

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\  
 Data File : BF118885.D  
 Acq On : 11 Feb 2020 15:33  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 12 06:48:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 03 16:26:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.81  | 152  | 359279   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 989891   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.85  | 164  | 546670   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 11.33 | 188  | 1023220  | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 13.97 | 240  | 745539   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.42 | 264  | 735101   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 1555631 | 81.96  | ng | 0.00  |
| 7) Phenol-d6             | 6.45  | 99  | 1960225 | 83.20  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 1778727 | 107.10 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 10.64 | 330 | 526202  | 80.45  | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.17  | 172 | 2476658 | 80.99  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.92 | 244 | 2956800 | 81.46  | ng | -0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.56 | 88  | 376924  | 43.576 | ng | 99     |
| 3) Pyridine                    | 3.30 | 79  | 1044422 | 43.484 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.25 | 42  | 395836  | 45.265 | ng | 97     |
| 6) Aniline                     | 6.47 | 93  | 1237230 | 40.772 | ng | 95     |
| 8) 2-Chlorophenol              | 6.60 | 128 | 875560  | 41.416 | ng | 98     |
| 9) Benzaldehyde                | 6.36 | 77  | 553352  | 41.098 | ng | 98     |
| 10) Phenol                     | 6.46 | 94  | 1054583 | 40.255 | ng | 80     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 833055  | 41.564 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 1022349 | 40.628 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.83 | 146 | 1020111 | 40.641 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 930838  | 38.821 | ng | 98     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 736100  | 40.419 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.09 | 45  | 1011646 | 41.216 | ng | 95     |
| 17) 2-Methylphenol             | 7.07 | 107 | 709939  | 40.392 | ng | 99     |
| 18) Hexachloroethane           | 7.32 | 117 | 355220  | 39.430 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 562592  | 39.026 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 811582  | 36.839 | ng | # 85   |
| 22) Acetophenone               | 7.22 | 105 | 1135482 | 52.797 | ng | 99     |
| 24) Nitrobenzene               | 7.39 | 77  | 893109  | 53.832 | ng | 99     |
| 25) Isophorone                 | 7.63 | 82  | 1166667 | 39.088 | ng | 99     |
| 26) 2-Nitrophenol              | 7.71 | 139 | 368920  | 41.730 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 480717  | 40.029 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 754204  | 38.968 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 578073  | 40.194 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 668531  | 39.769 | ng | 99     |
| 31) Naphthalene                | 8.12 | 128 | 1832874 | 40.484 | ng | 100    |
| 32) Benzoic acid               | 7.89 | 122 | 373233  | 37.538 | ng | 99     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 812185  | 40.097 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 401399  | 38.975 | ng | 99     |
| 35) Caprolactam                | 8.55 | 113 | 186206  | 39.939 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 582501  | 40.246 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 1251169 | 39.847 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 1174618 | 39.766 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 665021  | 40.307 | ng | 100    |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

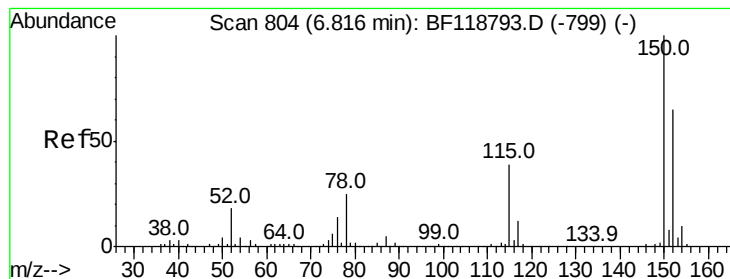
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 12 06:48:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 03 16:26:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.96  | 237  | 236807   | 36.604 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.09  | 196  | 435680   | 39.489 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.13  | 196  | 454253   | 40.295 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.27  | 154  | 1538788  | 40.692 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 1270533  | 40.415 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.39  | 65   | 378423   | 41.735 | ng    | 91       |
| 49) Acenaphthylene             | 9.71  | 152  | 1864336  | 41.072 | ng    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 1511385  | 40.603 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.63  | 165  | 349043   | 40.982 | ng    | 93       |
| 52) Acenaphthene               | 9.88  | 154  | 1119608  | 37.431 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.80  | 138  | 393565   | 41.666 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 9.91  | 184  | 159280   | 38.901 | ng    | 92       |
| 55) Dibenzofuran               | 10.05 | 168  | 1686936  | 39.025 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.97  | 139  | 252788   | 36.978 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 10.04 | 165  | 461210   | 40.919 | ng    | 97       |
| 58) Fluorene                   | 10.40 | 166  | 1280945  | 39.389 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 381983   | 38.799 | ng    | 99       |
| 60) Diethylphthalate           | 10.27 | 149  | 1409678  | 38.947 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.39 | 204  | 683613   | 38.762 | ng    | 100      |
| 62) 4-Nitroaniline             | 10.42 | 138  | 399714   | 42.257 | ng    | 99       |
| 63) Azobenzene                 | 10.55 | 77   | 1222206  | 39.552 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 240638   | 41.853 | ng    | 86       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 1184875  | 39.977 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 477977   | 39.488 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.95 | 284  | 552899   | 39.824 | ng    | # 93     |
| 69) Atrazine                   | 11.03 | 200  | 374765   | 37.953 | ng    | 98       |
| 70) Pentachlorophenol          | 11.14 | 266  | 245305   | 33.463 | ng    | 98       |
| 71) Phenanthrene               | 11.36 | 178  | 1976956  | 39.269 | ng    | 99       |
| 72) Anthracene                 | 11.41 | 178  | 1965267  | 39.240 | ng    | 99       |
| 73) Carbazole                  | 11.56 | 167  | 1802680  | 41.013 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 2106918  | 37.629 | ng    | 99       |
| 75) Fluoranthene               | 12.54 | 202  | 2107041  | 38.333 | ng    | 100      |
| 77) Benzidine                  | 12.66 | 184  | 818579   | 36.302 | ng    | 99       |
| 78) Pyrene                     | 12.77 | 202  | 2136914  | 41.781 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 926848   | 39.703 | ng    | 100      |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1850971  | 41.722 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 738988   | 40.727 | ng    | 100      |
| 83) Chrysene                   | 14.00 | 228  | 1821747  | 40.914 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149  | 1152415  | 38.910 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 1896112  | 37.370 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.86 | 276  | 1602615  | 35.823 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 15.00 | 252  | 1915869  | 42.001 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 1568232  | 39.481 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.36 | 252  | 1557610  | 39.901 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.87 | 278  | 1315861  | 37.971 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.29 | 276  | 1279325  | 38.386 | ng    | 99       |

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



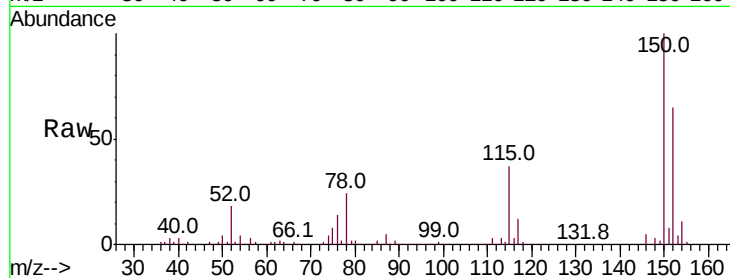


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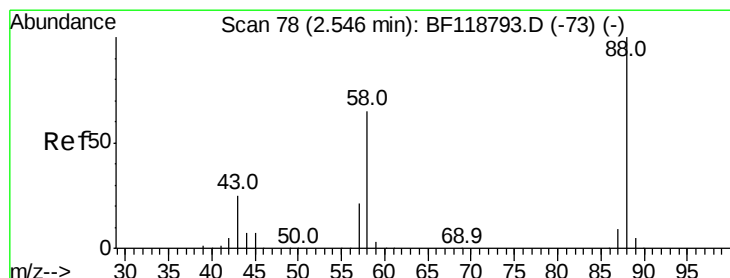
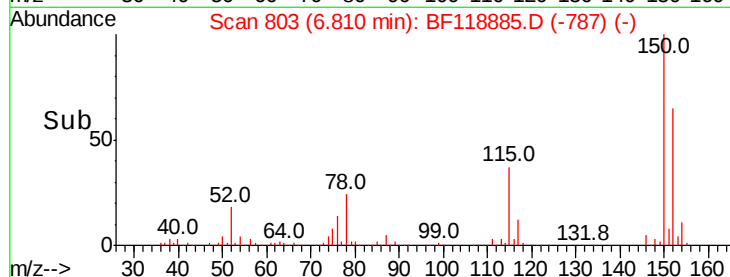
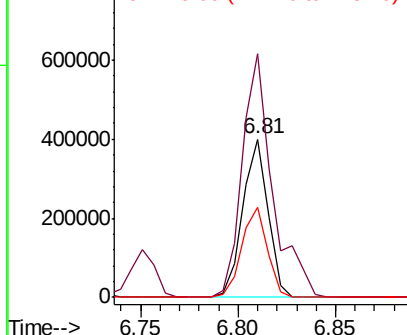
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.81 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 359279  
Ion Ratio Lower Upper  
152 100  
150 153.9 123.6 185.4  
115 56.6 48.2 72.2



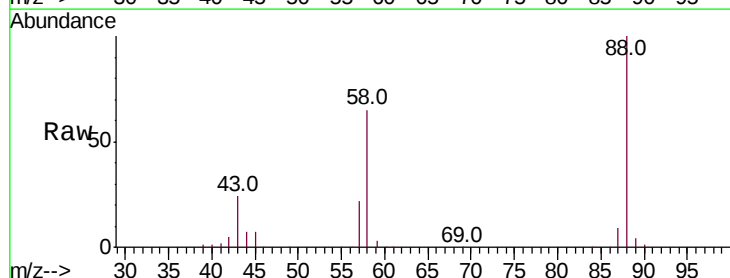
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



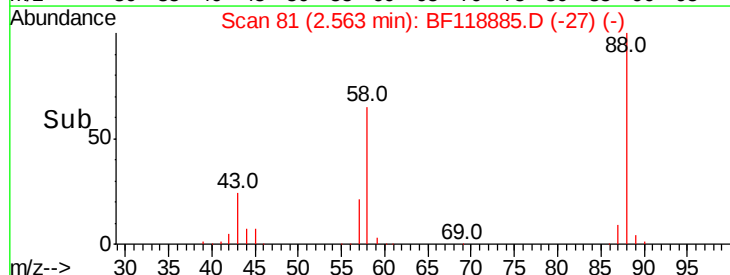
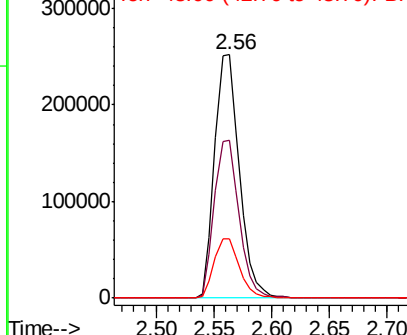
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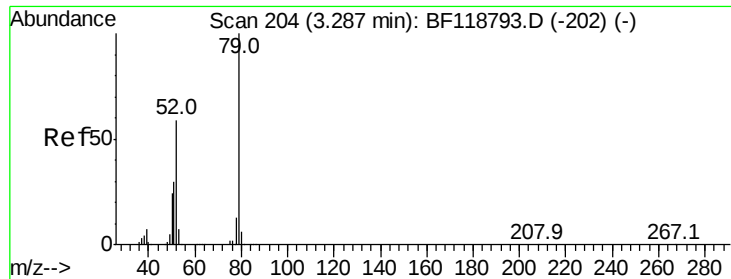
1,4-Dioxane  
Concen: 43.576 ng  
RT: 2.56 min Scan# 81  
Delta R.T. 0.02 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion: 88 Resp: 376924  
Ion Ratio Lower Upper  
88 100  
58 65.0 51.6 77.4  
43 24.9 19.8 29.6



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





#3

Pvridine

Concen: 43.484 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

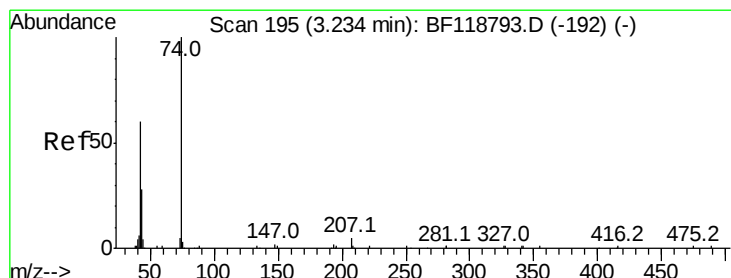
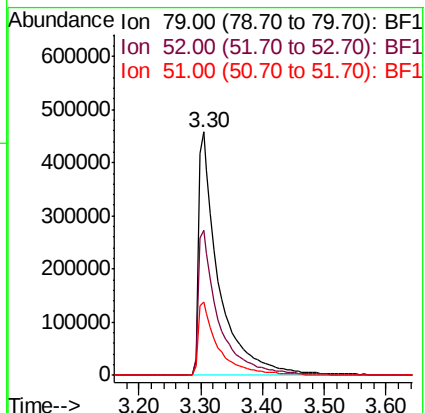
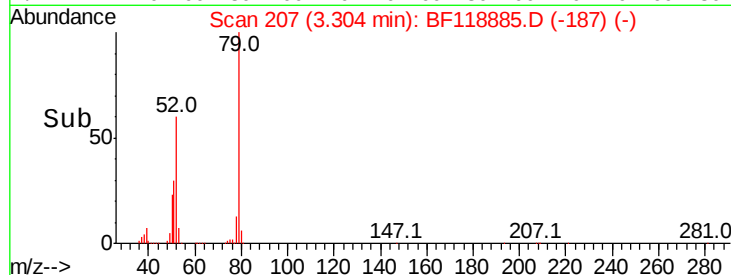
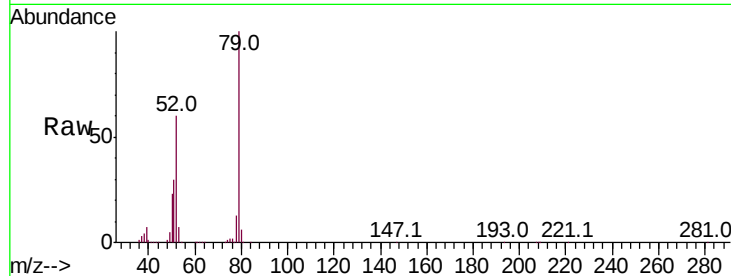
Tot Ion: 79 Resp: 1044422

Ion Ratio Lower Upper

79 100

52 59.6 47.4 71.0

51 29.9 24.2 36.4



#4

n-Nitrosodimethylamine

Concen: 45.265 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

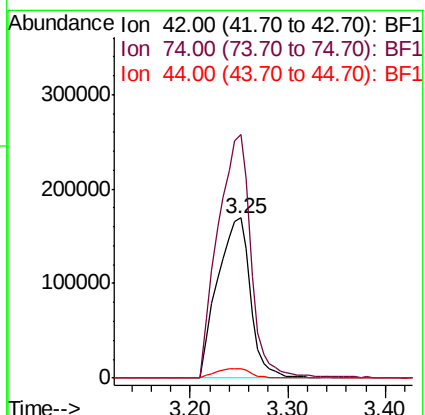
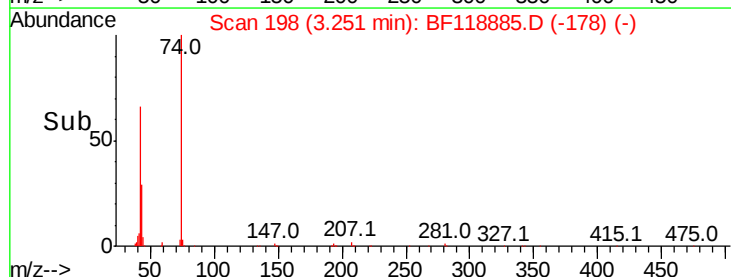
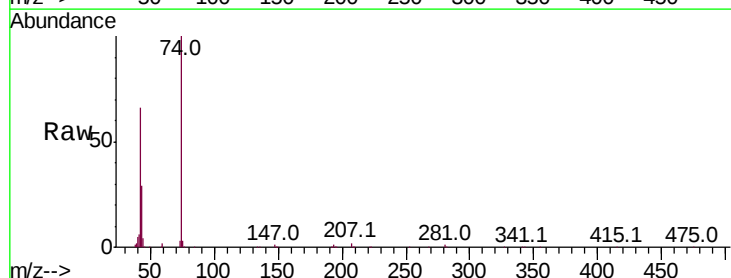
Tgt Ion: 42 Resp: 395836

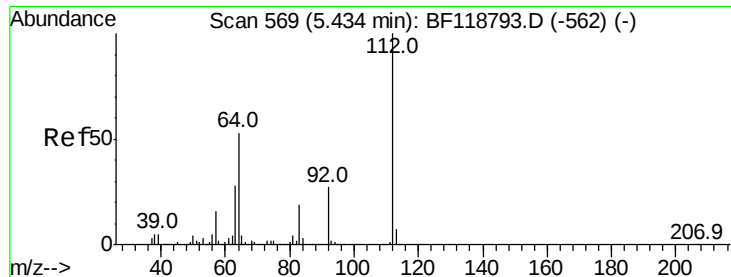
Ion Ratio Lower Upper

42 100

74 151.8 124.3 186.5

44 6.2 5.3 7.9





#5

2-Fluorophenol

Concen: 81.961 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

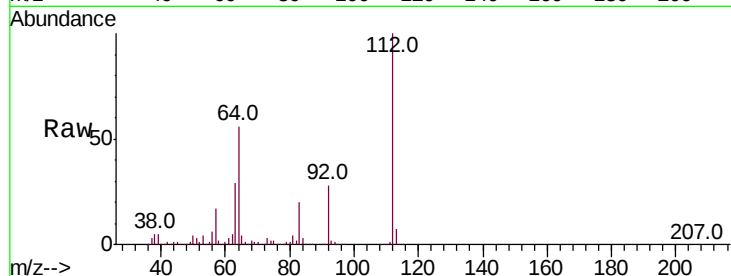
Tot Ion:112 Resp: 1555631

Ion Ratio Lower Upper

112 100

64 56.1 42.6 63.8

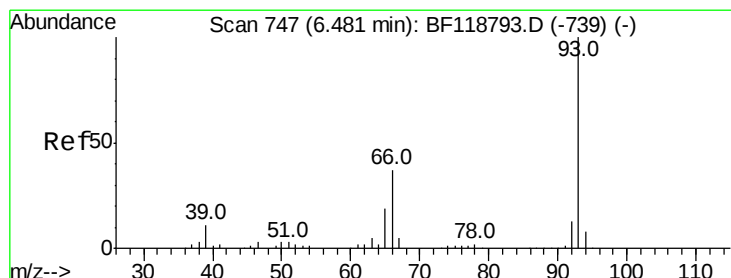
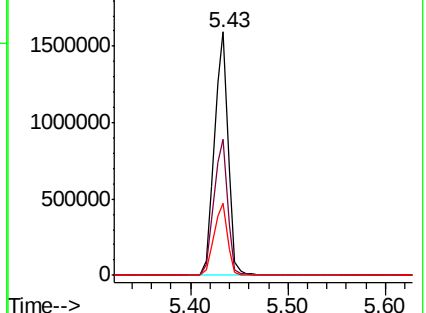
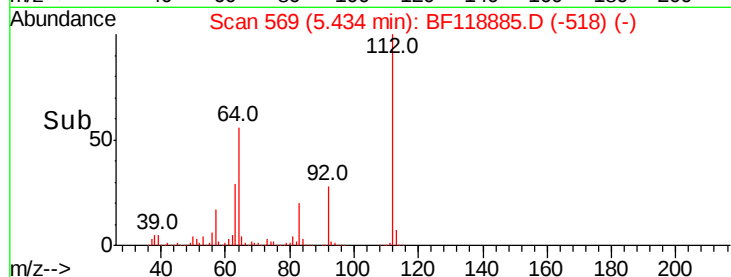
63 29.4 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.772 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

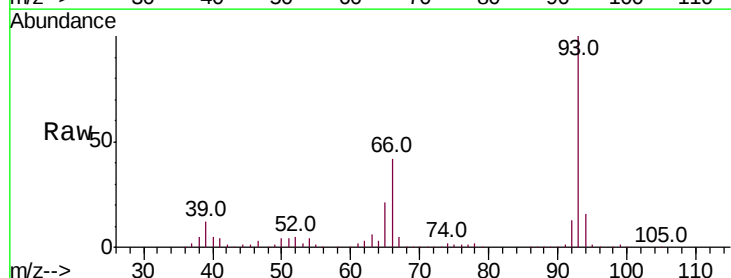
Tgt Ion: 93 Resp: 1237230

Ion Ratio Lower Upper

93 100

66 41.7 30.8 46.2

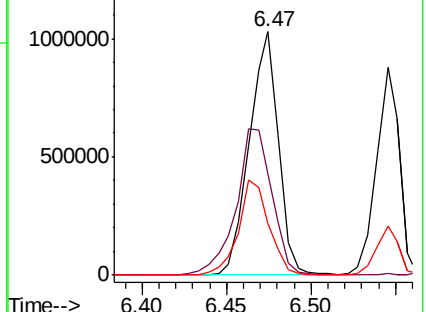
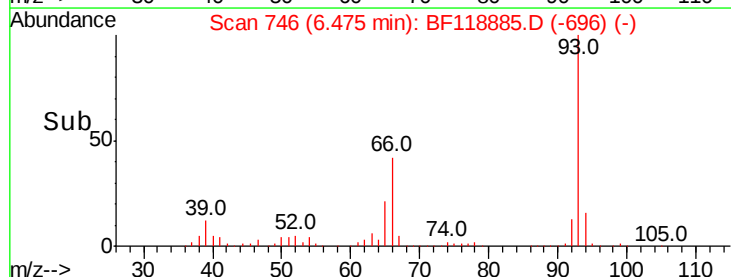
65 21.4 15.4 23.0

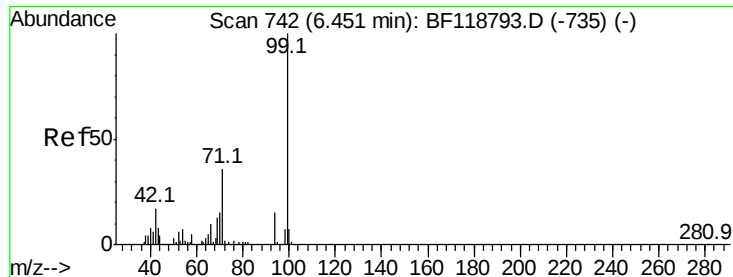


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.198 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

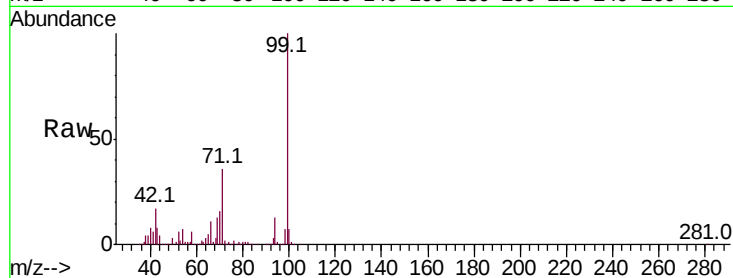
Tot Ion: 99 Resp: 1960225

Ion Ratio Lower Upper

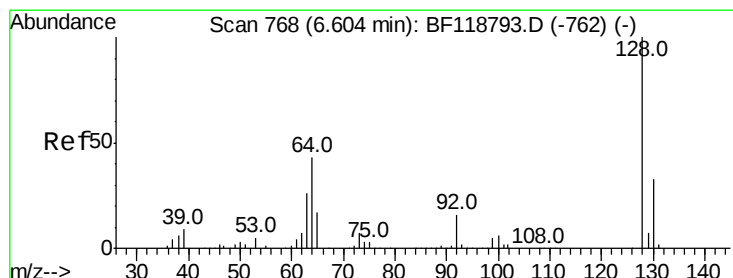
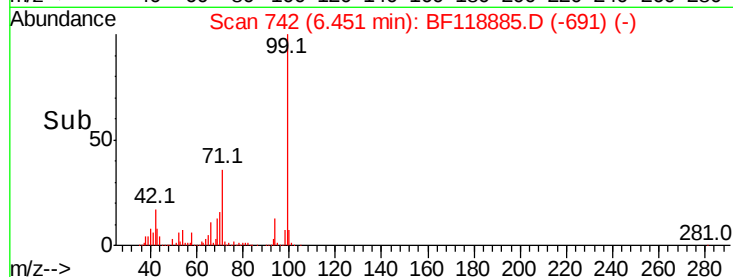
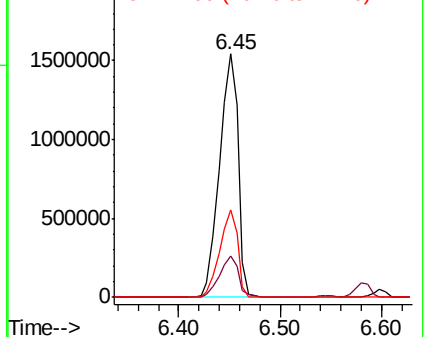
99 100

42 16.9 13.4 20.0

71 36.0 29.0 43.6



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: 41.416 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

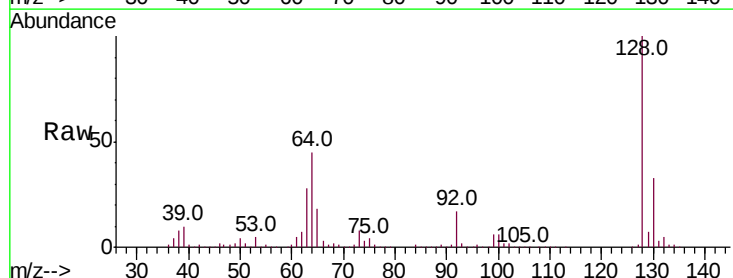
Tgt Ion:128 Resp: 875560

Ion Ratio Lower Upper

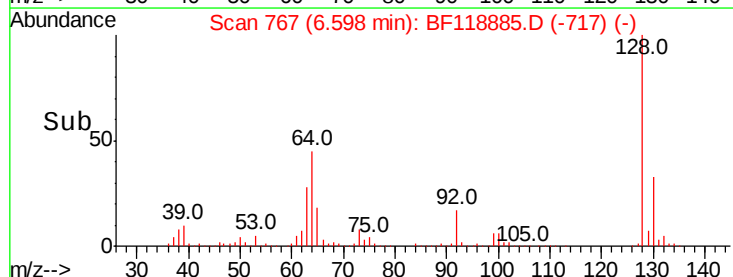
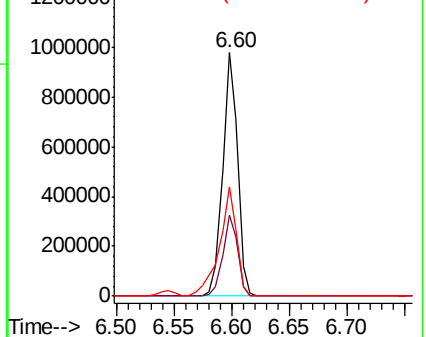
128 100

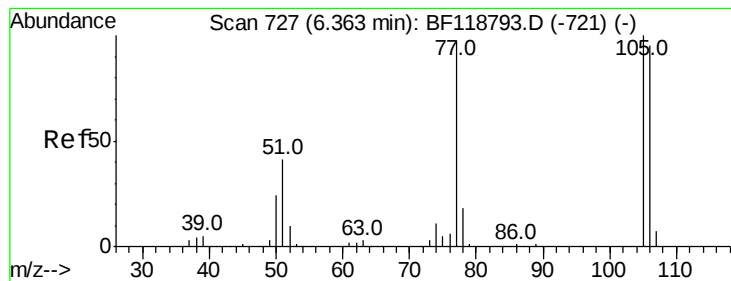
130 33.1 13.1 53.1

64 44.8 23.0 63.0



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: 41.098 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

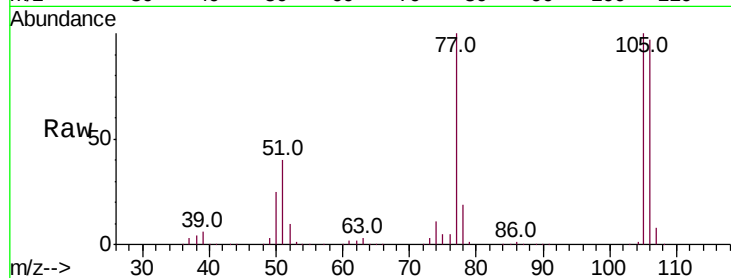
Tot Ion: 77 Resp: 553352

Ion Ratio Lower Upper

77 100

105 100.2 82.8 122.8

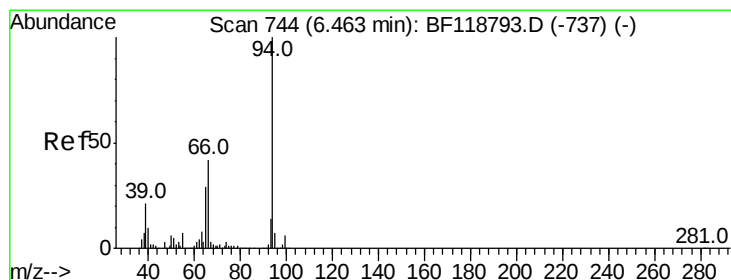
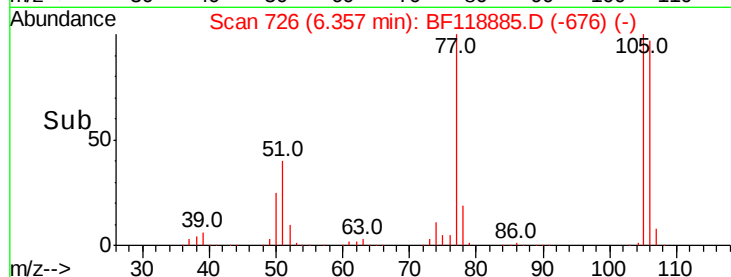
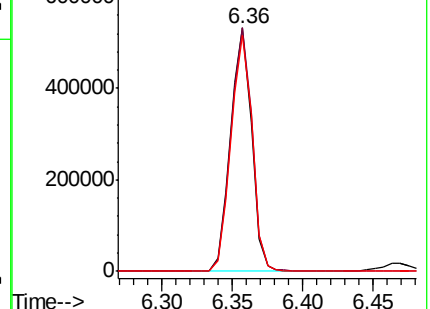
106 96.9 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.255 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

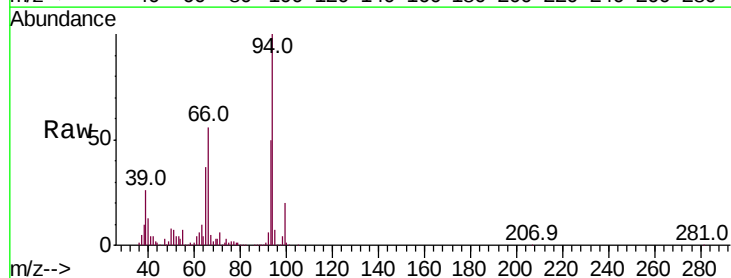
Tgt Ion: 94 Resp: 1054583

Ion Ratio Lower Upper

94 100

65 36.8 9.1 49.1

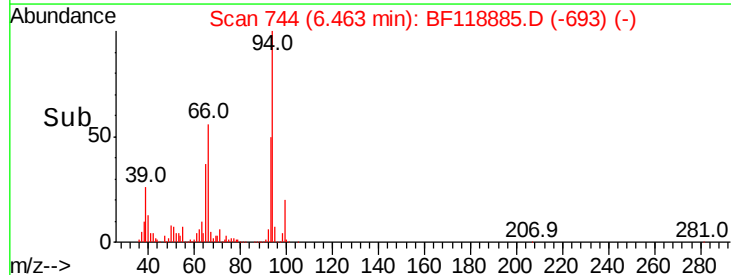
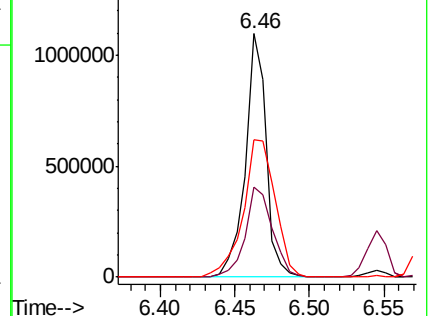
66 56.4 21.7 61.7

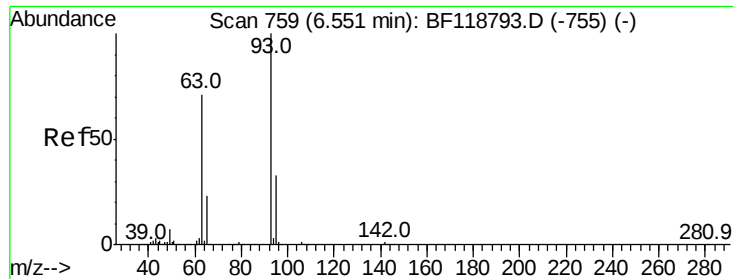


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

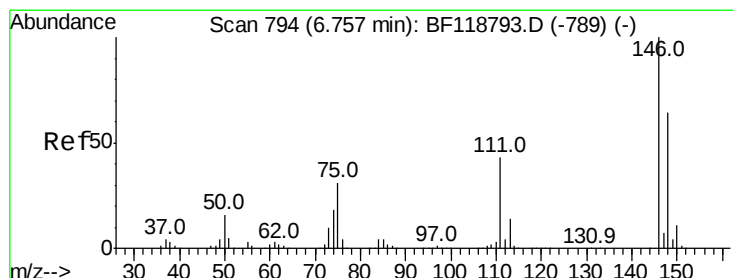
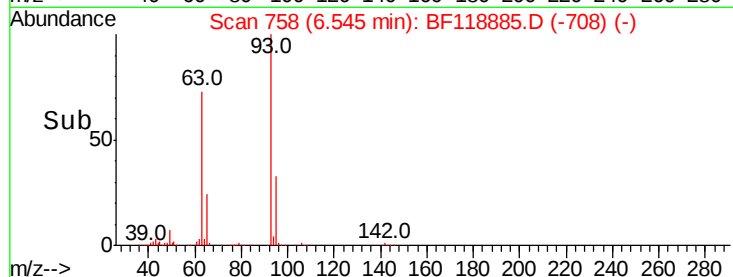
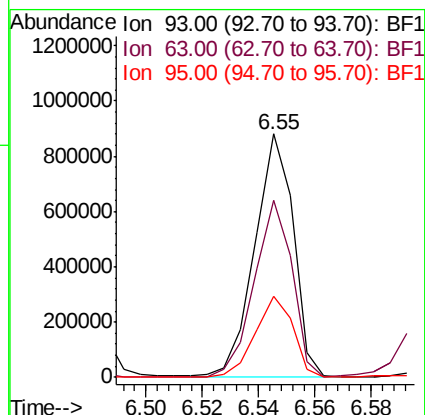
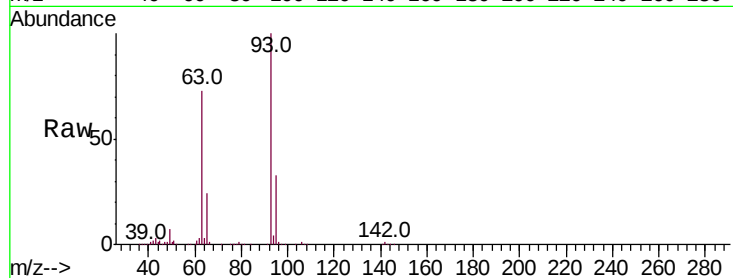




#11  
bis(2-Chloroethyl)ether  
Concen: 41.564 ng  
RT: 6.55 min Scan# 758  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

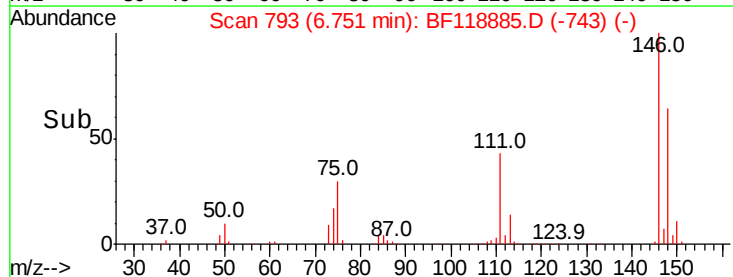
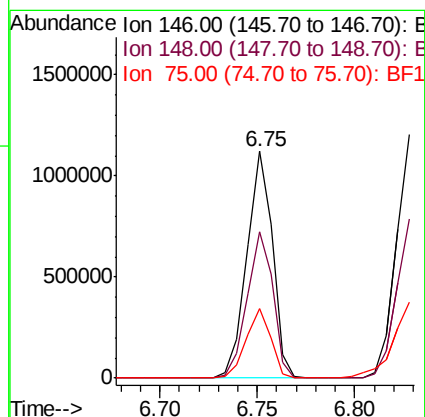
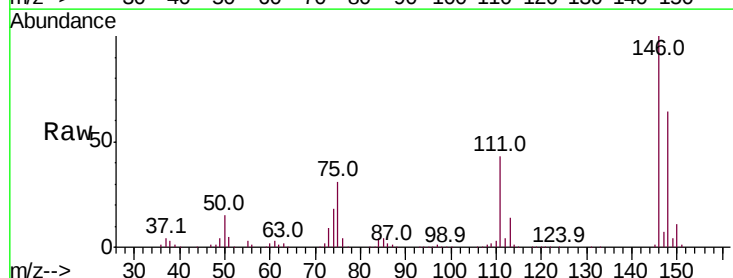
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

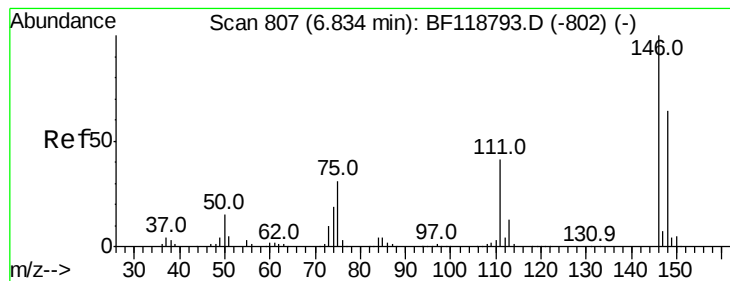
Tot Ion: 93 Resp: 833055  
Ion Ratio Lower Upper  
93 100  
63 72.8 50.7 90.7  
95 33.0 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 40.628 ng  
RT: 6.75 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion: 146 Resp: 1022349  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.1 76.7  
75 30.8 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 40.641 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

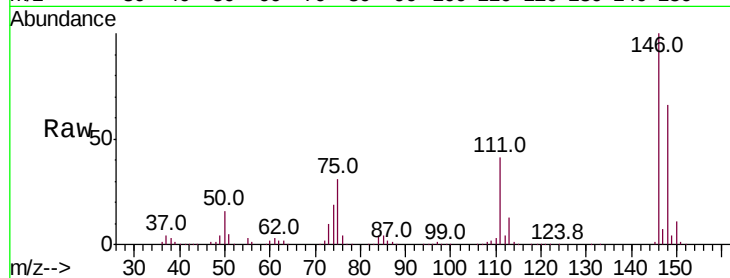
Tot Ion:146 Resp: 1020111

Ion Ratio Lower Upper

146 100

148 65.5 51.6 77.4

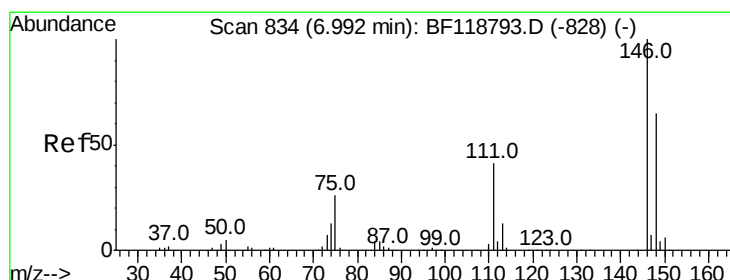
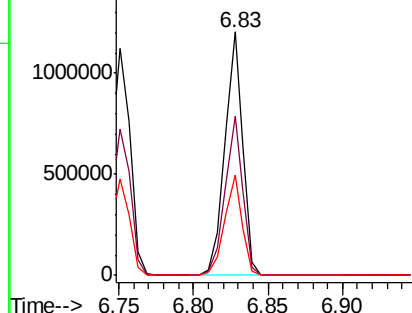
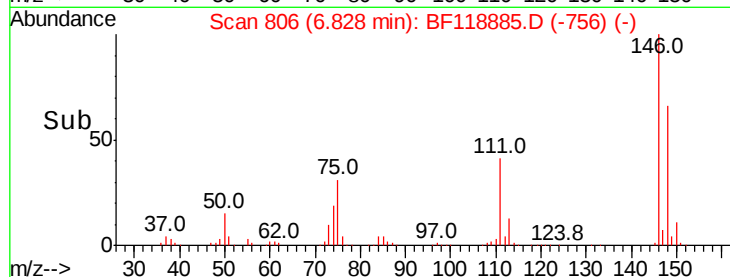
111 41.2 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.821 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

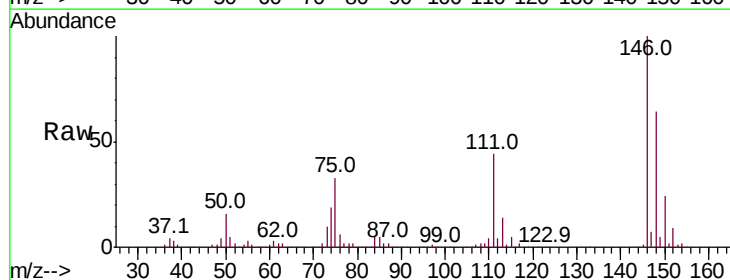
Tgt Ion:146 Resp: 930838

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

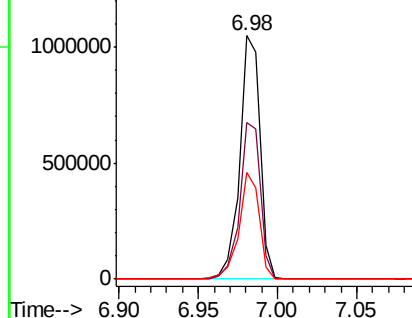
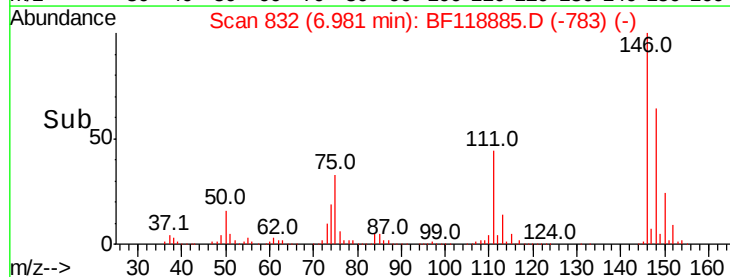
111 43.9 32.7 49.1

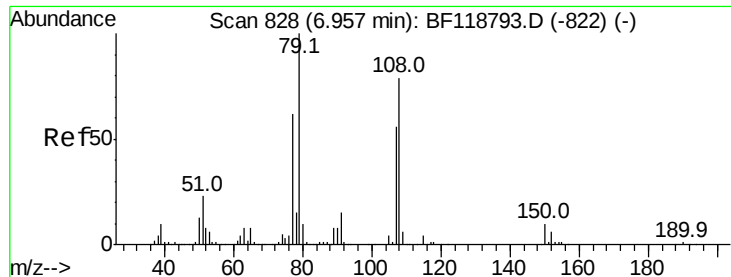


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.419 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

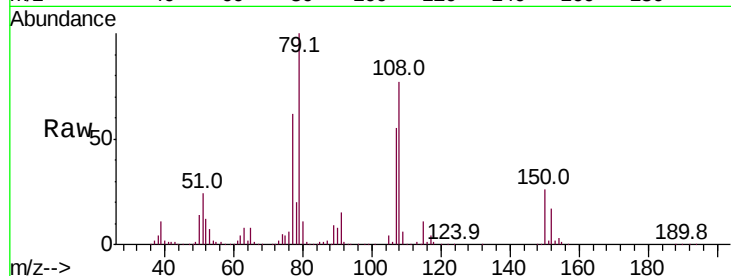
Tot Ion: 79 Resp: 736100

Ion Ratio Lower Upper

79 100

108 77.0 62.9 94.3

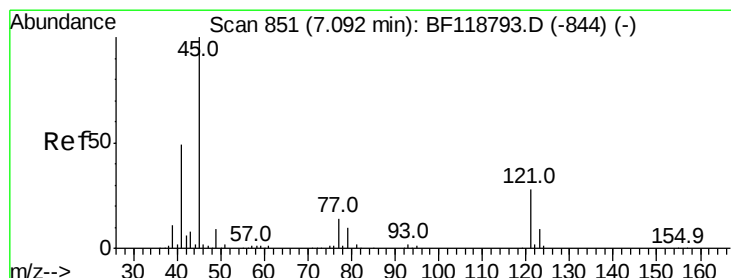
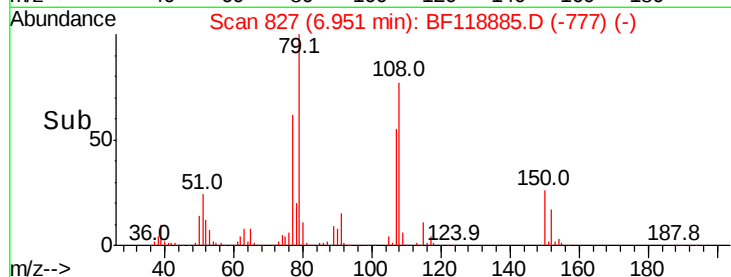
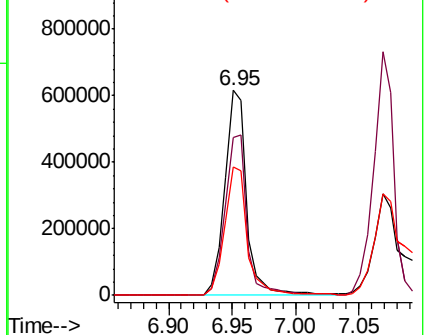
77 62.5 50.0 75.0



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: 41.216 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

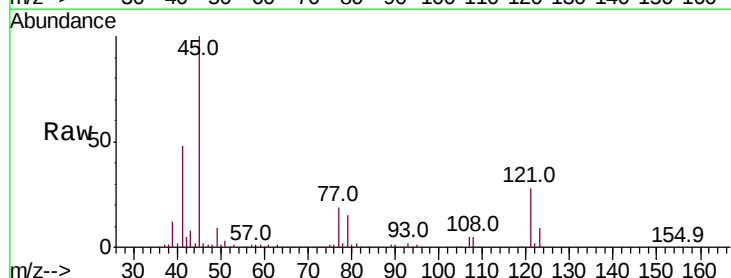
Tgt Ion: 45 Resp: 1011646

Ion Ratio Lower Upper

45 100

77 19.2 0.0 37.1

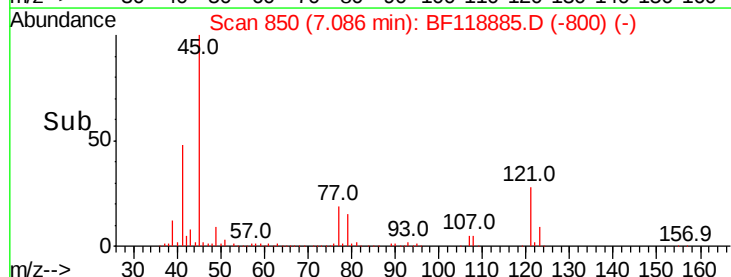
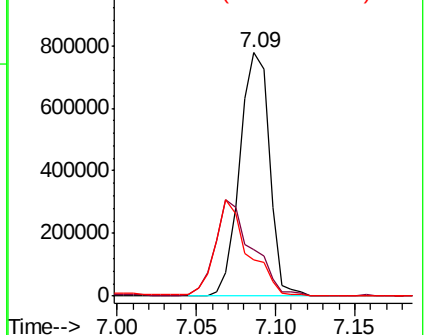
79 15.0 0.0 33.1

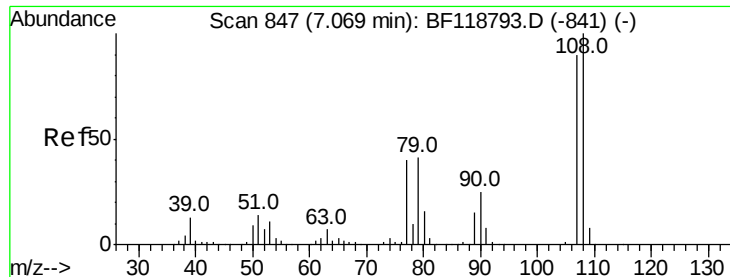


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

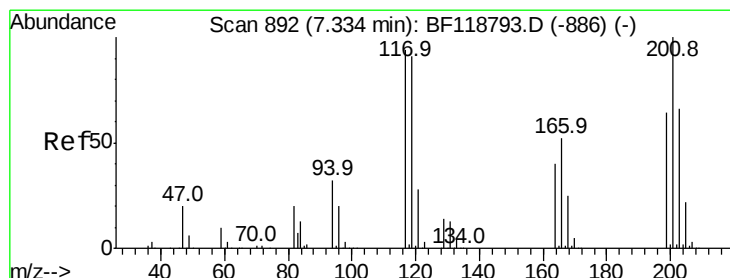
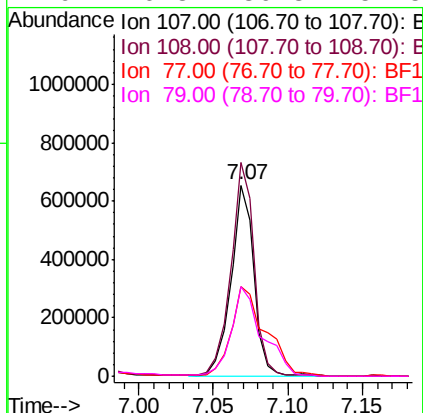
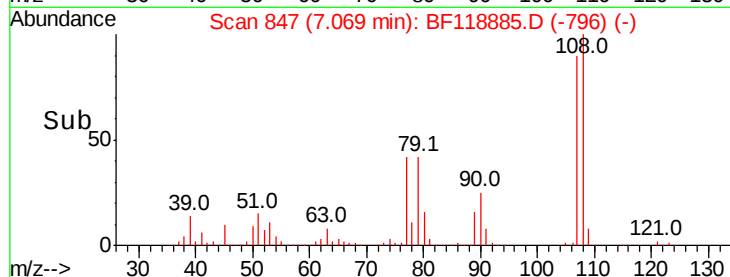
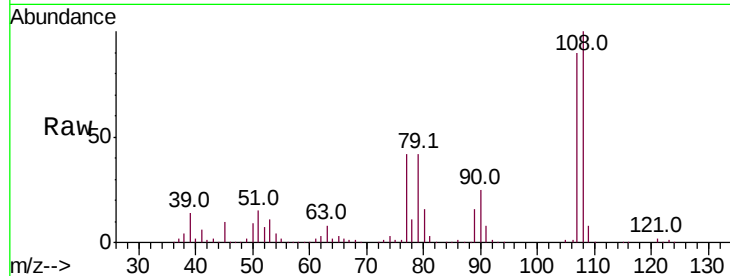




#17  
2-Methylphenol  
Concen: 40.392 ng  
RT: 7.07 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

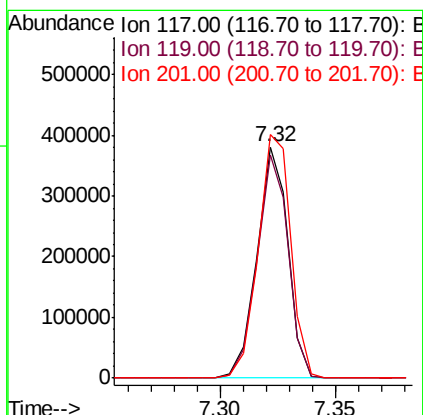
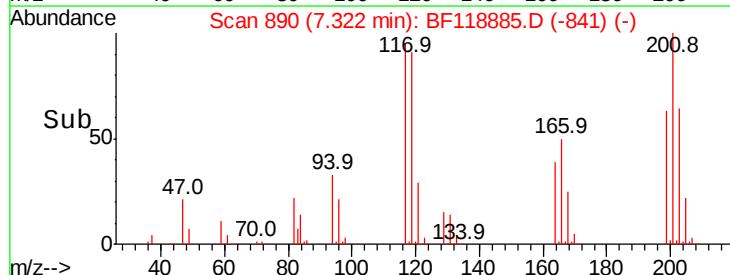
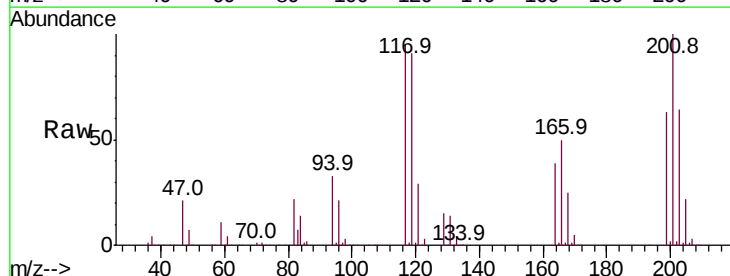
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

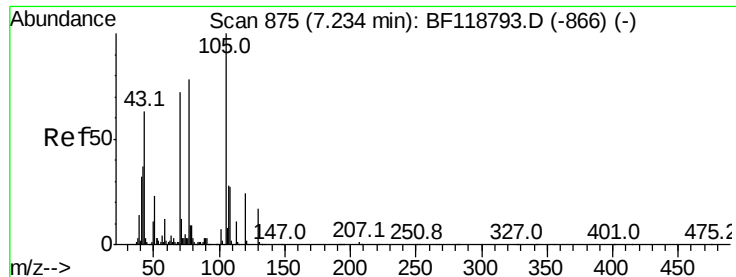
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.7 | 89.3  | 133.9 |
| 77      | 46.8  | 36.2  | 54.2  |
| 79      | 46.8  | 36.3  | 54.5  |



#18  
Hexachloroethane  
Concen: 39.430 ng  
RT: 7.32 min Scan# 890  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.3  | 77.4  | 116.0 |
| 201     | 105.4 | 85.1  | 127.7 |

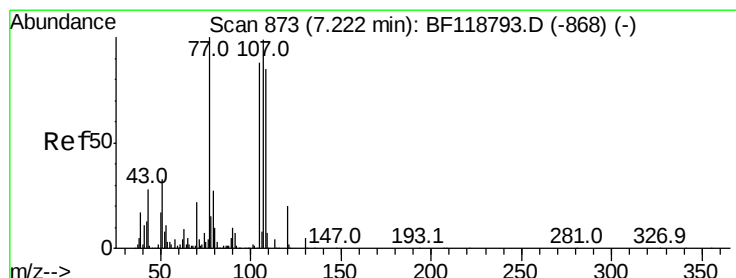
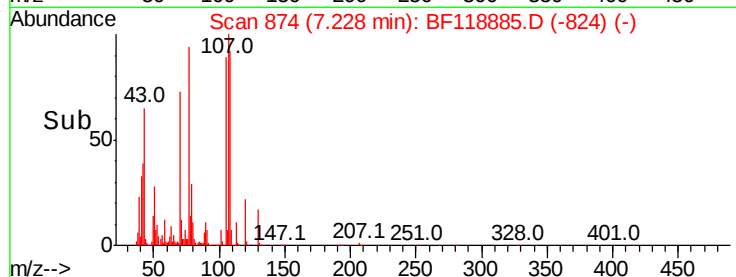
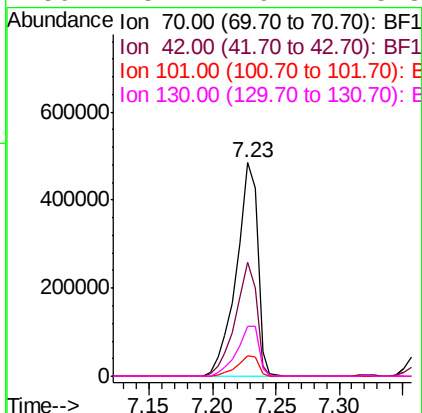
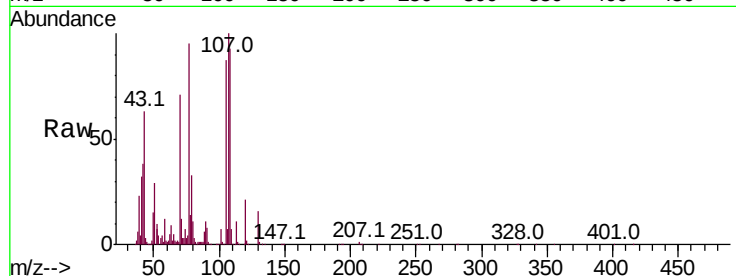




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.026 ng  
RT: 7.23 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

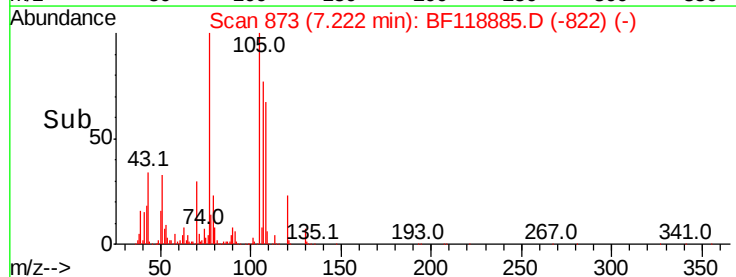
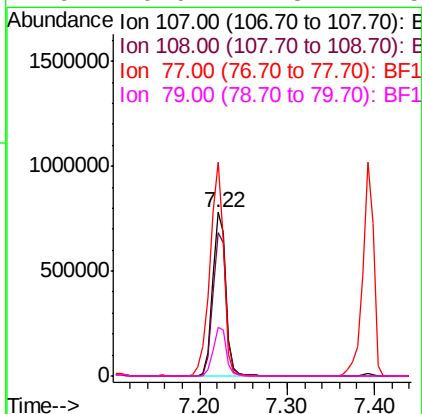
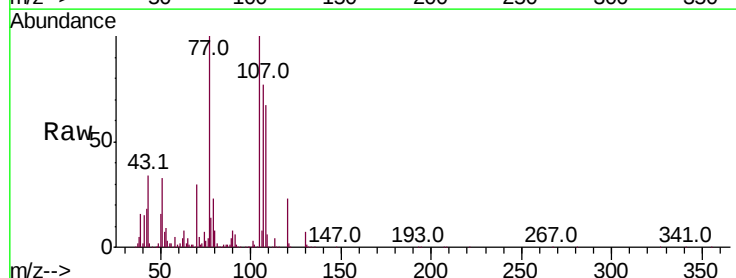
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

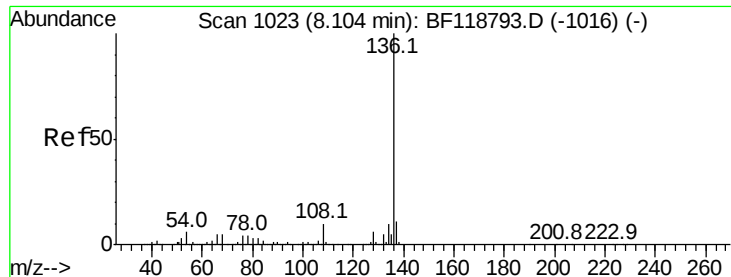
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 562592 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.5  | 41.5  | 62.3   |
| 101      | 9.8   | 8.3   | 12.5   |
| 130      | 23.1  | 19.2  | 28.8   |



#20  
3+4-Methylphenols  
Concen: 36.839 ng  
RT: 7.22 min Scan# 873  
Delta R.T. -0.00 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 811582 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.5  | 65.9  | 105.9  |
| 77       | 130.6 | 80.9  | 120.9# |
| 79       | 29.9  | 7.5   | 47.5   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 989891

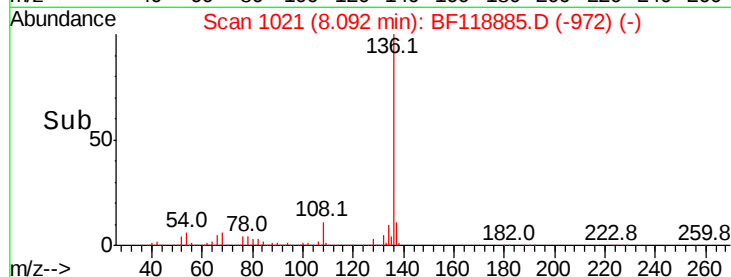
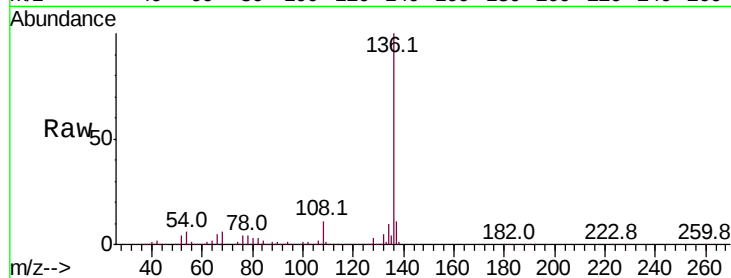
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.2 6.4

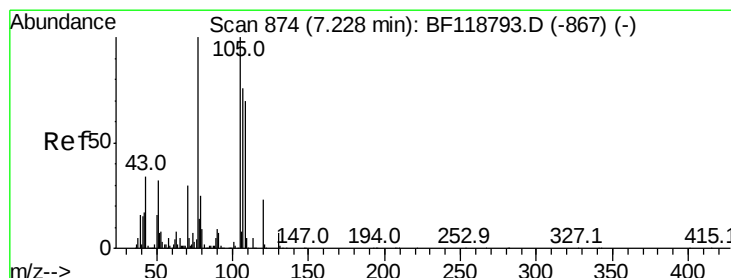
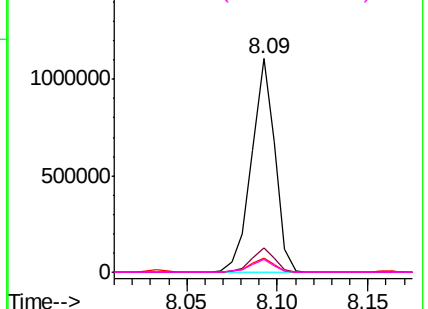


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 52.797 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Tgt Ion:105 Resp: 1135482

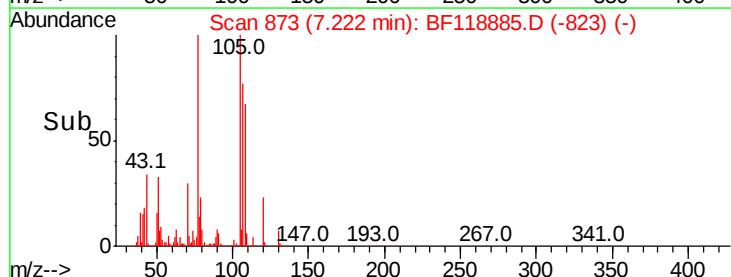
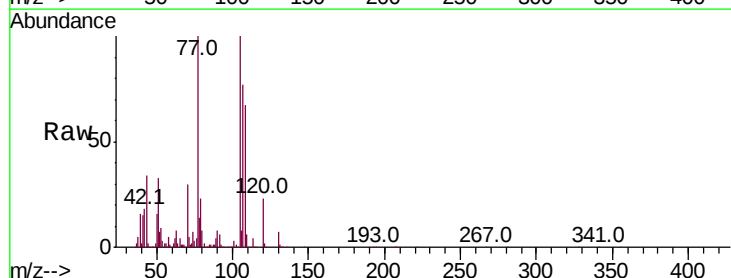
Ion Ratio Lower Upper

105 100

71 5.1 4.2 6.4

51 32.9 25.5 38.3

120 23.3 18.6 28.0

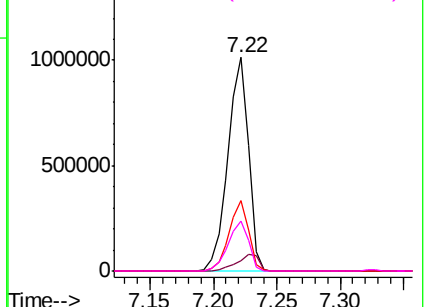


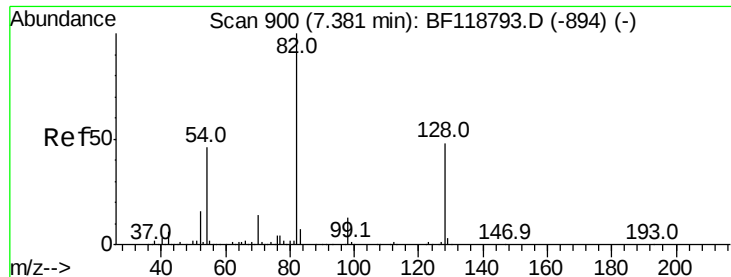
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

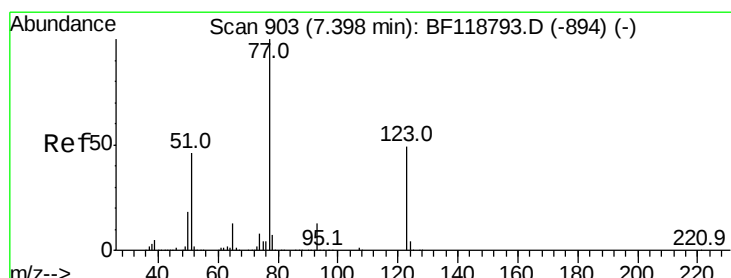
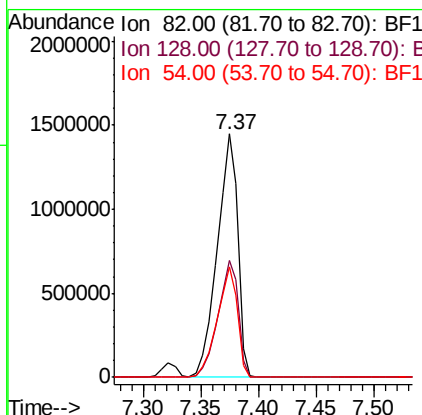
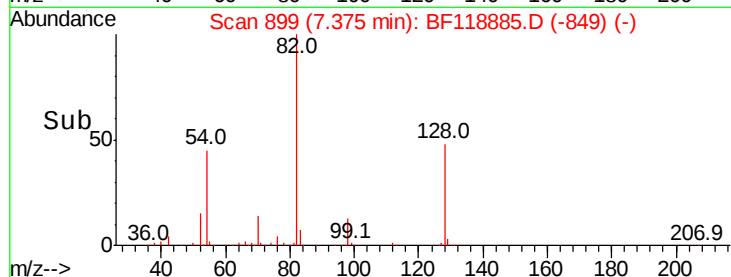
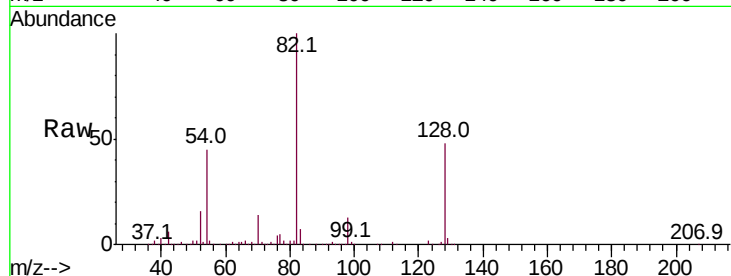




#23  
Nitrobenzene-d5  
Concen: 107.104 ng  
RT: 7.37 min Scan# 899  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

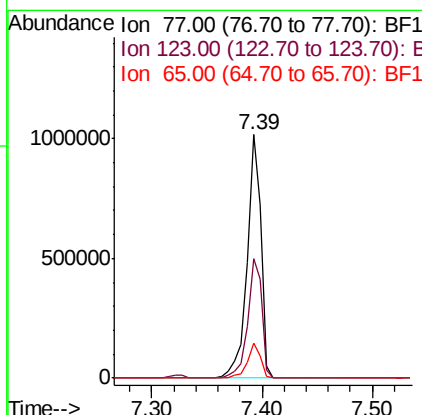
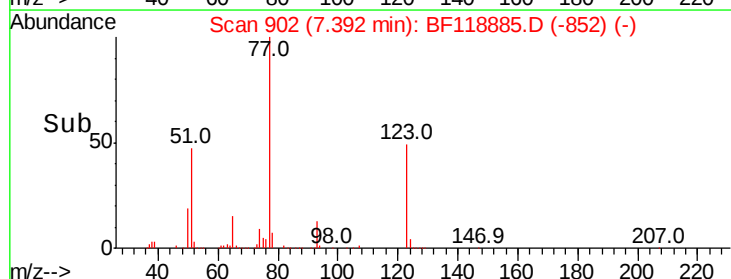
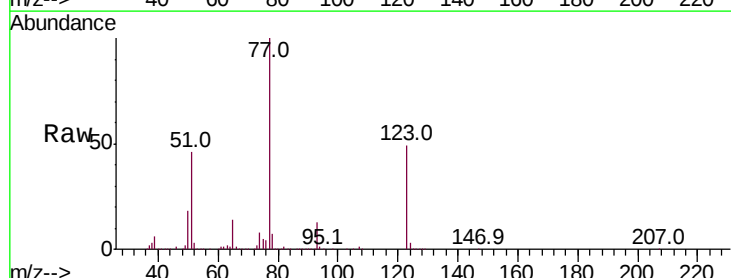
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

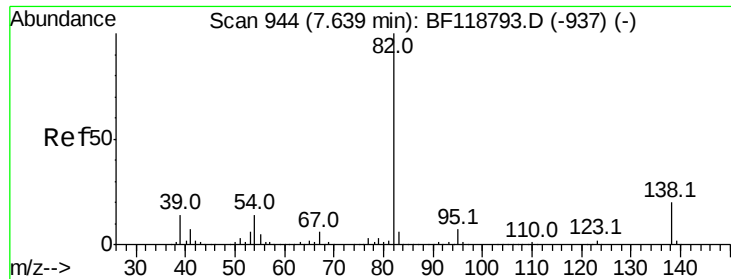
Tot Ion: 82 Resp: 1778727  
Ion Ratio Lower Upper  
82 100  
128 47.9 38.5 57.7  
54 45.4 36.7 55.1



#24  
Nitrobenzene  
Concen: 53.832 ng  
RT: 7.39 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion: 77 Resp: 893109  
Ion Ratio Lower Upper  
77 100  
123 48.9 39.0 58.4  
65 14.1 10.6 15.8





#25

Isophorone

Concen: 39.088 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

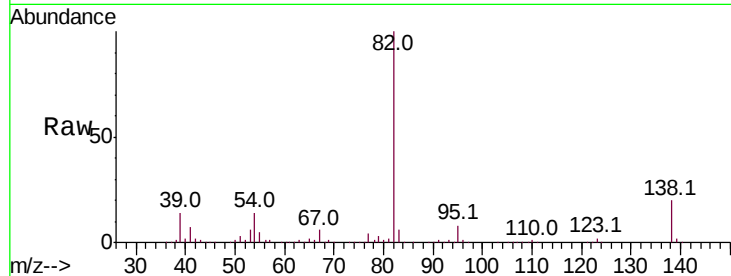
Tot Ion: 82 Resp: 1166667

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

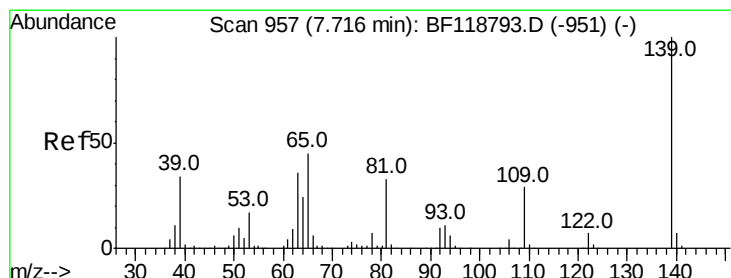
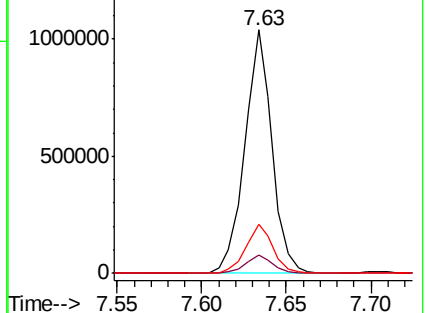
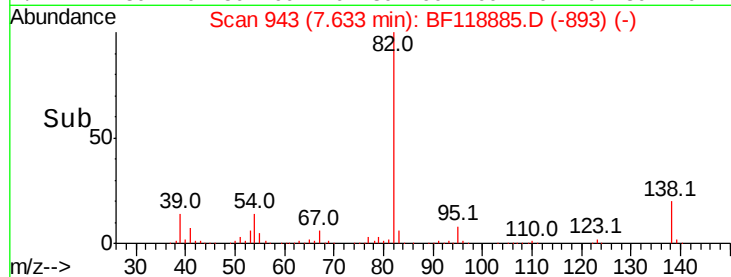
138 20.1 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.730 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

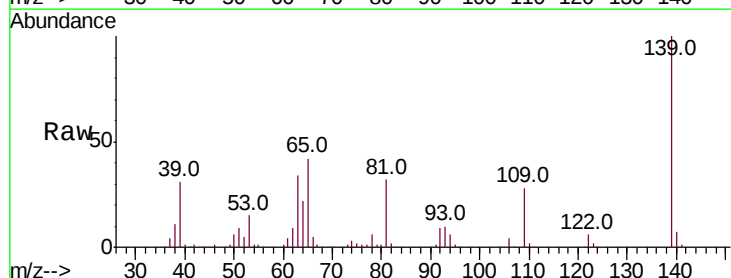
Tgt Ion: 139 Resp: 368920

Ion Ratio Lower Upper

139 100

109 28.2 23.4 35.0

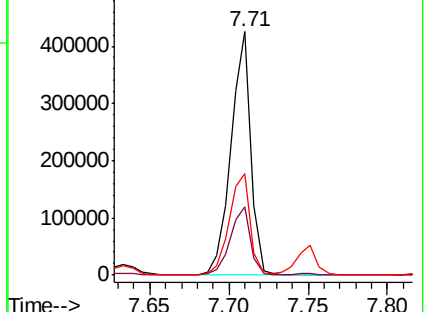
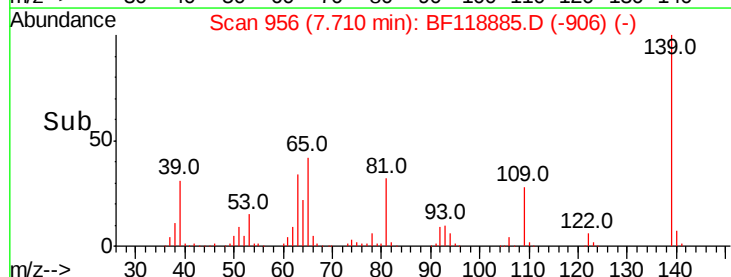
65 41.7 36.2 54.2

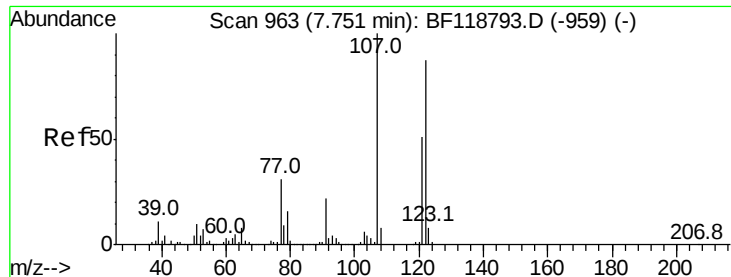


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

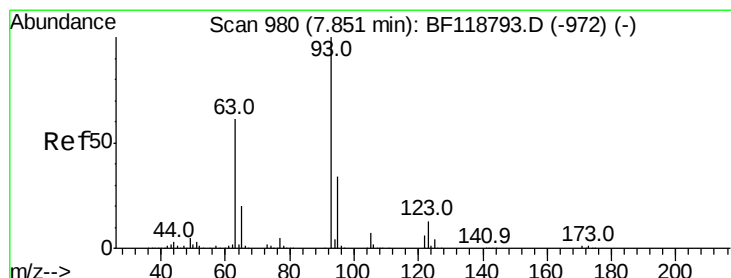
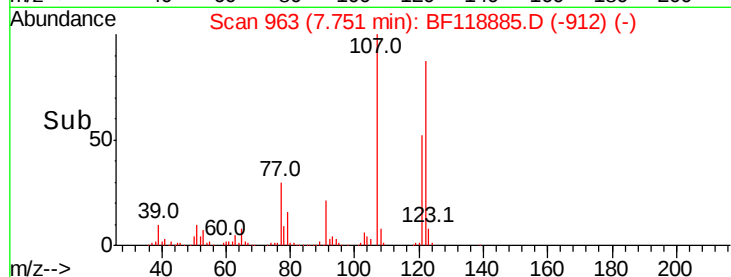
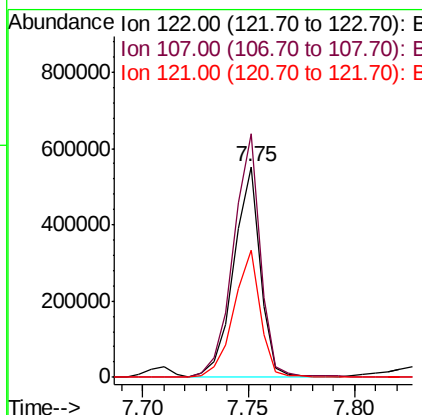
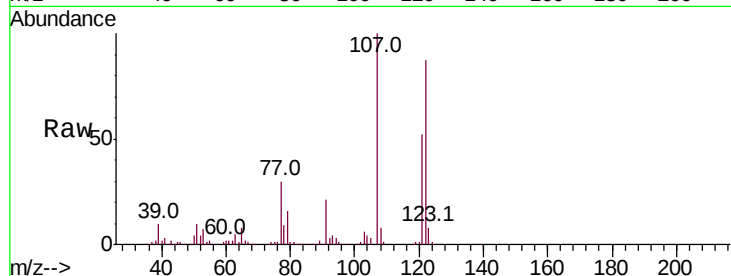




#27  
 2,4-Dimethylphenol  
 Concen: 40.029 ng  
 RT: 7.75 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

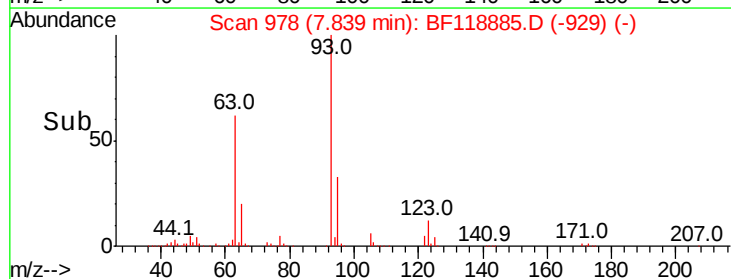
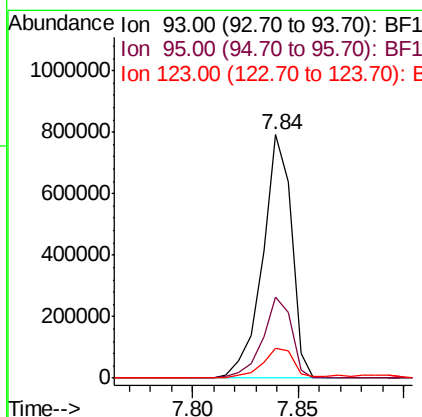
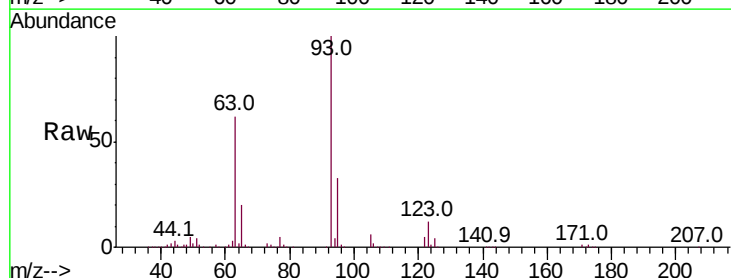
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

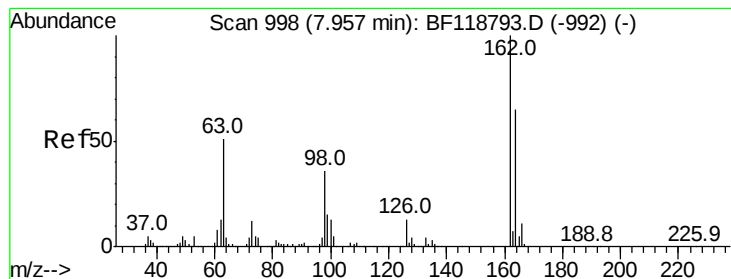
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.4 | 92.2  | 138.2 |
| 121     | 60.1  | 46.8  | 70.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.968 ng  
 RT: 7.84 min Scan# 978  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 27.0  | 40.4  |
| 123     | 12.5  | 10.6  | 15.8  |





#29

2,4-Dichlorophenol

Concen: 40.194 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

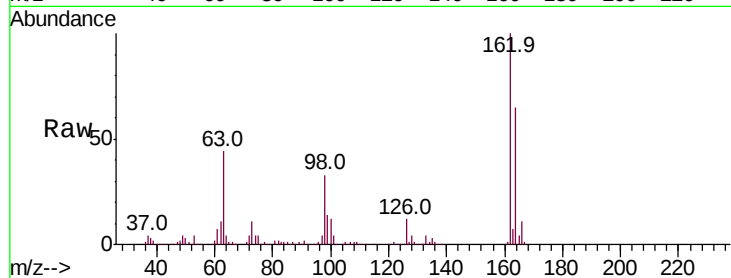
Tot Ion:162 Resp: 578073

Ion Ratio Lower Upper

162 100

164 64.9 44.8 84.8

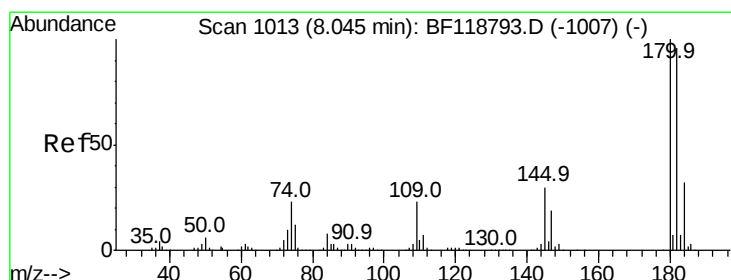
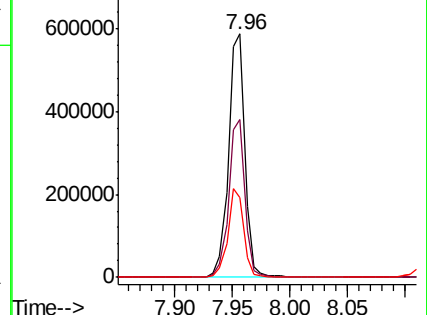
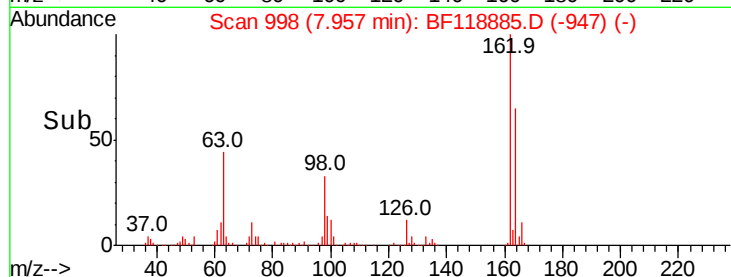
98 33.0 16.4 56.4



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: 39.769 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

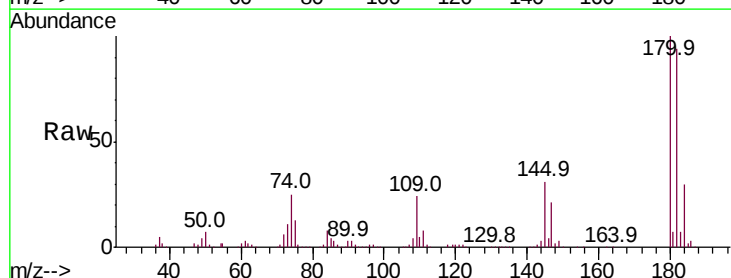
Tgt Ion:180 Resp: 668531

Ion Ratio Lower Upper

180 100

182 94.3 76.6 115.0

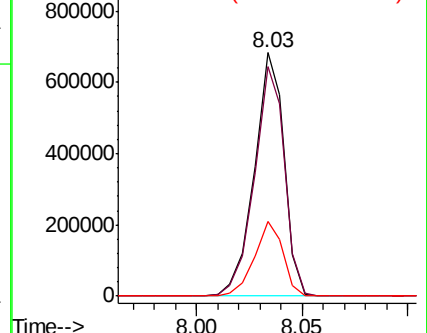
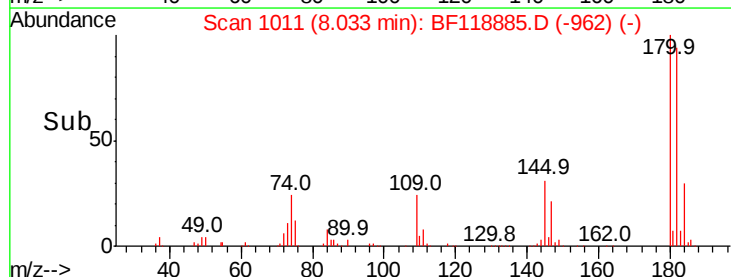
145 30.7 24.0 36.0

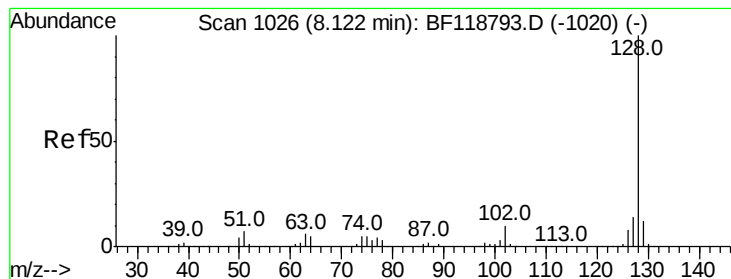


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.484 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

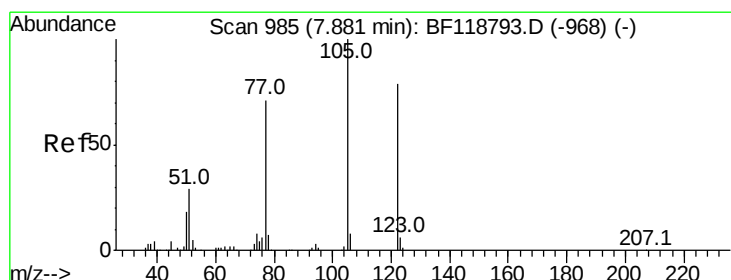
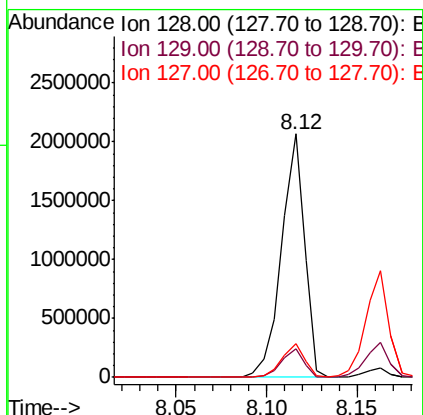
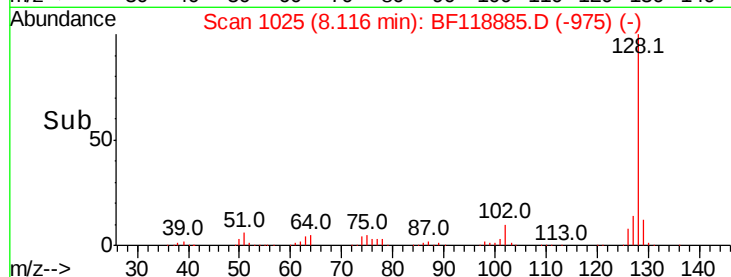
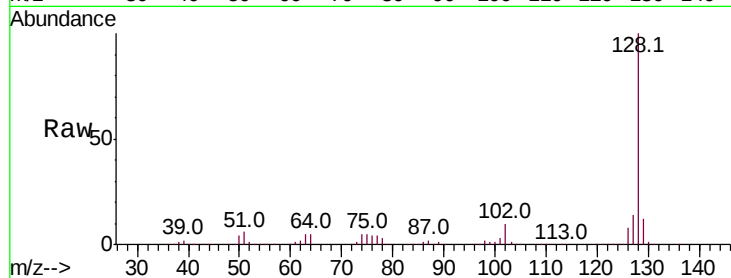
Tot Ion:128 Resp: 1832874

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 14.0 11.3 16.9



#32

Benzoic acid

Concen: 37.538 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

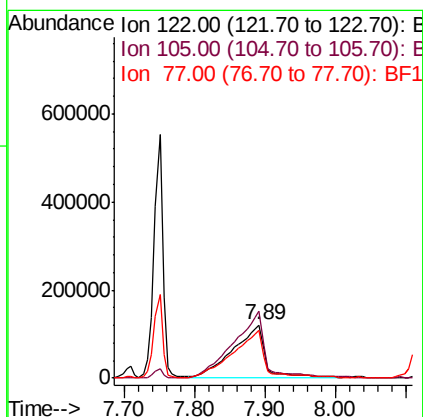
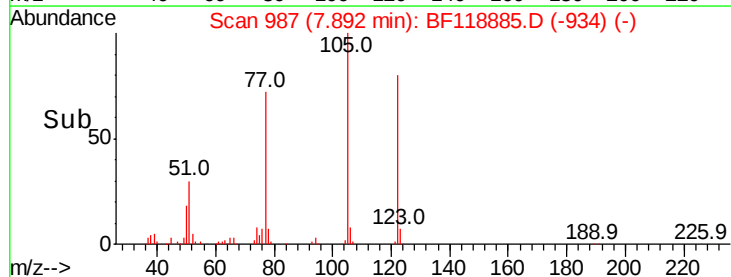
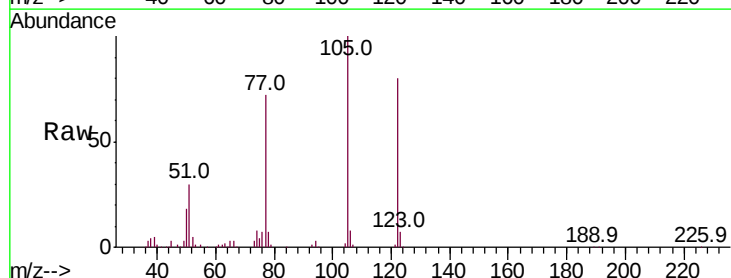
Tgt Ion:122 Resp: 373233

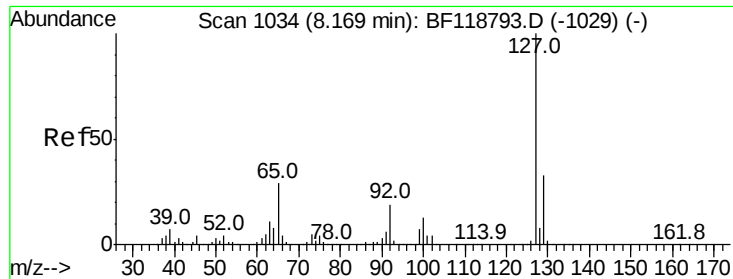
Ion Ratio Lower Upper

122 100

105 125.0 104.4 144.4

77 90.2 69.3 109.3

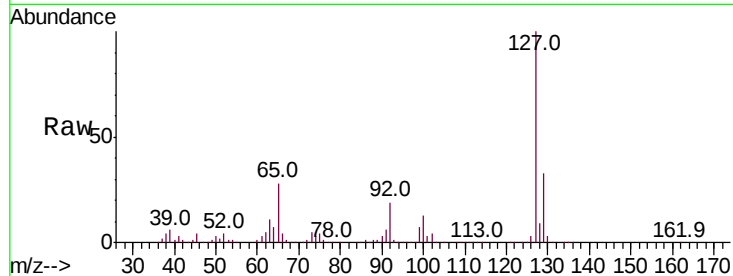




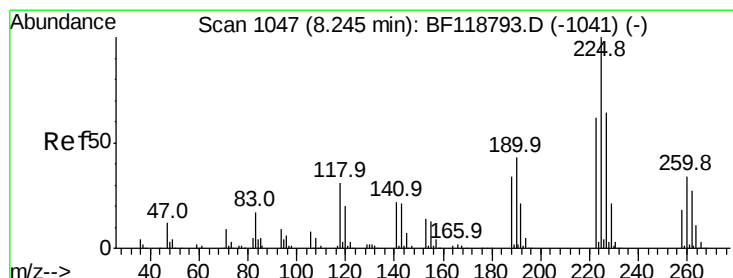
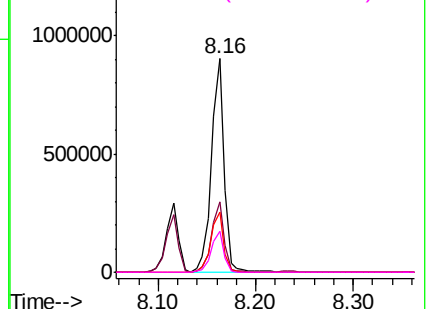
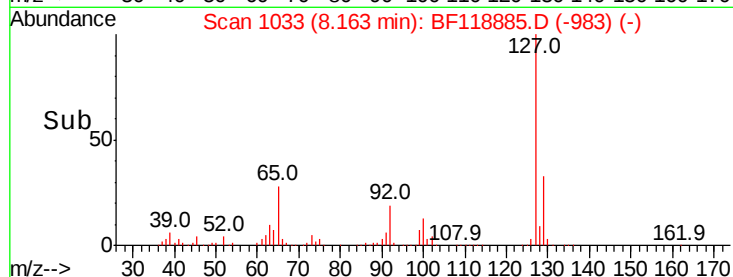
#33  
4-Chloroaniline  
Concen: 40.097 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 812185 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 26.7  | 40.1   |
| 65       | 28.3  | 22.9  | 34.3   |
| 92       | 19.5  | 15.4  | 23.0   |

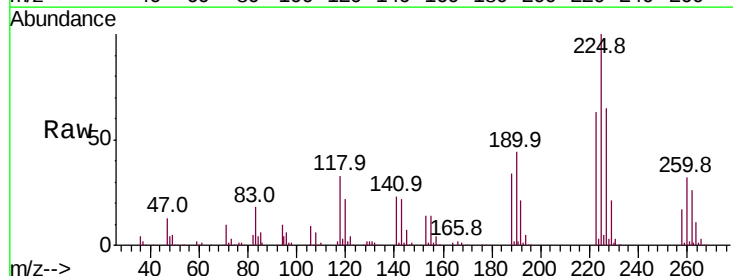


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

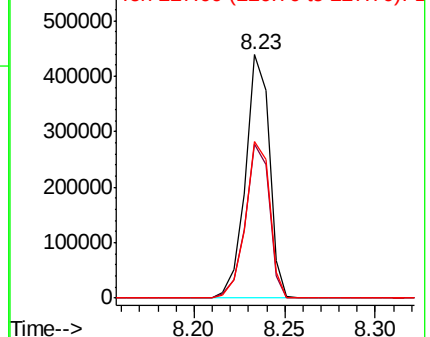
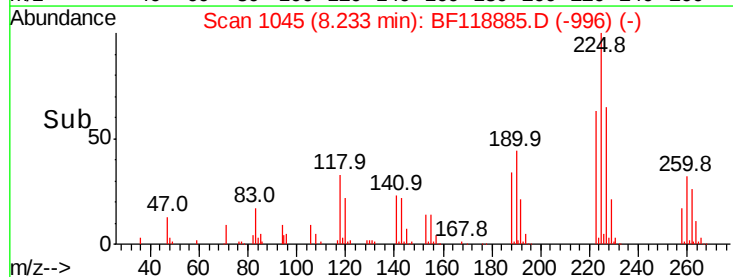


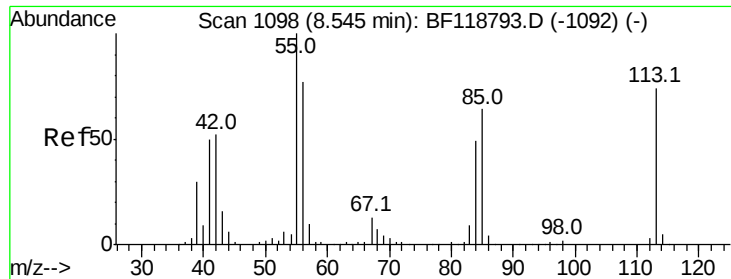
#34  
Hexachlorobutadiene  
Concen: 38.975 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 401399 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 49.8  | 74.8   |
| 227      | 64.5  | 51.0  | 76.4   |



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

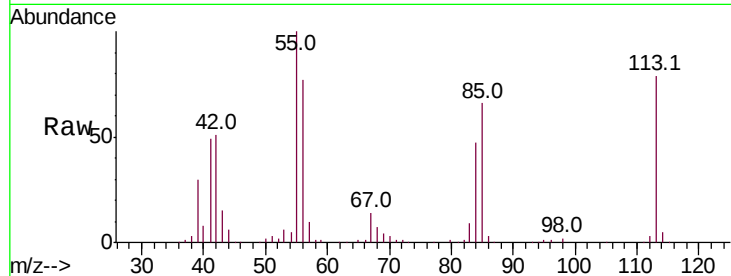




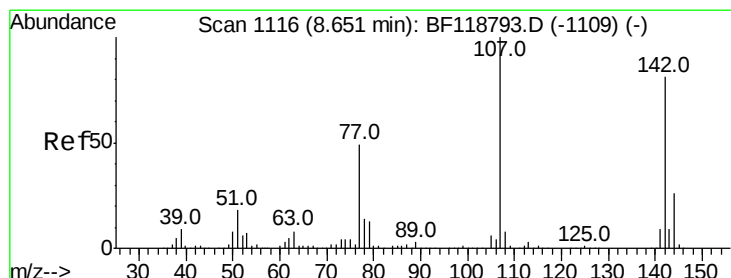
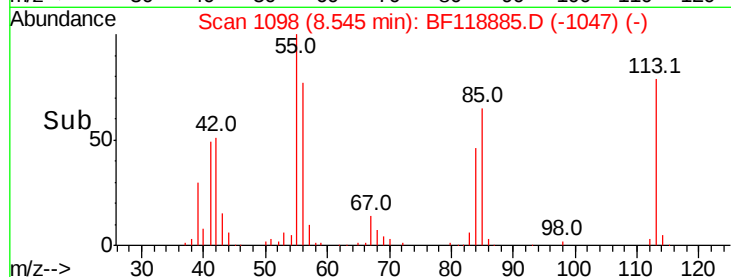
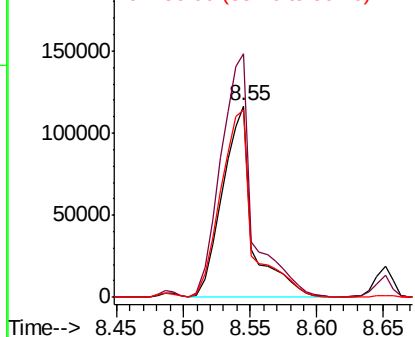
#35  
 Caprolactam  
 Concen: 39.939 ng  
 RT: 8.55 min Scan# 1098  
 Delta R.T. -0.00 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:113 Resp: 186206  
 Ion Ratio Lower Upper  
 113 100  
 55 127.0 115.5 155.5  
 56 97.4 83.7 123.7

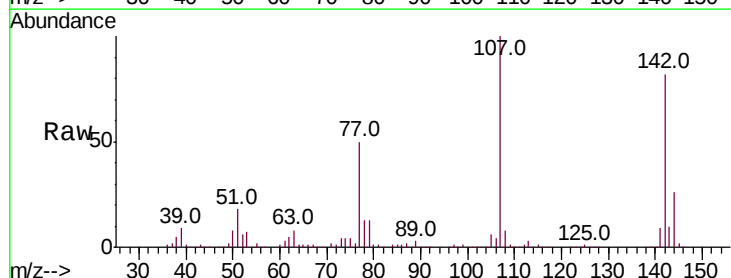


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

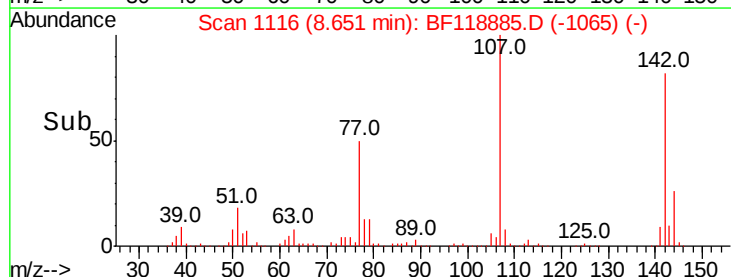
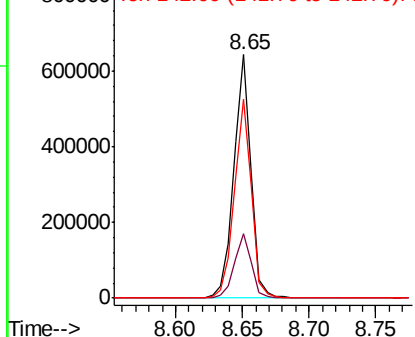


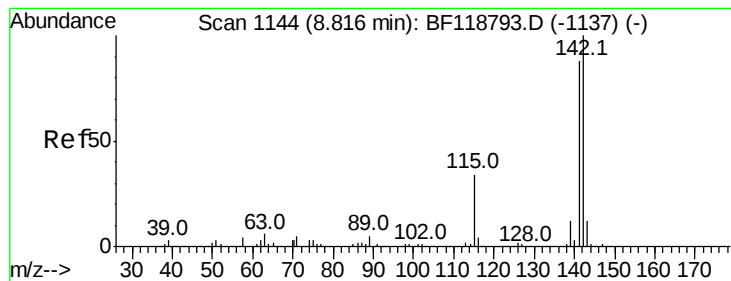
#36  
 4-Chloro-3-methylphenol  
 Concen: 40.246 ng  
 RT: 8.65 min Scan# 1116  
 Delta R.T. -0.00 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Tgt Ion:107 Resp: 582501  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 21.0 31.6  
 142 81.9 64.8 97.2



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

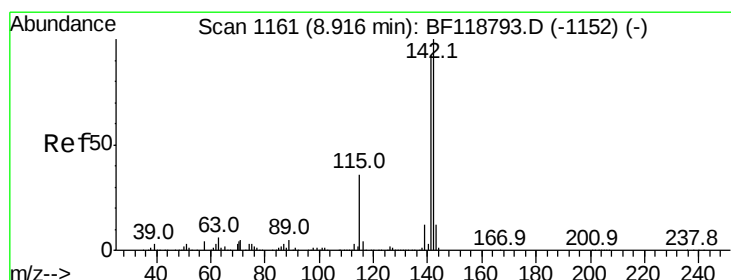
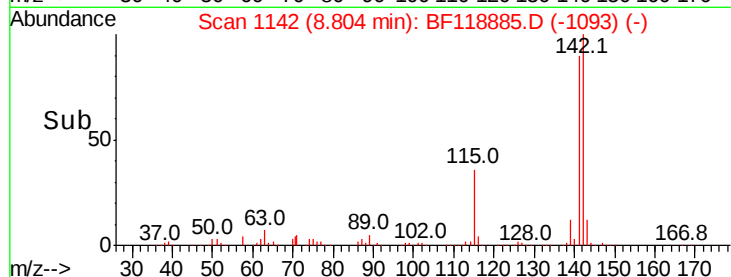
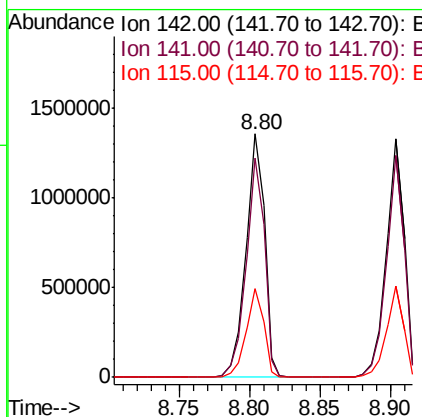
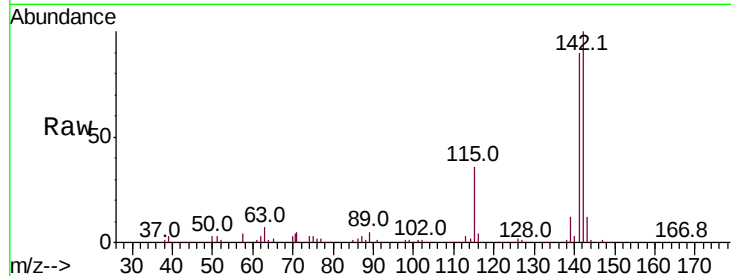




#37  
 2-Methylnaphthalene  
 Concen: 39.847 ng  
 RT: 8.80 min Scan# 1142  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

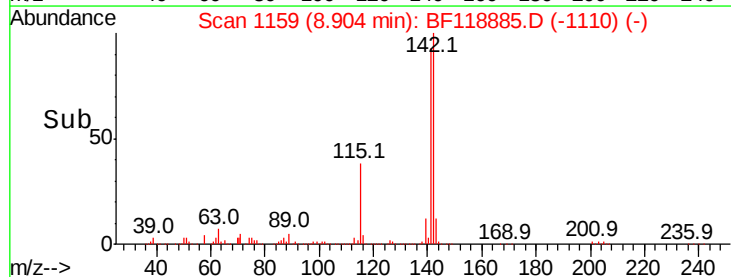
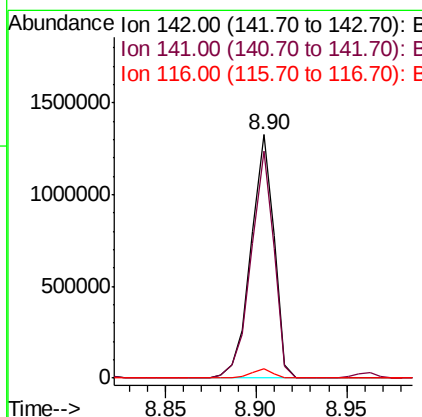
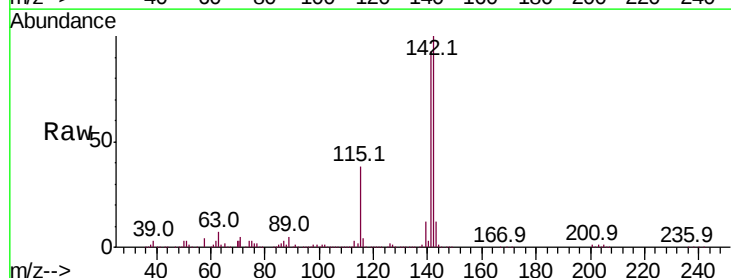
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

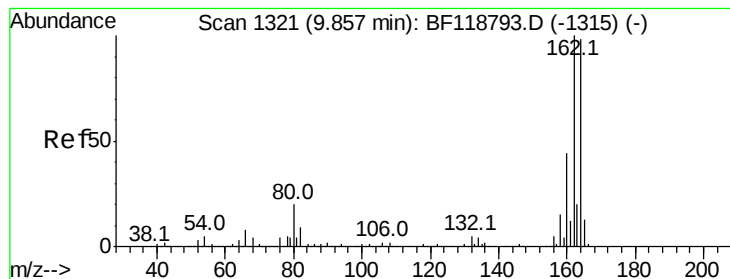
Tot Ion:142 Resp: 1251169  
 Ion Ratio Lower Upper  
 142 100  
 141 89.9 70.1 105.1  
 115 36.4 27.3 40.9



#38  
 1-Methylnaphthalene  
 Concen: 39.766 ng  
 RT: 8.90 min Scan# 1159  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Tgt Ion:142 Resp: 1174618  
 Ion Ratio Lower Upper  
 142 100  
 141 93.2 73.8 110.6  
 116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

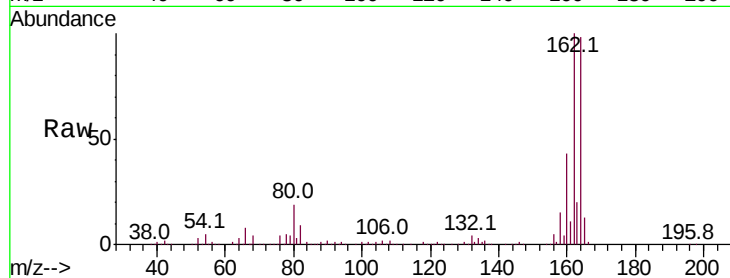
Tot Ion:164 Resp: 546670

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.2

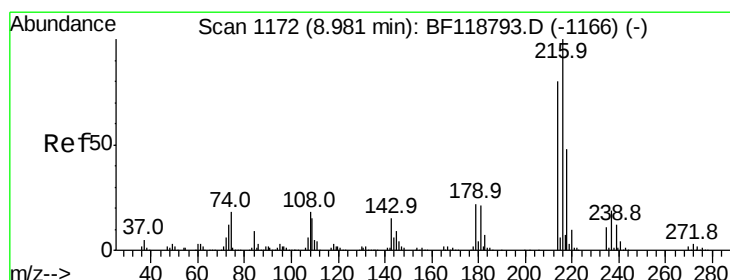
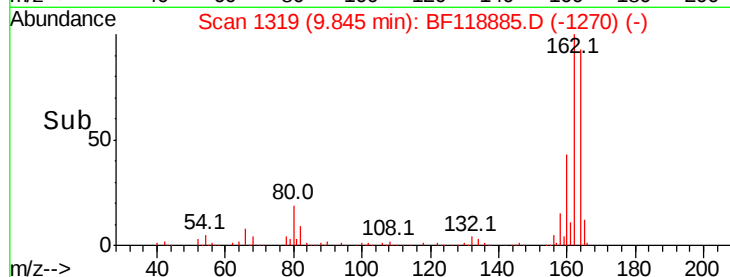
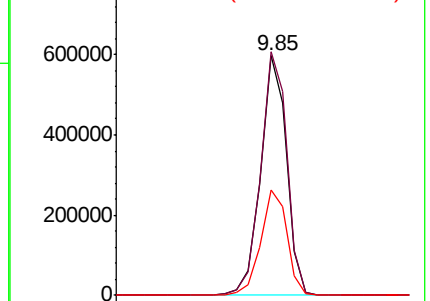
160 43.9 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.307 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Tgt Ion:216 Resp: 665021

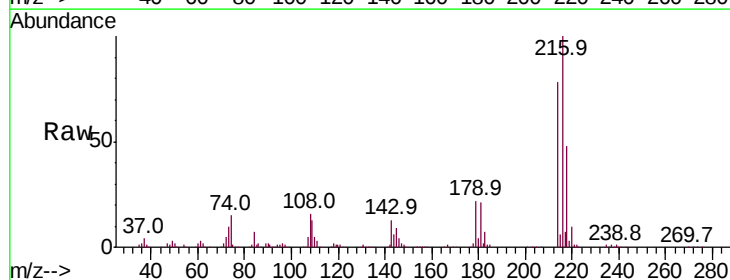
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 21.6 17.0 25.6

108 17.0 13.5 20.3

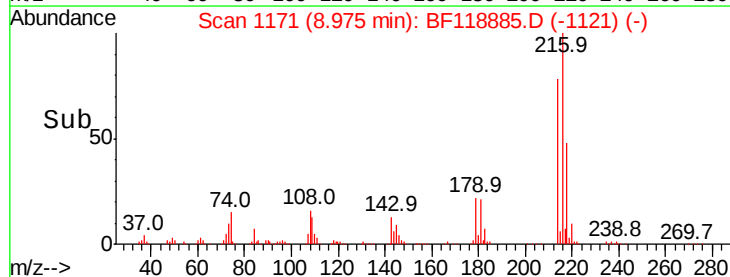
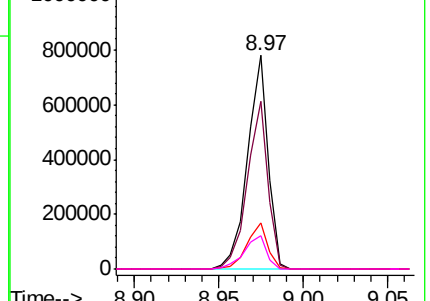


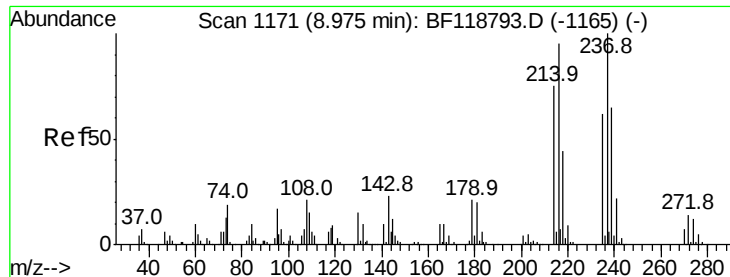
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.604 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

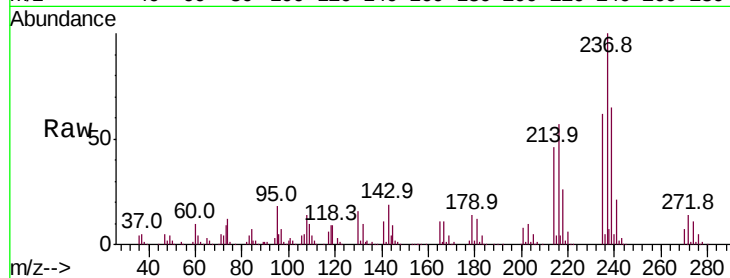
Tot Ion:237 Resp: 236807

Ion Ratio Lower Upper

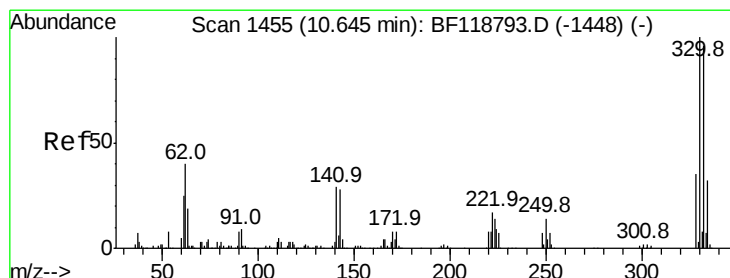
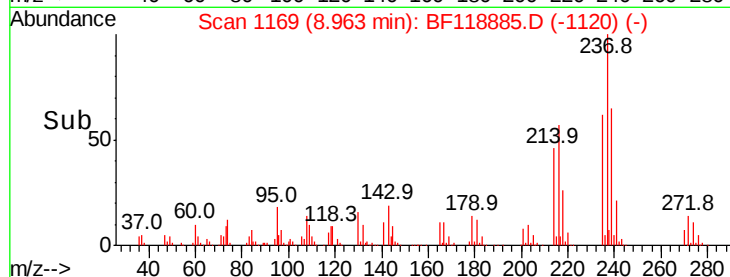
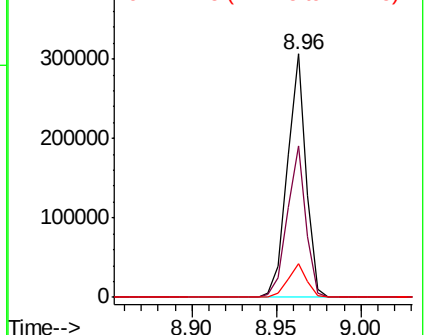
237 100

235 62.2 42.1 82.1

272 14.1 0.0 34.4



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



#42

2,4,6-Tribromophenol

Concen: 80.446 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

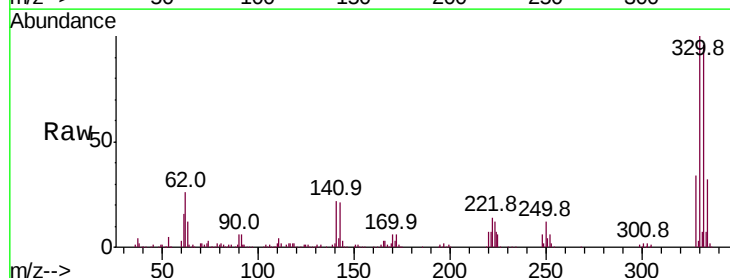
Tgt Ion:330 Resp: 526202

Ion Ratio Lower Upper

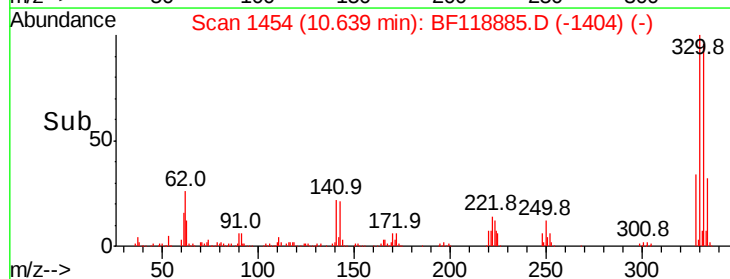
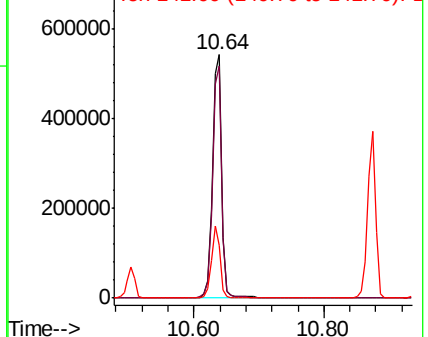
330 100

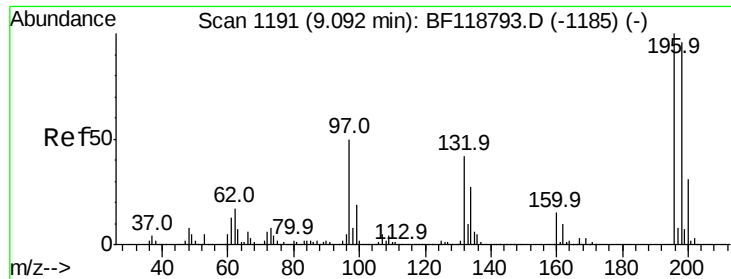
332 94.8 77.3 115.9

141 27.8 22.4 33.6



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

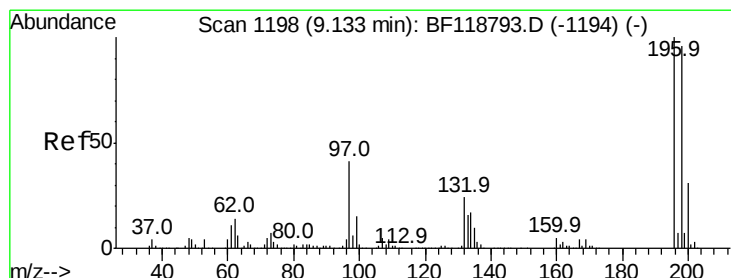
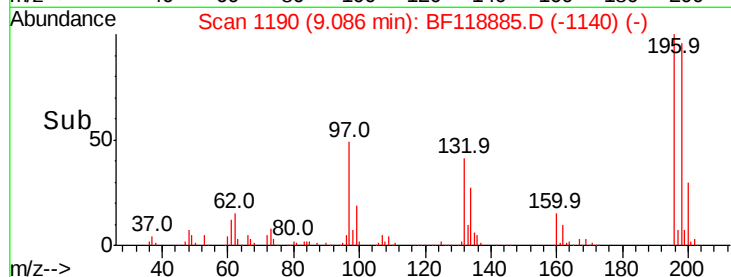
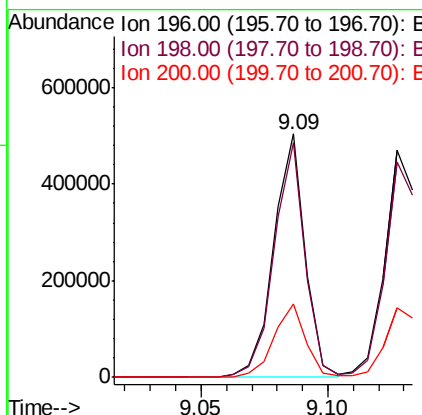
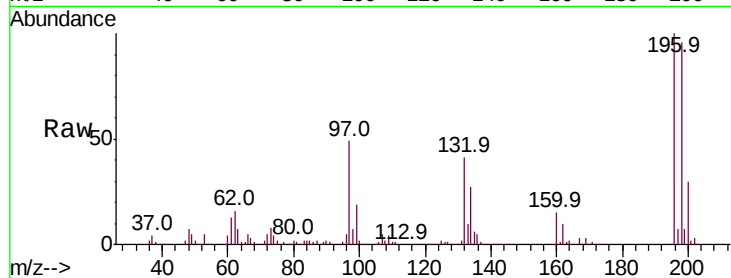




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.489 ng  
 RT: 9.09 min Scan# 1190  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

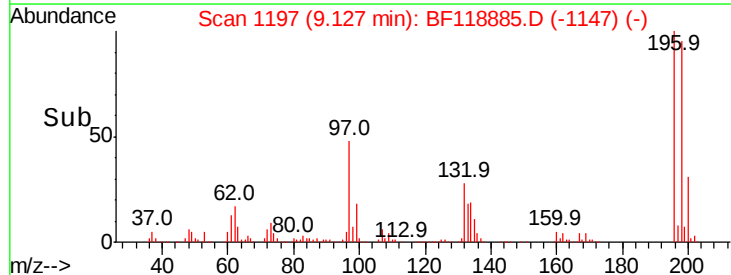
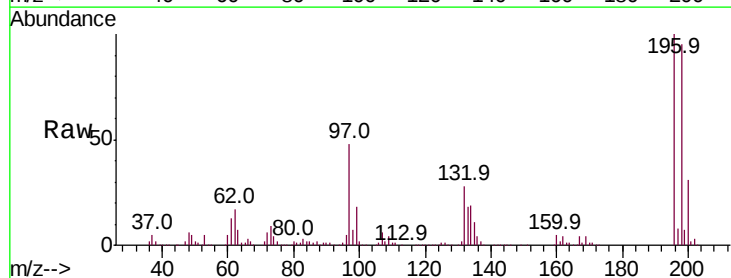
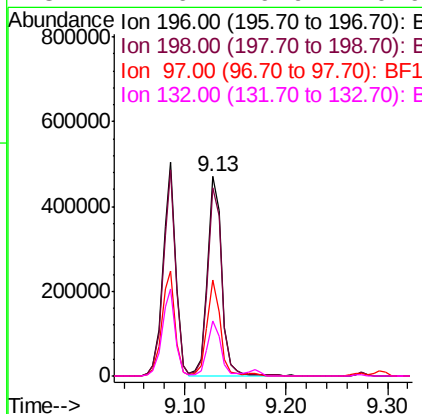
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

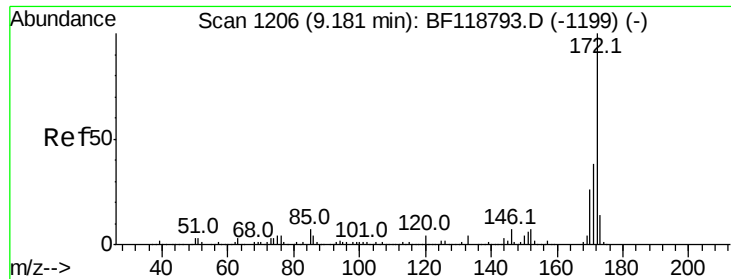
Tot Ion:196 Resp: 435680  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 76.7 115.1  
 200 30.4 24.9 37.3



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.295 ng  
 RT: 9.13 min Scan# 1197  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Tgt Ion:196 Resp: 454253  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 77.0 115.4  
 97 47.9 32.9 49.3  
 132 27.6 19.9 29.9

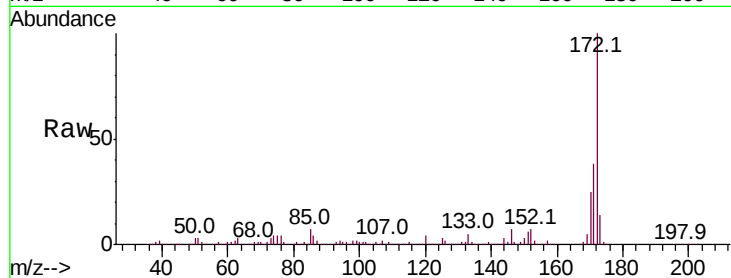




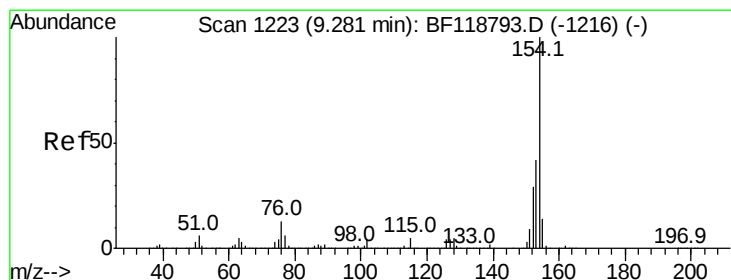
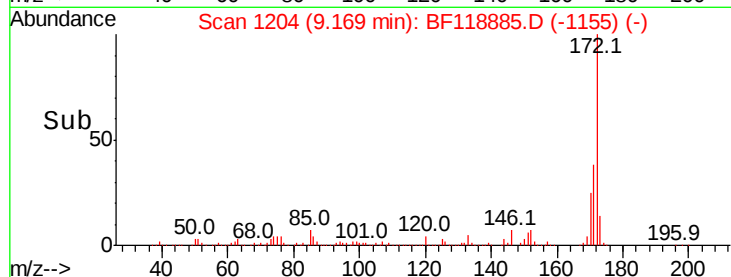
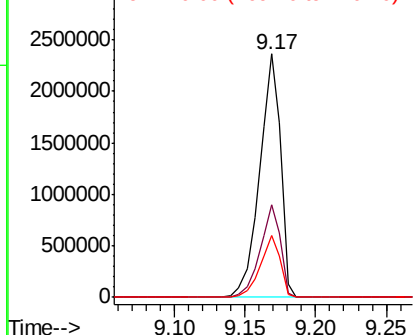
#45  
2-Fluorobiphenyl  
Concen: 80.991 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 2476658  
Ion Ratio Lower Upper  
172 100  
171 37.9 30.8 46.2  
170 25.4 20.5 30.7

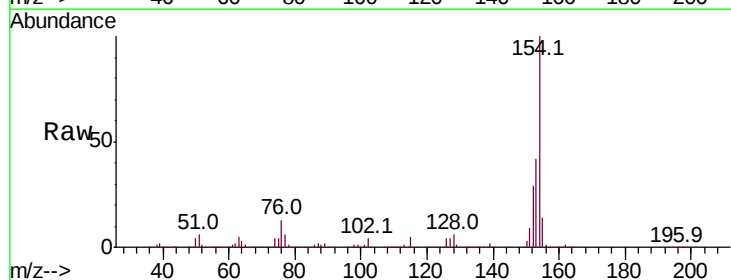


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

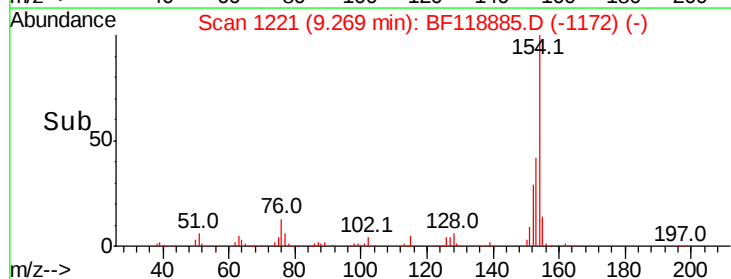
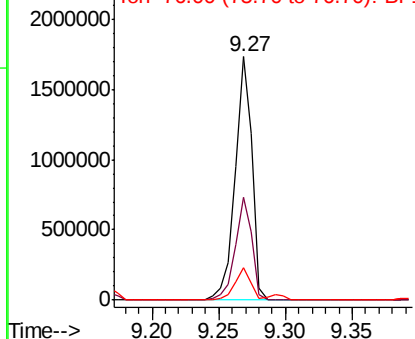


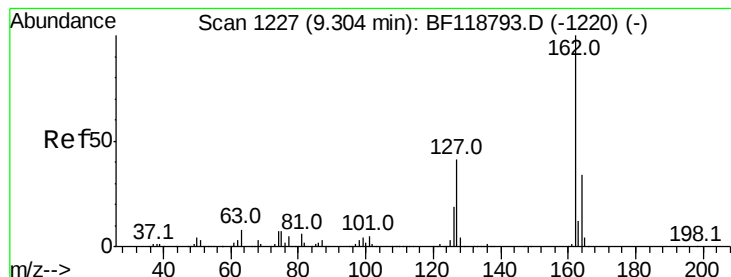
#46  
1,1'-Biphenyl  
Concen: 40.692 ng  
RT: 9.27 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion:154 Resp: 1538788  
Ion Ratio Lower Upper  
154 100  
153 42.4 22.4 62.4  
76 13.2 0.0 32.7



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





#47

2-Chloronaphthalene

Concen: 40.415 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

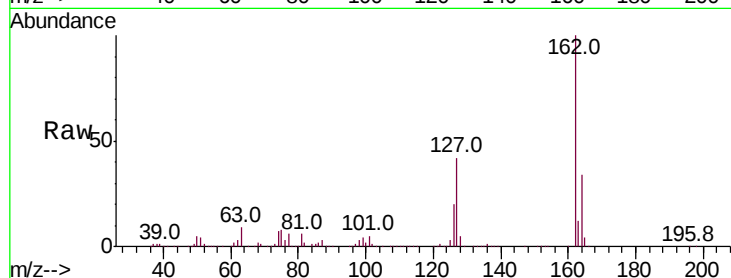
Tot Ion:162 Resp: 1270533

Ion Ratio Lower Upper

162 100

127 42.0 33.3 49.9

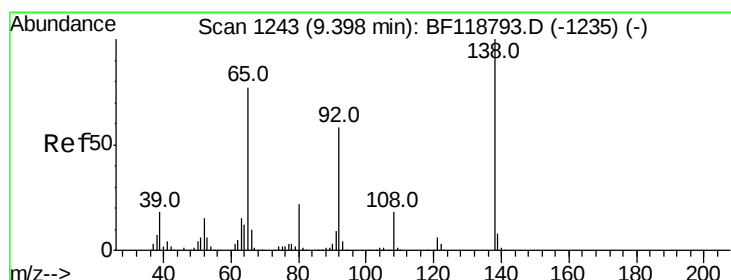
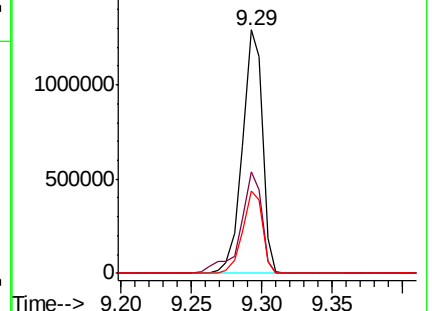
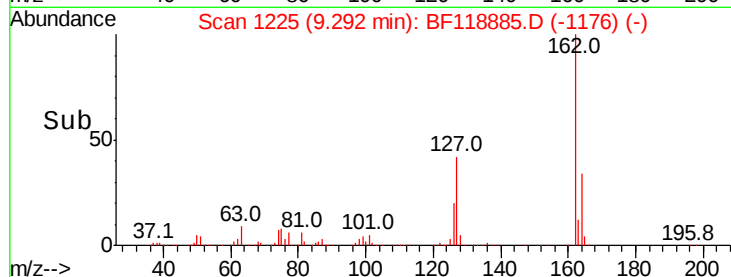
164 33.6 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.735 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

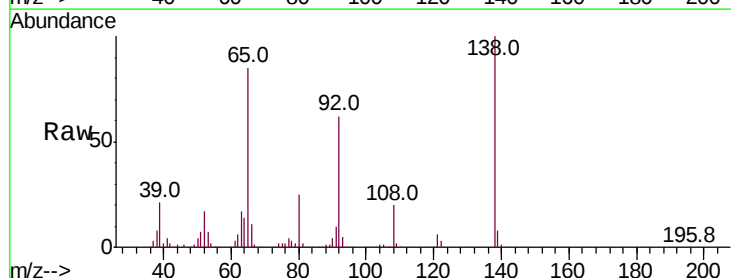
Tgt Ion: 65 Resp: 378423

Ion Ratio Lower Upper

65 100

92 72.7 60.6 91.0

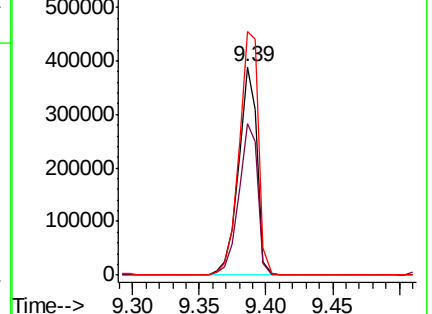
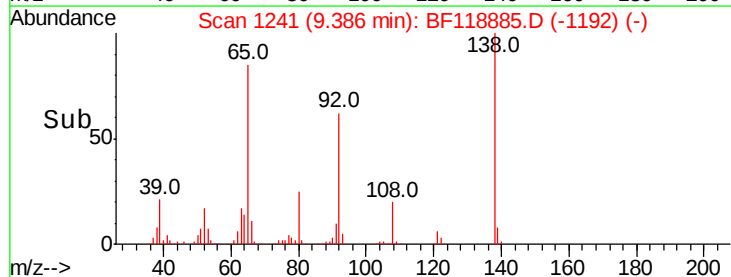
138 117.1 104.6 156.8

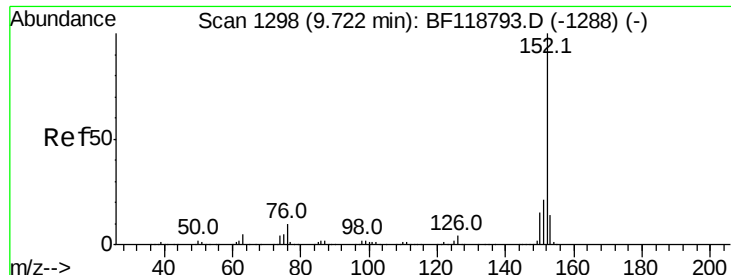


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.072 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

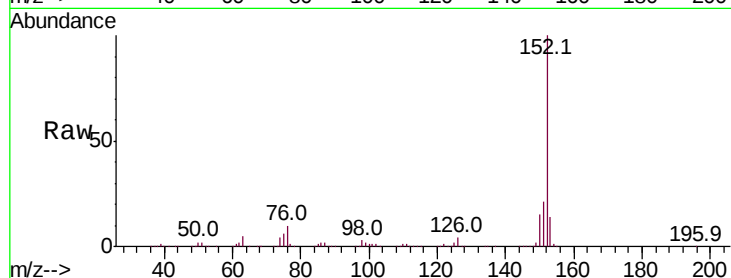
Tot Ion:152 Resp: 1864336

Ion Ratio Lower Upper

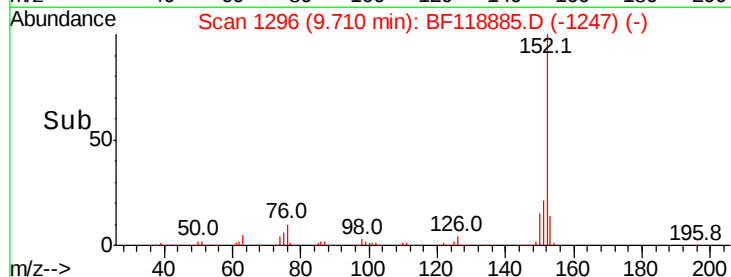
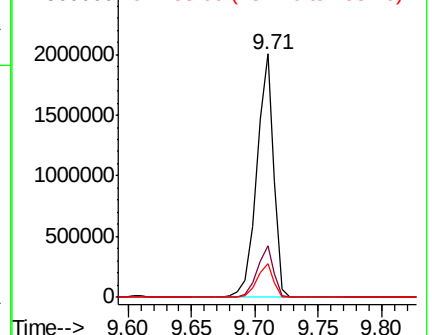
152 100

151 21.0 17.1 25.7

153 14.0 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.603 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

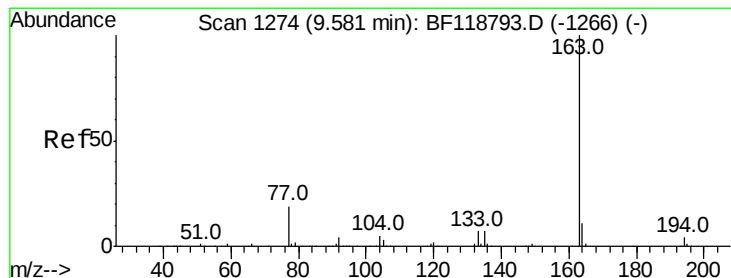
Tgt Ion:163 Resp: 1511385

Ion Ratio Lower Upper

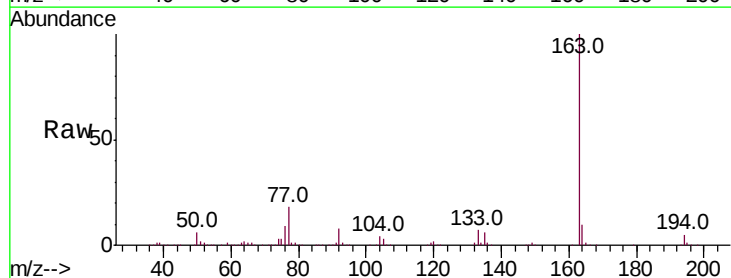
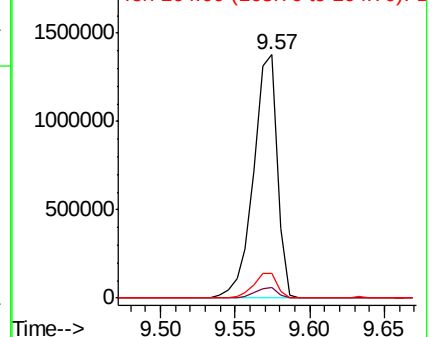
163 100

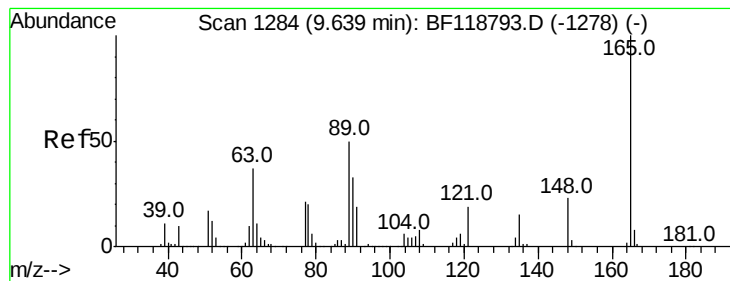
194 4.6 3.6 5.4

164 10.2 8.7 13.1



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





#51

2,6-Dinitrotoluene

Concen: 40.982 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

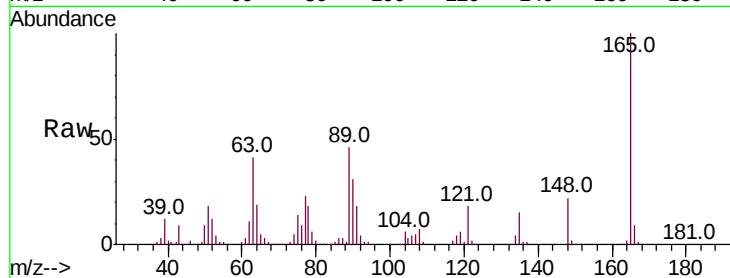
Tot Ion:165 Resp: 349043

Ion Ratio Lower Upper

165 100

63 41.1 37.4 56.0

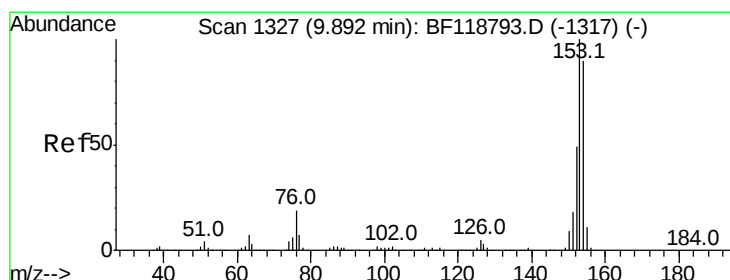
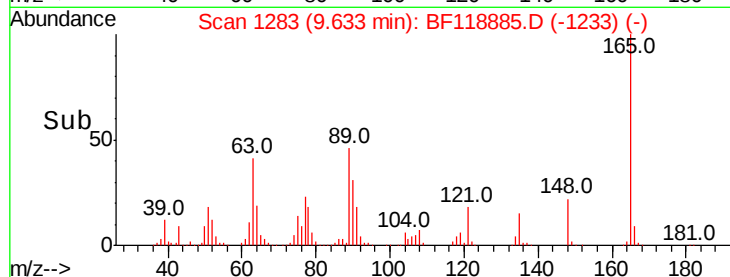
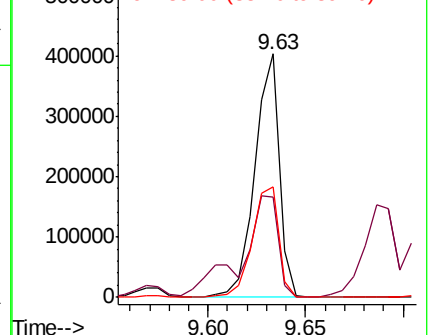
89 45.6 39.7 59.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 37.431 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

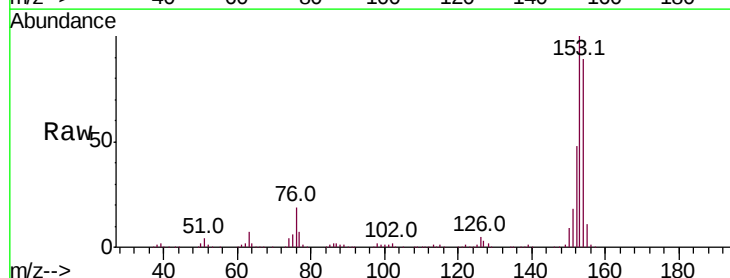
Tgt Ion:154 Resp: 1119608

Ion Ratio Lower Upper

154 100

153 111.9 89.4 134.0

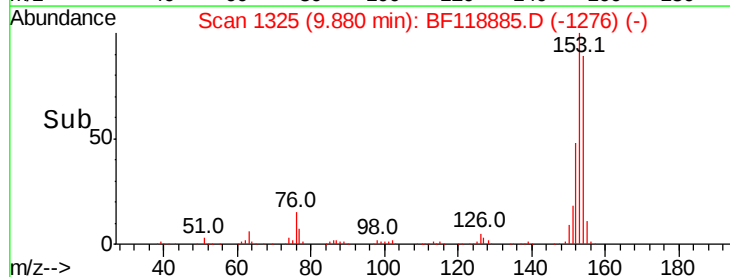
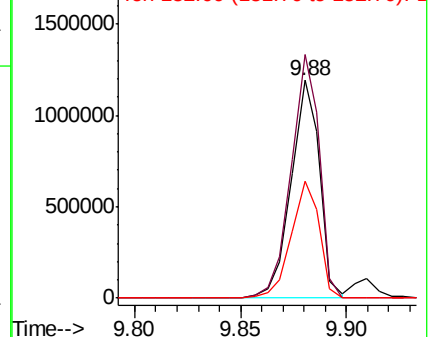
152 53.9 43.6 65.4

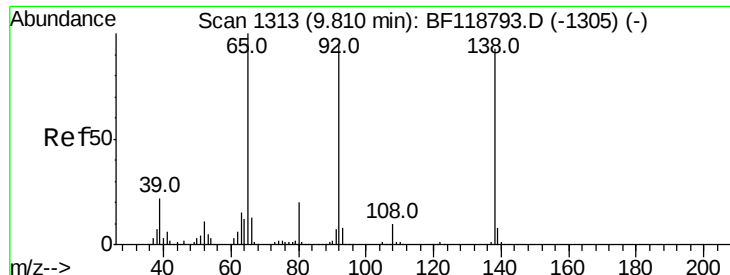


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

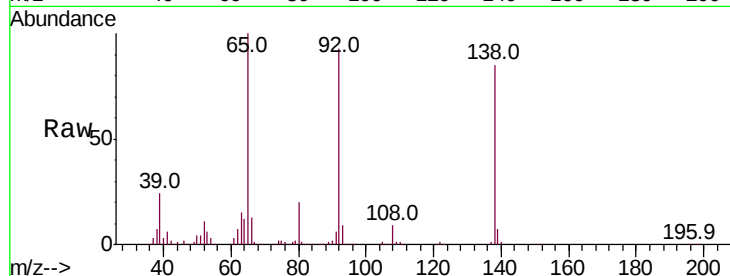




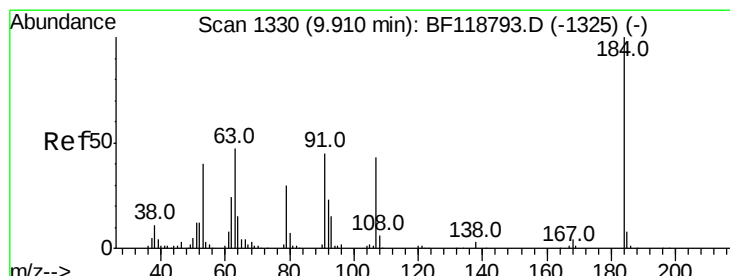
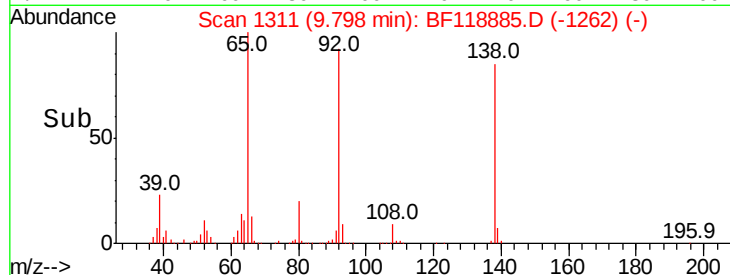
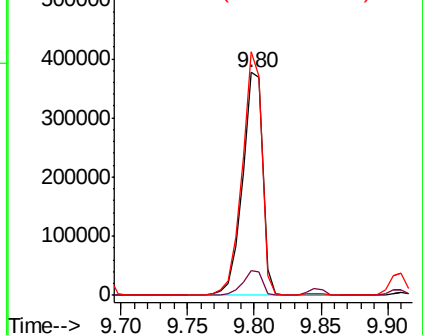
#53  
3-Nitroaniline  
Concen: 41.666 ng  
RT: 9.80 min Scan# 1311  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:138 Resp: 393565  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.5 12.7  
92 109.4 82.2 123.4

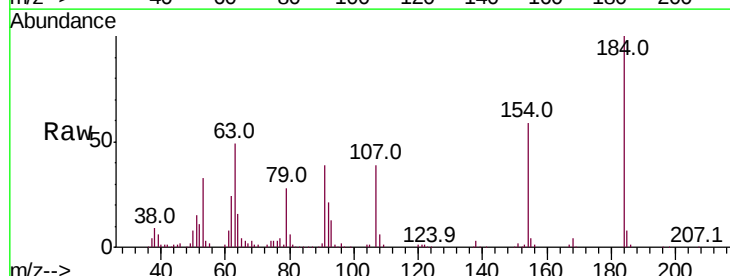


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

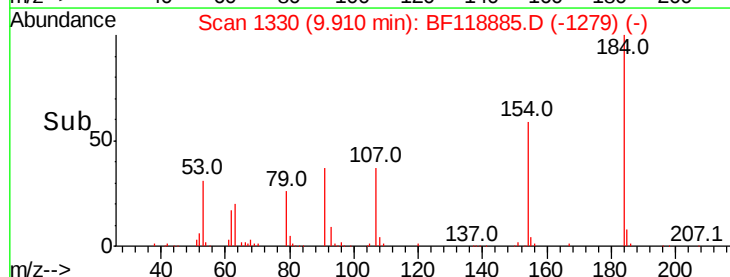
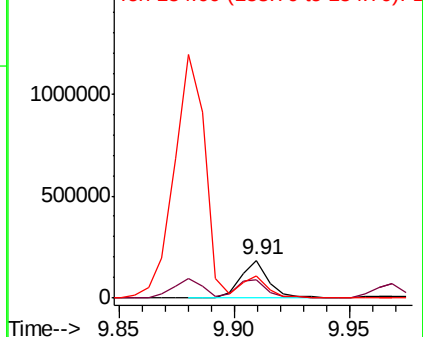


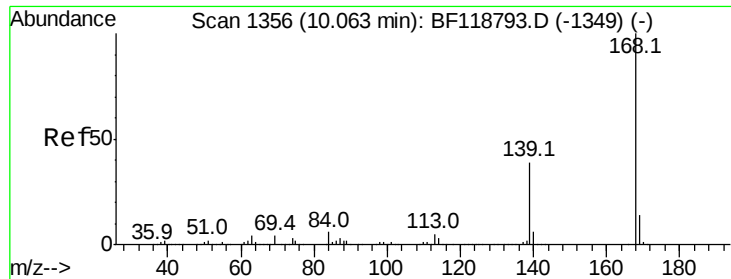
#54  
2,4-Dinitrophenol  
Concen: 38.901 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.00 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion:184 Resp: 159280  
Ion Ratio Lower Upper  
184 100  
63 48.7 47.5 71.3  
154 59.5 48.6 72.8



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





#55

Dibenzofuran

Concen: 39.025 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

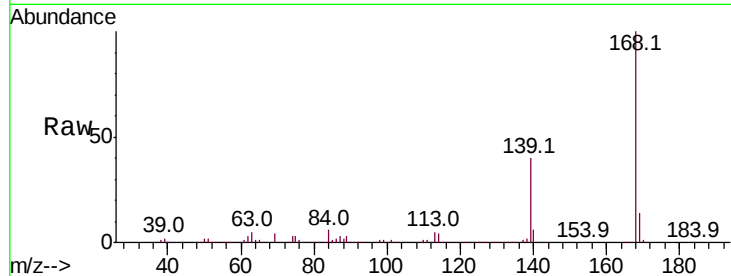
Tot Ion:168 Resp: 1686936

Ion Ratio Lower Upper

168 100

139 40.0 31.6 47.4

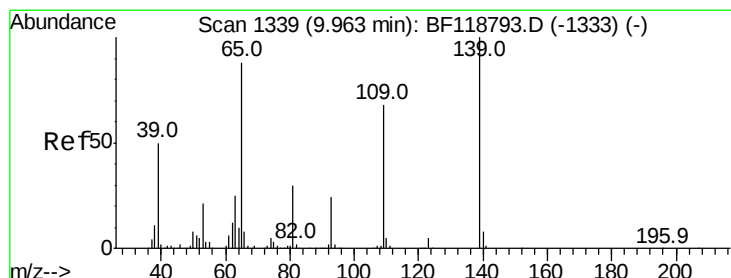
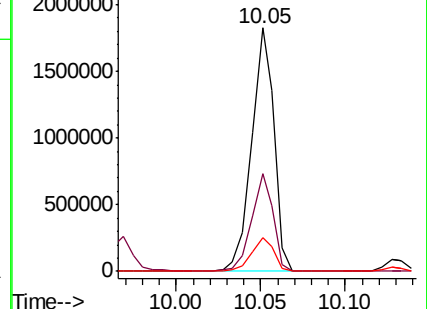
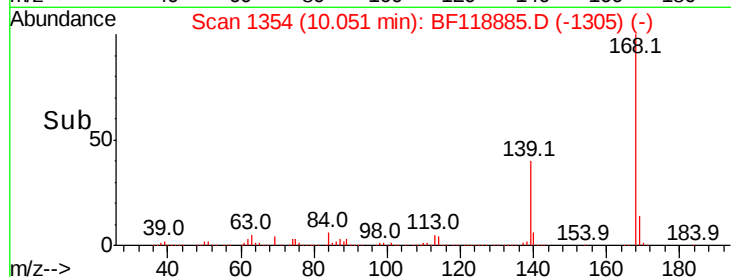
169 13.9 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.978 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

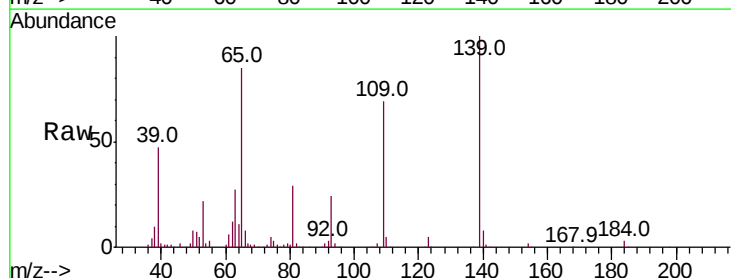
Tgt Ion:139 Resp: 252788

Ion Ratio Lower Upper

139 100

109 69.4 48.0 88.0

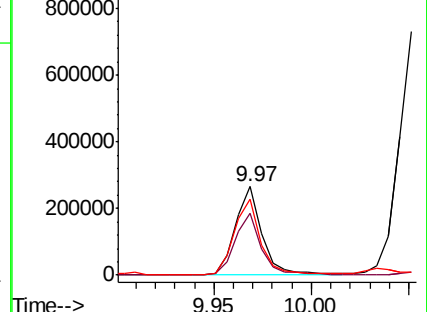
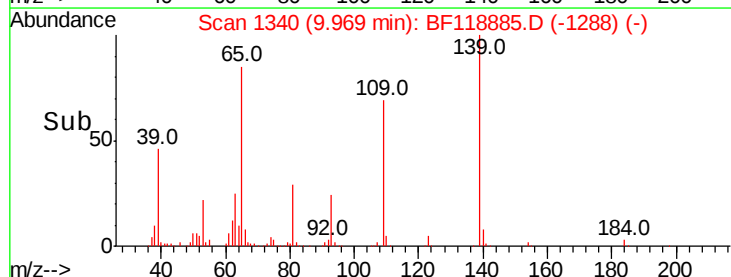
65 85.4 68.3 108.3

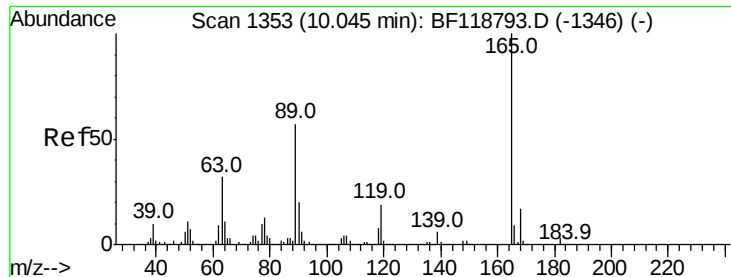


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 40.919 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 461210

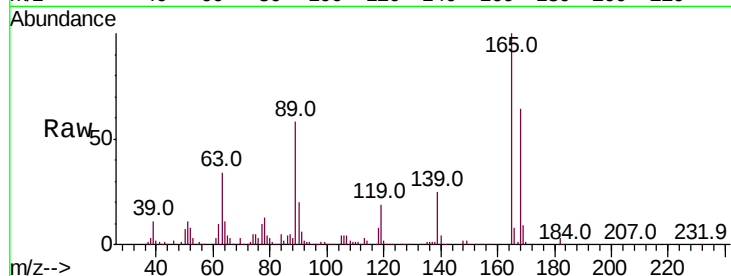
Ion Ratio Lower Upper

165 100

63 34.3 25.5 38.3

89 58.4 45.4 68.0

182 3.0 2.4 3.6

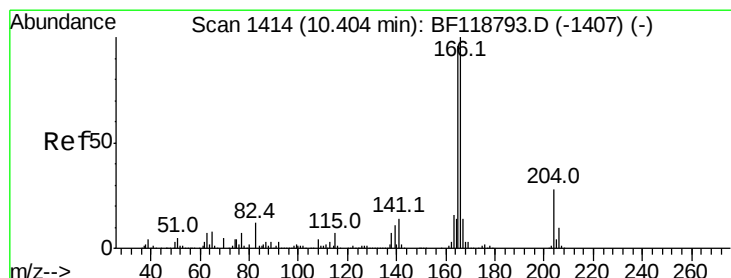
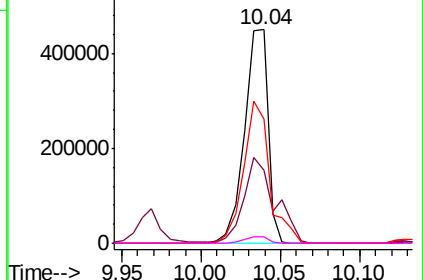
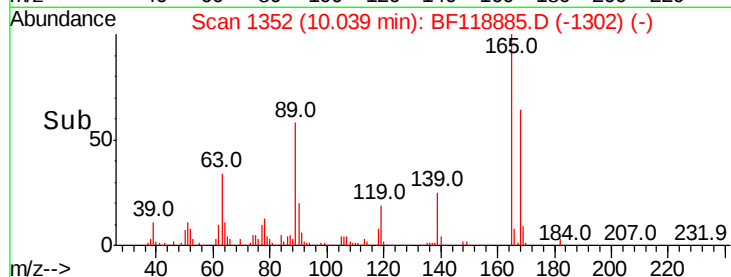


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.389 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

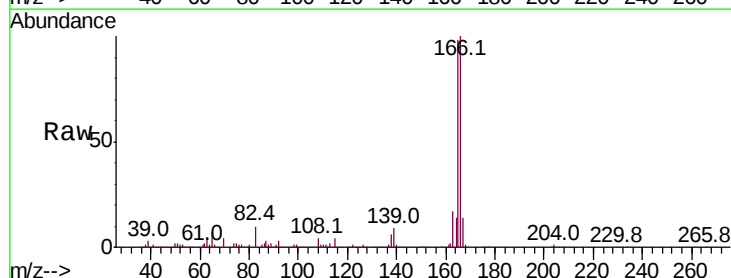
Tgt Ion:166 Resp: 1280945

Ion Ratio Lower Upper

166 100

165 97.8 77.0 115.6

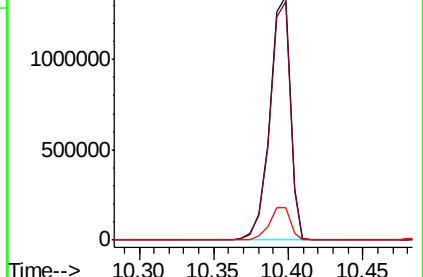
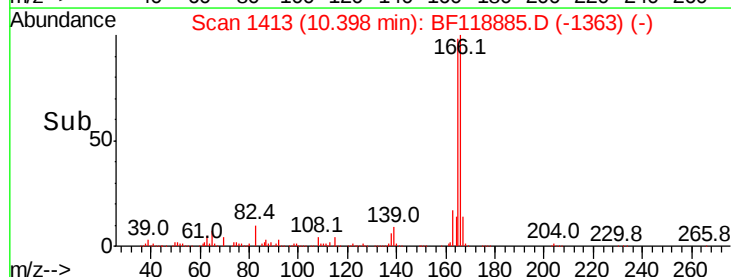
167 13.6 11.1 16.7

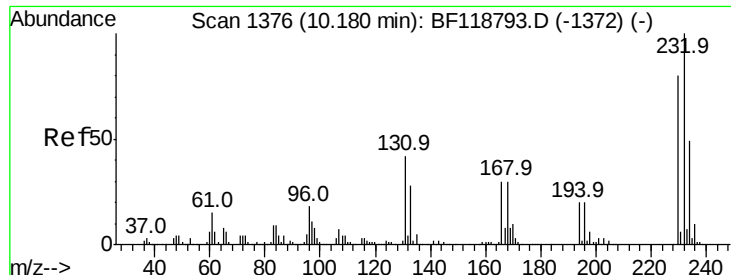


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

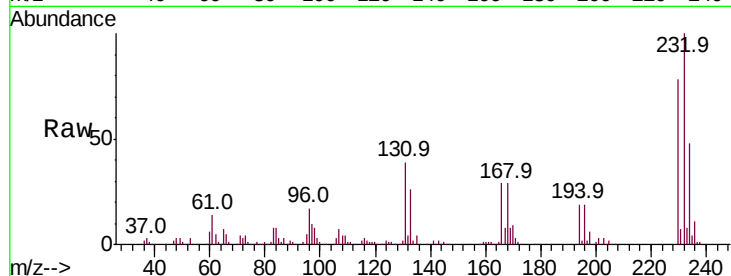




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.799 ng  
 RT: 10.17 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 381983 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.7  | 31.8  | 47.6   |
| 130      | 2.2   | 1.6   | 2.4    |
| 166      | 29.1  | 23.1  | 34.7   |



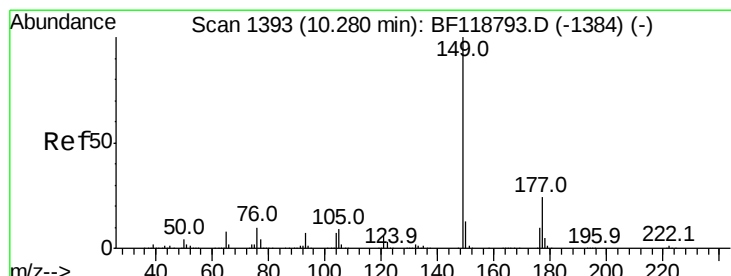
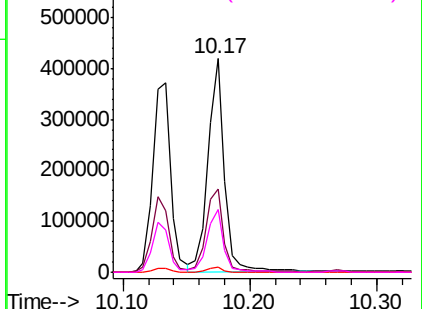
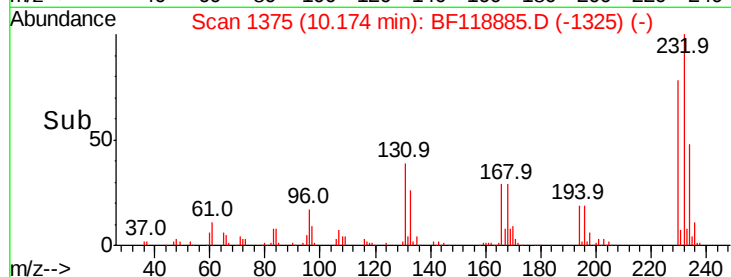
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

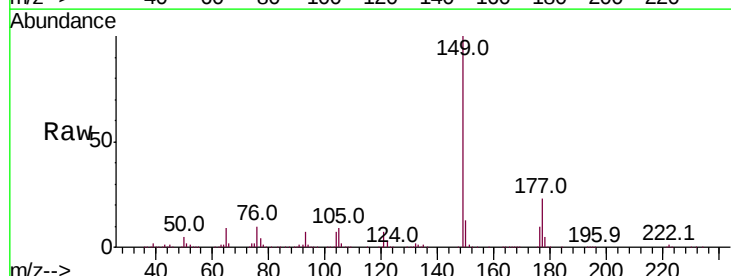
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 38.947 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1409678 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 23.4  | 19.3  | 28.9    |
| 150      | 13.1  | 10.4  | 15.6    |

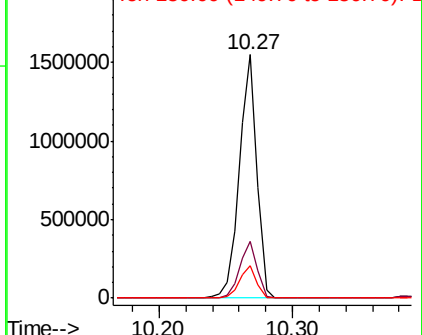
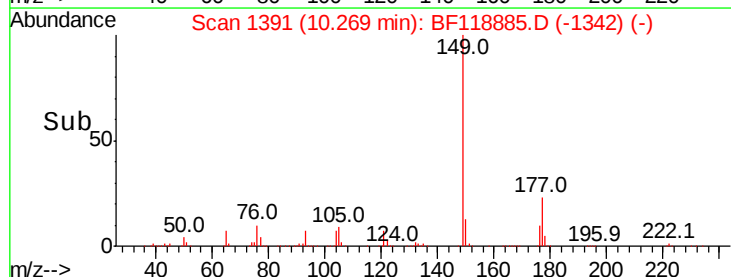


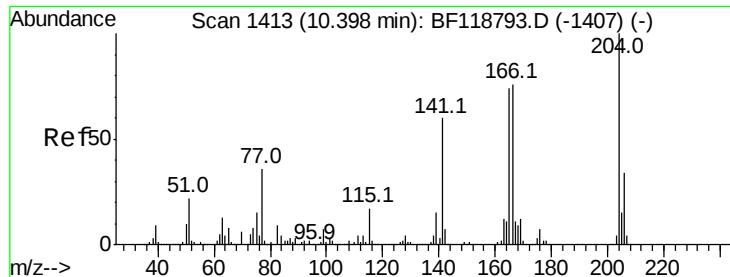
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

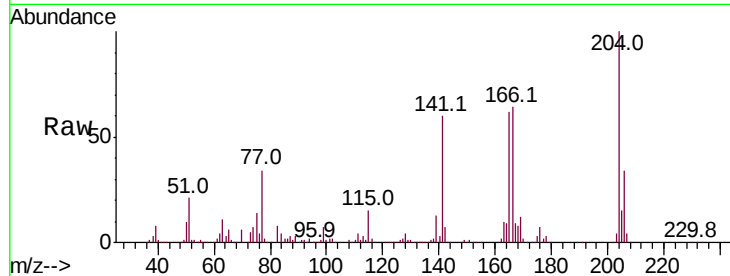




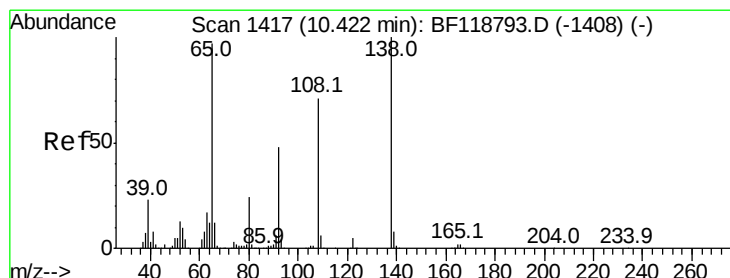
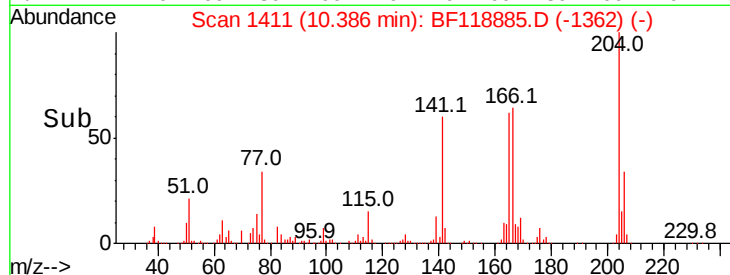
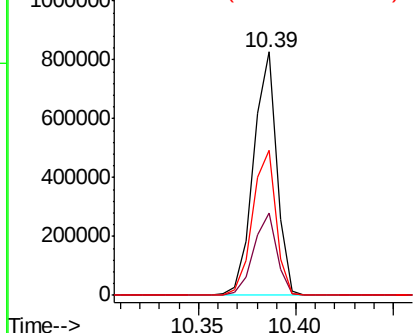
#61  
4-Chlorophenyl-phenylether  
Concen: 38.762 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:204 Resp: 683613  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.4 41.2  
141 59.7 47.8 71.6

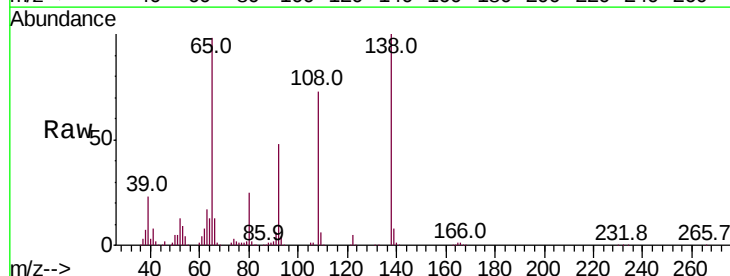


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

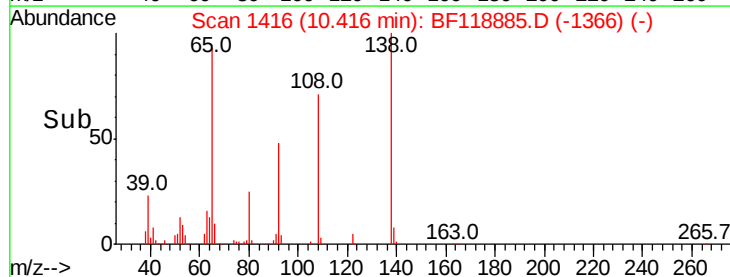
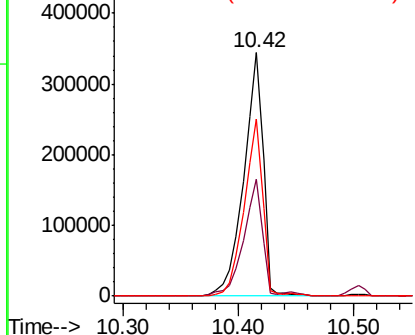


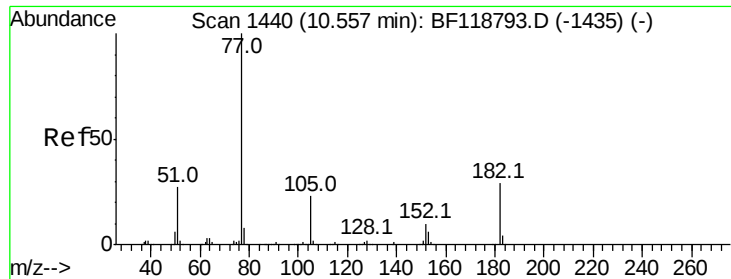
#62  
4-Nitroaniline  
Concen: 42.257 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion:138 Resp: 399714  
Ion Ratio Lower Upper  
138 100  
92 48.0 27.6 67.6  
108 72.5 51.3 91.3



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





#63

Azobenzene

Concen: 39.552 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1222206

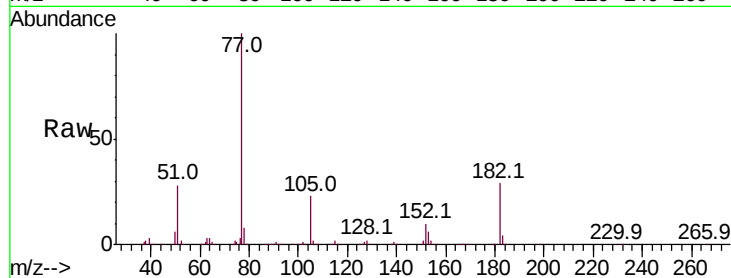
Ion Ratio Lower Upper

77 100

182 29.1 9.2 49.2

105 23.3 3.1 43.1

51 27.9 7.4 47.4

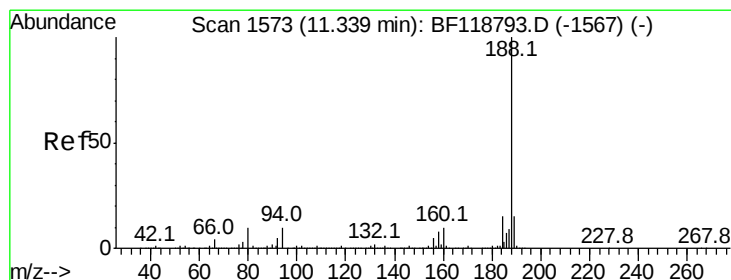
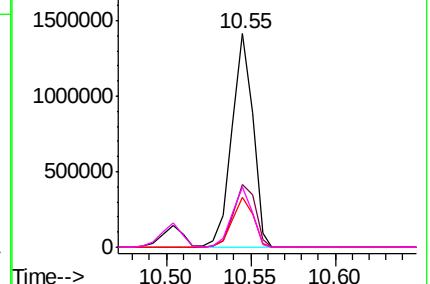
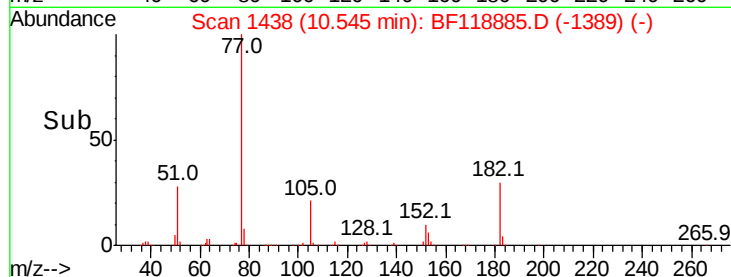


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

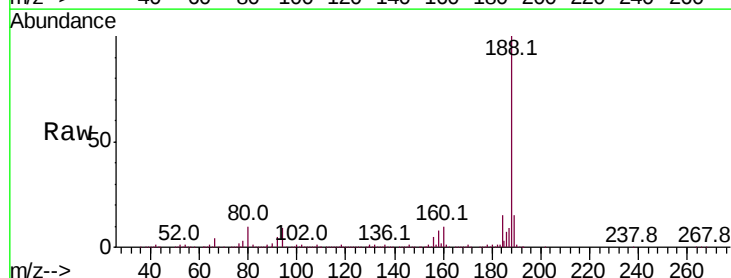
Tgt Ion: 188 Resp: 1023220

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

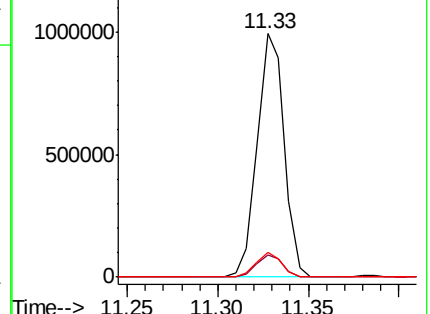
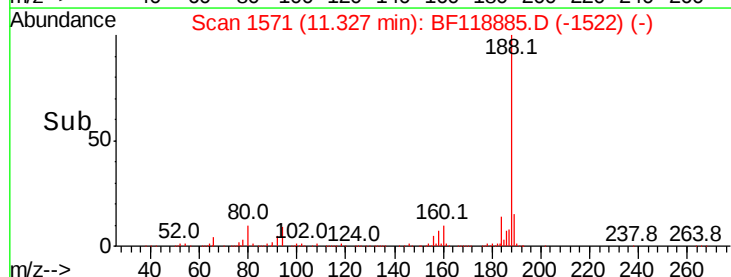
80 10.2 8.4 12.6

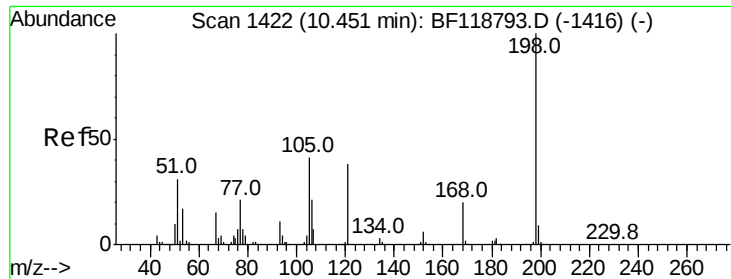


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

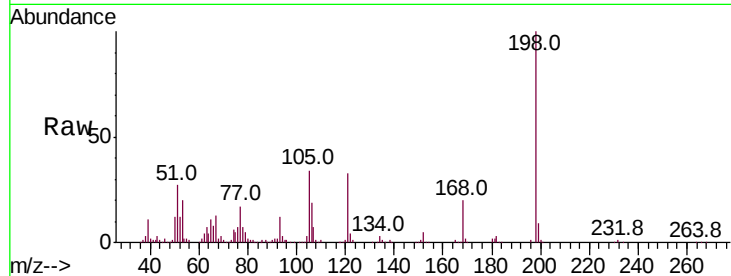




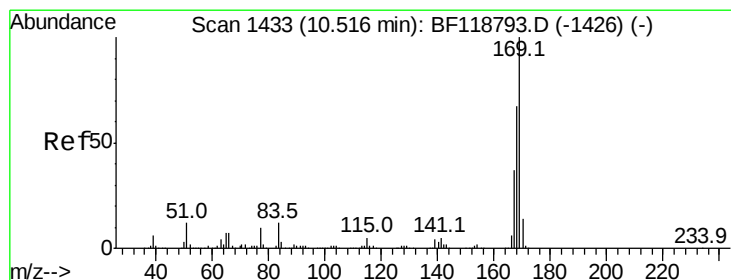
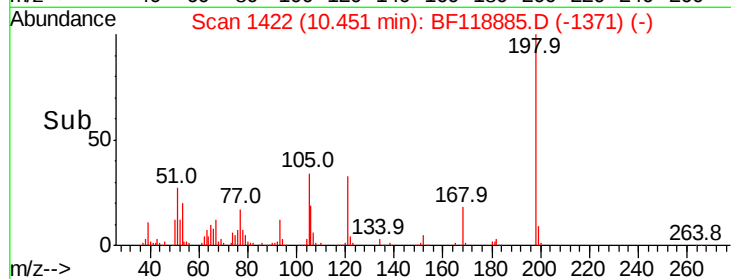
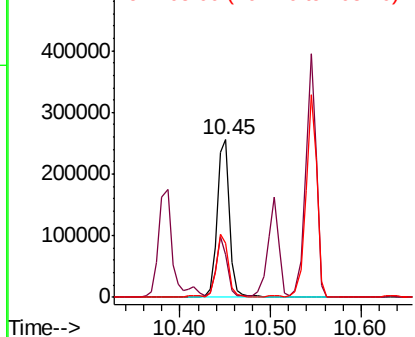
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.853 ng  
RT: 10.45 min Scan# 1422  
Delta R.T. -0.00 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:198 Resp: 240638  
Ion Ratio Lower Upper  
198 100  
51 27.3 16.7 56.7  
105 34.2 22.0 62.0

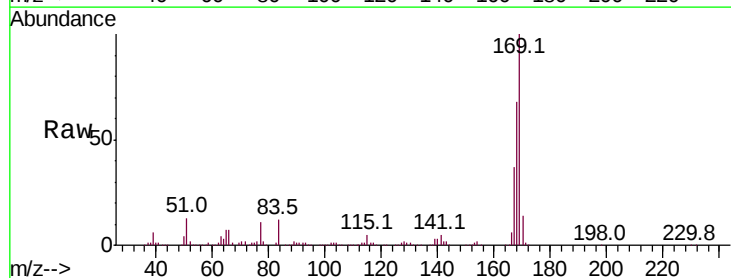


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

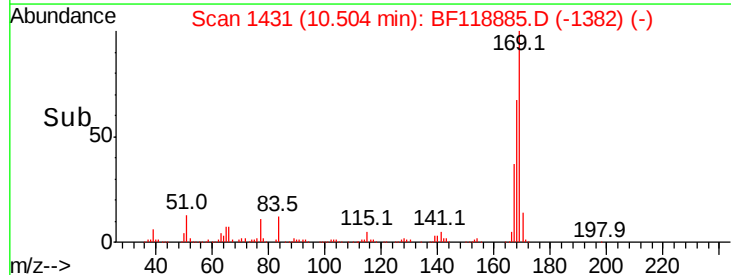
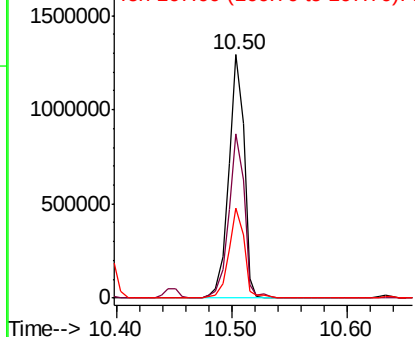


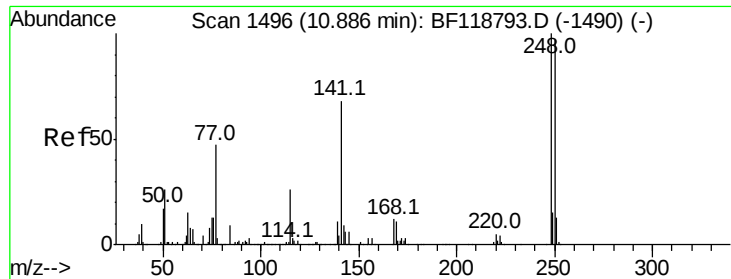
#66  
n-Nitrosodiphenylamine  
Concen: 39.977 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion:169 Resp: 1184875  
Ion Ratio Lower Upper  
169 100  
168 67.6 53.5 80.3  
167 37.1 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

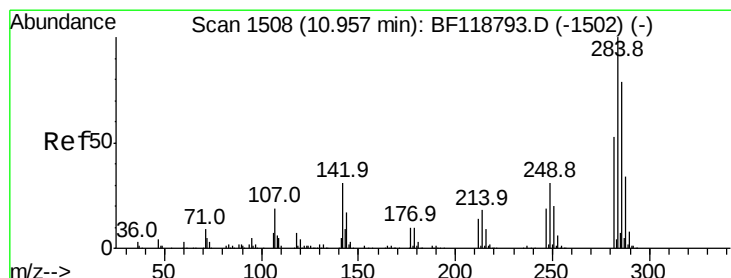
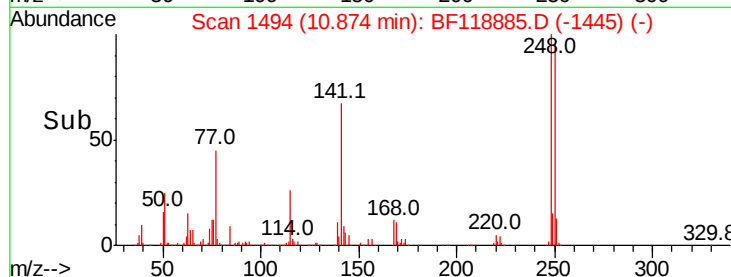
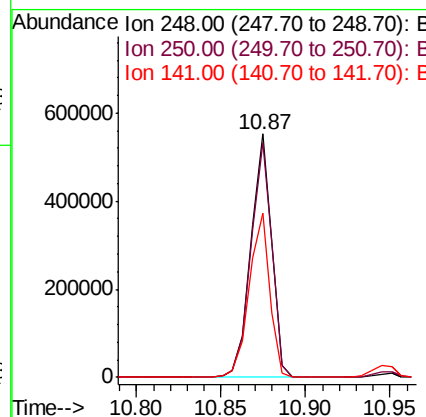
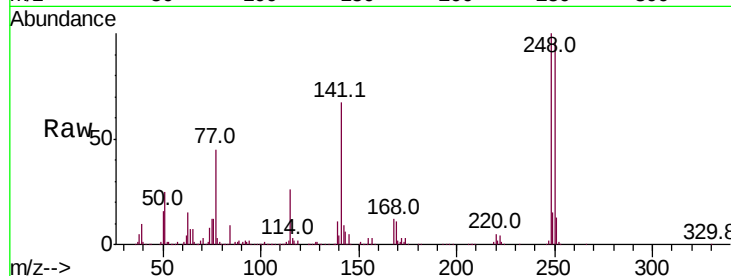




#67  
4-Bromophenyl-phenylether  
Concen: 39.488 ng  
RT: 10.87 min Scan# 1494  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

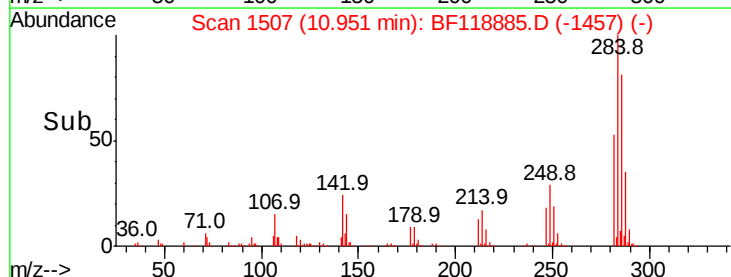
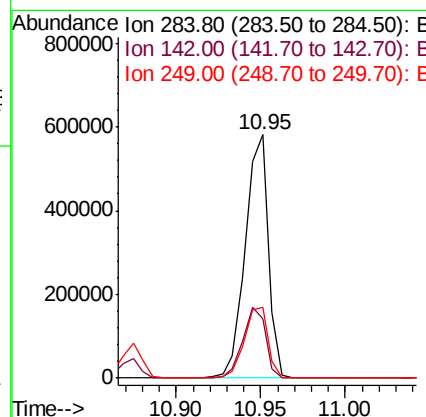
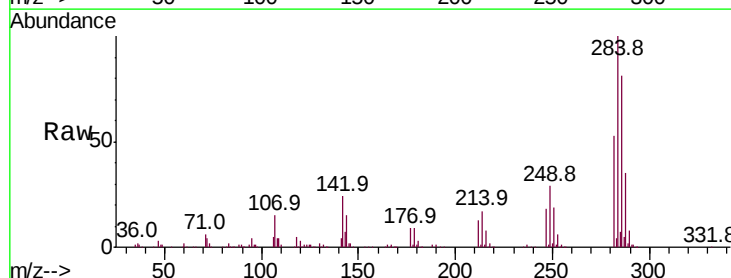
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

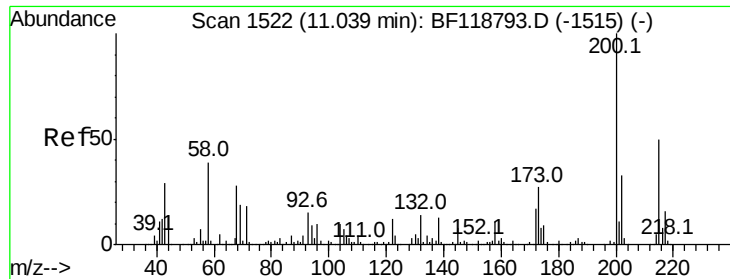
Tot Ion:248 Resp: 477977  
Ion Ratio Lower Upper  
248 100  
250 96.4 77.6 116.4  
141 67.3 54.4 81.6



#68  
Hexachlorobenzene  
Concen: 39.824 ng  
RT: 10.95 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion:284 Resp: 552899  
Ion Ratio Lower Upper  
284 100  
142 24.5 24.5 36.7#  
249 29.1 24.7 37.1

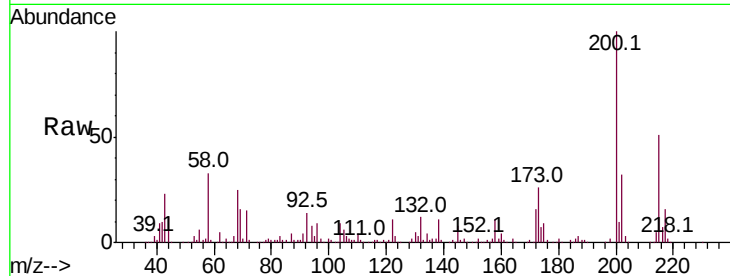




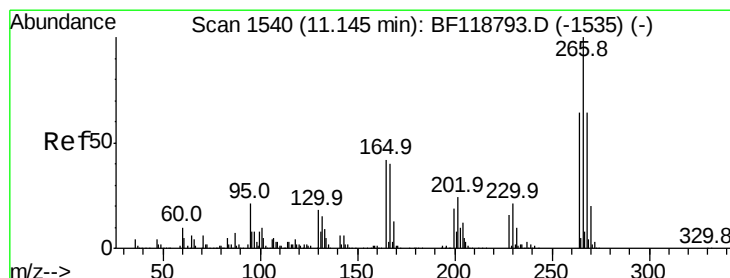
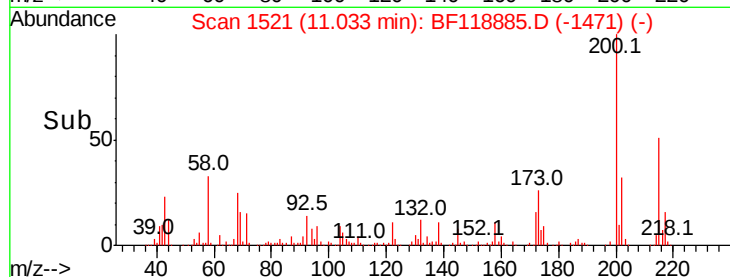
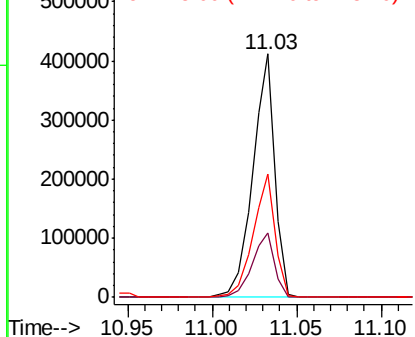
#69  
 Atrazine  
 Concen: 37.953 ng  
 RT: 11.03 min Scan# 1521  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 7.5   | 47.5  |
| 215     | 50.8  | 29.9  | 69.9  |

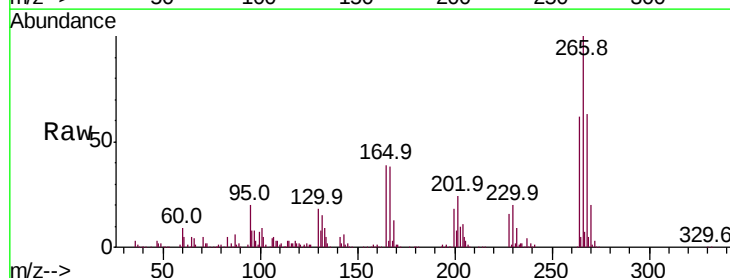


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

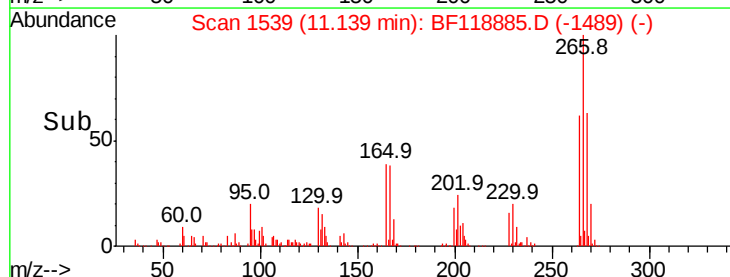
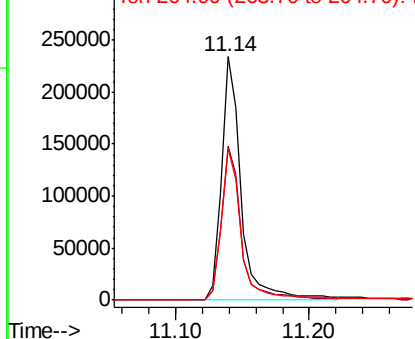


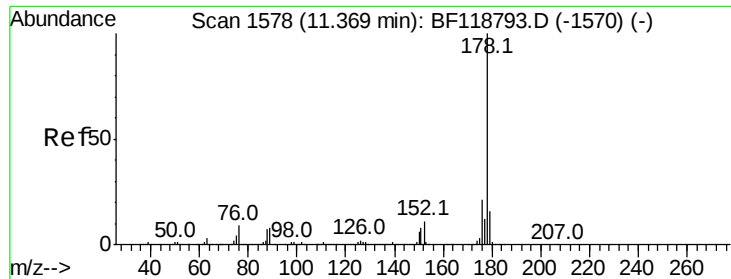
#70  
 Pentachlorophenol  
 Concen: 33.463 ng  
 RT: 11.14 min Scan# 1539  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.2  | 51.0  | 76.6  |
| 264     | 62.1  | 51.4  | 77.2  |



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





#71

Phenanthrene

Concen: 39.269 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

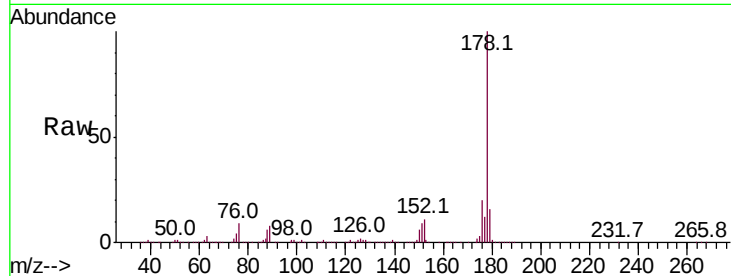
Tot Ion:178 Resp: 1976956

Ion Ratio Lower Upper

178 100

176 20.3 16.6 24.8

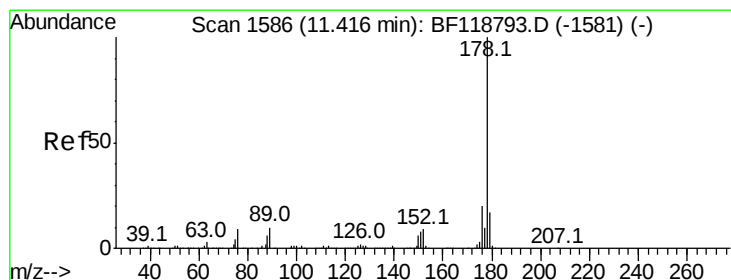
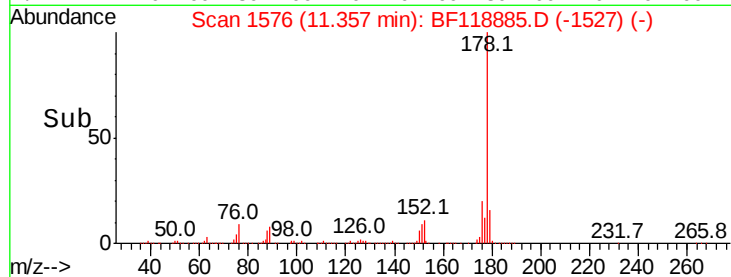
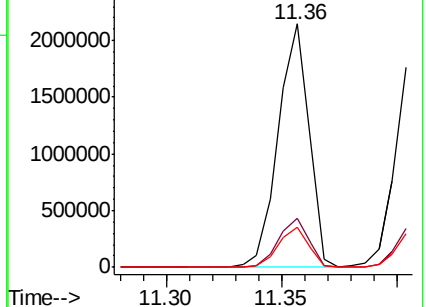
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.240 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

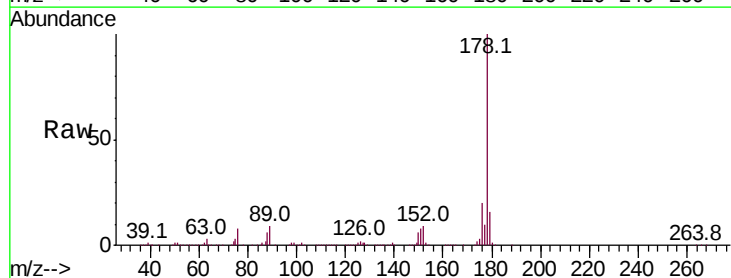
Tgt Ion:178 Resp: 1965267

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

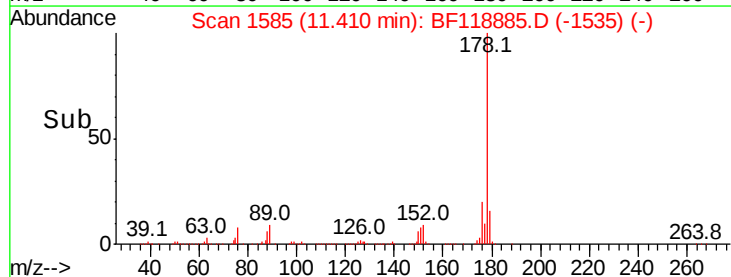
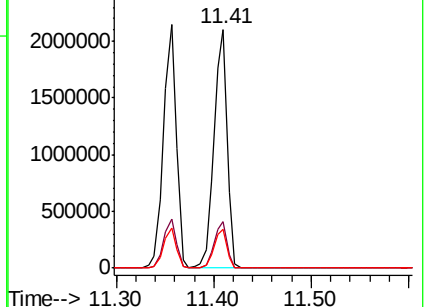
179 16.2 13.4 20.2

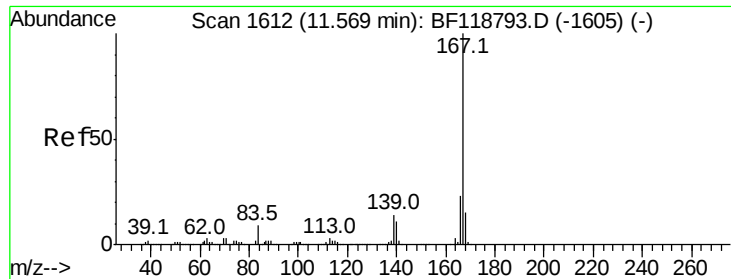


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



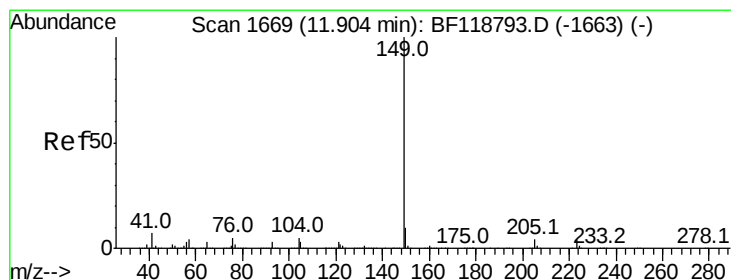
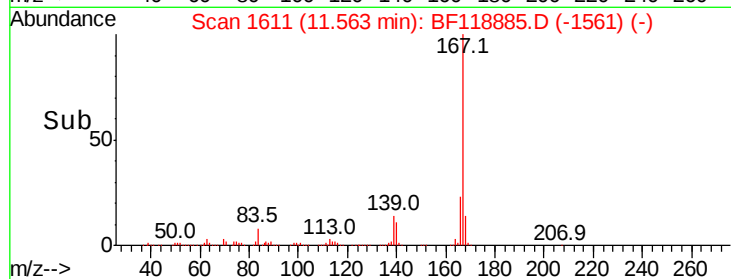
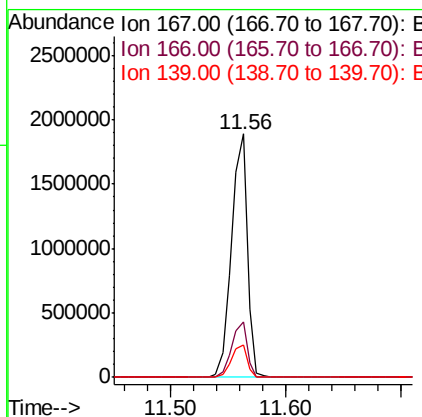
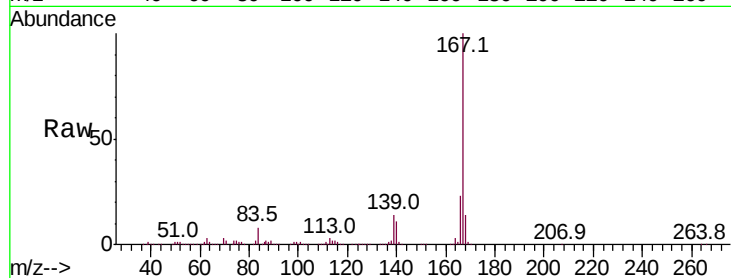


#73  
 Carbazole  
 Concen: 41.013 ng  
 RT: 11.56 min Scan# 1611  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 1802680  

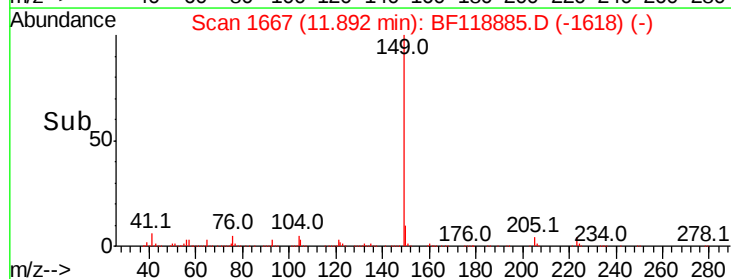
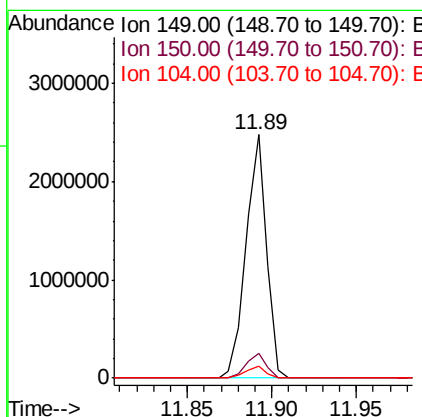
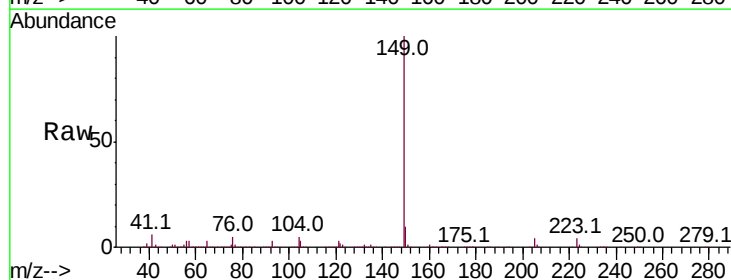
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 18.4  | 27.6  |
| 139 | 13.6  | 11.1  | 16.7  |

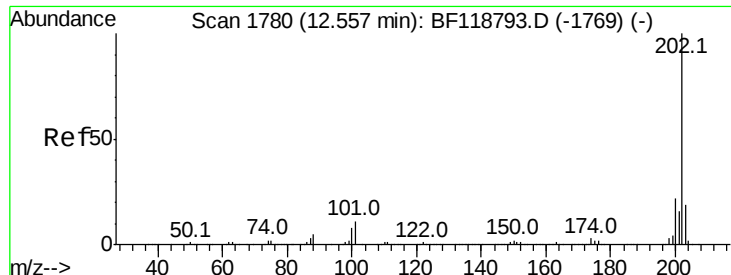


#74  
 Di-n-butylphthalate  
 Concen: 37.629 ng  
 RT: 11.89 min Scan# 1667  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Tgt Ion:149 Resp: 2106918  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.0  | 8.1   | 12.1  |
| 104 | 5.1   | 4.3   | 6.5   |

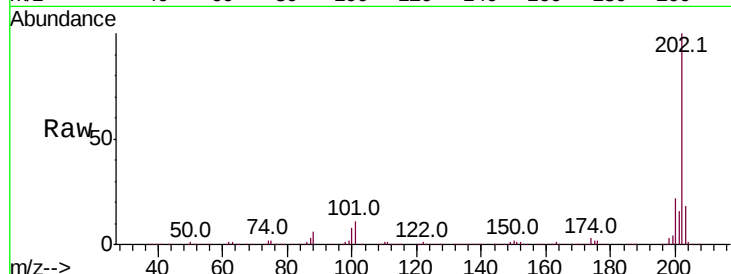




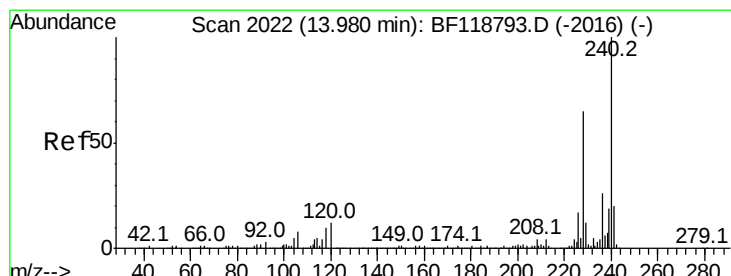
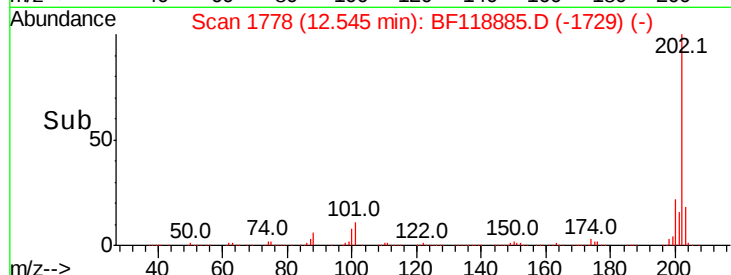
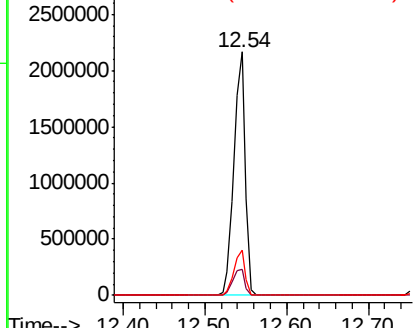
#75  
 Fluoranthene  
 Concen: 38.333 ng  
 RT: 12.54 min Scan# 1778  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:202 Resp: 2107041  
 Ion Ratio Lower Upper  
 202 100  
 101 10.9 0.0 31.0  
 203 18.5 0.0 38.7

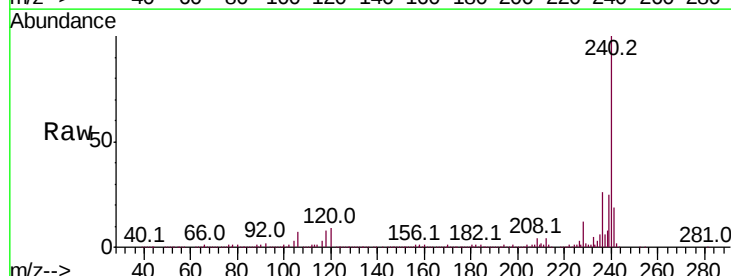


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

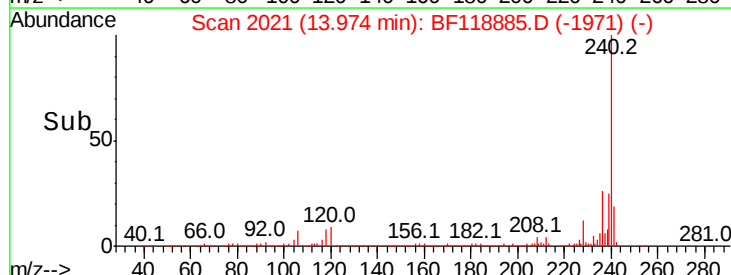
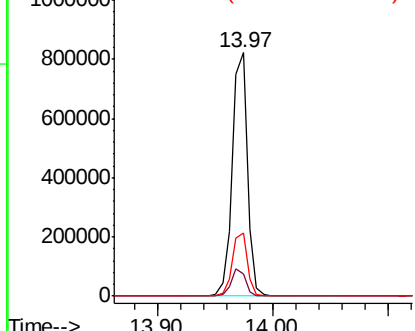


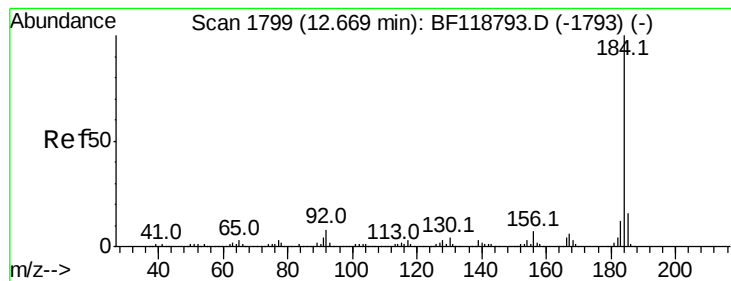
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.97 min Scan# 2021  
 Delta R.T. -0.01 min  
 Lab File: BF118885.D  
 Acq: 11 Feb 2020 15:33

Tgt Ion:240 Resp: 745539  
 Ion Ratio Lower Upper  
 240 100  
 120 9.2 9.4 14.0#  
 236 25.9 21.0 31.6



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





#77

Benzidine

Concen: 36.302 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

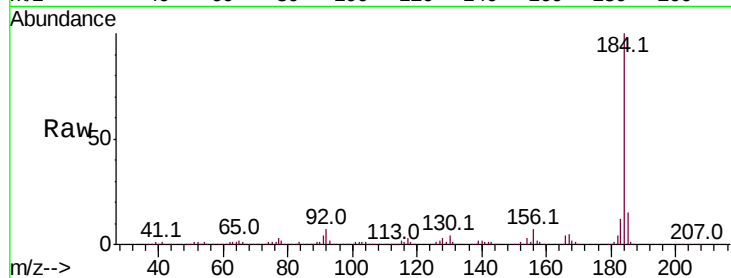
Tot Ion:184 Resp: 818579

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

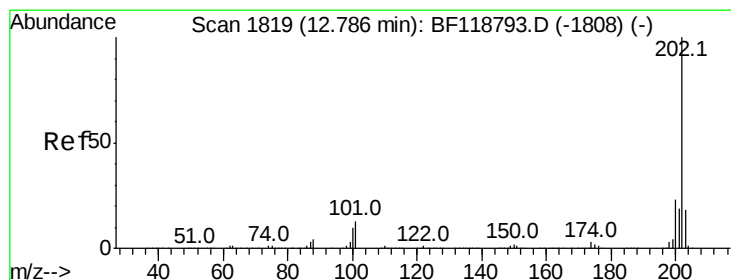
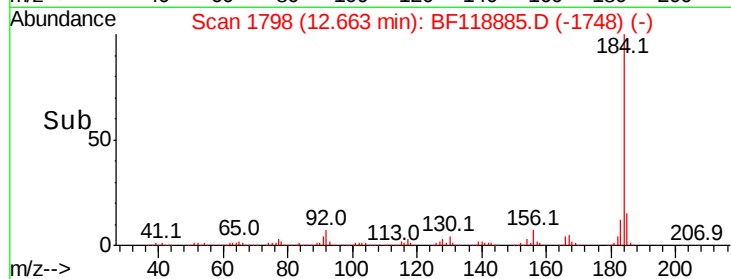
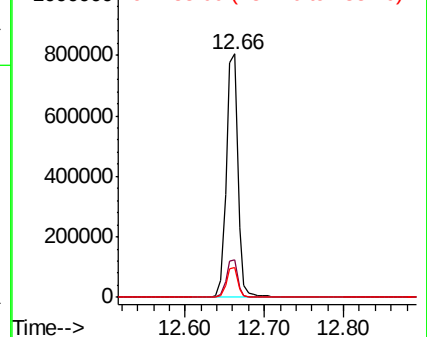
183 12.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.781 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

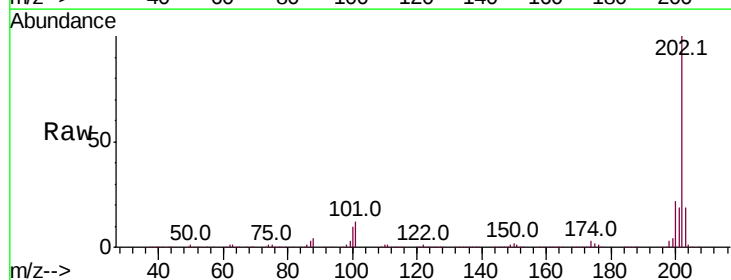
Tgt Ion:202 Resp: 2136914

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

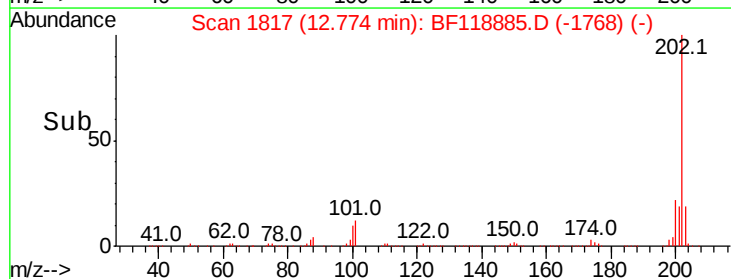
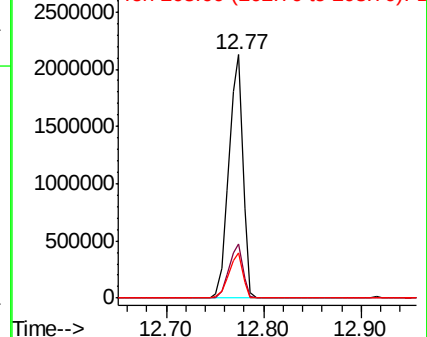
203 18.5 14.8 22.2

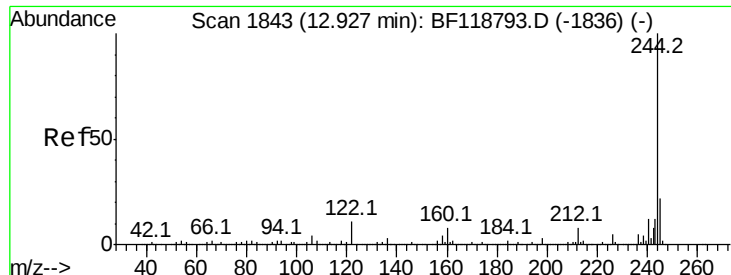


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.463 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

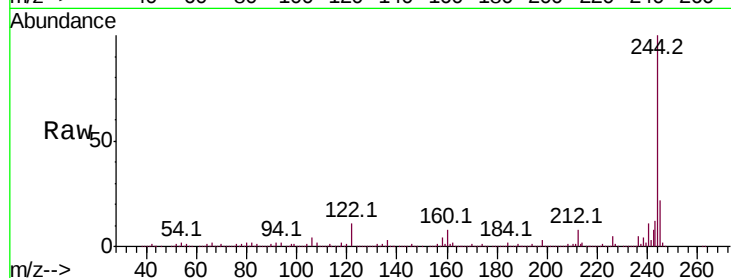
Tot Ion:244 Resp: 2956800

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

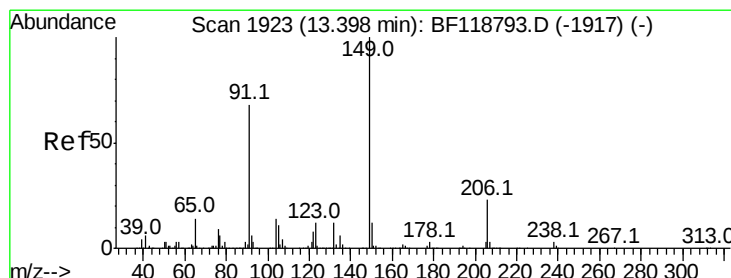
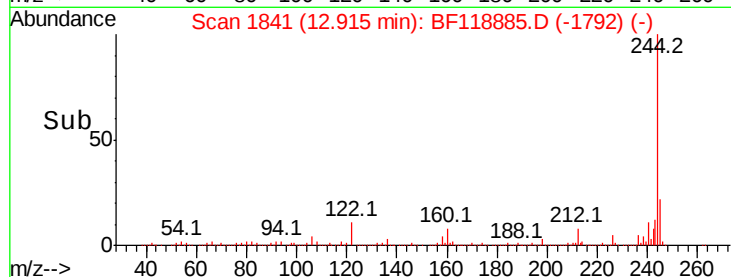
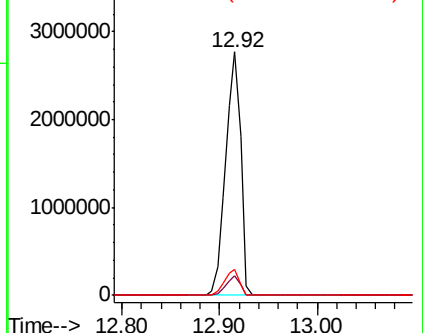
122 10.5 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.703 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

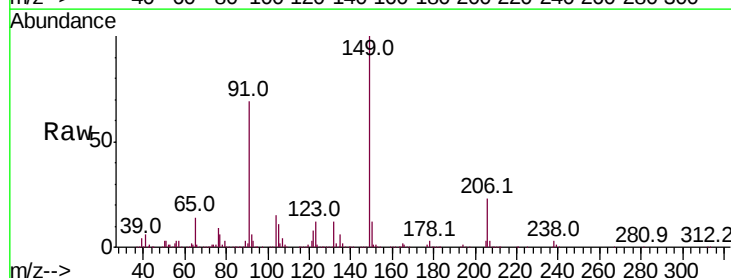
Tgt Ion:149 Resp: 926848

Ion Ratio Lower Upper

149 100

91 68.8 54.7 82.1

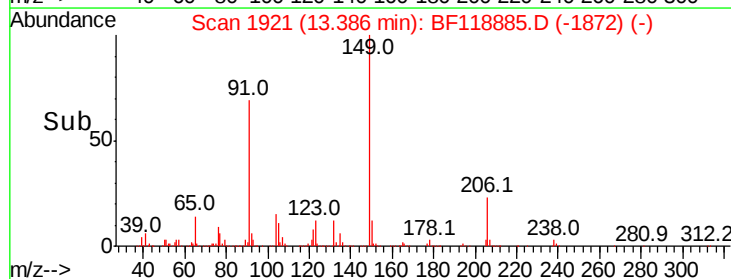
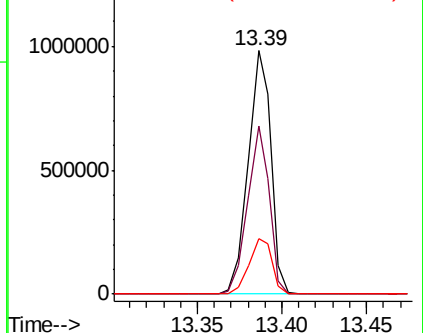
206 22.9 18.5 27.7

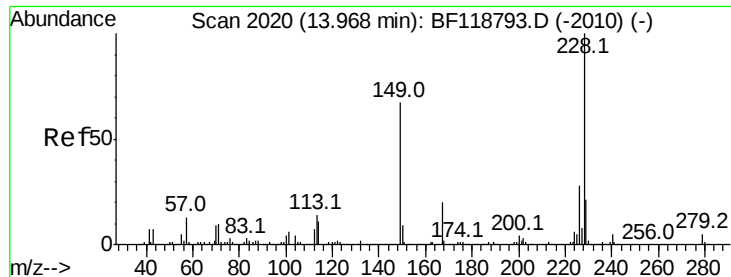


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.722 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

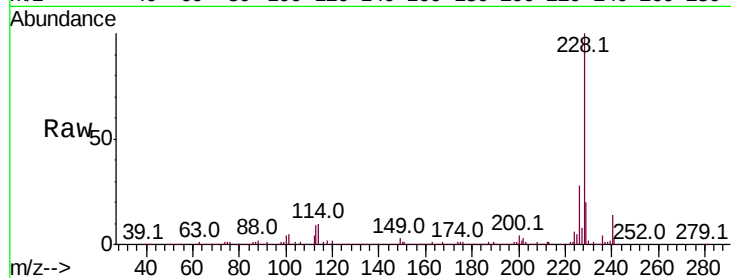
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1850971

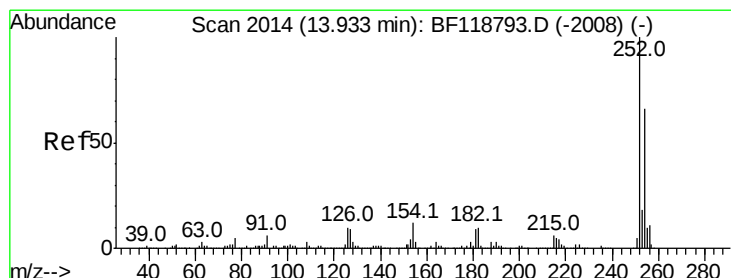
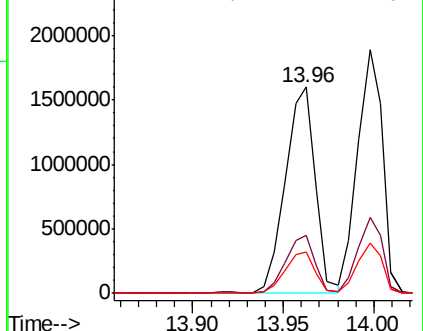
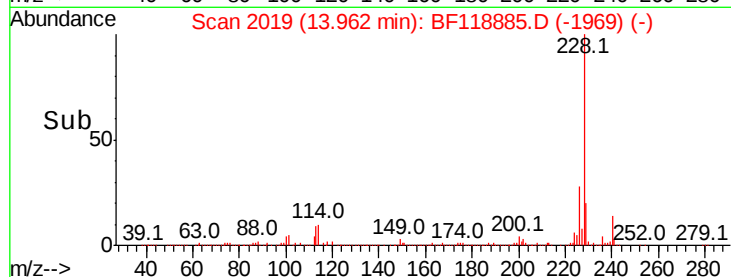
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.9  | 22.7  | 34.1  |
| 229 | 20.2  | 16.6  | 25.0  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.727 ng

RT: 13.92 min Scan# 2012

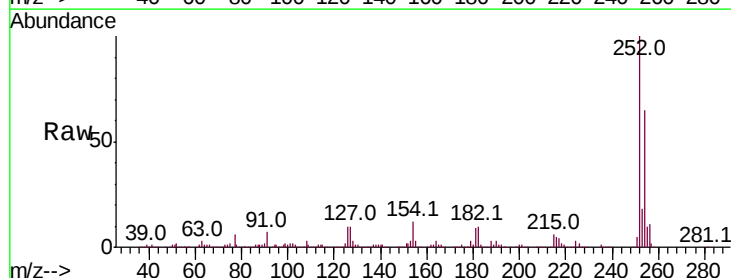
Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Tgt Ion:252 Resp: 738988

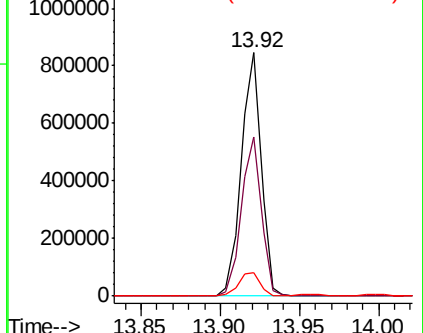
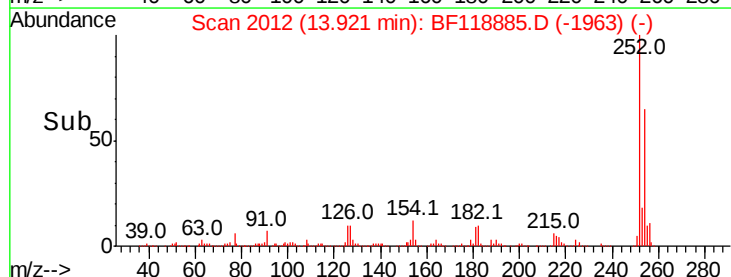
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.1  | 52.4  | 78.6  |
| 126 | 9.6   | 7.8   | 11.8  |

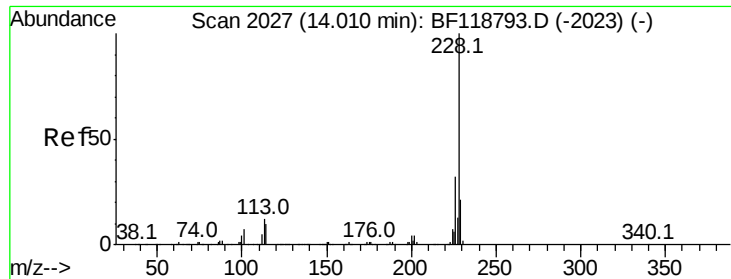


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.914 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

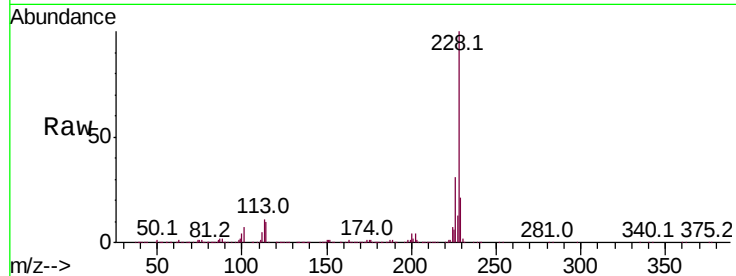
Tot Ion:228 Resp: 1821747

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

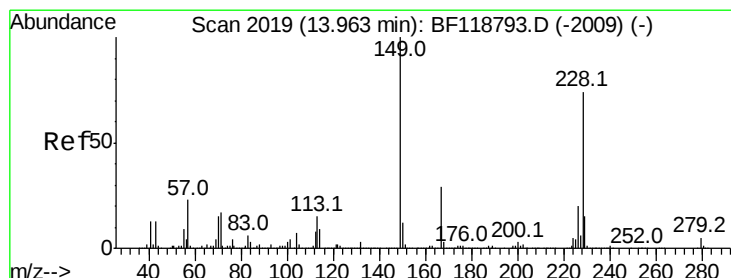
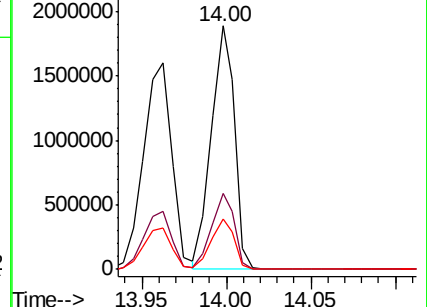
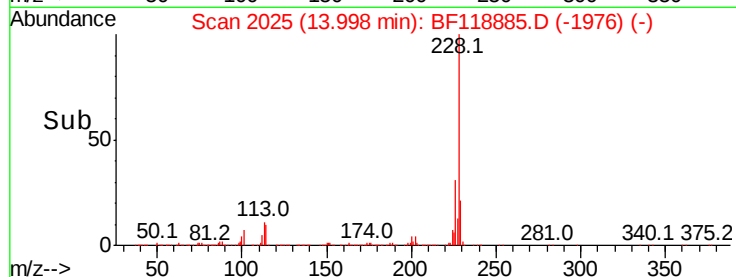
229 20.5 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.910 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

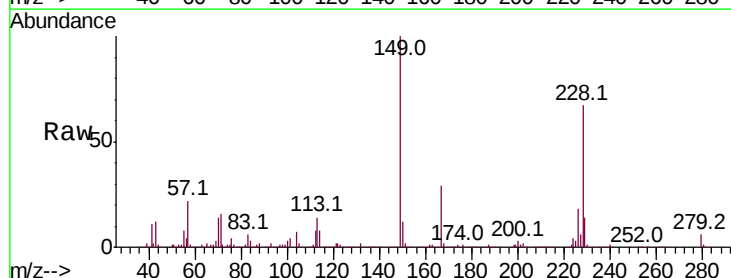
Tgt Ion:149 Resp: 1152415

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.6

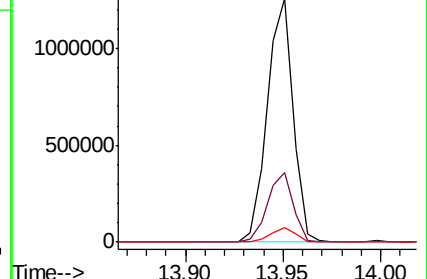
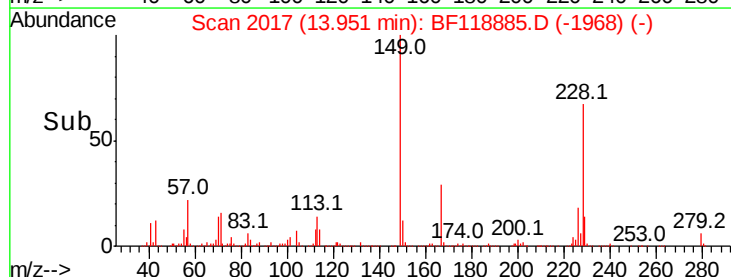
279 5.8 4.4 6.6

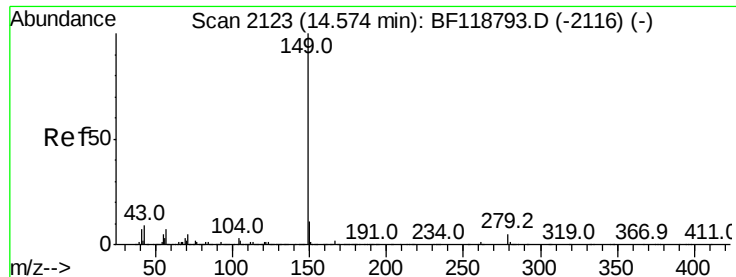


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.370 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

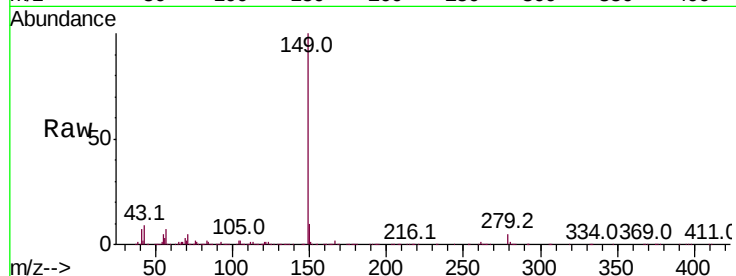
Tot Ion:149 Resp: 1896112

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

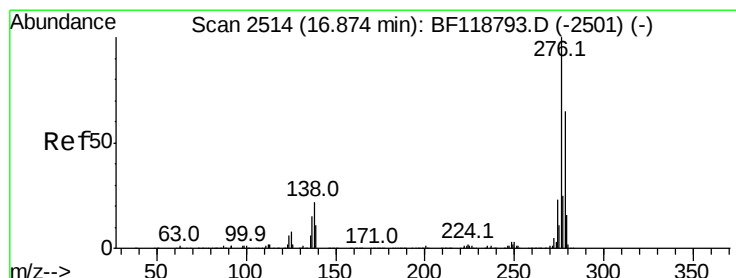
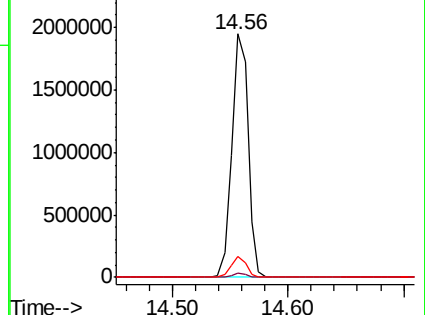
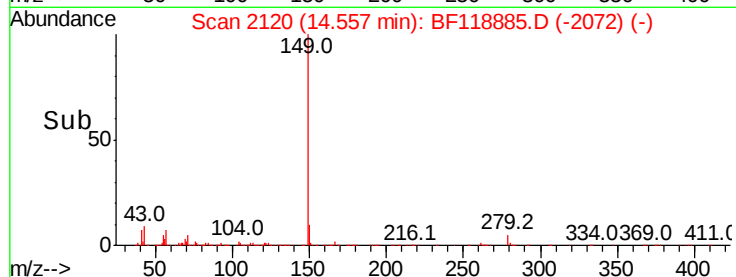
43 8.1 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.823 ng

RT: 16.86 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

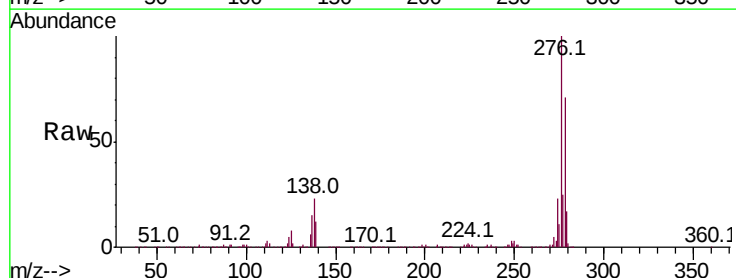
Tgt Ion:276 Resp: 1602615

Ion Ratio Lower Upper

276 100

138 22.8 18.3 27.5

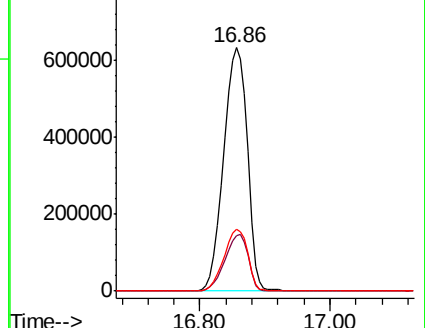
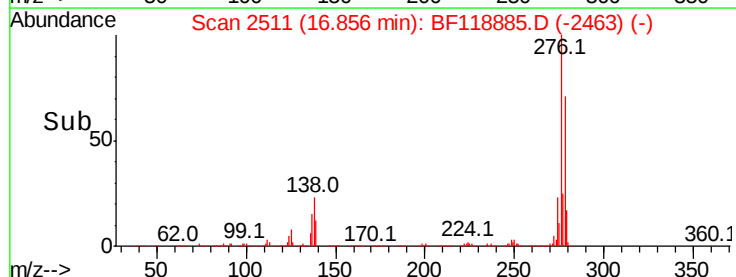
277 25.4 20.2 30.4

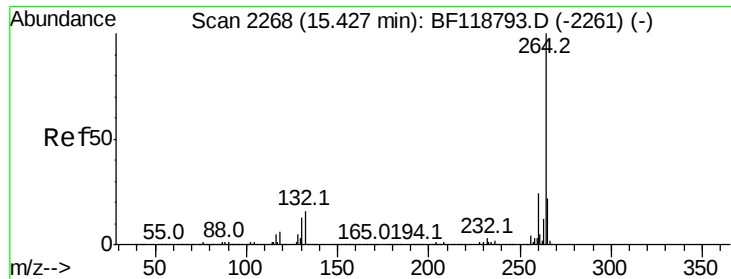


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

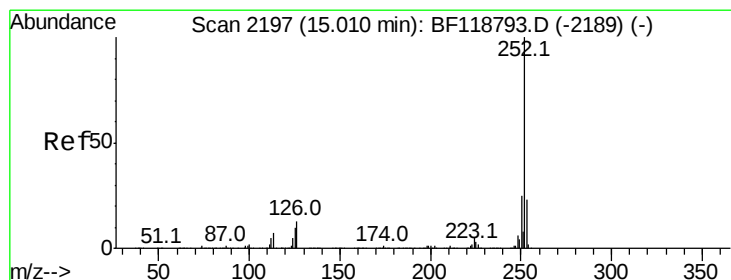
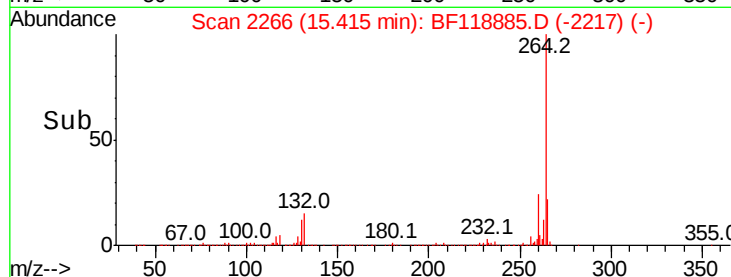
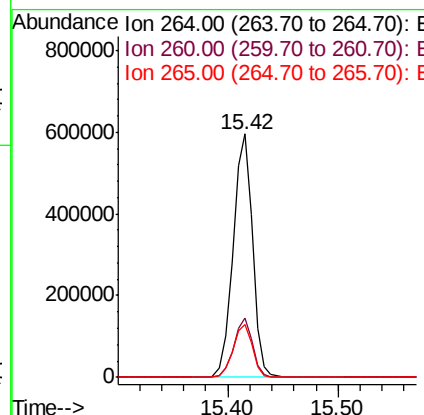
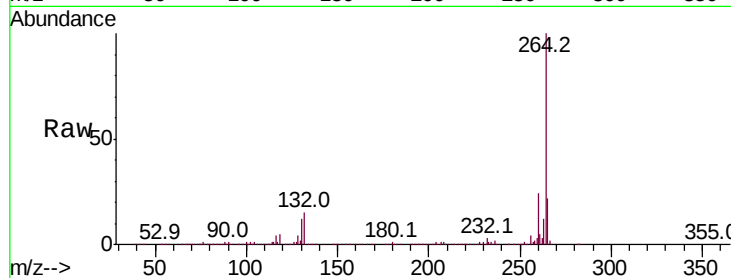




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.42 min Scan# 2266  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

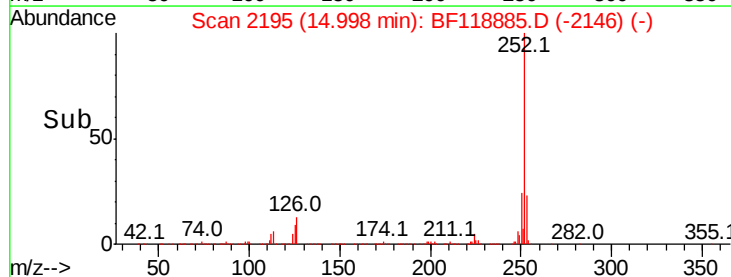
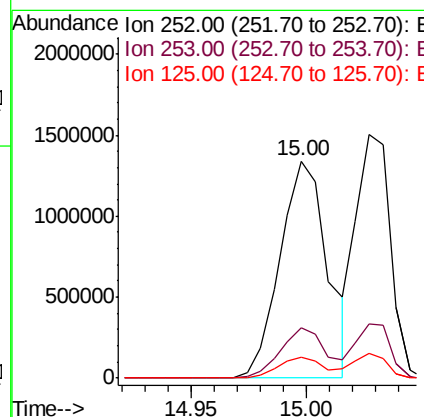
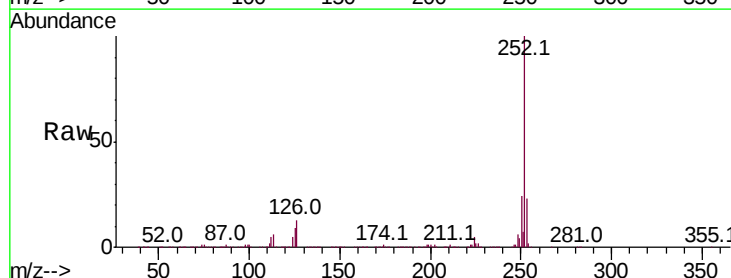
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

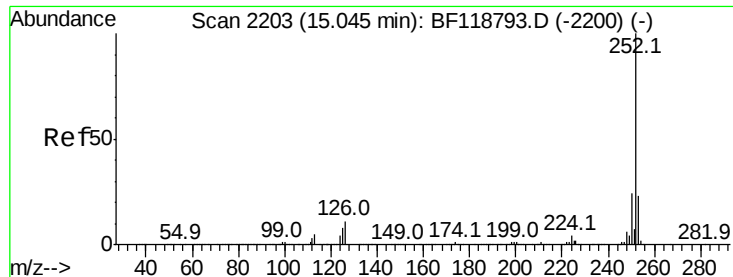
Tot Ion:264 Resp: 735101  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.1 28.7  
265 21.7 17.2 25.8



#88  
Benzo(b)fluoranthene  
Concen: 42.001 ng  
RT: 15.00 min Scan# 2195  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion:252 Resp: 1915869  
Ion Ratio Lower Upper  
252 100  
253 23.2 18.4 27.6  
125 9.4 8.1 12.1

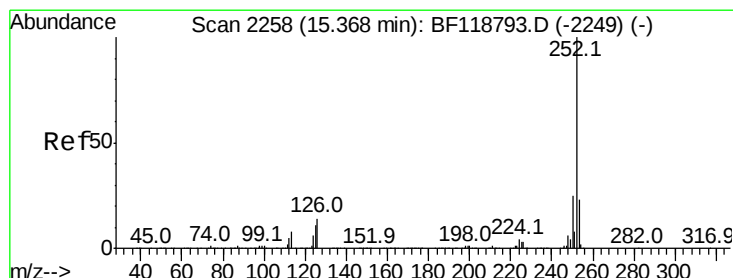
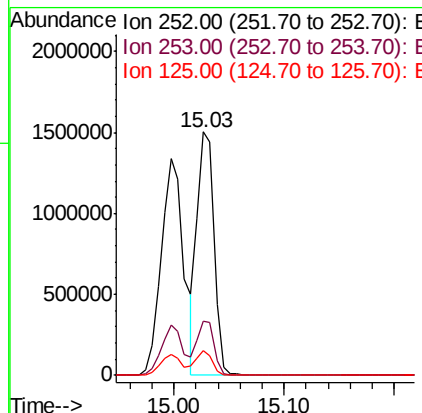
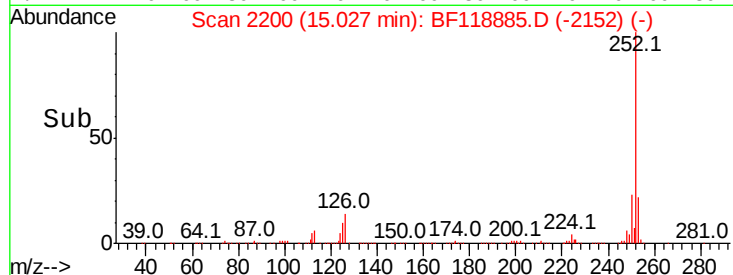
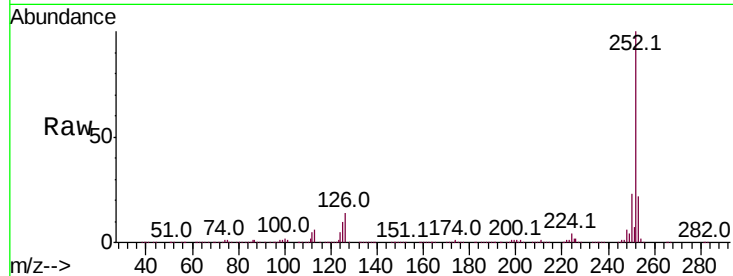




#89  
Benzo(k)fluoranthene  
Concen: 39.481 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. -0.02 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

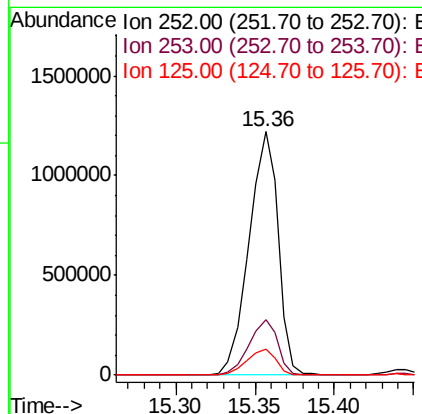
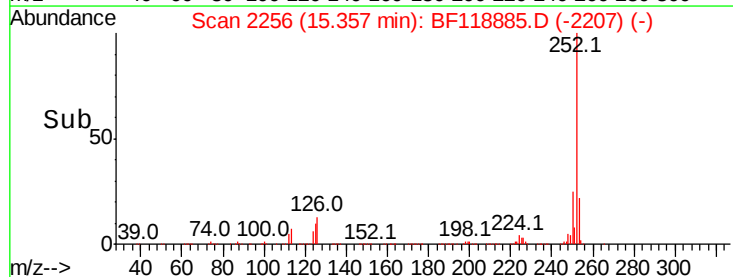
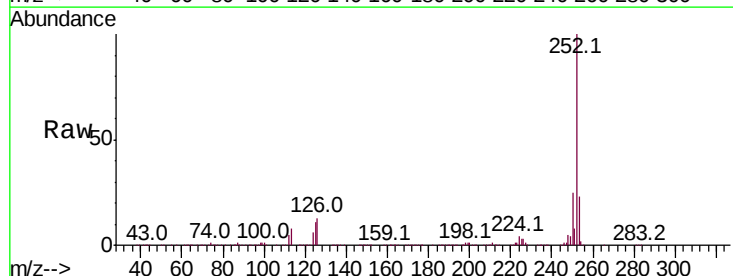
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

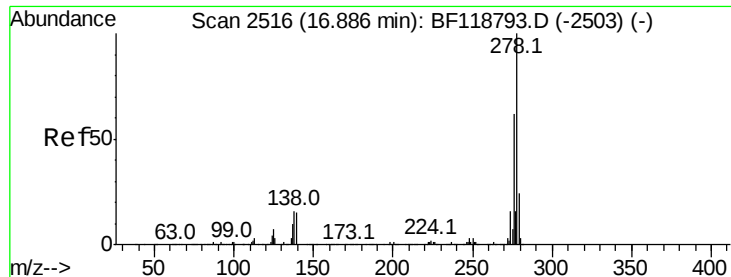
Tot Ion:252 Resp: 1568232  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.2 27.4  
125 10.0 7.0 10.6



#90  
Benzo(a)pyrene  
Concen: 39.901 ng  
RT: 15.36 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BF118885.D  
Acq: 11 Feb 2020 15:33

Tgt Ion:252 Resp: 1557610  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.1 27.1  
125 10.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 37.971 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.02 min

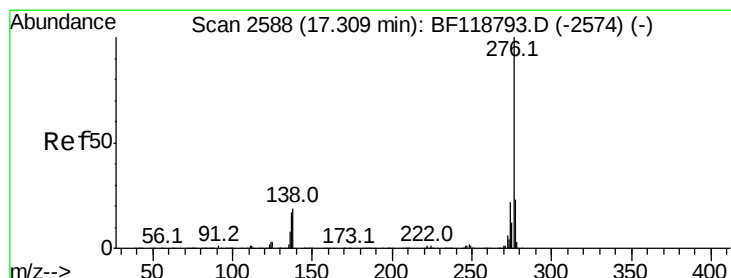
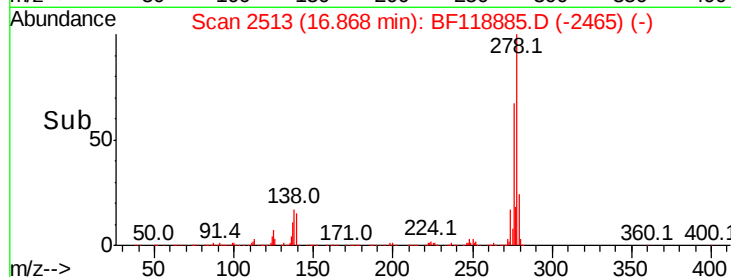
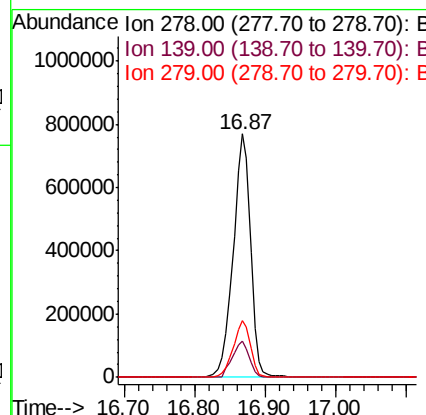
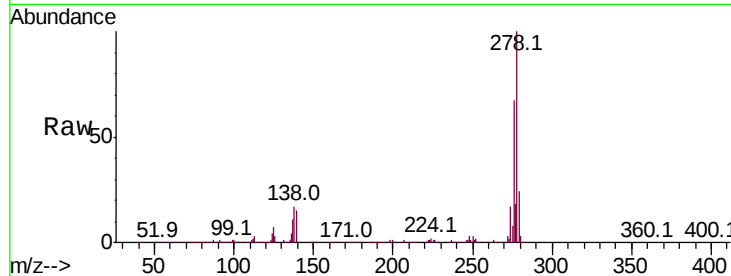
Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 1315861

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.9  | 12.3  | 18.5  |
| 279 | 23.5  | 19.1  | 28.7  |



#92

Benzo(g,h,i)perylene

Concen: 38.386 ng

RT: 17.29 min Scan# 2584

Delta R.T. -0.02 min

Lab File: BF118885.D

Acq: 11 Feb 2020 15:33

Tgt Ion:276 Resp: 1279325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.9  | 18.7  | 28.1  |
| 138 | 19.9  | 15.4  | 23.2  |

