

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF100818\  
 Data File : BF109651.D  
 Acq On : 8 Oct 2018 16:46  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Oct 09 04:00:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 96867    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.98  | 136  | 405865   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.73  | 164  | 194532   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.20 | 188  | 376597   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.83 | 240  | 273251   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.23 | 264  | 220952   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.32  | 112 | 430446  | 78.88 | ng | 0.00 |
| 7) Phenol-d6             | 6.36  | 99  | 579887  | 79.54 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 580131  | 78.79 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.52 | 330 | 171541  | 80.93 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.06  | 172 | 1090462 | 77.20 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.79 | 244 | 1065608 | 75.49 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |           | Qvalue |
|--------------------------------|------|-----|--------|-----------|--------|
| 2) 1,4-Dioxane                 | 2.38 | 88  | 116510 | 40.680 ng | 99     |
| 3) Pyridine                    | 3.09 | 79  | 224749 | 38.036 ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.03 | 42  | 81961  | 38.429 ng | 96     |
| 6) Aniline                     | 6.37 | 93  | 348793 | 41.071 ng | 93     |
| 8) 2-Chlorophenol              | 6.49 | 128 | 268453 | 39.998 ng | 98     |
| 9) Benzaldehyde                | 6.25 | 77  | 194634 | 41.489 ng | 98     |
| 10) Phenol                     | 6.37 | 94  | 314359 | 37.605 ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93  | 294838 | 42.542 ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 299864 | 39.063 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 322167 | 38.501 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 286623 | 39.003 ng | 99     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 220845 | 40.862 ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 350740 | 38.167 ng | 96     |
| 17) 2-Methylphenol             | 6.97 | 107 | 206246 | 38.859 ng | 92     |
| 18) Hexachloroethane           | 7.21 | 117 | 113372 | 38.331 ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 197503 | 38.632 ng | 97     |
| 20) 3+4-Methylphenols          | 7.13 | 107 | 261719 | 40.018 ng | 97     |
| 22) Acetophenone               | 7.12 | 105 | 387461 | 39.478 ng | # 98   |
| 24) Nitrobenzene               | 7.29 | 77  | 307775 | 40.172 ng | 98     |
| 25) Isophorone                 | 7.52 | 82  | 469053 | 38.364 ng | 100    |
| 26) 2-Nitrophenol              | 7.60 | 139 | 146272 | 40.817 ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 202888 | 39.206 ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.73 | 93  | 323231 | 39.085 ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 234781 | 40.448 ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.92 | 180 | 255248 | 39.723 ng | 98     |
| 31) Naphthalene                | 8.00 | 128 | 731807 | 38.988 ng | 99     |
| 32) Benzoic acid               | 7.80 | 122 | 150236 | 40.605 ng | 94     |
| 33) 4-Chloroaniline            | 8.06 | 127 | 329191 | 39.826 ng | 99     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 156610 | 39.199 ng | 99     |
| 35) Caprolactam                | 8.43 | 113 | 70498  | 40.668 ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.55 | 107 | 244773 | 39.948 ng | 96     |
| 37) 2-Methylnaphthalene        | 8.69 | 142 | 481173 | 39.135 ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.86 | 216 | 259762 | 39.228 ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.85 | 237 | 97478  | 37.795 ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF100818\  
 Data File : BF109651.D  
 Acq On : 8 Oct 2018 16:46  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

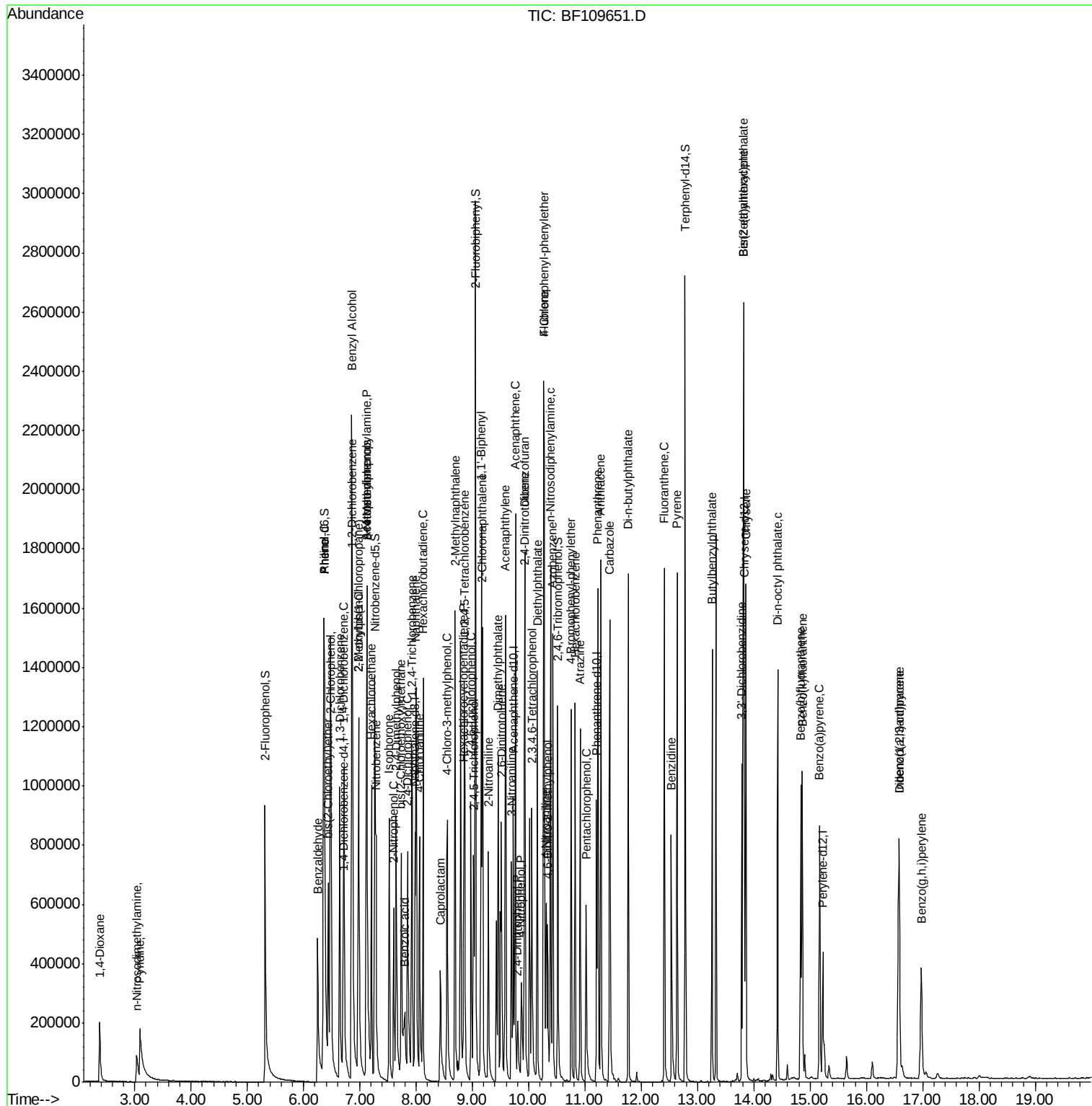
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

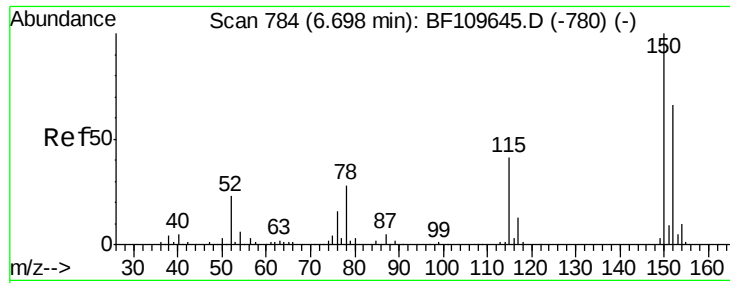
Quant Time: Oct 09 04:00:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 08 16:02:11 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.97  | 196  | 159294   | 40.240 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.02  | 196  | 177643   | 39.029 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 679611   | 39.106 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.18  | 162  | 509745   | 39.151 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.28  | 65   | 156653   | 39.736 | ng    | 97       |
| 48) Acenaphthylene             | 9.59  | 152  | 740909   | 39.034 | ng    | 99       |
| 49) Dimethylphthalate          | 9.46  | 163  | 557858   | 39.101 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.52  | 165  | 125221   | 40.490 | ng    | 93       |
| 51) Acenaphthene               | 9.76  | 154  | 431075   | 38.311 | ng    | 100      |
| 52) 3-Nitroaniline             | 9.69  | 138  | 139107   | 40.126 | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 9.80  | 184  | 45080    | 45.180 | ng    | 95       |
| 54) Dibenzofuran               | 9.93  | 168  | 661647   | 39.228 | ng    | 98       |
| 55) 4-Nitrophenol              | 9.87  | 139  | 76184    | 40.148 | ng    | 90       |
| 56) 2,4-Dinitrotoluene         | 9.92  | 165  | 156684   | 40.597 | ng    | 96       |
| 57) Fluorene                   | 10.27 | 166  | 487425   | 38.698 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.06 | 232  | 152900   | 41.326 | ng    | 98       |
| 59) Diethylphthalate           | 10.15 | 149  | 550600   | 38.950 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.27 | 204  | 260297   | 39.172 | ng    | 96       |
| 61) 4-Nitroaniline             | 10.31 | 138  | 122669   | 38.209 | ng    | 99       |
| 62) Azobenzene                 | 10.43 | 77   | 562618   | 39.193 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.33 | 198  | 71794    | 39.168 | ng    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.39 | 169  | 488731   | 38.282 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.75 | 248  | 166818   | 38.551 | ng    | 92       |
| 67) Hexachlorobenzene          | 10.82 | 284  | 177566   | 37.896 | ng    | # 90     |
| 68) Atrazine                   | 10.92 | 200  | 153436   | 38.511 | ng    | 99       |
| 69) Pentachlorophenol          | 11.02 | 266  | 104146   | 39.500 | ng    | 98       |
| 70) Phenanthrene               | 11.23 | 178  | 725491   | 38.495 | ng    | 100      |
| 71) Anthracene                 | 11.28 | 178  | 741433   | 38.057 | ng    | 99       |
| 72) Carbazole                  | 11.44 | 167  | 730272   | 38.649 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.77 | 149  | 853651   | 38.952 | ng    | 99       |
| 74) Fluoranthene               | 12.41 | 202  | 759224   | 38.562 | ng    | 99       |
| 76) Benzidine                  | 12.53 | 184  | 414533   | 40.838 | ng    | 100      |
| 77) Pyrene                     | 12.64 | 202  | 777717   | 38.847 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.26 | 149  | 340748   | 39.258 | ng    | 100      |
| 80) Benzo(a)anthracene         | 13.82 | 228  | 583408   | 38.690 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.79 | 252  | 241942   | 39.847 | ng    | 98       |
| 82) Chrysene                   | 13.86 | 228  | 619452   | 39.110 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.82 | 149  | 415287   | 39.216 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 14.42 | 149  | 652857   | 39.003 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.57 | 276  | 420743   | 37.113 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.83 | 252  | 459217   | 37.609 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 14.86 | 252  | 493278   | 40.208 | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.17 | 252  | 430594   | 38.861 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.59 | 278  | 352237   | 38.707 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 16.97 | 276  | 357329   | 39.322 | ng    | 100      |

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

Quant Time: Oct 09 04:00:33 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100818.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 08 16:02:11 2018  
Response via : Initial Calibration



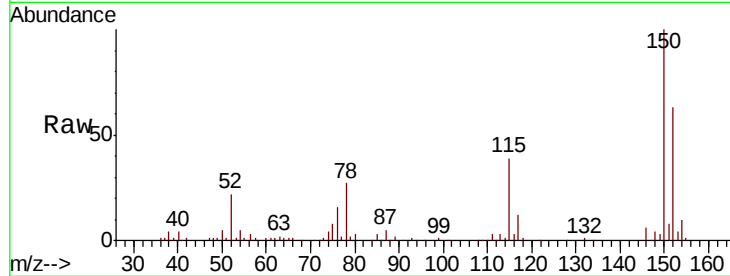


#1

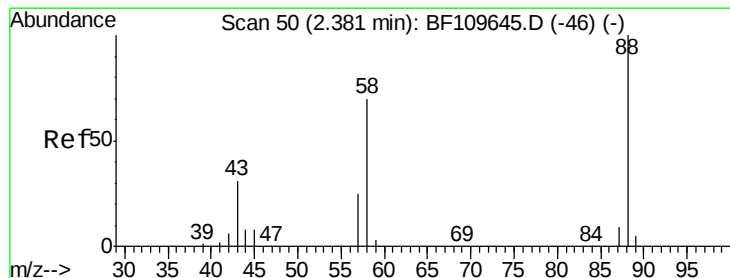
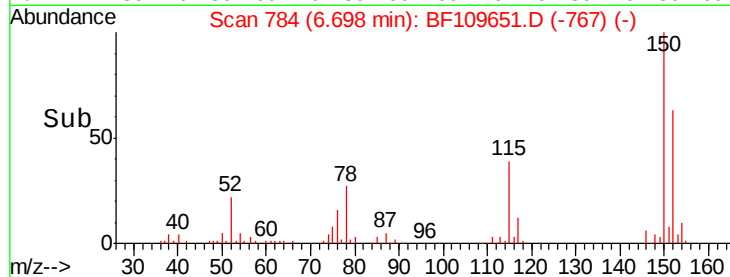
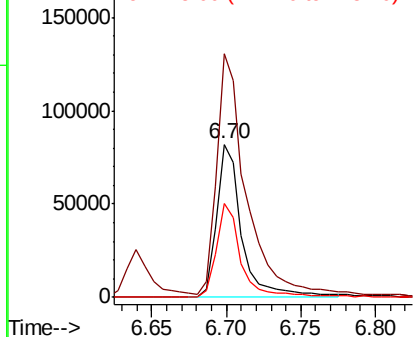
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 784  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:152 Resp: 96867  
Ion Ratio Lower Upper  
152 100  
150 159.0 122.7 184.1  
115 61.3 49.1 73.7



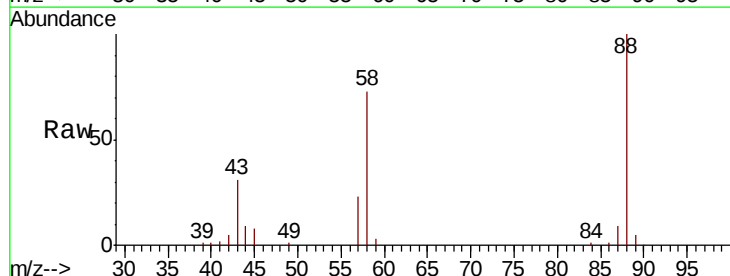
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



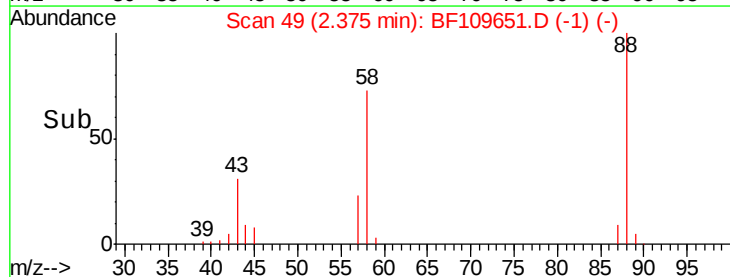
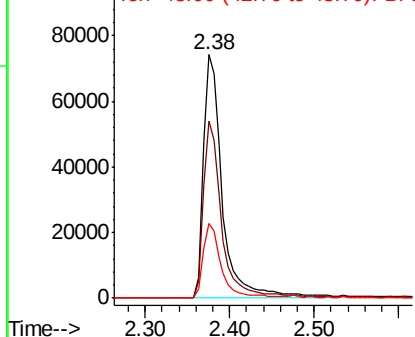
#2

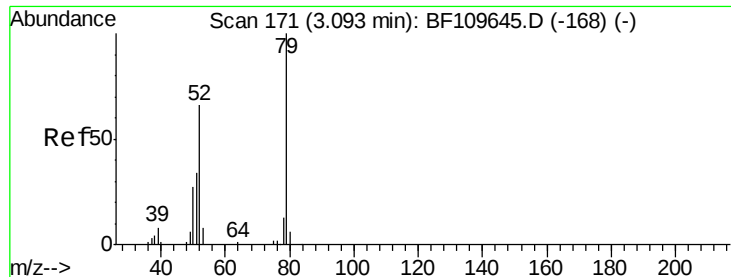
1,4-Dioxane  
Concen: 40.680 ng  
RT: 2.38 min Scan# 49  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion: 88 Resp: 116510  
Ion Ratio Lower Upper  
88 100  
58 70.4 57.1 85.7  
43 29.3 24.1 36.1



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

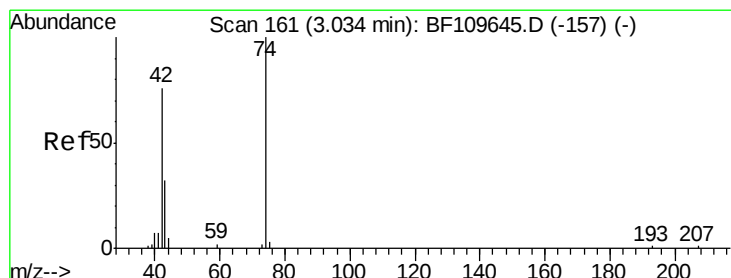
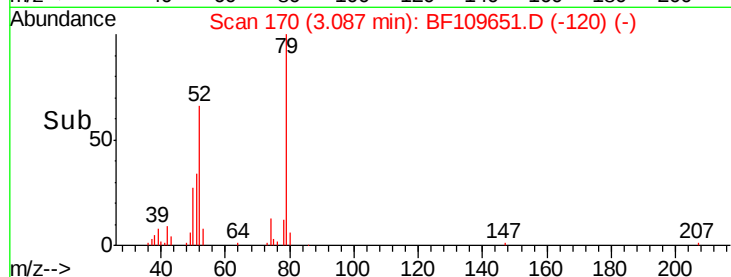
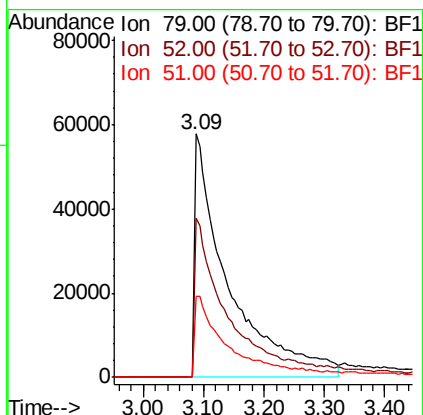
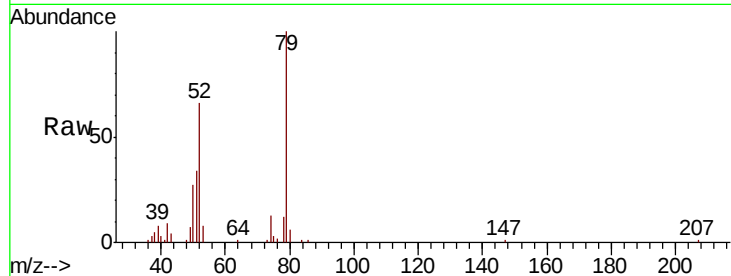




#3  
 Pyridine  
 Concen: 38.036 ng  
 RT: 3.09 min Scan# 170  
 Delta R.T. -0.01 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

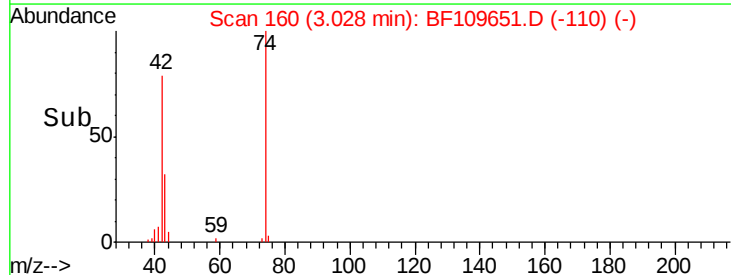
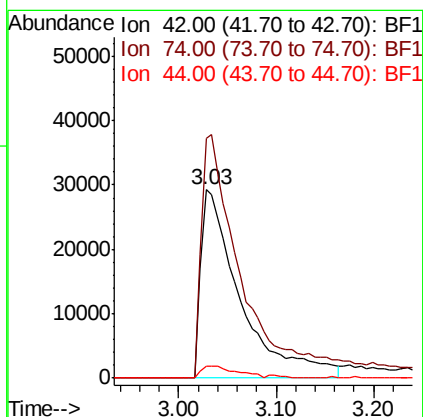
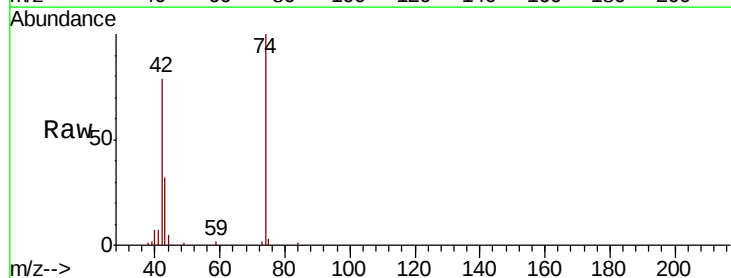
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

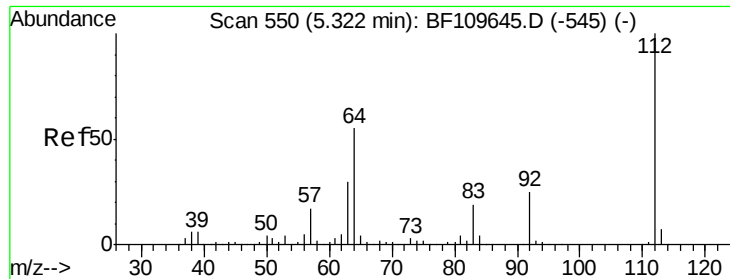
Tgt Ion: 79 Resp: 224749  
 Ion Ratio Lower Upper  
 79 100  
 52 65.6 53.1 79.7  
 51 33.5 27.4 41.2



#4  
 n-Nitrosodimethylamine  
 Concen: 38.429 ng  
 RT: 3.03 min Scan# 160  
 Delta R.T. -0.01 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion: 42 Resp: 81961  
 Ion Ratio Lower Upper  
 42 100  
 74 127.1 105.5 158.3  
 44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 78.877 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

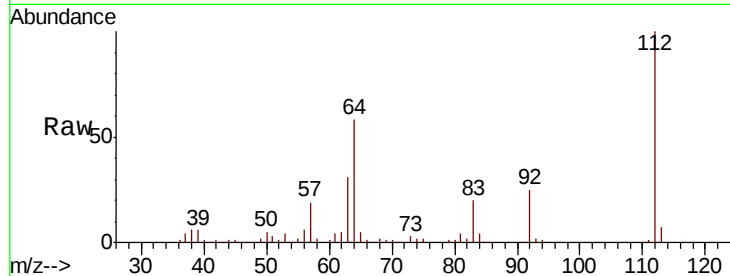
Tgt Ion:112 Resp: 430446

Ion Ratio Lower Upper

112 100

64 58.4 44.1 66.1

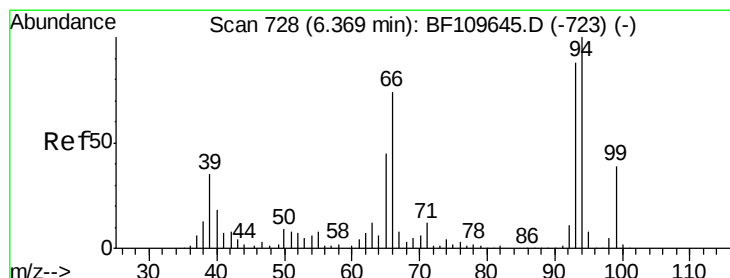
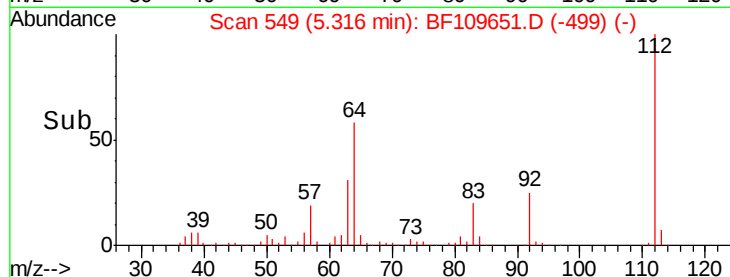
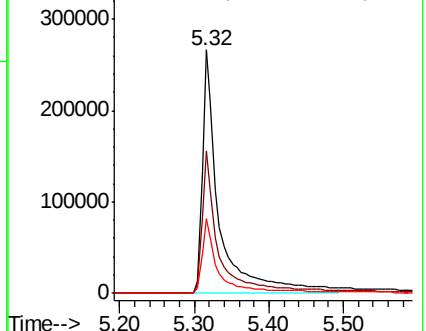
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.071 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

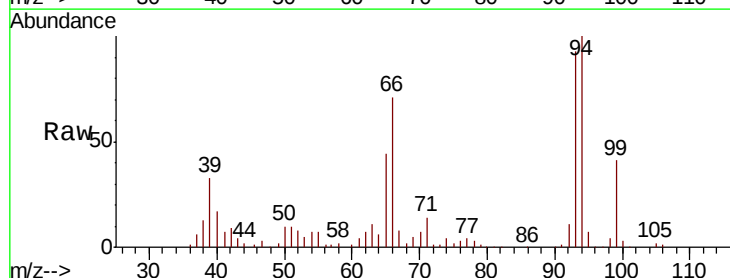
Tgt Ion: 93 Resp: 348793

Ion Ratio Lower Upper

93 100

66 76.7 67.4 101.0

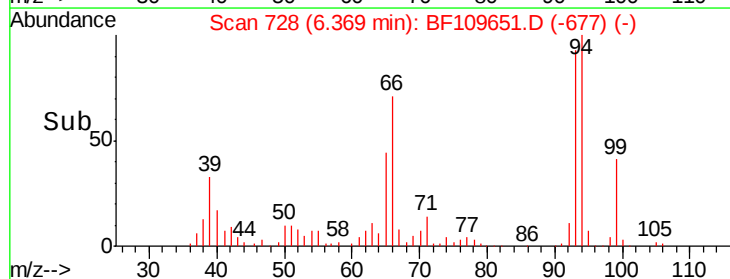
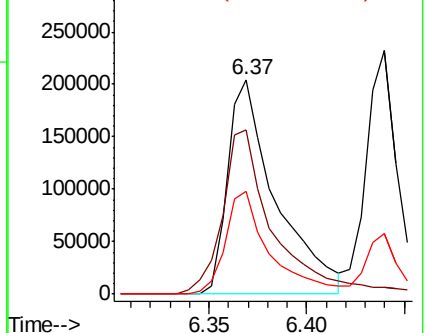
65 47.7 41.0 61.4

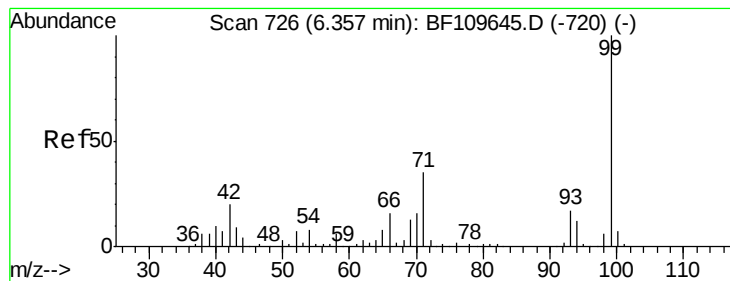


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.543 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

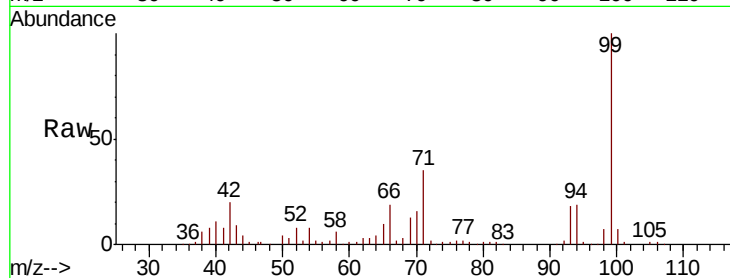
Tgt Ion: 99 Resp: 579887

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

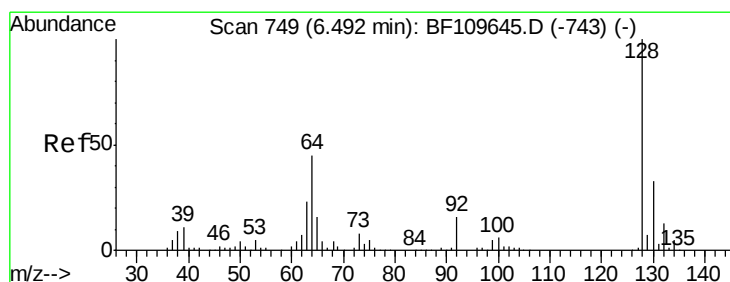
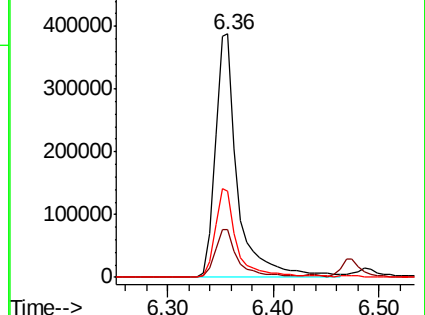
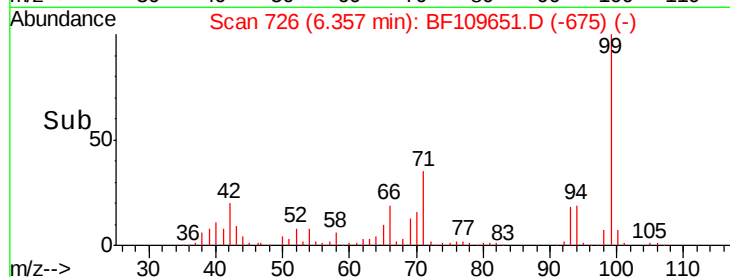
71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.998 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

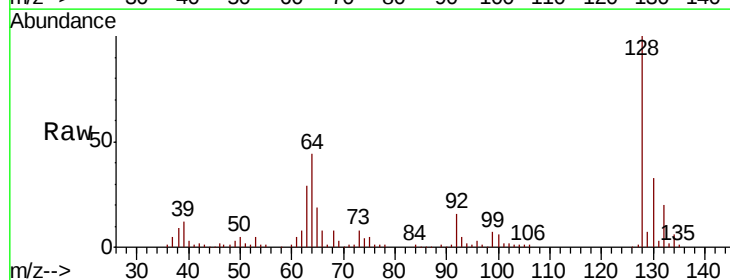
Tgt Ion: 128 Resp: 268453

Ion Ratio Lower Upper

128 100

130 32.6 13.1 53.1

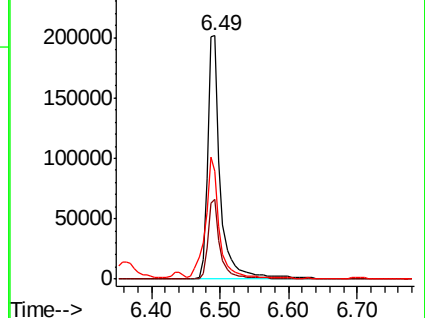
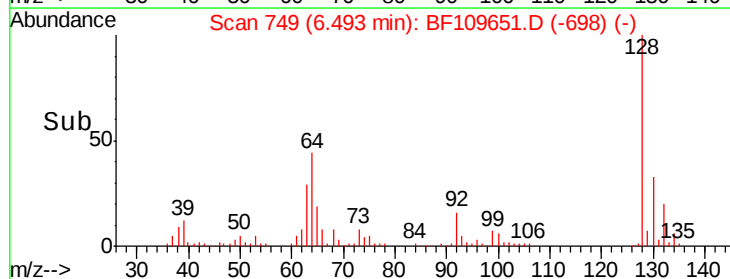
64 44.1 26.0 66.0

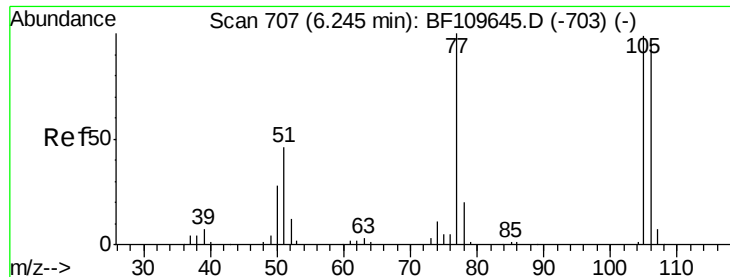


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.489 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

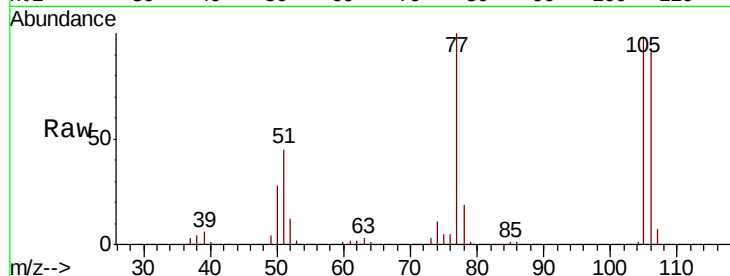
Tgt Ion: 77 Resp: 194634

Ion Ratio Lower Upper

77 100

105 97.6 78.6 118.6

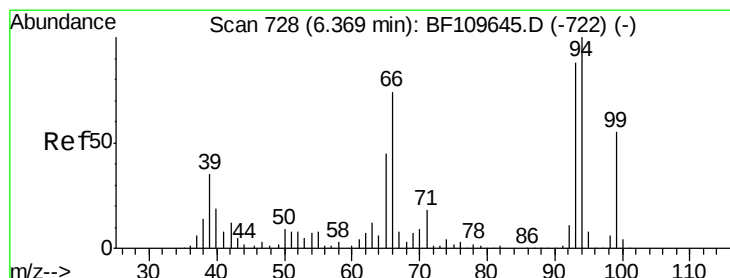
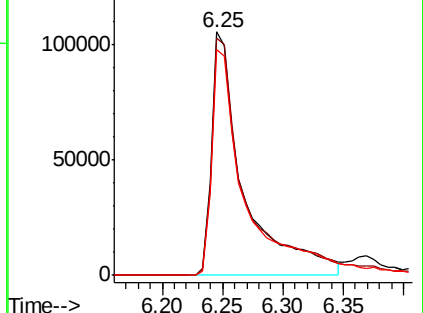
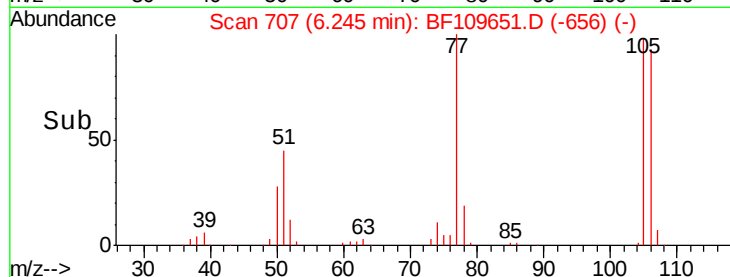
106 92.5 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.605 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

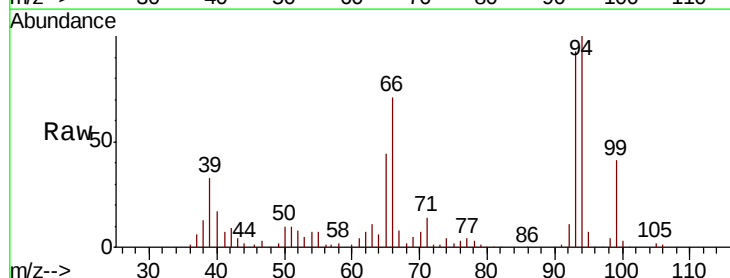
Tgt Ion: 94 Resp: 314359

Ion Ratio Lower Upper

94 100

65 44.4 25.3 65.3

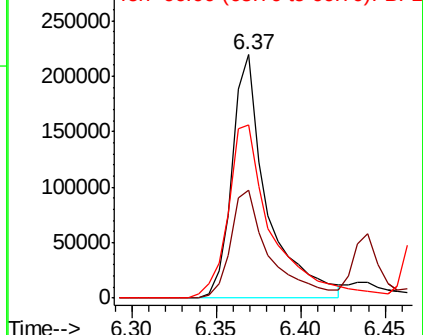
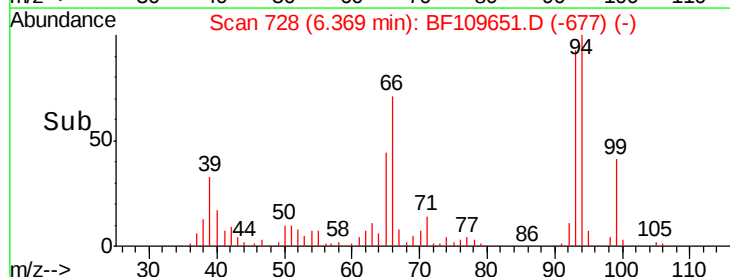
66 71.4 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

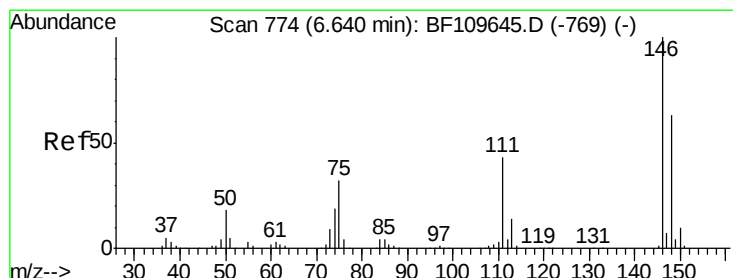
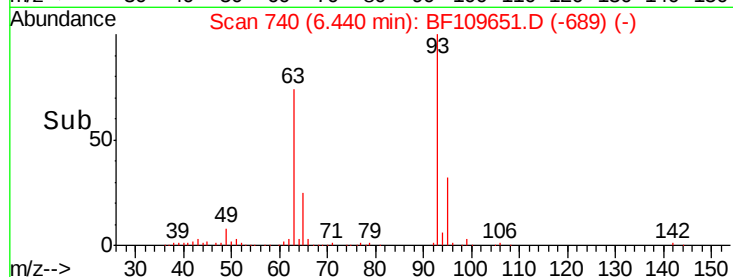
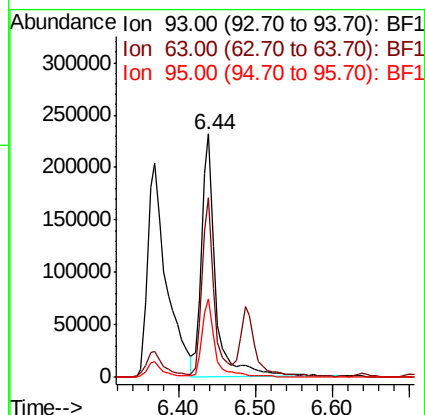
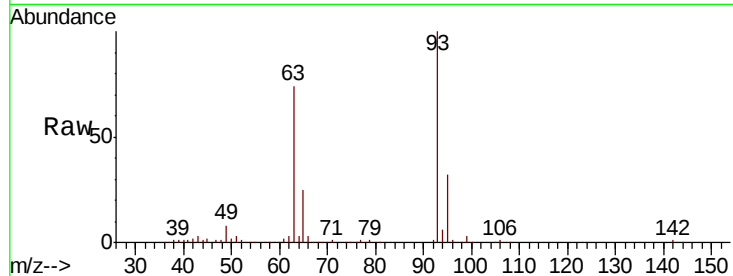




#11  
 bis(2-Chloroethyl)ether  
 Concen: 42.542 ng  
 RT: 6.44 min Scan# 740  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

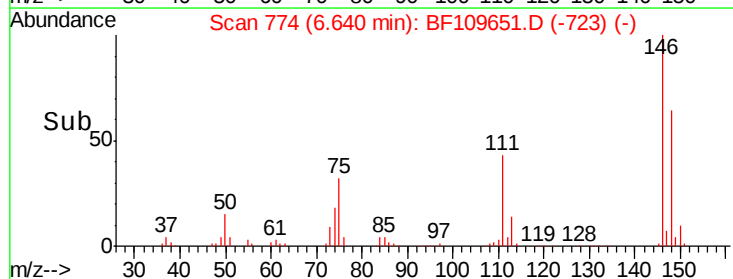
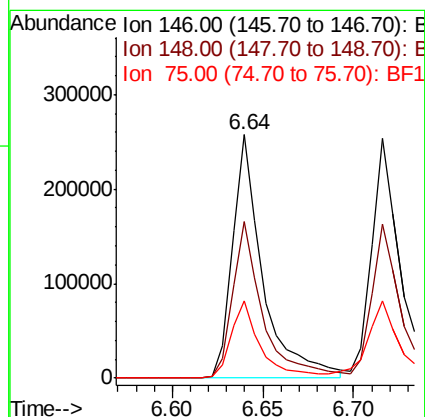
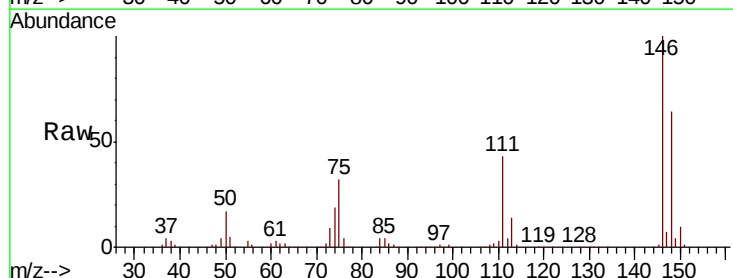
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 93 Resp: 294838  
 Ion Ratio Lower Upper  
 93 100  
 63 73.6 53.4 93.4  
 95 32.1 12.1 52.1



#12  
 1,3-Dichlorobenzene  
 Concen: 39.063 ng  
 RT: 6.64 min Scan# 774  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion: 146 Resp: 299864  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 50.4 75.6  
 75 31.7 25.8 38.6

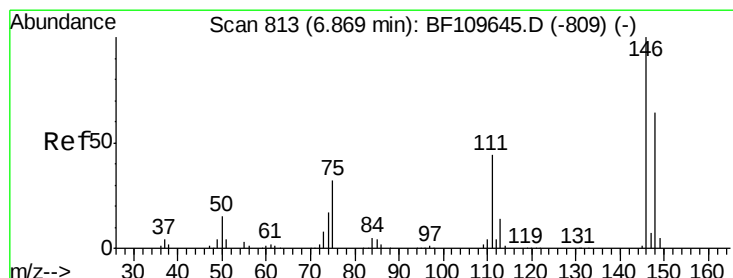
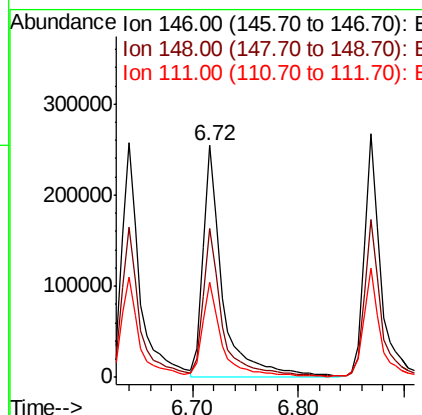
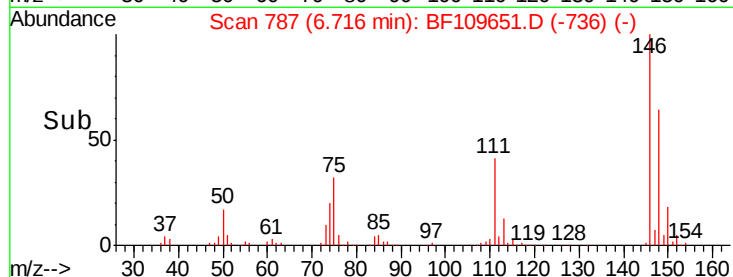
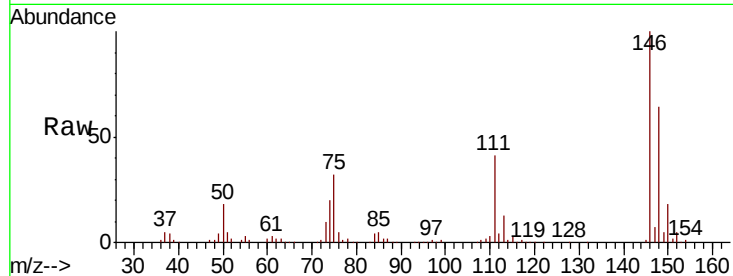




#13  
 1,4-Dichlorobenzene  
 Concen: 38.501 ng  
 RT: 6.72 min Scan# 787  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

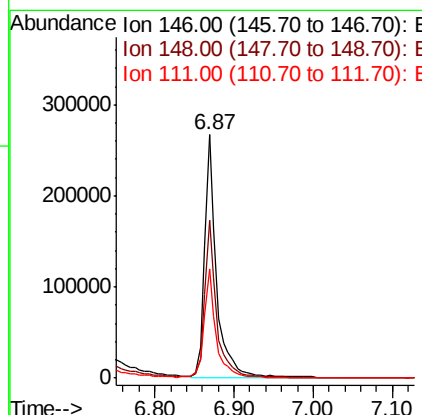
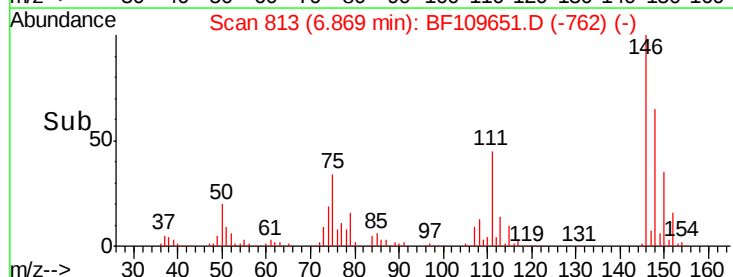
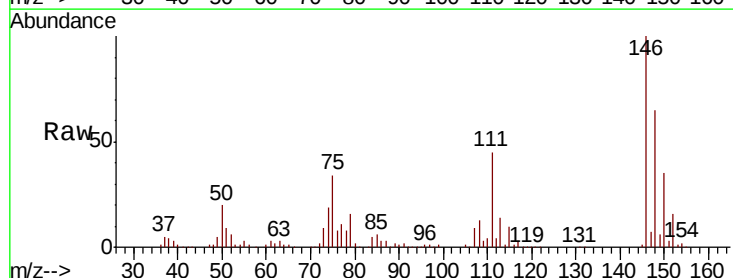
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

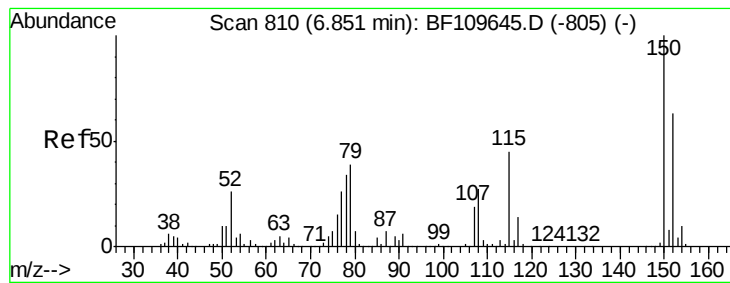
Tgt Ion:146 Resp: 322167  
 Ion Ratio Lower Upper  
 146 100  
 148 64.1 50.3 75.5  
 111 41.1 32.7 49.1



#14  
 1,2-Dichlorobenzene  
 Concen: 39.003 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:146 Resp: 286623  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.1 76.7  
 111 44.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 40.862 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

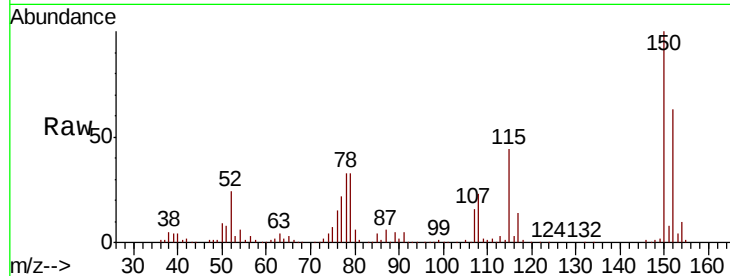
Tgt Ion: 79 Resp: 220845

Ion Ratio Lower Upper

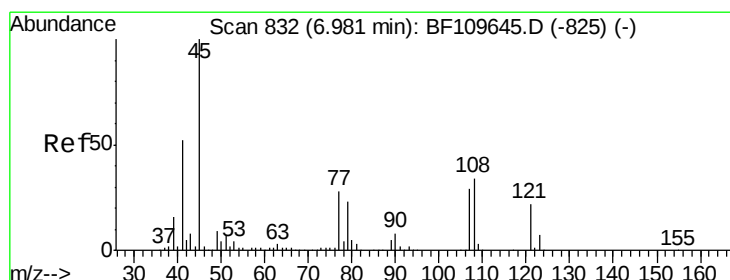
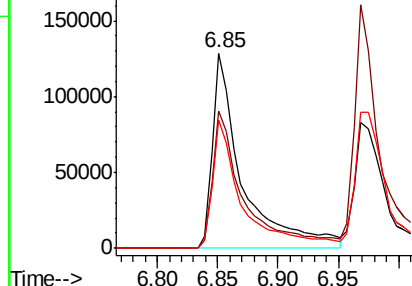
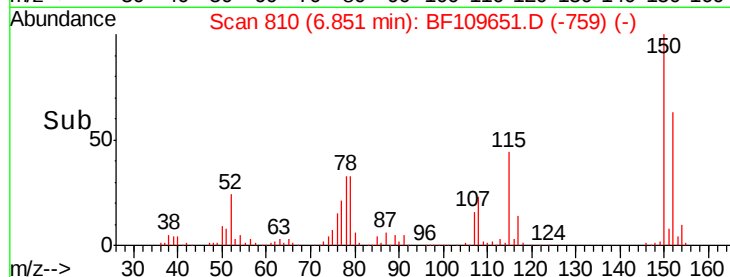
79 100

108 70.3 56.3 84.5

77 65.9 52.9 79.3



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: 38.167 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

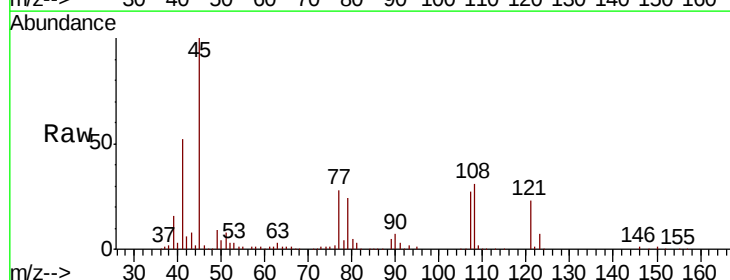
Tgt Ion: 45 Resp: 350740

Ion Ratio Lower Upper

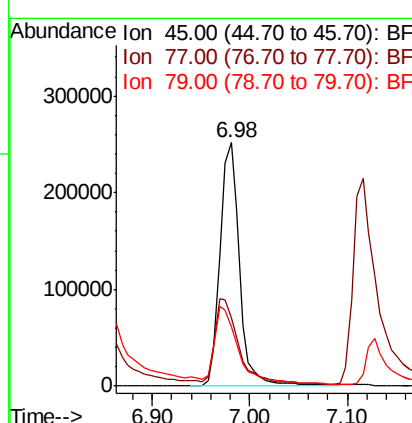
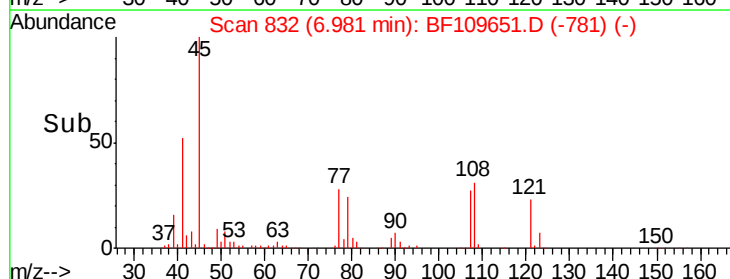
45 100

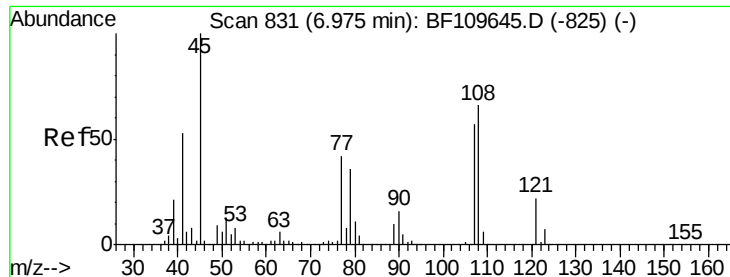
77 27.9 10.0 50.0

79 24.2 6.1 46.1



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

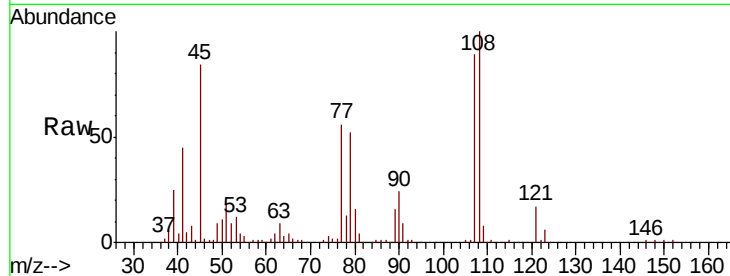




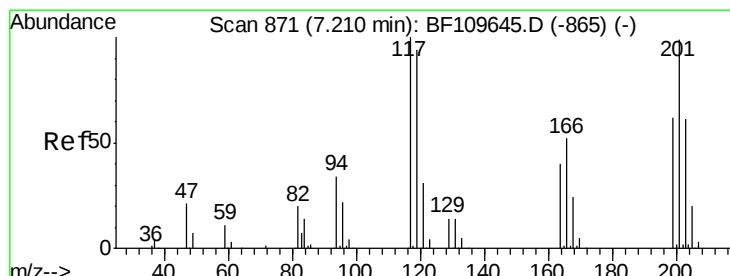
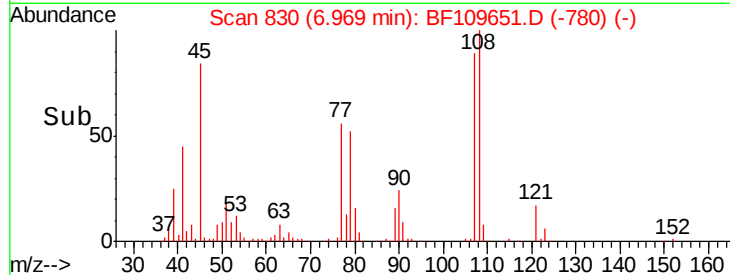
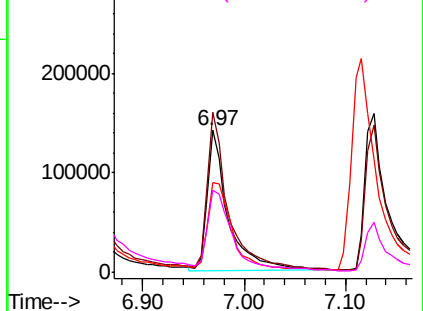
#17  
2-Methylphenol  
Concen: 38.859 ng  
RT: 6.97 min Scan# 830  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 206246 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.8 | 92.6  | 138.8  |
| 77        | 63.3  | 59.4  | 89.2   |
| 79        | 58.3  | 54.0  | 81.0   |

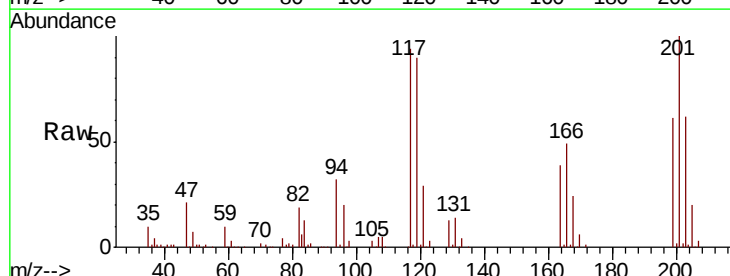


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

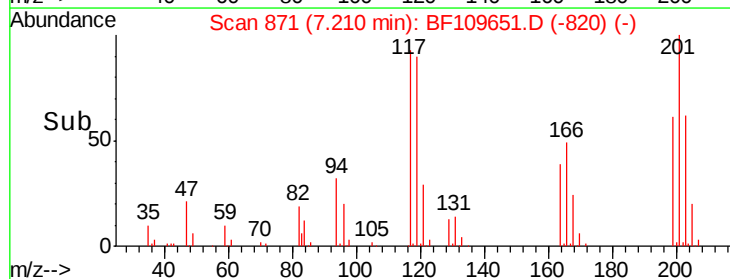
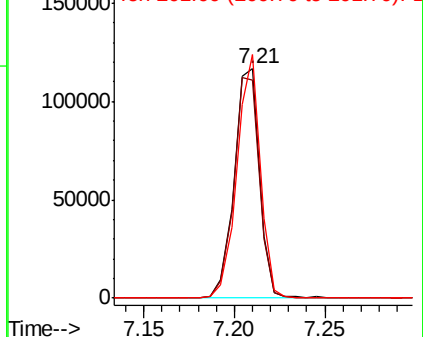


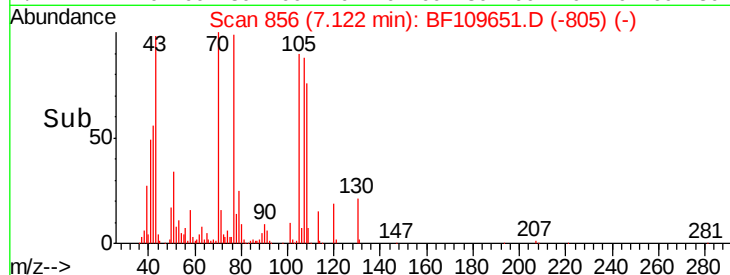
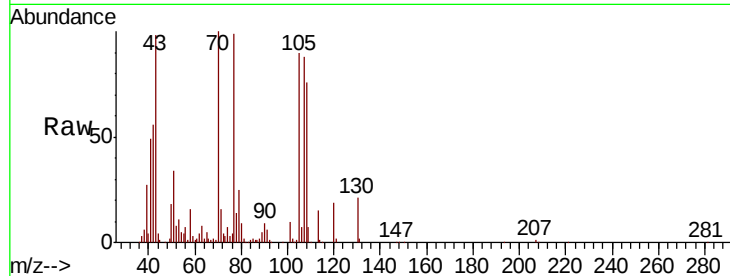
#18  
Hexachloroethane  
Concen: 38.331 ng  
RT: 7.21 min Scan# 871  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 113372 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.3  | 75.0  | 112.6  |
| 201       | 106.2 | 79.2  | 118.8  |



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

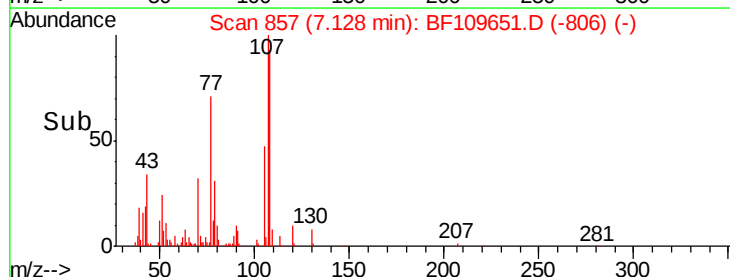
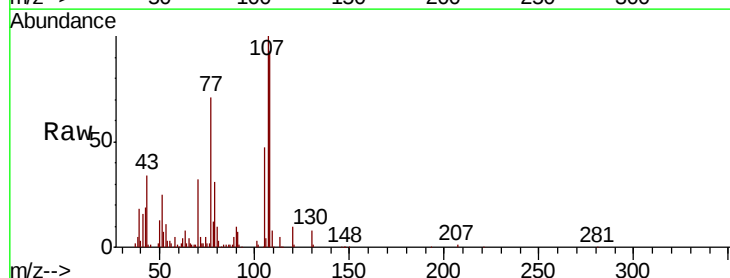
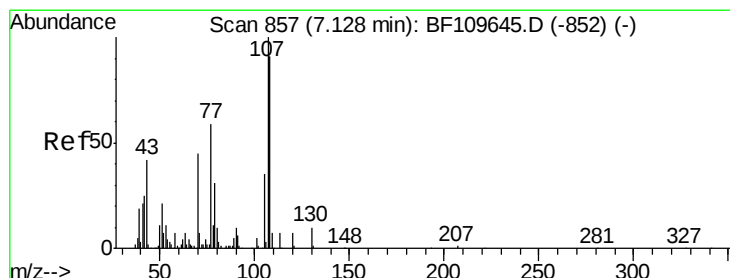
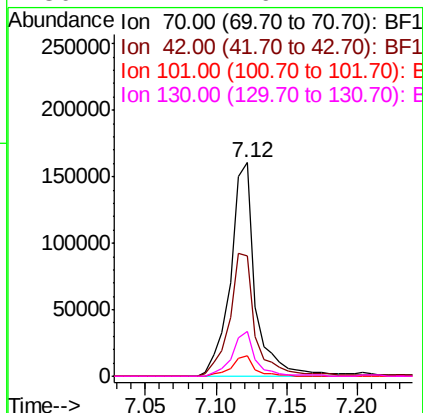




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.632 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

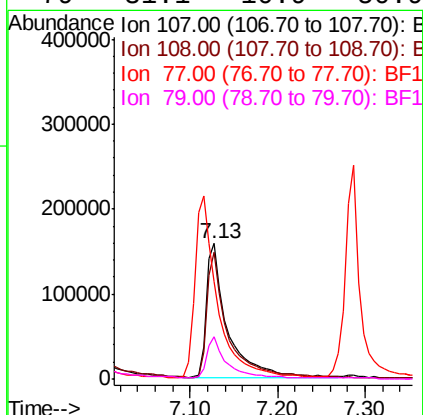
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

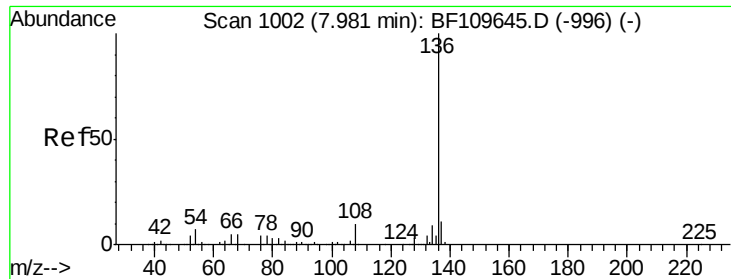
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 197503 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.4  | 47.4  | 71.2   |
| 101      | 9.7   | 7.3   | 10.9   |
| 130      | 21.1  | 16.2  | 24.2   |



#20  
3+4-Methylphenols  
Concen: 40.018 ng  
RT: 7.13 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 261719 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 93.2  | 71.4  | 111.4  |
| 77       | 71.4  | 47.3  | 87.3   |
| 79       | 31.1  | 10.9  | 50.9   |

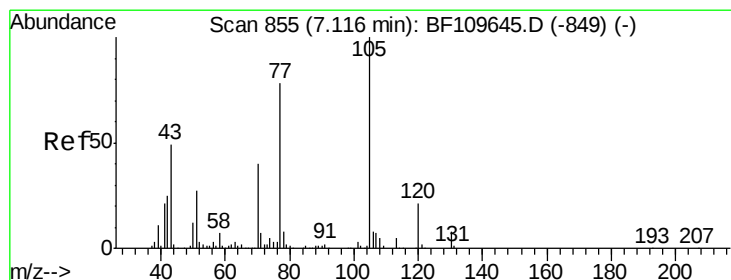
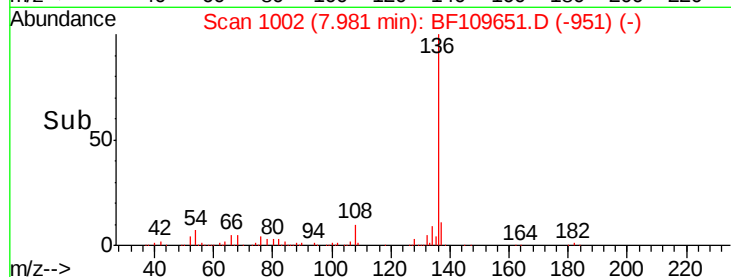
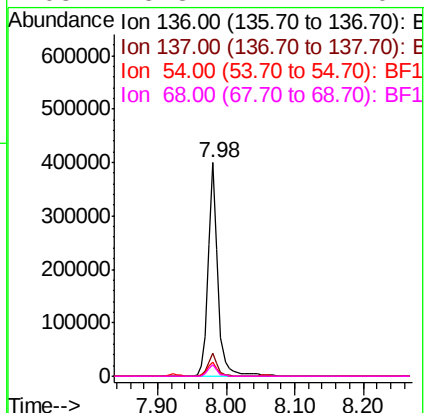
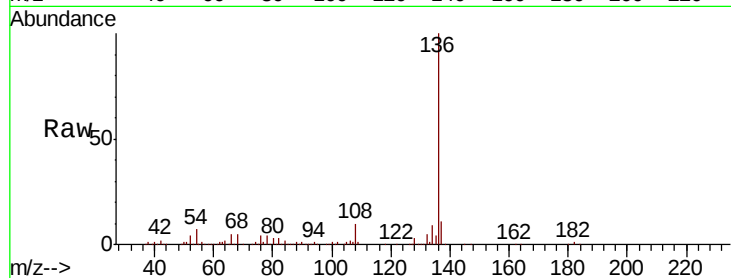




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.98 min Scan# 1002  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

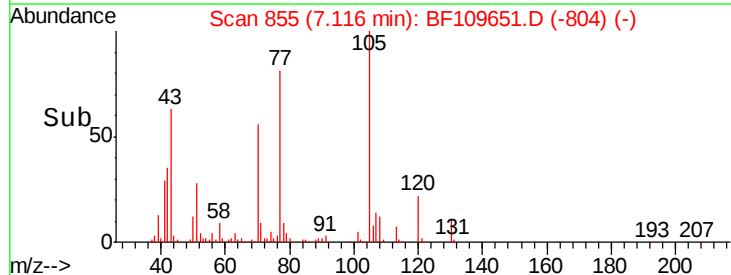
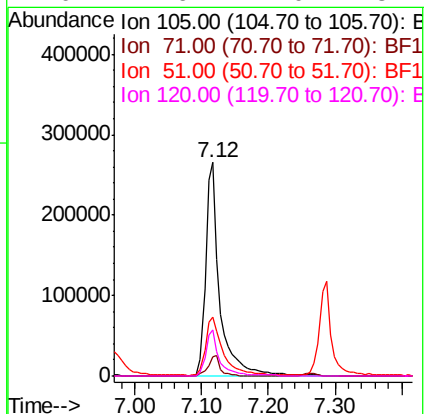
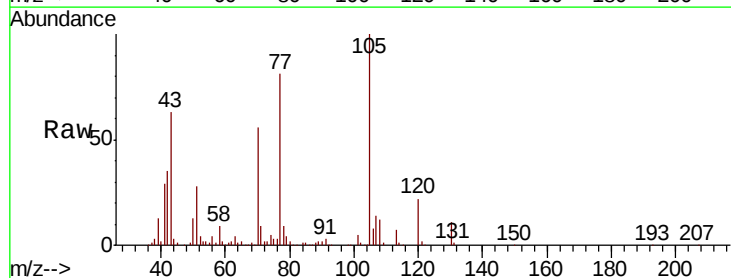
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

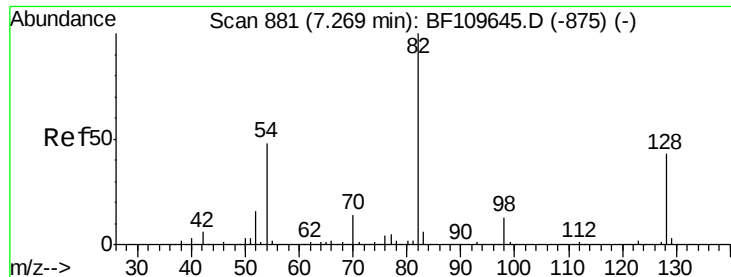
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 405865 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.8   | 13.2   |
| 54       | 6.8   | 5.4   | 8.2    |
| 68       | 5.3   | 4.2   | 6.2    |



#22  
Acetophenone  
Concen: 39.478 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 387461 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 9.2   | 5.2   | 7.8#   |
| 51       | 27.7  | 21.8  | 32.8   |
| 120      | 21.6  | 17.0  | 25.4   |





#23

Nitrobenzene-d5

Concen: 78.792 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

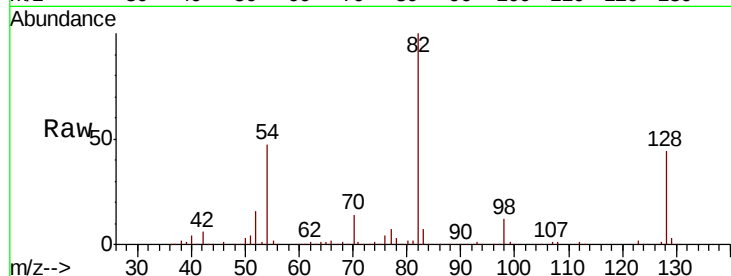
Tgt Ion: 82 Resp: 580131

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.2

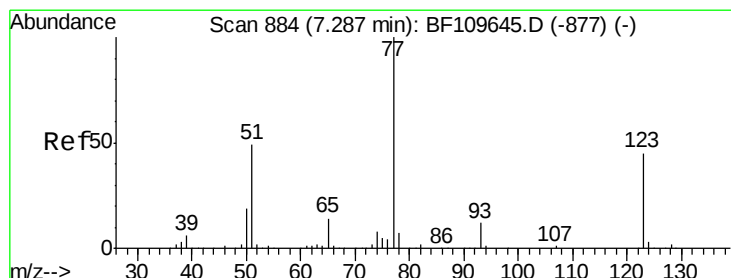
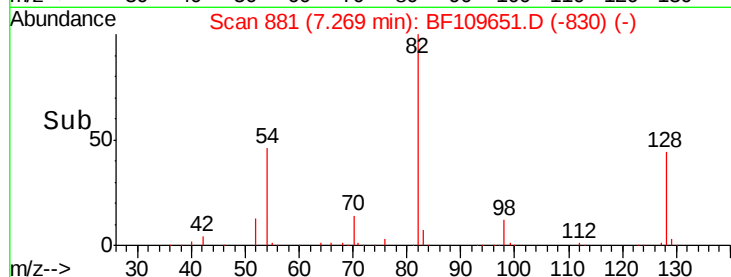
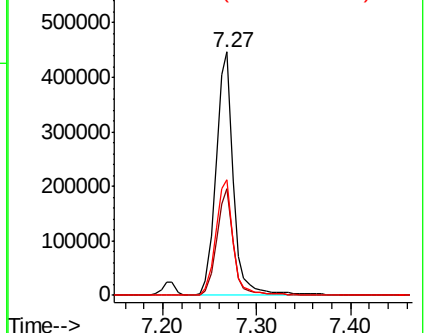
54 47.4 38.6 58.0



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: 40.172 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

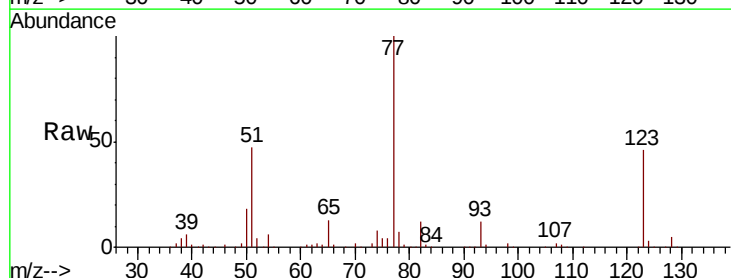
Tgt Ion: 77 Resp: 307775

Ion Ratio Lower Upper

77 100

123 46.4 35.7 53.5

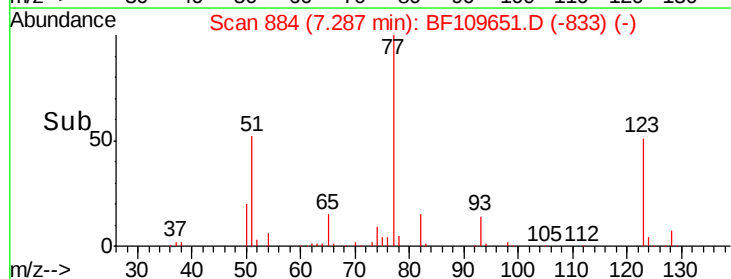
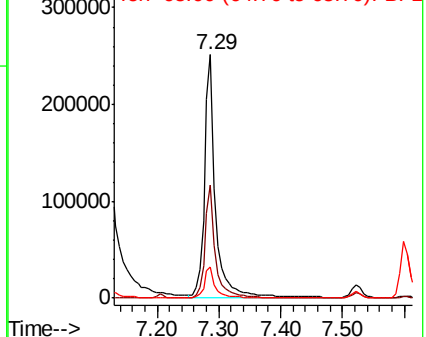
65 13.0 10.7 16.1



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: 38.364 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

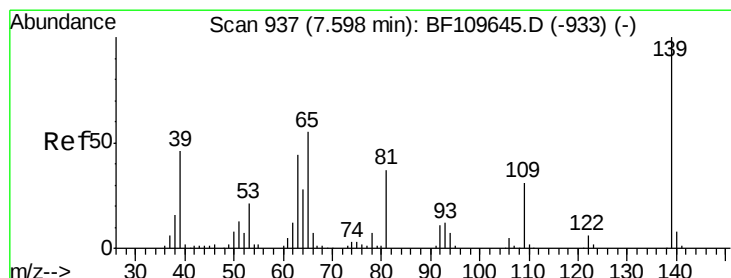
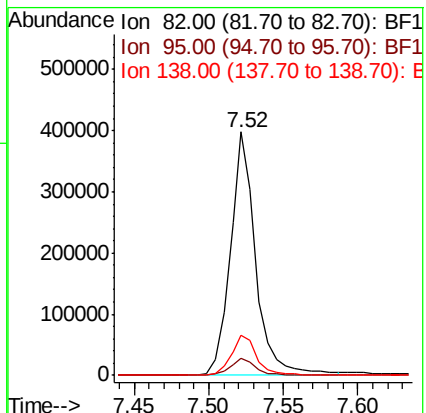
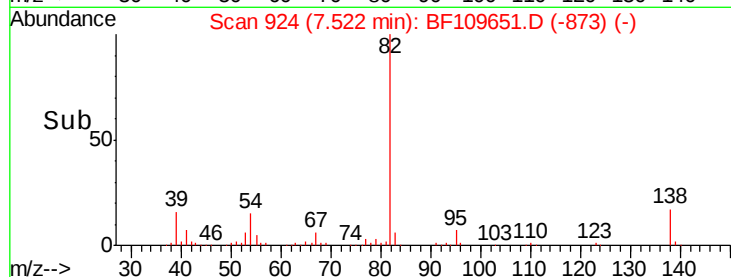
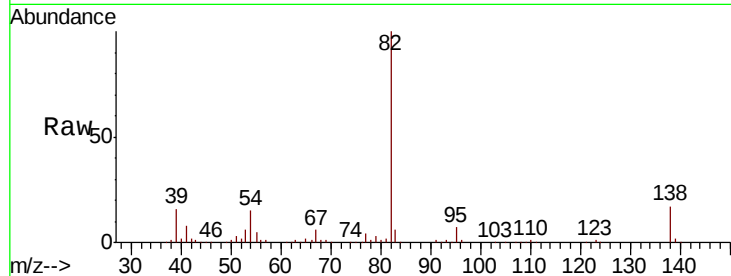
Tgt Ion: 82 Resp: 469053

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 16.7 13.2 19.8



#26

2-Nitrophenol

Concen: 40.817 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

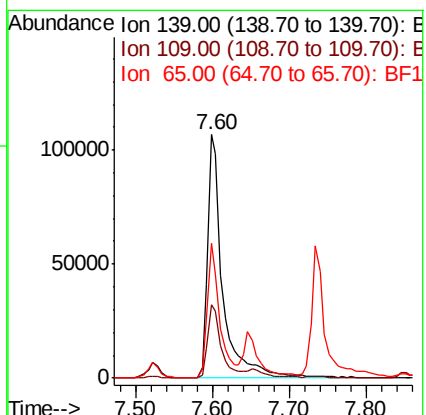
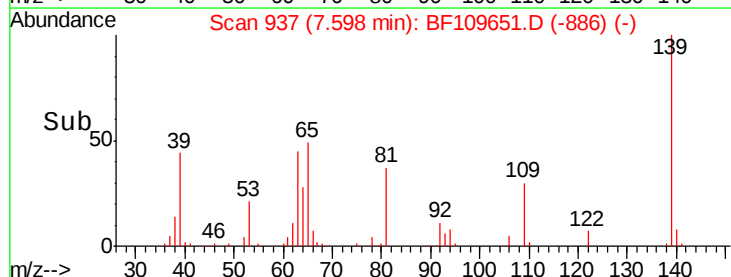
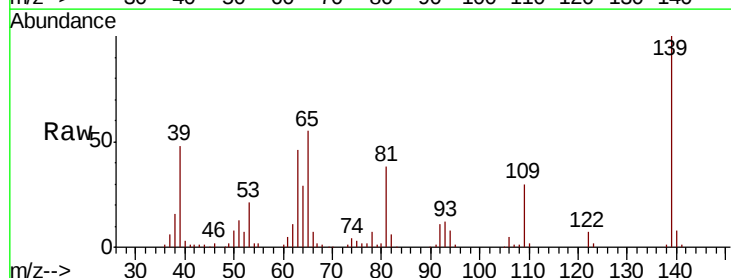
Tgt Ion: 139 Resp: 146272

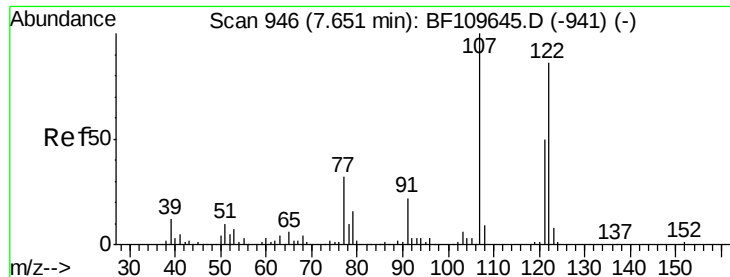
Ion Ratio Lower Upper

139 100

109 30.4 25.0 37.6

65 55.2 44.0 66.0

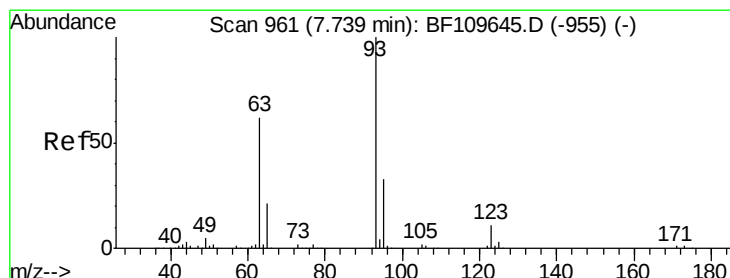
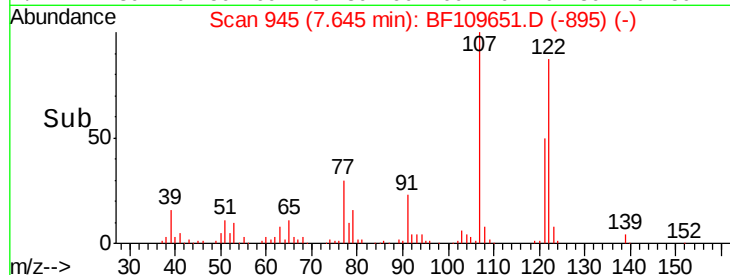
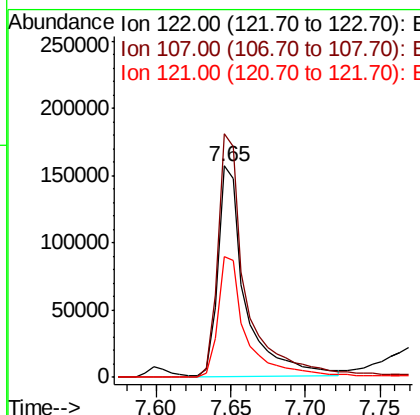
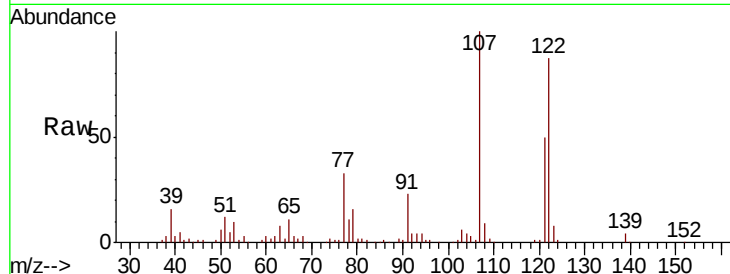




#27  
 2,4-Dimethylphenol  
 Concen: 39.206 ng  
 RT: 7.65 min Scan# 945  
 Delta R.T. -0.01 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

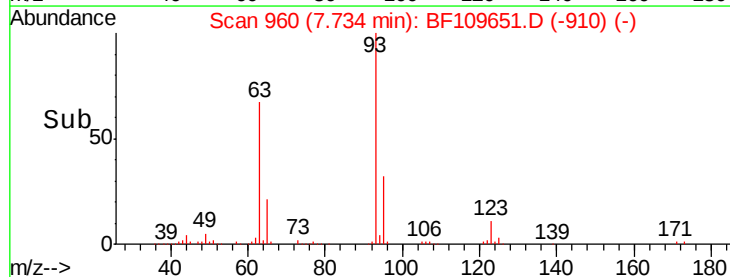
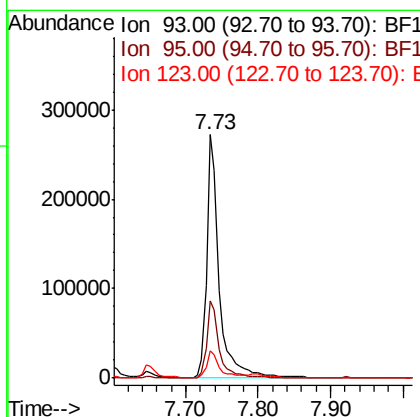
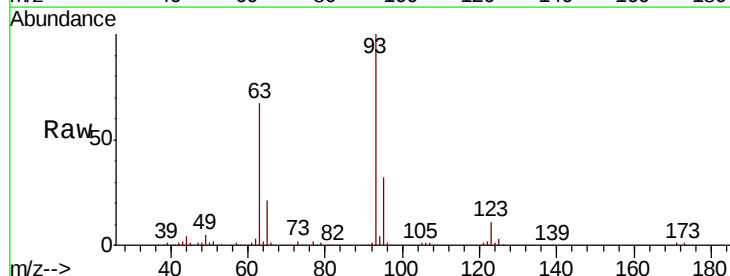
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

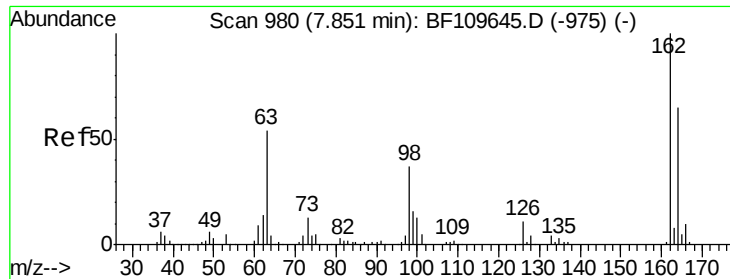
Tgt Ion: 122 Resp: 202888  
 Ion Ratio Lower Upper  
 122 100  
 107 115.4 92.5 138.7  
 121 57.3 45.8 68.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.085 ng  
 RT: 7.73 min Scan# 960  
 Delta R.T. -0.01 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion: 93 Resp: 323231  
 Ion Ratio Lower Upper  
 93 100  
 95 31.8 26.4 39.6  
 123 11.1 9.0 13.6

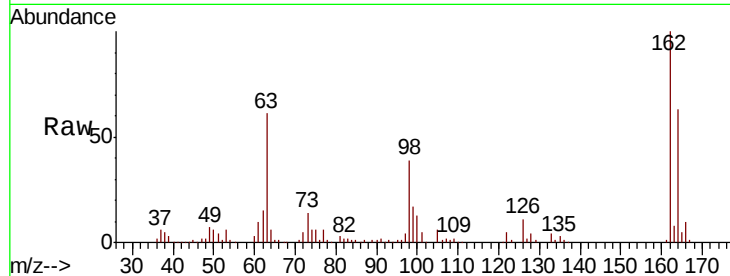




#29  
2,4-Dichlorophenol  
Concen: 40.448 ng  
RT: 7.85 min Scan# 979  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.5  | 44.6  | 84.6  |
| 98      | 38.7  | 17.4  | 57.4  |

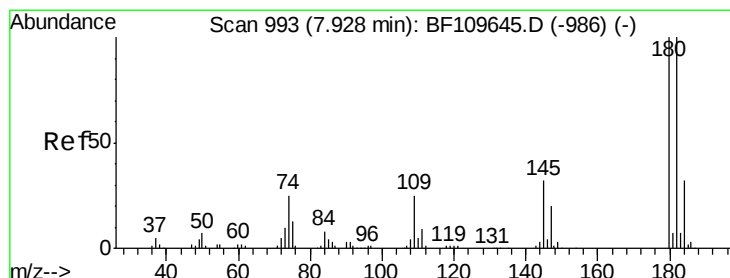
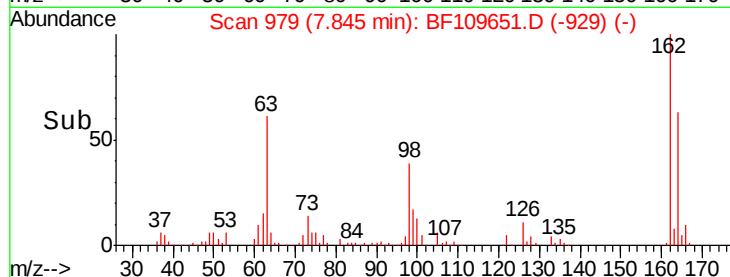
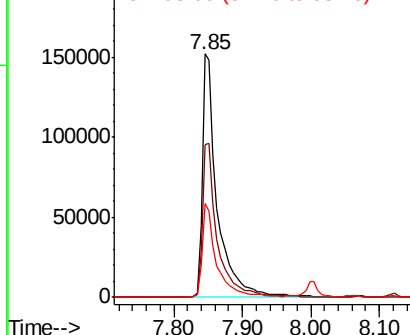


Abundance

Ion 162.00 (161.70 to 162.70): E

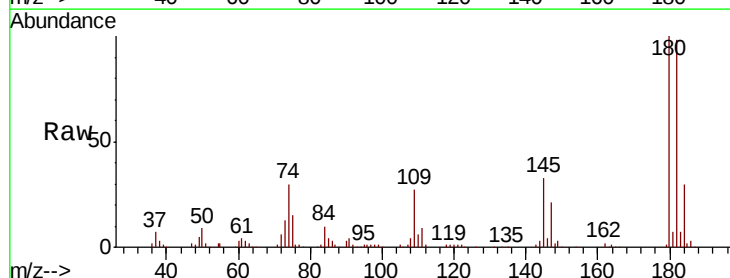
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 39.723 ng  
RT: 7.92 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.4  | 80.3  | 120.5 |
| 145     | 33.0  | 25.4  | 38.0  |

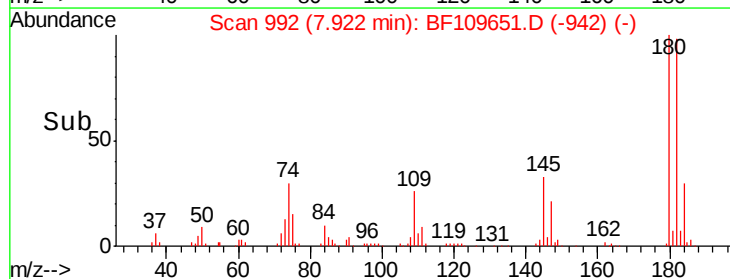
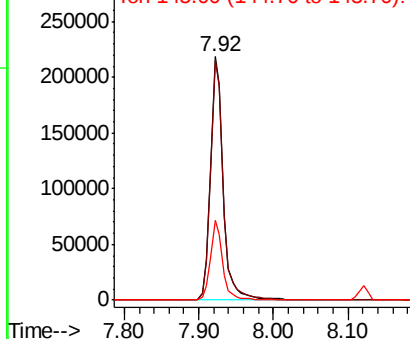


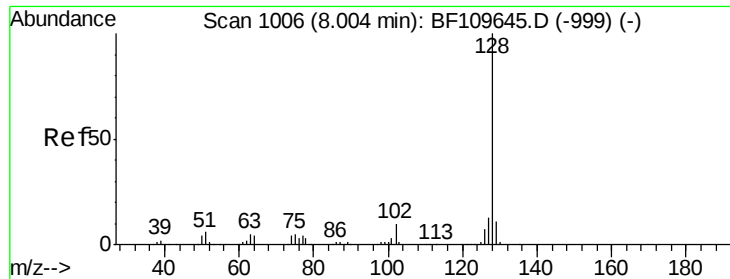
Abundance

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

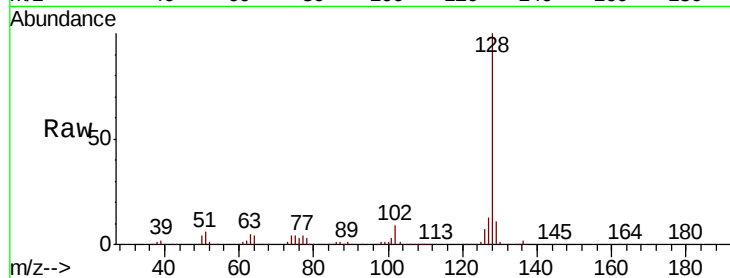




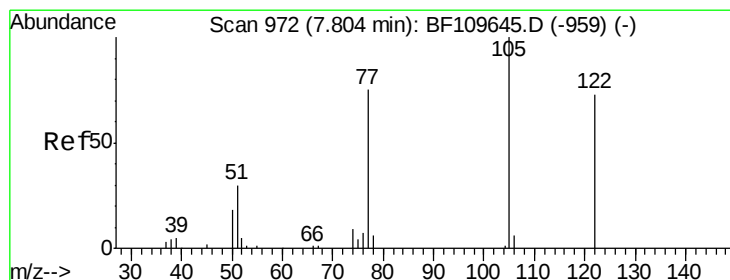
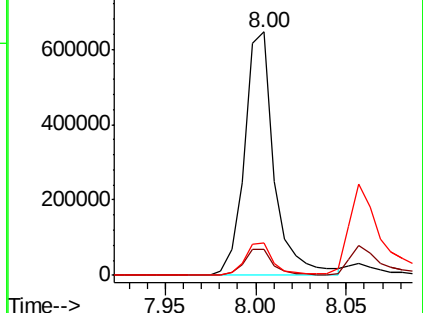
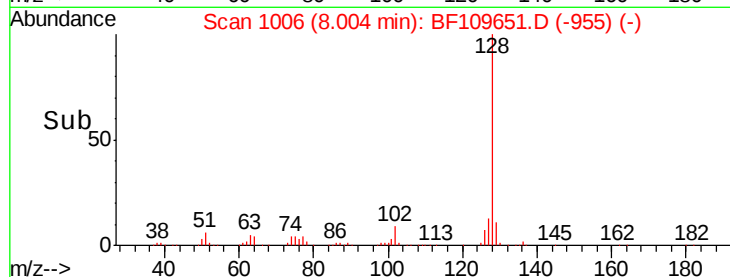
#31  
Naphthalene  
Concen: 38.988 ng  
RT: 8.00 min Scan# 1006  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 8.8   | 13.2  |
| 127     | 13.3  | 10.8  | 16.2  |

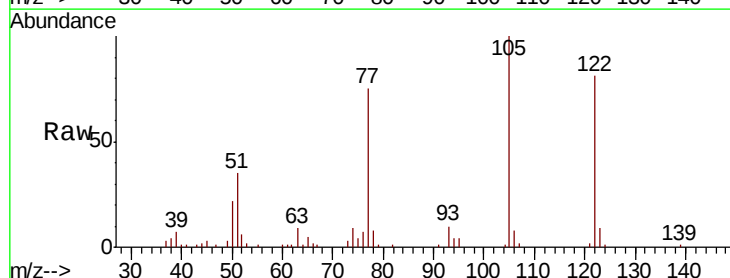


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

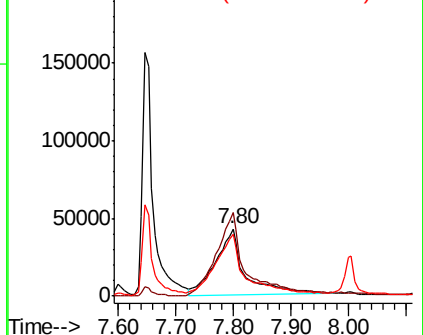
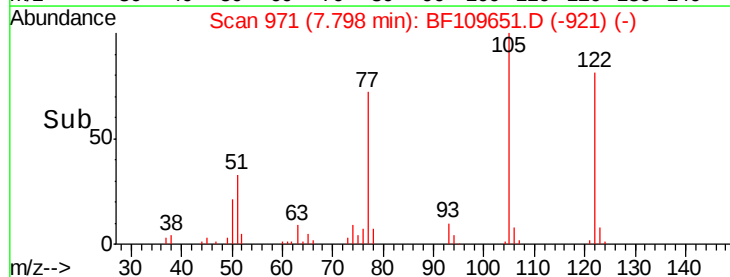


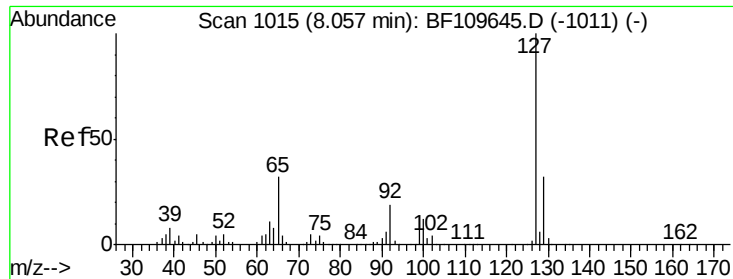
#32  
Benzoic acid  
Concen: 40.605 ng  
RT: 7.80 min Scan# 971  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.6 | 109.0 | 149.0 |
| 77      | 92.4  | 79.0  | 119.0 |



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

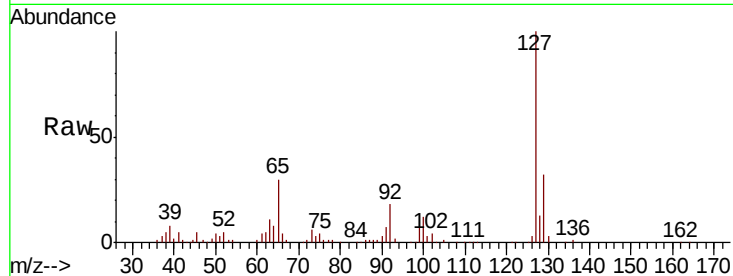




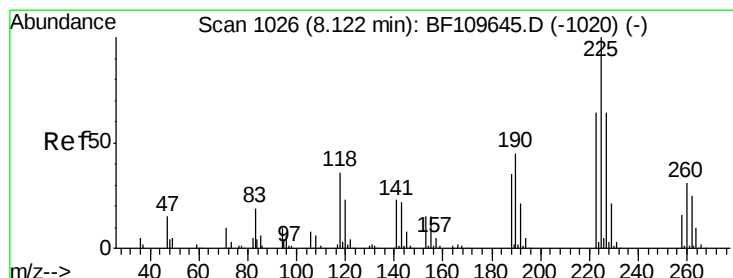
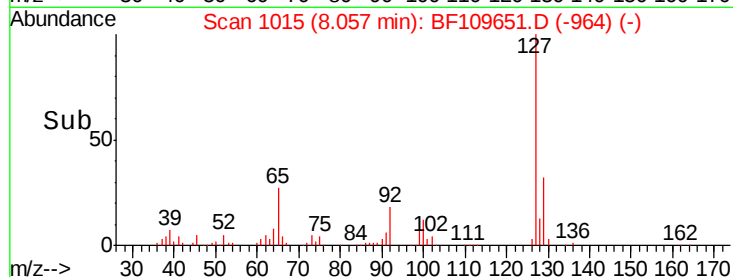
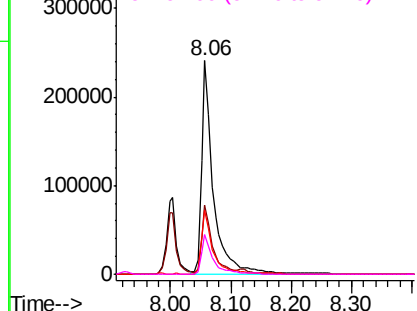
#33  
4-Chloroaniline  
Concen: 39.826 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 329191 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.0  | 39.0   |
| 65       | 30.1  | 25.1  | 37.7   |
| 92       | 18.5  | 15.0  | 22.6   |

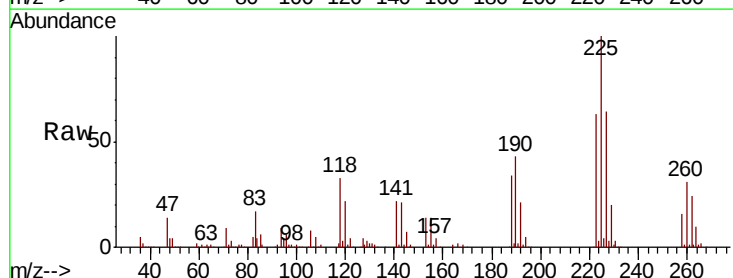


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

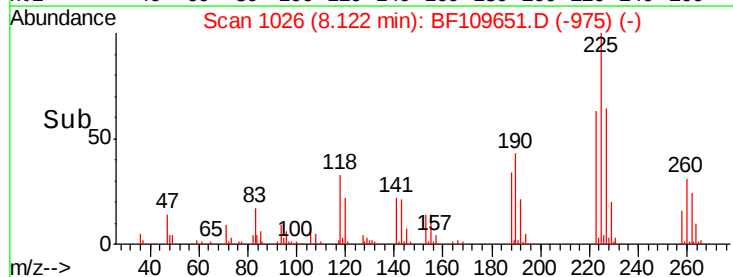
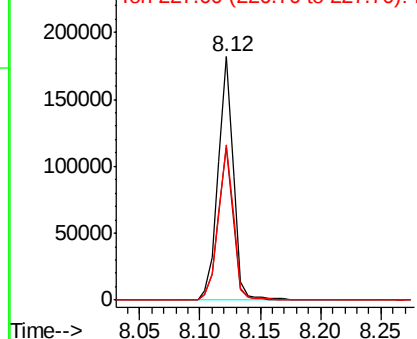


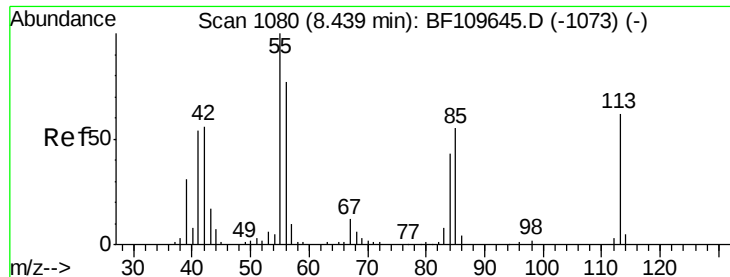
#34  
Hexachlorobutadiene  
Concen: 39.199 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 156610 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 51.4  | 77.2   |
| 227      | 63.7  | 51.0  | 76.6   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

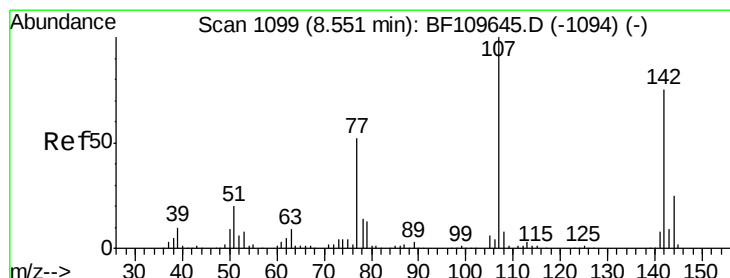
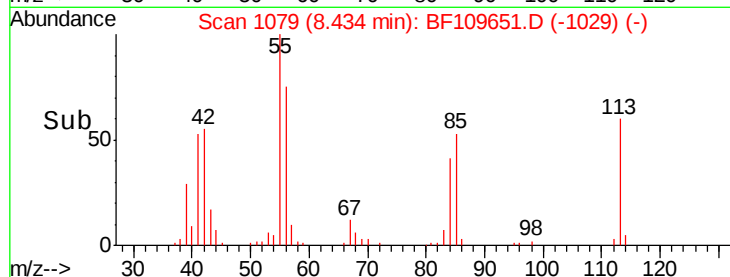
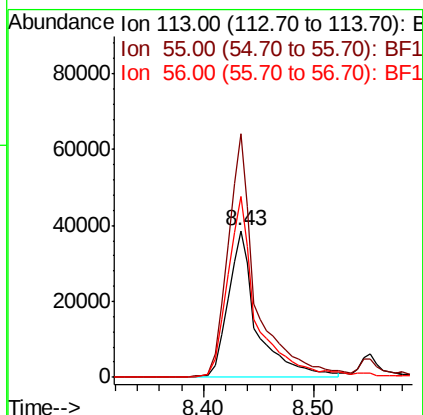
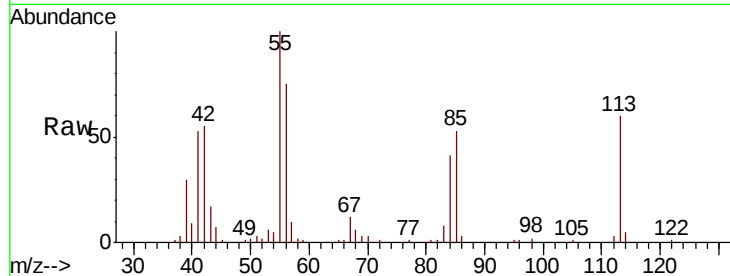




#35  
 Caprolactam  
 Concen: 40.668 ng  
 RT: 8.43 min Scan# 1079  
 Delta R.T. -0.01 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

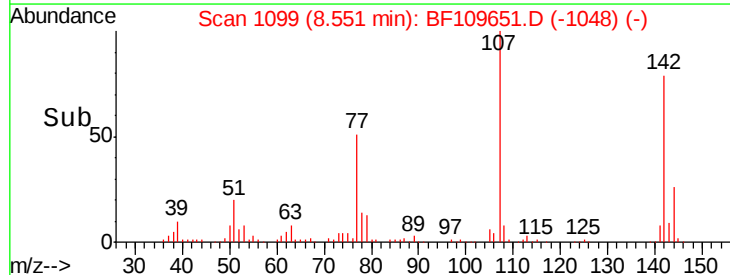
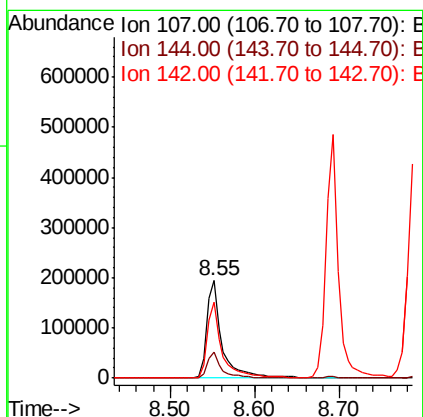
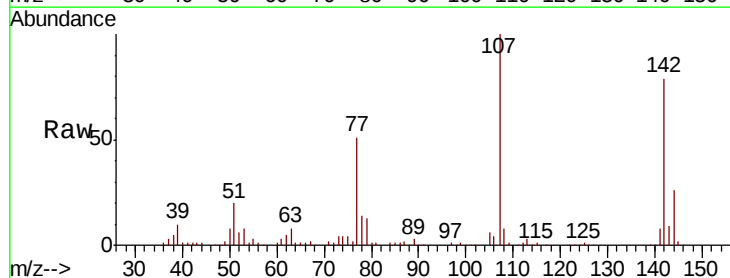
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

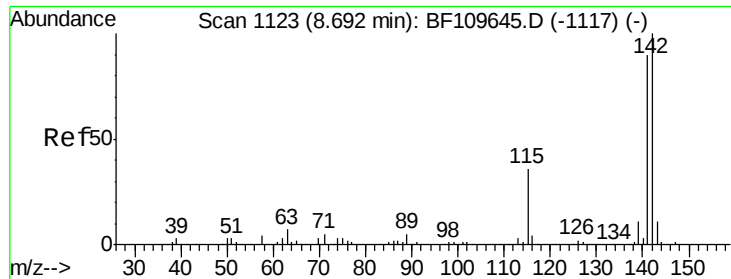
Tgt Ion:113 Resp: 70498  
 Ion Ratio Lower Upper  
 113 100  
 55 166.1 142.8 182.8  
 56 123.9 105.0 145.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.948 ng  
 RT: 8.55 min Scan# 1099  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:107 Resp: 244773  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 20.0 30.0  
 142 78.6 59.7 89.5

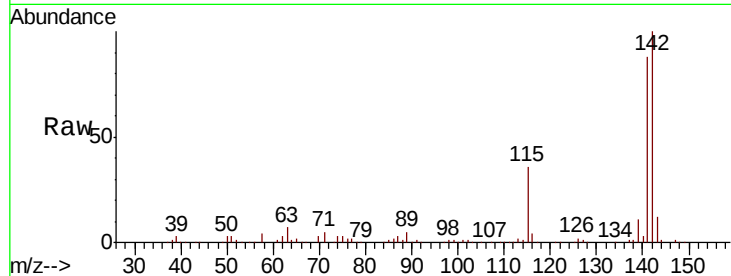




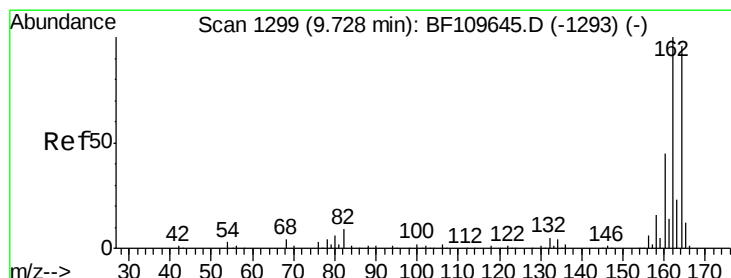
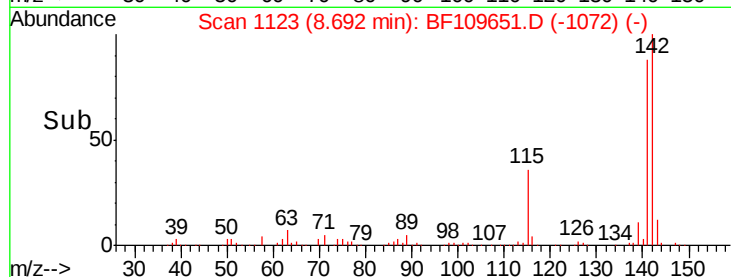
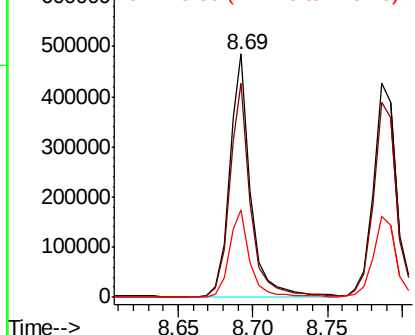
#37  
 2-Methylnaphthalene  
 Concen: 39.135 ng  
 RT: 8.69 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:142 Resp: 481173  
 Ion Ratio Lower Upper  
 142 100  
 141 88.2 71.4 107.2  
 115 35.8 28.7 43.1

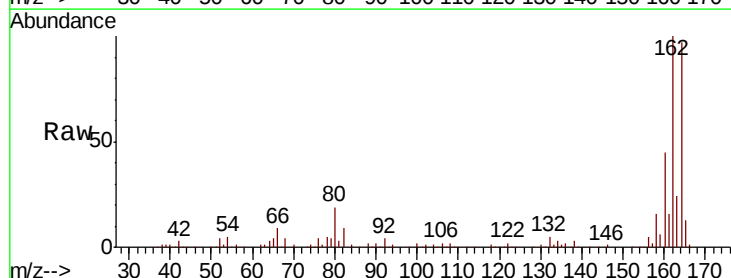


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

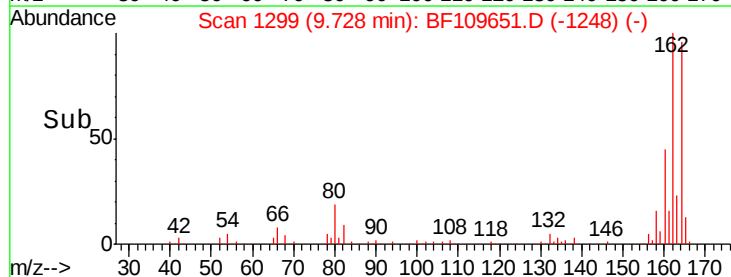
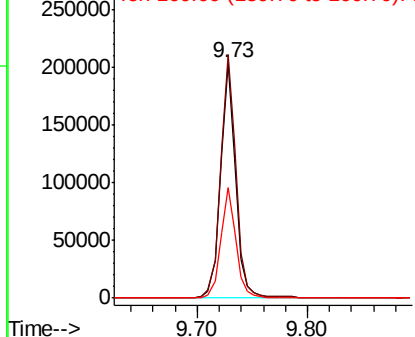


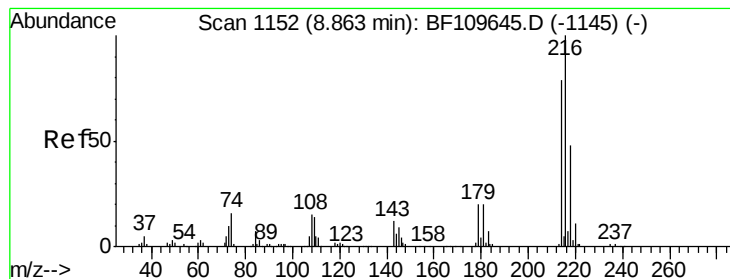
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.73 min Scan# 1299  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:164 Resp: 194532  
 Ion Ratio Lower Upper  
 164 100  
 162 103.6 83.0 124.6  
 160 47.0 37.0 55.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.228 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 259762

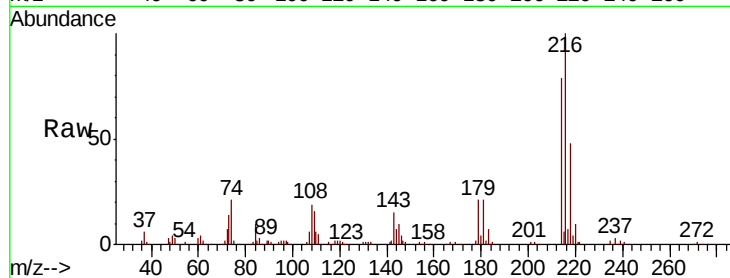
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.8 16.6 25.0

108 19.2 15.1 22.7

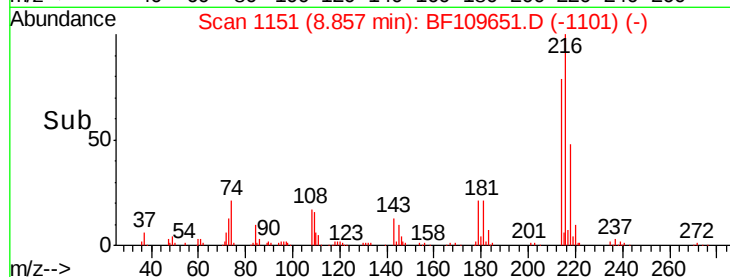
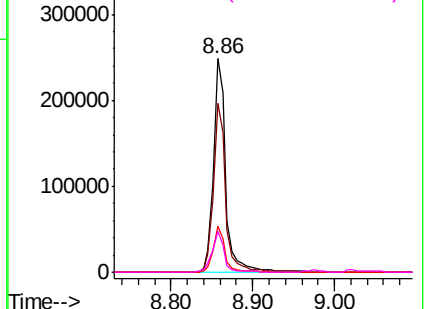


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 37.795 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

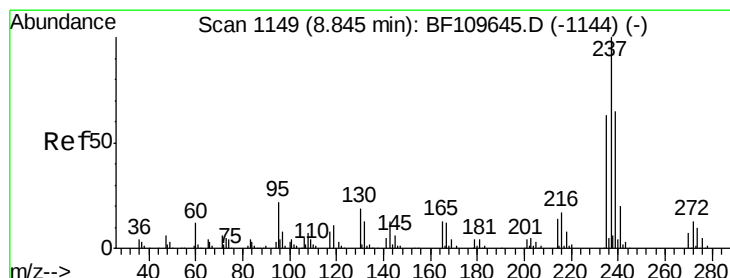
Tgt Ion:237 Resp: 97478

Ion Ratio Lower Upper

237 100

235 62.7 43.1 83.1

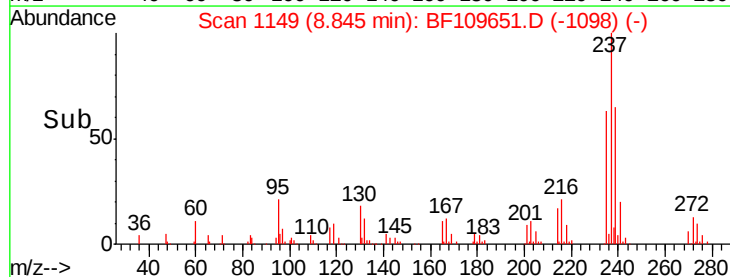
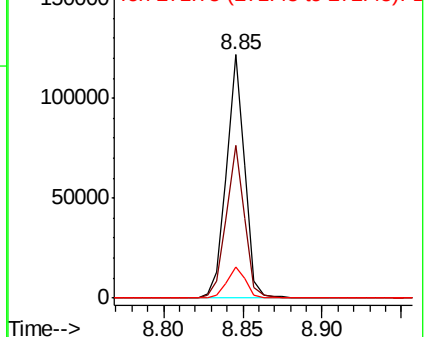
272 12.7 0.0 32.6



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

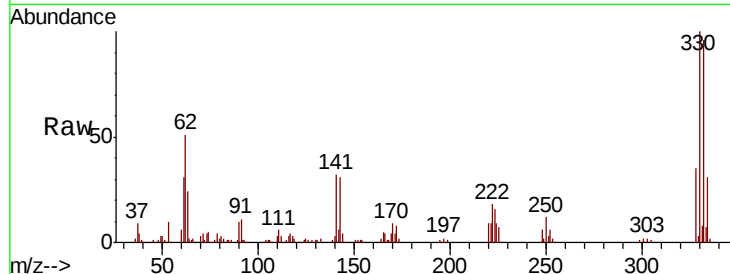




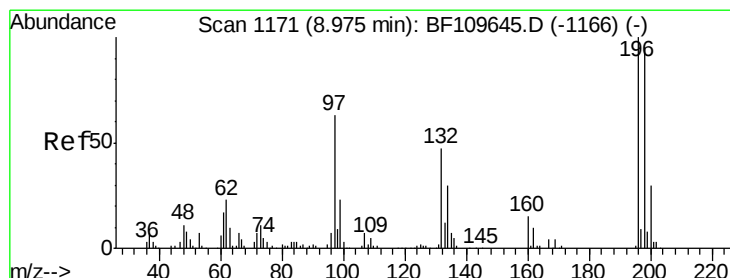
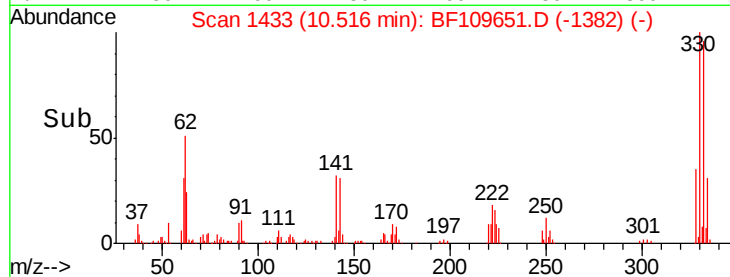
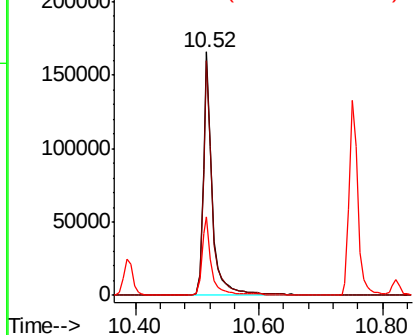
#41  
 2,4,6-Tribromophenol  
 Concen: 80.929 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

Tgt Ion:330 Resp: 171541  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 77.1 115.7  
 141 33.0 27.0 40.4

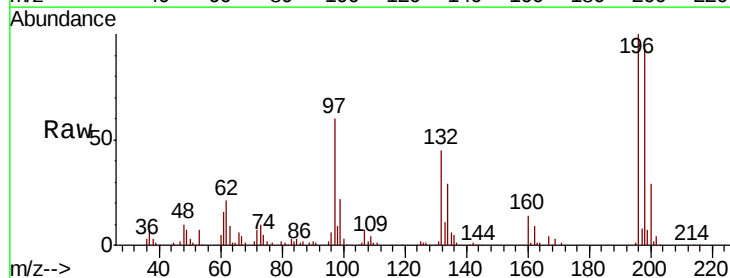


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

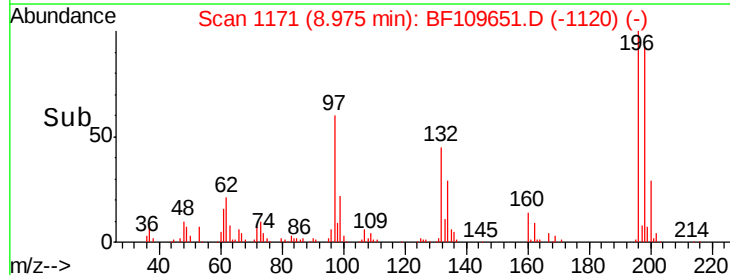
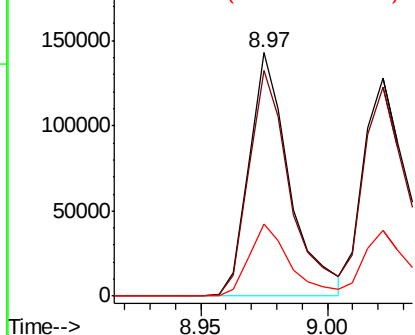


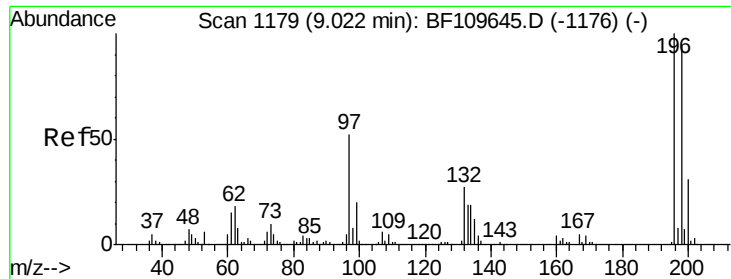
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.240 ng  
 RT: 8.97 min Scan# 1171  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:196 Resp: 159294  
 Ion Ratio Lower Upper  
 196 100  
 198 92.8 76.2 114.4  
 200 29.5 24.4 36.6



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

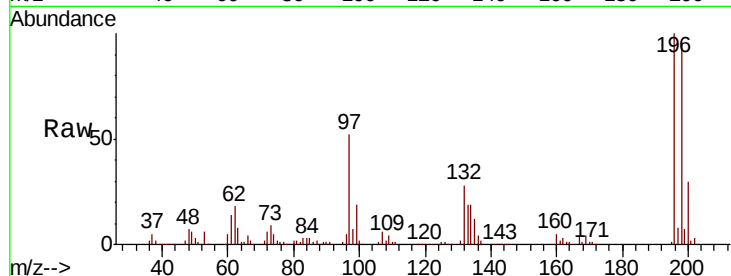




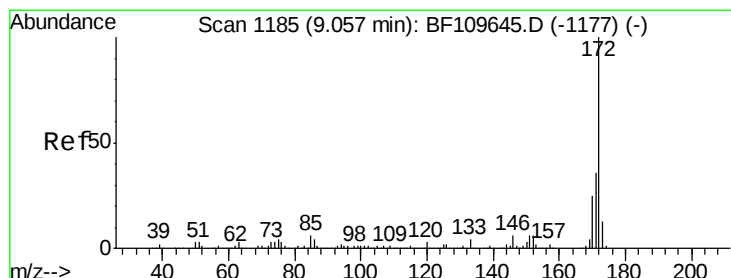
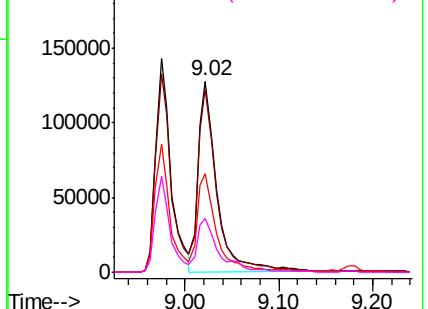
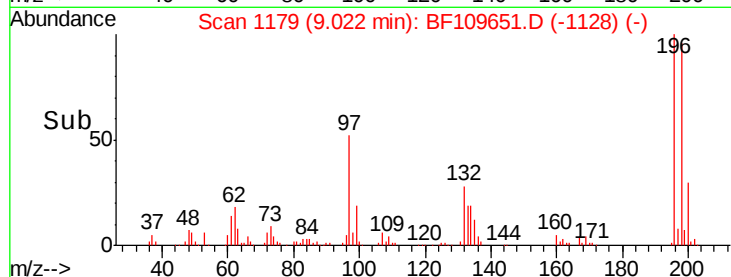
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.029 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 177643  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 75.8 113.6  
 97 51.7 42.4 63.6  
 132 28.4 22.8 34.2

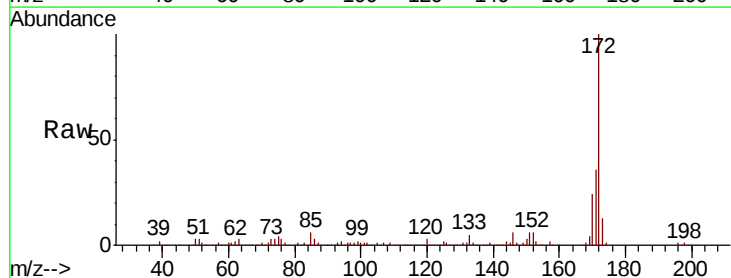


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

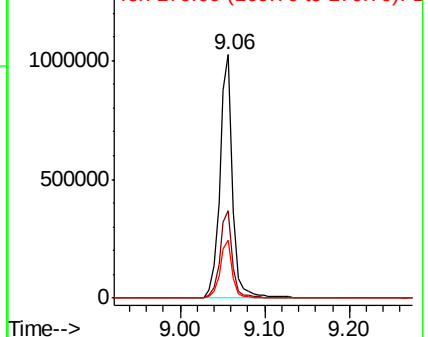
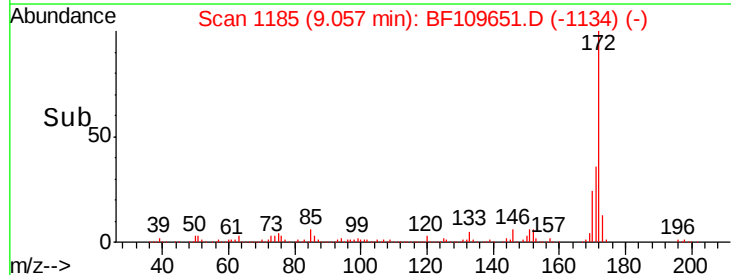


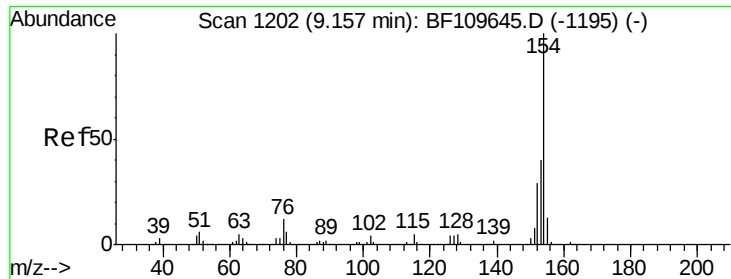
#44  
 2-Fluorobiphenyl  
 Concen: 77.203 ng  
 RT: 9.06 min Scan# 1185  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:172 Resp: 1090462  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.6 43.0  
 170 23.9 19.7 29.5



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

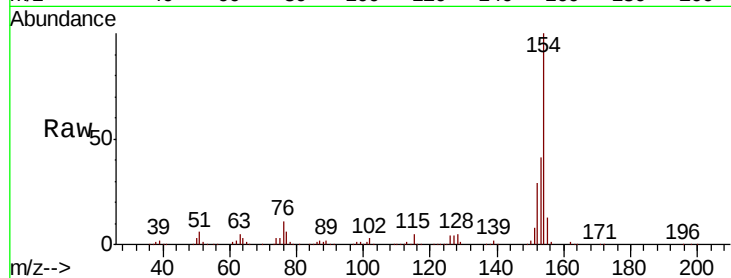




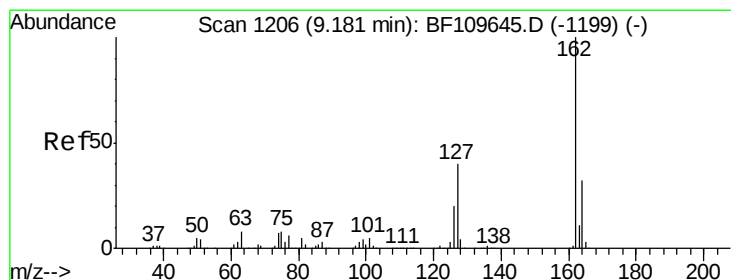
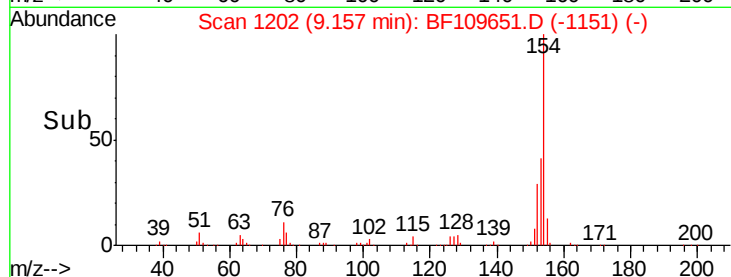
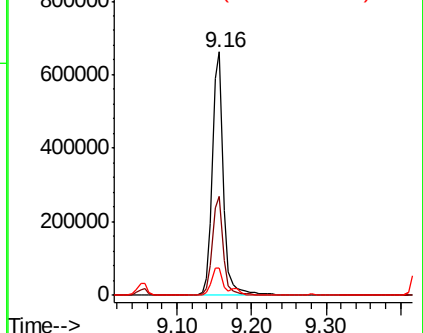
#45  
 1,1'-Biphenyl  
 Concen: 39.106 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:154 Resp: 679611  
 Ion Ratio Lower Upper  
 154 100  
 153 40.7 20.4 60.4  
 76 11.2 0.0 31.9

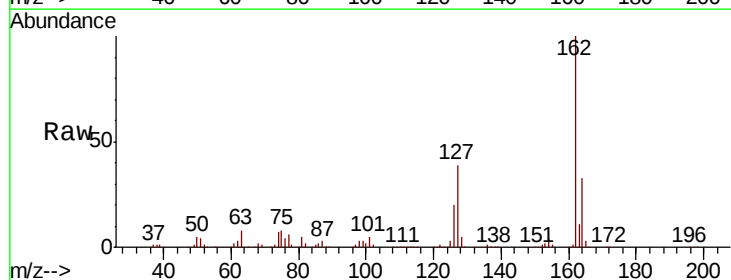


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

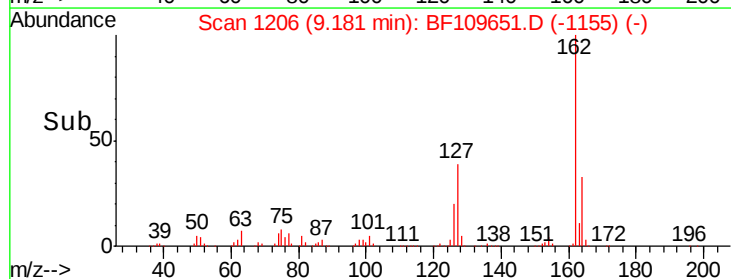
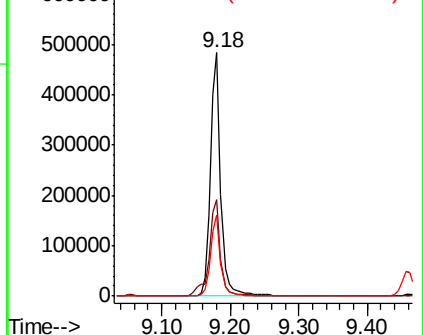


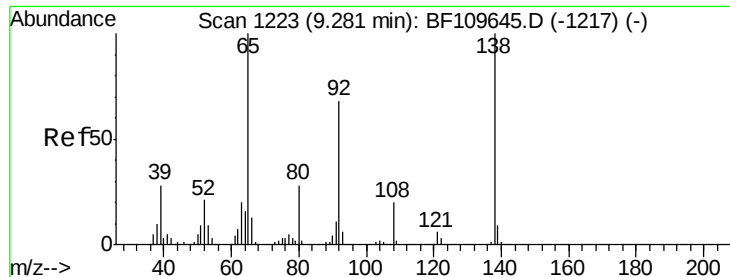
#46  
 2-Chloronaphthalene  
 Concen: 39.151 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:162 Resp: 509745  
 Ion Ratio Lower Upper  
 162 100  
 127 39.4 32.6 48.8  
 164 33.1 25.9 38.9



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

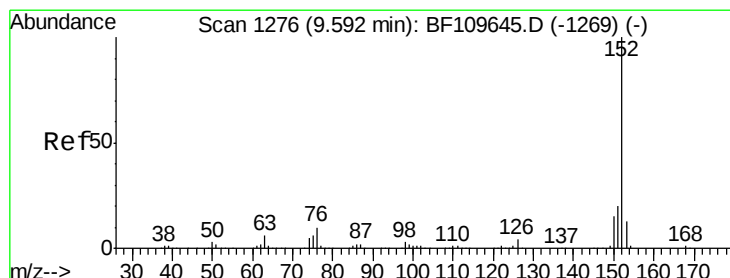
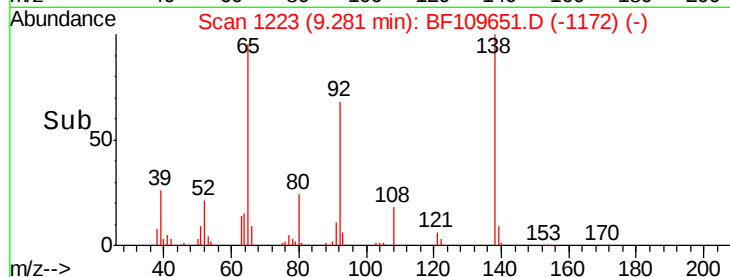
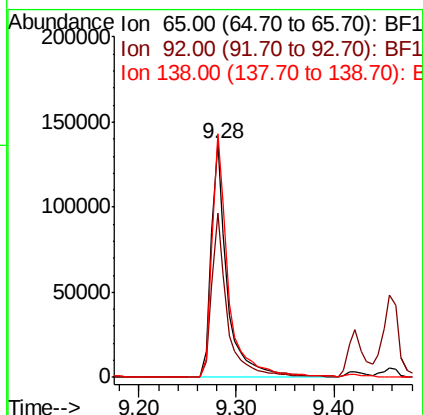
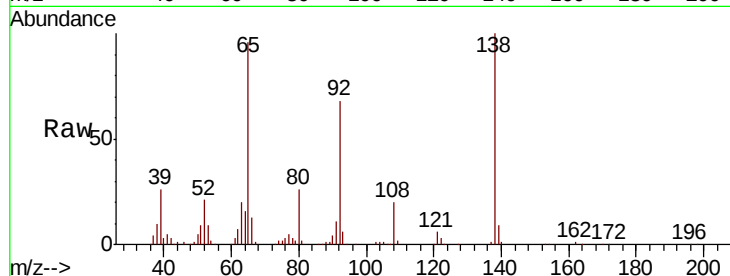




#47  
2-Nitroaniline  
Concen: 39.736 ng  
RT: 9.28 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

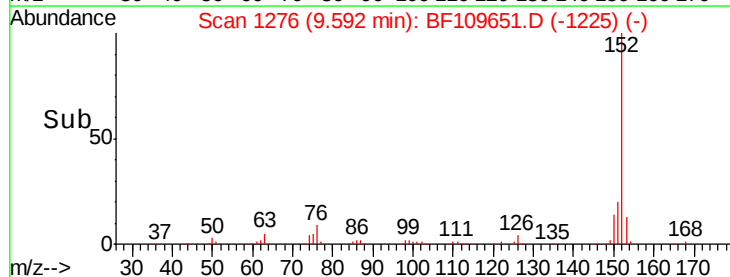
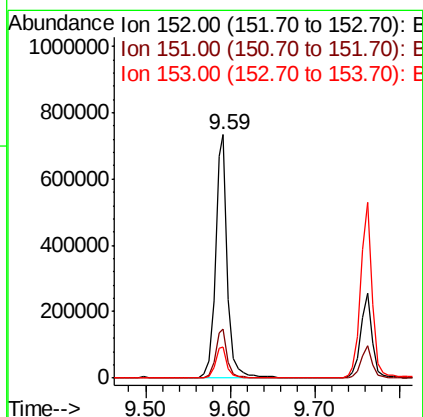
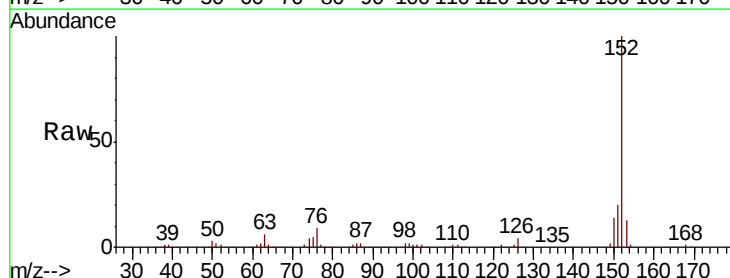
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

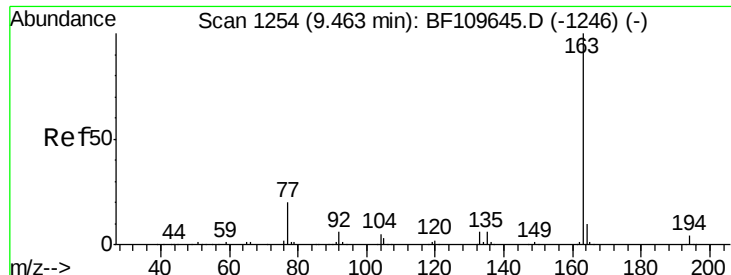
Tgt Ion: 65 Resp: 156653  
Ion Ratio Lower Upper  
65 100  
92 70.4 54.6 81.8  
138 104.0 80.3 120.5



#48  
Acenaphthylene  
Concen: 39.034 ng  
RT: 9.59 min Scan# 1276  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion: 152 Resp: 740909  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.8 23.8  
153 12.8 10.4 15.6

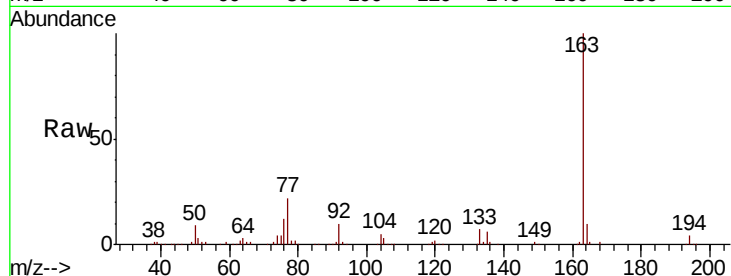




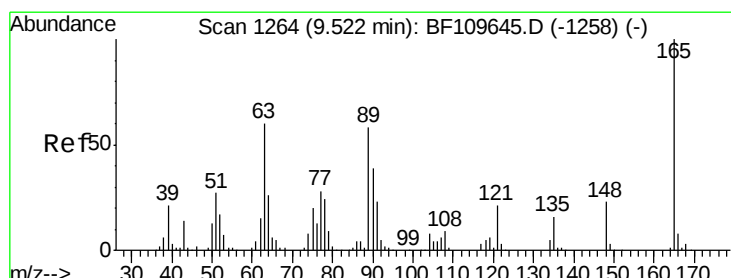
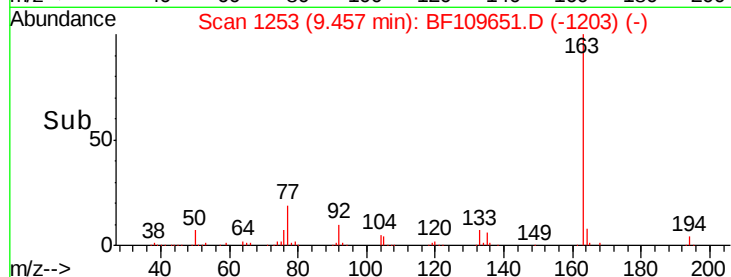
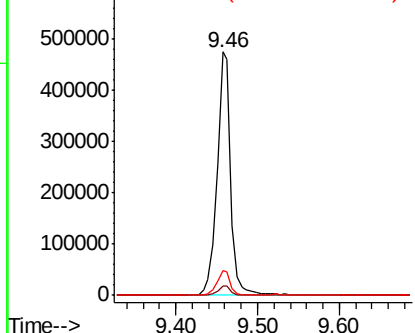
#49  
Dimethylphthalate  
Concen: 39.101 ng  
RT: 9.46 min Scan# 1253  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:163 Resp: 557858  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.2 4.8  
164 10.4 8.1 12.1

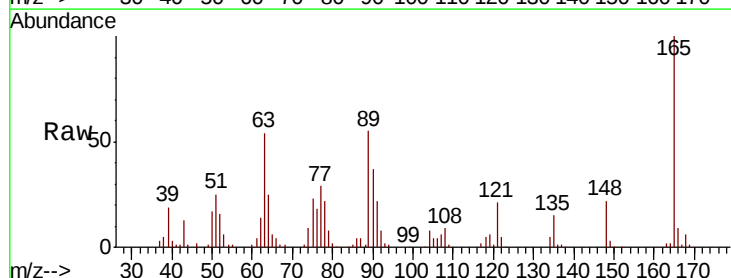


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

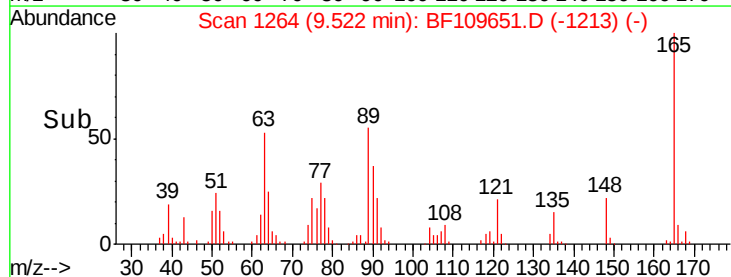
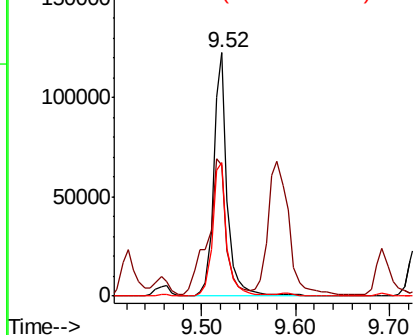


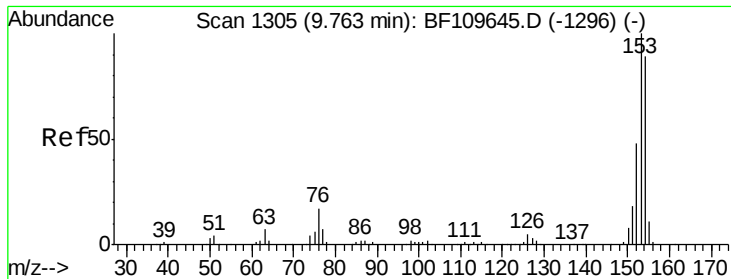
#50  
2,6-Dinitrotoluene  
Concen: 40.490 ng  
RT: 9.52 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion:165 Resp: 125221  
Ion Ratio Lower Upper  
165 100  
63 53.7 48.9 73.3  
89 54.7 46.6 69.8



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





#51

Acenaphthene

Concen: 38.311 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

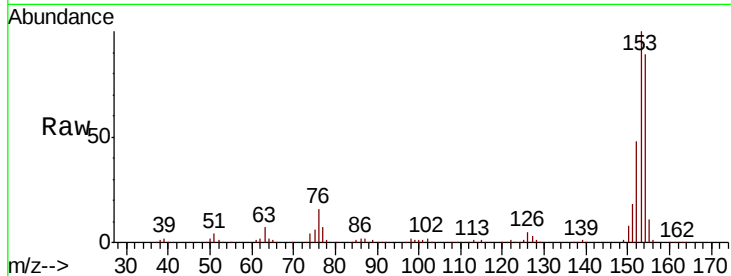
Tgt Ion:154 Resp: 431075

Ion Ratio Lower Upper

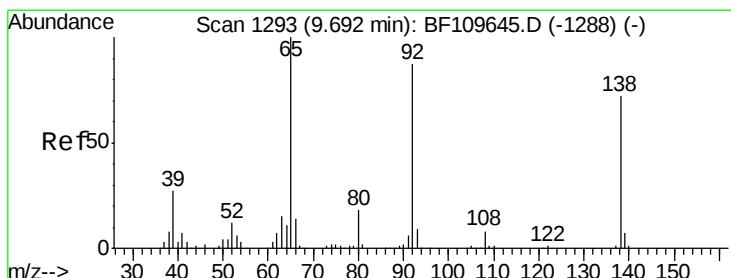
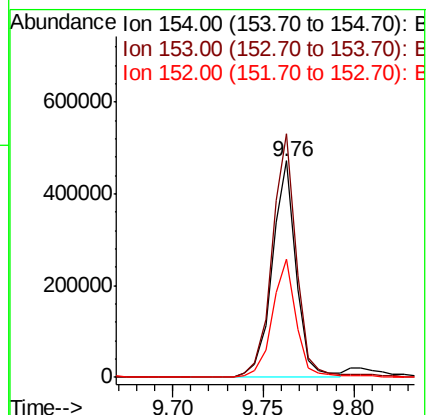
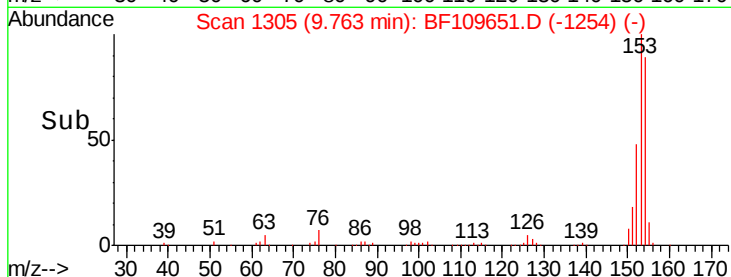
154 100

153 112.6 90.1 135.1

152 54.5 43.4 65.2



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



#52

3-Nitroaniline

Concen: 40.126 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

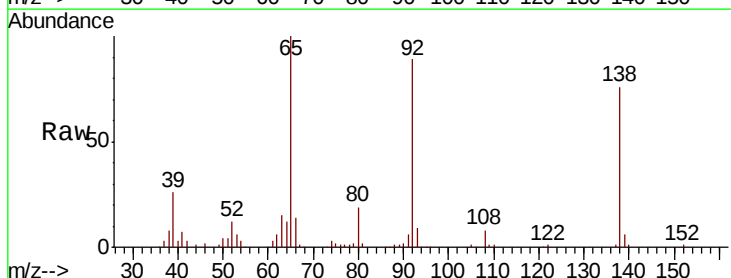
Tgt Ion:138 Resp: 139107

Ion Ratio Lower Upper

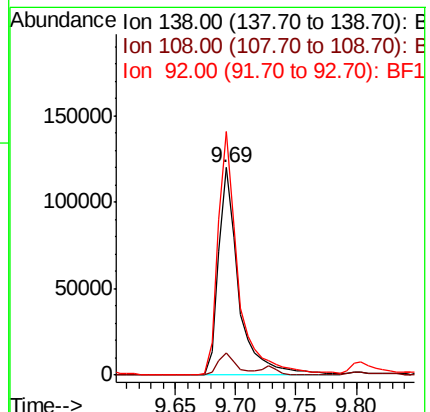
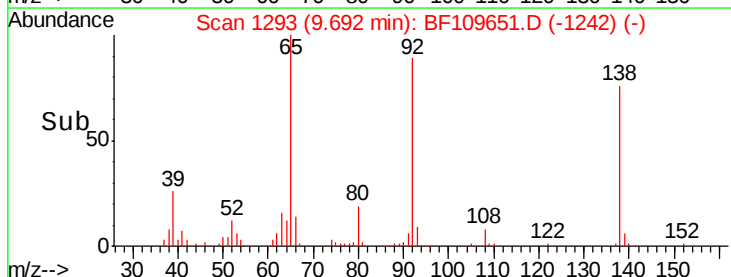
138 100

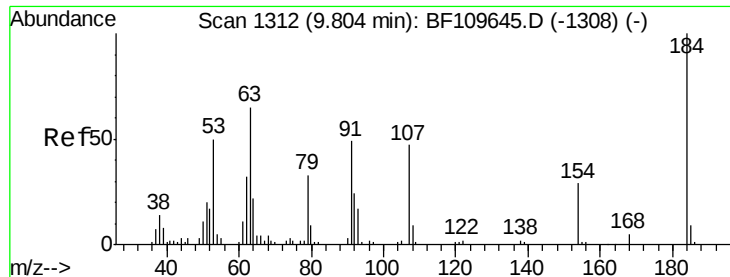
108 10.6 8.7 13.1

92 117.3 97.0 145.4



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

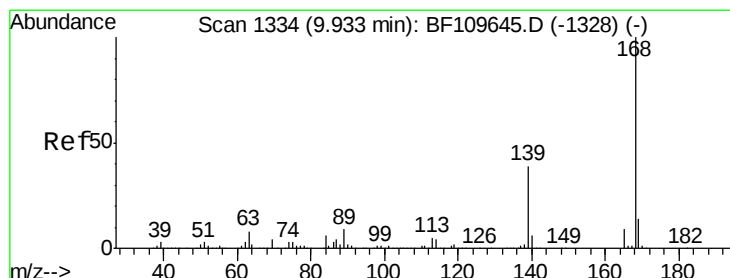
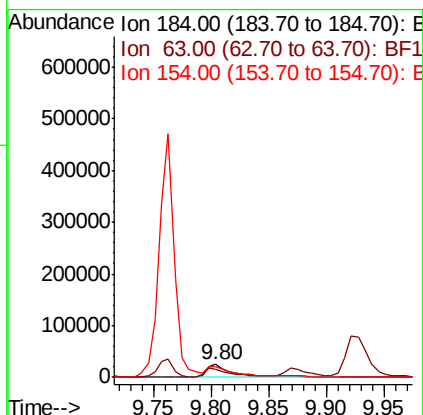
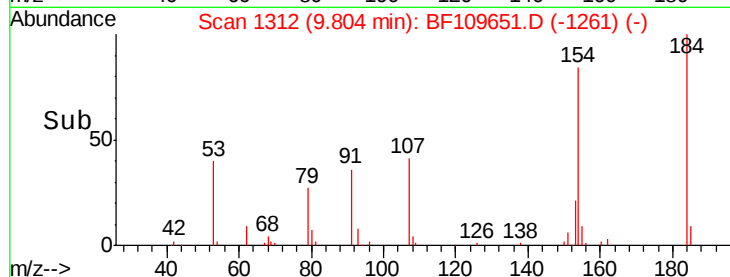
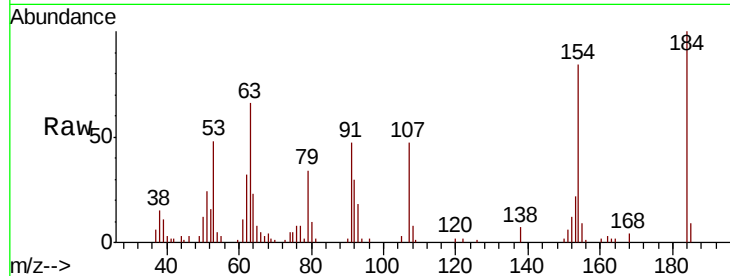




#53  
 2,4-Dinitrophenol  
 Concen: 45.180 ng  
 RT: 9.80 min Scan# 1312  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

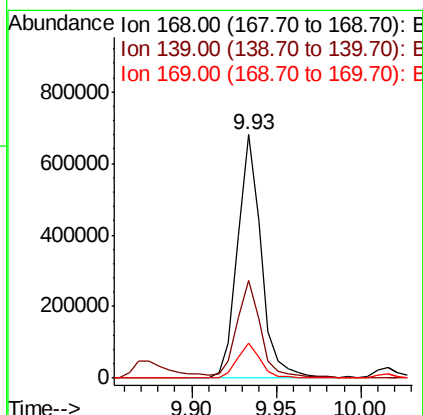
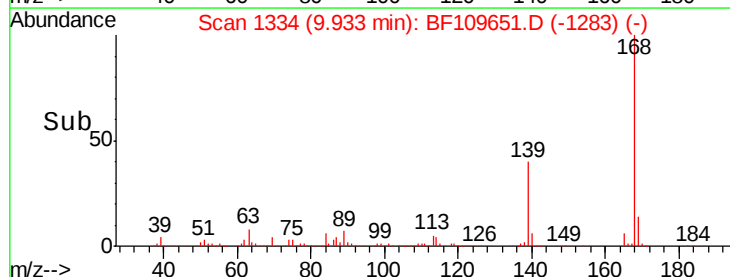
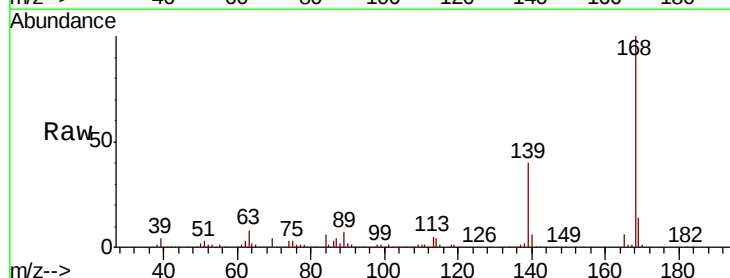
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

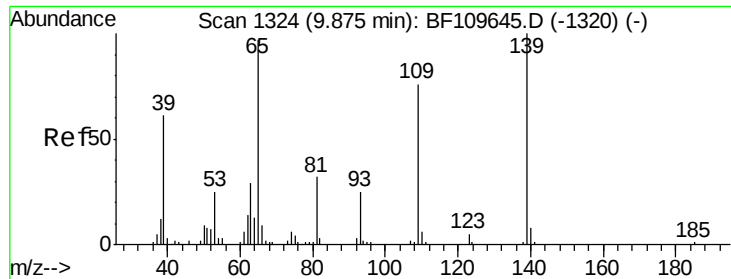
Tgt Ion:184 Resp: 45080  
 Ion Ratio Lower Upper  
 184 100  
 63 66.0 55.8 83.6  
 154 84.2 63.2 94.8



#54  
 Dibenzofuran  
 Concen: 39.228 ng  
 RT: 9.93 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:168 Resp: 661647  
 Ion Ratio Lower Upper  
 168 100  
 139 40.1 33.0 49.6  
 169 14.3 11.3 16.9

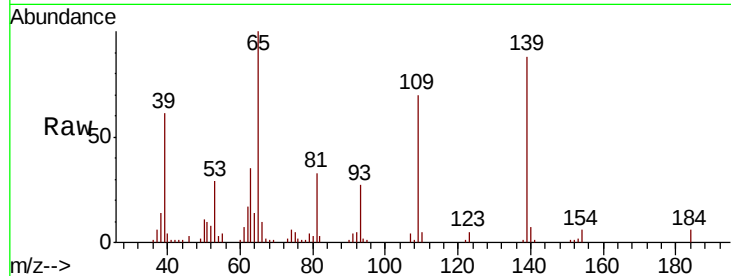




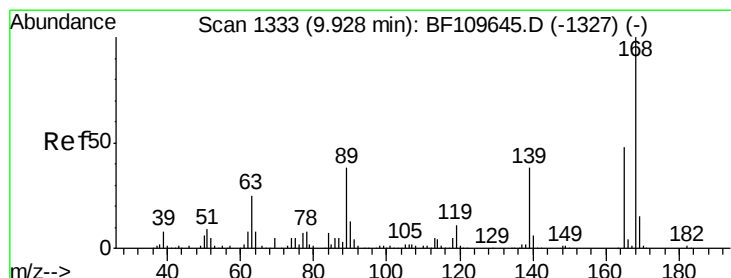
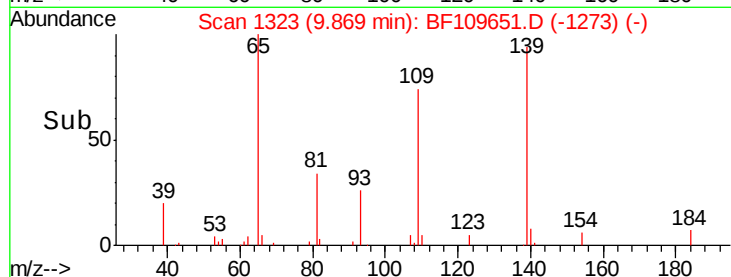
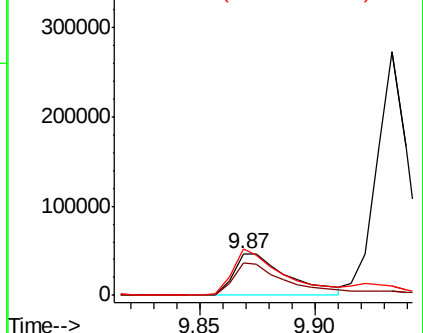
#55  
4-Nitrophenol  
Concen: 40.148 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:139 Resp: 76184  
Ion Ratio Lower Upper  
139 100  
109 78.8 55.8 95.8  
65 113.3 77.9 117.9

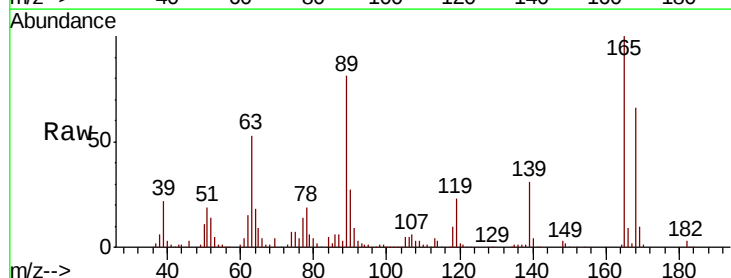


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

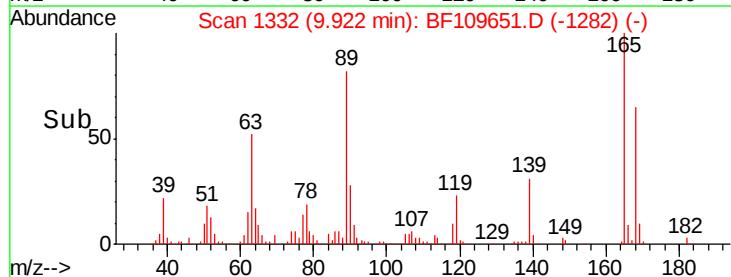
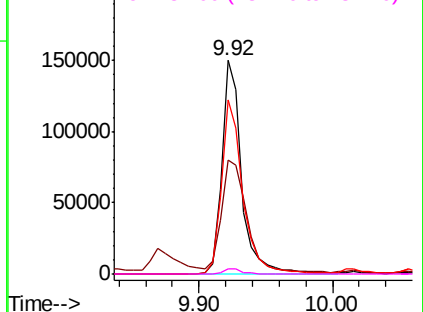


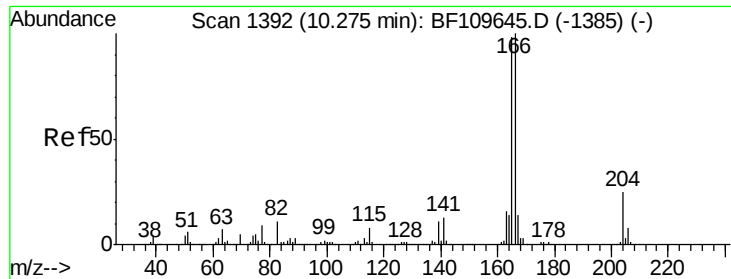
#56  
2,4-Dinitrotoluene  
Concen: 40.597 ng  
RT: 9.92 min Scan# 1332  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion:165 Resp: 156684  
Ion Ratio Lower Upper  
165 100  
63 53.5 44.8 67.2  
89 81.4 62.2 93.4  
182 2.7 2.1 3.1



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





#57

Fluorene

Concen: 38.698 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

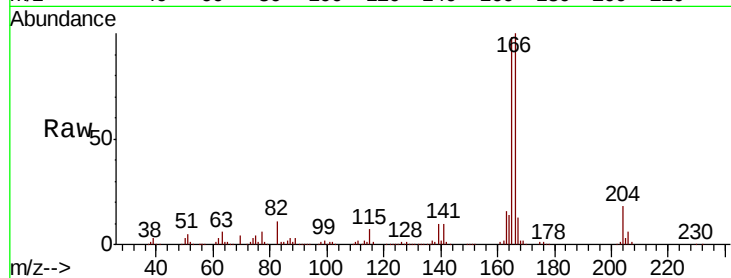
Tgt Ion:166 Resp: 487425

Ion Ratio Lower Upper

166 100

165 98.2 78.6 117.8

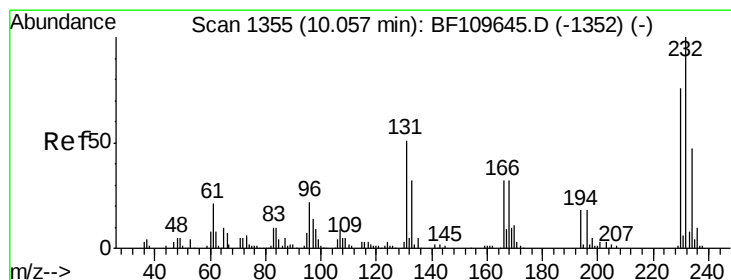
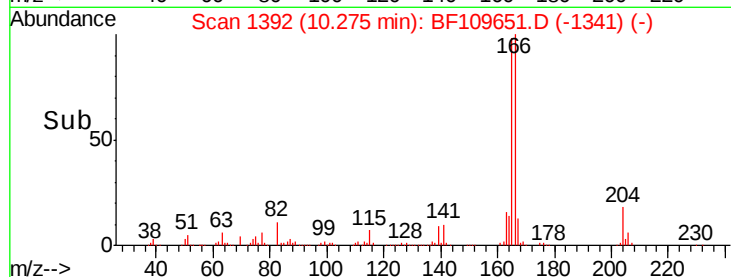
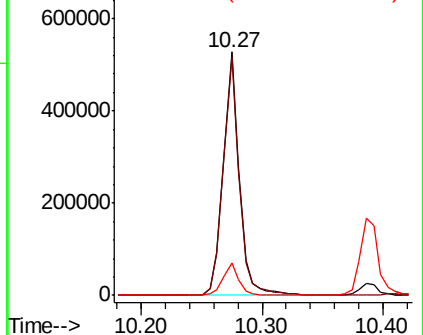
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.326 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Tgt Ion:232 Resp: 152900

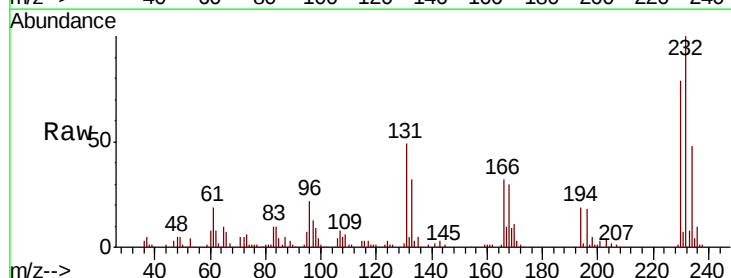
Ion Ratio Lower Upper

232 100

131 43.9 37.0 55.4

130 2.0 1.8 2.6

166 27.5 22.0 33.0

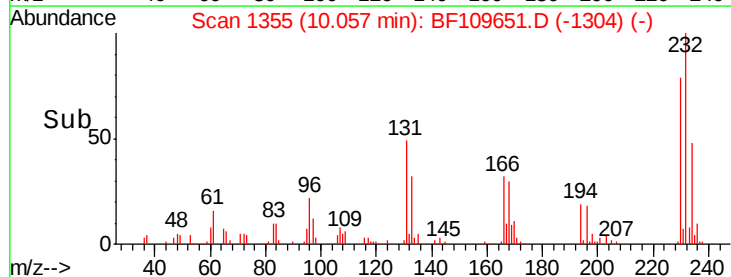
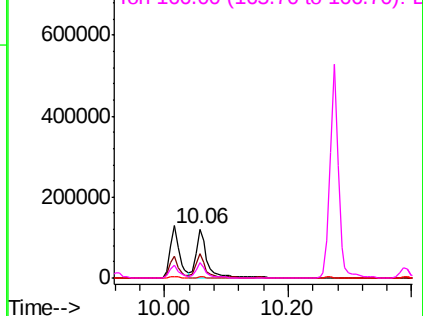


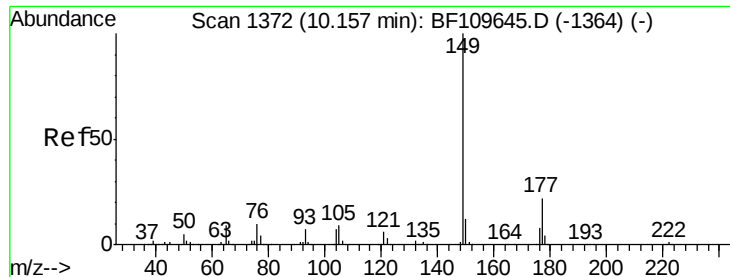
Abundance Ion 232.00 (231.70 to 232.70): E

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

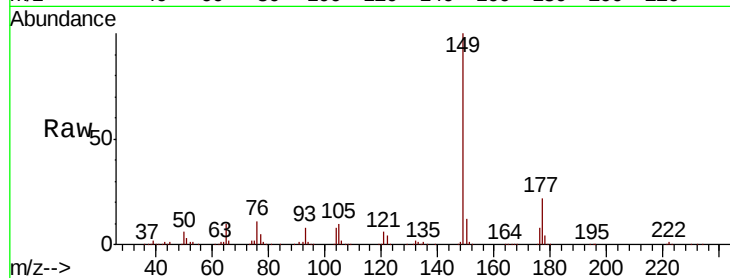




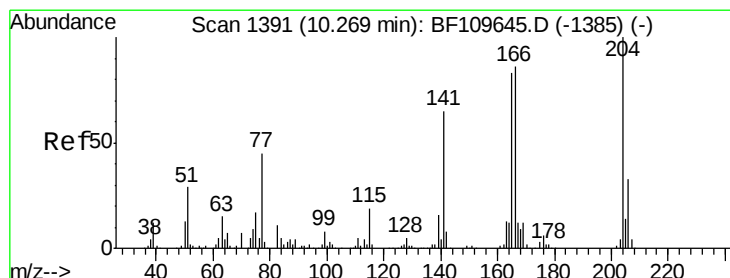
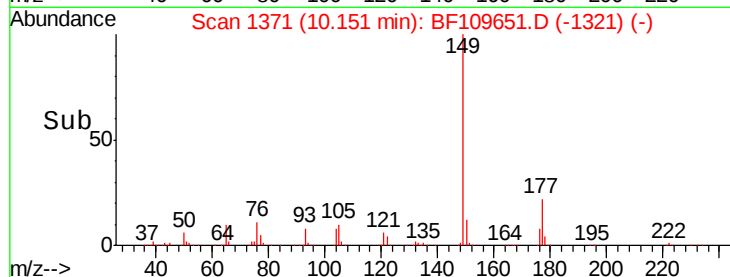
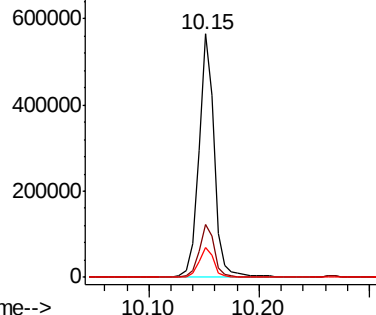
#59  
Diethylphthalate  
Concen: 38.950 ng  
RT: 10.15 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 550600  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.4 26.2  
150 12.2 9.8 14.8

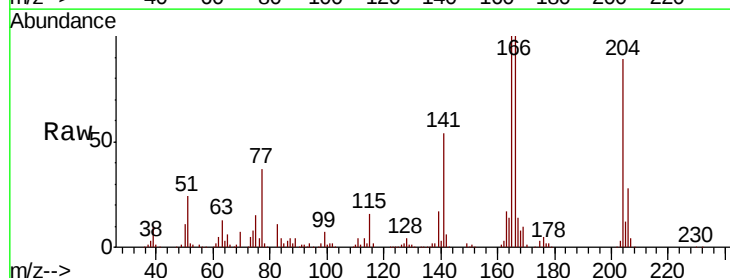


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

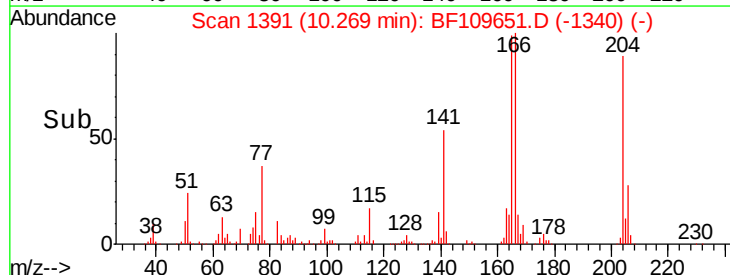
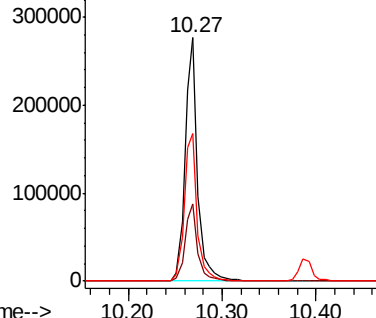


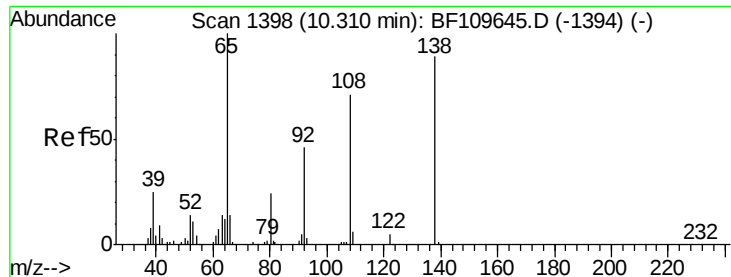
#60  
4-Chlorophenyl-phenylether  
Concen: 39.172 ng  
RT: 10.27 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion:204 Resp: 260297  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.5 39.7  
141 60.5 51.8 77.8



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

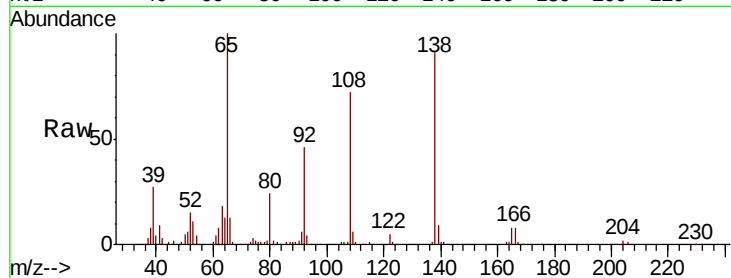




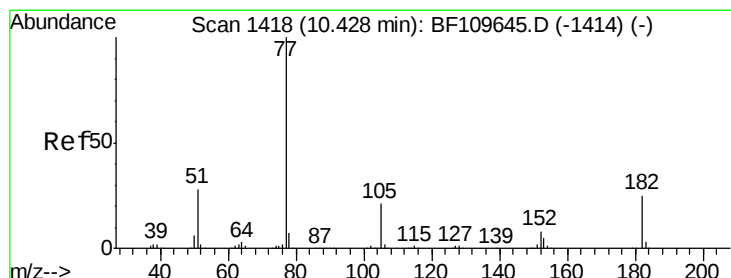
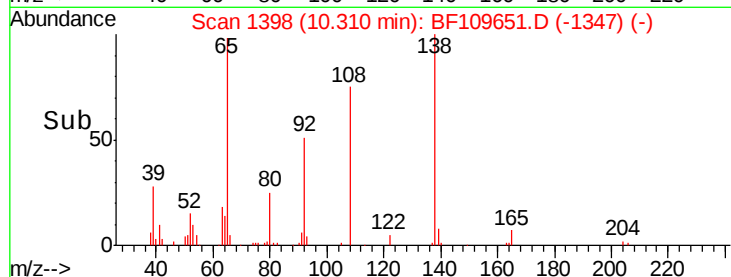
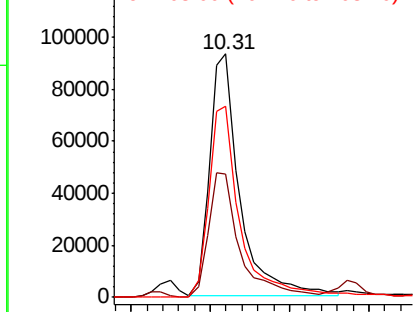
#61  
4-Nitroaniline  
Concen: 38.209 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 138 Resp: 122669  
Ion Ratio Lower Upper  
138 100  
92 50.8 31.7 71.7  
108 78.8 59.3 99.3

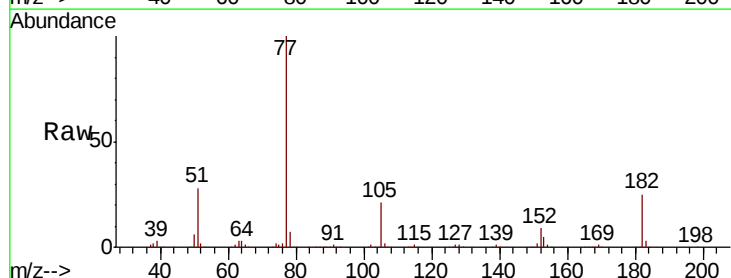


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

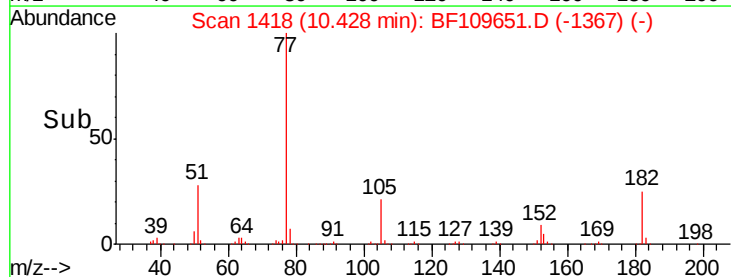
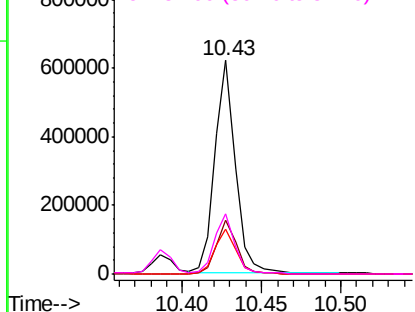


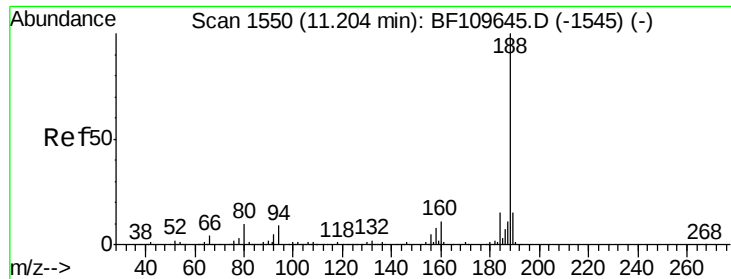
#62  
Azobenzene  
Concen: 39.193 ng  
RT: 10.43 min Scan# 1418  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion: 77 Resp: 562618  
Ion Ratio Lower Upper  
77 100  
182 25.0 4.3 44.3  
105 21.3 1.3 41.3  
51 28.3 9.0 49.0



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

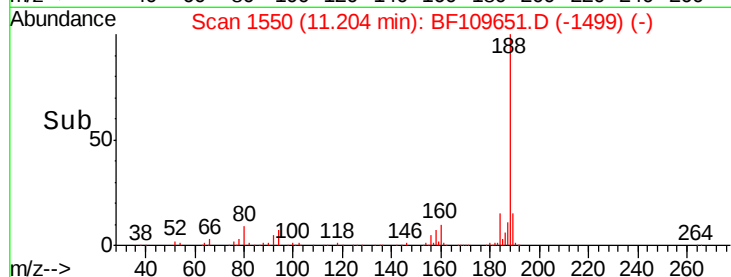
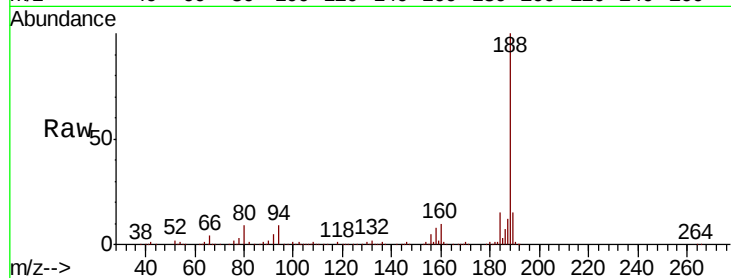
Tgt Ion:188 Resp: 376597

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

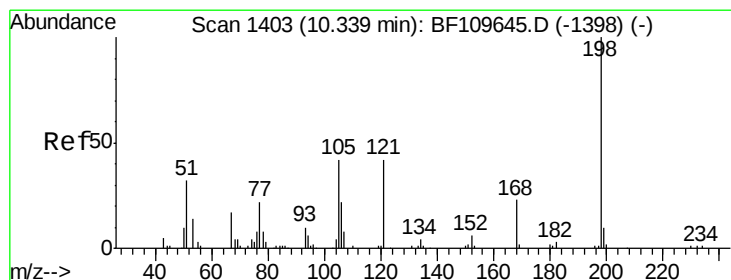
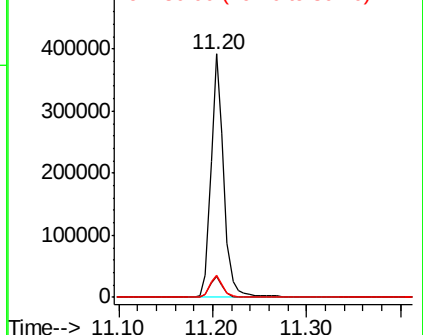
80 9.0 7.9 11.9



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



#64

4,6-Dinitro-2-methylphenol

Concen: 39.168 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

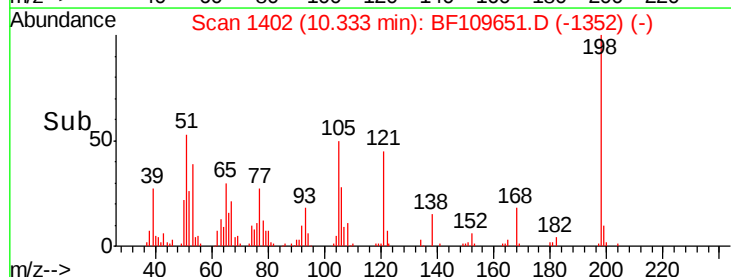
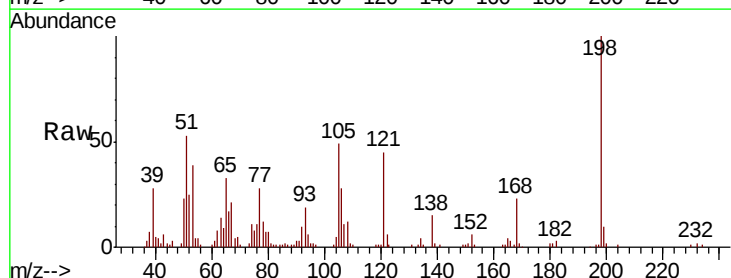
Tgt Ion:198 Resp: 71794

Ion Ratio Lower Upper

198 100

51 53.3 22.8 62.8

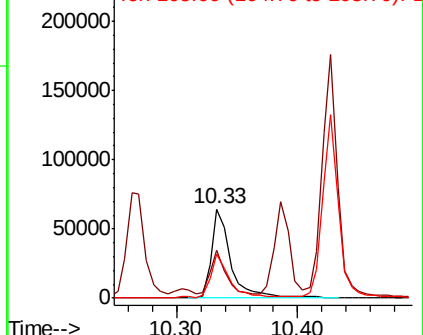
105 49.0 23.6 63.6

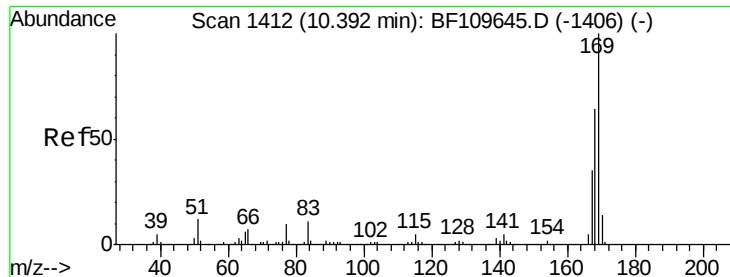


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.282 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

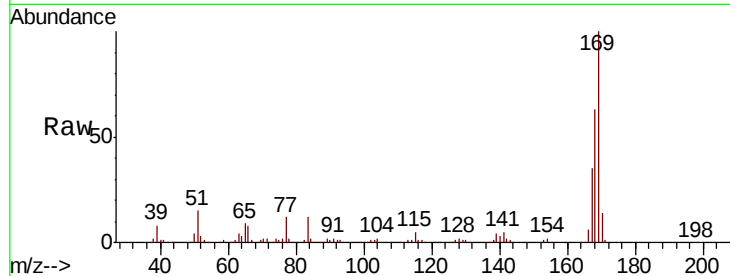
Tgt Ion:169 Resp: 488731

Ion Ratio Lower Upper

169 100

168 62.7 51.2 76.8

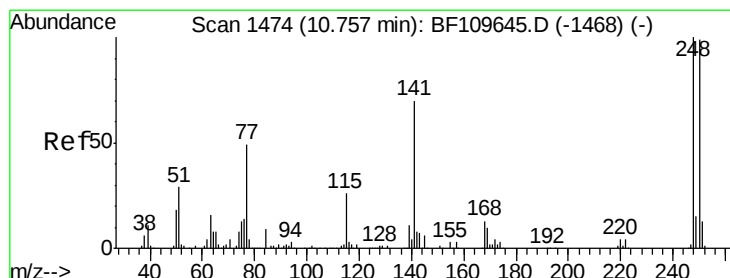
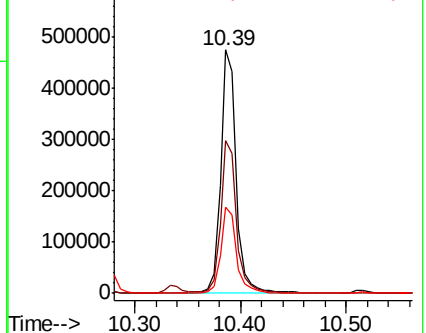
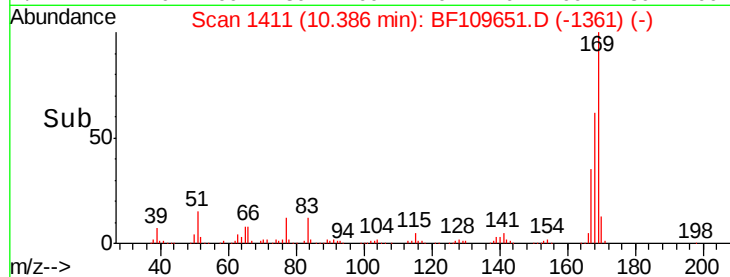
167 35.4 27.8 41.6



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



#66

4-Bromophenyl-phenylether

Concen: 38.551 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

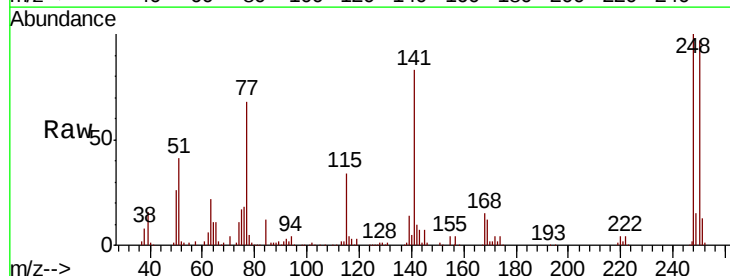
Tgt Ion:248 Resp: 166818

Ion Ratio Lower Upper

248 100

250 96.7 79.4 119.2

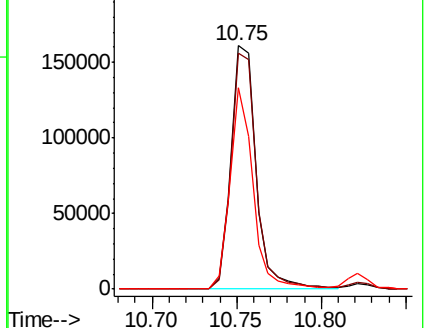
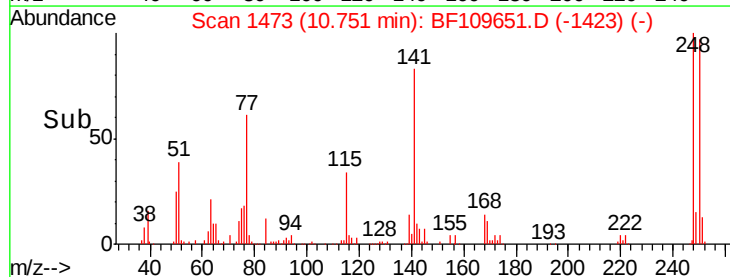
141 82.6 55.9 83.9

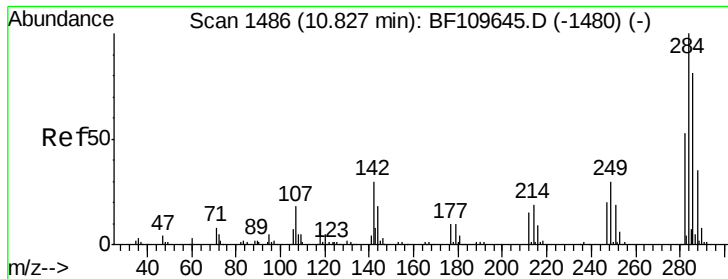


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

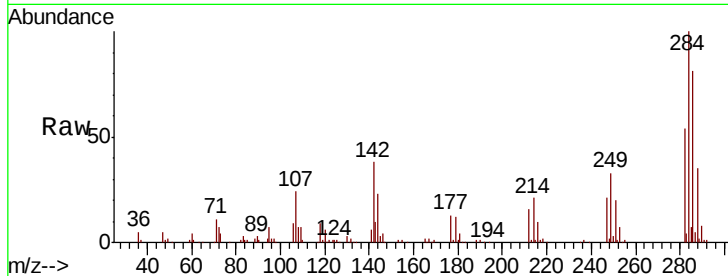




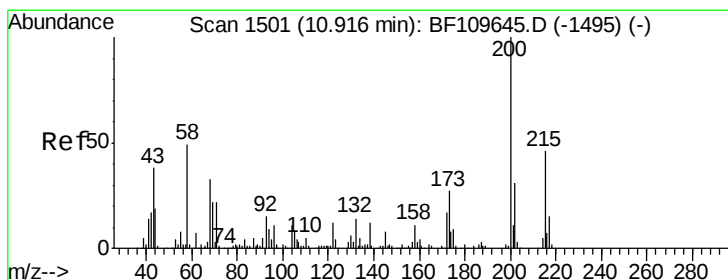
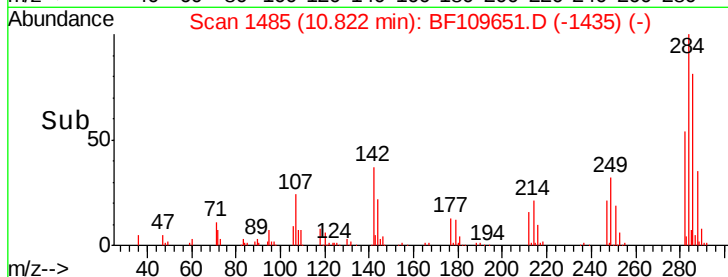
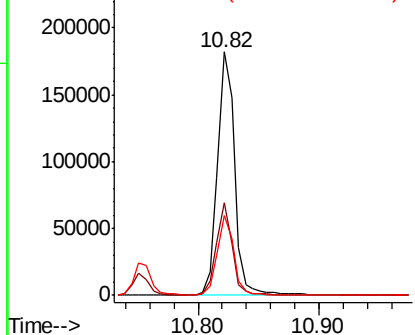
#67  
Hexachlorobenzene  
Concen: 37.896 ng  
RT: 10.82 min Scan# 1485  
Delta R.T. -0.01 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 284 Resp: 177566  
Ion Ratio Lower Upper  
284 100  
142 38.1 23.9 35.9#  
249 32.7 24.2 36.2

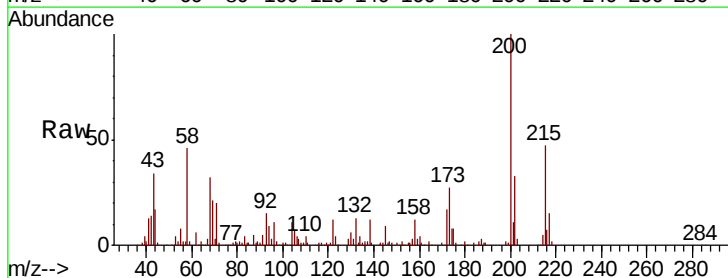


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

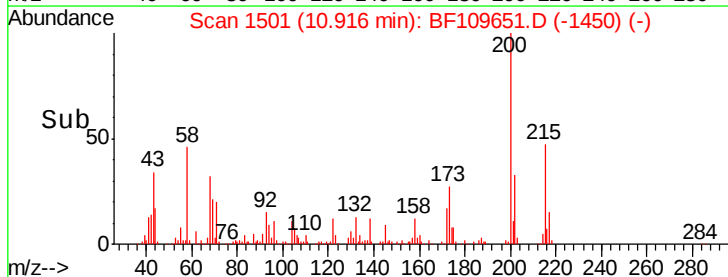
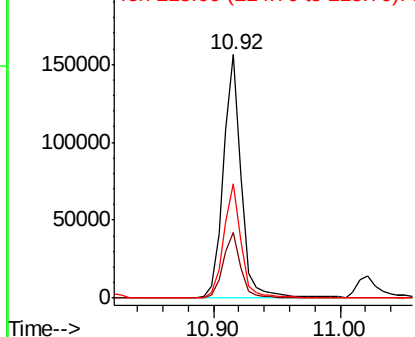


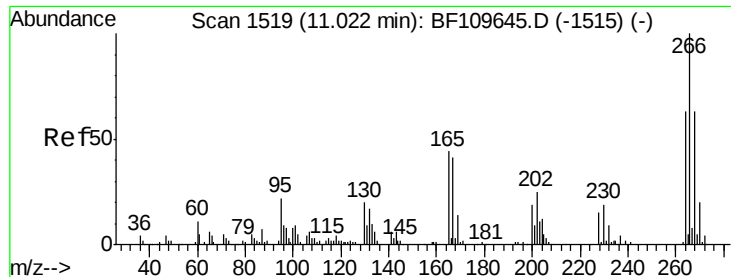
#68  
Atrazine  
Concen: 38.511 ng  
RT: 10.92 min Scan# 1501  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion: 200 Resp: 153436  
Ion Ratio Lower Upper  
200 100  
173 27.0 6.6 46.6  
215 47.0 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

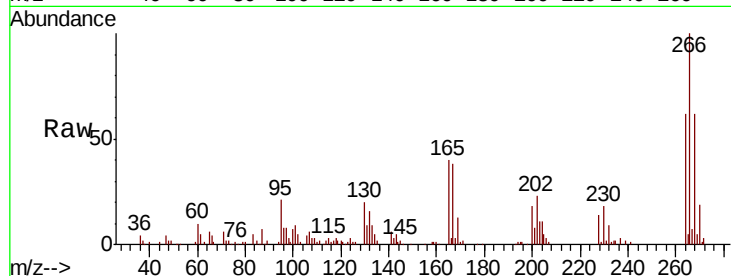




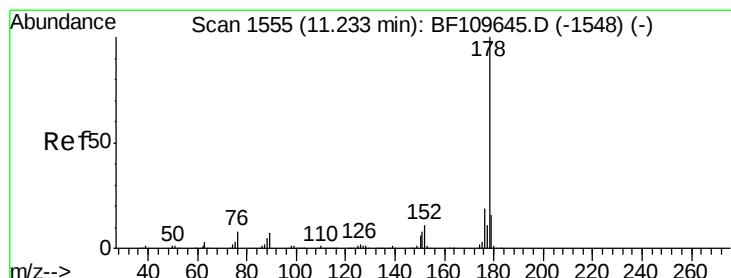
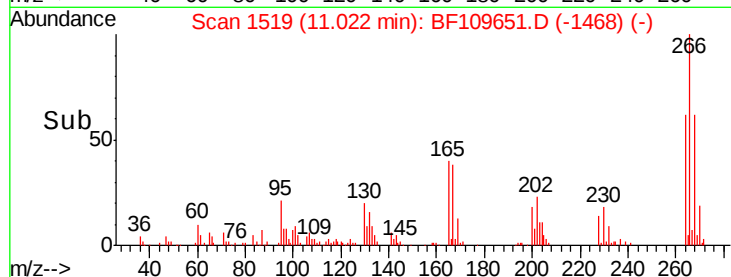
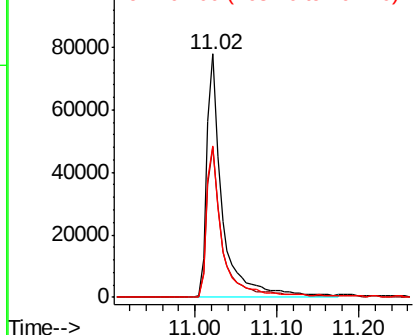
#69  
 Pentachlorophenol  
 Concen: 39.500 ng  
 RT: 11.02 min Scan# 1519  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:266 Resp: 104146  
 Ion Ratio Lower Upper  
 266 100  
 268 61.6 50.6 75.8  
 264 62.4 50.6 75.8

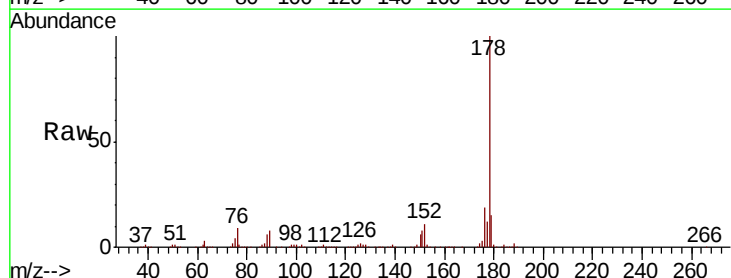


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

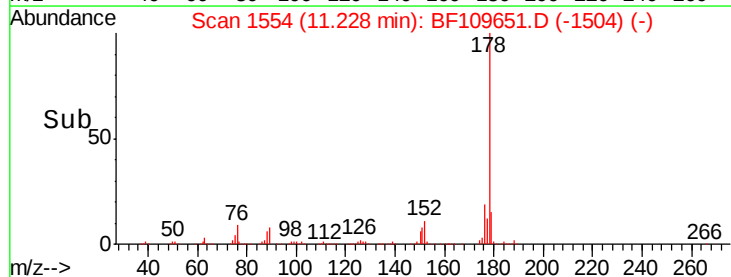
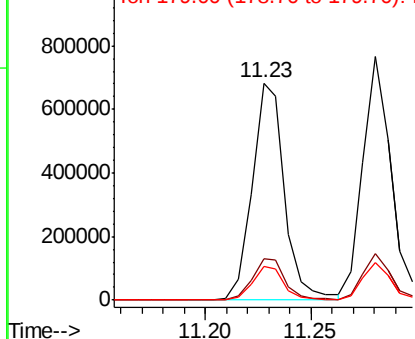


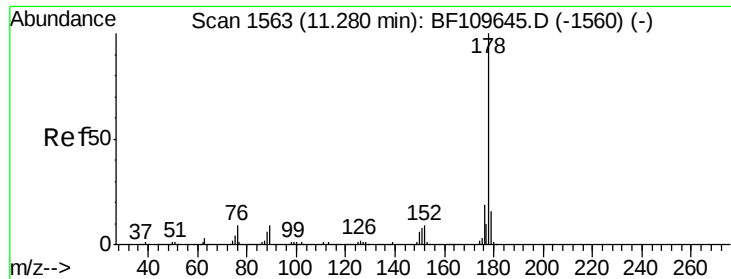
#70  
 Phenanthrene  
 Concen: 38.495 ng  
 RT: 11.23 min Scan# 1554  
 Delta R.T. -0.01 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:178 Resp: 725491  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.5 23.3  
 179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

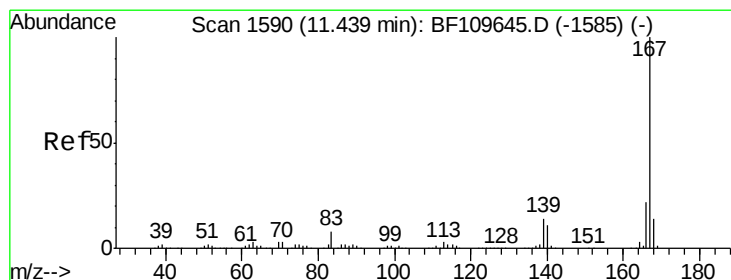
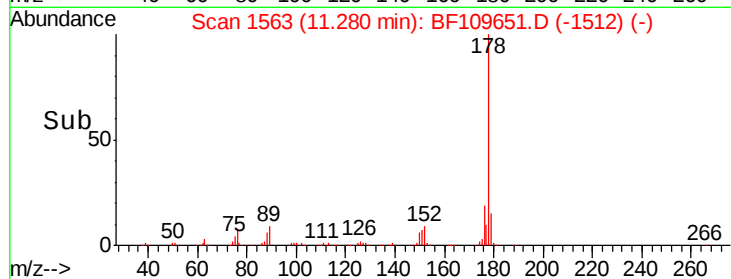
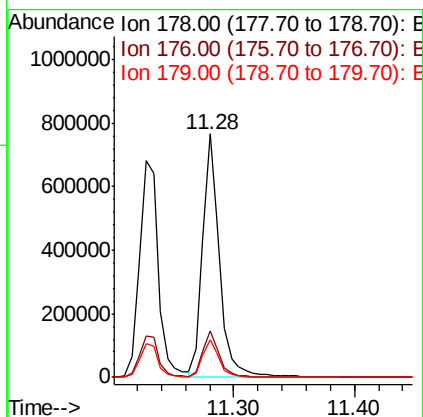
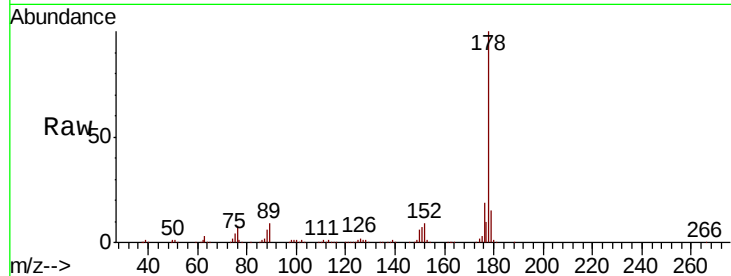




#71  
 Anthracene  
 Concen: 38.057 ng  
 RT: 11.28 min Scan# 1563  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

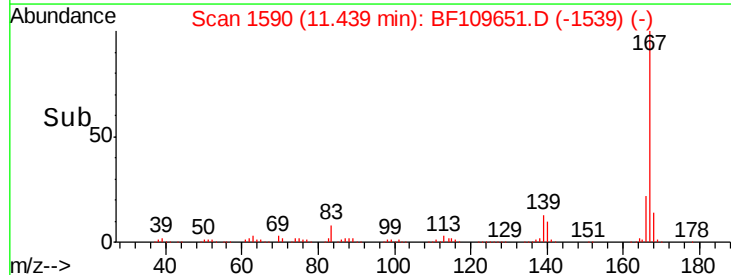
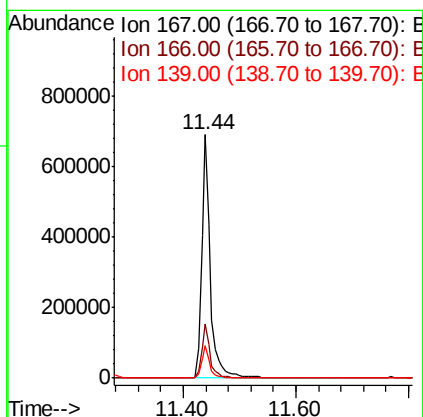
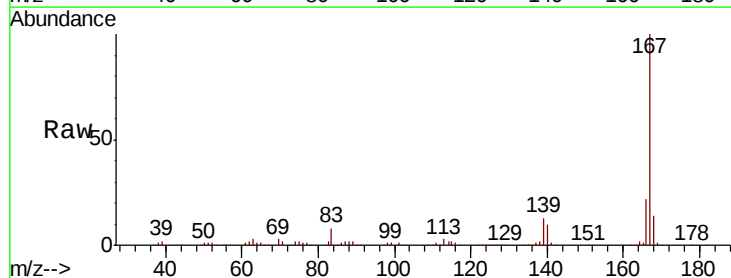
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

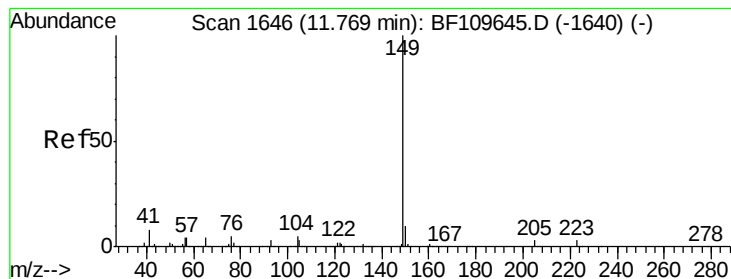
Tgt Ion:178 Resp: 741433  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 15.4 23.2  
 179 15.3 12.6 18.8



#72  
 Carbazole  
 Concen: 38.649 ng  
 RT: 11.44 min Scan# 1590  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:167 Resp: 730272  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.4 26.0  
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.952 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

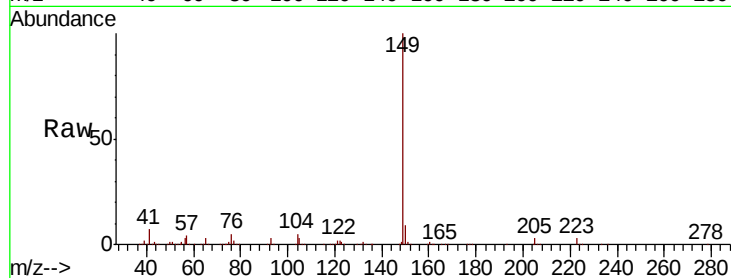
Tgt Ion:149 Resp: 853651

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

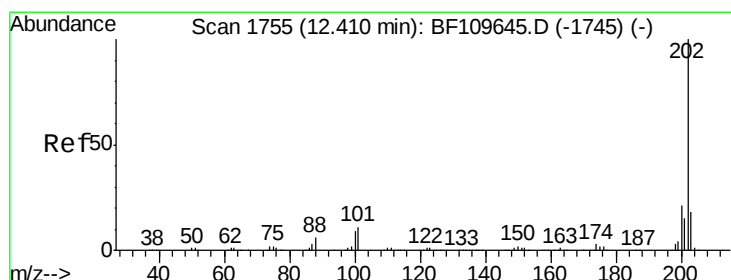
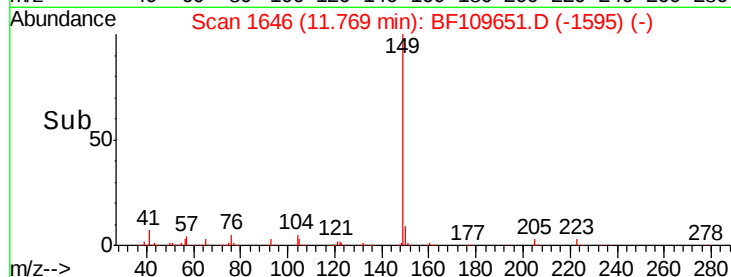
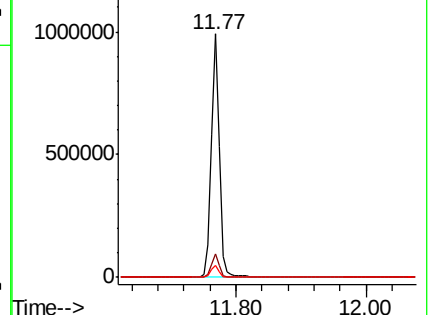
104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.562 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

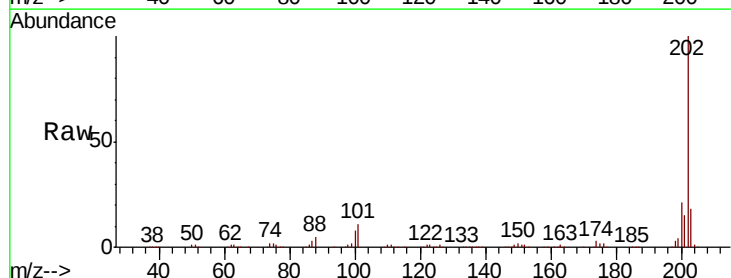
Tgt Ion:202 Resp: 759224

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

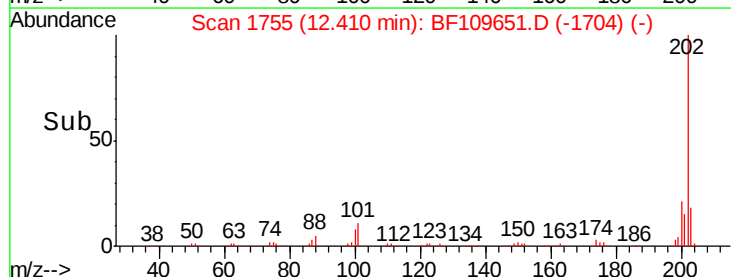
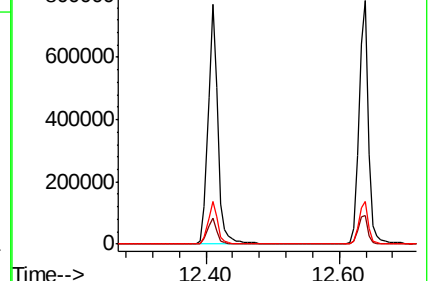
203 17.6 0.0 37.7

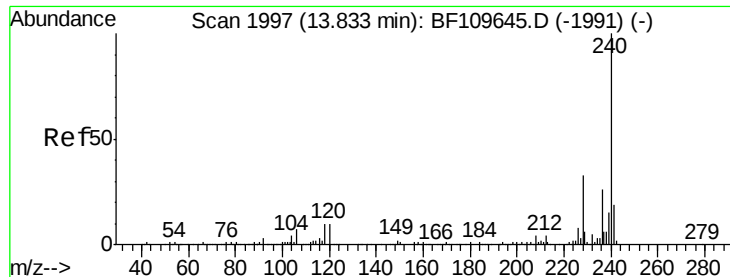


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

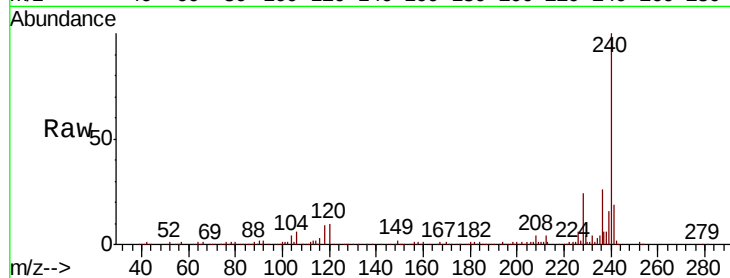
Tgt Ion:240 Resp: 273251

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

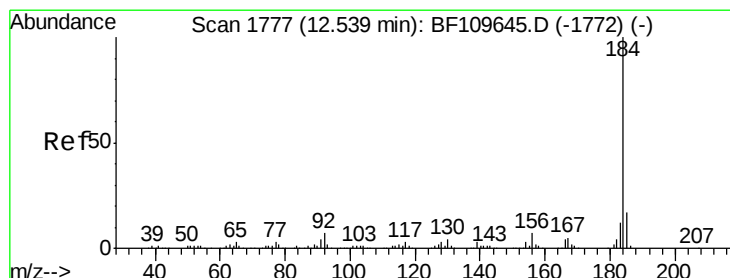
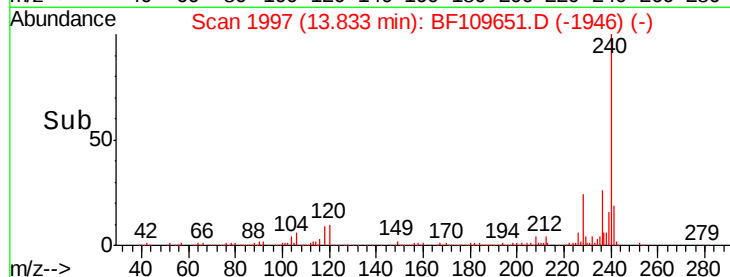
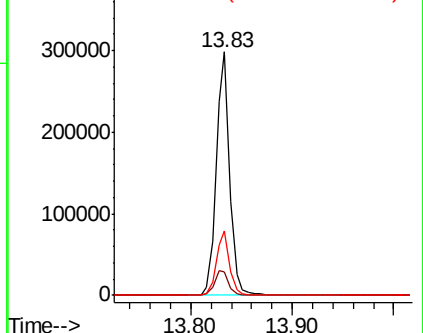
236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.838 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

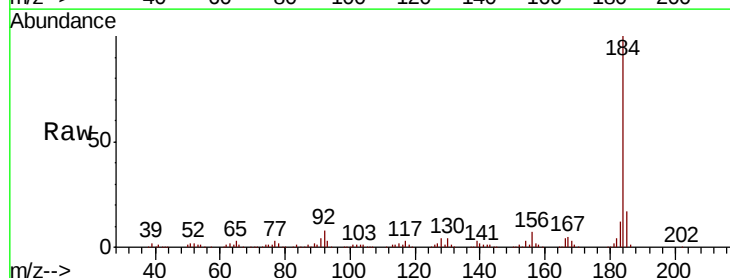
Tgt Ion:184 Resp: 414533

Ion Ratio Lower Upper

184 100

185 16.9 13.4 20.2

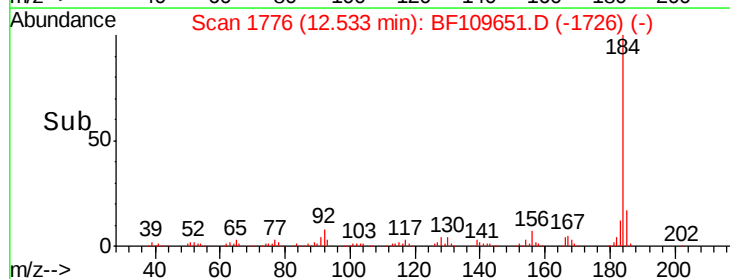
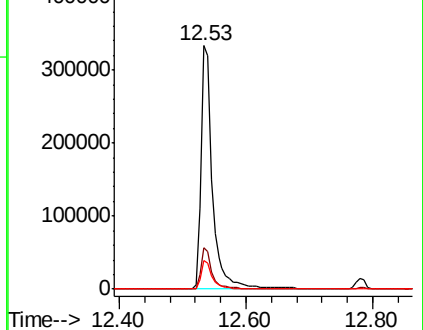
183 11.5 9.4 14.2

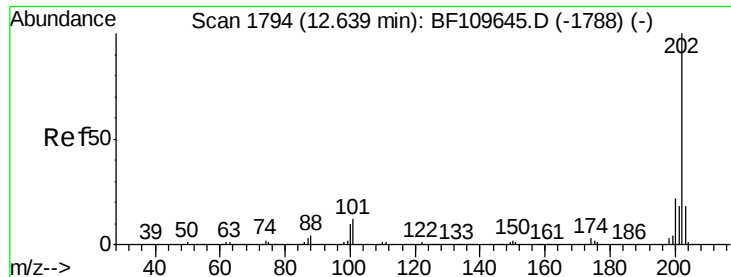


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

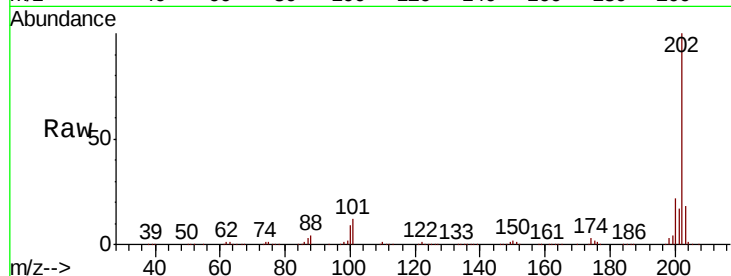




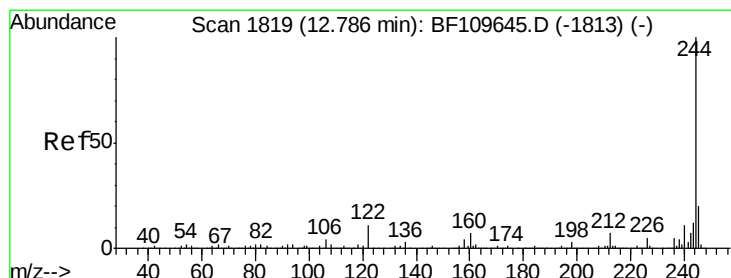
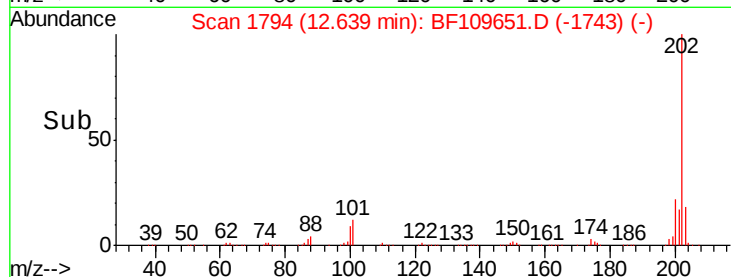
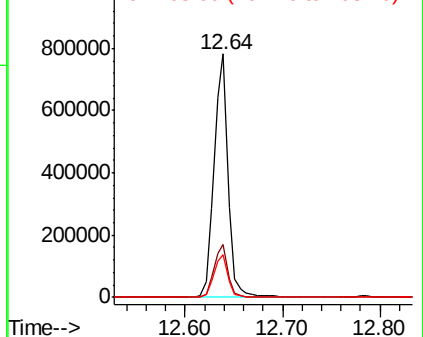
#77  
 Pyrene  
 Concen: 38.847 ng  
 RT: 12.64 min Scan# 1794  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 202 Resp: 777717  
 Ion Ratio Lower Upper  
 202 100  
 200 21.7 17.8 26.6  
 203 17.5 14.2 21.4

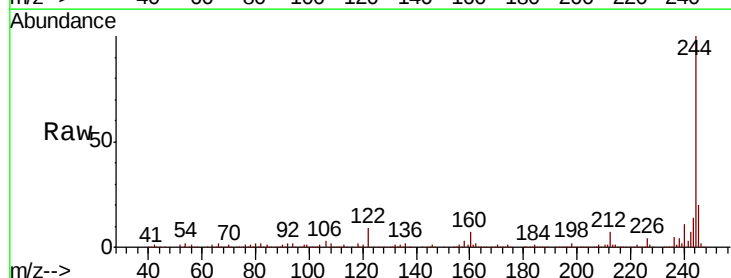


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

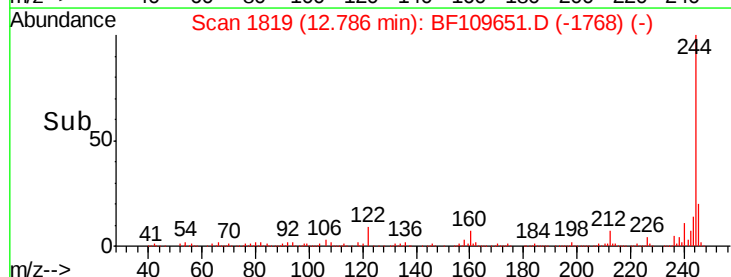
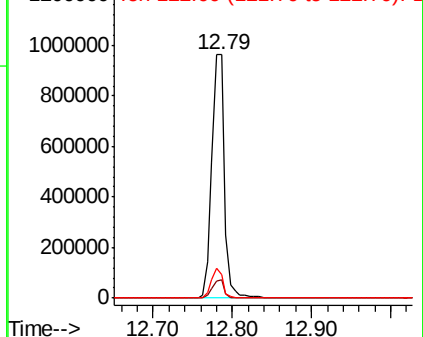


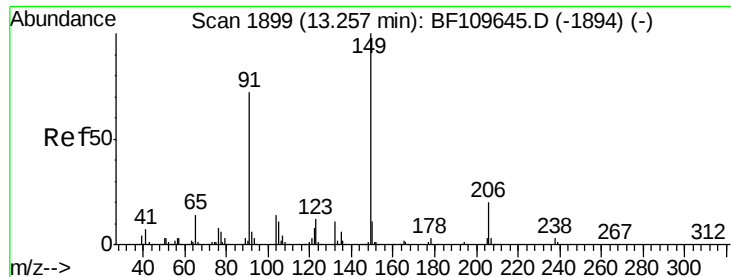
#78  
 Terphenyl-d14  
 Concen: 75.493 ng  
 RT: 12.79 min Scan# 1819  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion: 244 Resp: 1065608  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.8  
 122 9.5 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

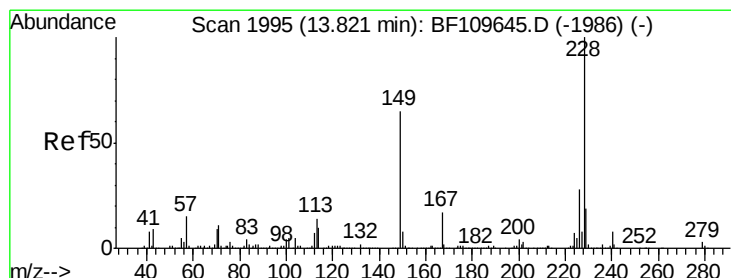
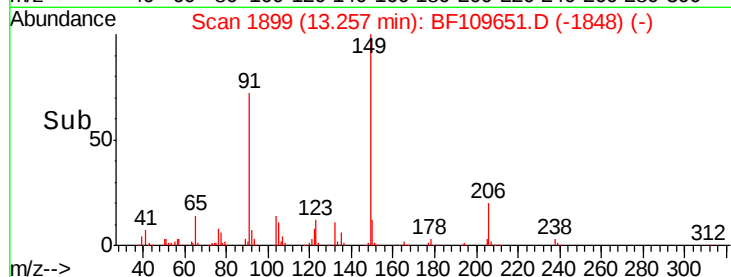
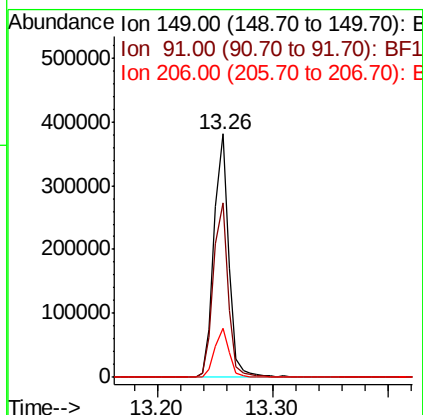
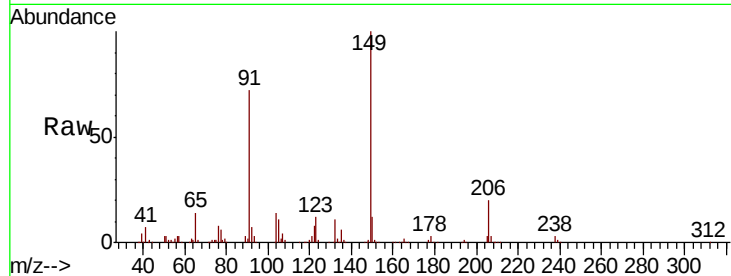




#79  
Butylbenzylphthalate  
Concen: 39.258 ng  
RT: 13.26 min Scan# 1899  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

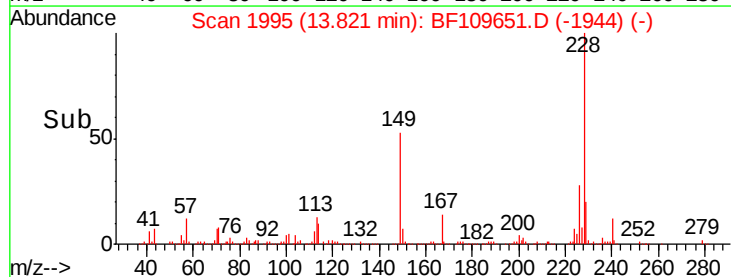
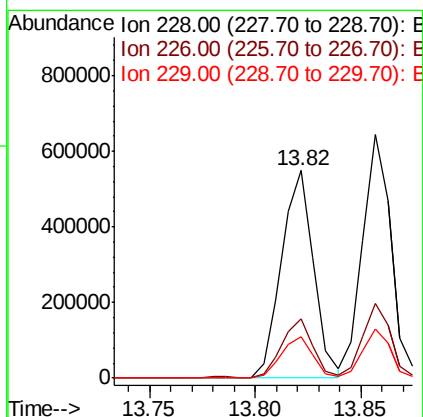
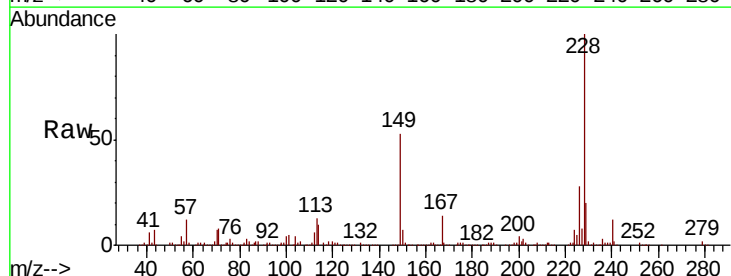
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 340748  
Ion Ratio Lower Upper  
149 100  
91 71.5 57.2 85.8  
206 20.1 15.7 23.5



#80  
Benzo(a)anthracene  
Concen: 38.690 ng  
RT: 13.82 min Scan# 1995  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion:228 Resp: 583408  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.1 33.1  
229 19.8 15.6 23.4

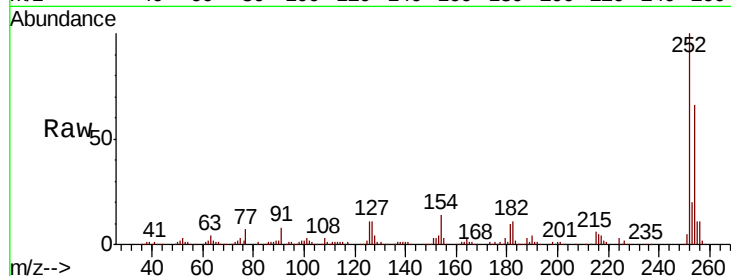




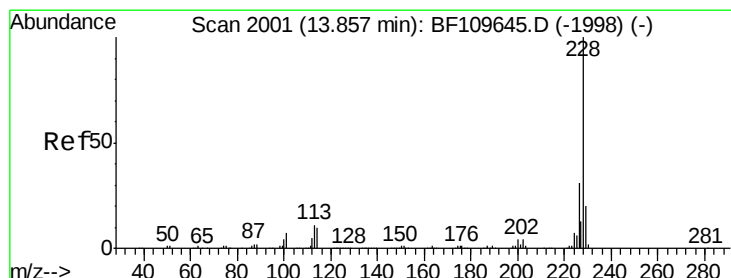
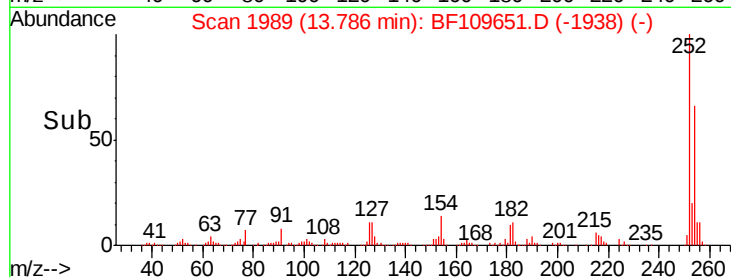
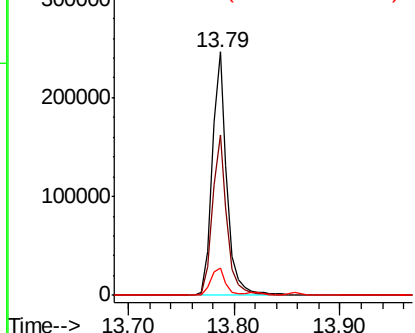
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.847 ng  
 RT: 13.79 min Scan# 1989  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:252 Resp: 241942  
 Ion Ratio Lower Upper  
 252 100  
 254 65.6 51.3 76.9  
 126 11.4 9.4 14.2

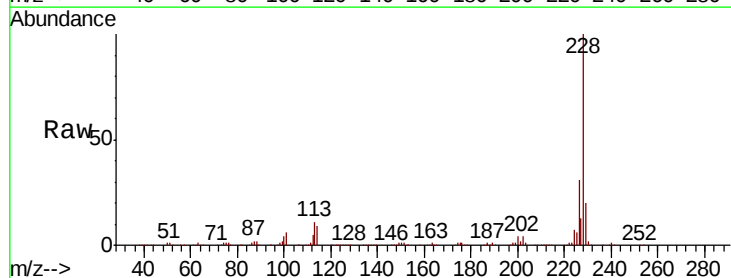


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

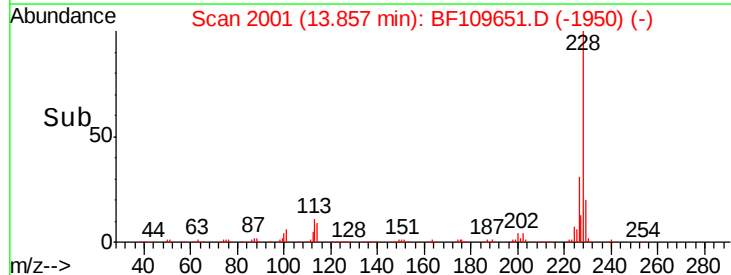
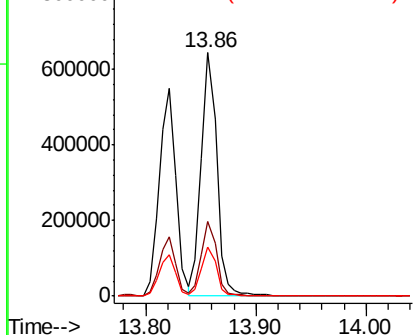


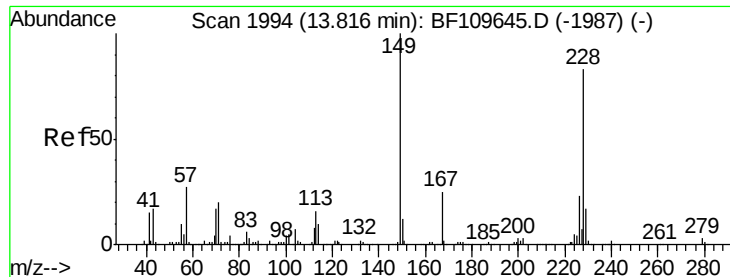
#82  
 Chrysene  
 Concen: 39.110 ng  
 RT: 13.86 min Scan# 2001  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion:228 Resp: 619452  
 Ion Ratio Lower Upper  
 228 100  
 226 30.6 24.7 37.1  
 229 20.3 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.216 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

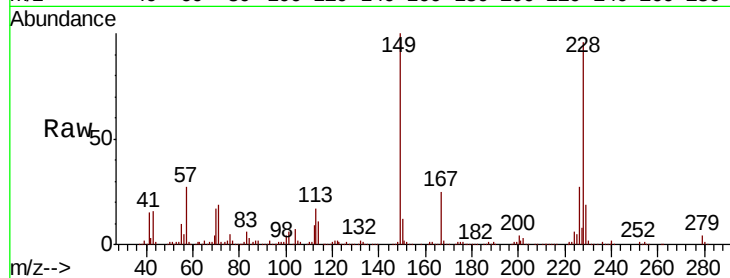
Tgt Ion:149 Resp: 415287

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

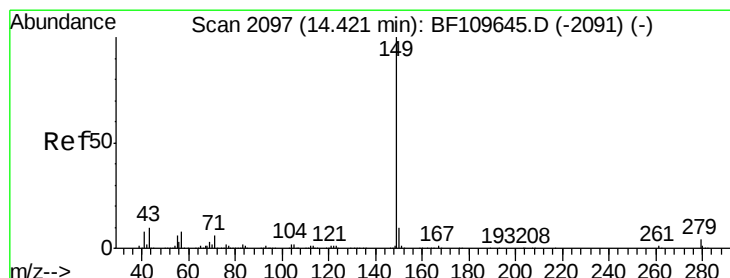
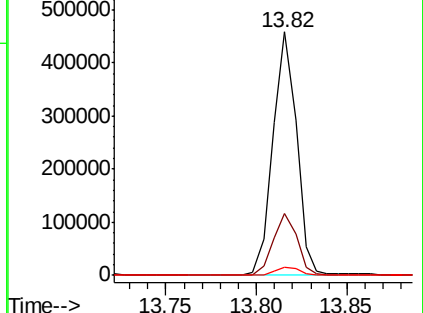
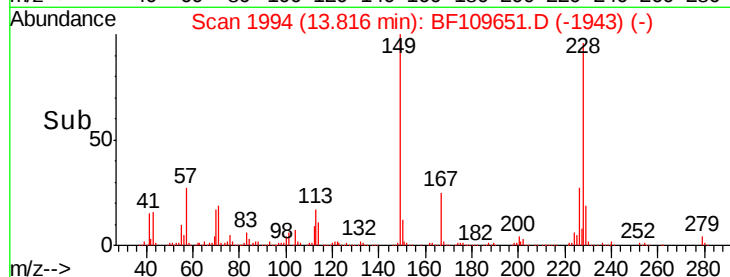
279 3.6 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.003 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

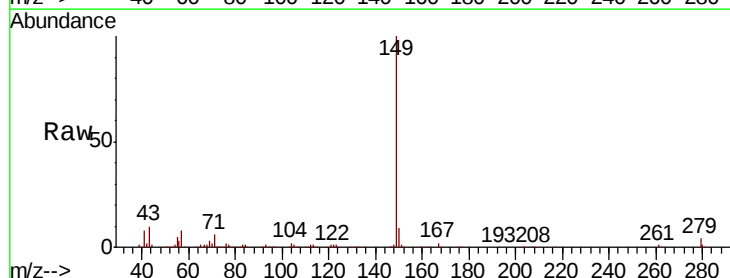
Tgt Ion:149 Resp: 652857

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

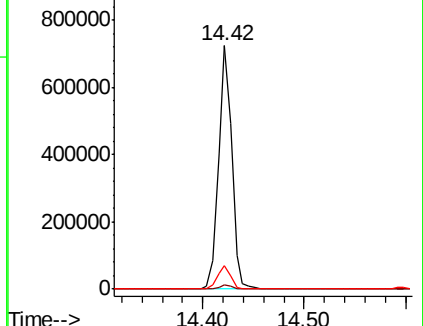
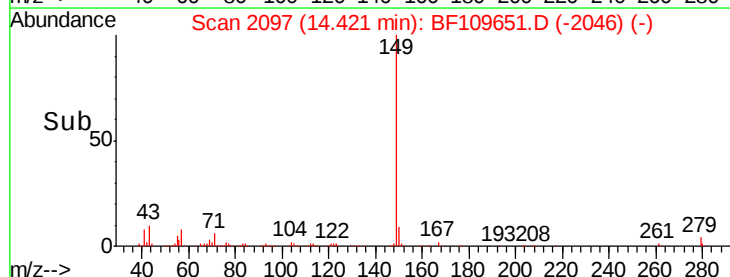
43 9.5 7.8 11.8

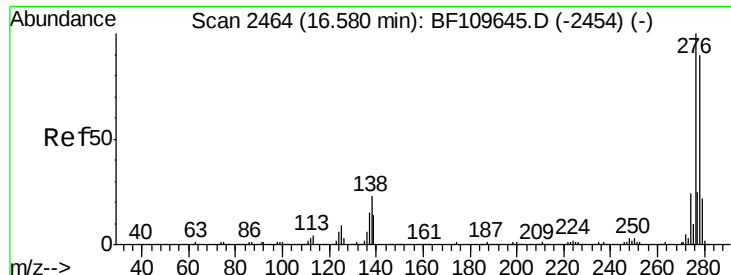


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

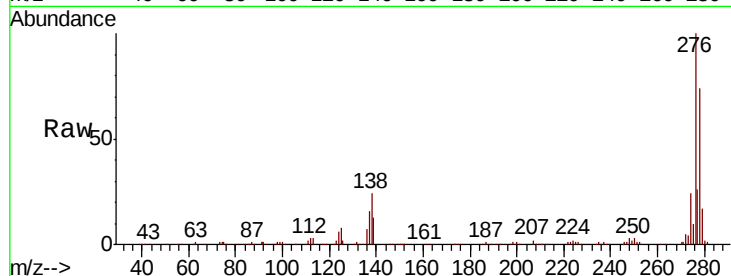




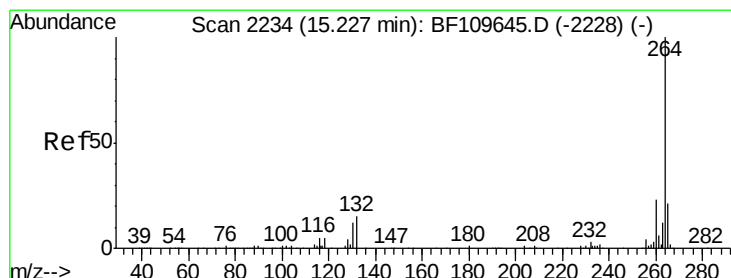
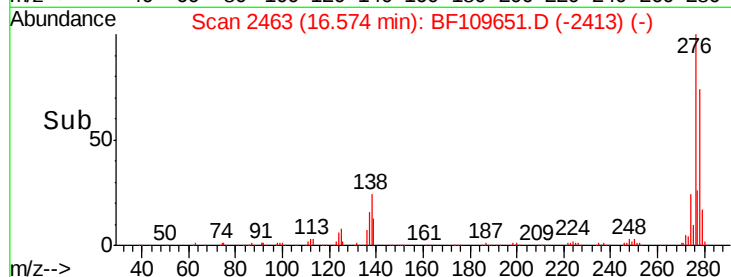
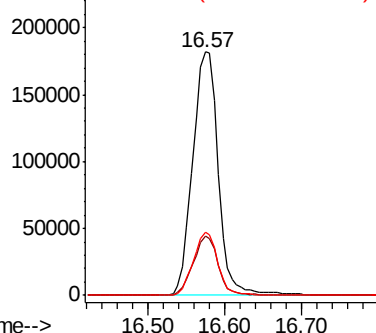
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.113 ng  
 RT: 16.57 min Scan# 2463  
 Delta R.T. -0.01 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 276 Resp: 420743  
 Ion Ratio Lower Upper  
 276 100  
 138 23.8 18.5 27.7  
 277 25.1 20.0 30.0

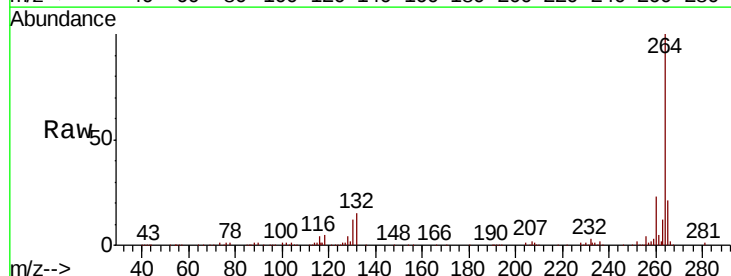


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

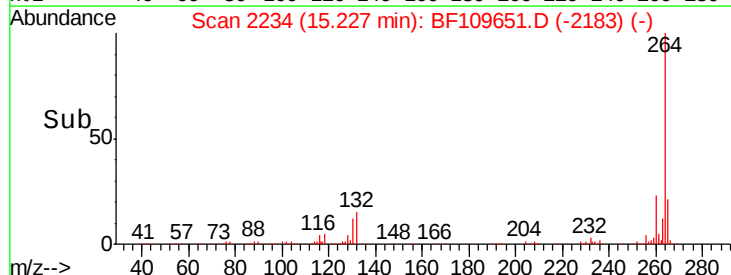
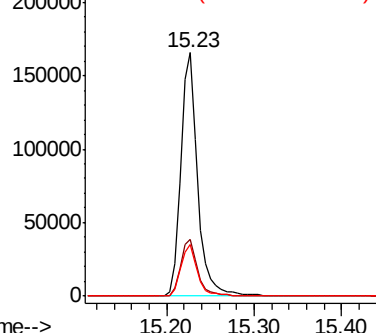


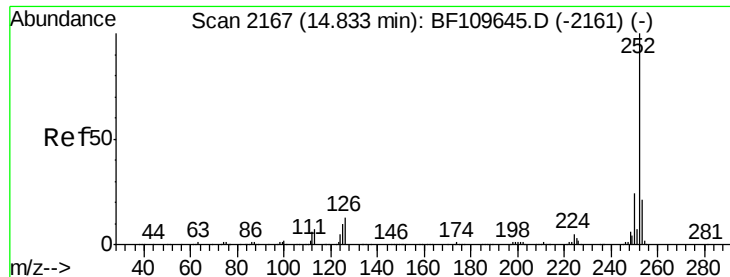
#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.23 min Scan# 2234  
 Delta R.T. 0.00 min  
 Lab File: BF109651.D  
 Acq: 8 Oct 2018 16:46

Tgt Ion: 264 Resp: 220952  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.7 28.1  
 265 21.4 16.7 25.1



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

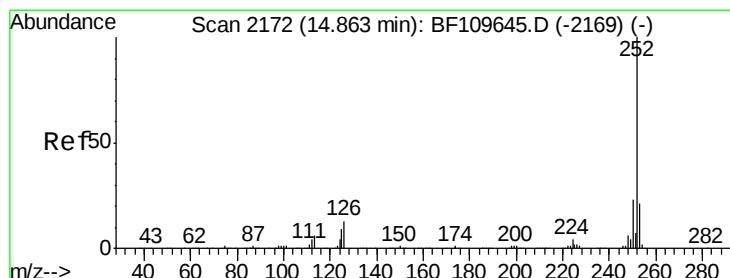
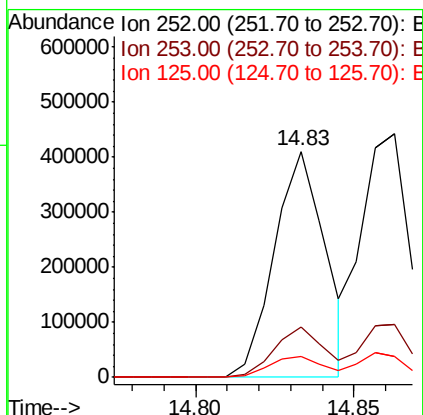
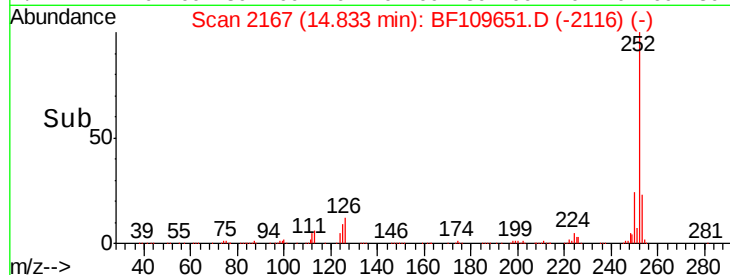
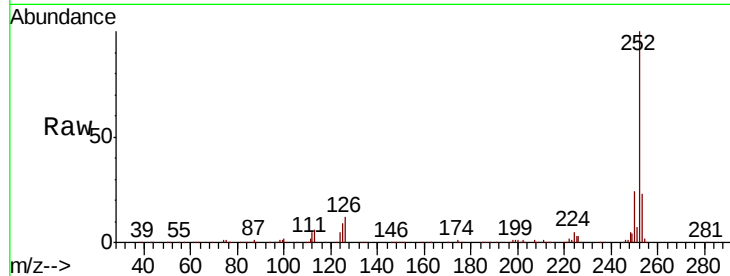




#87  
Benzo(b)fluoranthene  
Concen: 37.609 ng  
RT: 14.83 min Scan# 2167  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

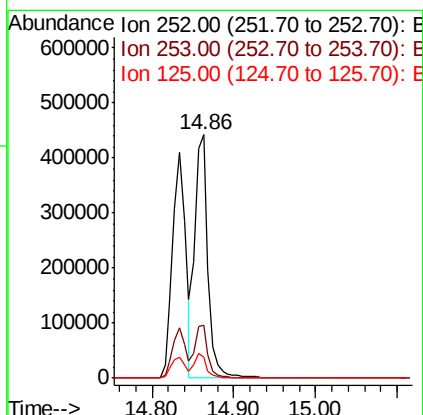
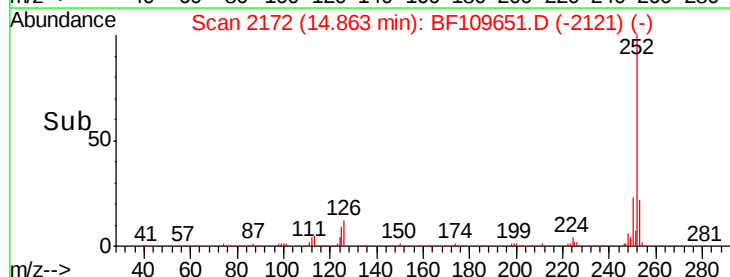
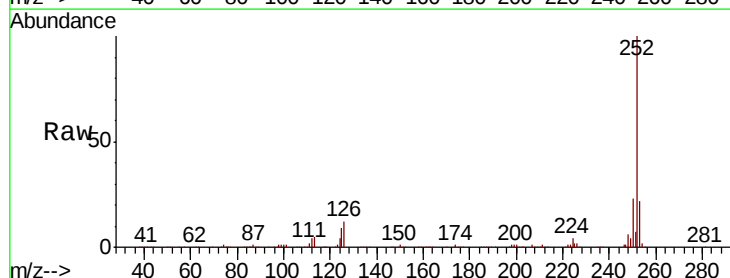
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

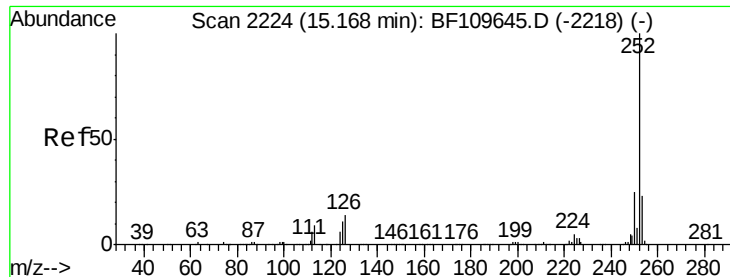
Tgt Ion:252 Resp: 459217  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.2 25.8  
125 9.1 8.2 12.4



#88  
Benzo(k)fluoranthene  
Concen: 40.208 ng  
RT: 14.86 min Scan# 2172  
Delta R.T. 0.00 min  
Lab File: BF109651.D  
Acq: 8 Oct 2018 16:46

Tgt Ion:252 Resp: 493278  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.2 25.8  
125 8.6 7.4 11.0





#89

Benzo(a)pyrene

Concen: 38.861 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

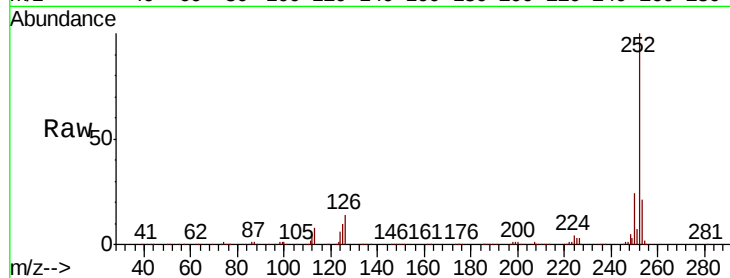
Tgt Ion:252 Resp: 430594

Ion Ratio Lower Upper

252 100

253 20.9 18.2 27.4

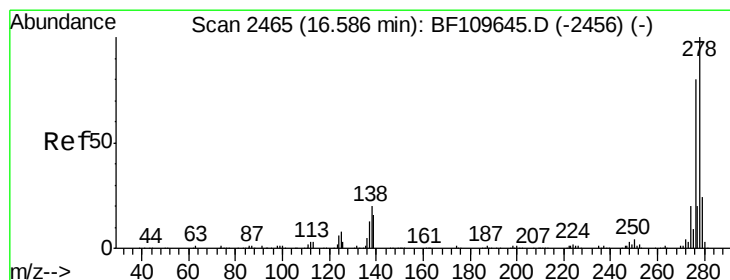
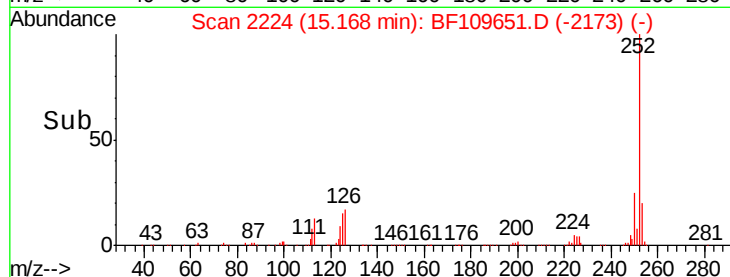
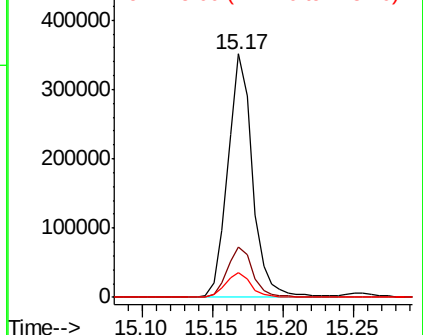
125 10.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.707 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

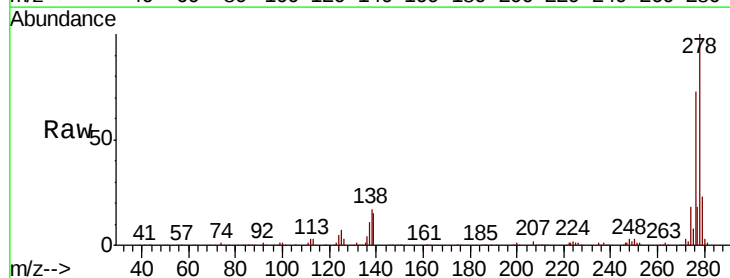
Tgt Ion:278 Resp: 352237

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

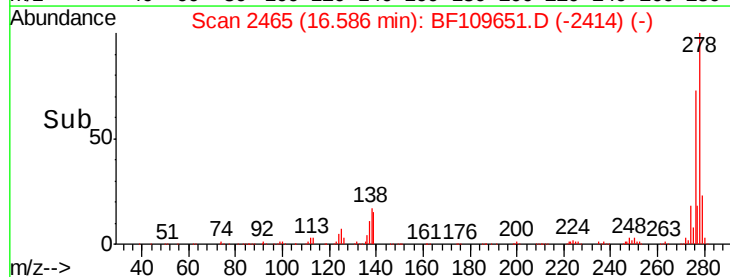
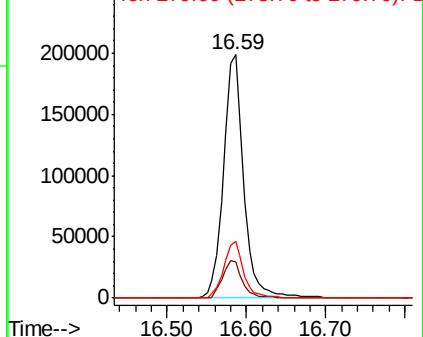
279 23.2 19.0 28.4

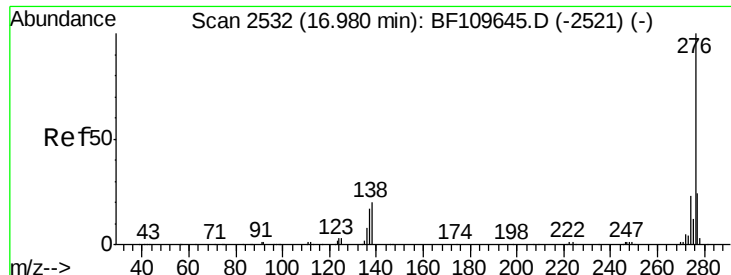


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.322 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF109651.D

Acq: 8 Oct 2018 16:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

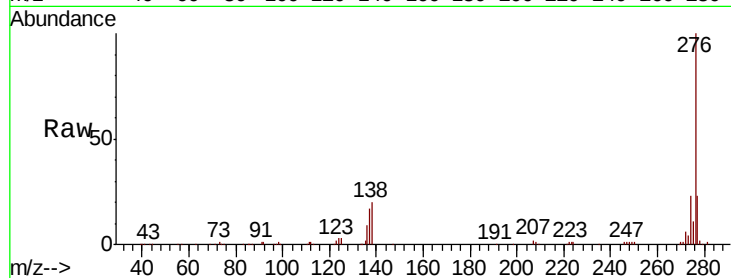
Tgt Ion: 276 Resp: 357329

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.0 16.0 24.0



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

