

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\  
 Data File : BF115560.D  
 Acq On : 15 Jul 2019 16:59  
 Operator : HP/JU  
 Sample : PB121224BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 16 01:38:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.88  | 152  | 172091   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 694426   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.92  | 164  | 347523   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.40 | 188  | 640952   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.04 | 240  | 437310   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.50 | 264  | 389252   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1359421 | 129.21 | ng | 0.01  |
| 7) Phenol-d6             | 6.52  | 99  | 1731429 | 129.70 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.45  | 82  | 1102241 | 92.29  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.71 | 330 | 524491  | 129.30 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.24  | 172 | 2053886 | 103.44 | ng | -0.01 |
| 79) Terphenyl-d14        | 12.99 | 244 | 2126838 | 89.74  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.80 | 88  | 225139  | 42.900 | ng | 99     |
| 3) Pyridine                    | 3.53 | 79  | 585375  | 41.112 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.48 | 42  | 227020  | 43.950 | ng | 96     |
| 6) Aniline                     | 6.55 | 93  | 636737  | 34.274 | ng | 98     |
| 8) 2-Chlorophenol              | 6.67 | 128 | 551801  | 45.618 | ng | 94     |
| 9) Benzaldehyde                | 6.43 | 77  | 396176  | 47.490 | ng | 100    |
| 10) Phenol                     | 6.53 | 94  | 684606  | 44.176 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 522321  | 44.269 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.83 | 146 | 595900  | 43.817 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 608376  | 44.835 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.06 | 146 | 562261  | 45.329 | ng | 95     |
| 15) Benzyl Alcohol             | 7.02 | 79  | 502112  | 47.413 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45  | 687903  | 44.285 | ng | 98     |
| 17) 2-Methylphenol             | 7.13 | 107 | 479884  | 46.035 | ng | 99     |
| 18) Hexachloroethane           | 7.40 | 117 | 221580  | 43.995 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 381564  | 43.825 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 563031  | 45.472 | ng | 94     |
| 22) Acetophenone               | 7.29 | 105 | 758656  | 48.359 | ng | # 91   |
| 24) Nitrobenzene               | 7.46 | 77  | 610848  | 47.422 | ng | 99     |
| 25) Isophorone                 | 7.70 | 82  | 1122531 | 46.973 | ng | 100    |
| 26) 2-Nitrophenol              | 7.77 | 139 | 319743  | 48.225 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 535283  | 53.958 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93  | 683407  | 46.615 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 500158  | 48.478 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 546759  | 46.883 | ng | 99     |
| 31) Naphthalene                | 8.19 | 128 | 1640934 | 48.792 | ng | 97     |
| 32) Benzoic acid               | 7.95 | 122 | 377599  | 46.381 | ng | 99     |
| 33) 4-Chloroaniline            | 8.23 | 127 | 420349  | 28.217 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.31 | 225 | 304531  | 45.536 | ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 87674   | 27.500 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107 | 523981  | 48.961 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.88 | 142 | 1109700 | 49.778 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.97 | 142 | 1036473 | 48.948 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 498838  | 47.667 | ng | 97     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\  
 Data File : BF115560.D  
 Acq On : 15 Jul 2019 16:59  
 Operator : HP/JU  
 Sample : PB121224BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 16 01:38:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 14:03:52 2019  
 Response via : Initial Calibration

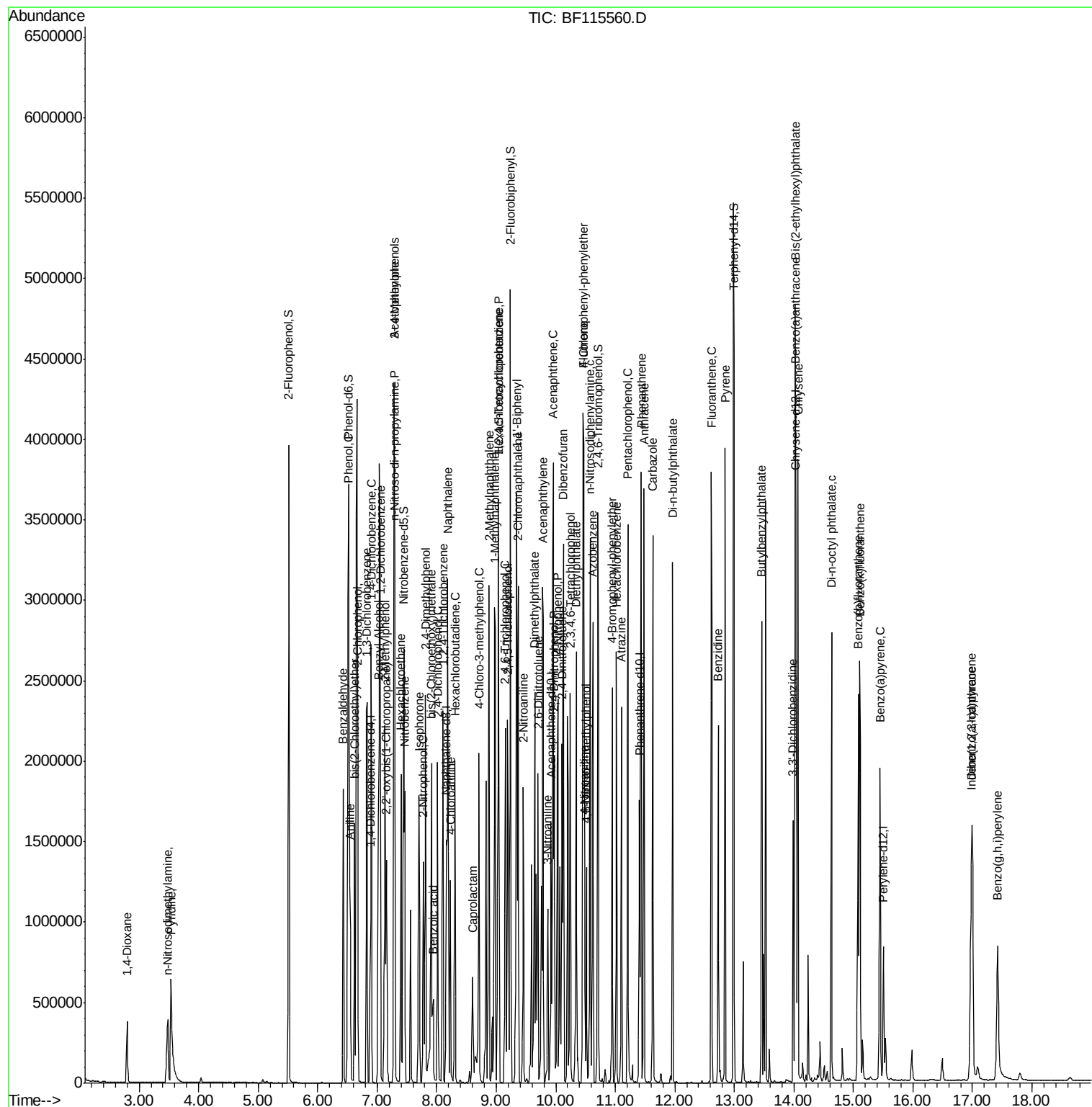
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.04  | 237  | 499250   | 83.630  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.16  | 196  | 373443   | 48.796  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 370755   | 47.305  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.34  | 154  | 1337429  | 49.226  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 1052039  | 46.504  | ng    | 97       |
| 48) 2-Nitroaniline             | 9.46  | 65   | 317739   | 45.379  | ng    | 98       |
| 49) Acenaphthylene             | 9.78  | 152  | 1613491  | 48.134  | ng    | 97       |
| 50) Dimethylphthalate          | 9.65  | 163  | 1213612  | 46.416  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.70  | 165  | 280531   | 47.212  | ng    | 99       |
| 52) Acenaphthene               | 9.96  | 154  | 1131385  | 52.278  | ng    | 99       |
| 53) 3-Nitroaniline             | 9.87  | 138  | 198379   | 29.215  | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 9.97  | 184  | 308987   | 101.283 | ng    | 99       |
| 55) Dibenzofuran               | 10.13 | 168  | 1464761  | 47.660  | ng    | 99       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 512362   | 98.952  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.10 | 165  | 381993   | 49.621  | ng    | 96       |
| 58) Fluorene                   | 10.47 | 166  | 1011937  | 46.058  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 320742   | 48.955  | ng    | 99       |
| 60) Diethylphthalate           | 10.35 | 149  | 1158694  | 47.297  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204  | 523257   | 42.946  | ng    | 94       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 289435   | 44.438  | ng    | 98       |
| 63) Azobenzene                 | 10.62 | 77   | 1085745  | 45.692  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 196613   | 50.208  | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 10.58 | 169  | 945228   | 47.409  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.95 | 248  | 339543   | 46.357  | ng    | 96       |
| 68) Hexachlorobenzene          | 11.02 | 284  | 384788   | 46.002  | ng    | 97       |
| 69) Atrazine                   | 11.10 | 200  | 307262   | 46.977  | ng    | 100      |
| 70) Pentachlorophenol          | 11.21 | 266  | 457503   | 89.426  | ng    | 99       |
| 71) Phenanthrene               | 11.43 | 178  | 1545086  | 47.028  | ng    | 98       |
| 72) Anthracene                 | 11.48 | 178  | 1608979  | 47.387  | ng    | 99       |
| 73) Carbazole                  | 11.63 | 167  | 1388926  | 46.647  | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.96 | 149  | 1675551  | 45.685  | ng    | 99       |
| 75) Fluoranthene               | 12.62 | 202  | 1601704  | 46.134  | ng    | 98       |
| 77) Benzidine                  | 12.73 | 184  | 878689   | 56.720  | ng    | 99       |
| 78) Pyrene                     | 12.84 | 202  | 1707706  | 46.091  | ng    | 98       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 722973   | 45.774  | ng    | 96       |
| 81) Benzo(a)anthracene         | 14.03 | 228  | 1322846  | 45.916  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 385806   | 37.670  | ng    | 99       |
| 83) Chrysene                   | 14.07 | 228  | 1335777  | 46.187  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 896322   | 45.814  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.63 | 149  | 1530475  | 49.166  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.98 | 276  | 1098104  | 44.691  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.08 | 252  | 1212551  | 48.377  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.11 | 252  | 1207838  | 54.050  | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.45 | 252  | 1077249  | 50.005  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.00 | 278  | 923753   | 48.844  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.43 | 276  | 865793   | 45.902  | ng    | 99       |

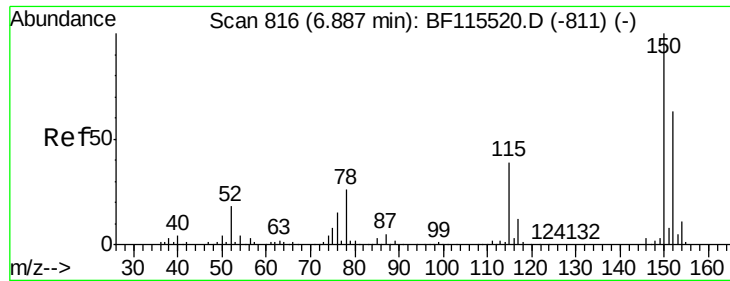
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\  
Data File : BF115560.D  
Acq On : 15 Jul 2019 16:59  
Operator : HP/JU  
Sample : PB121224BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Jul 16 01:38:30 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 14:03:52 2019  
Response via : Initial Calibration



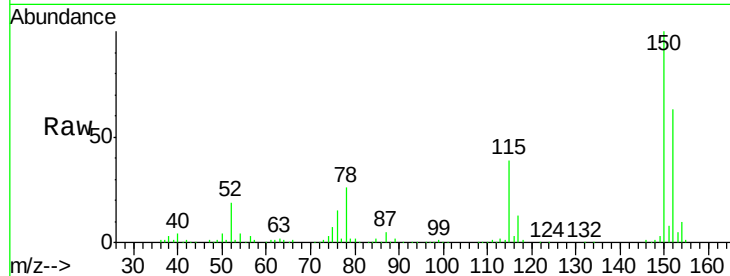


#1

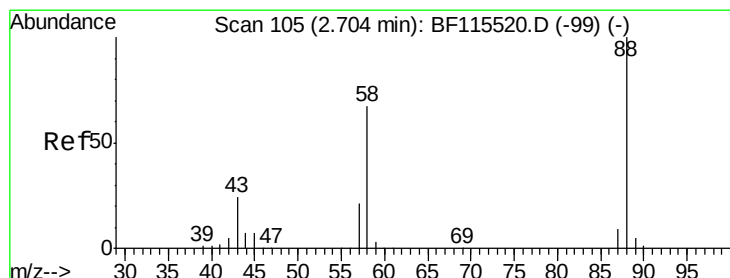
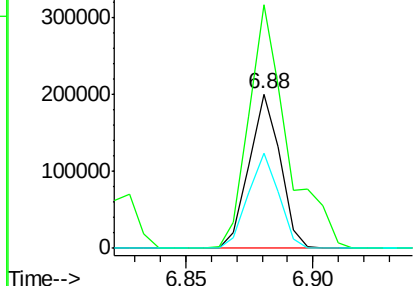
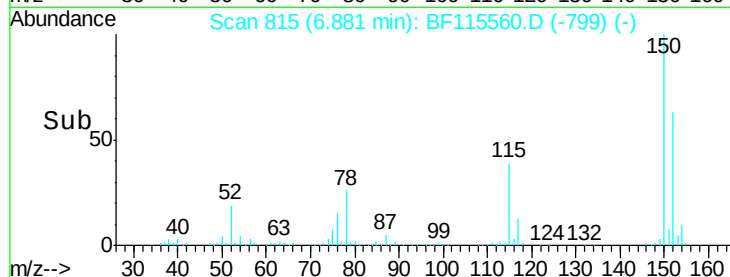
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.88 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 172091  
Ion Ratio Lower Upper  
152 100  
150 157.8 129.7 194.5  
115 61.9 48.2 72.4



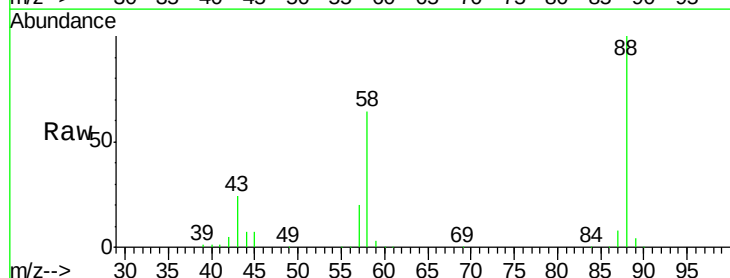
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



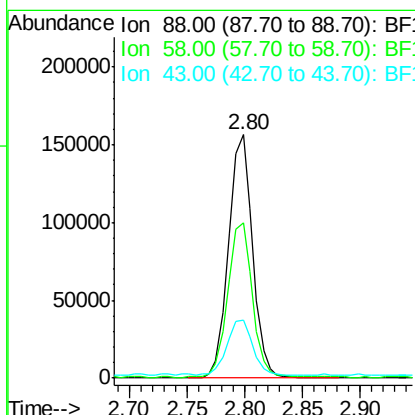
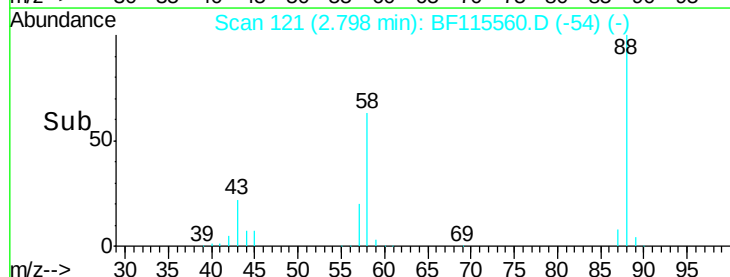
#2

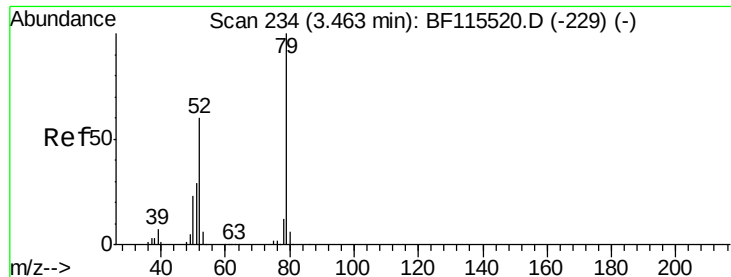
1,4-Dioxane  
Concen: 42.900 ng  
RT: 2.80 min Scan# 121  
Delta R.T. 0.09 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Tgt Ion: 88 Resp: 225139  
Ion Ratio Lower Upper  
88 100  
58 65.1 52.6 79.0  
43 23.8 19.1 28.7



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: 41.112 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

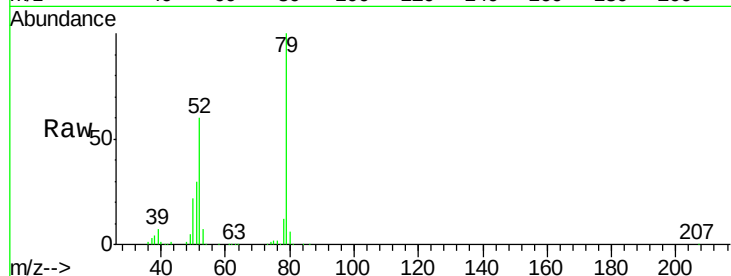
Tot Ion: 79 Resp: 585375

Ion Ratio Lower Upper

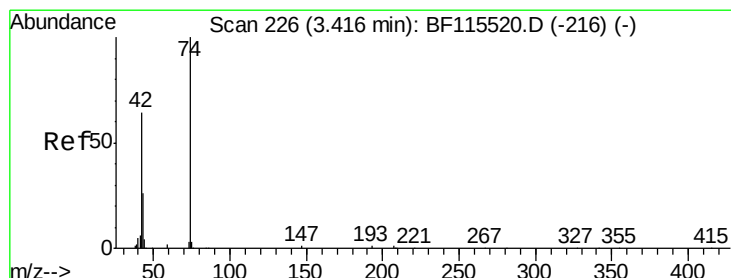
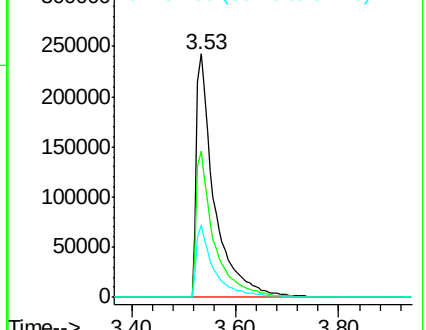
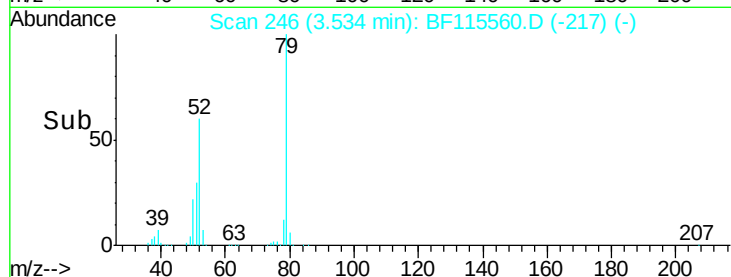
79 100

52 60.1 47.8 71.6

51 29.6 23.8 35.8



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: 43.950 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

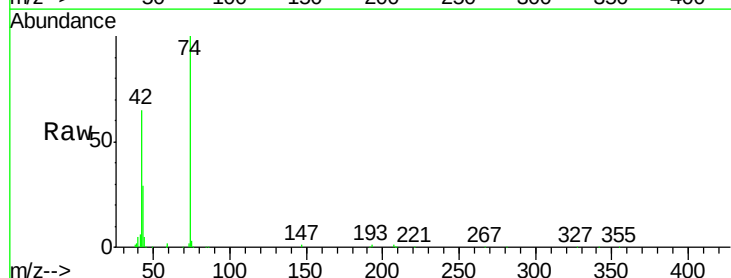
Tgt Ion: 42 Resp: 227020

Ion Ratio Lower Upper

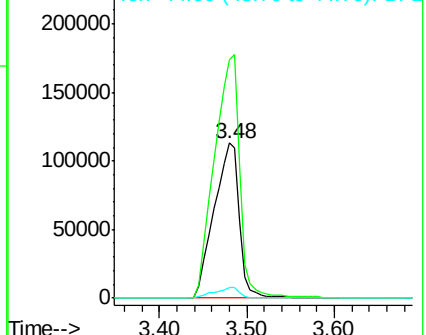
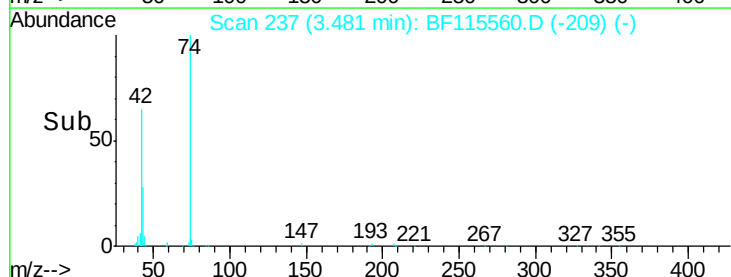
42 100

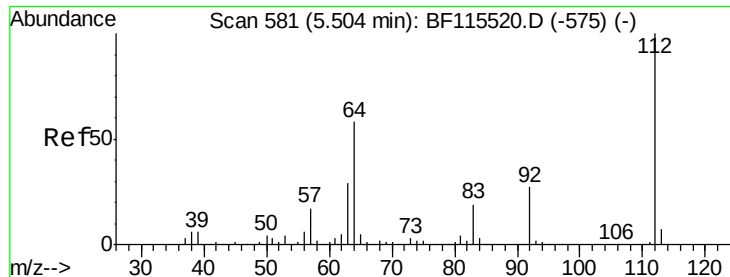
74 153.5 127.5 191.3

44 7.1 5.0 7.6



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: 129.212 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :  
BNA\_F  
ClientSampleId :

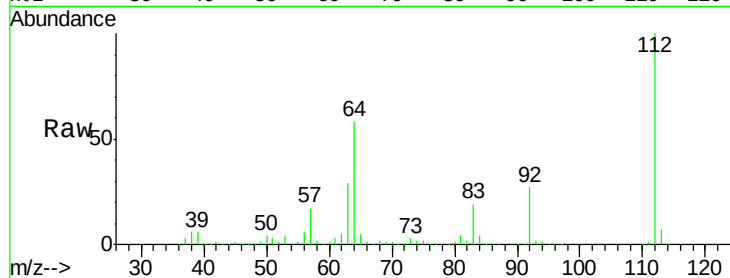
Tot Ion: 112 Resp: 1359421

Ion Ratio Lower Upper

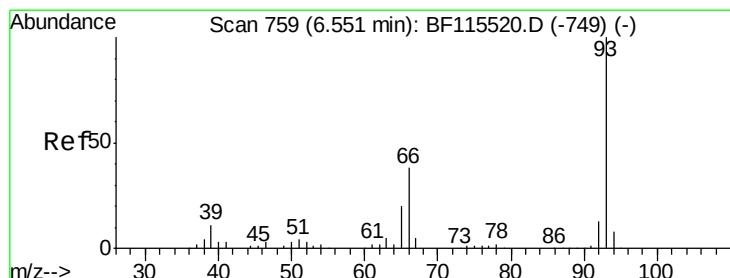
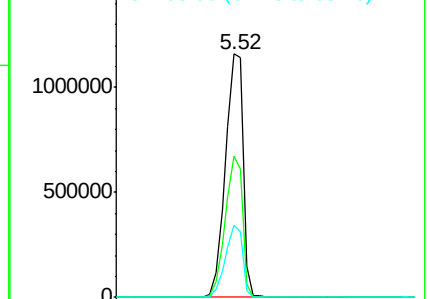
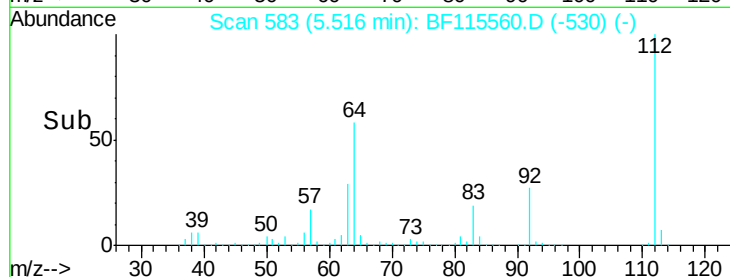
112 100

64 57.8 46.8 70.2

63 29.4 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.274 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

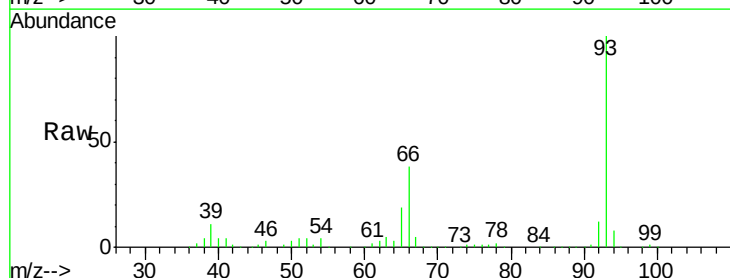
Tgt Ion: 93 Resp: 636737

Ion Ratio Lower Upper

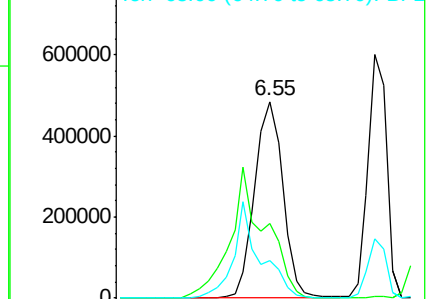
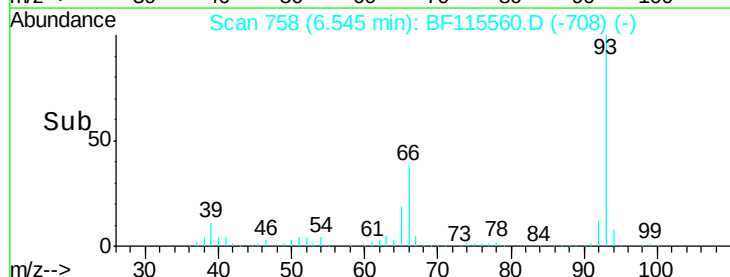
93 100

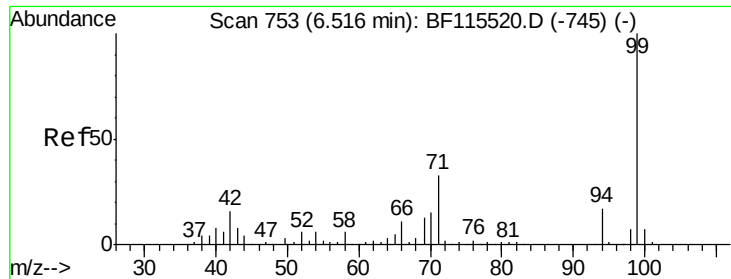
66 38.2 31.7 47.5

65 19.2 16.2 24.2



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: 129.697 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

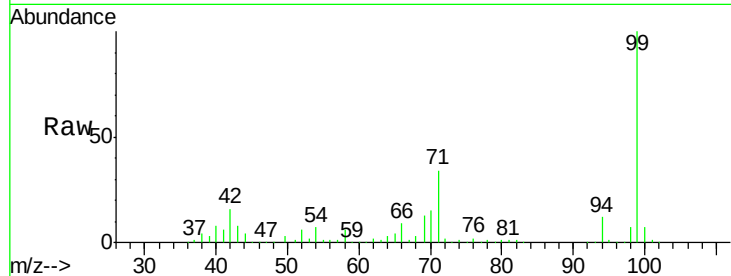
Tot Ion: 99 Resp: 1731429

Ion Ratio Lower Upper

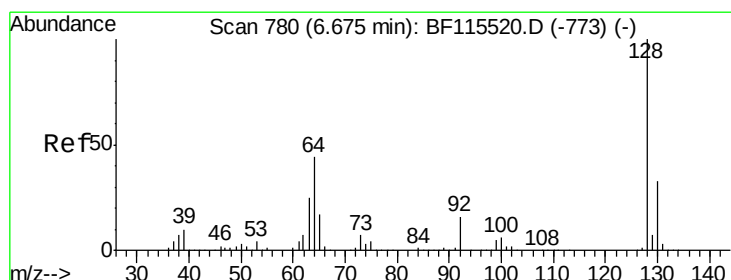
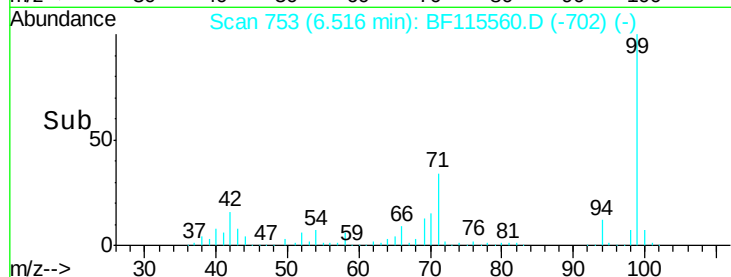
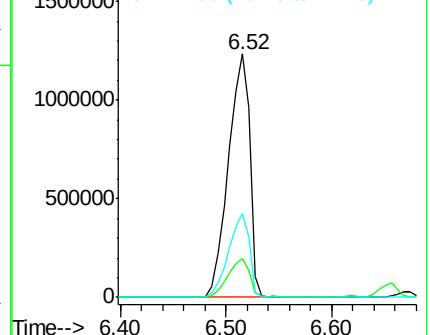
99 100

42 15.9 13.6 20.4

71 34.2 28.5 42.7



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: 45.618 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

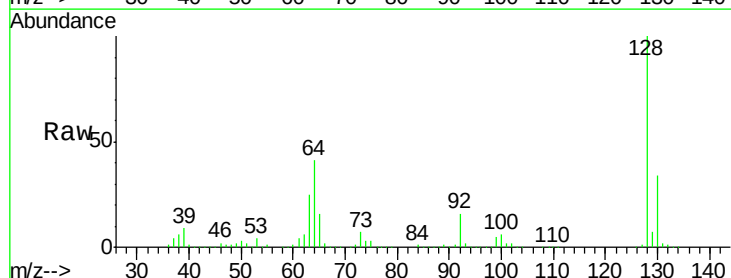
Tgt Ion: 128 Resp: 551801

Ion Ratio Lower Upper

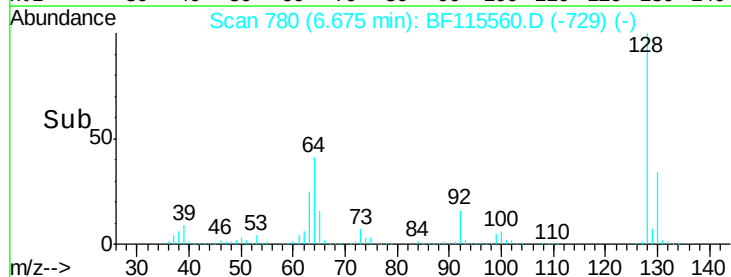
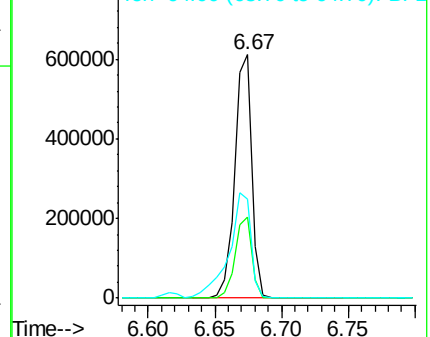
128 100

130 33.5 12.8 52.8

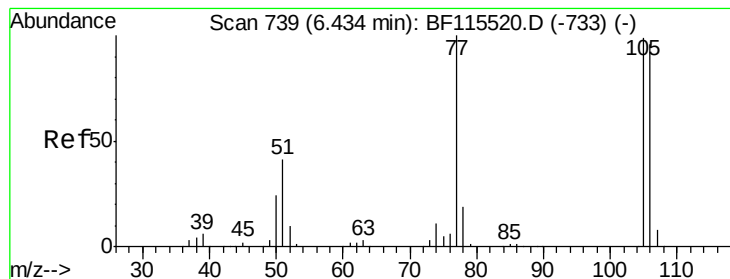
64 40.8 26.8 66.8



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: 47.490 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

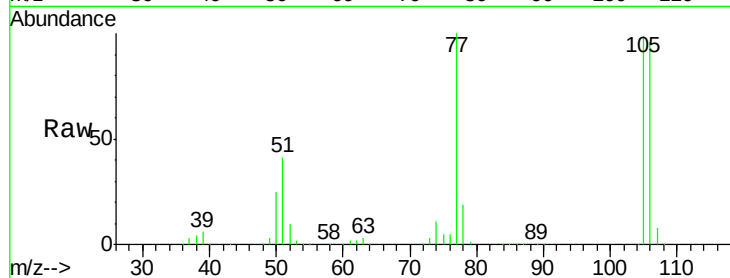
Tot Ion: 77 Resp: 396176

Ion Ratio Lower Upper

77 100

105 98.6 78.8 118.8

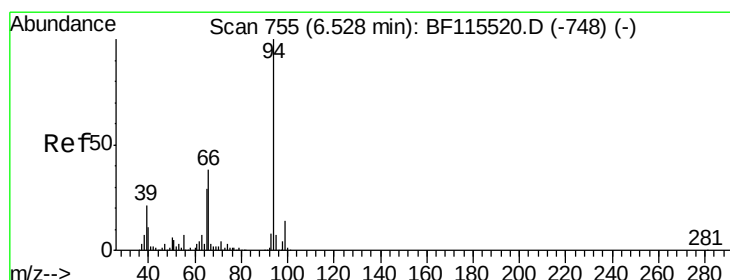
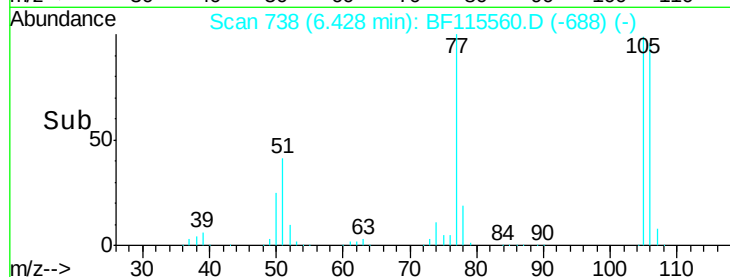
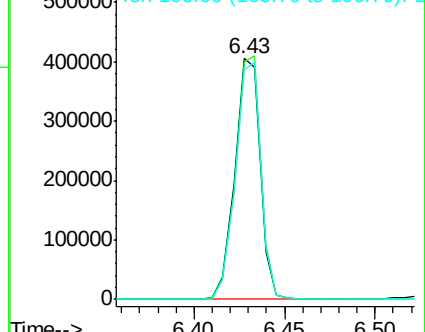
106 95.5 75.6 115.6



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: 44.176 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

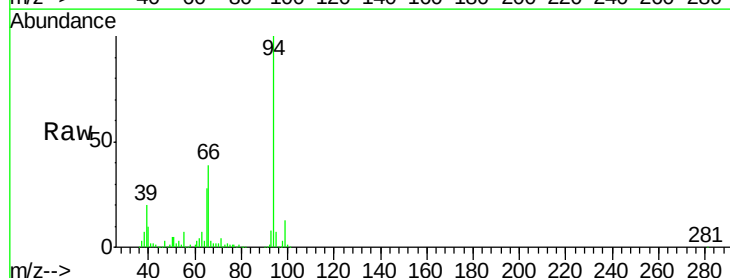
Tgt Ion: 94 Resp: 684606

Ion Ratio Lower Upper

94 100

65 28.3 14.5 54.5

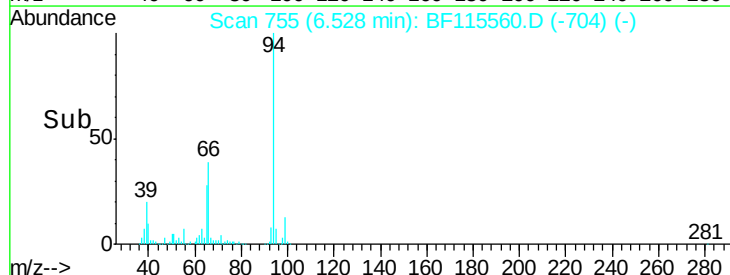
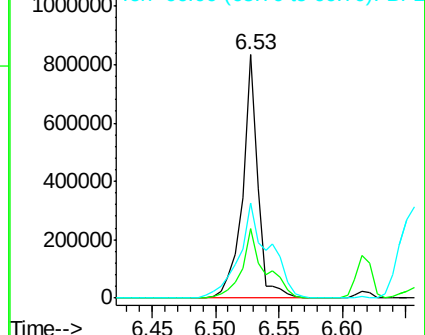
66 38.8 31.3 71.3



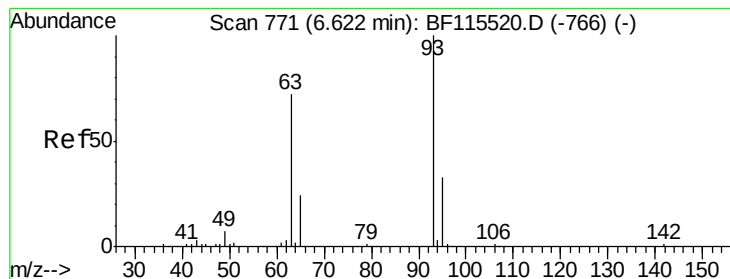
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 44.269 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

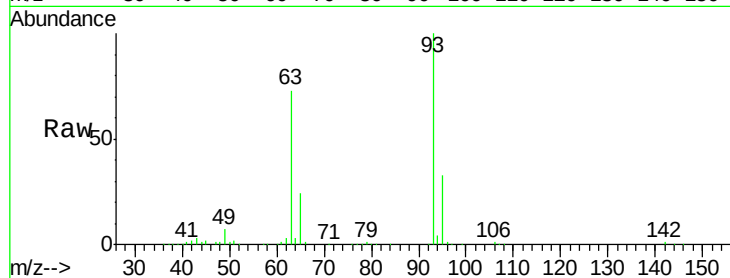
Tot Ion: 93 Resp: 522321

Ion Ratio Lower Upper

93 100

63 72.9 52.2 92.2

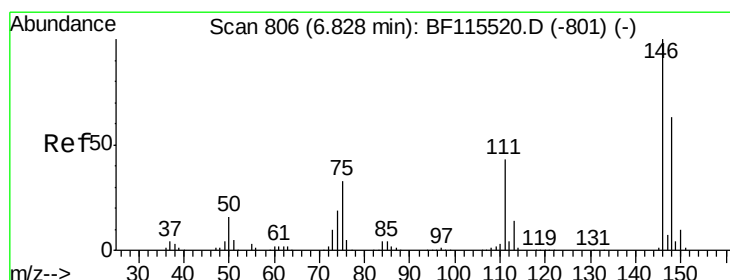
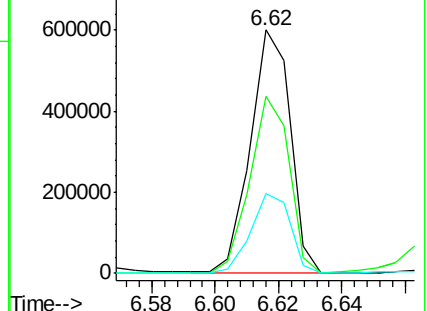
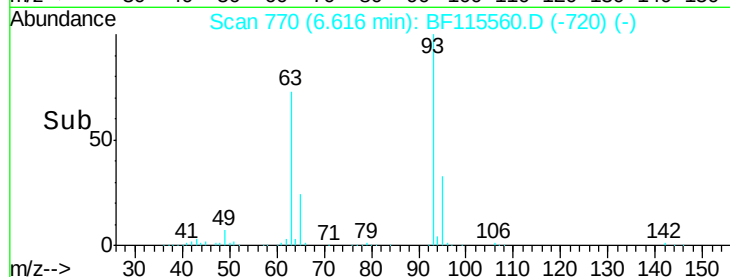
95 32.9 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 43.817 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

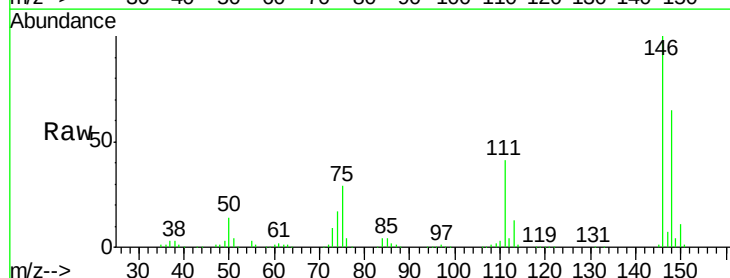
Tgt Ion: 146 Resp: 595900

Ion Ratio Lower Upper

146 100

148 65.3 52.1 78.1

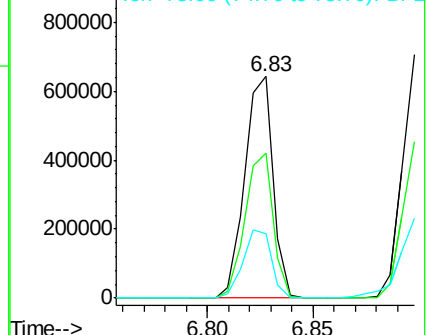
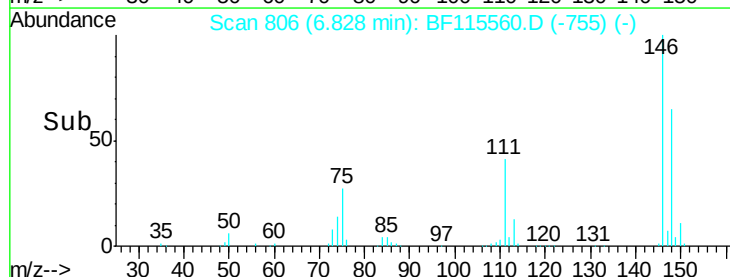
75 28.9 24.9 37.3

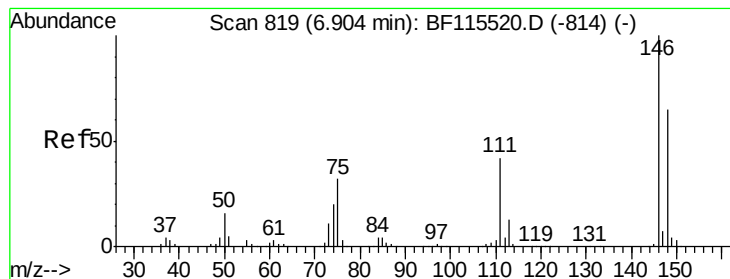


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 44.835 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

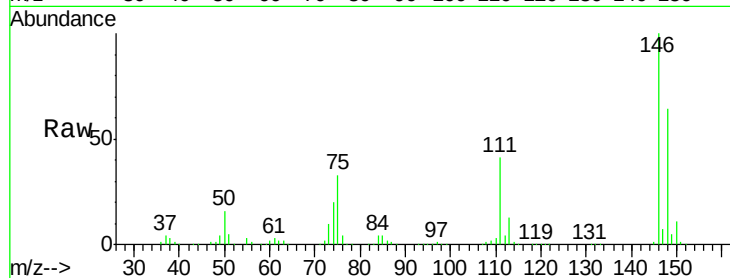
Tot Ion:146 Resp: 608376

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

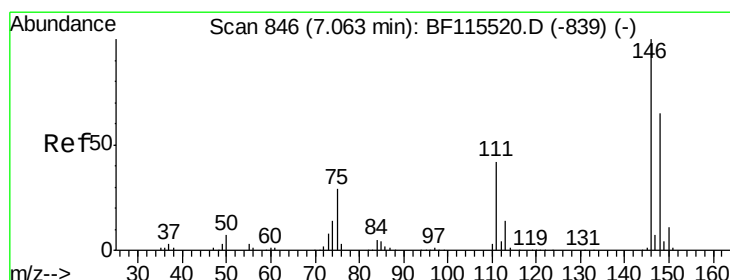
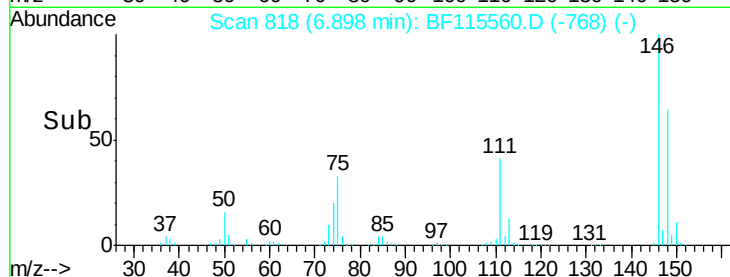
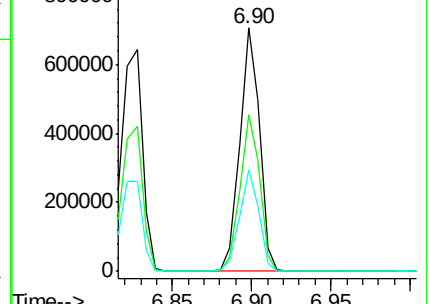
111 41.5 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.329 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

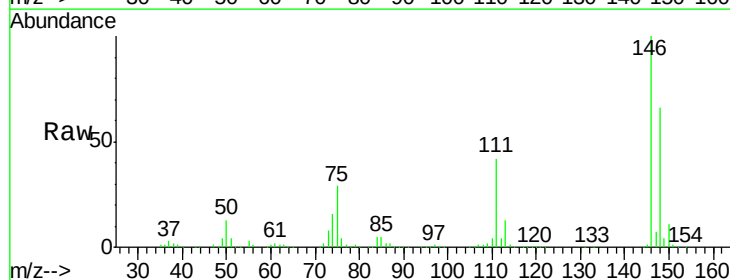
Tgt Ion:146 Resp: 562261

Ion Ratio Lower Upper

146 100

148 65.9 51.1 76.7

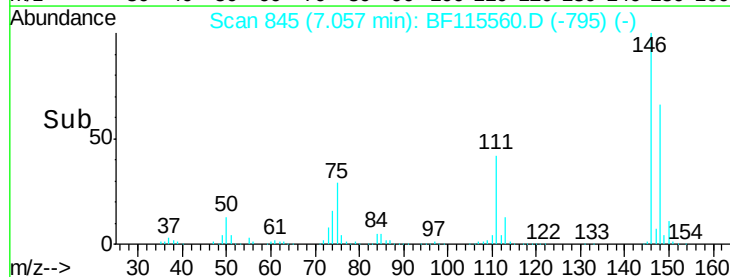
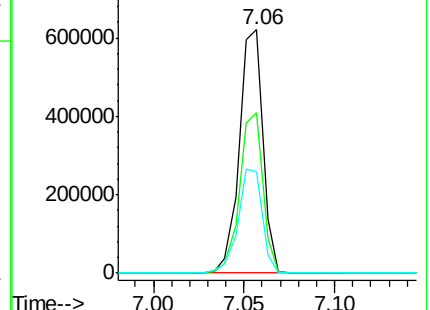
111 41.9 37.6 56.4

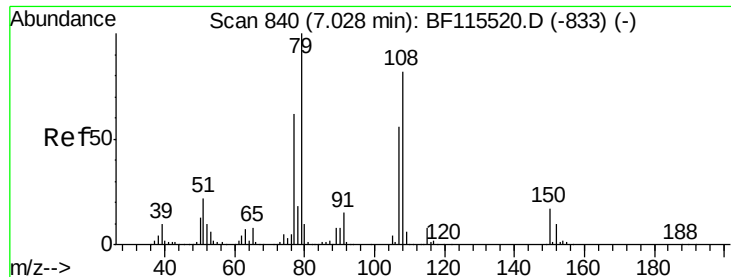


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.413 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

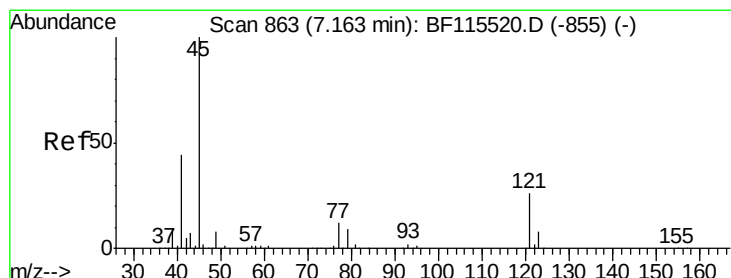
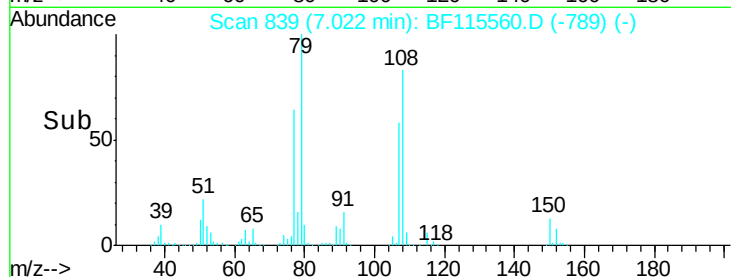
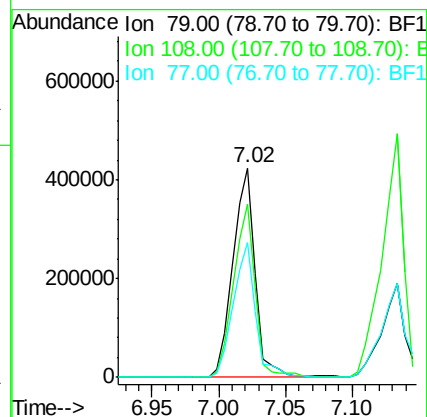
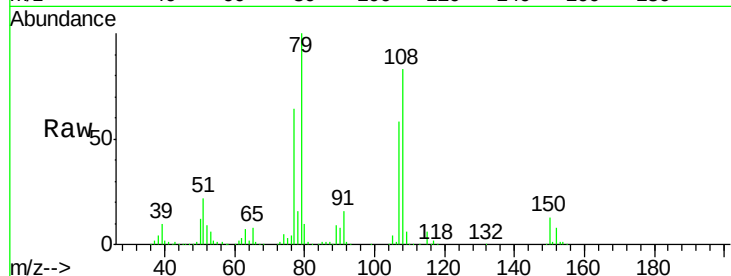
Tot Ion: 79 Resp: 502112

Ion Ratio Lower Upper

79 100

108 82.6 64.2 96.4

77 64.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.285 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

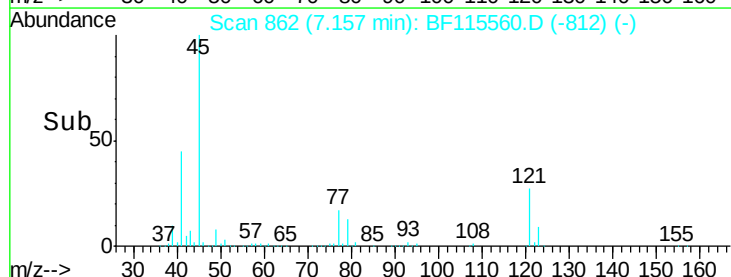
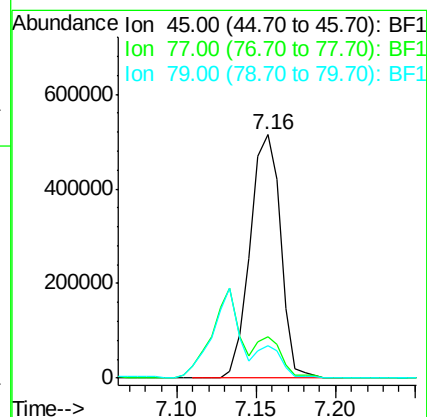
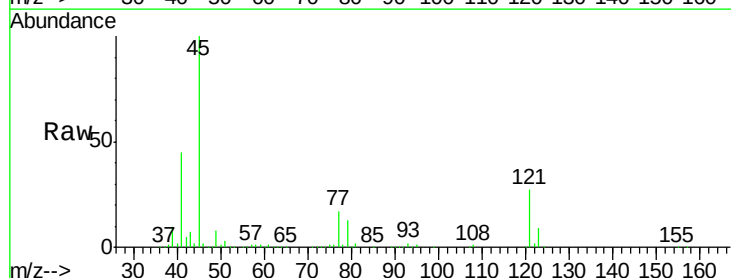
Tgt Ion: 45 Resp: 687903

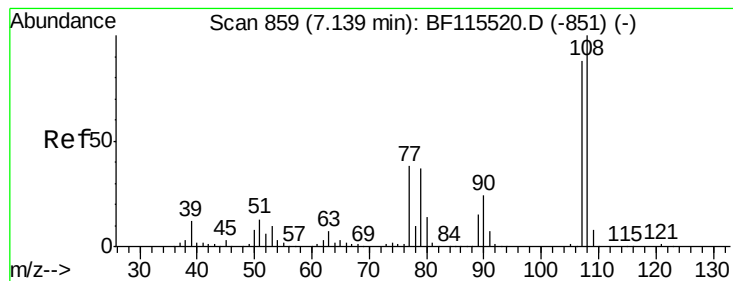
Ion Ratio Lower Upper

45 100

77 17.0 0.0 38.1

79 13.1 0.0 34.1

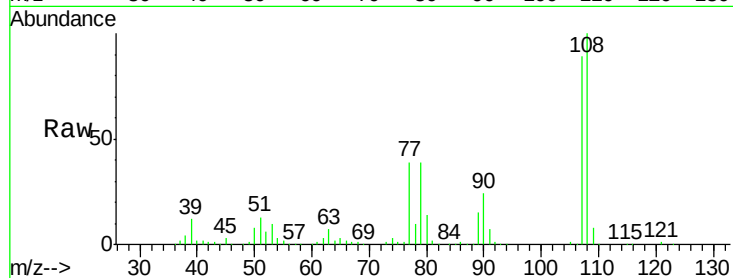




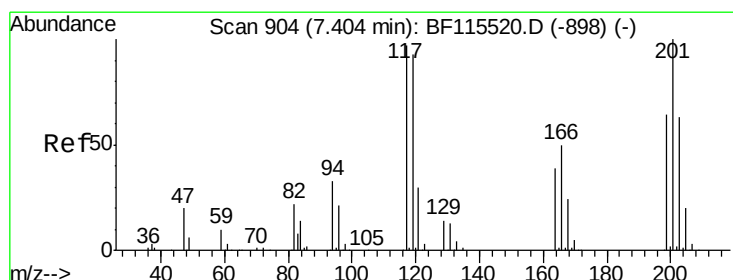
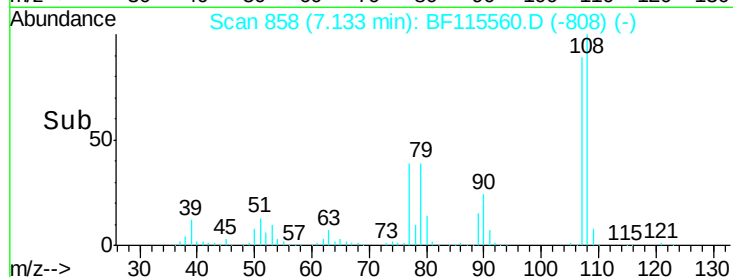
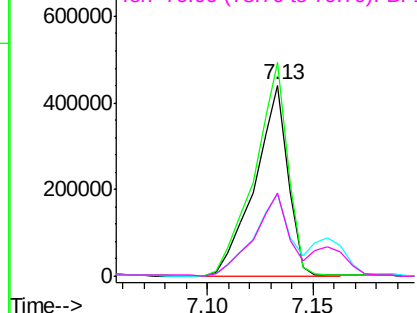
#17  
2-Methylphenol  
Concen: 46.035 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 479884  
Ion Ratio Lower Upper  
107 100  
108 112.0 89.4 134.2  
77 43.2 35.7 53.5  
79 43.4 35.0 52.4

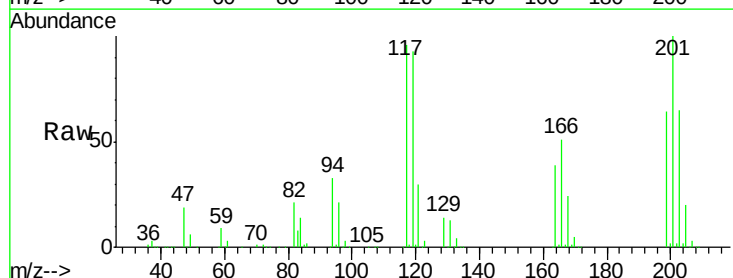


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

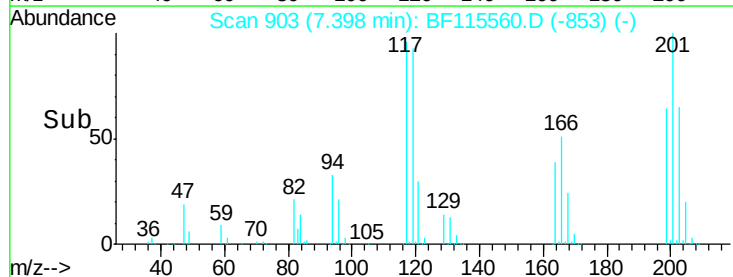
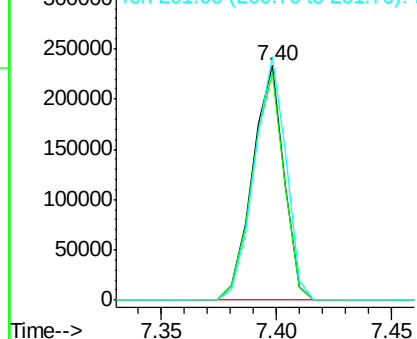


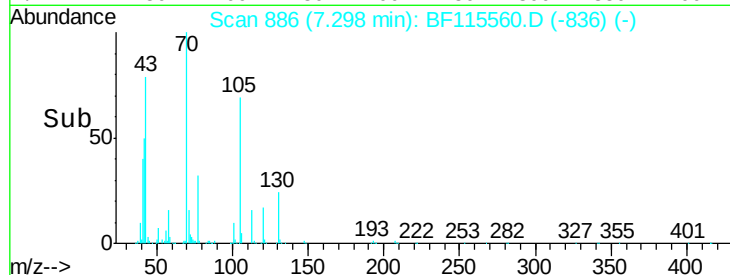
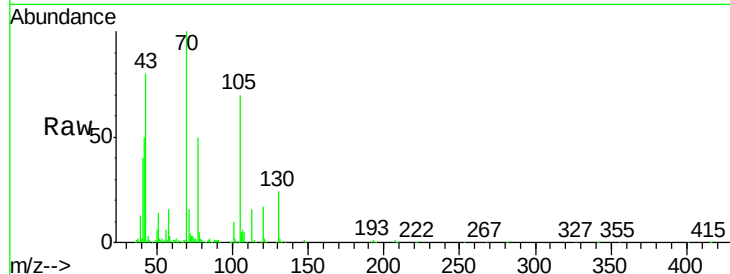
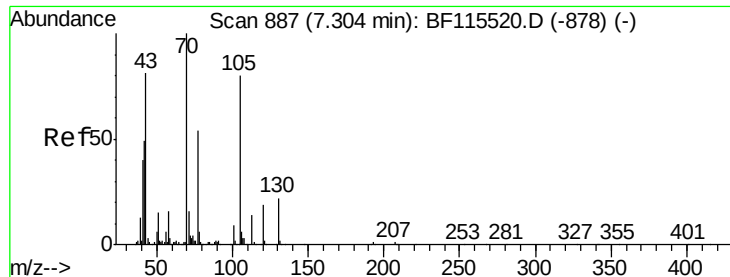
#18  
Hexachloroethane  
Concen: 43.995 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Tgt Ion:117 Resp: 221580  
Ion Ratio Lower Upper  
117 100  
119 97.0 77.7 116.5  
201 103.8 86.0 129.0



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

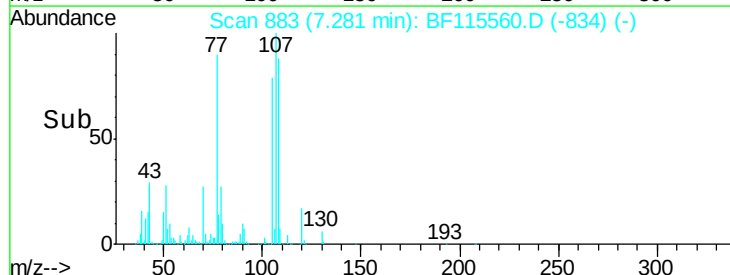
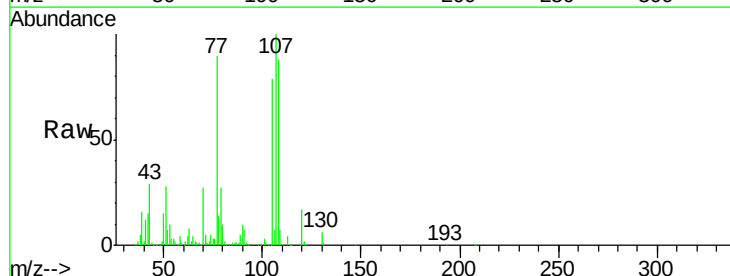
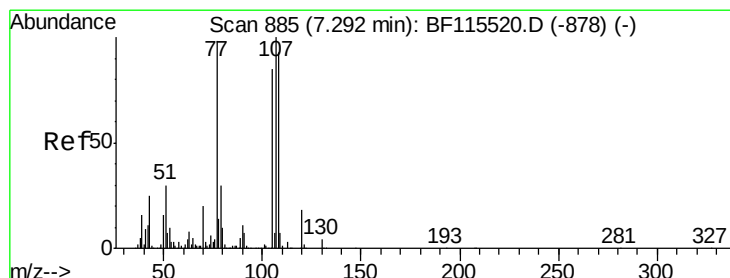
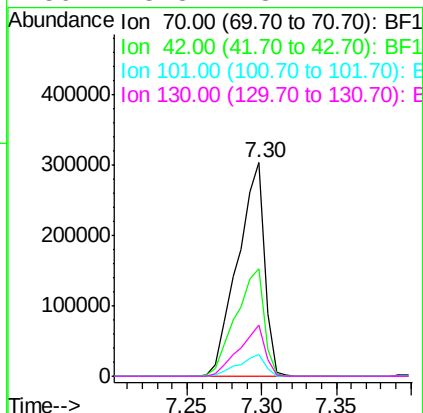




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.825 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

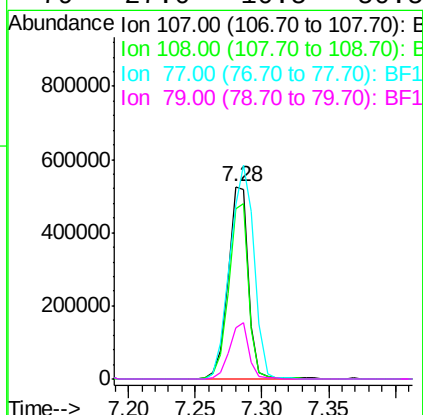
Instrument :  
BNA\_F  
ClientSampleId :

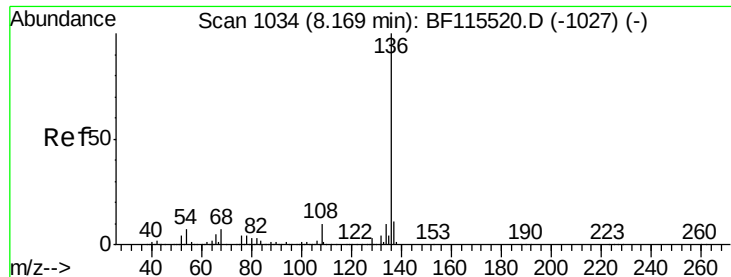
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 381564 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 50.1  | 39.6  | 59.4   |
| 101      | 10.2  | 8.1   | 12.1   |
| 130      | 23.8  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 45.472 ng  
RT: 7.28 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 563031 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.3  | 72.9  | 112.9  |
| 77       | 90.3  | 77.6  | 117.6  |
| 79       | 27.0  | 10.5  | 50.5   |

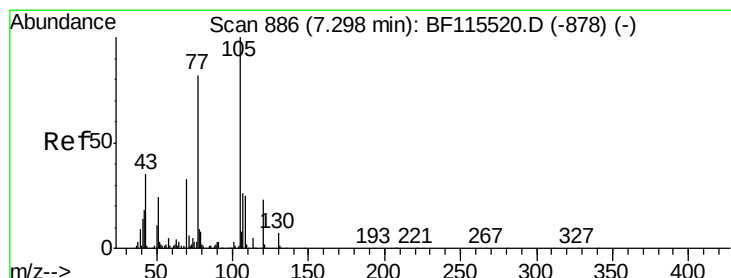
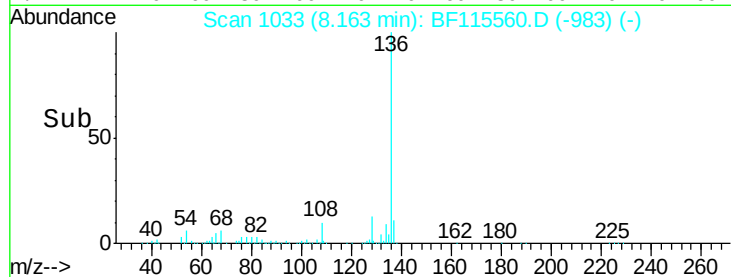
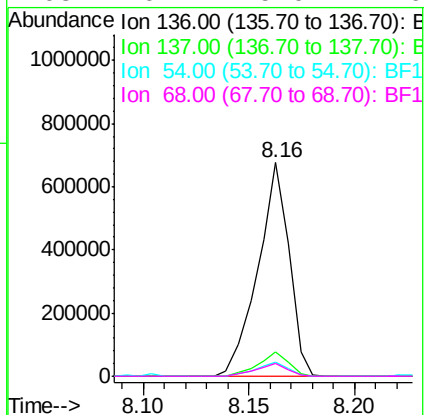
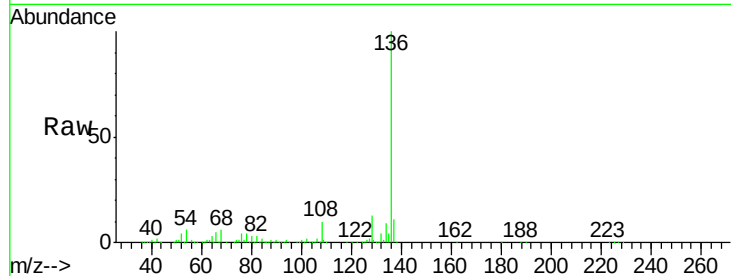




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

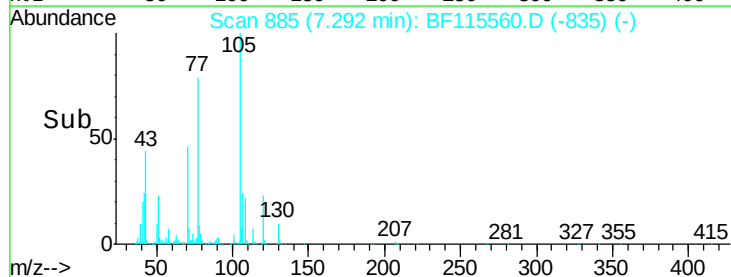
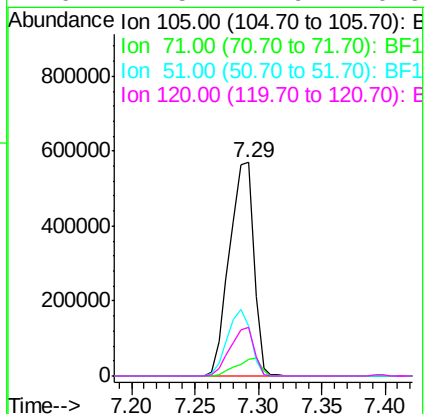
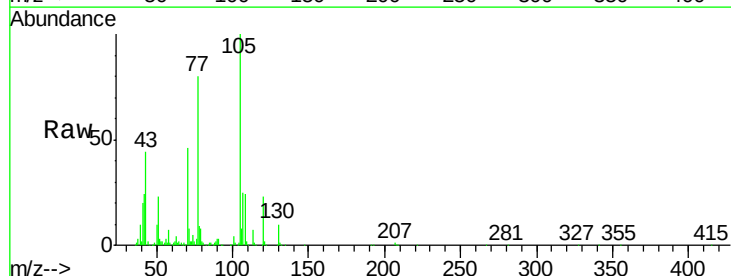
Instrument :  
BNA\_F  
ClientSampled :

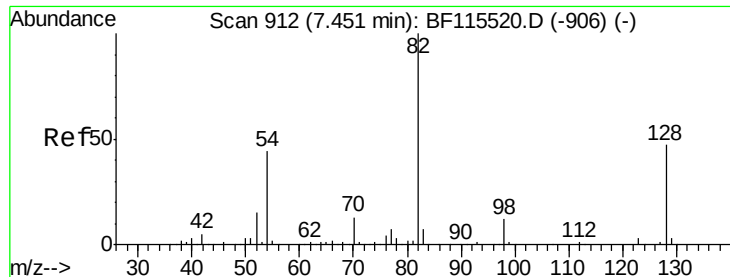
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 694426 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.2    | 9.0 13.4     |
| 54 6.4      | 5.6 8.4      |
| 68 6.1      | 5.0 7.6      |



#22  
Acetophenone  
Concen: 48.359 ng  
RT: 7.29 min Scan# 885  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 758656 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.7     | 3.5   | 5.3#   |
| 51  | 23.2    | 25.6  | 38.4#  |
| 120 | 22.5    | 17.9  | 26.9   |

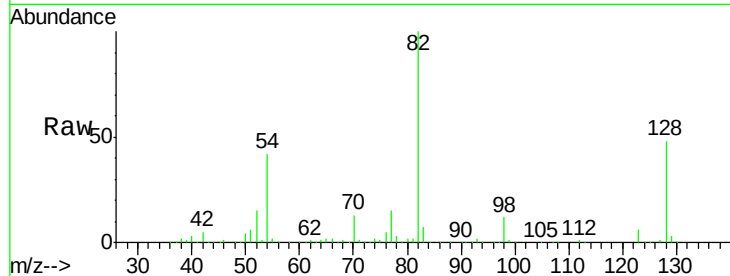




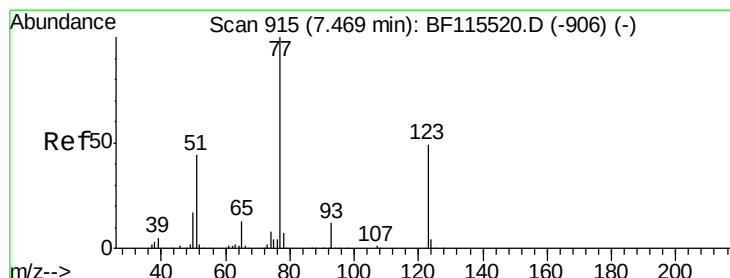
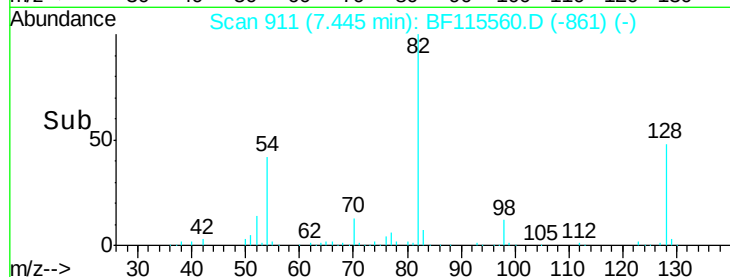
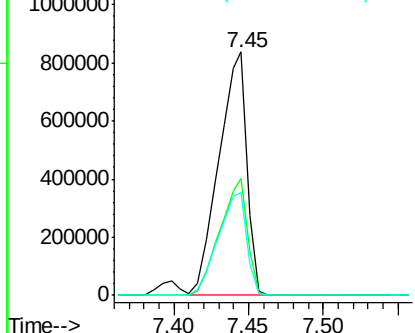
#23  
Nitrobenzene-d5  
Concen: 92.294 ng  
RT: 7.45 min Scan# 911  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 1102241  
Ion Ratio Lower Upper  
82 100  
128 48.0 38.6 57.8  
54 42.4 35.6 53.4

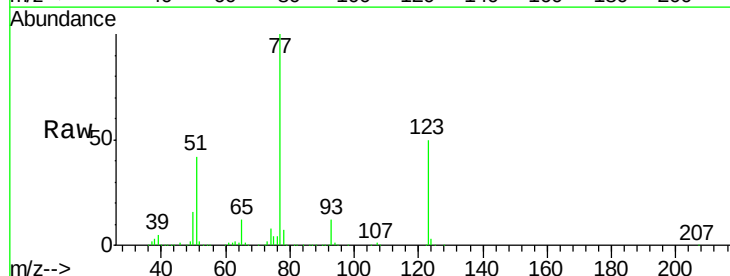


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

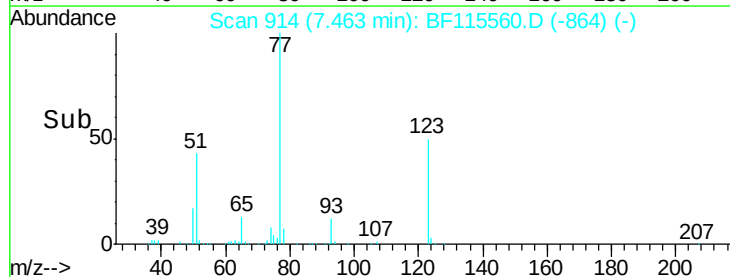
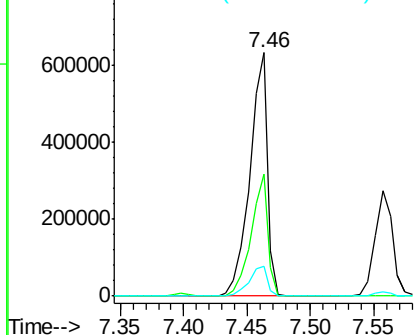


#24  
Nitrobenzene  
Concen: 47.422 ng  
RT: 7.46 min Scan# 914  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

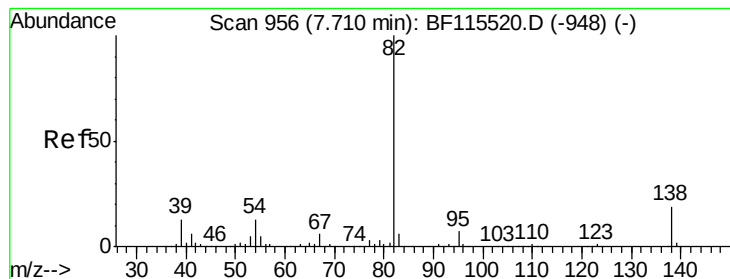
Tgt Ion: 77 Resp: 610848  
Ion Ratio Lower Upper  
77 100  
123 49.9 40.0 60.0  
65 12.5 11.0 16.4



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







#25

Isophorone

Concen: 46.973 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

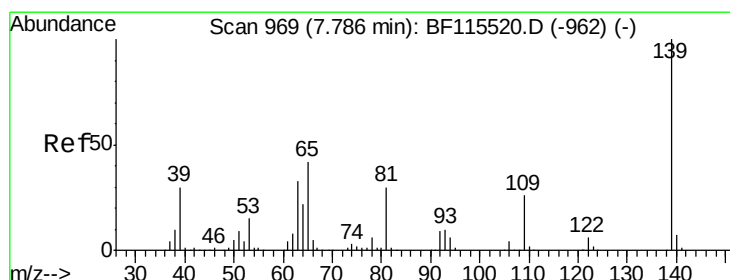
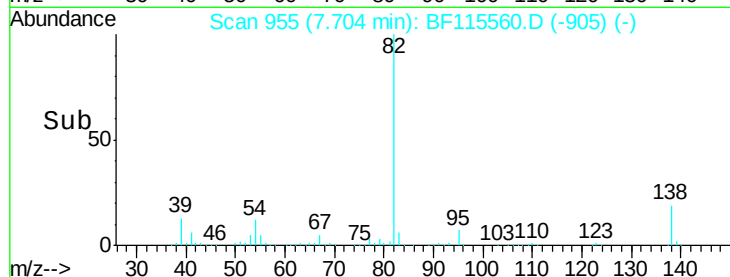
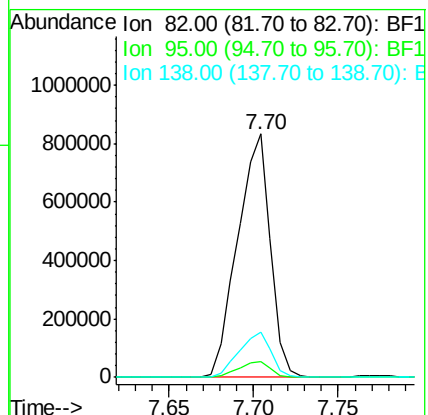
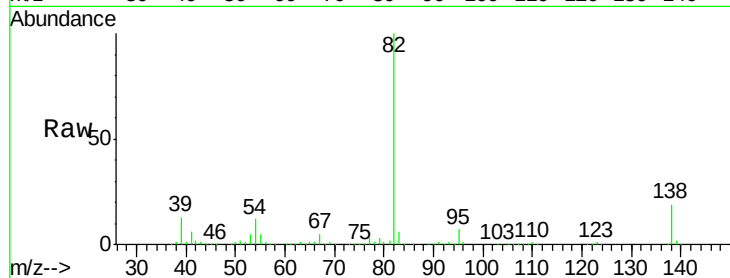
Tot Ion: 82 Resp: 1122531

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 48.225 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

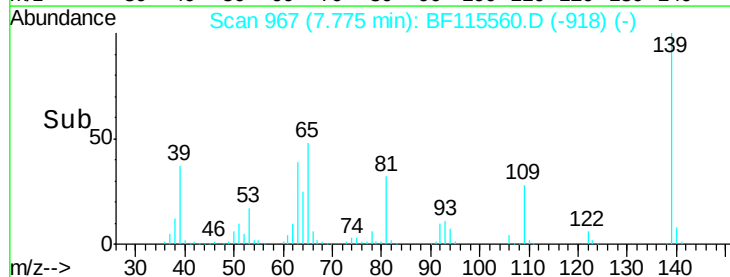
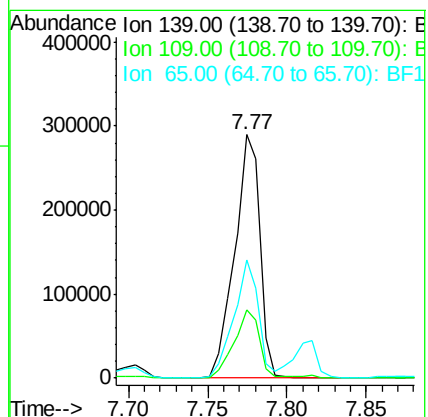
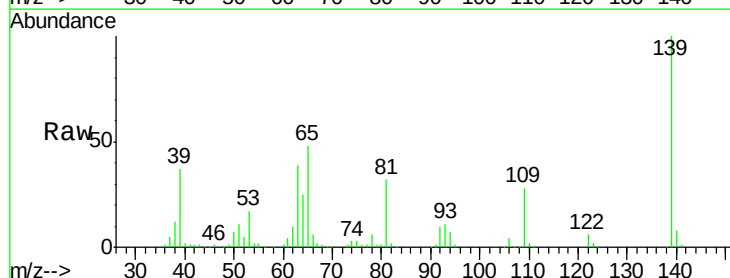
Tgt Ion: 139 Resp: 319743

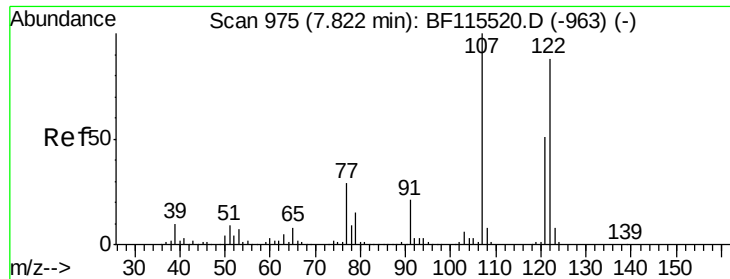
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 48.3 37.9 56.9

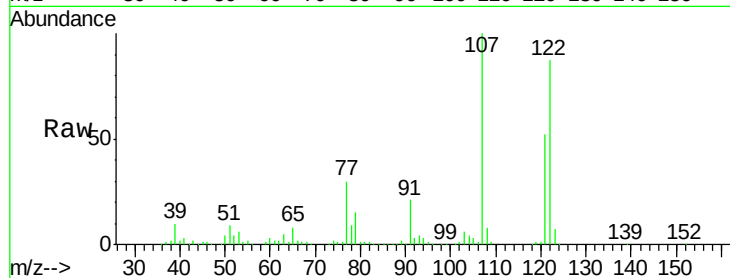




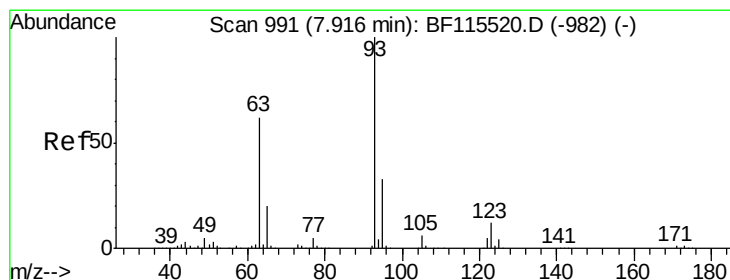
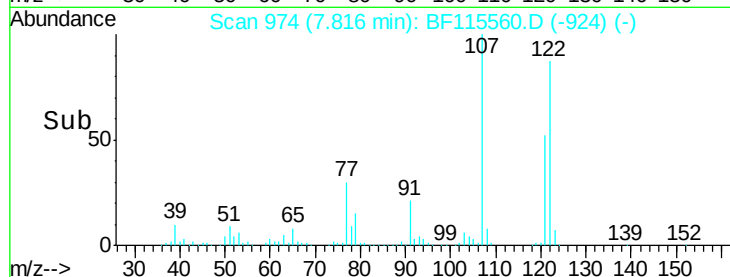
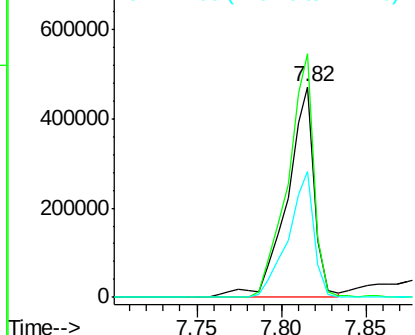
#27  
 2,4-Dimethylphenol  
 Concen: 53.958 ng  
 RT: 7.82 min Scan# 974  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:122 Resp: 535283  
 Ion Ratio Lower Upper  
 122 100  
 107 115.5 92.9 139.3  
 121 59.6 46.9 70.3

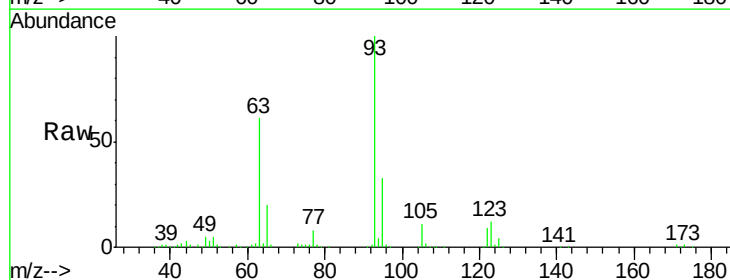


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

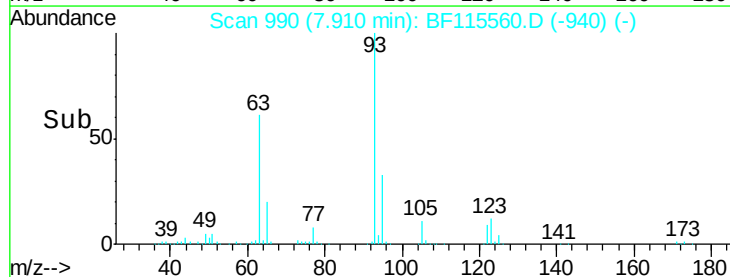
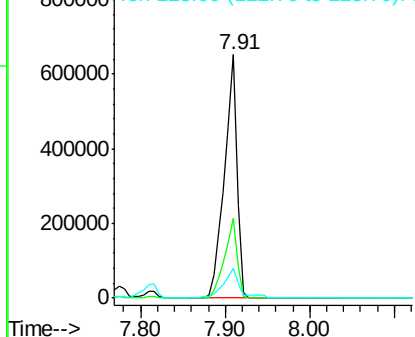


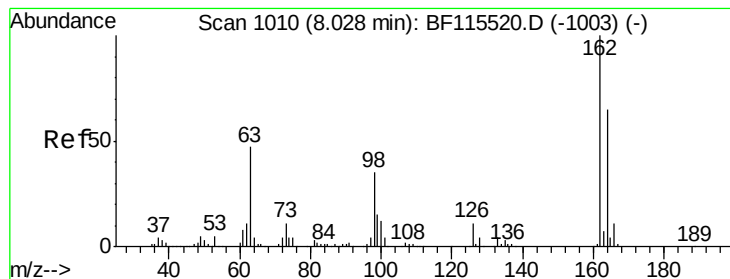
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.615 ng  
 RT: 7.91 min Scan# 990  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Tgt Ion: 93 Resp: 683407  
 Ion Ratio Lower Upper  
 93 100  
 95 32.6 27.0 40.4  
 123 12.1 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1  
 Ion 95.00 (94.70 to 95.70): BF1  
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.478 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampled :

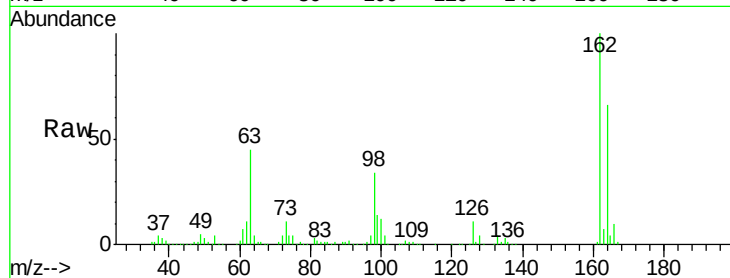
Tot Ion:162 Resp: 500158

Ion Ratio Lower Upper

162 100

164 66.1 44.9 84.9

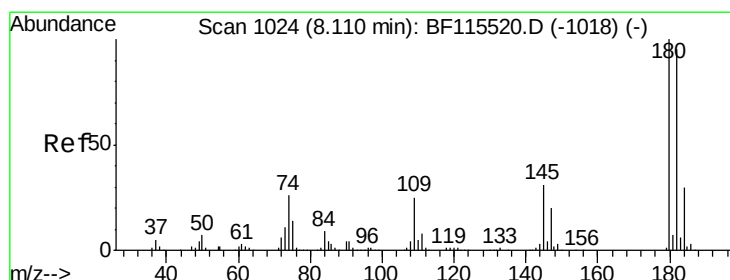
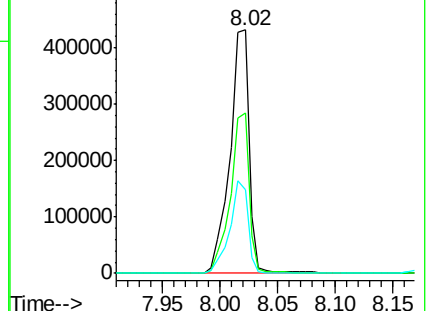
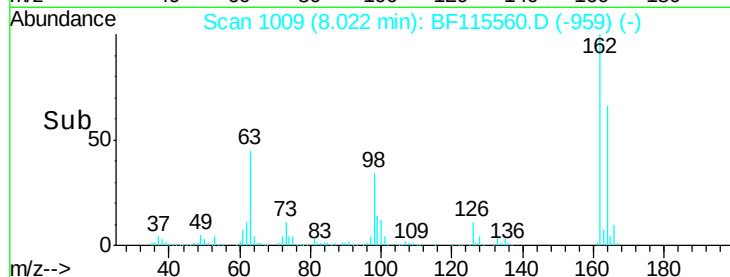
98 34.3 17.7 57.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 46.883 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

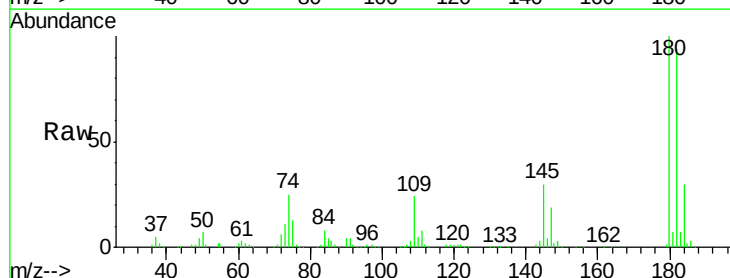
Tgt Ion:180 Resp: 546759

Ion Ratio Lower Upper

180 100

182 94.4 75.0 112.6

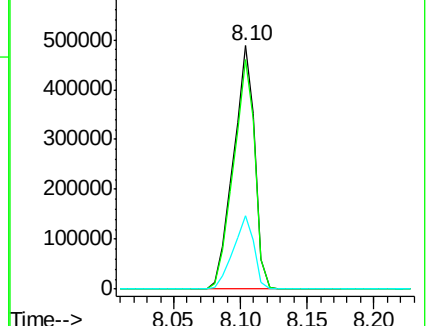
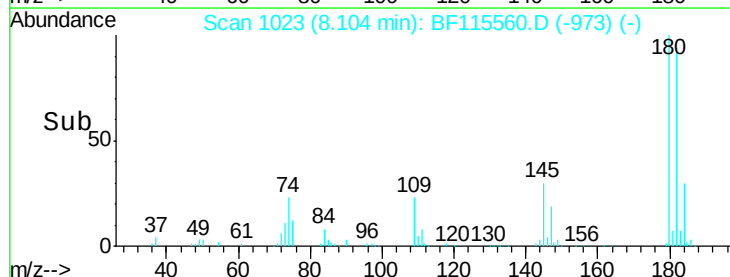
145 30.3 25.1 37.7

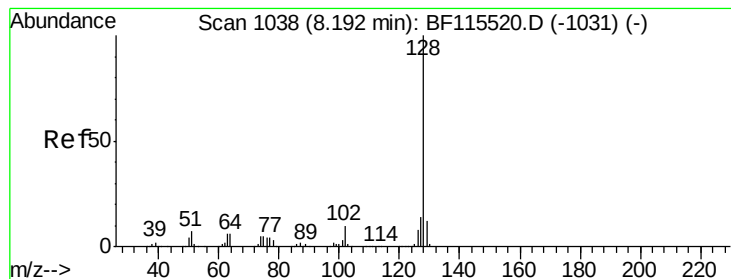


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.792 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

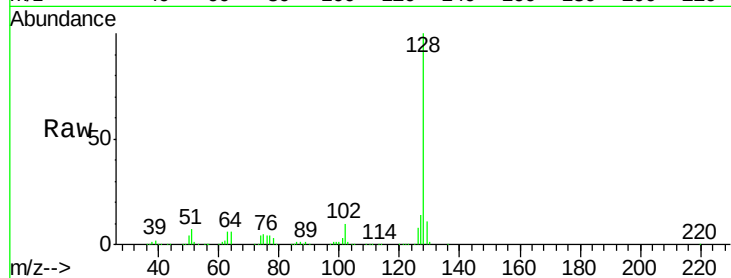
Tot Ion:128 Resp: 1640934

Ion Ratio Lower Upper

128 100

129 11.5 9.9 14.9

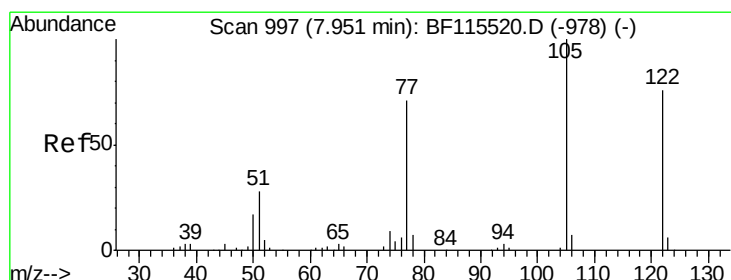
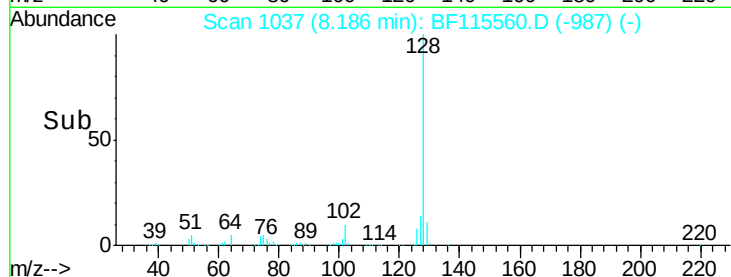
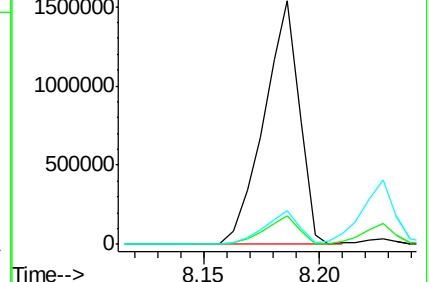
127 13.8 12.1 18.1



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: 46.381 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

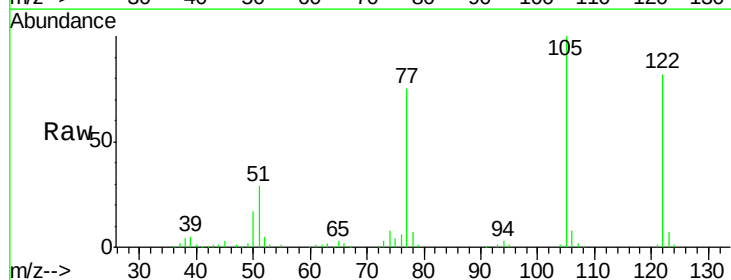
Tgt Ion:122 Resp: 377599

Ion Ratio Lower Upper

122 100

105 122.3 102.5 142.5

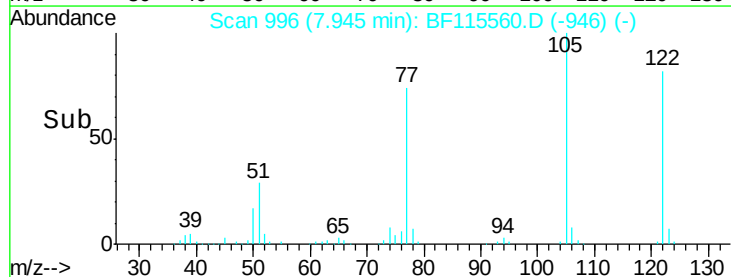
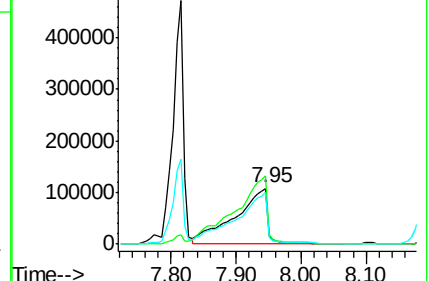
77 91.6 70.2 110.2

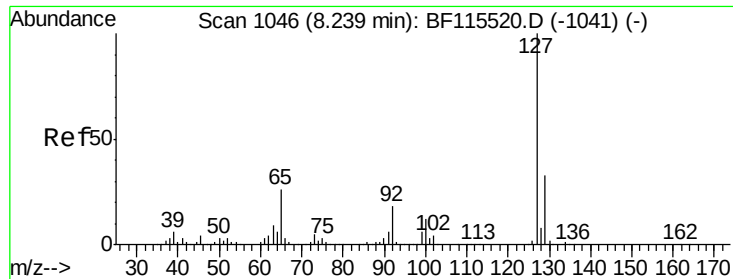


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

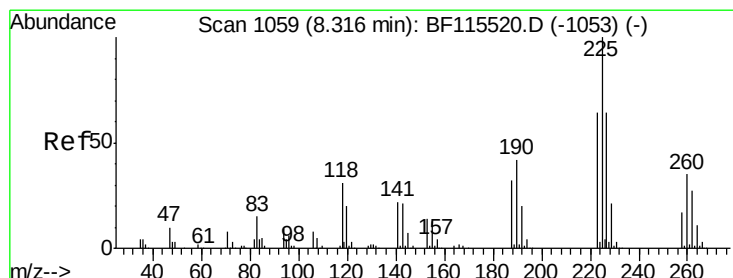
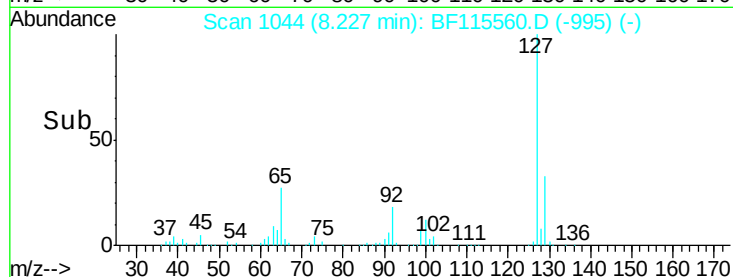
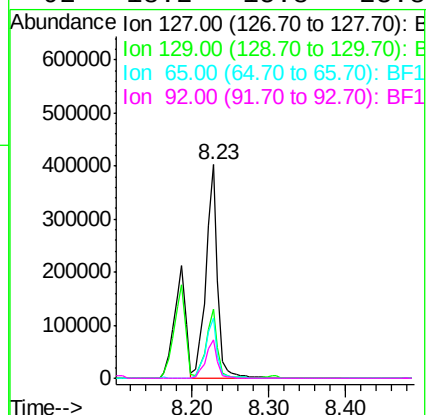
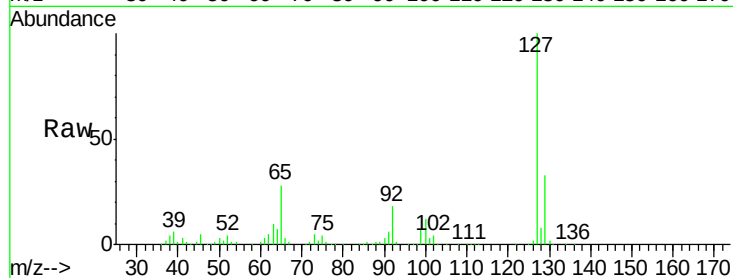




#33  
4-Chloroaniline  
Concen: 28.217 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

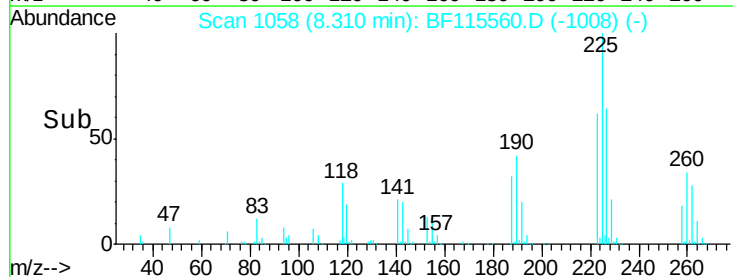
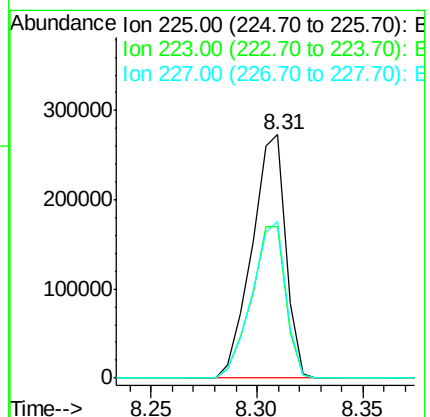
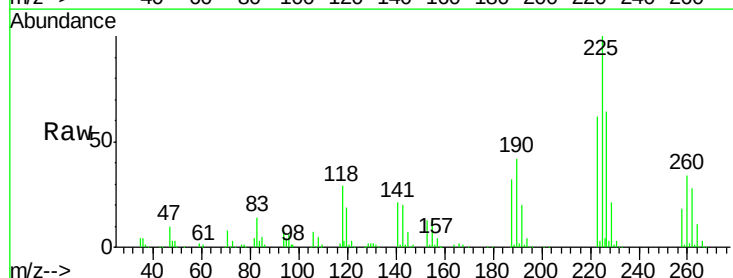
Instrument :  
BNA\_F  
ClientSampleId :

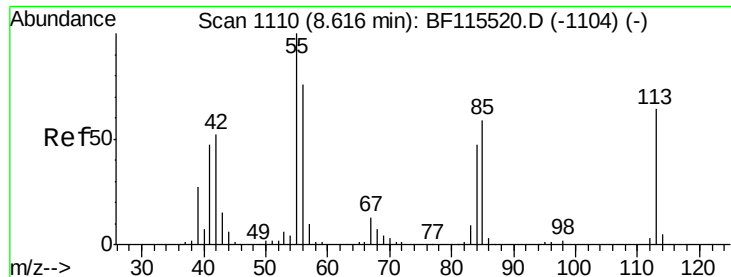
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 420349 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.6  | 39.8   |
| 65       | 28.0  | 23.7  | 35.5   |
| 92       | 18.2  | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 45.536 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 304531 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.3  | 50.9  | 76.3   |
| 227      | 64.4  | 50.7  | 76.1   |

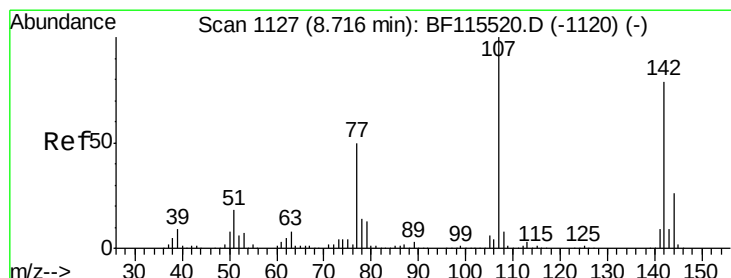
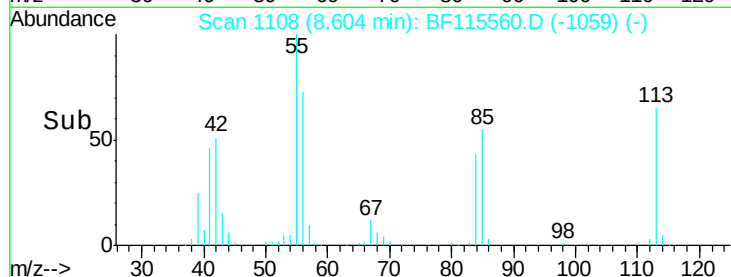
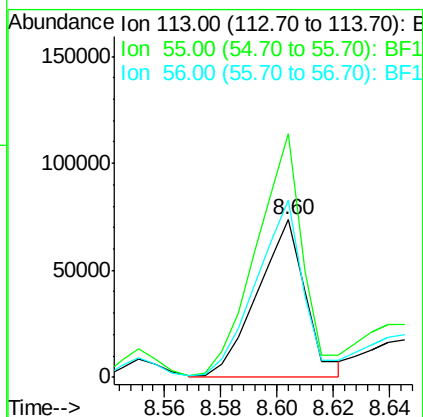
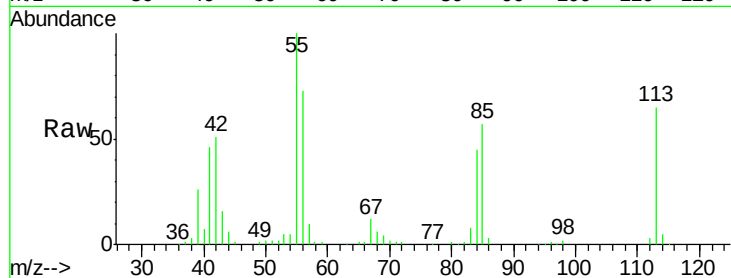




#35  
 Caprolactam  
 Concen: 27.500 ng  
 RT: 8.60 min Scan# 1108  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

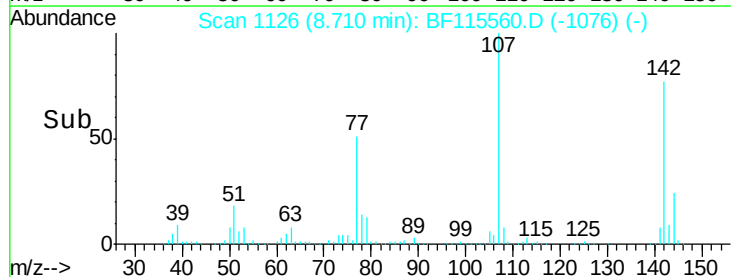
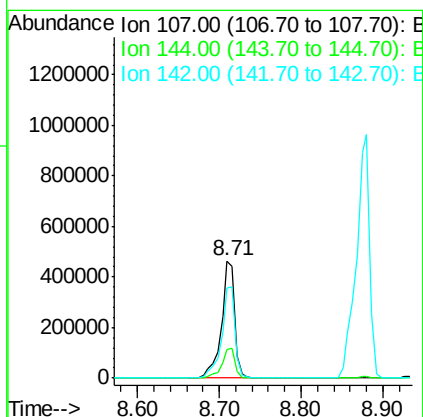
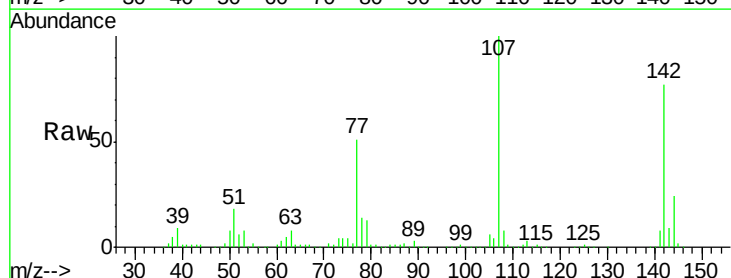
Instrument :  
 BNA\_F  
 ClientSampleId :

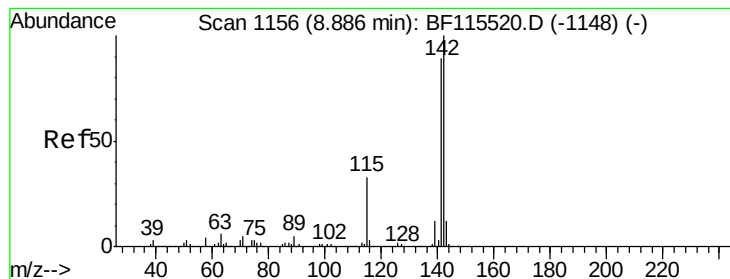
Tot Ion:113 Resp: 87674  
 Ion Ratio Lower Upper  
 113 100  
 55 154.3 126.9 166.9  
 56 112.5 90.3 130.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.961 ng  
 RT: 8.71 min Scan# 1126  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Tgt Ion:107 Resp: 523981  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 20.6 30.8  
 142 77.1 63.1 94.7





#37

2-Methylnaphthalene

Concen: 49.778 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

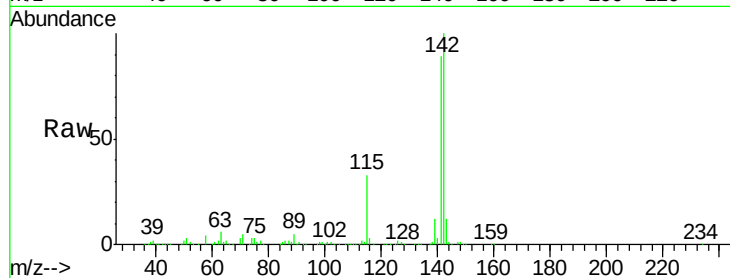
Tot Ion:142 Resp: 1109700

Ion Ratio Lower Upper

142 100

141 88.6 72.0 108.0

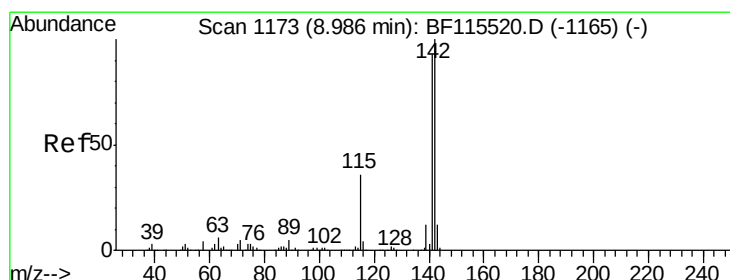
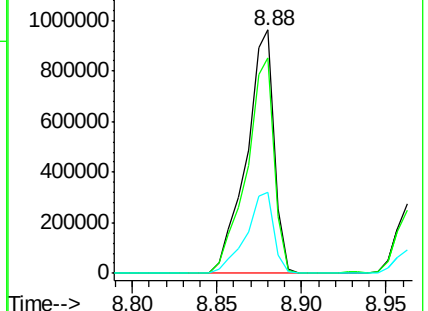
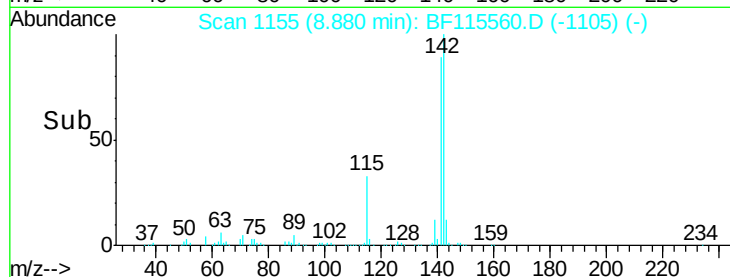
115 33.5 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.948 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

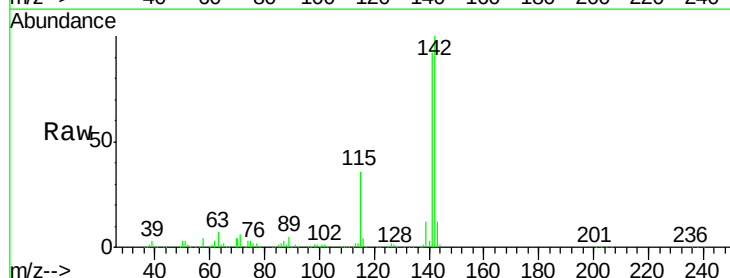
Tgt Ion:142 Resp: 1036473

Ion Ratio Lower Upper

142 100

141 91.6 75.3 112.9

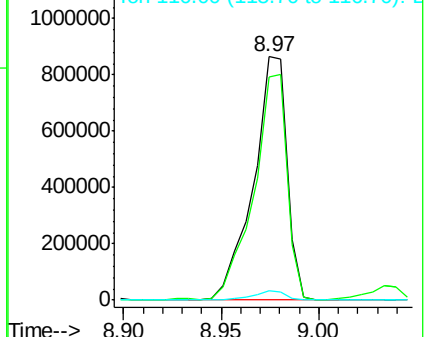
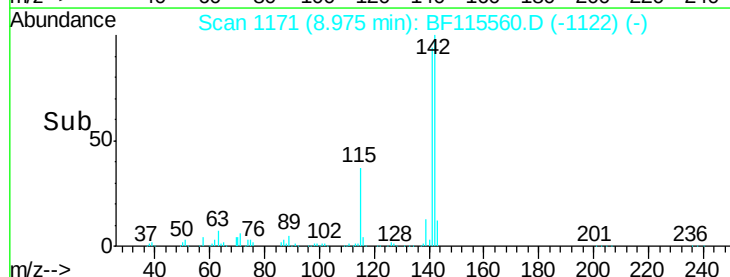
116 3.8 3.3 4.9

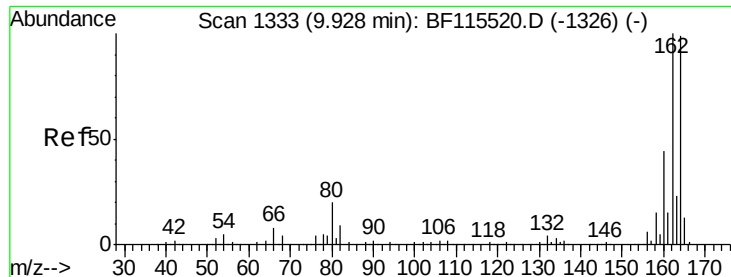


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

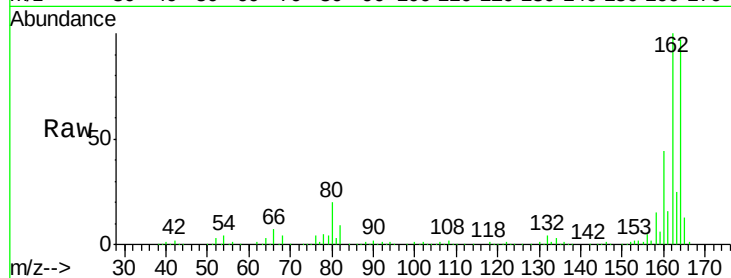
Tot Ion:164 Resp: 347523

Ion Ratio Lower Upper

164 100

162 103.1 82.9 124.3

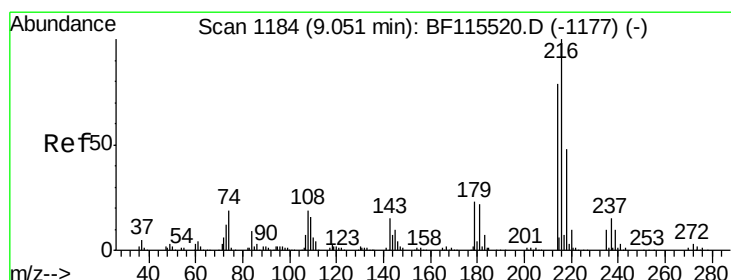
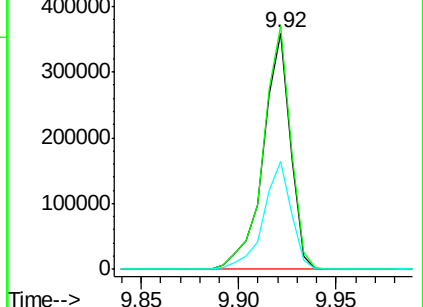
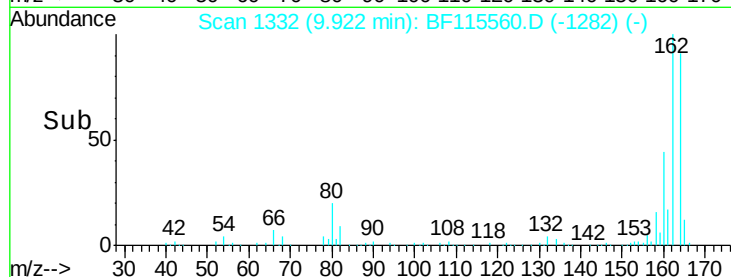
160 45.5 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.667 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Tgt Ion:216 Resp: 498838

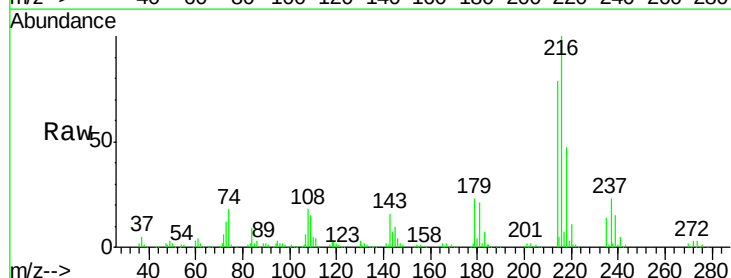
Ion Ratio Lower Upper

216 100

214 78.2 65.1 97.7

179 21.7 18.3 27.5

108 20.4 15.7 23.5

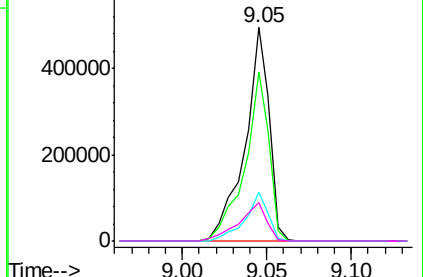
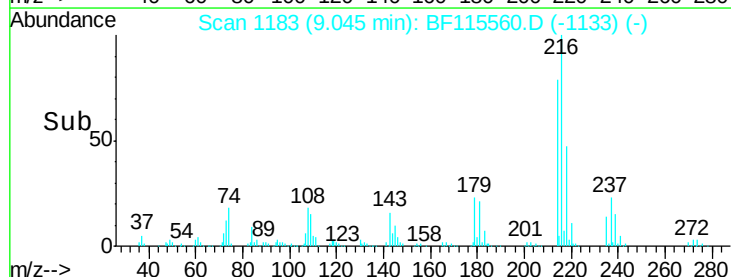


Abundance Ion 216.00 (215.70 to 216.70): E

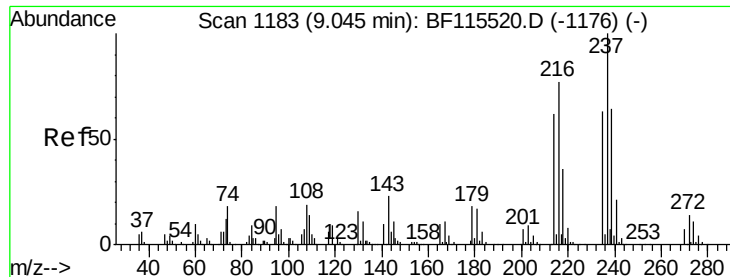
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 83.630 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampled :

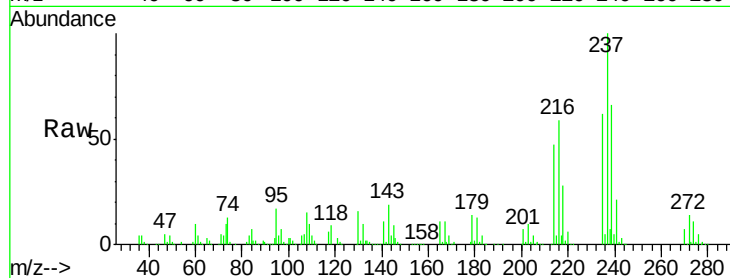
Tot Ion:237 Resp: 499250

Ion Ratio Lower Upper

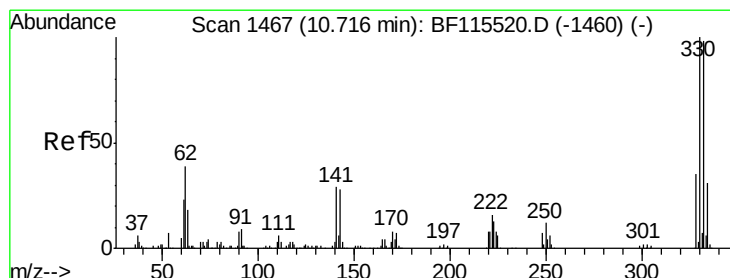
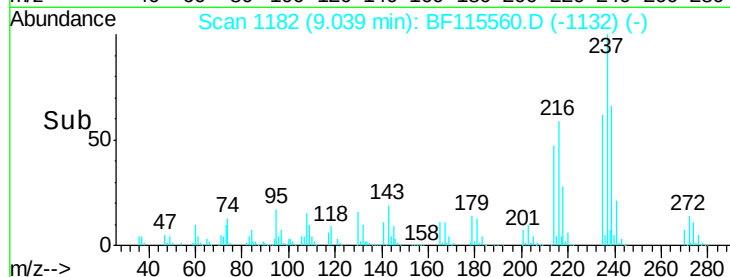
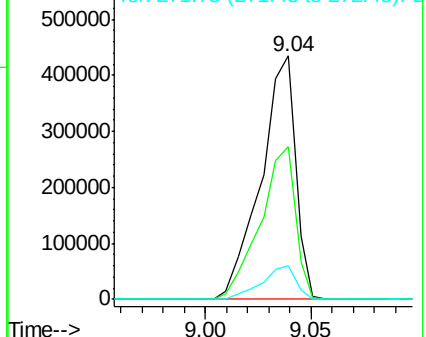
237 100

235 62.5 43.6 83.6

272 13.7 0.0 33.9



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.299 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

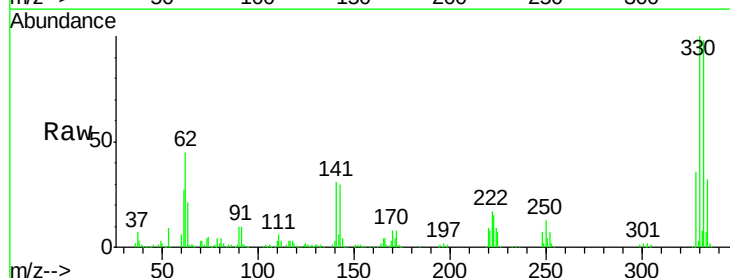
Tgt Ion:330 Resp: 524491

Ion Ratio Lower Upper

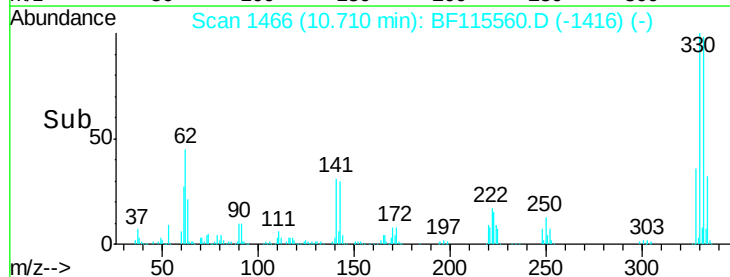
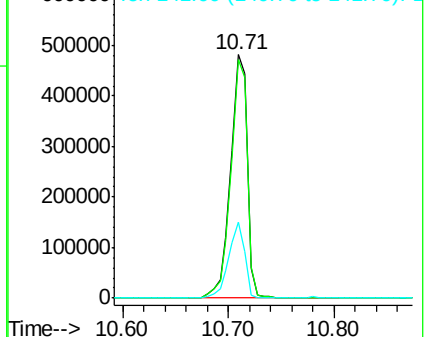
330 100

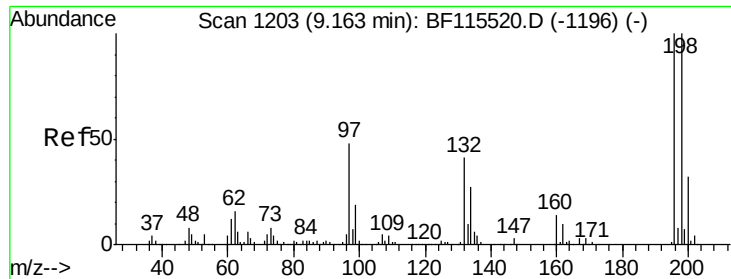
332 97.5 77.4 116.2

141 30.2 22.4 33.6



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

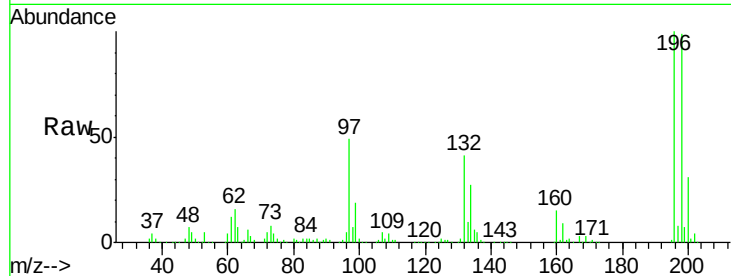




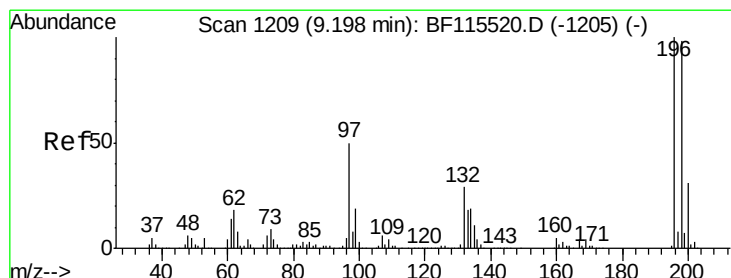
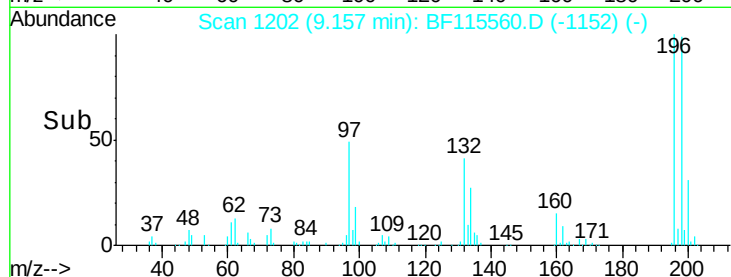
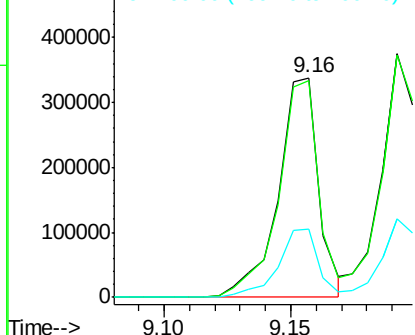
#43  
 2,4,6-Trichlorophenol  
 Concen: 48.796 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Instrument :  
 BNA\_F  
 ClientSampleID :

Tot Ion:196 Resp: 373443  
 Ion Ratio Lower Upper  
 196 100  
 198 99.0 80.6 121.0  
 200 31.0 25.8 38.6

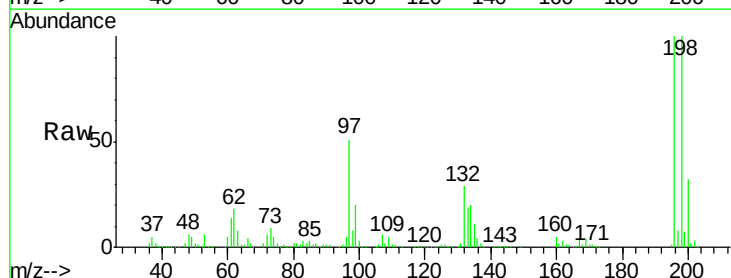


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

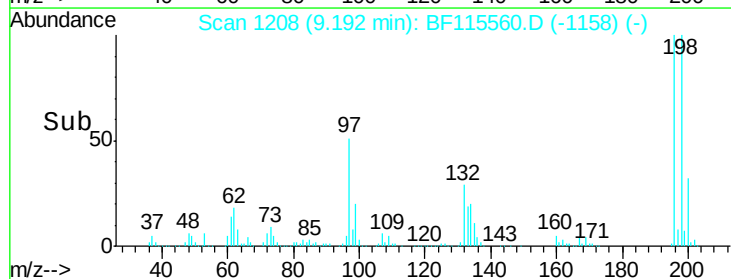
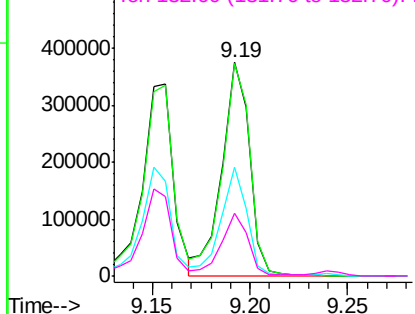


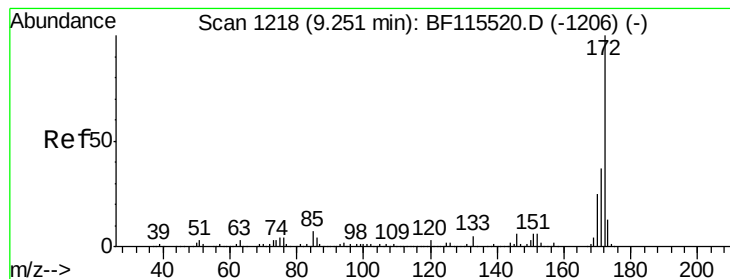
#44  
 2,4,5-Trichlorophenol  
 Concen: 47.305 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Tgt Ion:196 Resp: 370755  
 Ion Ratio Lower Upper  
 196 100  
 198 99.5 79.6 119.4  
 97 50.7 37.8 56.6  
 132 29.2 22.8 34.2



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





#45

2-Fluorobiphenyl

Concen: 103.443 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

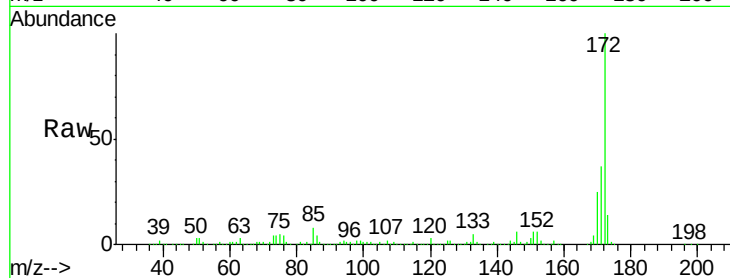
Tot Ion:172 Resp: 2053886

Ion Ratio Lower Upper

172 100

171 37.1 30.6 46.0

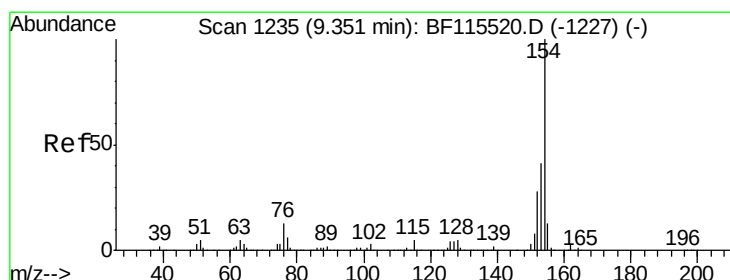
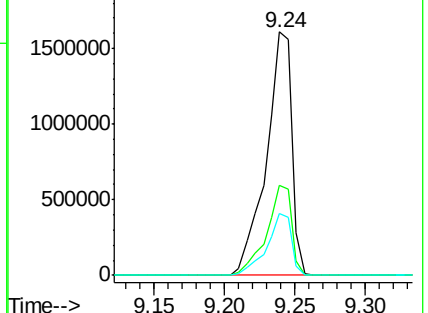
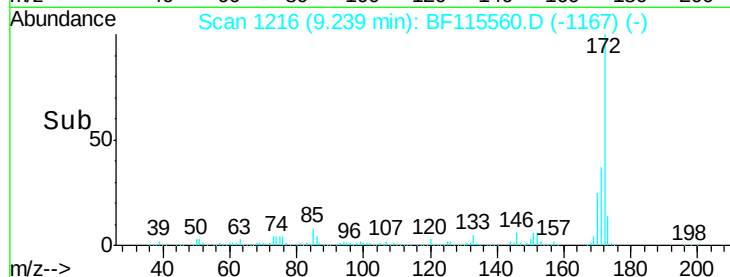
170 25.2 20.5 30.7



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: 49.226 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

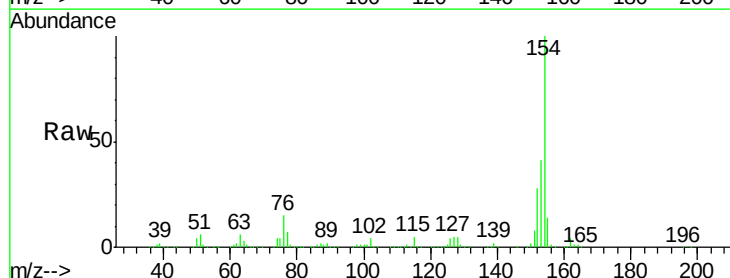
Tgt Ion:154 Resp: 1337429

Ion Ratio Lower Upper

154 100

153 40.6 22.6 62.6

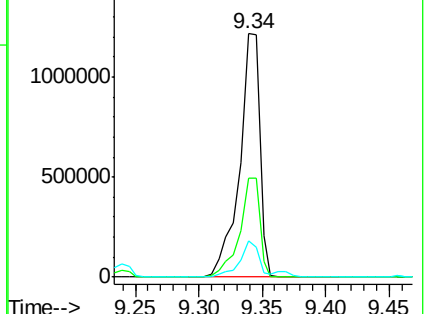
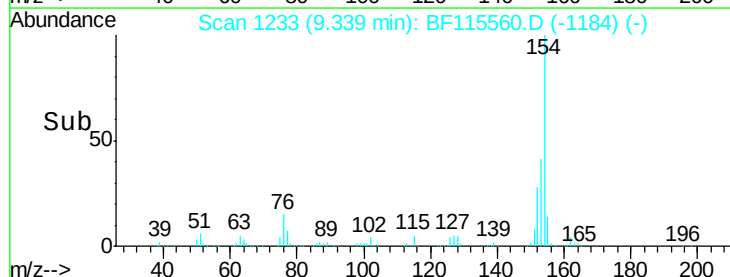
76 14.6 0.0 33.4

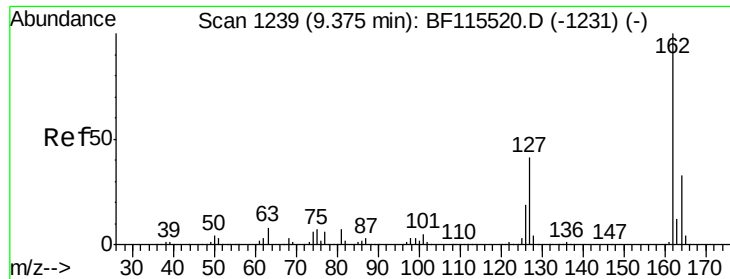


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

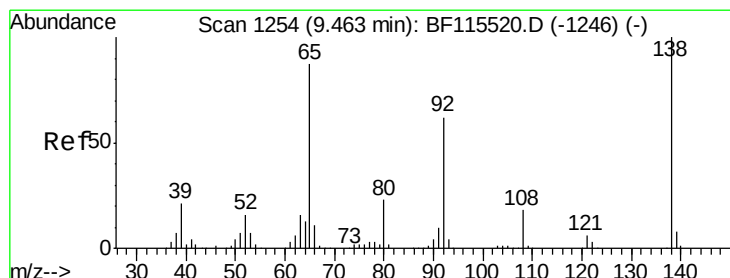
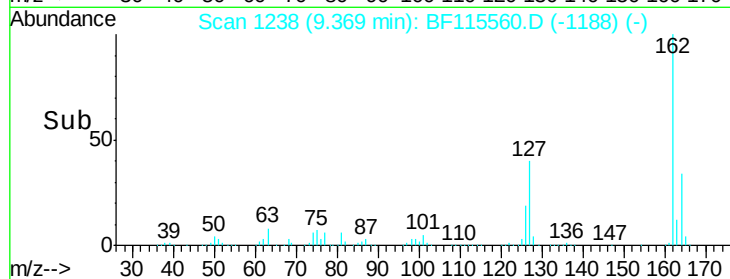
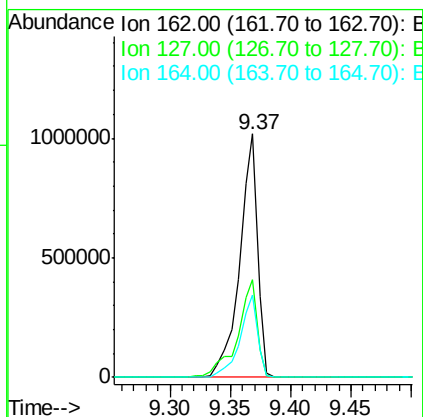
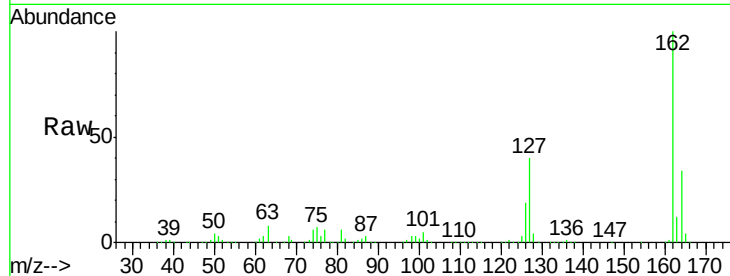




#47  
 2-Chloronaphthalene  
 Concen: 46.504 ng  
 RT: 9.37 min Scan# 1238  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

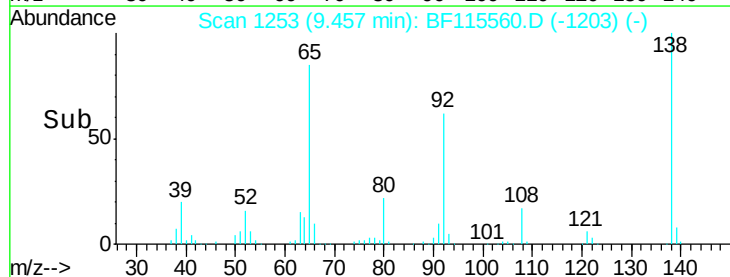
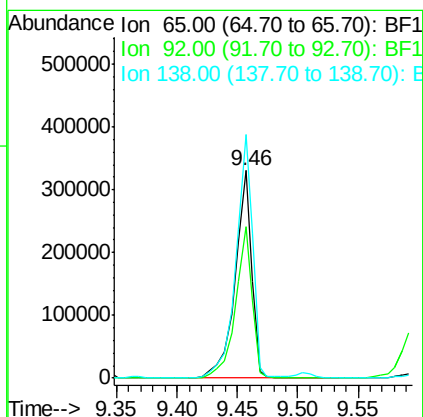
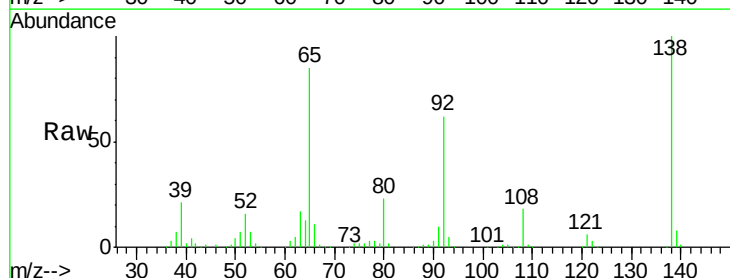
Instrument :  
 BNA\_F  
 ClientSampleId :

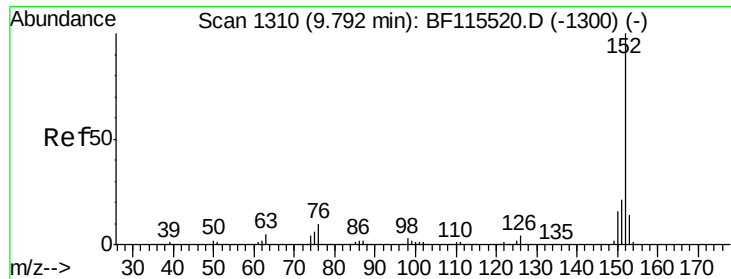
Tot Ion:162 Resp: 1052039  
 Ion Ratio Lower Upper  
 162 100  
 127 40.0 34.1 51.1  
 164 33.8 27.4 41.2



#48  
 2-Nitroaniline  
 Concen: 45.379 ng  
 RT: 9.46 min Scan# 1253  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Tgt Ion: 65 Resp: 317739  
 Ion Ratio Lower Upper  
 65 100  
 92 73.2 57.8 86.6  
 138 117.4 91.2 136.8





#49

Acenaphthylene

Concen: 48.134 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

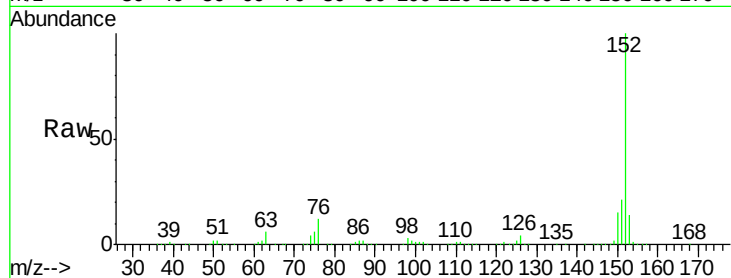
Tot Ion:152 Resp: 1613491

Ion Ratio Lower Upper

152 100

151 20.7 17.7 26.5

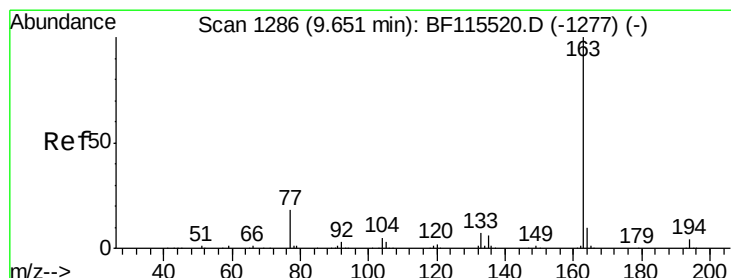
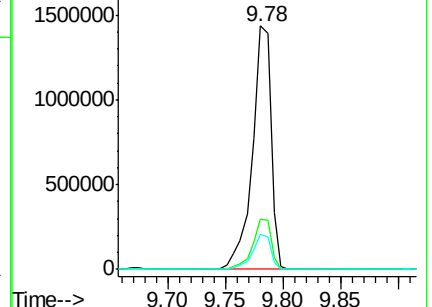
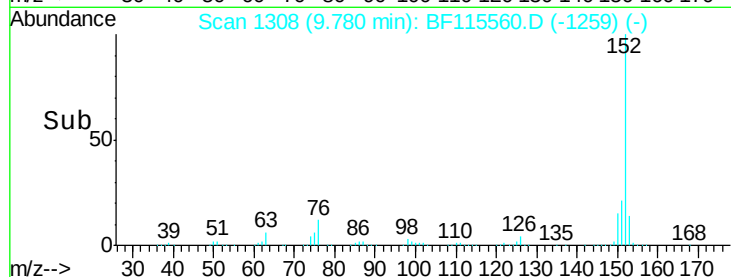
153 14.2 12.0 18.0



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: 46.416 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

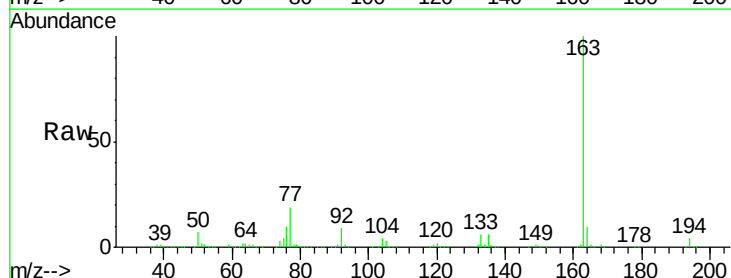
Tgt Ion:163 Resp: 1213612

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

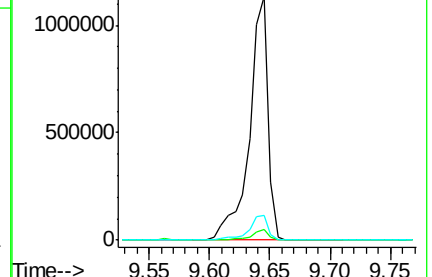
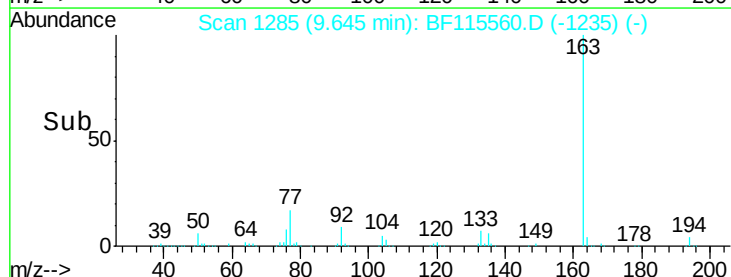
164 10.1 8.7 13.1

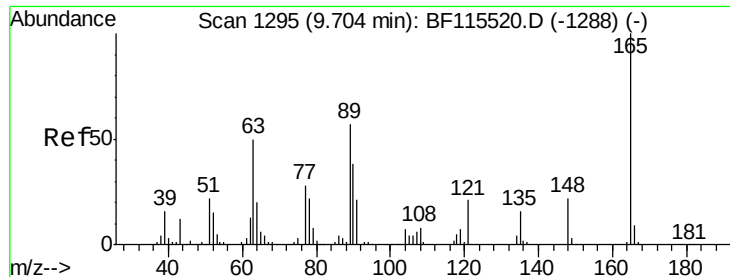


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.212 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

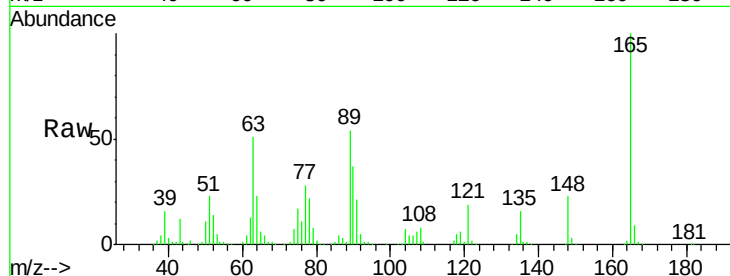
Tot Ion:165 Resp: 280531

Ion Ratio Lower Upper

165 100

63 51.0 40.6 61.0

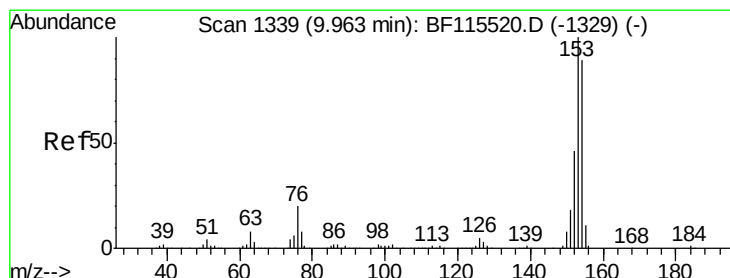
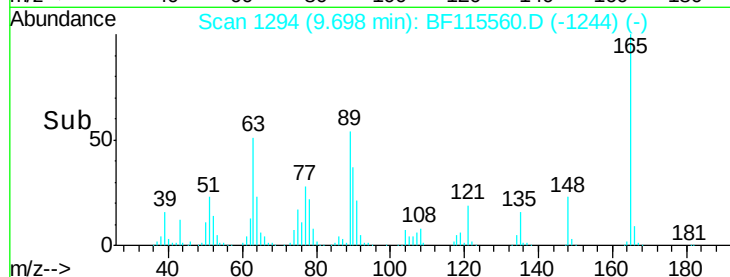
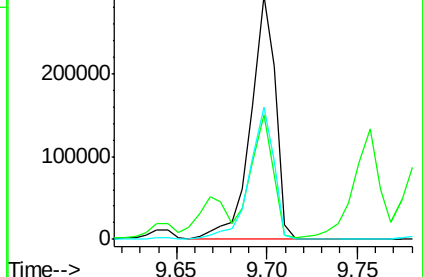
89 54.2 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 52.278 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

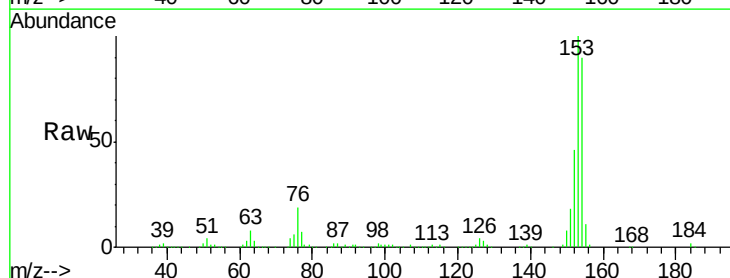
Tgt Ion:154 Resp: 1131385

Ion Ratio Lower Upper

154 100

153 111.5 88.6 133.0

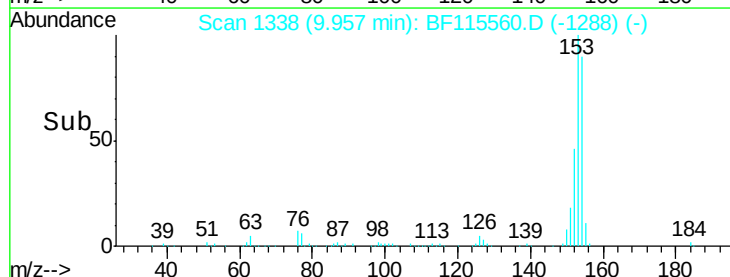
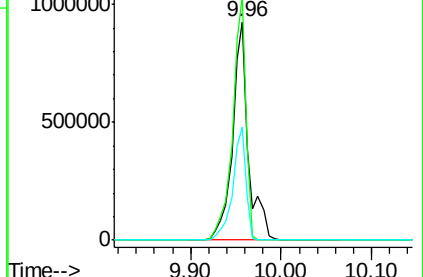
152 51.8 42.3 63.5

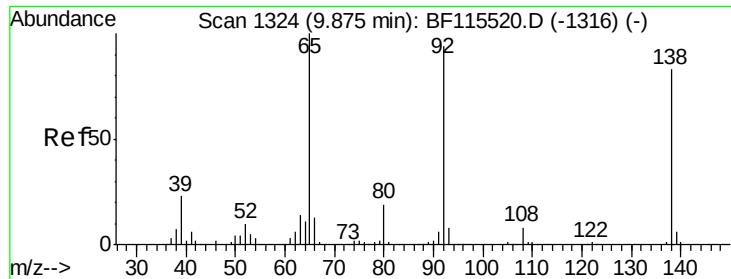


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

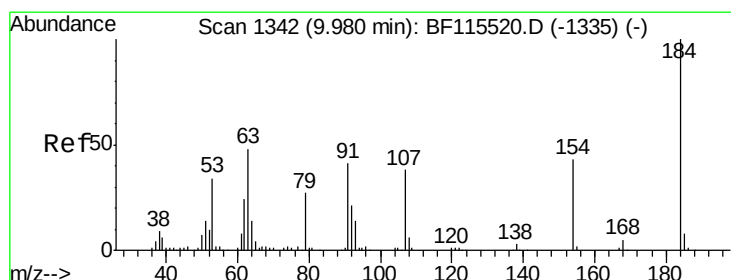
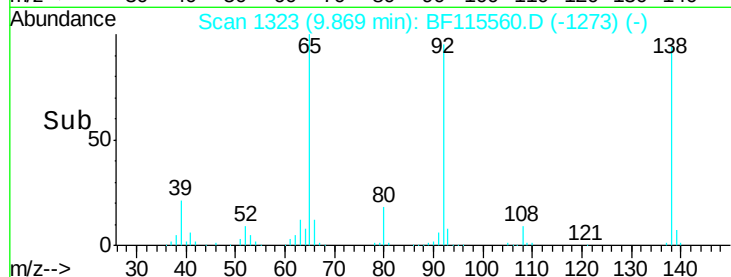
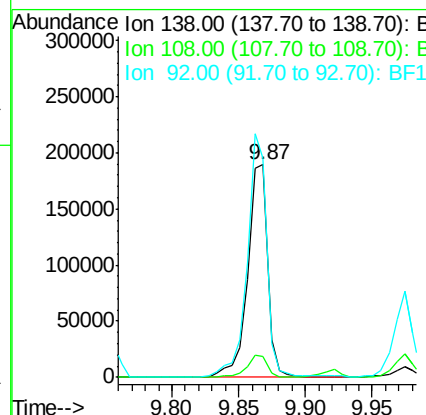
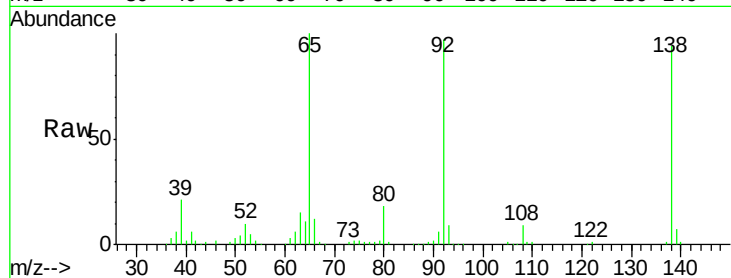




#53  
 3-Nitroaniline  
 Concen: 29.215 ng  
 RT: 9.87 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

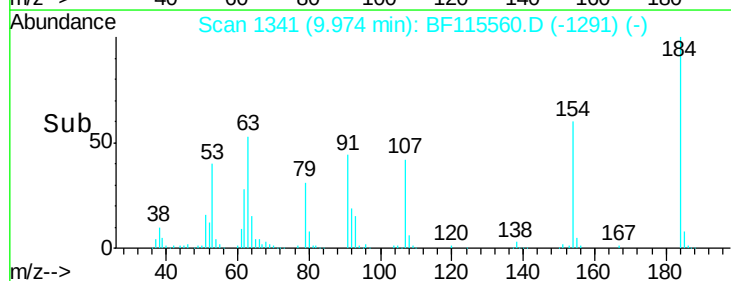
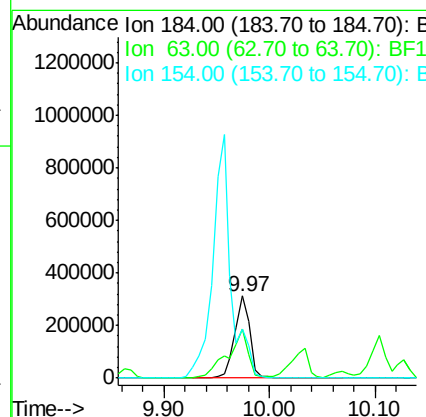
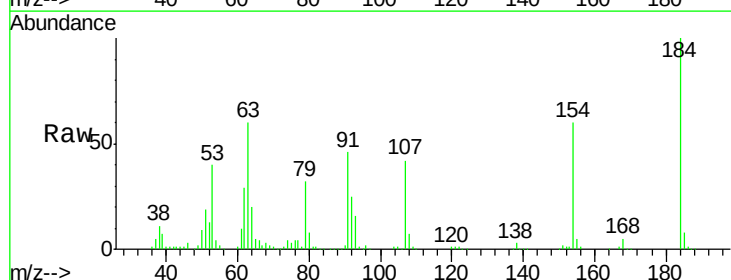
Instrument :  
 BNA\_F  
 ClientSampleId :

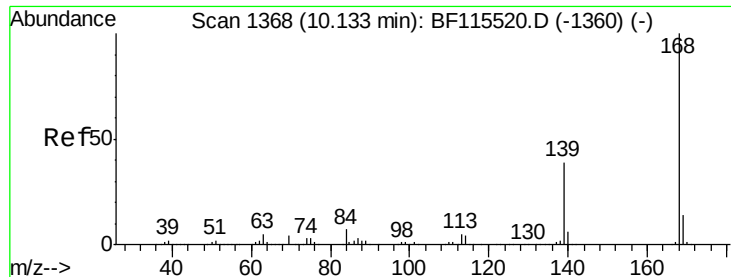
Tot Ion:138 Resp: 198379  
 Ion Ratio Lower Upper  
 138 100  
 108 9.7 8.4 12.6  
 92 103.3 88.0 132.0



#54  
 2,4-Dinitrophenol  
 Concen: 101.283 ng  
 RT: 9.97 min Scan# 1341  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Tgt Ion:184 Resp: 308987  
 Ion Ratio Lower Upper  
 184 100  
 63 59.7 48.7 73.1  
 154 60.3 48.6 73.0

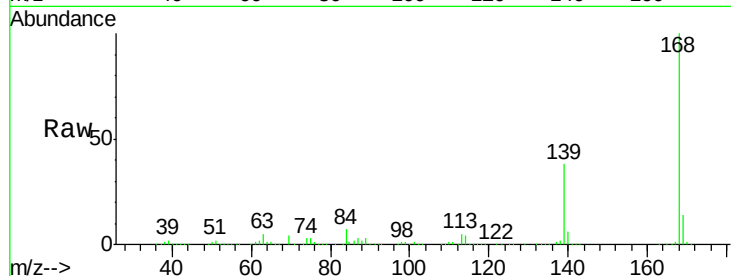




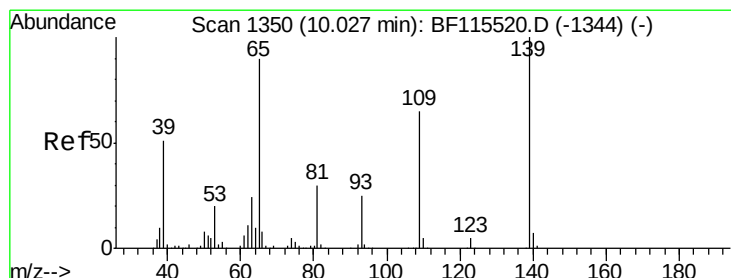
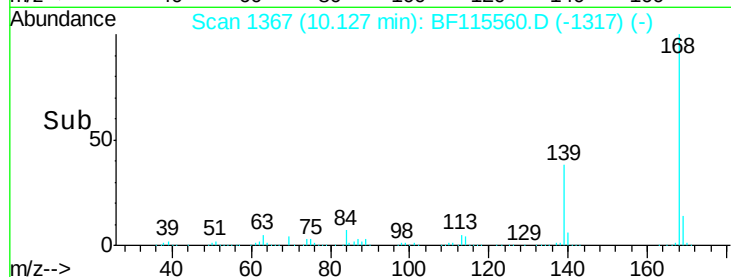
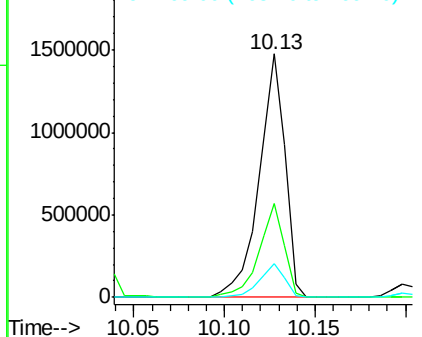
#55  
Dibenzenofuran  
Concen: 47.660 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 1464761  
Ion Ratio Lower Upper  
168 100  
139 38.4 31.1 46.7  
169 13.9 11.1 16.7

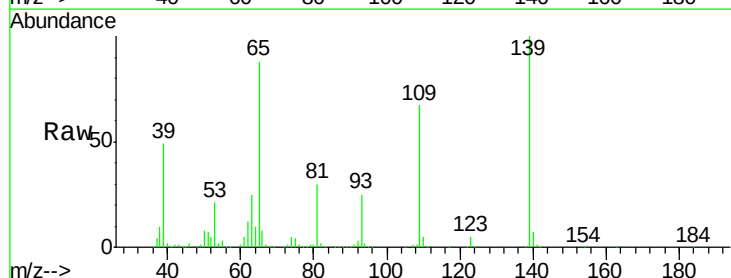


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

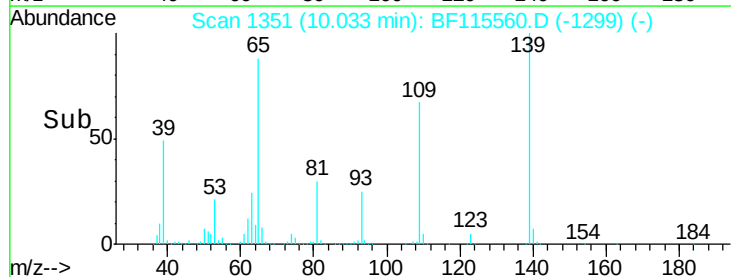
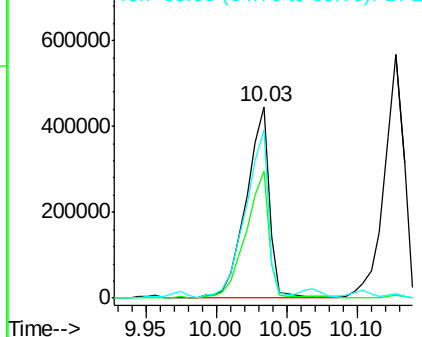


#56  
4-Nitrophenol  
Concen: 98.952 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

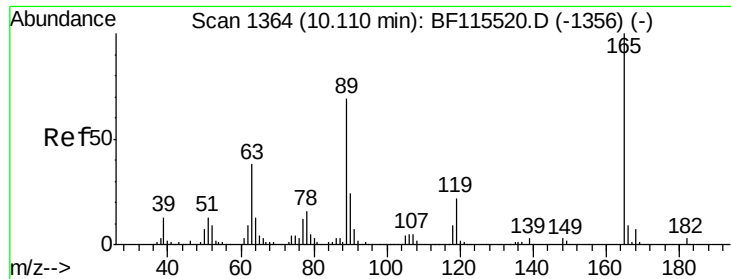
Tgt Ion:139 Resp: 512362  
Ion Ratio Lower Upper  
139 100  
109 66.7 46.4 86.4  
65 87.9 68.9 108.9



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



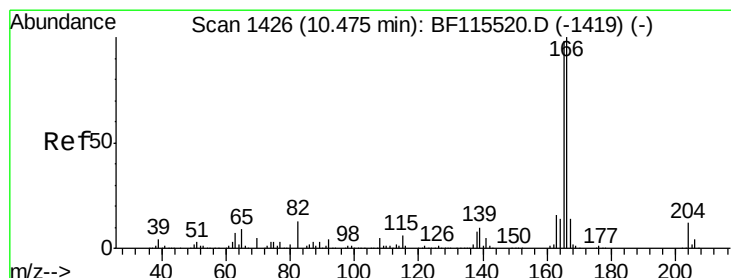
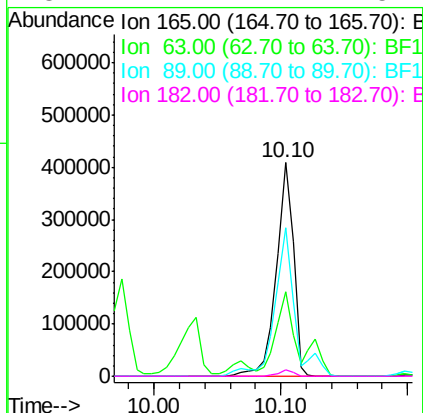
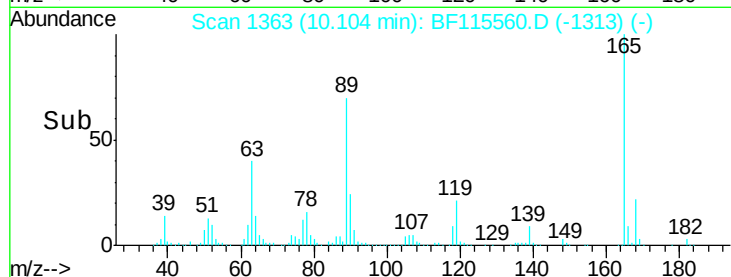
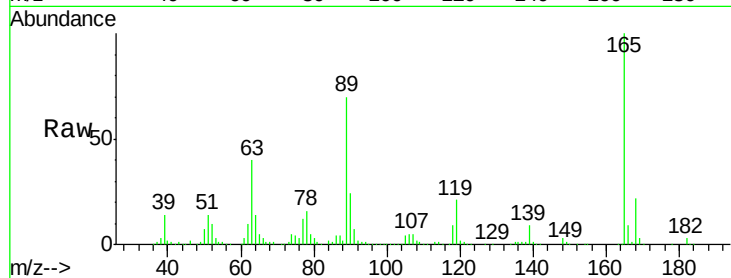




#57  
2,4-Dinitrotoluene  
Concen: 49.621 ng  
RT: 10.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

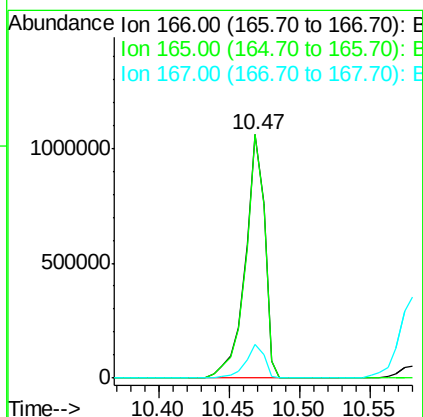
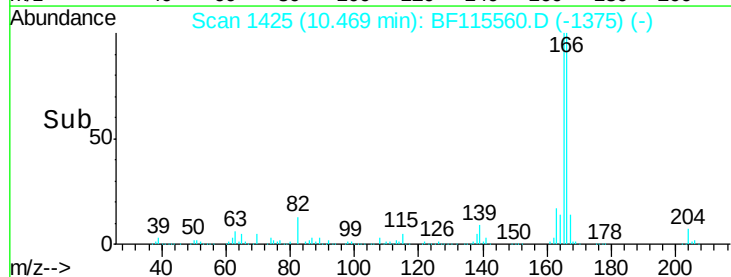
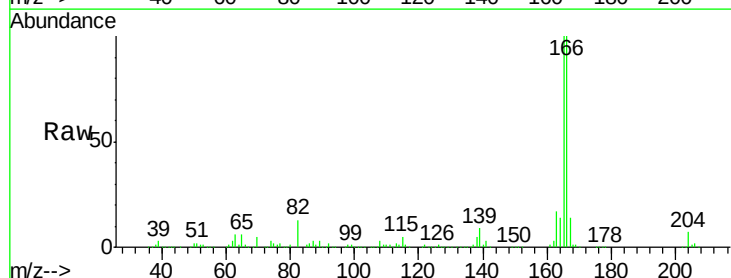
Instrument :  
BNA\_F  
ClientSampleId :

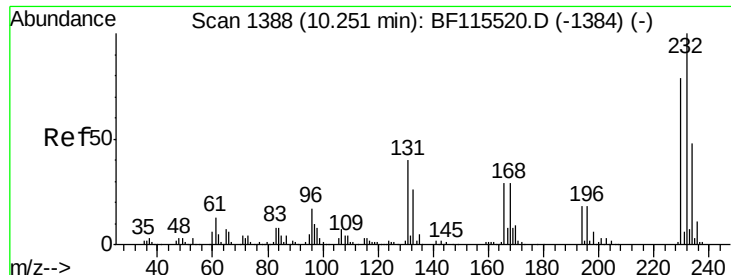
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 381993 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 39.8  | 34.9  | 52.3   |
| 89       | 69.7  | 57.5  | 86.3   |
| 182      | 2.7   | 2.2   | 3.4    |



#58  
Fluorene  
Concen: 46.058 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1011937 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 99.8  | 79.8  | 119.6   |
| 167      | 14.1  | 11.2  | 16.8    |

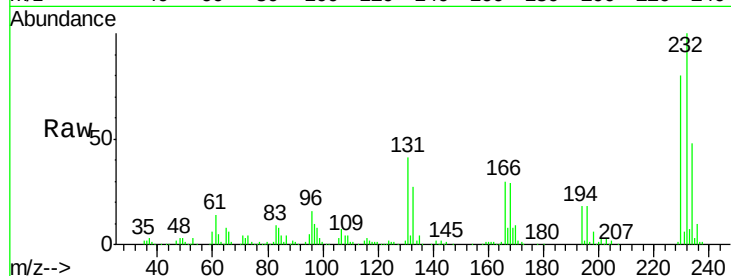




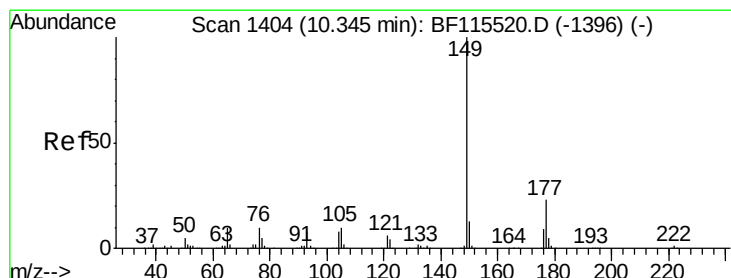
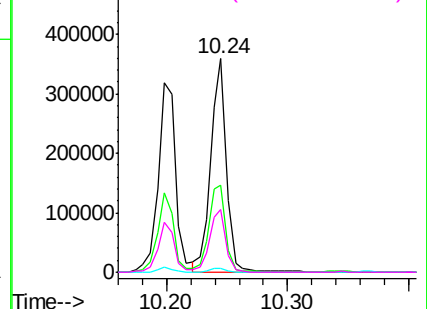
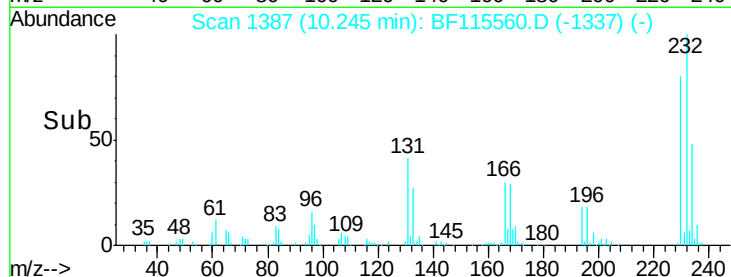
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 48.955 ng  
 RT: 10.24 min Scan# 1387  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 44.5  | 35.9  | 53.9  |
| 130     | 2.1   | 1.8   | 2.6   |
| 166     | 30.7  | 24.8  | 37.2  |

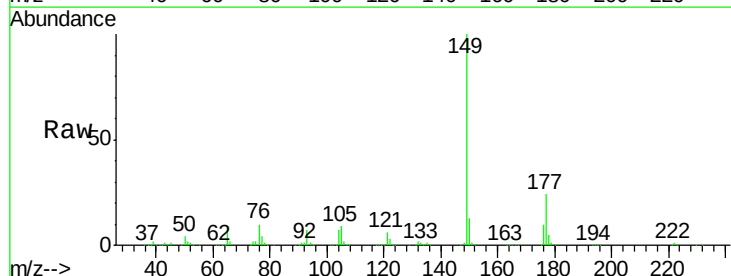


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

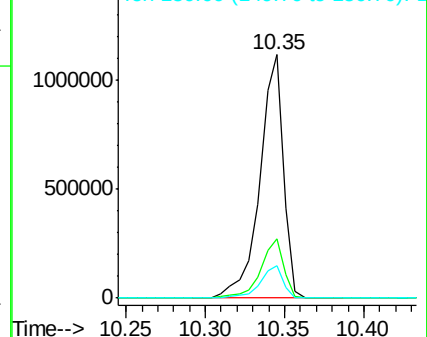
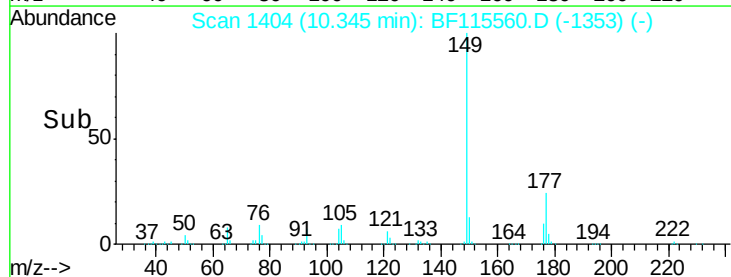


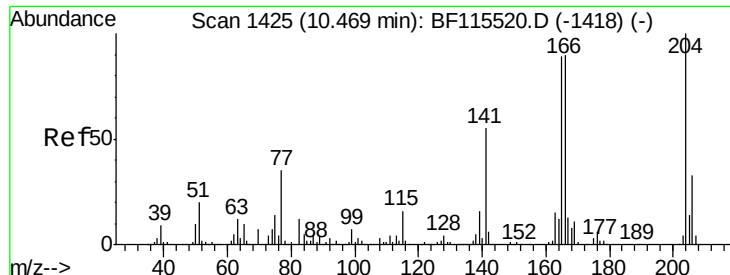
#60  
 Diethylphthalate  
 Concen: 47.297 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. -0.00 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.4  | 19.5  | 29.3  |
| 150     | 13.2  | 10.4  | 15.6  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

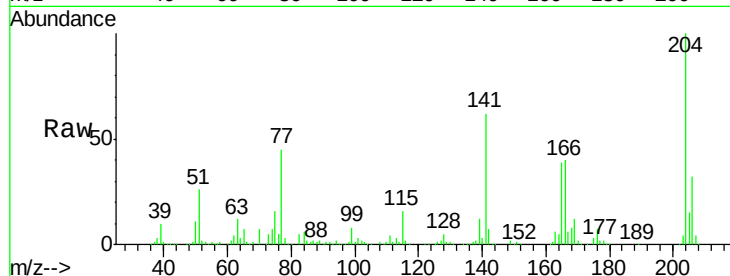




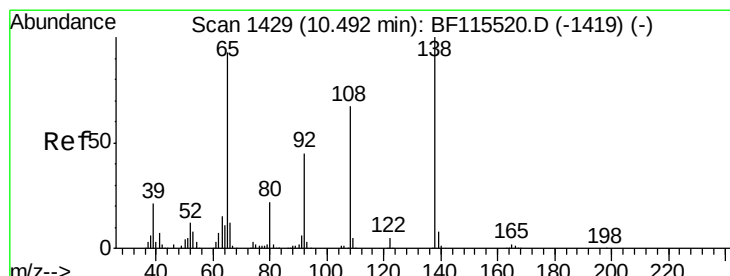
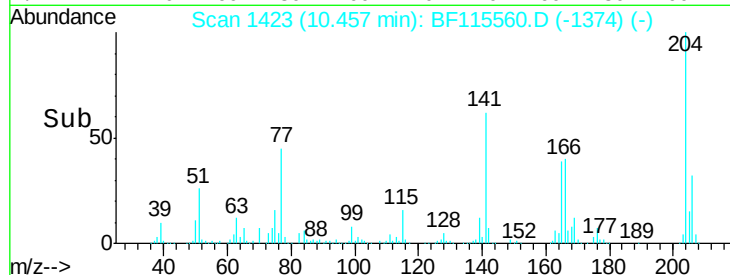
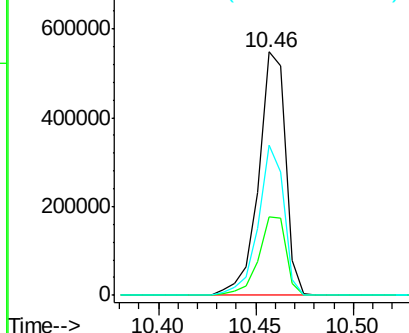
#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.946 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 26.7  | 40.1  |
| 141     | 61.9  | 44.2  | 66.2  |

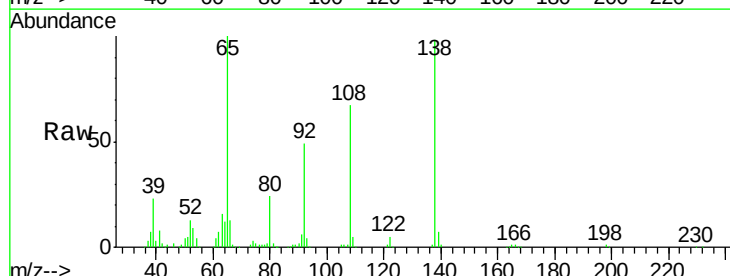


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

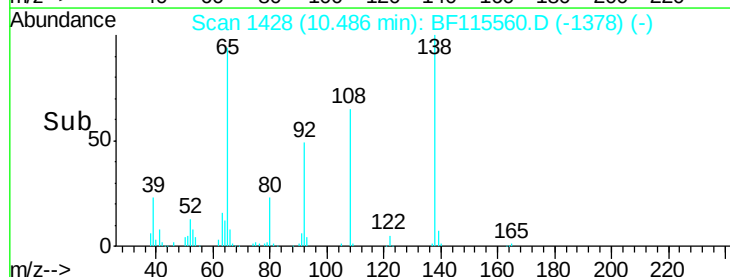
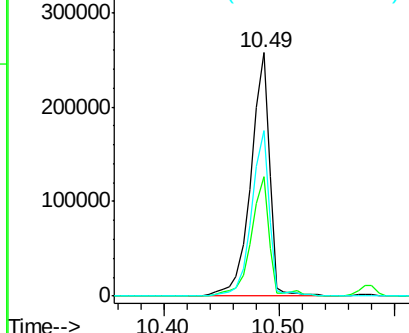


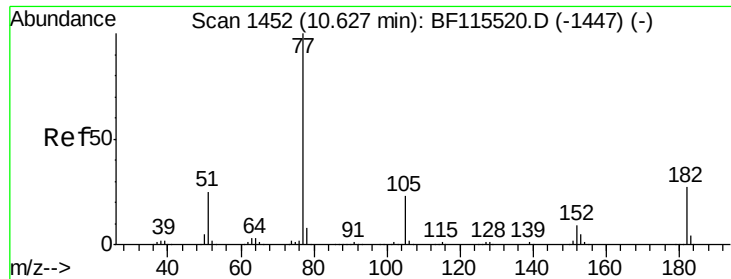
#62  
 4-Nitroaniline  
 Concen: 44.438 ng  
 RT: 10.49 min Scan# 1428  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.3  | 27.1  | 67.1  |
| 108     | 67.8  | 48.0  | 88.0  |



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

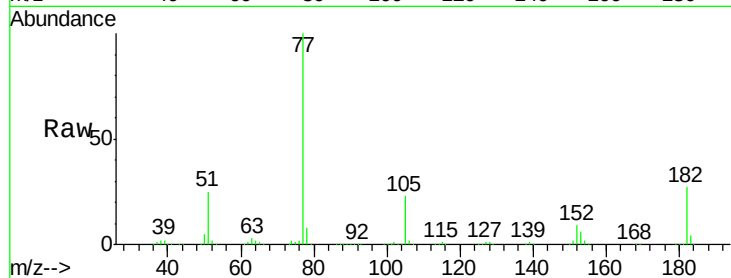




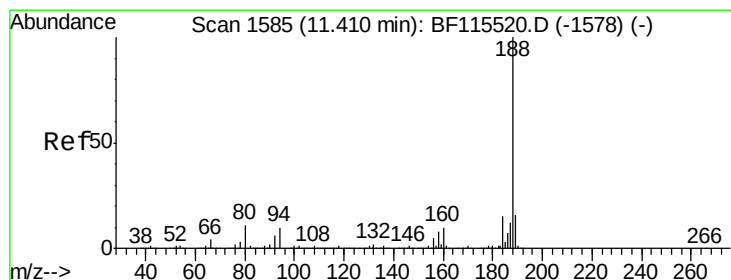
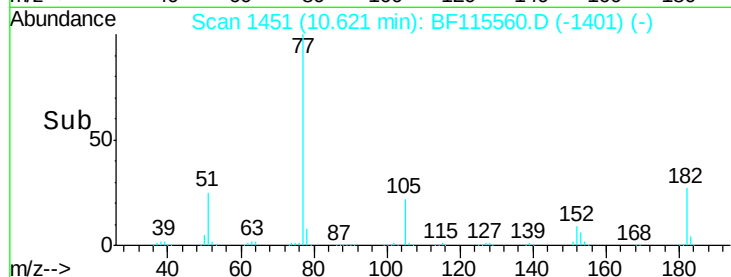
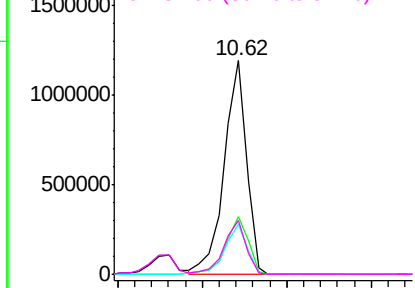
#63  
Azobenzene  
Concen: 45.692 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 77 Resp: 1085745  
Ion Ratio Lower Upper  
77 100  
182 27.0 6.9 46.9  
105 23.1 3.9 43.9  
51 25.2 7.3 47.3

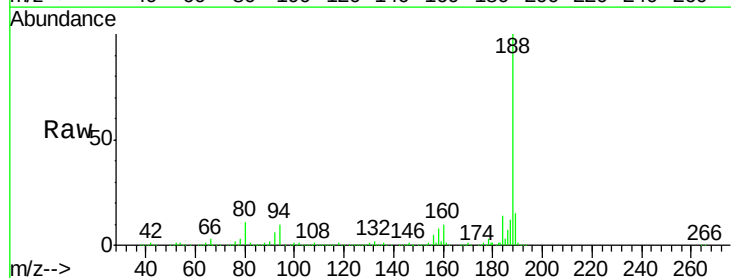


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

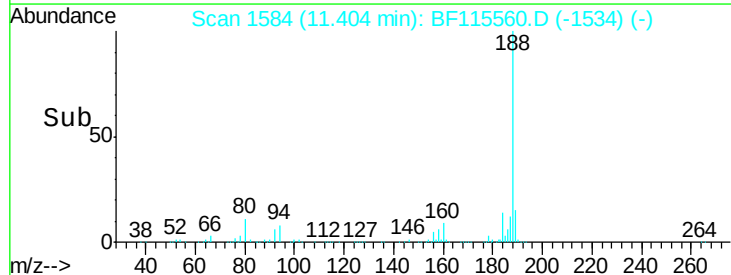
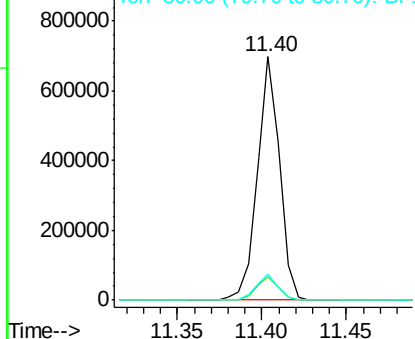


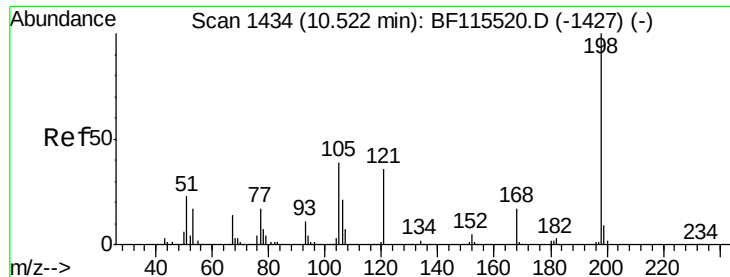
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Tgt Ion: 188 Resp: 640952  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.8 11.6  
80 10.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

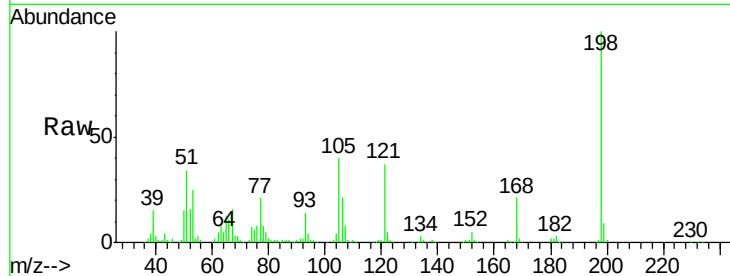




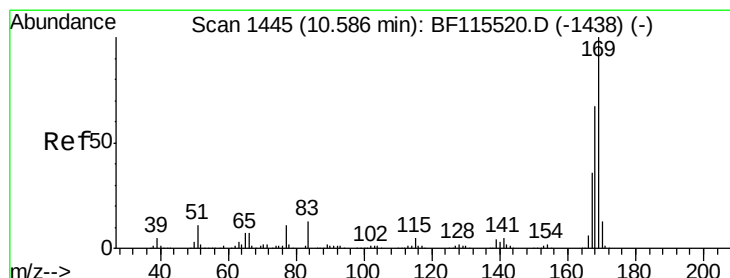
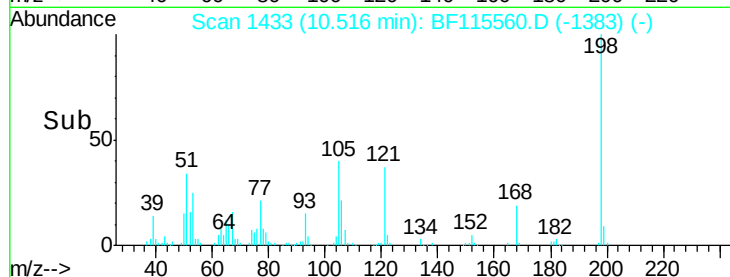
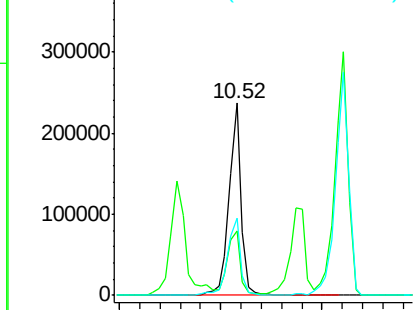
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.208 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 33.6  | 19.1  | 59.1  |
| 105     | 40.0  | 23.6  | 63.6  |

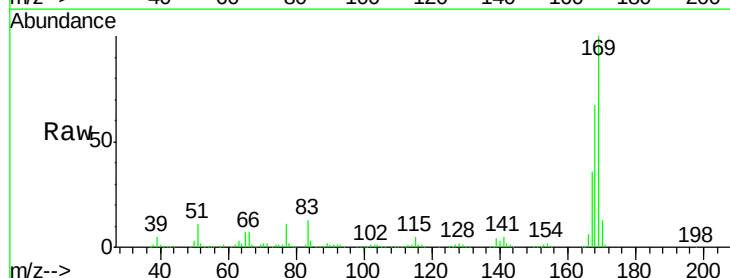


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF1  
 Ion 105.00 (104.70 to 105.70): E

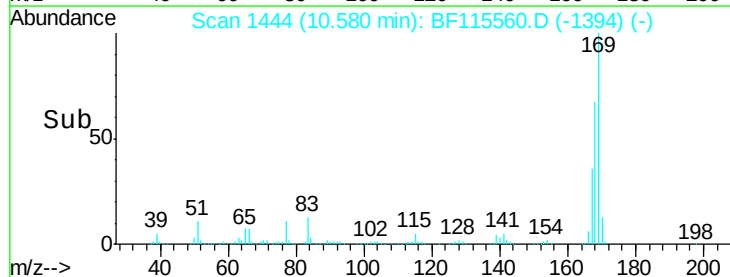
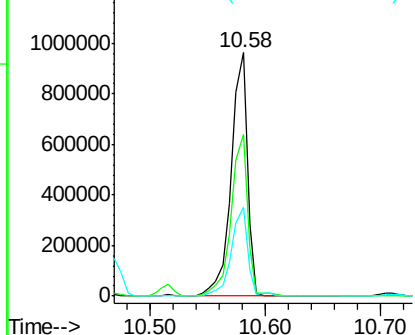


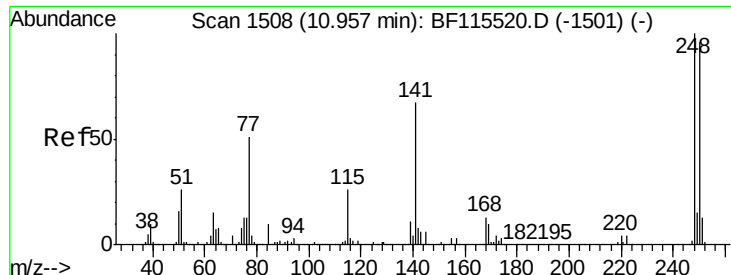
#66  
 n-Nitrosodiphenylamine  
 Concen: 47.409 ng  
 RT: 10.58 min Scan# 1444  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.7  | 54.3  | 81.5  |
| 167     | 36.5  | 30.2  | 45.2  |



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

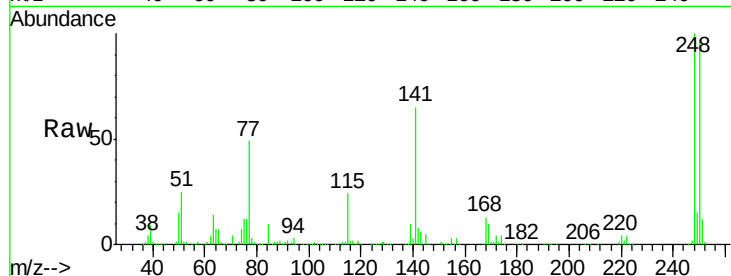




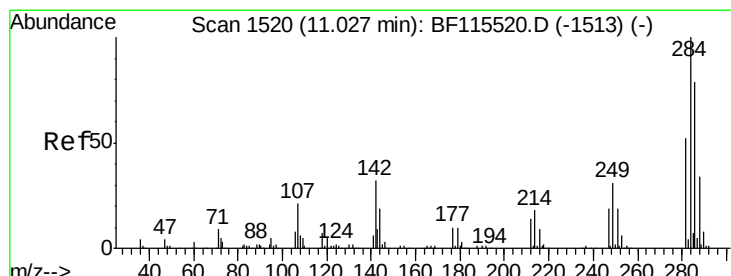
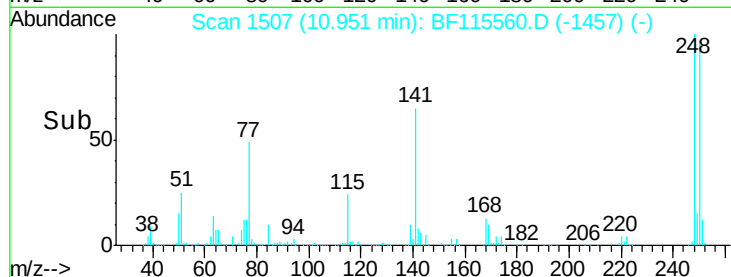
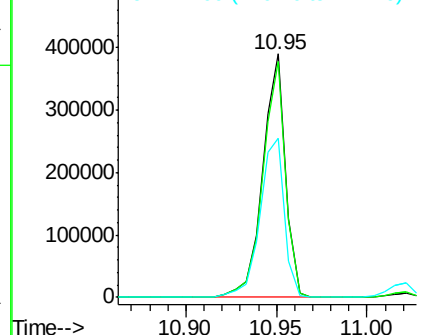
#67  
4-Bromophenyl-phenylether  
Concen: 46.357 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 339543  
Ion Ratio Lower Upper  
248 100  
250 97.1 78.0 117.0  
141 65.4 57.7 86.5

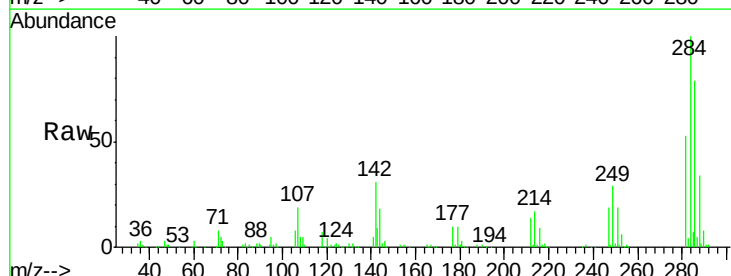


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

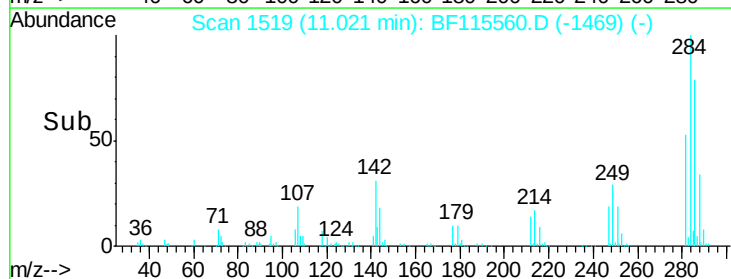
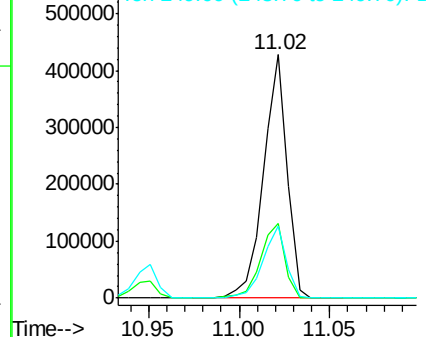


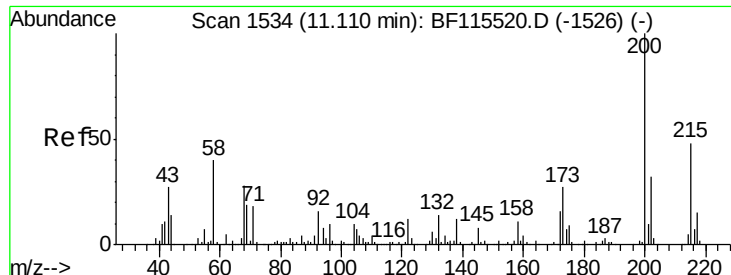
#68  
Hexachlorobenzene  
Concen: 46.002 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Tgt Ion:284 Resp: 384788  
Ion Ratio Lower Upper  
284 100  
142 30.6 22.2 33.2  
249 29.5 23.4 35.2



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

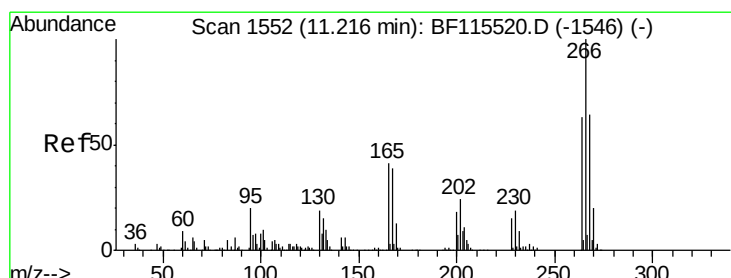
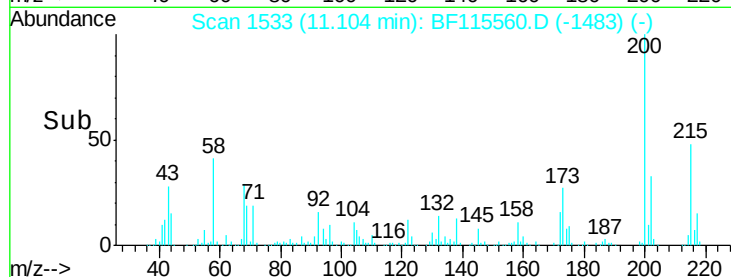
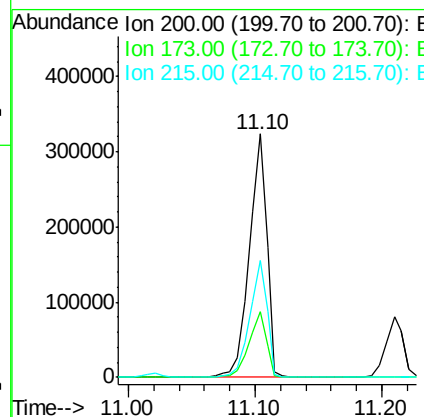
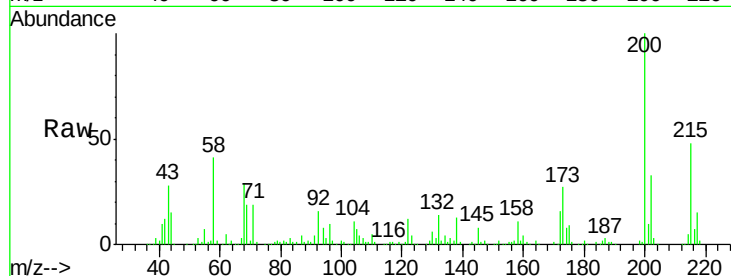




#69  
 Atrazine  
 Concen: 46.977 ng  
 RT: 11.10 min Scan# 1533  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

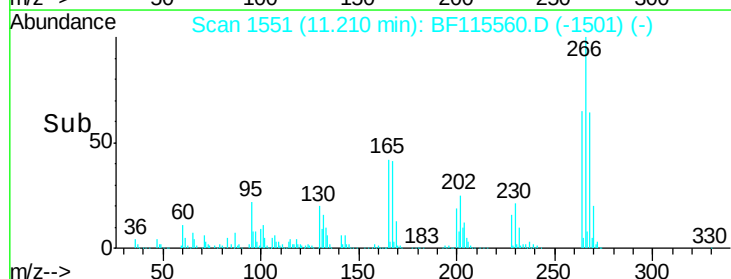
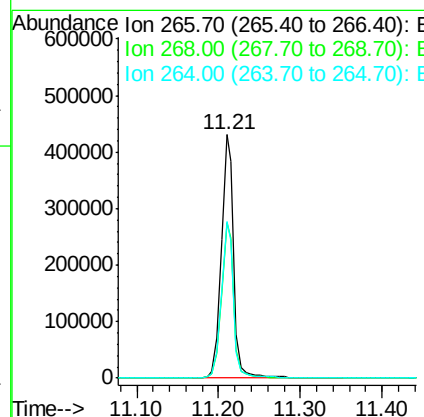
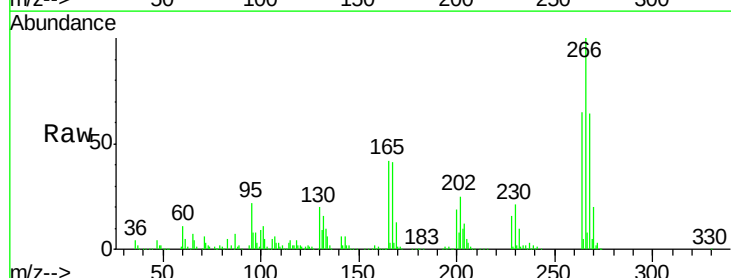
Instrument :  
 BNA\_F  
 ClientSampleId :

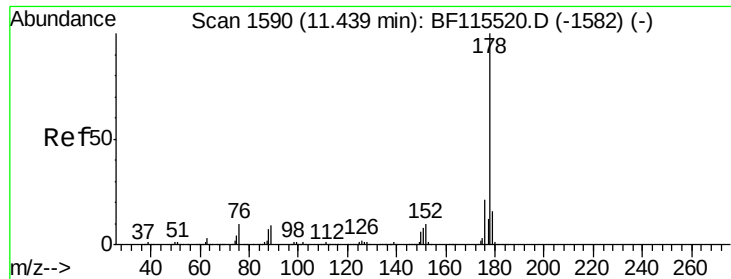
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.0  | 6.9   | 46.9  |
| 215     | 47.9  | 27.9  | 67.9  |



#70  
 Pentachlorophenol  
 Concen: 89.426 ng  
 RT: 11.21 min Scan# 1551  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 51.6  | 77.4  |
| 264     | 64.5  | 50.6  | 76.0  |





#71

Phenanthrene

Concen: 47.028 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

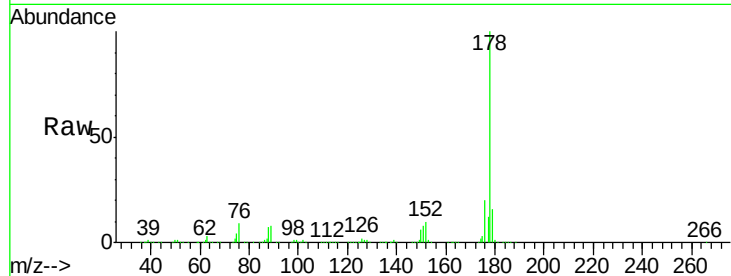
Tot Ion:178 Resp: 1545086

Ion Ratio Lower Upper

178 100

176 20.3 17.2 25.8

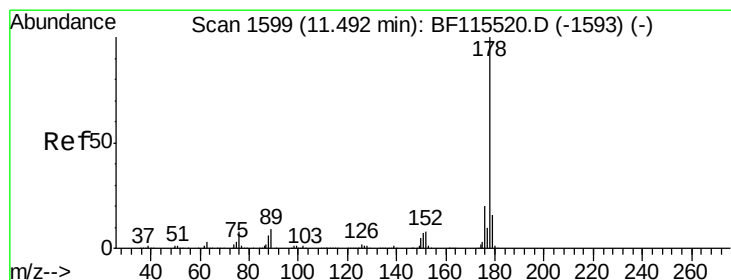
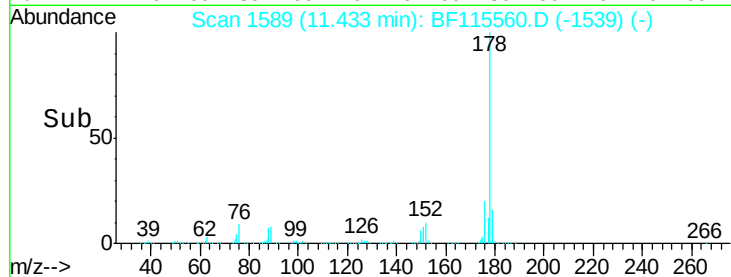
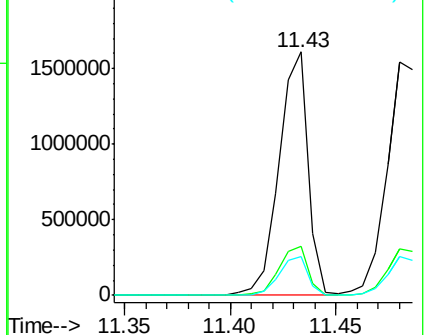
179 16.0 13.5 20.3



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: 47.387 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

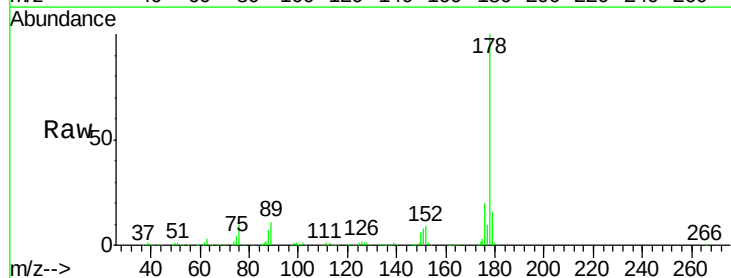
Tgt Ion:178 Resp: 1608979

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

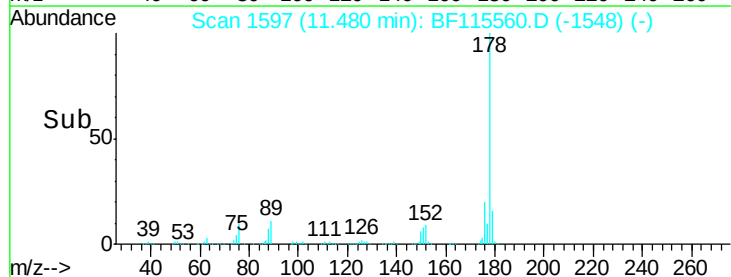
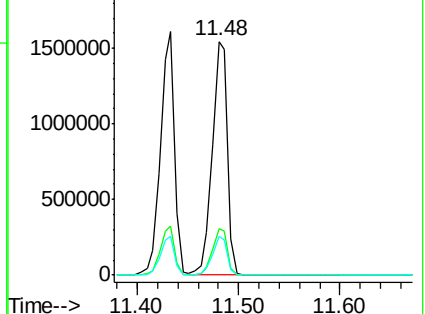
179 16.4 12.7 19.1



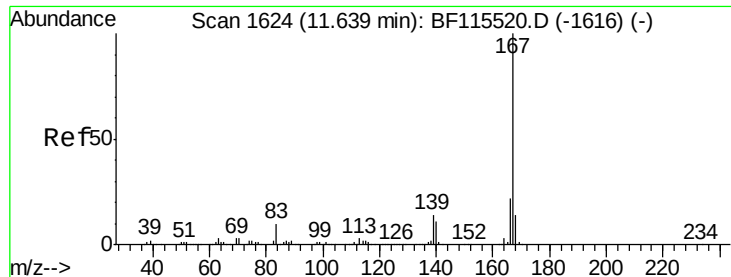
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 46.647 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

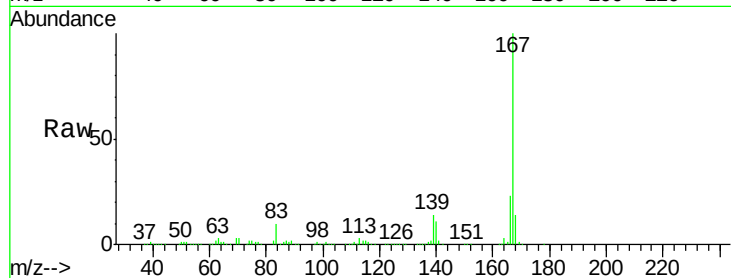
Tot Ion:167 Resp: 1388926

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

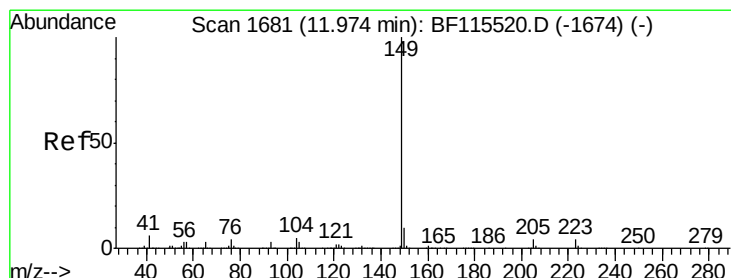
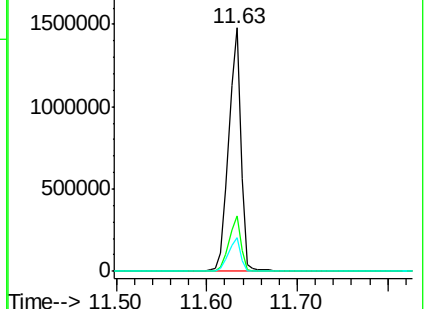
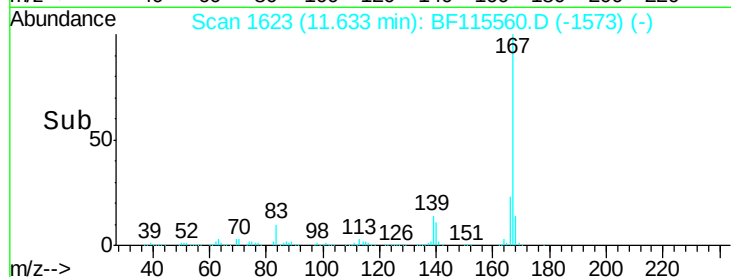
139 14.0 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.685 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

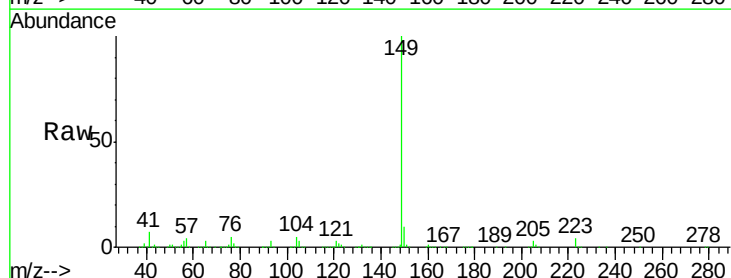
Tgt Ion:149 Resp: 1675551

Ion Ratio Lower Upper

149 100

150 10.1 7.7 11.5

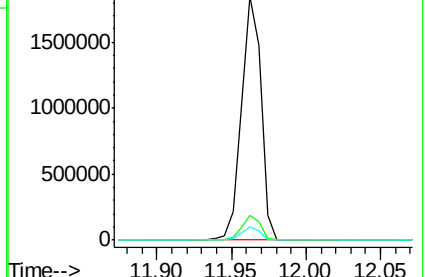
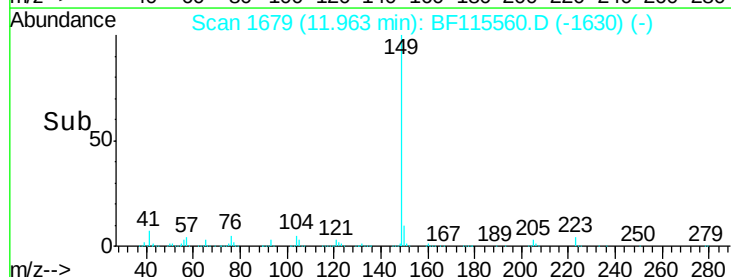
104 5.2 3.8 5.8

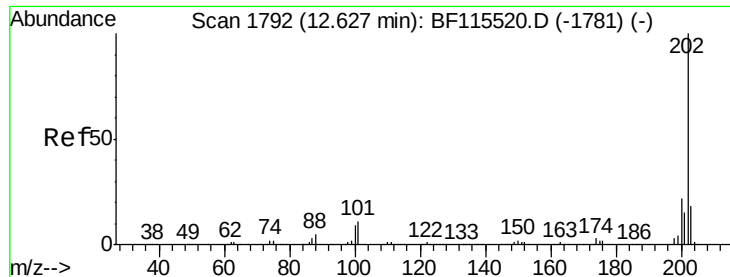


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

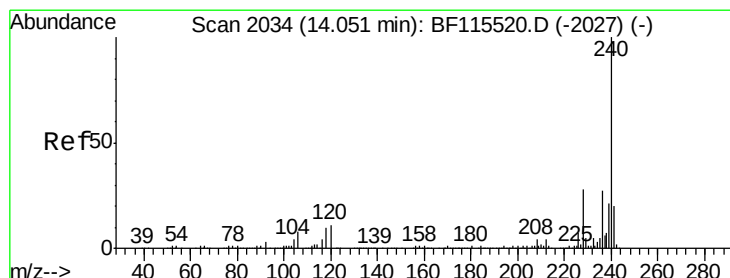
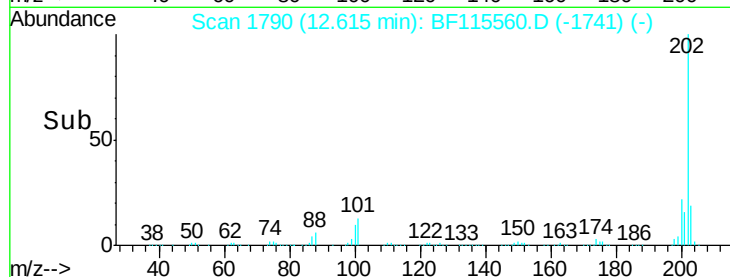
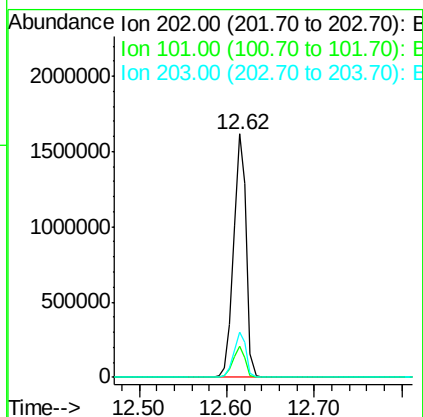
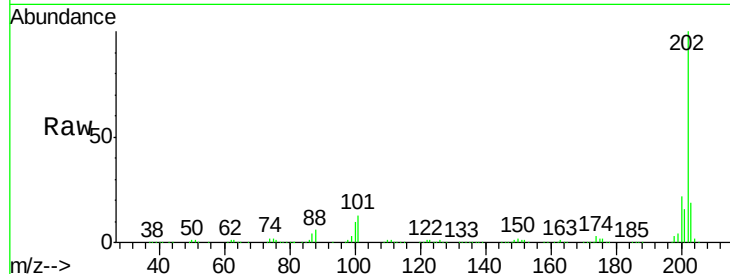




#75  
Fluoranthene  
Concen: 46.134 ng  
RT: 12.62 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

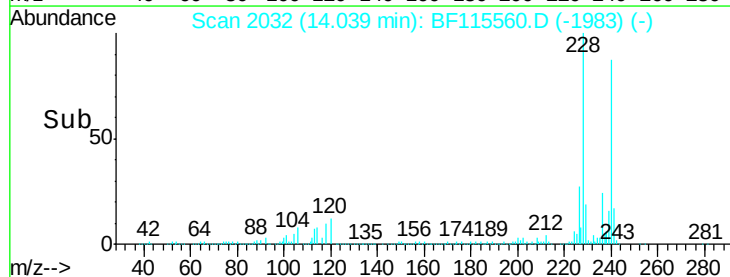
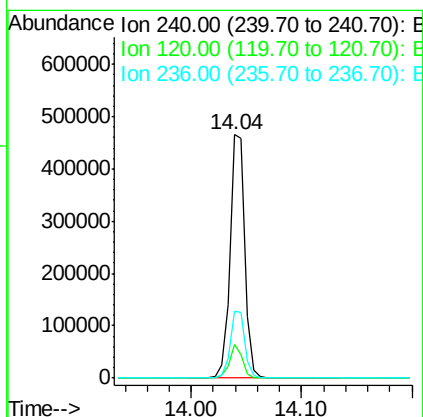
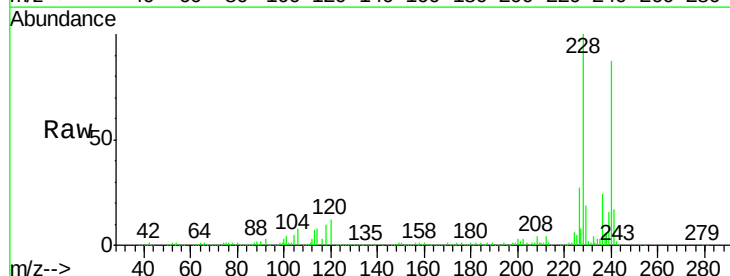
Instrument :  
BNA\_F  
ClientSampleId :

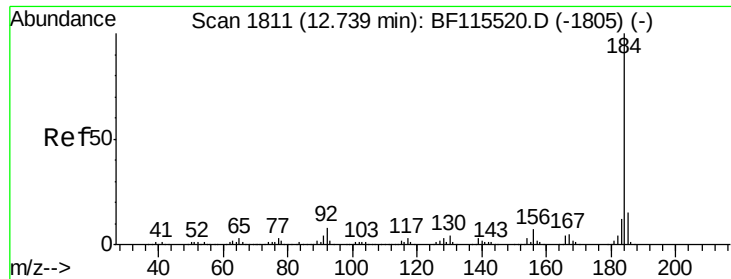
Tot Ion:202 Resp: 1601704  
Ion Ratio Lower Upper  
202 100  
101 13.0 0.0 31.4  
203 18.6 0.0 38.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.04 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BF115560.D  
Acq: 15 Jul 2019 16:59

Tgt Ion:240 Resp: 437310  
Ion Ratio Lower Upper  
240 100  
120 13.6 8.6 13.0#  
236 27.5 21.3 31.9





#77

Benzidine

Concen: 56.720 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

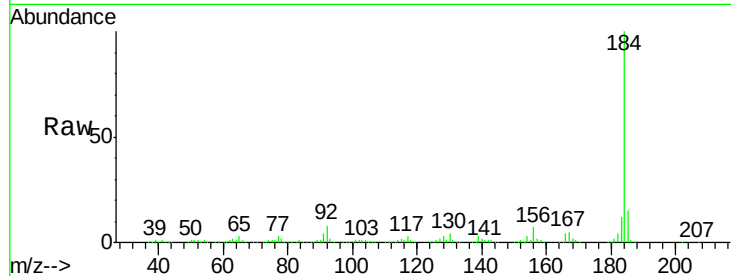
Tot Ion:184 Resp: 878689

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

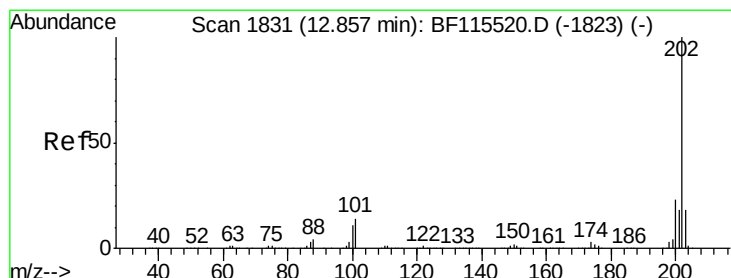
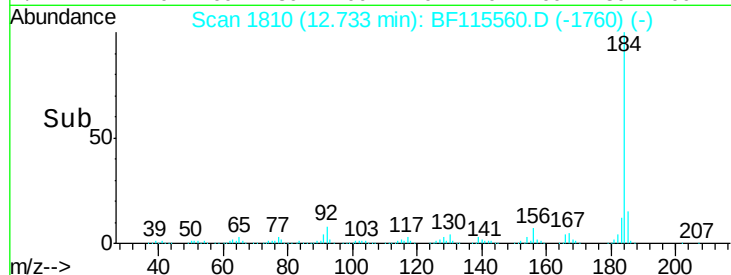
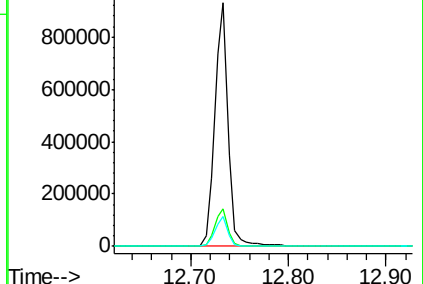
183 12.2 9.3 13.9



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: 46.091 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

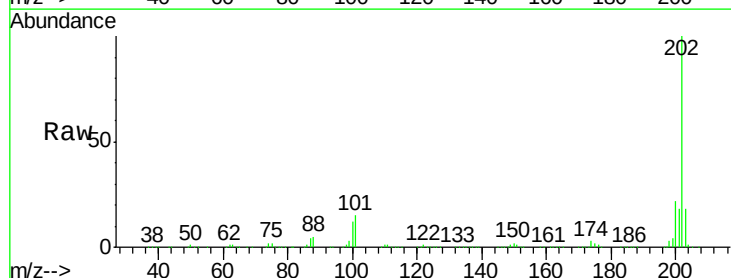
Tgt Ion:202 Resp: 1707706

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

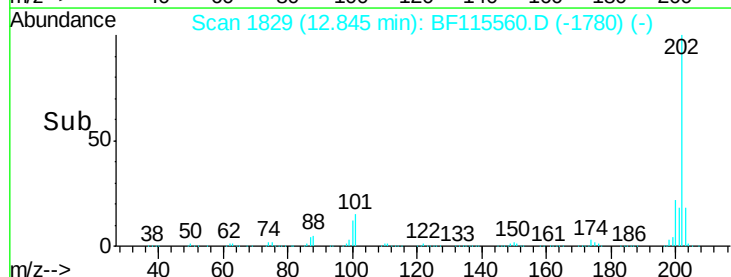
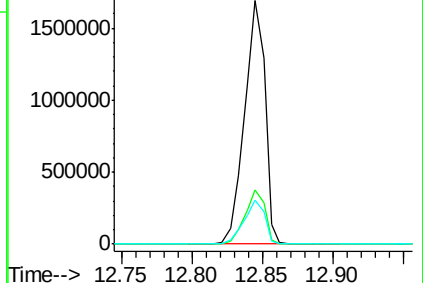
203 18.2 15.2 22.8

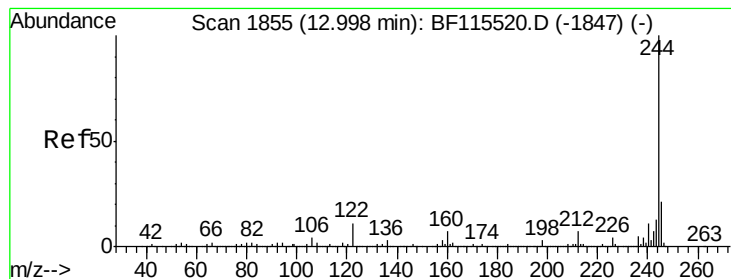


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.739 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampled :

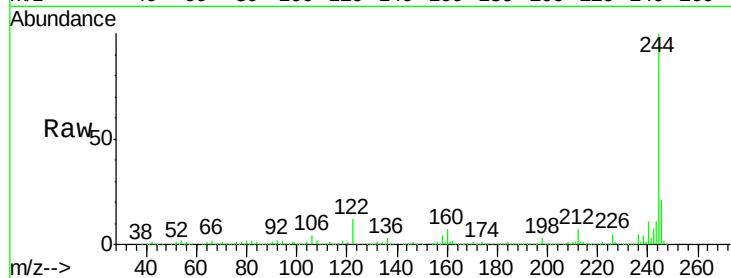
Tot Ion:244 Resp: 2126838

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

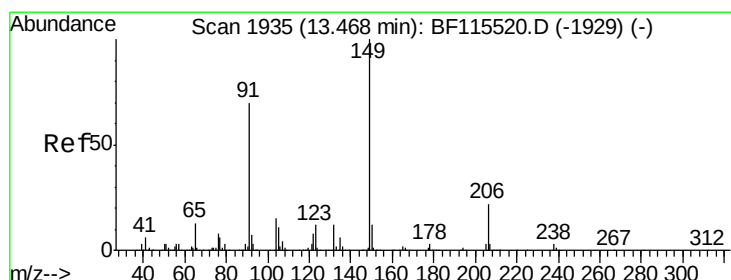
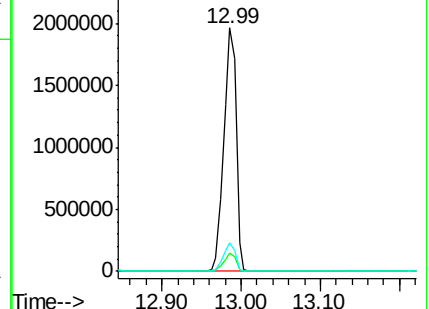
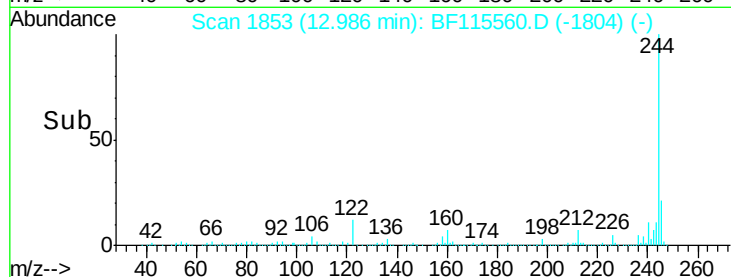
122 11.8 8.6 12.8



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: 45.774 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

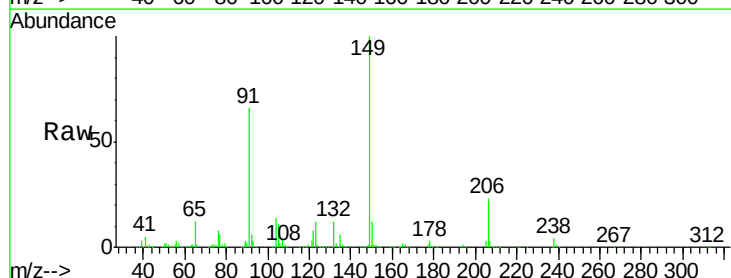
Tgt Ion:149 Resp: 722973

Ion Ratio Lower Upper

149 100

91 65.6 55.8 83.8

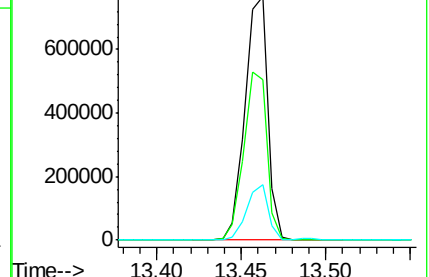
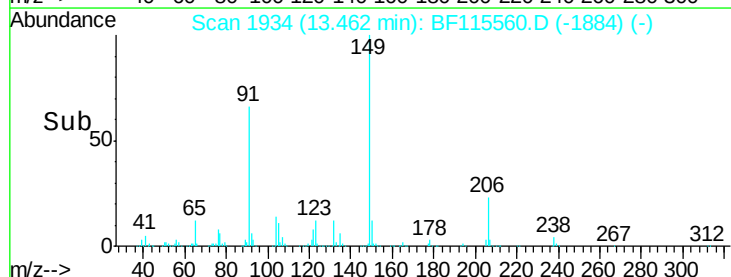
206 22.8 18.2 27.2

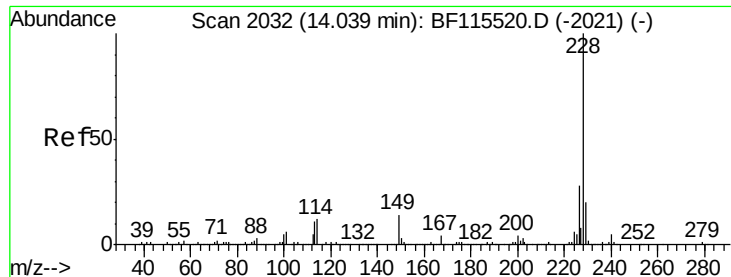


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.916 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

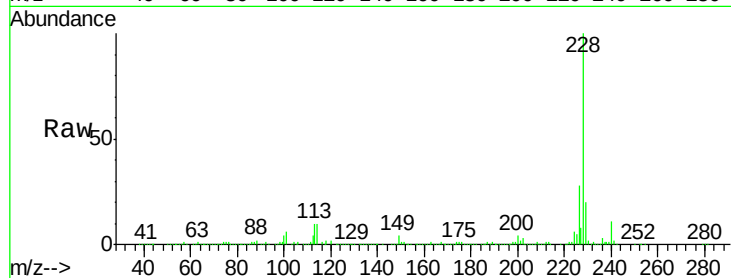
Tot Ion:228 Resp: 1322846

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.8  | 23.4  | 35.0  |
| 229 | 20.3  | 17.2  | 25.8  |

228 100

226 27.8 23.4 35.0

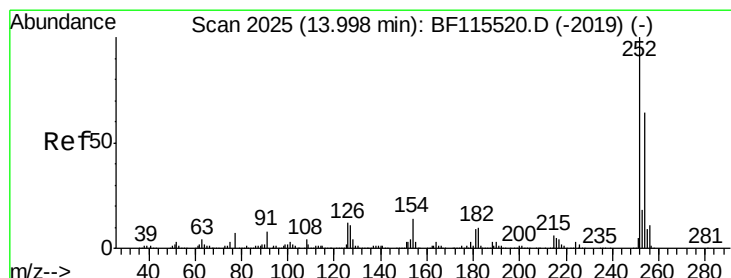
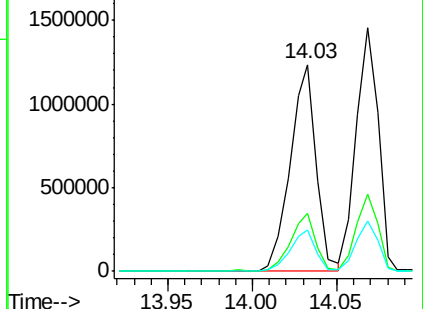
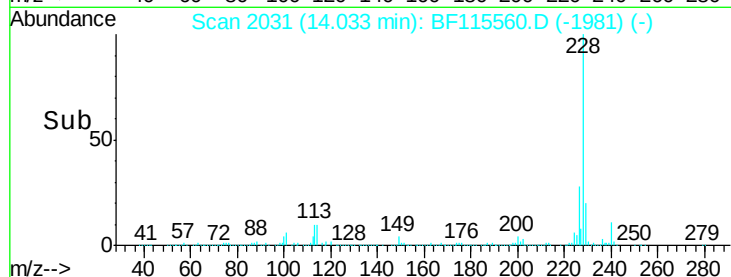
229 20.3 17.2 25.8



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: 37.670 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

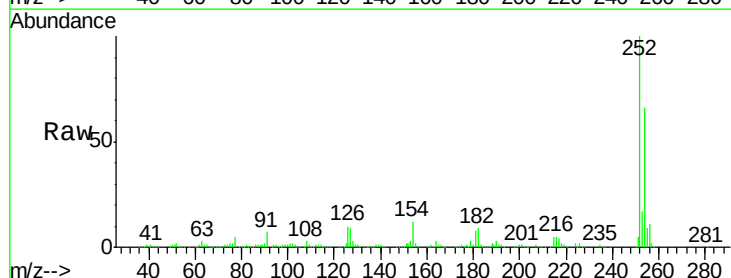
Tgt Ion:252 Resp: 385806

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.0  | 52.9  | 79.3  |
| 126 | 10.0  | 9.9   | 14.9  |

252 100

254 66.0 52.9 79.3

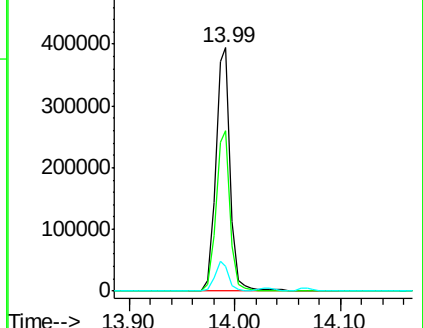
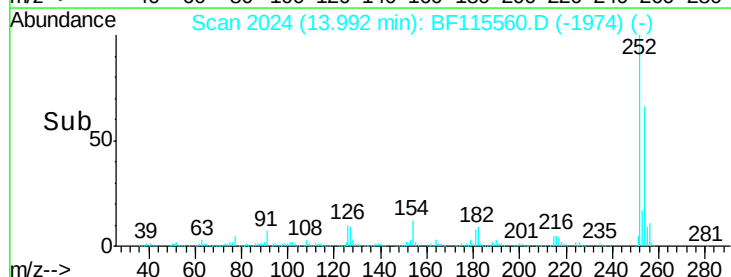
126 10.0 9.9 14.9

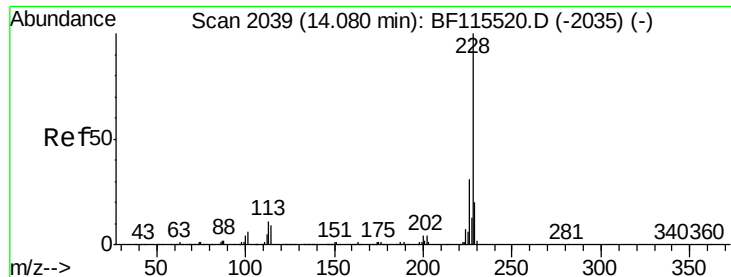


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.187 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

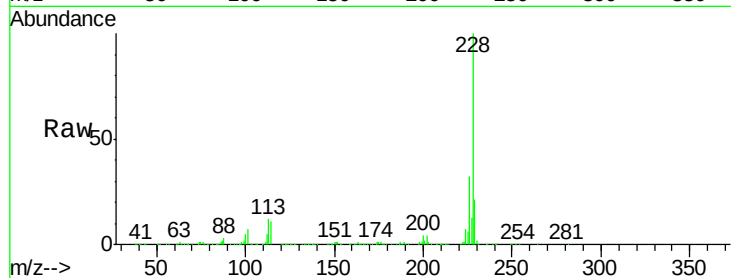
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:228 Resp: 1335777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.5  | 25.7  | 38.5  |
| 229 | 20.8  | 16.6  | 25.0  |

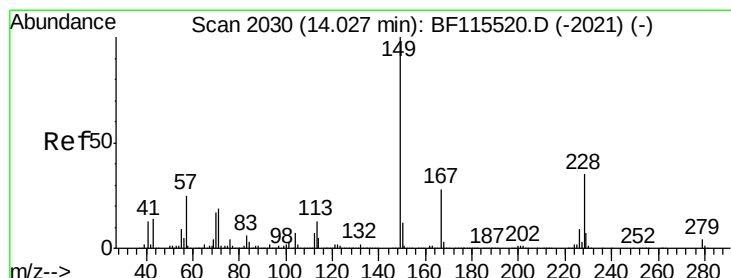
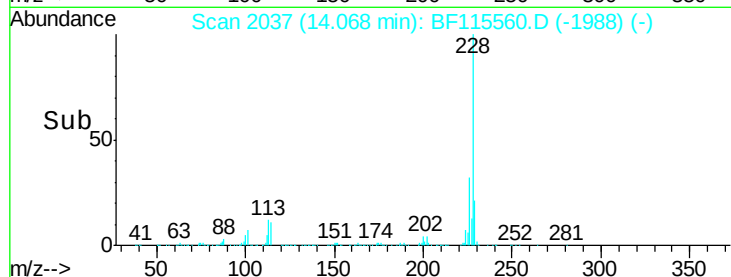
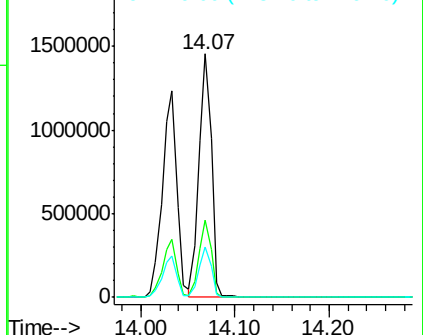


Abundance

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: 45.814 ng

RT: 14.02 min Scan# 2029

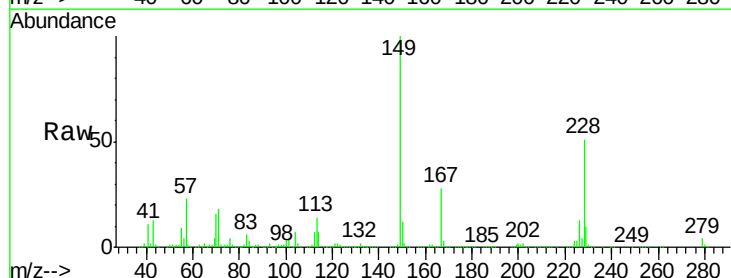
Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Tgt Ion:149 Resp: 896322

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.3  | 23.0  | 34.4  |
| 279 | 4.2   | 4.2   | 6.2   |

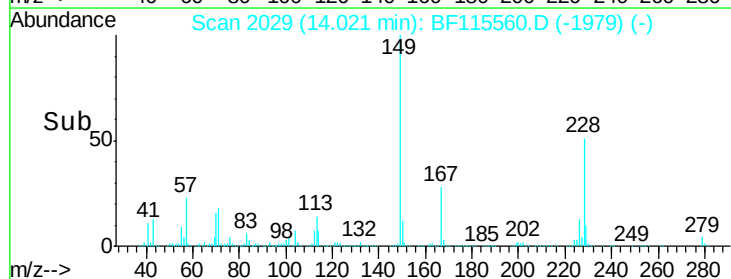
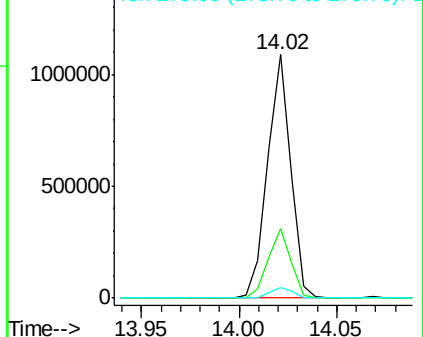


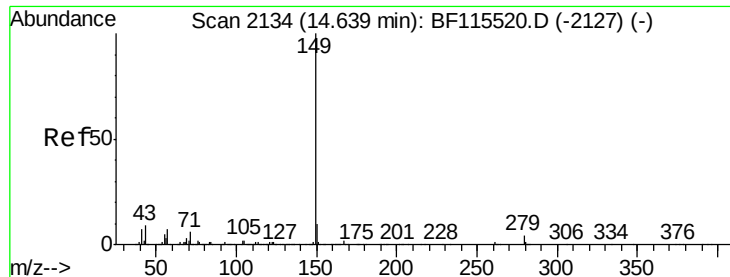
Abundance

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: 49.166 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

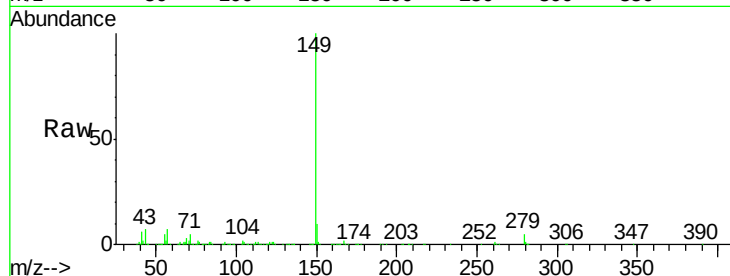
Tot Ion:149 Resp: 1530475

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

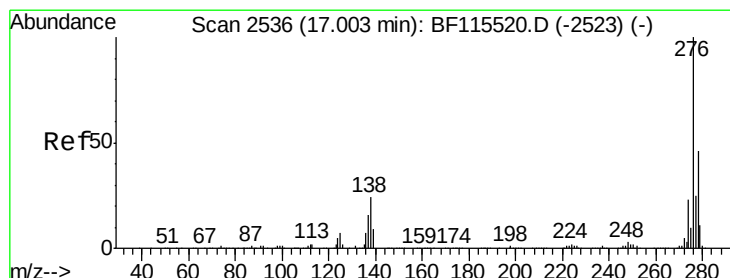
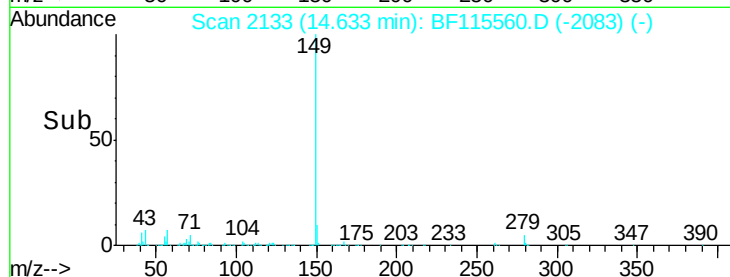
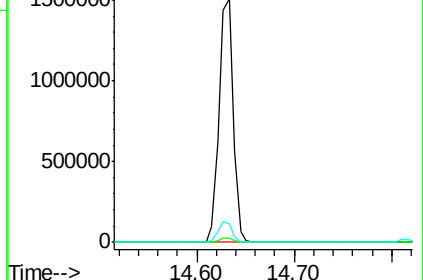
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.691 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

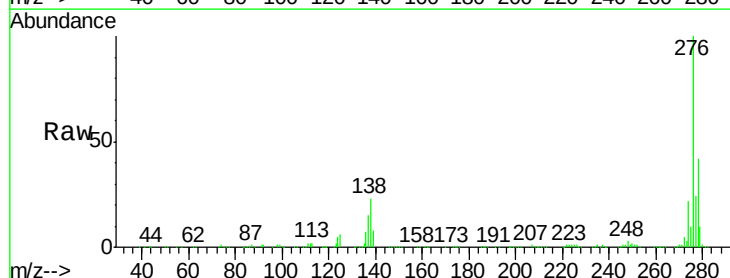
Tgt Ion:276 Resp: 1098104

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.2

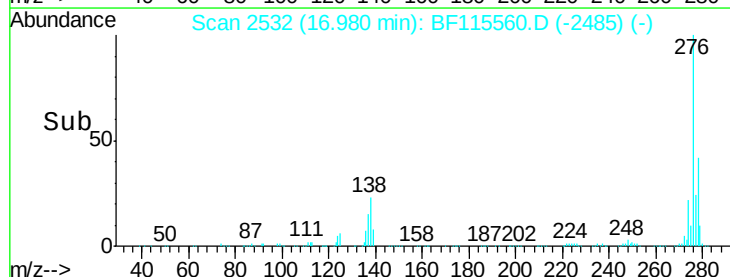
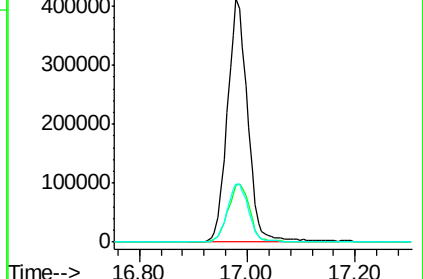
277 25.2 20.4 30.6

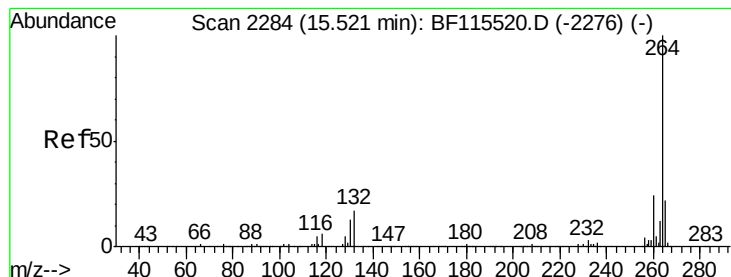


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

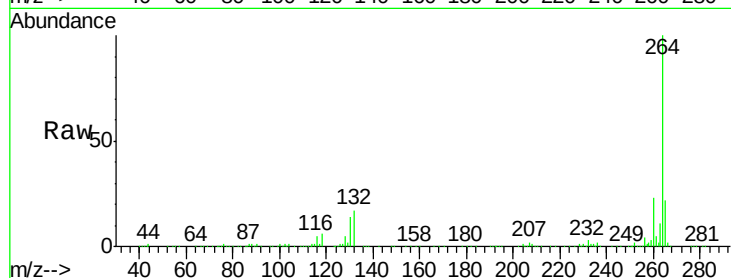
Tot Ion:264 Resp: 389252

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.8

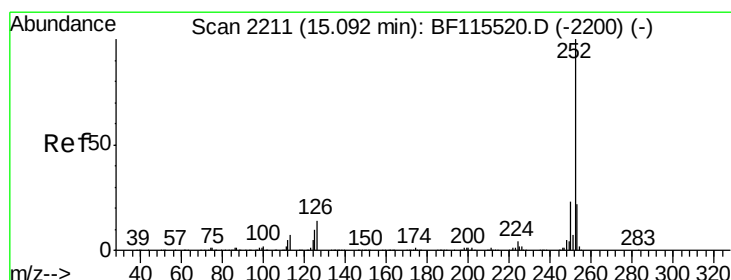
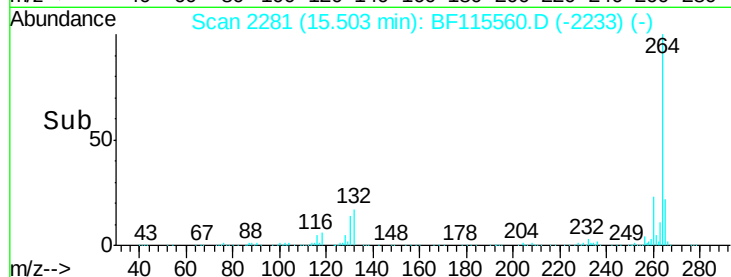
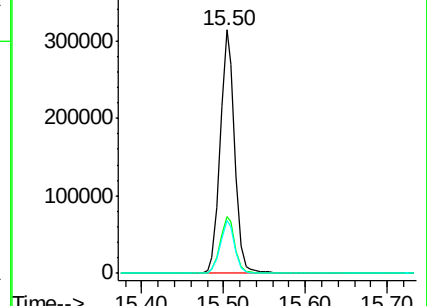
265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.377 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

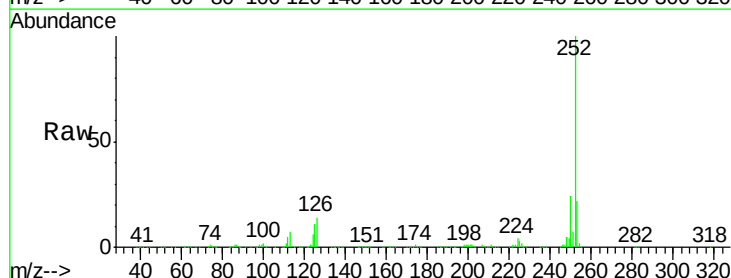
Tgt Ion:252 Resp: 1212551

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

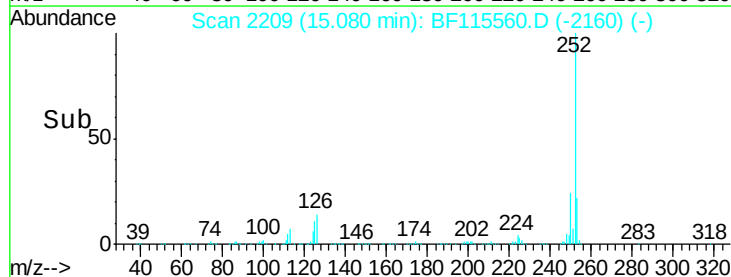
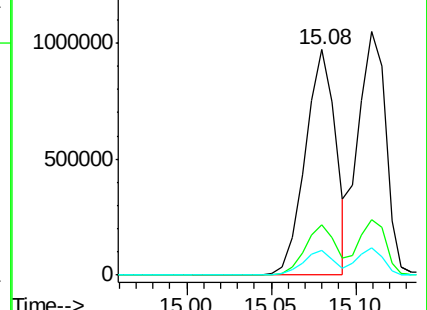
125 11.0 9.0 13.4



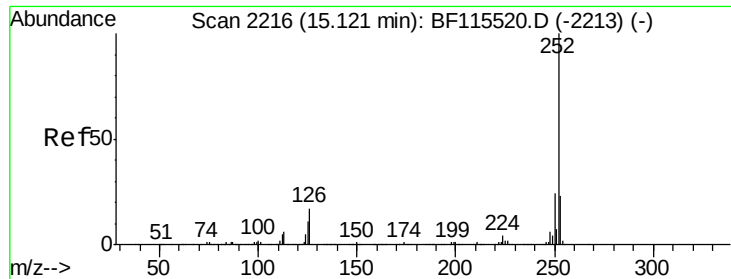
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



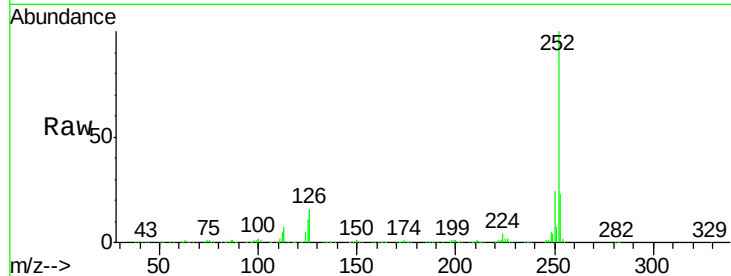




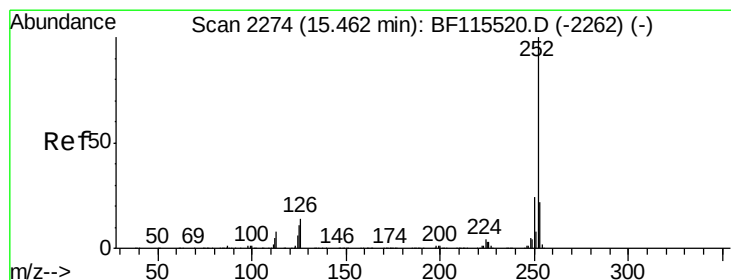
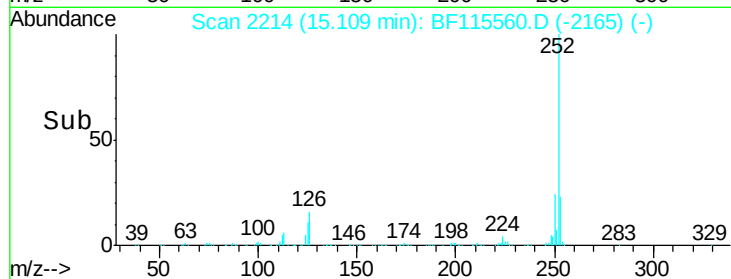
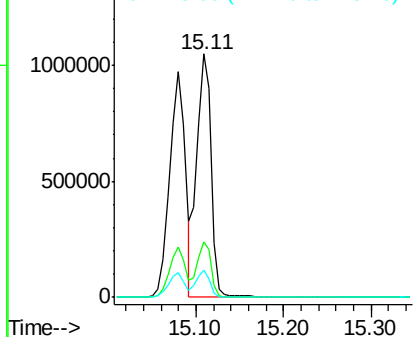
#89  
 Benzo(k)fluoranthene  
 Concen: 54.050 ng  
 RT: 15.11 min Scan# 2214  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:252 Resp: 1207838  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 18.6 28.0  
 125 11.2 9.0 13.6

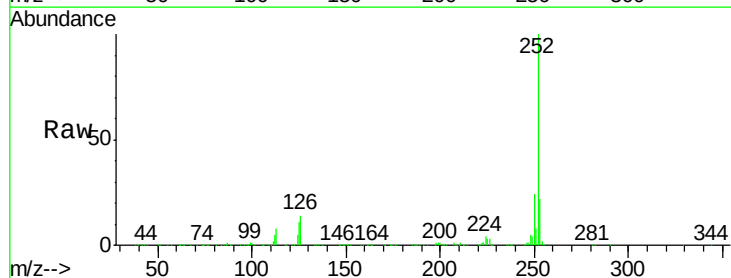


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 253.00 (252.70 to 253.70): E  
 Ion 125.00 (124.70 to 125.70): E

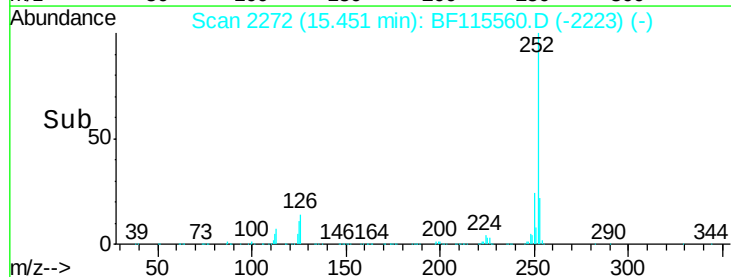
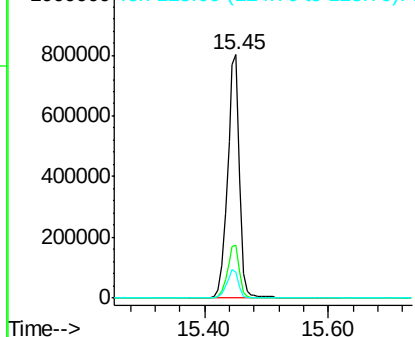


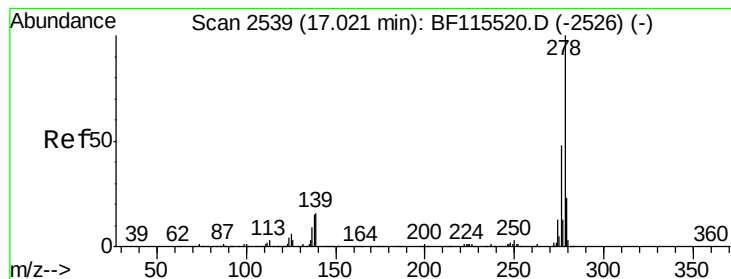
#90  
 Benzo(a)pyrene  
 Concen: 50.005 ng  
 RT: 15.45 min Scan# 2272  
 Delta R.T. -0.01 min  
 Lab File: BF115560.D  
 Acq: 15 Jul 2019 16:59

Tgt Ion:252 Resp: 1077249  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.8 26.6  
 125 10.8 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 48.844 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

Instrument :

BNA\_F

ClientSampleId :

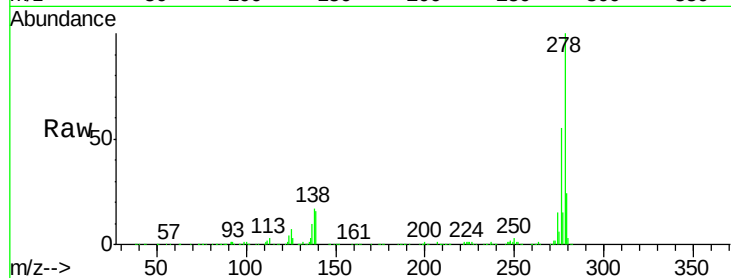
Tot Ion:278 Resp: 923753

Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

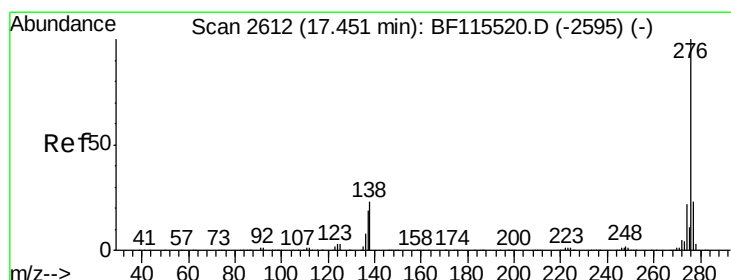
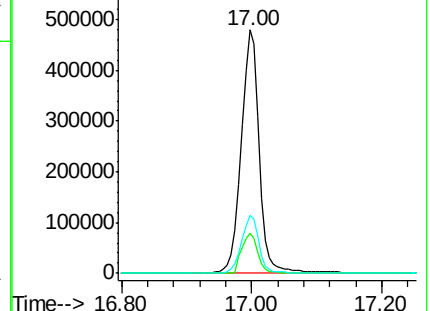
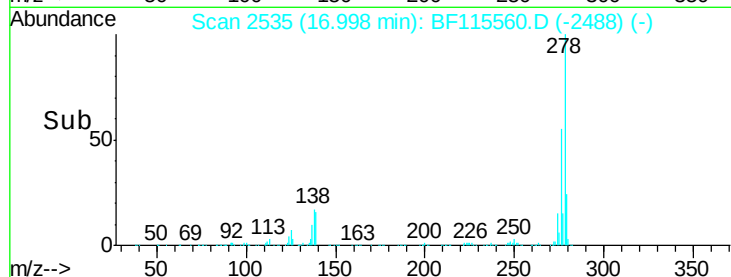
279 24.1 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.902 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115560.D

Acq: 15 Jul 2019 16:59

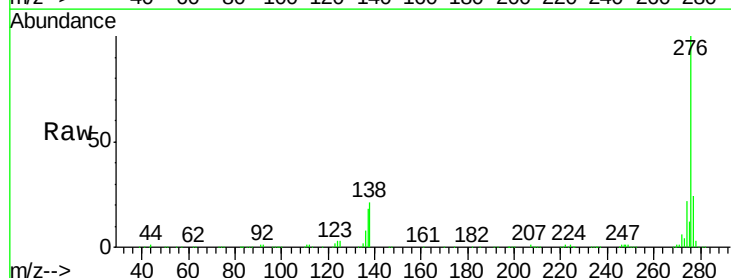
Tgt Ion:276 Resp: 865793

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

