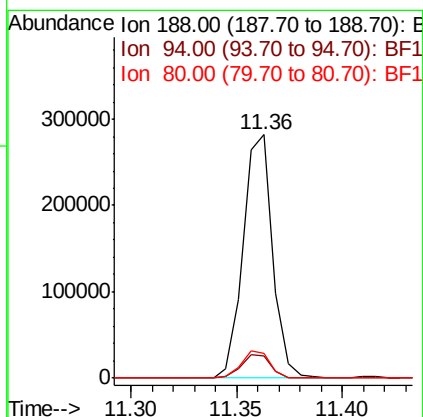
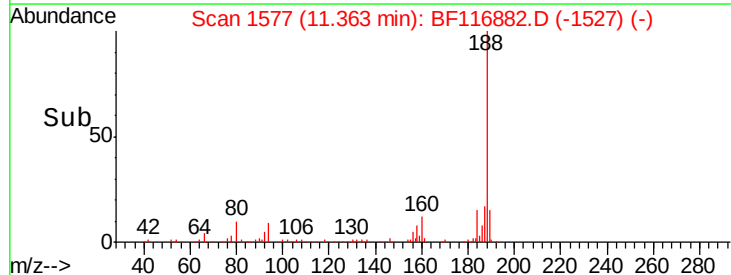
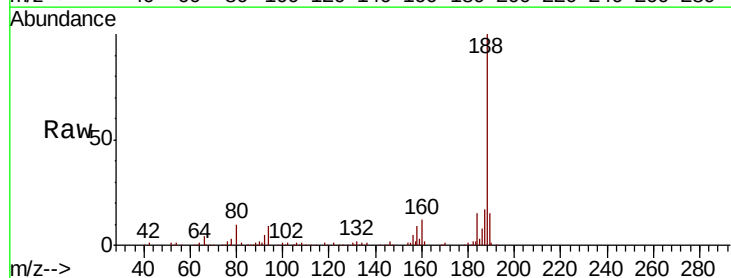
Instrument :  
BNA\_F  
ClientSampled :

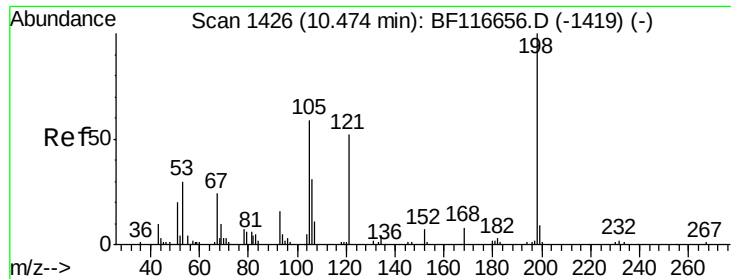
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 21.0 | 1.2   | 41.2  |       |
| 105     | 21.2 | 0.6   | 40.6  |       |
| 51      | 23.3 | 8.2   | 48.2  |       |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.1  | 7.3   | 10.9  |       |
| 80      | 10.3 | 8.4   | 12.6  |       |

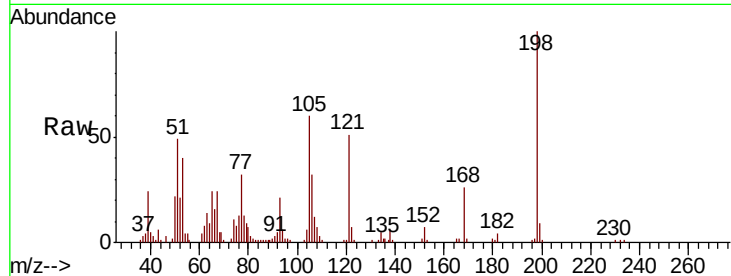




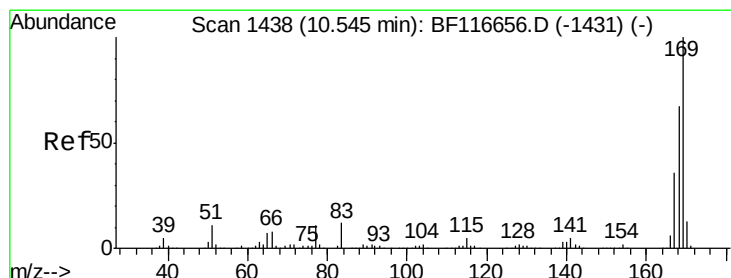
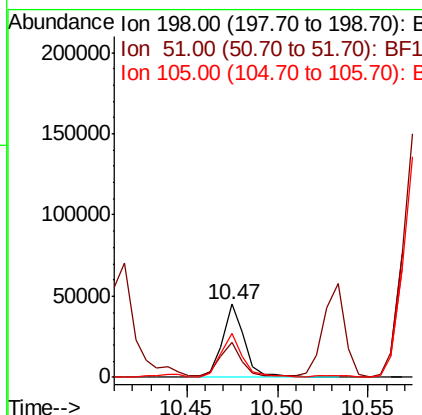
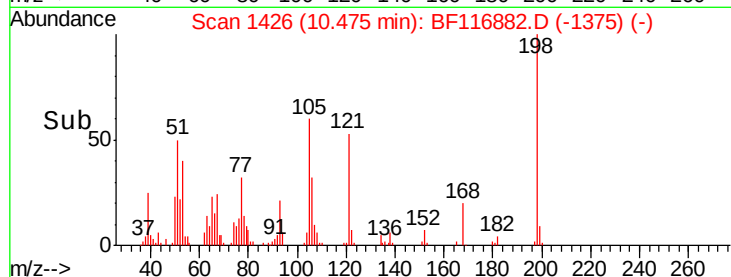
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.453 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.00 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:198 Resp: 38003  
Ion Ratio Lower Upper  
198 100  
51 48.6 18.4 58.4  
105 59.7 22.9 62.9

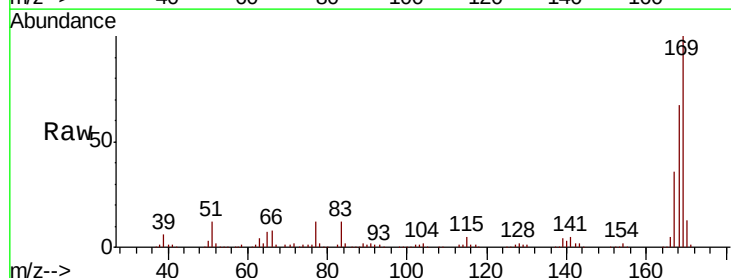


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

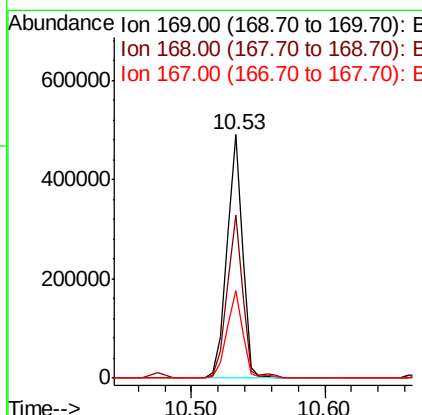
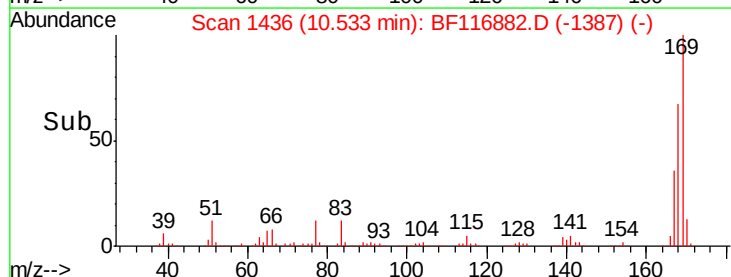


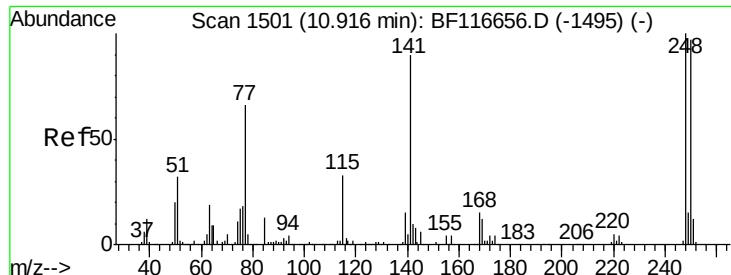
#66  
n-Nitrosodiphenylamine  
Concen: 43.027 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. -0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Tgt Ion:169 Resp: 405442  
Ion Ratio Lower Upper  
169 100  
168 67.0 55.8 83.6  
167 36.1 29.4 44.2



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

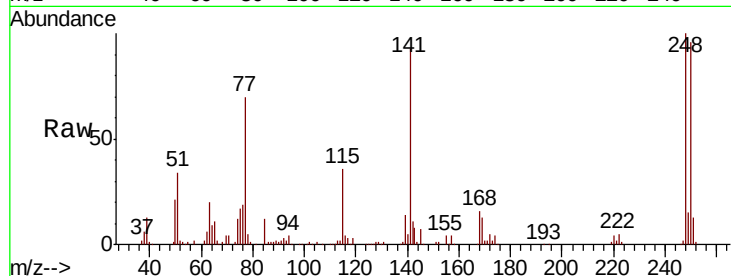




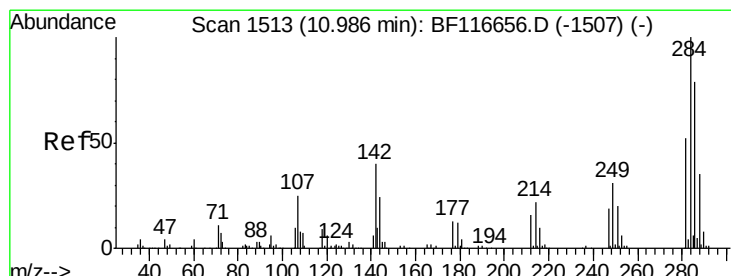
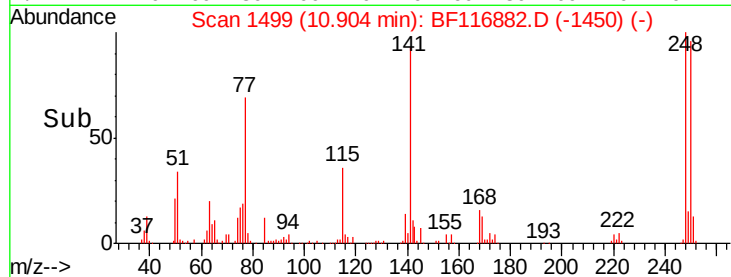
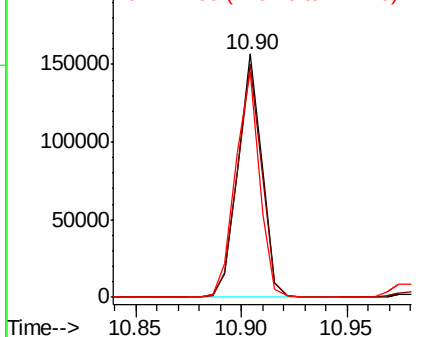
#67  
 4-Bromophenyl-phenylether  
 Concen: 44.222 ng  
 RT: 10.90 min Scan# 1499  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.6  | 77.8  | 116.8 |
| 141     | 92.8  | 75.9  | 113.9 |

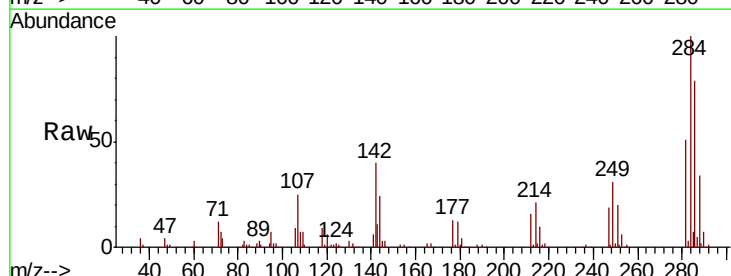


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

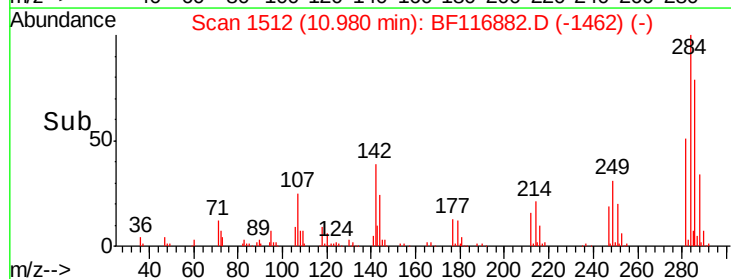
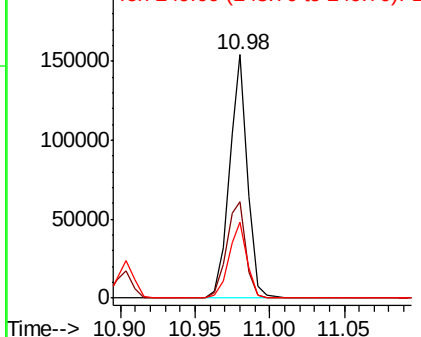


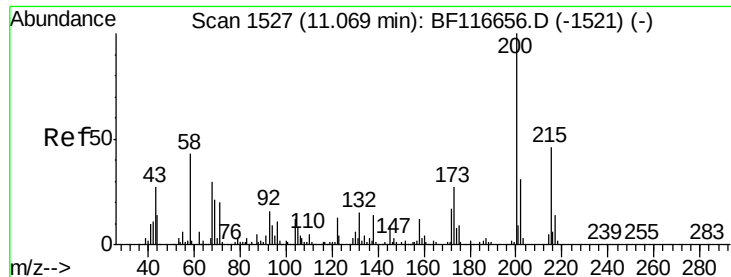
#68  
 Hexachlorobenzene  
 Concen: 45.176 ng  
 RT: 10.98 min Scan# 1512  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.6  | 34.0  | 51.0  |
| 249     | 31.3  | 26.4  | 39.6  |



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





#69

Atrazine

Concen: 42.094 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

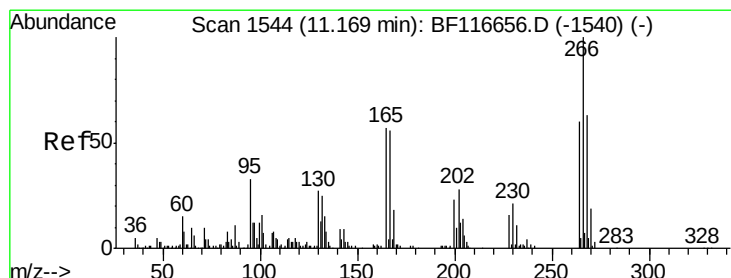
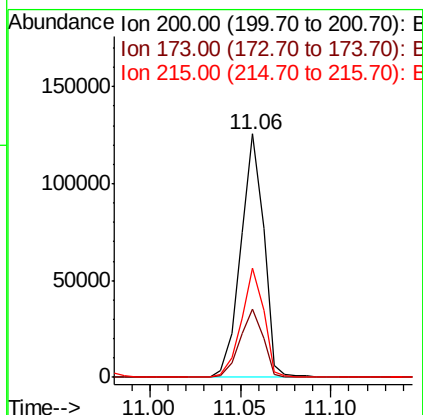
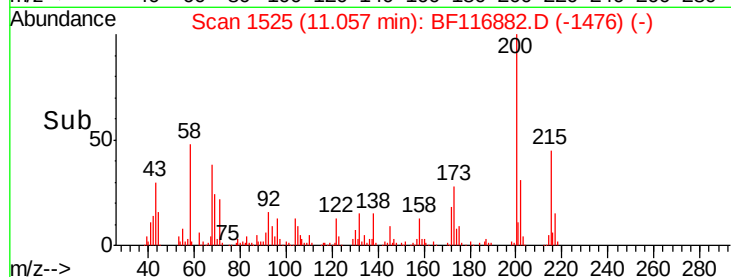
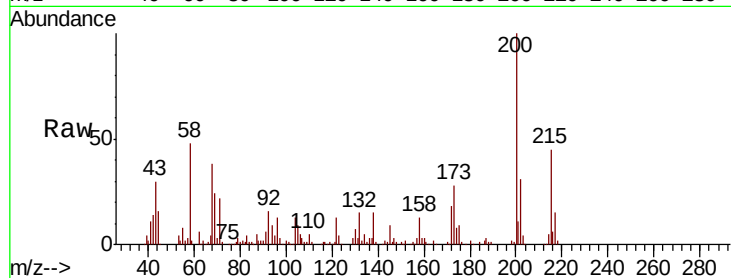
Tot Ion:200 Resp: 111089

Ion Ratio Lower Upper

200 100

173 28.2 6.2 46.2

215 44.8 24.3 64.3



#70

Pentachlorophenol

Concen: 44.563 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

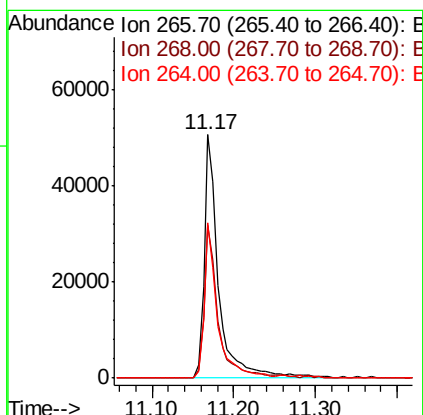
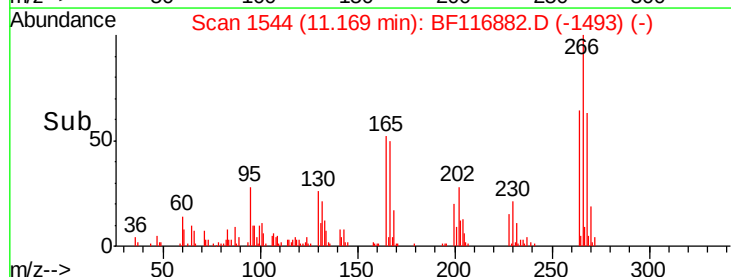
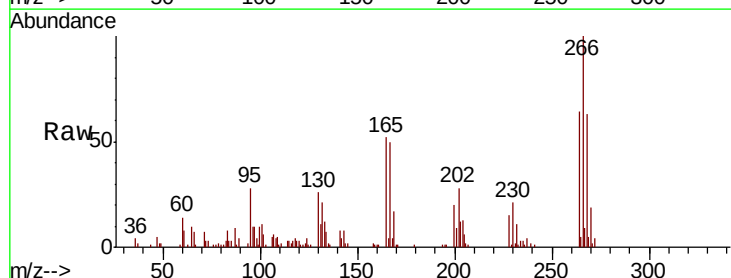
Tgt Ion:266 Resp: 62411

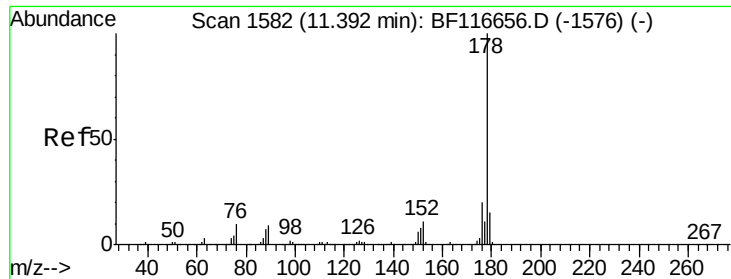
Ion Ratio Lower Upper

266 100

268 62.6 51.2 76.8

264 63.9 51.9 77.9





#71

Phenanthrene

Concen: 43.483 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

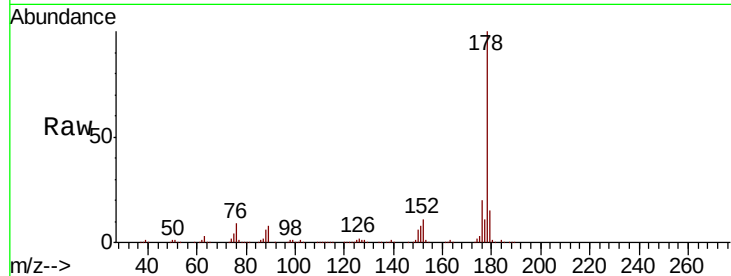
Tot Ion:178 Resp: 659327

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

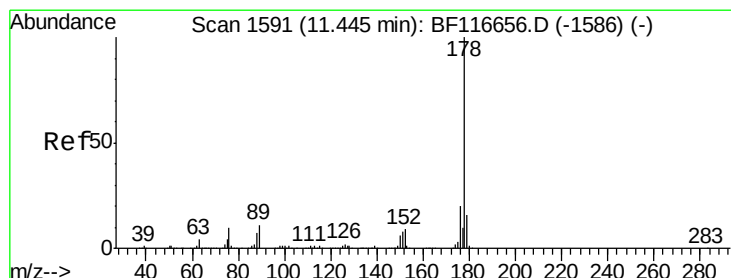
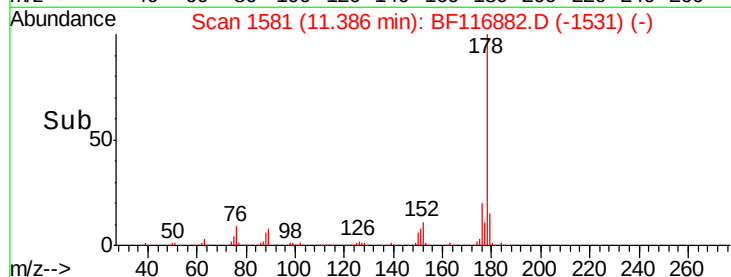
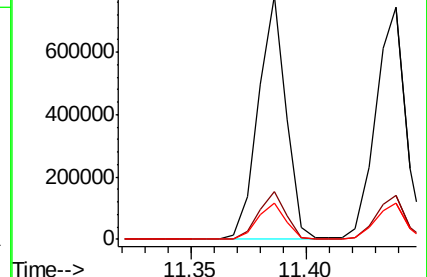
179 15.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.705 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

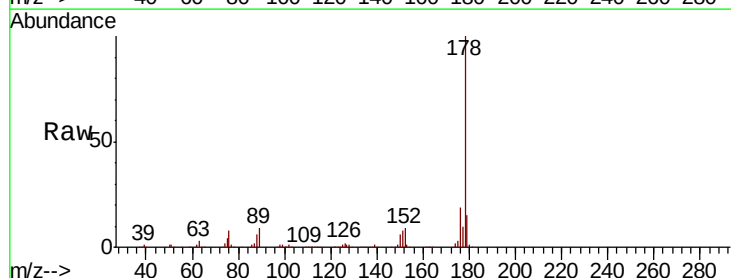
Tgt Ion:178 Resp: 667091

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

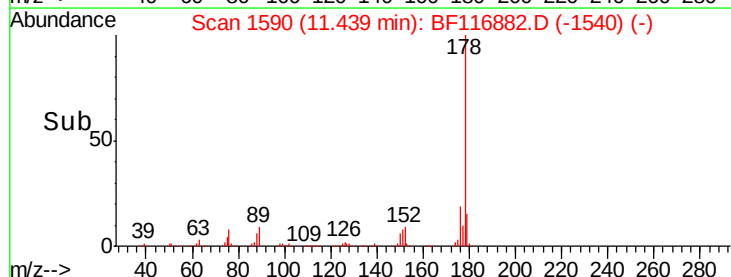
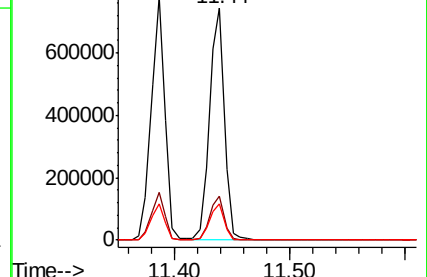
179 15.5 12.5 18.7



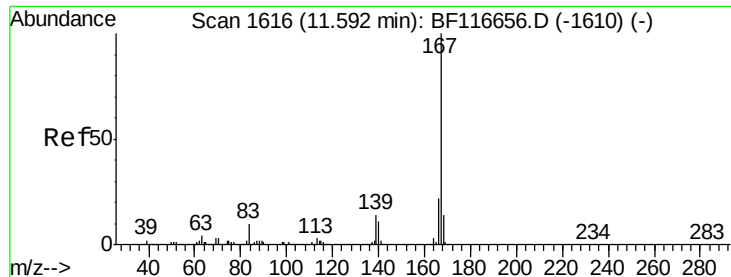
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



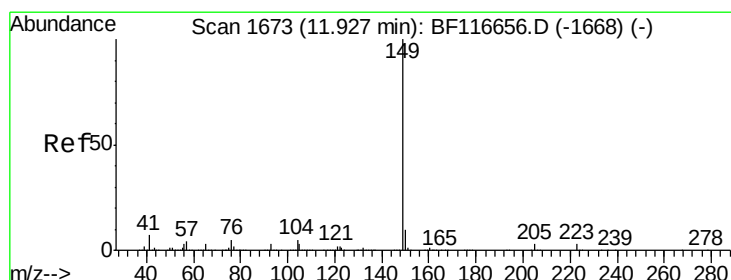
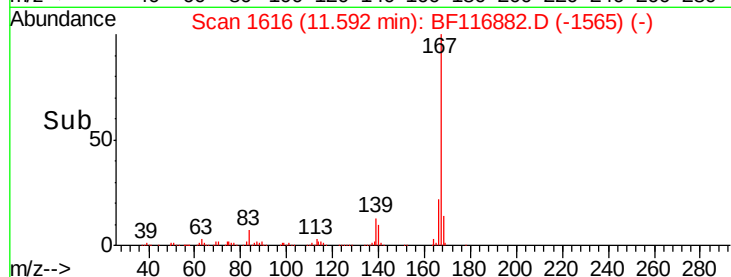
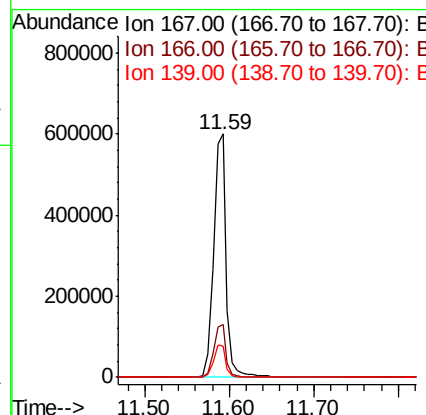
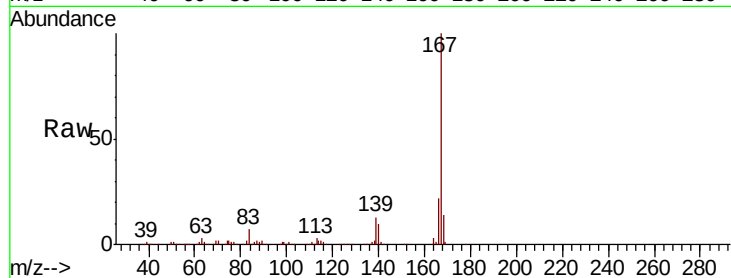




#73  
 Carbazole  
 Concen: 43.124 ng  
 RT: 11.59 min Scan# 1616  
 Delta R.T. 0.00 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

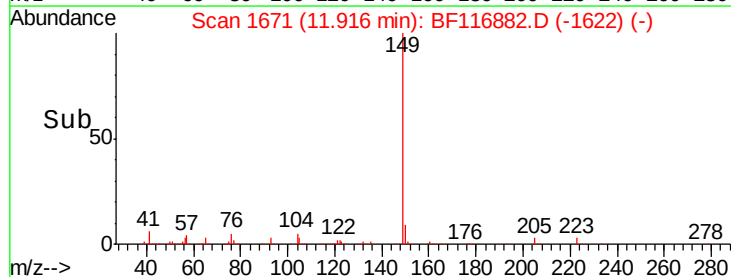
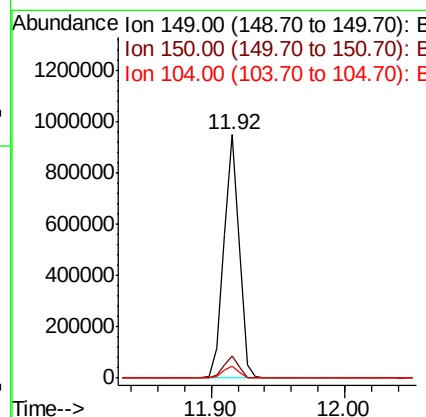
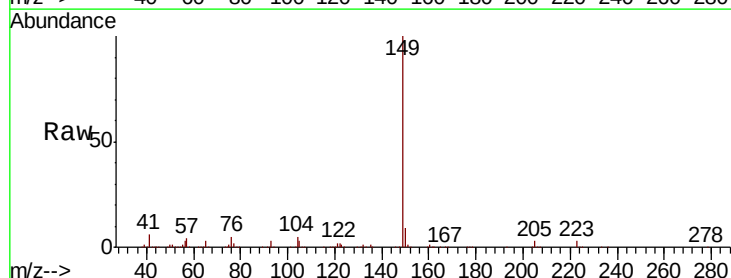
Instrument :  
 BNA\_F  
 ClientSampleId :

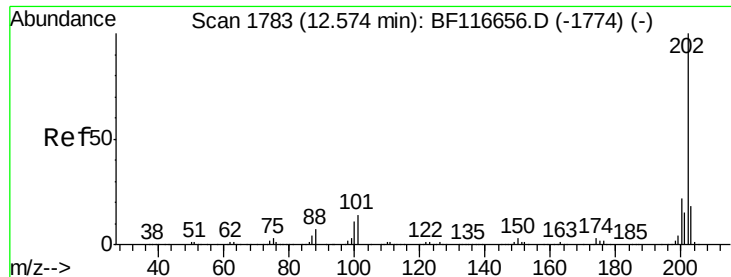
Tot Ion:167 Resp: 627008  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 17.8 26.6  
 139 12.9 11.1 16.7



#74  
 Di-n-butylphthalate  
 Concen: 41.416 ng  
 RT: 11.92 min Scan# 1671  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

Tgt Ion:149 Resp: 771963  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.2 10.8  
 104 5.1 4.2 6.2

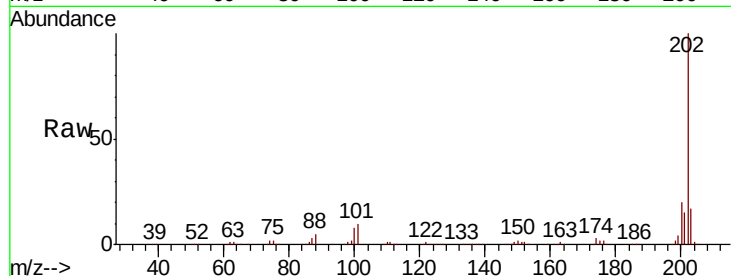




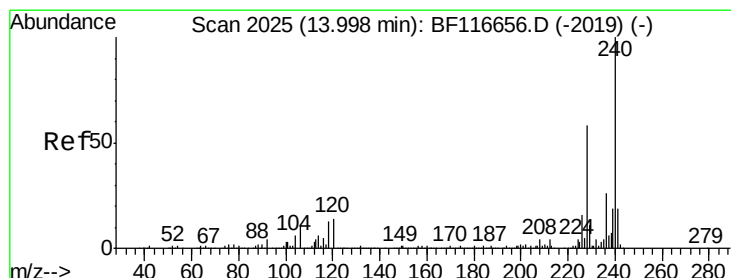
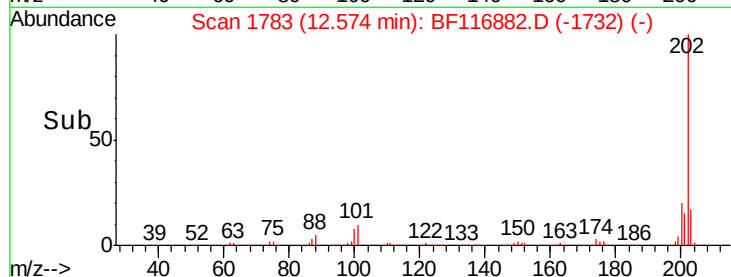
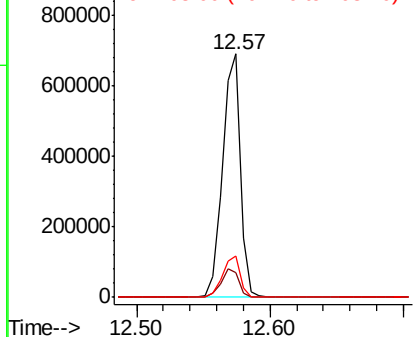
#75  
 Fluoranthene  
 Concen: 43.779 ng  
 RT: 12.57 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.2  | 0.0   | 31.3  |
| 203     | 17.2  | 0.0   | 37.6  |

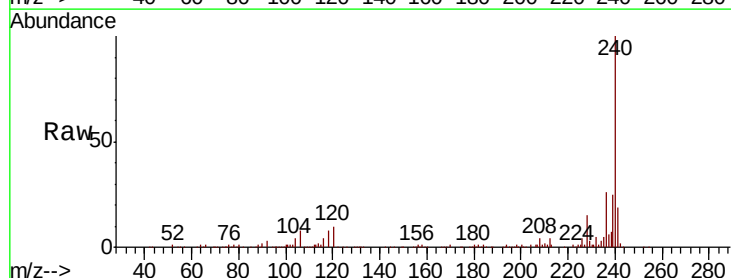


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

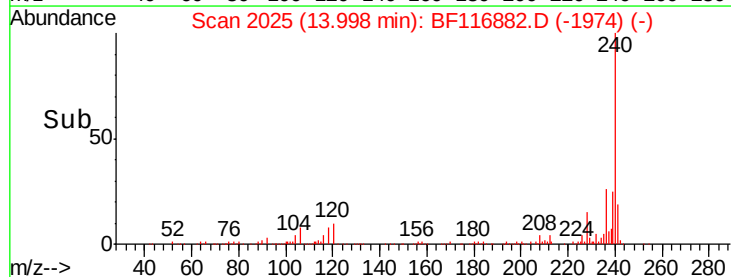
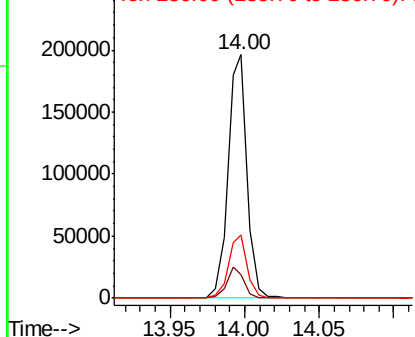


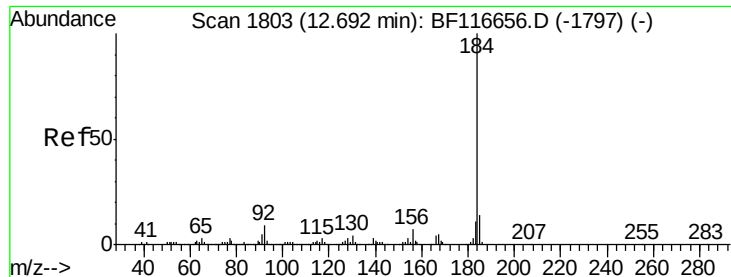
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. 0.00 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.7   | 9.1   | 13.7  |
| 236     | 25.7  | 21.1  | 31.7  |



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: 38.391 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

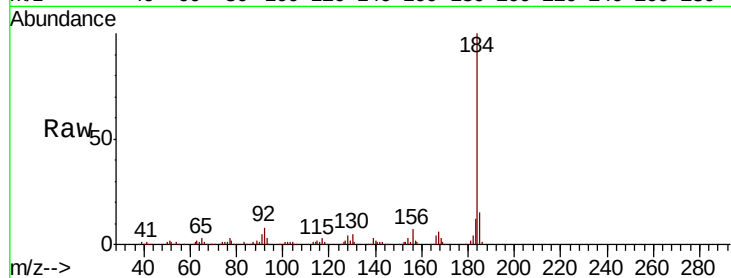
Tot Ion:184 Resp: 265831

Ion Ratio Lower Upper

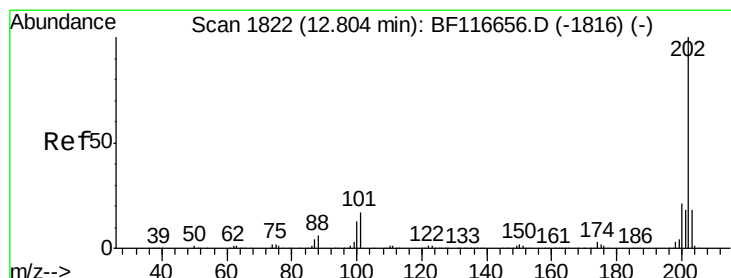
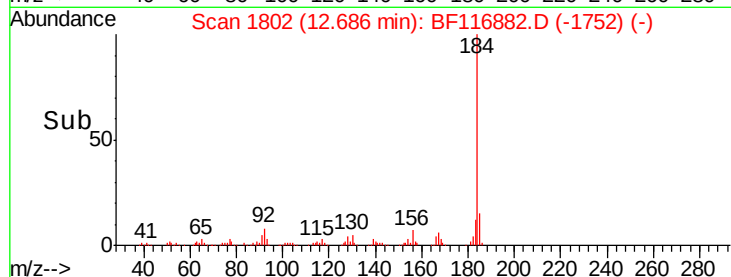
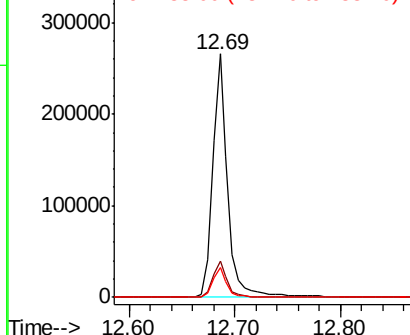
184 100

185 14.7 11.3 16.9

183 12.0 9.2 13.8



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: 41.792 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

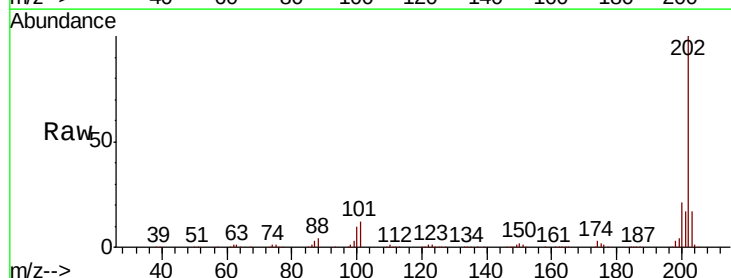
Tgt Ion:202 Resp: 655856

Ion Ratio Lower Upper

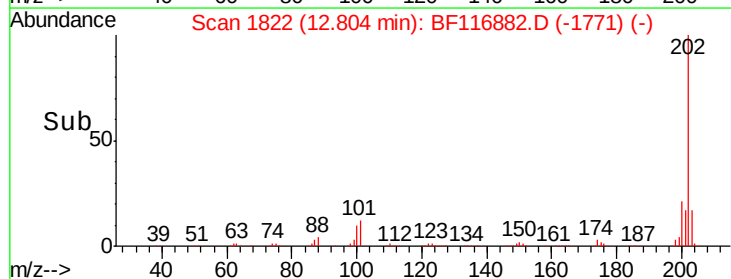
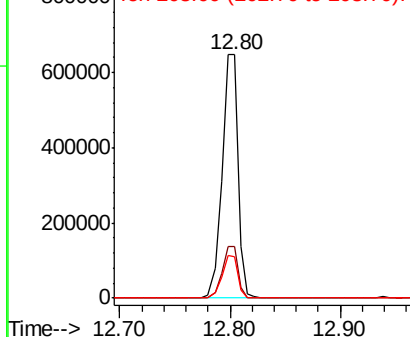
202 100

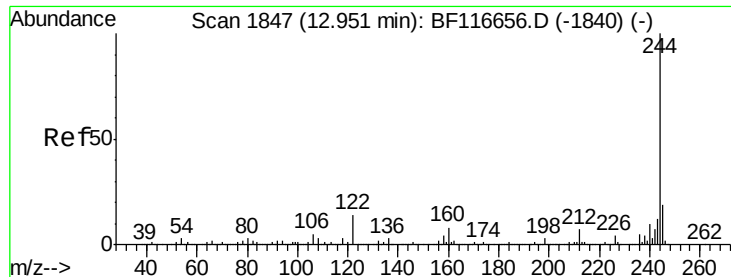
200 21.1 16.5 24.7

203 16.9 13.7 20.5



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

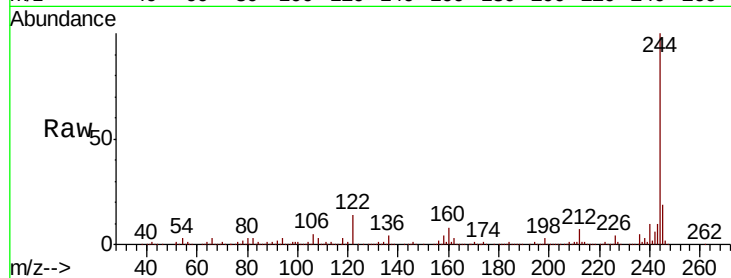




#79  
 Terphenyl-d14  
 Concen: 88.033 ng  
 RT: 12.94 min Scan# 1845  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 6.1   | 9.1   |
| 122     | 14.5  | 10.2  | 15.4  |

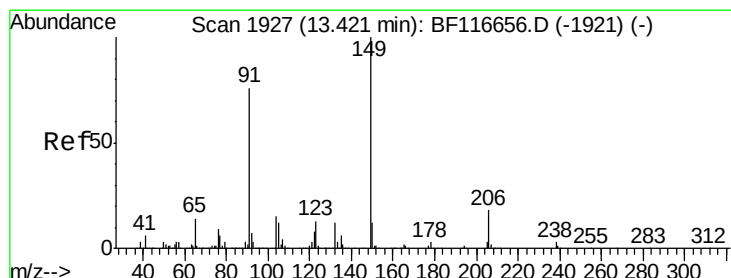
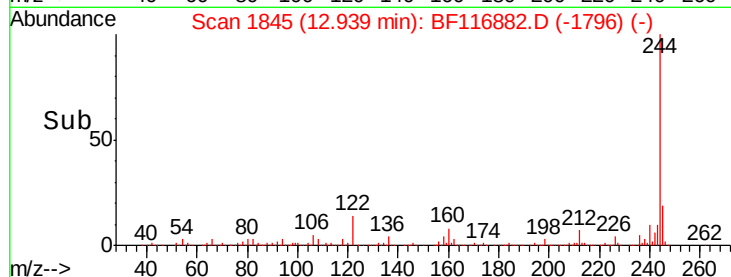
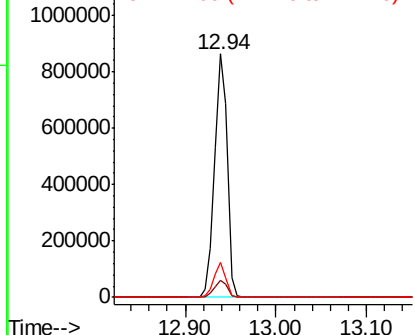


Abundance

Ion 244.00 (243.70 to 244.70): E

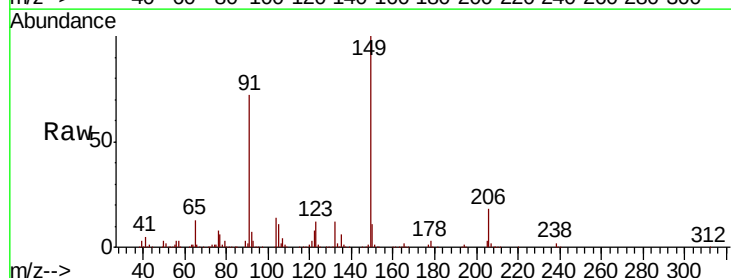
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80  
 Butylbenzylphthalate  
 Concen: 40.092 ng  
 RT: 13.41 min Scan# 1925  
 Delta R.T. -0.01 min  
 Lab File: BF116882.D  
 Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.6  | 61.0  | 91.4  |
| 206     | 17.8  | 14.8  | 22.2  |

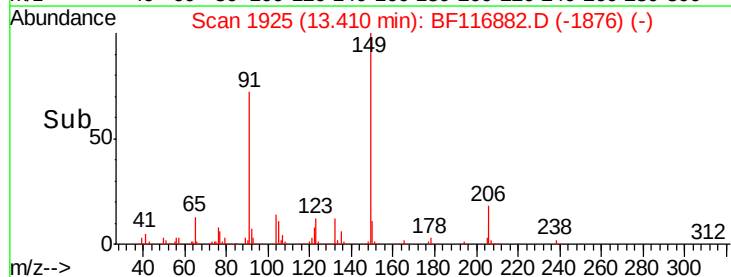
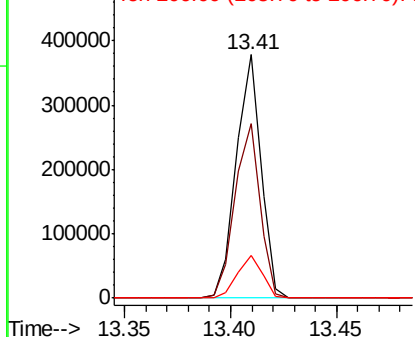


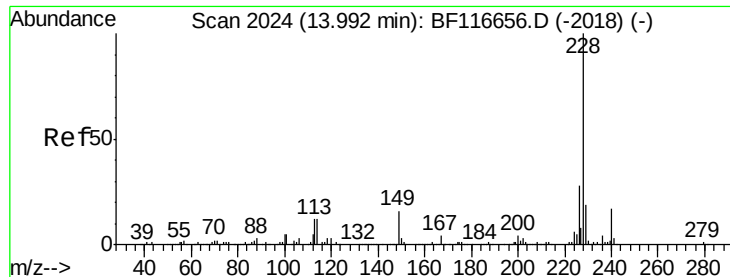
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.389 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

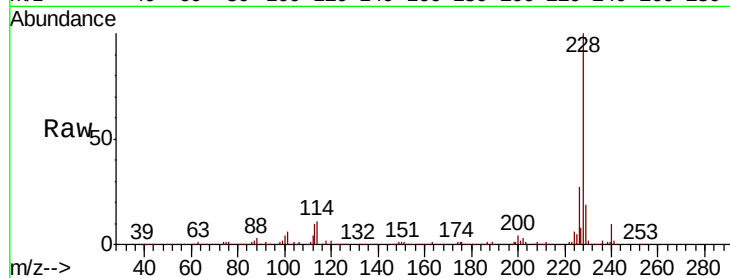
Tot Ion:228 Resp: 495964

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

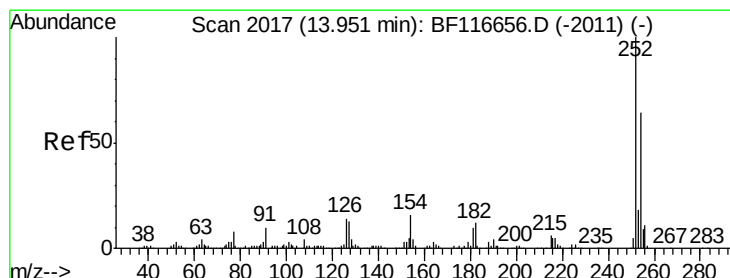
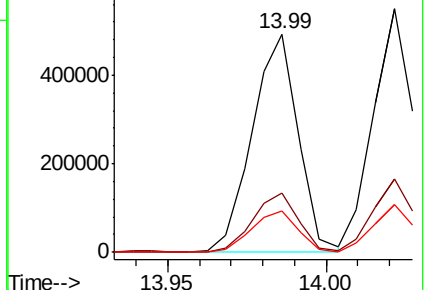
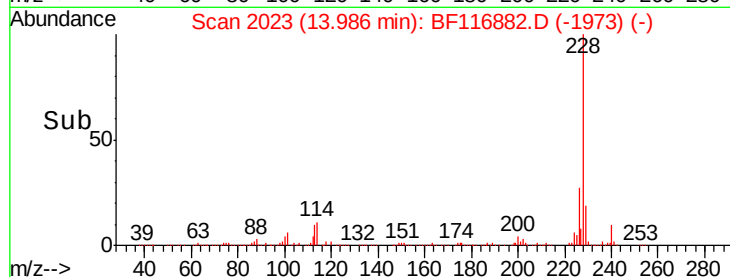
229 19.2 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.694 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

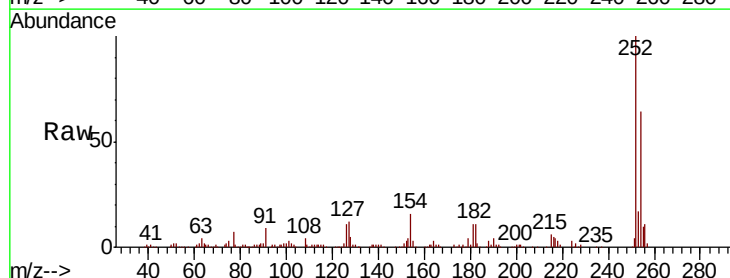
Tgt Ion:252 Resp: 153658

Ion Ratio Lower Upper

252 100

254 64.4 50.1 75.1

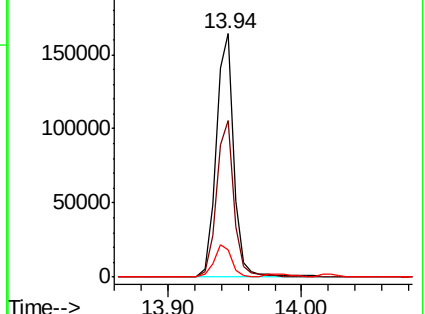
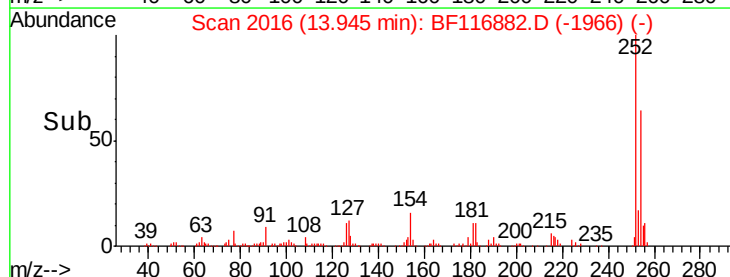
126 11.1 10.6 16.0

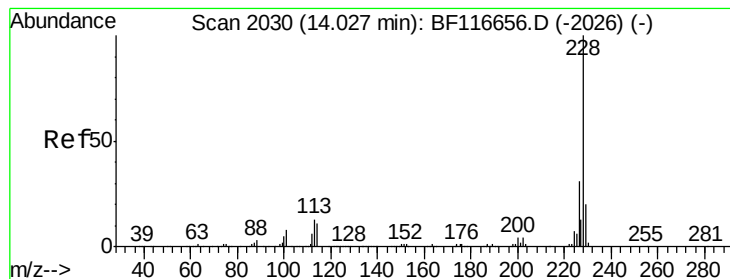


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.602 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

Instrument :

BNA\_F

ClientSampleId :

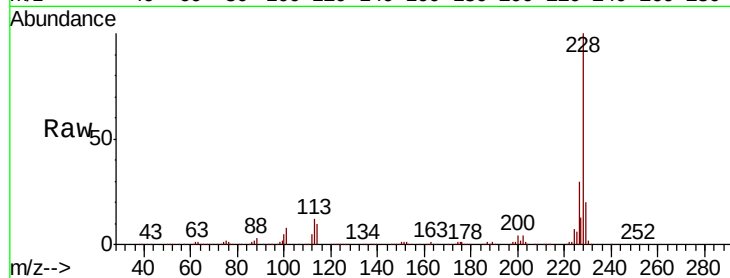
Tot Ion:228 Resp: 478885

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

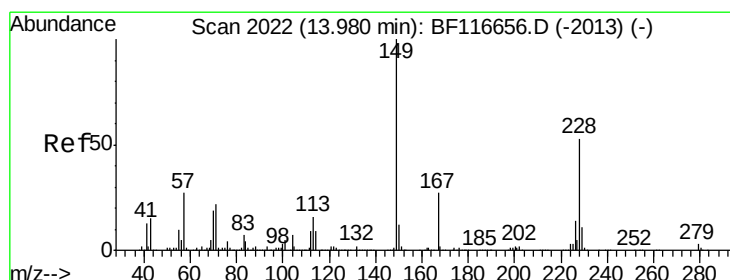
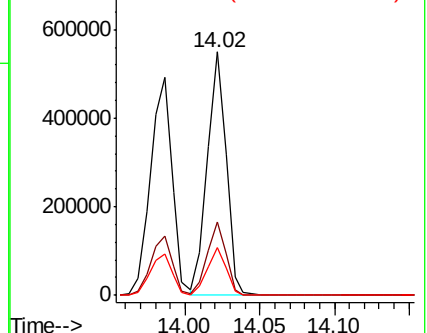
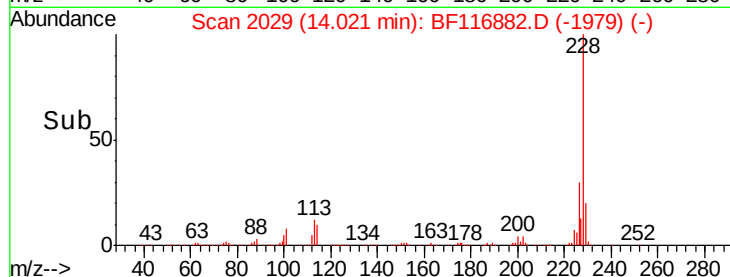
229 19.8 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.324 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116882.D

Acq: 8 Sep 2019 21:11

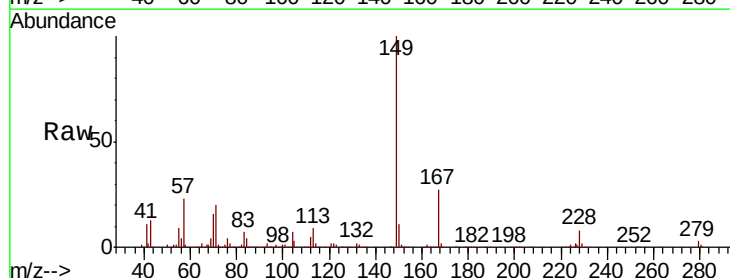
Tgt Ion:149 Resp: 379874

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

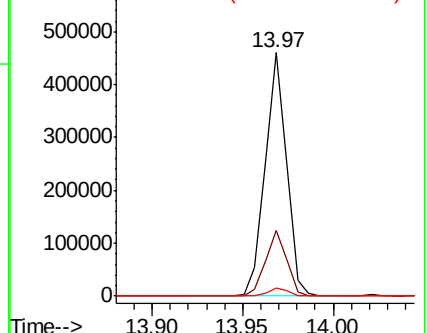
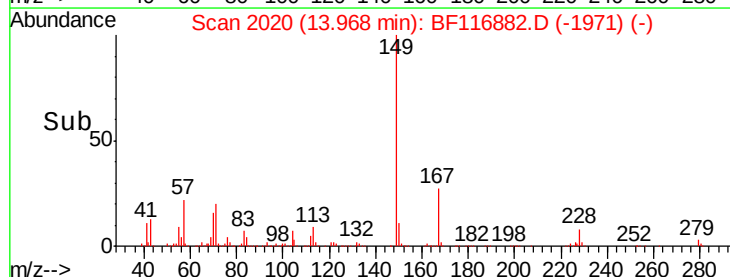
279 3.3 2.8 4.2

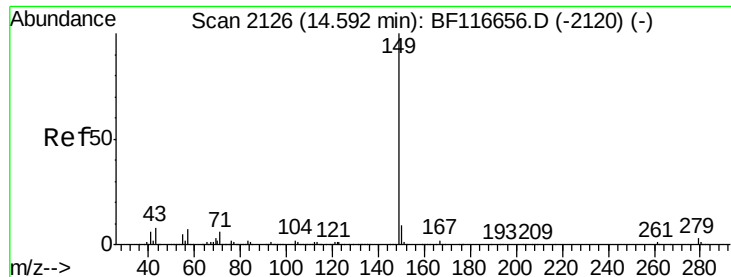


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

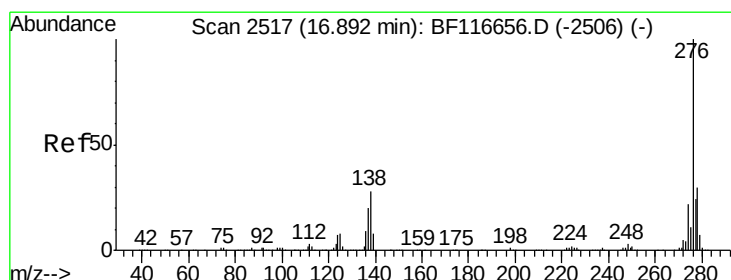
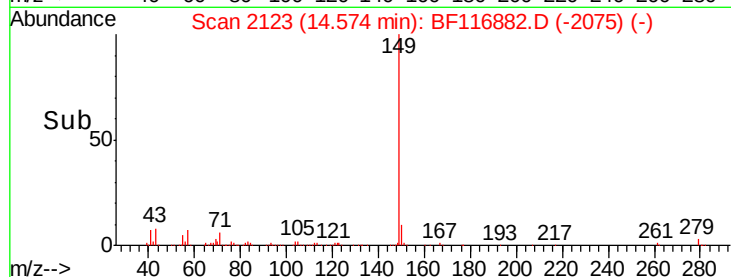
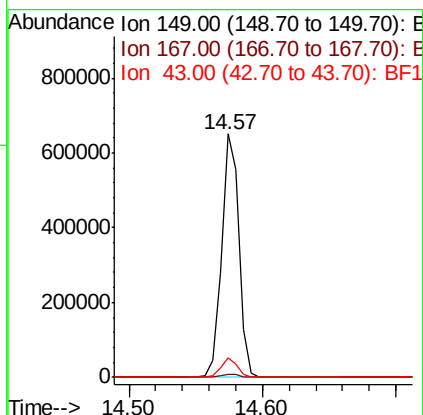
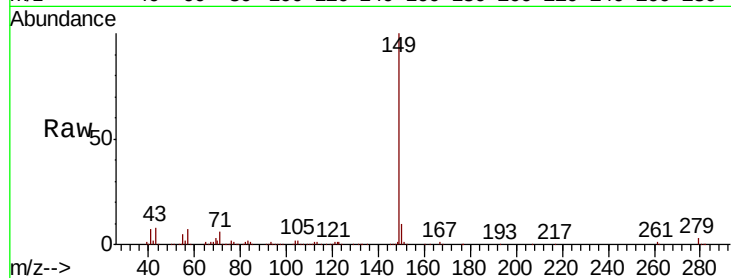




#85  
Di-n-octyl phthalate  
Concen: 38.524 ng  
RT: 14.57 min Scan# 2123  
Delta R.T. -0.02 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

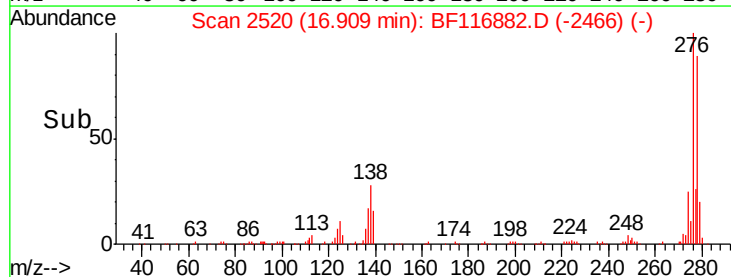
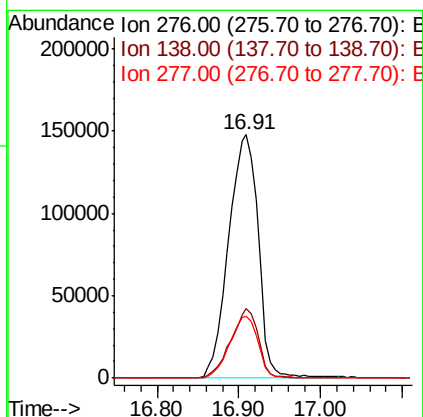
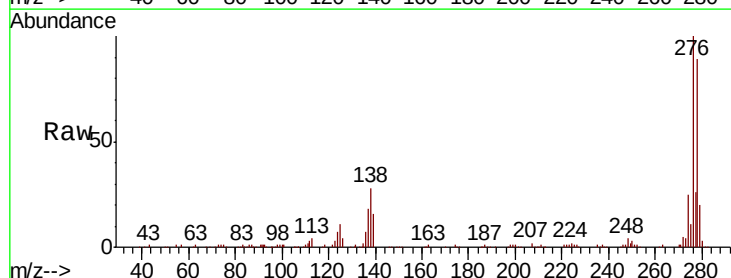
Instrument :  
BNA\_F  
ClientSampleId :

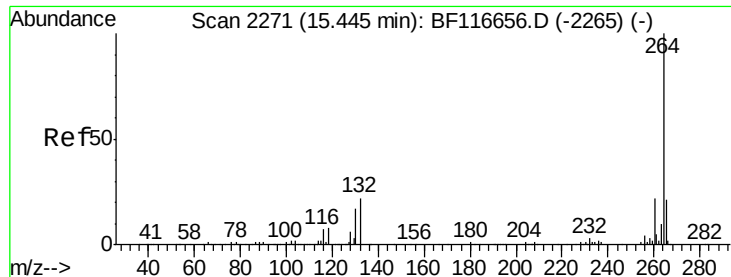
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.3   | 1.9   |
| 43      | 7.4   | 7.8   | 11.8# |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.267 ng  
RT: 16.91 min Scan# 2520  
Delta R.T. 0.02 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 26.8  | 19.4  | 29.2  |
| 277     | 24.7  | 20.5  | 30.7  |

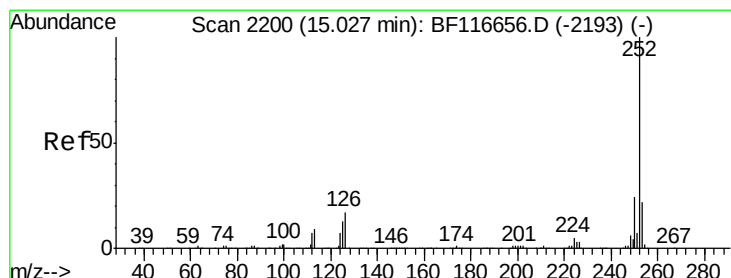
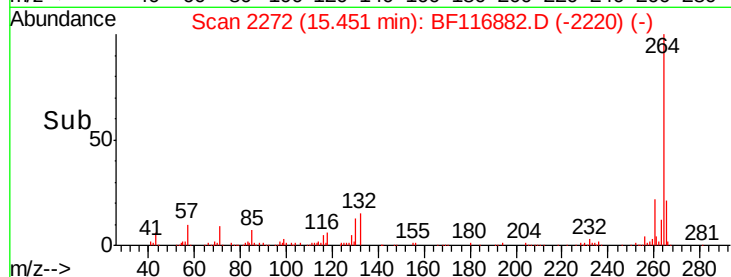
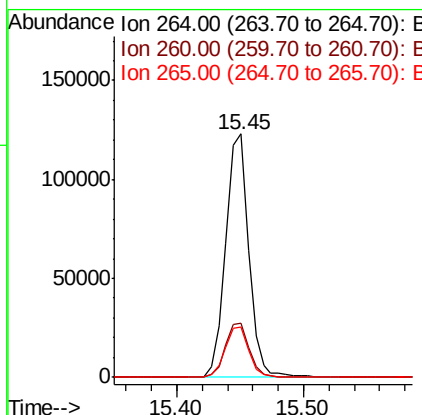
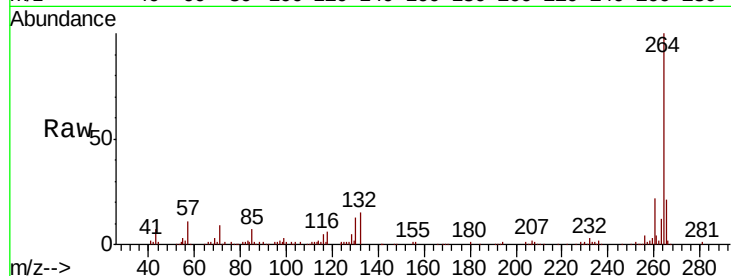




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. 0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

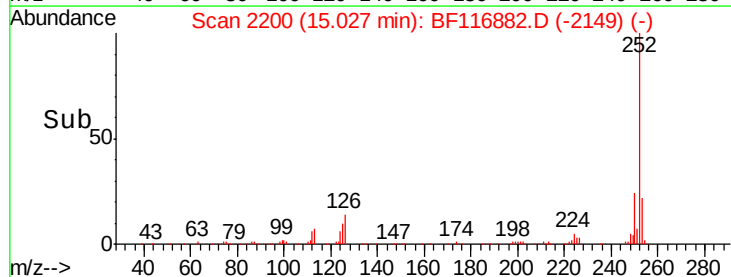
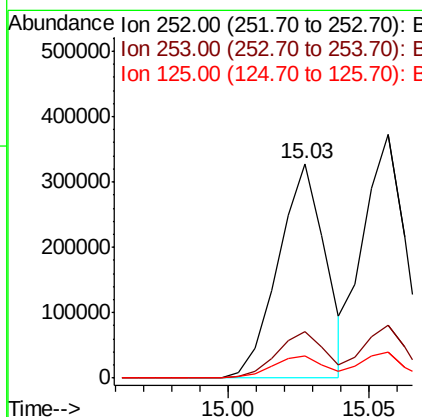
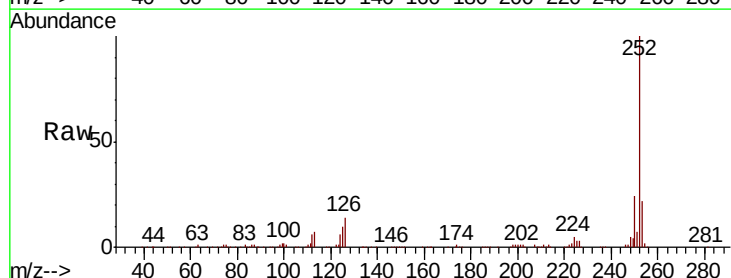
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.4  | 18.3  | 27.5  |
| 265     | 20.9  | 16.5  | 24.7  |

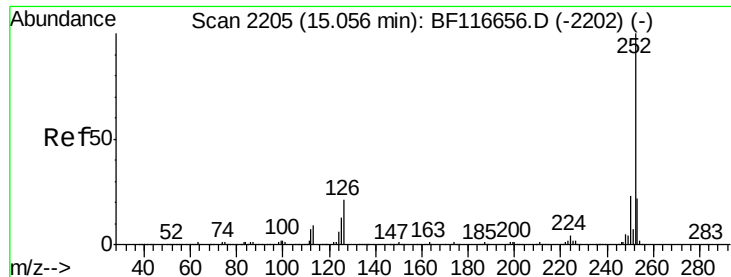


#88  
Benzo(b)fluoranthene  
Concen: 40.562 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. 0.00 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.7  | 26.5  |
| 125     | 10.1  | 8.2   | 12.2  |



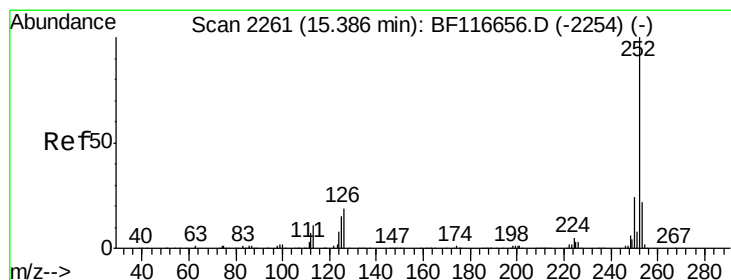
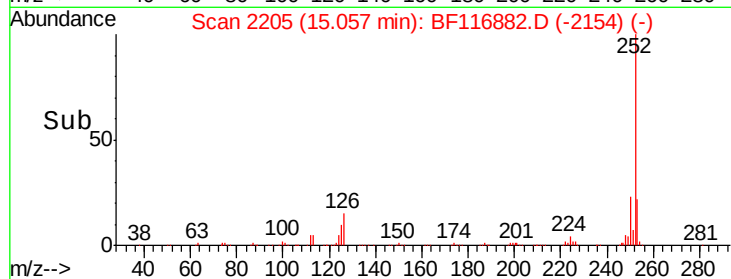
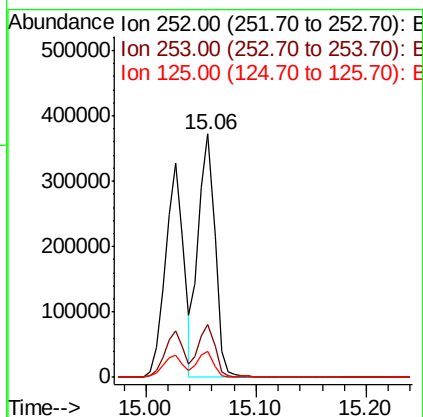
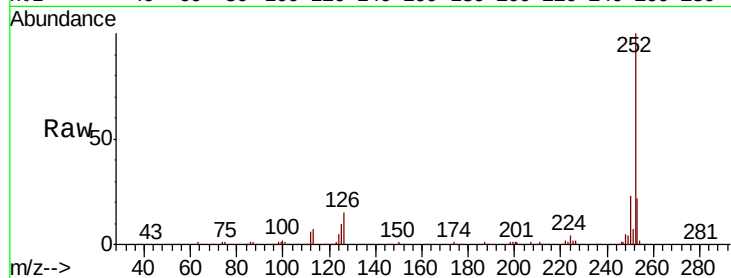




#89  
Benzo(k)fluoranthene  
Concen: 44.698 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

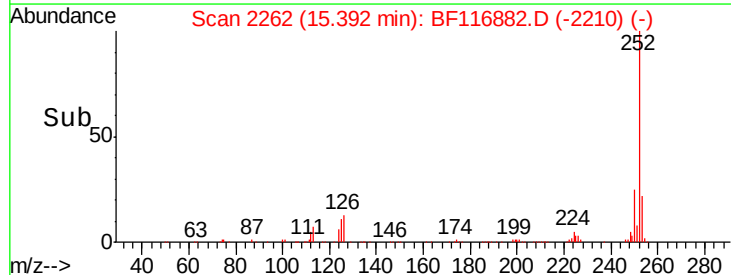
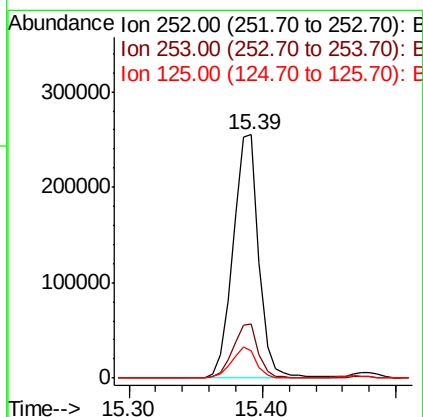
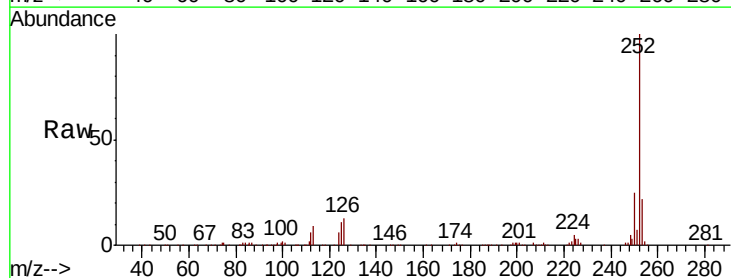
Instrument :  
BNA\_F  
ClientSampleId :

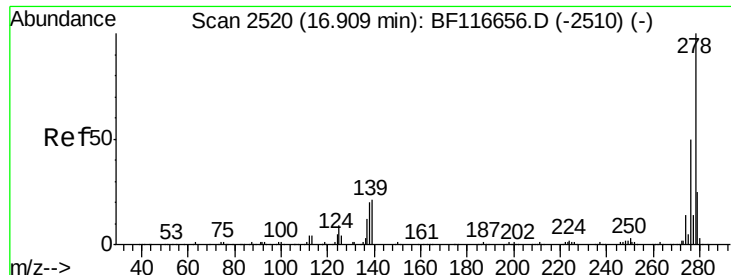
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.7  | 26.5  |
| 125     | 10.5  | 8.6   | 13.0  |



#90  
Benzo(a)pyrene  
Concen: 42.007 ng  
RT: 15.39 min Scan# 2262  
Delta R.T. 0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.1  | 27.1  |
| 125     | 11.1  | 9.8   | 14.8  |

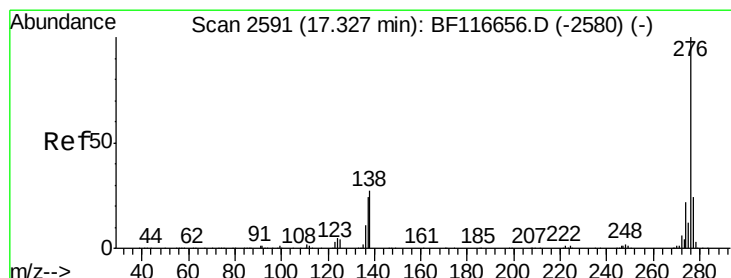
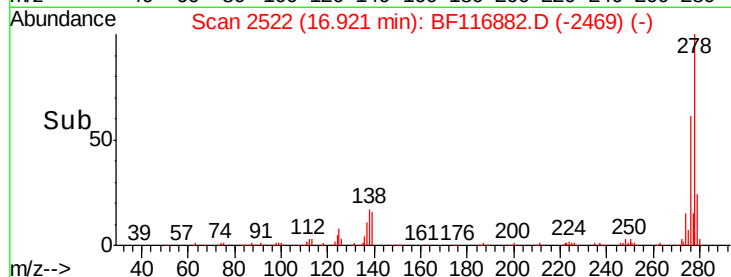
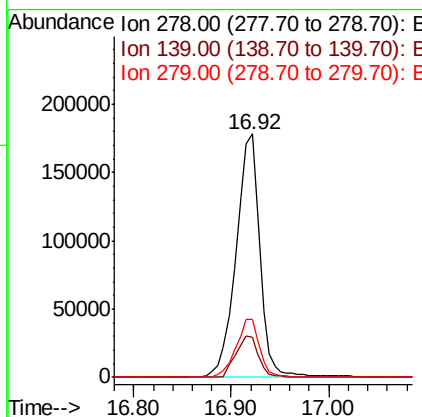
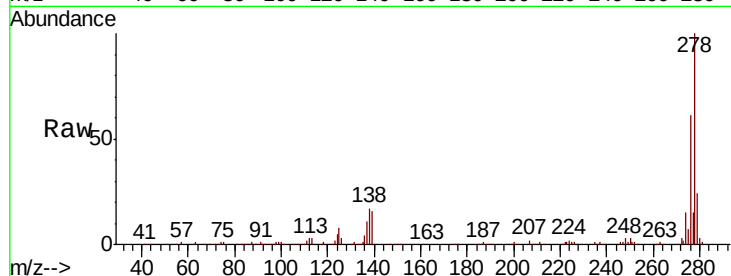




#91  
Dibenzo(a,h)anthracene  
Concen: 42.300 ng  
RT: 16.92 min Scan# 2522  
Delta R.T. 0.01 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 302776  
Ion Ratio Lower Upper  
278 100  
139 16.4 12.4 18.6  
279 23.9 18.2 27.4



#92  
Benzo(g,h,i)perylene  
Concen: 41.852 ng  
RT: 17.34 min Scan# 2594  
Delta R.T. 0.02 min  
Lab File: BF116882.D  
Acq: 8 Sep 2019 21:11

Tgt Ion:276 Resp: 305525  
Ion Ratio Lower Upper  
276 100  
277 24.3 18.5 27.7  
138 23.5 16.2 24.2

