

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\  
 Data File : BF118604.D  
 Acq On : 20 Jan 2020 21:19  
 Operator : CG/JU  
 Sample : L1154-07MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 21 01:43:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 20 14:45:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.88  | 152  | 484772   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 1852297  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.92  | 164  | 1034792  | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.40 | 188  | 1734486  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.04 | 240  | 1004982  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.51 | 264  | 1059611  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 2371977 | 90.87 | ng | 0.01 |
| 7) Phenol-d6             | 6.51  | 99  | 3255591 | 95.96 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 2003523 | 60.50 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.71 | 330 | 1065263 | 89.00 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.24  | 172 | 3821142 | 60.69 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.99 | 244 | 3762306 | 81.65 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.77 | 88  | 561991  | 44.453 | ng | 99     |
| 3) Pyridine                    | 3.52 | 79  | 1422704 | 39.927 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.46 | 42  | 727866  | 47.646 | ng | 94     |
| 6) Aniline                     | 6.55 | 93  | 737880  | 16.518 | ng | 97     |
| 8) 2-Chlorophenol              | 6.67 | 128 | 1515552 | 51.730 | ng | 99     |
| 9) Benzaldehyde                | 6.43 | 77  | 823079  | 39.893 | ng | 97     |
| 10) Phenol                     | 6.52 | 94  | 1925219 | 49.796 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 1421853 | 49.568 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 1642320 | 47.894 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 1655985 | 48.108 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 1583742 | 48.943 | ng | 99     |
| 15) Benzyl Alcohol             | 7.02 | 79  | 1374506 | 51.090 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.16 | 45  | 1919188 | 48.034 | ng | 99     |
| 17) 2-Methylphenol             | 7.13 | 107 | 1268334 | 51.973 | ng | 99     |
| 18) Hexachloroethane           | 7.40 | 117 | 602113  | 48.239 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 1135058 | 49.550 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 1522784 | 51.109 | ng | 92     |
| 22) Acetophenone               | 7.29 | 105 | 1988000 | 45.306 | ng | # 93   |
| 24) Nitrobenzene               | 7.46 | 77  | 1638014 | 48.307 | ng | 99     |
| 25) Isophorone                 | 7.70 | 82  | 2975562 | 49.263 | ng | 98     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 805861  | 55.731 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 1435599 | 57.494 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93  | 1844698 | 47.398 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 1385340 | 50.189 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 1499640 | 46.857 | ng | 99     |
| 31) Naphthalene                | 8.19 | 128 | 4111809 | 49.140 | ng | 98     |
| 32) Benzoic acid               | 7.93 | 122 | 869161  | 46.381 | ng | 98     |
| 33) 4-Chloroaniline            | 8.22 | 127 | 225384  | 5.828  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.31 | 225 | 890371  | 45.683 | ng | 99     |
| 35) Caprolactam                | 8.60 | 113 | 261881  | 28.991 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.71 | 107 | 1365111 | 50.082 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.88 | 142 | 3002686 | 50.839 | ng | 100    |
| 38) 1-Methylnaphthalene        | 8.98 | 142 | 2830847 | 50.450 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 1494134 | 46.147 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\  
 Data File : BF118604.D  
 Acq On : 20 Jan 2020 21:19  
 Operator : CG/JU  
 Sample : L1154-07MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

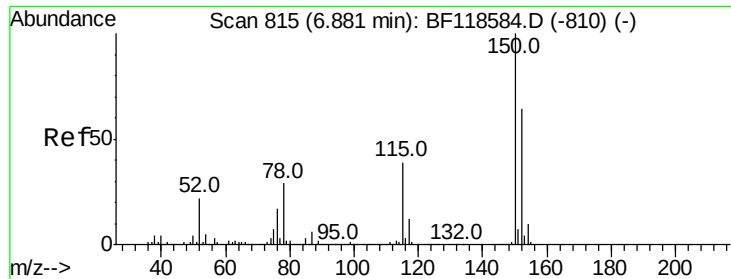
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 21 01:43:11 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 20 14:45:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.04  | 237  | 1783716  | 109.191 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 9.15  | 196  | 1064270  | 49.534  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.19  | 196  | 1072985  | 48.899  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 3473994  | 48.712  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 2852955  | 47.461  | ng    | 99       |
| 48) 2-Nitroaniline             | 9.46  | 65   | 838276   | 45.365  | ng    | 99       |
| 49) Acenaphthylene             | 9.79  | 152  | 4194469  | 49.600  | ng    | 99       |
| 50) Dimethylphthalate          | 9.65  | 163  | 3422356  | 50.763  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.70  | 165  | 765753   | 50.723  | ng    | 96       |
| 52) Acenaphthene               | 9.96  | 154  | 2819121  | 49.855  | ng    | 99       |
| 53) 3-Nitroaniline             | 9.86  | 138  | 204468   | 11.861  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 9.97  | 184  | 503289   | 83.505  | ng    | # 34     |
| 55) Dibenzofuran               | 10.13 | 168  | 3809270  | 48.610  | ng    | 98       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 1188106  | 91.298  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.10 | 165  | 980144   | 51.501  | ng    | 94       |
| 58) Fluorene                   | 10.47 | 166  | 2892935  | 47.025  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 921131   | 47.726  | ng    | 100      |
| 60) Diethylphthalate           | 10.35 | 149  | 3100090  | 47.426  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.46 | 204  | 1597475  | 47.745  | ng    | 99       |
| 62) 4-Nitroaniline             | 10.49 | 138  | 655590   | 37.076  | ng    | 95       |
| 63) Azobenzene                 | 10.62 | 77   | 3021547  | 47.730  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 10.51 | 198  | 397759   | 52.152  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.58 | 169  | 2692320  | 51.471  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.95 | 248  | 1097771  | 51.229  | ng    | # 94     |
| 68) Hexachlorobenzene          | 11.02 | 284  | 1171941  | 48.238  | ng    | 98       |
| 69) Atrazine                   | 11.11 | 200  | 966185   | 53.292  | ng    | 98       |
| 70) Pentachlorophenol          | 11.21 | 266  | 1220625  | 90.366  | ng    | 98       |
| 71) Phenanthrene               | 11.43 | 178  | 3968925  | 47.430  | ng    | 98       |
| 72) Anthracene                 | 11.49 | 178  | 4099674  | 49.513  | ng    | 98       |
| 73) Carbazole                  | 11.63 | 167  | 3475638  | 45.764  | ng    | 98       |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 4204899  | 49.833  | ng    | 97       |
| 75) Fluoranthene               | 12.62 | 202  | 3895036  | 44.133  | ng    | 98       |
| 77) Benzidine                  | 12.73 | 184  | 1124861  | 41.891  | ng    | 98       |
| 78) Pyrene                     | 12.84 | 202  | 3909388  | 57.298  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.46 | 149  | 1659016  | 59.413  | ng    | 97       |
| 81) Benzo(a)anthracene         | 14.03 | 228  | 2971937  | 49.160  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 356176   | 16.534  | ng    | 96       |
| 83) Chrysene                   | 14.07 | 228  | 2825315  | 48.763  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 2124213  | 62.266  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.64 | 149  | 3123086  | 61.848  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.99 | 276  | 3598104  | 71.470  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.08 | 252  | 3004336  | 45.107  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.12 | 252  | 2680022  | 43.432  | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.45 | 252  | 2674722  | 46.553  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.01 | 278  | 2992437  | 58.880  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.44 | 276  | 3026736  | 61.337  | ng    | 99       |

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



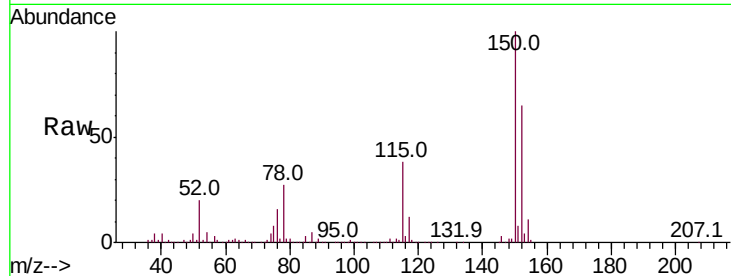


#1

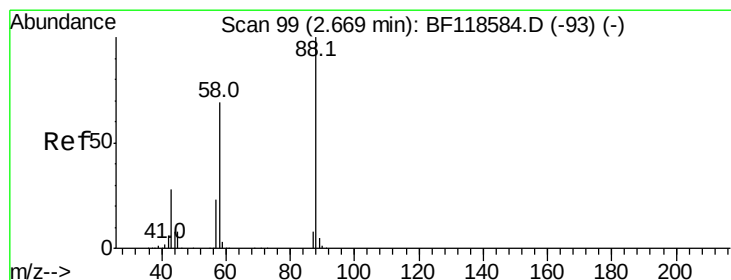
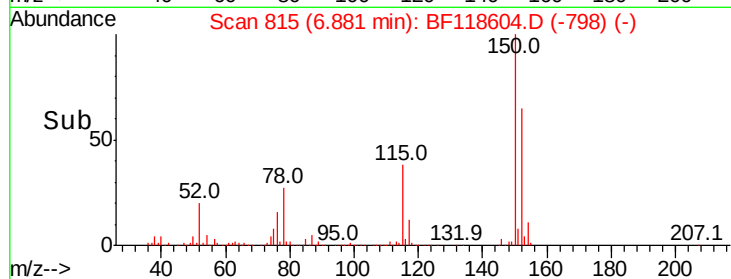
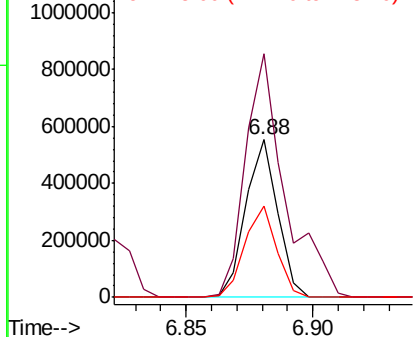
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.88 min Scan# 815  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 484772  
Ion Ratio Lower Upper  
152 100  
150 154.6 125.6 188.4  
115 58.3 48.4 72.6



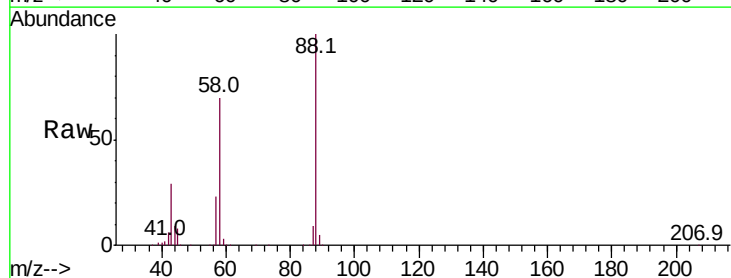
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



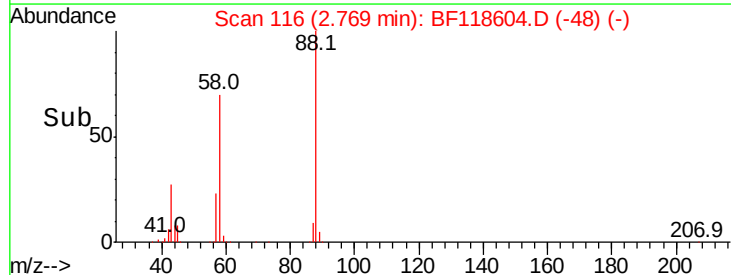
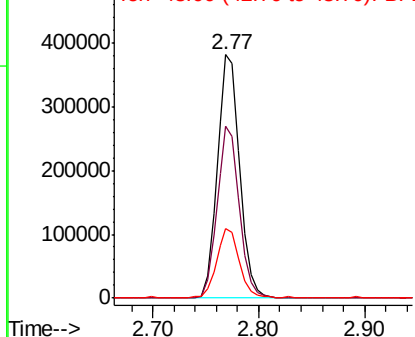
#2

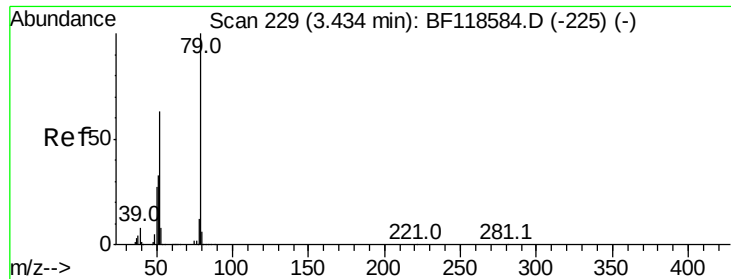
1,4-Dioxane  
Concen: 44.453 ng  
RT: 2.77 min Scan# 116  
Delta R.T. 0.10 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion: 88 Resp: 561991  
Ion Ratio Lower Upper  
88 100  
58 69.6 56.1 84.1  
43 28.2 23.0 34.6



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: 39.927 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

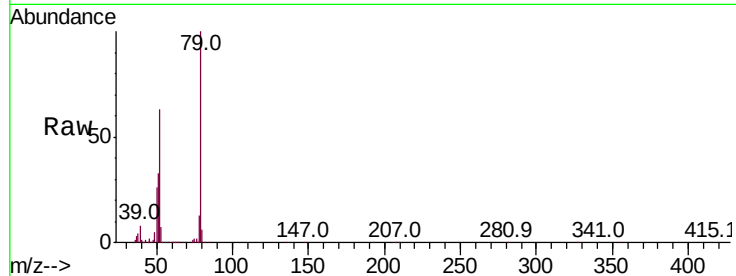
Tot Ion: 79 Resp: 1422704

Ion Ratio Lower Upper

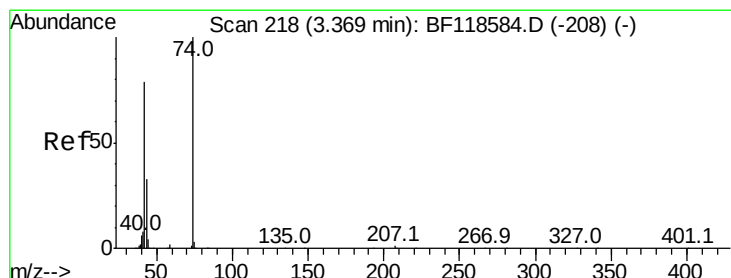
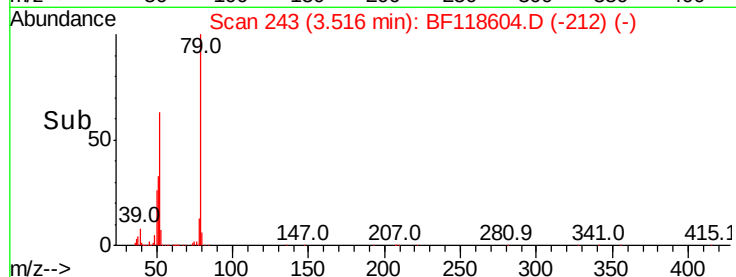
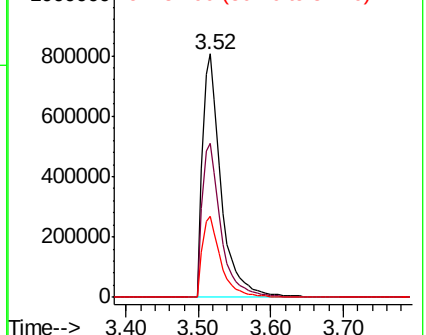
79 100

52 63.1 50.7 76.1

51 33.1 26.6 40.0



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



#4

n-Nitrosodimethylamine

Concen: 47.646 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.09 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

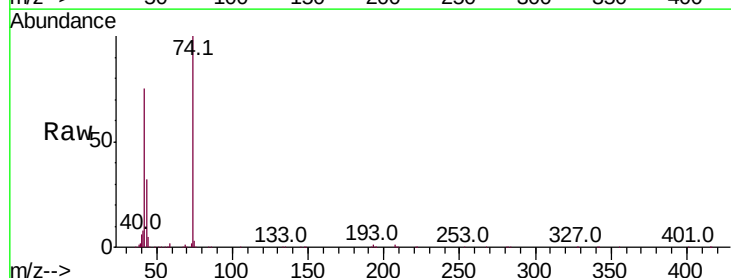
Tgt Ion: 42 Resp: 727866

Ion Ratio Lower Upper

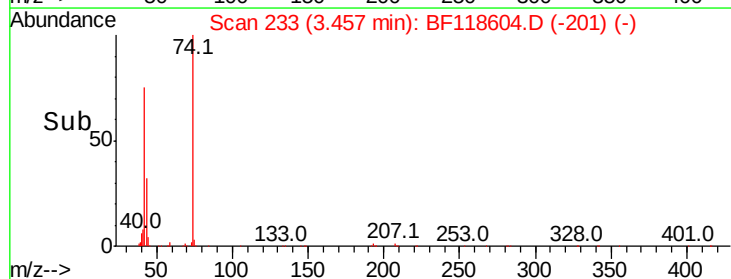
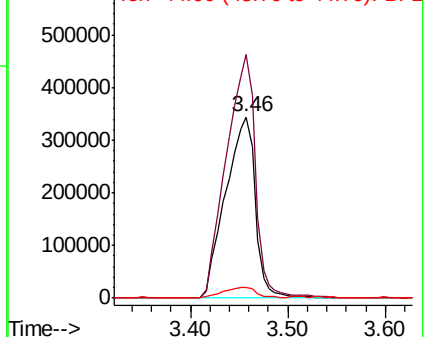
42 100

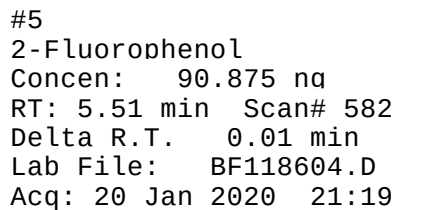
74 134.1 101.6 152.4

44 6.1 4.9 7.3

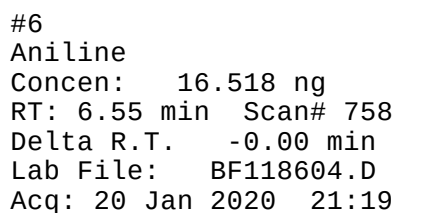
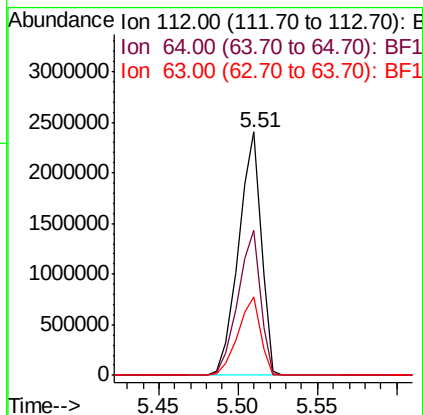
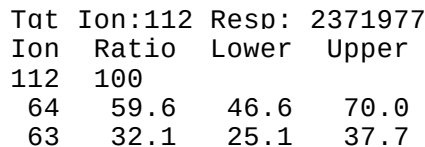


Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1

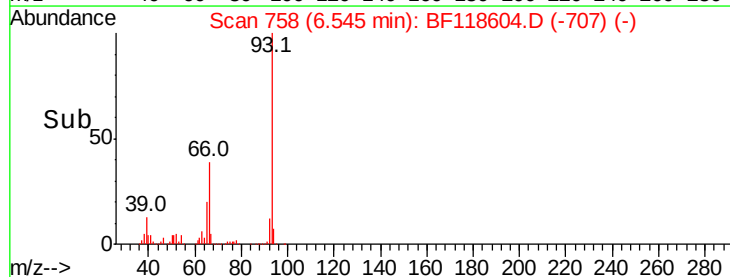
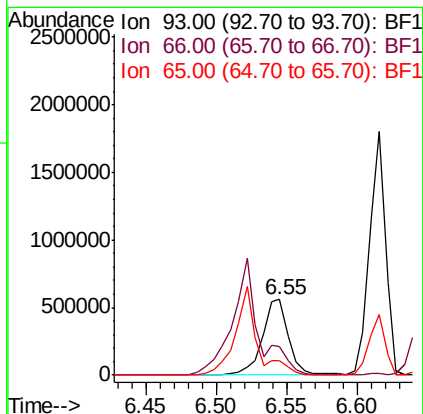


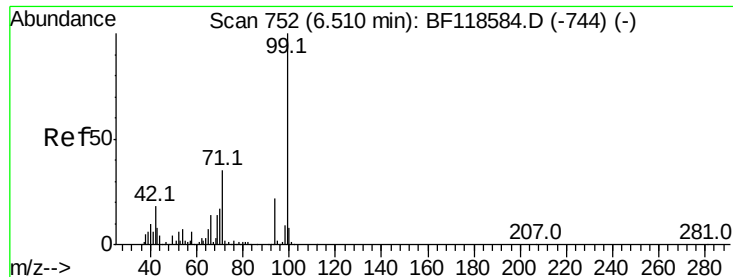


**Instrument :**  
BNA\_F  
**ClientSampleId :**



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 93 | Resp: | 737880 |
| Ion | Ratio   | Lower | Upper  |
| 93  | 100     |       |        |
| 66  | 38.6    | 32.8  | 49.2   |
| 65  | 19.8    | 16.5  | 24.7   |





#7

Phenol-d6

Concen: 95.963 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

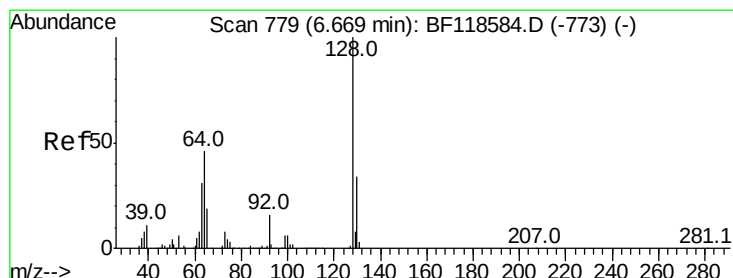
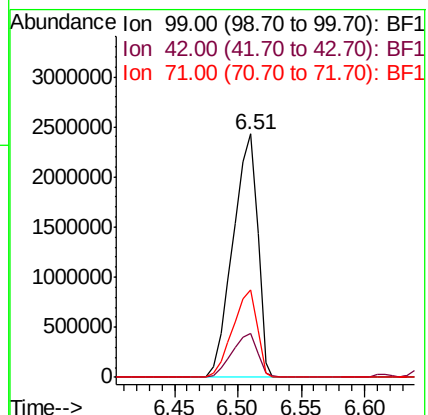
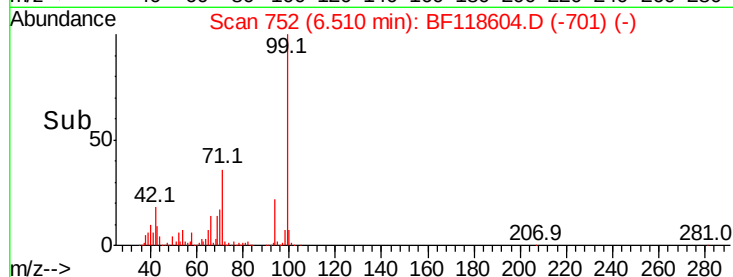
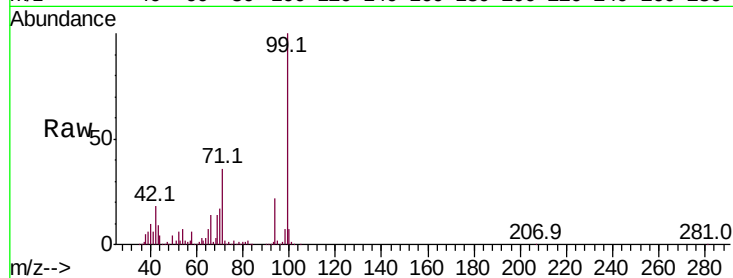
Tot Ion: 99 Resp: 3255591

Ion Ratio Lower Upper

99 100

42 18.3 14.2 21.2

71 36.0 27.8 41.6



#8

2-Chlorophenol

Concen: 51.730 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

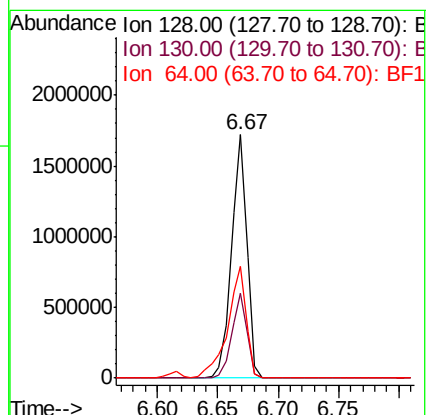
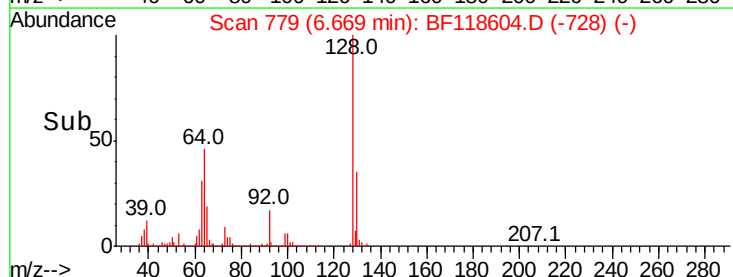
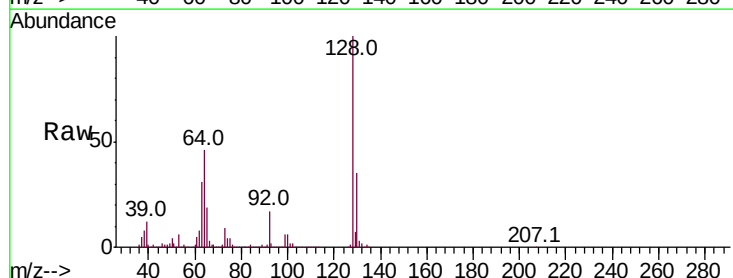
Tgt Ion:128 Resp: 1515552

Ion Ratio Lower Upper

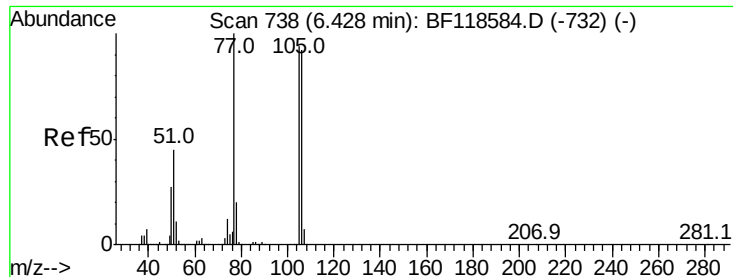
128 100

130 34.8 13.6 53.6

64 46.1 26.4 66.4







#9

Benzaldehyde

Concen: 39.893 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampled :

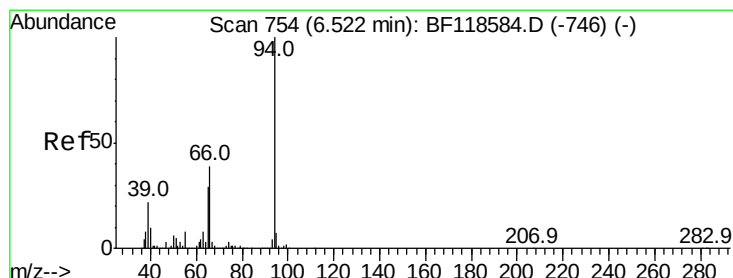
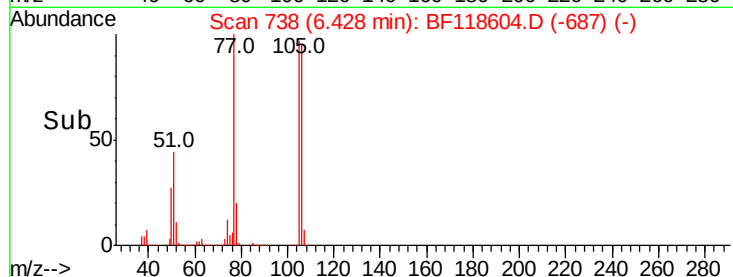
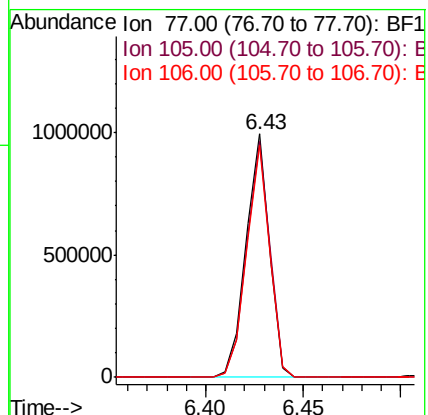
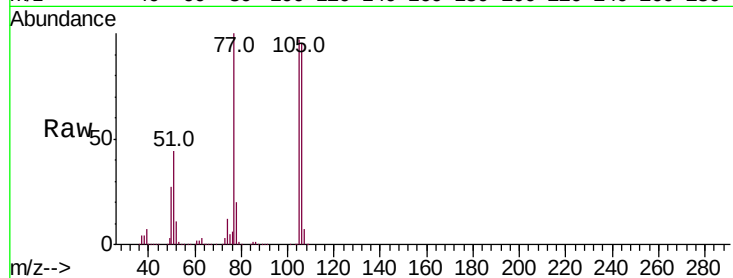
Tot Ion: 77 Resp: 823079

Ion Ratio Lower Upper

77 100

105 96.7 73.5 113.5

106 95.1 71.9 111.9



#10

Phenol

Concen: 49.796 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

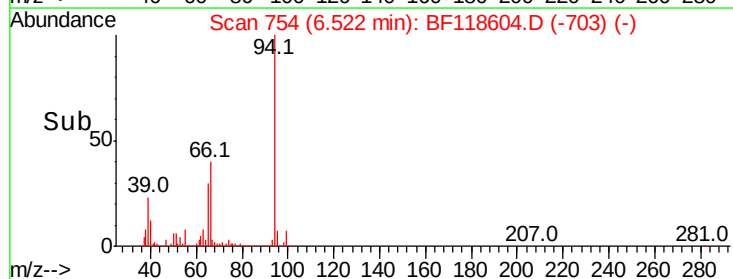
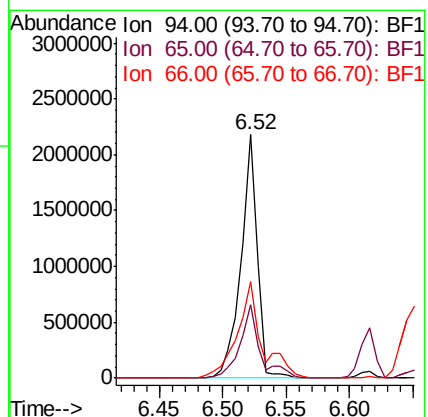
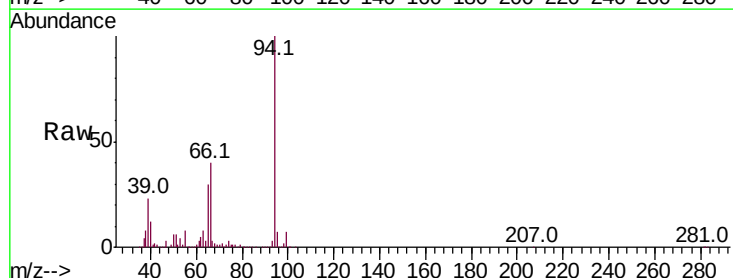
Tgt Ion: 94 Resp: 1925219

Ion Ratio Lower Upper

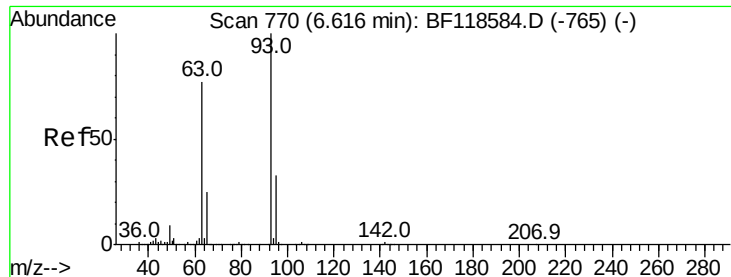
94 100

65 30.1 9.5 49.5

66 39.6 18.5 58.5





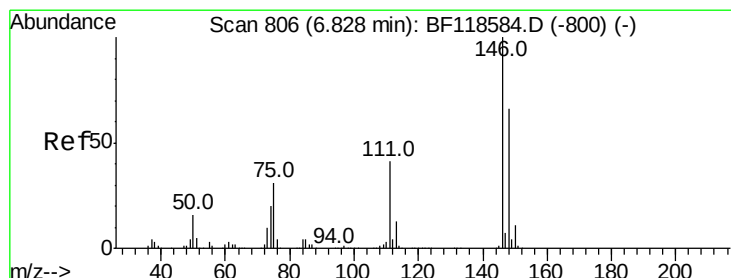
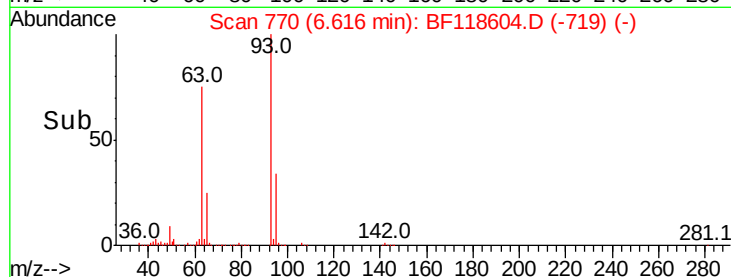
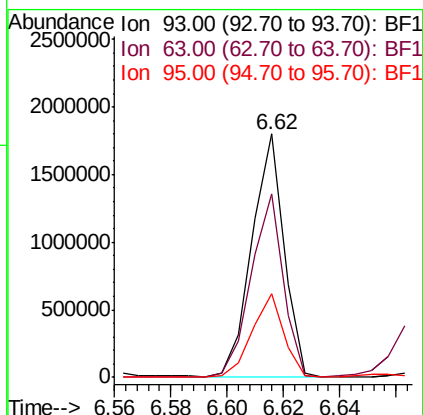
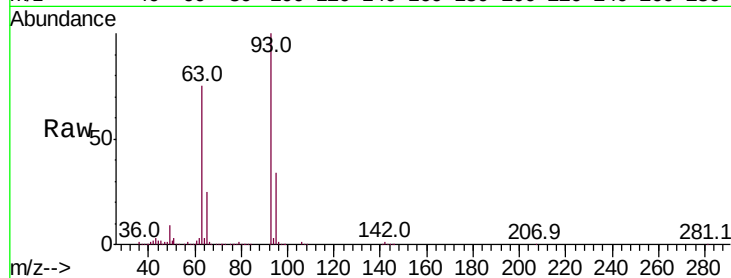


#11  
 bis(2-Chloroethyl)ether  
 Concen: 49.568 ng  
 RT: 6.62 min Scan# 770  
 Delta R.T. -0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion: 93 Resp: 1421853  

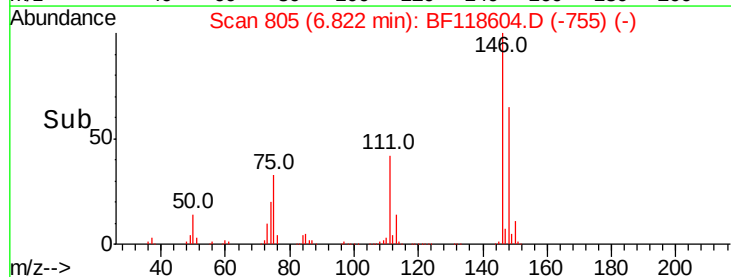
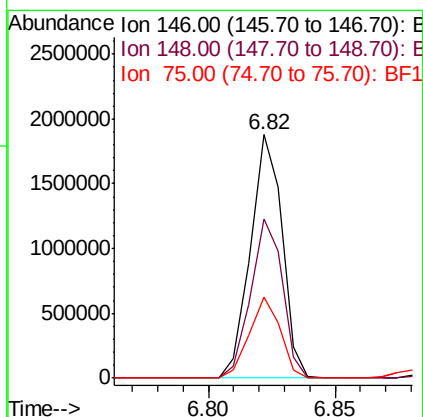
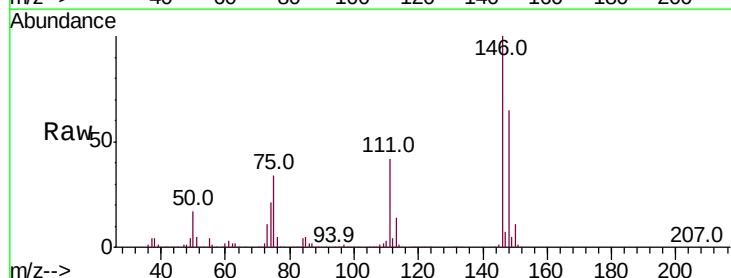
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 75.2  | 56.3  | 96.3  |
| 95  | 34.2  | 13.3  | 53.3  |

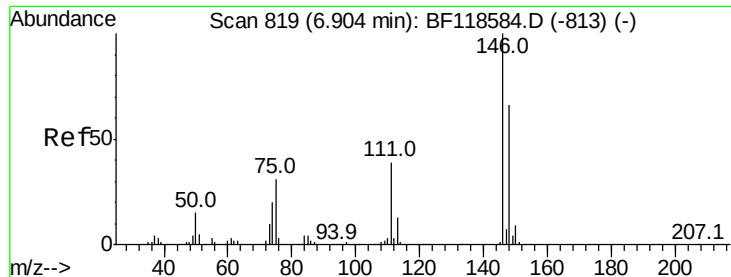


#12  
 1,3-Dichlorobenzene  
 Concen: 47.894 ng  
 RT: 6.82 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Tgt Ion: 146 Resp: 1642320  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.2  | 53.0  | 79.6  |
| 75  | 33.5  | 25.1  | 37.7  |

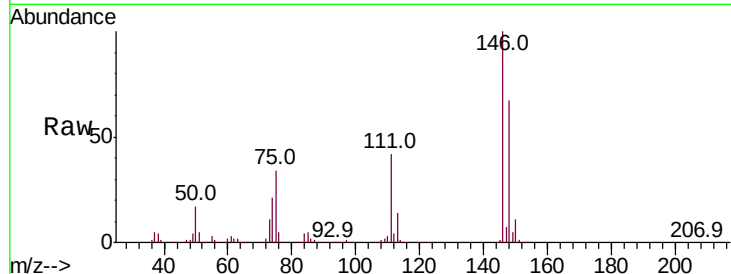




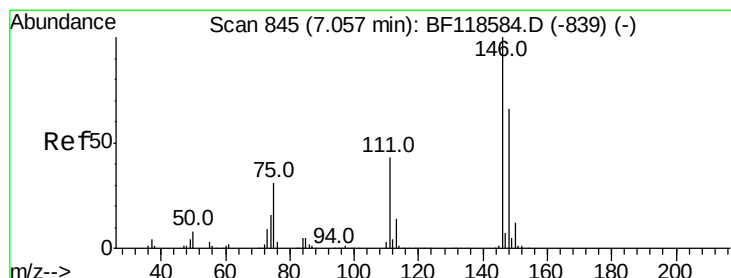
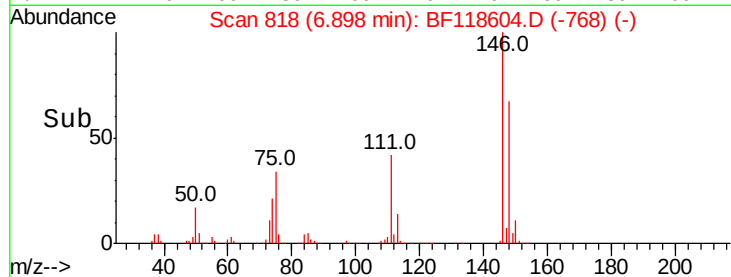
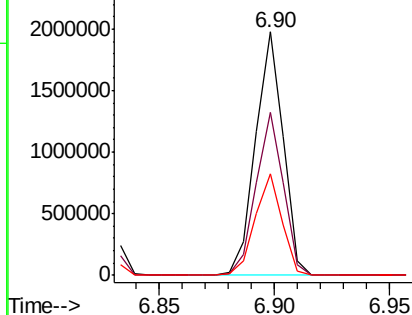
#13  
1,4-Dichlorobenzene  
Concen: 48.108 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:146 Resp: 1655985  
Ion Ratio Lower Upper  
146 100  
148 66.7 52.4 78.6  
111 41.7 31.6 47.4

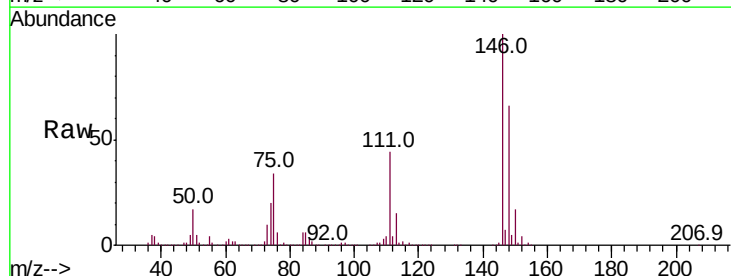


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

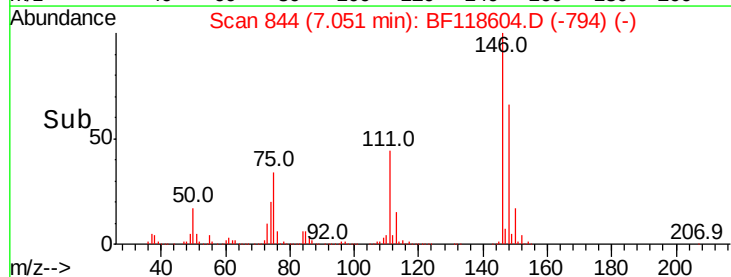
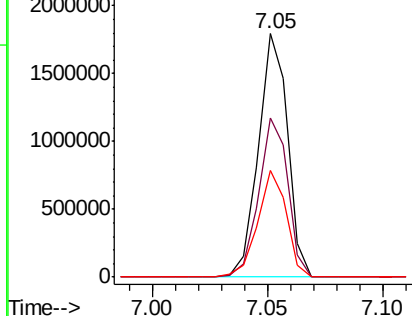


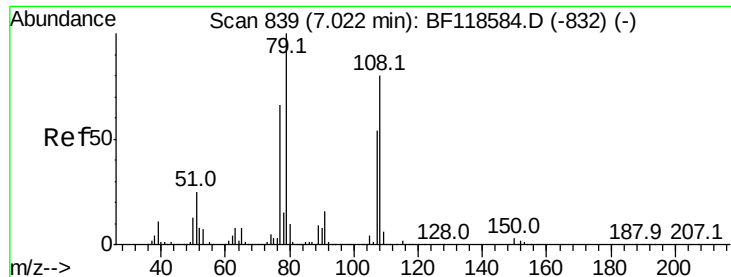
#14  
1,2-Dichlorobenzene  
Concen: 48.943 ng  
RT: 7.05 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:146 Resp: 1583742  
Ion Ratio Lower Upper  
146 100  
148 65.6 52.7 79.1  
111 43.9 34.6 52.0



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





#15

Benzyl Alcohol

Concen: 51.090 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

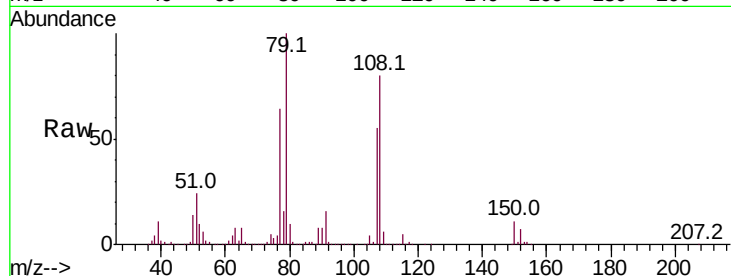
Tot Ion: 79 Resp: 1374506

Ion Ratio Lower Upper

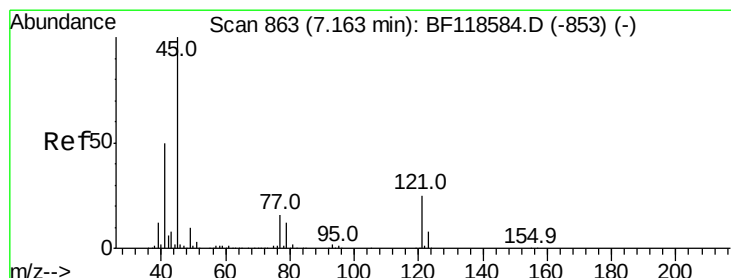
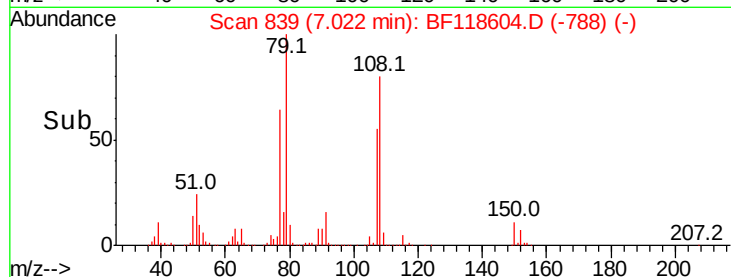
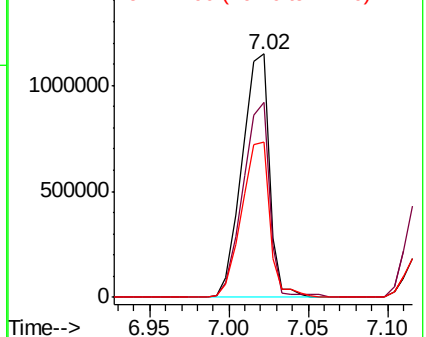
79 100

108 79.9 63.6 95.4

77 64.0 52.5 78.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.034 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

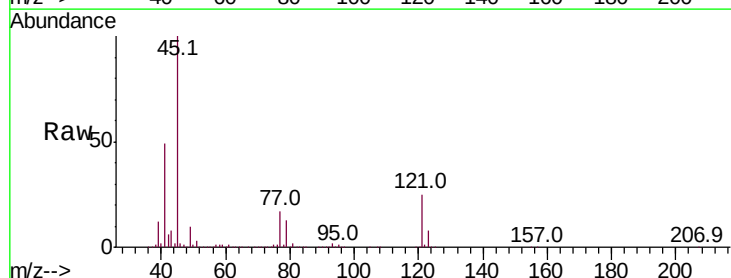
Tgt Ion: 45 Resp: 1919188

Ion Ratio Lower Upper

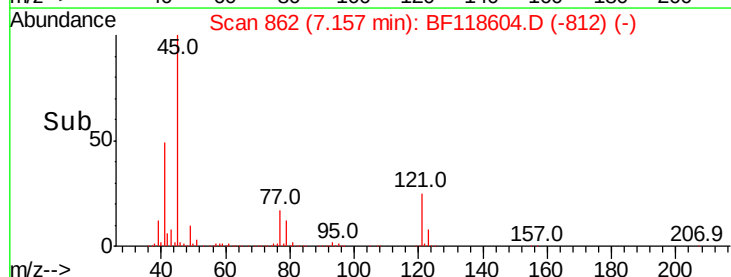
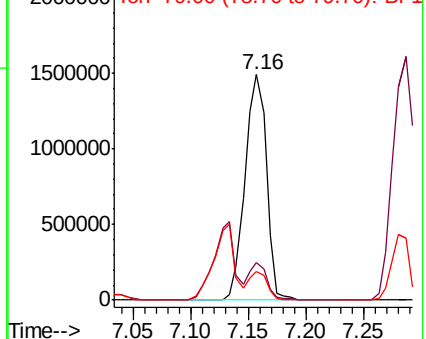
45 100

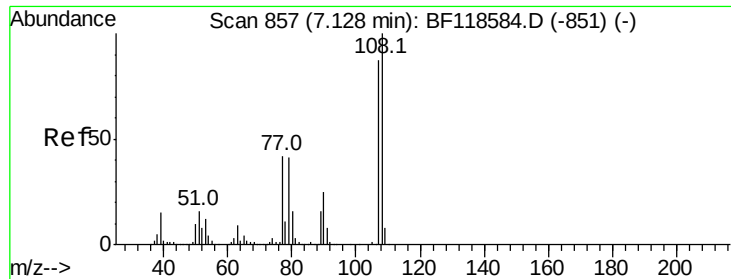
77 16.5 0.0 36.1

79 12.5 0.0 32.4



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 51.973 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:107 Resp: 1268334

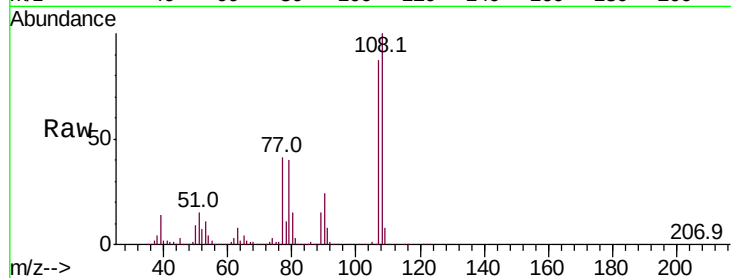
Ion Ratio Lower Upper

107 100

108 114.9 91.5 137.3

77 47.7 38.7 58.1

79 46.3 37.7 56.5

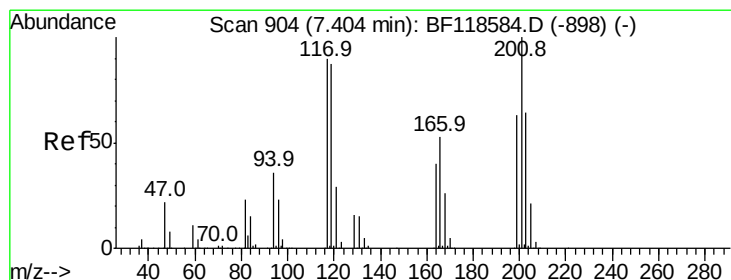
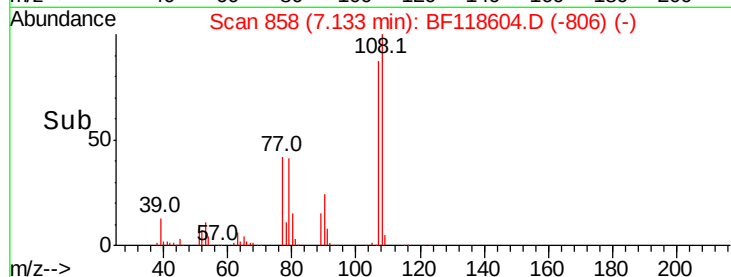
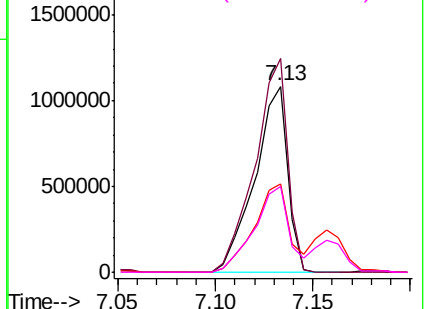


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 48.239 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

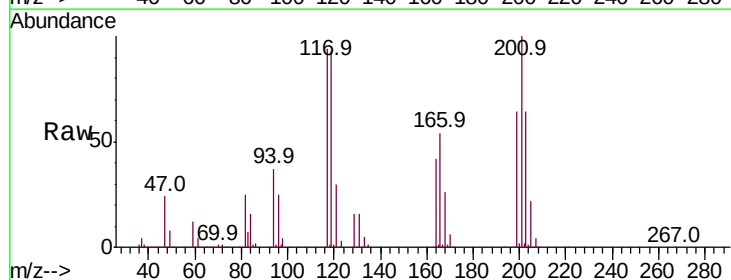
Tgt Ion:117 Resp: 602113

Ion Ratio Lower Upper

117 100

119 99.4 77.6 116.4

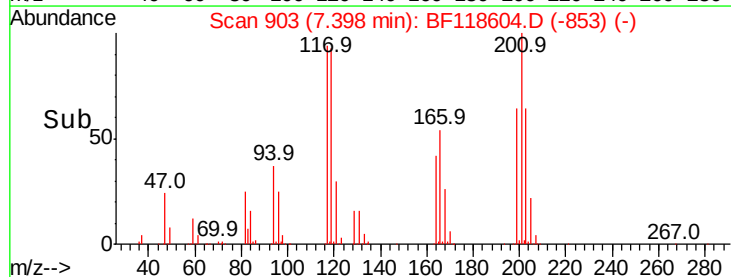
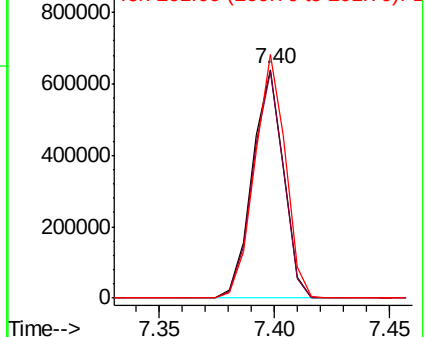
201 106.6 88.8 133.2

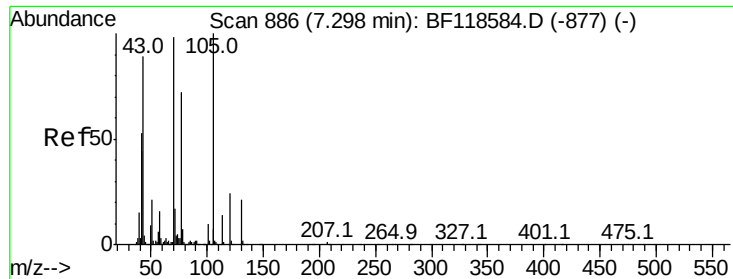


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

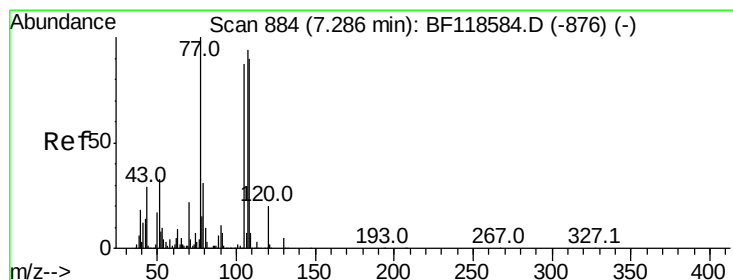
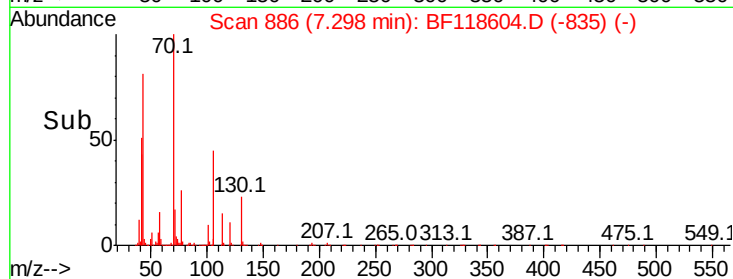
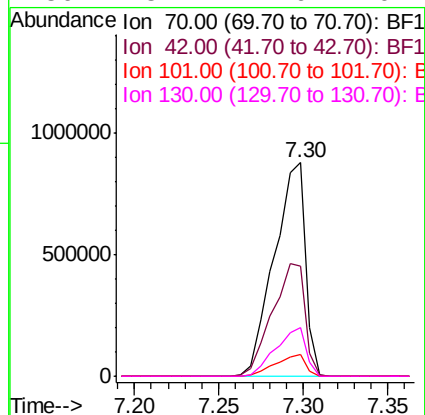
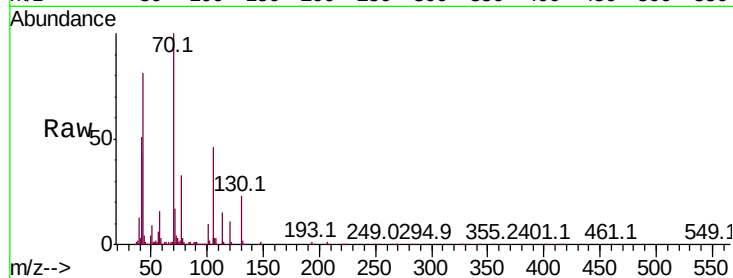




#19  
 n-Nitroso-di-n-propylamine  
 Concen: 49.550 ng  
 RT: 7.30 min Scan# 886  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

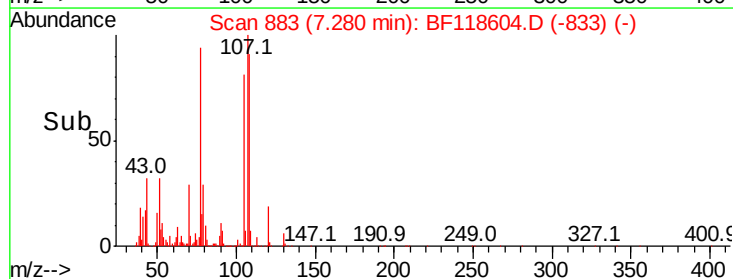
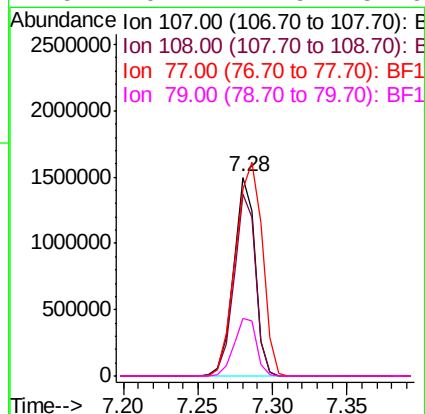
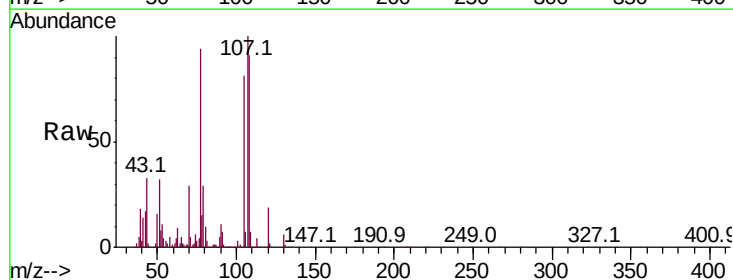
Instrument :  
 BNA\_F  
 ClientSampleId :

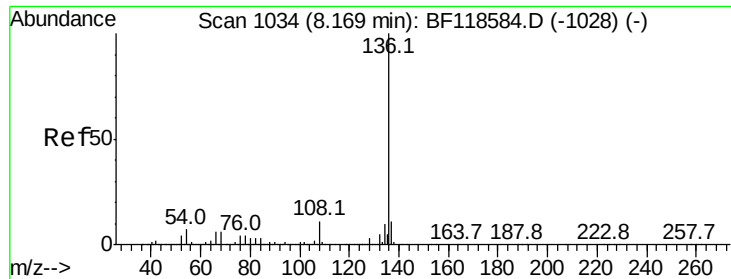
| Tot Ion: | 70    | Resp: | 1135058 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 70       | 100   |       |         |
| 42       | 51.5  | 43.4  | 65.0    |
| 101      | 10.1  | 8.1   | 12.1    |
| 130      | 23.1  | 17.6  | 26.4    |



#20  
 3+4-Methylphenols  
 Concen: 51.109 ng  
 RT: 7.28 min Scan# 883  
 Delta R.T. -0.01 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

| Tgt Ion: | 107   | Resp: | 1522784 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 91.2  | 75.8  | 115.8   |
| 77       | 94.3  | 86.5  | 126.5   |
| 79       | 29.1  | 12.9  | 52.9    |

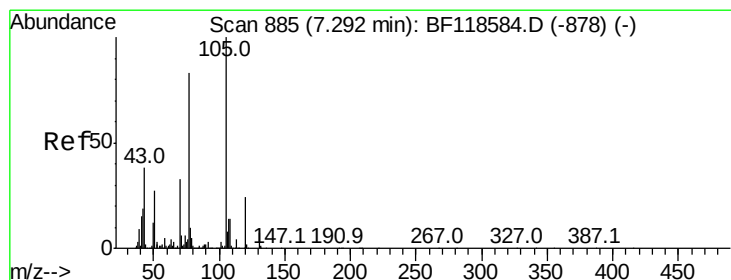
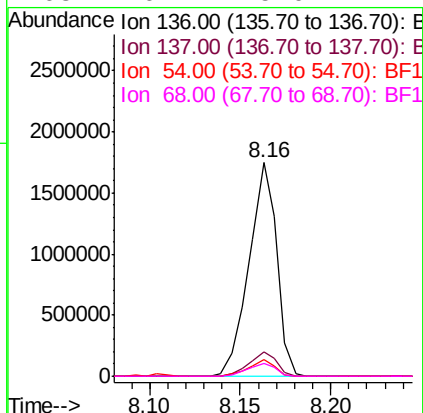
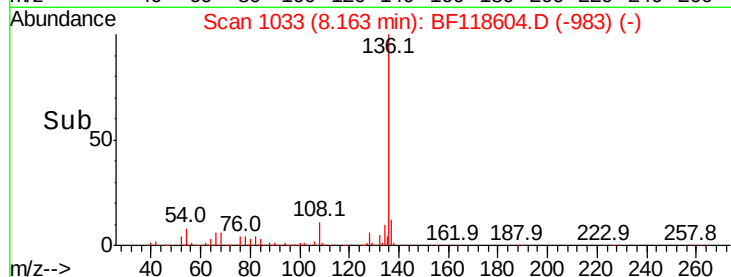
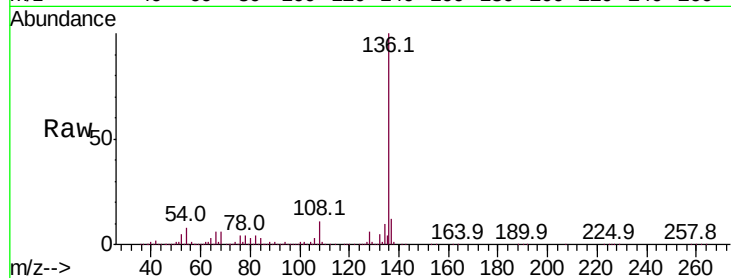




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

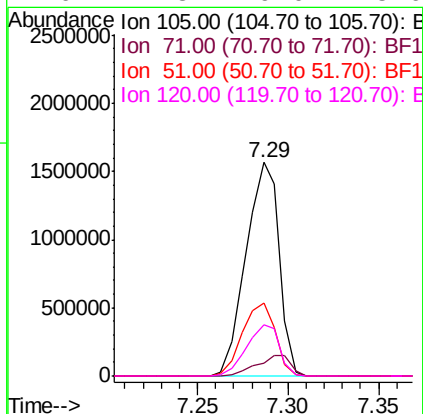
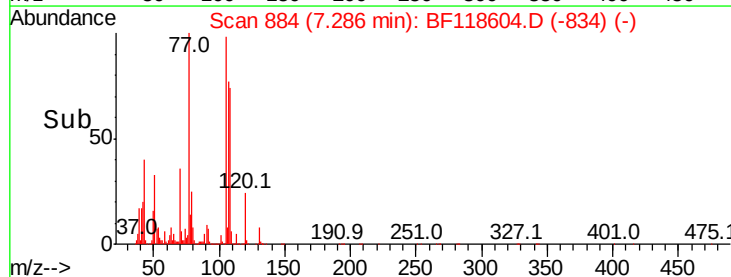
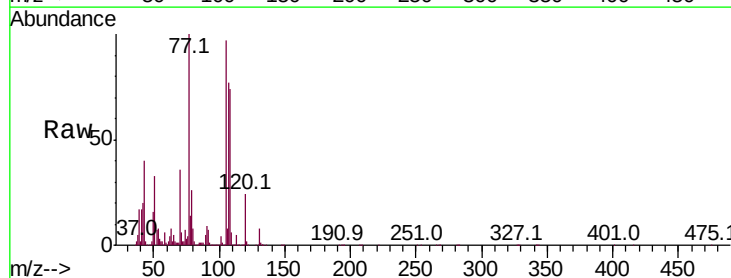
Instrument :  
BNA\_F  
ClientSampleId :

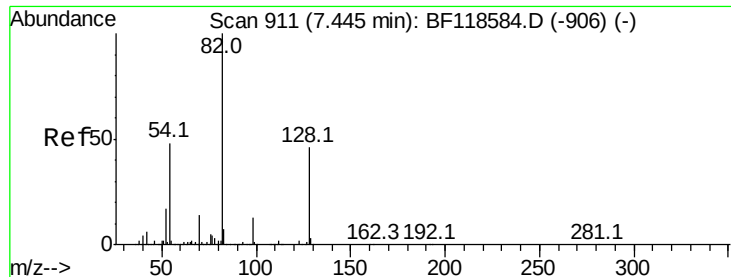
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1852297 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.6    | 9.1 13.7      |
| 54 7.6      | 5.8 8.6       |
| 68 6.2      | 5.0 7.4       |



#22  
Acetophenone  
Concen: 45.306 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 1988000 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 6.2     | 4.5   | 6.7     |
| 51  | 34.2    | 21.5  | 32.3#   |
| 120 | 24.3    | 19.0  | 28.6    |





#23

Nitrobenzene-d5

Concen: 60.501 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

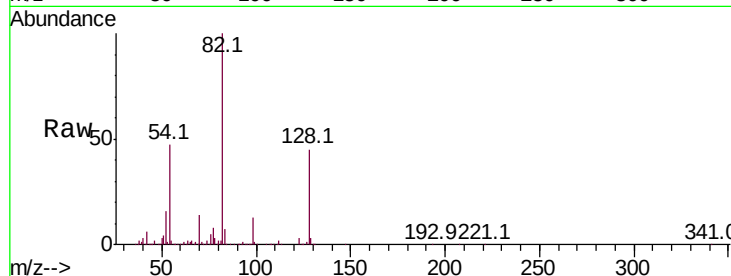
Tot Ion: 82 Resp: 2003523

Ion Ratio Lower Upper

82 100

128 44.7 36.6 54.8

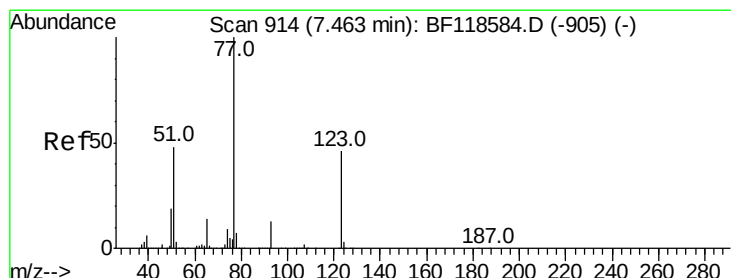
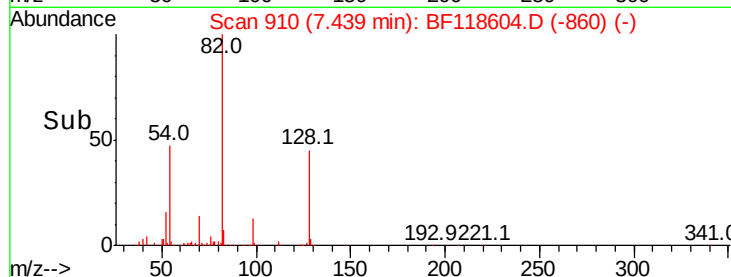
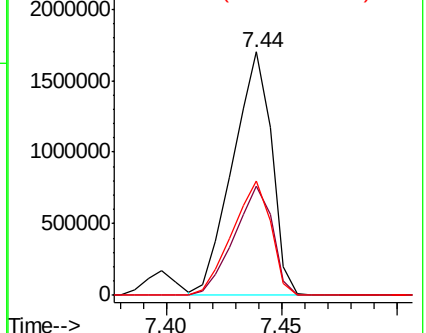
54 46.9 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 48.307 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

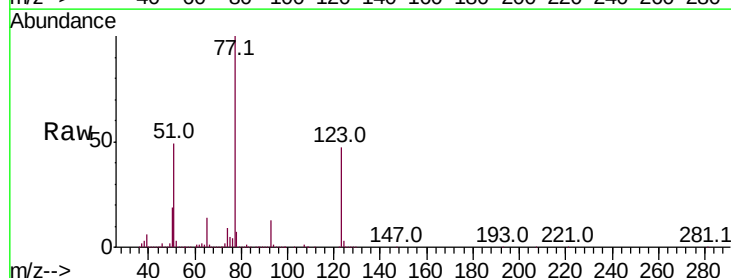
Tgt Ion: 77 Resp: 1638014

Ion Ratio Lower Upper

77 100

123 47.2 37.0 55.4

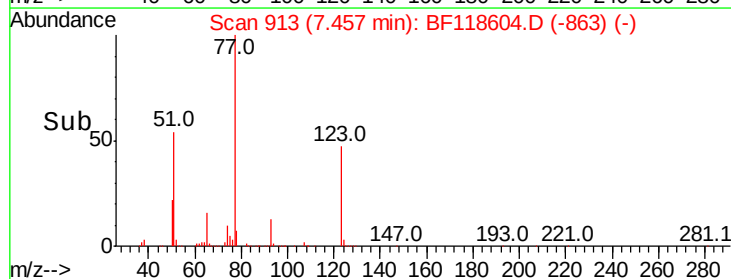
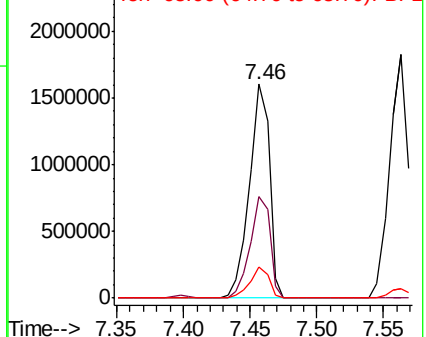
65 14.3 11.1 16.7



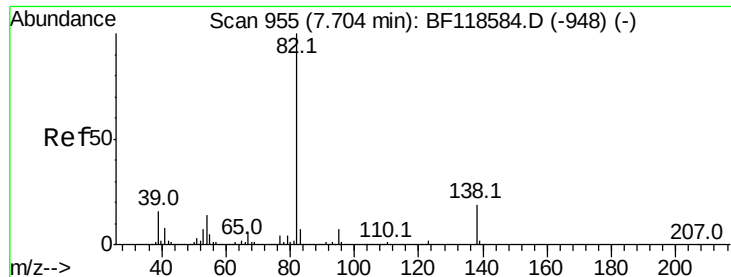
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 49.263 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

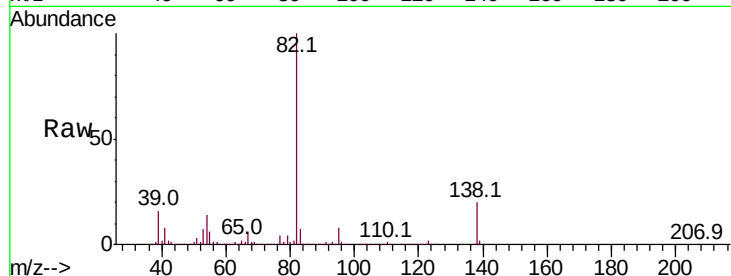
Tot Ion: 82 Resp: 2975562

Ion Ratio Lower Upper

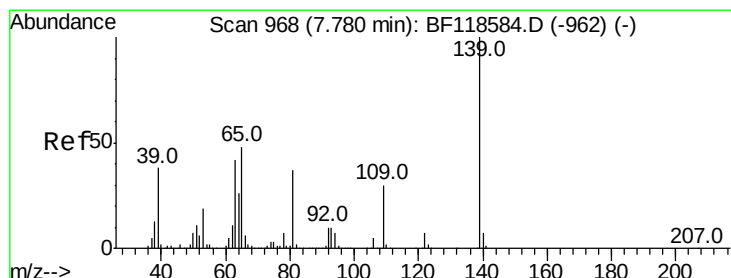
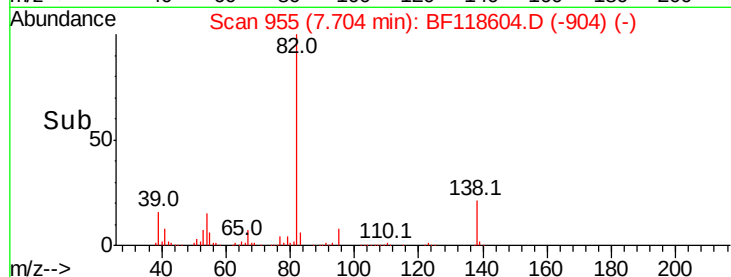
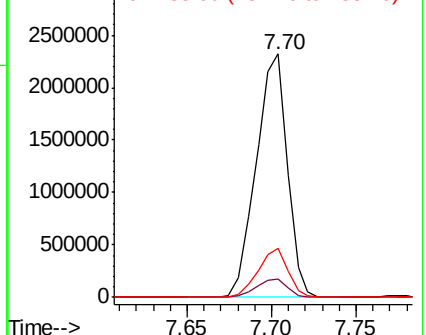
82 100

95 7.6 5.9 8.9

138 19.9 15.3 22.9



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: 55.731 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

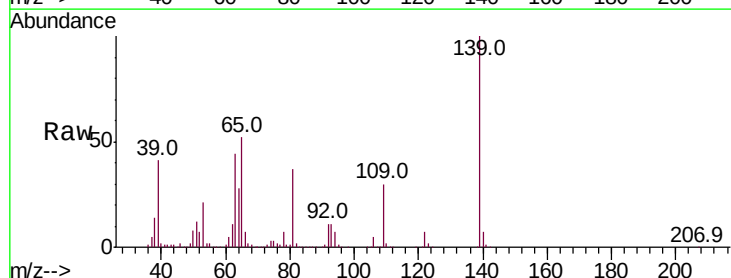
Tgt Ion:139 Resp: 805861

Ion Ratio Lower Upper

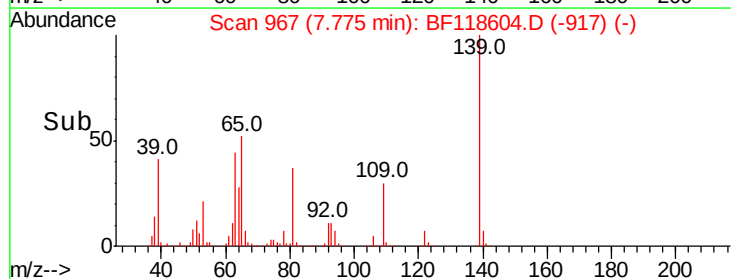
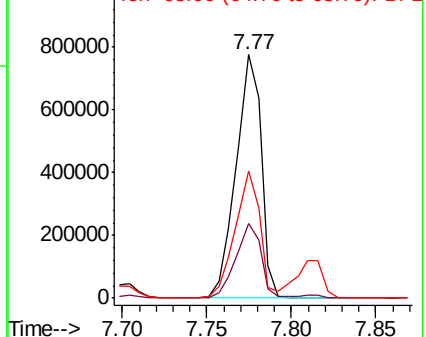
139 100

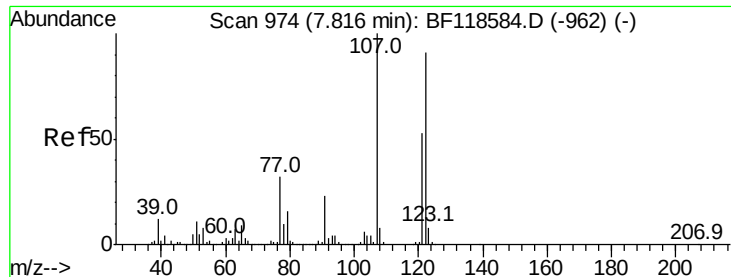
109 30.4 23.8 35.8

65 52.1 38.5 57.7



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





#27

2,4-Dimethylphenol

Concen: 57.494 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

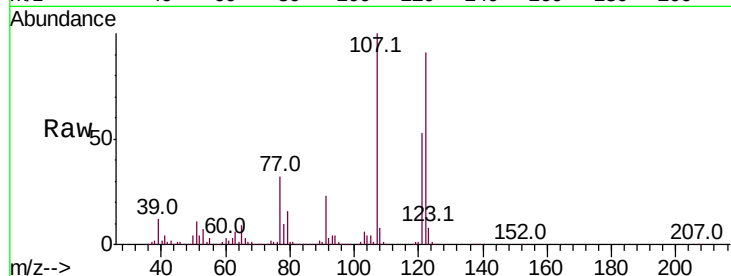
Tot Ion:122 Resp: 1435599

Ion Ratio Lower Upper

122 100

107 110.4 88.0 132.0

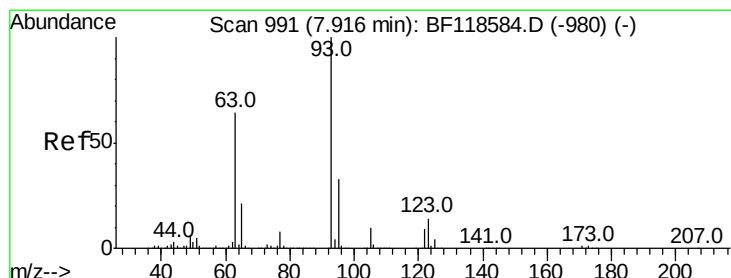
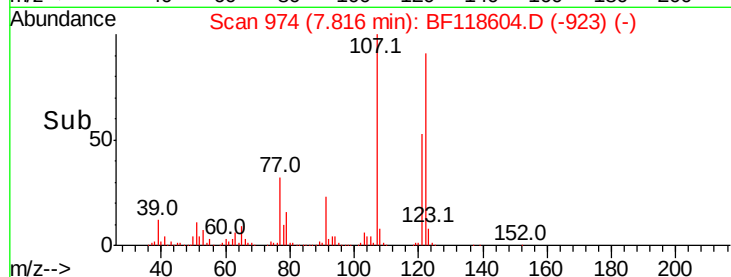
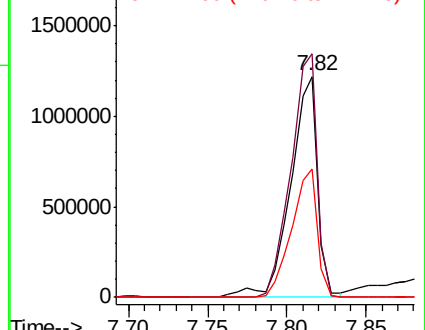
121 58.4 46.3 69.5



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: 47.398 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

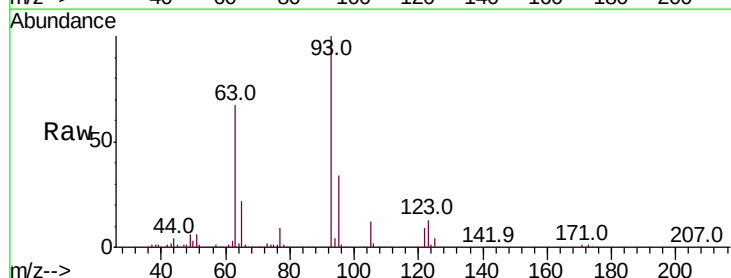
Tgt Ion: 93 Resp: 1844698

Ion Ratio Lower Upper

93 100

95 34.0 26.7 40.1

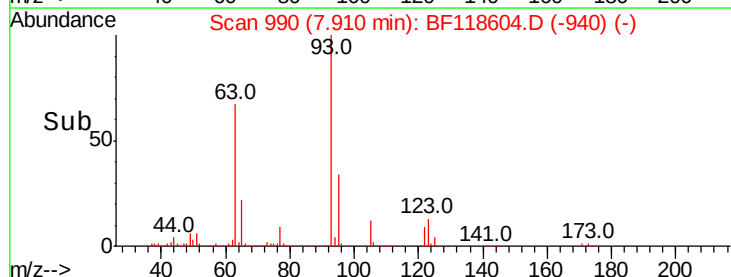
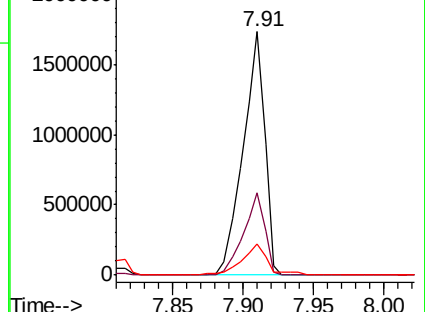
123 13.0 11.0 16.6

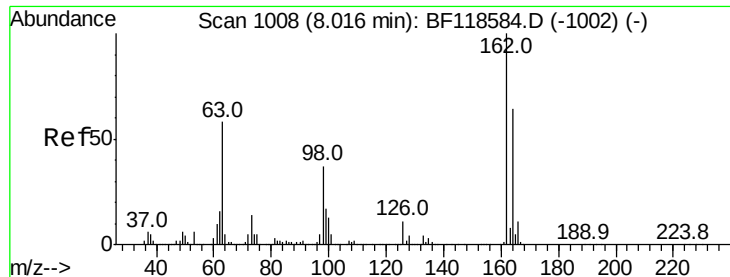


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

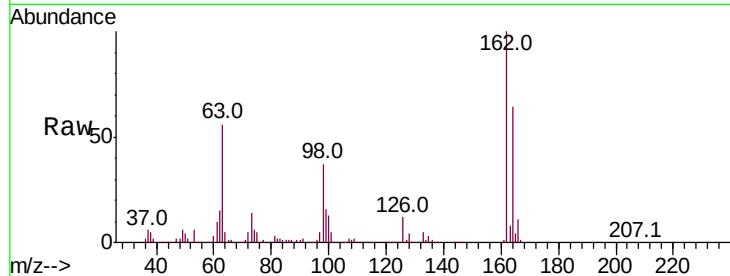




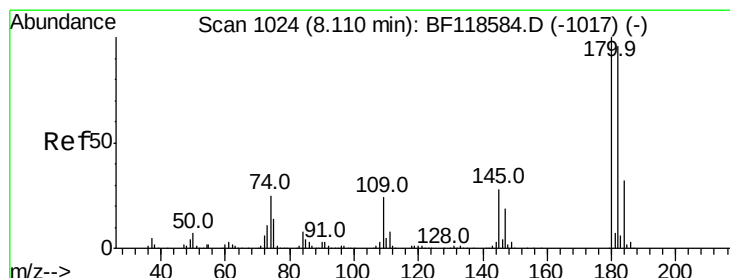
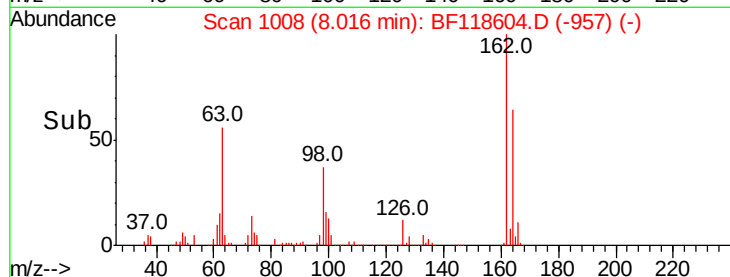
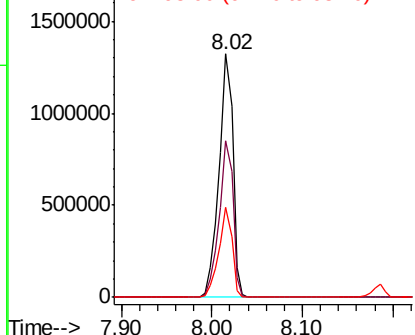
#29  
2,4-Dichlorophenol  
Concen: 50.189 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:162 Resp: 1385340  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.3 84.3  
98 36.9 17.5 57.5

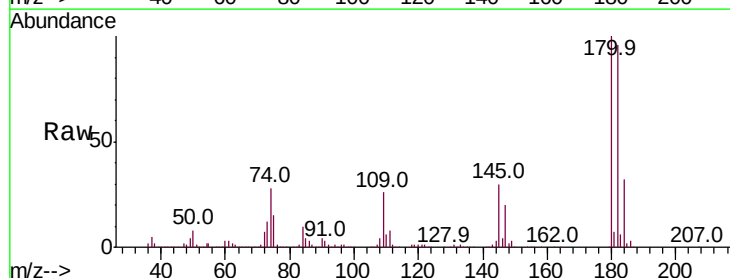


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

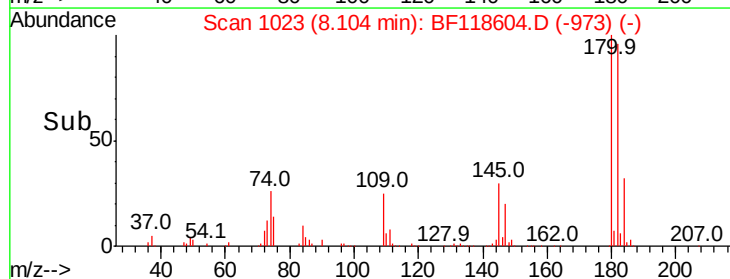
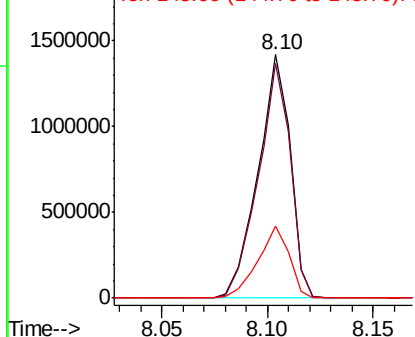


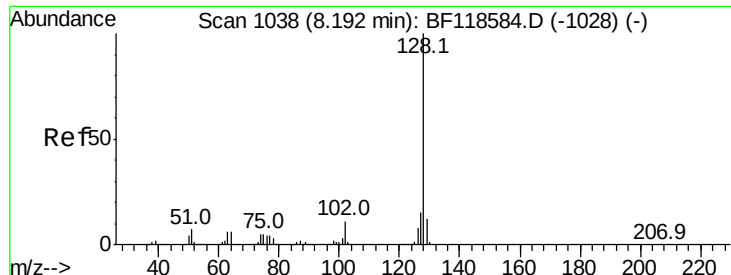
#30  
1,2,4-Trichlorobenzene  
Concen: 46.857 ng  
RT: 8.10 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:180 Resp: 1499640  
Ion Ratio Lower Upper  
180 100  
182 96.4 76.9 115.3  
145 29.8 22.8 34.2



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

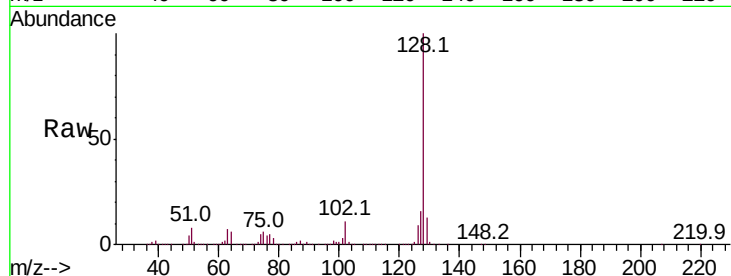




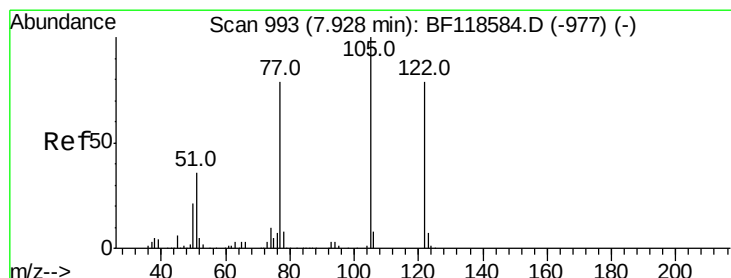
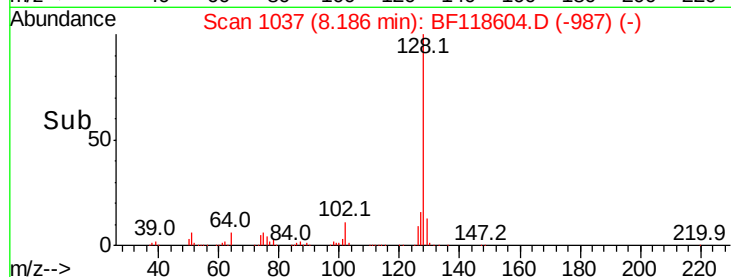
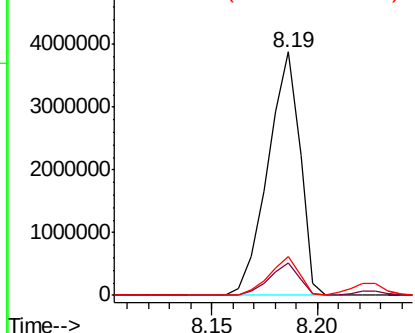
#31  
Naphthalene  
Concen: 49.140 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 4111809  
Ion Ratio Lower Upper  
128 100  
129 13.4 9.9 14.9  
127 15.7 12.0 18.0

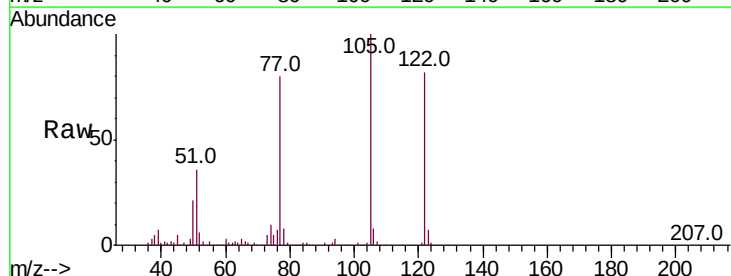


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

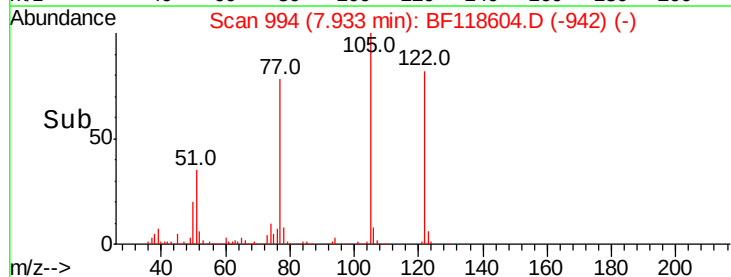
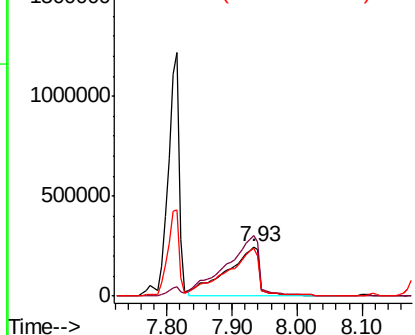


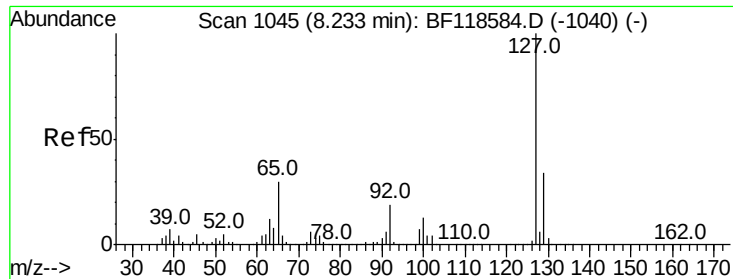
#32  
Benzoic acid  
Concen: 46.381 ng  
RT: 7.93 min Scan# 994  
Delta R.T. 0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:122 Resp: 869161  
Ion Ratio Lower Upper  
122 100  
105 121.9 104.3 144.3  
77 97.1 79.4 119.4



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

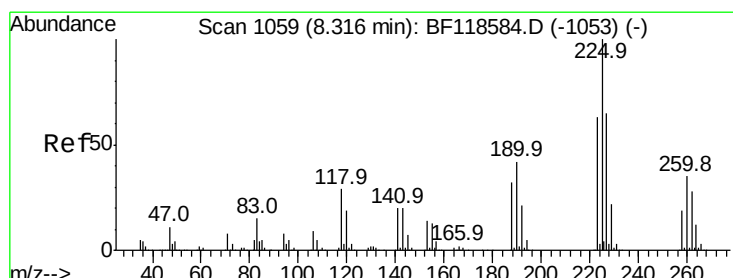
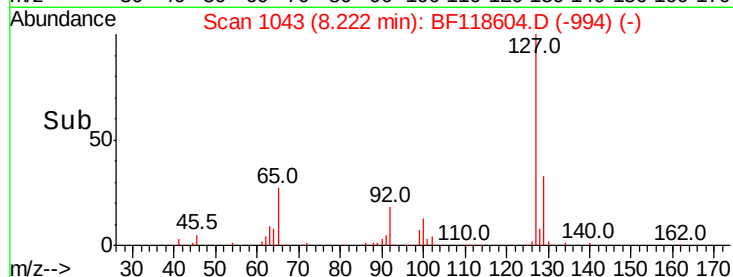
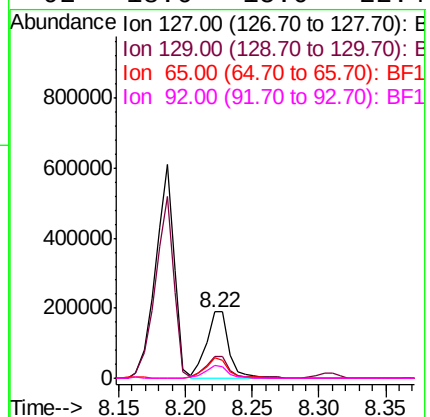
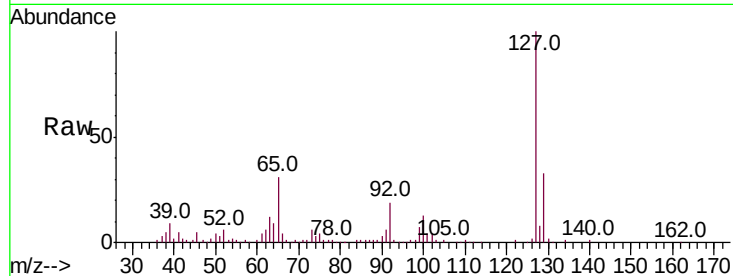




#33  
4-Chloroaniline  
Concen: 5.828 ng  
RT: 8.22 min Scan# 1043  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

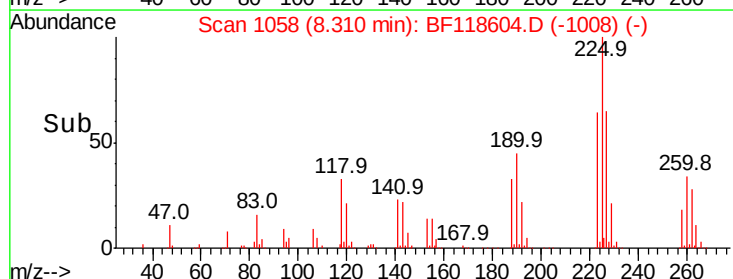
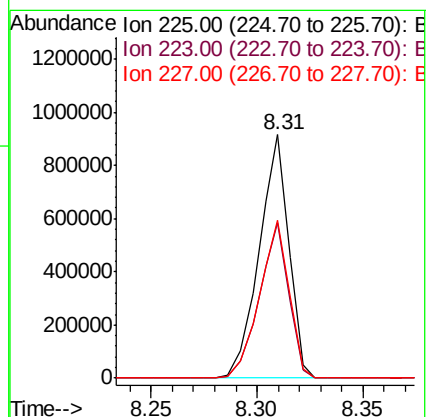
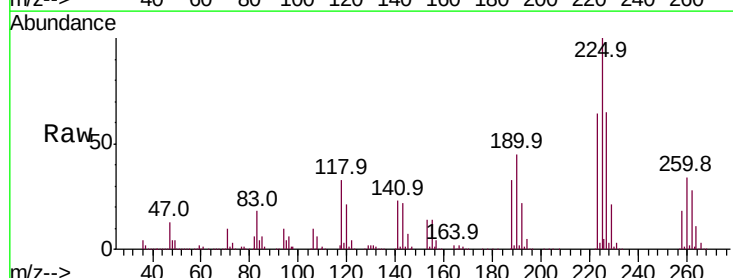
Instrument :  
BNA\_F  
ClientSampled :

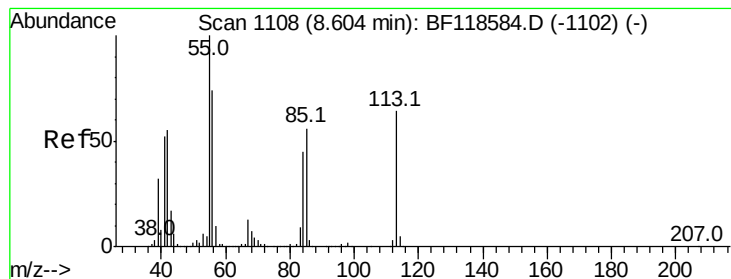
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 225384 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 27.4  | 41.0   |
| 65       | 31.3  | 23.6  | 35.4   |
| 92       | 18.6  | 15.0  | 22.4   |



#34  
Hexachlorobutadiene  
Concen: 45.683 ng  
RT: 8.31 min Scan# 1058  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 890371 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.9  | 50.2  | 75.4   |
| 227      | 64.6  | 52.1  | 78.1   |





#35

Caprolactam

Concen: 28.991 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

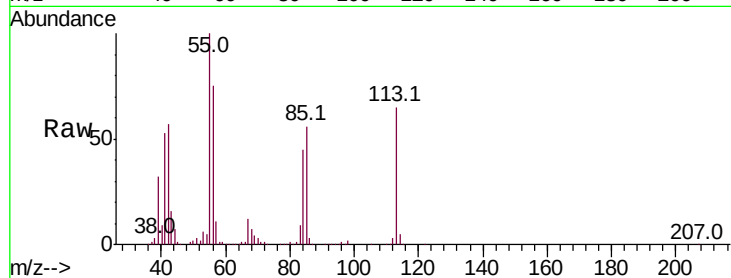
Tot Ion:113 Resp: 261881

Ion Ratio Lower Upper

113 100

55 153.2 136.1 176.1

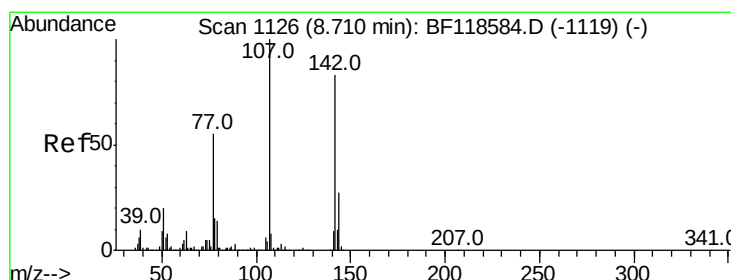
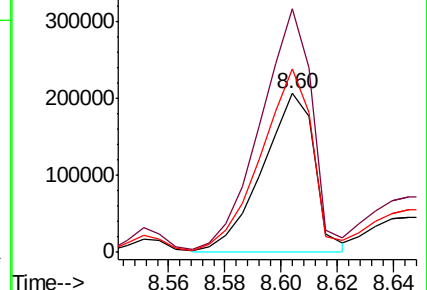
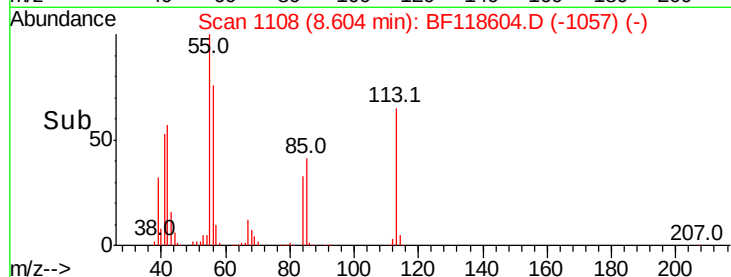
56 115.5 95.2 135.2



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: 50.082 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

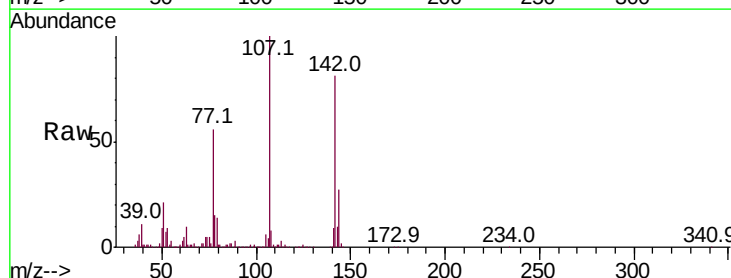
Tgt Ion:107 Resp: 1365111

Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.8

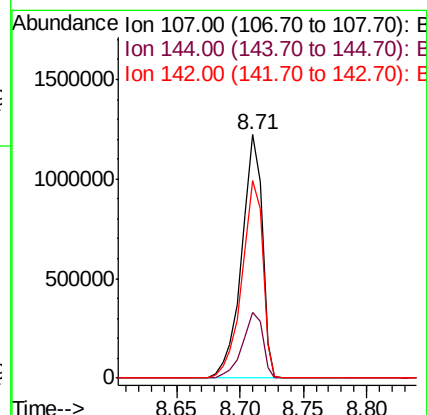
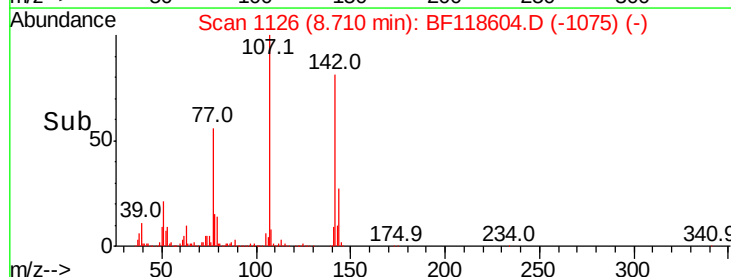
142 81.4 66.5 99.7

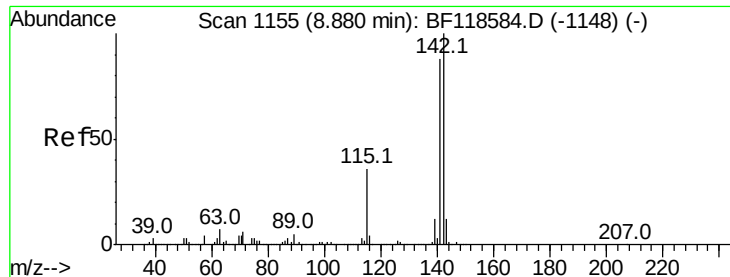


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

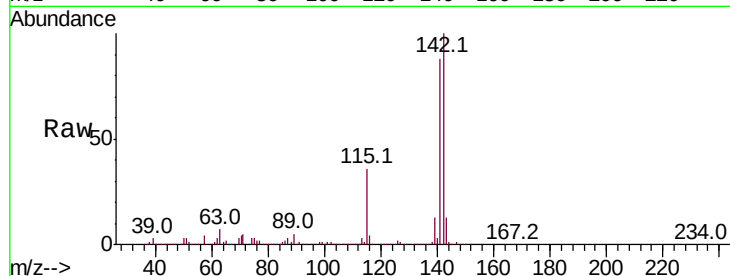




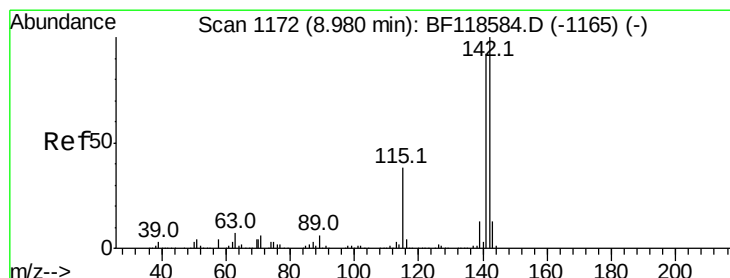
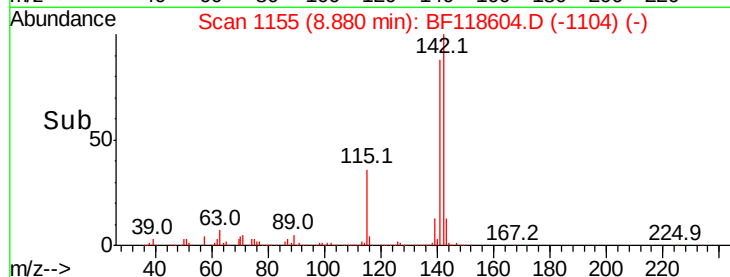
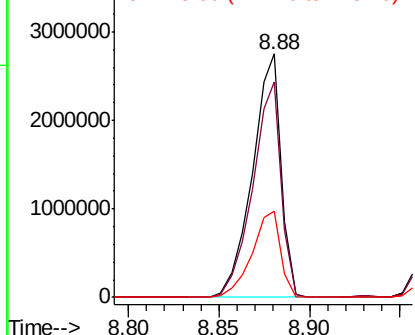
#37  
2-Methylnaphthalene  
Concen: 50.839 ng  
RT: 8.88 min Scan# 1155  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:142 Resp: 3002686  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.7 106.1  
115 35.6 28.5 42.7

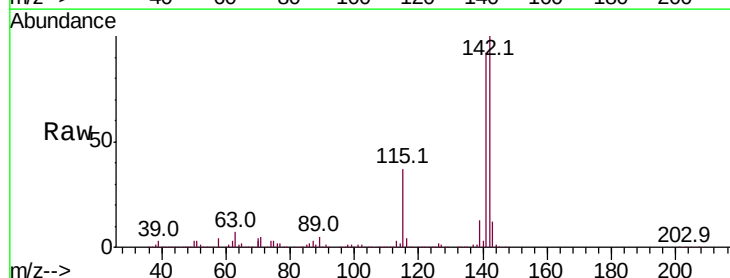


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

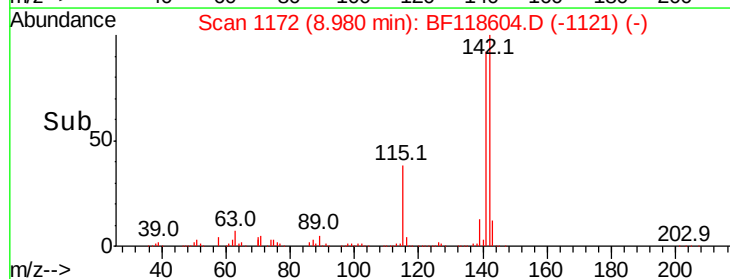
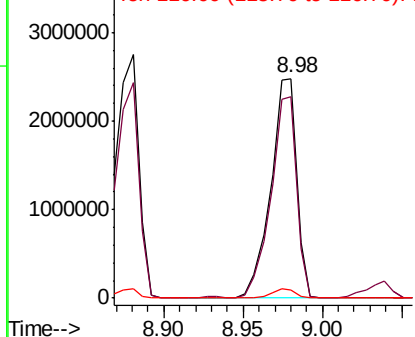


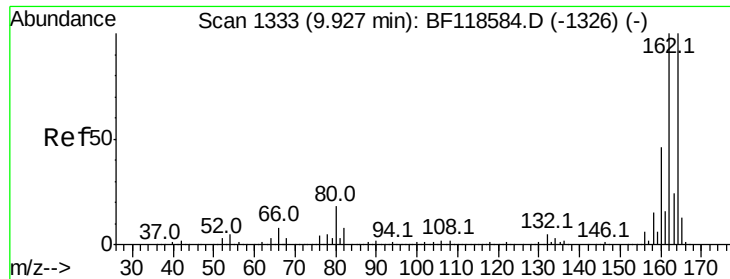
#38  
1-Methylnaphthalene  
Concen: 50.450 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:142 Resp: 2830847  
Ion Ratio Lower Upper  
142 100  
141 91.6 73.4 110.2  
116 3.9 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

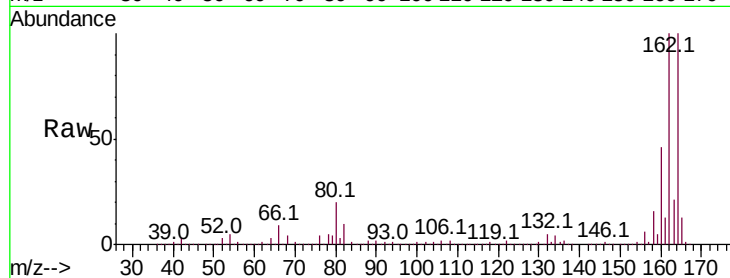
Tot Ion:164 Resp: 1034792

Ion Ratio Lower Upper

164 100

162 100.1 80.4 120.6

160 46.1 36.6 55.0

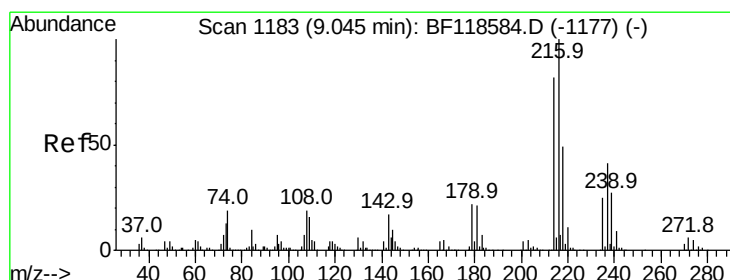
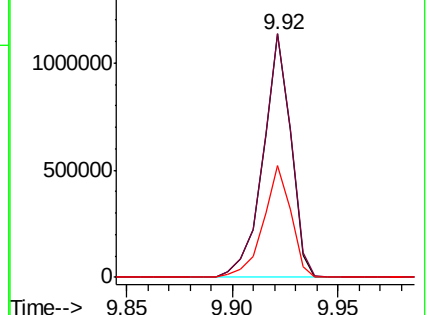
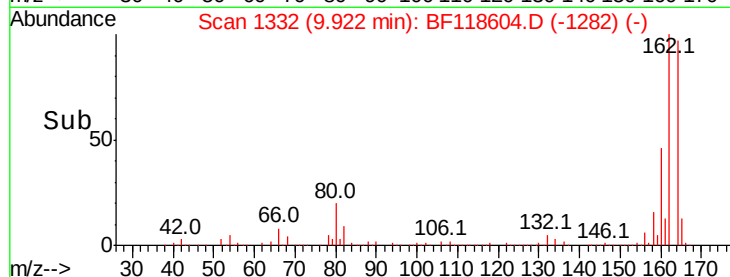


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.147 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:216 Resp: 1494134

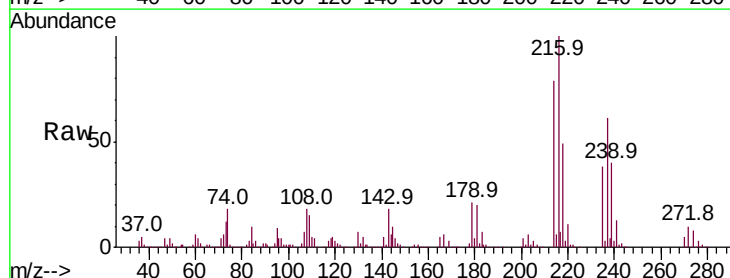
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 20.3 16.6 25.0

108 19.6 14.4 21.6



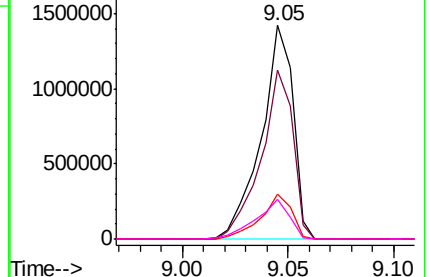
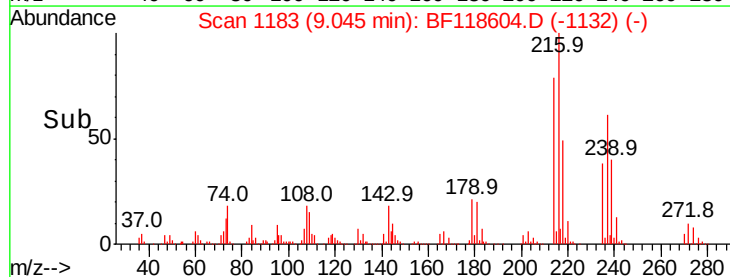
Abundance

Ion 216.00 (215.70 to 216.70): E

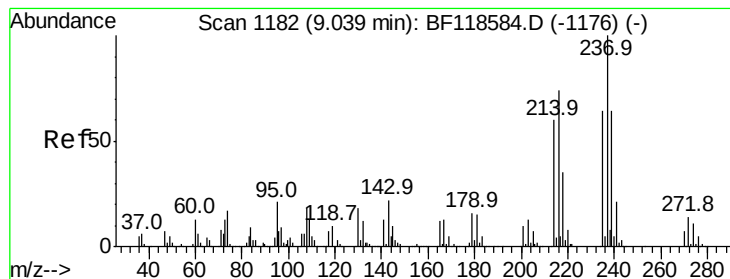
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 109.191 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

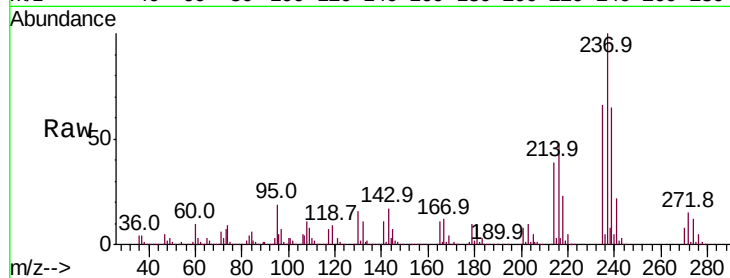
Tot Ion:237 Resp: 1783716

Ion Ratio Lower Upper

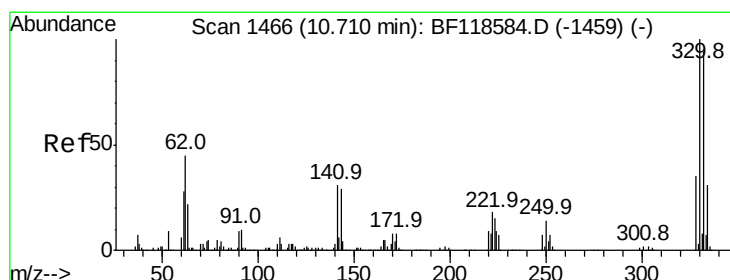
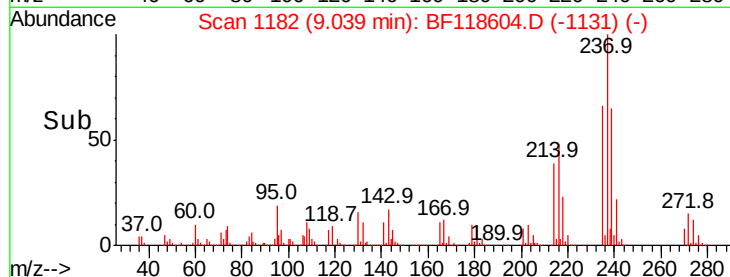
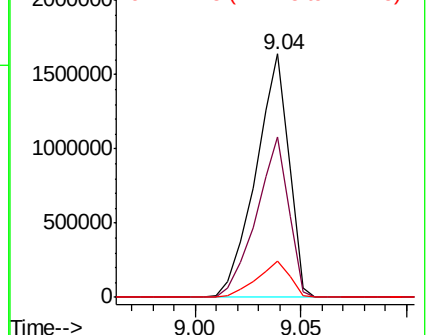
237 100

235 65.9 44.0 84.0

272 15.0 0.0 34.0



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: 89.004 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

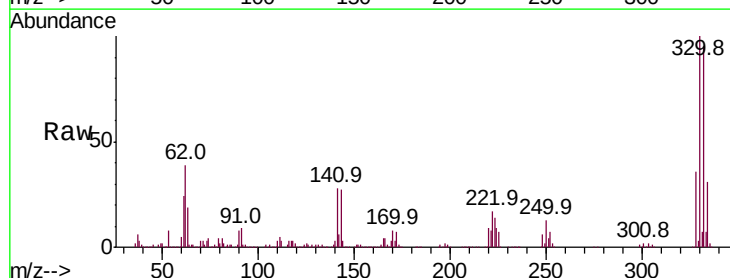
Tgt Ion:330 Resp: 1065263

Ion Ratio Lower Upper

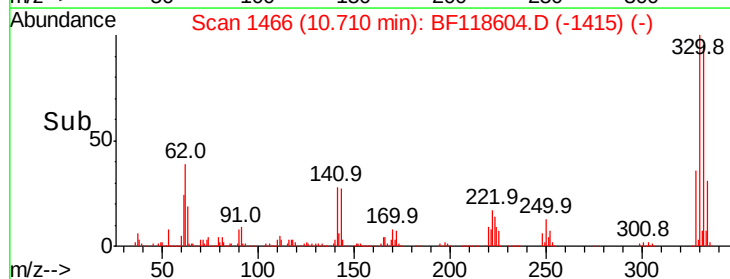
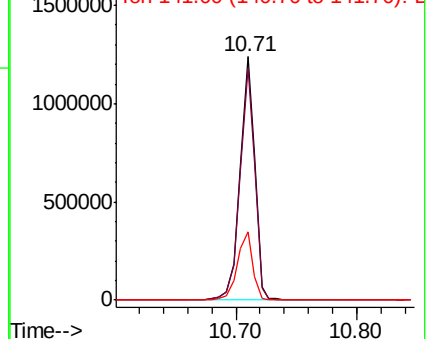
330 100

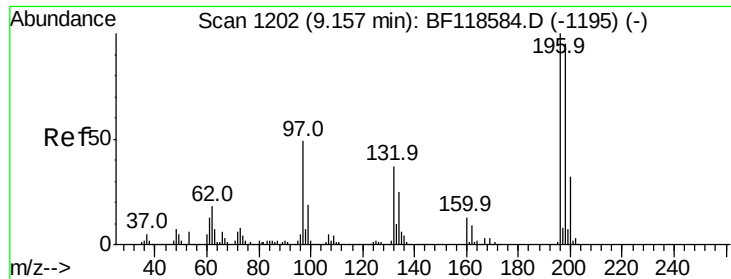
332 95.7 76.2 114.4

141 29.2 23.9 35.9



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



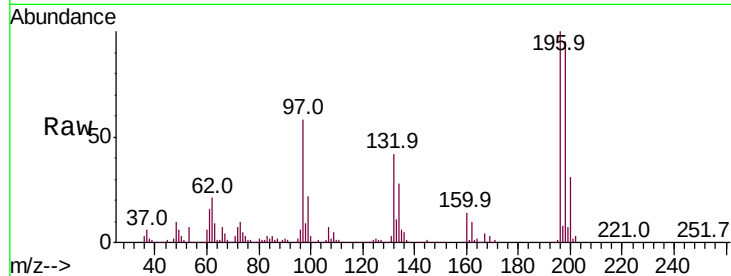


#43  
 2,4,6-Trichlorophenol  
 Concen: 49.534 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

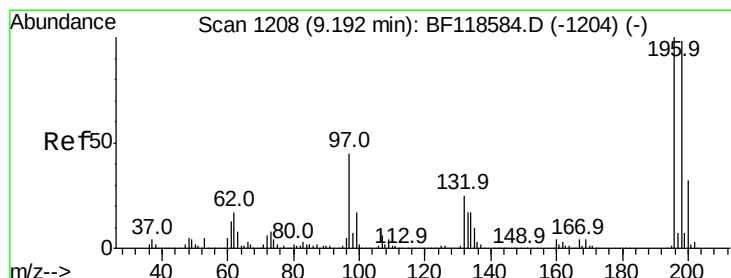
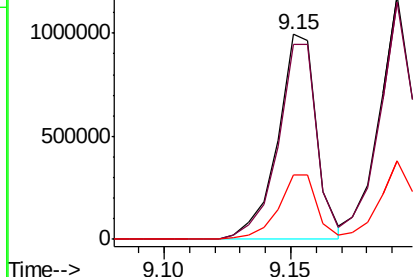
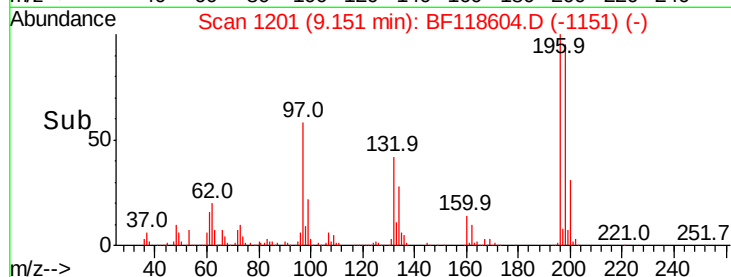
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 1064270  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 95.1  | 76.3  | 114.5 |
| 200 | 31.2  | 25.4  | 38.2  |



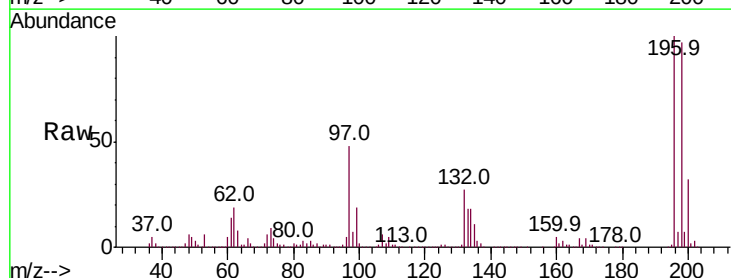
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E



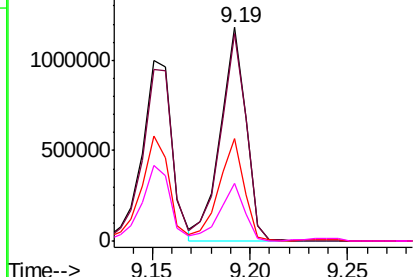
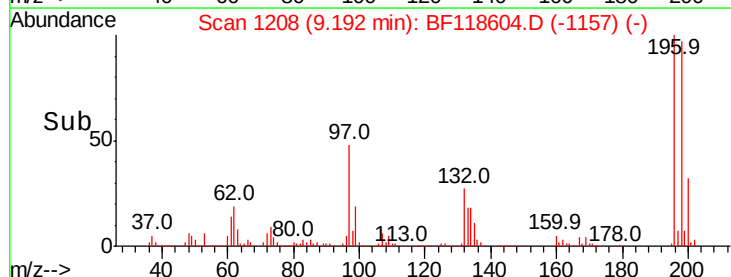
#44  
 2,4,5-Trichlorophenol  
 Concen: 48.899 ng  
 RT: 9.19 min Scan# 1208  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

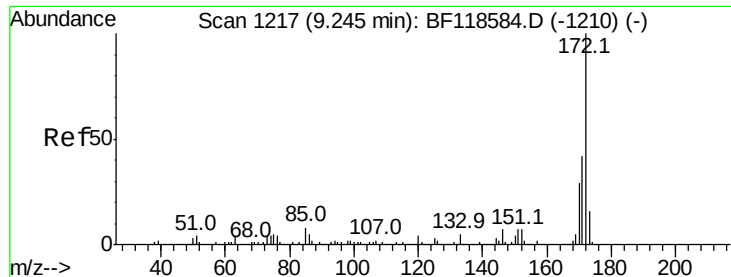
Tgt Ion:196 Resp: 1072985  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 97.3  | 78.3  | 117.5 |
| 97  | 48.1  | 35.9  | 53.9  |
| 132 | 26.8  | 20.3  | 30.5  |



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



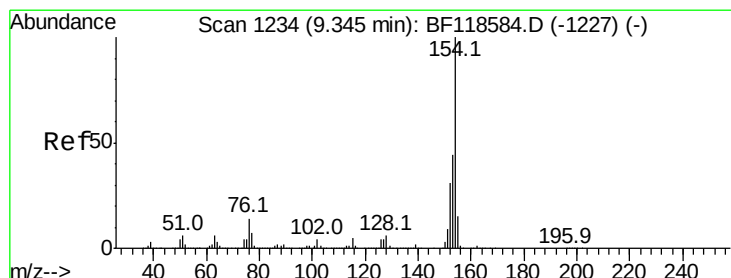
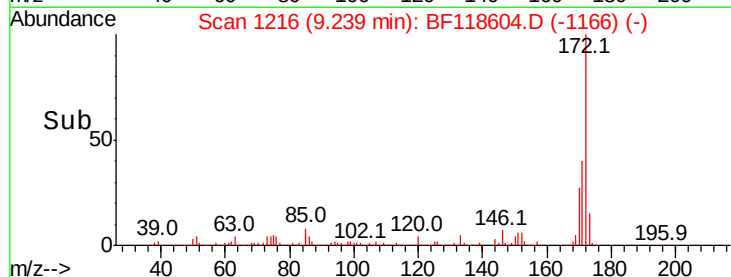
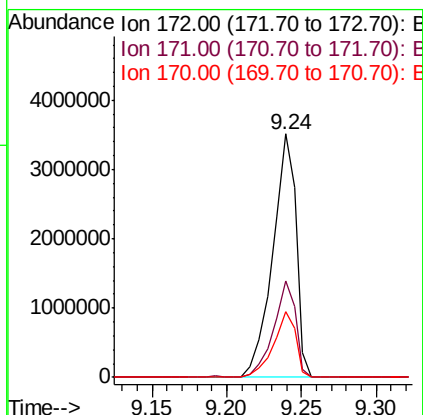
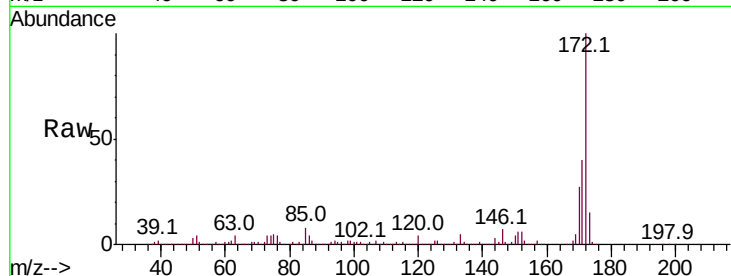


#45  
 2-Fluorobiphenyl  
 Concen: 60.693 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:172 Resp: 3821142  

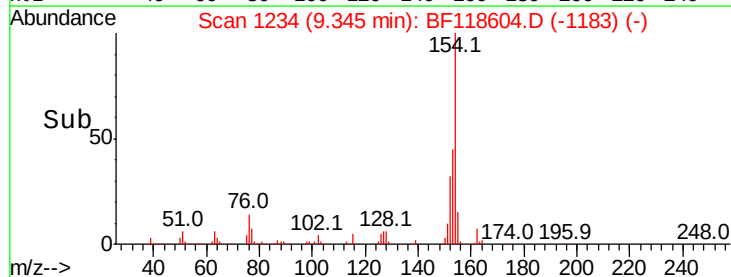
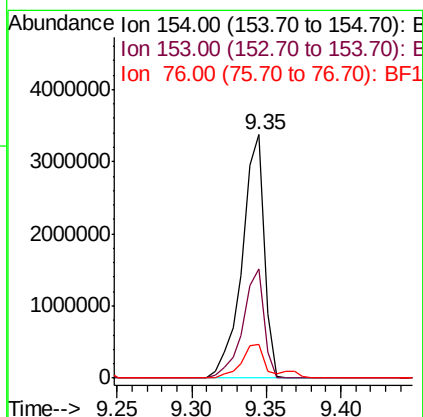
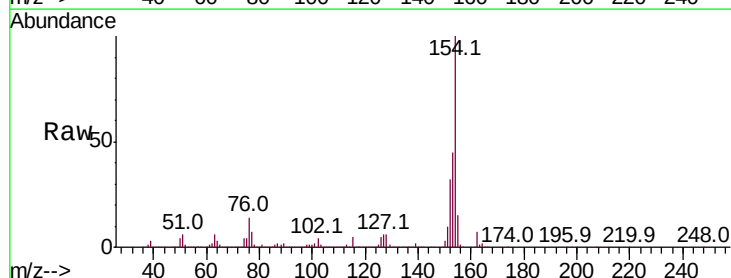
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 39.7  | 33.4  | 50.2  |
| 170 | 27.0  | 23.2  | 34.8  |

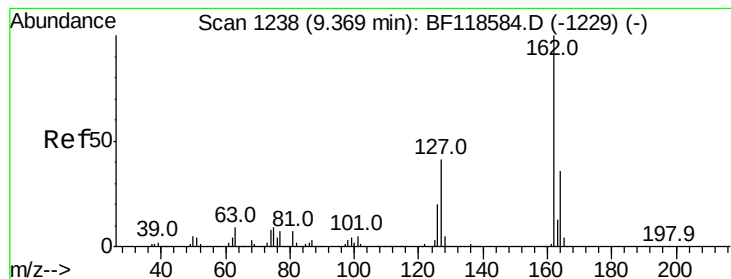


#46  
 1,1'-Biphenyl  
 Concen: 48.712 ng  
 RT: 9.35 min Scan# 1234  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Tgt Ion:154 Resp: 3473994  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 44.7  | 23.8  | 63.8  |
| 76  | 13.7  | 0.0   | 34.3  |





#47

2-Chloronaphthalene

Concen: 47.461 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

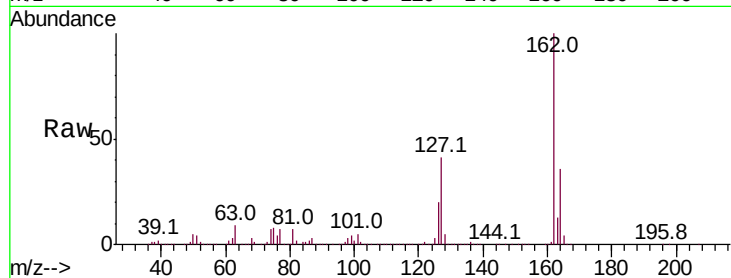
Tot Ion:162 Resp: 2852955

Ion Ratio Lower Upper

162 100

127 41.0 33.0 49.6

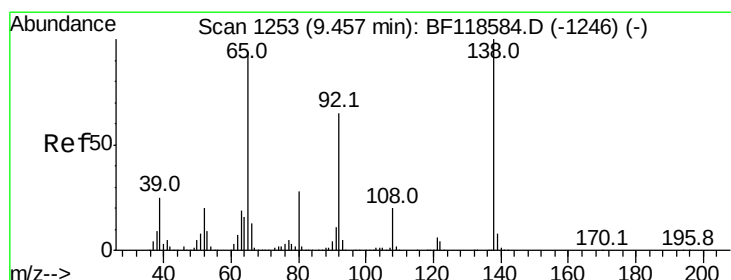
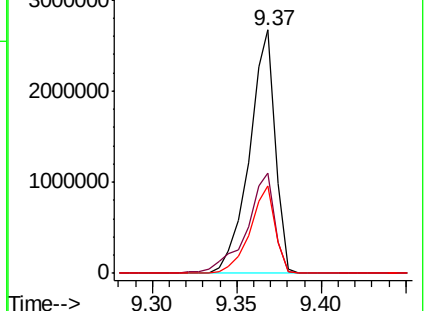
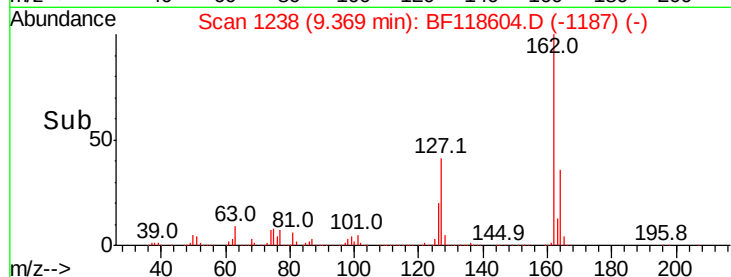
164 36.0 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.365 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

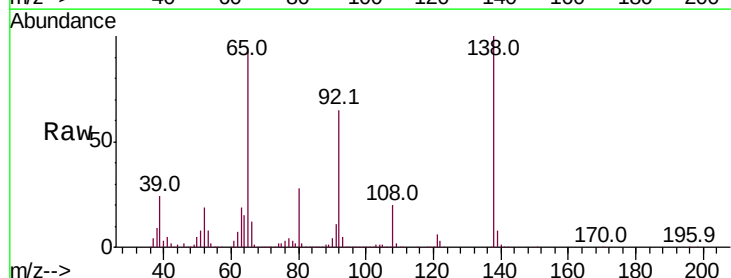
Tgt Ion: 65 Resp: 838276

Ion Ratio Lower Upper

65 100

92 70.0 55.4 83.0

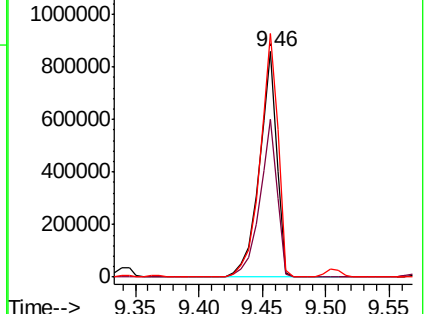
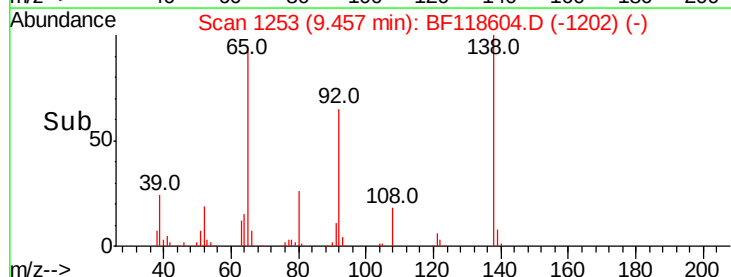
138 108.0 85.0 127.6

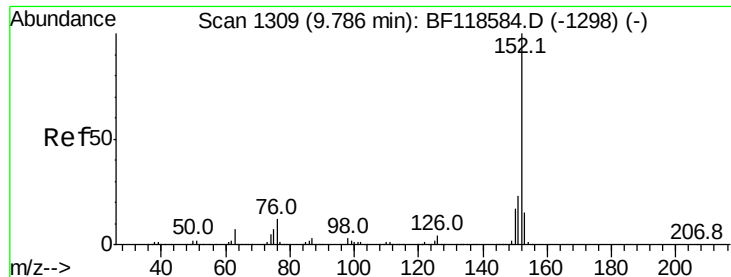


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.600 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

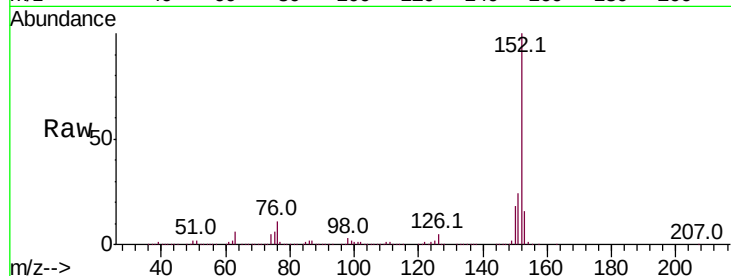
Tot Ion:152 Resp: 4194469

Ion Ratio Lower Upper

152 100

151 23.7 18.6 27.8

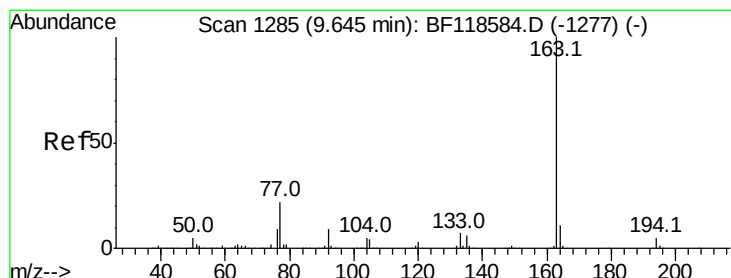
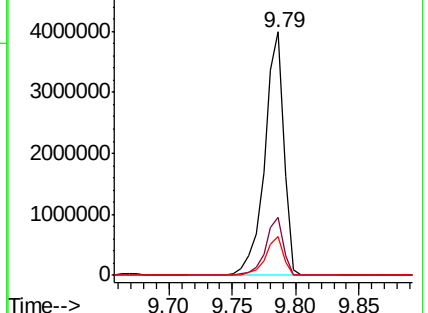
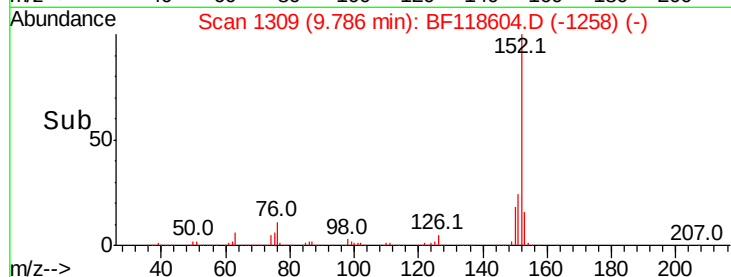
153 15.8 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.763 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

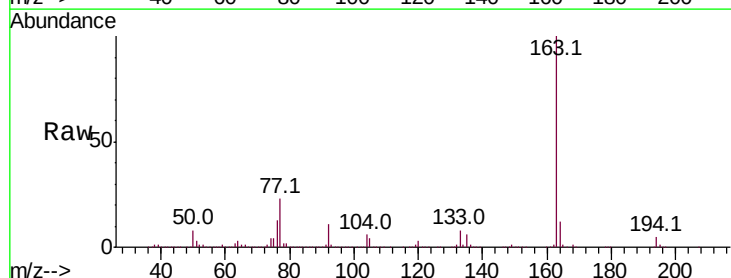
Tgt Ion:163 Resp: 3422356

Ion Ratio Lower Upper

163 100

194 5.2 3.9 5.9

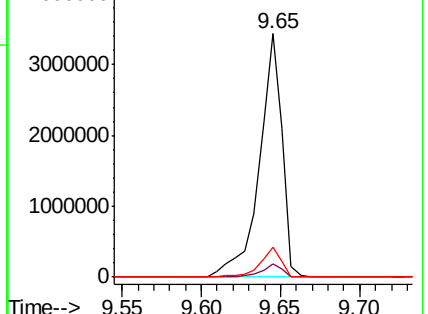
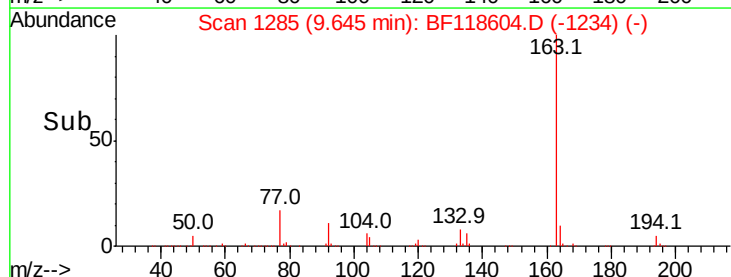
164 12.0 9.1 13.7

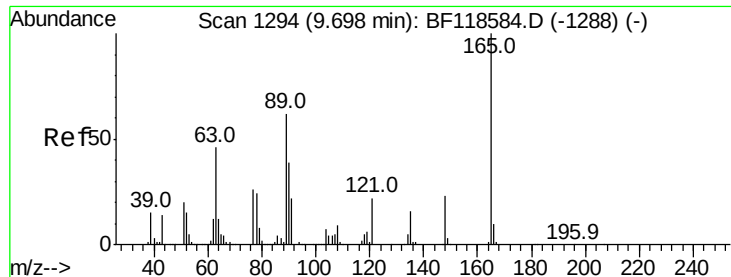


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

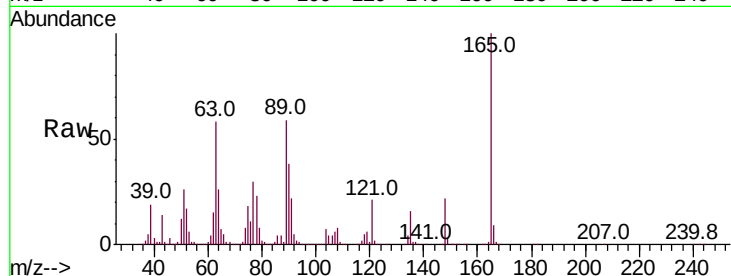




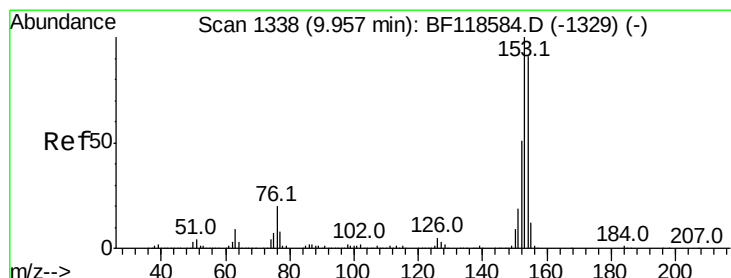
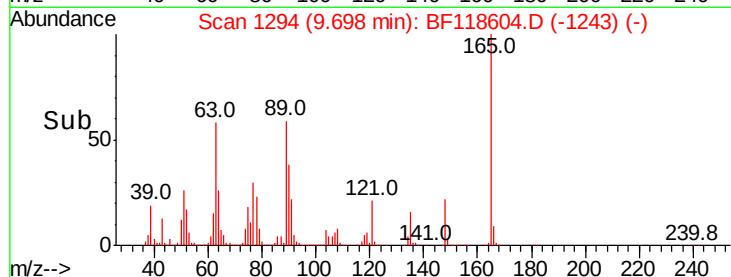
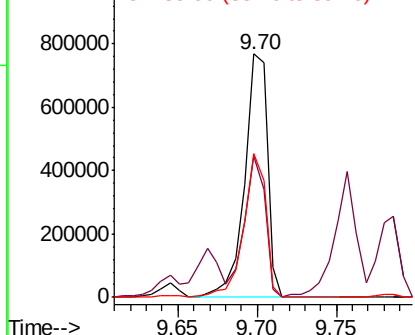
#51  
 2,6-Dinitrotoluene  
 Concen: 50.723 ng  
 RT: 9.70 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:165 Resp: 765753  
 Ion Ratio Lower Upper  
 165 100  
 63 58.1 48.9 73.3  
 89 58.9 49.8 74.6

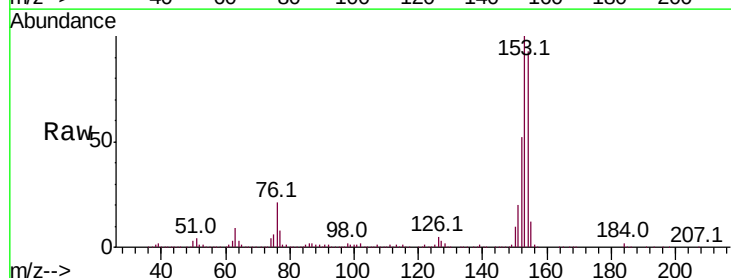


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1

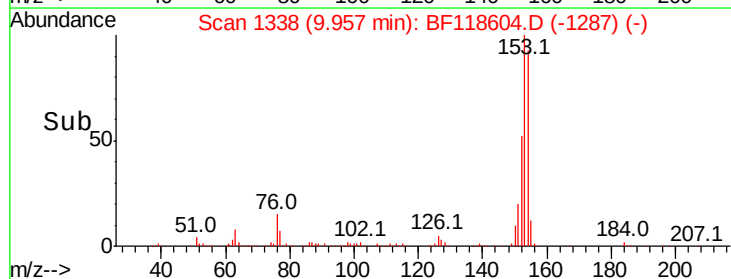
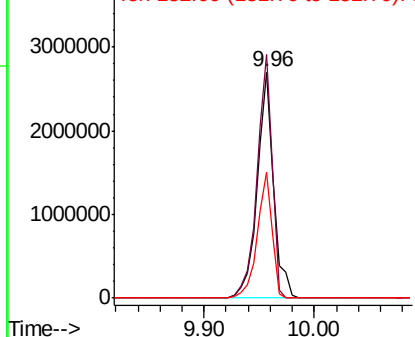


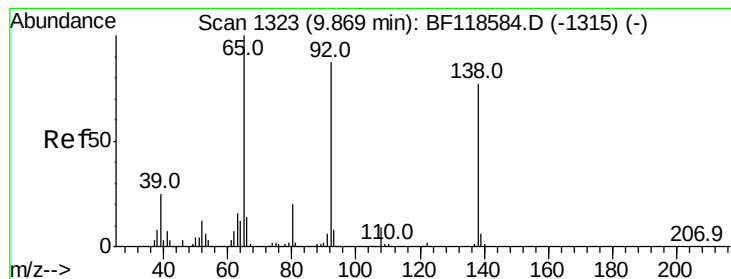
#52  
 Acenaphthene  
 Concen: 49.855 ng  
 RT: 9.96 min Scan# 1338  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Tgt Ion:154 Resp: 2819121  
 Ion Ratio Lower Upper  
 154 100  
 153 107.7 87.6 131.4  
 152 55.9 44.4 66.6



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 11.861 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

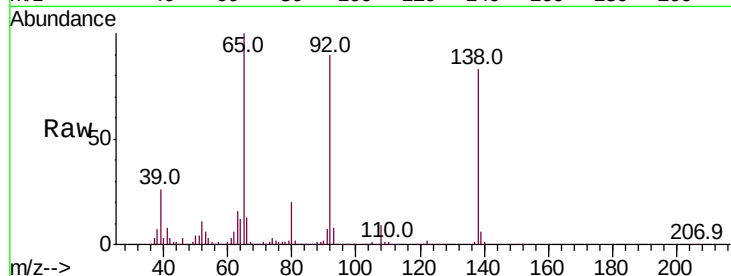
Tot Ion:138 Resp: 204468

Ion Ratio Lower Upper

138 100

108 10.6 9.6 14.4

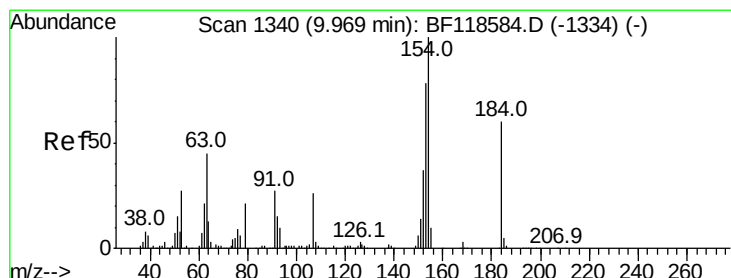
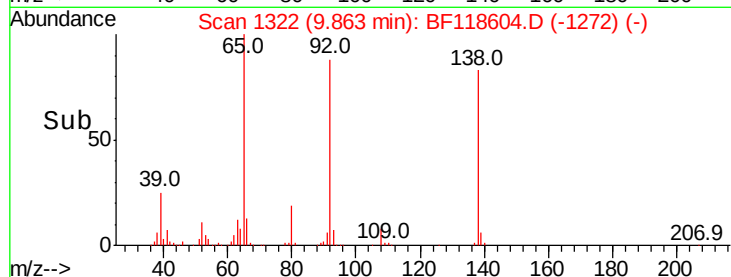
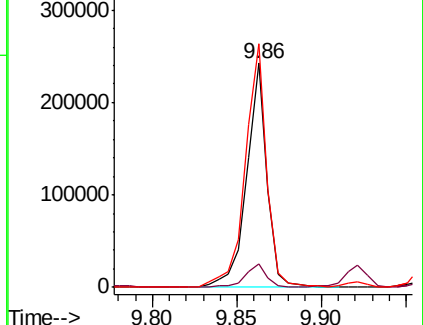
92 108.8 90.6 136.0



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: 83.505 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

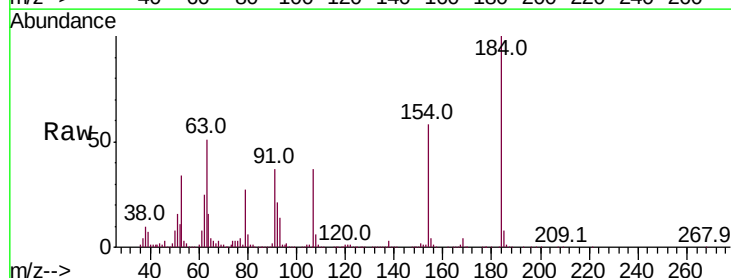
Tgt Ion:184 Resp: 503289

Ion Ratio Lower Upper

184 100

63 51.3 60.6 90.8#

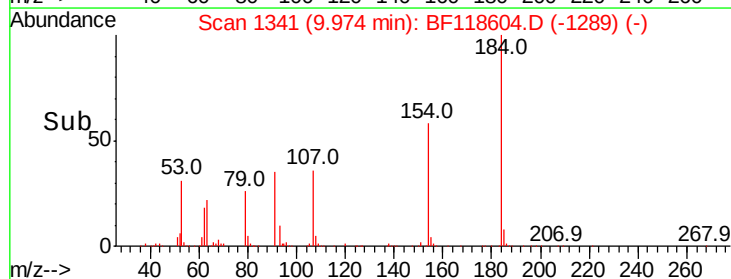
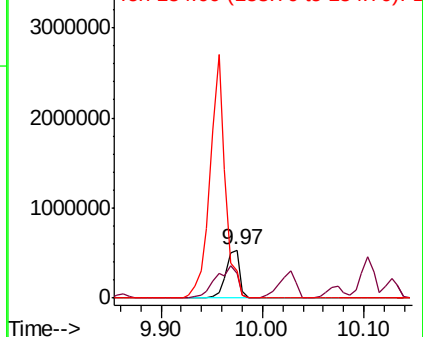
154 58.1 137.3 205.9#

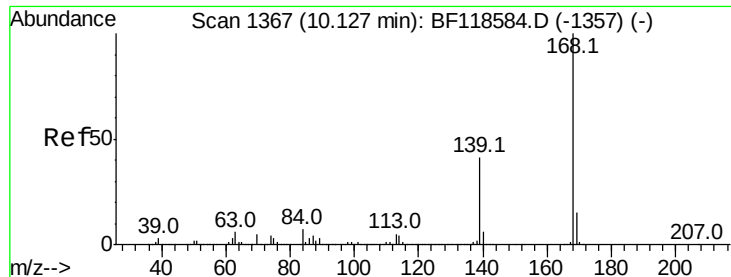


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

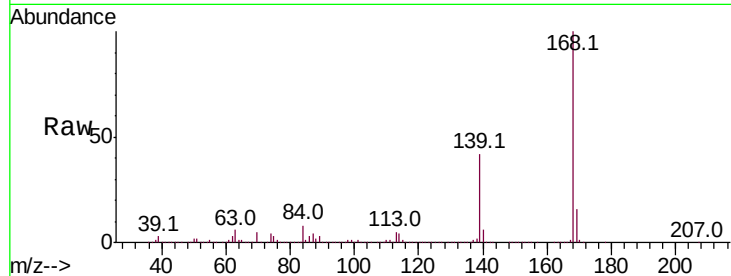




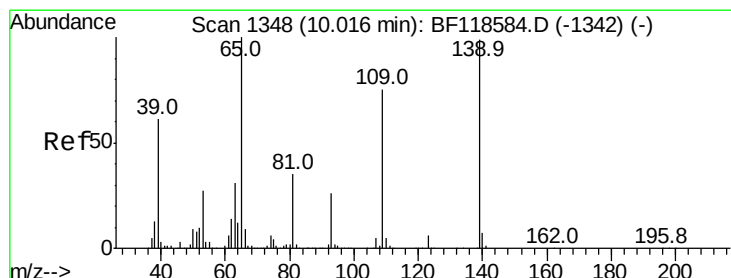
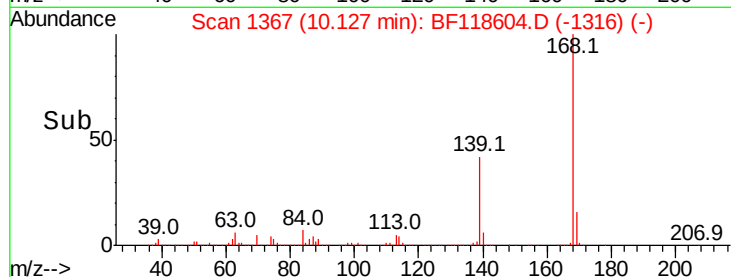
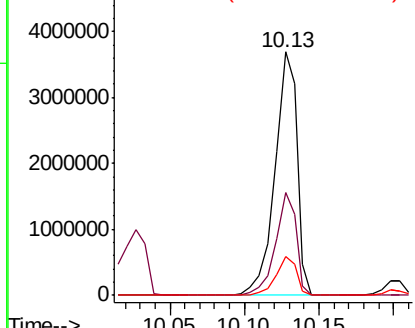
#55  
Dibenzenofuran  
Concen: 48.610 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:168 Resp: 3809270  
Ion Ratio Lower Upper  
168 100  
139 42.2 32.7 49.1  
169 16.1 12.2 18.2

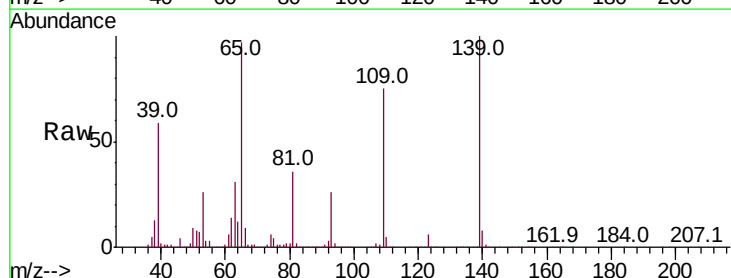


Abundance Ion 168.00 (167.70 to 168.70): E  
5000000  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

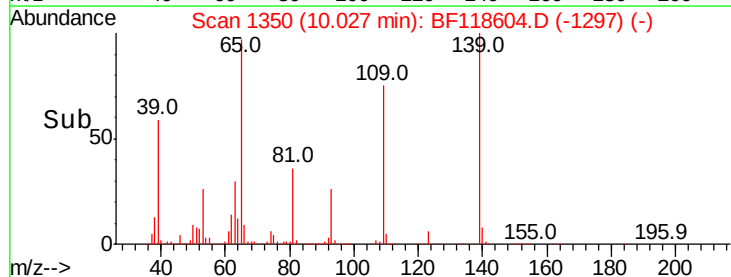
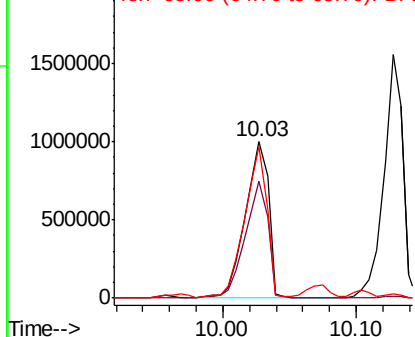


#56  
4-Nitrophenol  
Concen: 91.298 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

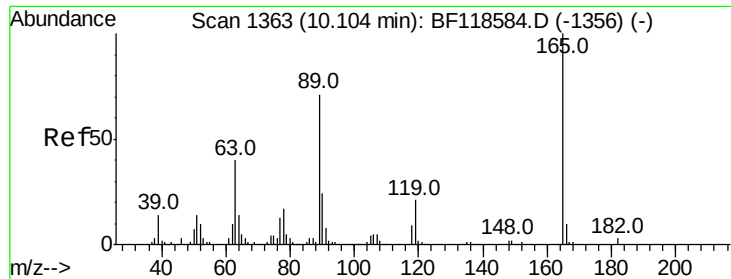
Tgt Ion:139 Resp: 1188106  
Ion Ratio Lower Upper  
139 100  
109 74.7 56.0 96.0  
65 97.2 81.4 121.4



Abundance Ion 139.00 (138.70 to 139.70): E  
2000000  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1



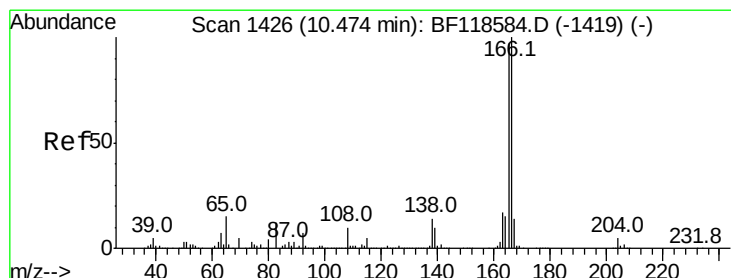
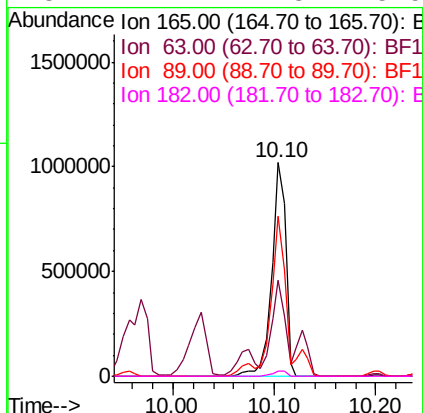
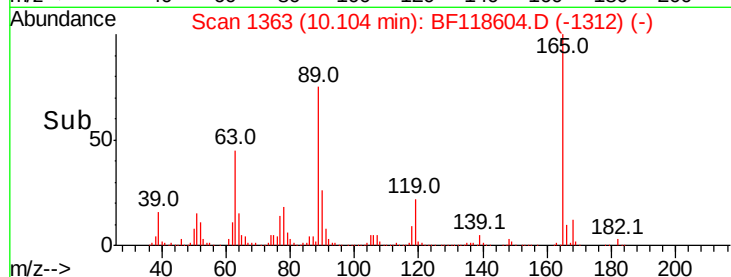
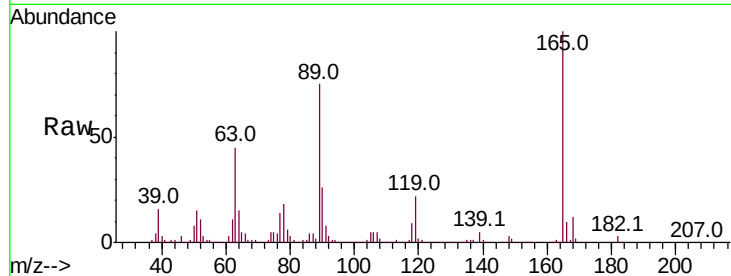




#57  
 2,4-Dinitrotoluene  
 Concen: 51.501 ng  
 RT: 10.10 min Scan# 1363  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

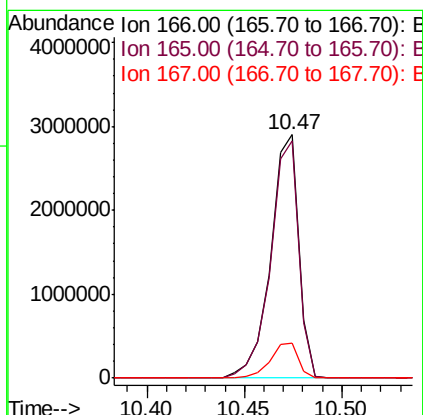
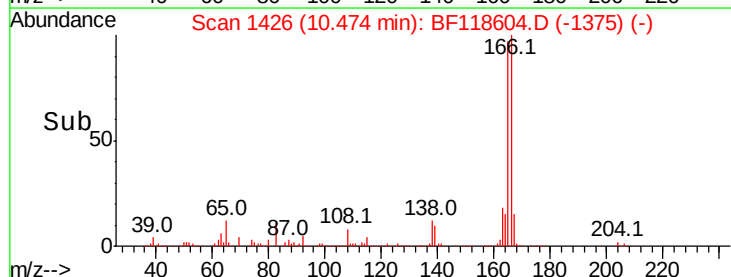
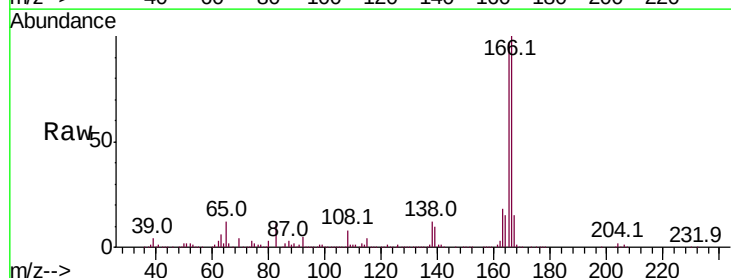
Instrument :  
 BNA\_F  
 ClientSampleId :

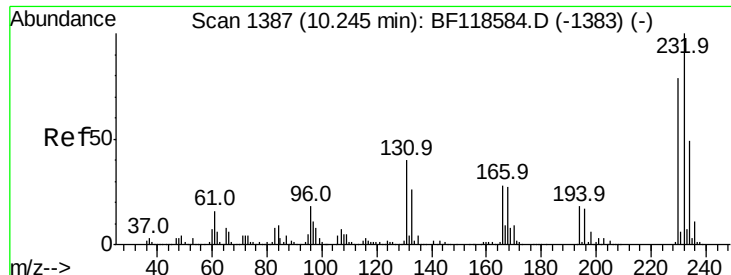
Tot Ion:165 Resp: 980144  
 Ion Ratio Lower Upper  
 165 100  
 63 45.2 32.4 48.6  
 89 75.0 56.4 84.6  
 182 2.7 2.3 3.5



#58  
 Fluorene  
 Concen: 47.025 ng  
 RT: 10.47 min Scan# 1426  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Tgt Ion:166 Resp: 2892935  
 Ion Ratio Lower Upper  
 166 100  
 165 97.3 77.3 115.9  
 167 14.6 11.5 17.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.726 ng

RT: 10.24 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:232 Resp: 921131

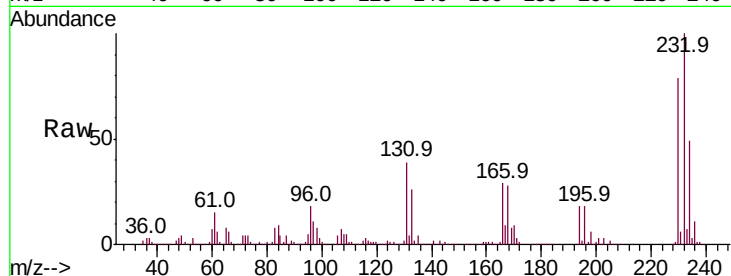
Ion Ratio Lower Upper

232 100

131 41.7 33.2 49.8

130 2.2 1.8 2.6

166 28.5 22.6 33.8

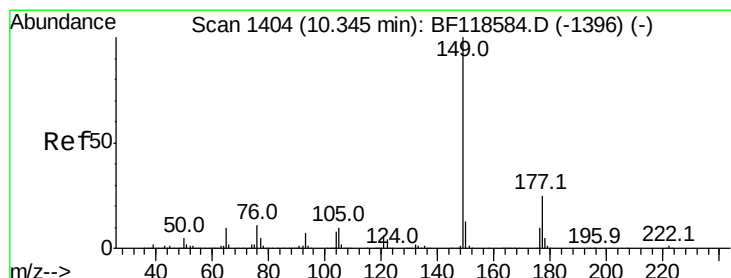
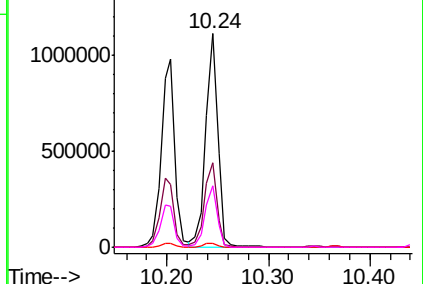
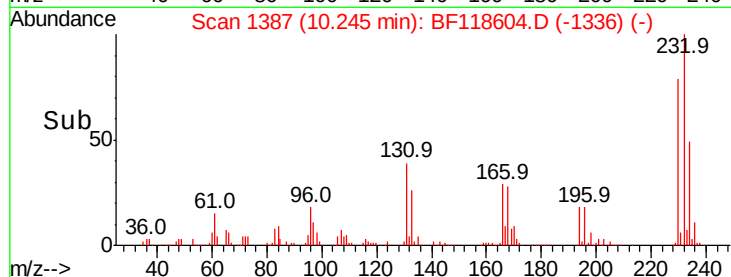


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 47.426 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

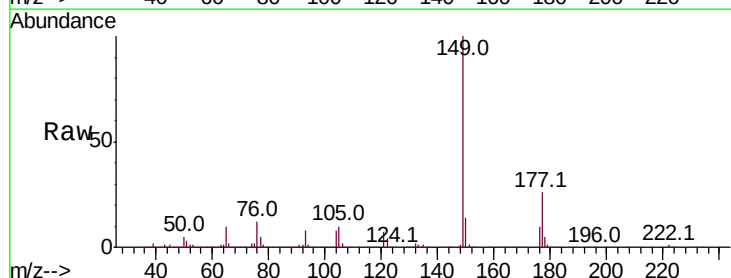
Tgt Ion:149 Resp: 3100090

Ion Ratio Lower Upper

149 100

177 25.7 20.0 30.0

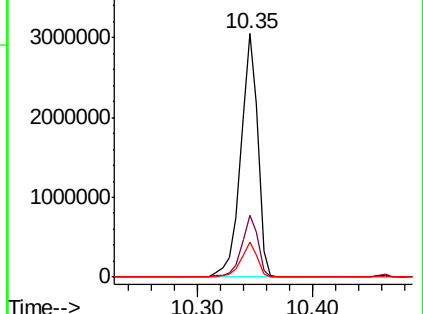
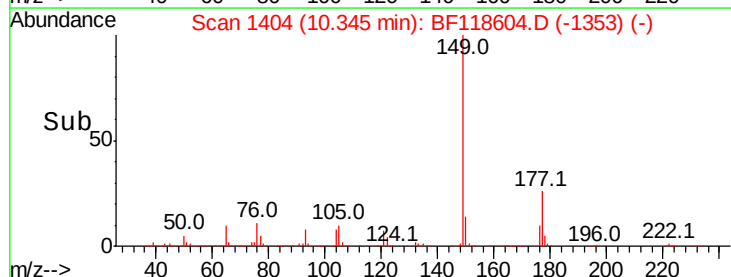
150 14.4 10.6 16.0

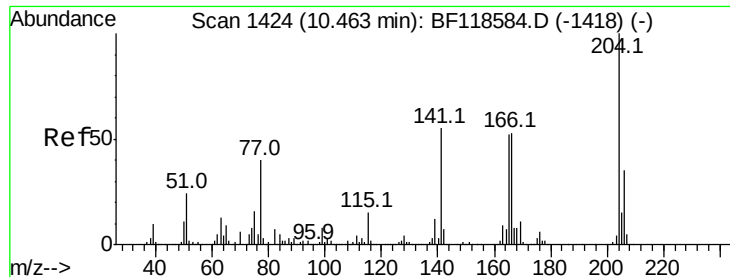


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

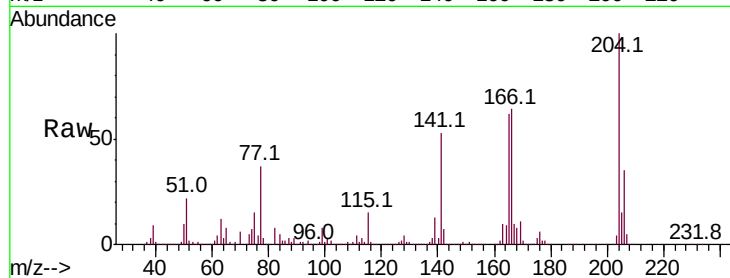




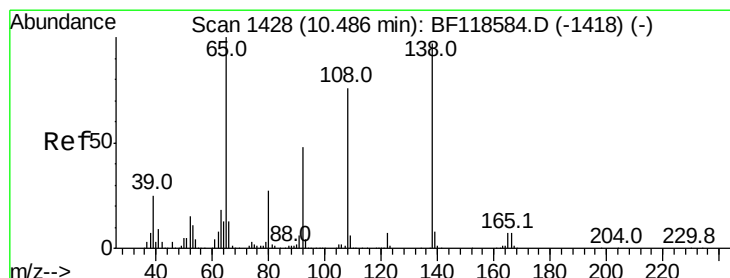
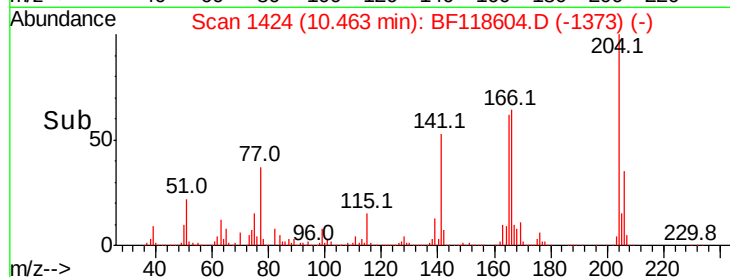
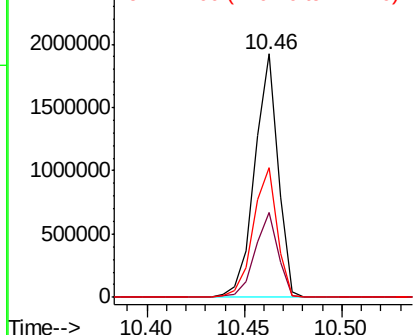
#61  
4-Chlorophenyl-phenylether  
Concen: 47.745 ng  
RT: 10.46 min Scan# 1424  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:204 Resp: 1597475  
Ion Ratio Lower Upper  
204 100  
206 35.0 27.8 41.6  
141 53.1 43.7 65.5

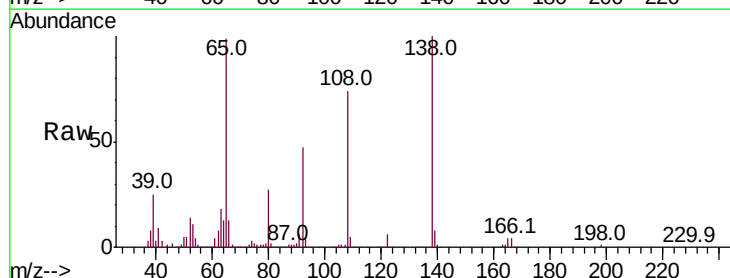


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

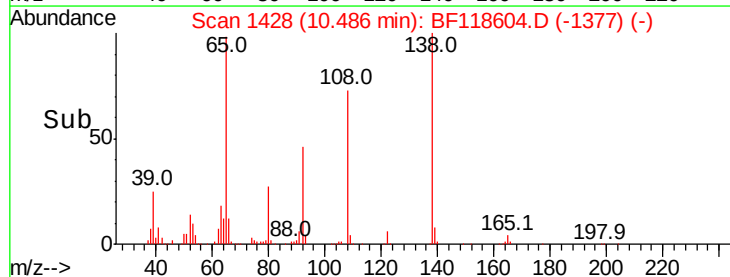
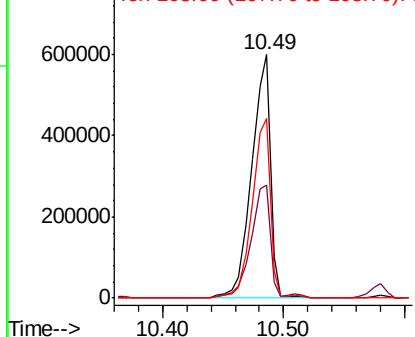


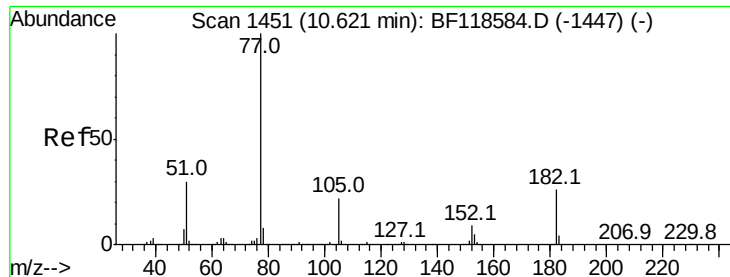
#62  
4-Nitroaniline  
Concen: 37.076 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:138 Resp: 655590  
Ion Ratio Lower Upper  
138 100  
92 46.6 29.4 69.4  
108 73.5 58.2 98.2



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

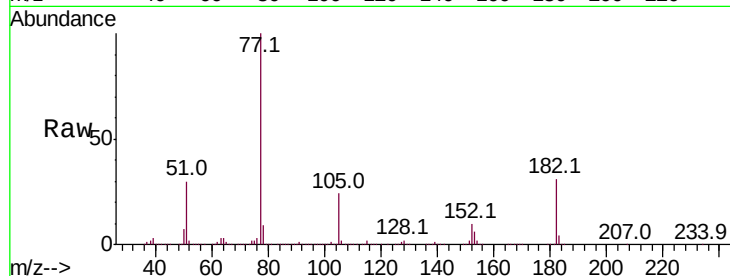




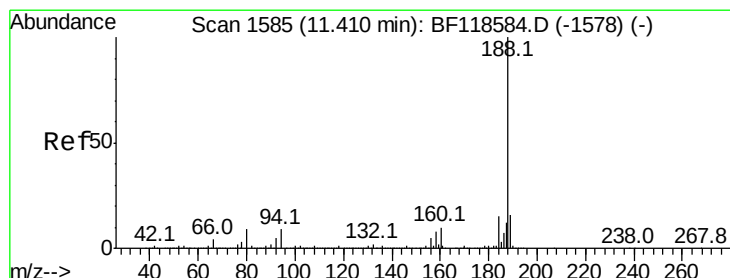
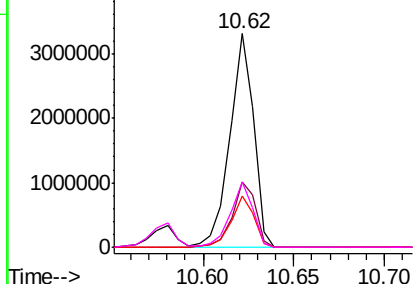
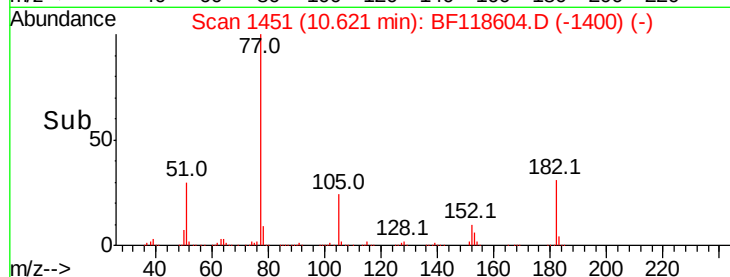
#63  
Azobenzene  
Concen: 47.730 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion: 77 Resp: 3021547  
Ion Ratio Lower Upper  
77 100  
182 30.5 5.6 45.6  
105 23.9 2.0 42.0  
51 30.5 10.2 50.2

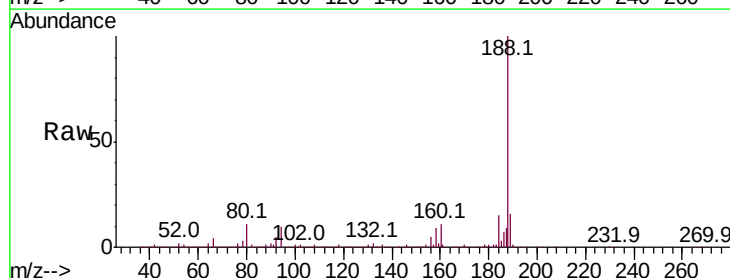


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

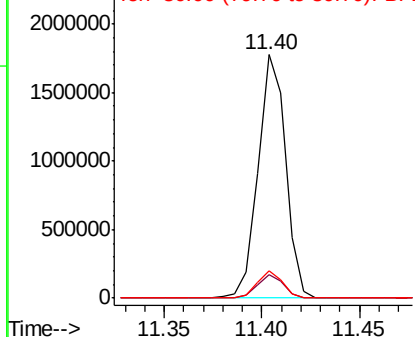
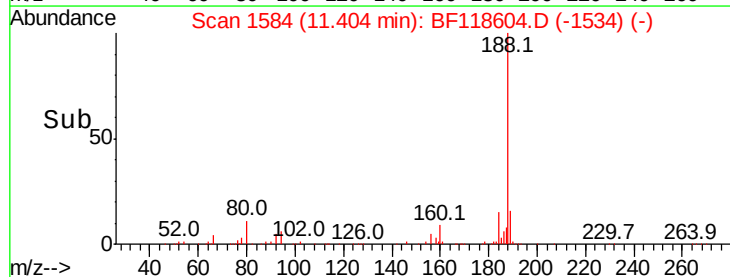


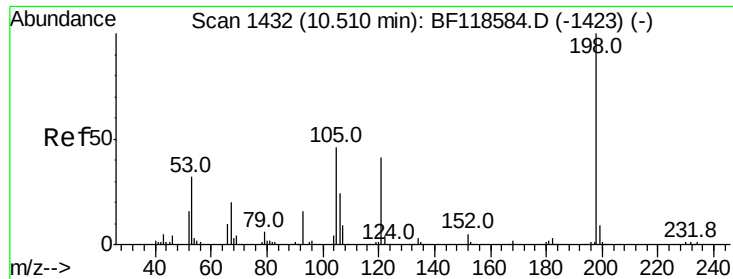
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.40 min Scan# 1584  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion: 188 Resp: 1734486  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.1 10.7  
80 11.1 7.5 11.3



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

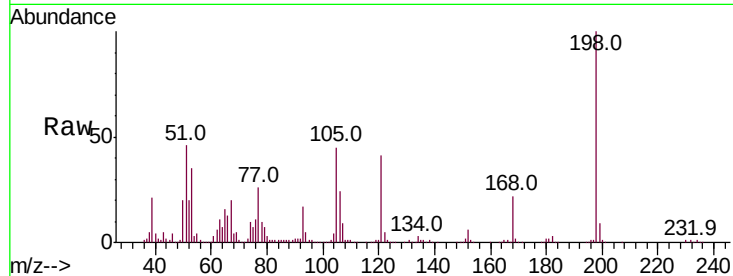




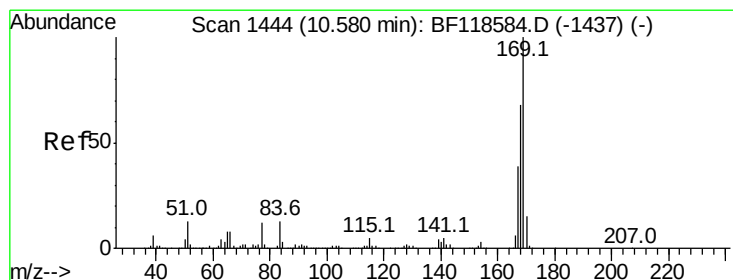
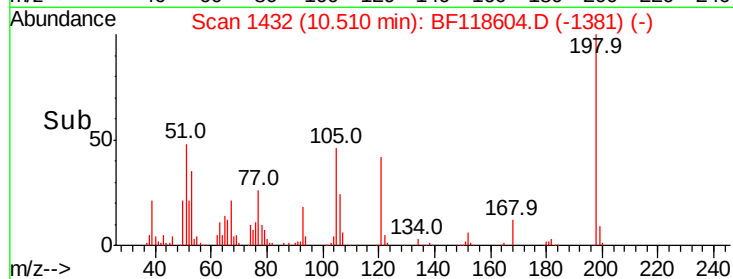
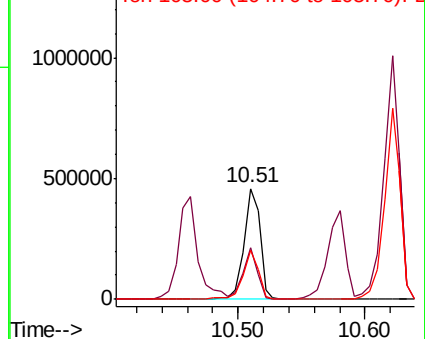
#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.152 ng  
RT: 10.51 min Scan# 1432  
Delta R.T. -0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:198 Resp: 397759  
Ion Ratio Lower Upper  
198 100  
51 46.5 25.2 65.2  
105 44.6 26.3 66.3

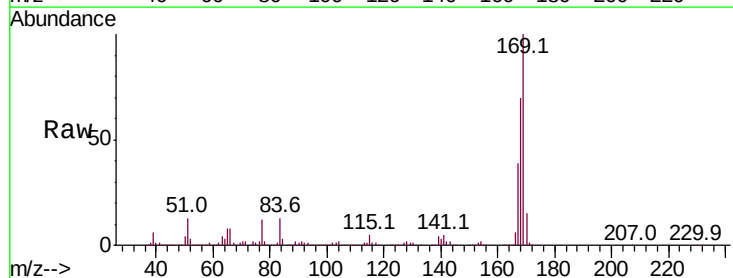


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

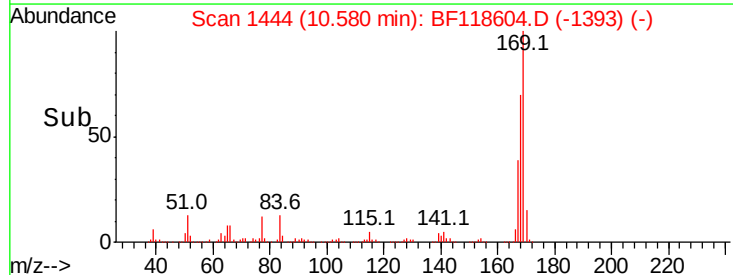
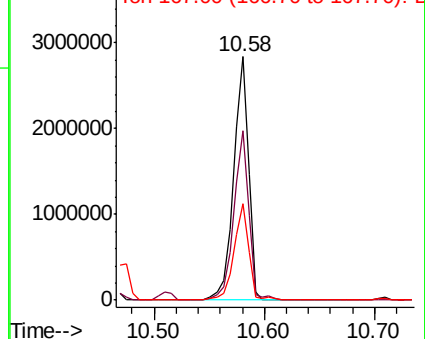


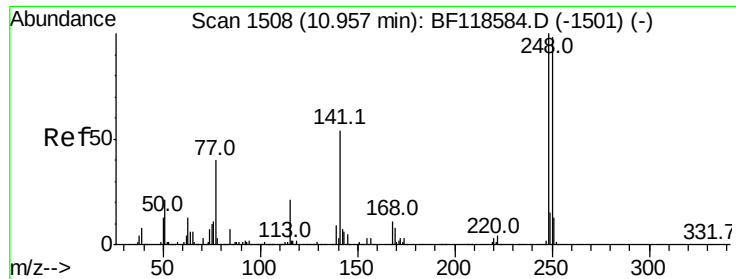
#66  
n-Nitrosodiphenylamine  
Concen: 51.471 ng  
RT: 10.58 min Scan# 1444  
Delta R.T. -0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:169 Resp: 2692320  
Ion Ratio Lower Upper  
169 100  
168 69.6 54.6 82.0  
167 39.5 30.9 46.3



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

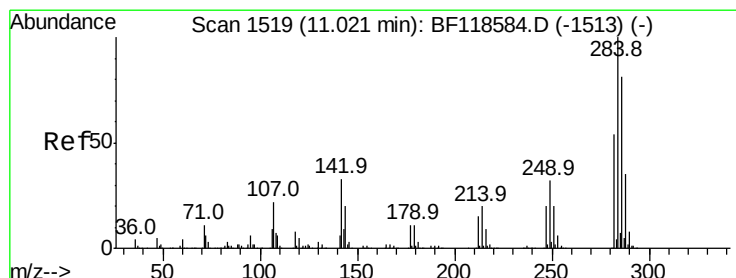
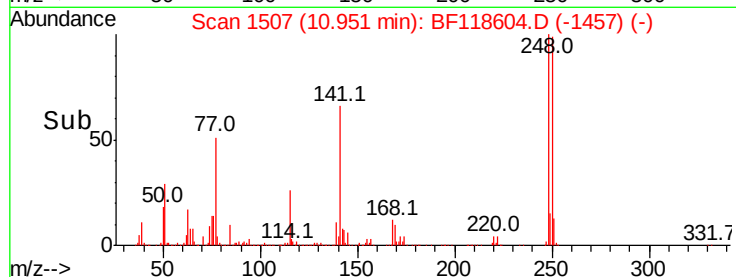
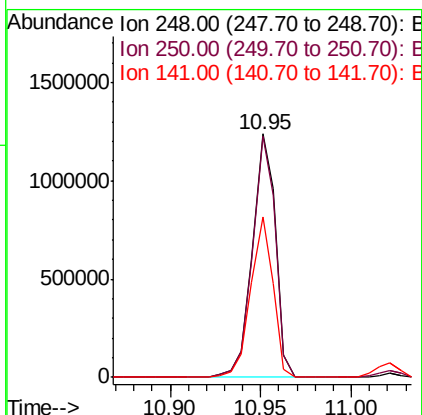
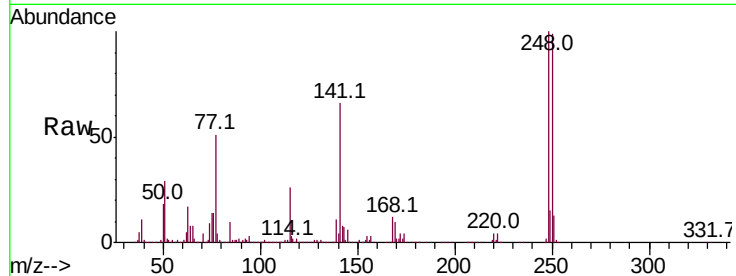




#67  
4-Bromophenyl-phenylether  
Concen: 51.229 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

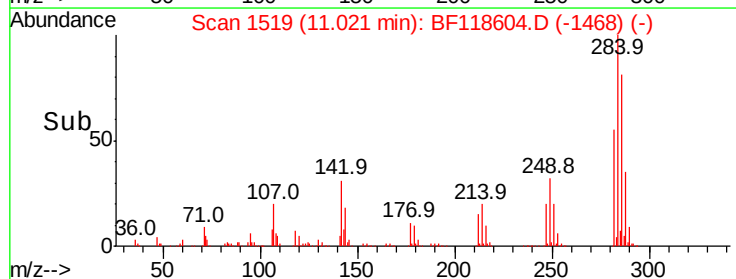
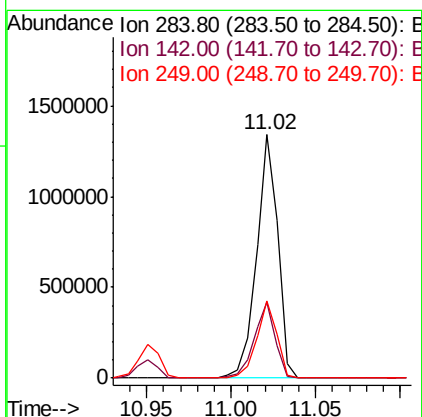
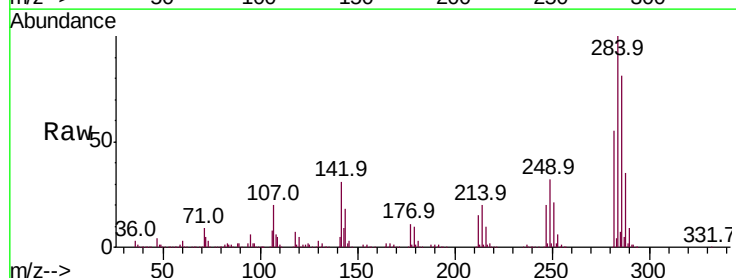
Instrument :  
BNA\_F  
ClientSampleId :

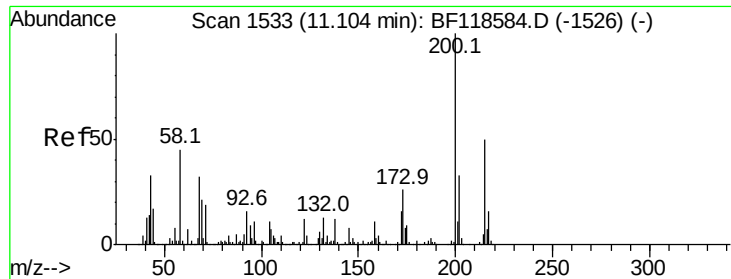
Tot Ion:248 Resp: 1097771  
Ion Ratio Lower Upper  
248 100  
250 99.2 78.7 118.1  
141 65.7 43.2 64.8#



#68  
Hexachlorobenzene  
Concen: 48.238 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. -0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:284 Resp: 1171941  
Ion Ratio Lower Upper  
284 100  
142 31.4 26.6 39.8  
249 31.7 25.2 37.8

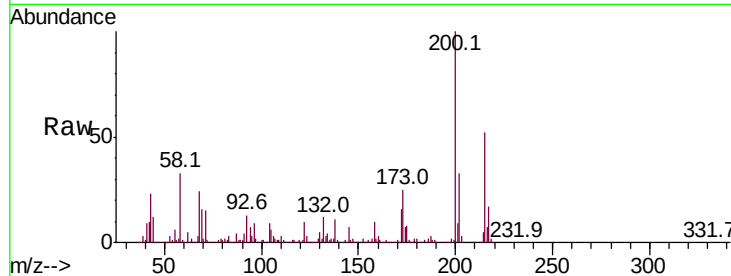




#69  
Atrazine  
Concen: 53.292 ng  
RT: 11.11 min Scan# 1534  
Delta R.T. 0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 6.3   | 46.3  |
| 215     | 51.6  | 30.2  | 70.2  |

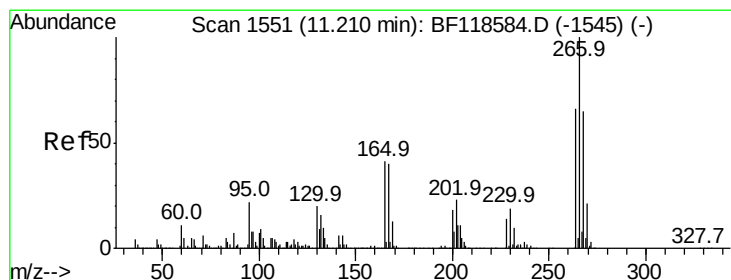
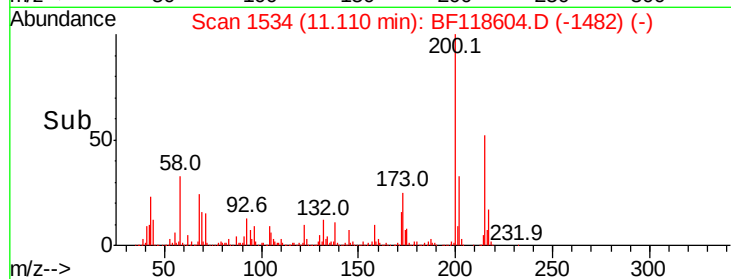
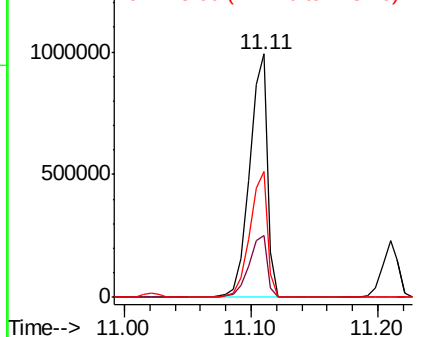


Abundance

Ion 200.00 (199.70 to 200.70): E

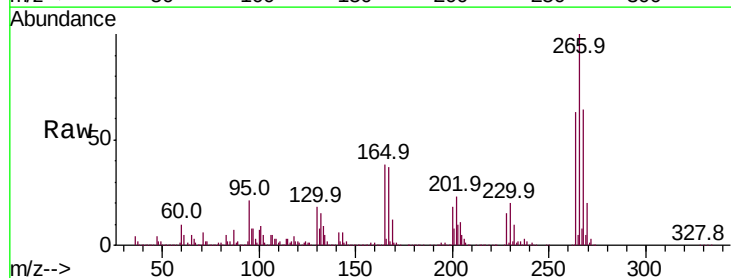
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 90.366 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.1  | 52.1  | 78.1  |
| 264     | 63.3  | 52.4  | 78.6  |

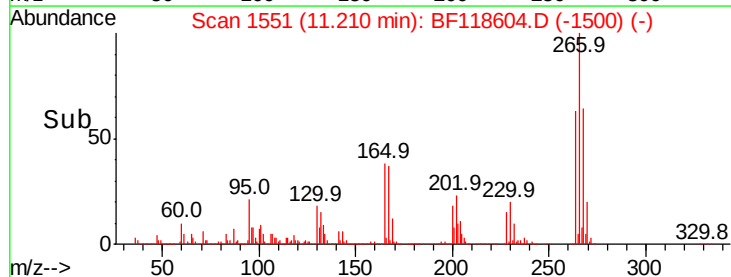
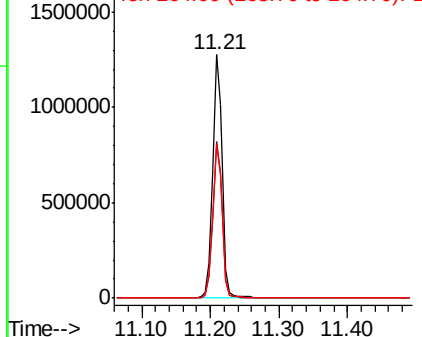


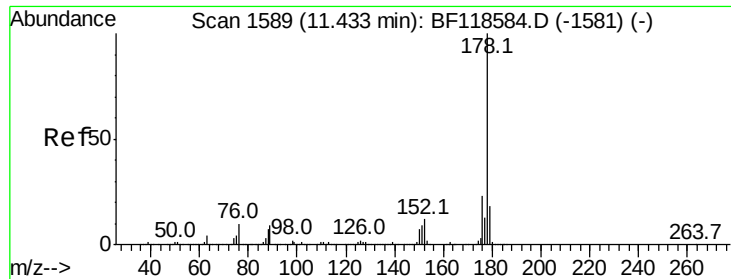
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

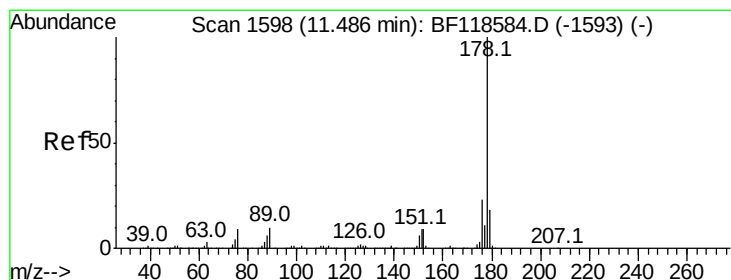
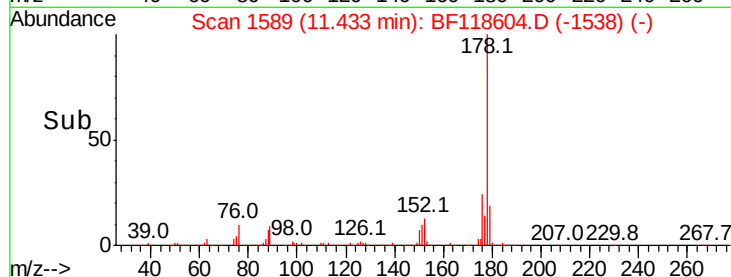
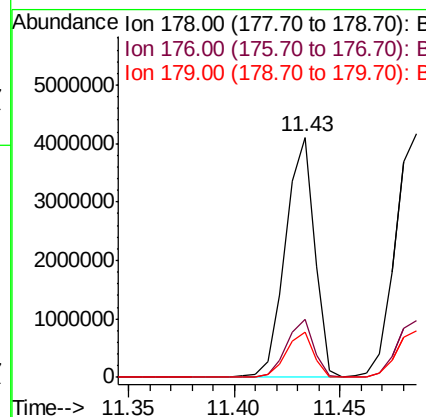
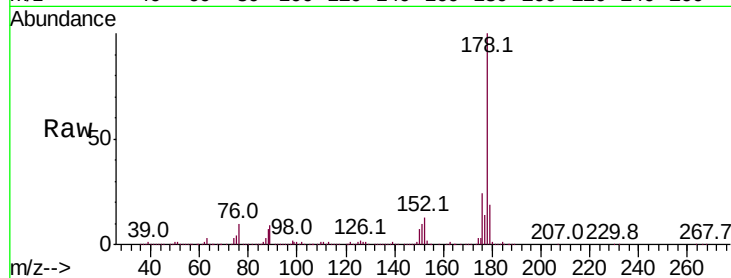




#71  
Phenanthrene  
Concen: 47.430 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

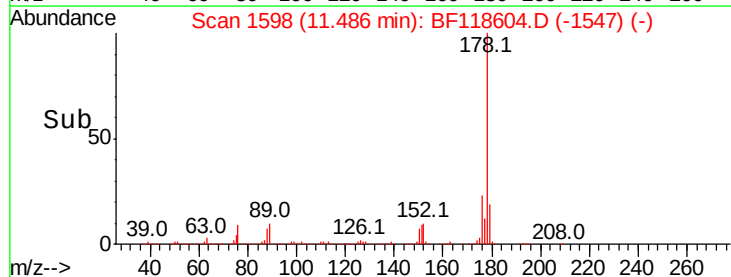
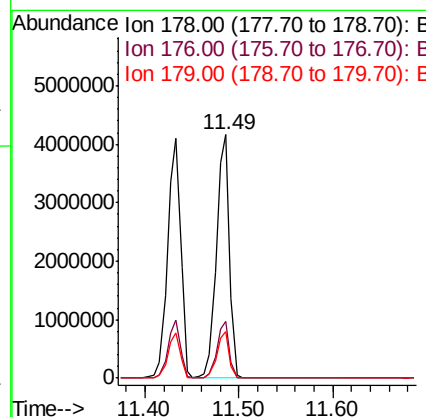
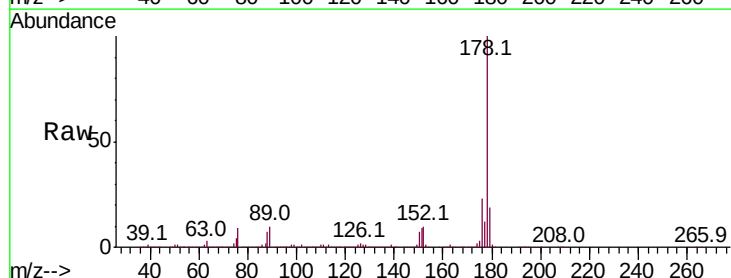
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:178 Resp: 3968925  
Ion Ratio Lower Upper  
178 100  
176 24.4 18.6 27.8  
179 19.1 14.7 22.1

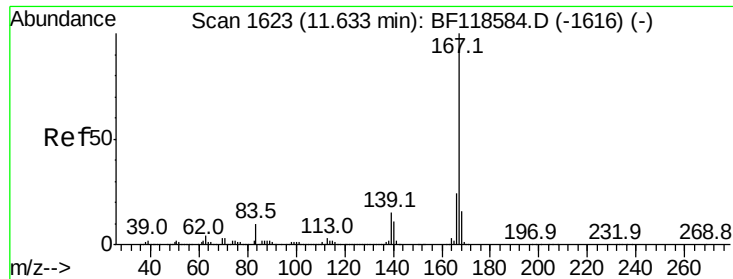


#72  
Anthracene  
Concen: 49.513 ng  
RT: 11.49 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:178 Resp: 4099674  
Ion Ratio Lower Upper  
178 100  
176 23.4 18.0 27.0  
179 19.0 14.7 22.1



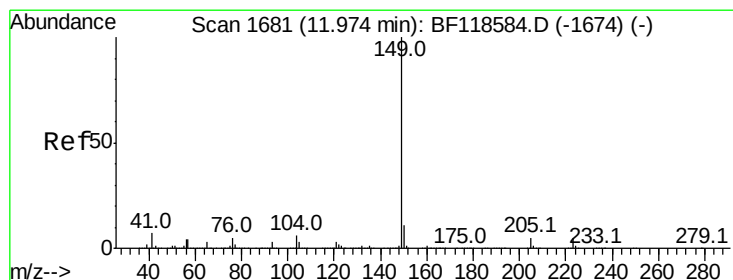
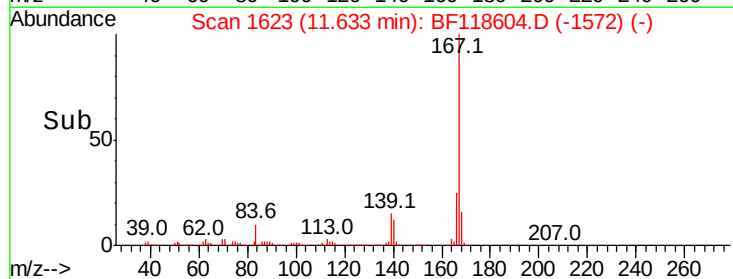
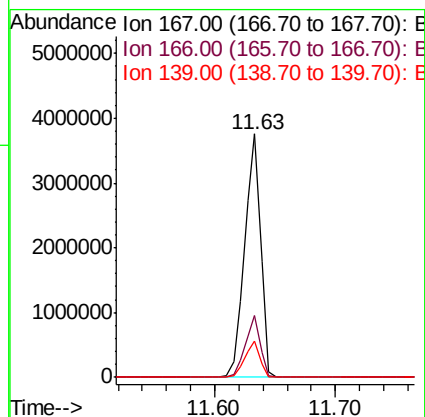
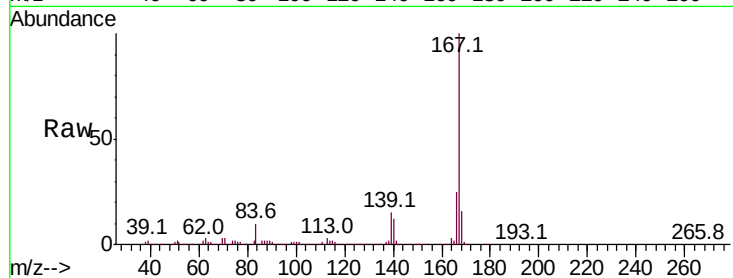




#73  
 Carbazole  
 Concen: 45.764 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. 0.00 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

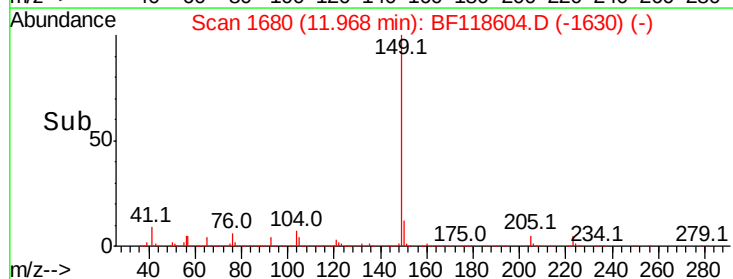
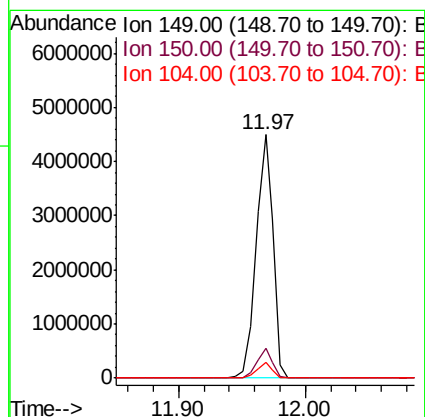
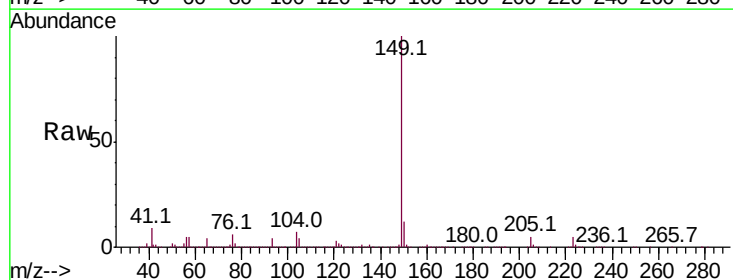
Instrument :  
 BNA\_F  
 ClientSampled :

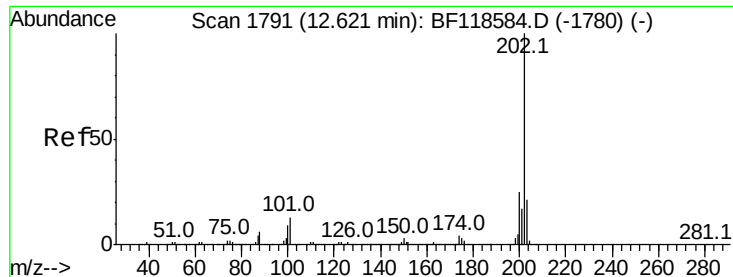
Tot Ion:167 Resp: 3475638  
 Ion Ratio Lower Upper  
 167 100  
 166 25.5 19.4 29.2  
 139 15.1 11.7 17.5



#74  
 Di-n-butylphthalate  
 Concen: 49.833 ng  
 RT: 11.97 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BF118604.D  
 Acq: 20 Jan 2020 21:19

Tgt Ion:149 Resp: 4204899  
 Ion Ratio Lower Upper  
 149 100  
 150 12.0 8.7 13.1  
 104 6.5 4.6 6.8

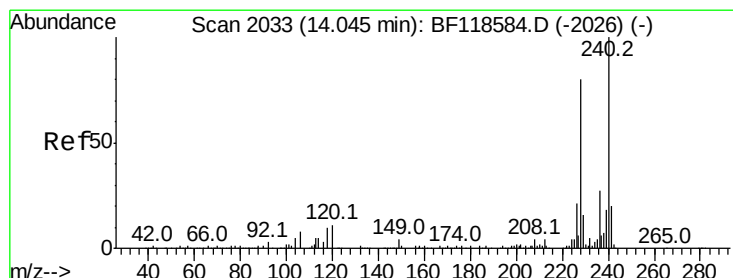
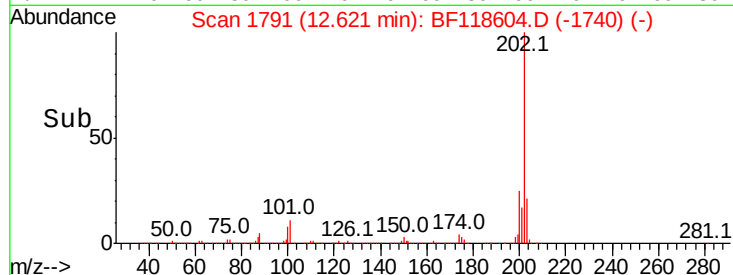
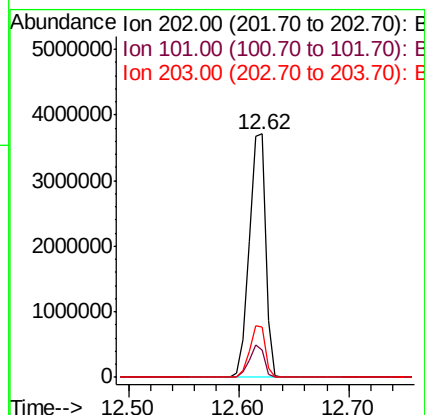
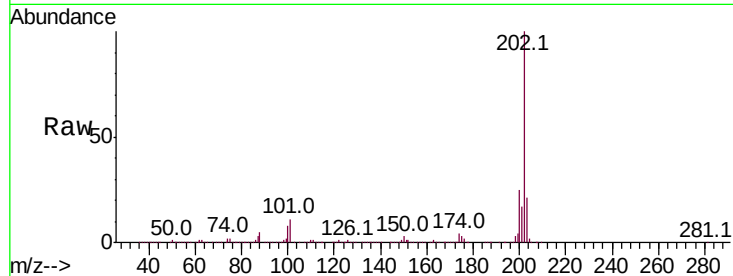




#75  
Fluoranthene  
Concen: 44.133 ng  
RT: 12.62 min Scan# 1791  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

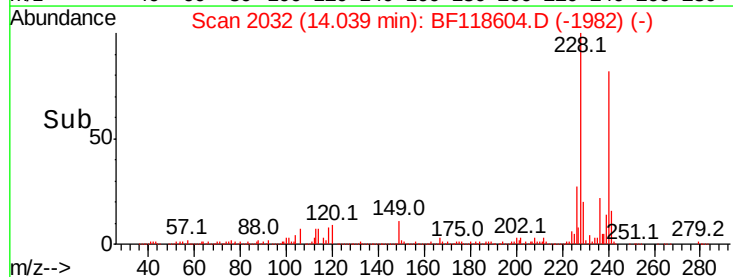
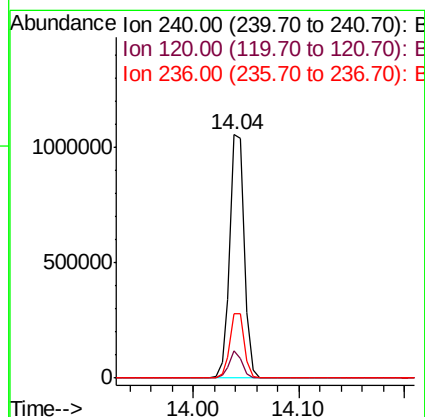
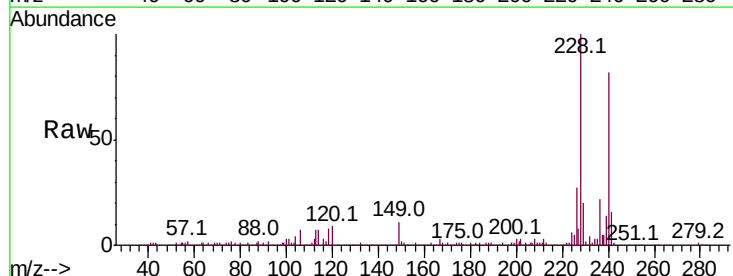
Instrument :  
BNA\_F  
ClientSampled :

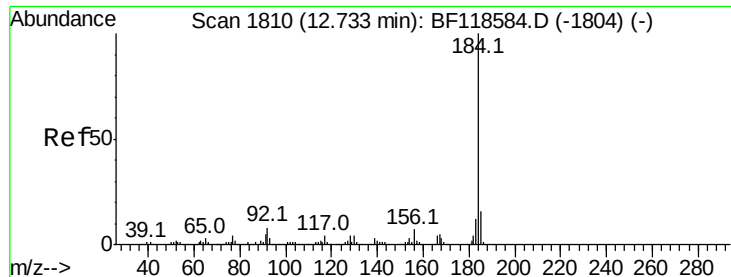
Tot Ion:202 Resp: 3895036  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 32.5  
203 20.6 0.8 40.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.04 min Scan# 2032  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:240 Resp: 1004982  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.9 13.3  
236 26.4 21.5 32.3





#77

Benzidine

Concen: 41.891 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

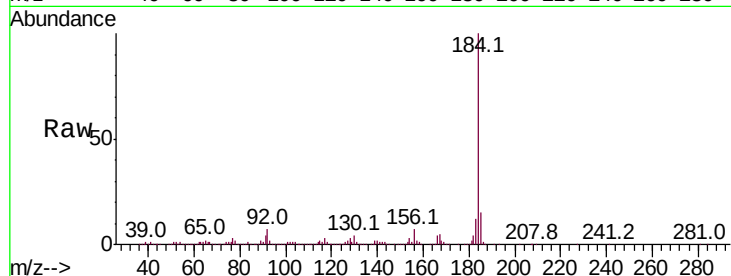
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:184 Resp: 1124861

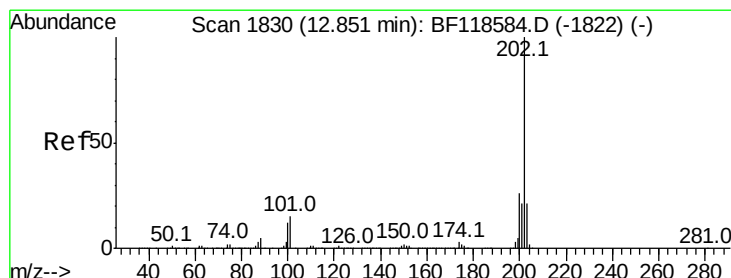
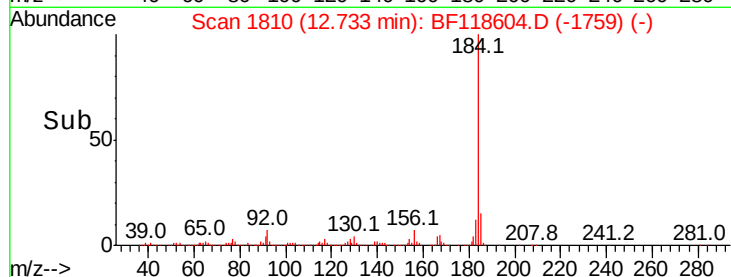
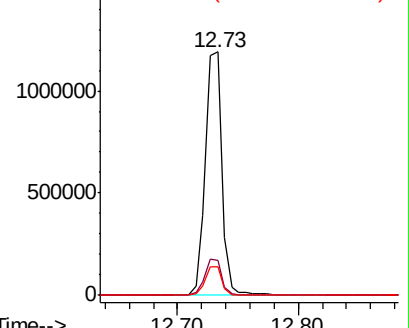
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 12.9  | 19.3  |
| 183 | 11.7  | 9.6   | 14.4  |



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 57.298 ng

RT: 12.84 min Scan# 1829

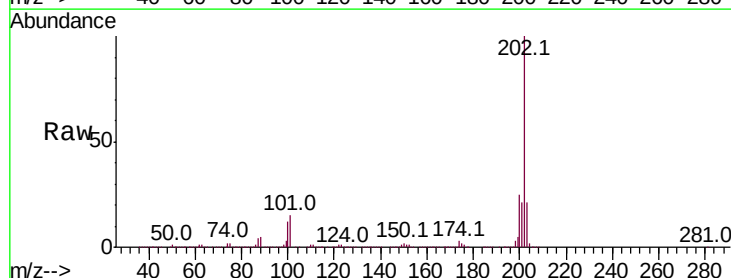
Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Tgt Ion:202 Resp: 3909388

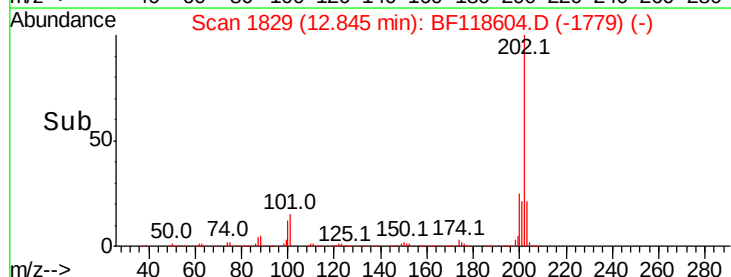
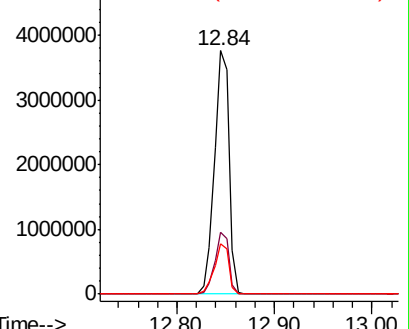
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 25.4  | 20.6  | 31.0  |
| 203 | 20.6  | 16.8  | 25.2  |

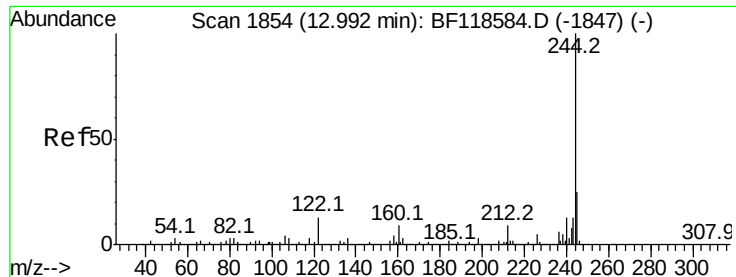


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.653 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

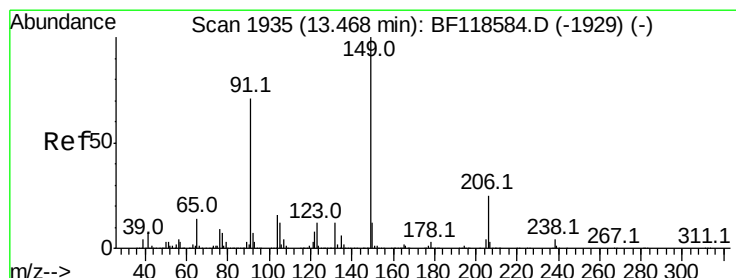
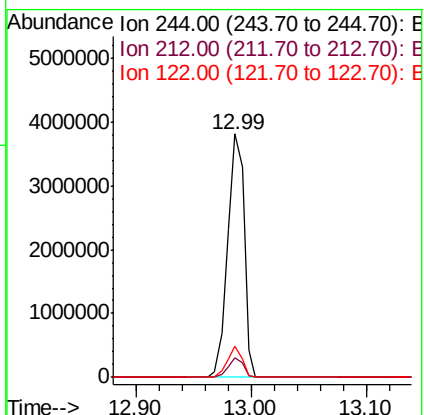
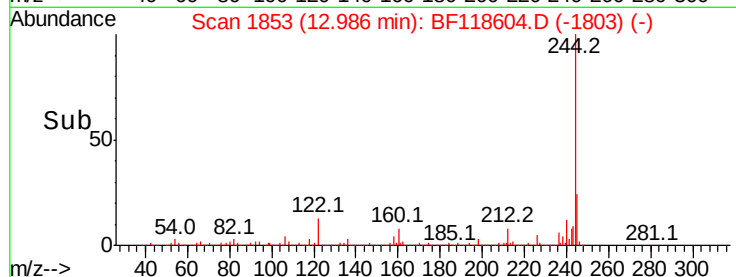
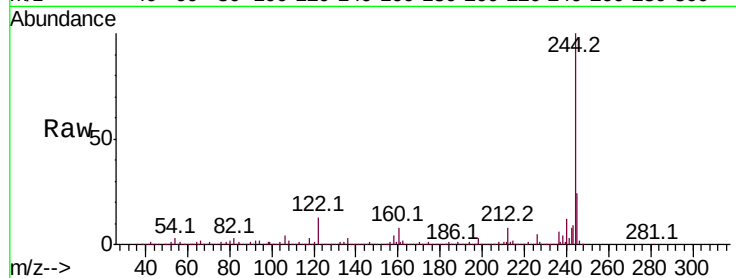
Tot Ion:244 Resp: 3762306

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

122 12.6 10.7 16.1



#80

Butylbenzylphthalate

Concen: 59.413 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

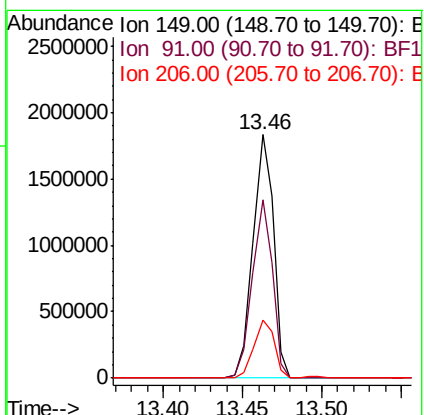
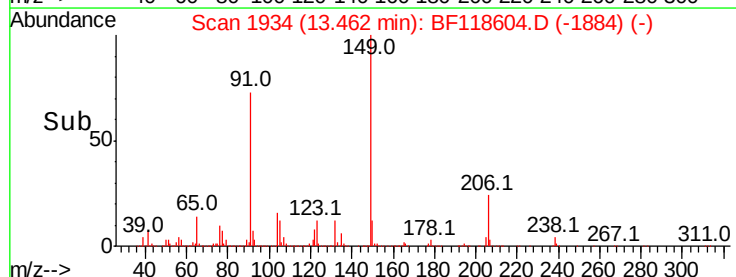
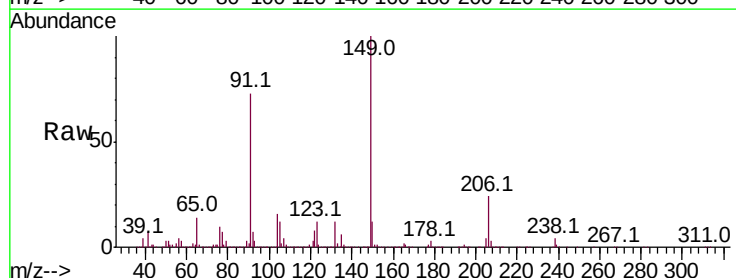
Tgt Ion:149 Resp: 1659016

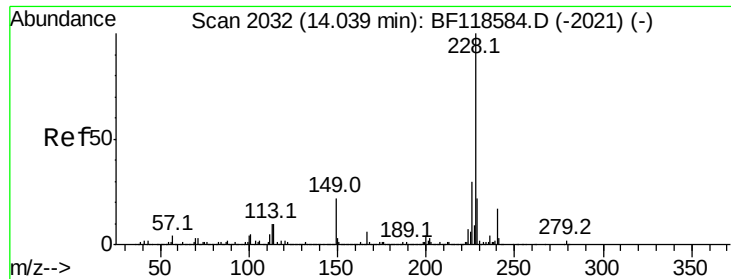
Ion Ratio Lower Upper

149 100

91 73.3 56.5 84.7

206 23.8 19.9 29.9

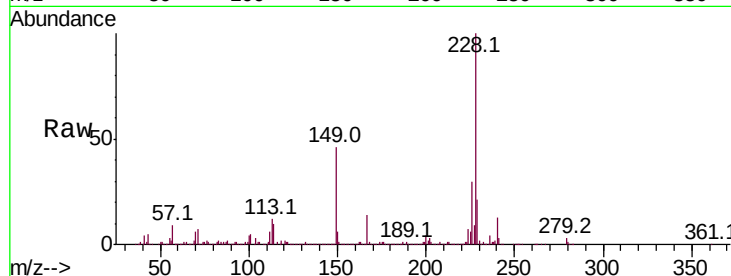




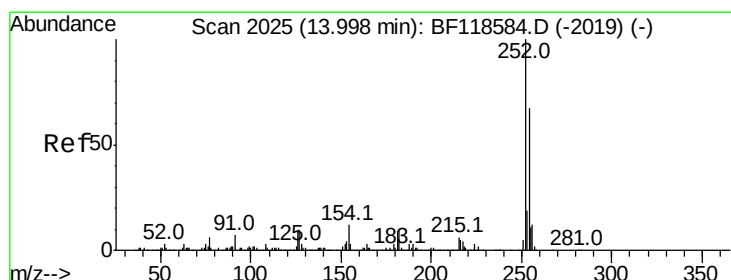
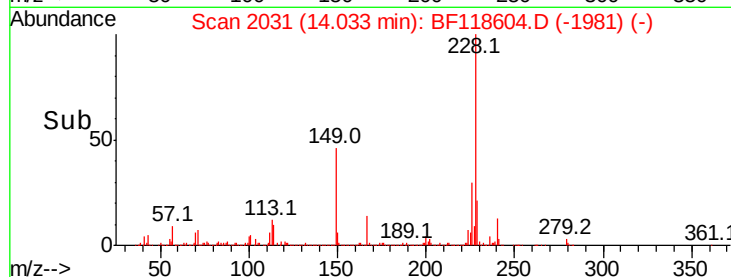
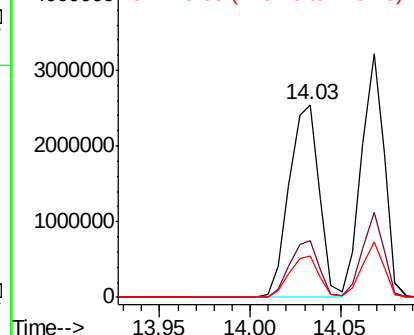
#81  
Benzo(a)anthracene  
Concen: 49.160 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:228 Resp: 2971937  
Ion Ratio Lower Upper  
228 100  
226 29.6 24.1 36.1  
229 21.4 17.6 26.4

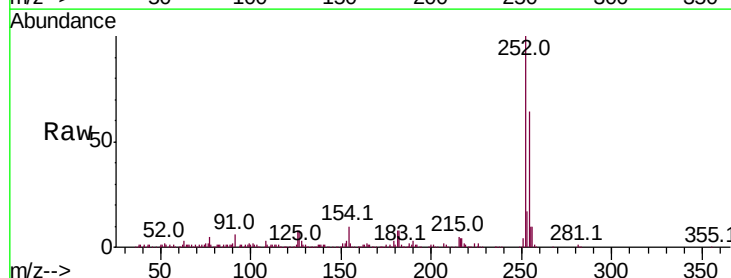


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

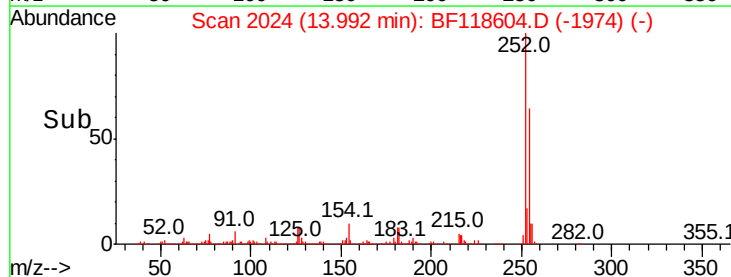
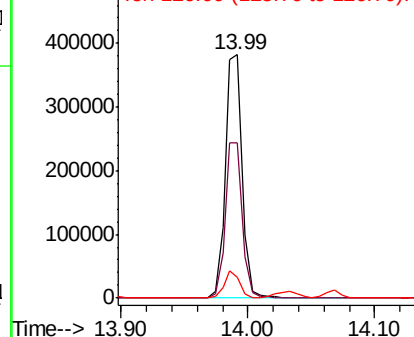


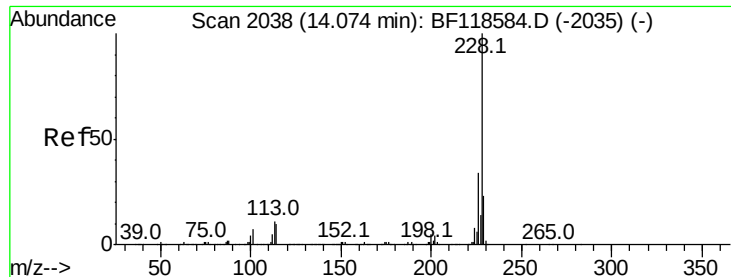
#82  
3,3'-Dichlorobenzidine  
Concen: 16.534 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:252 Resp: 356176  
Ion Ratio Lower Upper  
252 100  
254 63.6 53.4 80.2  
126 8.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.763 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

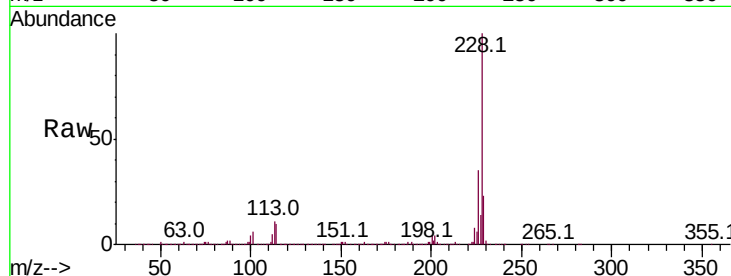
Tot Ion:228 Resp: 2825315

Ion Ratio Lower Upper

228 100

226 34.7 27.4 41.0

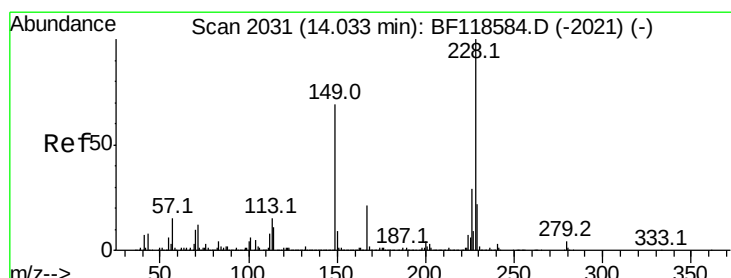
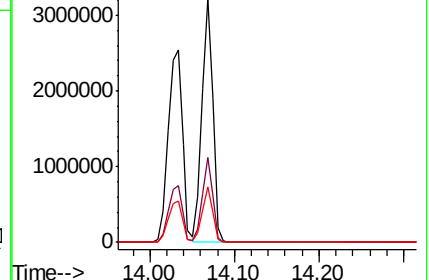
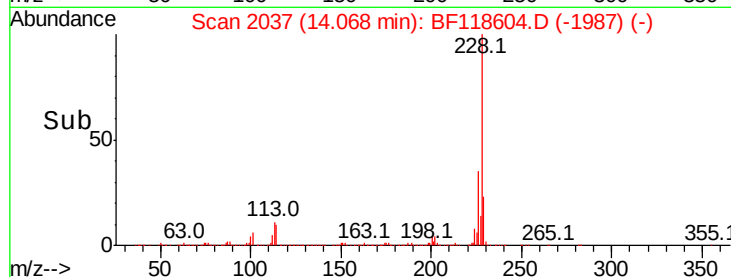
229 22.5 18.3 27.5



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: 62.266 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

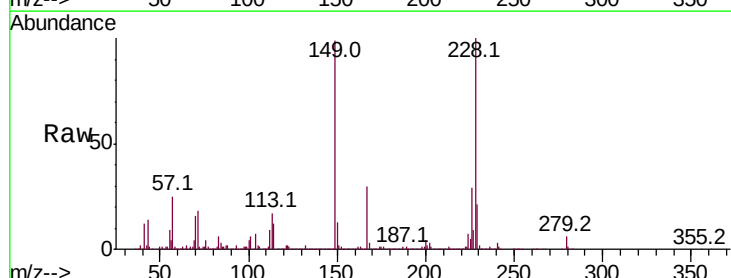
Tgt Ion:149 Resp: 2124213

Ion Ratio Lower Upper

149 100

167 30.5 24.2 36.4

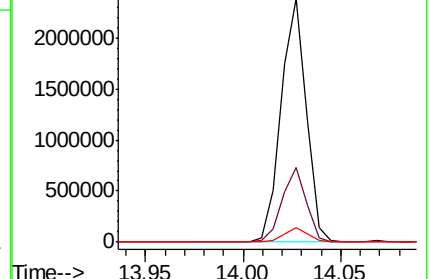
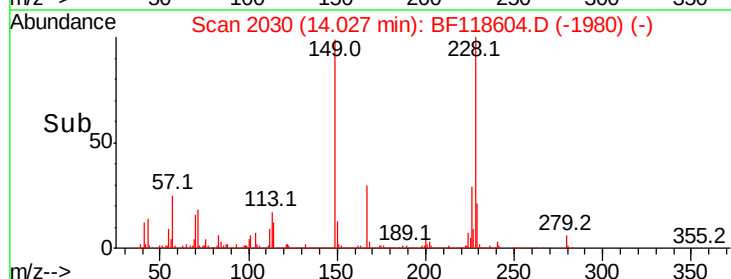
279 5.9 5.0 7.4

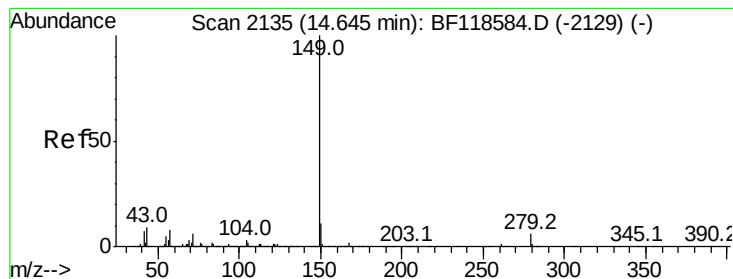


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 61.848 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

Instrument :

BNA\_F

ClientSampleId :

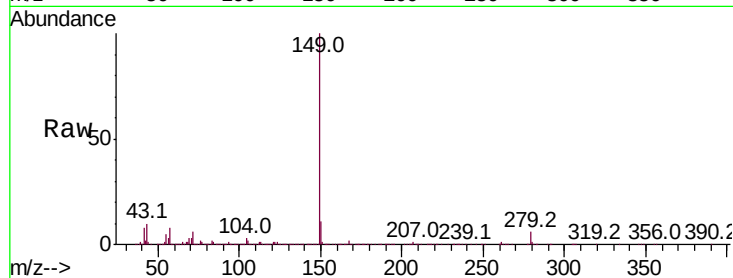
Tot Ion:149 Resp: 3123086

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

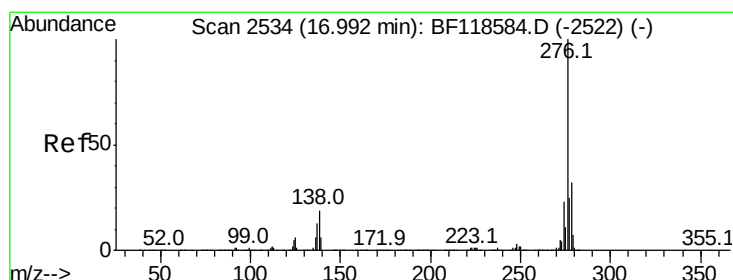
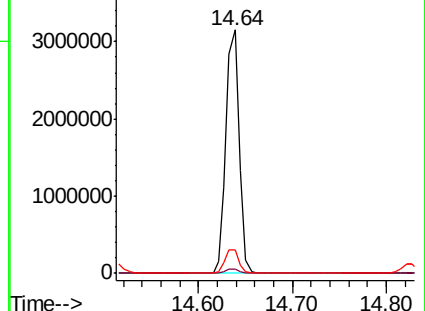
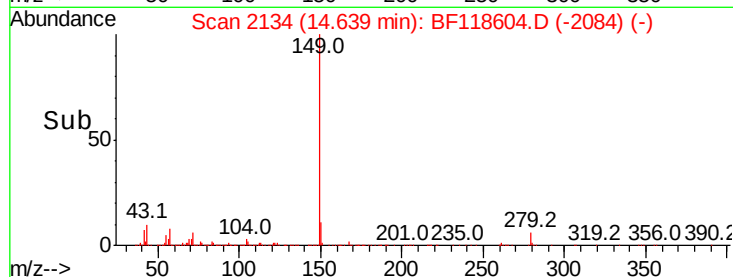
43 10.0 8.1 12.1



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: 71.470 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.00 min

Lab File: BF118604.D

Acq: 20 Jan 2020 21:19

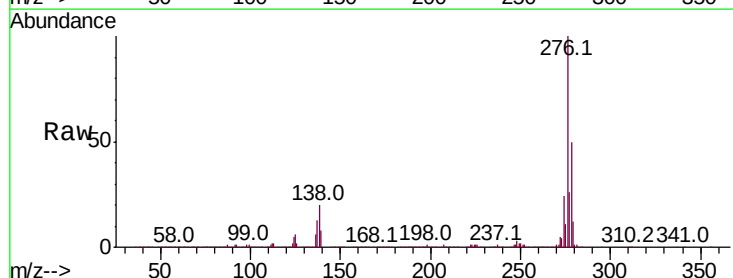
Tgt Ion:276 Resp: 3598104

Ion Ratio Lower Upper

276 100

138 21.8 17.2 25.8

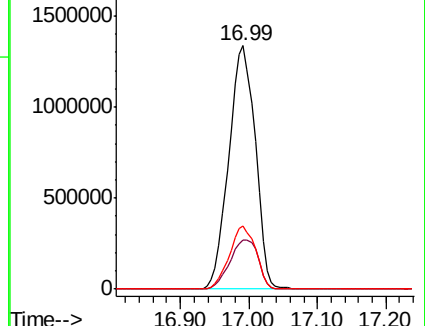
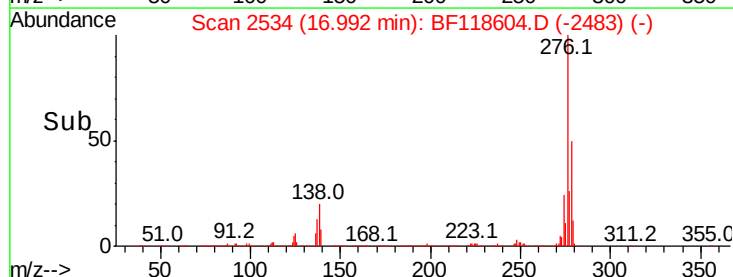
277 25.8 20.5 30.7

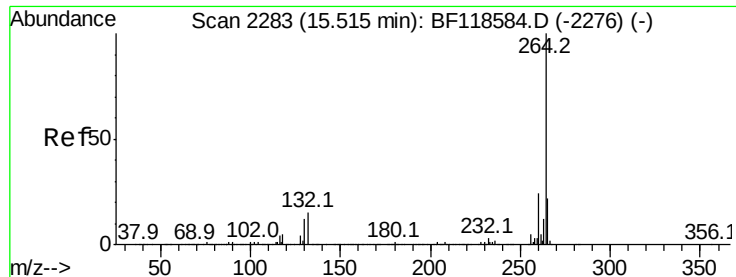


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



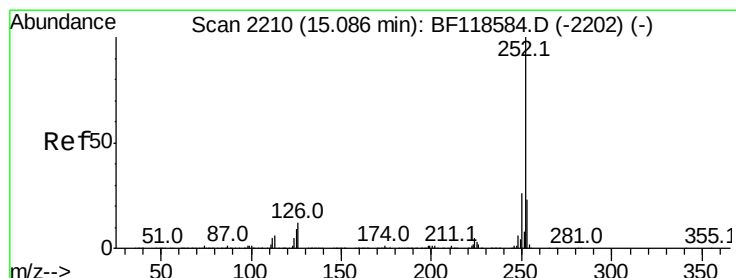
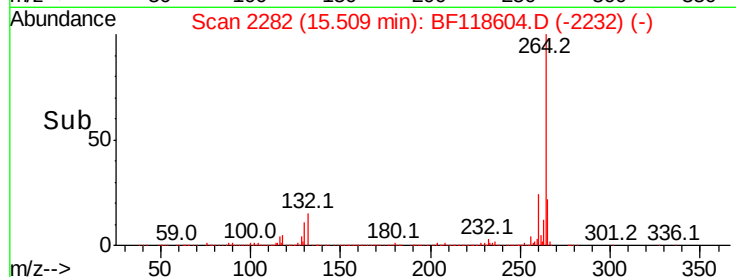
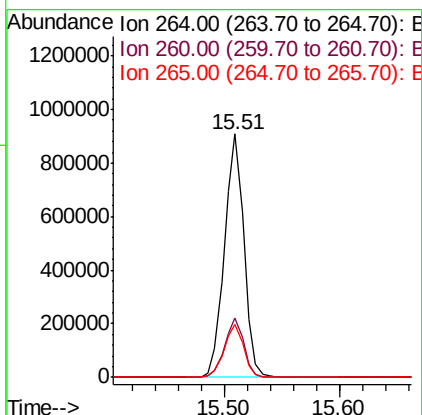
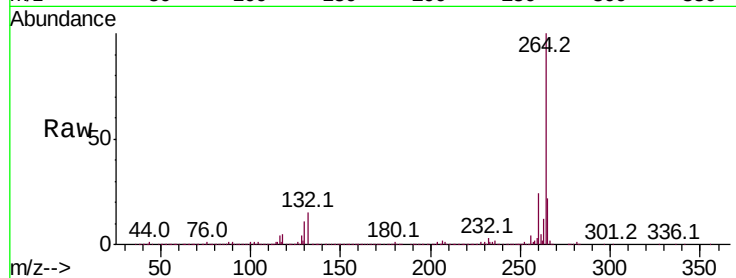


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.51 min Scan# 2282  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 1059611  

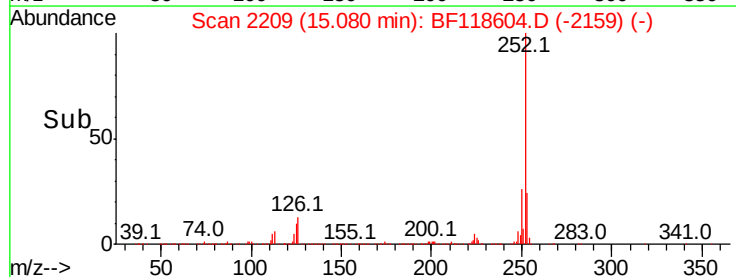
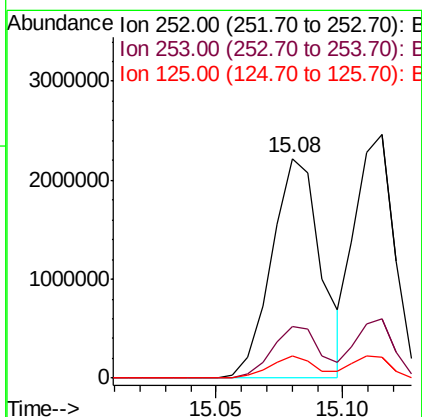
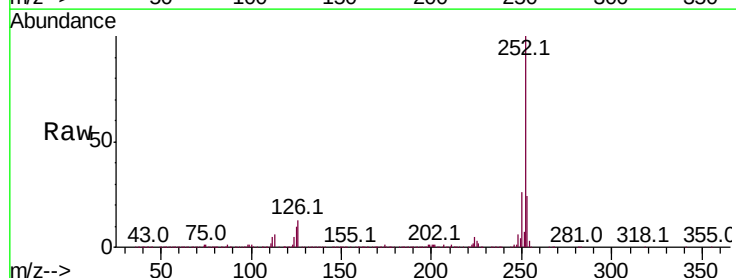
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 19.6  | 29.4  |
| 265 | 21.9  | 17.7  | 26.5  |



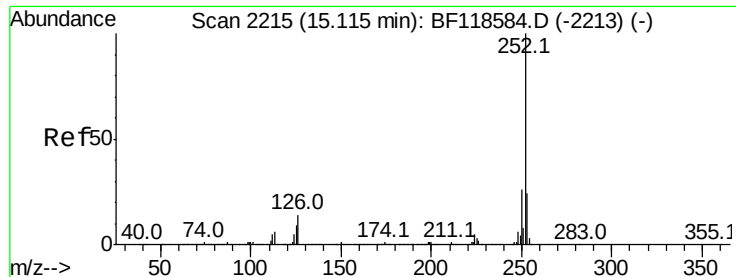
#88  
Benzo(b)fluoranthene  
Concen: 45.107 ng  
RT: 15.08 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:252 Resp: 3004336  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.7  | 18.7  | 28.1  |
| 125 | 9.8   | 7.3   | 10.9  |



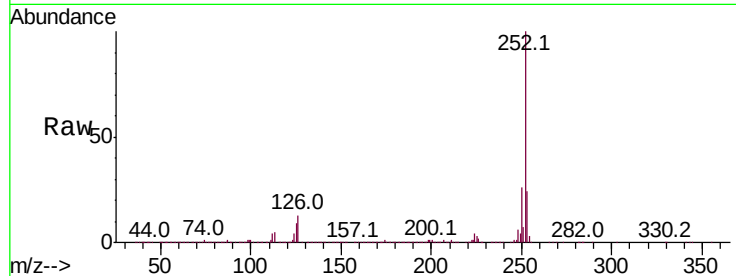




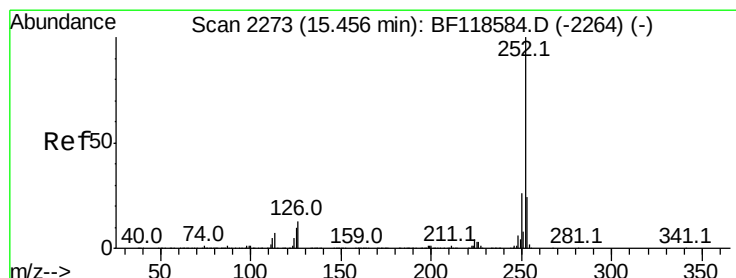
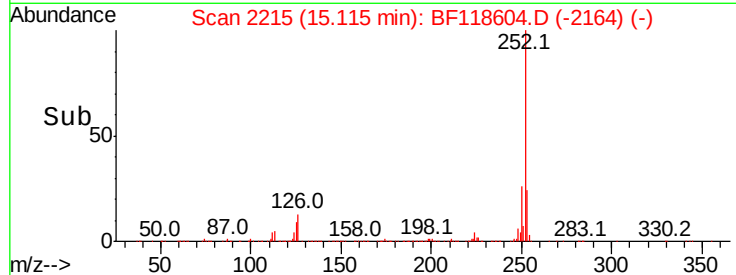
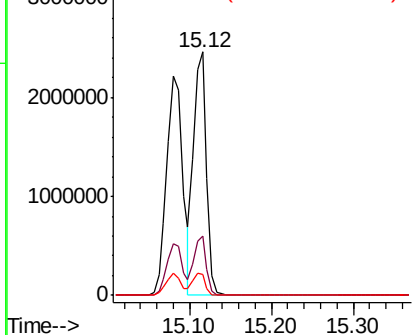
#89  
Benzo(k)fluoranthene  
Concen: 43.432 ng  
RT: 15.12 min Scan# 2215  
Delta R.T. -0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 2680022  
Ion Ratio Lower Upper  
252 100  
253 24.1 19.0 28.4  
125 8.8 7.6 11.4

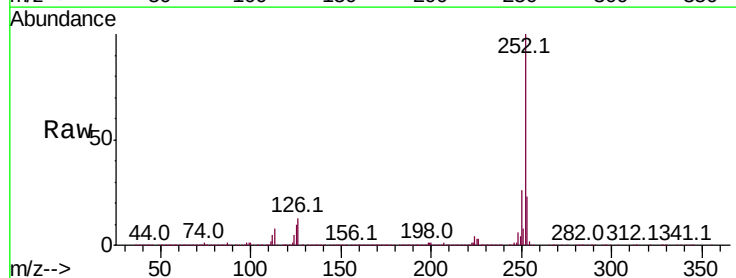


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

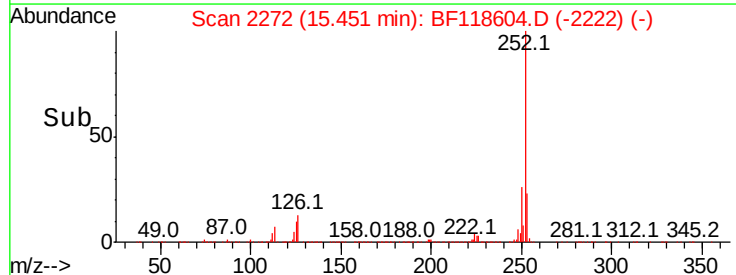
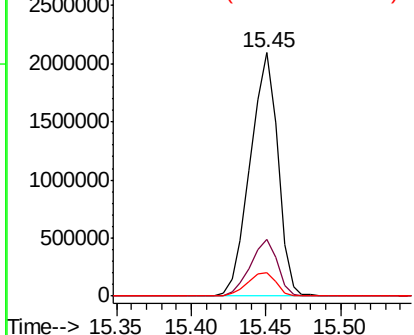


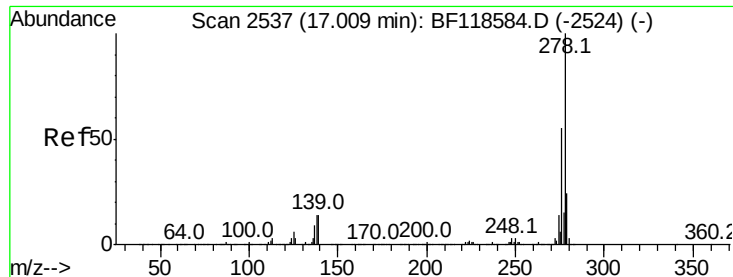
#90  
Benzo(a)pyrene  
Concen: 46.553 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:252 Resp: 2674722  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.8 28.2  
125 9.7 7.8 11.6



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



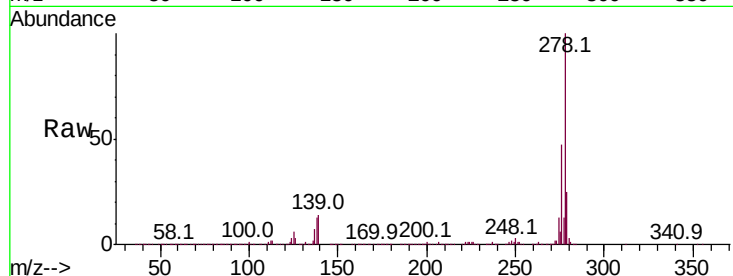


#91  
Dibenzo(a,h)anthracene  
Concen: 58.880 ng  
RT: 17.01 min Scan# 2537  
Delta R.T. 0.00 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

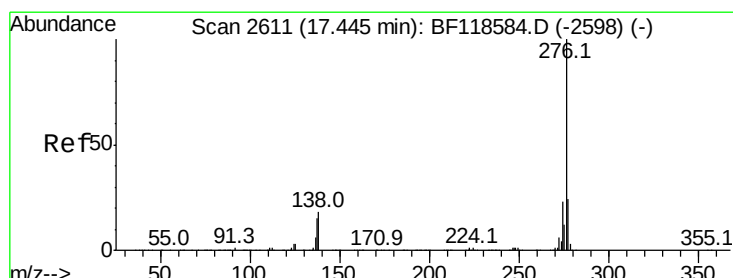
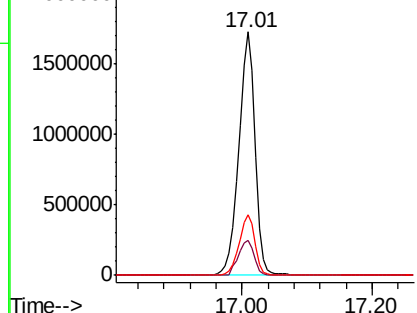
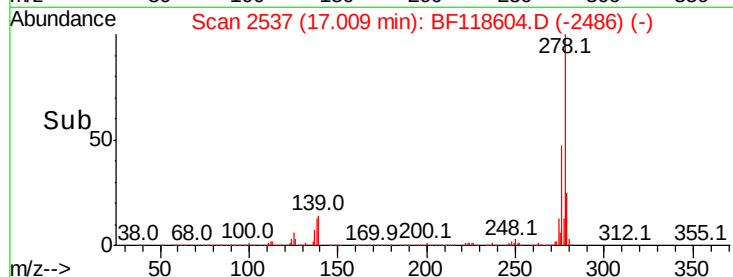
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 2992437  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.2  | 11.4  | 17.0  |
| 279 | 24.8  | 19.0  | 28.6  |



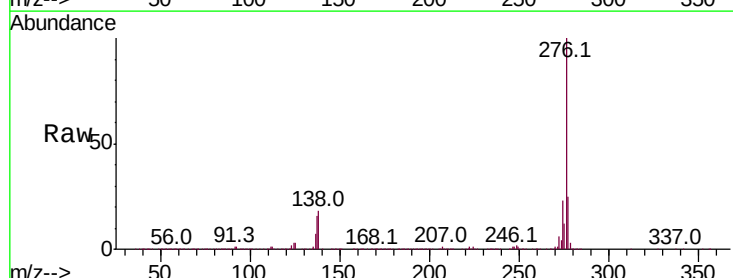
Abundance Ion 278.00 (277.70 to 278.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 61.337 ng  
RT: 17.44 min Scan# 2610  
Delta R.T. -0.01 min  
Lab File: BF118604.D  
Acq: 20 Jan 2020 21:19

Tgt Ion:276 Resp: 3026736  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.5  | 18.9  | 28.3  |
| 138 | 18.5  | 14.4  | 21.6  |



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

