

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\  
 Data File : BF116609.D  
 Acq On : 28 Aug 2019 11:16  
 Operator : HP/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 28 11:45:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 28 11:25:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 149828   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 623692   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.90  | 164  | 317433   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.39 | 188  | 529173   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.02 | 240  | 262966   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.47 | 264  | 256094   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1069874 | 104.34 | ng | 0.00 |
| 7) Phenol-d6             | 6.50  | 99  | 1370964 | 109.04 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 1319011 | 115.70 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 341548  | 125.31 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.23  | 172 | 2140622 | 108.60 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.97 | 244 | 1881154 | 133.62 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.63 | 88  | 243412  | 54.826 | ng | 99     |
| 3) Pyridine                    | 3.39 | 79  | 706837  | 52.280 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.35 | 42  | 273082  | 55.329 | ng | 99     |
| 6) Aniline                     | 6.54 | 93  | 948242  | 55.707 | ng | 99     |
| 8) 2-Chlorophenol              | 6.66 | 128 | 588047  | 54.648 | ng | 97     |
| 9) Benzaldehyde                | 6.42 | 77  | 370893  | 44.150 | ng | 99     |
| 10) Phenol                     | 6.52 | 94  | 770701  | 56.448 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 6.61 | 93  | 579679  | 55.762 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 665000  | 57.096 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 662893  | 59.136 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 617952  | 58.437 | ng | 98     |
| 15) Benzyl Alcohol             | 7.01 | 79  | 549135  | 53.969 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 763625  | 53.127 | ng | 100    |
| 17) 2-Methylphenol             | 7.12 | 107 | 520539  | 58.385 | ng | 99     |
| 18) Hexachloroethane           | 7.39 | 117 | 254280  | 58.164 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.29 | 70  | 438042  | 51.058 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.27 | 107 | 607136  | 55.590 | ng | 94     |
| 22) Acetophenone               | 7.28 | 105 | 852167  | 54.641 | ng | # 92   |
| 24) Nitrobenzene               | 7.45 | 77  | 672675  | 56.978 | ng | 96     |
| 25) Isophorone                 | 7.70 | 82  | 1187368 | 52.853 | ng | 99     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 324798  | 75.318 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 480483  | 53.400 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 739862  | 53.328 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.01 | 162 | 500125  | 58.447 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 574965  | 59.686 | ng | 97     |
| 31) Naphthalene                | 8.17 | 128 | 1689824 | 56.007 | ng | 99     |
| 32) Benzoic acid               | 7.95 | 122 | 452805  | 78.718 | ng | 99     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 745577  | 56.290 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 319597  | 60.833 | ng | 98     |
| 35) Caprolactam                | 8.60 | 113 | 137406  | 46.100 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 530684  | 54.965 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 1120708 | 54.099 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.86 | 142 | 1120708 | 57.913 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 506081  | 59.257 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\  
 Data File : BF116609.D  
 Acq On : 28 Aug 2019 11:16  
 Operator : HP/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Aug 28 11:45:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 28 11:25:35 2019  
 Response via : Initial Calibration

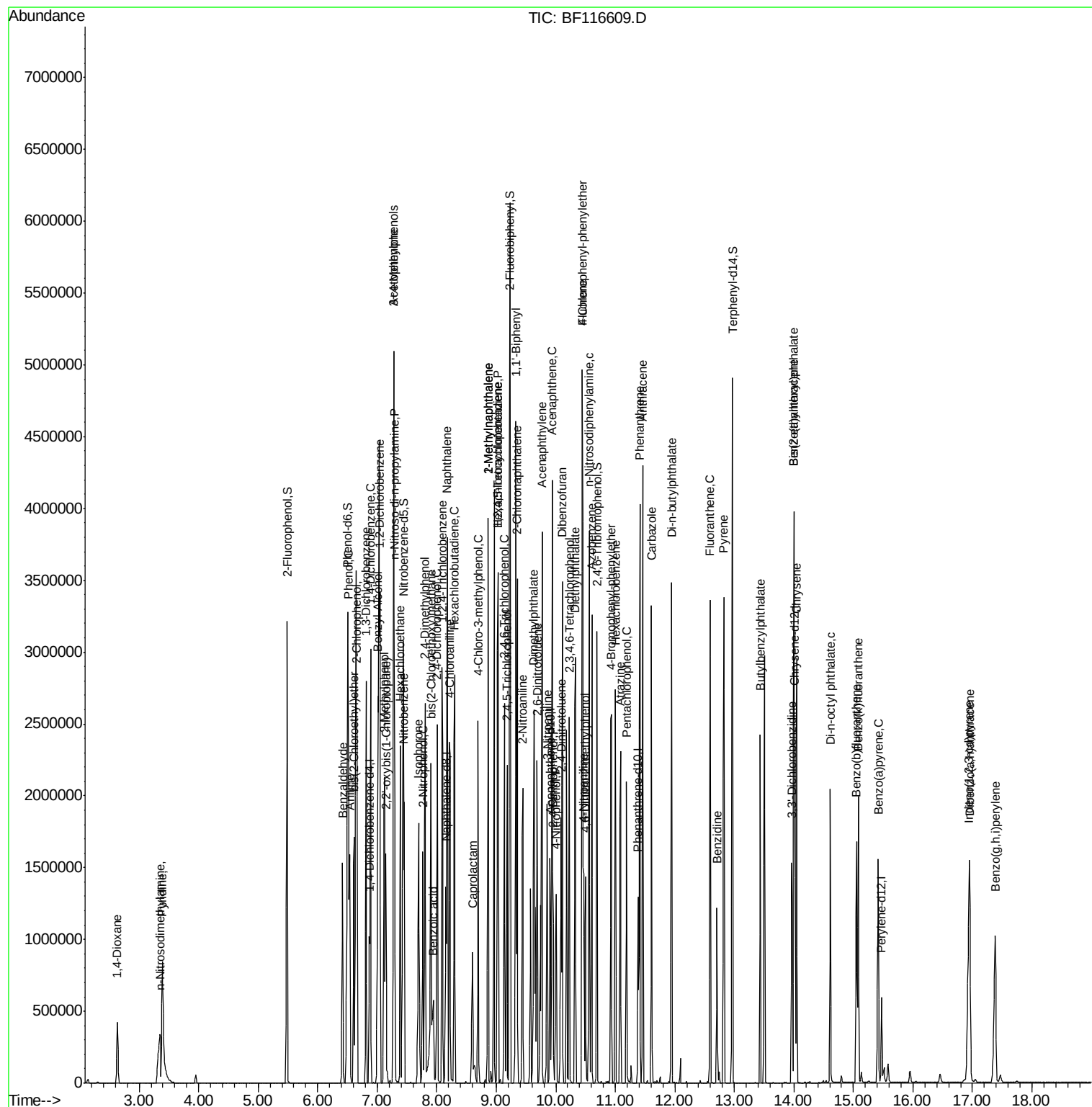
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.02  | 237  | 304700   | 66.312  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.14  | 196  | 365558   | 61.159  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.18  | 196  | 362332   | 59.576  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.33  | 154  | 1399936  | 55.161  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.35  | 162  | 1106012  | 56.213  | ng    | 96       |
| 48) 2-Nitroaniline             | 9.45  | 65   | 365051   | 60.596  | ng    | 95       |
| 49) Acenaphthylene             | 9.77  | 152  | 1582384  | 54.970  | ng    | 100      |
| 50) Dimethylphthalate          | 9.63  | 163  | 1239442  | 55.963  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.69  | 165  | 279264   | 61.604  | ng    | 88       |
| 52) Acenaphthene               | 9.94  | 154  | 1058256  | 57.292  | ng    | 95       |
| 53) 3-Nitroaniline             | 9.86  | 138  | 327568   | 60.620  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.96  | 184  | 147214   | 103.285 | ng    | # 32     |
| 55) Dibenzofuran               | 10.11 | 168  | 1433114  | 55.659  | ng    | 99       |
| 56) 4-Nitrophenol              | 10.01 | 139  | 255464   | 60.825  | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 10.09 | 165  | 367674   | 63.740  | ng    | 91       |
| 58) Fluorene                   | 10.45 | 166  | 1068582  | 53.416  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 299402   | 59.955  | ng    | 99       |
| 60) Diethylphthalate           | 10.33 | 149  | 1187052  | 54.532  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.45 | 204  | 537386   | 55.064  | ng    | 99       |
| 62) 4-Nitroaniline             | 10.47 | 138  | 327993   | 62.062  | ng    | 96       |
| 63) Azobenzene                 | 10.60 | 77   | 1188797  | 53.115  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.50 | 198  | 185375   | 95.887  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 10.56 | 169  | 968021   | 56.495  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.93 | 248  | 333354   | 60.088  | ng    | 97       |
| 68) Hexachlorobenzene          | 11.00 | 284  | 362886   | 59.140  | ng    | 98       |
| 69) Atrazine                   | 11.09 | 200  | 282255   | 54.980  | ng    | 97       |
| 70) Pentachlorophenol          | 11.19 | 266  | 230677   | 64.435  | ng    | 98       |
| 71) Phenanthrene               | 11.41 | 178  | 1592249  | 55.234  | ng    | 99       |
| 72) Anthracene                 | 11.46 | 178  | 1592240  | 54.967  | ng    | 99       |
| 73) Carbazole                  | 11.61 | 167  | 1397659  | 53.753  | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.95 | 149  | 1677056  | 52.050  | ng    | 100      |
| 75) Fluoranthene               | 12.59 | 202  | 1462800  | 49.082  | ng    | 97       |
| 77) Benzidine                  | 12.70 | 184  | 476715   | 45.058  | ng    | 98       |
| 78) Pyrene                     | 12.82 | 202  | 1446412  | 68.780  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.43 | 149  | 553797   | 60.977  | ng    | 95       |
| 81) Benzo(a)anthracene         | 14.00 | 228  | 993971   | 58.361  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.96 | 252  | 300596   | 49.527  | ng    | # 97     |
| 83) Chrysene                   | 14.04 | 228  | 980764   | 56.815  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 648299   | 53.532  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.62 | 149  | 1035694  | 50.374  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.94 | 276  | 1037847  | 70.185  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 913920   | 57.769  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.09 | 252  | 827618   | 57.745  | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.42 | 252  | 815303   | 58.311  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.96 | 278  | 797057   | 69.374  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.39 | 276  | 896911   | 81.886  | ng    | 98       |

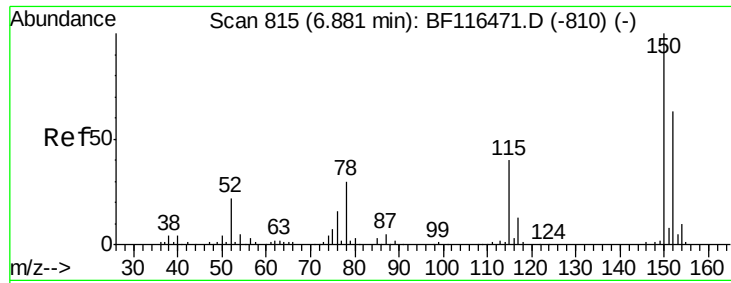
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\  
Data File : BF116609.D  
Acq On : 28 Aug 2019 11:16  
Operator : HP/JU  
Sample : SSTDICC060  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Aug 28 11:45:32 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 28 11:25:35 2019  
Response via : Initial Calibration



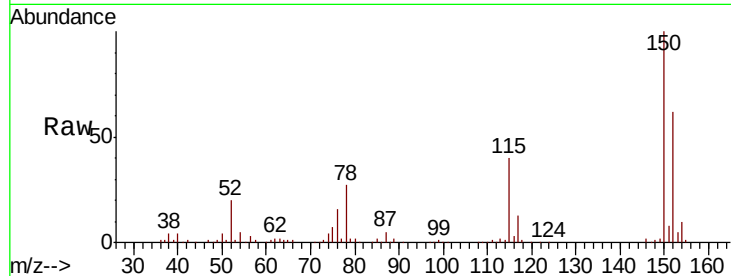


#1

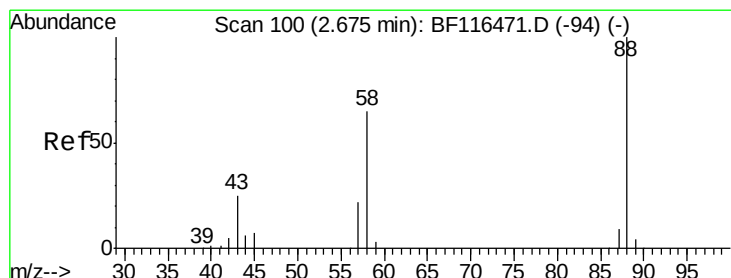
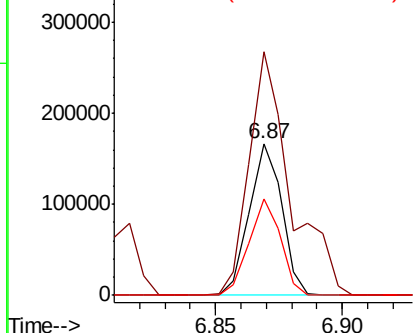
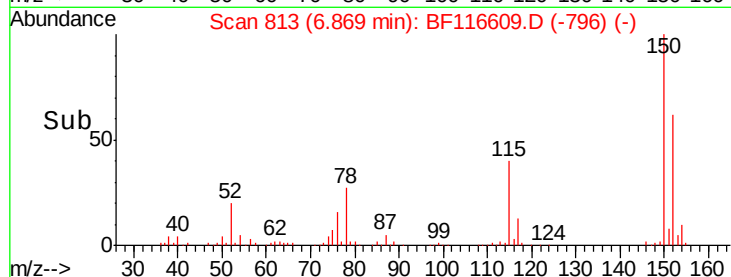
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 149828  
Ion Ratio Lower Upper  
152 100  
150 160.3 123.4 185.2  
115 63.7 48.2 72.2



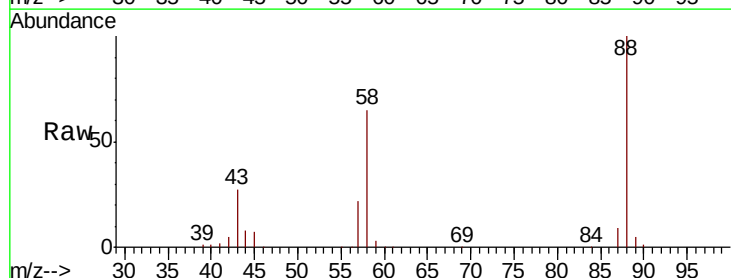
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



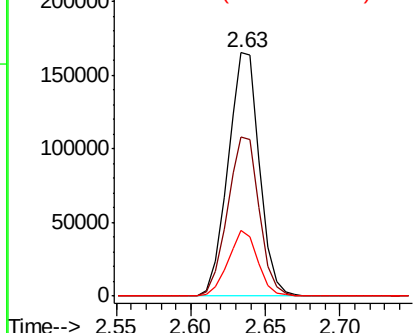
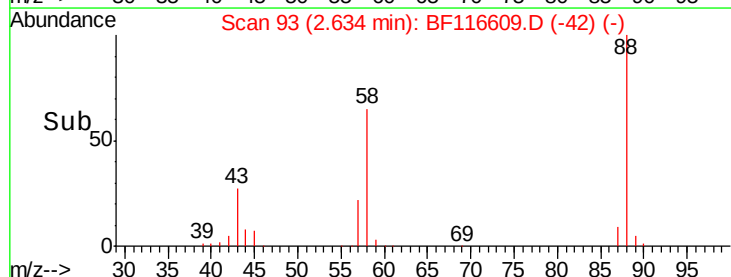
#2

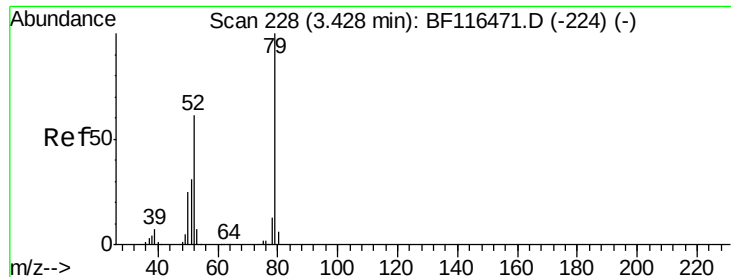
1,4-Dioxane  
Concen: 54.826 ng  
RT: 2.63 min Scan# 93  
Delta R.T. -0.00 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion: 88 Resp: 243412  
Ion Ratio Lower Upper  
88 100  
58 66.0 51.8 77.8  
43 25.6 20.2 30.2



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





#3

Pvridine

Concen: 52.280 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

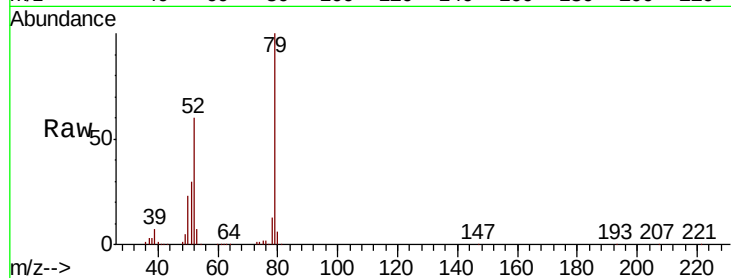
Tot Ion: 79 Resp: 706837

Ion Ratio Lower Upper

79 100

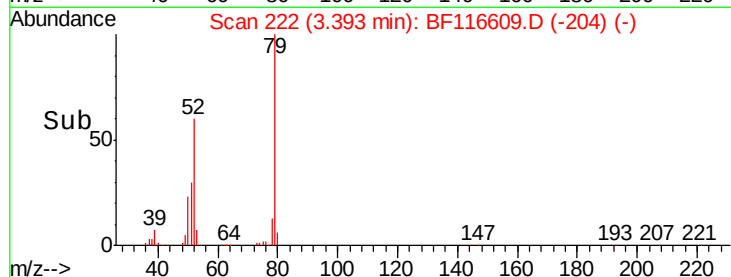
52 60.3 47.9 71.9

51 30.3 24.4 36.6

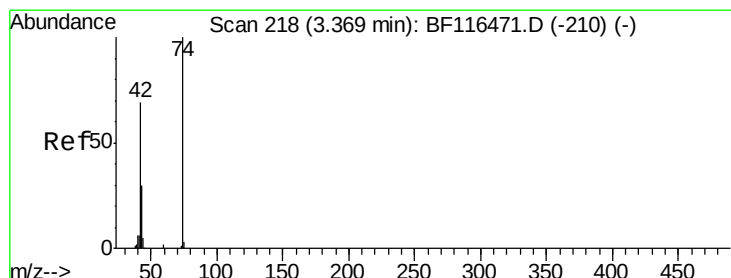


Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

3.39



Time-->



#4

n-Nitrosodimethylamine

Concen: 55.329 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

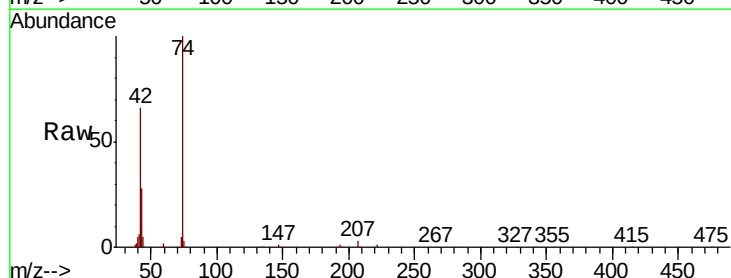
Tgt Ion: 42 Resp: 273082

Ion Ratio Lower Upper

42 100

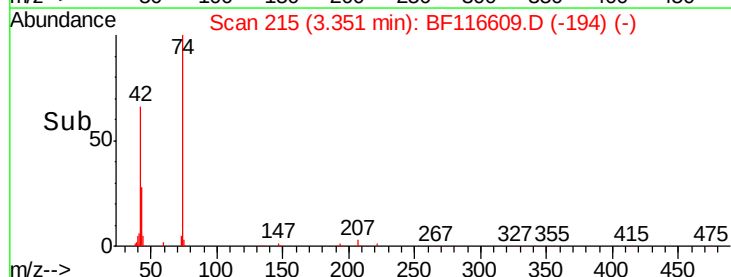
74 150.7 120.0 180.0

44 6.9 5.4 8.2

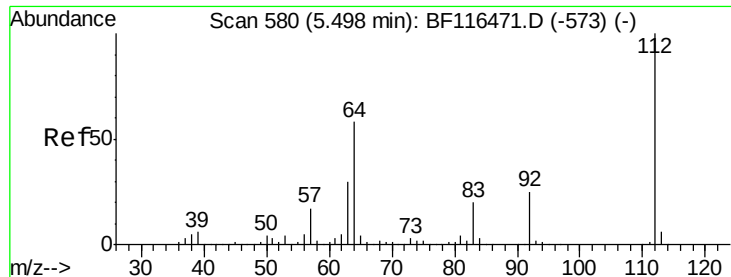


Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1

3.35



Time-->



#5

2-Fluorophenol

Concen: 104.336 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

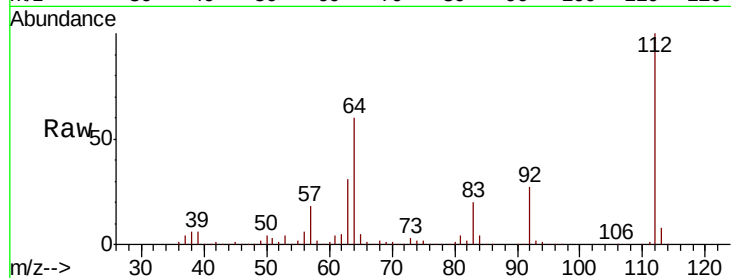
Tot Ion:112 Resp: 1069874

Ion Ratio Lower Upper

112 100

64 60.1 48.0 72.0

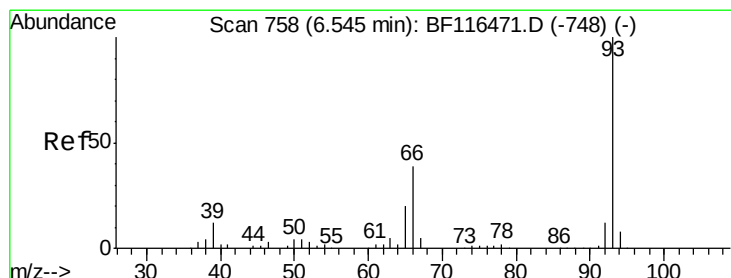
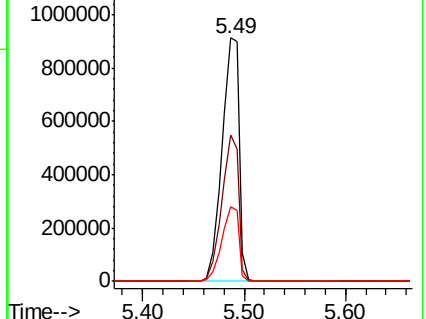
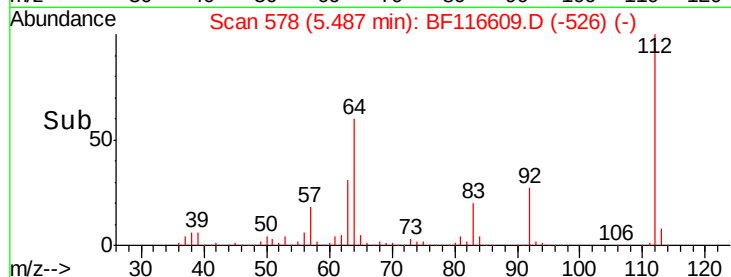
63 30.8 24.6 36.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 55.707 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

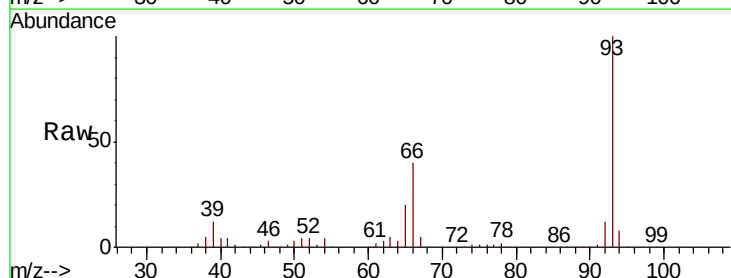
Tgt Ion: 93 Resp: 948242

Ion Ratio Lower Upper

93 100

66 39.6 32.1 48.1

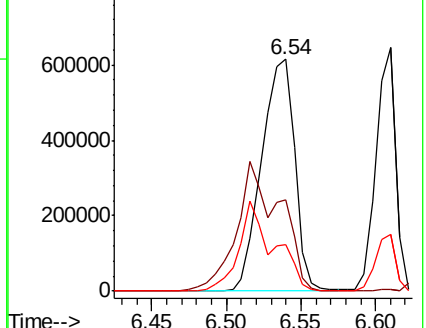
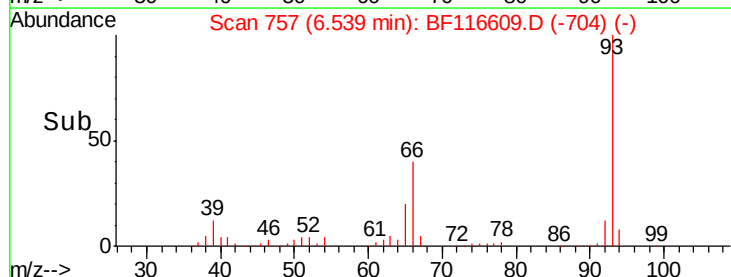
65 19.9 16.2 24.4

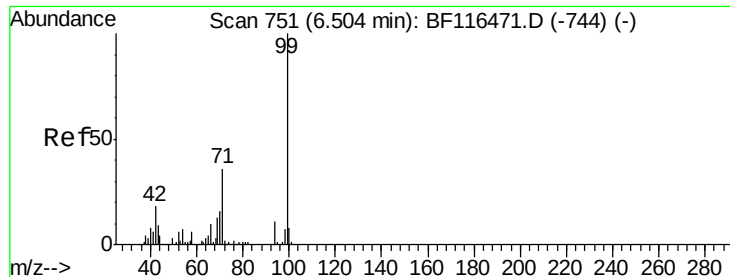


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.040 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

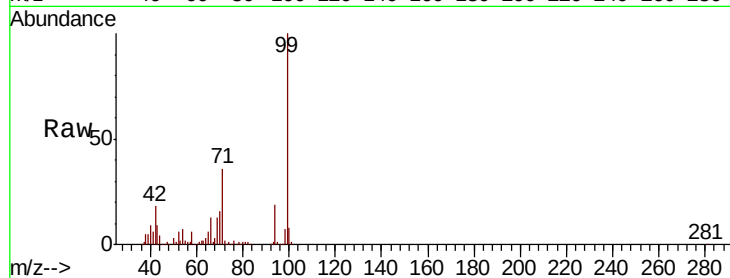
Tot Ion: 99 Resp: 1370964

Ion Ratio Lower Upper

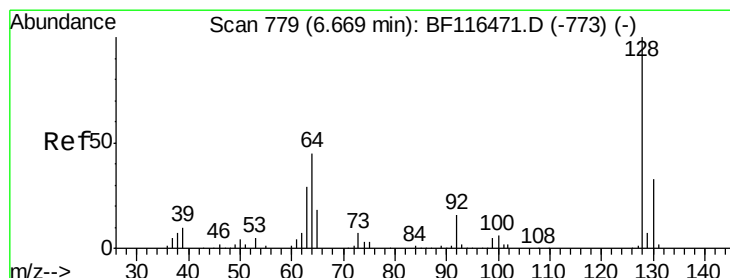
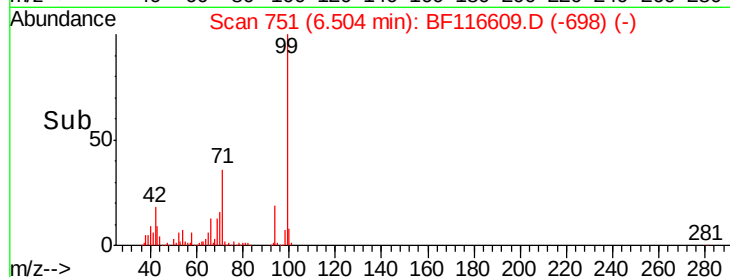
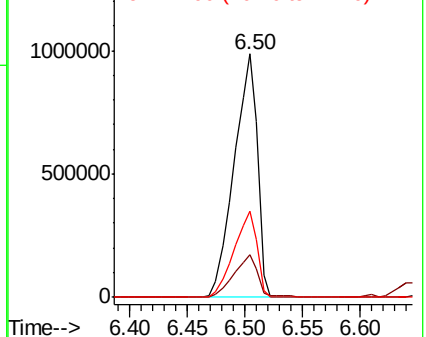
99 100

42 17.8 13.2 19.8

71 35.6 27.4 41.2



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: 54.648 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

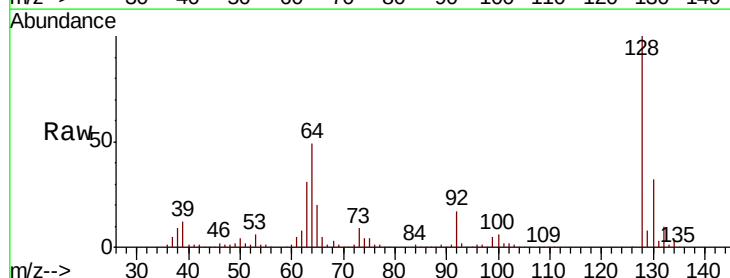
Tgt Ion: 128 Resp: 588047

Ion Ratio Lower Upper

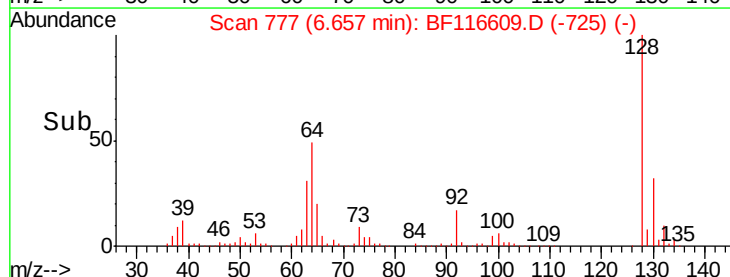
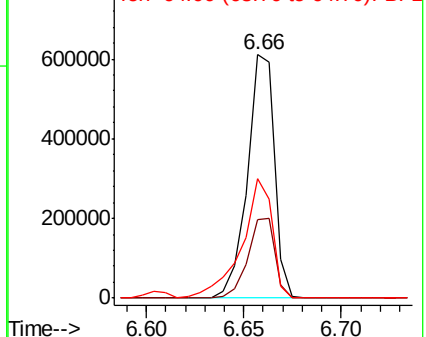
128 100

130 32.4 11.8 51.8

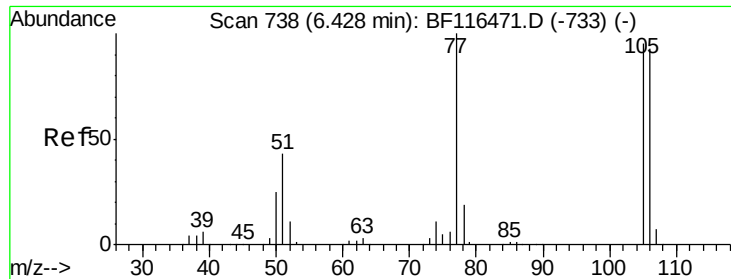
64 49.3 26.9 66.9



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: 44.150 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

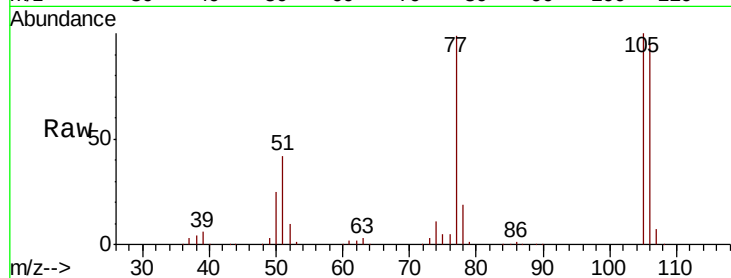
Tot Ion: 77 Resp: 370893

Ion Ratio Lower Upper

77 100

105 100.7 81.6 121.6

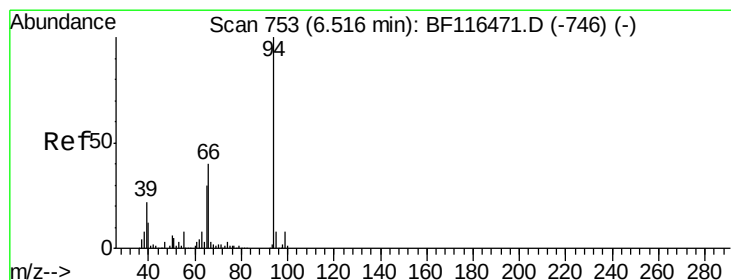
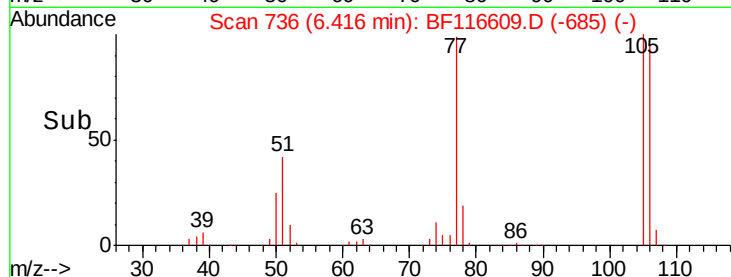
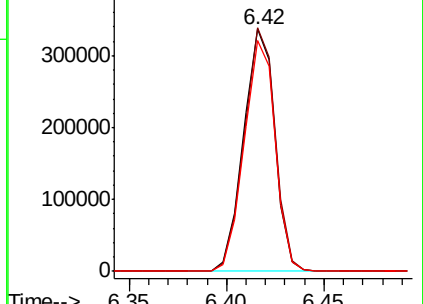
106 95.2 77.1 117.1



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: 56.448 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

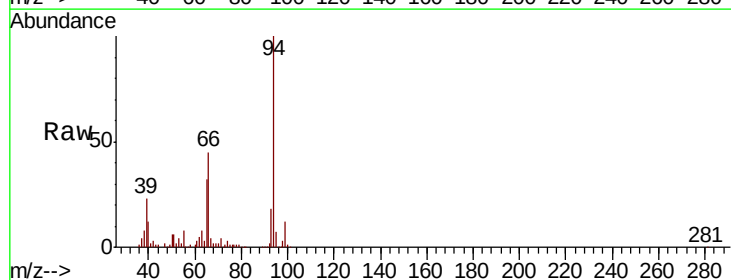
Tgt Ion: 94 Resp: 770701

Ion Ratio Lower Upper

94 100

65 31.6 8.6 48.6

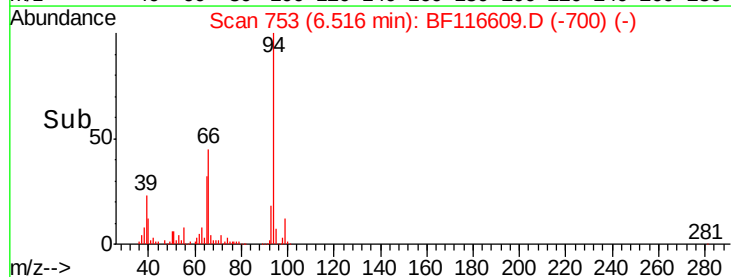
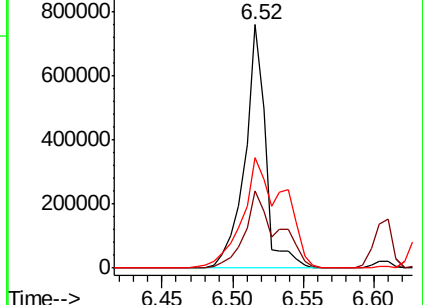
66 45.4 18.0 58.0



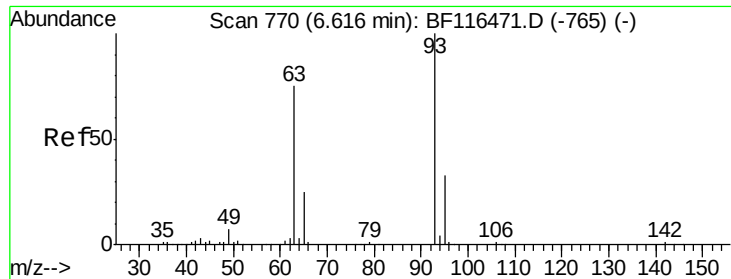
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



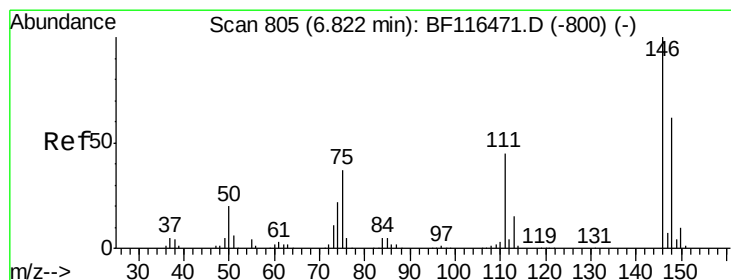
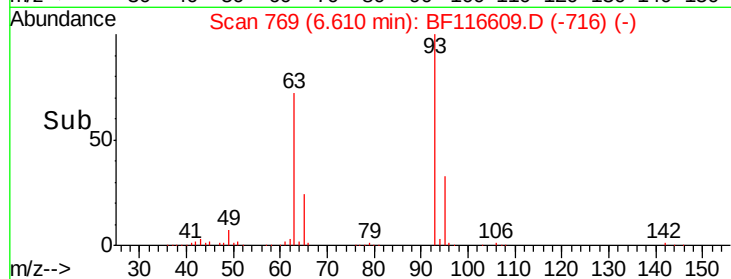
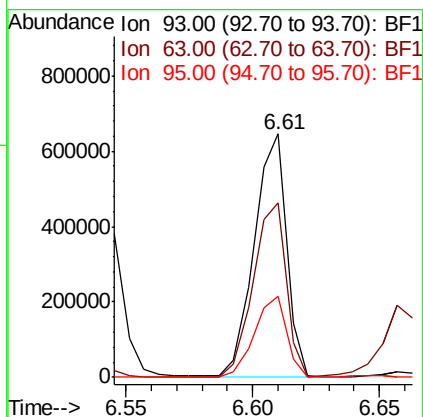
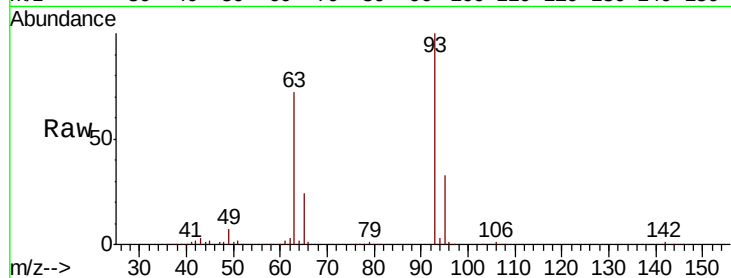




#11  
 bis(2-Chloroethyl)ether  
 Concen: 55.762 ng  
 RT: 6.61 min Scan# 769  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

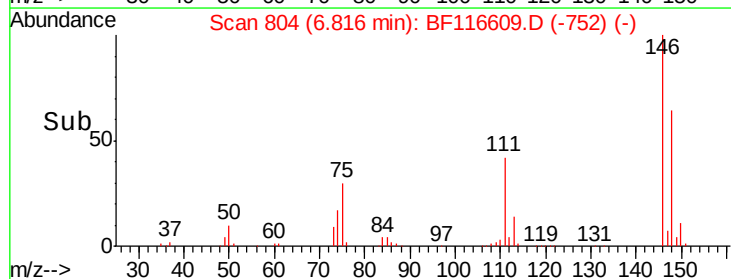
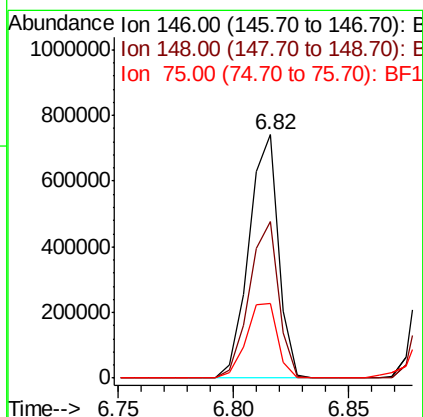
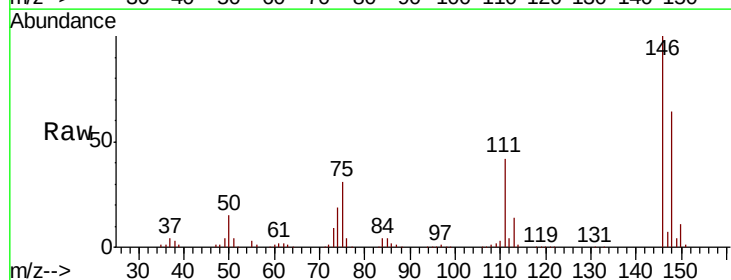
Instrument :  
 BNA\_F  
 ClientSampled :

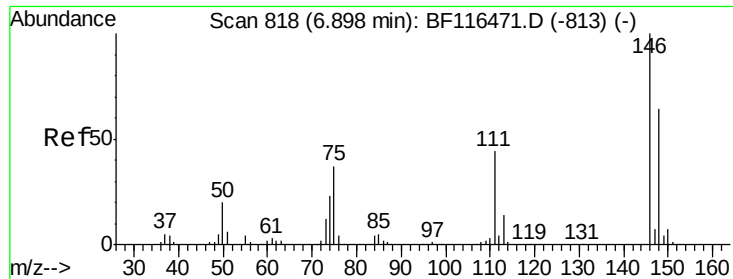
Tot Ion: 93 Resp: 579679  
 Ion Ratio Lower Upper  
 93 100  
 63 71.6 54.7 94.7  
 95 33.1 12.7 52.7



#12  
 1,3-Dichlorobenzene  
 Concen: 57.096 ng  
 RT: 6.82 min Scan# 804  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion: 146 Resp: 665000  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 51.0 76.6  
 75 30.7 25.1 37.7

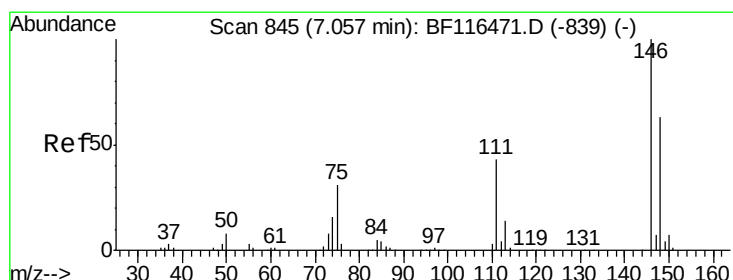
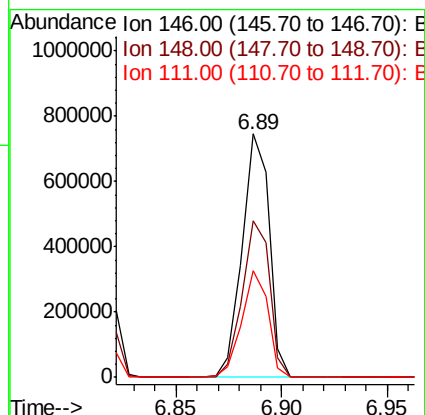
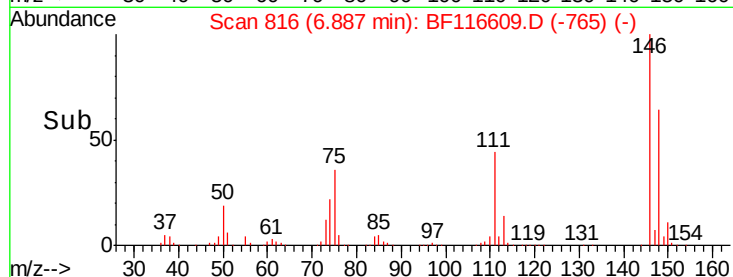
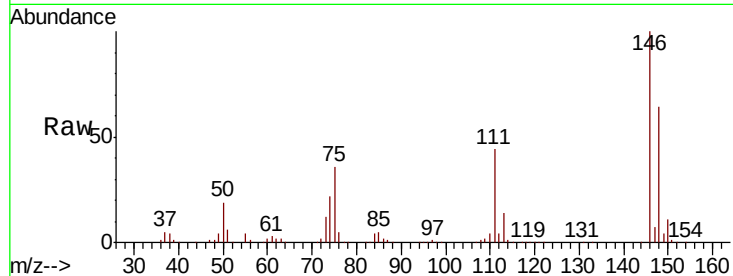




#13  
 1,4-Dichlorobenzene  
 Concen: 59.136 ng  
 RT: 6.89 min Scan# 816  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

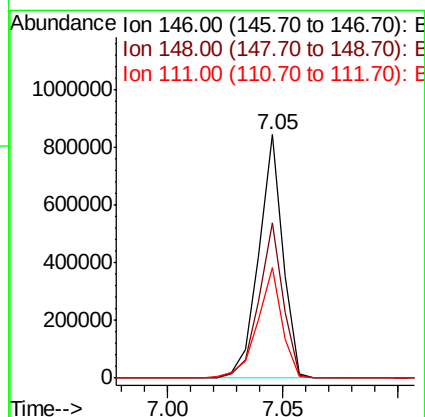
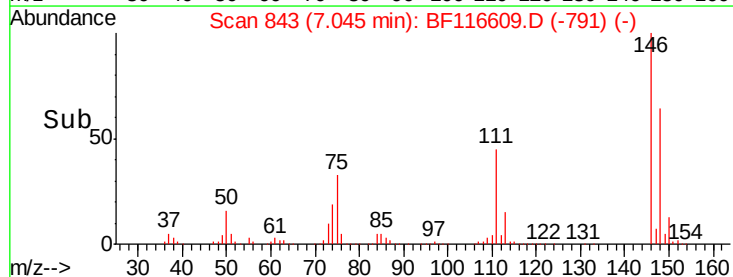
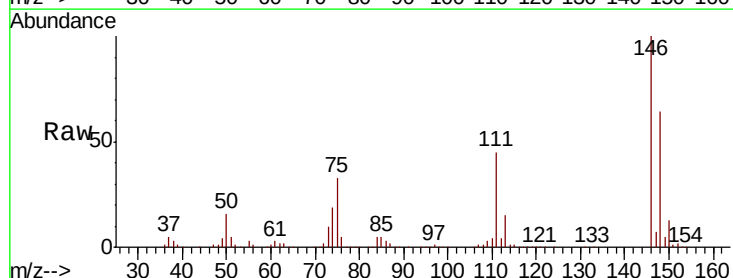
Instrument :  
 BNA\_F  
 ClientSampled :

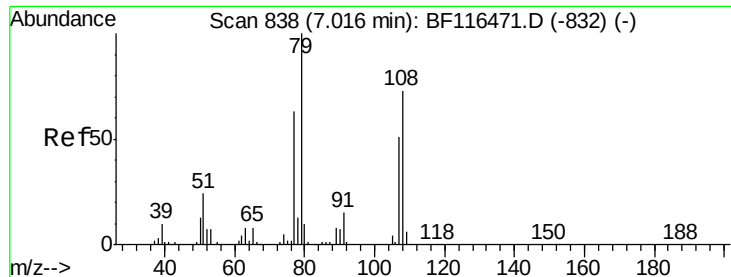
Tot Ion:146 Resp: 662893  
 Ion Ratio Lower Upper  
 146 100  
 148 64.4 51.0 76.6  
 111 44.0 33.1 49.7



#14  
 1,2-Dichlorobenzene  
 Concen: 58.437 ng  
 RT: 7.05 min Scan# 843  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion:146 Resp: 617952  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 51.8 77.6  
 111 45.5 34.9 52.3





#15

Benzyl Alcohol

Concen: 53.969 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampled :

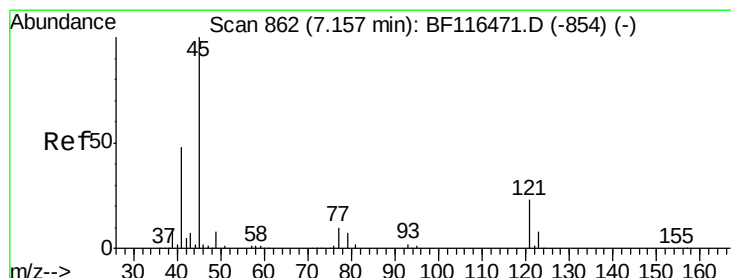
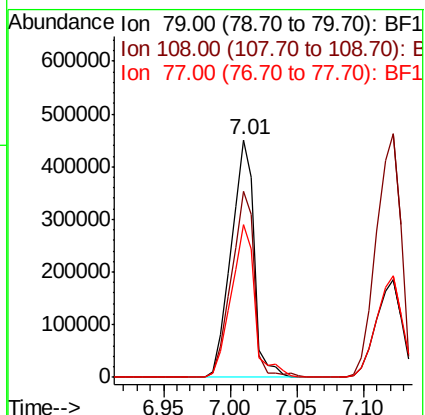
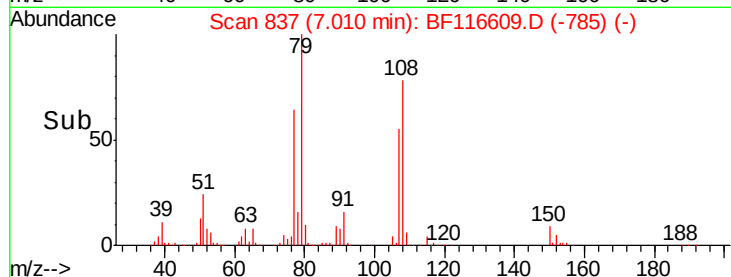
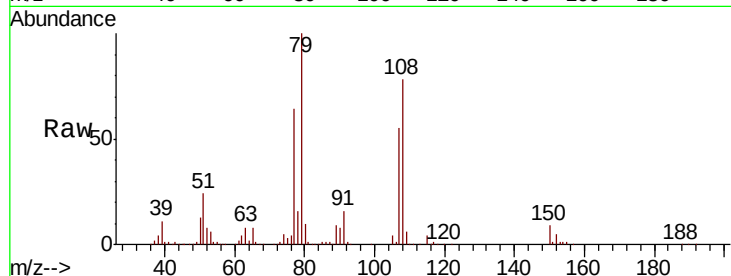
Tot Ion: 79 Resp: 549135

Ion Ratio Lower Upper

79 100

108 78.2 62.2 93.4

77 64.0 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 53.127 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

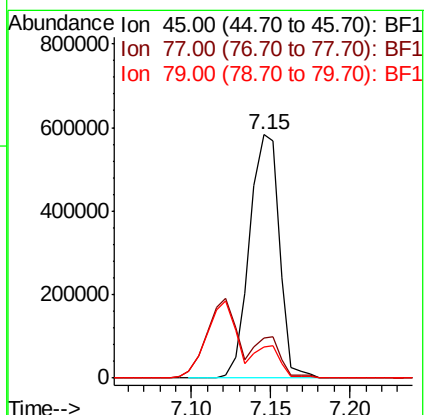
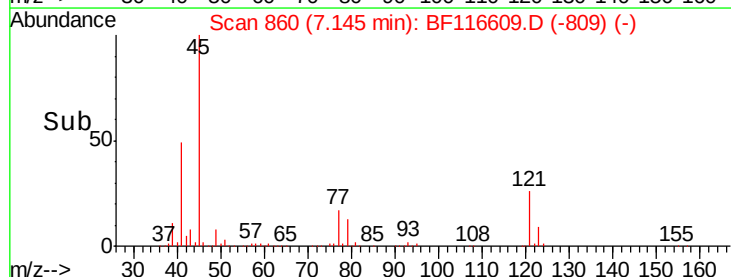
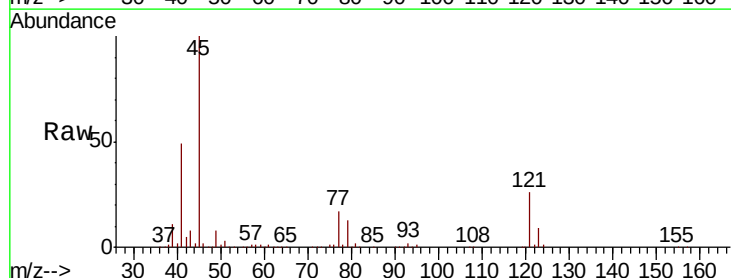
Tgt Ion: 45 Resp: 763625

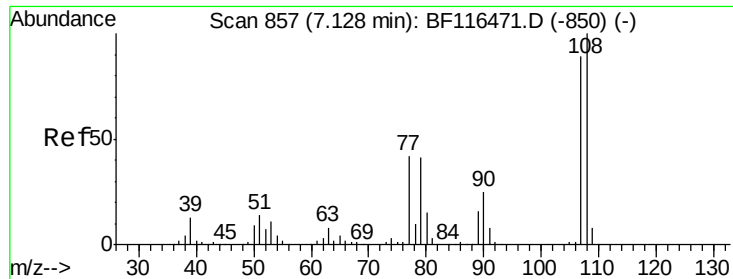
Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.4

79 12.9 0.0 32.9

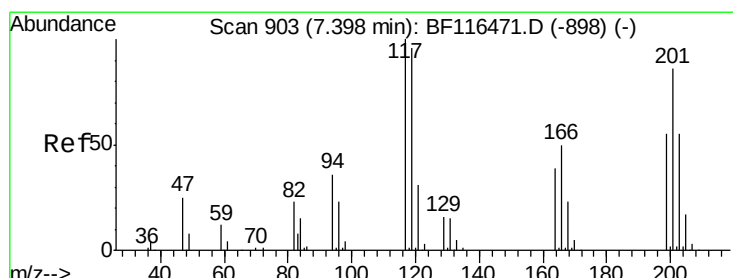
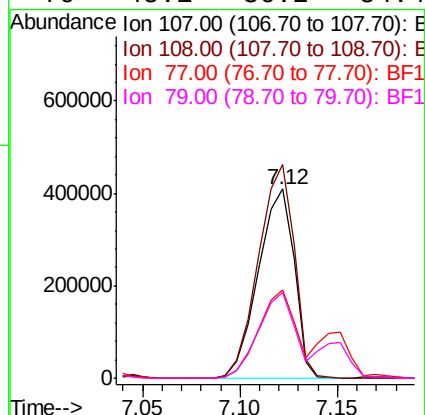
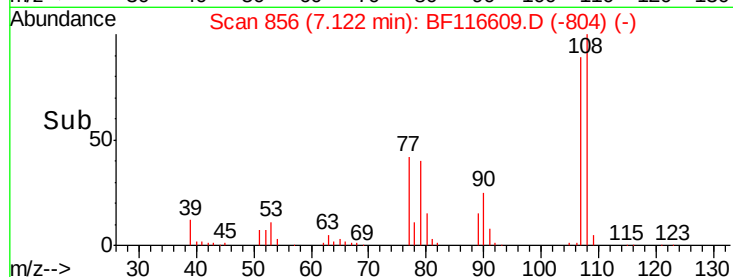
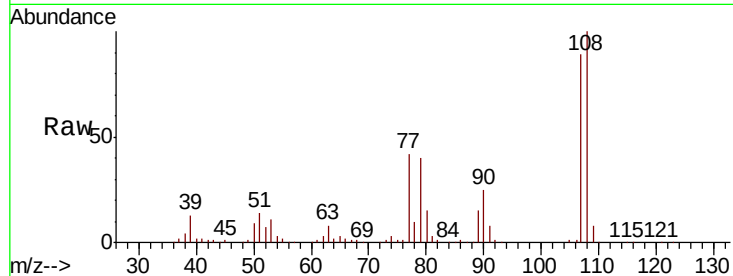




#17  
2-Methylphenol  
Concen: 58.385 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

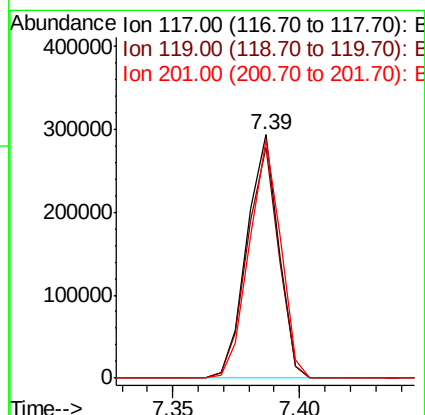
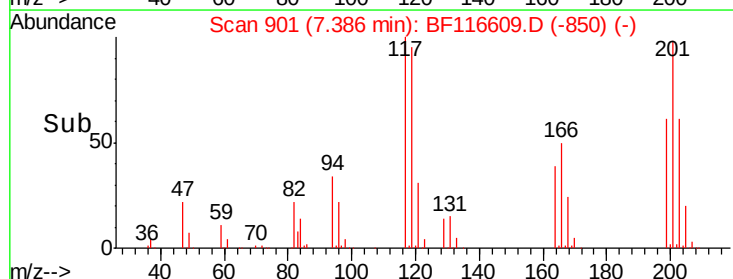
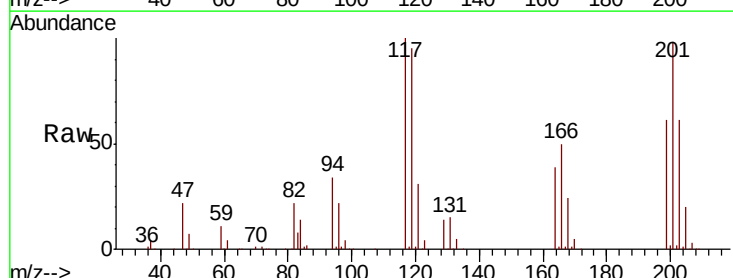
Instrument :  
BNA\_F  
ClientSampleId :

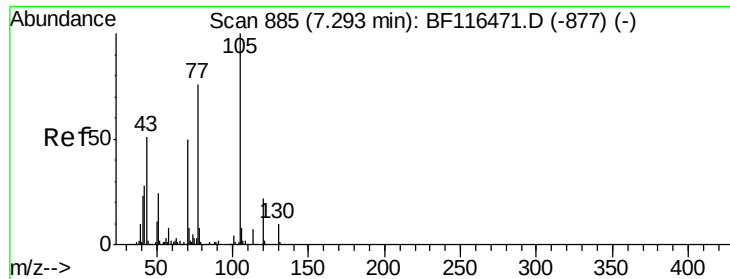
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 520539 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.9 | 90.9  | 136.3  |
| 77       | 46.9  | 36.8  | 55.2   |
| 79       | 45.1  | 36.2  | 54.4   |



#18  
Hexachloroethane  
Concen: 58.164 ng  
RT: 7.39 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 254280 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.9  | 78.6  | 118.0  |
| 201      | 98.2  | 86.2  | 129.2  |

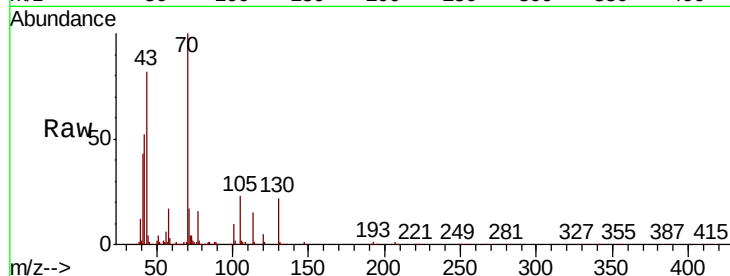




#19  
n-Nitroso-di-n-propylamine  
Concen: 51.058 ng  
RT: 7.29 min Scan# 885  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 438042 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.6  | 41.2  | 61.8   |
| 101      | 9.8   | 7.7   | 11.5   |
| 130      | 22.0  | 17.9  | 26.9   |



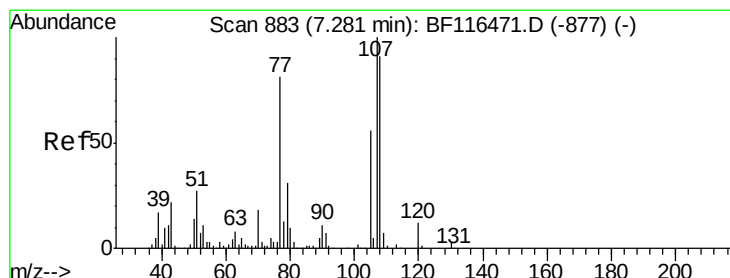
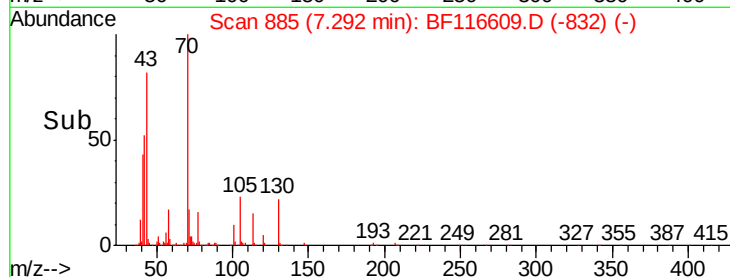
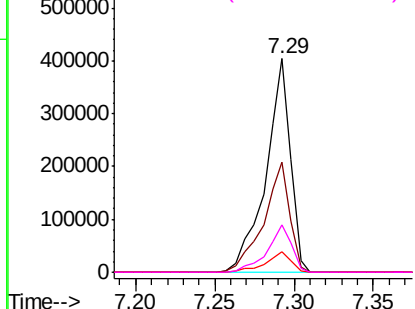
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

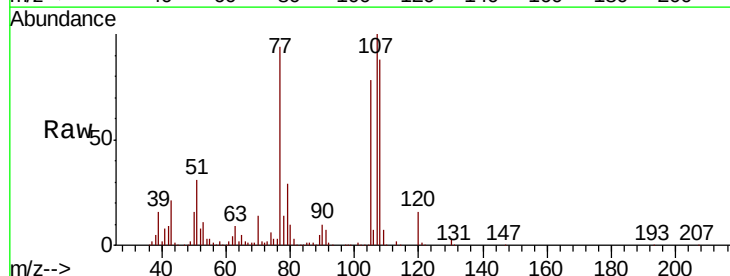
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20  
3+4-Methylphenols  
Concen: 55.590 ng  
RT: 7.27 min Scan# 882  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 607136 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.3  | 72.6  | 112.6  |
| 77       | 93.8  | 82.4  | 122.4  |
| 79       | 29.0  | 10.6  | 50.6   |



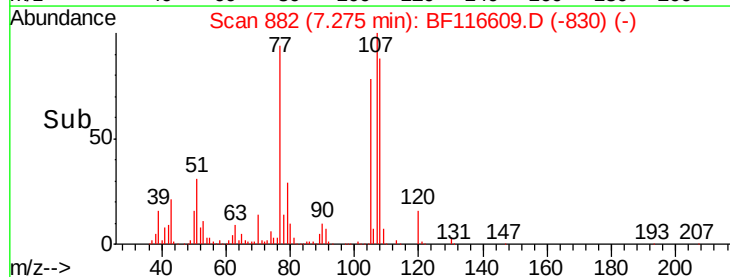
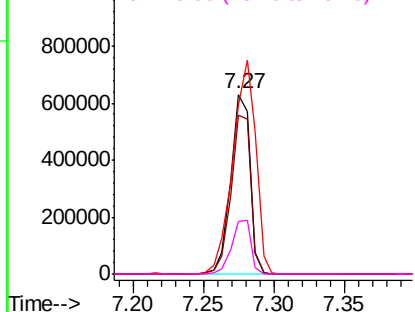
Abundance

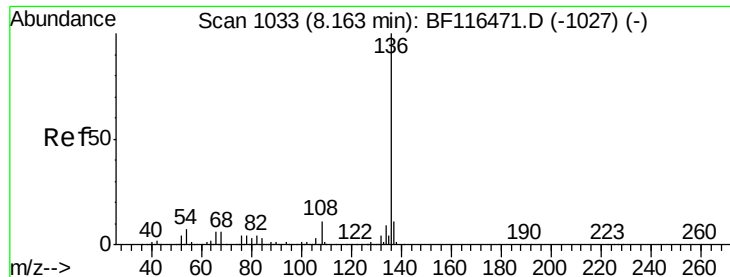
Ion 107.00 (106.70 to 107.70): E

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

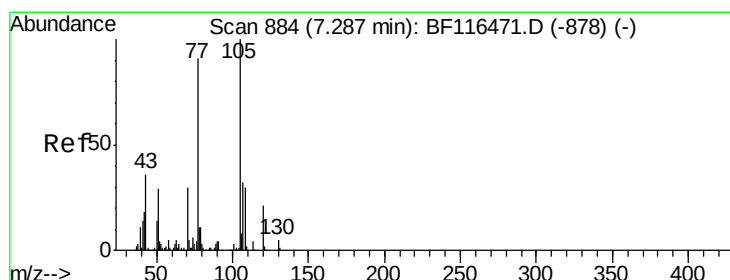
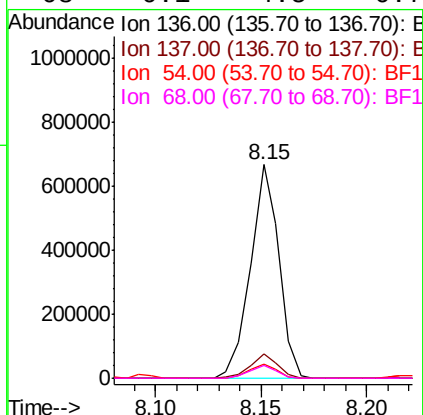
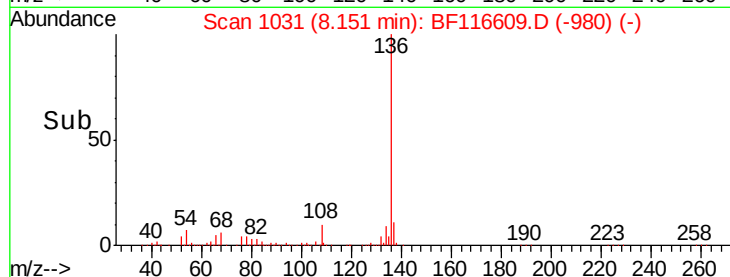
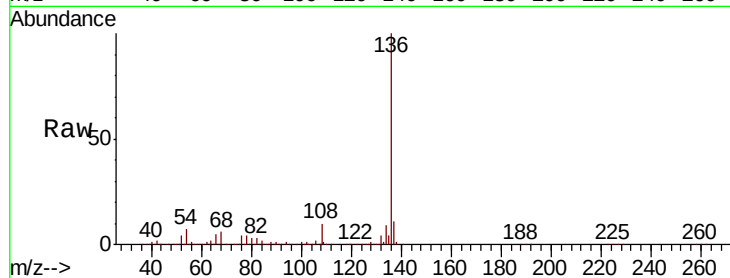




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

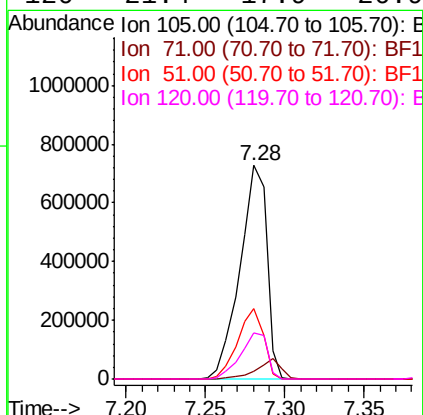
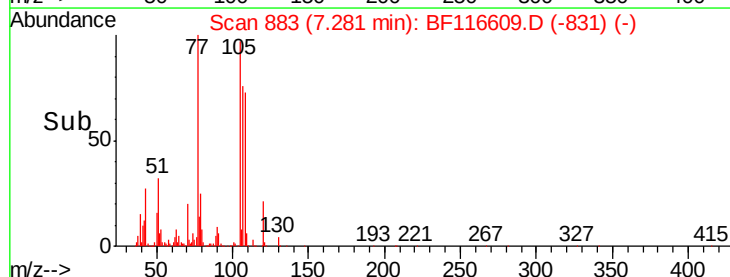
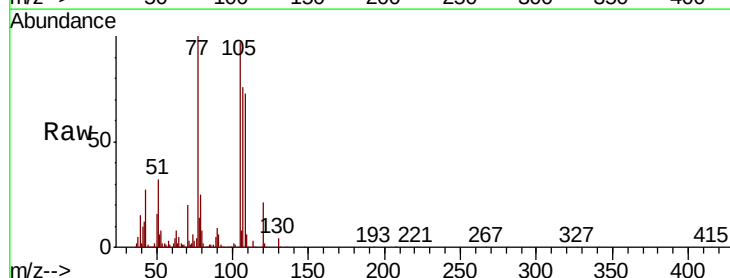
Instrument :  
BNA\_F  
ClientSampleId :

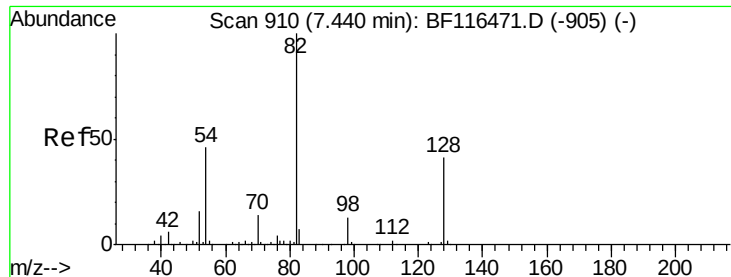
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 623692 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.2    | 8.7 13.1     |
| 54 6.8      | 5.0 7.4      |
| 68 6.1      | 4.5 6.7      |



#22  
Acetophenone  
Concen: 54.641 ng  
RT: 7.28 min Scan# 883  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 852167 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 3.5     | 5.0   | 7.6#   |
| 51  | 32.8    | 20.7  | 31.1#  |
| 120 | 21.4    | 17.9  | 26.9   |

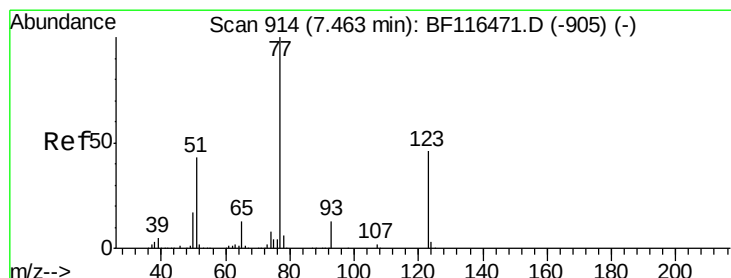
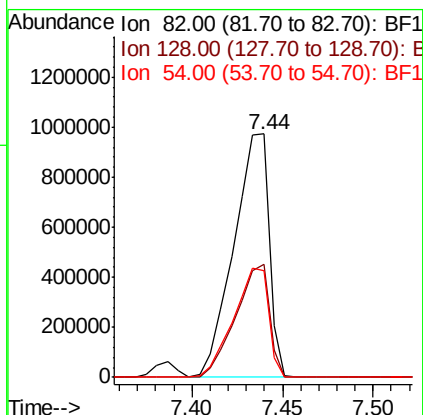
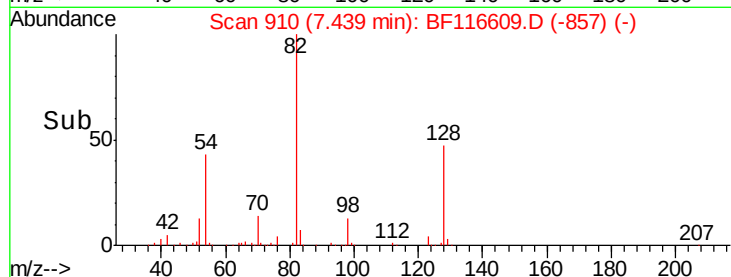
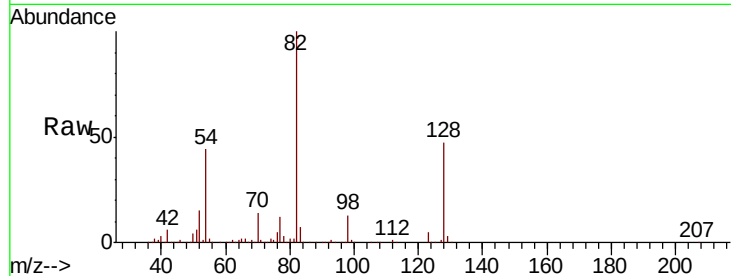




#23  
Nitrobenzene-d5  
Concen: 115.703 ng  
RT: 7.44 min Scan# 910  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

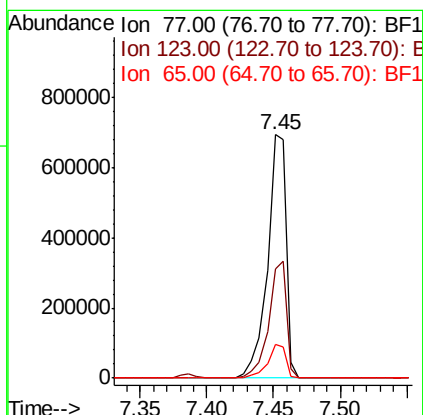
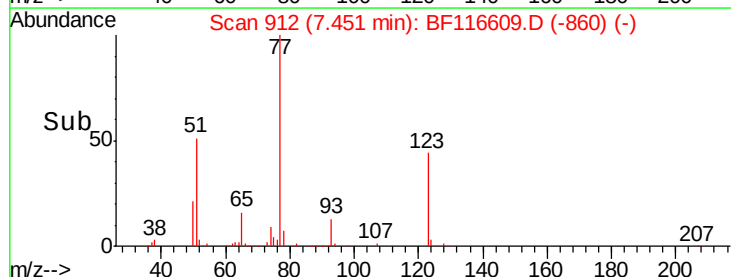
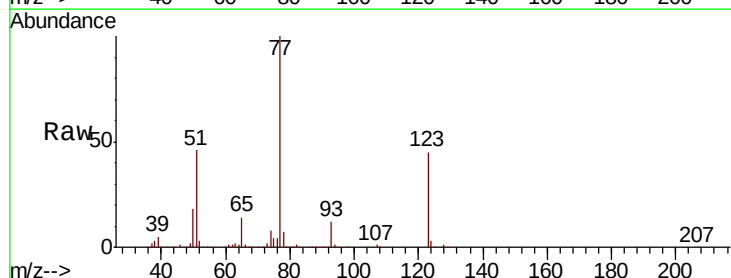
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 1319011  
Ion Ratio Lower Upper  
82 100  
128 46.5 35.0 52.6  
54 44.0 34.4 51.6

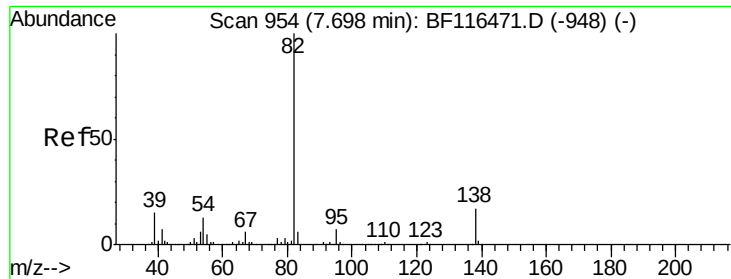


#24  
Nitrobenzene  
Concen: 56.978 ng  
RT: 7.45 min Scan# 912  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion: 77 Resp: 672675  
Ion Ratio Lower Upper  
77 100  
123 44.7 38.2 57.4  
65 13.8 11.0 16.6







#25

Isophorone

Concen: 52.853 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

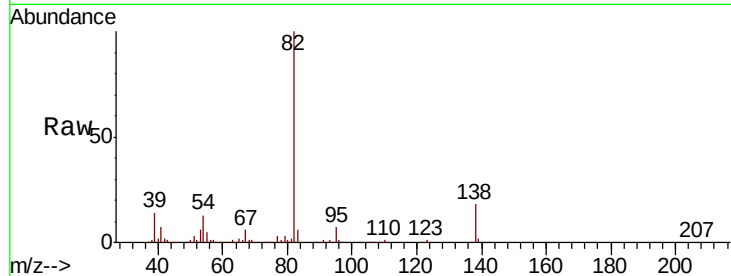
Tot Ion: 82 Resp: 1187368

Ion Ratio Lower Upper

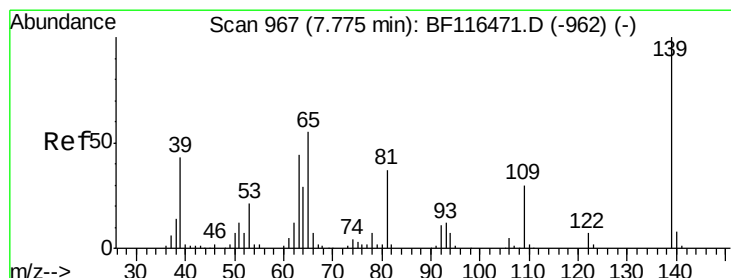
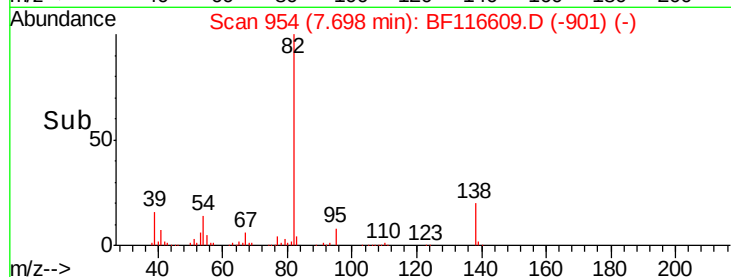
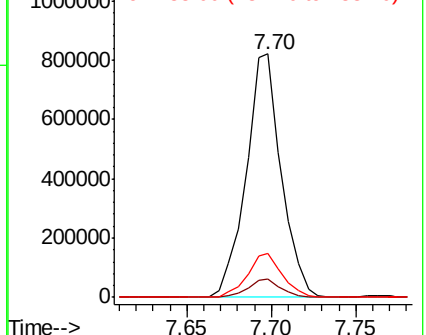
82 100

95 7.4 5.6 8.4

138 18.2 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 75.318 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

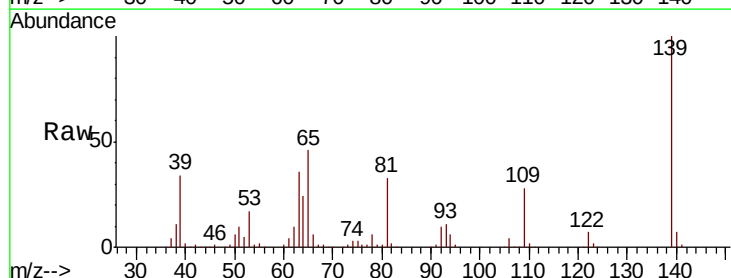
Tgt Ion: 139 Resp: 324798

Ion Ratio Lower Upper

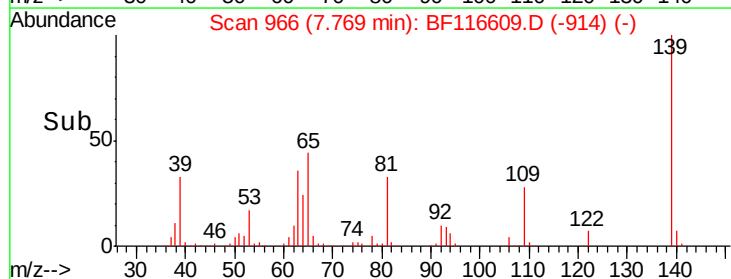
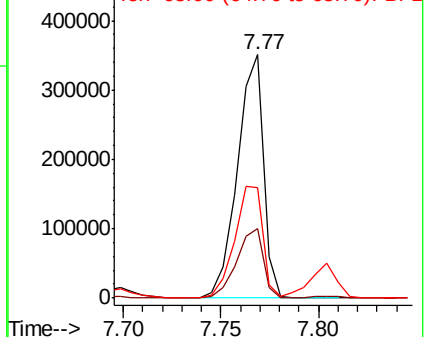
139 100

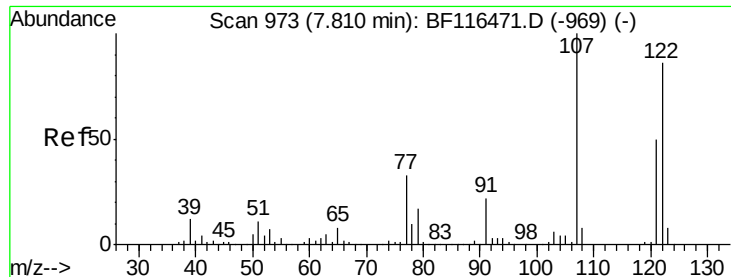
109 28.4 22.4 33.6

65 45.6 36.9 55.3



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

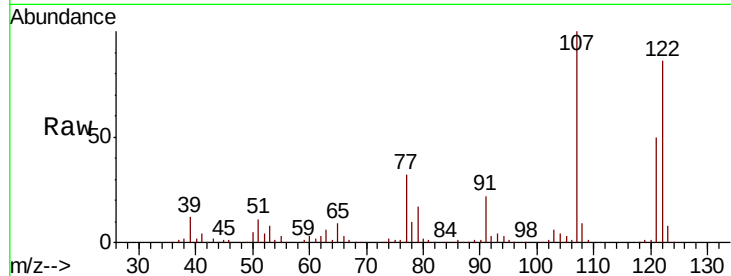




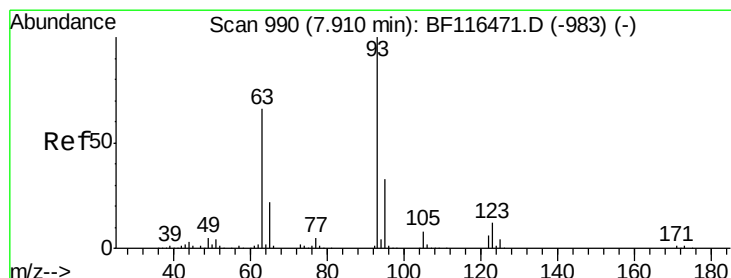
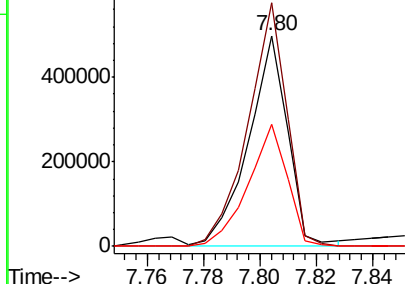
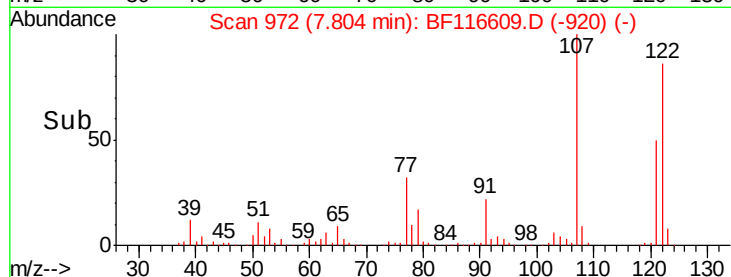
#27  
 2,4-Dimethylphenol  
 Concen: 53.400 ng  
 RT: 7.80 min Scan# 972  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:122 Resp: 480483  
 Ion Ratio Lower Upper  
 122 100  
 107 115.8 95.4 143.0  
 121 57.8 47.8 71.8

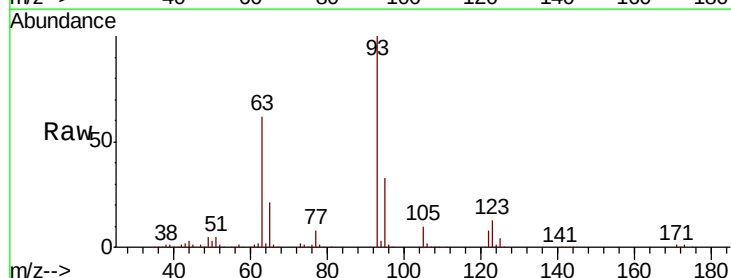


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

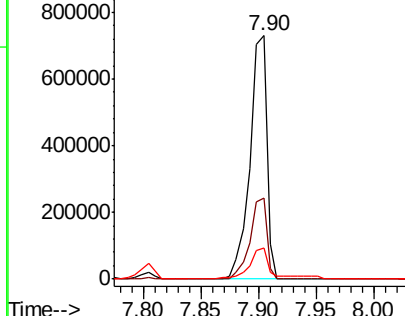
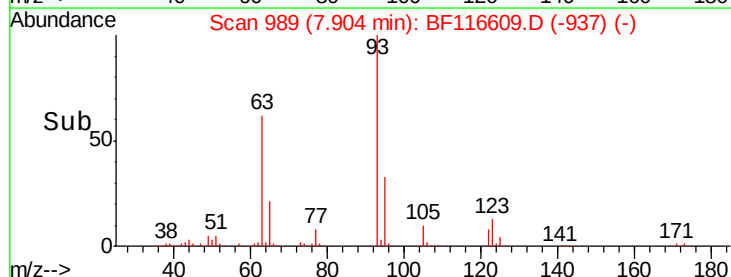


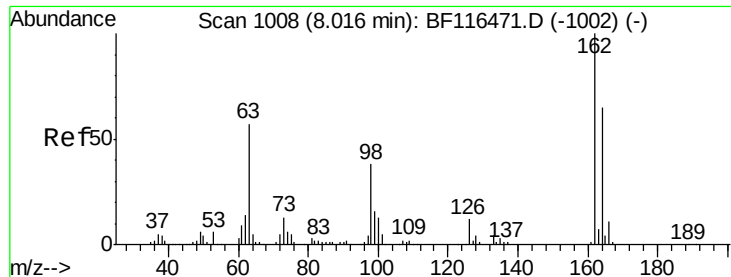
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 53.328 ng  
 RT: 7.90 min Scan# 989  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion: 93 Resp: 739862  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.1 39.1  
 123 12.8 10.4 15.6



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

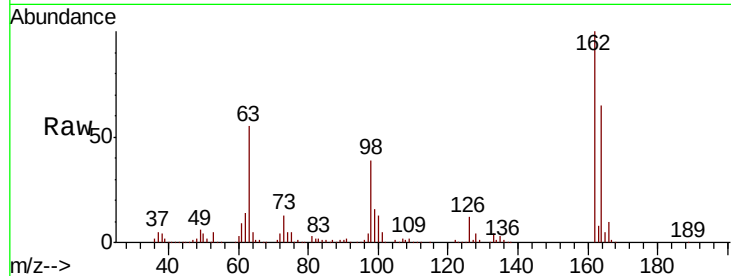




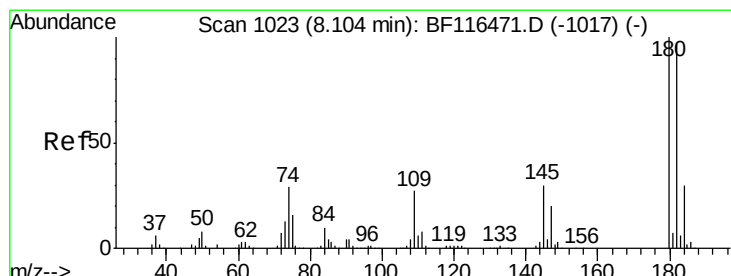
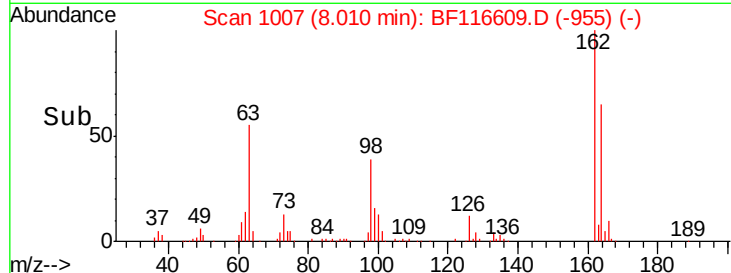
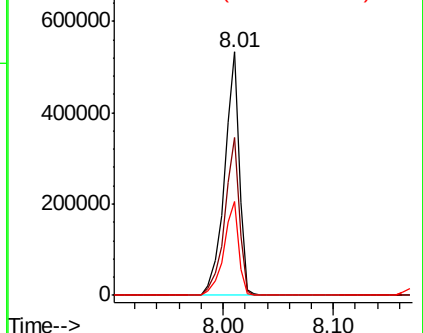
#29  
2,4-Dichlorophenol  
Concen: 58.447 ng  
RT: 8.01 min Scan# 1007  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.7  | 45.9  | 85.9  |
| 98      | 38.7  | 17.4  | 57.4  |

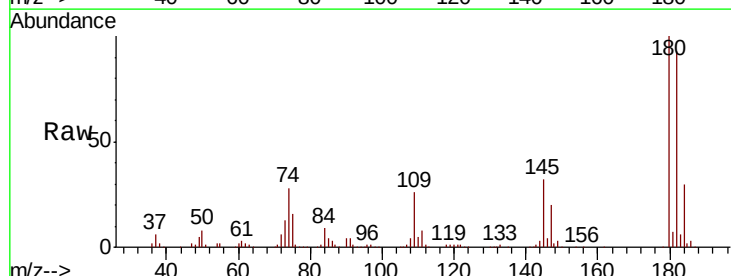


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

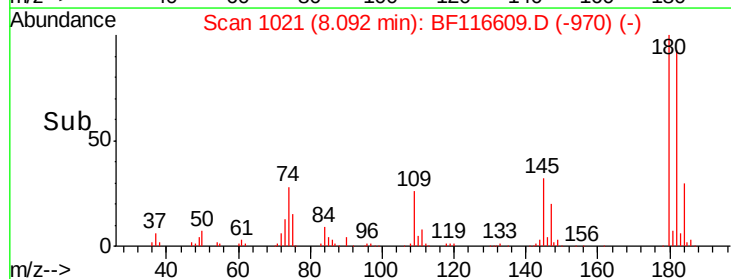
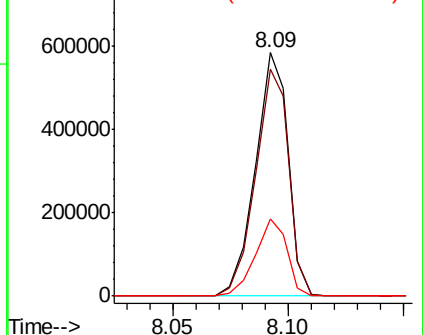


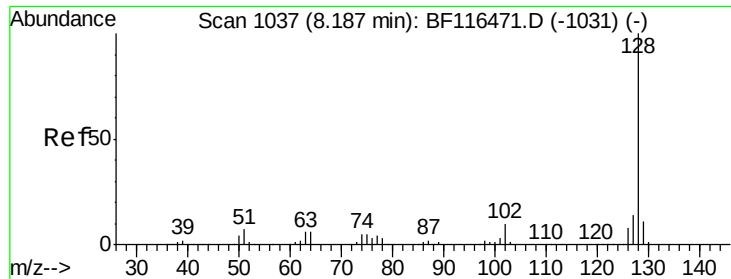
#30  
1,2,4-Trichlorobenzene  
Concen: 59.686 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.00 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.0  | 76.7  | 115.1 |
| 145     | 31.9  | 24.1  | 36.1  |



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





#31

Naphthalene

Concen: 56.007 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

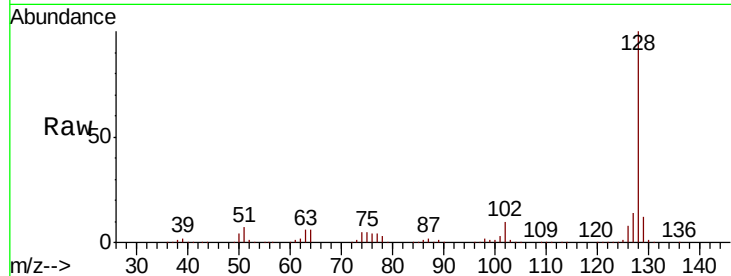
Tot Ion:128 Resp: 1689824

Ion Ratio Lower Upper

128 100

129 11.8 8.9 13.3

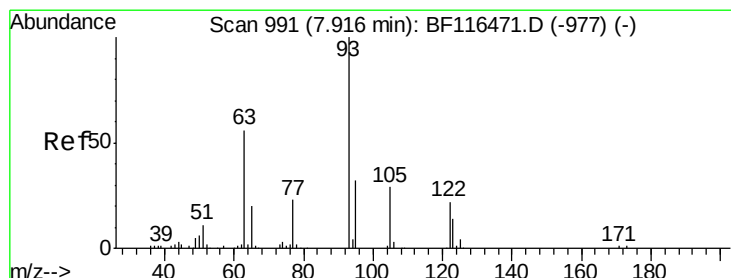
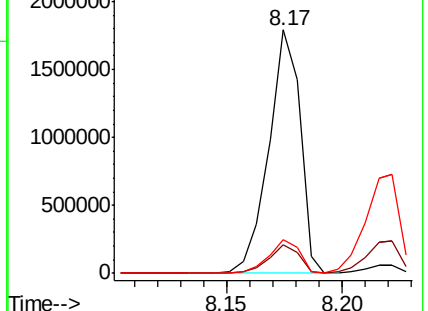
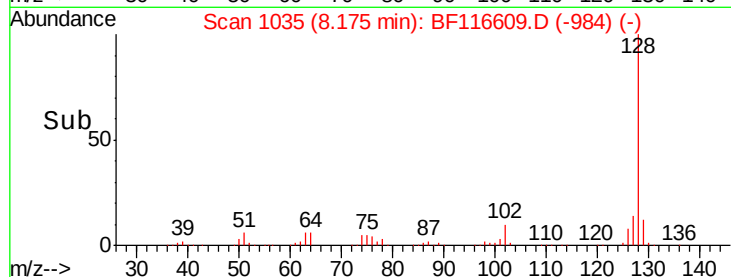
127 14.0 10.9 16.3



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: 78.718 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.04 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

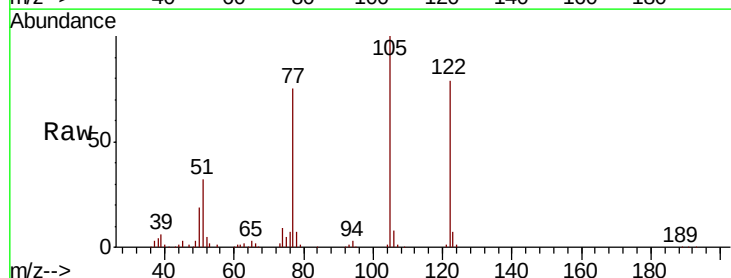
Tgt Ion:122 Resp: 452805

Ion Ratio Lower Upper

122 100

105 127.0 105.8 145.8

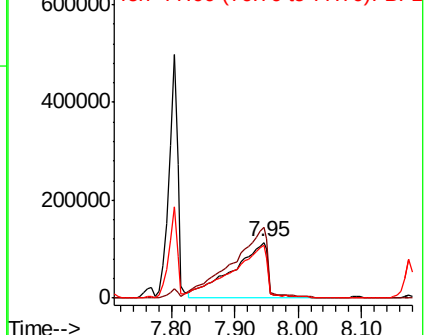
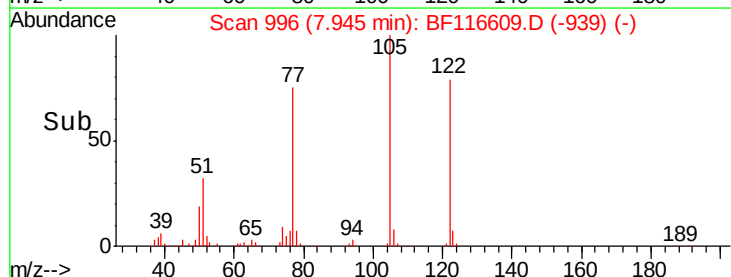
77 95.6 74.1 114.1

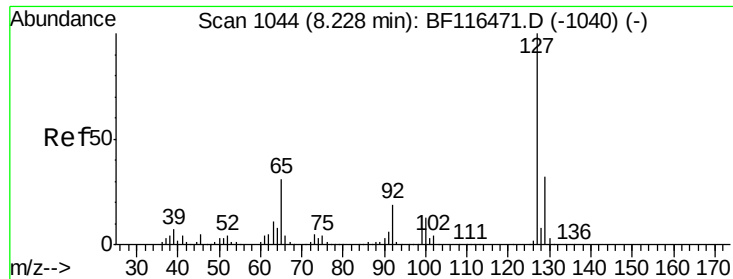


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

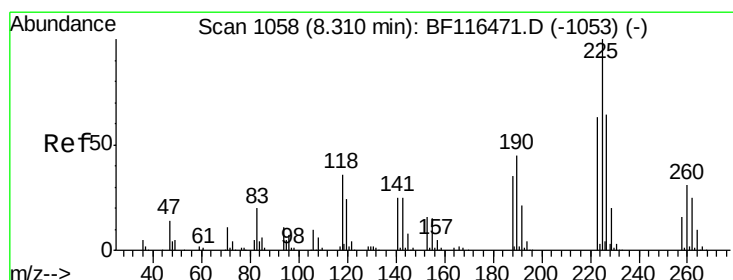
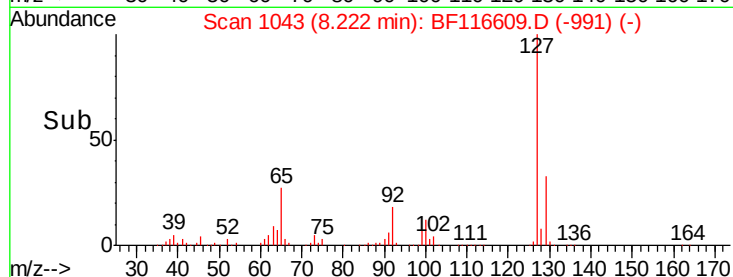
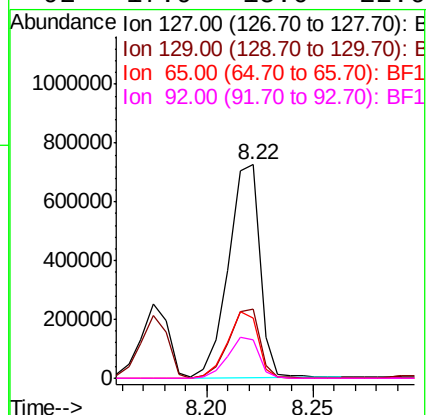
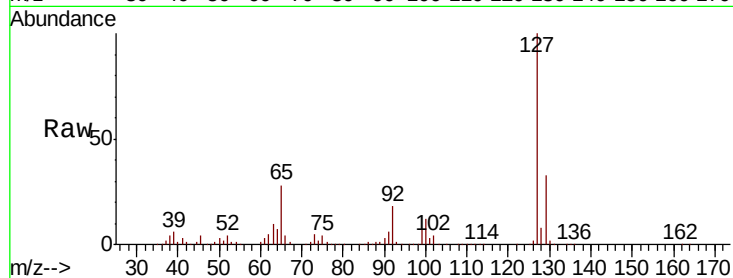




#33  
4-Chloroaniline  
Concen: 56.290 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

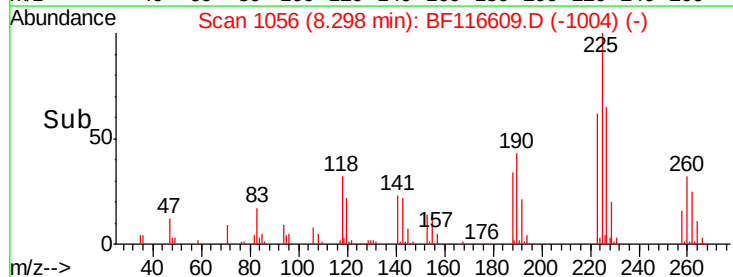
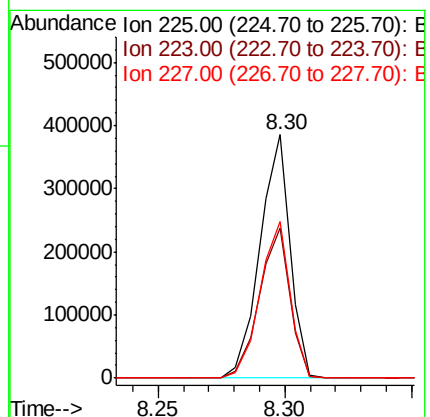
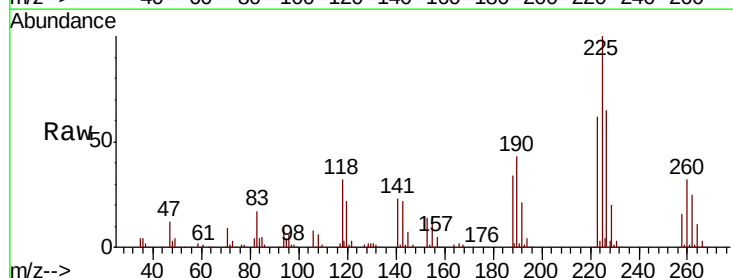
Instrument :  
BNA\_F  
ClientSampleId :

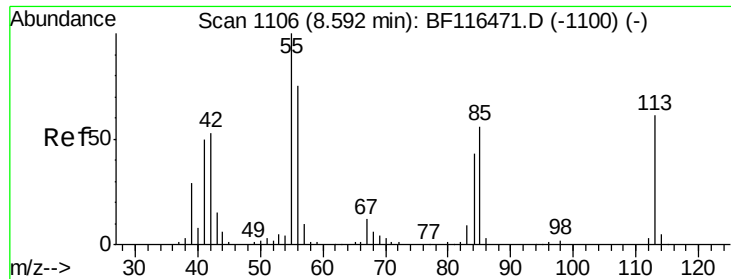
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 745577 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 25.9  | 38.9   |
| 65       | 27.9  | 22.6  | 33.8   |
| 92       | 17.9  | 15.0  | 22.6   |



#34  
Hexachlorobutadiene  
Concen: 60.833 ng  
RT: 8.30 min Scan# 1056  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 319597 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.5  | 50.7  | 76.1   |
| 227      | 64.5  | 50.4  | 75.6   |

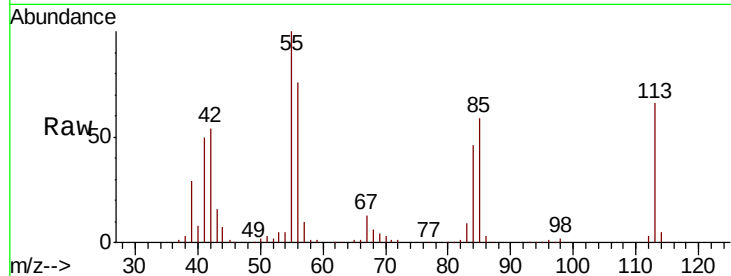




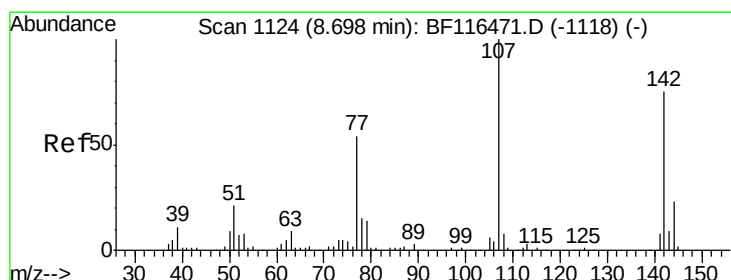
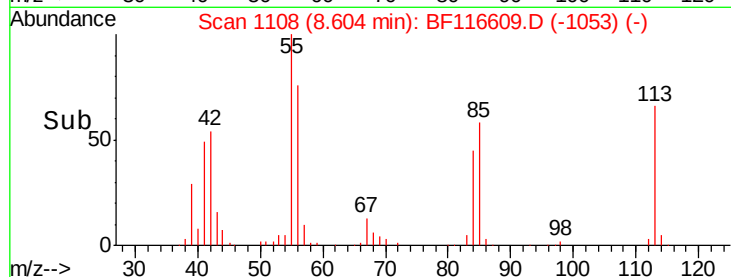
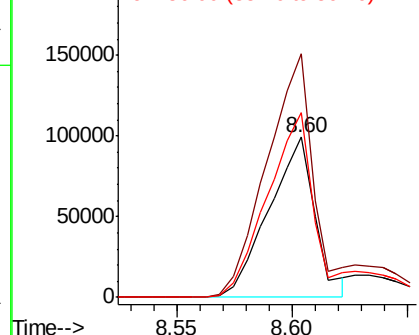
#35  
Caprolactam  
Concen: 46.100 ng  
RT: 8.60 min Scan# 1108  
Delta R.T. 0.02 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:113 Resp: 137406  
Ion Ratio Lower Upper  
113 100  
55 152.2 128.3 168.3  
56 115.8 93.2 133.2

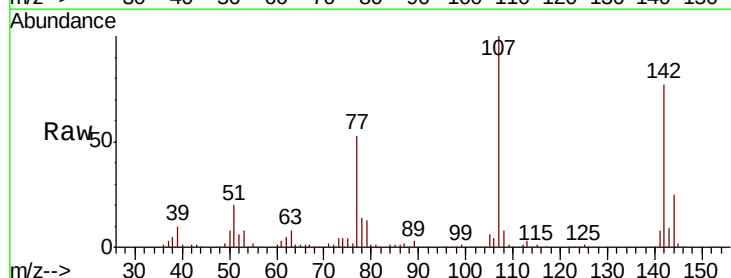


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF1  
Ion 56.00 (55.70 to 56.70): BF1

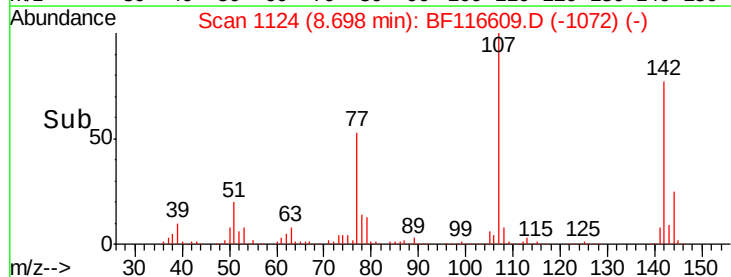
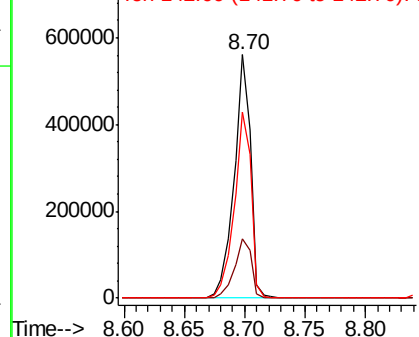


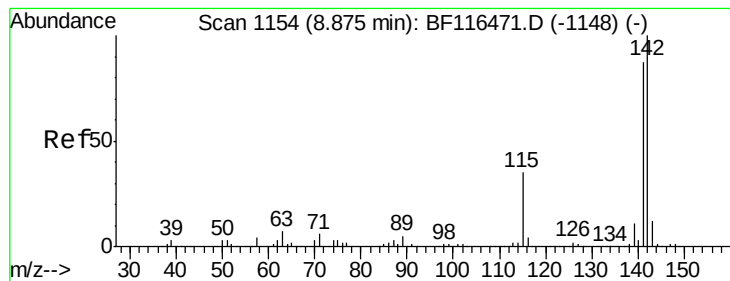
#36  
4-Chloro-3-methylphenol  
Concen: 54.965 ng  
RT: 8.70 min Scan# 1124  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:107 Resp: 530684  
Ion Ratio Lower Upper  
107 100  
144 24.6 20.6 30.8  
142 76.6 63.8 95.6



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

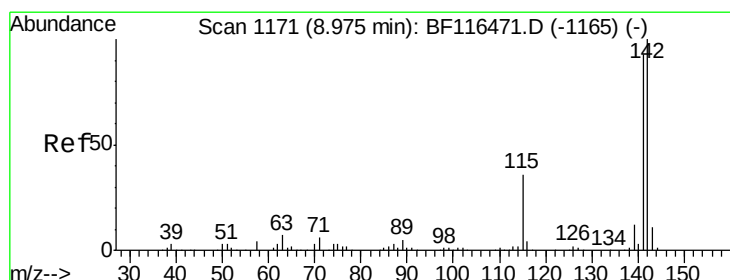
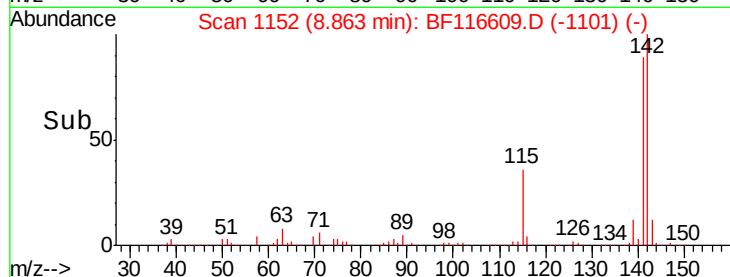
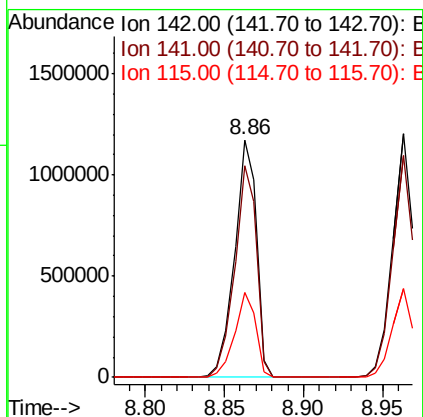
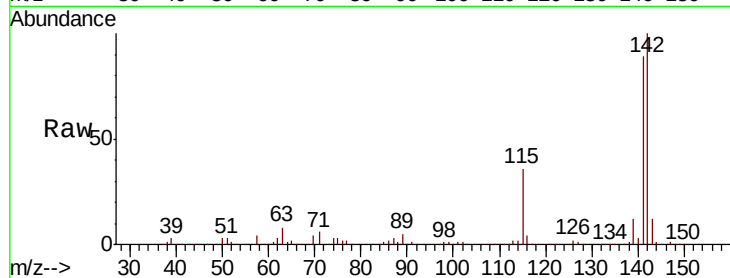




#37  
2-Methylnaphthalene  
Concen: 54.099 ng  
RT: 8.86 min Scan# 1152  
Delta R.T. -0.00 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

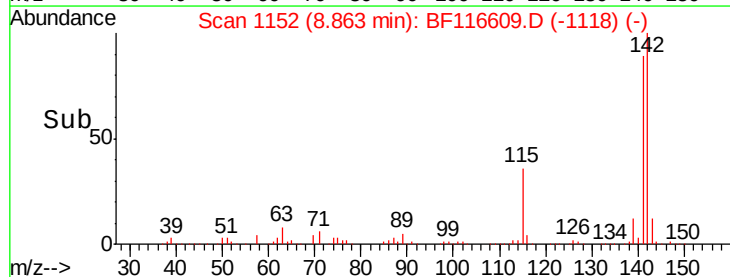
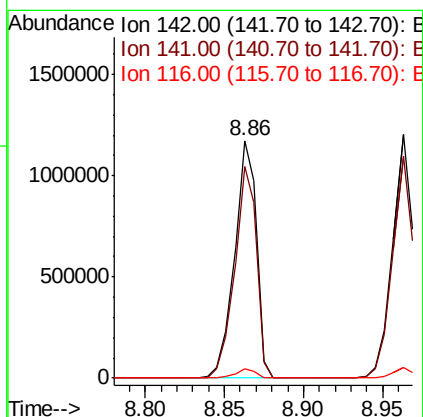
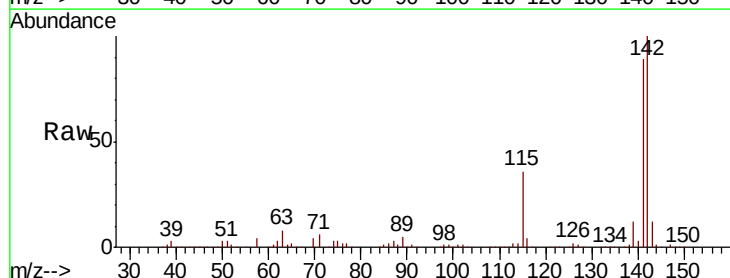
Instrument :  
BNA\_F  
ClientSampleId :

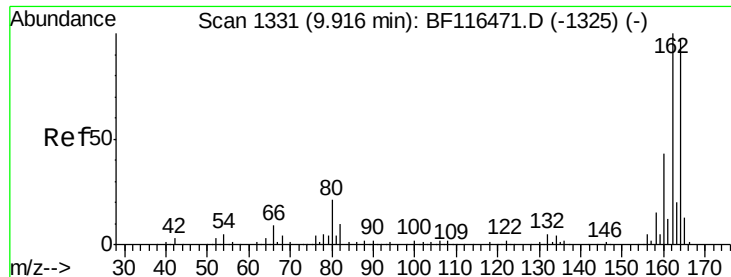
Tot Ion:142 Resp: 1120708  
Ion Ratio Lower Upper  
142 100  
141 88.9 69.5 104.3  
115 35.6 26.0 39.0



#38  
1-Methylnaphthalene  
Concen: 57.913 ng  
RT: 8.86 min Scan# 1152  
Delta R.T. -0.10 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:142 Resp: 1120708  
Ion Ratio Lower Upper  
142 100  
141 88.9 73.1 109.7  
116 3.8 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

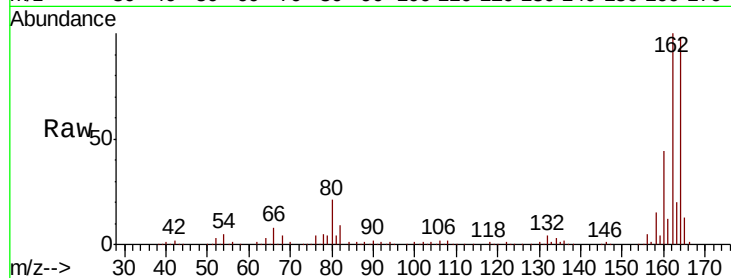
Tot Ion:164 Resp: 317433

Ion Ratio Lower Upper

164 100

162 101.5 83.4 125.0

160 44.6 37.0 55.4

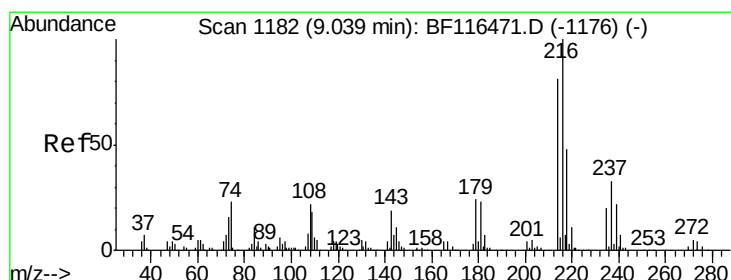
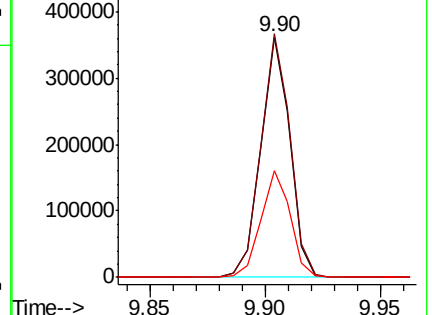
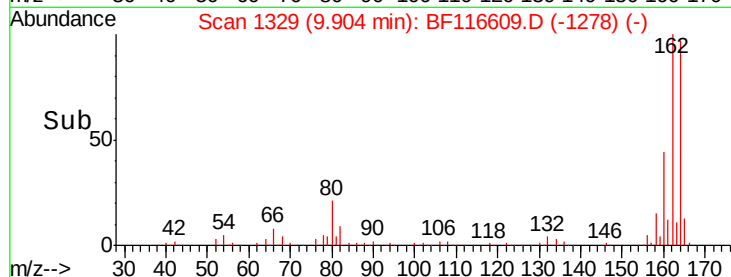


Abundance

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: 59.257 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Tgt Ion:216 Resp: 506081

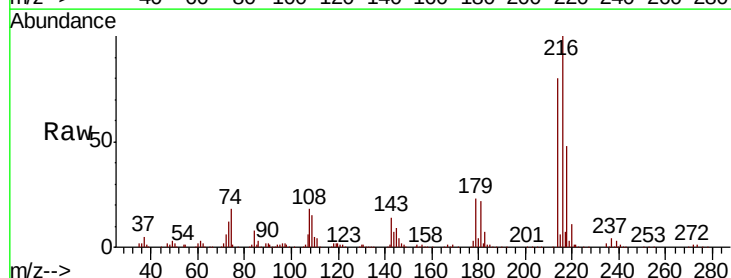
Ion Ratio Lower Upper

216 100

214 79.0 63.3 94.9

179 22.9 17.9 26.9

108 20.9 16.0 24.0



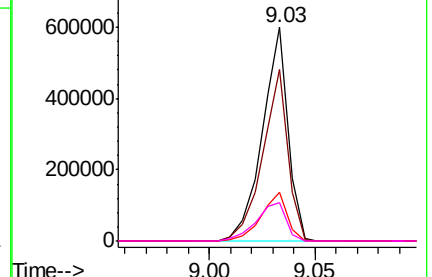
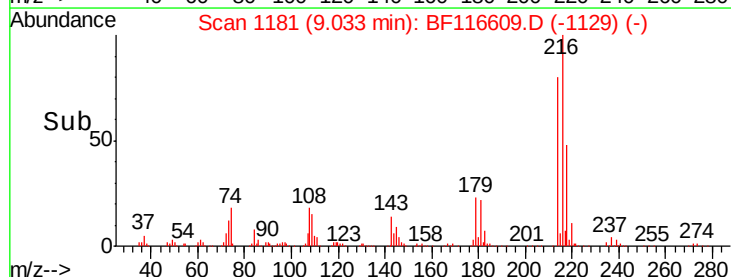
Abundance

Ion 216.00 (215.70 to 216.70): E

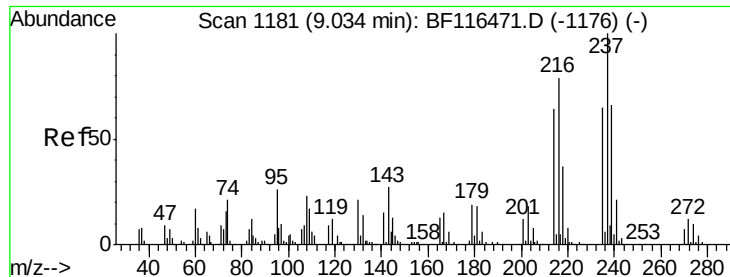
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



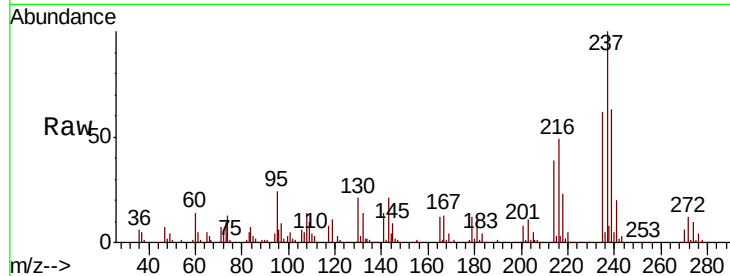




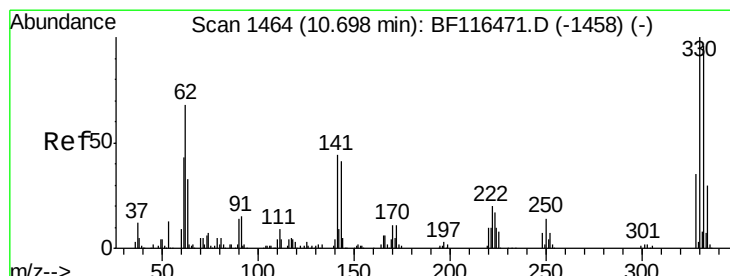
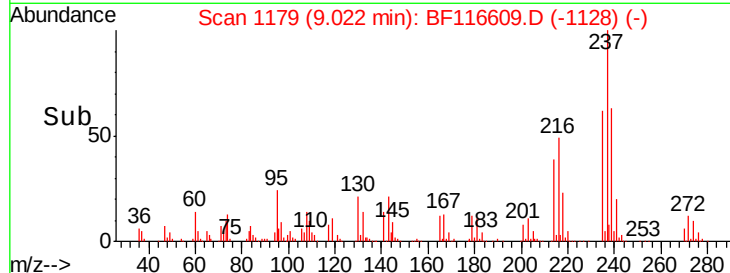
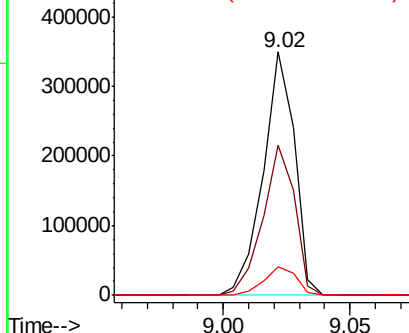
#41  
 Hexachlorocyclopentadiene  
 Concen: 66.312 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Instrument :  
 BNA\_F  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 237   | Resp: | 304700 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 61.7  | 42.9  | 82.9   |
| 272      | 11.8  | 0.0   | 33.8   |

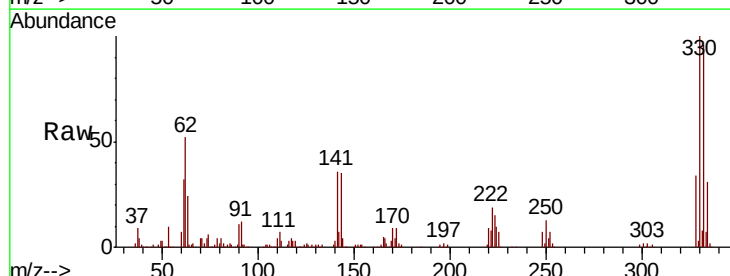


Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

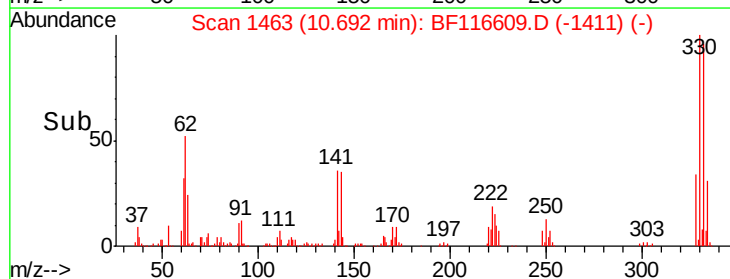
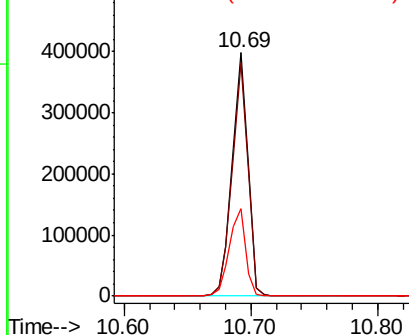


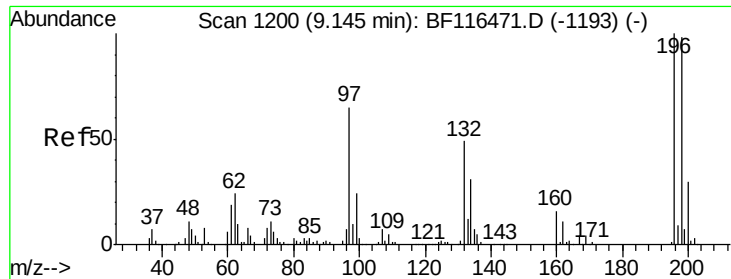
#42  
 2,4,6-Tribromophenol  
 Concen: 125.306 ng  
 RT: 10.69 min Scan# 1463  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 341548 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.4  | 77.5  | 116.3  |
| 141      | 37.1  | 28.2  | 42.2   |



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

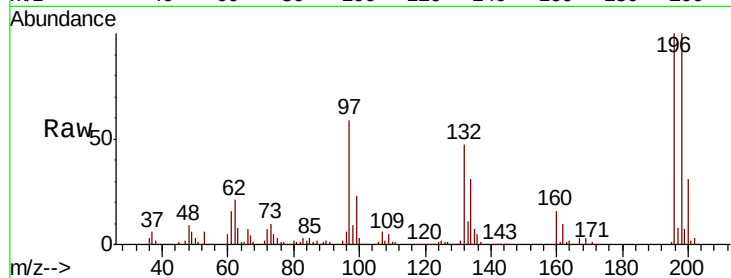




#43  
 2,4,6-Trichlorophenol  
 Concen: 61.159 ng  
 RT: 9.14 min Scan# 1199  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.6  | 76.8  | 115.2 |
| 200     | 31.0  | 25.0  | 37.6  |

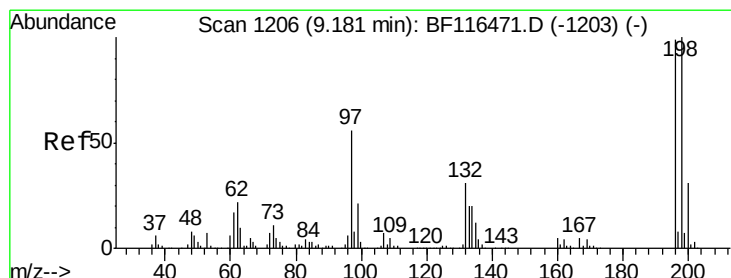
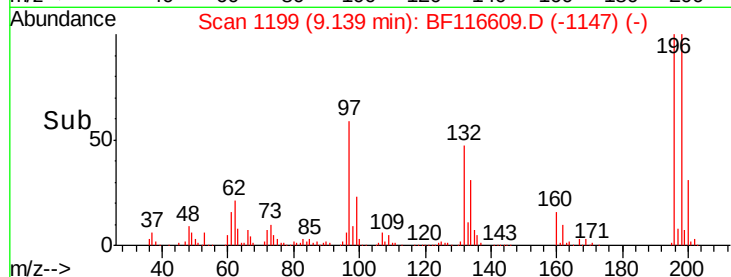
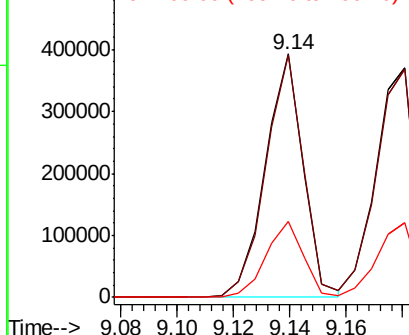


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 59.576 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.7  | 82.0  | 123.0 |
| 97      | 49.5  | 37.0  | 55.6  |
| 132     | 29.2  | 22.2  | 33.2  |

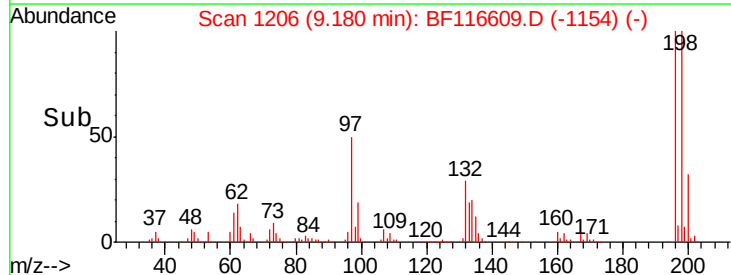
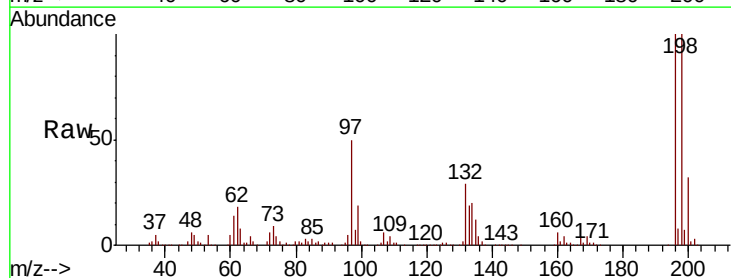
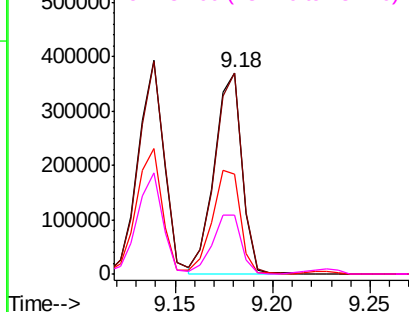
Abundance

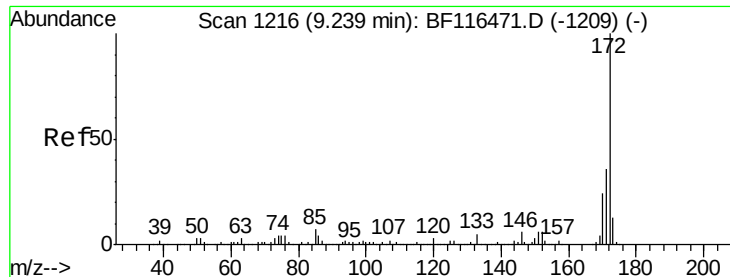
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

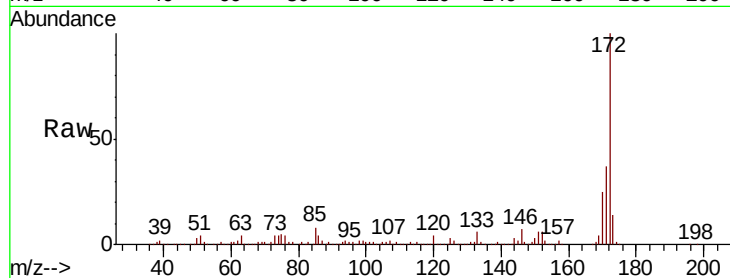




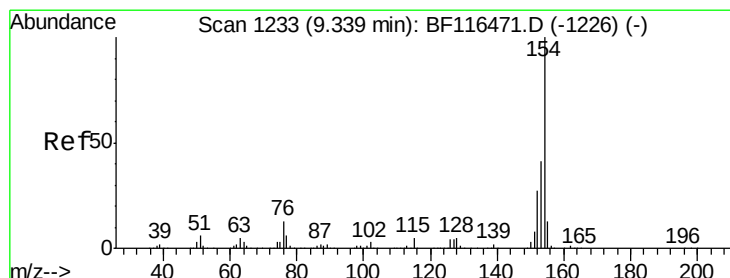
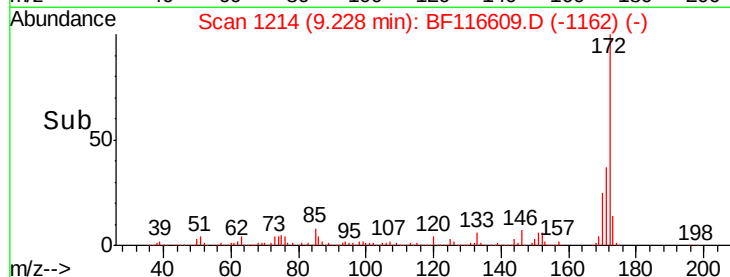
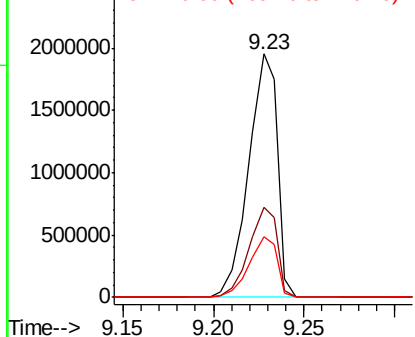
#45  
 2-Fluorobiphenyl  
 Concen: 108.598 ng  
 RT: 9.23 min Scan# 1214  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 2140622  
 Ion Ratio Lower Upper  
 172 100  
 171 37.0 29.0 43.6  
 170 24.7 19.3 28.9

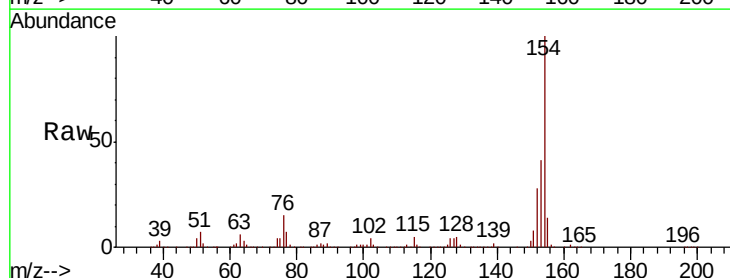


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

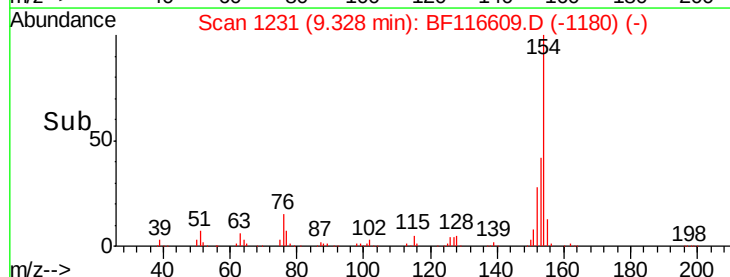
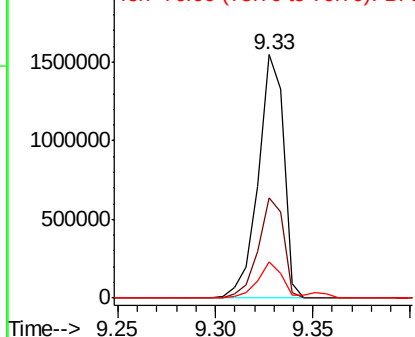


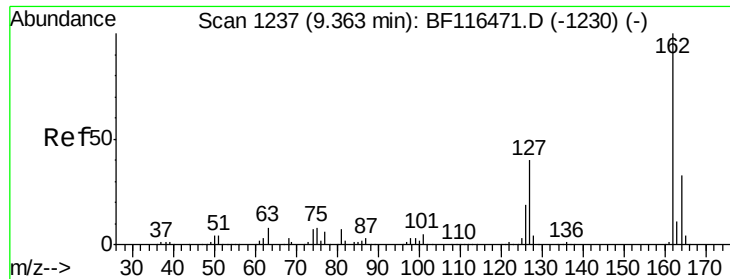
#46  
 1,1'-Biphenyl  
 Concen: 55.161 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion:154 Resp: 1399936  
 Ion Ratio Lower Upper  
 154 100  
 153 41.4 21.4 61.4  
 76 14.9 0.0 31.8



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

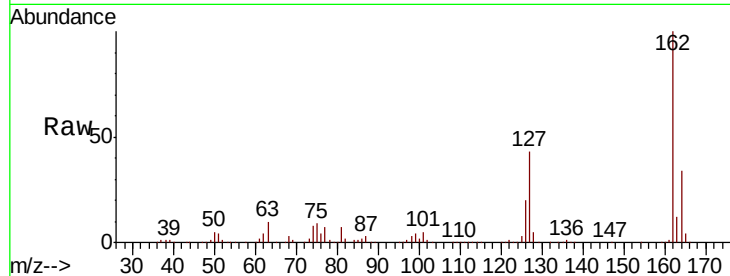




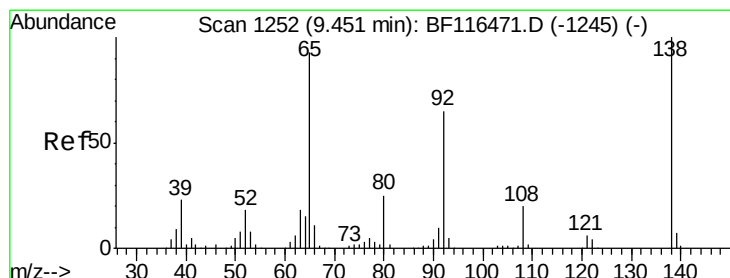
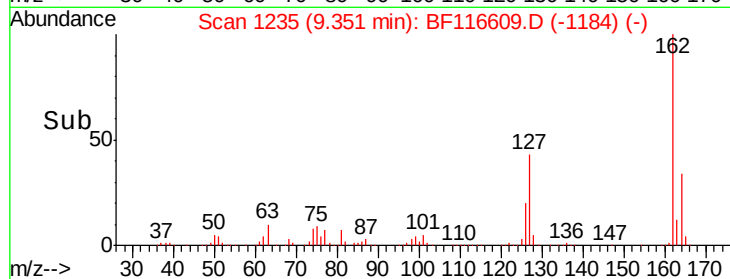
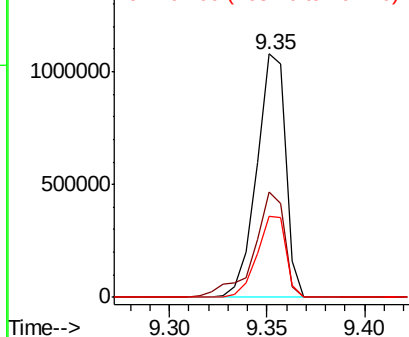
#47  
 2-Chloronaphthalene  
 Concen: 56.213 ng  
 RT: 9.35 min Scan# 1235  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 1106012  
 Ion Ratio Lower Upper  
 162 100  
 127 43.3 31.1 46.7  
 164 33.5 26.8 40.2

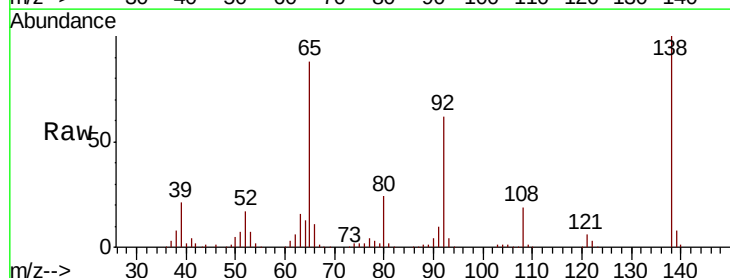


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

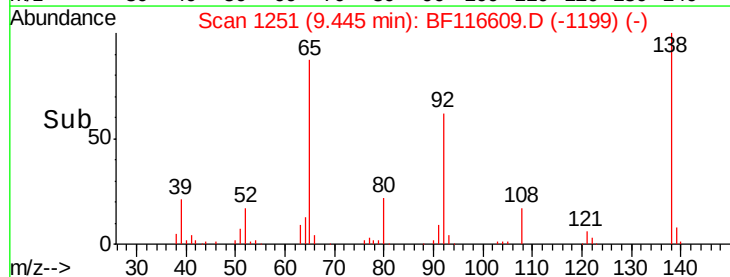
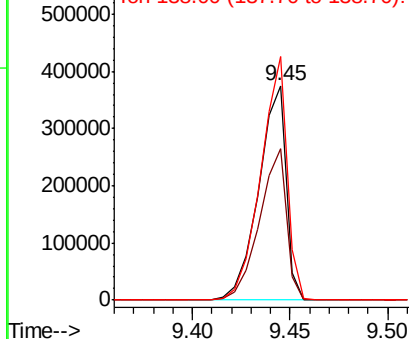


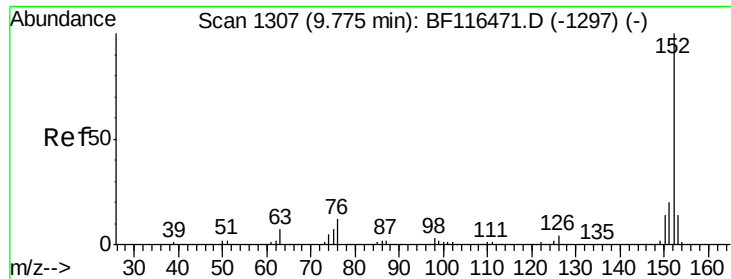
#48  
 2-Nitroaniline  
 Concen: 60.596 ng  
 RT: 9.45 min Scan# 1251  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion: 65 Resp: 365051  
 Ion Ratio Lower Upper  
 65 100  
 92 70.4 58.2 87.2  
 138 113.6 96.6 144.8



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: 54.970 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

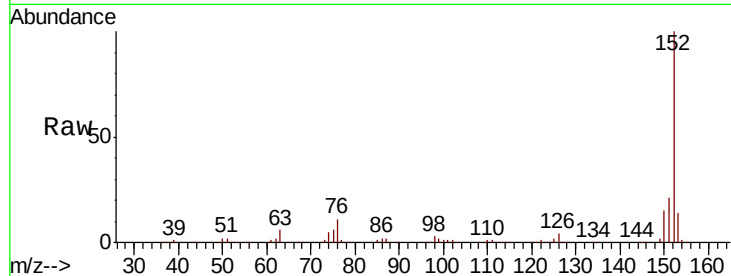
Tot Ion:152 Resp: 1582384

Ion Ratio Lower Upper

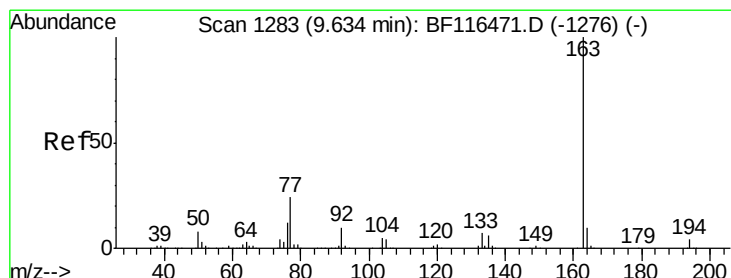
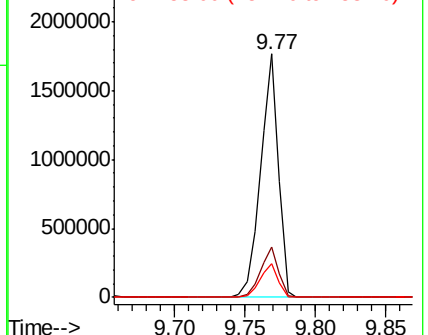
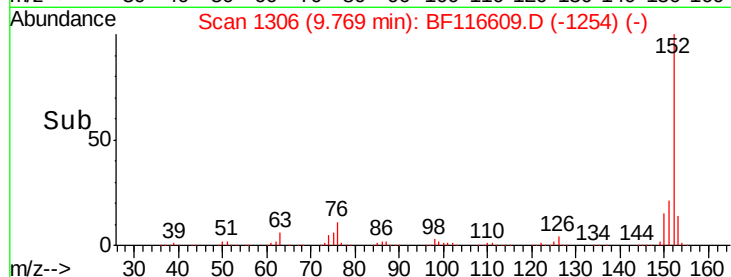
152 100

151 20.7 16.4 24.6

153 14.0 11.3 16.9



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: 55.963 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

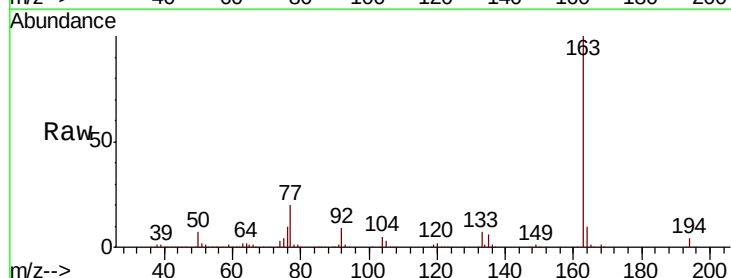
Tgt Ion:163 Resp: 1239442

Ion Ratio Lower Upper

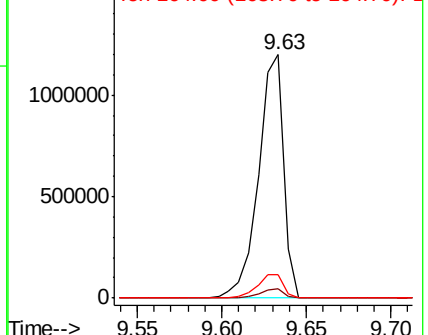
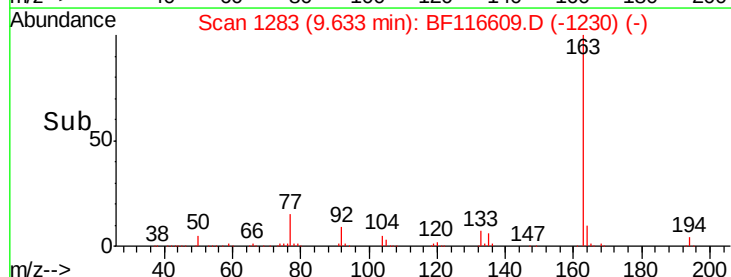
163 100

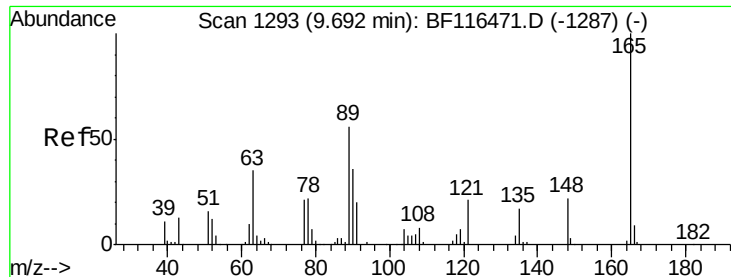
194 3.8 3.0 4.6

164 9.8 8.2 12.2



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: 61.604 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

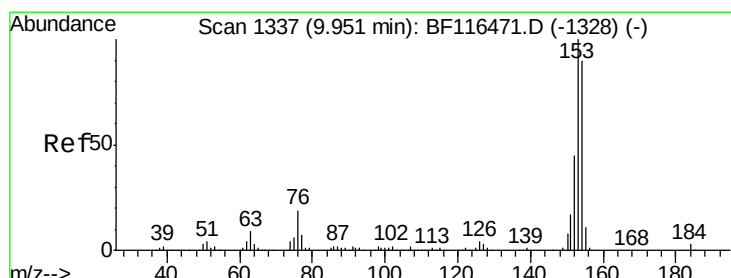
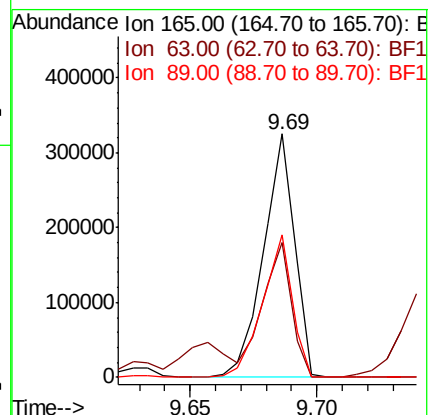
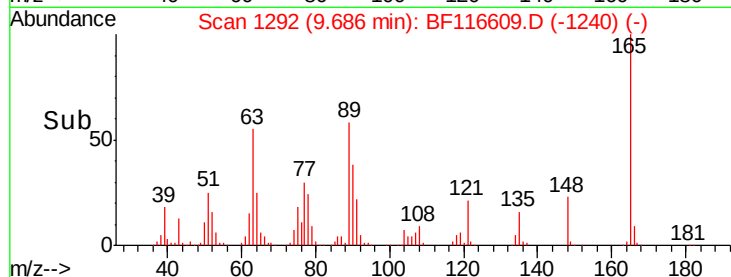
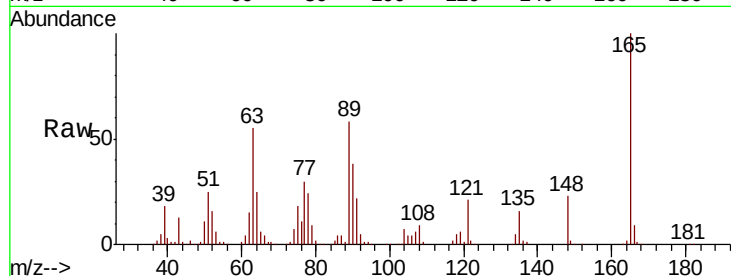
Tot Ion:165 Resp: 279264

Ion Ratio Lower Upper

165 100

63 55.2 37.2 55.8

89 58.4 40.8 61.2



#52

Acenaphthene

Concen: 57.292 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

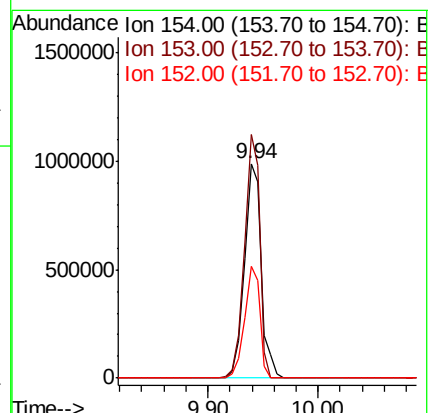
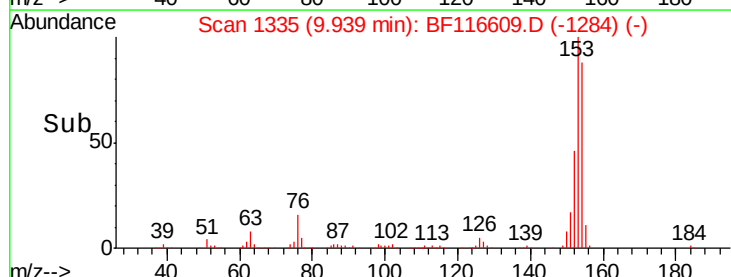
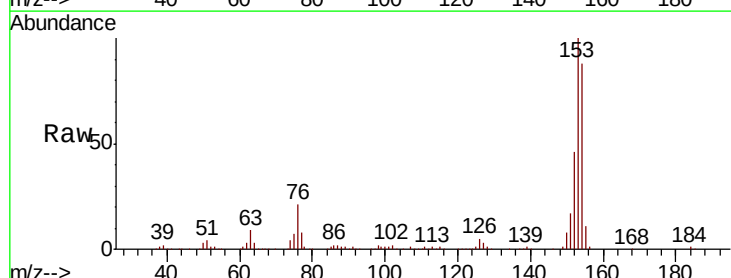
Tgt Ion:154 Resp: 1058256

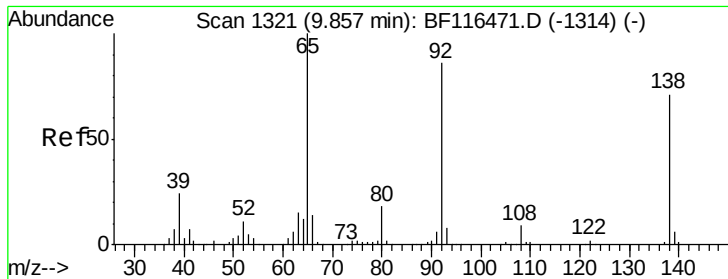
Ion Ratio Lower Upper

154 100

153 113.6 86.6 129.8

152 52.0 39.4 59.0

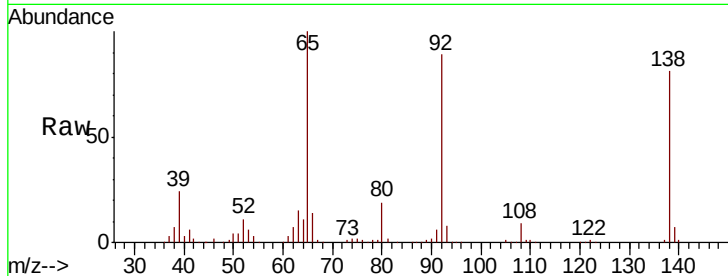




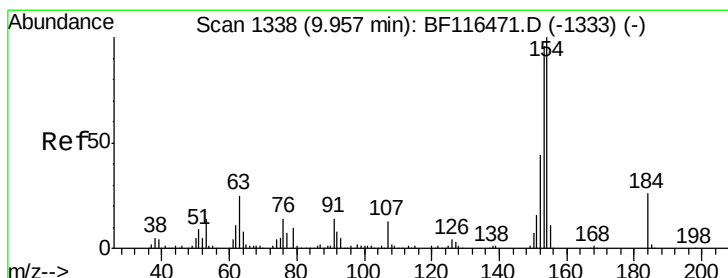
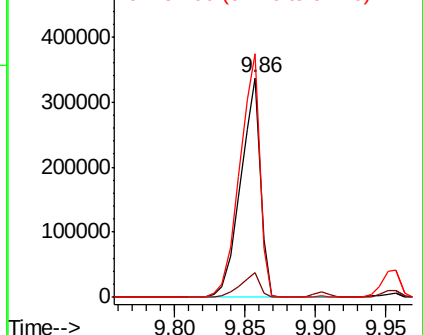
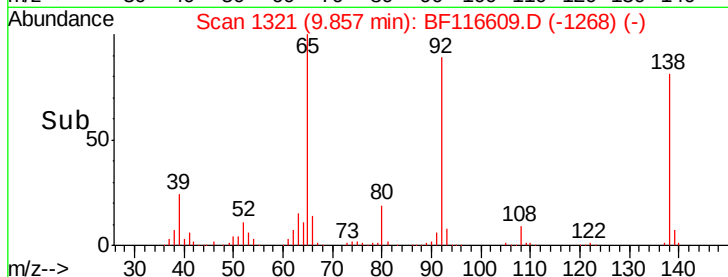
#53  
3-Nitroaniline  
Concen: 60.620 ng  
RT: 9.86 min Scan# 1321  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 327568  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.5 12.7  
92 110.8 91.6 137.4

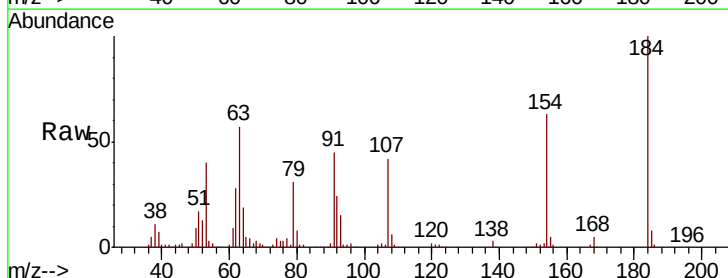


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

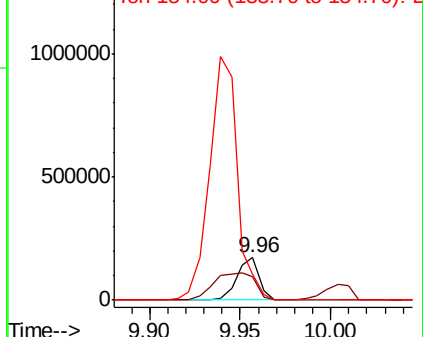
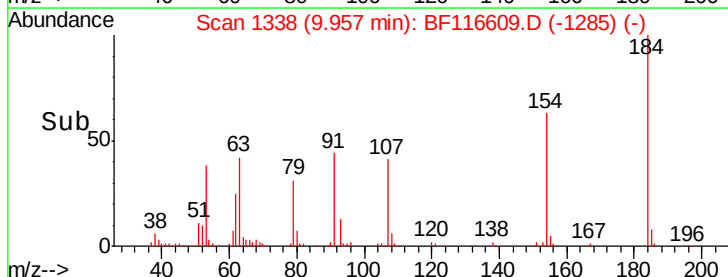


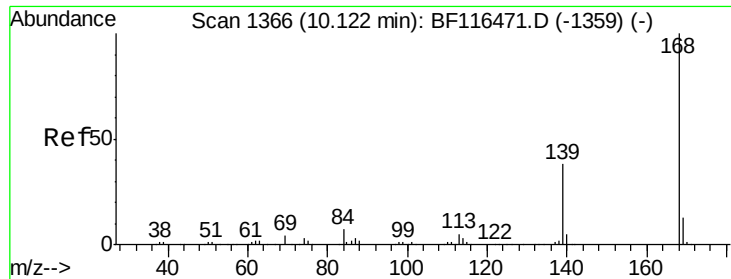
#54  
2,4-Dinitrophenol  
Concen: 103.285 ng  
RT: 9.96 min Scan# 1338  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:184 Resp: 147214  
Ion Ratio Lower Upper  
184 100  
63 56.6 62.7 94.1#  
154 63.0 150.0 225.0#



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



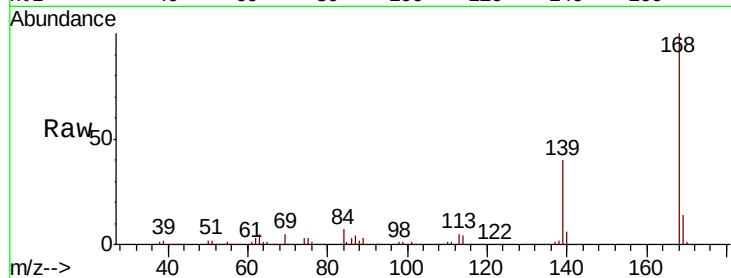


#55  
Dibenzenofuran  
Concen: 55.659 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

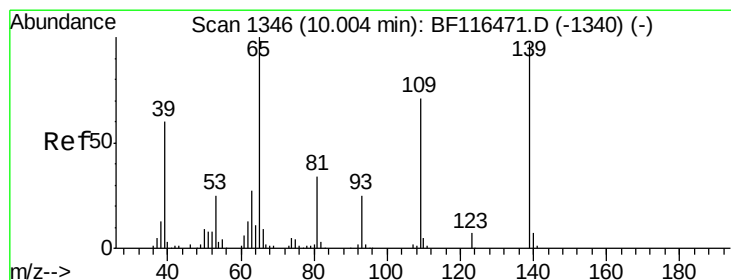
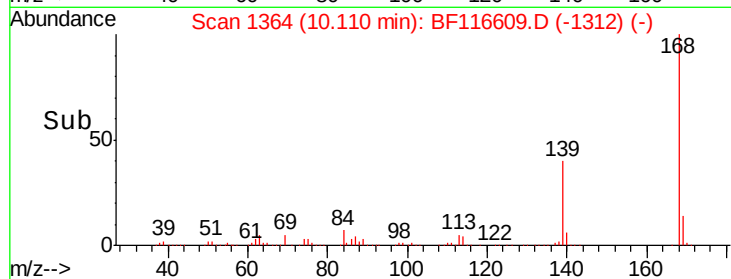
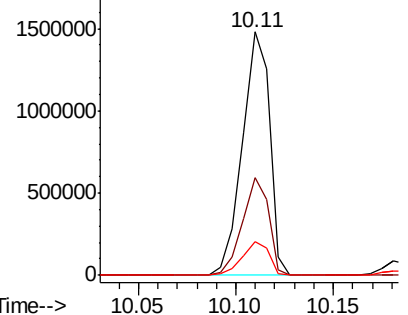
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:168 Resp: 1433114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 40.2  | 31.3  | 46.9  |
| 169 | 13.8  | 11.3  | 16.9  |



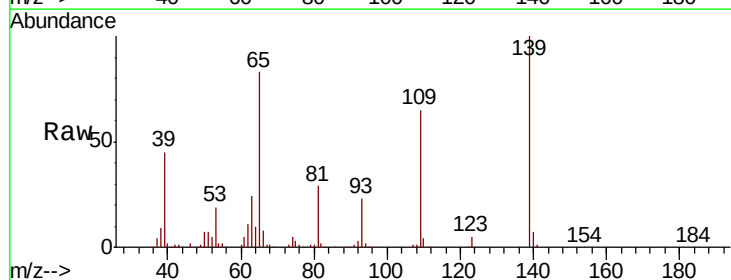
Abundance Ion 168.00 (167.70 to 168.70): E  
2000000  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E



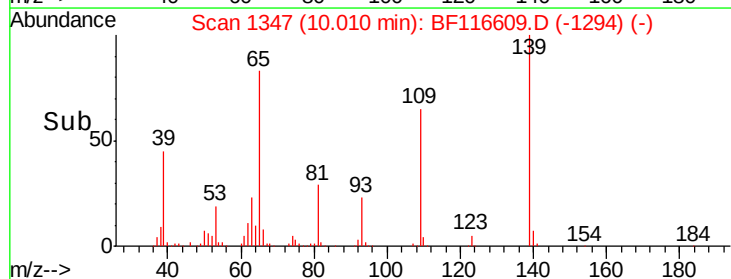
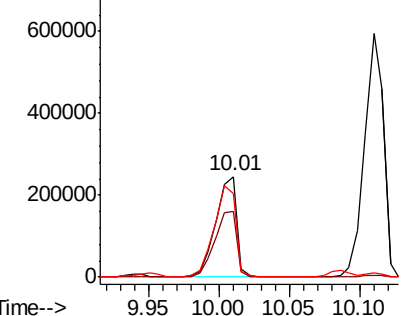
#56  
4-Nitrophenol  
Concen: 60.825 ng  
RT: 10.01 min Scan# 1347  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:139 Resp: 255464

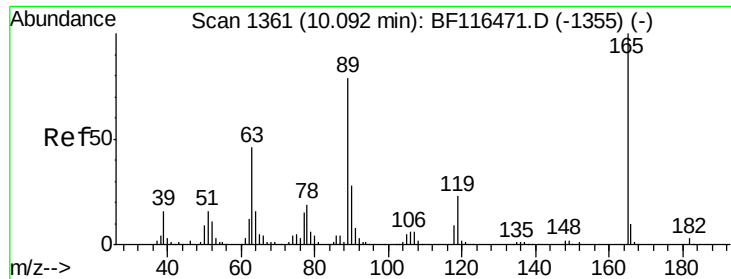
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 65.4  | 45.5  | 85.5  |
| 65  | 83.0  | 66.8  | 106.8 |



Abundance Ion 139.00 (138.70 to 139.70): E  
800000  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1



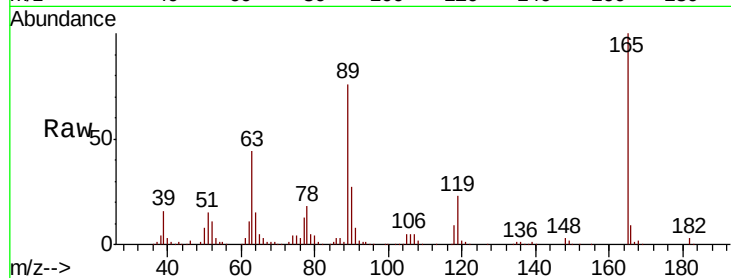




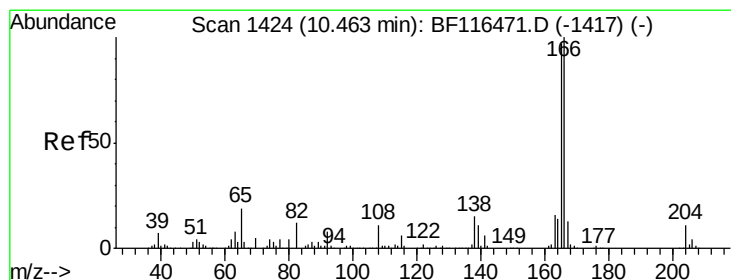
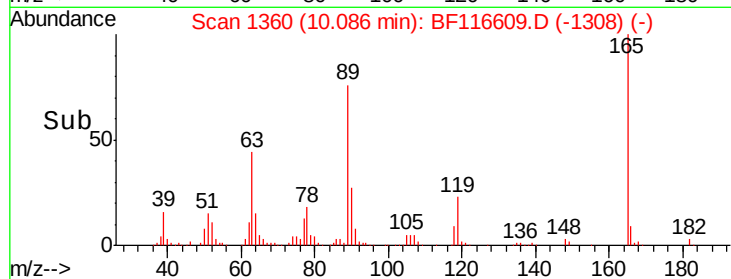
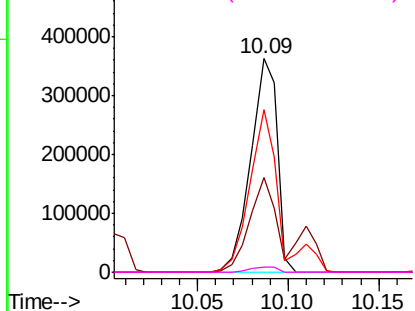
#57  
2,4-Dinitrotoluene  
Concen: 63.740 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:165 Resp: 367674  
Ion Ratio Lower Upper  
165 100  
63 44.4 30.9 46.3  
89 76.2 55.0 82.6  
182 2.7 2.2 3.2

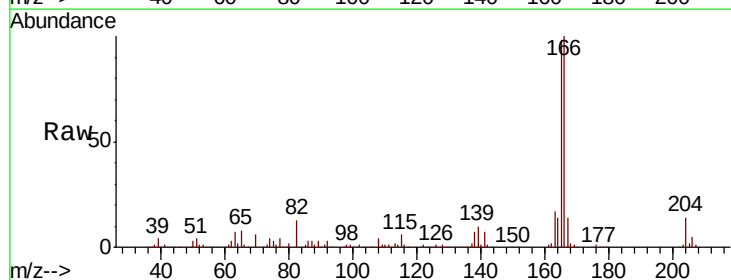


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

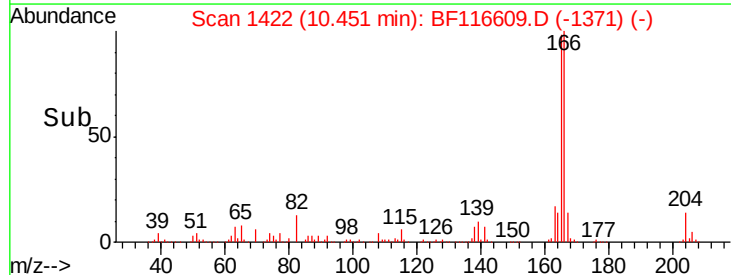
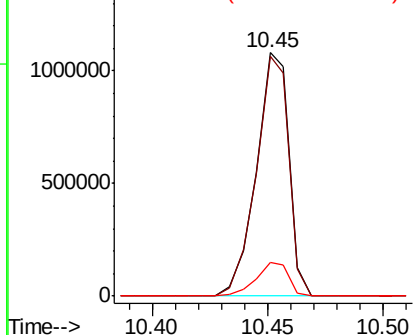


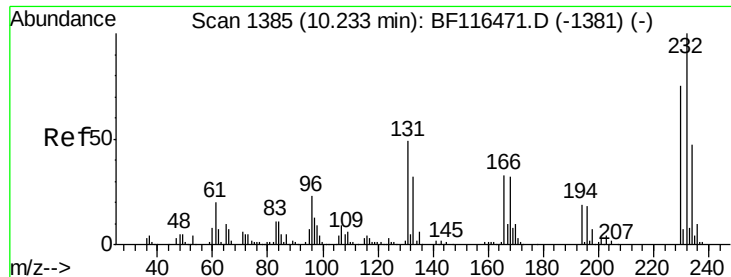
#58  
Fluorene  
Concen: 53.416 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. -0.00 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:166 Resp: 1068582  
Ion Ratio Lower Upper  
166 100  
165 98.4 77.8 116.6  
167 13.9 10.6 16.0



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 59.955 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

Tot Ion:232 Resp: 299402

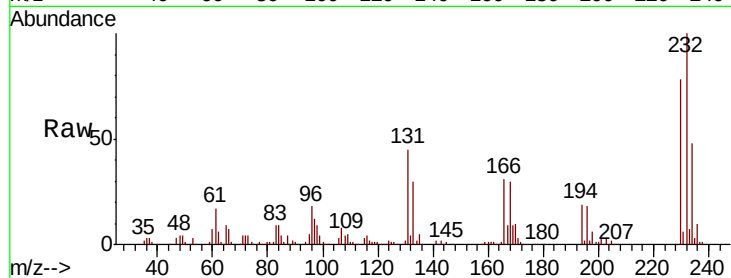
Ion Ratio Lower Upper

232 100

131 48.2 37.7 56.5

130 2.4 1.8 2.6

166 32.4 25.5 38.3

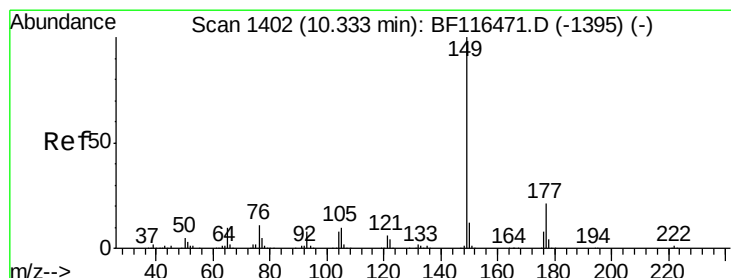
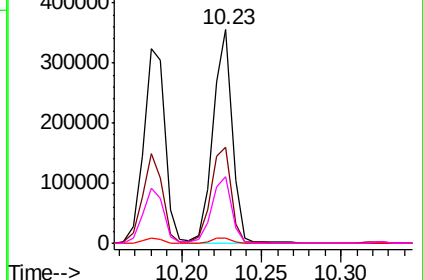
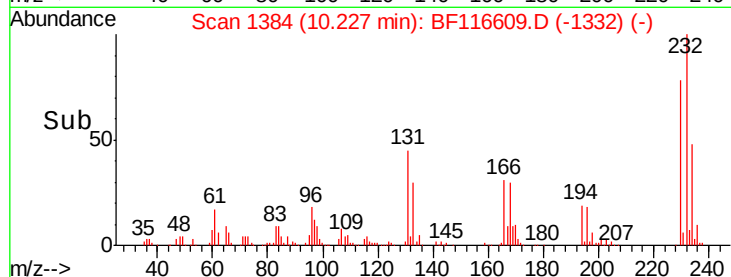


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 54.532 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

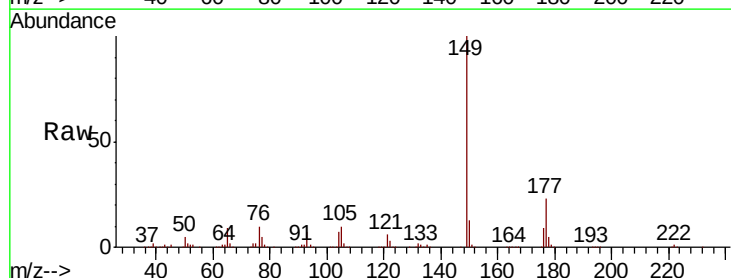
Tgt Ion:149 Resp: 1187052

Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

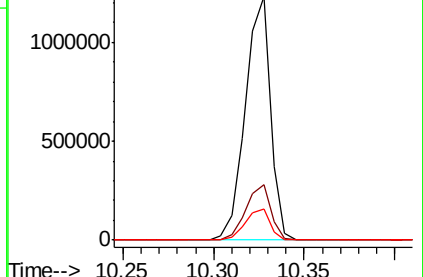
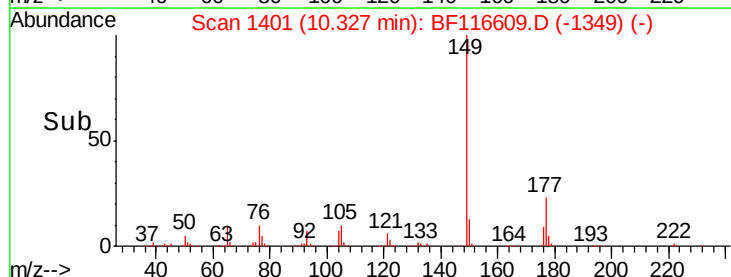
150 12.7 10.1 15.1

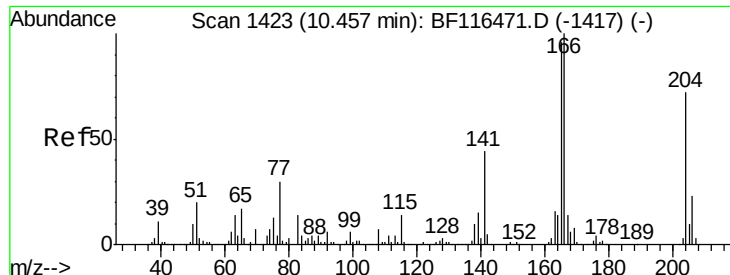


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

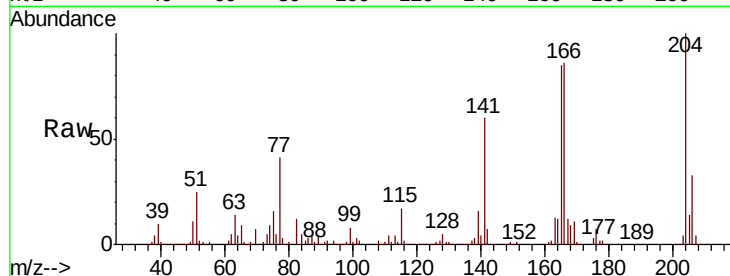




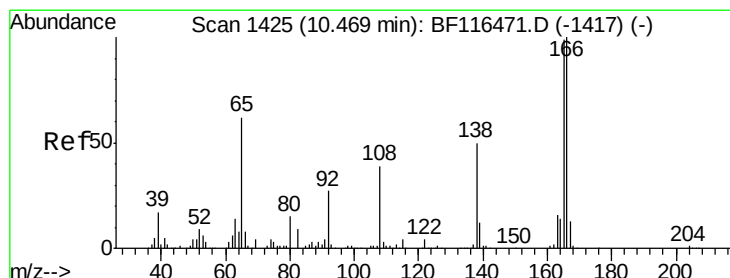
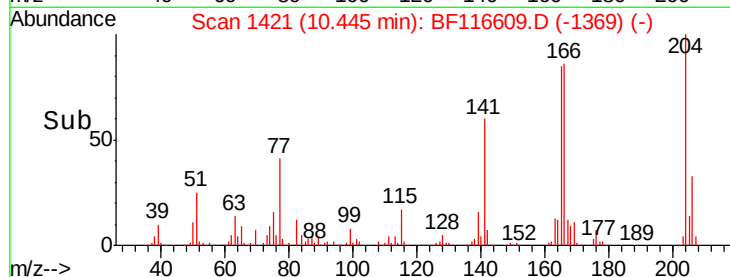
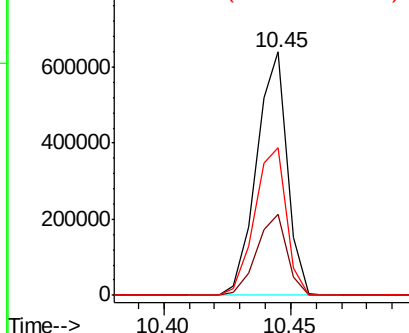
#61  
 4-Chlorophenyl-phenylether  
 Concen: 55.064 ng  
 RT: 10.45 min Scan# 1421  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:204 Resp: 537386  
 Ion Ratio Lower Upper  
 204 100  
 206 33.1 26.0 39.0  
 141 60.5 47.9 71.9

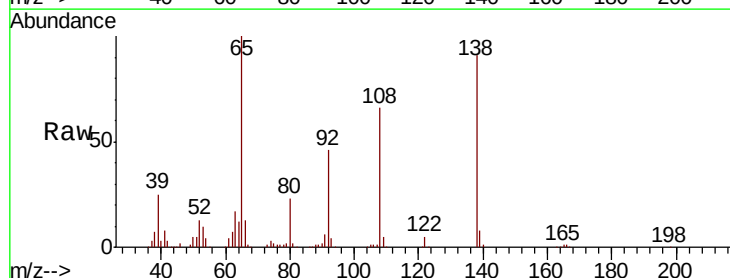


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

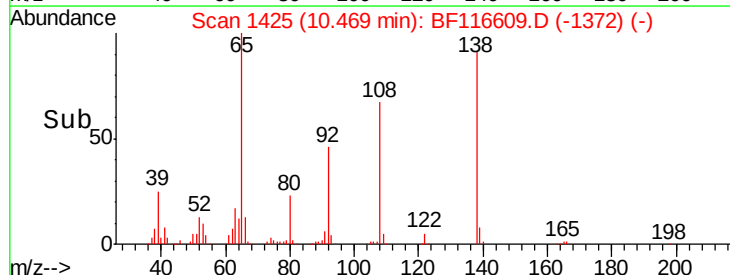
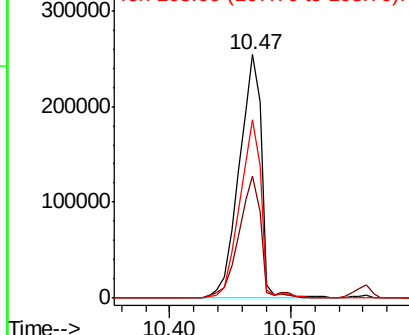


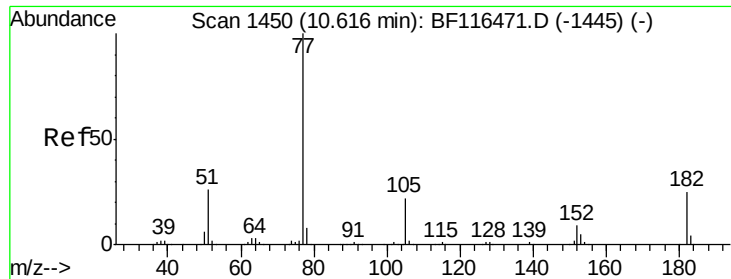
#62  
 4-Nitroaniline  
 Concen: 62.062 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion:138 Resp: 327993  
 Ion Ratio Lower Upper  
 138 100  
 92 50.3 28.9 68.9  
 108 73.2 49.3 89.3



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





#63

Azobenzene

Concen: 53.115 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 1188797

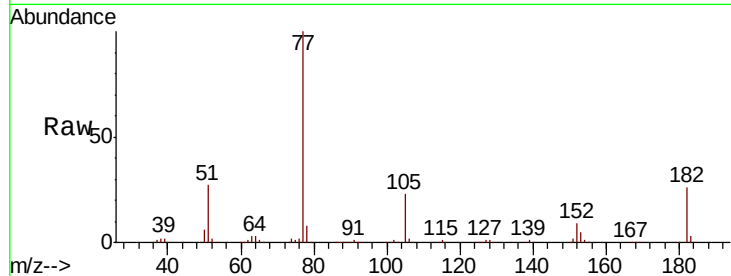
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.1  | 3.8   | 43.8  |
| 105 | 22.5  | 1.6   | 41.6  |
| 51  | 26.8  | 6.1   | 46.1  |

77 100

182 26.1 3.8 43.8

105 22.5 1.6 41.6

51 26.8 6.1 46.1

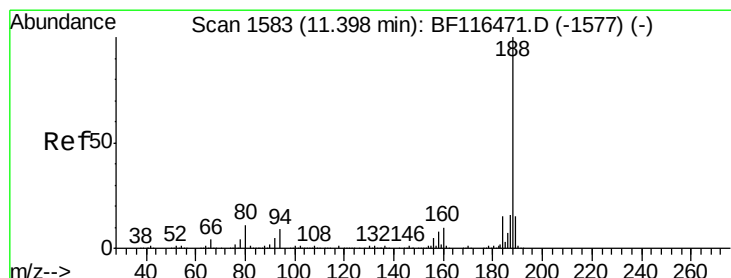
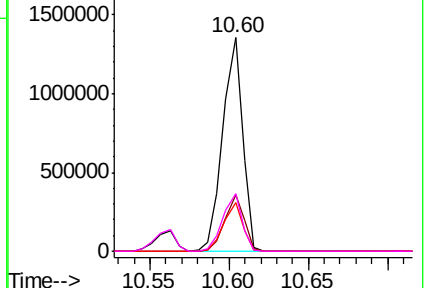
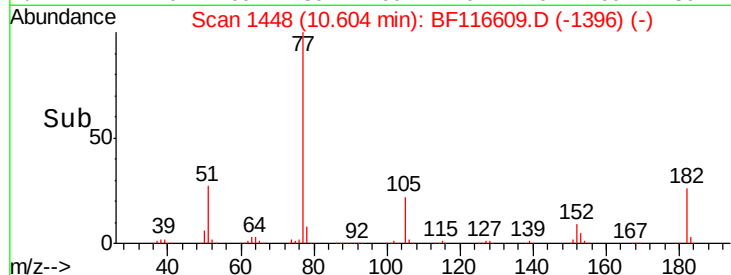


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

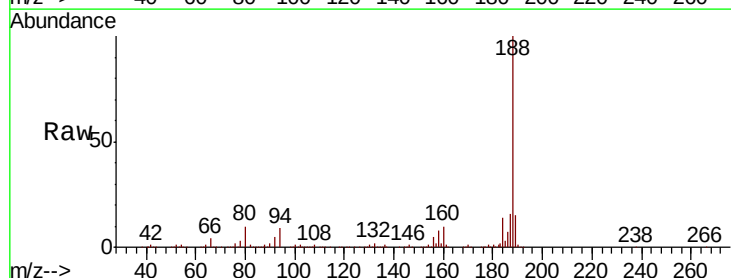
Tgt Ion: 188 Resp: 529173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.2   | 8.2   | 12.4  |
| 80  | 10.0  | 8.9   | 13.3  |

188 100

94 9.2 8.2 12.4

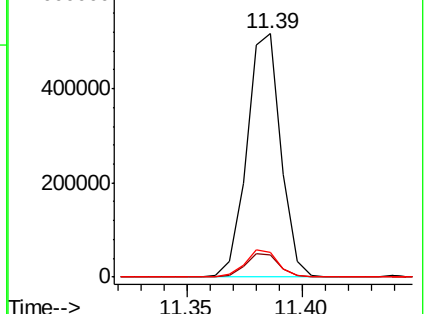
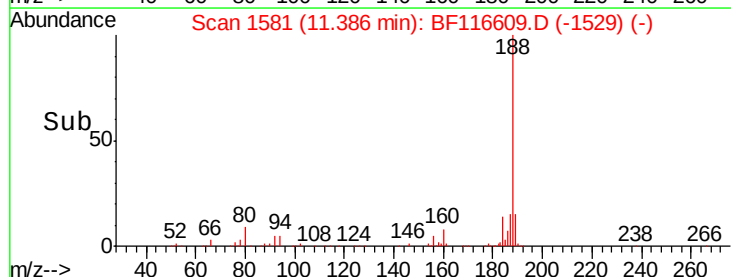
80 10.0 8.9 13.3

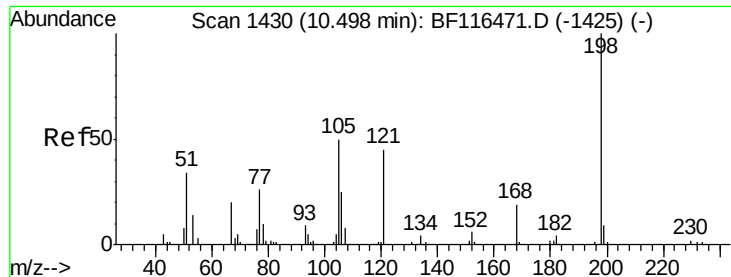


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

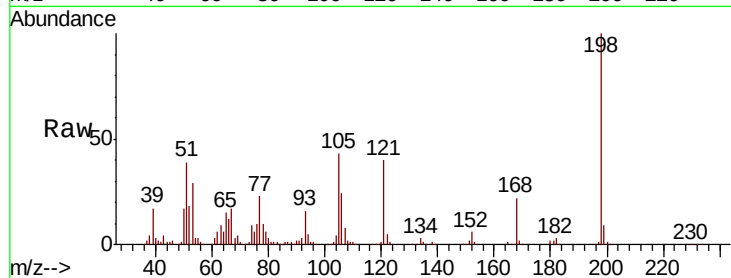




#65  
4,6-Dinitro-2-methylphenol  
Concen: 95.887 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 39.3  | 21.9  | 61.9  |
| 105     | 43.4  | 25.2  | 65.2  |

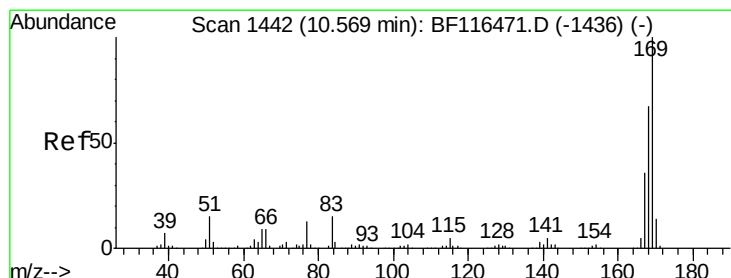
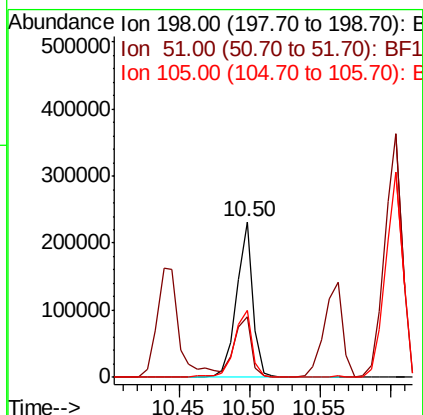
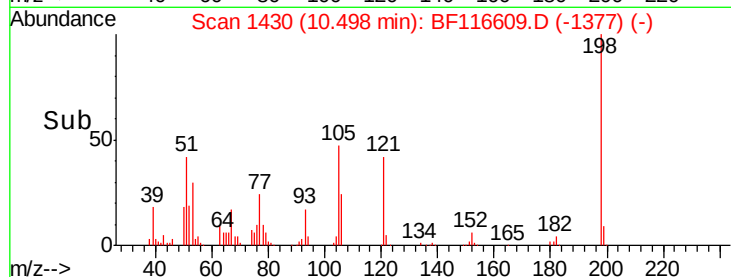


Abundance

Ion 198.00 (197.70 to 198.70): E

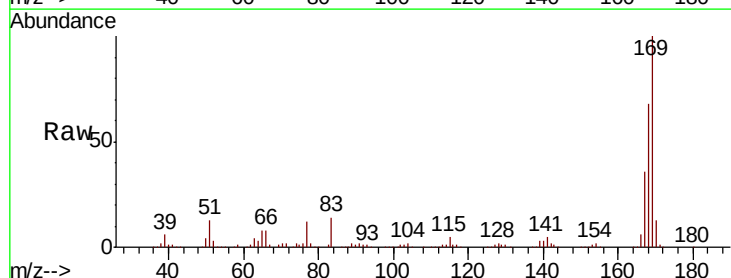
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 56.495 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.6  | 53.8  | 80.8  |
| 167     | 36.5  | 29.3  | 43.9  |

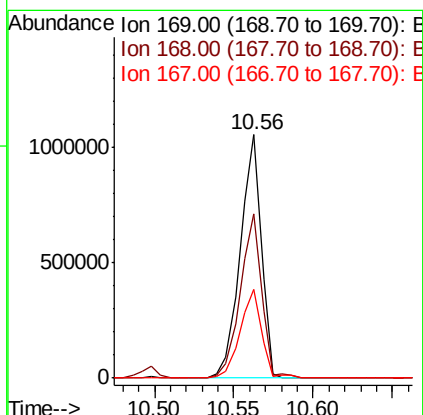
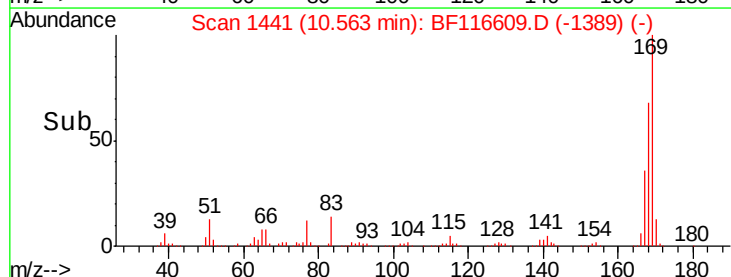


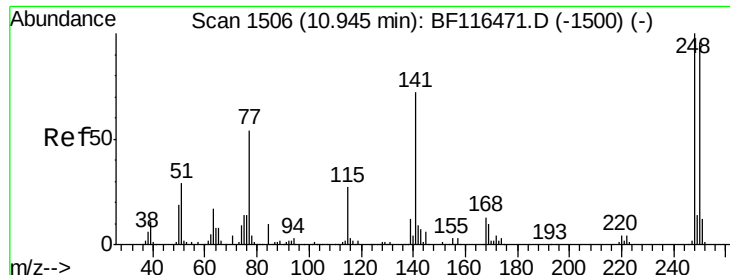
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

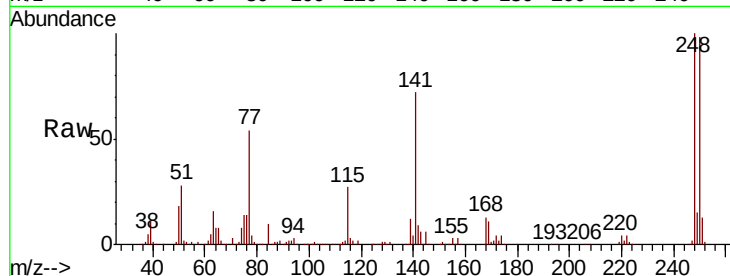




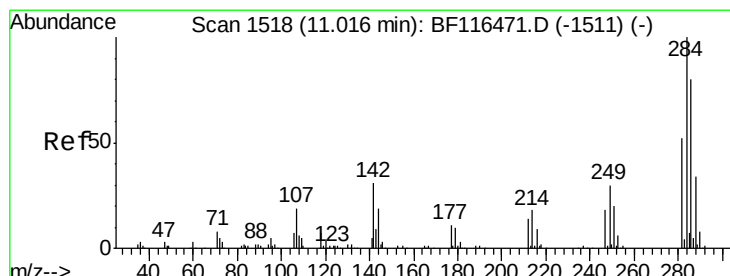
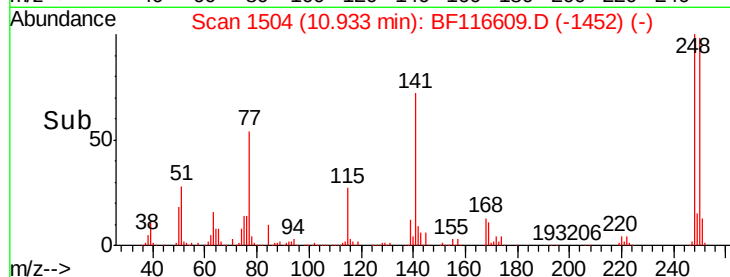
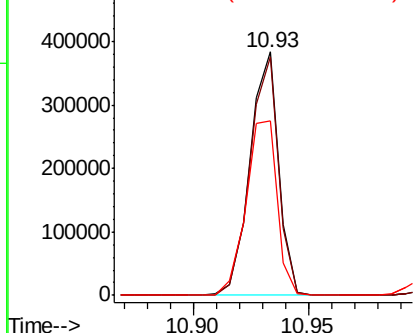
#67  
4-Bromophenyl-phenylether  
Concen: 60.088 ng  
RT: 10.93 min Scan# 1504  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:248 Resp: 333354  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.6 115.0  
141 71.7 60.8 91.2

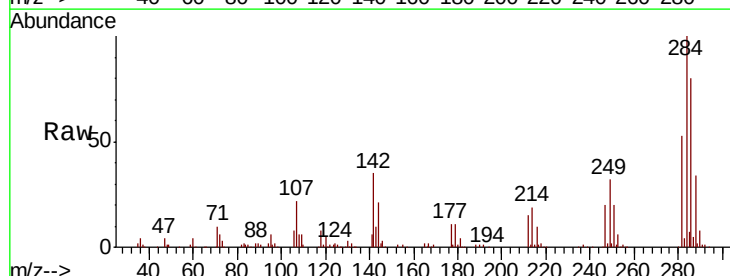


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

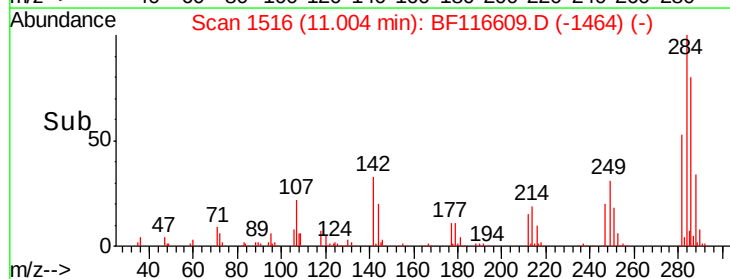
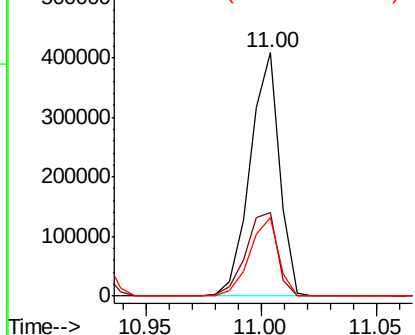


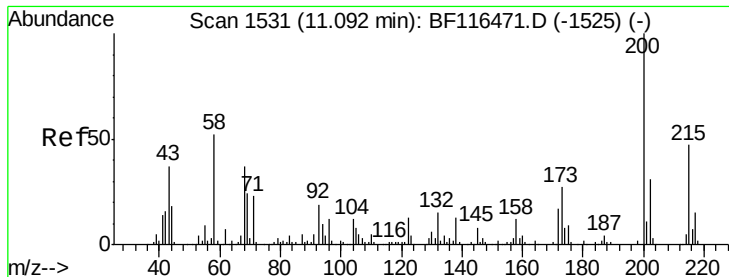
#68  
Hexachlorobenzene  
Concen: 59.140 ng  
RT: 11.00 min Scan# 1516  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:284 Resp: 362886  
Ion Ratio Lower Upper  
284 100  
142 34.5 27.8 41.8  
249 32.0 24.2 36.4



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

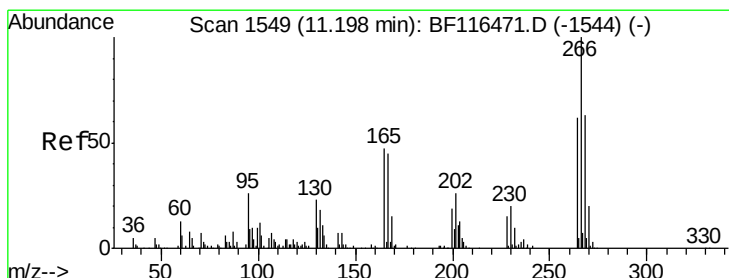
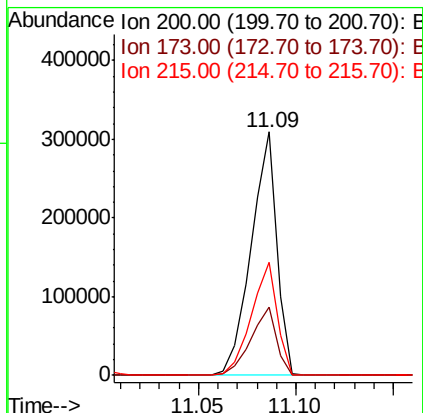
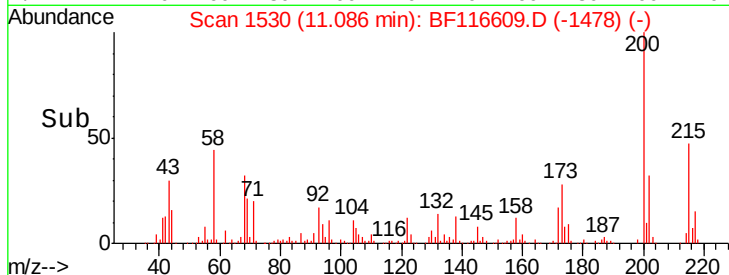
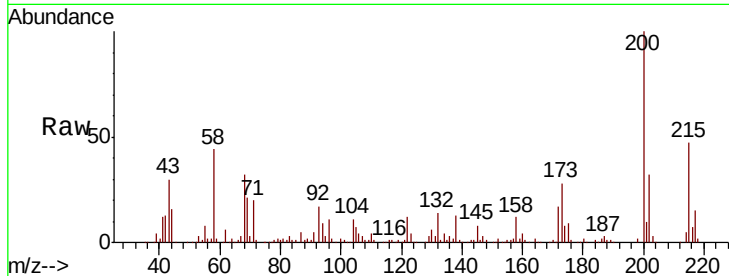




#69  
 Atrazine  
 Concen: 54.980 ng  
 RT: 11.09 min Scan# 1530  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

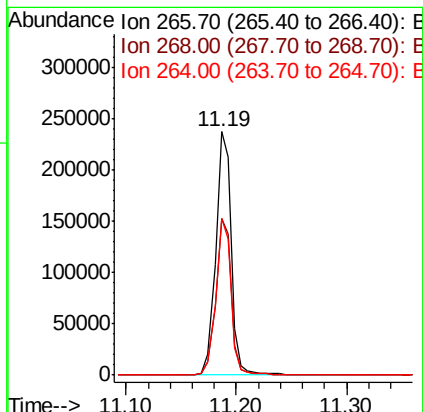
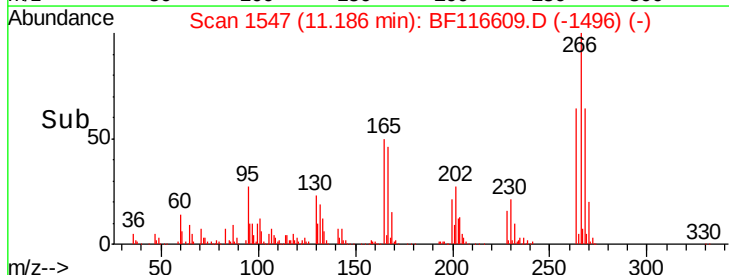
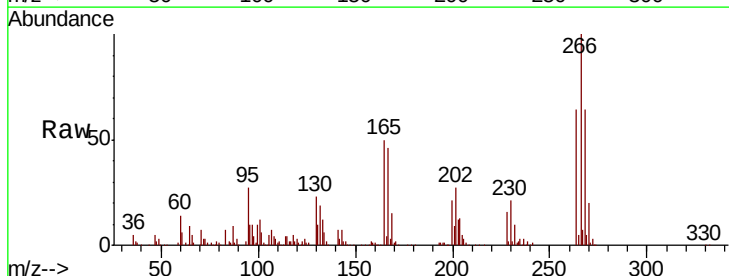
Instrument :  
 BNA\_F  
 ClientSampled :

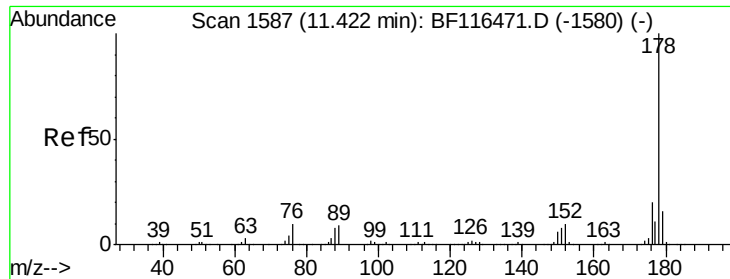
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.1  | 6.8   | 46.8  |
| 215     | 46.6  | 28.5  | 68.5  |



#70  
 Pentachlorophenol  
 Concen: 64.435 ng  
 RT: 11.19 min Scan# 1547  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 49.8  | 74.8  |
| 264     | 64.1  | 49.9  | 74.9  |





#71

Phenanthrene

Concen: 55.234 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

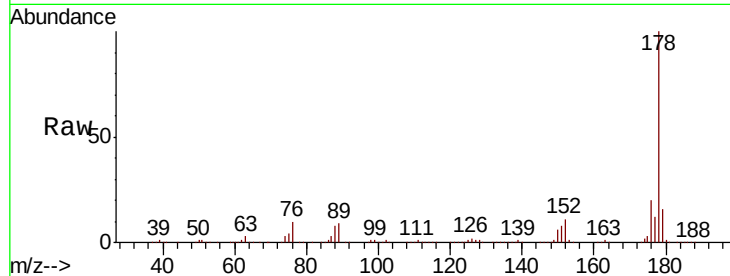
Tot Ion:178 Resp: 1592249

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.9 12.4 18.6

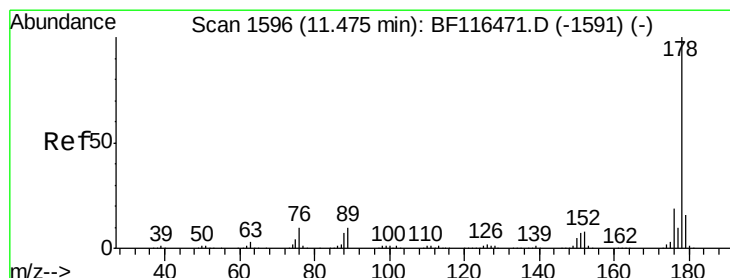
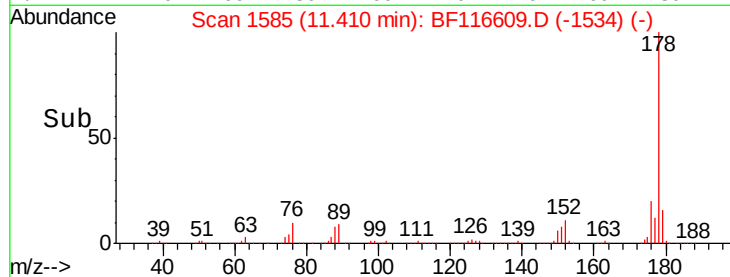
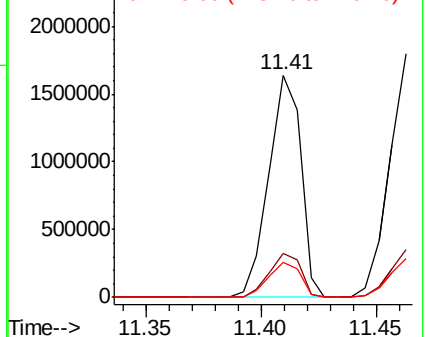


Abundance

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: 54.967 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

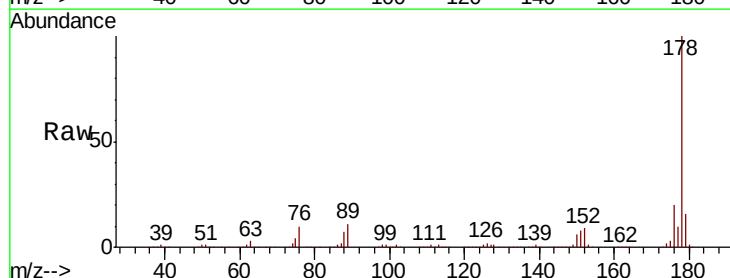
Tgt Ion:178 Resp: 1592240

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

179 15.9 12.7 19.1

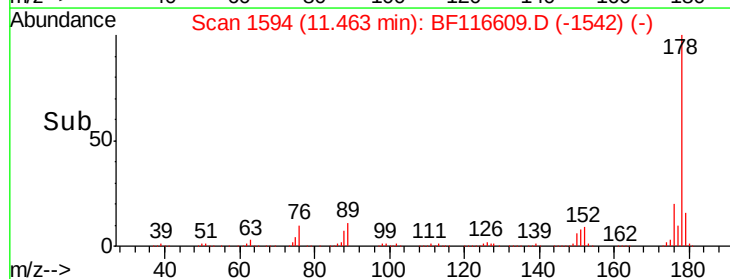
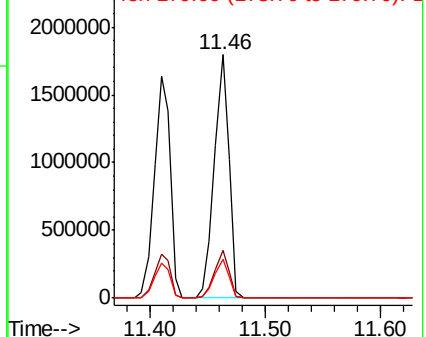


Abundance

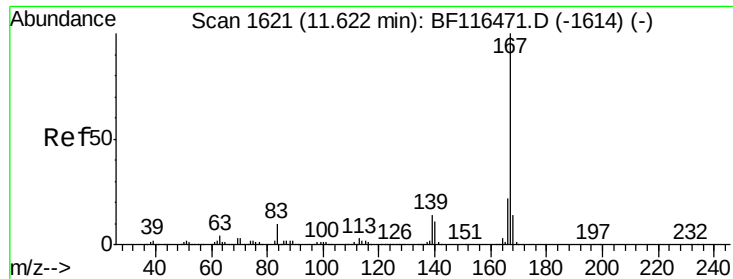
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





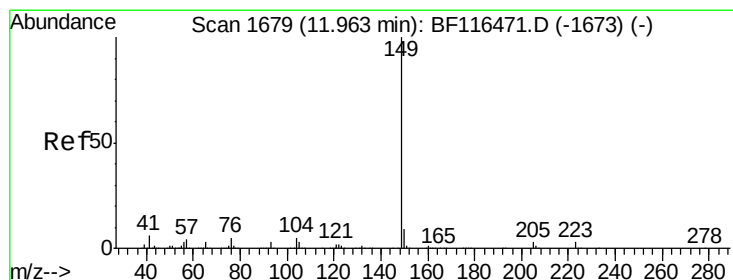
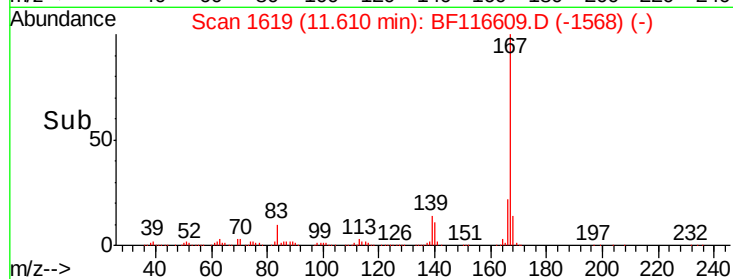
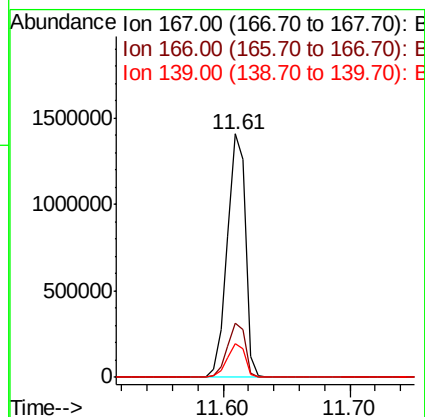
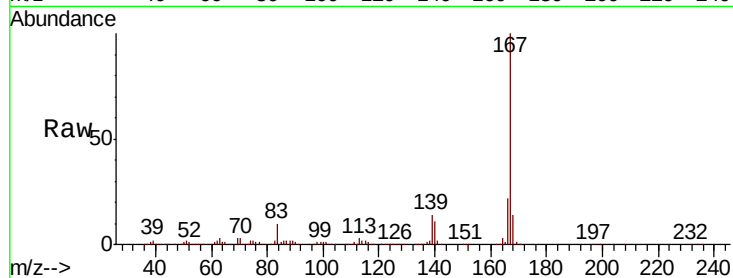


#73  
 Carbazole  
 Concen: 53.753 ng  
 RT: 11.61 min Scan# 1619  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 1397659  

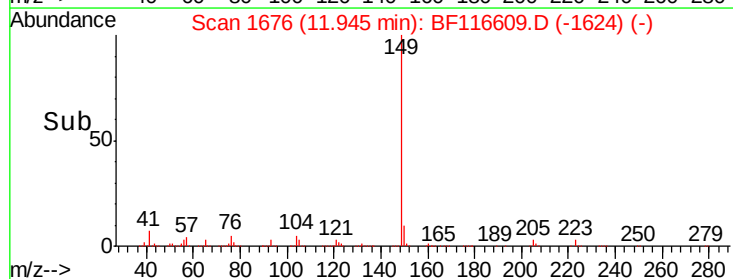
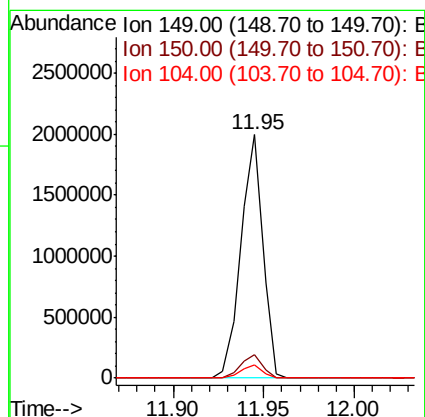
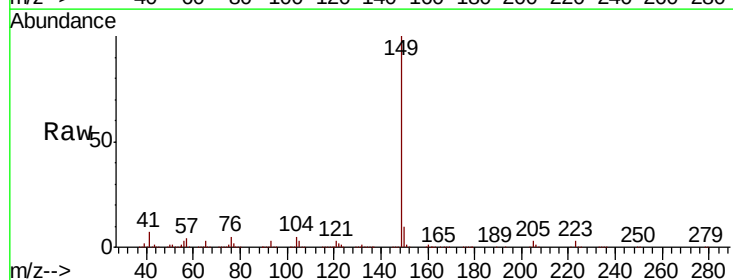
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.1  | 17.9  | 26.9  |
| 139 | 14.1  | 10.3  | 15.5  |

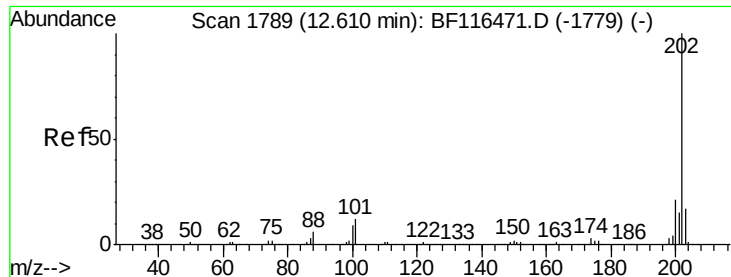


#74  
 Di-n-butylphthalate  
 Concen: 52.050 ng  
 RT: 11.95 min Scan# 1676  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion:149 Resp: 1677056  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.6   | 7.7   | 11.5  |
| 104 | 5.4   | 4.2   | 6.4   |



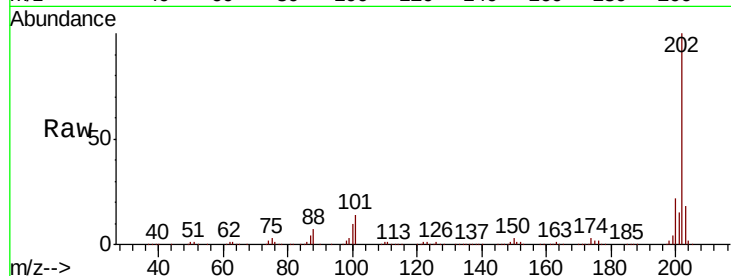


#75  
 Fluoranthene  
 Concen: 49.082 ng  
 RT: 12.59 min Scan# 1786  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

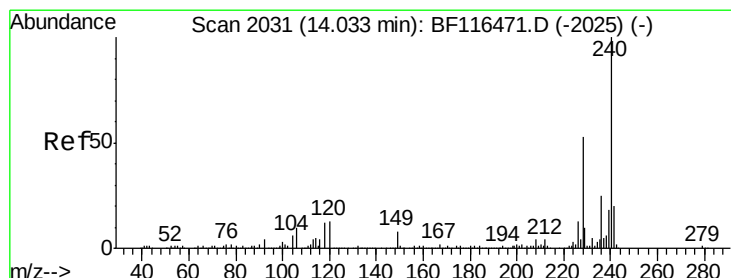
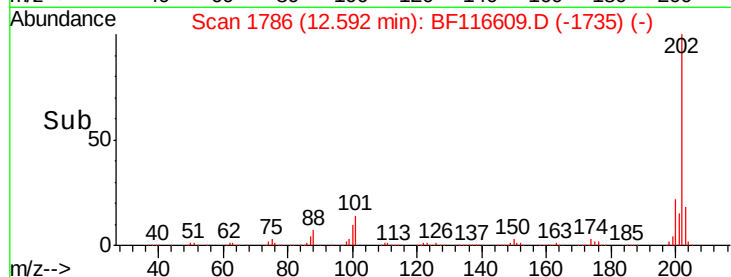
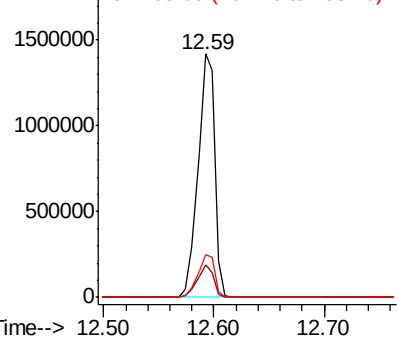
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 1462800  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.5  | 0.0   | 31.8  |
| 203 | 17.8  | 0.0   | 37.1  |



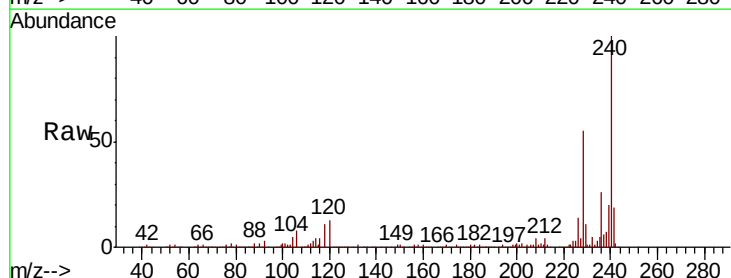
Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E



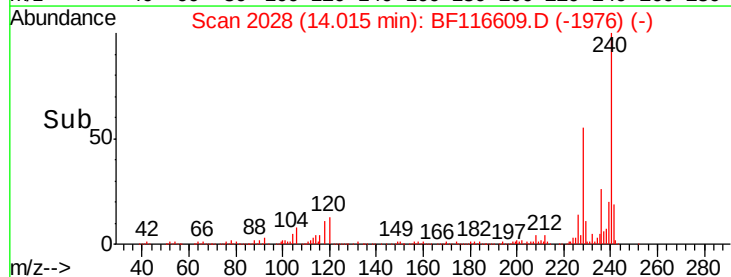
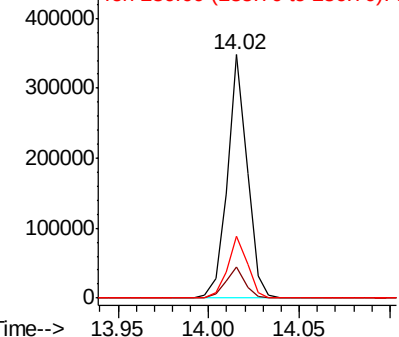
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.02 min Scan# 2028  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

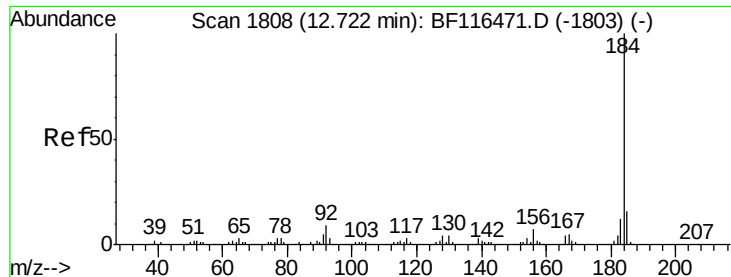
Tgt Ion:240 Resp: 262966  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.7  | 11.3  | 16.9  |
| 236 | 25.5  | 21.4  | 32.2  |



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





#77

Benzidine

Concen: 45.058 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

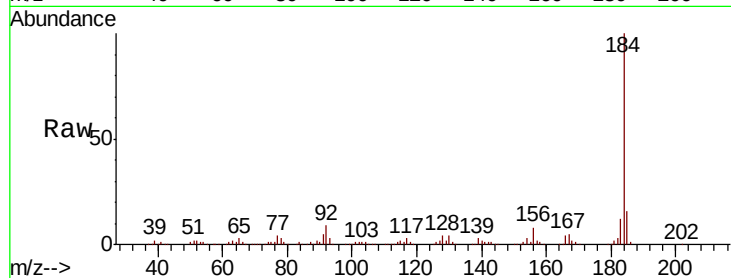
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:184 Resp: 476715

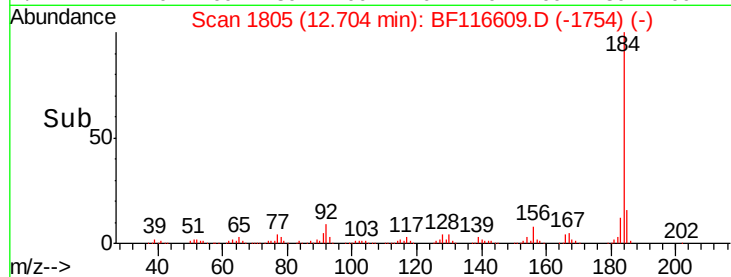
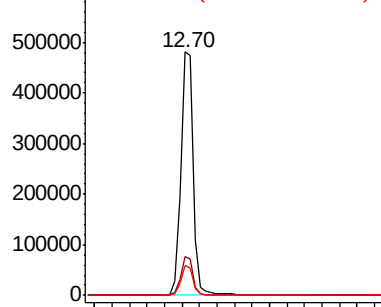
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.8  | 11.5  | 17.3  |
| 183 | 12.0  | 9.3   | 13.9  |



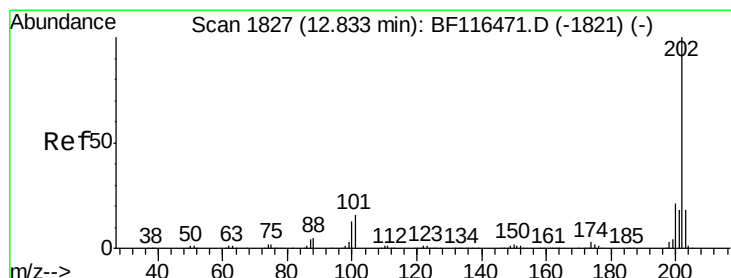
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 68.780 ng

RT: 12.82 min Scan# 1825

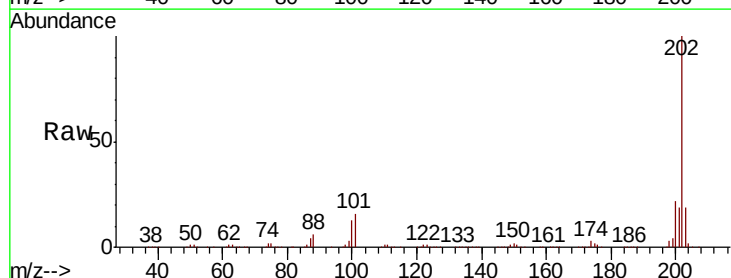
Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Tgt Ion:202 Resp: 1446412

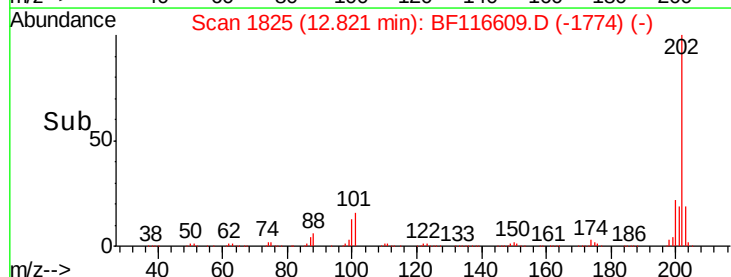
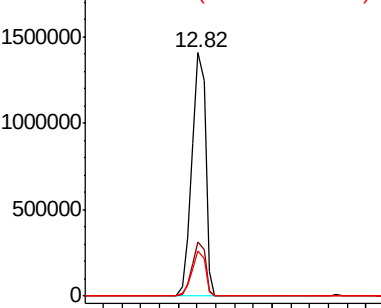
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.3  | 17.4  | 26.0  |
| 203 | 18.5  | 14.2  | 21.4  |

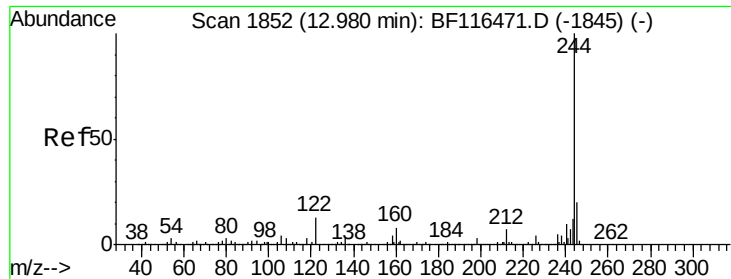


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

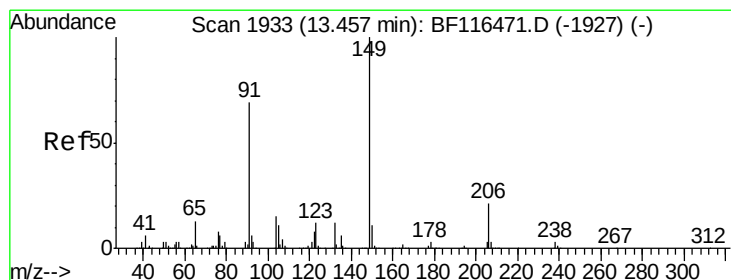
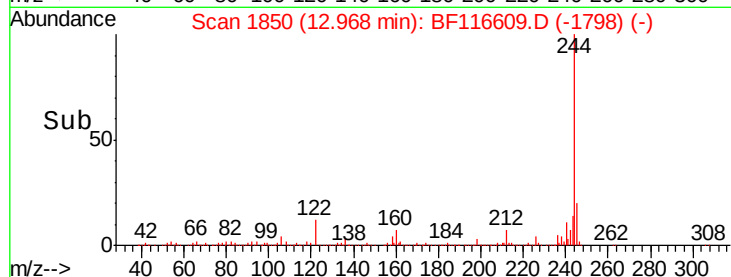
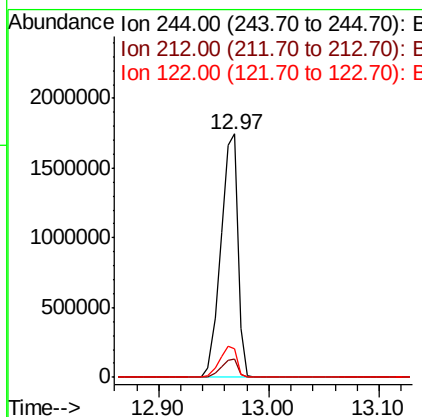
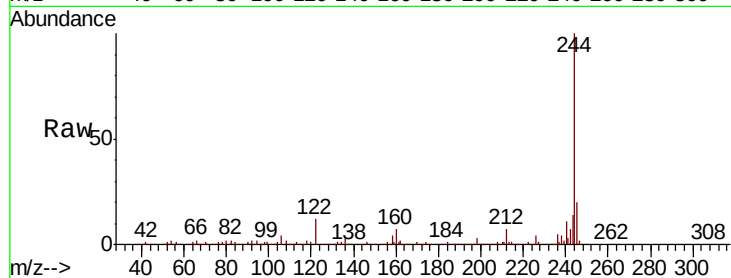




#79  
 Terphenyl-d14  
 Concen: 133.622 ng  
 RT: 12.97 min Scan# 1850  
 Delta R.T. 0.01 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

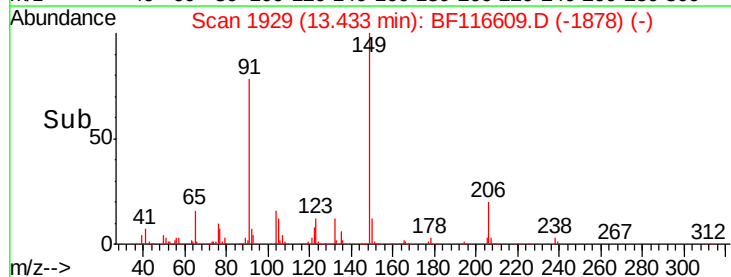
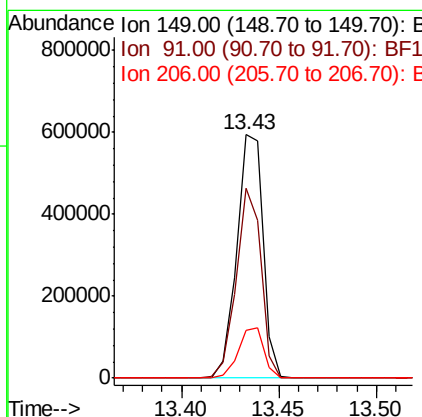
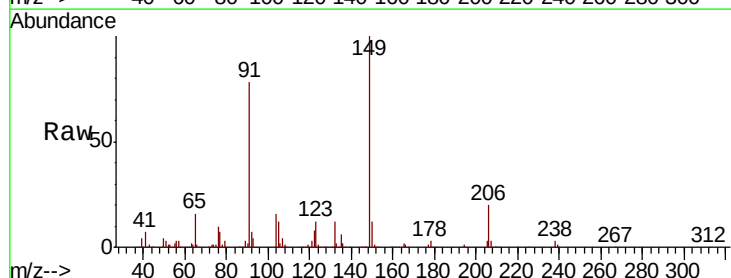
Instrument :  
 BNA\_F  
 ClientSampleId :

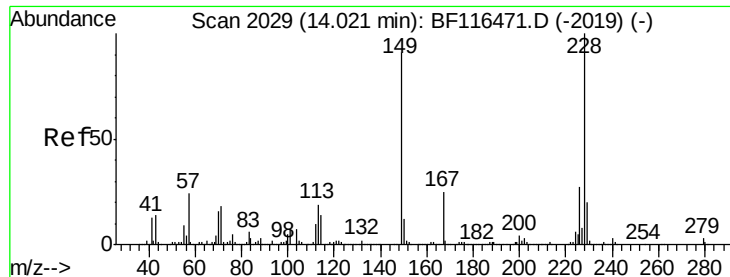
Tot Ion:244 Resp: 1881154  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.9 8.9  
 122 11.6 10.0 15.0



#80  
 Butylbenzylphthalate  
 Concen: 60.977 ng  
 RT: 13.43 min Scan# 1929  
 Delta R.T. -0.00 min  
 Lab File: BF116609.D  
 Acq: 28 Aug 2019 11:16

Tgt Ion:149 Resp: 553797  
 Ion Ratio Lower Upper  
 149 100  
 91 78.0 57.9 86.9  
 206 19.8 16.2 24.4





#81

Benzo(a)anthracene

Concen: 58.361 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

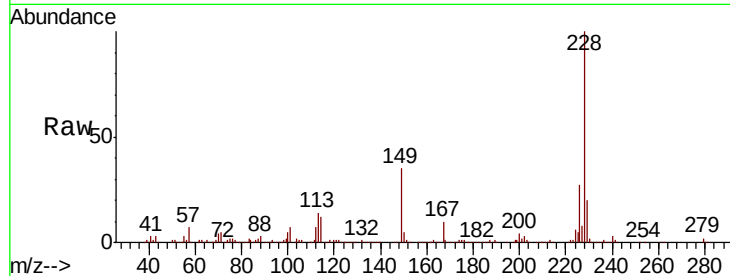
Tot Ion:228 Resp: 993971

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

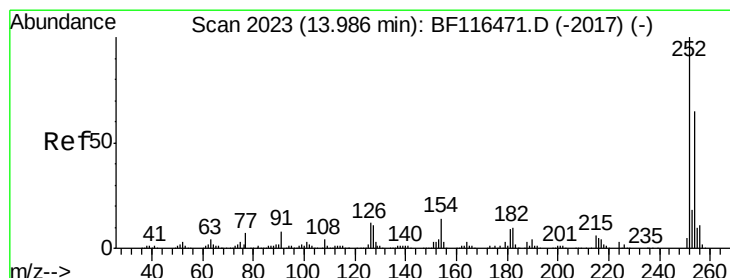
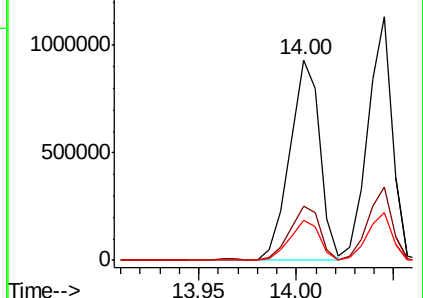
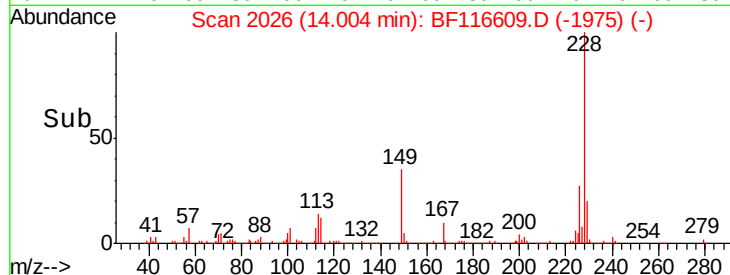
229 19.8 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 49.527 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

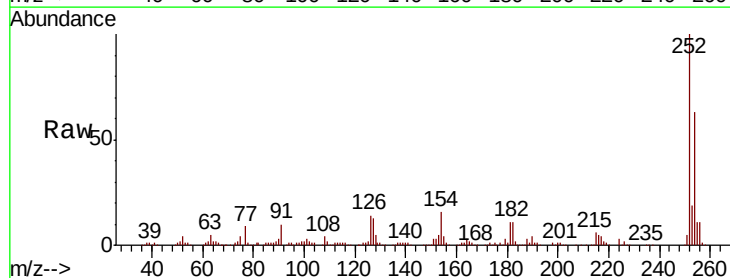
Tgt Ion:252 Resp: 300596

Ion Ratio Lower Upper

252 100

254 62.9 51.9 77.9

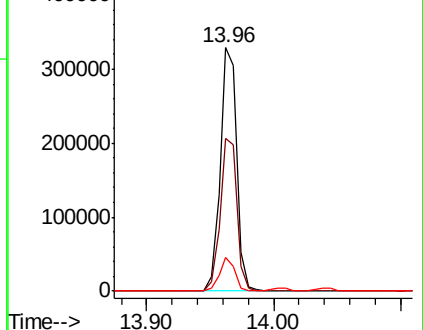
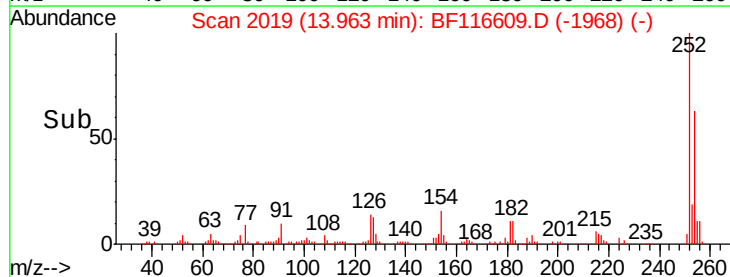
126 13.6 8.7 13.1#

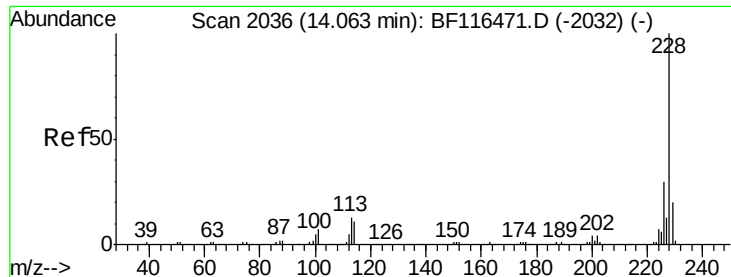


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.815 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampled :

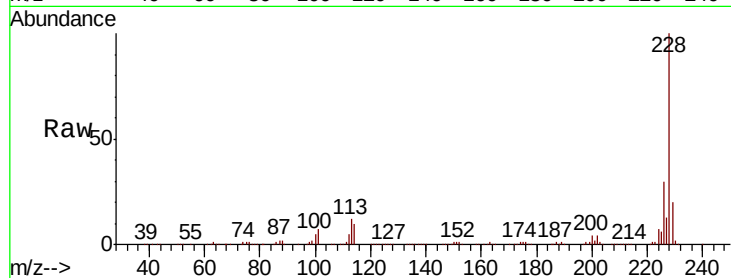
Tot Ion:228 Resp: 980764

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

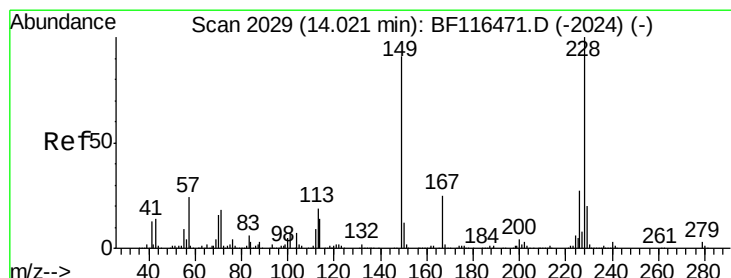
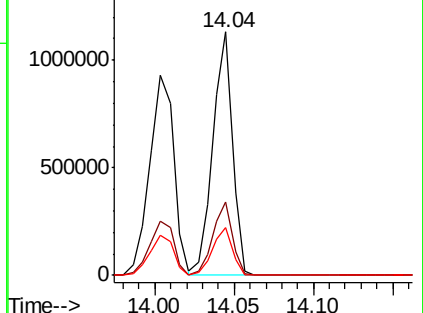
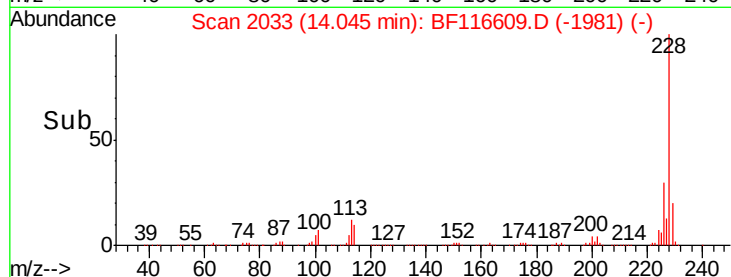
229 19.6 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.532 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

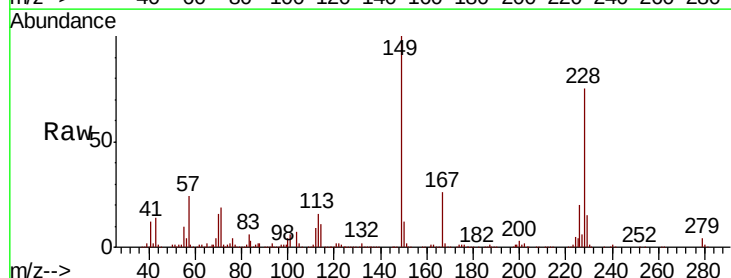
Tgt Ion:149 Resp: 648299

Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

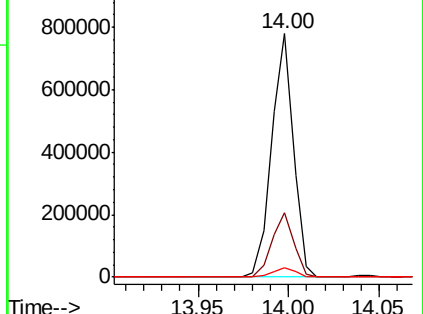
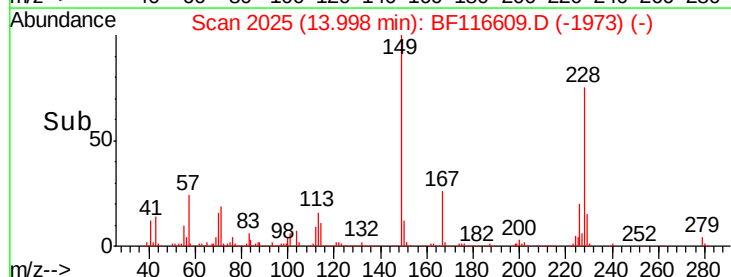
279 3.7 2.7 4.1

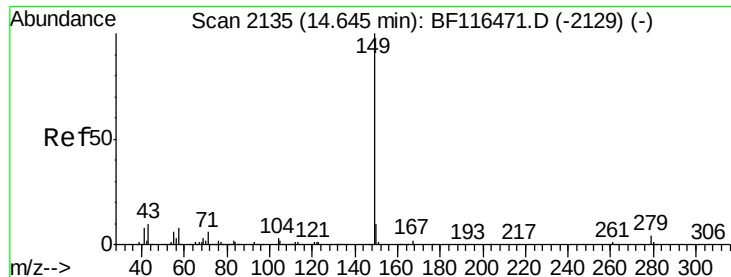


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.374 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

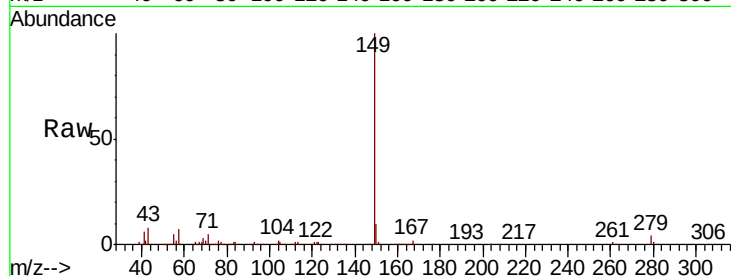
Tot Ion:149 Resp: 1035694

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

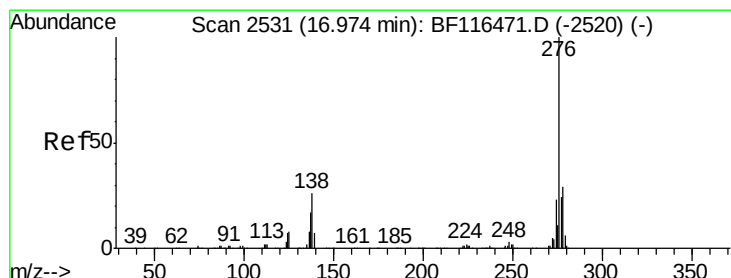
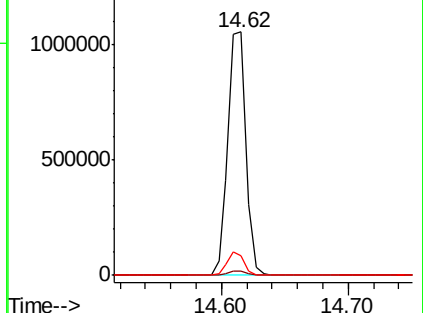
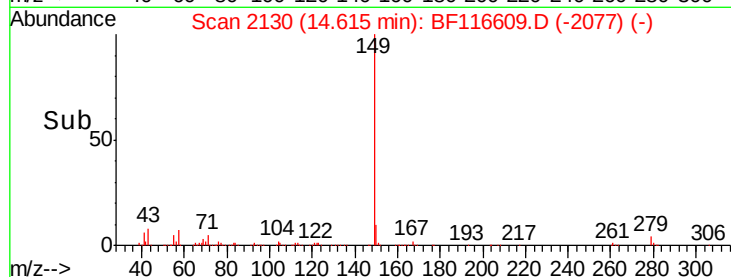
43 9.2 7.4 11.0



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: 70.185 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.02 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

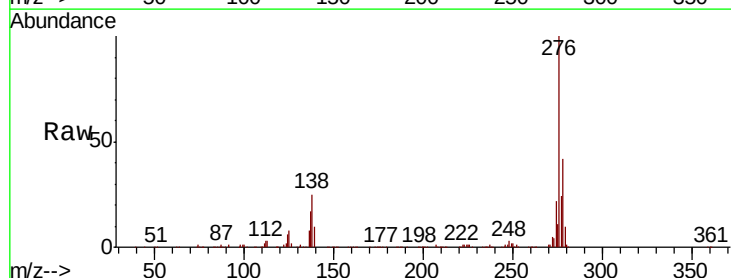
Tgt Ion:276 Resp: 1037847

Ion Ratio Lower Upper

276 100

138 27.0 21.5 32.3

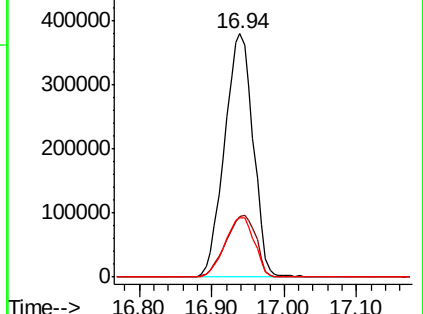
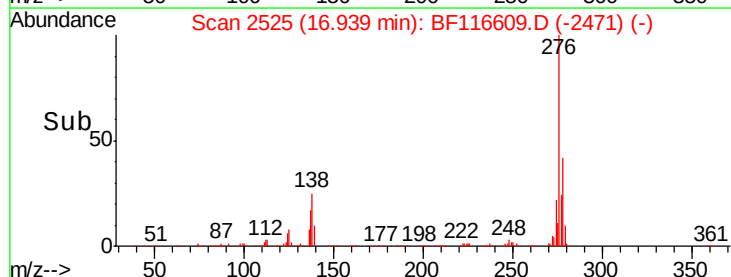
277 25.4 20.0 30.0

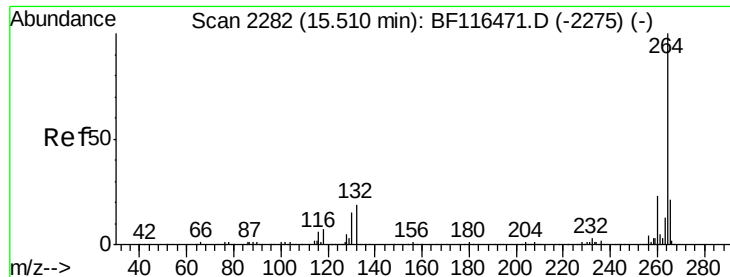


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

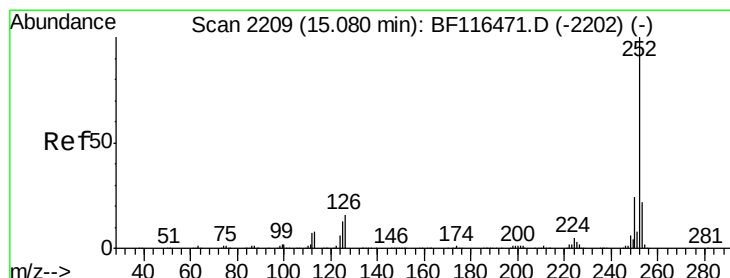
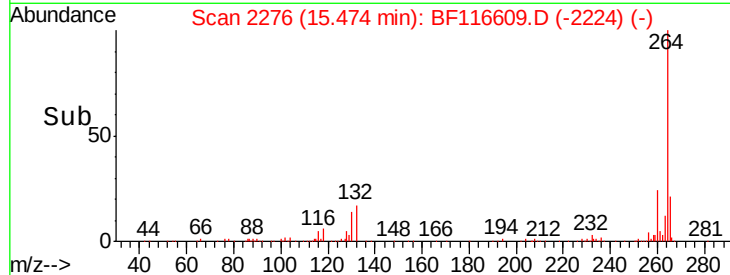
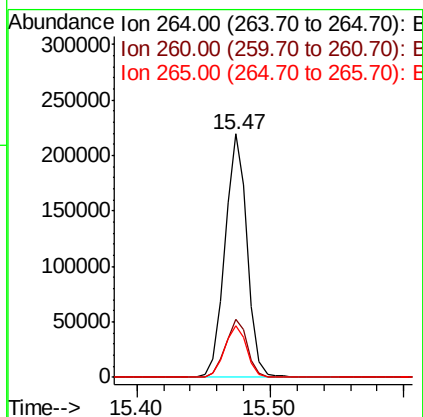
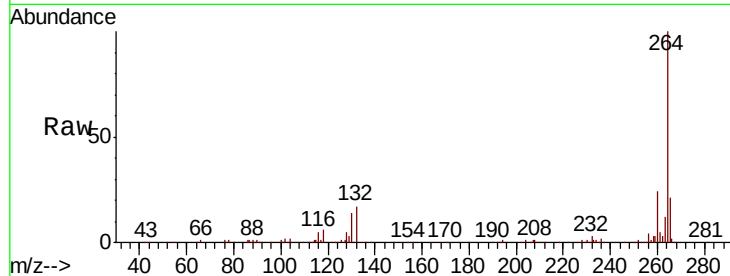




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

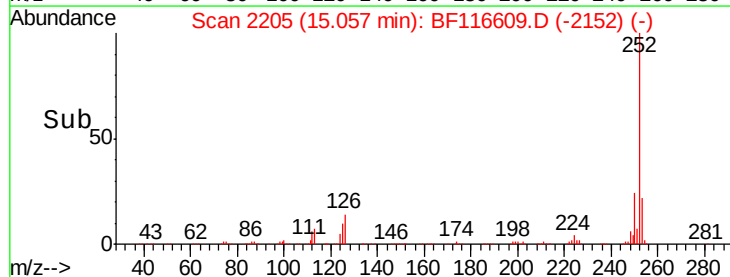
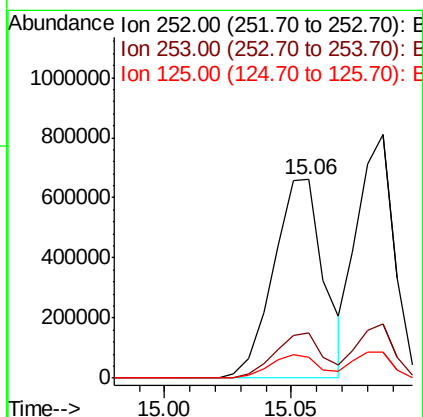
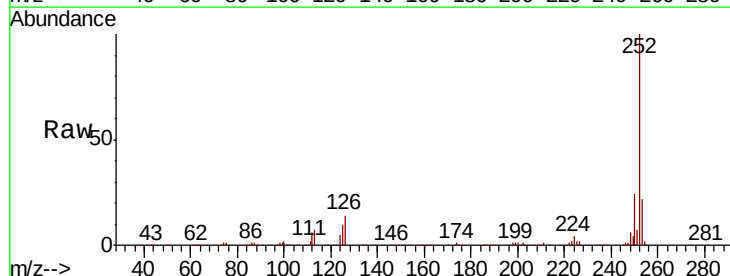
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:264 Resp: 256094  
Ion Ratio Lower Upper  
264 100  
260 23.6 20.0 30.0  
265 21.4 17.6 26.4

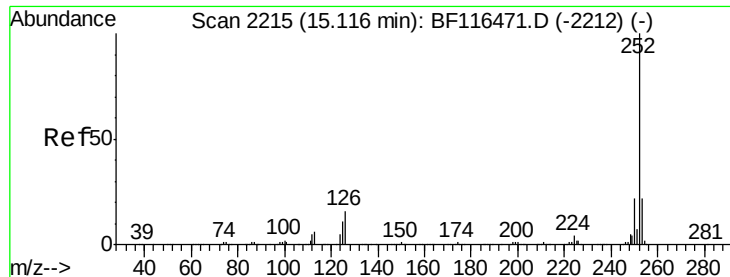


#88  
Benzo(b)fluoranthene  
Concen: 57.769 ng  
RT: 15.06 min Scan# 2205  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:252 Resp: 913920  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.3 25.9  
125 10.3 9.0 13.6



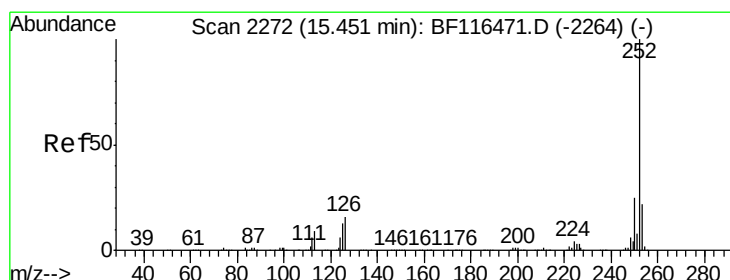
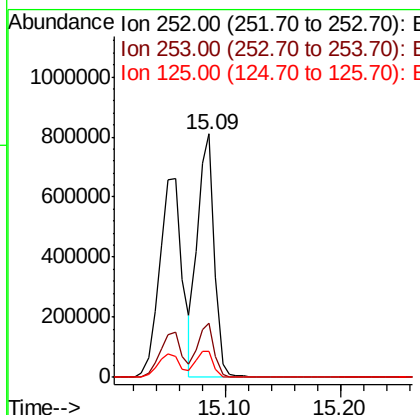
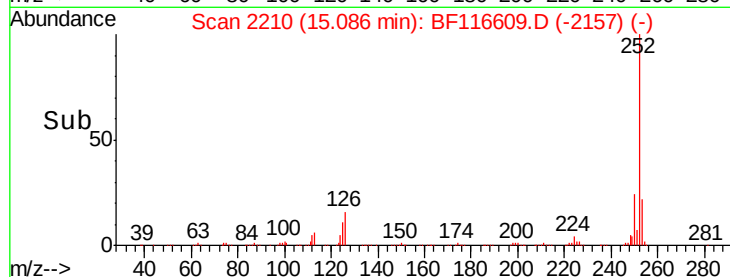
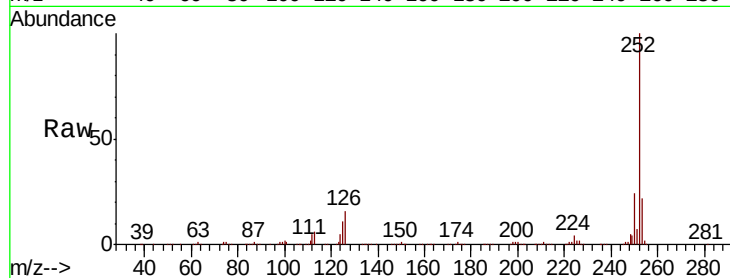




#89  
Benzo(k)fluoranthene  
Concen: 57.745 ng  
RT: 15.09 min Scan# 2210  
Delta R.T. 0.01 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

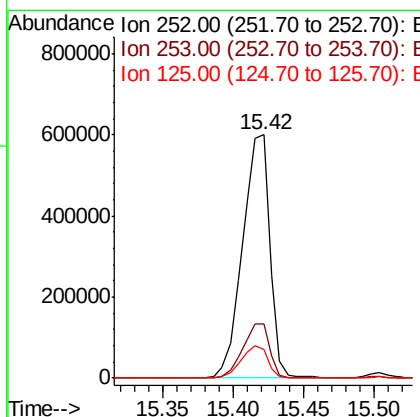
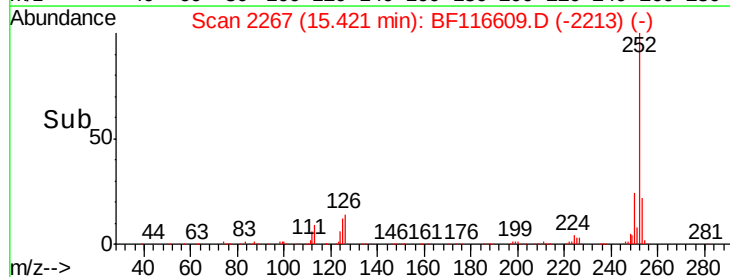
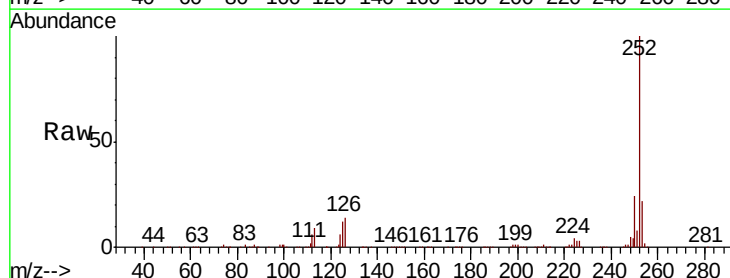
Instrument :  
BNA\_F  
ClientSampleId :

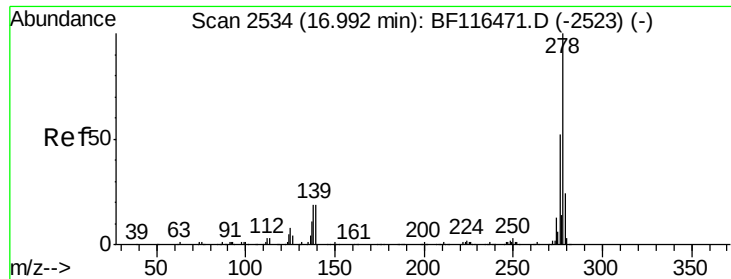
Tot Ion:252 Resp: 827618  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 10.5 8.6 13.0



#90  
Benzo(a)pyrene  
Concen: 58.311 ng  
RT: 15.42 min Scan# 2267  
Delta R.T. 0.02 min  
Lab File: BF116609.D  
Acq: 28 Aug 2019 11:16

Tgt Ion:252 Resp: 815303  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.0  
125 11.6 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 69.374 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.02 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

Instrument :

BNA\_F

ClientSampleId :

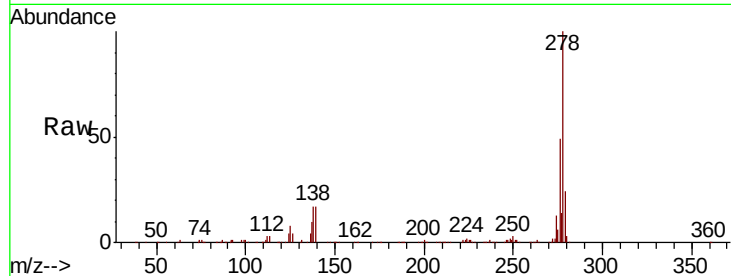
Tot Ion:278 Resp: 797057

Ion Ratio Lower Upper

278 100

139 17.2 14.1 21.1

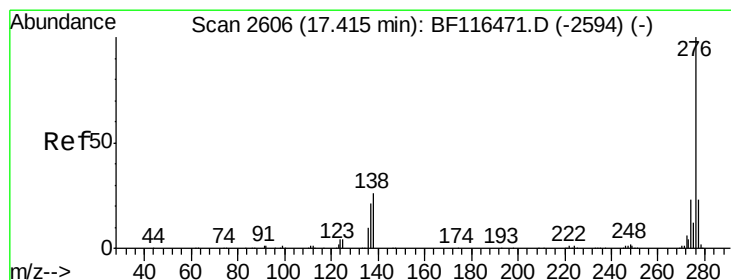
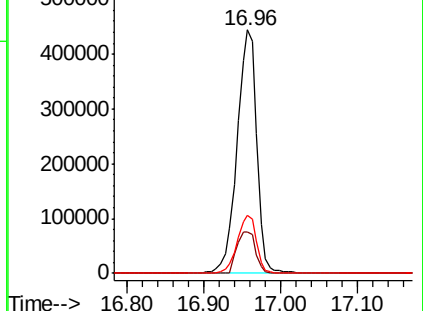
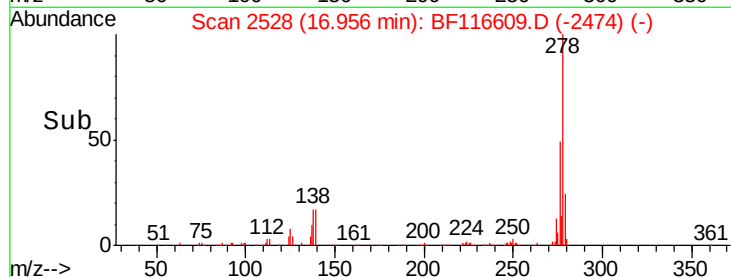
279 23.9 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 81.886 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.02 min

Lab File: BF116609.D

Acq: 28 Aug 2019 11:16

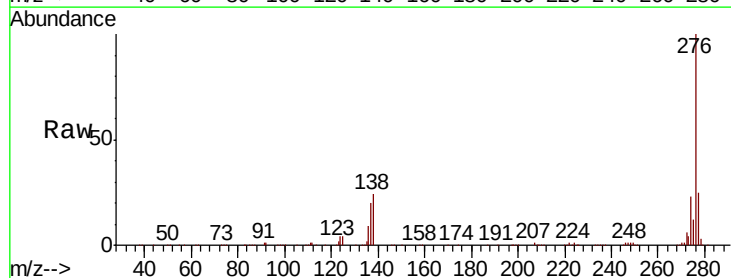
Tgt Ion:276 Resp: 896911

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 23.5 18.2 27.2



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

