

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\  
 Data File : BF116719.D  
 Acq On : 1 Sep 2019 2:19  
 Operator : HP/JU  
 Sample : K4517-23MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T2-S-A1-A4MS

Quant Time: Sep 01 02:46:51 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 20:02:30 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 119280   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 494090   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 265490   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.36 | 188  | 453593   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 283822   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.44 | 264  | 294556   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 909341  | 123.51 | ng | 0.01 |
| 7) Phenol-d6             | 6.48  | 99  | 1202992 | 124.43 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.41  | 82  | 849139  | 98.11  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 287271  | 161.86 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.20  | 172 | 1450571 | 92.17  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.94 | 244 | 1599227 | 104.24 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.70 | 88  | 135564  | 39.886 | ng | # 85   |
| 3) Pyridine                    | 3.42 | 79  | 278349  | 28.285 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 144022  | 42.619 | ng | 78     |
| 6) Aniline                     | 6.51 | 93  | 183323  | 13.690 | ng | 98     |
| 8) 2-Chlorophenol              | 6.63 | 128 | 388273  | 48.308 | ng | 94     |
| 9) Benzaldehyde                | 6.39 | 77  | 34745   | 5.455  | ng | 94     |
| 10) Phenol                     | 6.49 | 94  | 437833  | 40.897 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.58 | 93  | 387343  | 46.467 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.79 | 146 | 396529  | 43.652 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.86 | 146 | 408570  | 45.177 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.02 | 146 | 378678  | 45.182 | ng | 99     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 373332  | 47.571 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 434418  | 44.418 | ng | 100    |
| 17) 2-Methylphenol             | 7.10 | 107 | 328179  | 46.643 | ng | 95     |
| 18) Hexachloroethane           | 7.36 | 117 | 151197  | 43.031 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 291174  | 45.741 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 398044  | 48.656 | ng | # 82   |
| 22) Acetophenone               | 7.26 | 105 | 549718  | 46.213 | ng | # 90   |
| 24) Nitrobenzene               | 7.43 | 77  | 449123  | 51.022 | ng | 94     |
| 25) Isophorone                 | 7.67 | 82  | 835610  | 47.646 | ng | 97     |
| 26) 2-Nitrophenol              | 7.75 | 139 | 191314  | 58.459 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 7.78 | 122 | 359299  | 54.362 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 507099  | 47.316 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.99 | 162 | 335289  | 52.787 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 322928  | 46.874 | ng | 98     |
| 31) Naphthalene                | 8.15 | 128 | 1142151 | 48.614 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 151564  | 40.613 | ng | 95     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 58371   | 5.458  | ng | 95     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 168687  | 44.907 | ng | 99     |
| 35) Caprolactam                | 8.56 | 113 | 65473   | 27.543 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 8.68 | 107 | 400421  | 54.850 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.84 | 142 | 794317  | 50.813 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.94 | 142 | 752549  | 50.997 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.01 | 216 | 296667  | 46.614 | ng | 98     |

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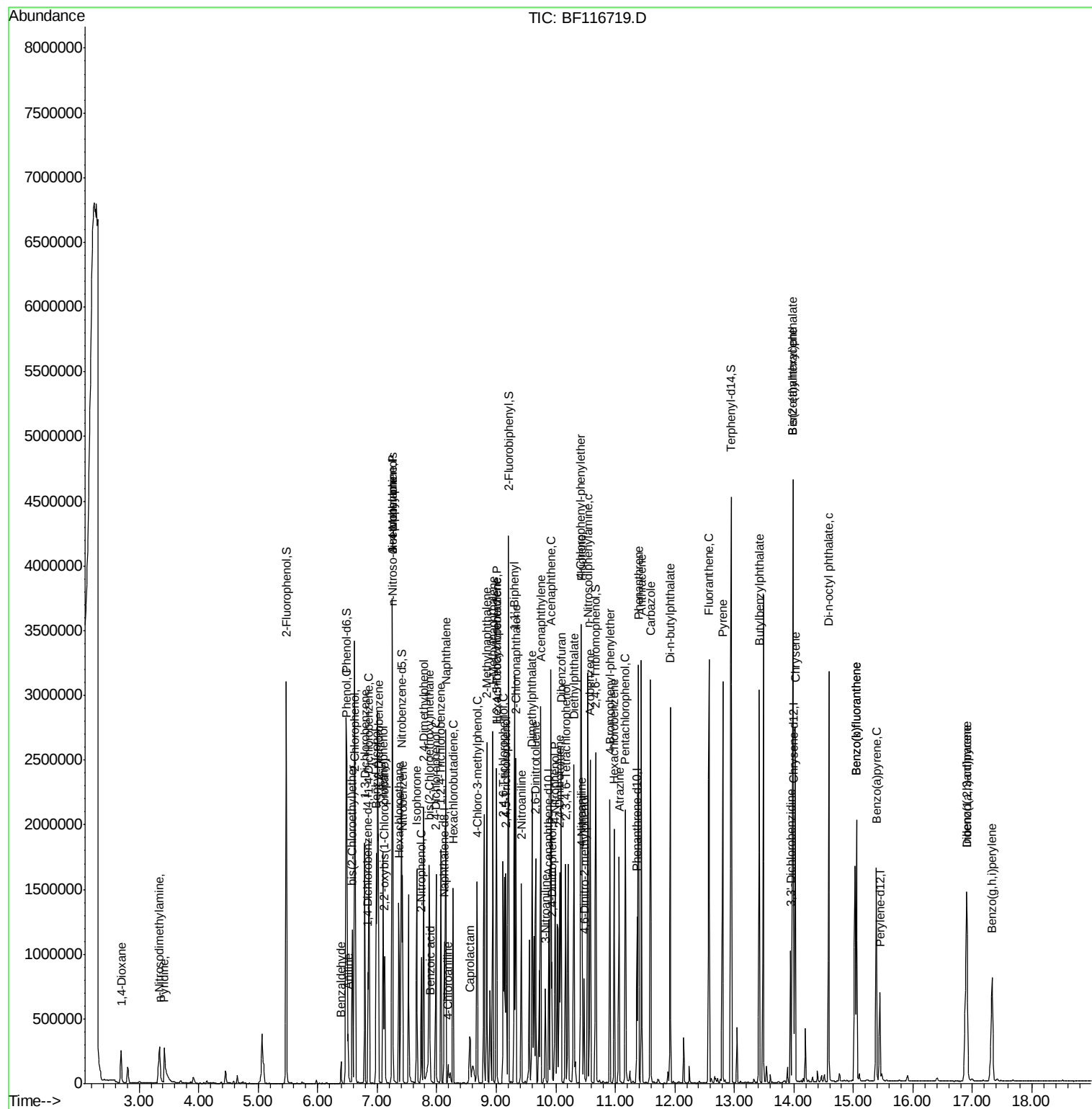
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.00  | 237  | 247191   | 67.260  | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 219910   | 50.407  | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 249525   | 55.092  | nq    | 95       |
| 46) 1,1'-Biphenyl              | 9.30  | 154  | 963395   | 47.821  | nq    | 97       |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 749989   | 47.003  | nq    | 98       |
| 48) 2-Nitroaniline             | 9.42  | 65   | 254389   | 55.147  | nq    | 100      |
| 49) Acenaphthylene             | 9.75  | 152  | 1211949  | 50.247  | nq    | 99       |
| 50) Dimethylphthalate          | 9.60  | 163  | 912281   | 49.772  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 206014   | 58.910  | nq    | 96       |
| 52) Acenaphthene               | 9.92  | 154  | 766345   | 51.710  | nq    | 99       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 108789   | 24.823  | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 104035   | 83.406  | nq    | 88       |
| 55) Dibenzofuran               | 10.09 | 168  | 1070891  | 51.258  | nq    | 98       |
| 56) 4-Nitrophenol              | 9.99  | 139  | 344355   | 114.593 | nq    | 87       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 284426   | 66.515  | nq    | 95       |
| 58) Fluorene                   | 10.43 | 166  | 820557   | 51.546  | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 178294   | 54.544  | nq    | 94       |
| 60) Diethylphthalate           | 10.30 | 149  | 944998   | 51.469  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204  | 354382   | 50.838  | nq    | 96       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 242950   | 57.122  | nq    | 92       |
| 63) Azobenzene                 | 10.58 | 77   | 994927   | 51.968  | nq    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 84875    | 50.371  | nq    | 84       |
| 66) n-Nitrosodiphenylamine     | 10.54 | 169  | 784750   | 50.012  | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 10.91 | 248  | 223680   | 48.543  | nq    | 99       |
| 68) Hexachlorobenzene          | 10.98 | 284  | 231061   | 47.927  | nq    | 97       |
| 69) Atrazine                   | 11.06 | 200  | 183949   | 41.857  | nq    | 97       |
| 70) Pentachlorophenol          | 11.17 | 266  | 237731   | 101.935 | nq    | 99       |
| 71) Phenanthrene               | 11.39 | 178  | 1239329  | 49.083  | nq    | 99       |
| 72) Anthracene                 | 11.44 | 178  | 1284604  | 50.540  | nq    | 100      |
| 73) Carbazole                  | 11.59 | 167  | 1233408  | 50.943  | nq    | 99       |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 1569187  | 50.556  | nq    | 99       |
| 75) Fluoranthene               | 12.57 | 202  | 1258641  | 50.722  | nq    | 98       |
| 78) Pyrene                     | 12.80 | 202  | 1243787  | 49.298  | nq    | 98       |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 672268   | 54.793  | nq    | 99       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 880880   | 49.039  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 195129   | 32.144  | nq    | 98       |
| 83) Chrysene                   | 14.02 | 228  | 919263   | 49.673  | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 913576   | 60.320  | nq    | 98       |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 1562928  | 63.059  | nq    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.90 | 276  | 833267   | 56.057  | nq    | # 93     |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 804736   | 45.189  | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 15.06 | 252  | 804736   | 49.561  | nq    | 98       |
| 90) Benzo(a)pyrene             | 15.39 | 252  | 811153   | 52.354  | nq    | # 96     |
| 91) Dibenzo(a,h)anthracene     | 16.91 | 278  | 708063   | 52.211  | nq    | # 94     |
| 92) Benzo(g,h,i)perylene       | 17.33 | 276  | 661042   | 47.794  | nq    | # 93     |

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

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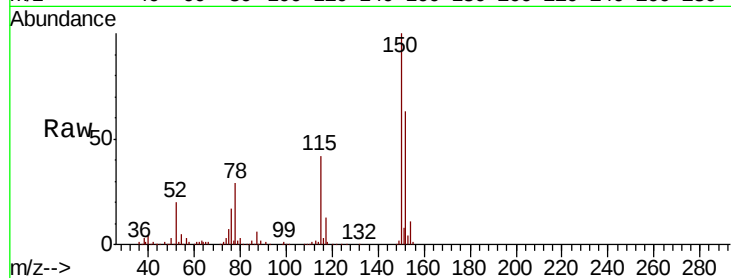


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.6 | 124.4 | 186.6 |
| 115     | 66.3  | 49.9  | 74.9  |

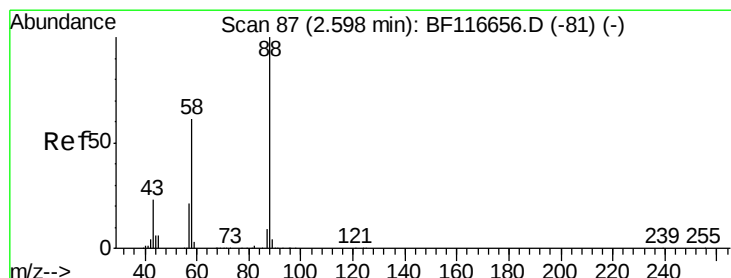
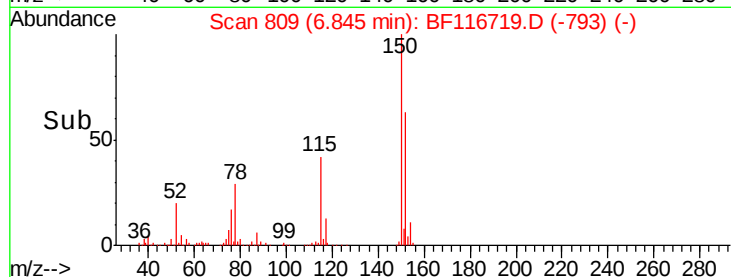
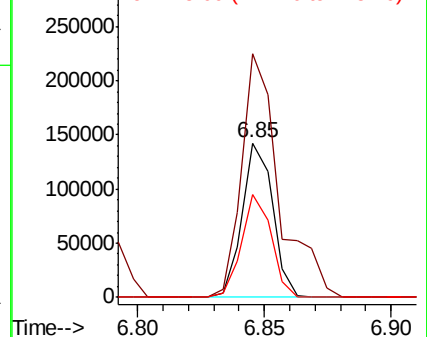


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

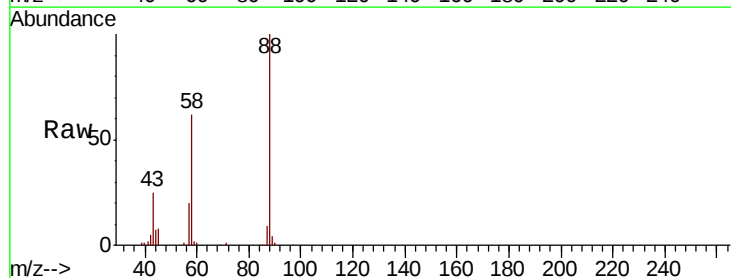
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 39.886 ng  
RT: 2.70 min Scan# 104  
Delta R.T. 0.10 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 63.4  | 51.7  | 77.5  |
| 43      | 0.0   | 19.8  | 29.8  |

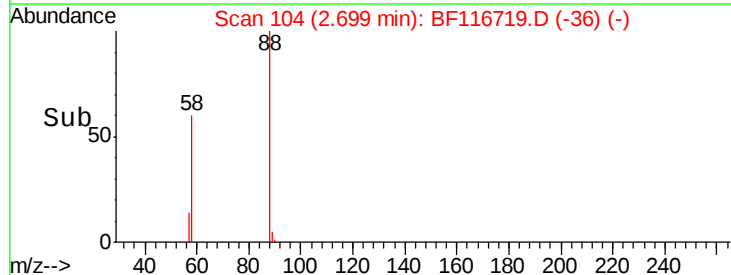
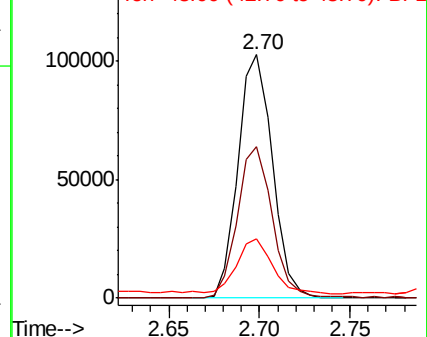


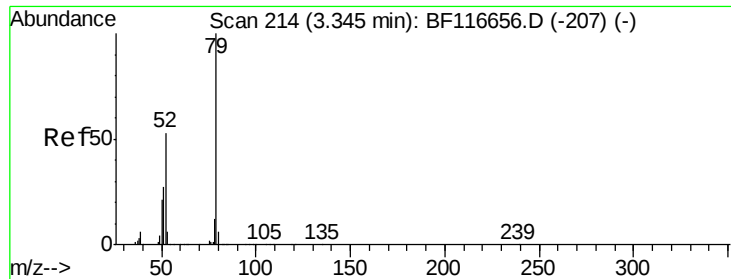
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.285 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.08 min

Lab File: BF116719.D

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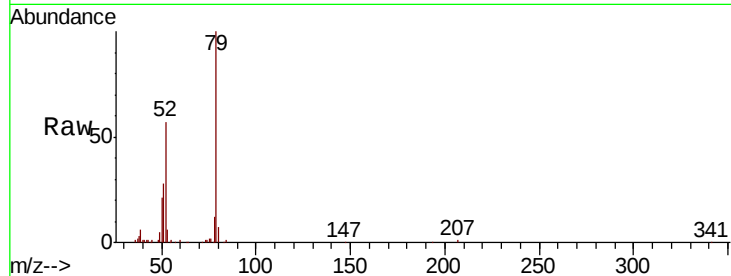
Tot Ion: 79 Resp: 278349

Ion Ratio Lower Upper

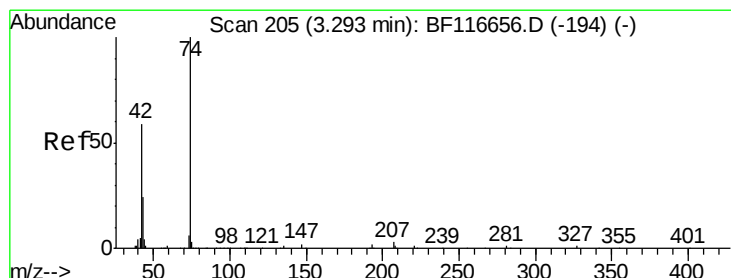
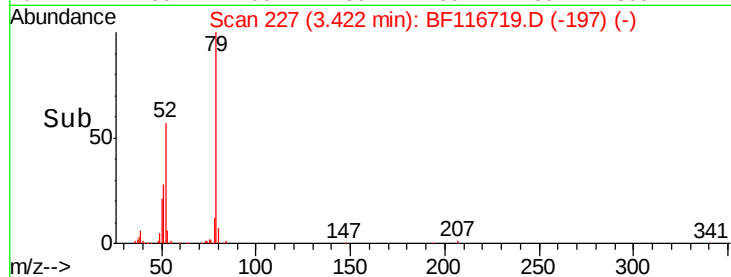
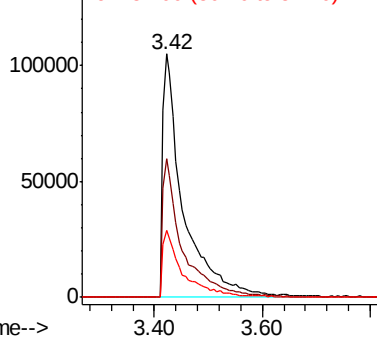
79 100

52 57.1 47.4 71.0

51 27.5 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.619 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.05 min

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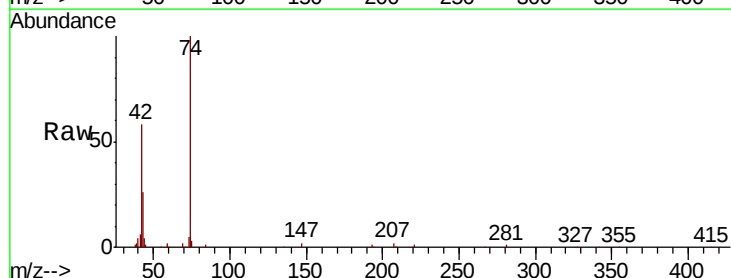
Tgt Ion: 42 Resp: 144022

Ion Ratio Lower Upper

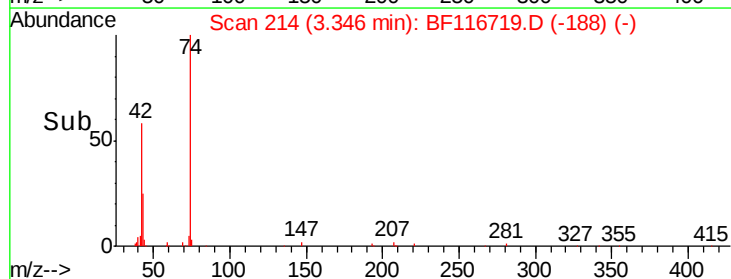
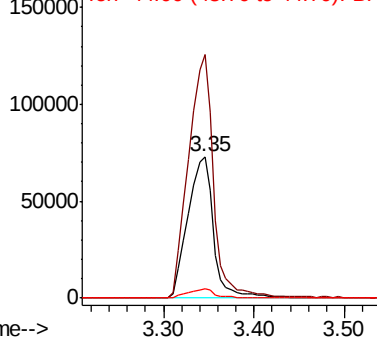
42 100

74 172.3 115.6 173.4

44 6.5 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.506 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

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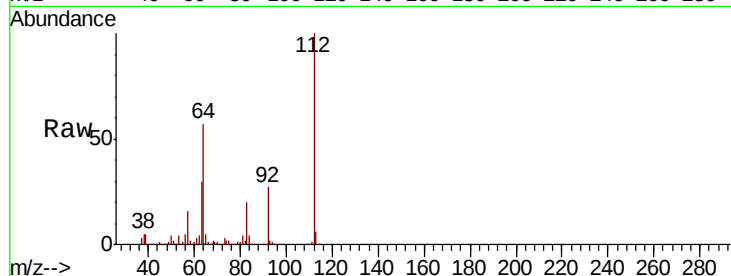
Tot Ion:112 Resp: 909341

Ion Ratio Lower Upper

112 100

64 57.4 47.1 70.7

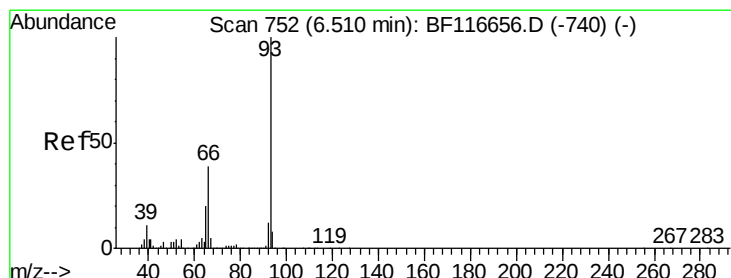
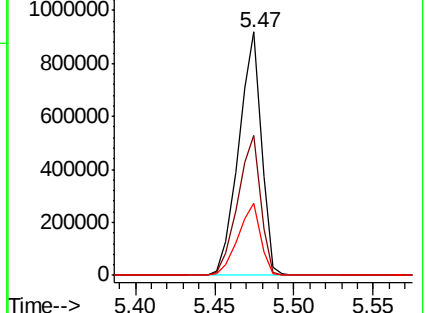
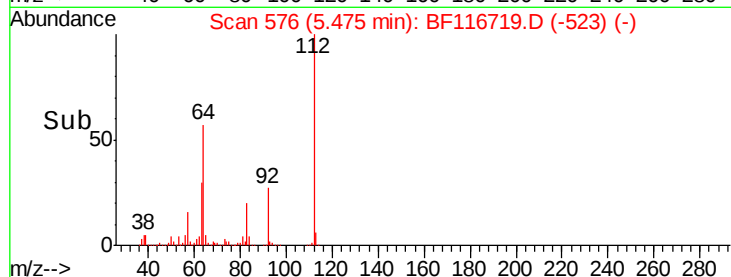
63 29.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.690 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

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Acq: 1 Sep 2019 2:19

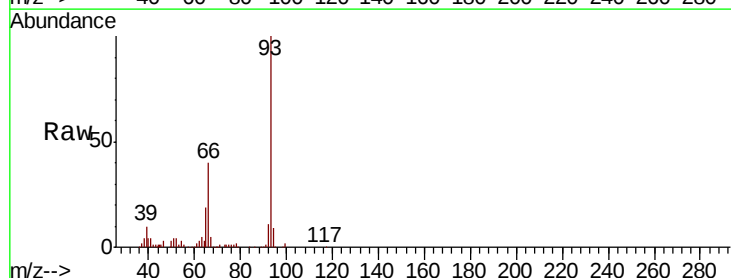
Tgt Ion: 93 Resp: 183323

Ion Ratio Lower Upper

93 100

66 39.6 32.7 49.1

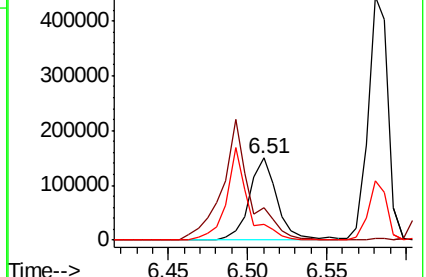
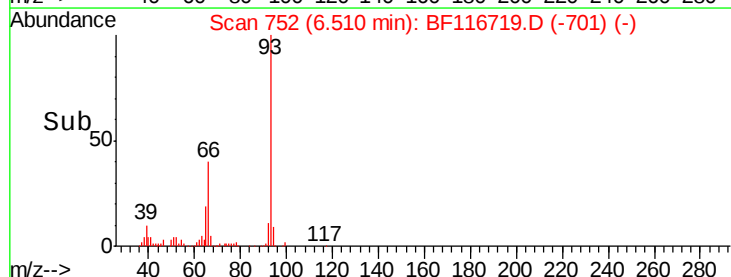
65 19.1 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 124.430 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

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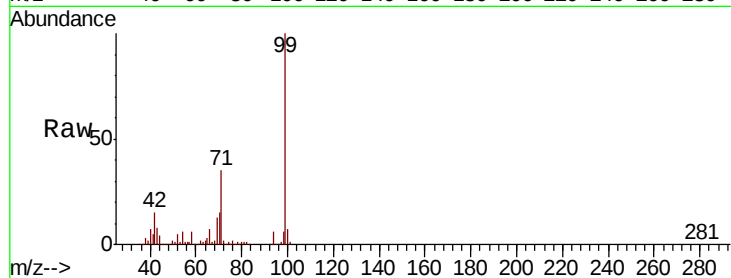
Tot Ion: 99 Resp: 1202992

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

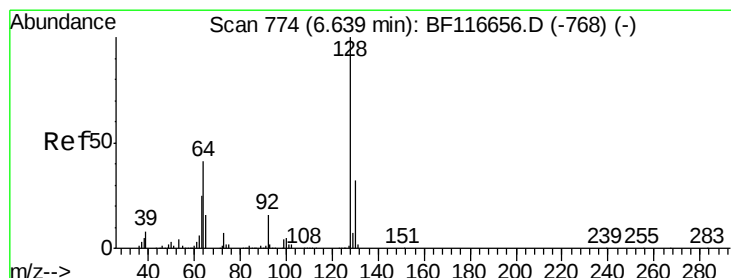
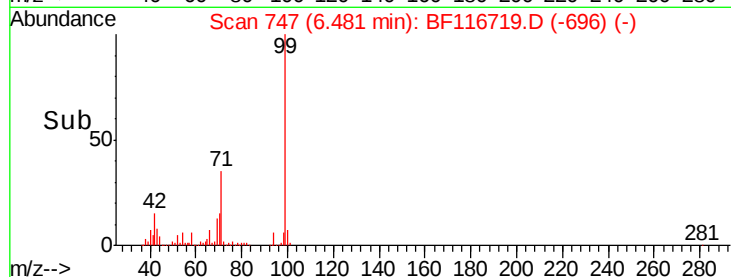
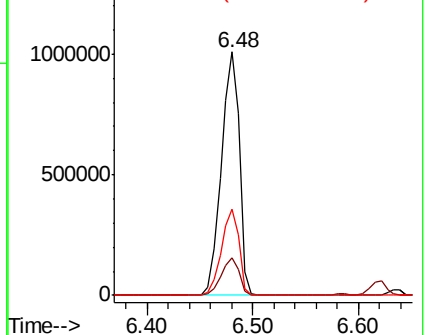
71 35.5 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.308 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

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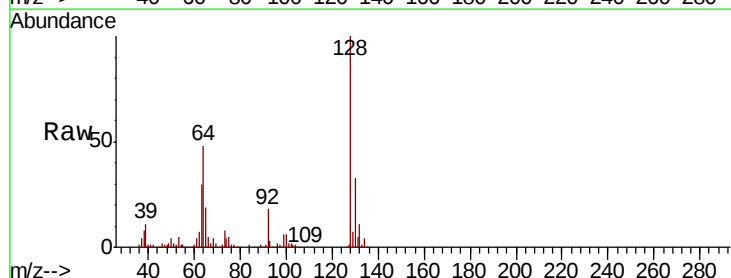
Tgt Ion: 128 Resp: 388273

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

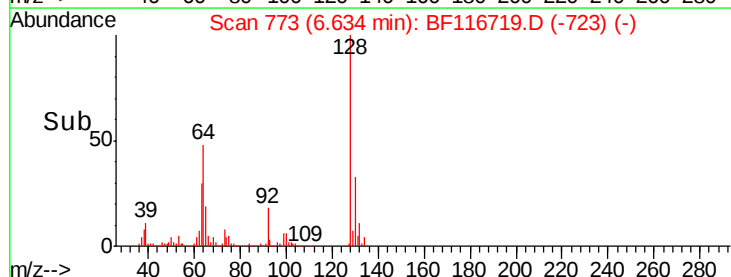
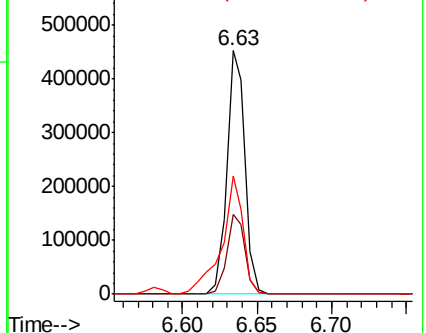
64 48.5 22.5 62.5

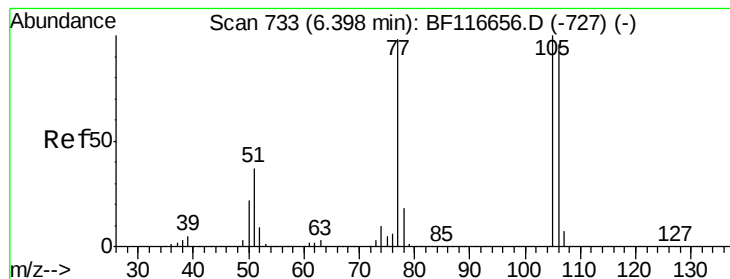


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.455 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

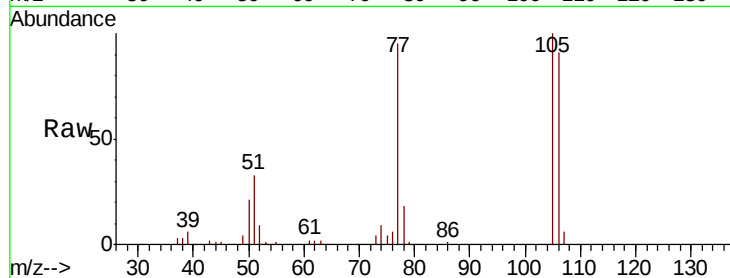
Tot Ion: 77 Resp: 34745

Ion Ratio Lower Upper

77 100

105 105.0 76.7 116.7

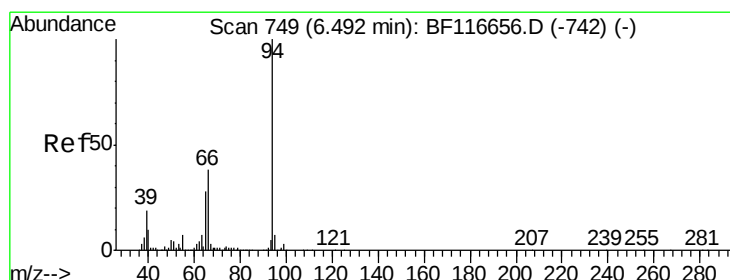
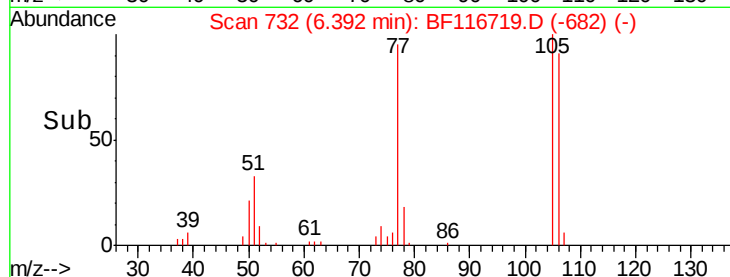
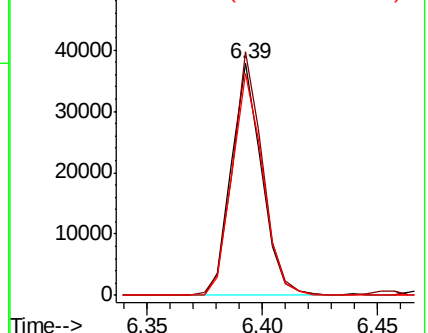
106 95.5 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.897 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

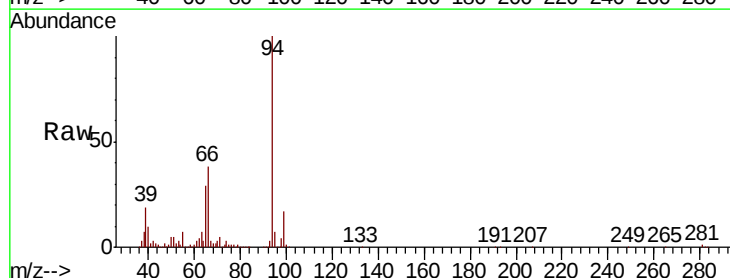
Tgt Ion: 94 Resp: 437833

Ion Ratio Lower Upper

94 100

65 29.1 10.8 50.8

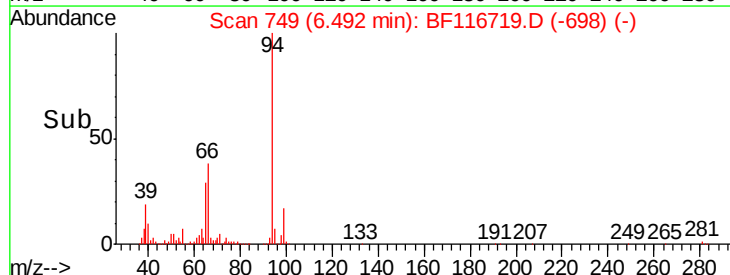
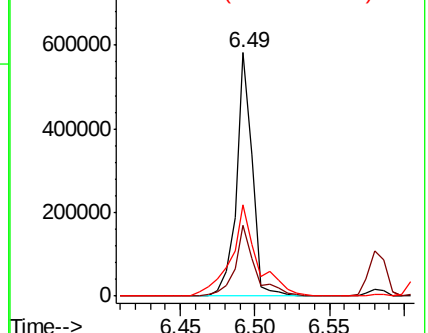
66 37.7 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

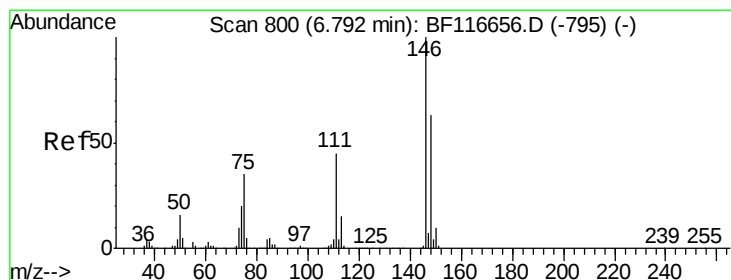
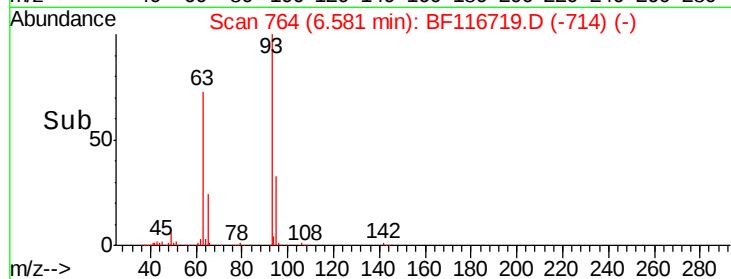
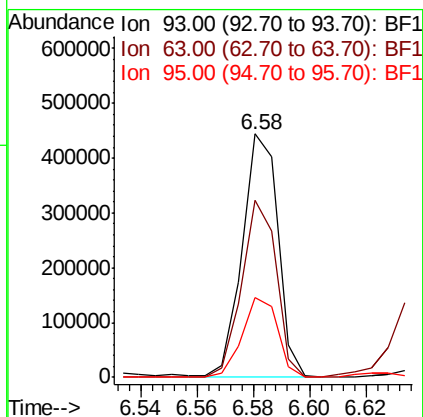
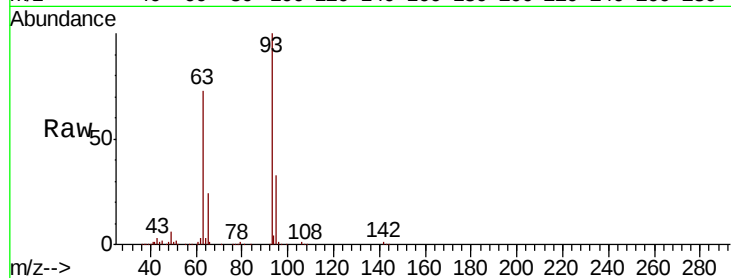




#11  
bis(2-Chloroethyl)ether  
Concen: 46.467 ng  
RT: 6.58 min Scan# 764  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

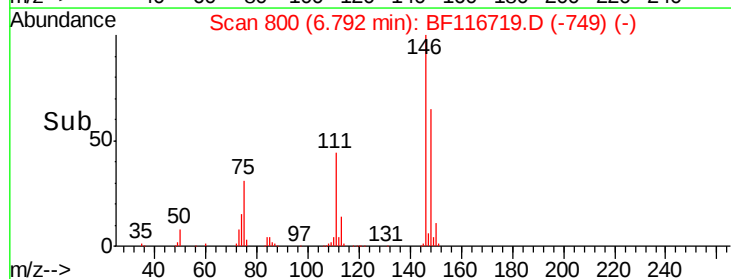
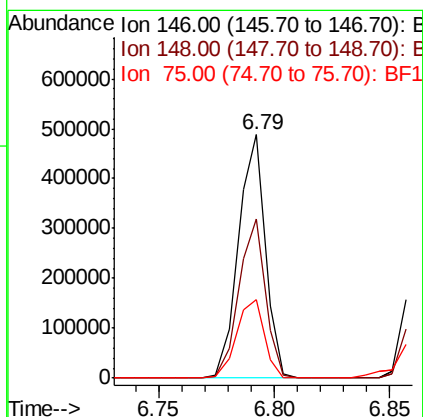
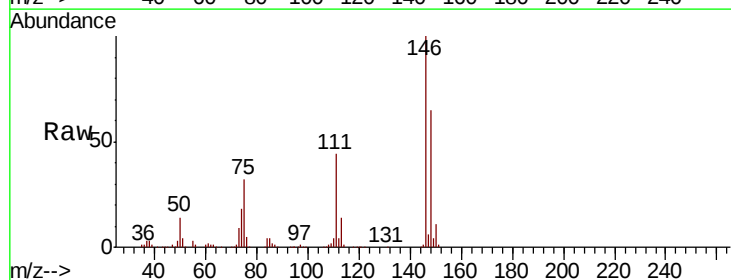
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

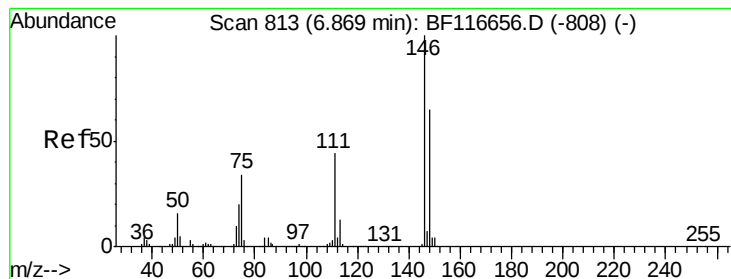
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 387343 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 72.8  | 49.9  | 89.9   |
| 95       | 32.6  | 12.7  | 52.7   |



#12  
1,3-Dichlorobenzene  
Concen: 43.652 ng  
RT: 6.79 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 396529 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 65.3  | 51.4  | 77.0   |
| 75       | 32.1  | 29.6  | 44.4   |





#13

1,4-Dichlorobenzene

Concen: 45.177 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

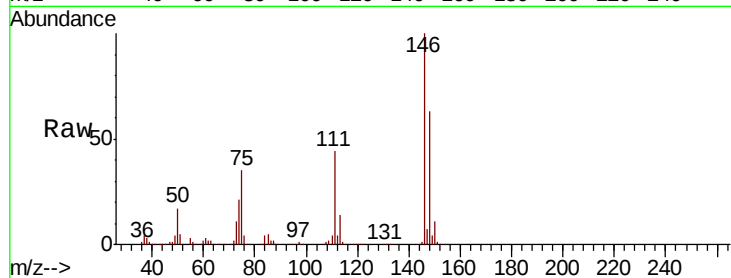
Tot Ion:146 Resp: 408570

Ion Ratio Lower Upper

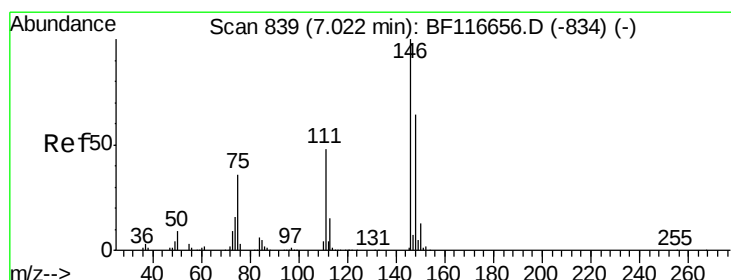
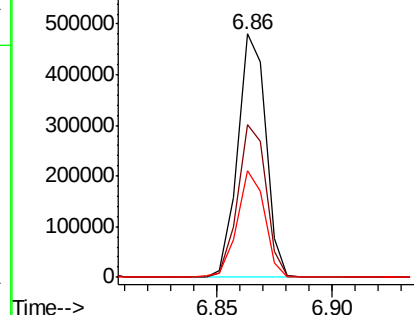
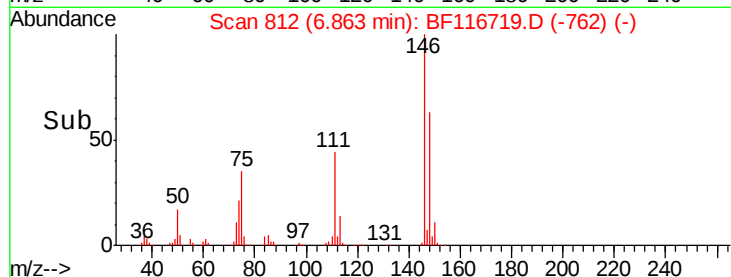
146 100

148 62.7 51.4 77.2

111 43.7 34.8 52.2



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



#14

1,2-Dichlorobenzene

Concen: 45.182 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

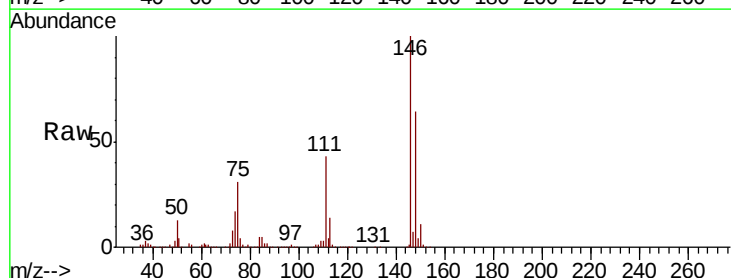
Tgt Ion:146 Resp: 378678

Ion Ratio Lower Upper

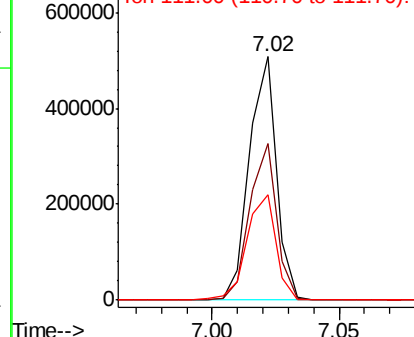
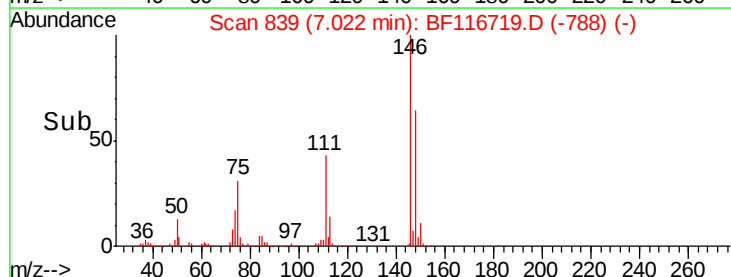
146 100

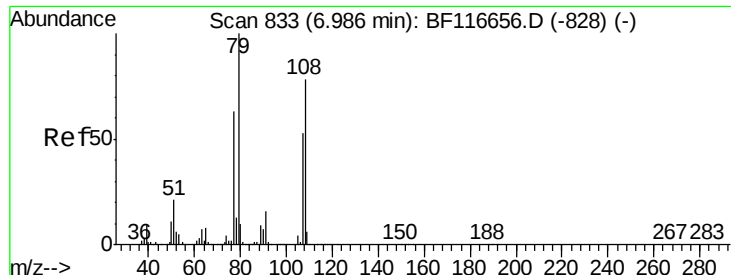
148 64.3 52.6 78.8

111 43.2 34.2 51.4



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: 47.571 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

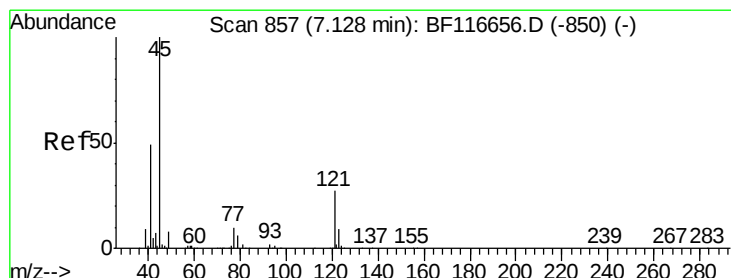
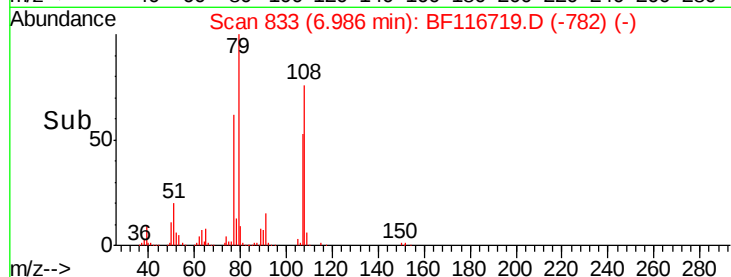
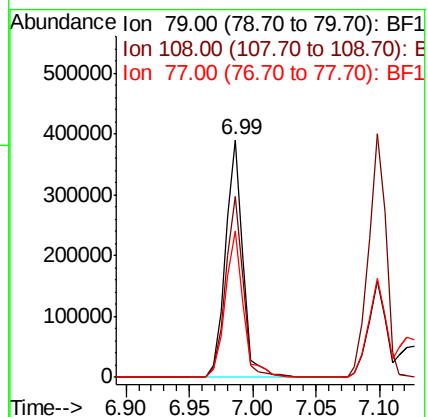
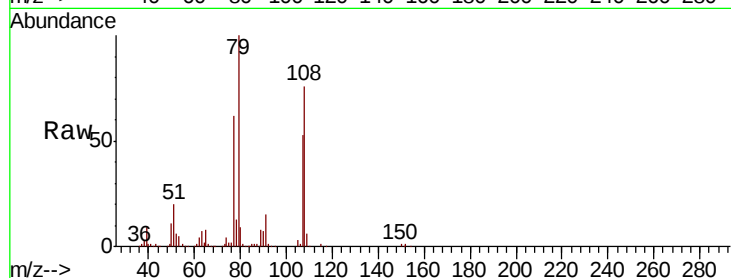
Tot Ion: 79 Resp: 373332

Ion Ratio Lower Upper

79 100

108 76.0 59.2 88.8

77 61.8 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.418 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

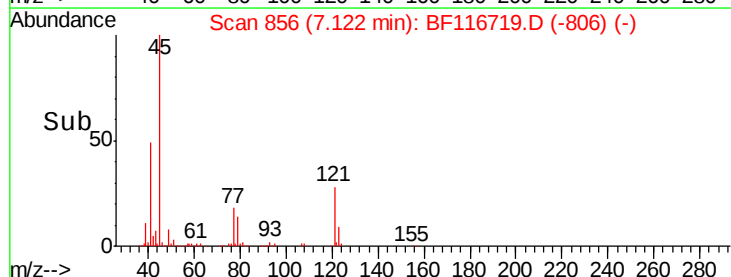
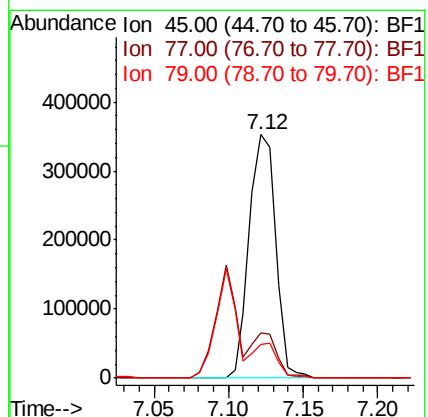
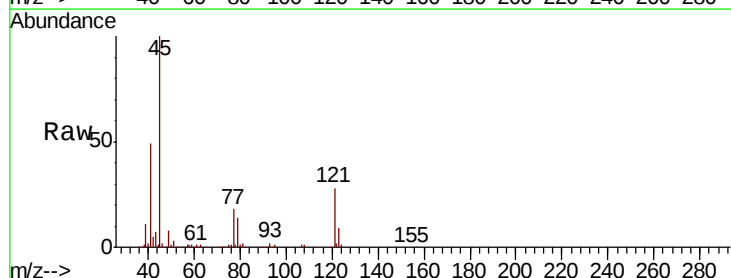
Tgt Ion: 45 Resp: 434418

Ion Ratio Lower Upper

45 100

77 18.5 0.0 38.2

79 14.0 0.0 33.9

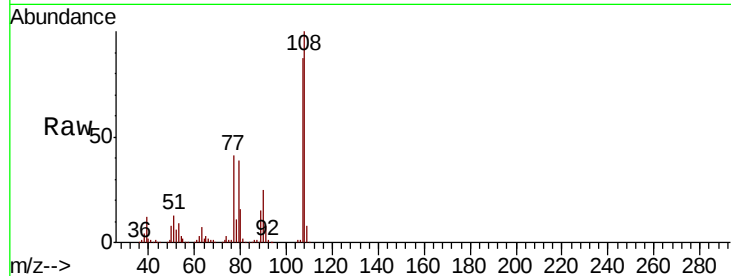




#17  
2-Methylphenol  
Concen: 46.643 ng  
RT: 7.10 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 328179 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.8 | 88.3  | 132.5  |
| 77       | 46.7  | 39.9  | 59.9   |
| 79       | 45.3  | 39.8  | 59.8   |



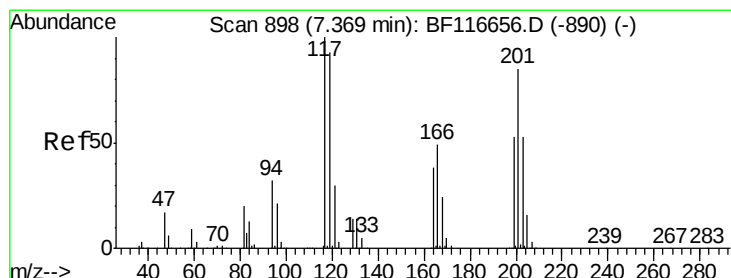
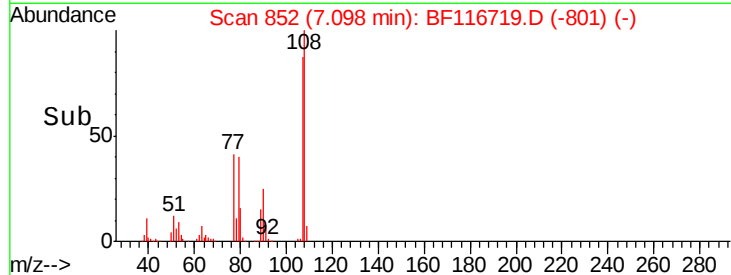
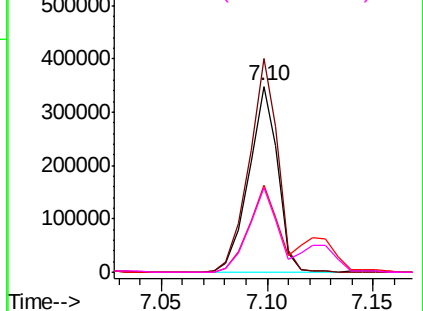
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

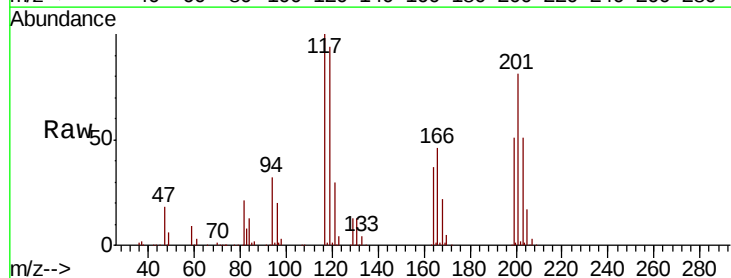
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 43.031 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 151197 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 93.8  | 76.9  | 115.3  |
| 201      | 80.8  | 79.4  | 119.0  |

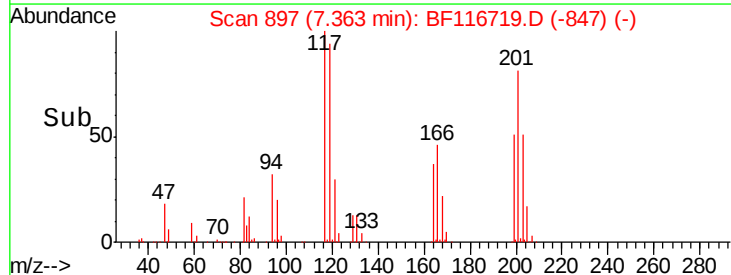
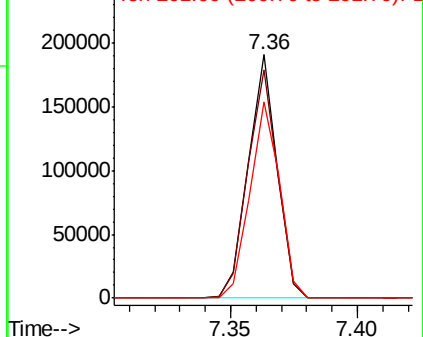


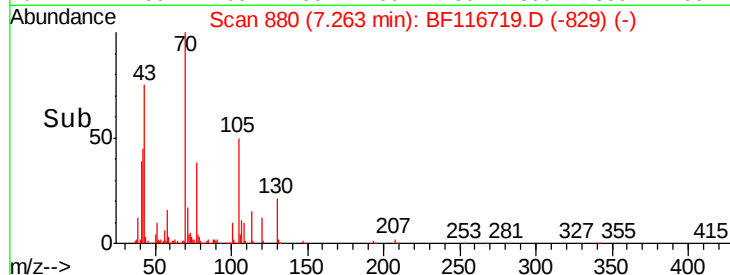
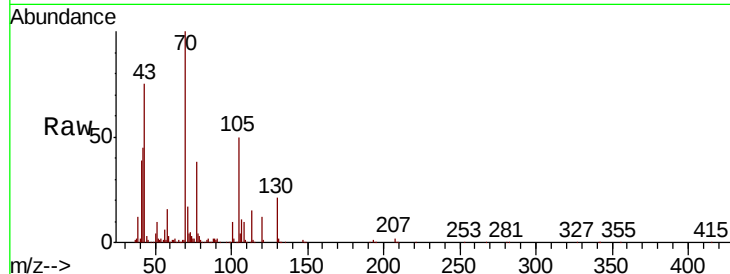
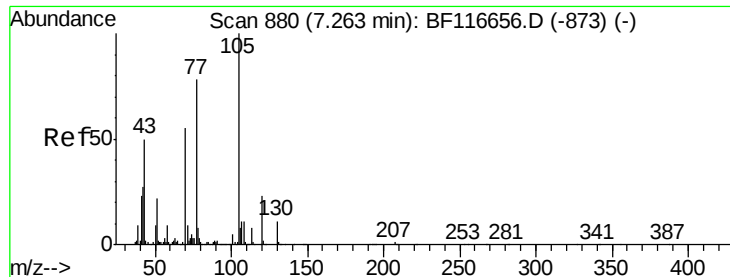
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

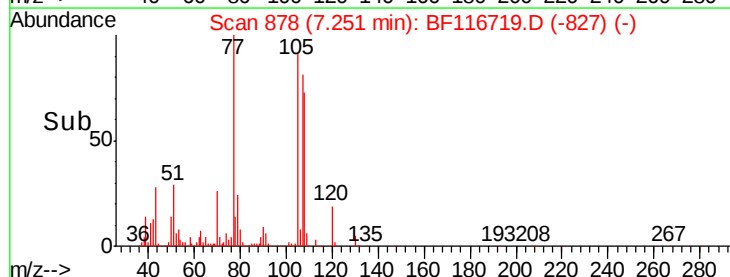
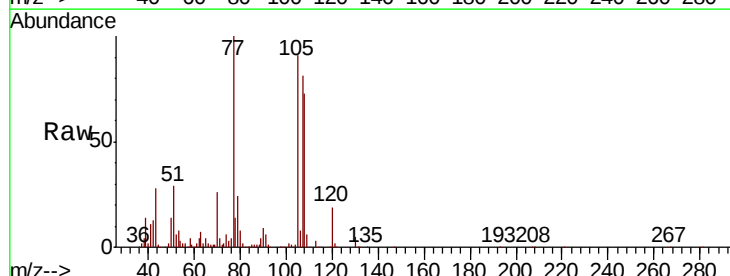
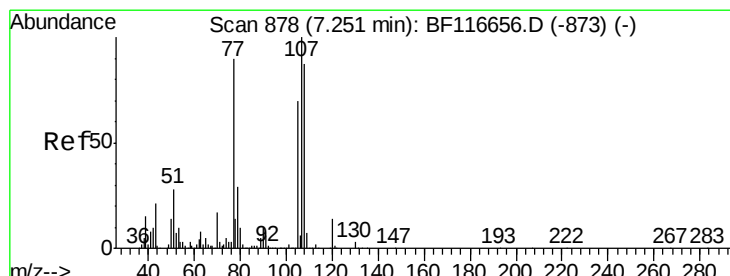
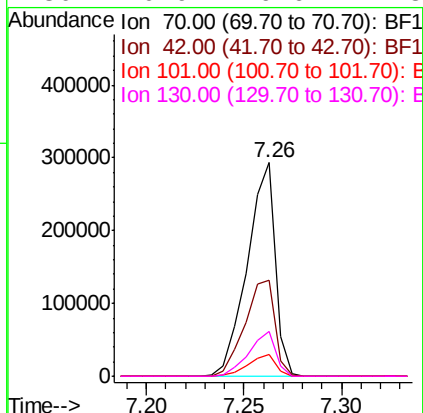




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.741 ng  
RT: 7.26 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

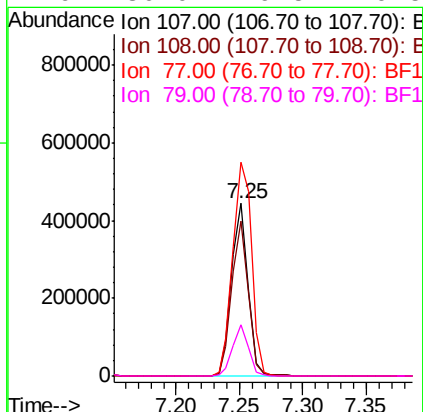
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 291174 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 44.8  | 43.5  | 65.3   |
| 101      | 10.0  | 7.8   | 11.6   |
| 130      | 20.9  | 16.6  | 24.8   |



#20  
3+4-Methylphenols  
Concen: 48.656 ng  
RT: 7.25 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 398044 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.9  | 65.5  | 105.5  |
| 77       | 124.0 | 69.4  | 109.4# |
| 79       | 30.0  | 9.5   | 49.5   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

Tot Ion:136 Resp: 494090

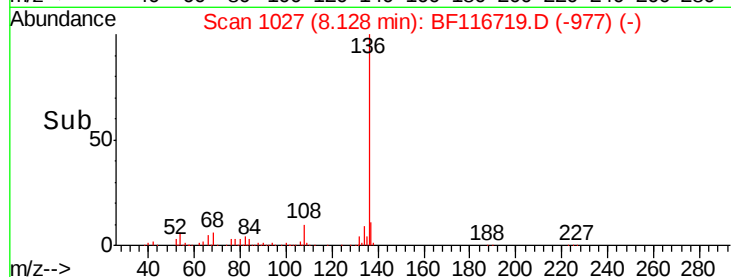
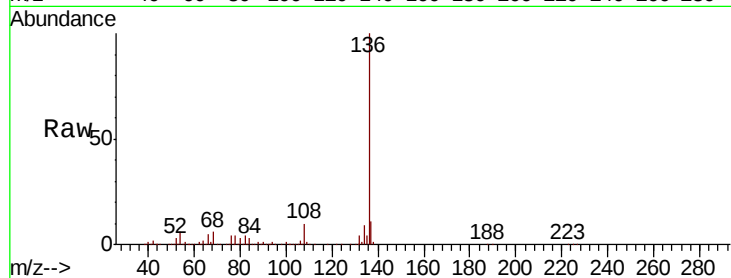
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 4.8 7.2

68 5.9 4.0 6.0



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.13

600000

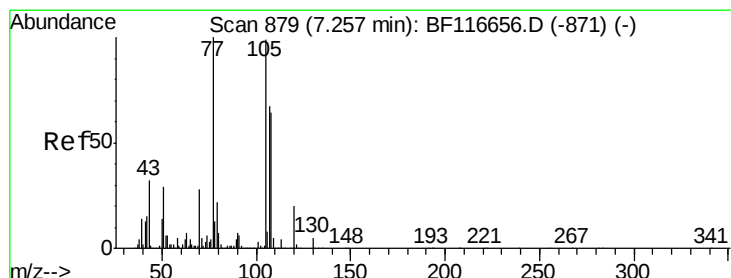
400000

200000

0

8.10 8.15

Time-->



#22

Acetophenone

Concen: 46.213 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:105 Resp: 549718

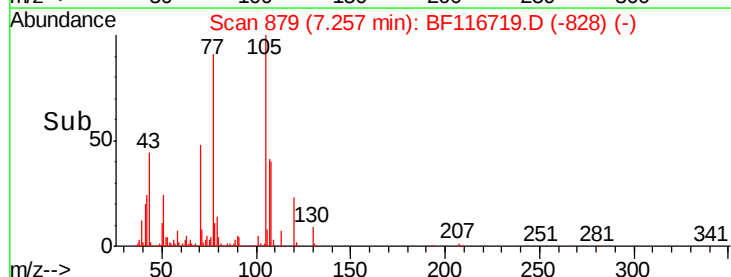
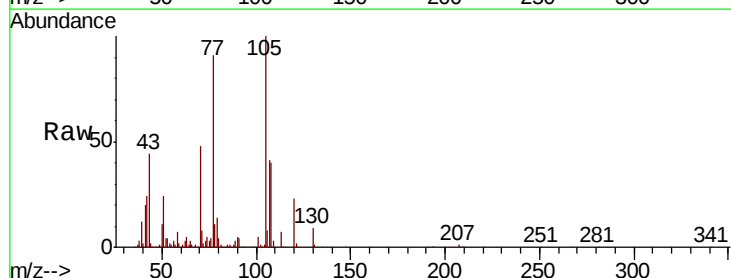
Ion Ratio Lower Upper

105 100

71 8.0 4.2 6.4#

51 24.3 25.8 38.8#

120 22.6 16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

7.26

800000

600000

400000

200000

0

7.20 7.25 7.30

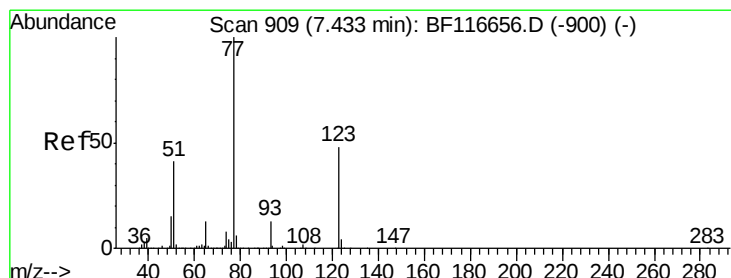
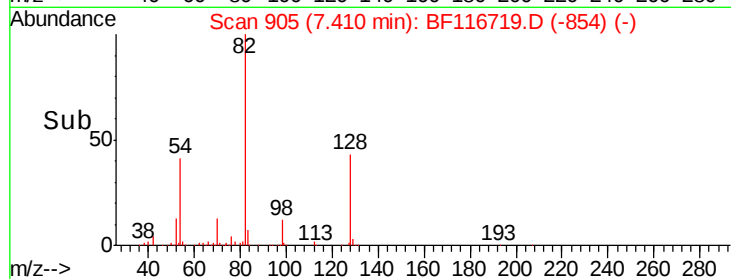
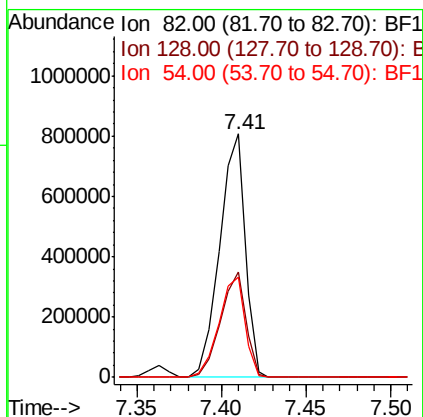
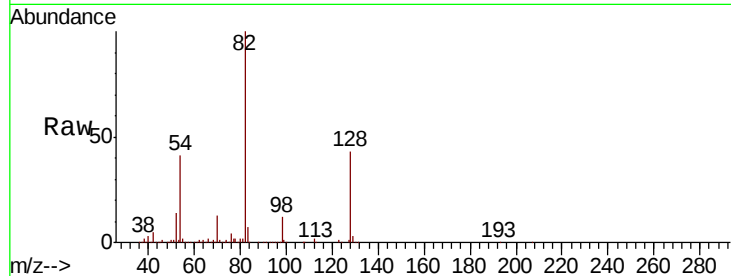
Time-->



#23  
 Nitrobenzene-d5  
 Concen: 98.110 ng  
 RT: 7.41 min Scan# 905  
 Delta R.T. 0.00 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

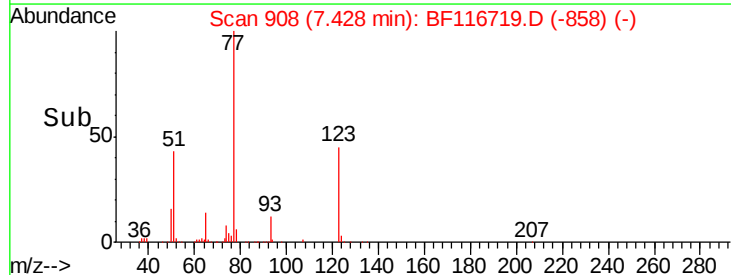
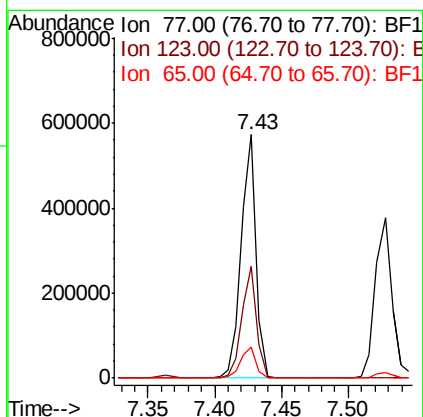
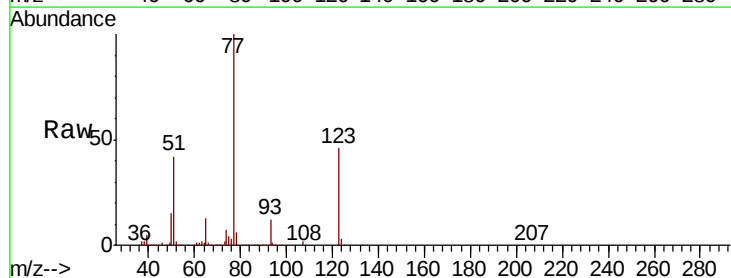
Instrument :  
 BNA\_F  
 ClientSampleId :  
 T2-S-A1-A4MS

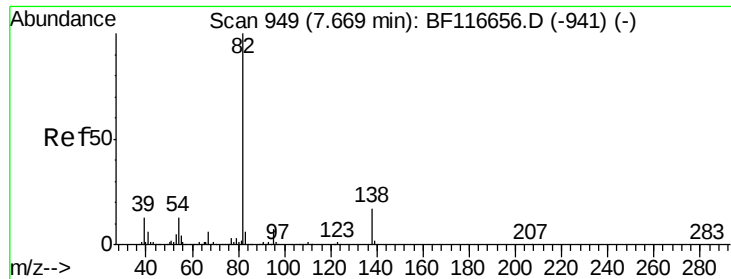
| Tot Ion   | 82    | Resp  | 849139 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.4  | 32.8  | 49.2   |
| 54        | 41.4  | 36.9  | 55.3   |



#24  
 Nitrobenzene  
 Concen: 51.022 ng  
 RT: 7.43 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

| Tgt Ion   | 77    | Resp  | 449123 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 45.9  | 33.1  | 49.7   |
| 65        | 13.1  | 10.6  | 15.8   |

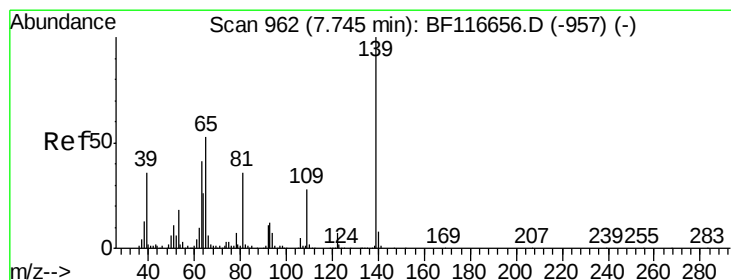
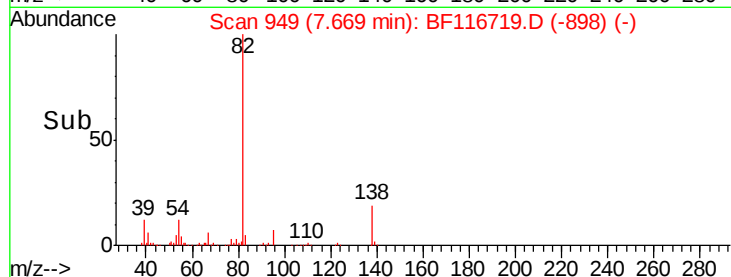
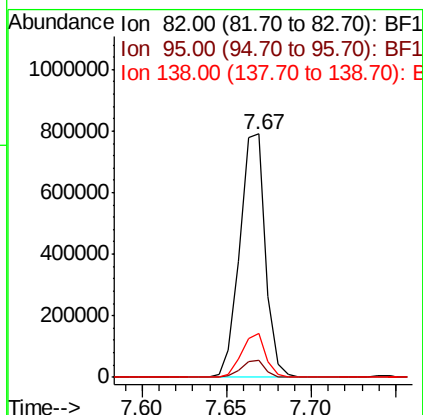
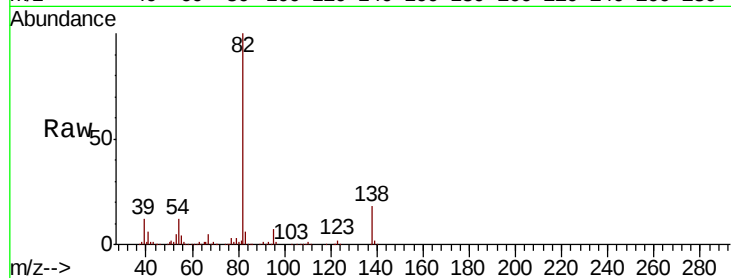




#25  
Isophorone  
Concen: 47.646 ng  
RT: 7.67 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

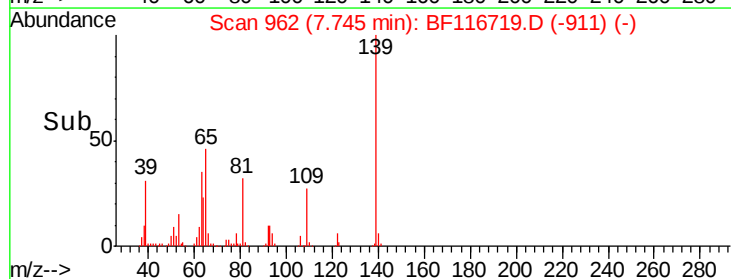
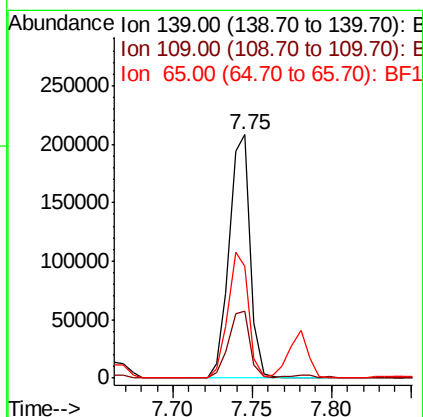
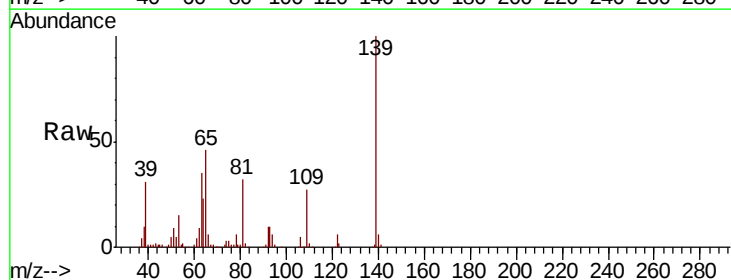
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

| Tot Ion   | 82    | Resp  | 835610 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.8   | 5.8   | 8.6    |
| 138       | 18.2  | 13.5  | 20.3   |



#26  
2-Nitrophenol  
Concen: 58.459 ng  
RT: 7.75 min Scan# 962  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion   | 139   | Resp  | 191314 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 27.3  | 27.1  | 40.7   |
| 65        | 45.7  | 43.0  | 64.6   |

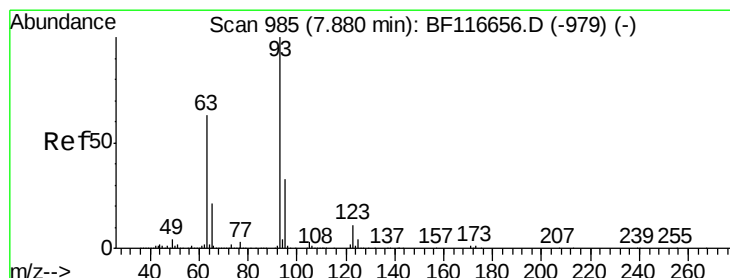
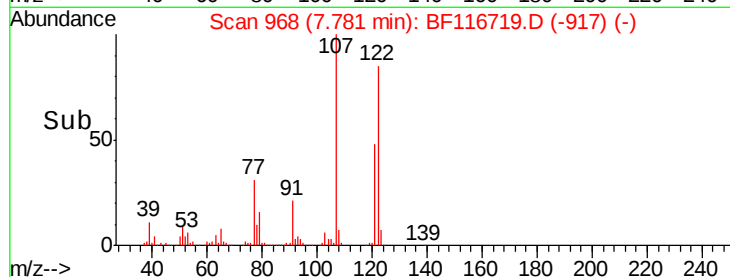
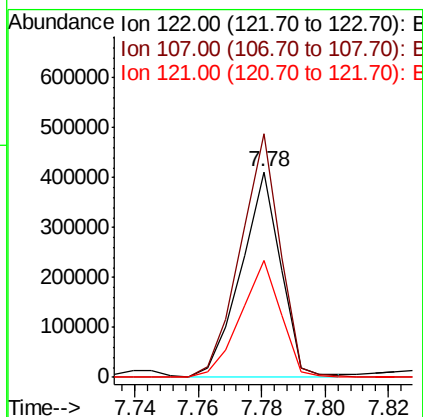
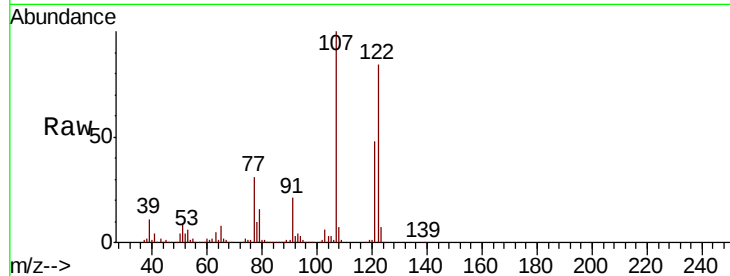




#27  
2,4-Dimethylphenol  
Concen: 54.362 ng  
RT: 7.78 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

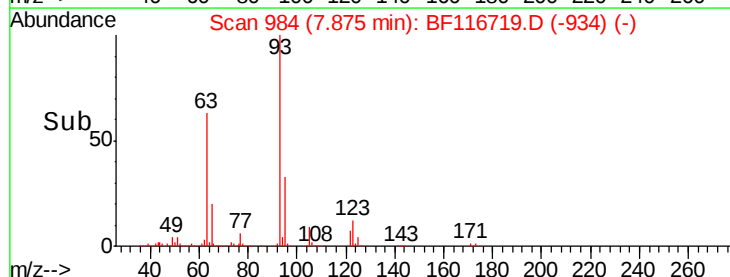
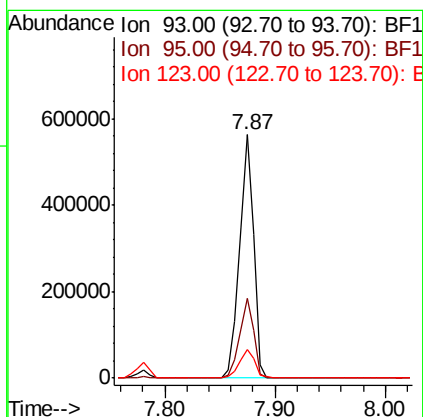
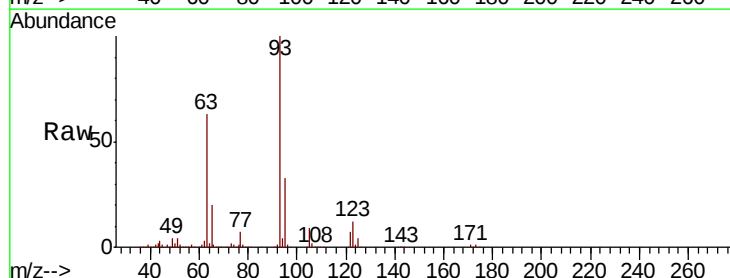
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

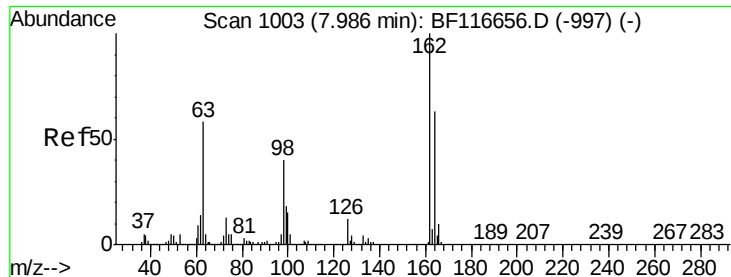
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.4 | 98.1  | 147.1 |
| 121     | 56.9  | 47.3  | 70.9  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 47.316 ng  
RT: 7.87 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 26.4  | 39.6  |
| 123     | 11.7  | 9.8   | 14.8  |

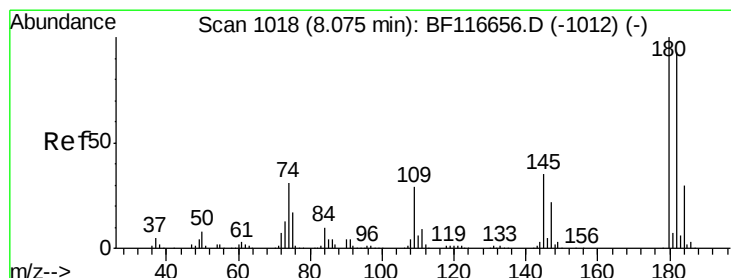
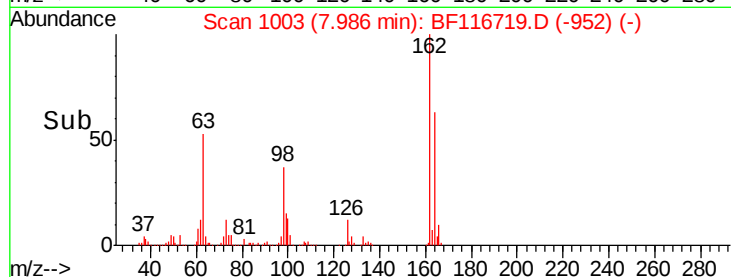
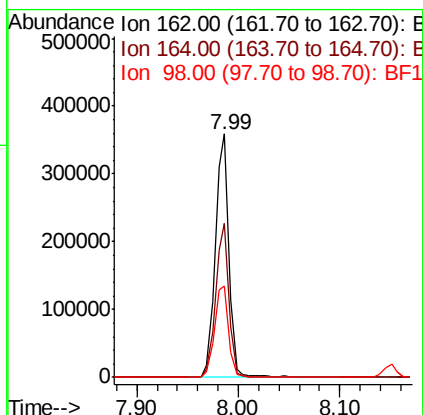
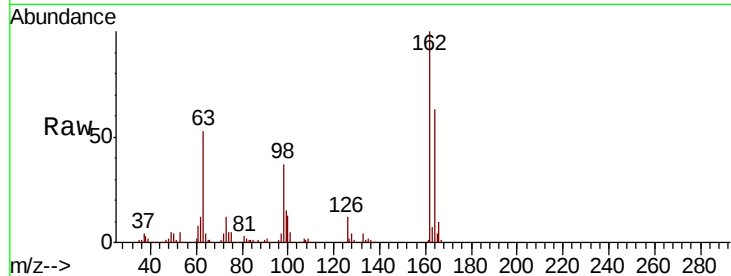




#29  
 2,4-Dichlorophenol  
 Concen: 52.787 ng  
 RT: 7.99 min Scan# 1003  
 Delta R.T. 0.00 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

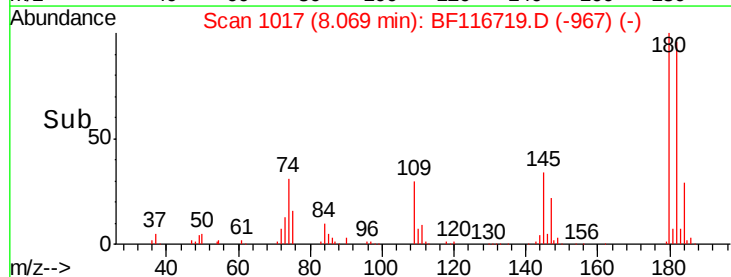
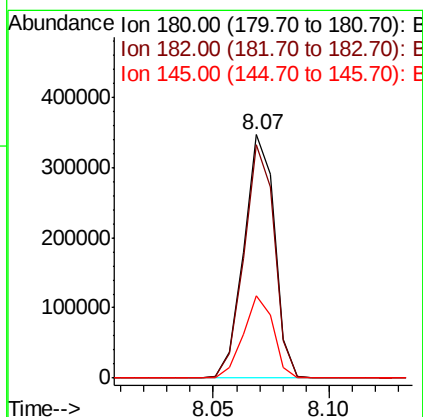
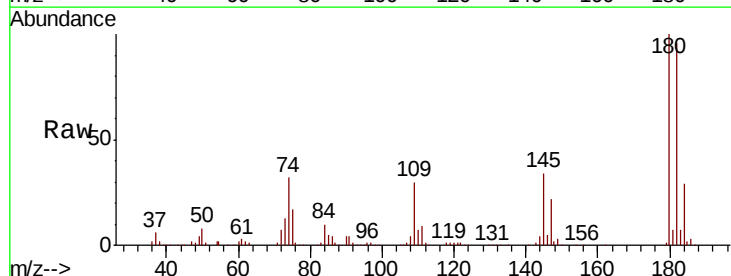
Instrument :  
 BNA\_F  
 ClientSampleId :  
 T2-S-A1-A4MS

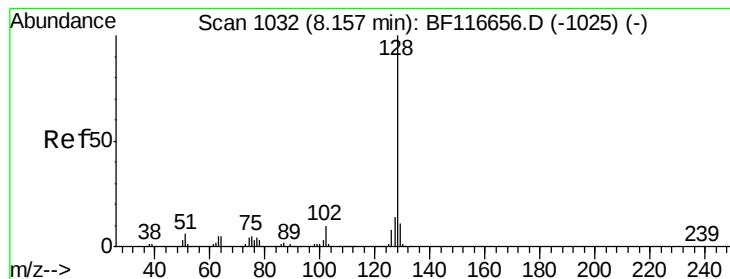
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.4  | 43.4  | 83.4  |
| 98      | 37.4  | 18.1  | 58.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.874 ng  
 RT: 8.07 min Scan# 1017  
 Delta R.T. -0.01 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 78.6  | 118.0 |
| 145     | 33.7  | 25.7  | 38.5  |





#31

Naphthalene

Concen: 48.614 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

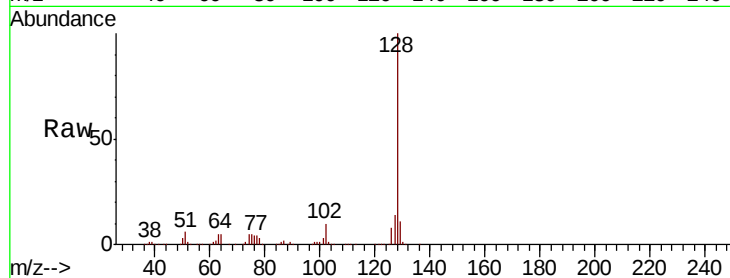
Tot Ion:128 Resp: 1142151

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

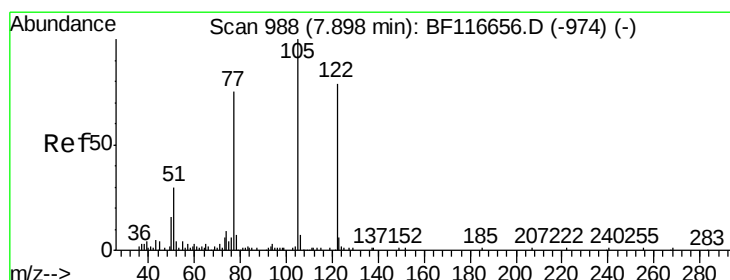
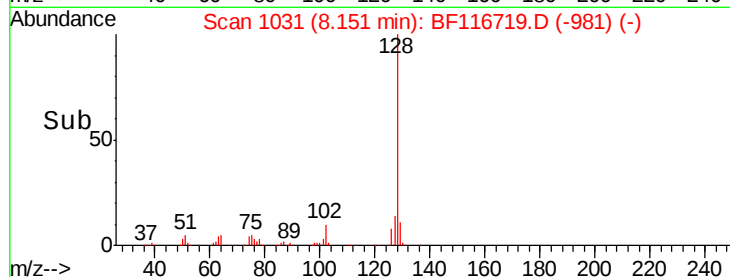
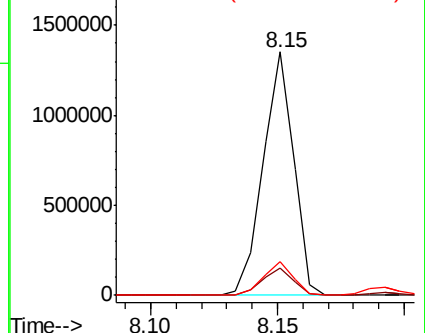
127 13.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.613 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

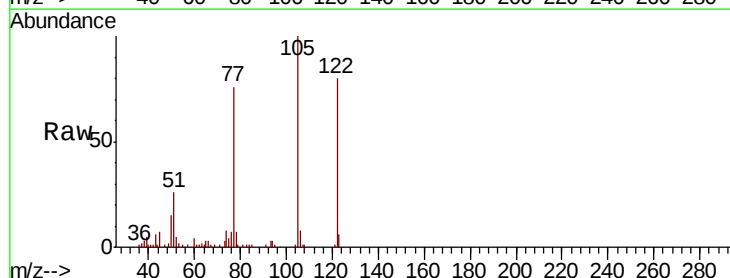
Tgt Ion:122 Resp: 151564

Ion Ratio Lower Upper

122 100

105 125.2 110.0 150.0

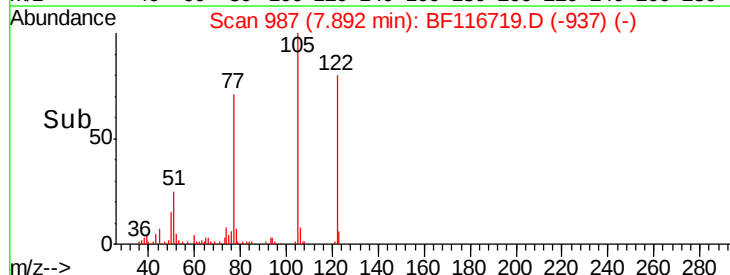
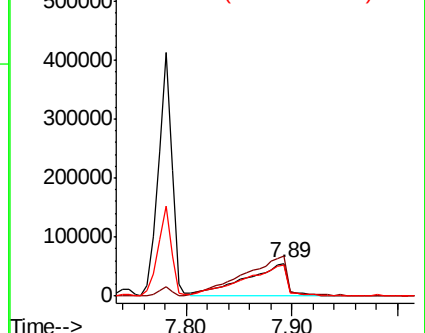
77 94.7 81.7 121.7

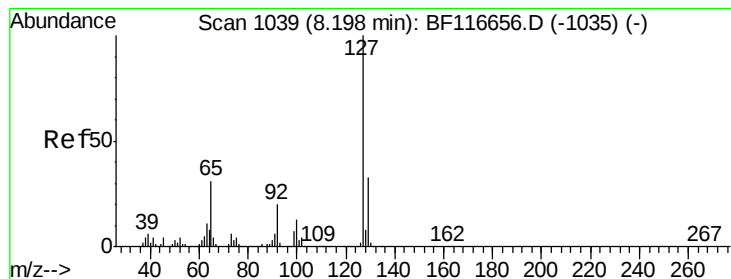


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

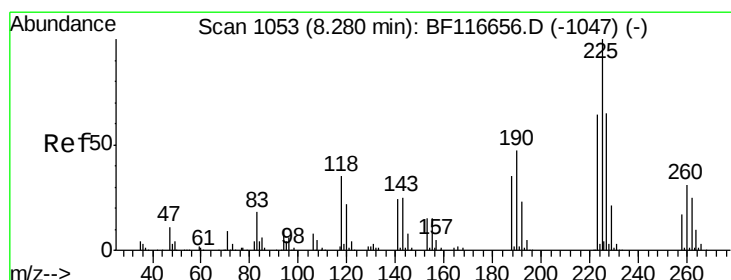
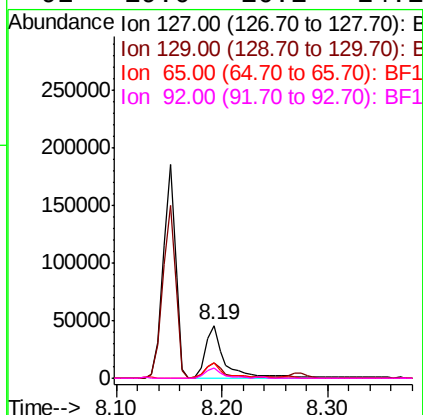
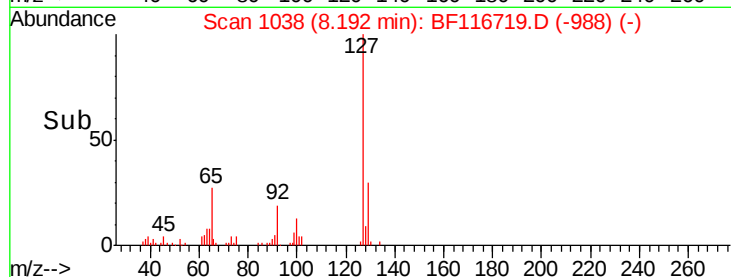
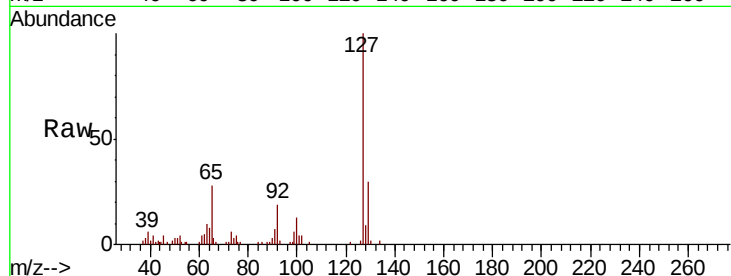




#33  
4-Chloroaniline  
Concen: 5.458 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

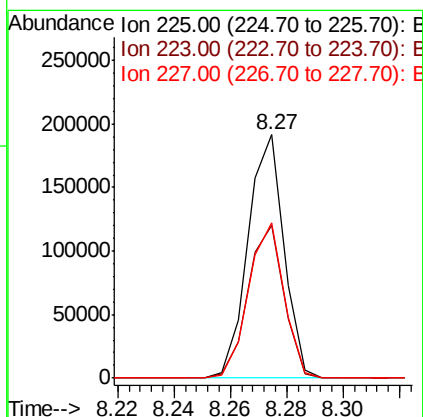
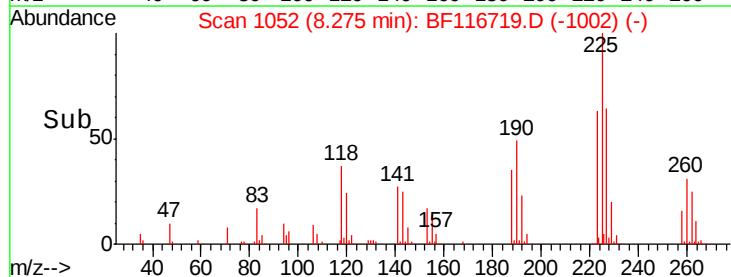
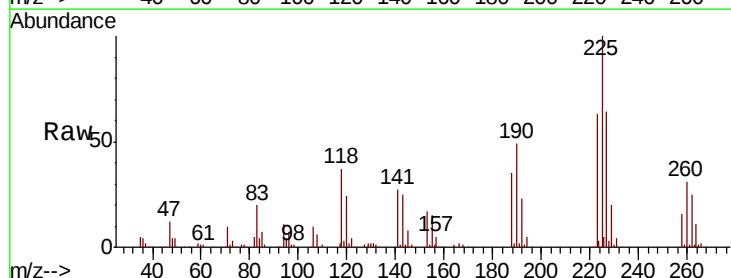
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 58371     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 30.2  | 26.2 39.2 |
| 65          | 28.2  | 26.0 39.0 |
| 92          | 19.0  | 16.1 24.1 |



#34  
Hexachlorobutadiene  
Concen: 44.907 ng  
RT: 8.27 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 168687    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.8  | 49.4 74.2 |
| 227         | 63.9  | 51.0 76.4 |





#35

Caprolactam

Concen: 27.543 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

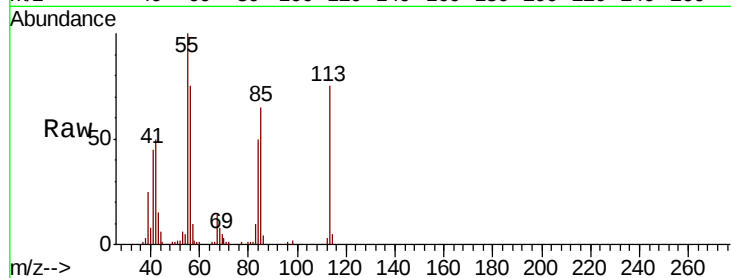
Tot Ion:113 Resp: 65473

Ion Ratio Lower Upper

113 100

55 133.8 124.3 164.3

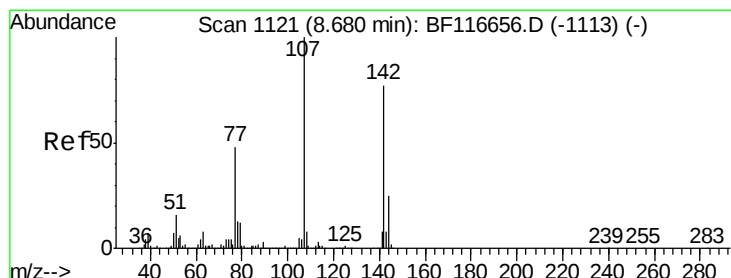
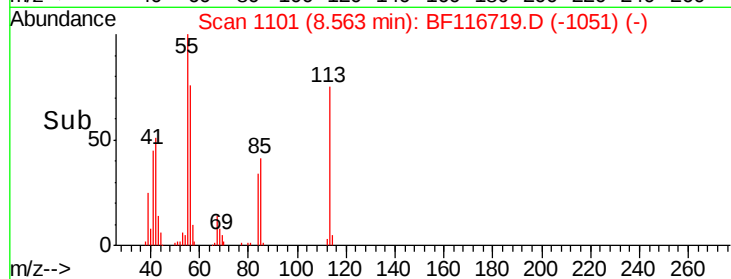
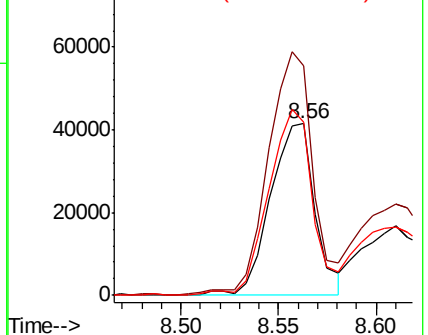
56 100.9 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 54.850 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

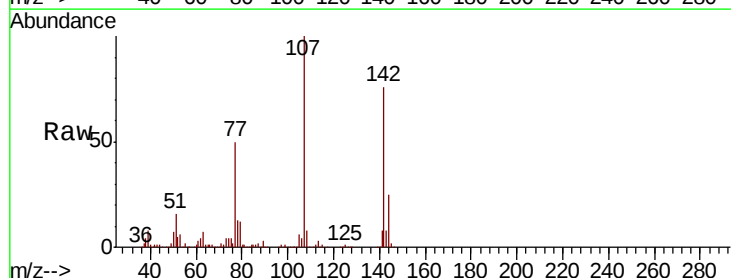
Tgt Ion:107 Resp: 400421

Ion Ratio Lower Upper

107 100

144 25.0 18.6 27.8

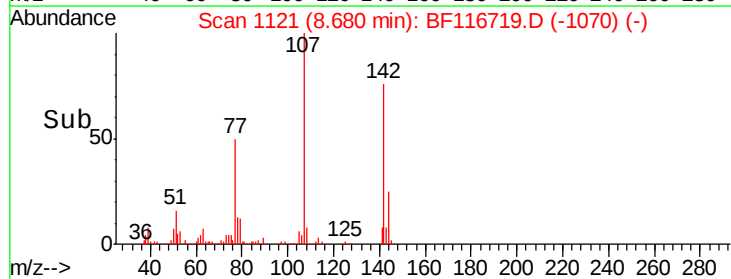
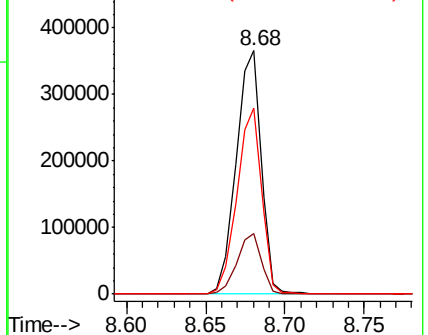
142 76.2 58.5 87.7

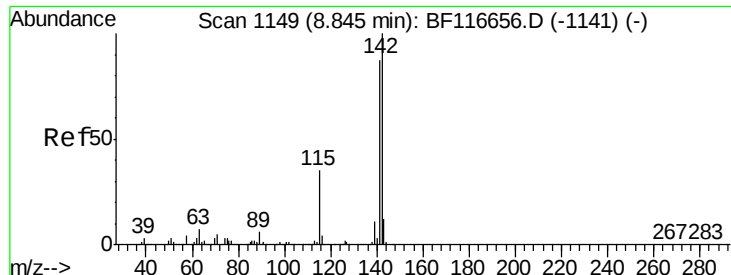


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

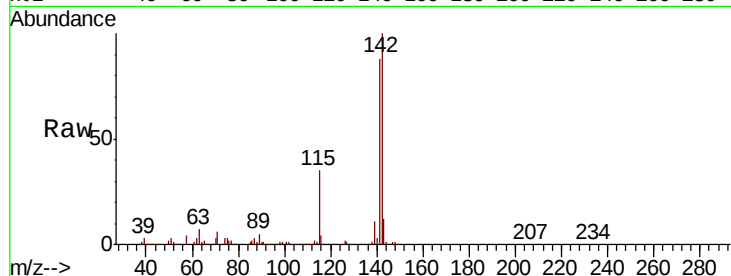




#37  
2-Methylnaphthalene  
Concen: 50.813 ng  
RT: 8.84 min Scan# 1148  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 72.6  | 109.0 |
| 115     | 35.3  | 29.8  | 44.6  |

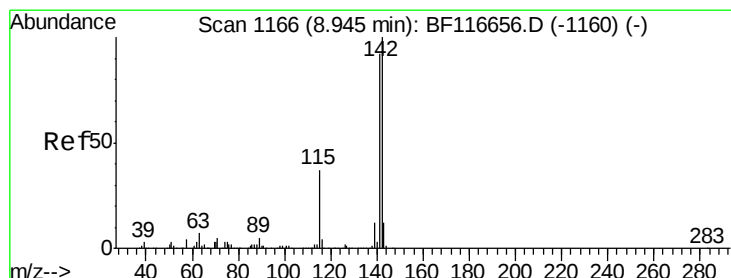
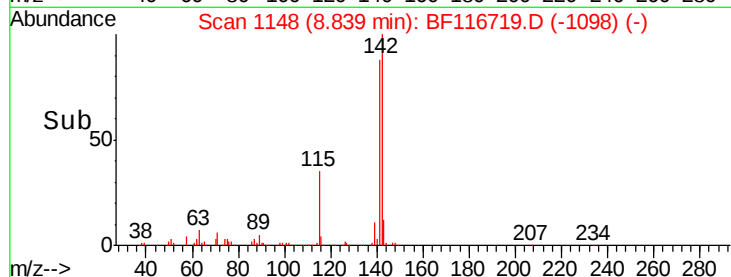
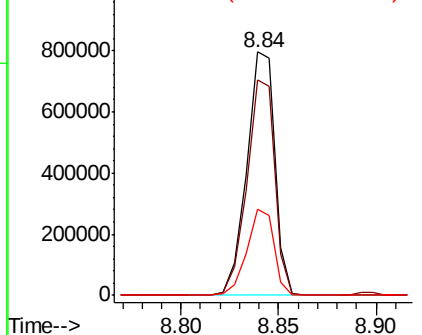


Abundance

Ion 142.00 (141.70 to 142.70): E

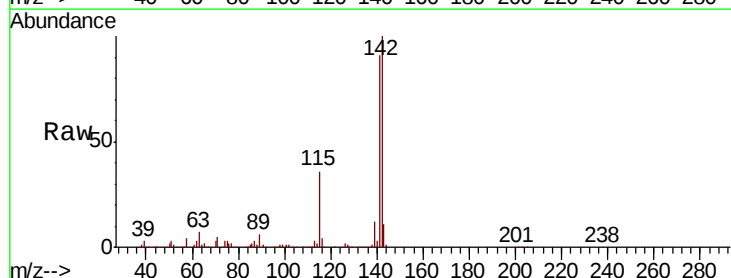
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 50.997 ng  
RT: 8.94 min Scan# 1165  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 73.9  | 110.9 |
| 116     | 3.9   | 3.0   | 4.6   |

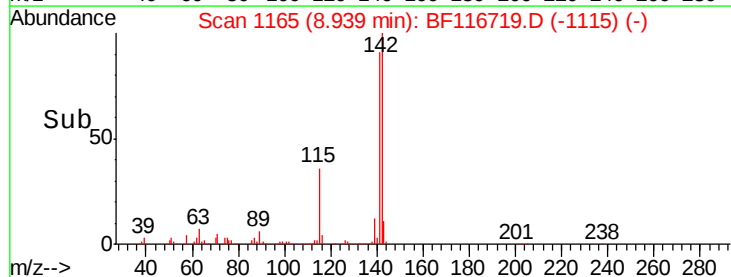
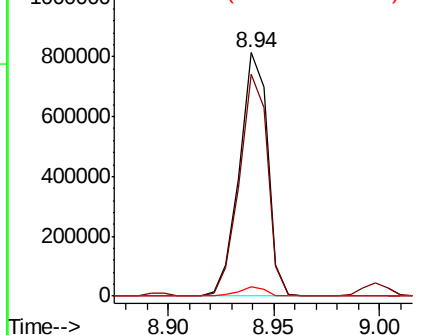


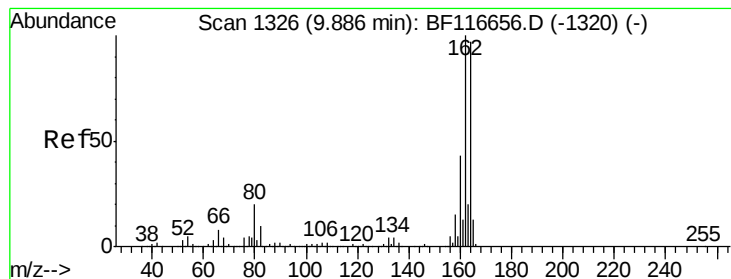
Abundance

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

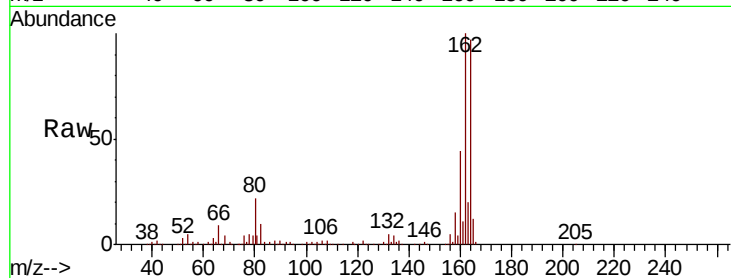
Tot Ion:164 Resp: 265490

Ion Ratio Lower Upper

164 100

162 102.7 81.4 122.0

160 44.8 35.4 53.2

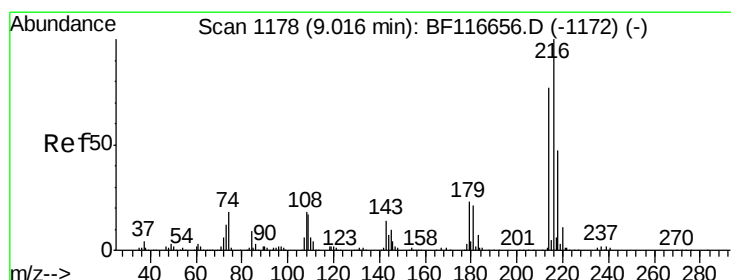
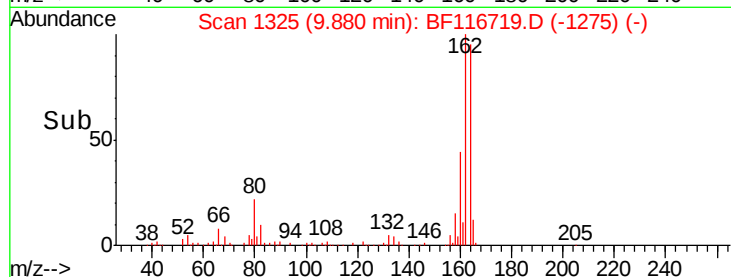
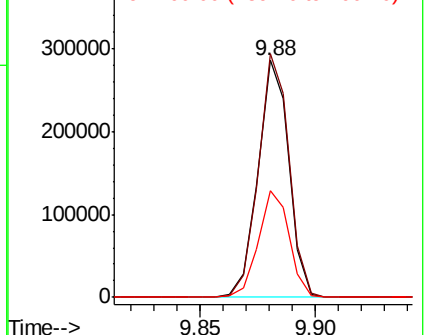


Abundance

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: 46.614 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Tgt Ion:216 Resp: 296667

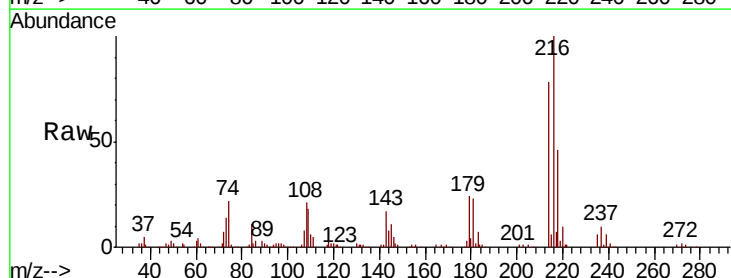
Ion Ratio Lower Upper

216 100

214 78.7 62.7 94.1

179 23.5 19.3 28.9

108 24.1 16.6 25.0



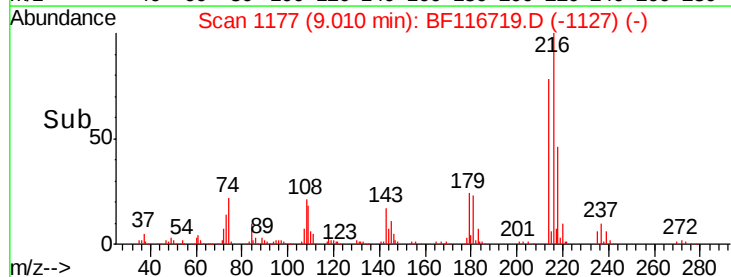
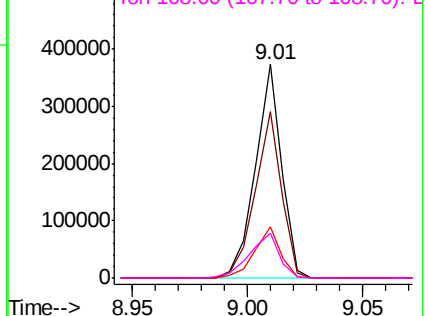
Abundance

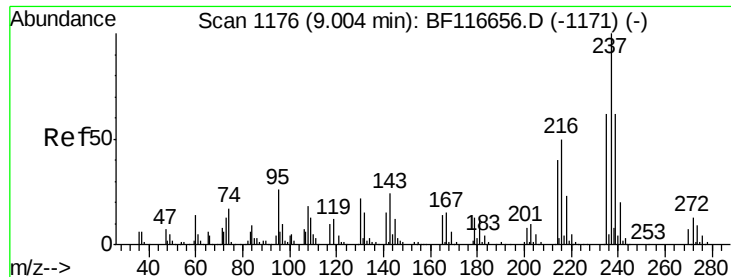
Ion 216.00 (215.70 to 216.70): E

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: 67.260 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

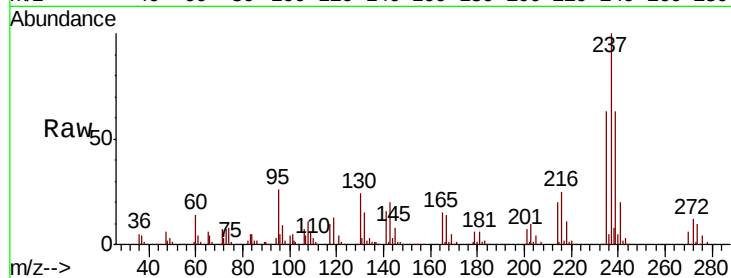
Tot Ion:237 Resp: 247191

Ion Ratio Lower Upper

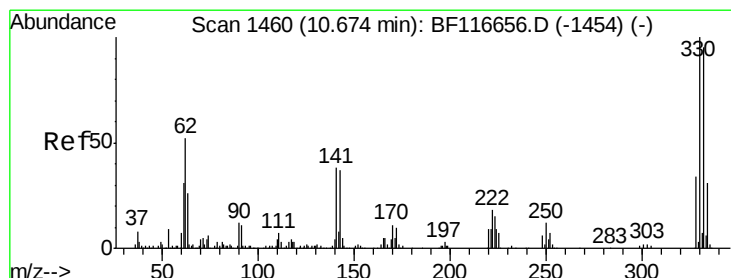
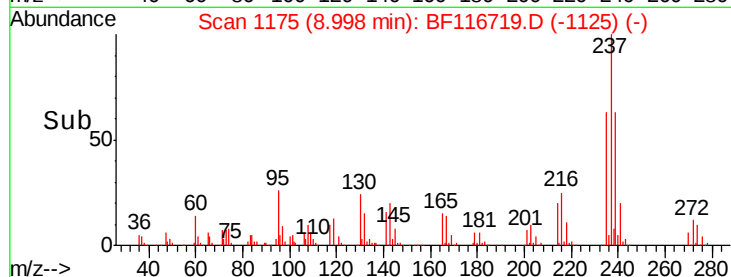
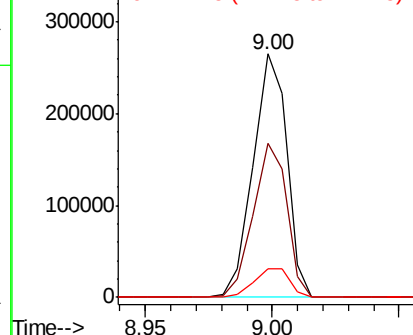
237 100

235 63.2 41.4 81.4

272 11.6 0.0 32.8



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



#42

2,4,6-Tribromophenol

Concen: 161.856 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

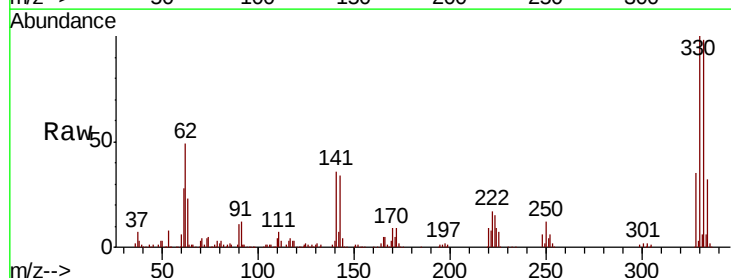
Tgt Ion:330 Resp: 287271

Ion Ratio Lower Upper

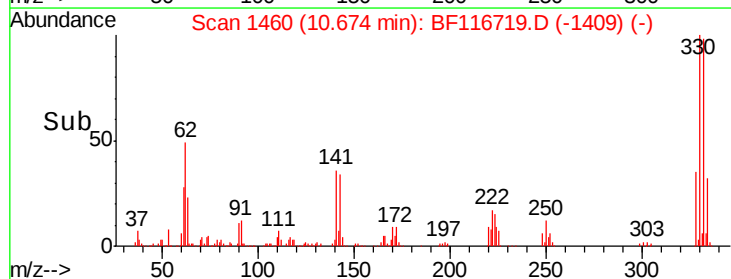
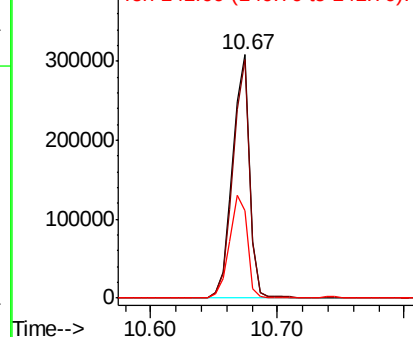
330 100

332 96.0 76.9 115.3

141 44.6 31.4 47.2



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

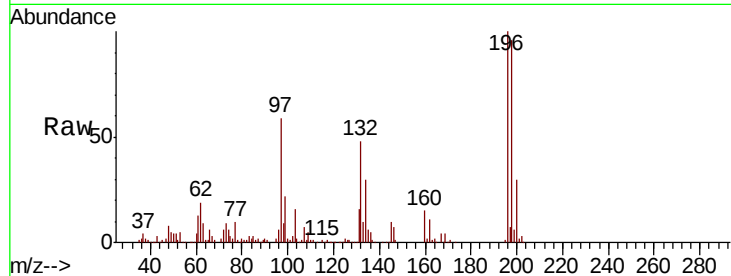




#43  
2,4,6-Trichlorophenol  
Concen: 50.407 ng  
RT: 9.12 min Scan# 1196  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.5  | 79.1  | 118.7 |
| 200     | 29.6  | 24.0  | 36.0  |

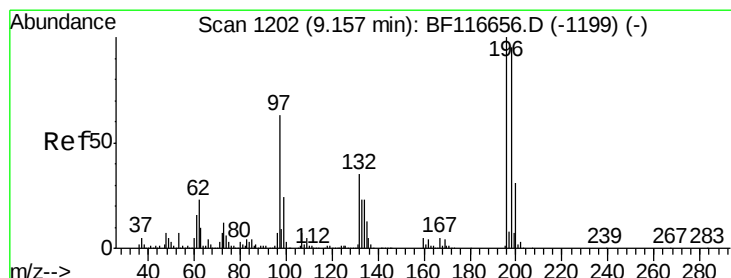
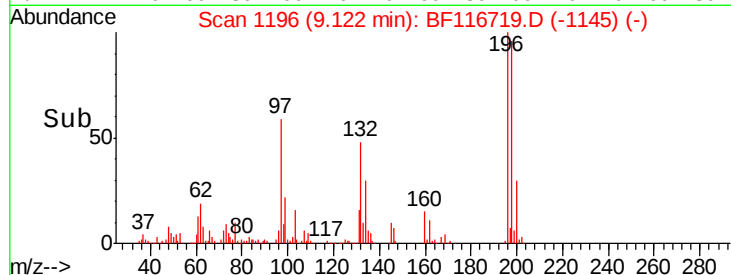
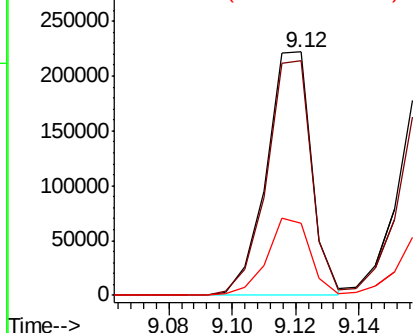


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
2,4,5-Trichlorophenol  
Concen: 55.092 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.4  | 78.1  | 117.1 |
| 97      | 58.2  | 41.6  | 62.4  |
| 132     | 33.8  | 23.5  | 35.3  |

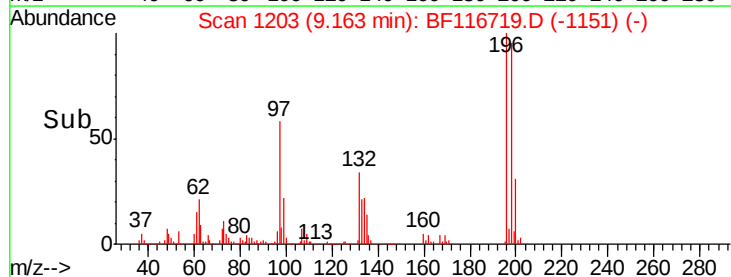
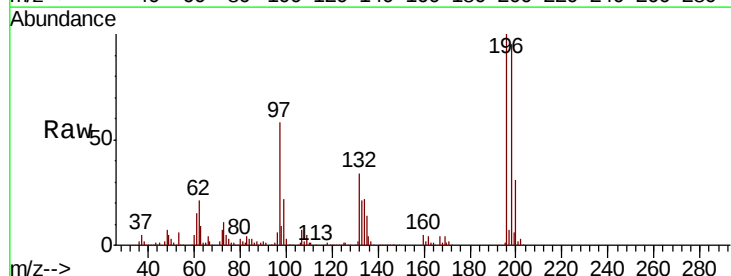
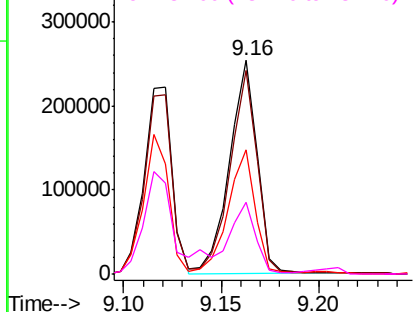
Abundance

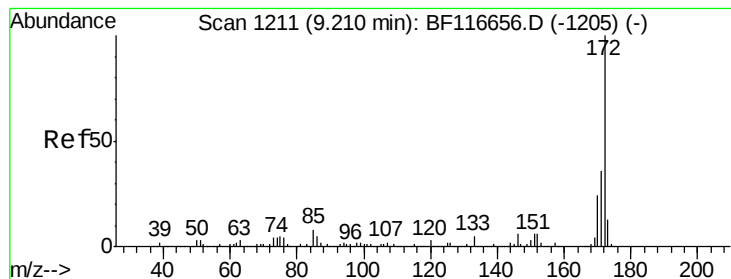
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 92.168 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

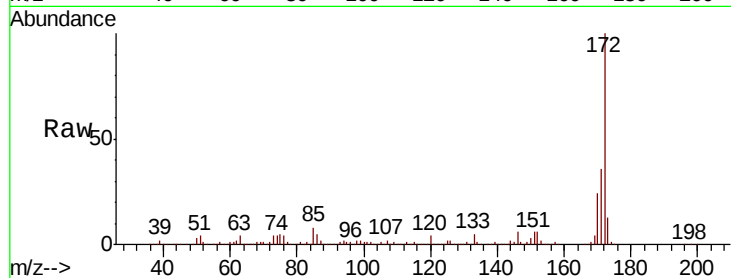
Tot Ion:172 Resp: 1450571

Ion Ratio Lower Upper

172 100

171 35.8 27.8 41.6

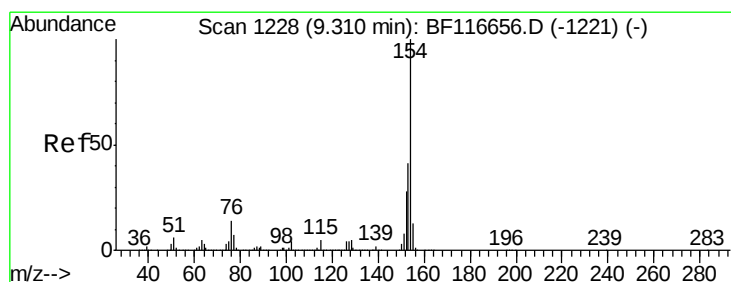
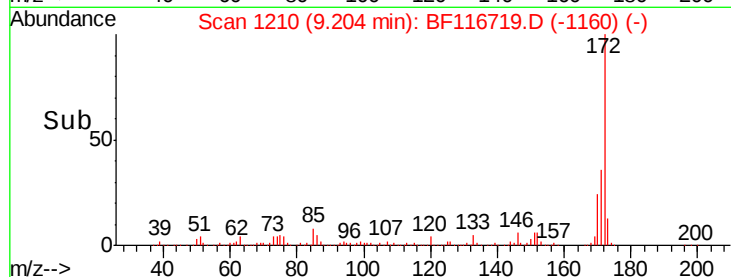
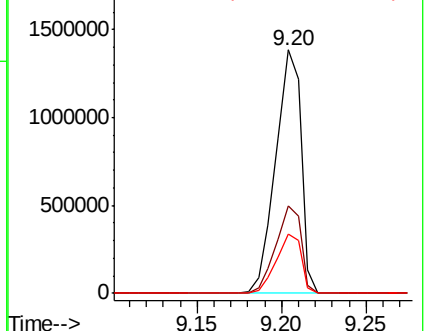
170 24.4 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.821 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

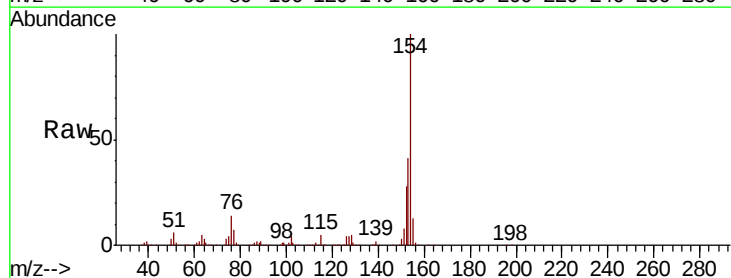
Tgt Ion:154 Resp: 963395

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

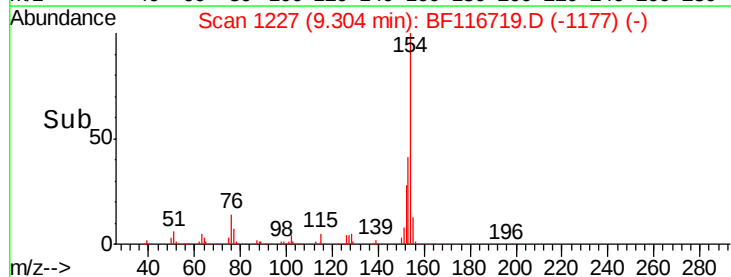
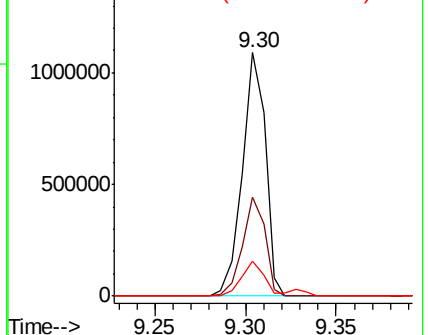
76 14.3 0.0 30.9

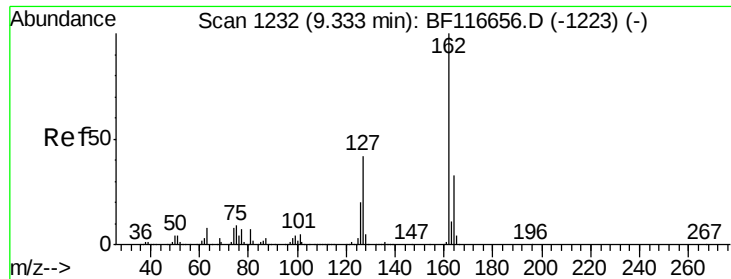


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 47.003 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

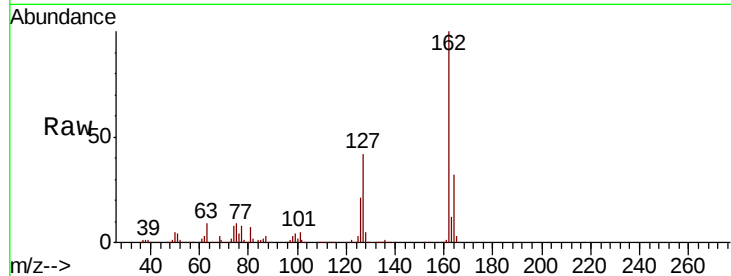
Tot Ion:162 Resp: 749989

Ion Ratio Lower Upper

162 100

127 42.5 33.4 50.2

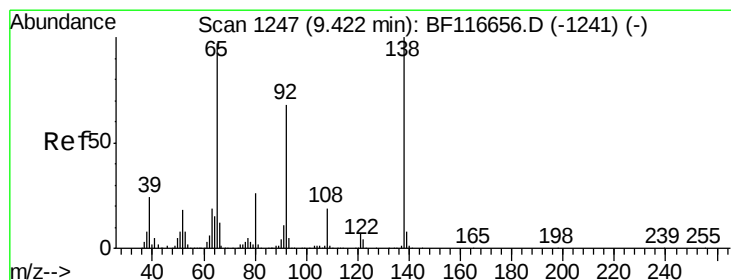
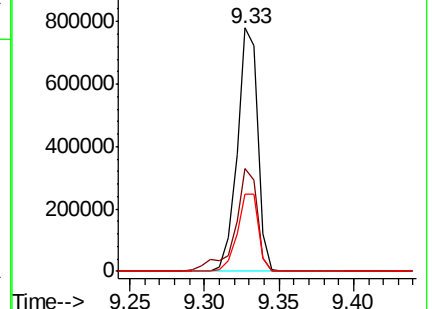
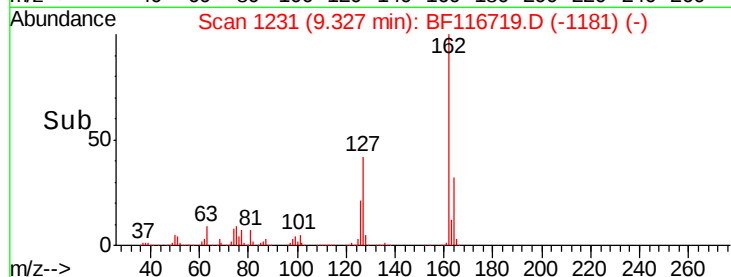
164 31.8 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 55.147 ng

RT: 9.42 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

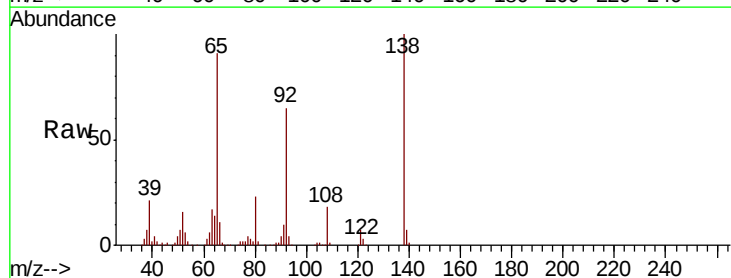
Tgt Ion: 65 Resp: 254389

Ion Ratio Lower Upper

65 100

92 71.5 57.1 85.7

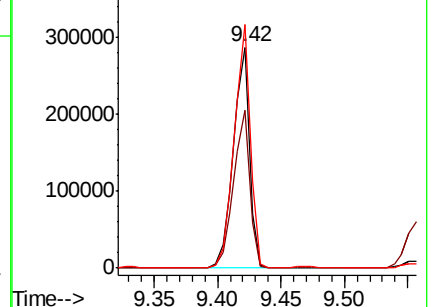
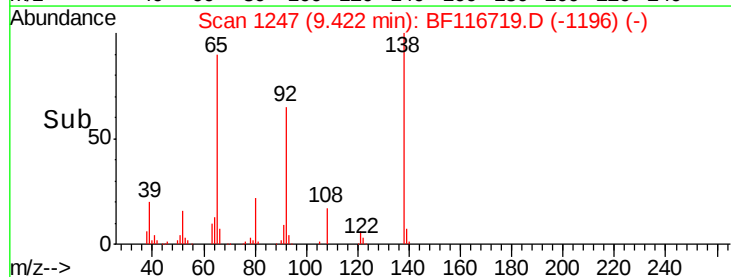
138 110.1 88.2 132.2



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.247 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

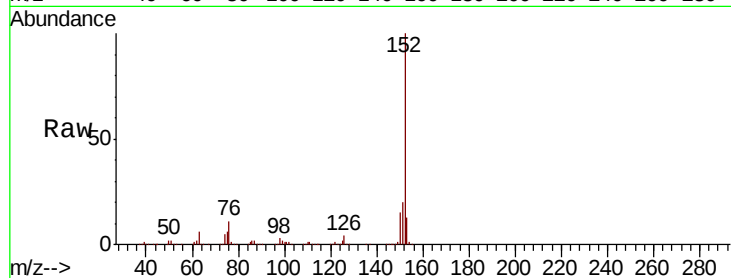
Tot Ion:152 Resp: 1211949

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

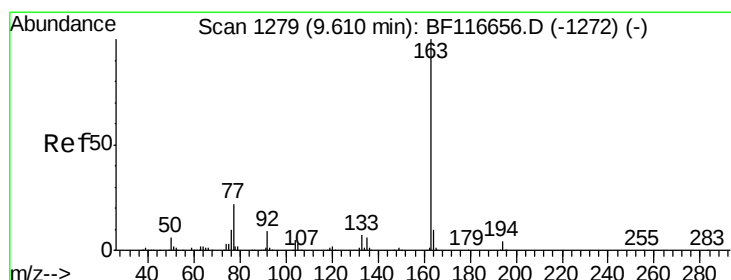
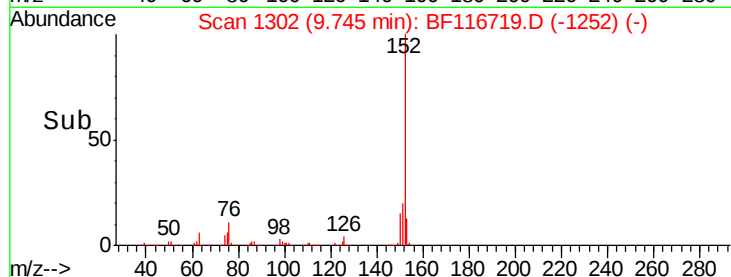
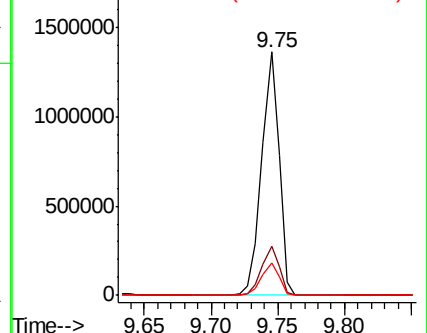
153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.772 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

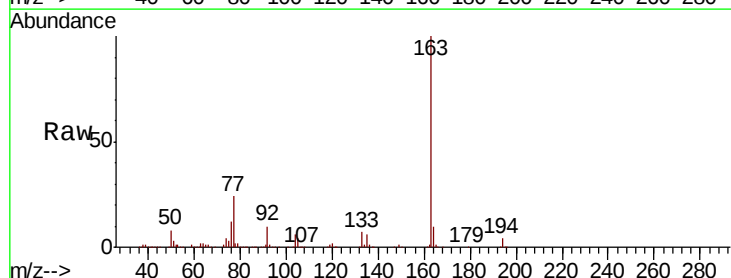
Tgt Ion:163 Resp: 912281

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

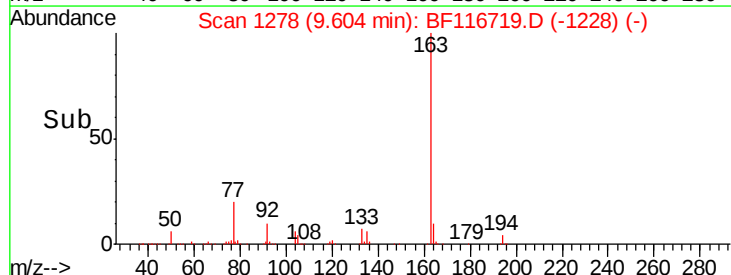
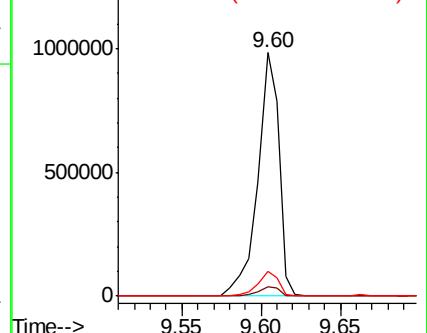
164 10.0 8.6 12.8

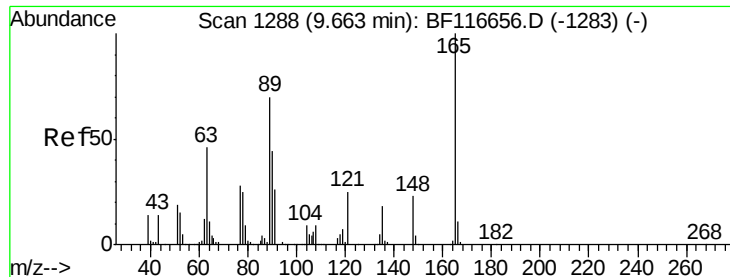


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

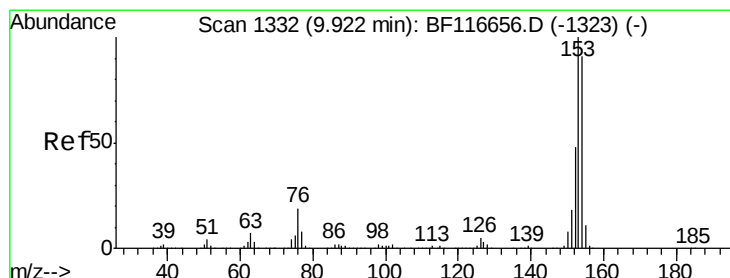
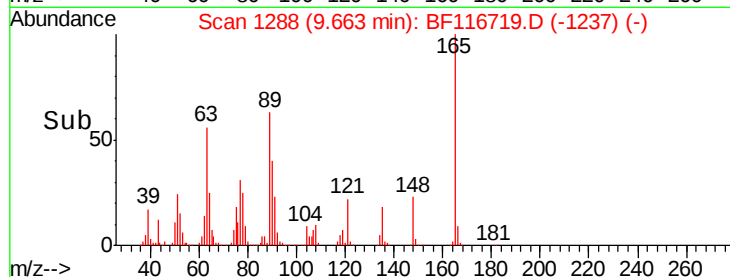
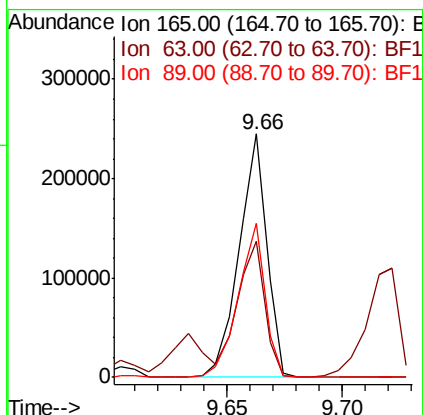
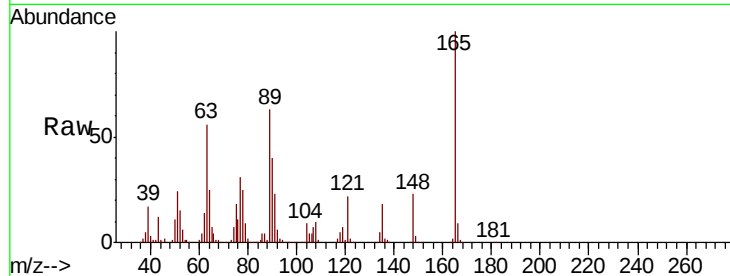




#51  
2,6-Dinitrotoluene  
Concen: 58.910 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

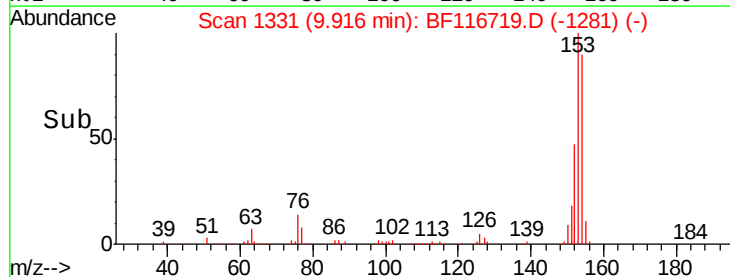
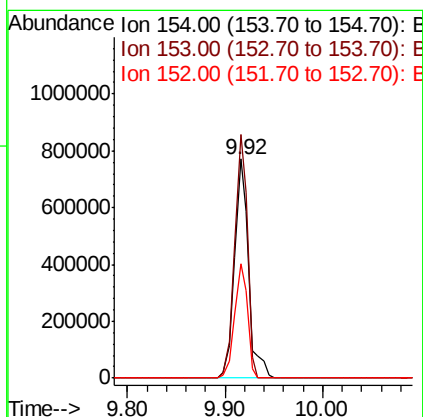
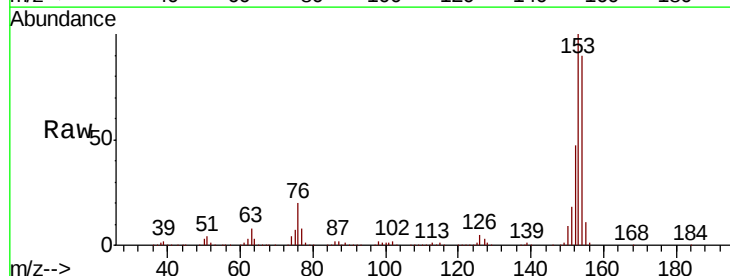
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

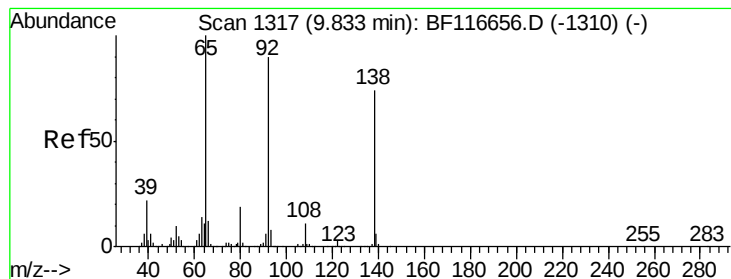
Tot Ion:165 Resp: 206014  
Ion Ratio Lower Upper  
165 100  
63 56.0 47.3 70.9  
89 63.1 52.5 78.7



#52  
Acenaphthene  
Concen: 51.710 ng  
RT: 9.92 min Scan# 1331  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Tgt Ion:154 Resp: 766345  
Ion Ratio Lower Upper  
154 100  
153 111.1 89.5 134.3  
152 52.5 41.9 62.9





#53

3-Nitroaniline

Concen: 24.823 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

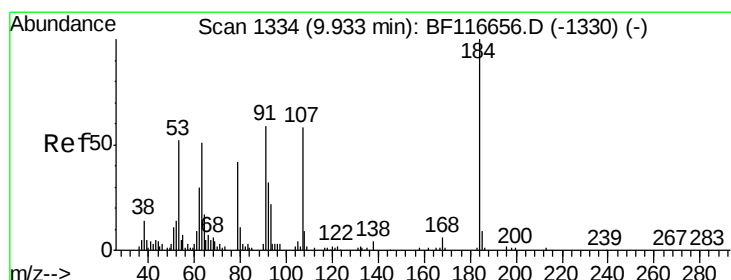
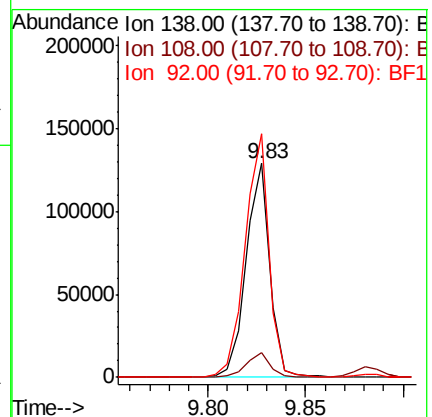
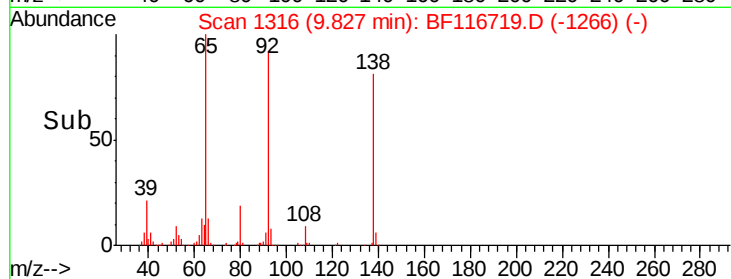
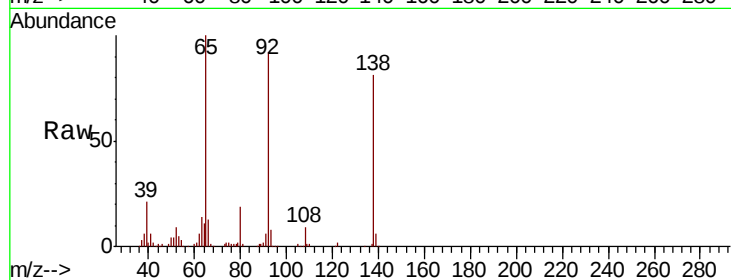
Tot Ion:138 Resp: 108789

Ion Ratio Lower Upper

138 100

108 11.5 8.5 12.7

92 113.9 87.2 130.8



#54

2,4-Dinitrophenol

Concen: 83.406 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

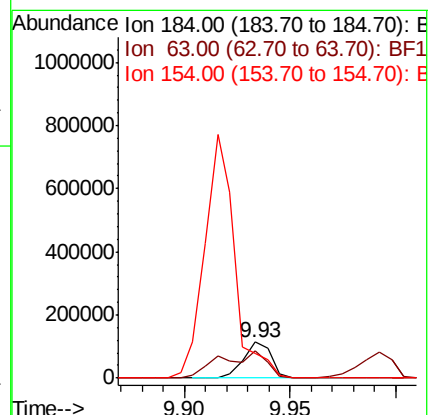
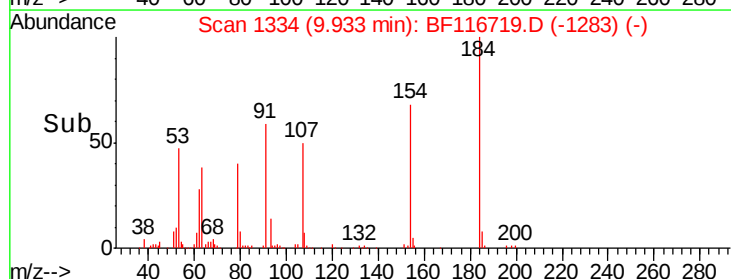
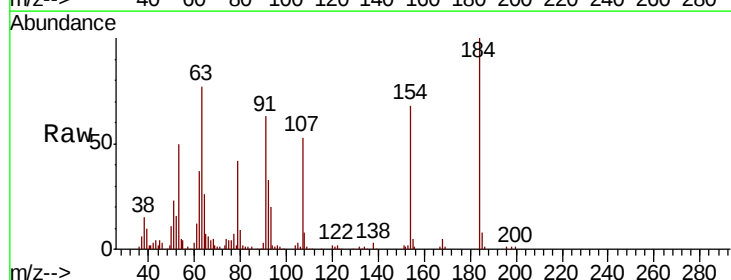
Tgt Ion:184 Resp: 104035

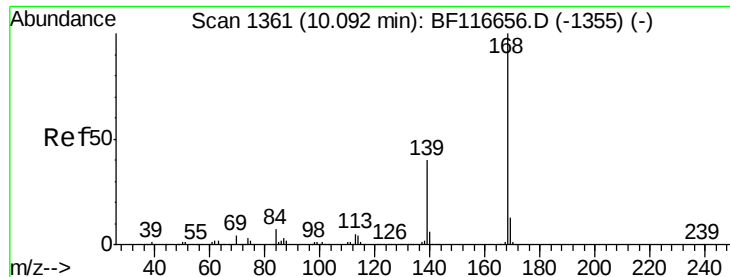
Ion Ratio Lower Upper

184 100

63 77.2 52.2 78.2

154 67.6 60.8 91.2

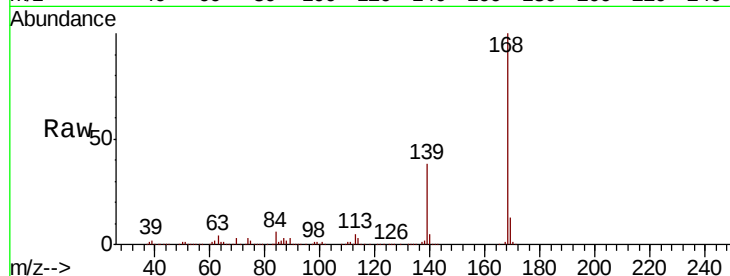




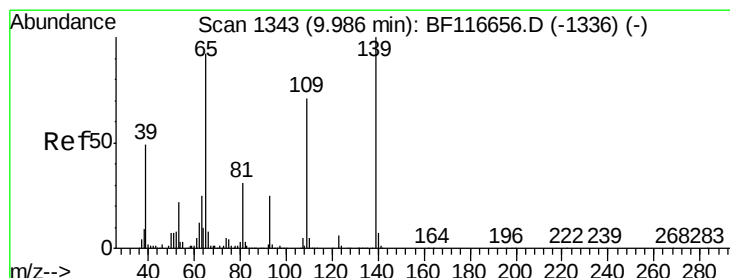
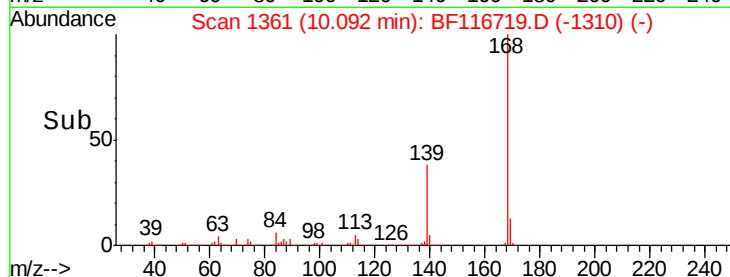
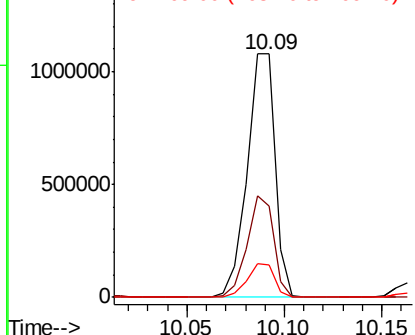
#55  
Dibenzofuran  
Concen: 51.258 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

Tot Ion:168 Resp: 1070891  
Ion Ratio Lower Upper  
168 100  
139 37.7 31.5 47.3  
169 13.2 10.3 15.5

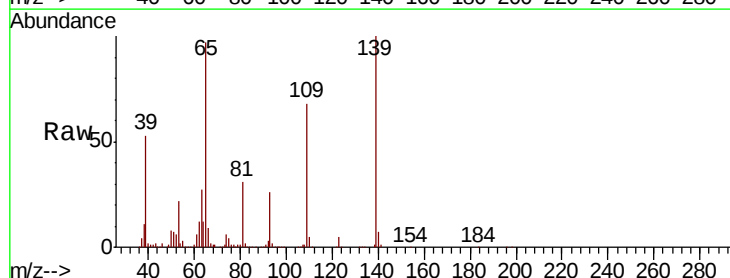


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

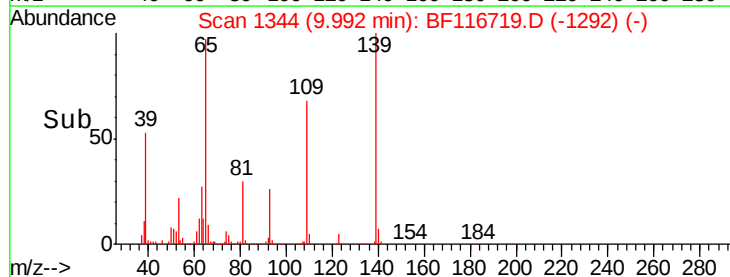
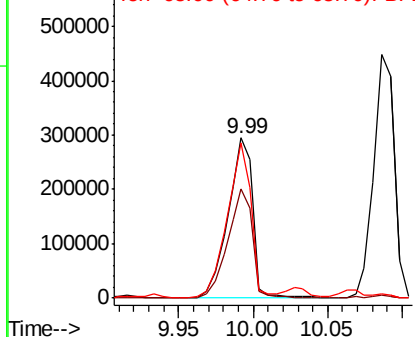


#56  
4-Nitrophenol  
Concen: 114.593 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Tgt Ion:139 Resp: 344355  
Ion Ratio Lower Upper  
139 100  
109 67.9 61.7 101.7  
65 97.0 89.1 129.1



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

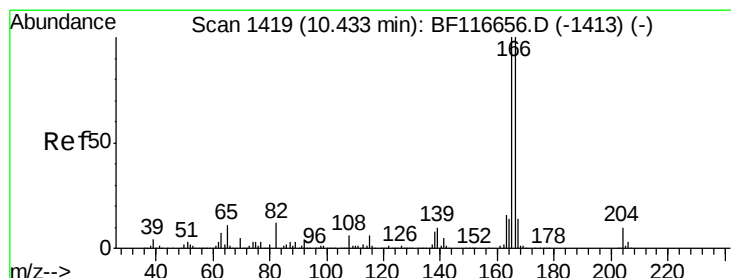
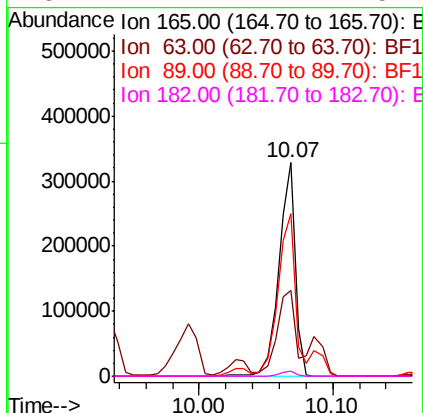
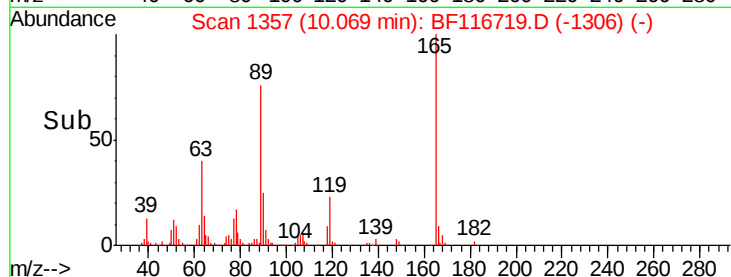
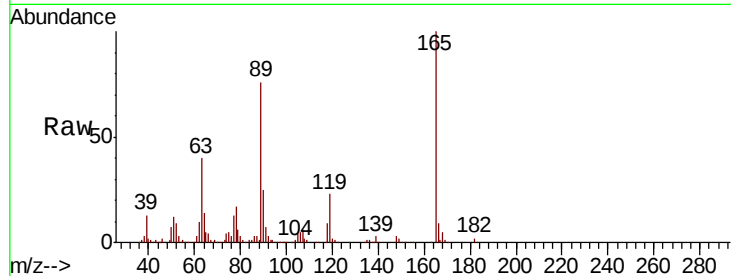




#57  
2,4-Dinitrotoluene  
Concen: 66.515 ng  
RT: 10.07 min Scan# 1357  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

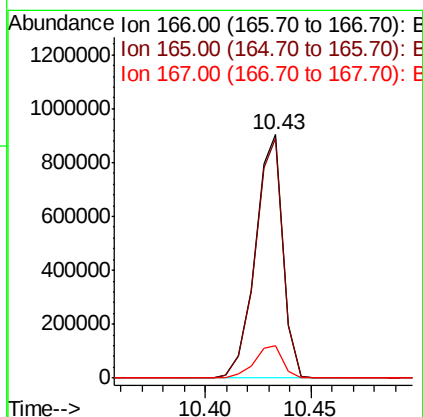
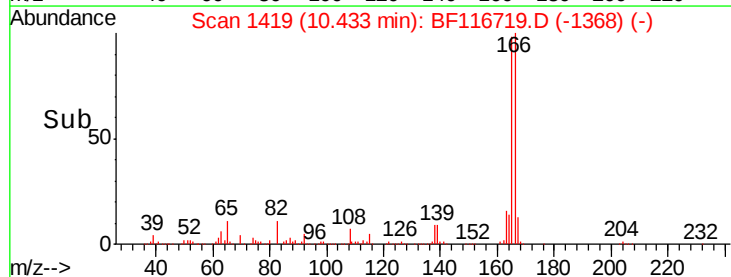
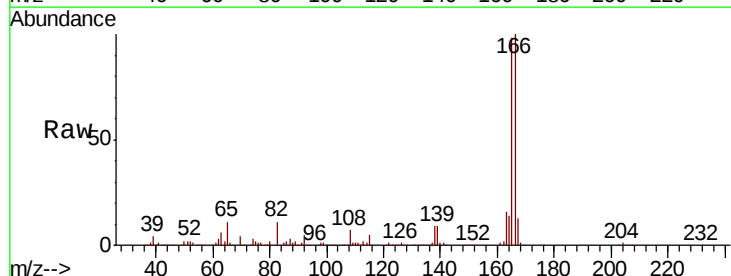
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.2  | 36.4  | 54.6  |
| 89      | 75.9  | 62.6  | 94.0  |
| 182     | 2.4   | 2.1   | 3.1   |



#58  
Fluorene  
Concen: 51.546 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 78.8  | 118.2 |
| 167     | 13.2  | 10.0  | 15.0  |

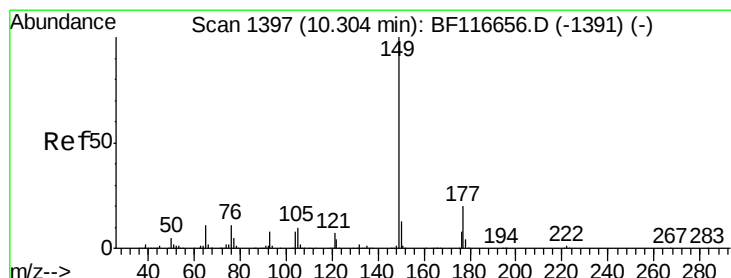
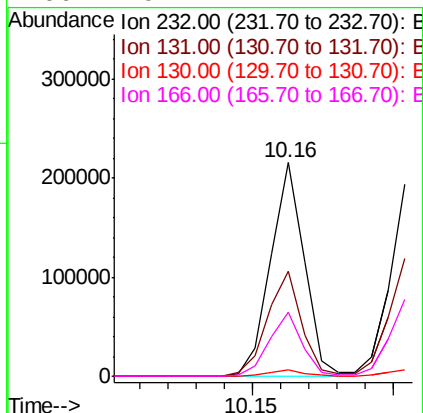
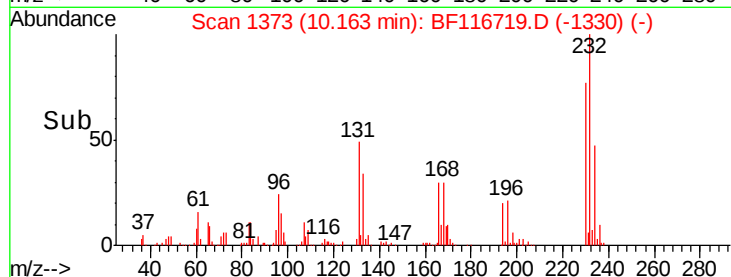
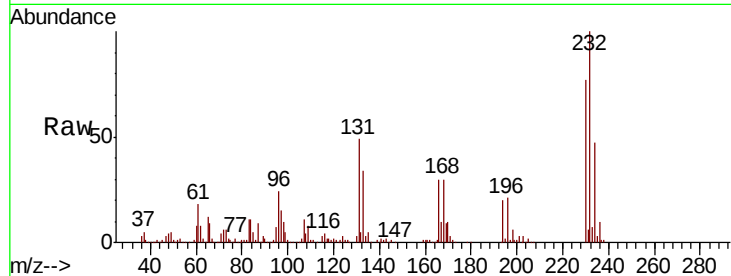




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.544 ng  
RT: 10.16 min Scan# 1373  
Delta R.T. -0.05 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

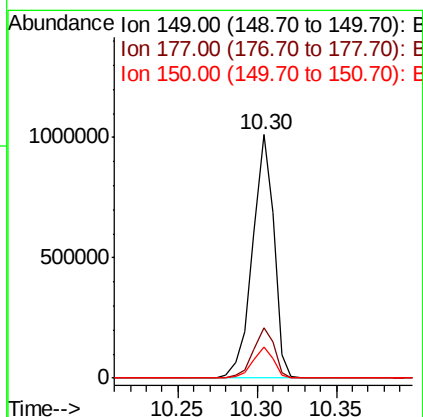
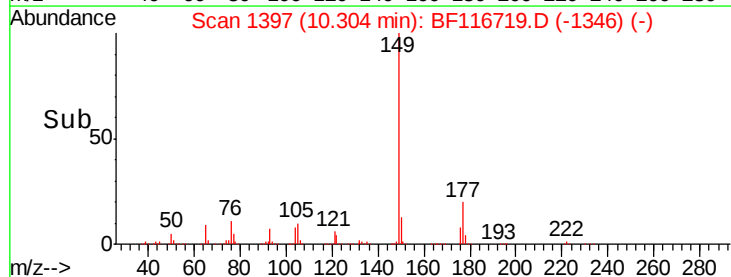
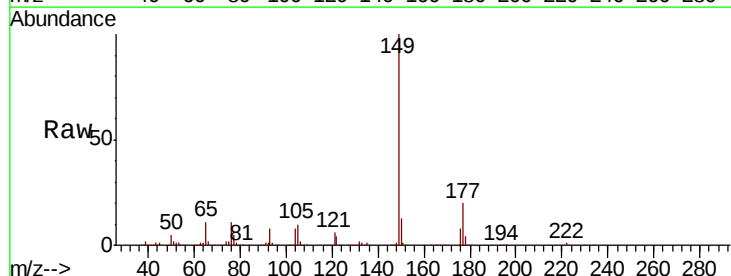
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.9  | 42.7  | 64.1  |
| 130     | 2.9   | 1.9   | 2.9   |
| 166     | 29.2  | 27.4  | 41.2  |



#60  
Diethylphthalate  
Concen: 51.469 ng  
RT: 10.30 min Scan# 1397  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.5  | 17.2  | 25.8  |
| 150     | 12.6  | 9.7   | 14.5  |

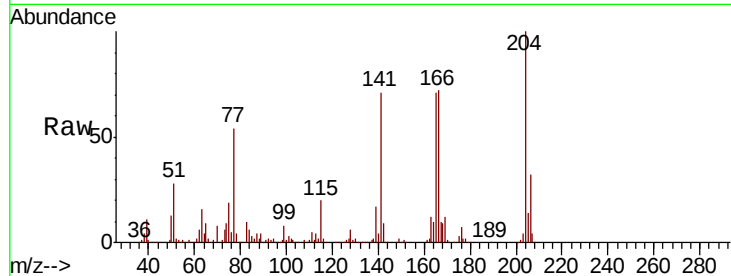




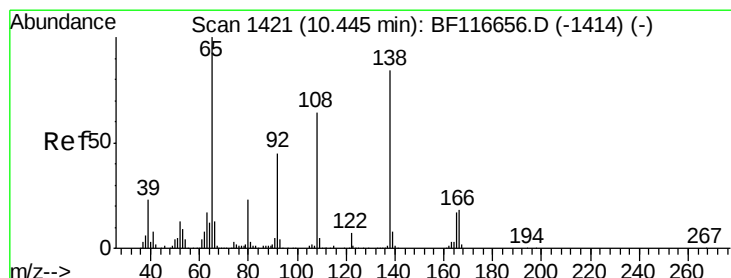
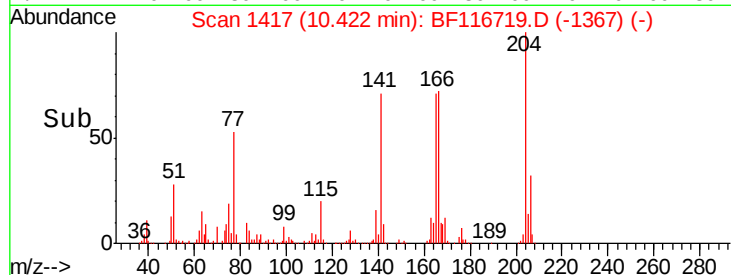
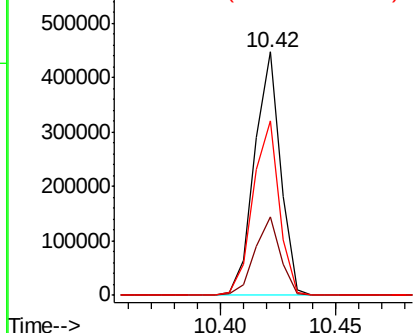
#61  
4-Chlorophenyl-phenylether  
Concen: 50.838 ng  
RT: 10.42 min Scan# 1417  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

Tot Ion:204 Resp: 354382  
Ion Ratio Lower Upper  
204 100  
206 32.5 25.4 38.2  
141 71.5 53.8 80.8

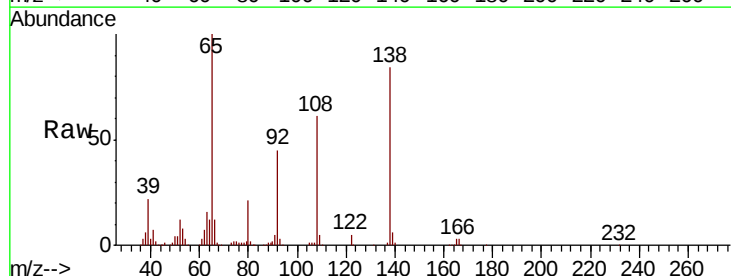


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

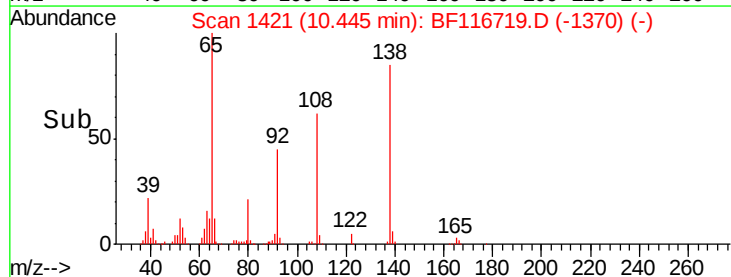
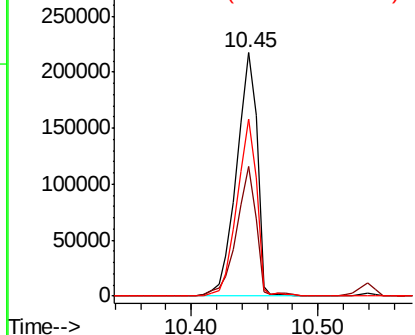


#62  
4-Nitroaniline  
Concen: 57.122 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Tgt Ion:138 Resp: 242950  
Ion Ratio Lower Upper  
138 100  
92 53.3 28.7 68.7  
108 72.9 60.4 100.4



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

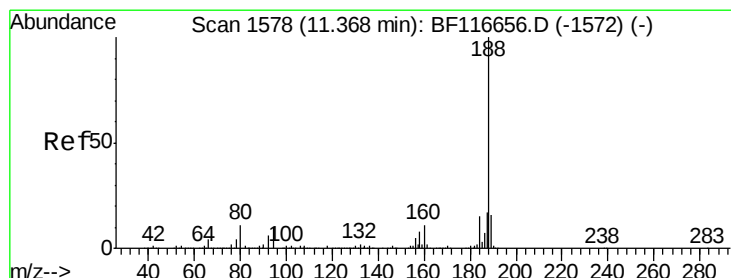
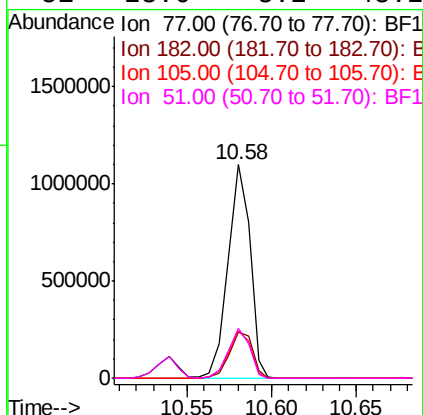
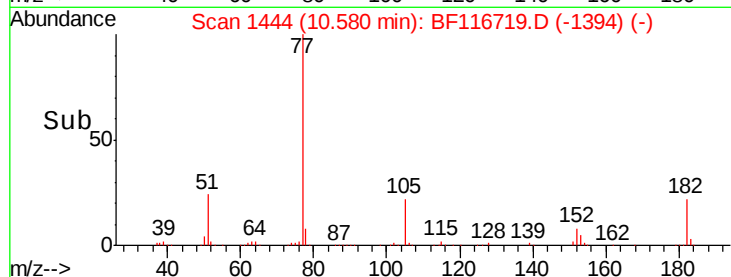
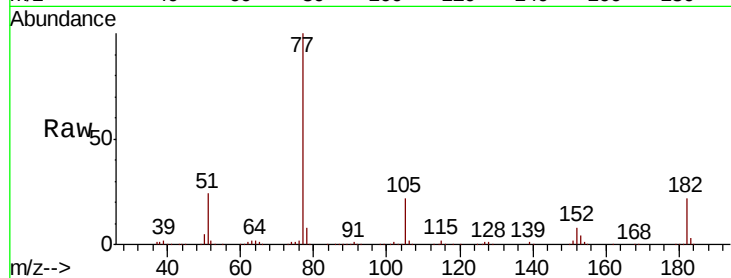




#63  
Azobenzene  
Concen: 51.968 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

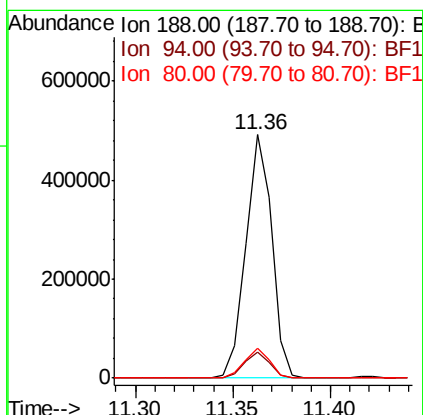
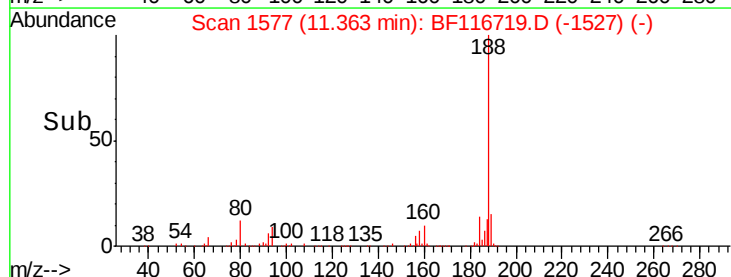
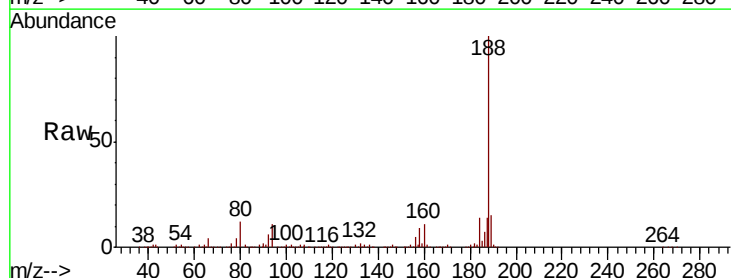
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 994927 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 21.7  | 1.2   | 41.2   |
| 105      | 22.4  | 0.6   | 40.6   |
| 51       | 23.6  | 8.2   | 48.2   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 453593 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 10.9  | 7.3   | 10.9#  |
| 80       | 12.3  | 8.4   | 12.6   |

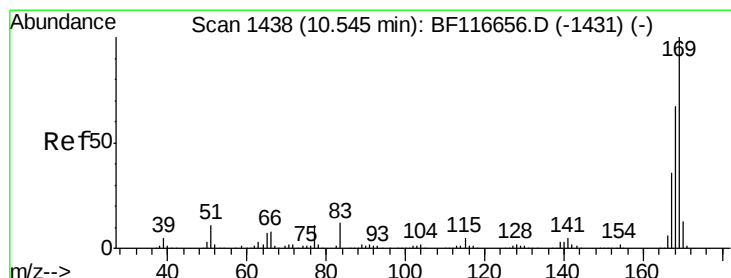
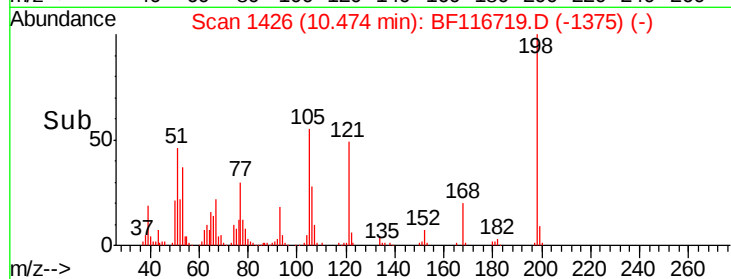
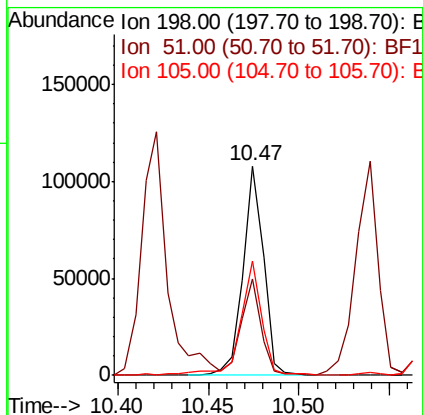
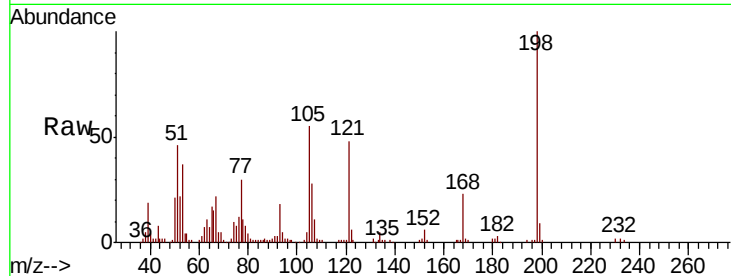




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.371 ng  
 RT: 10.47 min Scan# 1426  
 Delta R.T. 0.00 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

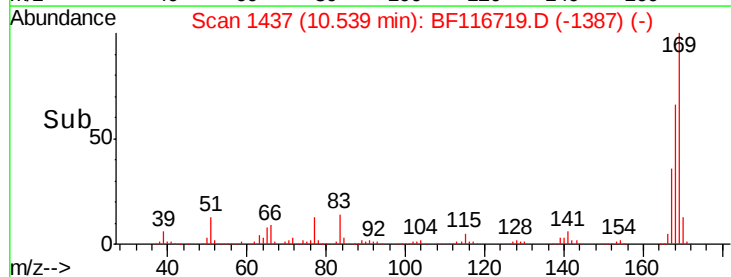
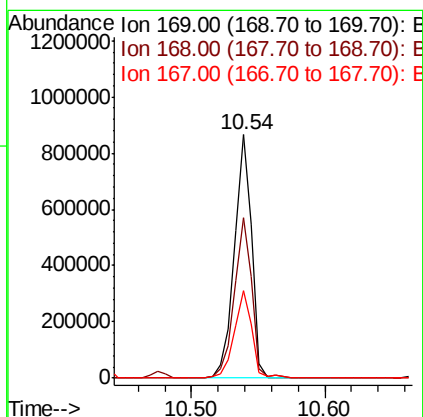
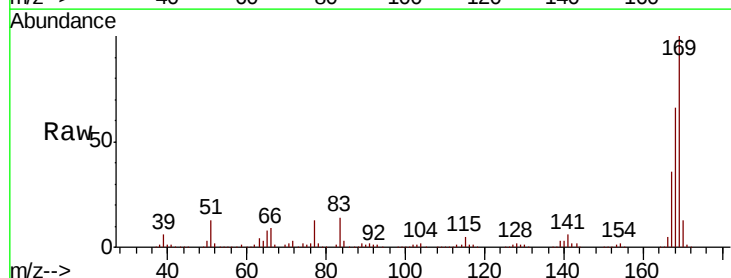
Instrument :  
 BNA\_F  
 ClientSampleId :  
 T2-S-A1-A4MS

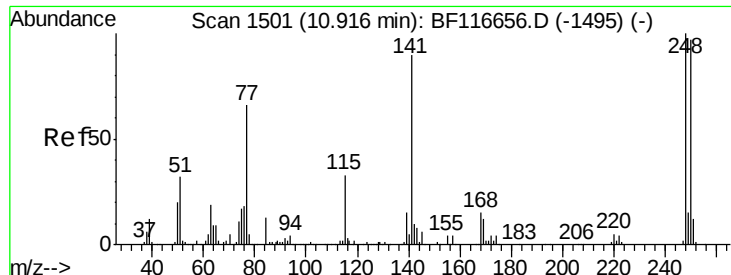
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 46.3  | 18.4  | 58.4  |
| 105     | 54.9  | 22.9  | 62.9  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 50.012 ng  
 RT: 10.54 min Scan# 1437  
 Delta R.T. -0.01 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.7  | 55.8  | 83.6  |
| 167     | 36.1  | 29.4  | 44.2  |

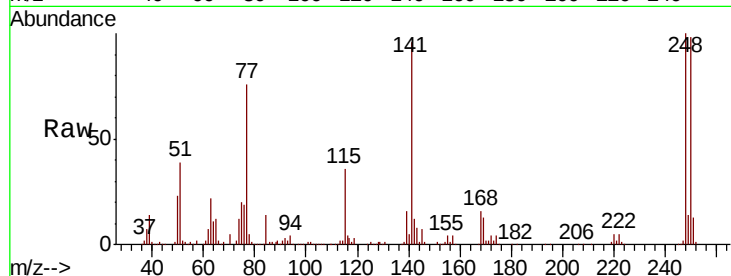




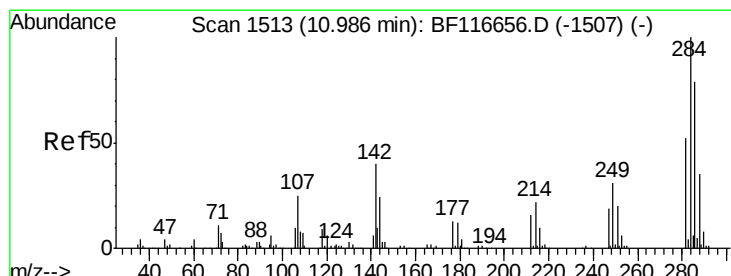
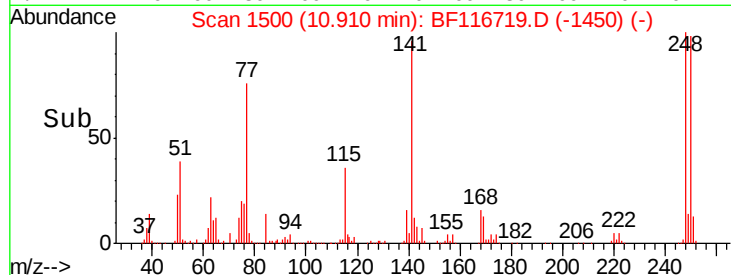
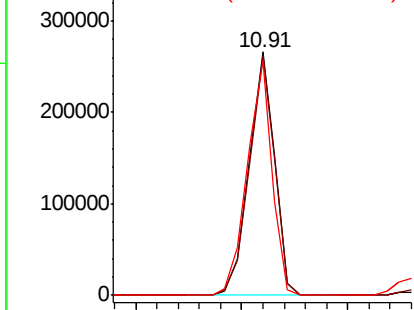
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.543 ng  
 RT: 10.91 min Scan# 1500  
 Delta R.T. -0.01 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T2-S-A1-A4MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 77.8  | 116.8 |
| 141     | 96.4  | 75.9  | 113.9 |

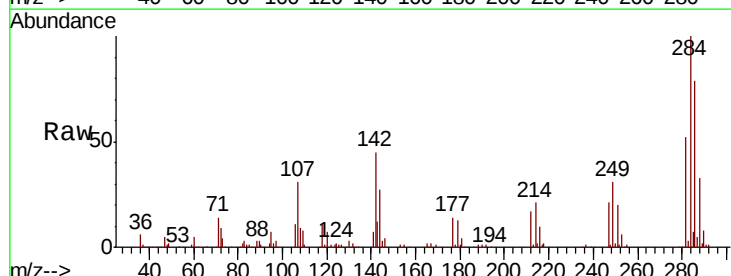


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

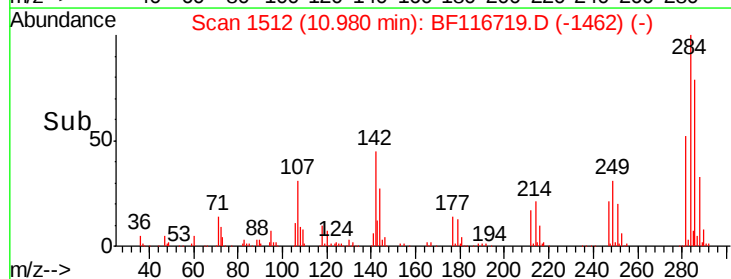
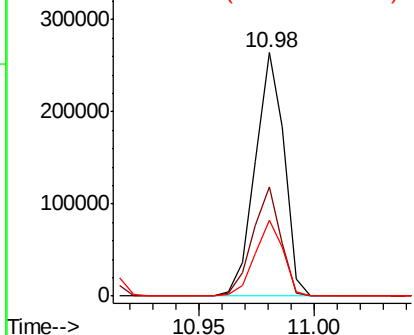


#68  
 Hexachlorobenzene  
 Concen: 47.927 ng  
 RT: 10.98 min Scan# 1512  
 Delta R.T. -0.01 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 44.7  | 34.0  | 51.0  |
| 249     | 31.4  | 26.4  | 39.6  |



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





#69

Atrazine

Concen: 41.857 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

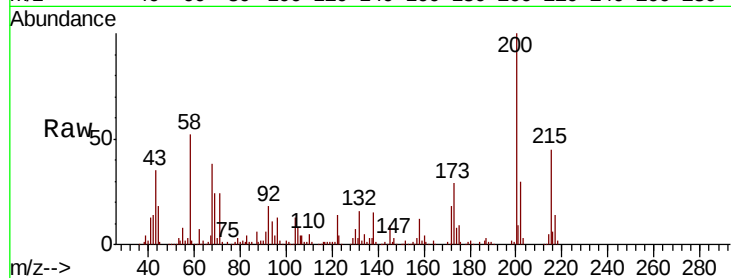
Tot Ion:200 Resp: 183949

Ion Ratio Lower Upper

200 100

173 28.6 6.2 46.2

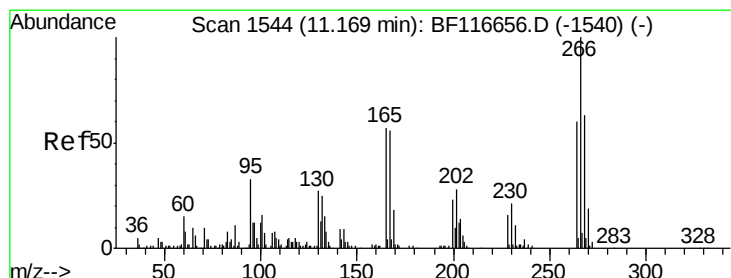
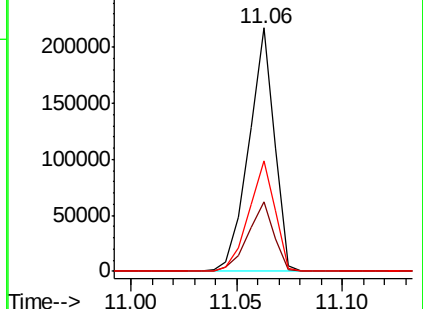
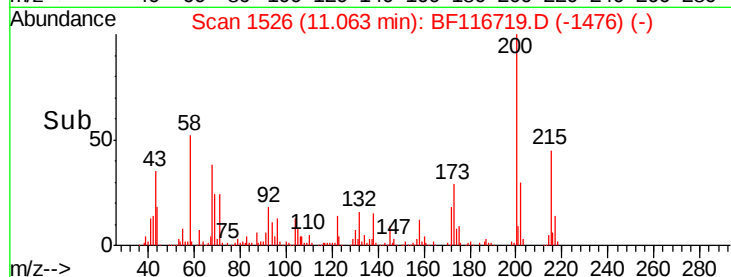
215 45.4 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.935 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

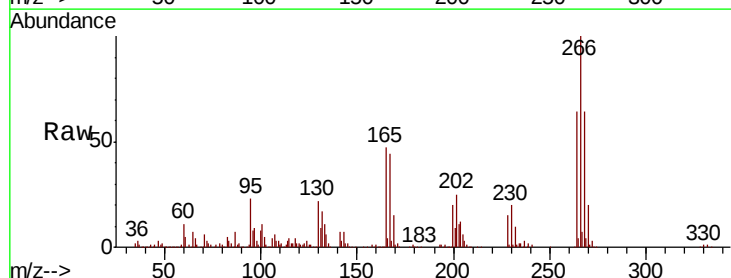
Tgt Ion:266 Resp: 237731

Ion Ratio Lower Upper

266 100

268 64.1 51.2 76.8

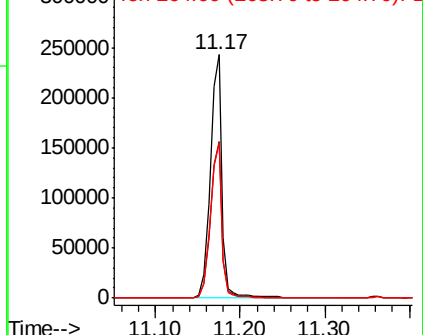
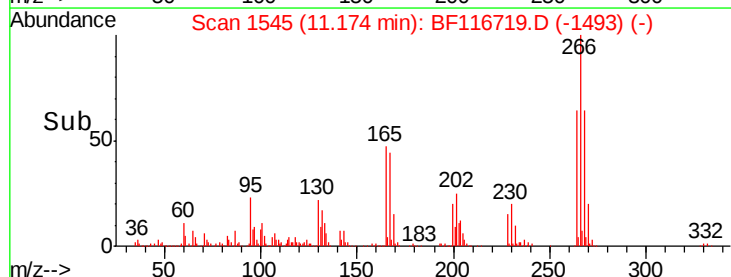
264 63.7 51.9 77.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.083 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

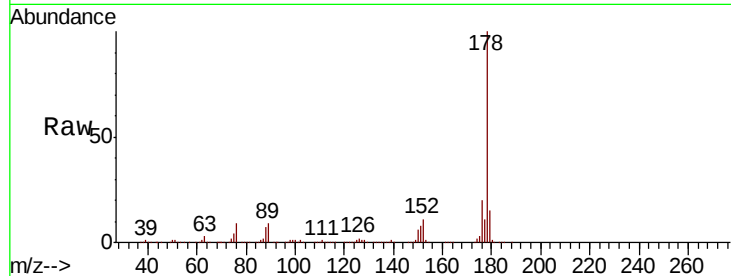
Tot Ion:178 Resp: 1239329

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

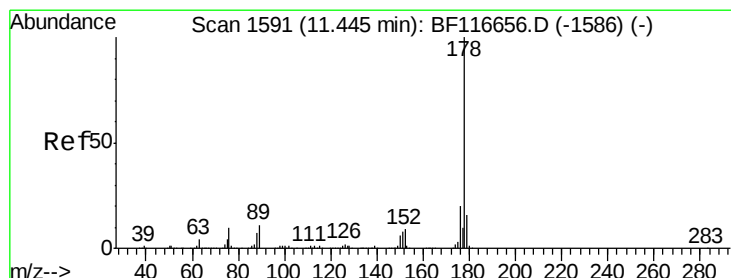
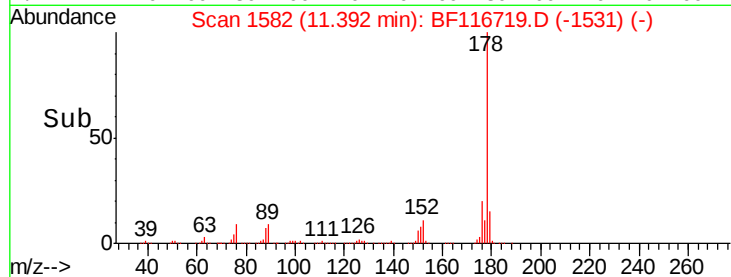
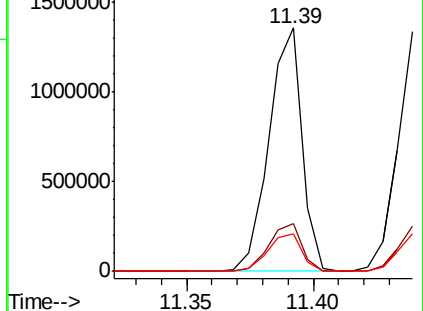
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.540 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

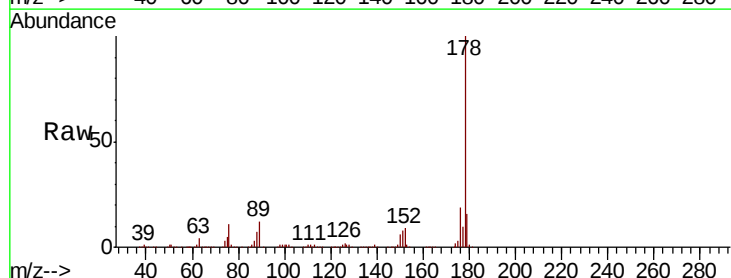
Tgt Ion:178 Resp: 1284604

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

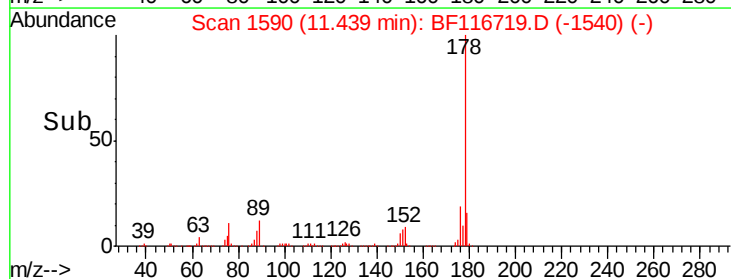
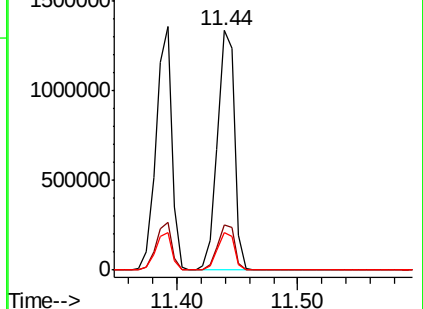
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

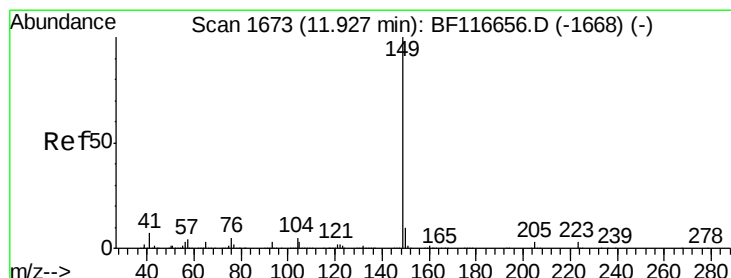
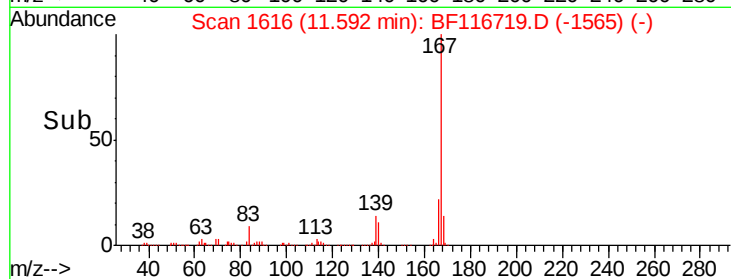
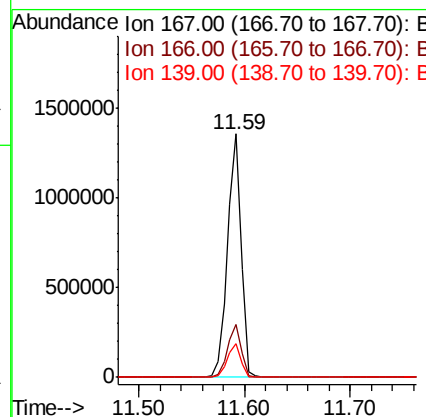
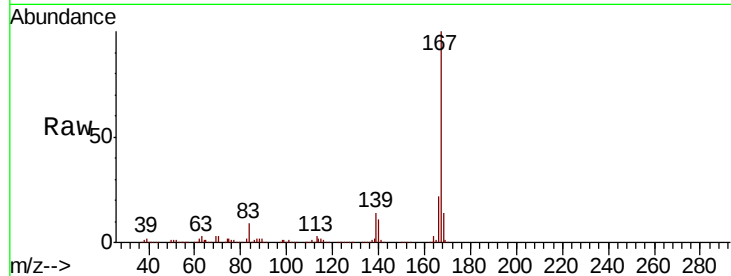




#73  
 Carbazole  
 Concen: 50.943 ng  
 RT: 11.59 min Scan# 1616  
 Delta R.T. 0.00 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

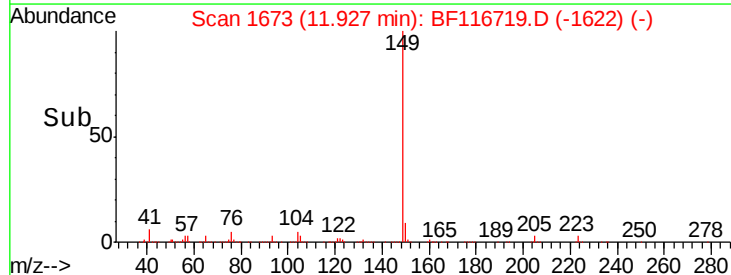
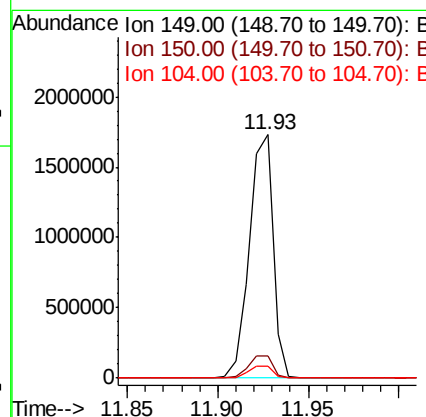
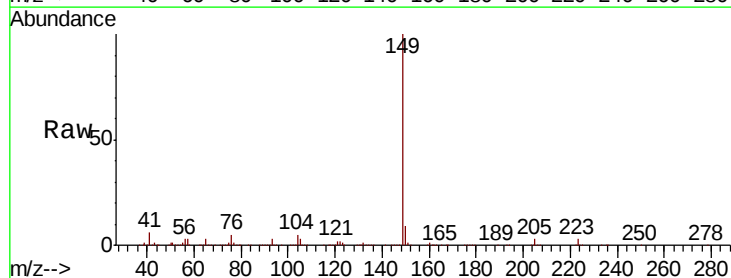
Instrument :  
 BNA\_F  
 ClientSampleId :  
 T2-S-A1-A4MS

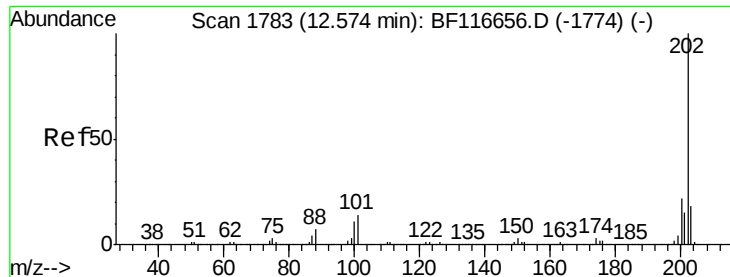
Tot Ion:167 Resp: 1233408  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.8 26.6  
 139 13.6 11.1 16.7



#74  
 Di-n-butylphthalate  
 Concen: 50.556 ng  
 RT: 11.93 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

Tgt Ion:149 Resp: 1569187  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.2 10.8  
 104 4.9 4.2 6.2

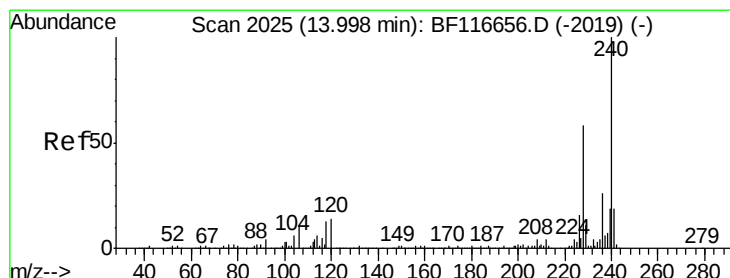
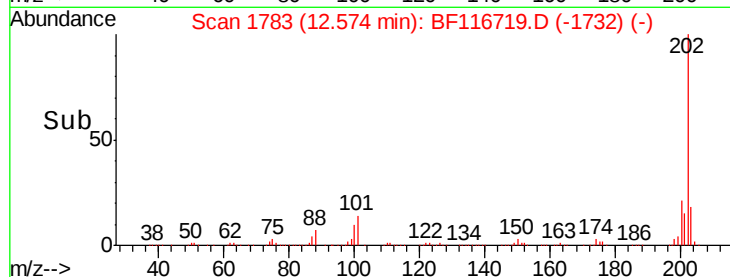
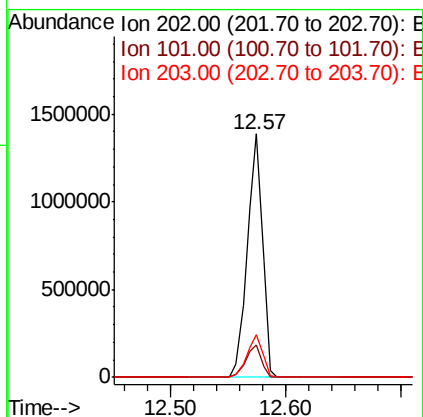
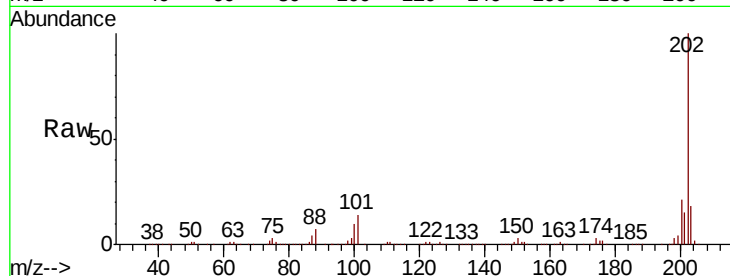




#75  
 Fluoranthene  
 Concen: 50.722 ng  
 RT: 12.57 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

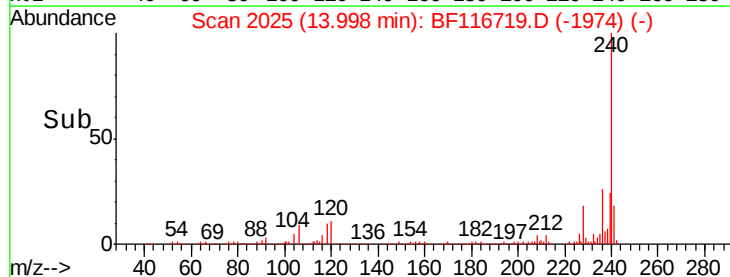
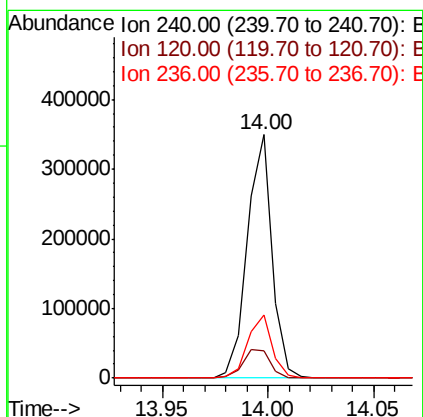
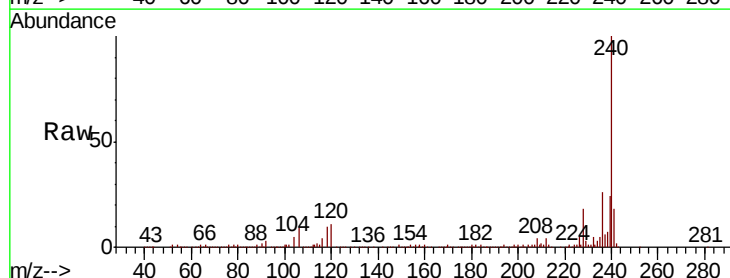
Instrument :  
 BNA\_F  
 ClientSampleId :  
 T2-S-A1-A4MS

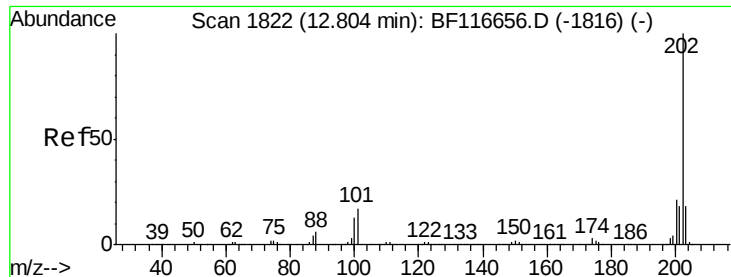
Tot Ion:202 Resp: 1258641  
 Ion Ratio Lower Upper  
 202 100  
 101 13.5 0.0 31.3  
 203 17.7 0.0 37.6



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. 0.00 min  
 Lab File: BF116719.D  
 Acq: 1 Sep 2019 2:19

Tgt Ion:240 Resp: 283822  
 Ion Ratio Lower Upper  
 240 100  
 120 11.3 9.1 13.7  
 236 25.9 21.1 31.7

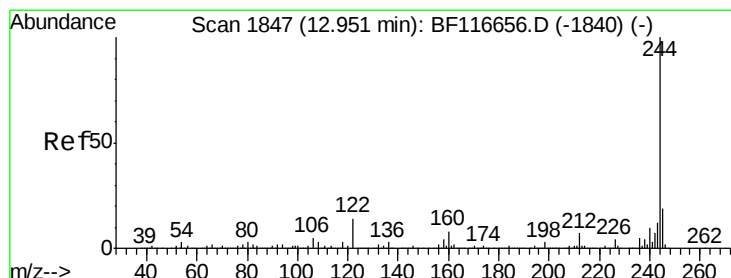
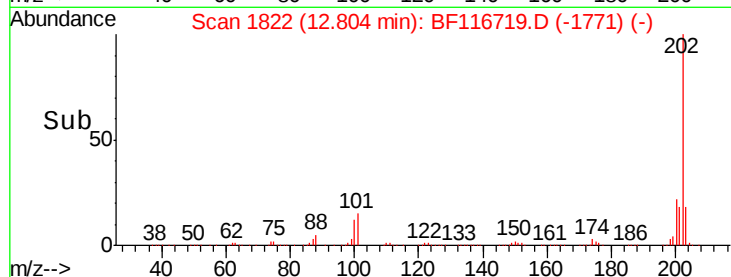
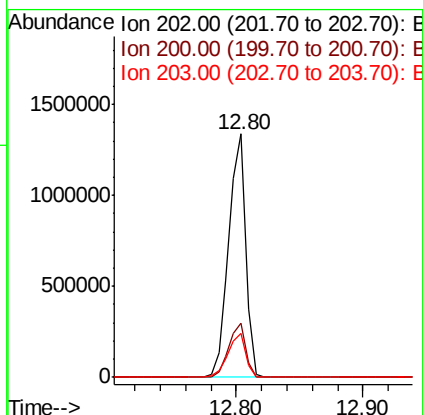
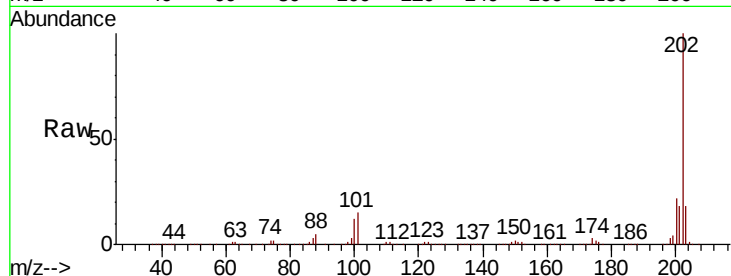




#78  
Pvrene  
Concen: 49.298 ng  
RT: 12.80 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

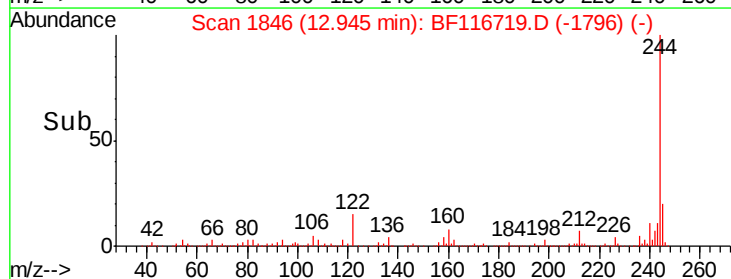
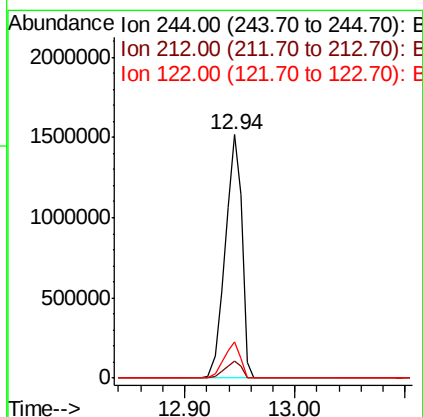
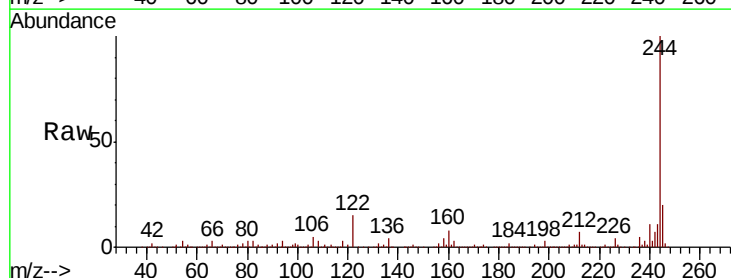
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

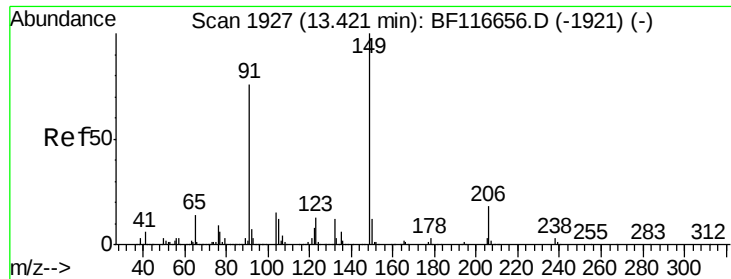
Tot Ion:202 Resp: 1243787  
Ion Ratio Lower Upper  
202 100  
200 22.0 16.5 24.7  
203 17.9 13.7 20.5



#79  
Terphenyl-d14  
Concen: 104.237 ng  
RT: 12.94 min Scan# 1846  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Tgt Ion:244 Resp: 1599227  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 15.0 10.2 15.4

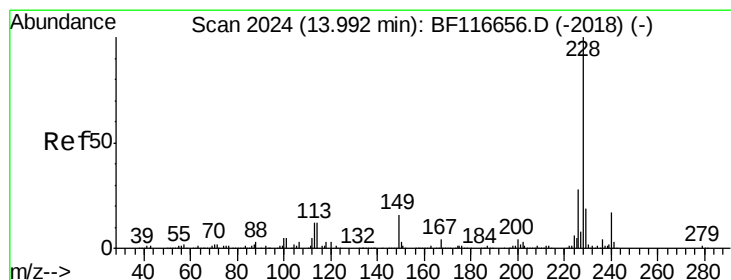
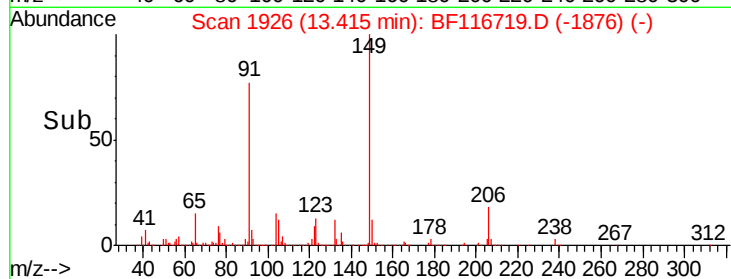
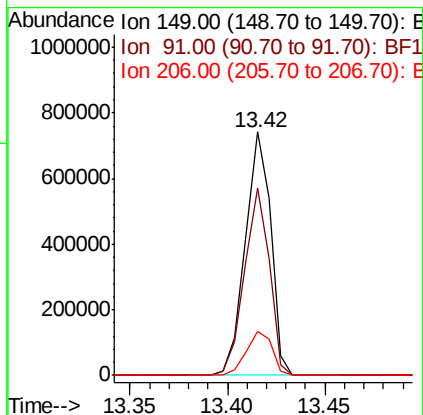
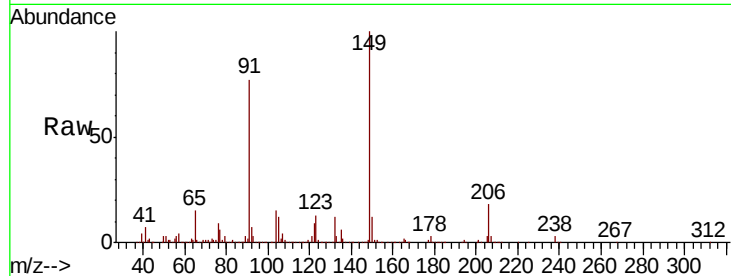




#80  
Butylbenzylphthalate  
Concen: 54.793 ng  
RT: 13.42 min Scan# 1926  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

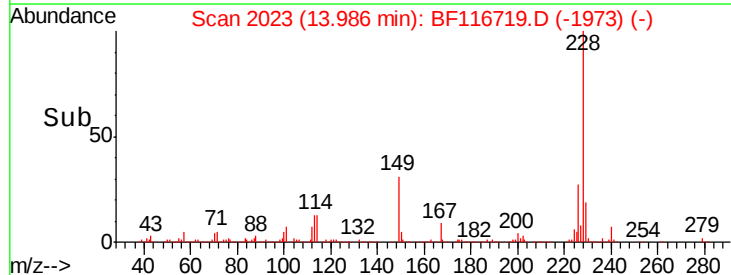
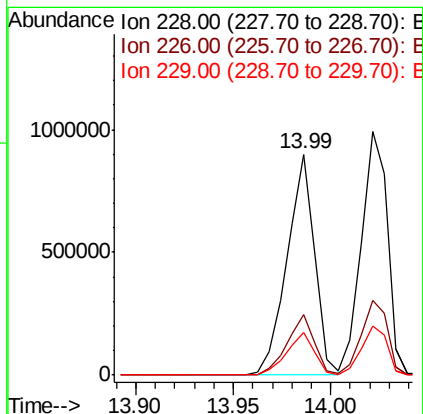
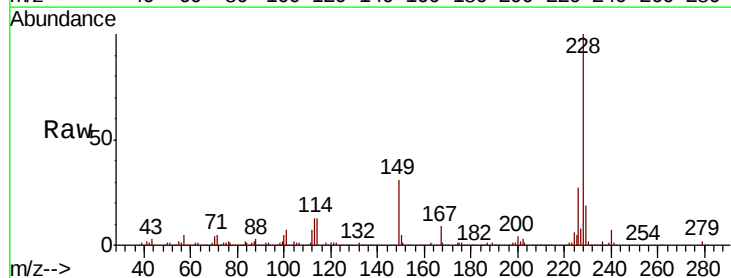
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

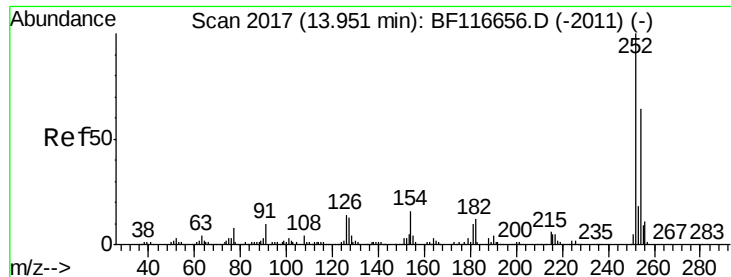
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.7  | 61.0  | 91.4  |
| 206     | 18.0  | 14.8  | 22.2  |



#81  
Benzo(a)anthracene  
Concen: 49.039 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.5  | 22.0  | 33.0  |
| 229     | 19.2  | 16.4  | 24.6  |





#82

3,3'-Dichlorobenzidine

Concen: 32.144 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

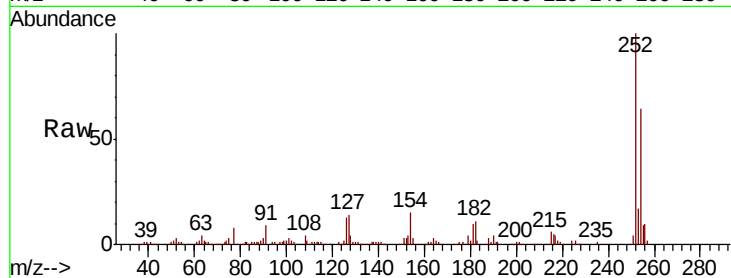
Tot Ion:252 Resp: 195129

Ion Ratio Lower Upper

252 100

254 64.0 50.1 75.1

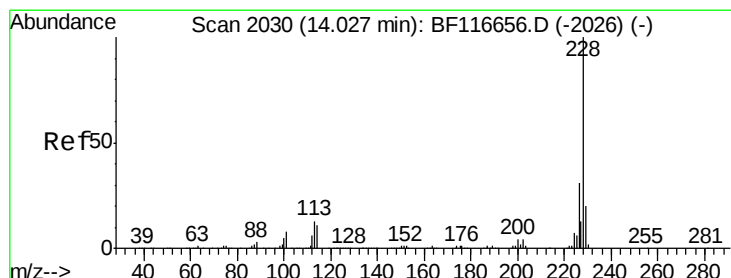
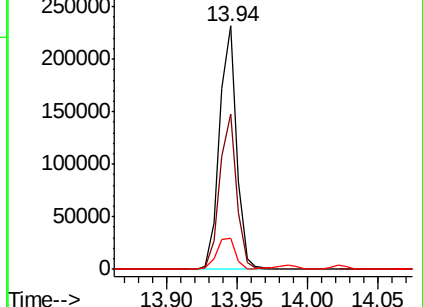
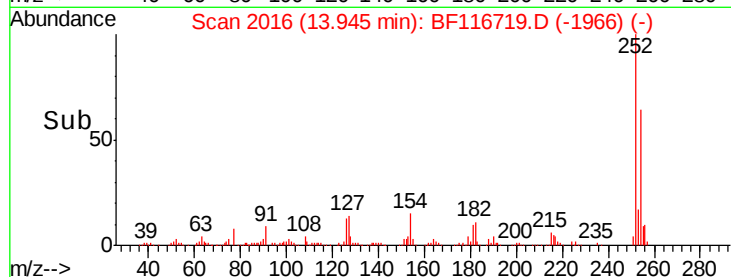
126 12.8 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 49.673 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

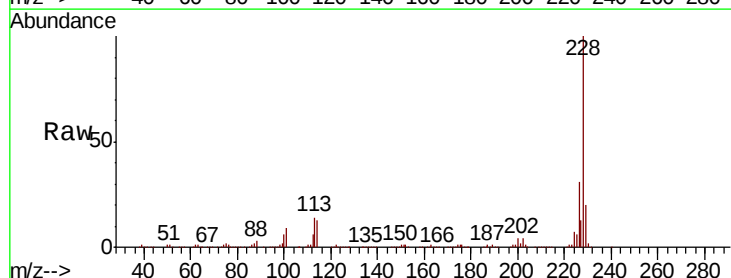
Tgt Ion:228 Resp: 919263

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

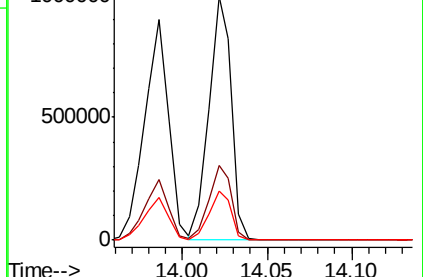
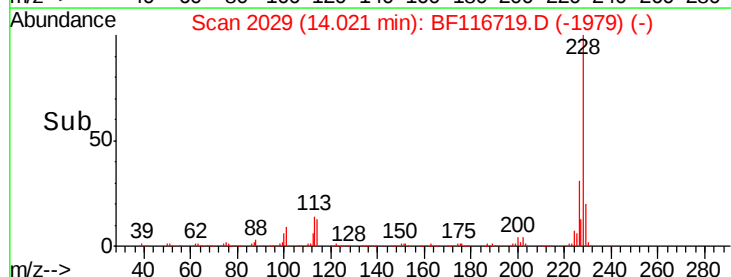
229 20.2 15.4 23.0

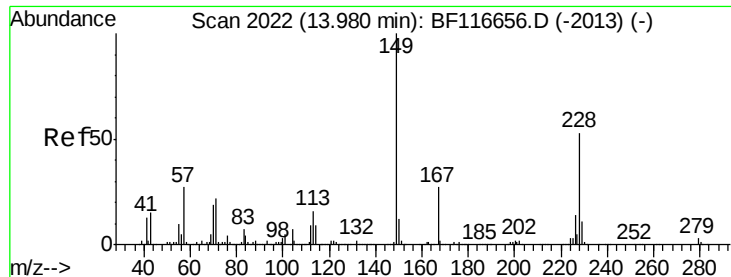


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 60.320 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

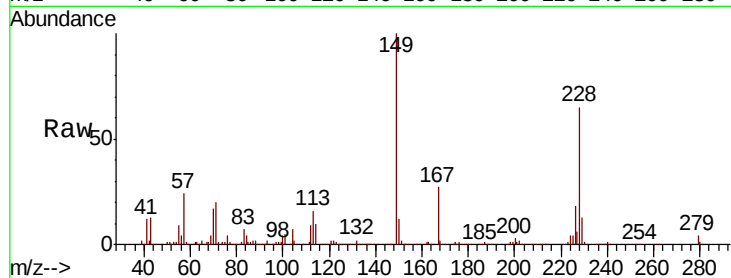
Tot Ion:149 Resp: 913576

Ion Ratio Lower Upper

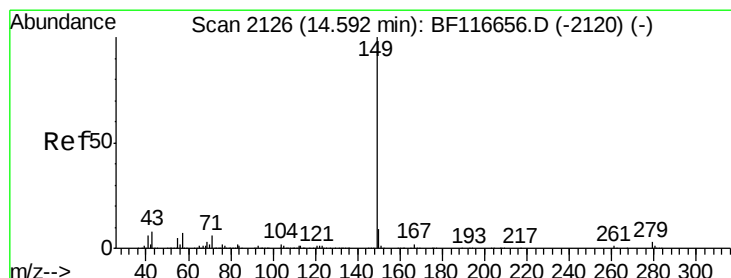
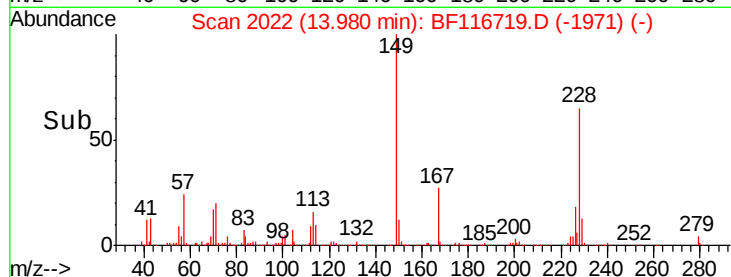
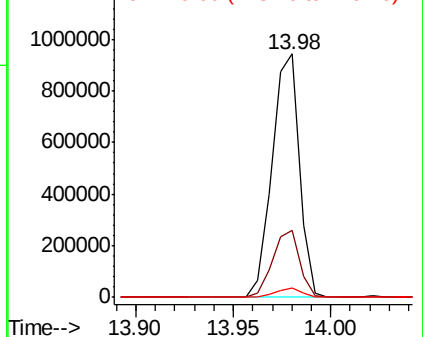
149 100

167 27.3 21.0 31.4

279 3.7 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 63.059 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

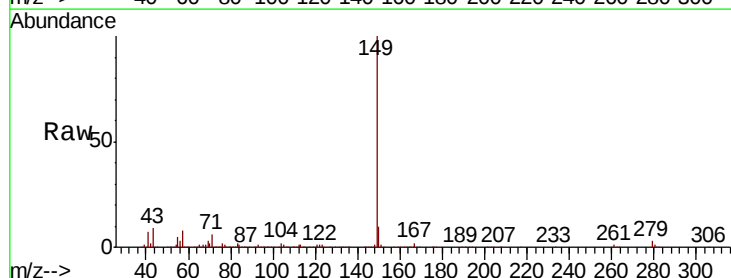
Tgt Ion:149 Resp: 1562928

Ion Ratio Lower Upper

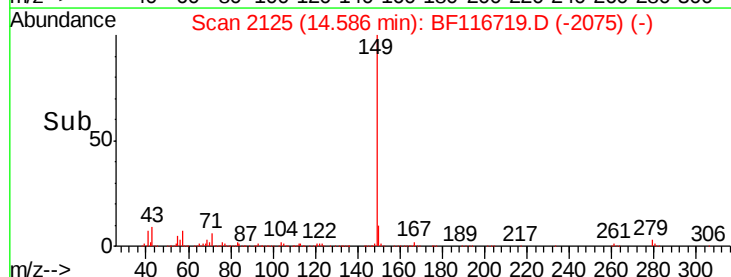
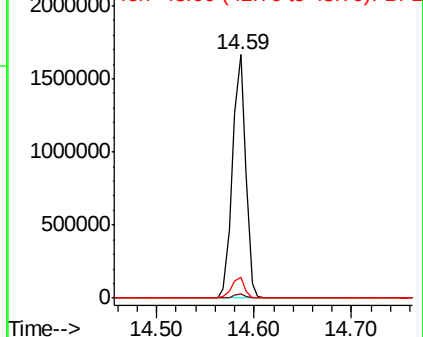
149 100

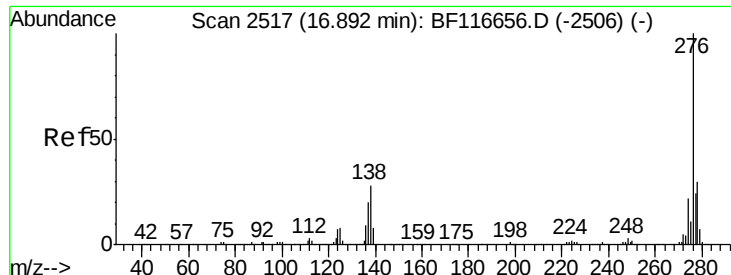
167 1.5 1.3 1.9

43 8.5 7.8 11.8



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

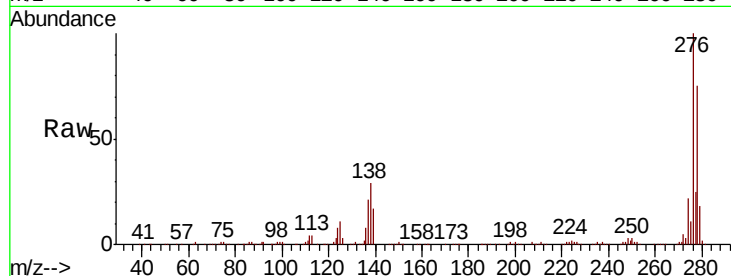




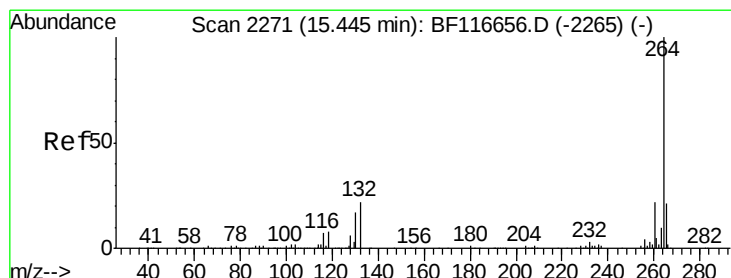
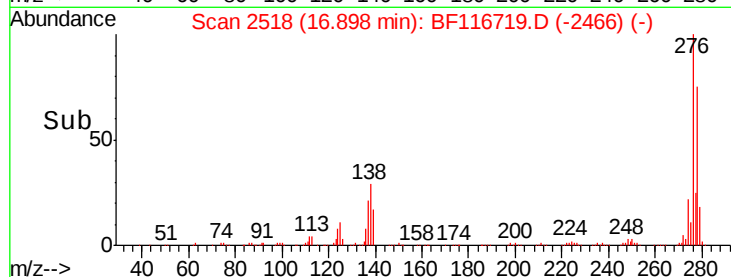
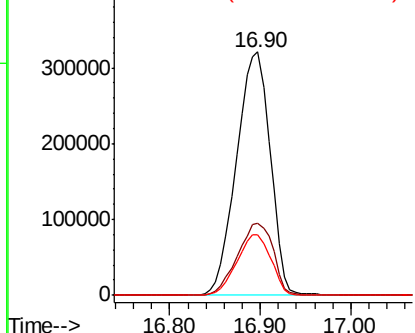
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 56.057 ng  
RT: 16.90 min Scan# 2518  
Delta R.T. 0.01 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 31.0  | 19.4  | 29.2  |
| 277     | 25.2  | 20.5  | 30.7  |

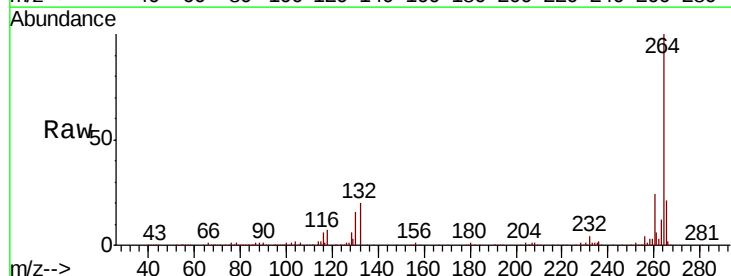


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

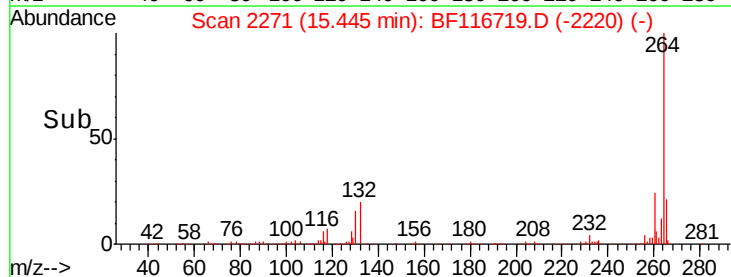
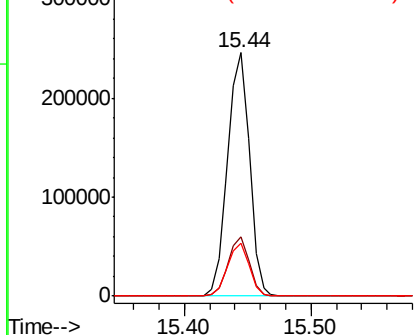


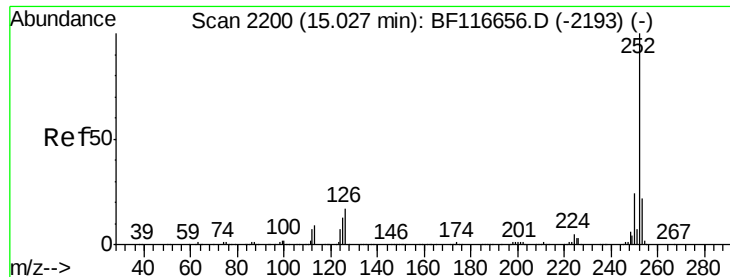
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2271  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 18.3  | 27.5  |
| 265     | 21.5  | 16.5  | 24.7  |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

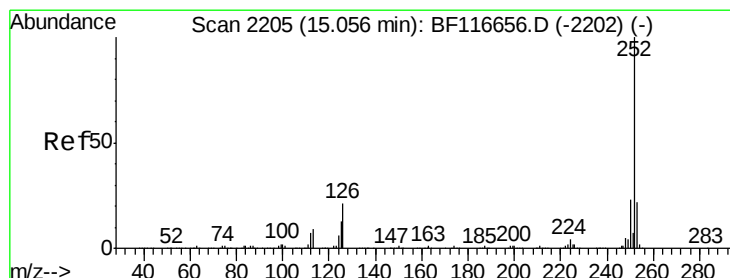
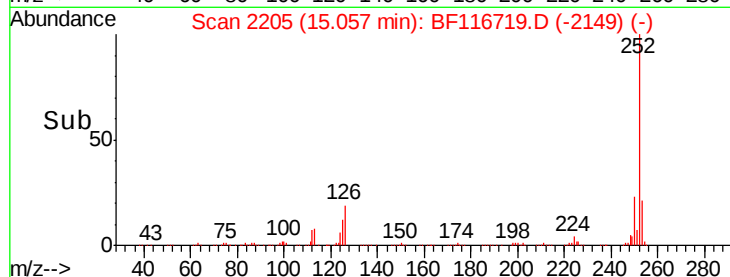
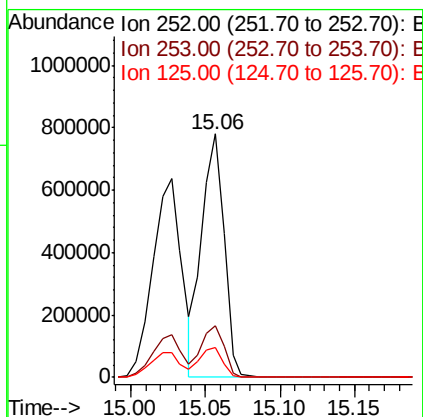
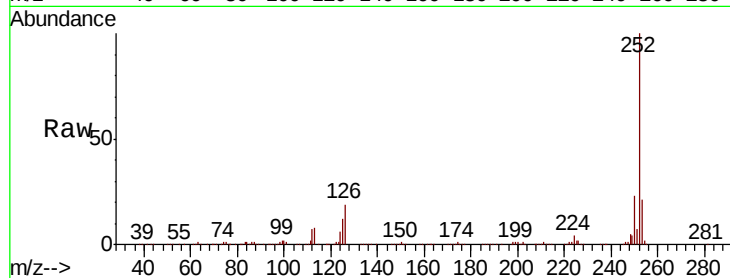




#88  
Benzo(b)fluoranthene  
Concen: 45.189 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. 0.03 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

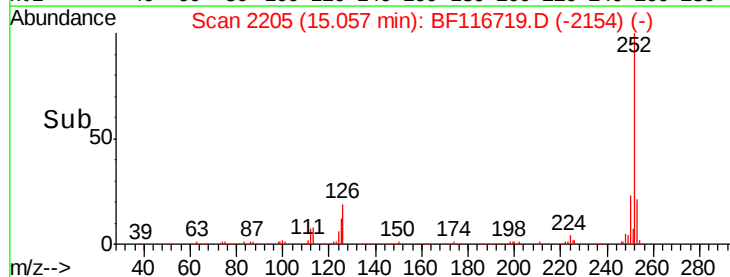
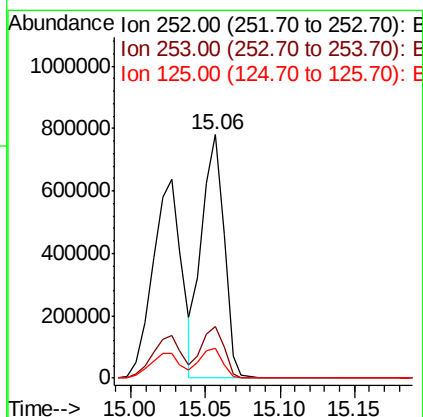
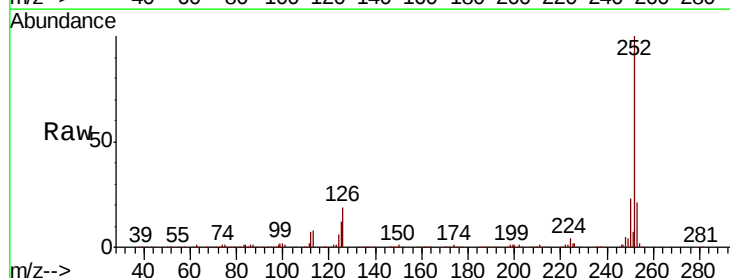
Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

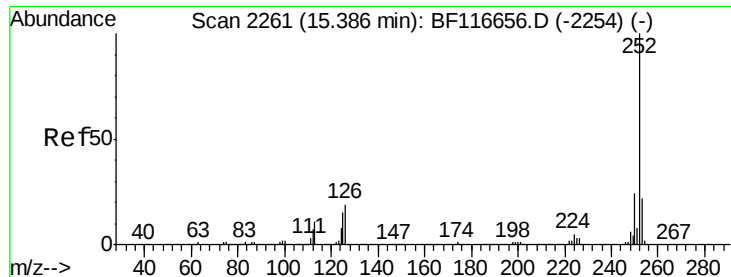
Tot Ion:252 Resp: 804736  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.7 26.5  
125 12.0 8.2 12.2



#89  
Benzo(k)fluoranthene  
Concen: 49.561 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Tgt Ion:252 Resp: 804736  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.7 26.5  
125 12.0 8.6 13.0

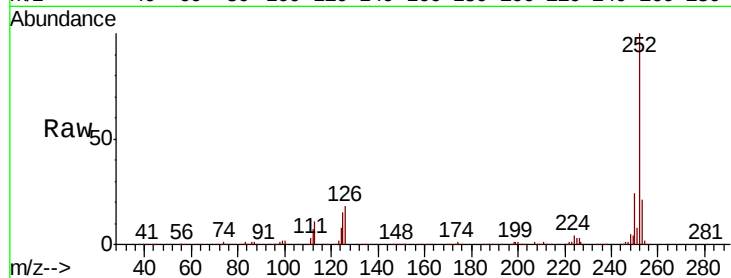




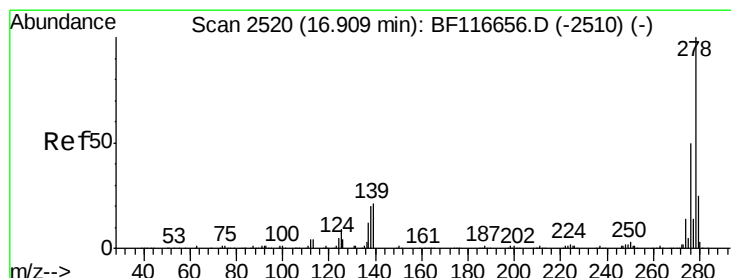
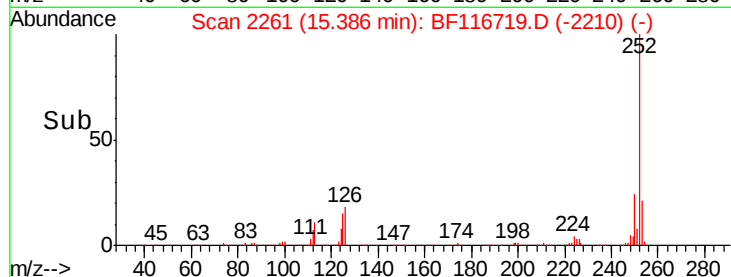
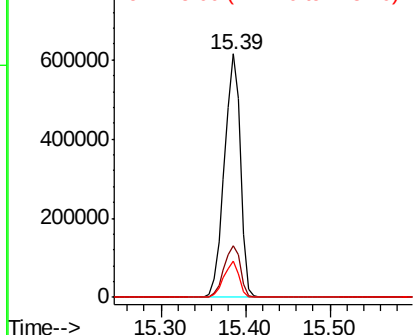
#90  
Benzo(a)pyrene  
Concen: 52.354 ng  
RT: 15.39 min Scan# 2261  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Instrument :  
BNA\_F  
ClientSampleId :  
T2-S-A1-A4MS

Tot Ion:252 Resp: 811153  
Ion Ratio Lower Upper  
252 100  
253 21.4 18.1 27.1  
125 15.1 9.8 14.8#

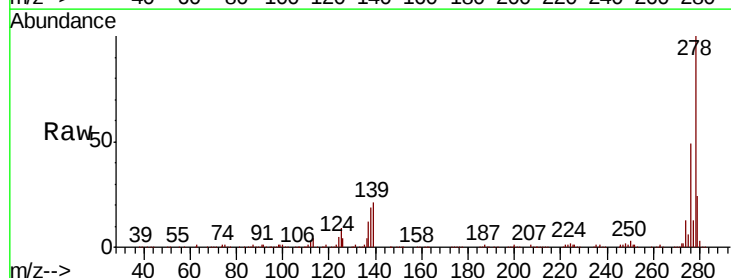


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

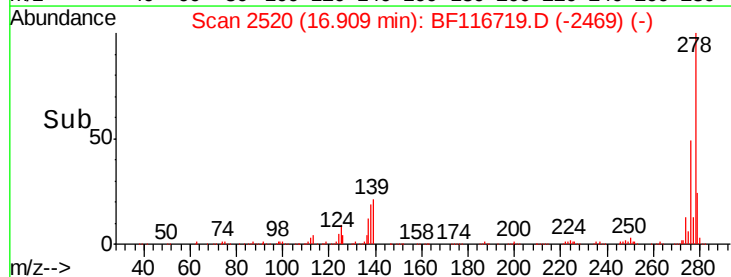
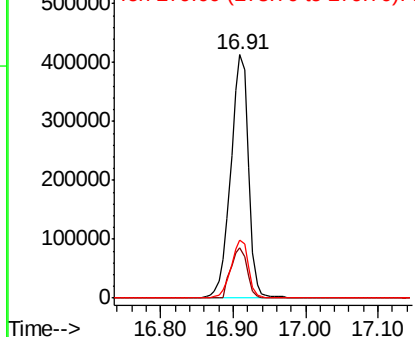


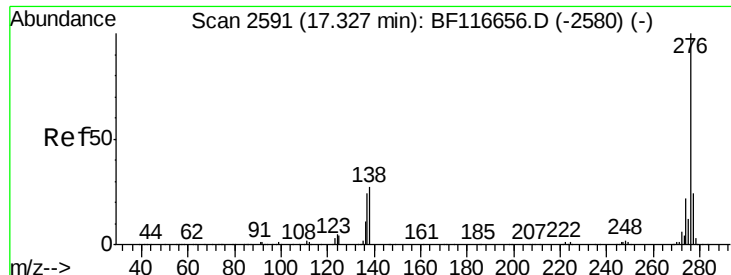
#91  
Dibenzo(a,h)anthracene  
Concen: 52.211 ng  
RT: 16.91 min Scan# 2520  
Delta R.T. 0.00 min  
Lab File: BF116719.D  
Acq: 1 Sep 2019 2:19

Tgt Ion:278 Resp: 708063  
Ion Ratio Lower Upper  
278 100  
139 20.5 12.4 18.6#  
279 23.8 18.2 27.4



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(a,h,i)perylene

Concen: 47.794 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BF116719.D

Acq: 1 Sep 2019 2:19

Instrument :

BNA\_F

ClientSampleId :

T2-S-A1-A4MS

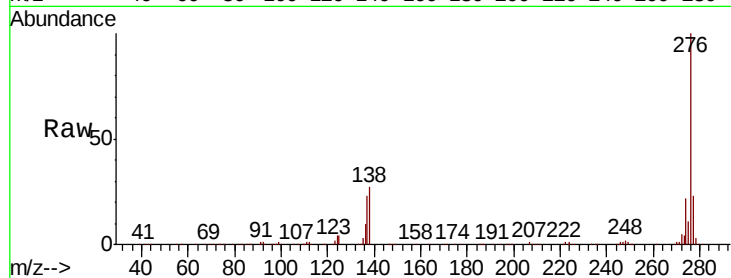
Tot Ion:276 Resp: 661042

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 26.7 16.2 24.2#



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

