

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\  
 Data File : BF121609.D  
 Acq On : 18 Sep 2020 10:32  
 Operator : JU/CG  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 18 11:37:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 10 16:47:54 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 220050   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.11  | 136  | 828095   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.86  | 164  | 440225   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.35 | 188  | 832054   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.99 | 240  | 638014   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.44 | 264  | 595428   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.45  | 112 | 1186743 | 80.15 | ng | 0.00 |
| 7) Phenol-d6             | 6.47  | 99  | 1579443 | 81.31 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.40  | 82  | 1402379 | 90.93 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 537524  | 98.24 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.19  | 172 | 2312538 | 79.56 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.94 | 244 | 2775459 | 88.13 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.58 | 88  | 275130  | 40.445 | ng | 99     |
| 3) Pyridine                    | 3.33 | 79  | 786573  | 41.826 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 379124  | 43.463 | ng | 99     |
| 6) Aniline                     | 6.50 | 93  | 1001681 | 39.592 | ng | 97     |
| 8) 2-Chlorophenol              | 6.62 | 128 | 637410  | 42.281 | ng | 96     |
| 9) Benzaldehyde                | 6.38 | 77  | 478912  | 37.712 | ng | 98     |
| 10) Phenol                     | 6.49 | 94  | 807722  | 39.047 | ng | # 72   |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 674468  | 43.260 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 709218  | 42.148 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 708767  | 41.949 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 630323  | 40.497 | ng | 97     |
| 15) Benzyl Alcohol             | 6.97 | 79  | 563980  | 42.714 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 1031860 | 41.128 | ng | 88     |
| 17) 2-Methylphenol             | 7.09 | 107 | 557228  | 43.441 | ng | # 93   |
| 18) Hexachloroethane           | 7.34 | 117 | 264048  | 43.646 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 484781  | 43.301 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 606654  | 39.363 | ng | # 89   |
| 22) Acetophenone               | 7.25 | 105 | 870764  | 41.445 | ng | # 93   |
| 24) Nitrobenzene               | 7.42 | 77  | 741422  | 44.447 | ng | 99     |
| 25) Isophorone                 | 7.66 | 82  | 1407435 | 45.333 | ng | 99     |
| 26) 2-Nitrophenol              | 7.73 | 139 | 362225  | 46.226 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 586785  | 42.340 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 837379  | 43.567 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 560153  | 44.377 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.05 | 180 | 582323  | 43.804 | ng | 99     |
| 31) Naphthalene                | 8.13 | 128 | 1824366 | 41.734 | ng | 99     |
| 32) Benzoic acid               | 7.93 | 122 | 391471  | 39.325 | ng | 99     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 811533  | 42.828 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 357304  | 45.790 | ng | 99     |
| 35) Caprolactam                | 8.59 | 113 | 196459  | 46.737 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 611975  | 45.006 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.82 | 142 | 1223688 | 42.716 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.92 | 142 | 1129745 | 42.374 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.99 | 216 | 588740  | 42.814 | ng | 99     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

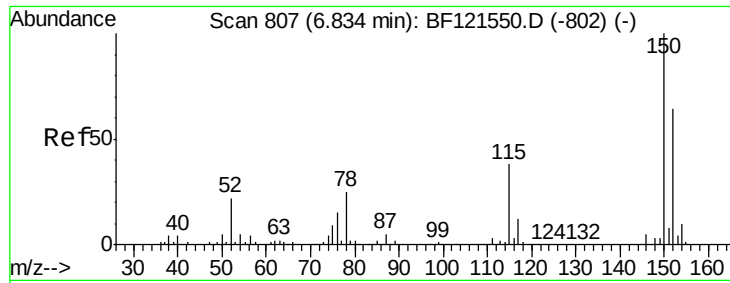
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 18 11:37:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 10 16:47:54 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.97  | 237  | 350234   | 44.599 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.10  | 196  | 414426   | 44.215 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 440199   | 44.425 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.29  | 154  | 1436001  | 40.746 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.32  | 162  | 1140348  | 41.061 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.41  | 65   | 421874   | 48.883 | ng    | 99       |
| 49) Acenaphthylene             | 9.73  | 152  | 1756339  | 41.160 | ng    | 99       |
| 50) Dimethylphthalate          | 9.60  | 163  | 1474211  | 46.204 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 322382   | 47.443 | ng    | 89       |
| 52) Acenaphthene               | 9.90  | 154  | 1062223  | 39.412 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.83  | 138  | 361888   | 45.973 | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 9.93  | 184  | 184047   | 50.697 | ng    | 100      |
| 55) Dibenzofuran               | 10.07 | 168  | 1549424  | 40.823 | ng    | 99       |
| 56) 4-Nitrophenol              | 10.00 | 139  | 282591   | 45.015 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 10.06 | 165  | 422815   | 49.460 | ng    | 92       |
| 58) Fluorene                   | 10.42 | 166  | 1197085  | 41.243 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.19 | 232  | 370818   | 46.033 | ng    | 97       |
| 60) Diethylphthalate           | 10.29 | 149  | 1397580  | 44.926 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204  | 604248   | 43.458 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 363277   | 46.480 | ng    | 100      |
| 63) Azobenzene                 | 10.57 | 77   | 1410194  | 42.568 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 254690   | 49.614 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 10.53 | 169  | 1191400  | 41.736 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.89 | 248  | 427906   | 45.170 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.96 | 284  | 477088   | 44.626 | ng    | 95       |
| 69) Atrazine                   | 11.05 | 200  | 297015   | 41.880 | ng    | 98       |
| 70) Pentachlorophenol          | 11.16 | 266  | 259724   | 44.236 | ng    | 99       |
| 71) Phenanthrene               | 11.37 | 178  | 1860464  | 41.039 | ng    | 100      |
| 72) Anthracene                 | 11.43 | 178  | 1901758  | 40.651 | ng    | 99       |
| 73) Carbazole                  | 11.58 | 167  | 1766449  | 41.842 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.91 | 149  | 2119286  | 43.495 | ng    | 99       |
| 75) Fluoranthene               | 12.56 | 202  | 2016903  | 41.677 | ng    | 98       |
| 77) Benzidine                  | 12.68 | 184  | 846203   | 40.007 | ng    | 100      |
| 78) Pyrene                     | 12.79 | 202  | 2061098  | 44.215 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 930681   | 49.366 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.98 | 228  | 1796189  | 44.500 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.94 | 252  | 734045   | 46.582 | ng    | 99       |
| 83) Chrysene                   | 14.02 | 228  | 1746606  | 42.732 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149  | 1223860  | 48.593 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.57 | 149  | 2129707  | 47.915 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.89 | 276  | 1691948  | 43.634 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.02 | 252  | 1943711  | 48.831 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 1943711  | 53.324 | ng    | 98       |
| 90) Benzo(a)pyrene             | 15.38 | 252  | 1518170  | 44.869 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.91 | 278  | 1384224  | 42.884 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 17.33 | 276  | 1376411  | 43.380 | ng    | 97       |

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



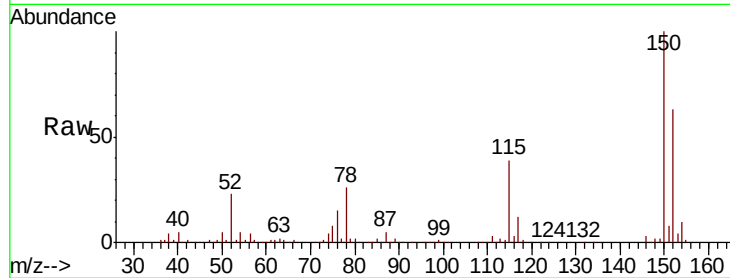


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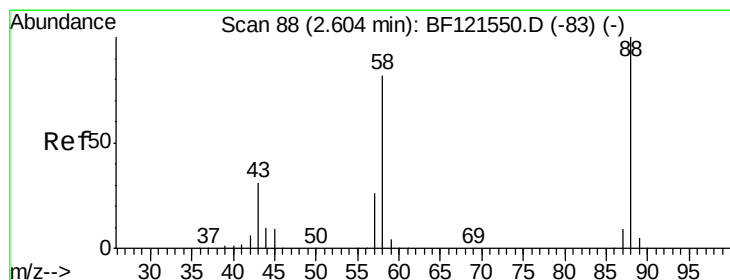
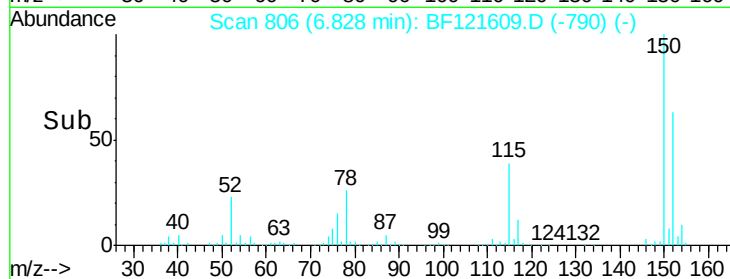
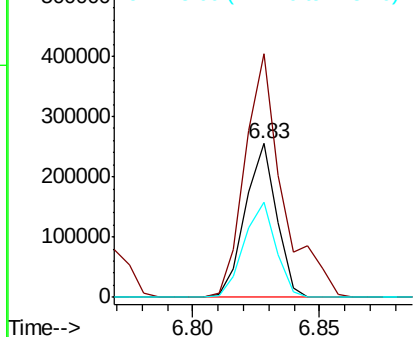
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 220050  
Ion Ratio Lower Upper  
152 100  
150 158.7 125.8 188.6  
115 62.3 47.8 71.8



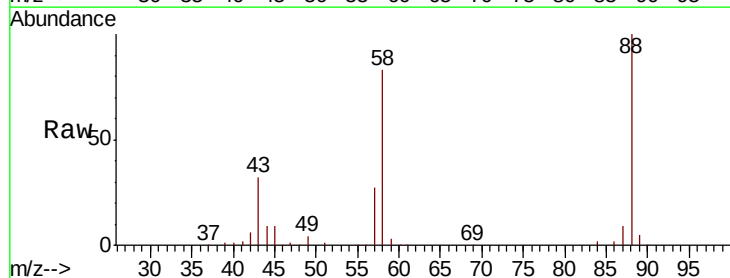
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



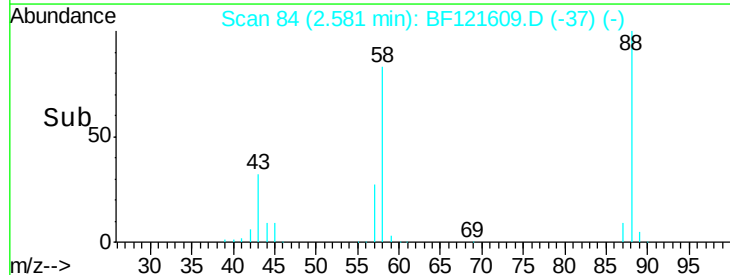
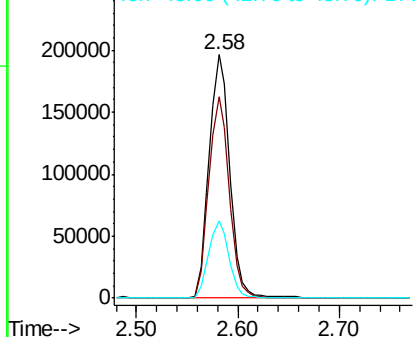
#2

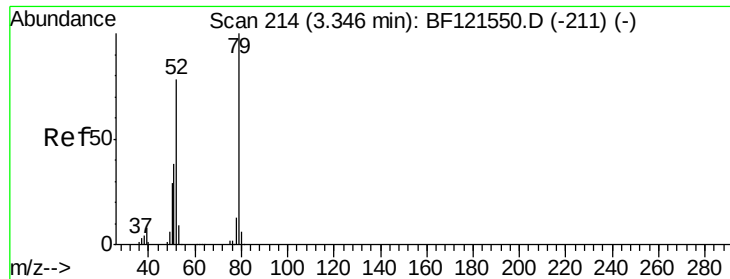
1,4-Dioxane  
Concen: 40.445 ng  
RT: 2.58 min Scan# 84  
Delta R.T. -0.02 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion: 88 Resp: 275130  
Ion Ratio Lower Upper  
88 100  
58 82.6 65.1 97.7  
43 31.8 25.0 37.4



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: 41.826 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.02 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

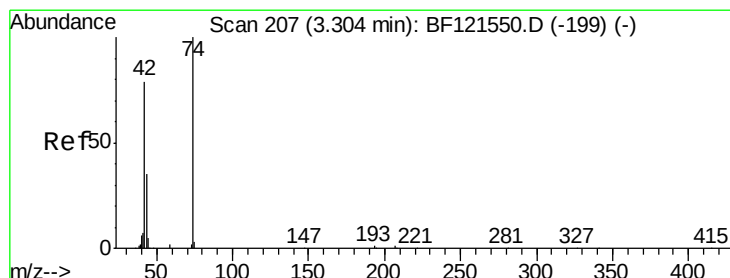
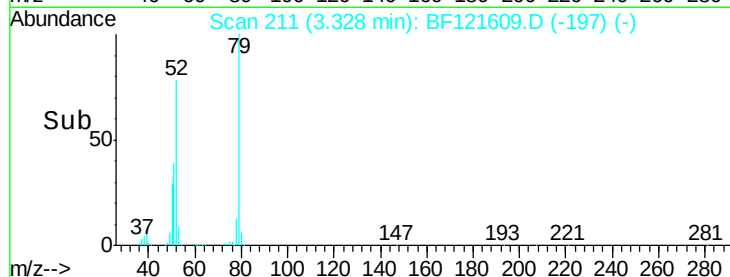
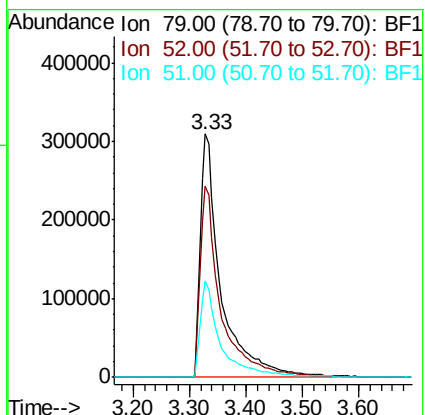
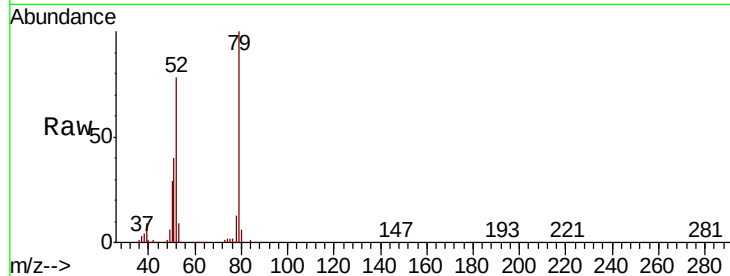
Tot Ion: 79 Resp: 786573

Ion Ratio Lower Upper

79 100

52 78.5 62.2 93.2

51 39.6 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 43.463 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

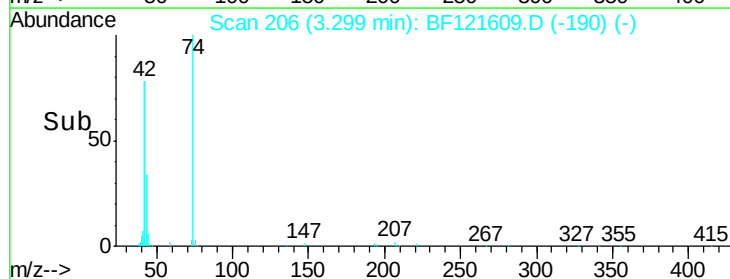
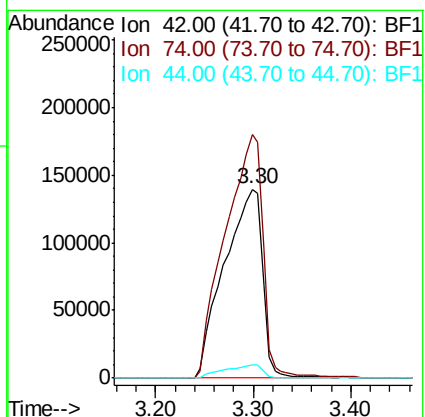
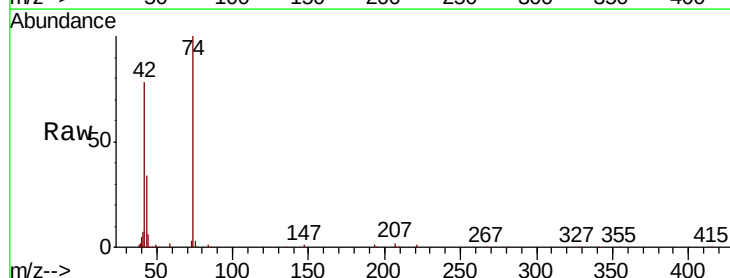
Tgt Ion: 42 Resp: 379124

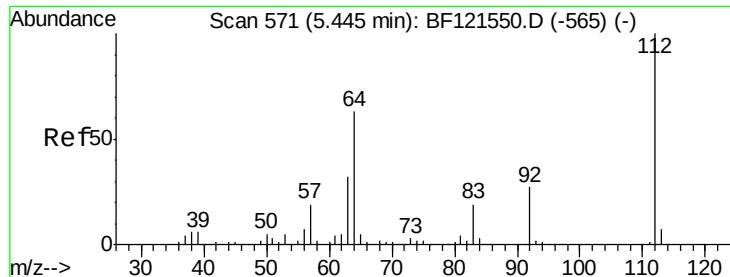
Ion Ratio Lower Upper

42 100

74 128.8 101.7 152.5

44 7.3 5.4 8.2





#5

2-Fluorophenol

Concen: 80.148 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

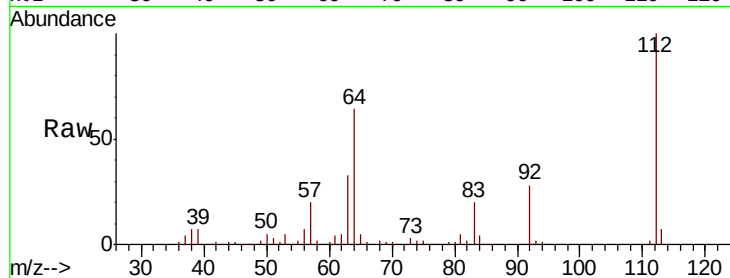
Tot Ion:112 Resp: 1186743

Ion Ratio Lower Upper

112 100

64 63.8 50.3 75.5

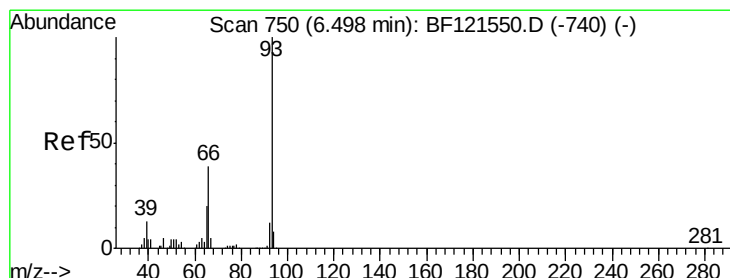
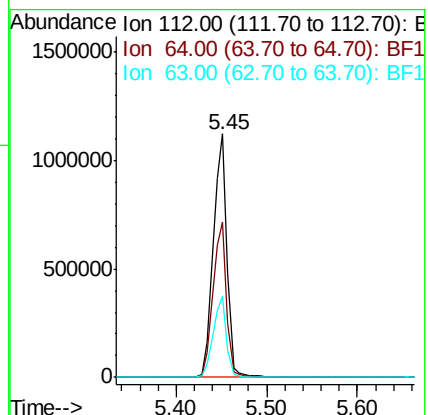
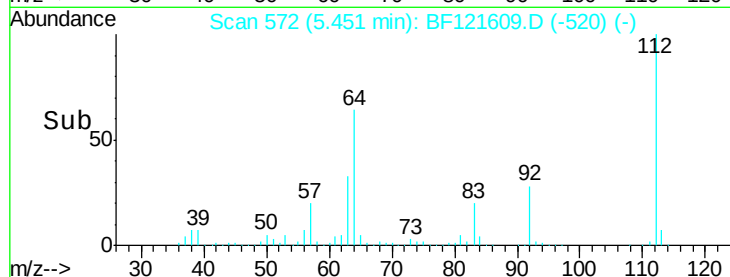
63 33.1 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.592 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

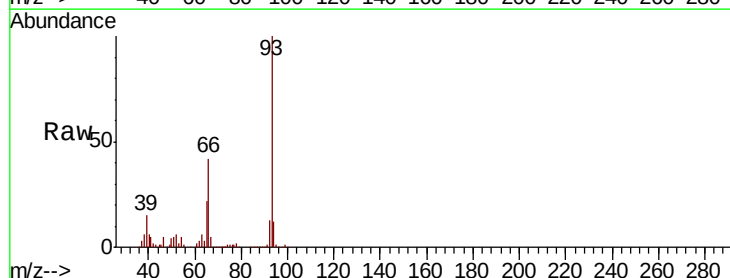
Tgt Ion: 93 Resp: 1001681

Ion Ratio Lower Upper

93 100

66 41.6 31.8 47.8

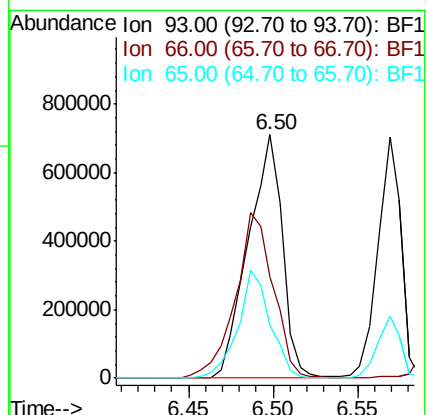
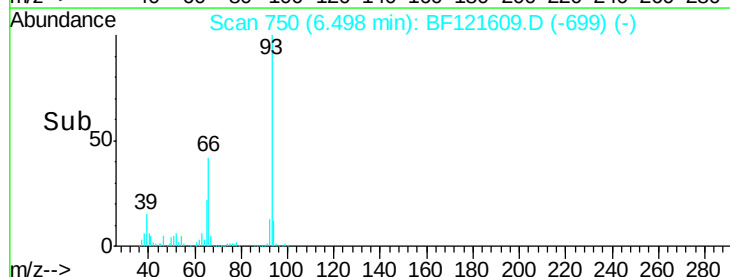
65 21.8 16.2 24.2

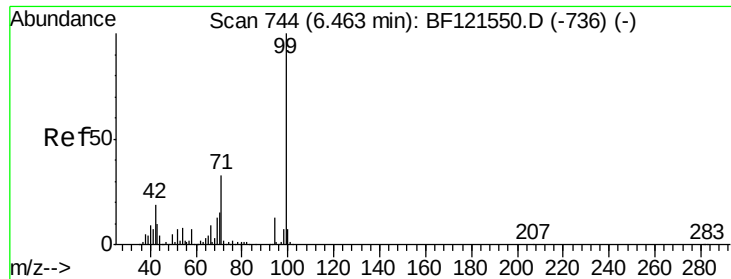


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.306 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

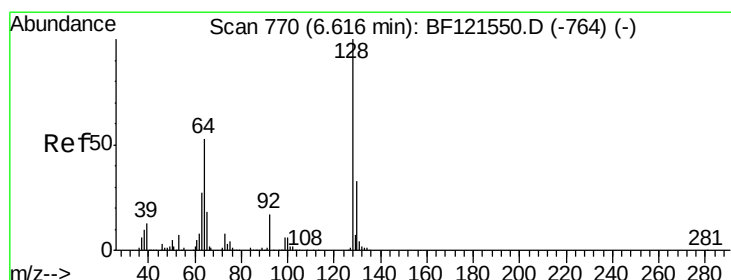
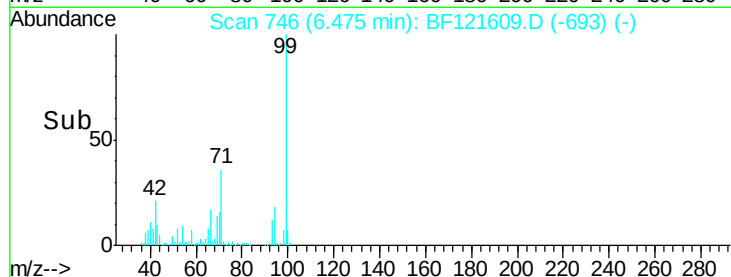
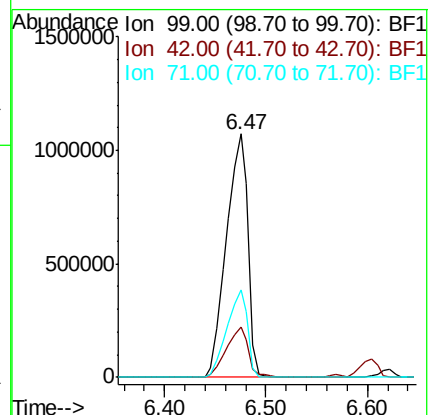
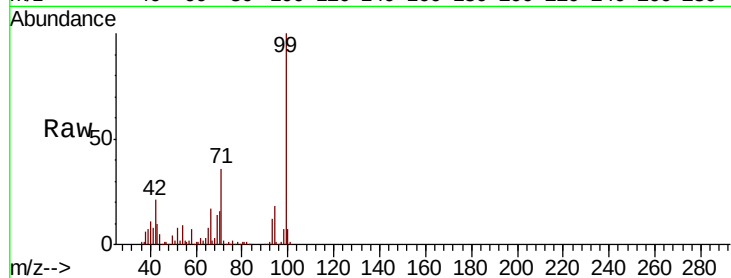
Tot Ion: 99 Resp: 1579443

Ion Ratio Lower Upper

99 100

42 20.8 15.5 23.3

71 36.1 26.1 39.1



#8

2-Chlorophenol

Concen: 42.281 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

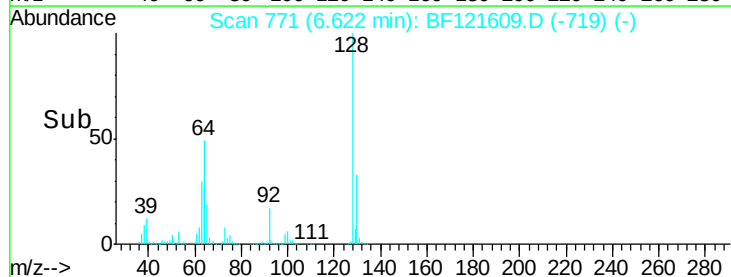
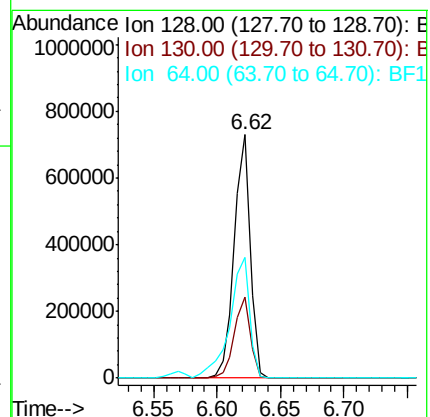
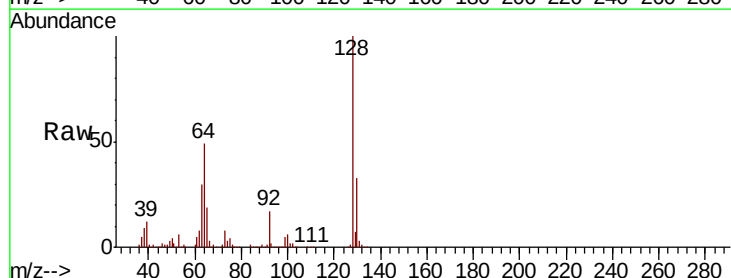
Tgt Ion: 128 Resp: 637410

Ion Ratio Lower Upper

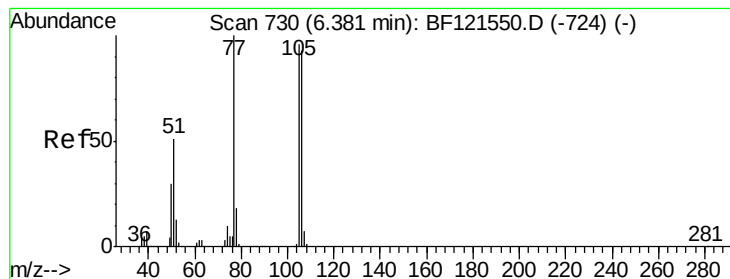
128 100

130 33.1 12.6 52.6

64 49.5 33.1 73.1







#9

Benzaldehyde

Concen: 37.712 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

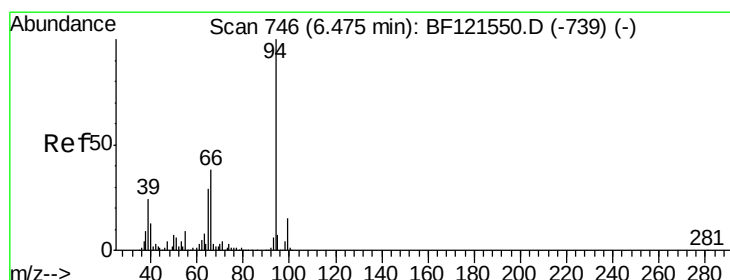
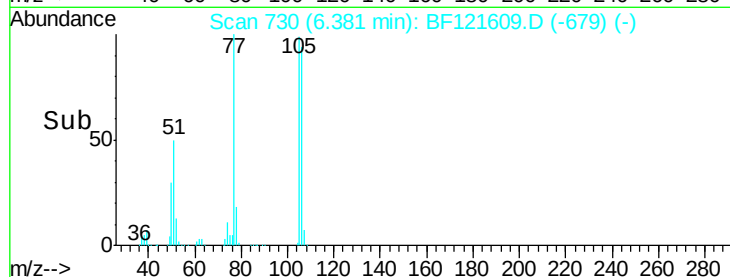
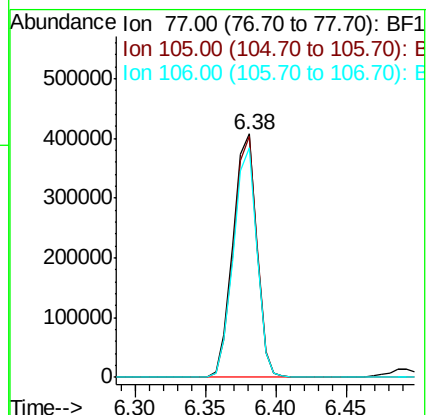
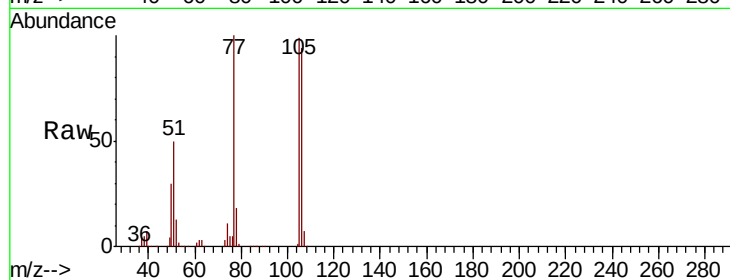
Tot Ion: 77 Resp: 478912

Ion Ratio Lower Upper

77 100

105 98.8 76.4 116.4

106 94.2 73.5 113.5



#10

Phenol

Concen: 39.047 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

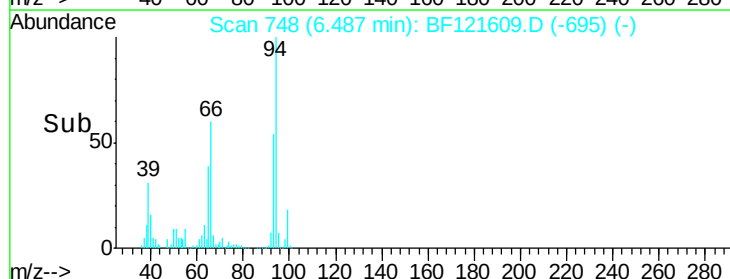
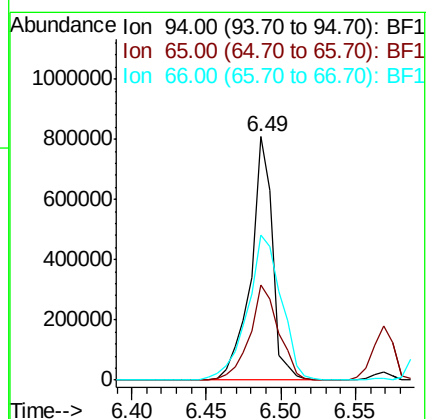
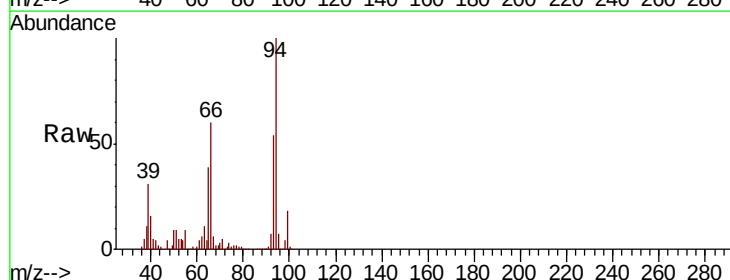
Tgt Ion: 94 Resp: 807722

Ion Ratio Lower Upper

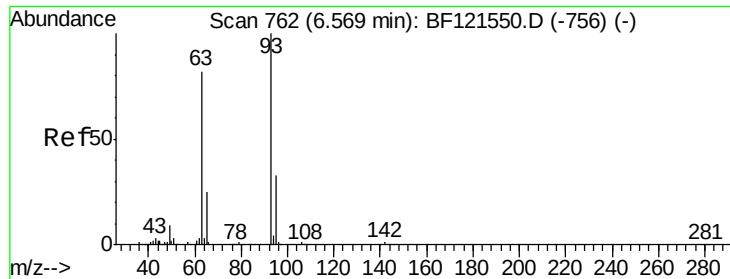
94 100

65 39.1 9.4 49.4

66 59.8 18.3 58.3#



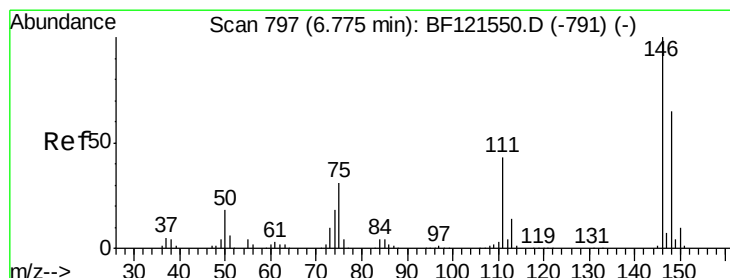
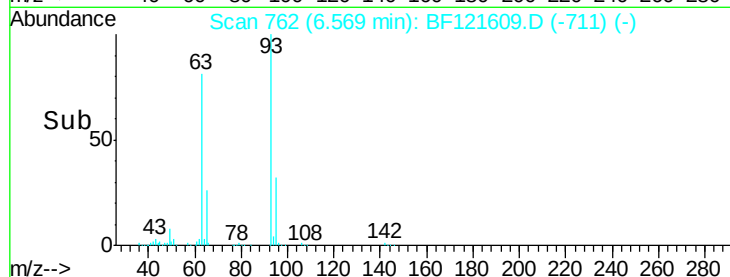
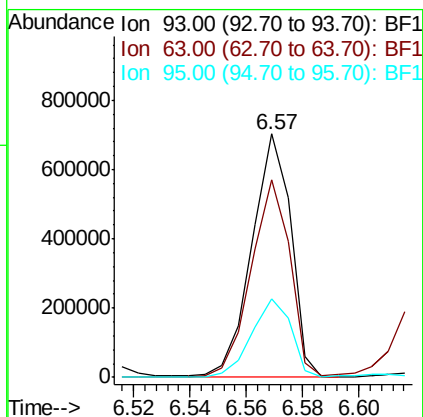
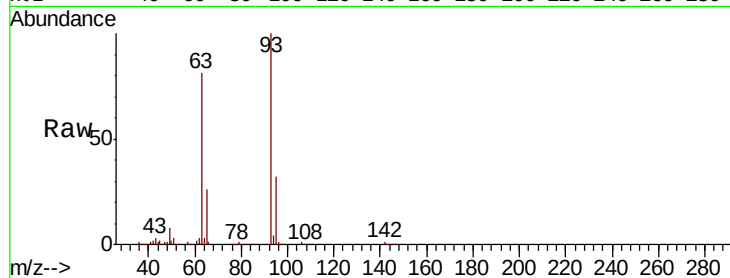




#11  
bis(2-Chloroethyl)ether  
Concen: 43.260 ng  
RT: 6.57 min Scan# 762  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

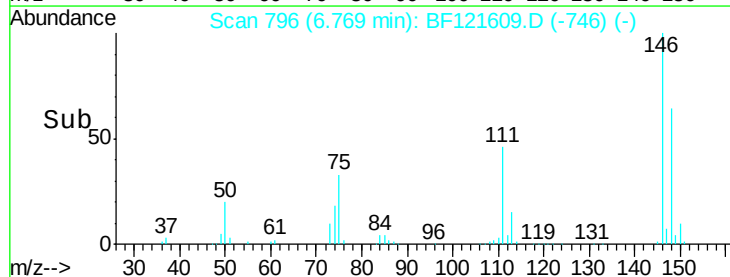
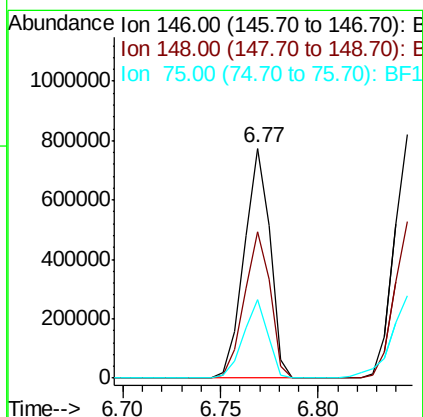
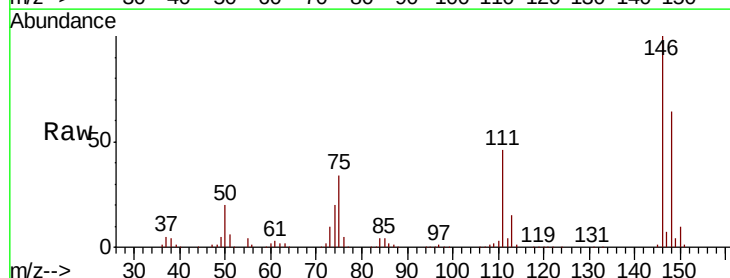
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

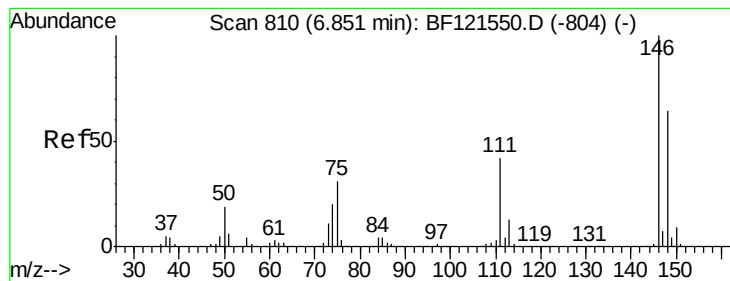
Tot Ion: 93 Resp: 674468  
Ion Ratio Lower Upper  
93 100  
63 81.1 61.7 101.7  
95 32.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 42.148 ng  
RT: 6.77 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion: 146 Resp: 709218  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.8 77.8  
75 33.9 24.6 36.8





#13

1,4-Dichlorobenzene

Concen: 41.949 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

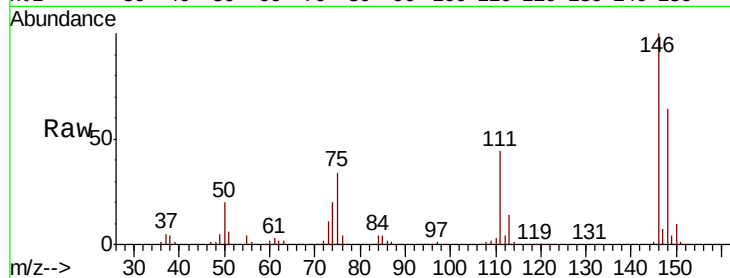
Tot Ion:146 Resp: 708767

Ion Ratio Lower Upper

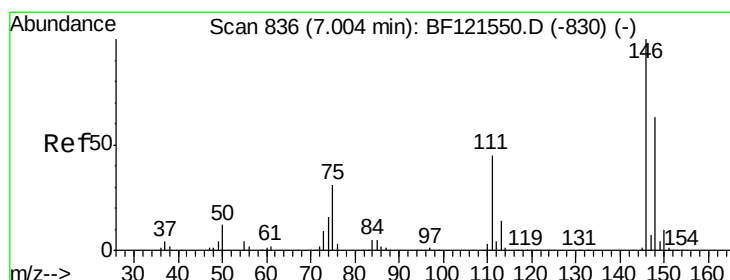
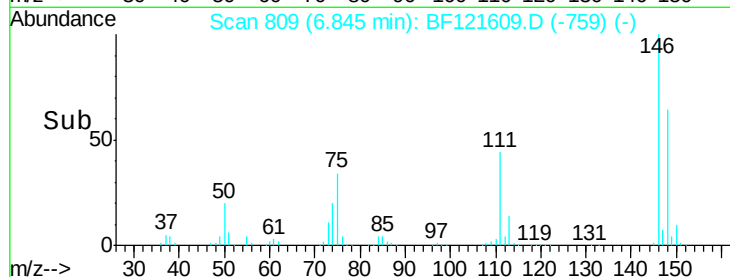
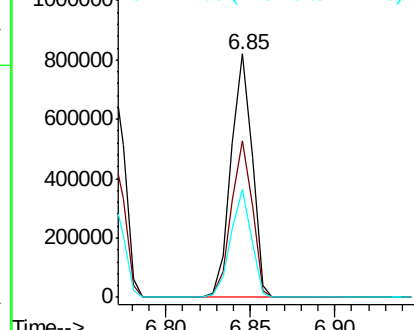
146 100

148 64.3 51.2 76.8

111 44.2 33.4 50.0



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



#14

1,2-Dichlorobenzene

Concen: 40.497 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

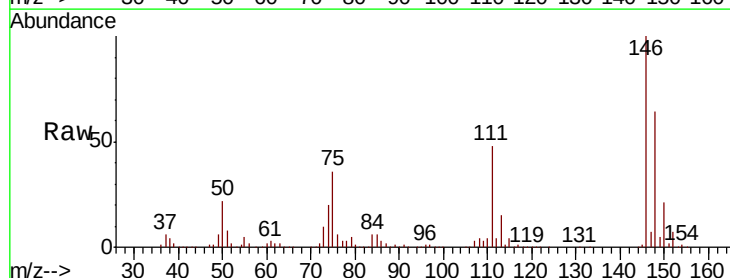
Tgt Ion:146 Resp: 630323

Ion Ratio Lower Upper

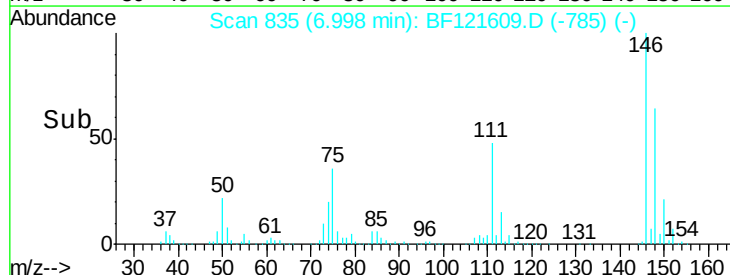
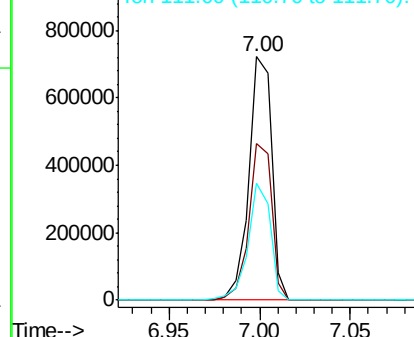
146 100

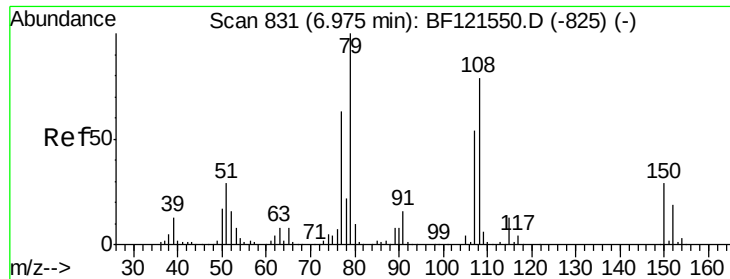
148 64.3 50.7 76.1

111 47.9 35.8 53.6



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

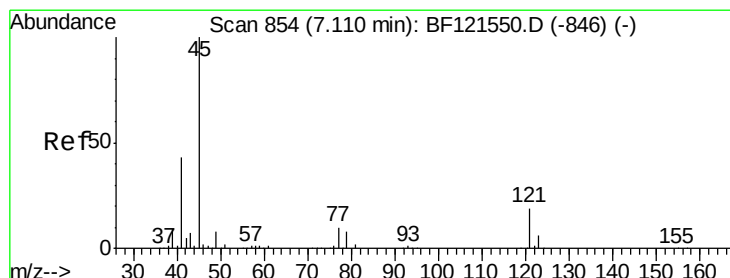
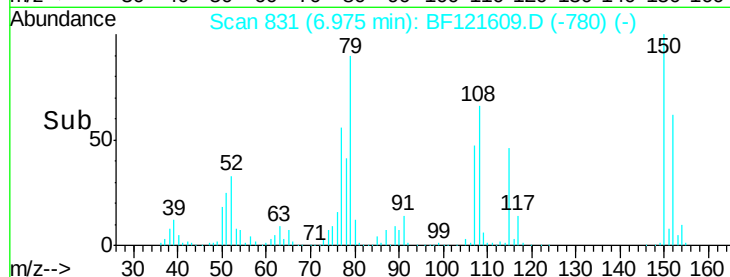
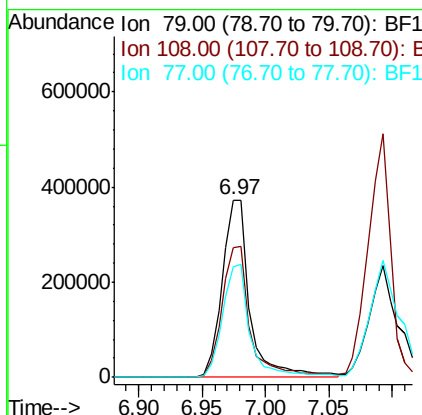
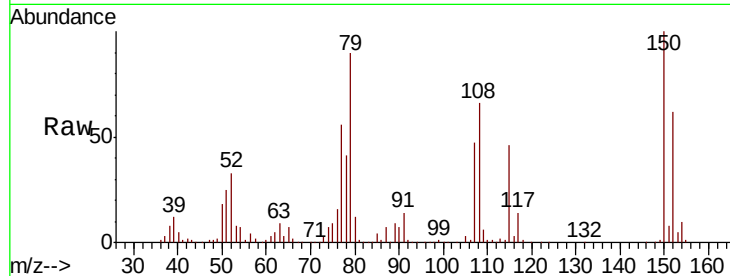




#15  
Benzyl Alcohol  
Concen: 42.714 ng  
RT: 6.97 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

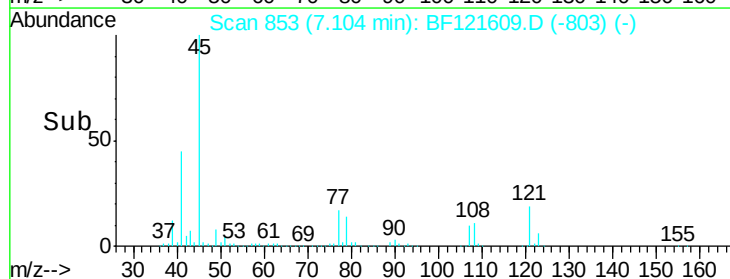
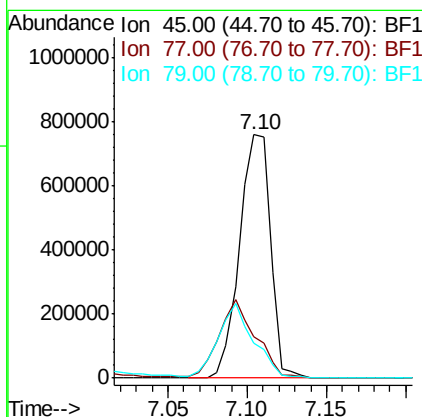
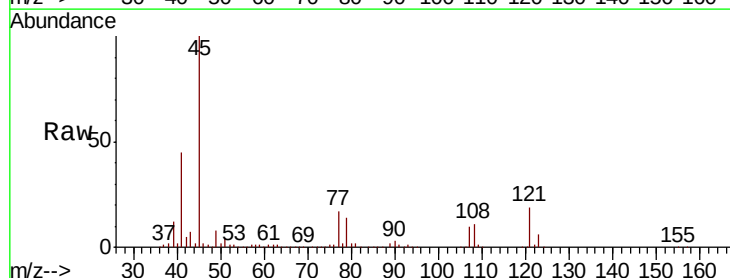
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

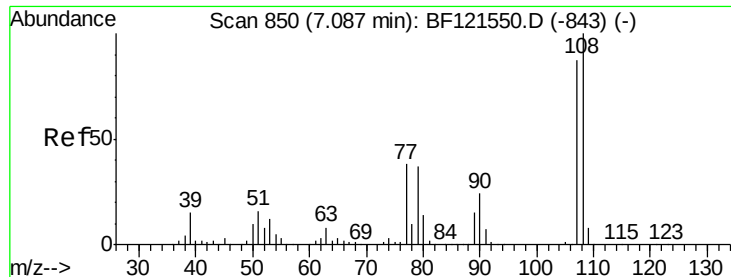
Tot Ion: 79 Resp: 563980  
Ion Ratio Lower Upper  
79 100  
108 73.3 63.1 94.7  
77 62.3 50.2 75.2



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 41.128 ng  
RT: 7.10 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion: 45 Resp: 1031860  
Ion Ratio Lower Upper  
45 100  
77 17.3 0.0 32.5  
79 14.3 0.0 29.8

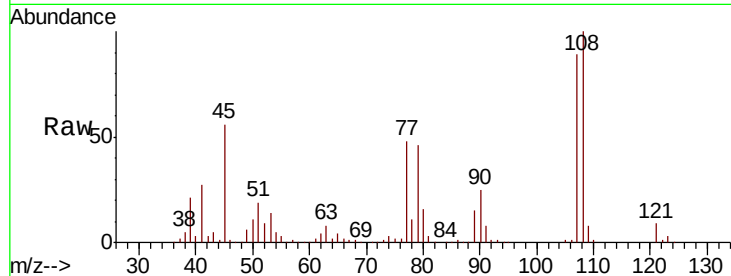




#17  
2-Methylphenol  
Concen: 43.441 ng  
RT: 7.09 min Scan# 851  
Delta R.T. 0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.3 | 92.1  | 138.1 |
| 77      | 53.9  | 35.5  | 53.3  |
| 79      | 51.5  | 34.5  | 51.7  |



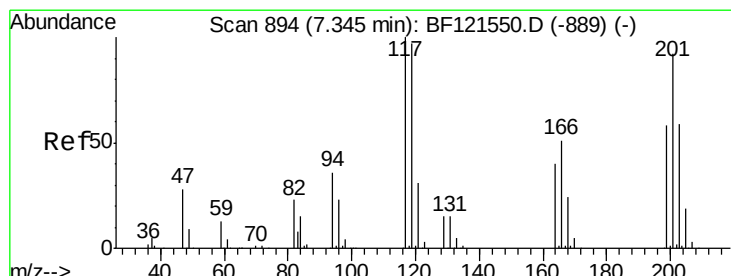
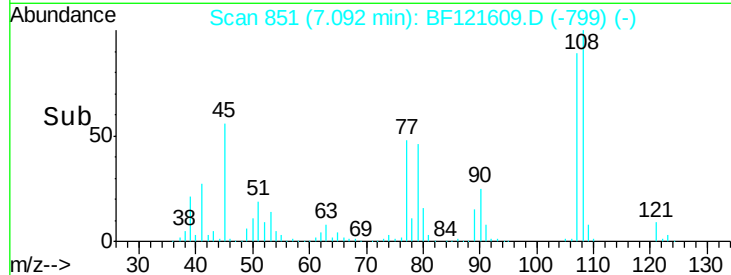
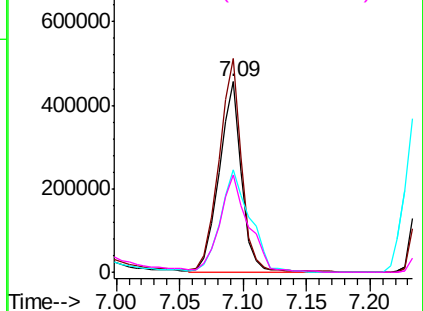
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

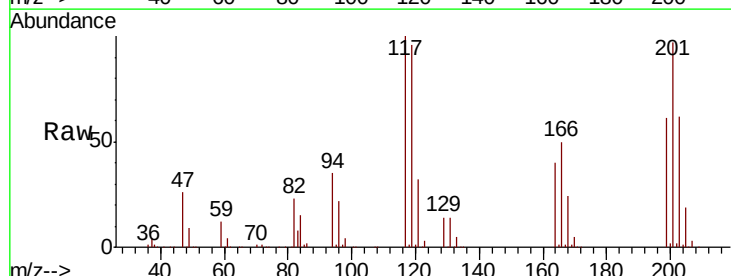
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 43.646 ng  
RT: 7.34 min Scan# 893  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 77.2  | 115.8 |
| 201     | 96.9  | 73.7  | 110.5 |

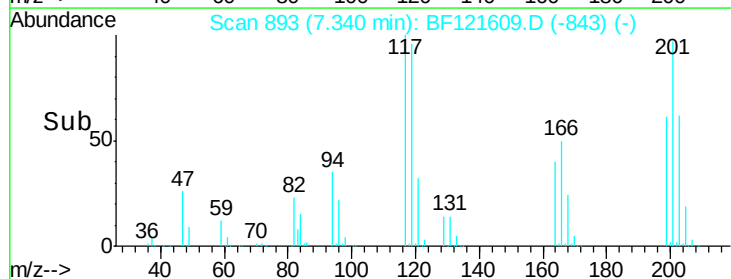
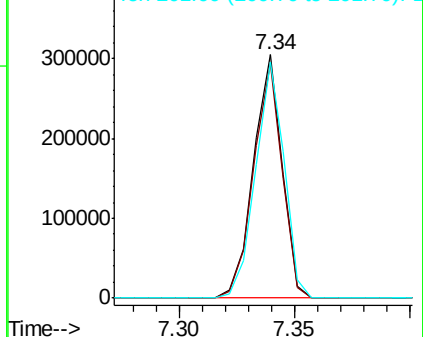


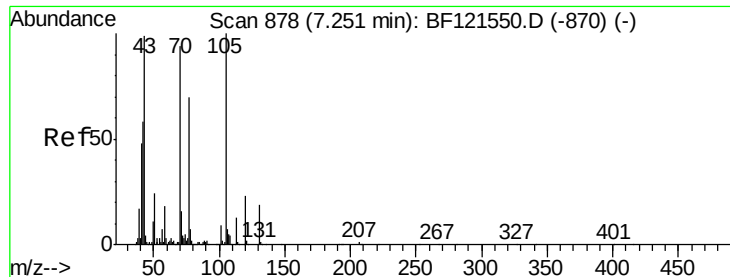
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

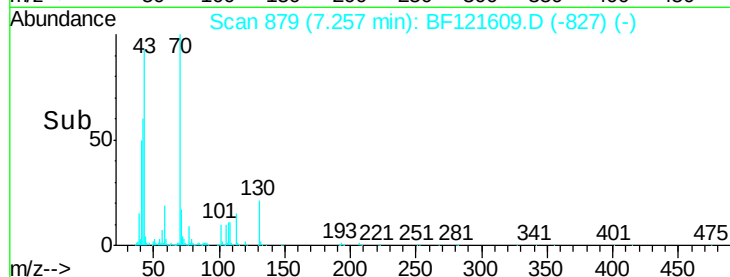
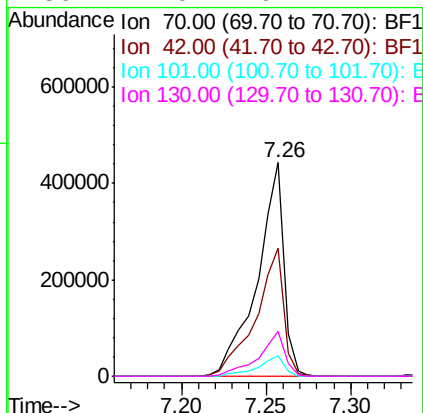
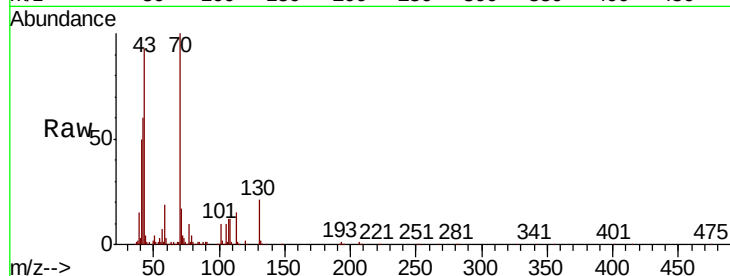




#19  
n-Nitroso-di-n-propylamine  
Concen: 43.301 ng  
RT: 7.26 min Scan# 879  
Delta R.T. 0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

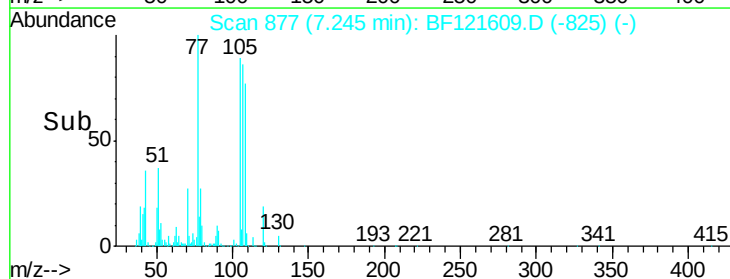
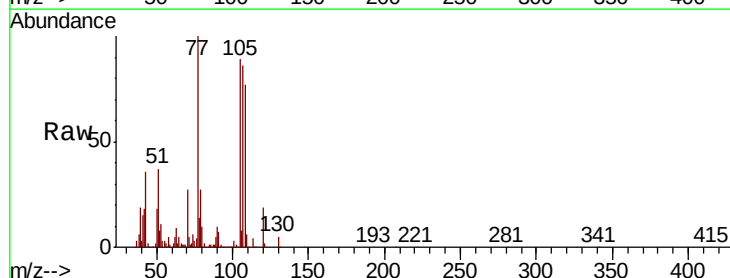
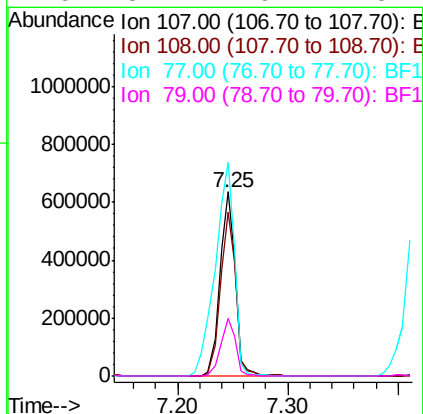
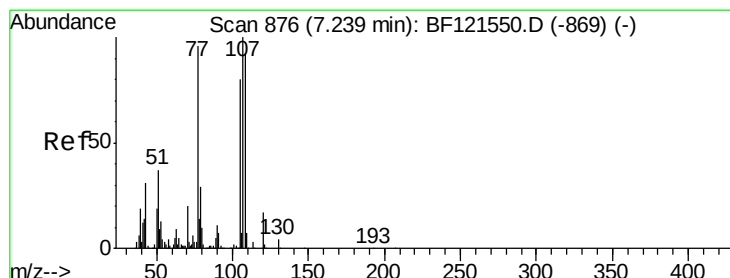
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

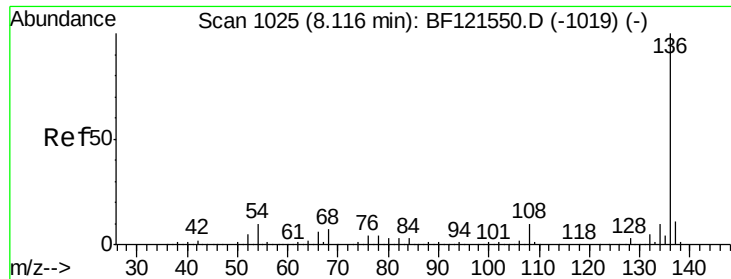
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 484781 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.0  | 49.4  | 74.2   |
| 101      | 9.6   | 7.6   | 11.4   |
| 130      | 21.0  | 16.2  | 24.4   |



#20  
3+4-Methylphenols  
Concen: 39.363 ng  
RT: 7.25 min Scan# 877  
Delta R.T. 0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 606654 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.9  | 71.8  | 111.8  |
| 77       | 116.0 | 75.5  | 115.5# |
| 79       | 31.1  | 9.2   | 49.2   |

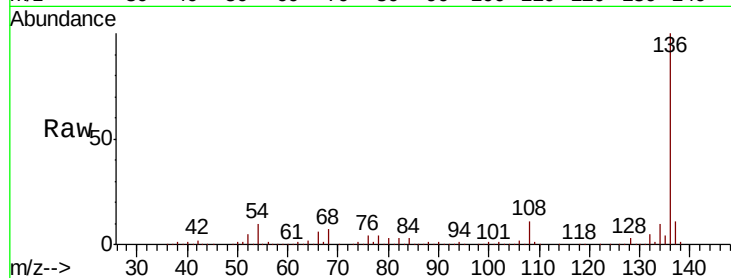




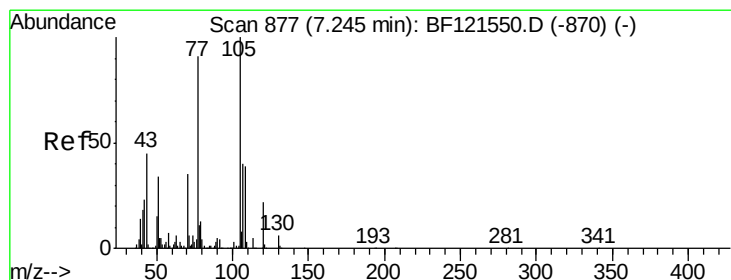
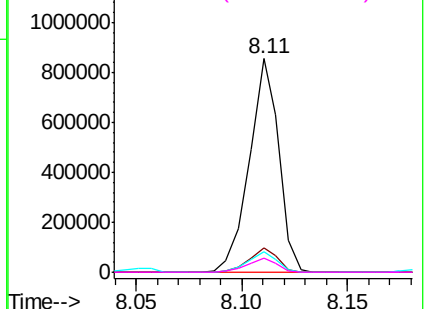
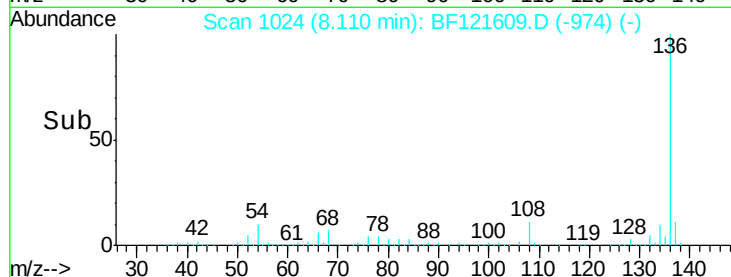
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 828095   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 9.0 13.6 |
| 54          | 9.5   | 7.6 11.4 |
| 68          | 6.8   | 5.7 8.5  |

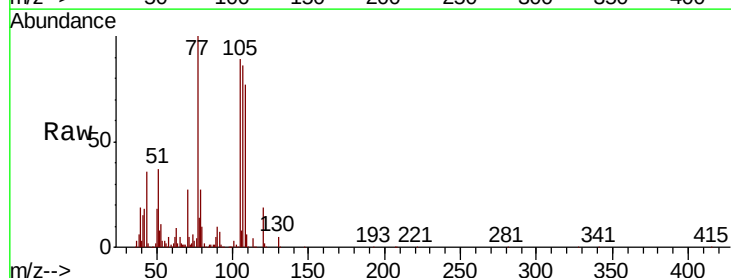


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

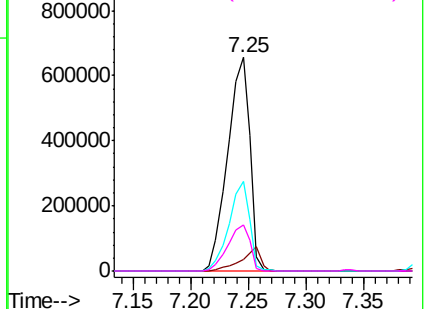
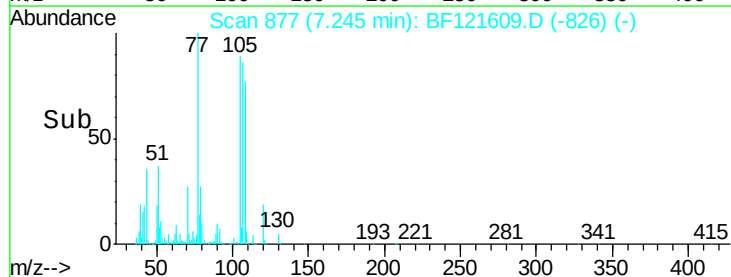


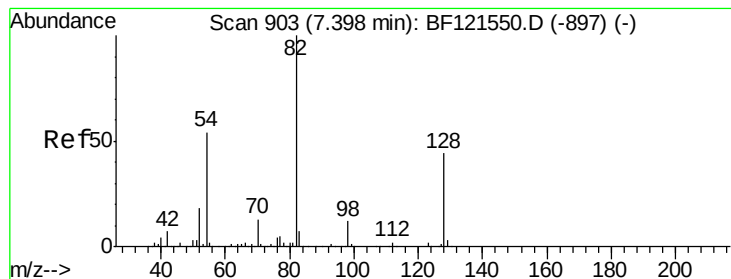
#22  
Acetophenone  
Concen: 41.445 ng  
RT: 7.25 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 870764     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 5.1   | 4.6 7.0    |
| 51          | 41.7  | 27.6 41.4# |
| 120         | 21.7  | 17.4 26.2  |



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: 90.927 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

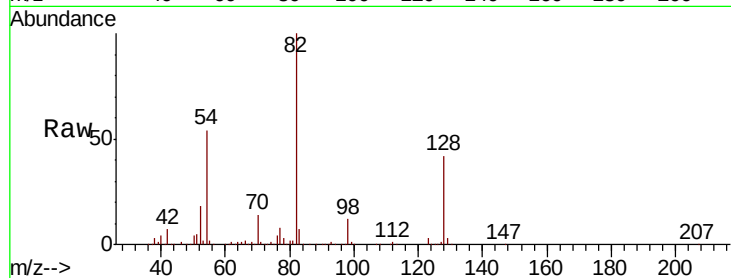
Tot Ion: 82 Resp: 1402379

Ion Ratio Lower Upper

82 100

128 42.4 35.1 52.7

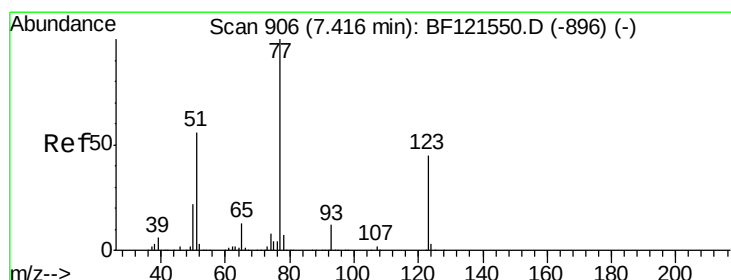
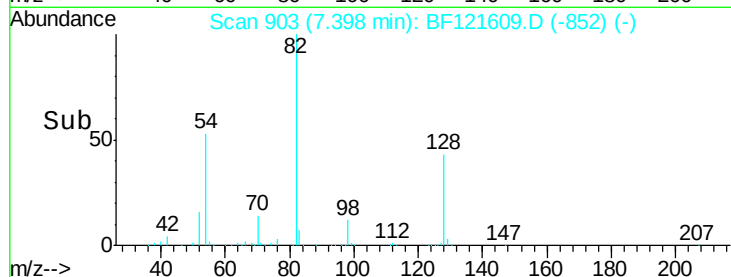
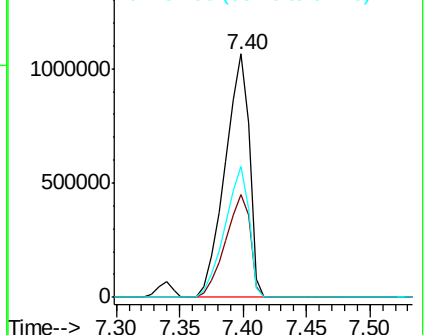
54 54.0 43.0 64.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.447 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

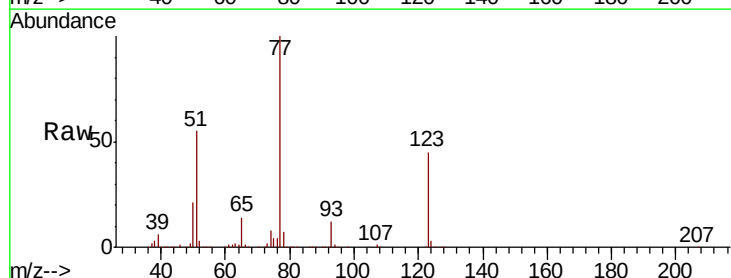
Tgt Ion: 77 Resp: 741422

Ion Ratio Lower Upper

77 100

123 44.5 35.8 53.8

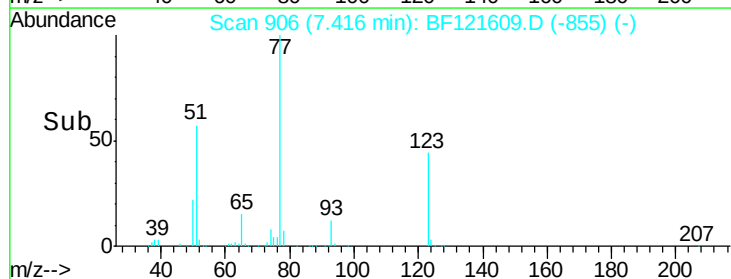
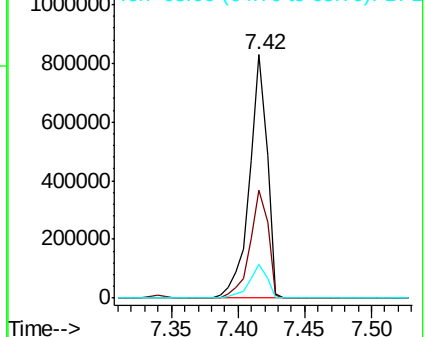
65 13.8 10.7 16.1



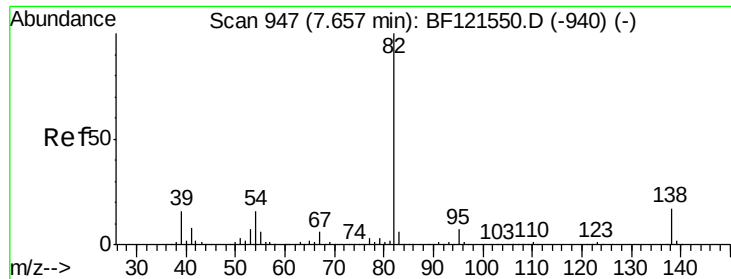
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 45.333 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

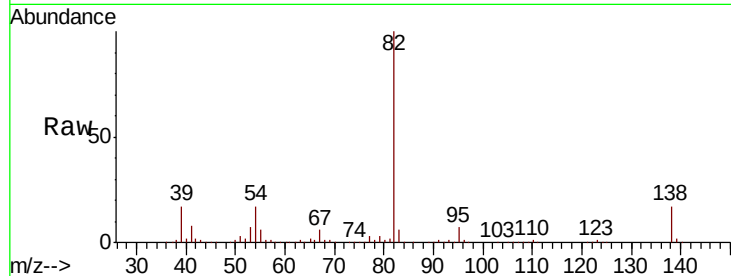
Tot Ion: 82 Resp: 1407435

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

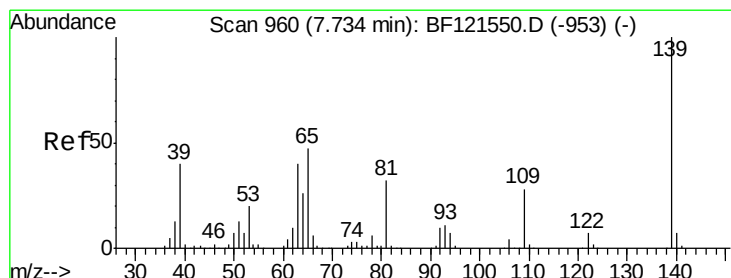
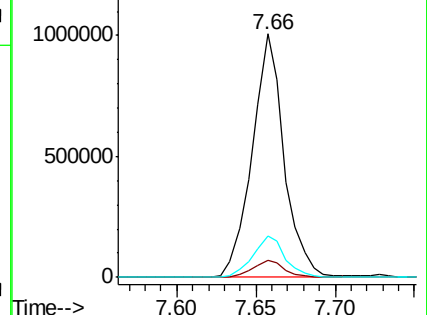
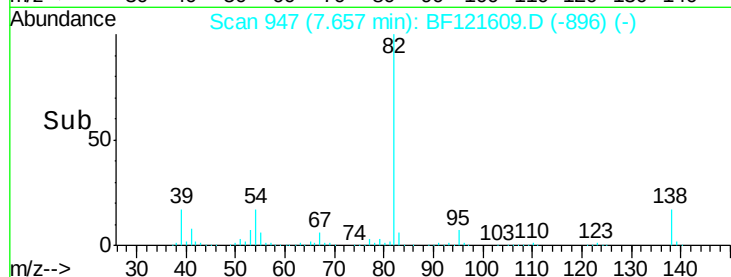
138 16.8 13.7 20.5



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: 46.226 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

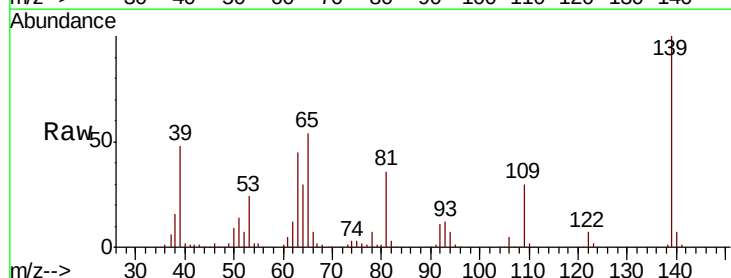
Tgt Ion: 139 Resp: 362225

Ion Ratio Lower Upper

139 100

109 30.3 22.4 33.6

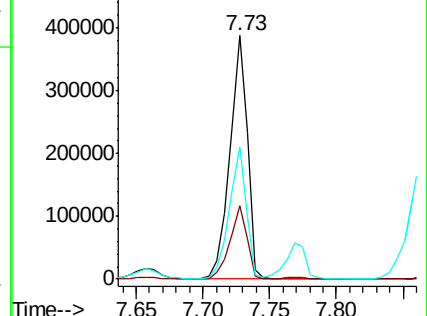
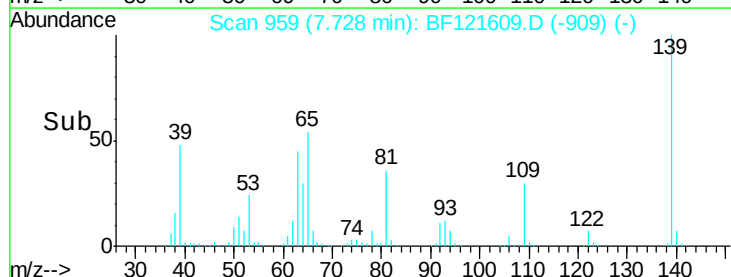
65 54.3 37.6 56.4

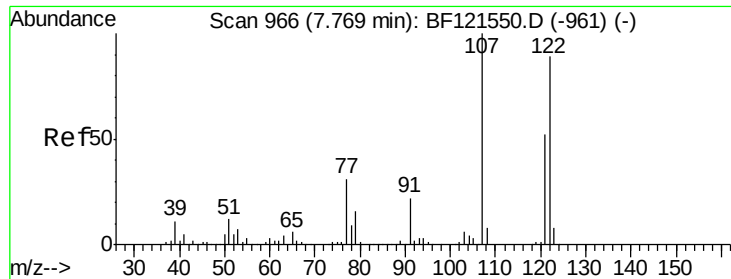


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

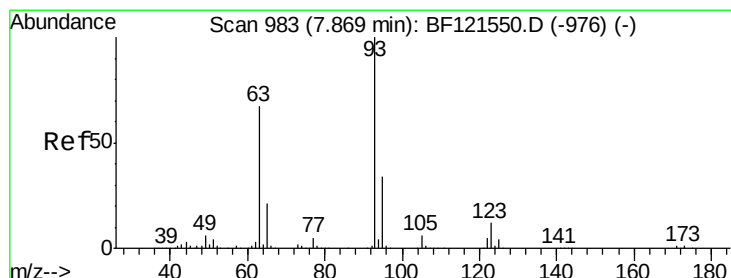
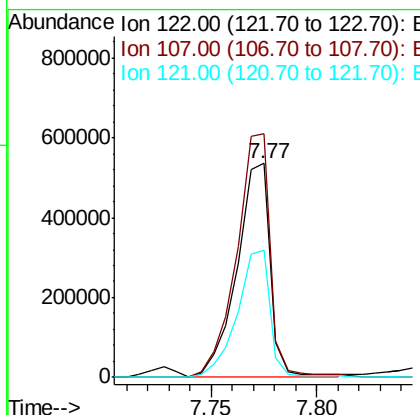
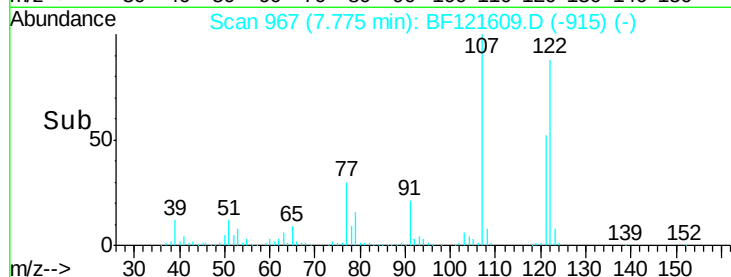
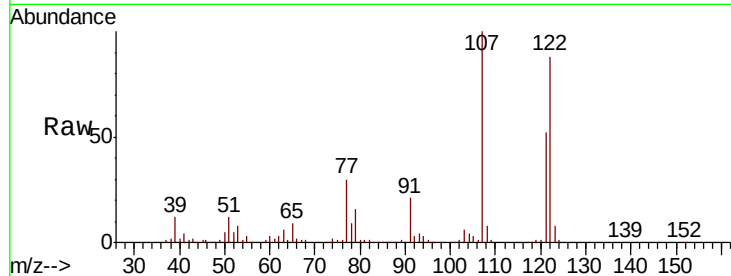




#27  
 2,4-Dimethylphenol  
 Concen: 42.340 ng  
 RT: 7.77 min Scan# 967  
 Delta R.T. 0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

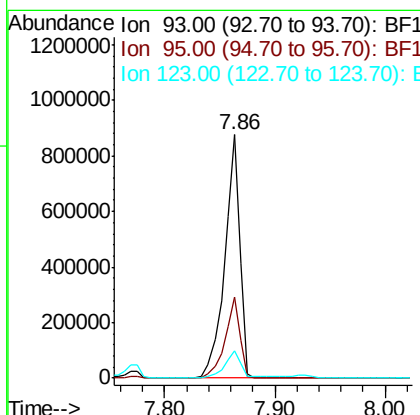
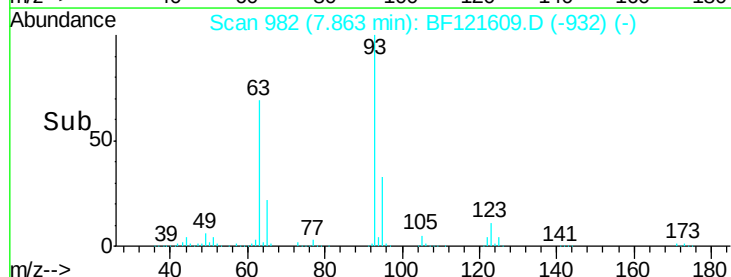
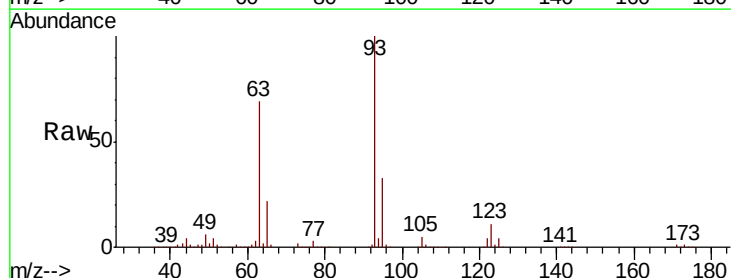
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

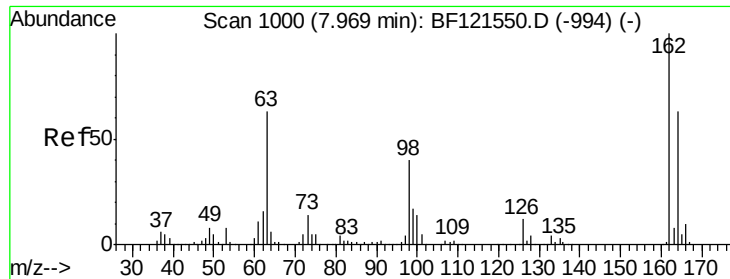
Tot Ion:122 Resp: 586785  
 Ion Ratio Lower Upper  
 122 100  
 107 113.9 89.5 134.3  
 121 59.3 46.6 70.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.567 ng  
 RT: 7.86 min Scan# 982  
 Delta R.T. -0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Tgt Ion: 93 Resp: 837379  
 Ion Ratio Lower Upper  
 93 100  
 95 33.4 26.8 40.2  
 123 11.1 9.7 14.5

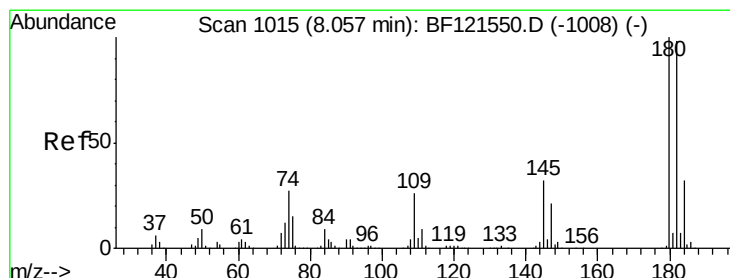
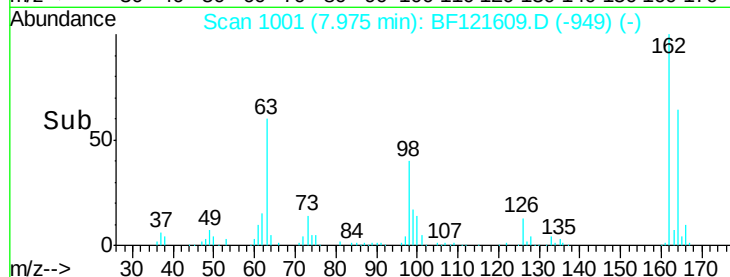
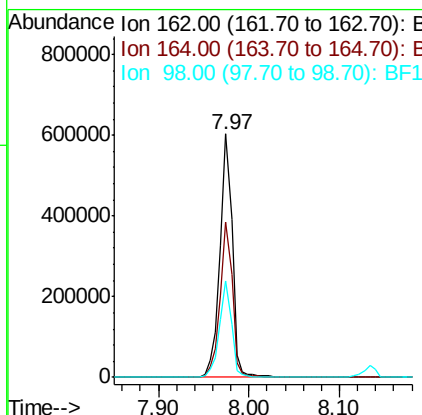
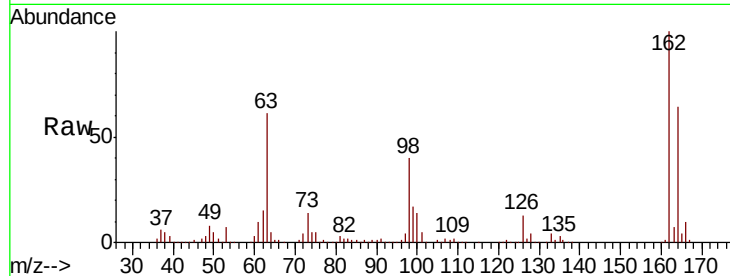




#29  
 2,4-Dichlorophenol  
 Concen: 44.377 ng  
 RT: 7.97 min Scan# 1001  
 Delta R.T. 0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

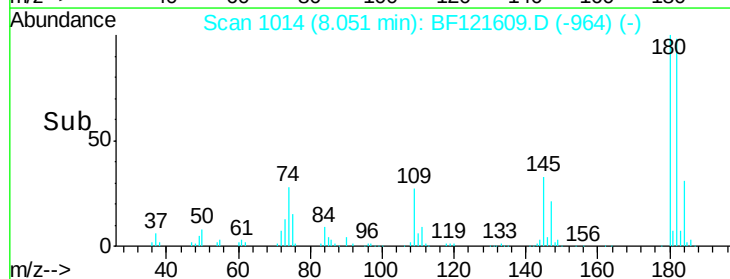
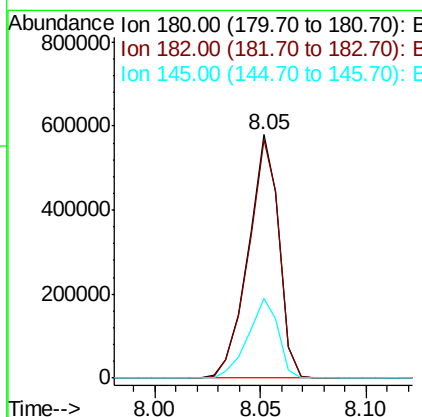
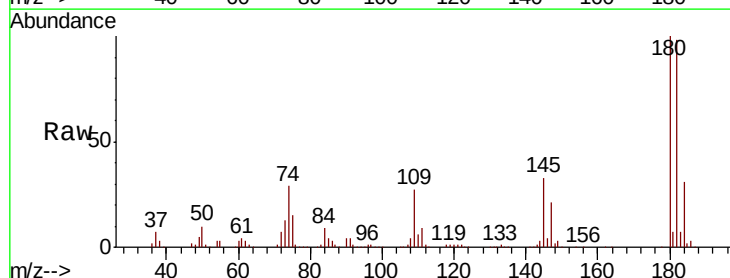
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

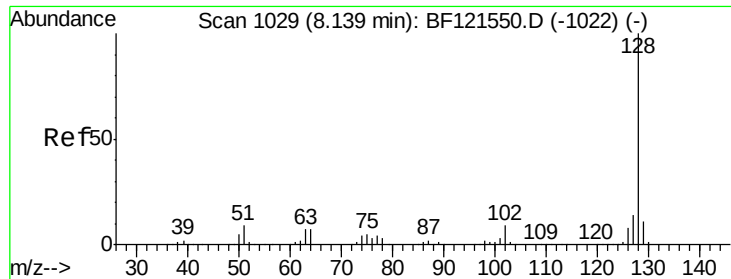
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.9  | 43.5  | 83.5  |
| 98      | 39.7  | 20.2  | 60.2  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.804 ng  
 RT: 8.05 min Scan# 1014  
 Delta R.T. -0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.8  | 78.7  | 118.1 |
| 145     | 33.0  | 26.0  | 39.0  |

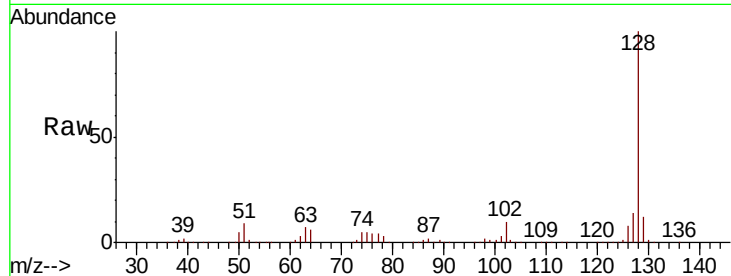




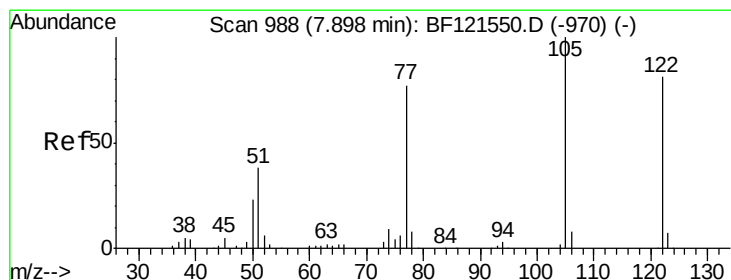
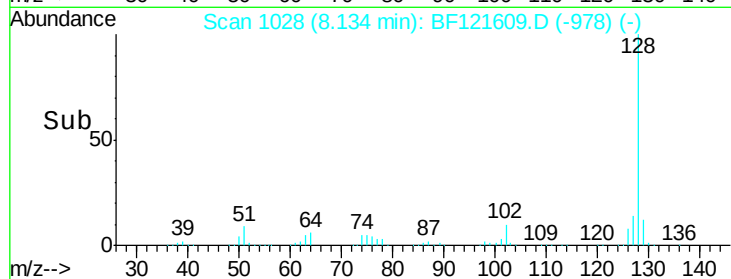
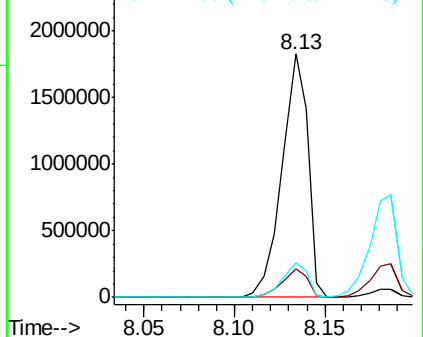
#31  
Naphthalene  
Concen: 41.734 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 1824366  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.1 13.7  
127 14.3 11.0 16.6

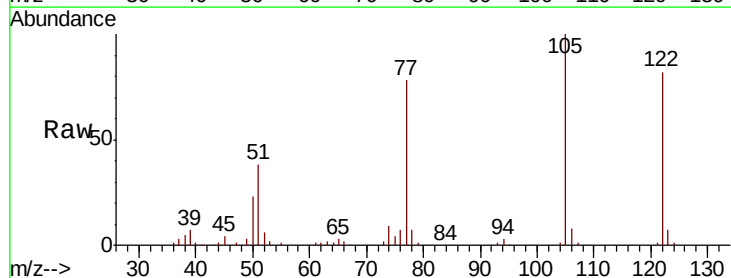


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

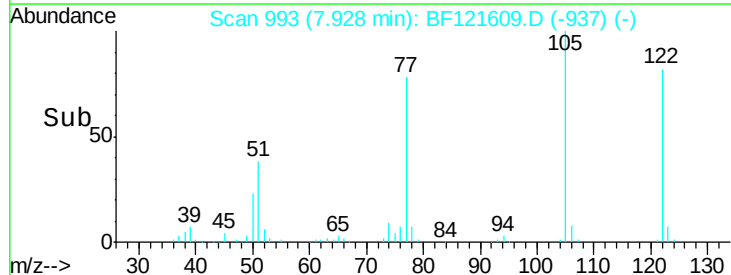
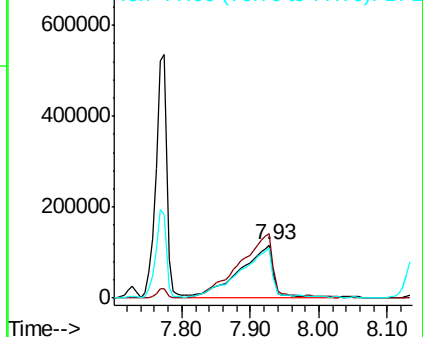


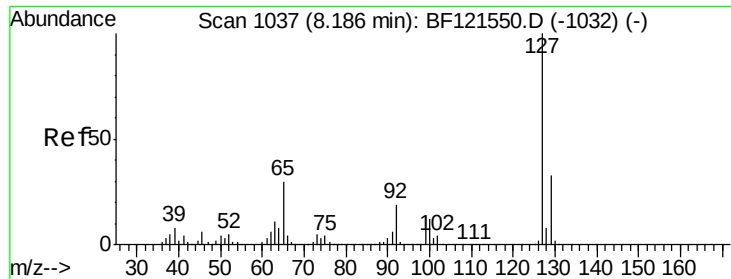
#32  
Benzoic acid  
Concen: 39.325 ng  
RT: 7.93 min Scan# 993  
Delta R.T. 0.03 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion:122 Resp: 391471  
Ion Ratio Lower Upper  
122 100  
105 121.4 100.5 140.5  
77 94.4 72.6 112.6



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

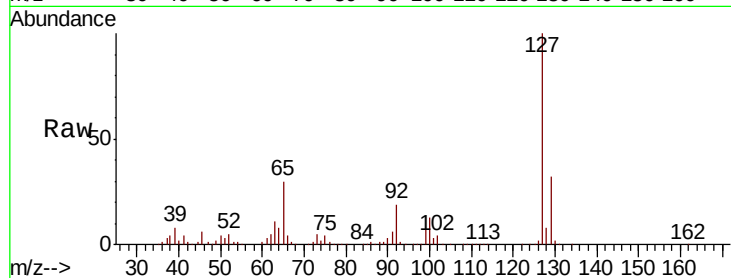




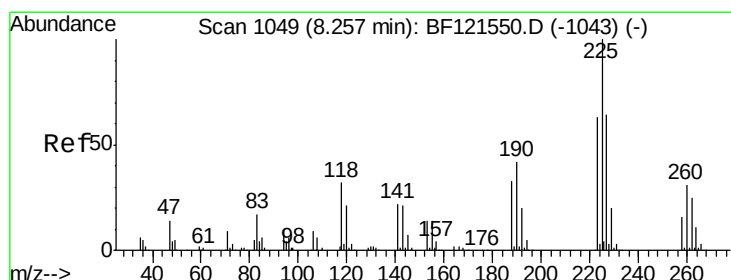
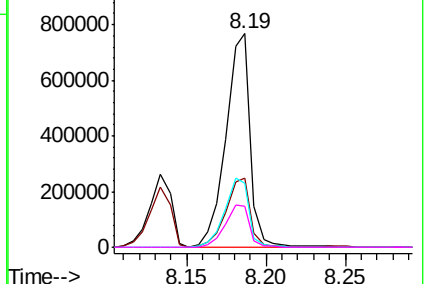
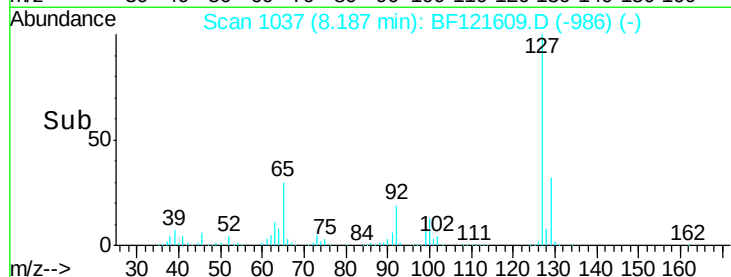
#33  
4-Chloroaniline  
Concen: 42.828 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 811533 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.4  | 39.6   |
| 65       | 29.9  | 24.4  | 36.6   |
| 92       | 19.4  | 15.4  | 23.2   |

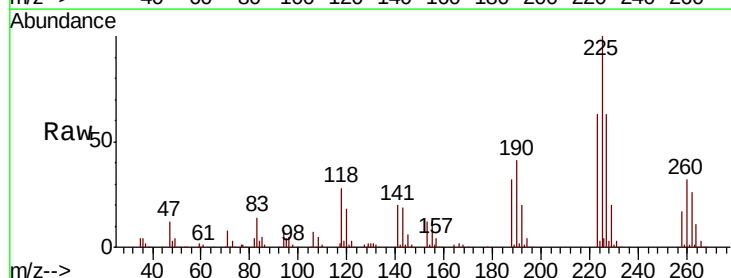


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

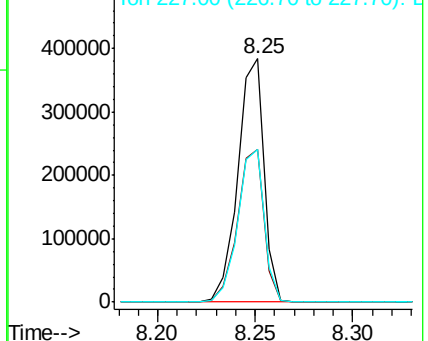
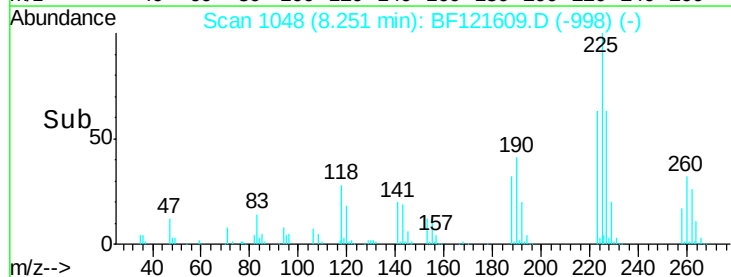


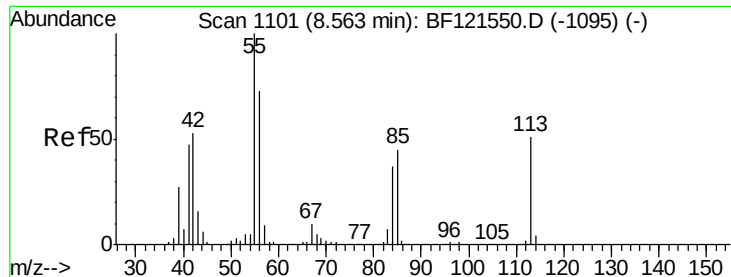
#34  
Hexachlorobutadiene  
Concen: 45.790 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 357304 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 50.2  | 75.2   |
| 227      | 62.7  | 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

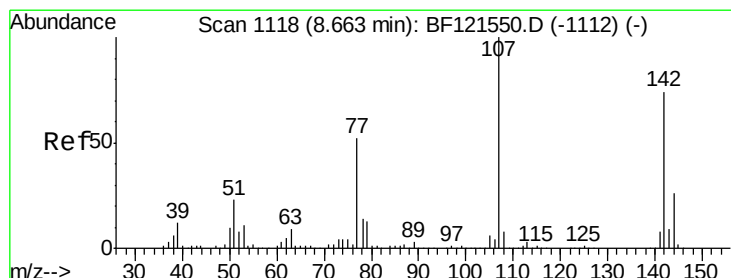
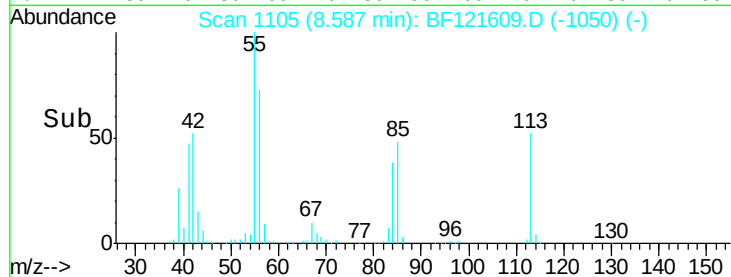
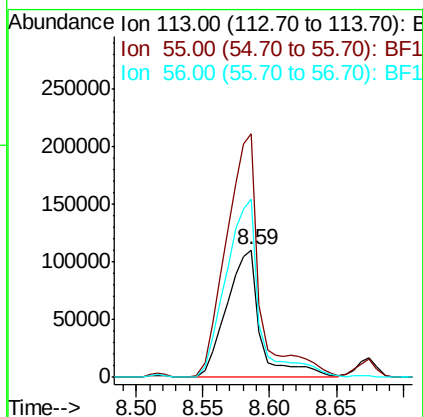
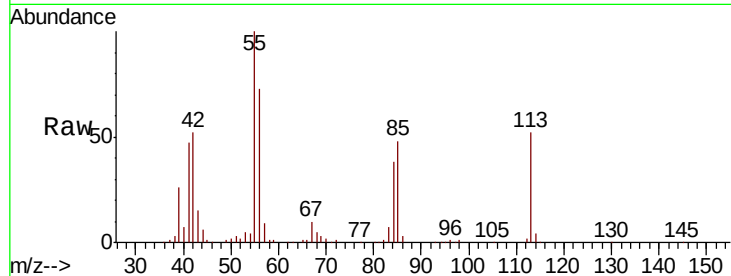




#35  
 Caprolactam  
 Concen: 46.737 ng  
 RT: 8.59 min Scan# 1105  
 Delta R.T. 0.02 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

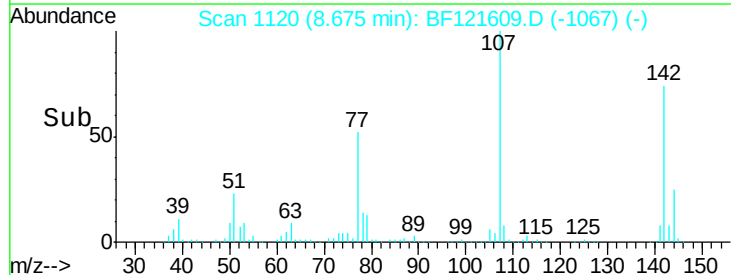
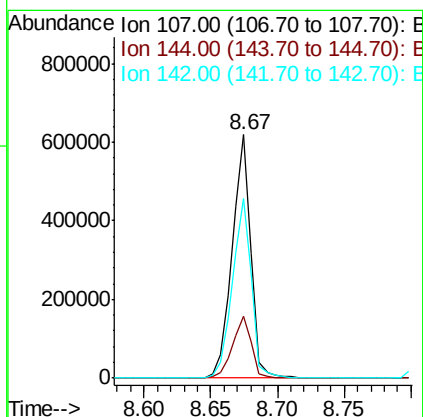
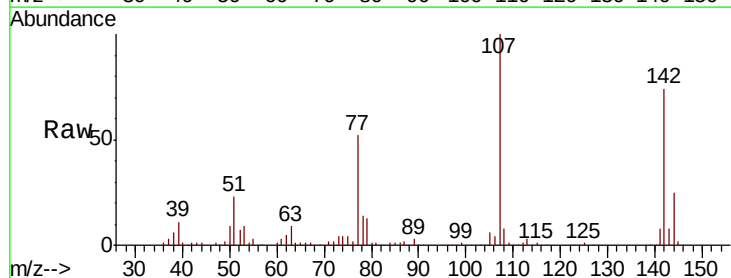
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

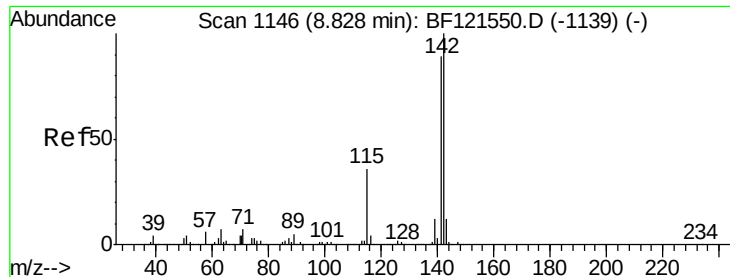
Tot Ion:113 Resp: 196459  
 Ion Ratio Lower Upper  
 113 100  
 55 190.7 176.2 216.2  
 56 139.2 123.9 163.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.006 ng  
 RT: 8.67 min Scan# 1120  
 Delta R.T. 0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Tgt Ion:107 Resp: 611975  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 20.5 30.7  
 142 74.0 59.5 89.3

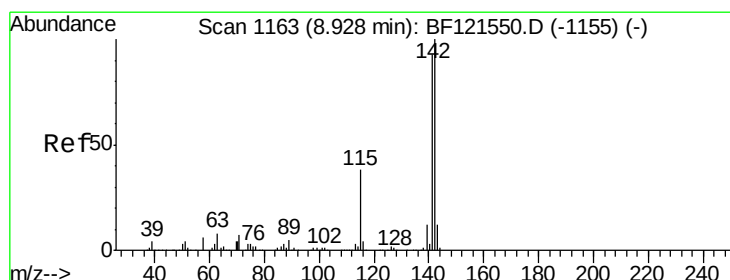
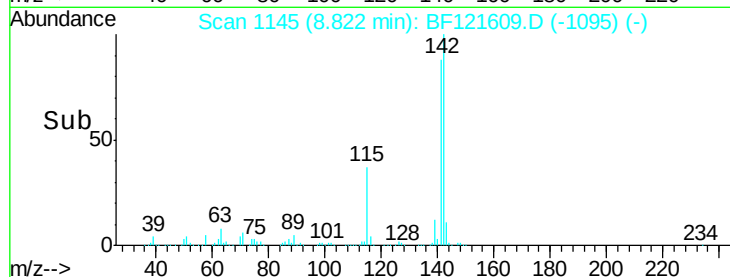
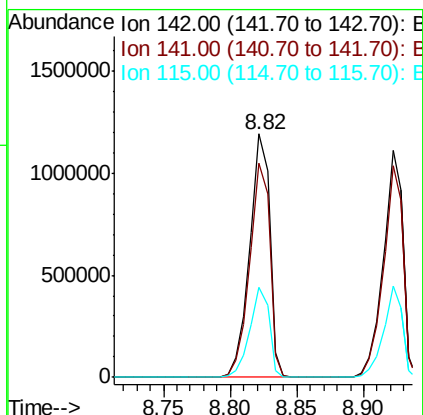
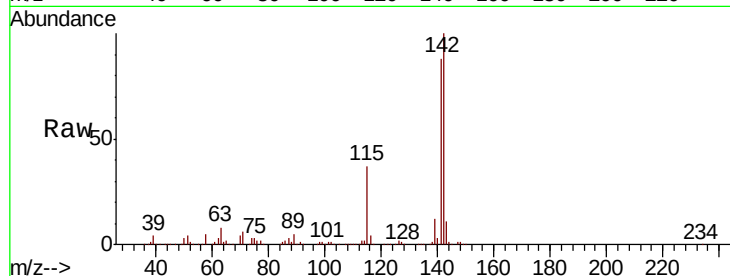




#37  
2-Methylnaphthalene  
Concen: 42.716 ng  
RT: 8.82 min Scan# 1145  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

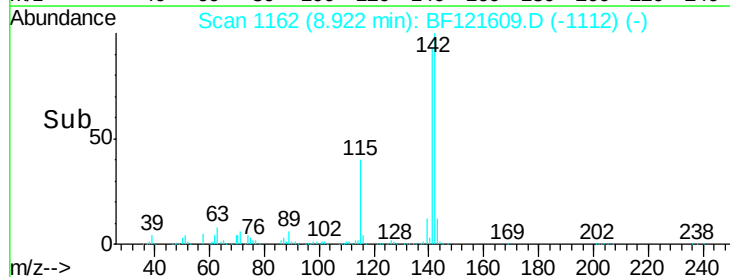
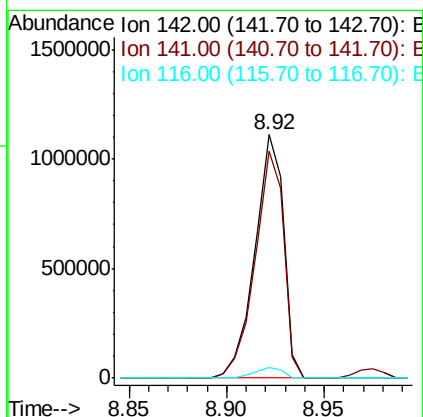
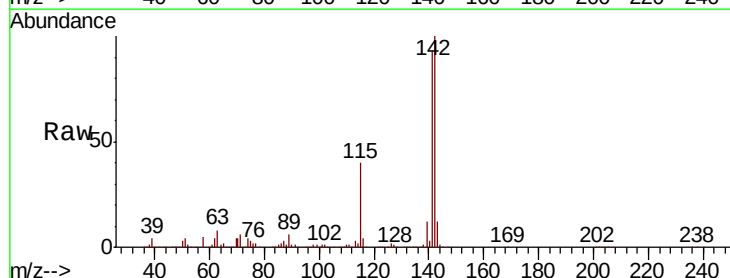
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

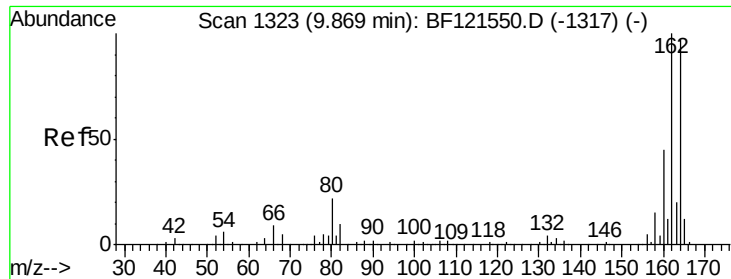
Tot Ion:142 Resp: 1223688  
Ion Ratio Lower Upper  
142 100  
141 88.0 71.5 107.3  
115 37.2 28.7 43.1



#38  
1-Methylnaphthalene  
Concen: 42.374 ng  
RT: 8.92 min Scan# 1162  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion:142 Resp: 1129745  
Ion Ratio Lower Upper  
142 100  
141 93.3 74.8 112.2  
116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

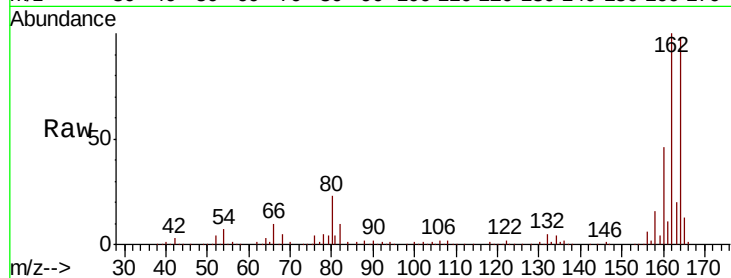
Tot Ion:164 Resp: 440225

Ion Ratio Lower Upper

164 100

162 102.5 82.3 123.5

160 46.8 37.0 55.4

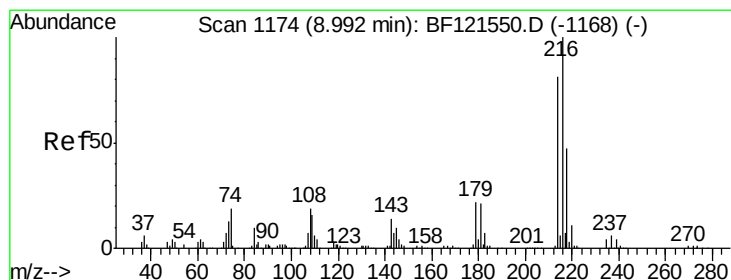
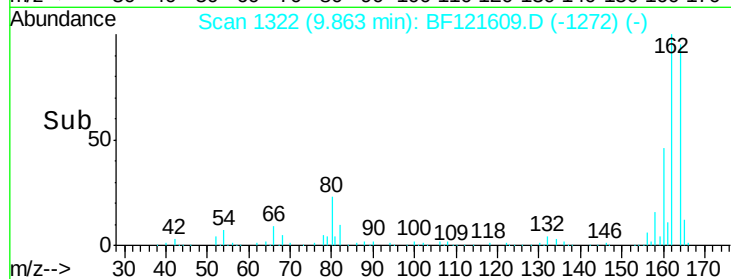
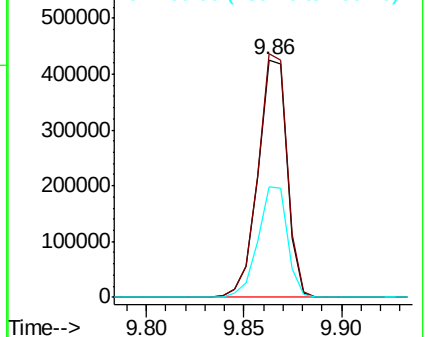


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.814 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:216 Resp: 588740

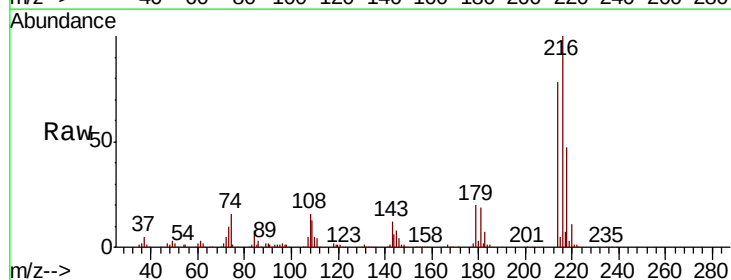
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 21.1 16.6 25.0

108 19.4 15.8 23.6



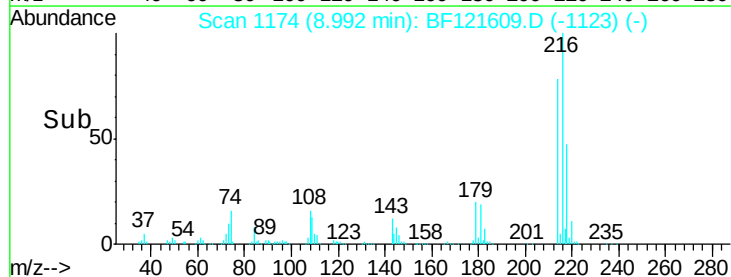
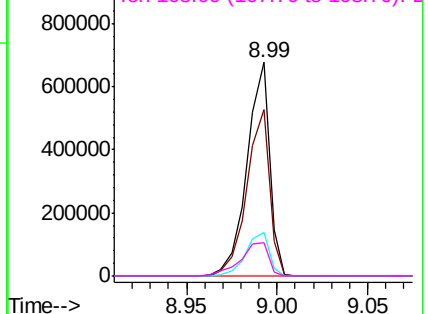
Abundance

Ion 216.00 (215.70 to 216.70): E

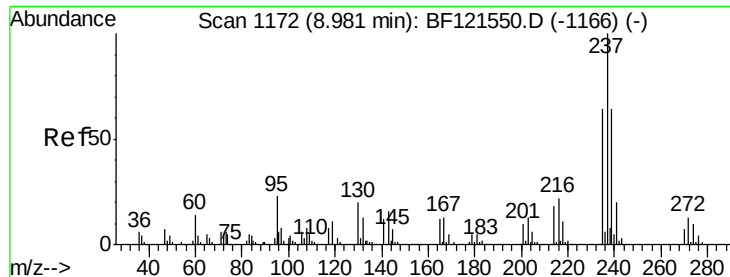
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 44.599 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

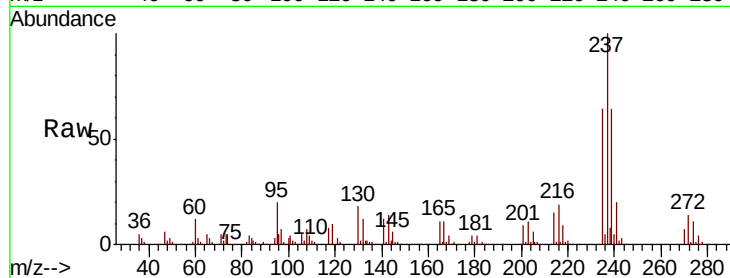
Tot Ion:237 Resp: 350234

Ion Ratio Lower Upper

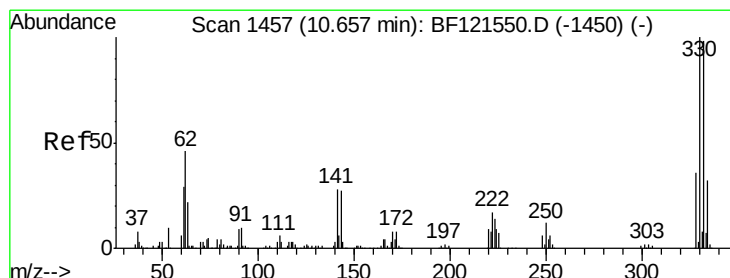
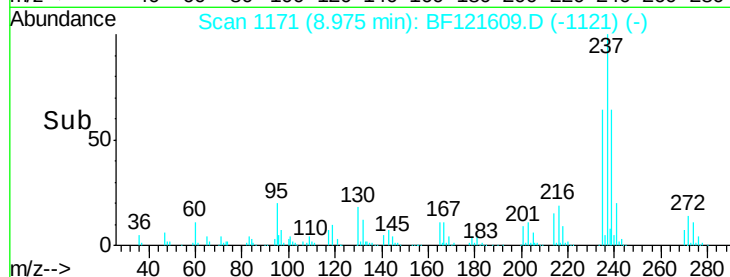
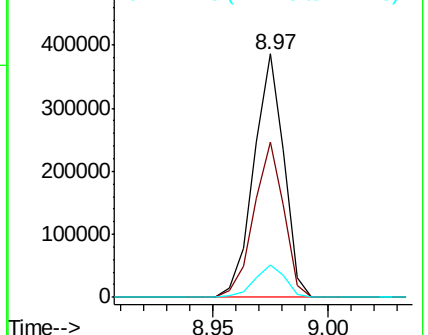
237 100

235 63.6 44.0 84.0

272 13.5 0.0 33.4



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: 98.242 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

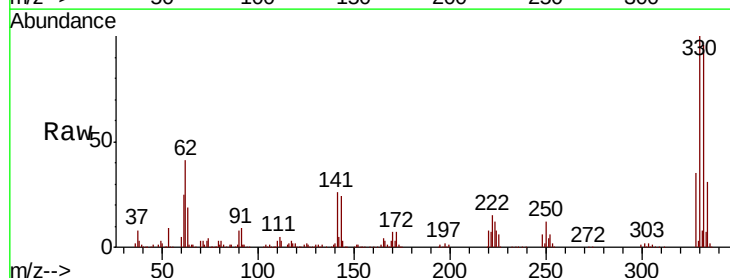
Tgt Ion:330 Resp: 537524

Ion Ratio Lower Upper

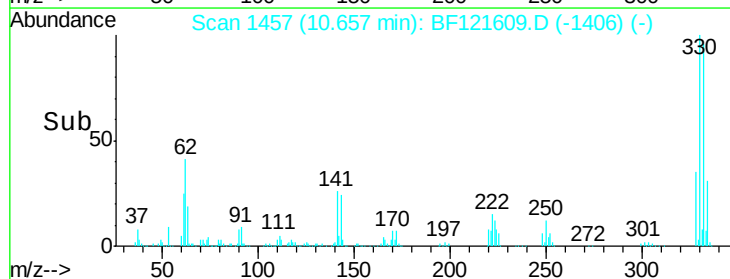
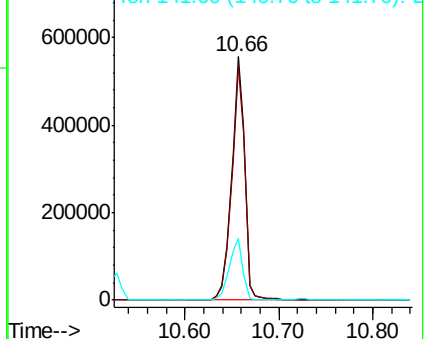
330 100

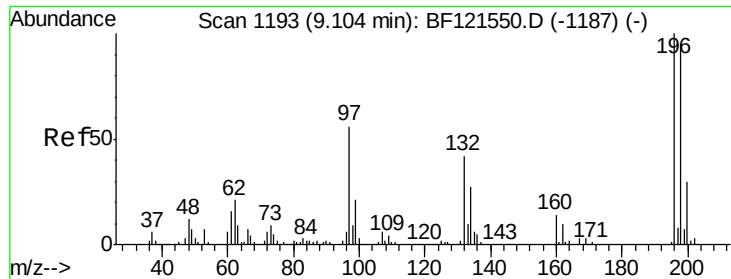
332 96.3 77.1 115.7

141 26.4 23.6 35.4



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

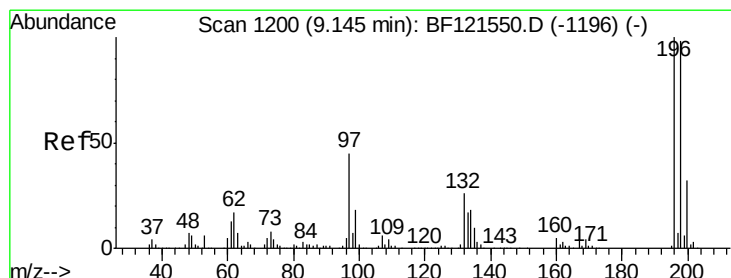
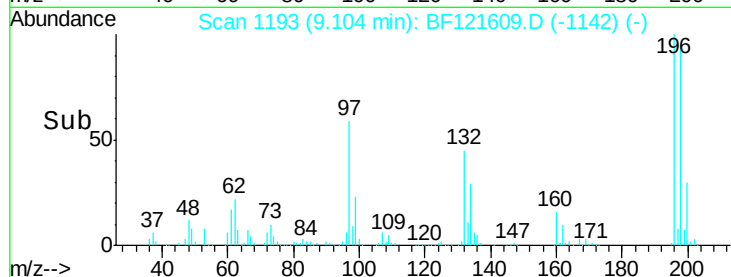
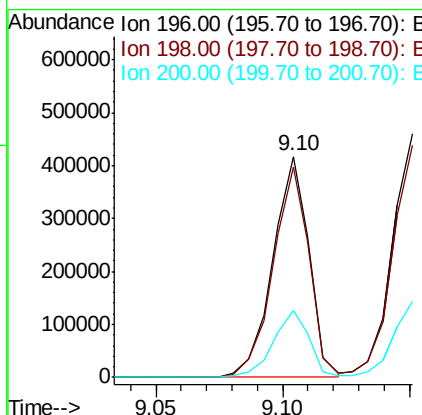
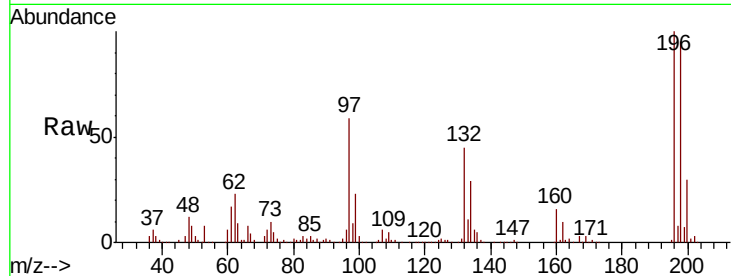




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.215 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

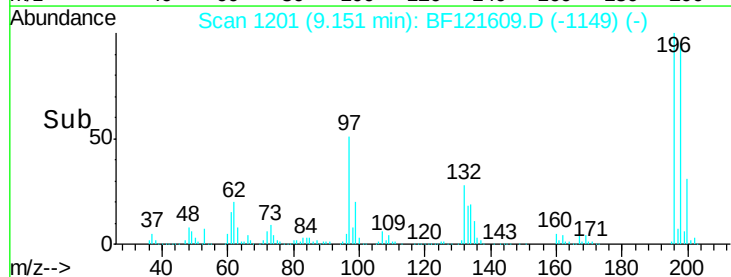
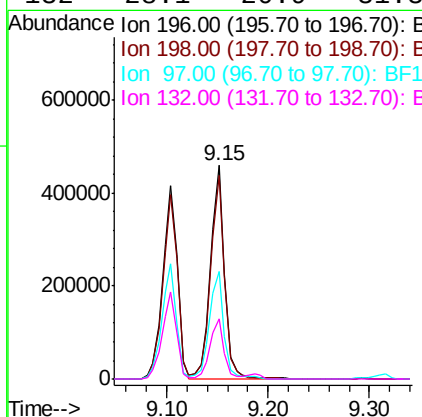
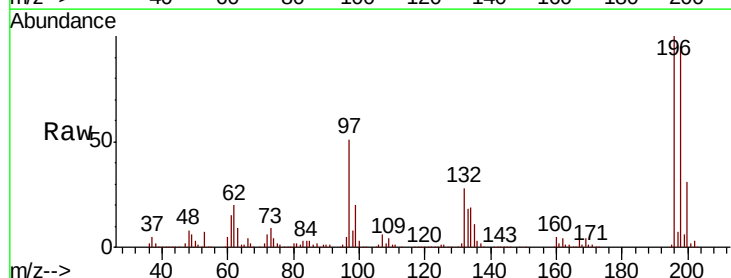
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

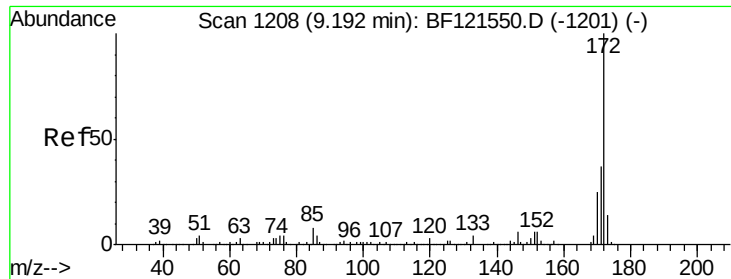
Tot Ion:196 Resp: 414426  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 75.6 113.4  
 200 30.1 24.0 36.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.425 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. 0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Tgt Ion:196 Resp: 440199  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 78.1 117.1  
 97 50.6 36.8 55.2  
 132 28.1 20.9 31.3

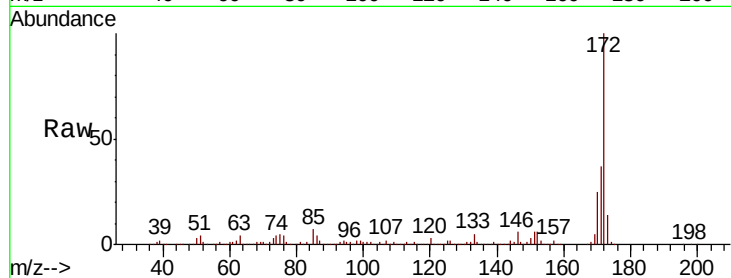




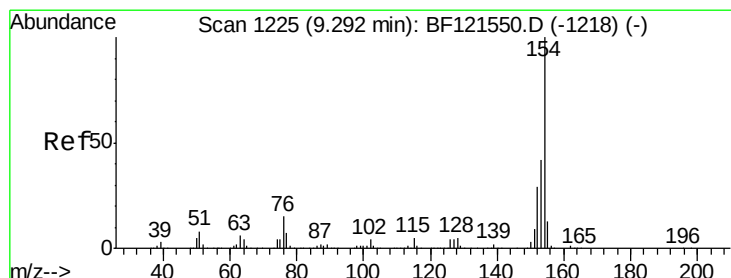
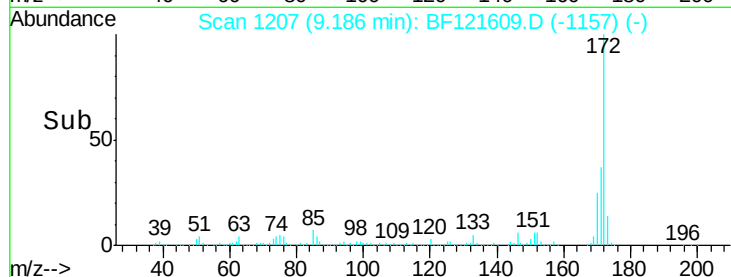
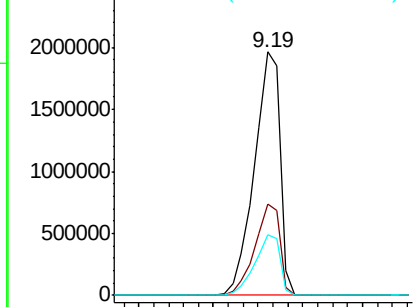
#45  
2-Fluorobiphenyl  
Concen: 79.560 ng  
RT: 9.19 min Scan# 1207  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:172 Resp: 2312538  
Ion Ratio Lower Upper  
172 100  
171 37.3 29.8 44.6  
170 24.8 19.8 29.8

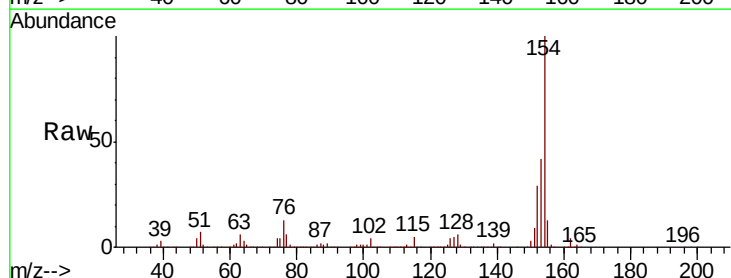


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

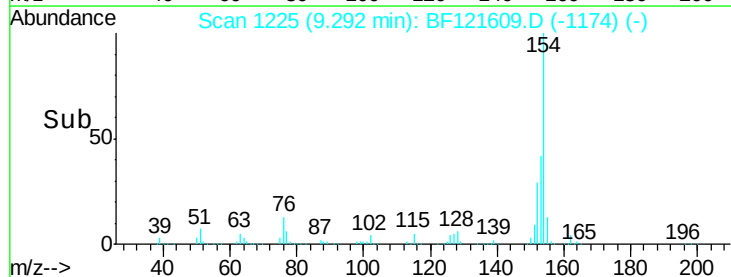
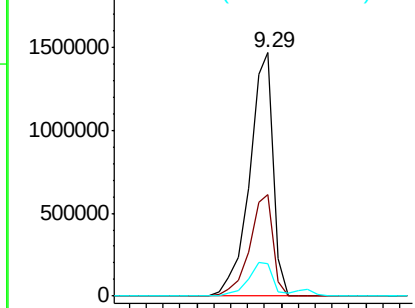


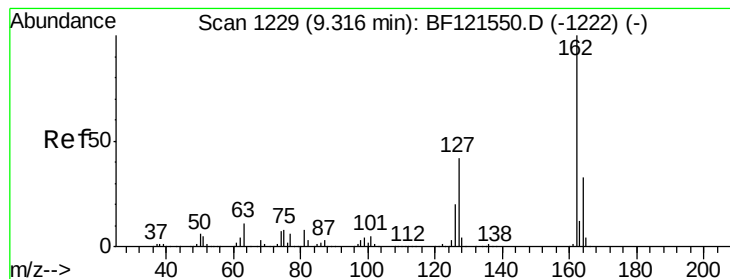
#46  
1,1'-Biphenyl  
Concen: 40.746 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion:154 Resp: 1436001  
Ion Ratio Lower Upper  
154 100  
153 41.9 21.7 61.7  
76 13.1 0.0 35.5



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: 41.061 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

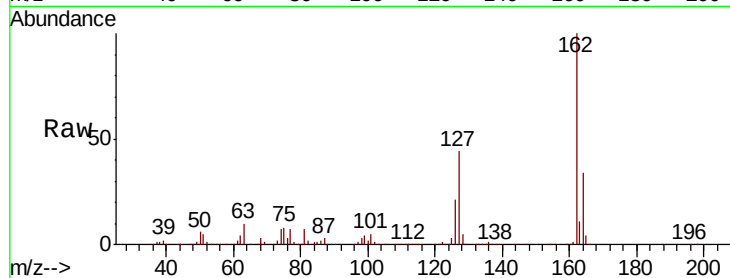
Tot Ion:162 Resp: 1140348

Ion Ratio Lower Upper

162 100

127 43.6 33.9 50.9

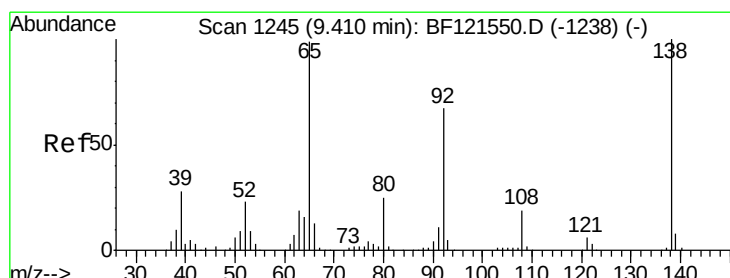
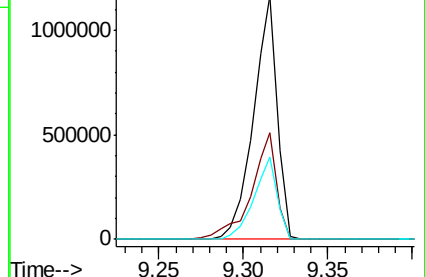
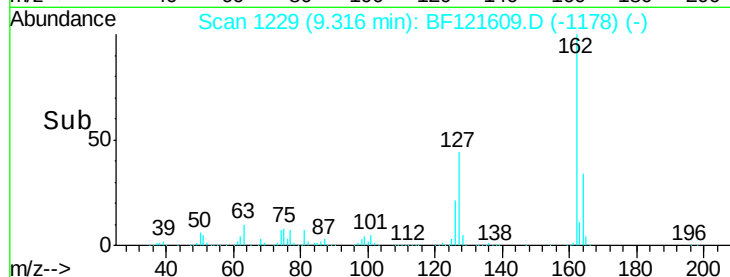
164 33.8 26.7 40.1



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: 48.883 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

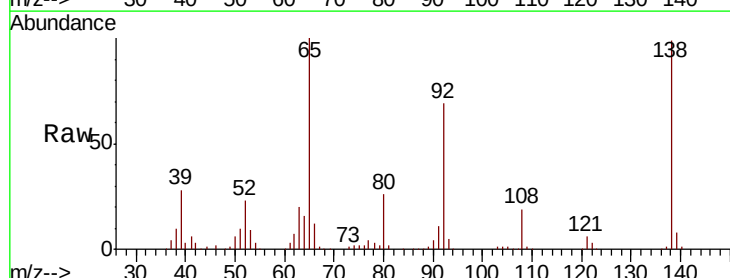
Tgt Ion: 65 Resp: 421874

Ion Ratio Lower Upper

65 100

92 68.7 54.2 81.4

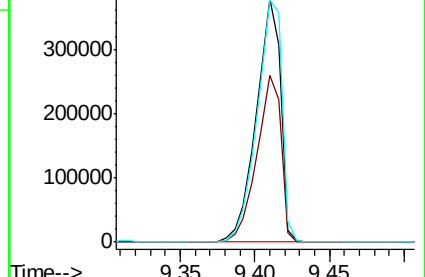
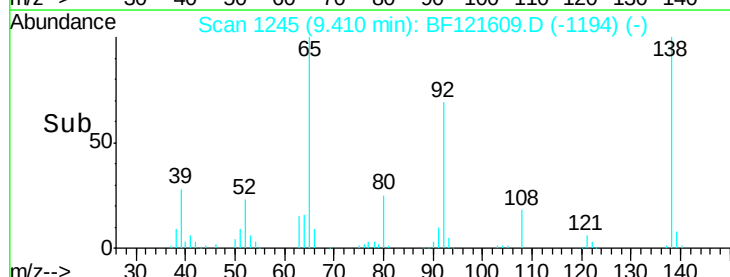
138 99.3 80.8 121.2

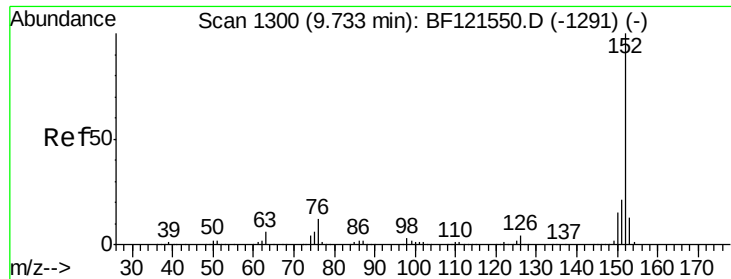


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.160 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

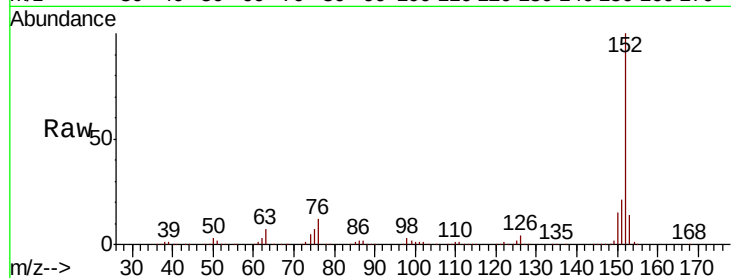
Tot Ion:152 Resp: 1756339

Ion Ratio Lower Upper

152 100

151 21.0 16.6 24.8

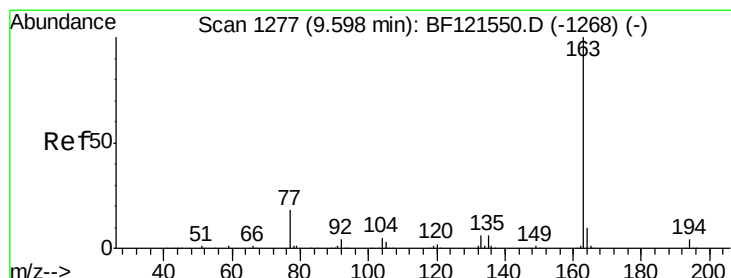
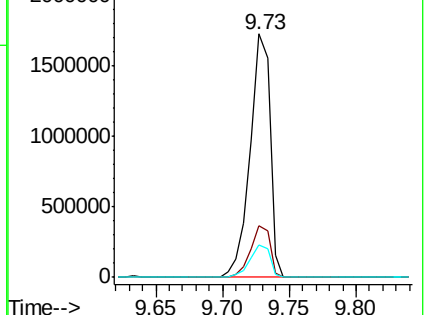
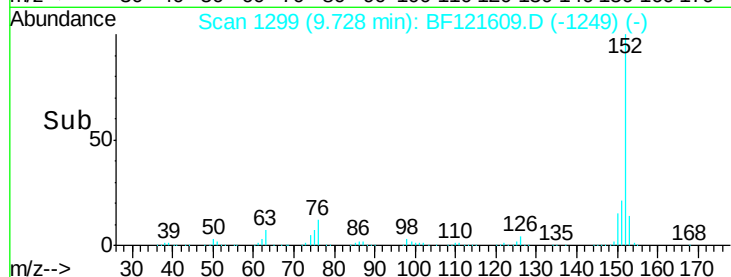
153 13.6 10.7 16.1



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: 46.204 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

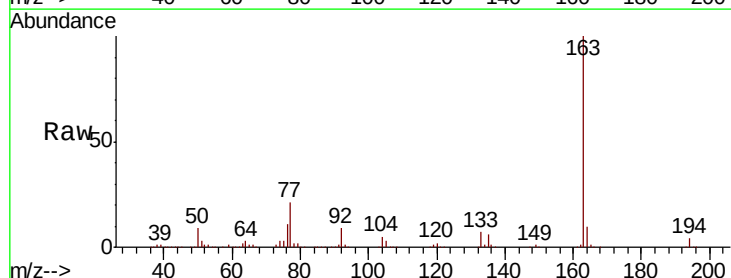
Tgt Ion:163 Resp: 1474211

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

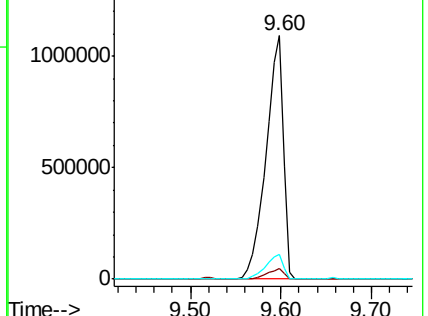
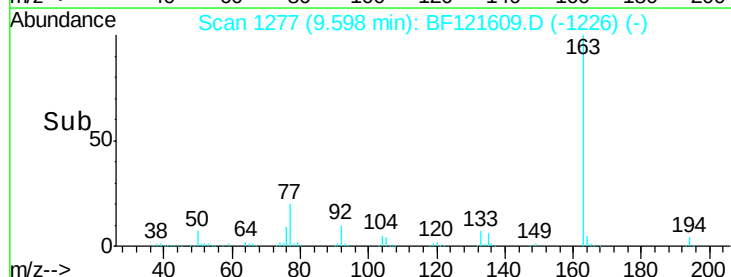
164 10.2 7.9 11.9

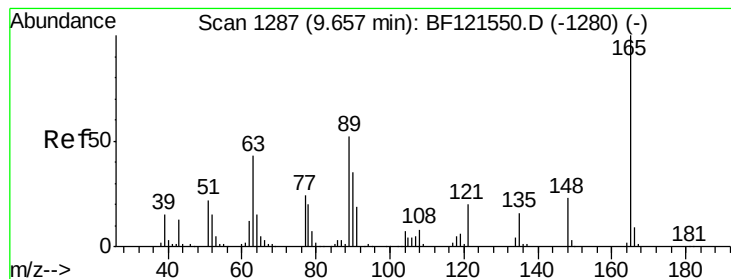


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.443 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

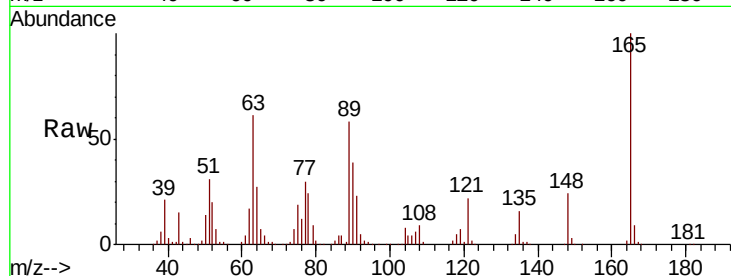
Tot Ion:165 Resp: 322382

Ion Ratio Lower Upper

165 100

63 60.5 40.6 61.0

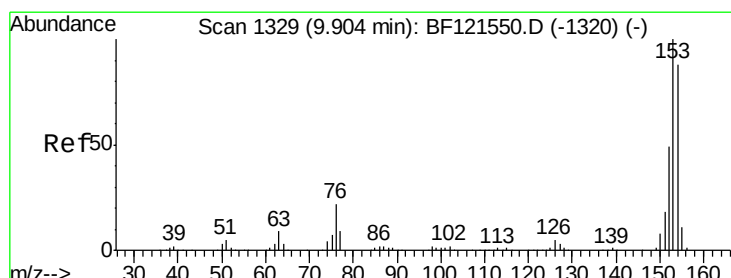
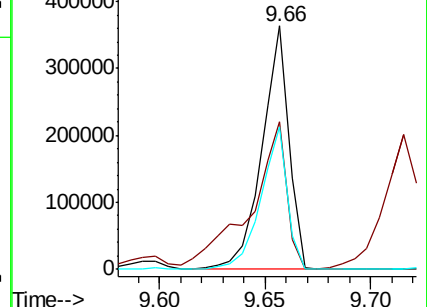
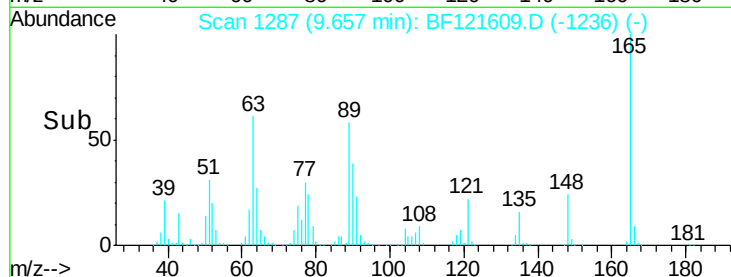
89 58.3 41.8 62.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.412 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

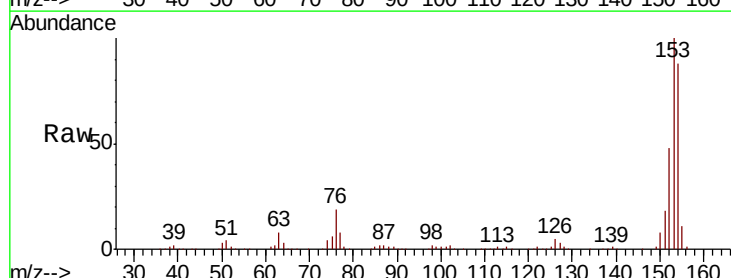
Tgt Ion:154 Resp: 1062223

Ion Ratio Lower Upper

154 100

153 113.2 91.0 136.4

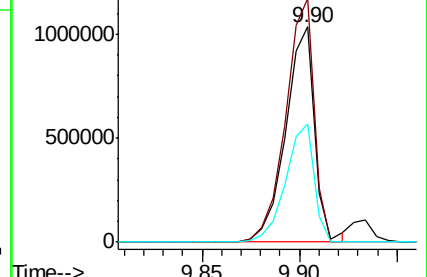
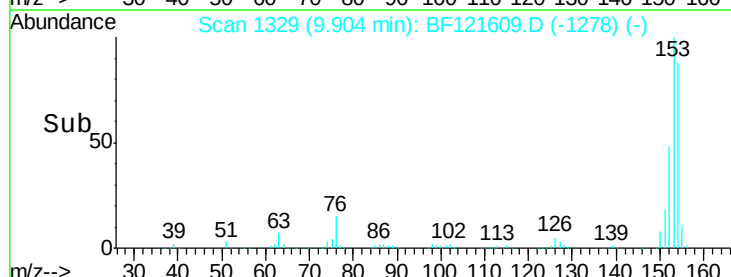
152 54.8 44.2 66.2

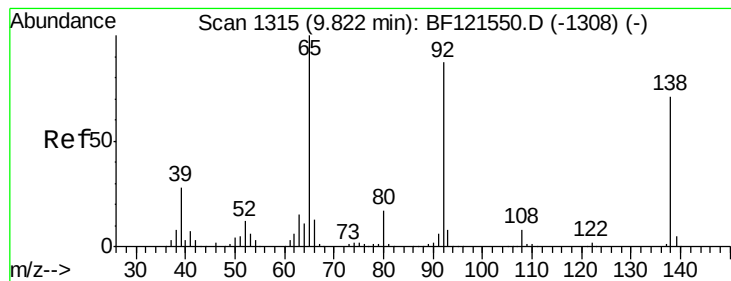


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 45.973 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

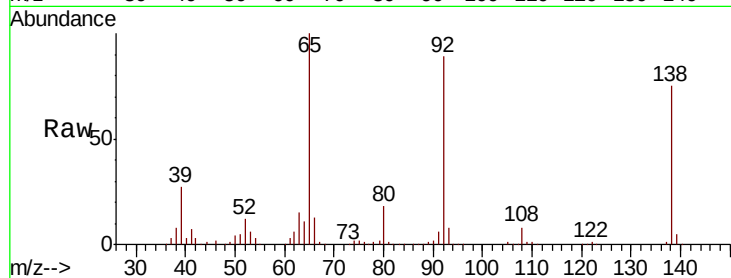
Tot Ion:138 Resp: 361888

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.6

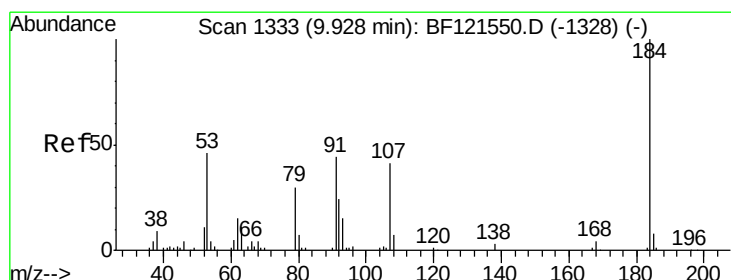
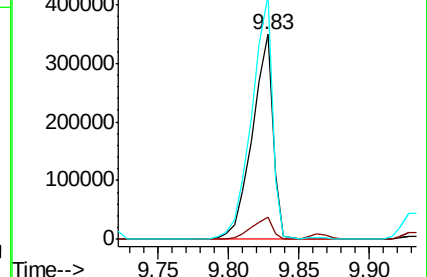
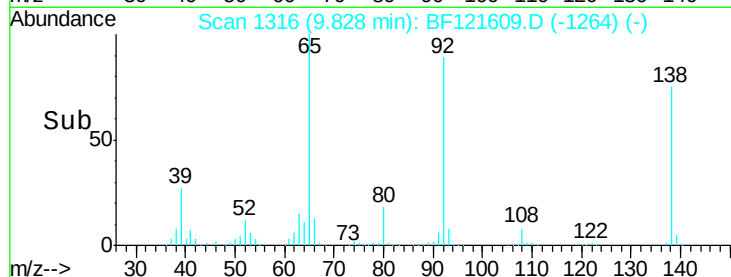
92 118.9 97.4 146.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 50.697 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

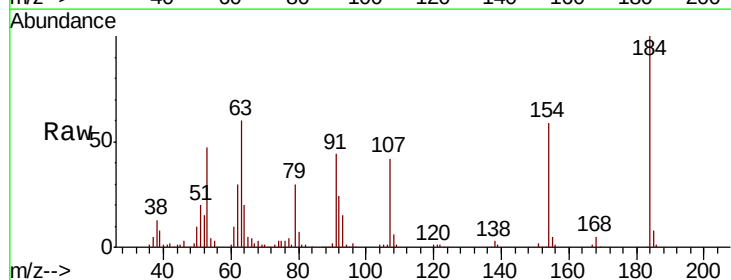
Tgt Ion:184 Resp: 184047

Ion Ratio Lower Upper

184 100

63 60.0 47.7 71.5

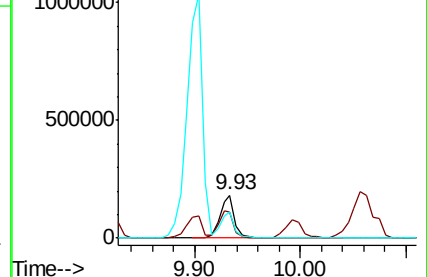
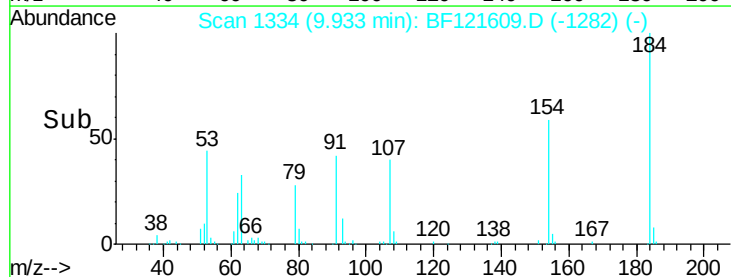
154 59.0 47.2 70.8

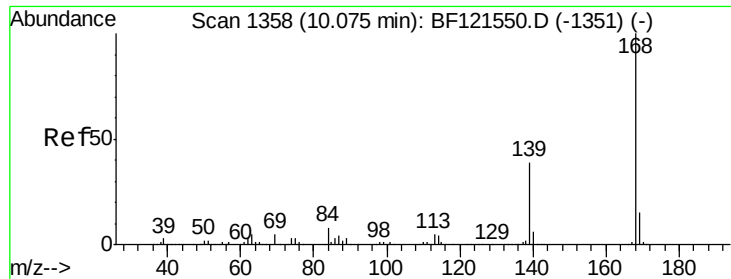


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

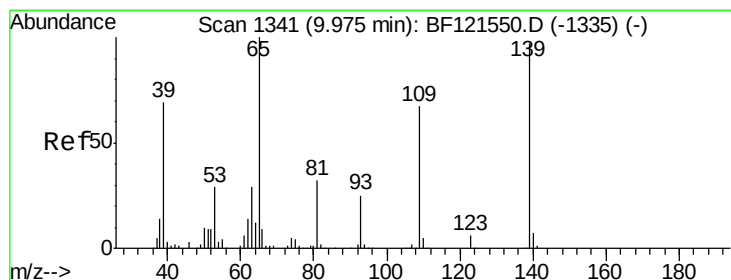
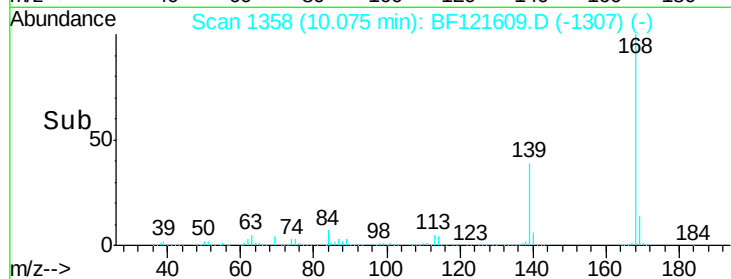
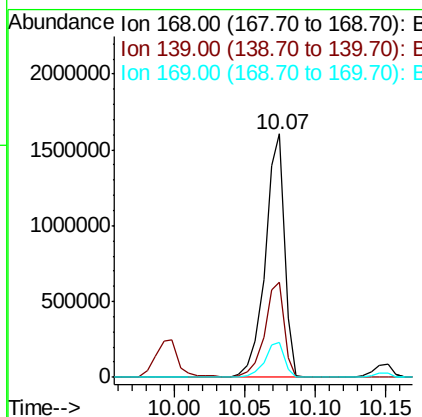
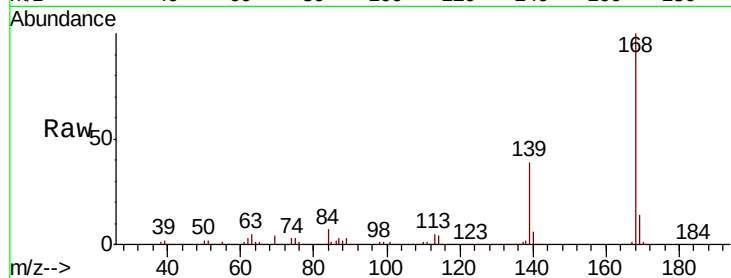




#55  
Dibenzenofuran  
Concen: 40.823 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

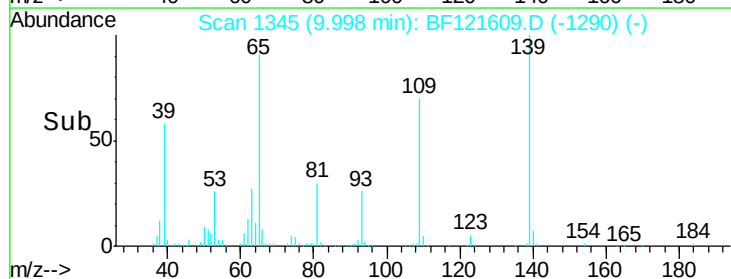
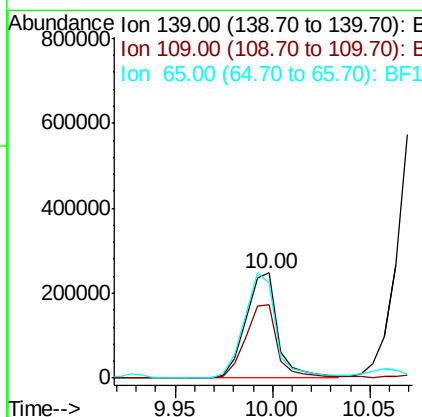
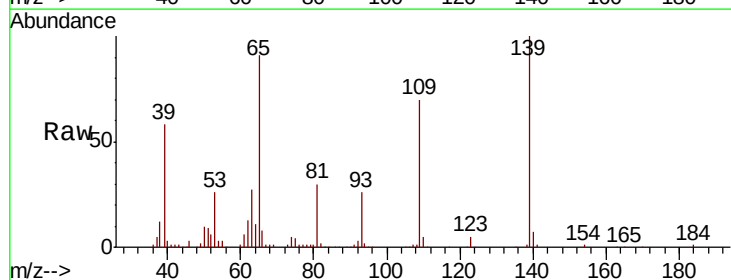
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:168 Resp: 1549424  
Ion Ratio Lower Upper  
168 100  
139 39.3 31.4 47.0  
169 14.2 11.9 17.9

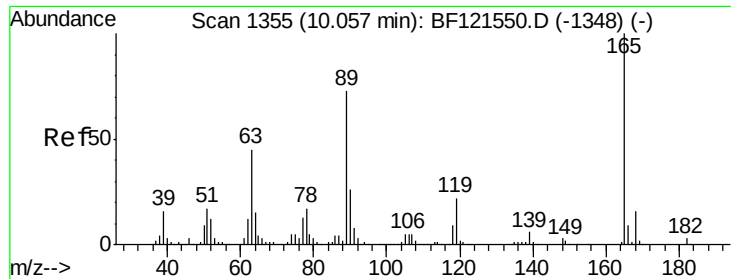


#56  
4-Nitrophenol  
Concen: 45.015 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. 0.02 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion:139 Resp: 282591  
Ion Ratio Lower Upper  
139 100  
109 69.8 48.8 88.8  
65 91.0 83.6 123.6



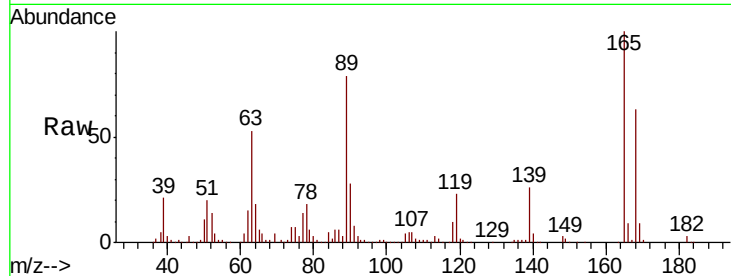




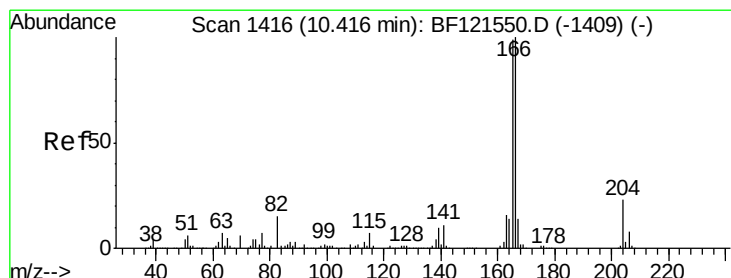
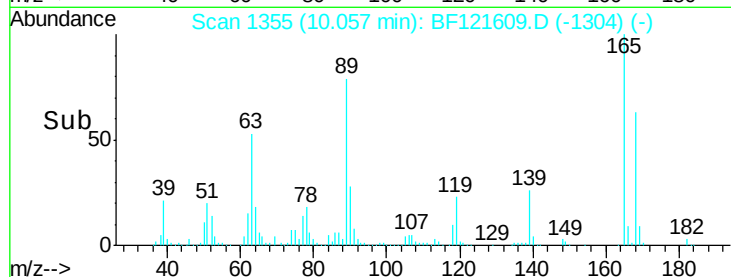
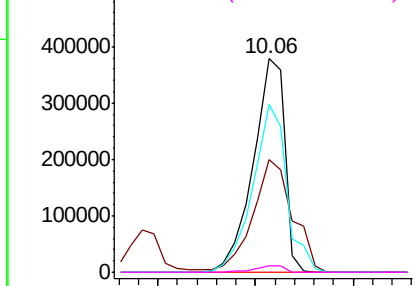
#57  
2,4-Dinitrotoluene  
Concen: 49.460 ng  
RT: 10.06 min Scan# 1355  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 52.9  | 36.2  | 54.4  |
| 89      | 78.6  | 58.2  | 87.4  |
| 182     | 2.8   | 2.2   | 3.2   |

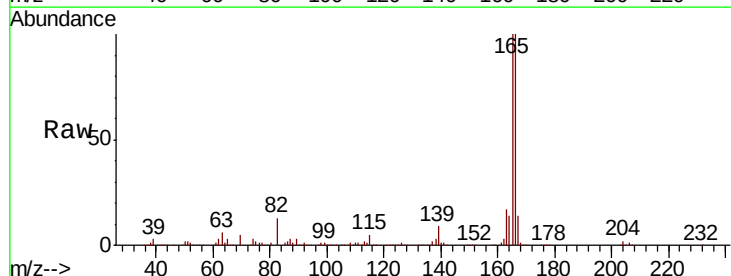


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1  
Ion 182.00 (181.70 to 182.70): E

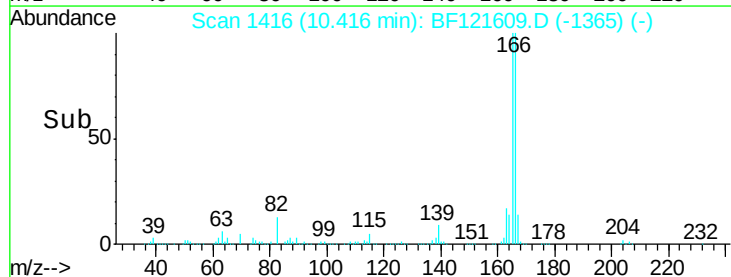
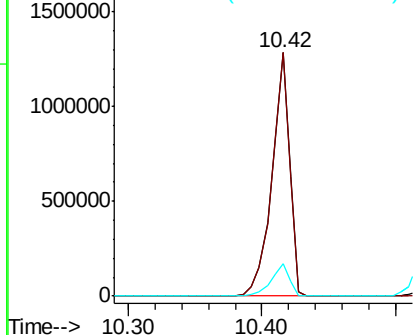


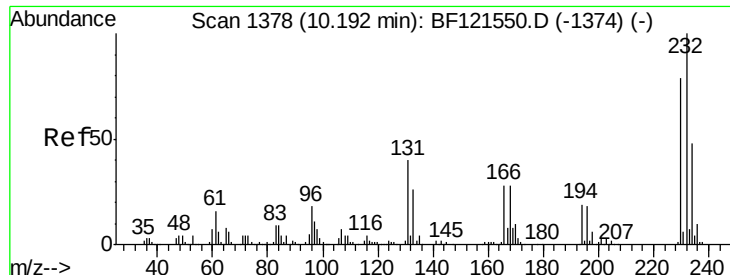
#58  
Fluorene  
Concen: 41.243 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.8  | 79.0  | 118.4 |
| 167     | 13.5  | 11.0  | 16.6  |



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

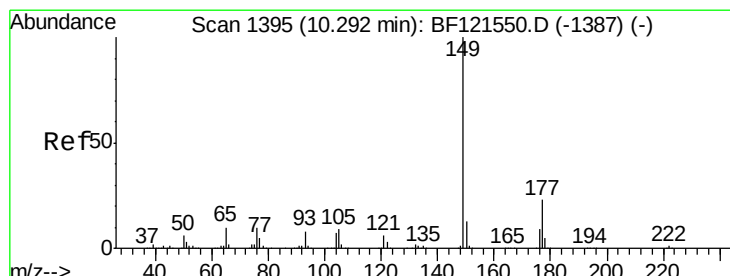
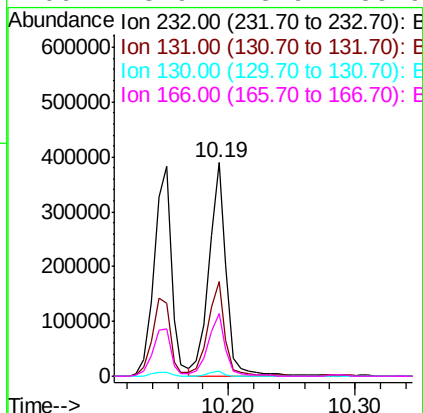
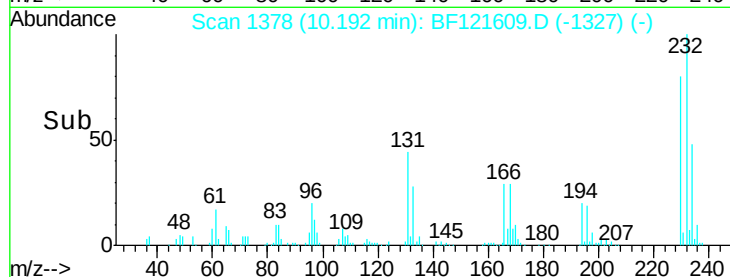
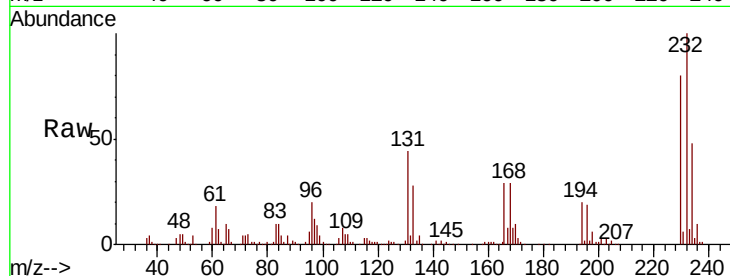




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.033 ng  
 RT: 10.19 min Scan# 1378  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

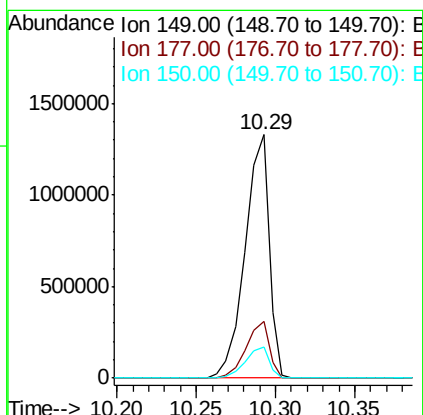
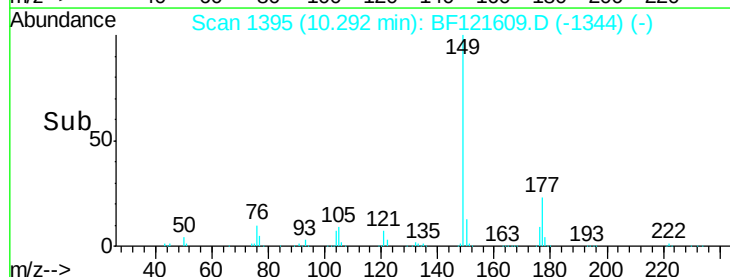
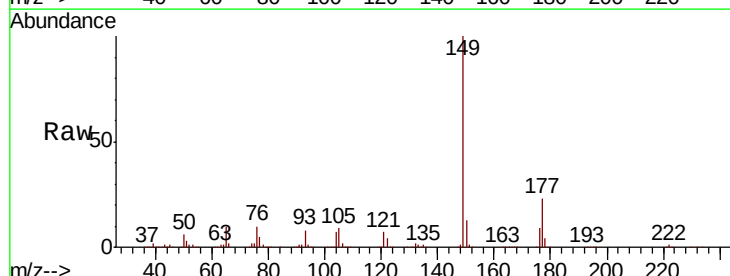
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

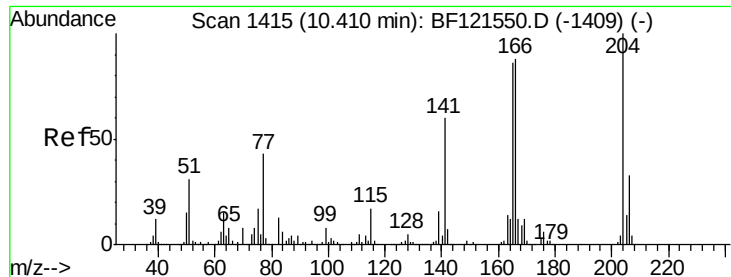
Tot Ion:232 Resp: 370818  
 Ion Ratio Lower Upper  
 232 100  
 131 43.0 36.3 54.5  
 130 2.1 1.9 2.9  
 166 28.9 23.9 35.9



#60  
 Diethylphthalate  
 Concen: 44.926 ng  
 RT: 10.29 min Scan# 1395  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Tgt Ion:149 Resp: 1397580  
 Ion Ratio Lower Upper  
 149 100  
 177 23.1 18.2 27.2  
 150 12.8 10.2 15.2

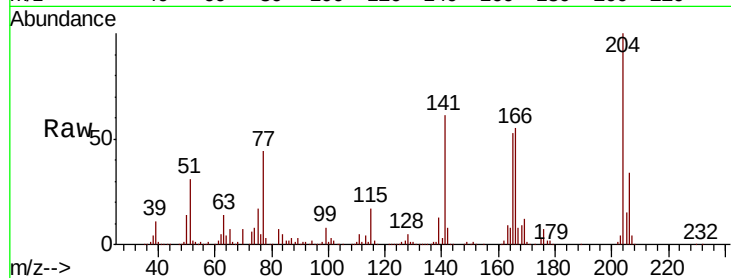




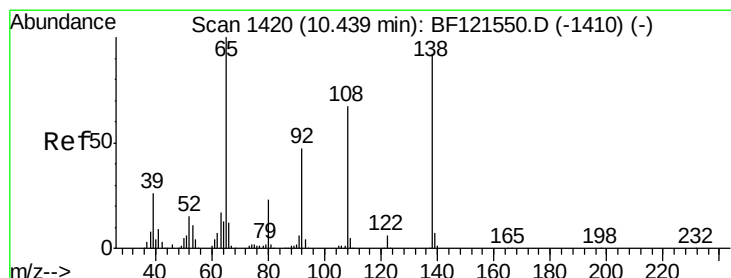
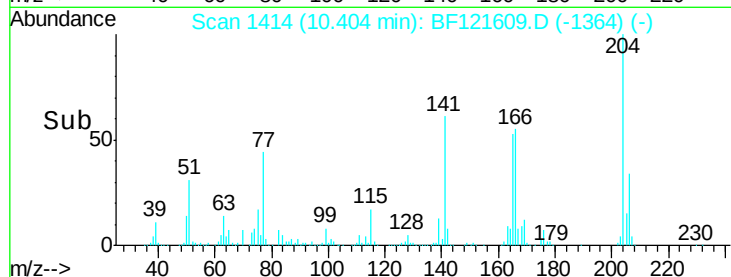
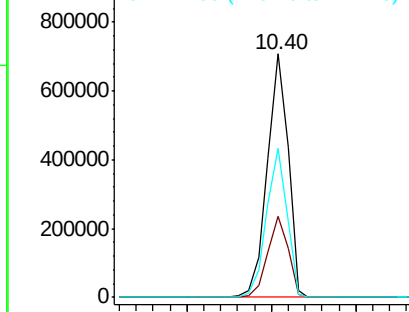
#61  
4-Chlorophenyl-phenylether  
Concen: 43.458 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:204 Resp: 604248  
Ion Ratio Lower Upper  
204 100  
206 33.5 26.4 39.6  
141 61.3 48.3 72.5

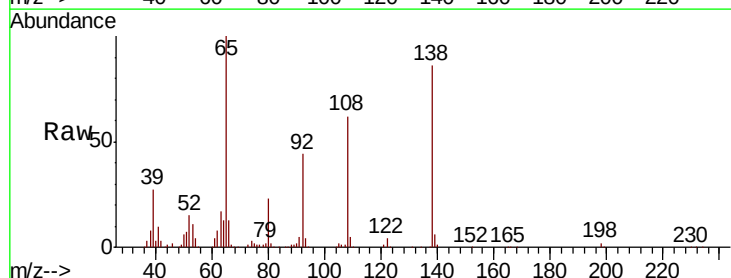


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

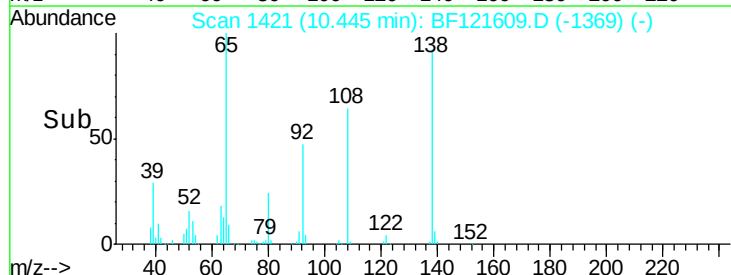
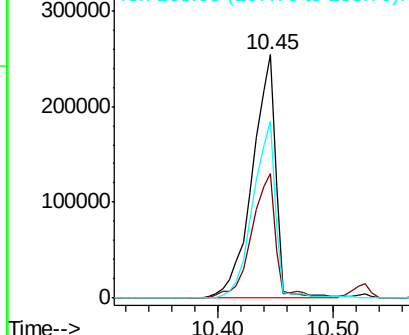


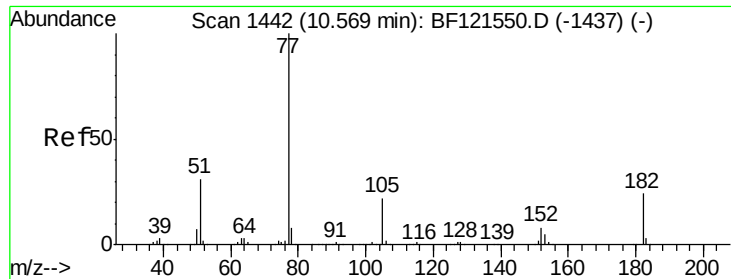
#62  
4-Nitroaniline  
Concen: 46.480 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion:138 Resp: 363277  
Ion Ratio Lower Upper  
138 100  
92 51.3 31.4 71.4  
108 72.5 52.4 92.4



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





#63

Azobenzene

Concen: 42.568 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1410194

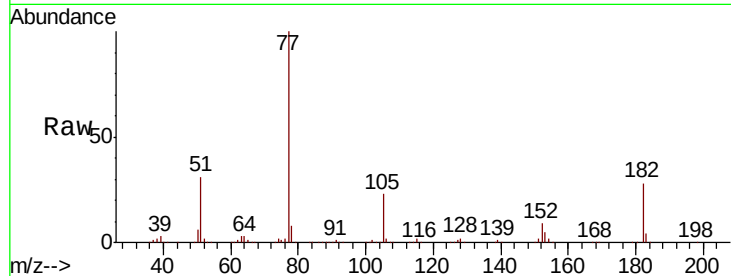
Ion Ratio Lower Upper

77 100

182 28.5 3.9 43.9

105 22.6 2.2 42.2

51 30.7 11.1 51.1

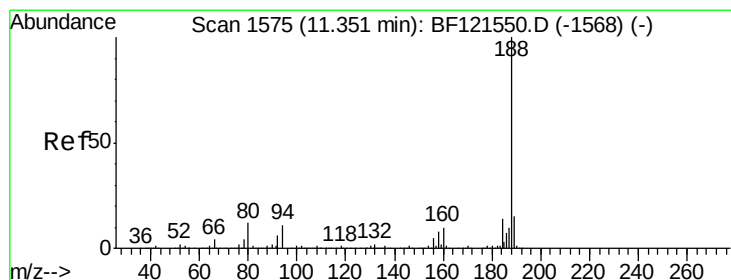
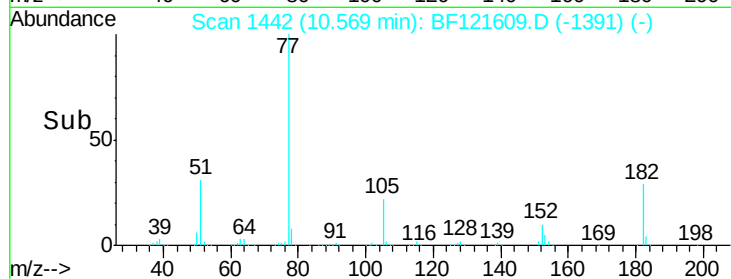
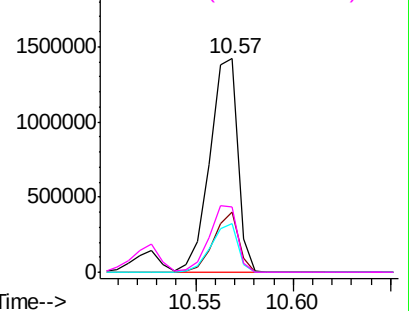


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

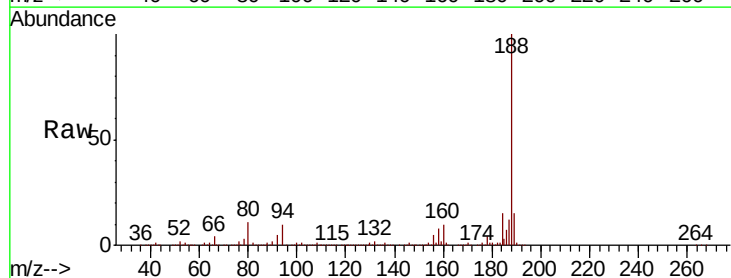
Tgt Ion: 188 Resp: 832054

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

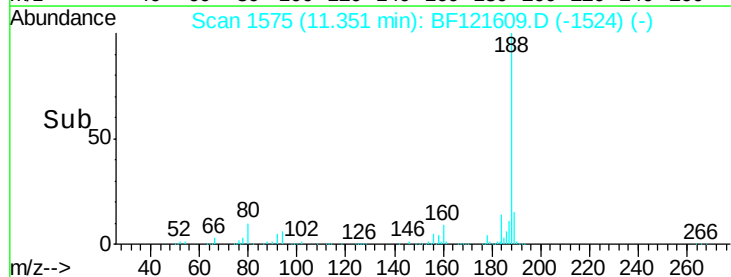
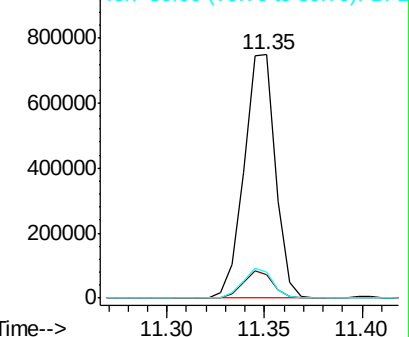
80 10.9 9.3 13.9

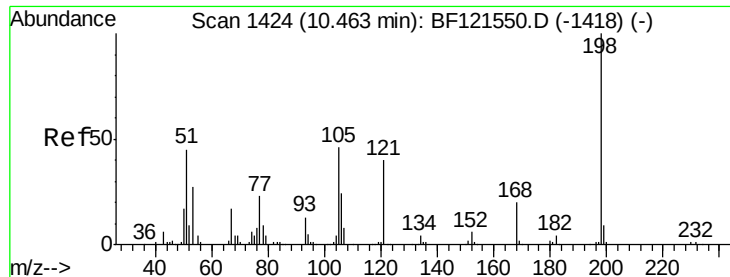


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

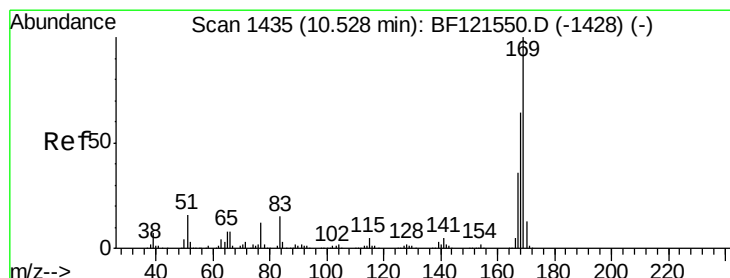
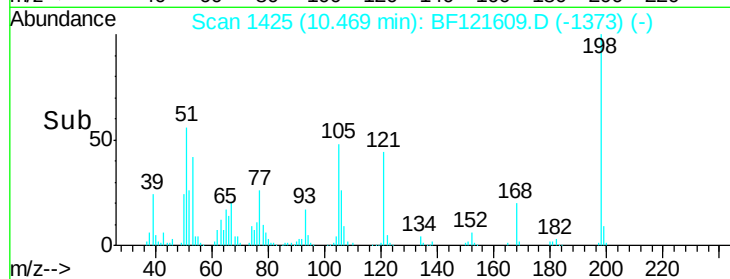
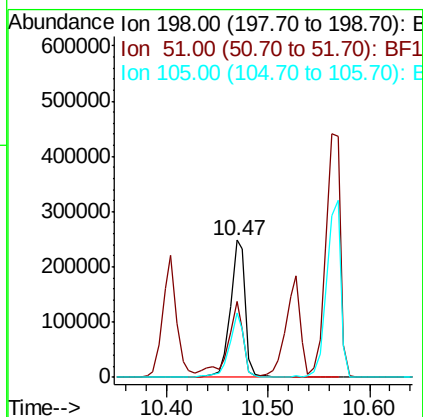
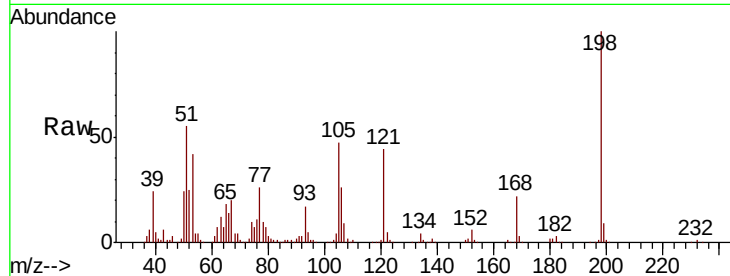




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 49.614 ng  
 RT: 10.47 min Scan# 1425  
 Delta R.T. 0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

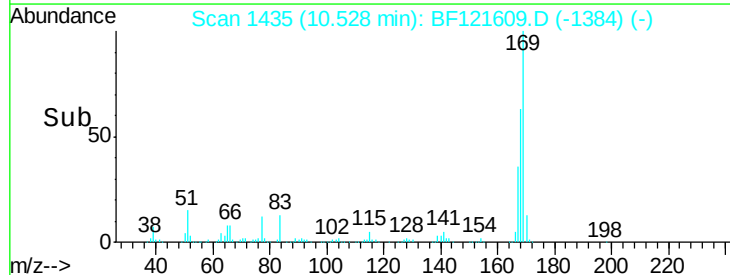
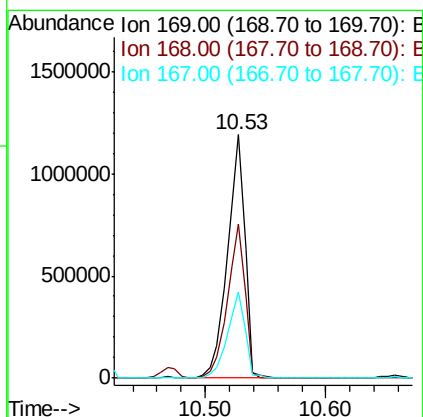
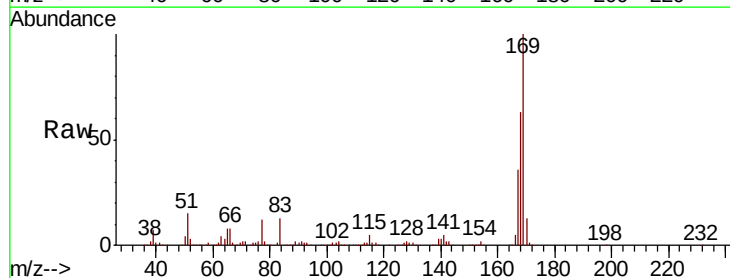
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

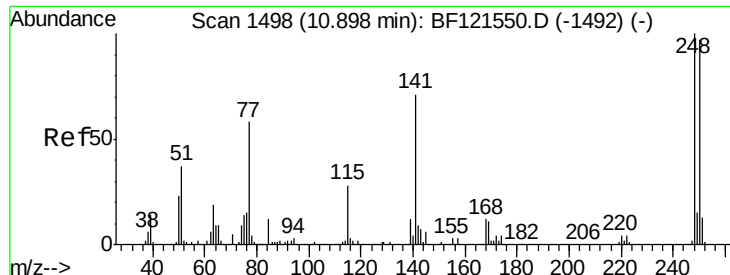
Tot Ion:198 Resp: 254690  
 Ion Ratio Lower Upper  
 198 100  
 51 55.5 31.1 71.1  
 105 47.3 26.6 66.6



#66  
 n-Nitrosodiphenylamine  
 Concen: 41.736 ng  
 RT: 10.53 min Scan# 1435  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Tgt Ion:169 Resp: 1191400  
 Ion Ratio Lower Upper  
 169 100  
 168 63.5 51.2 76.8  
 167 35.5 28.9 43.3

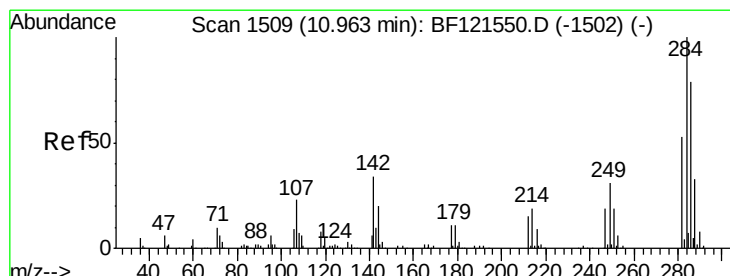
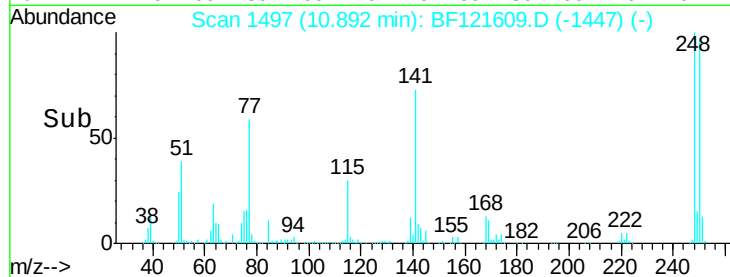
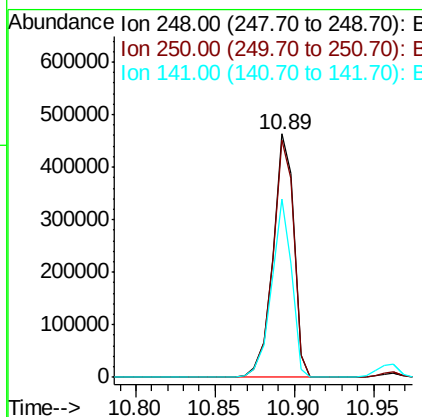
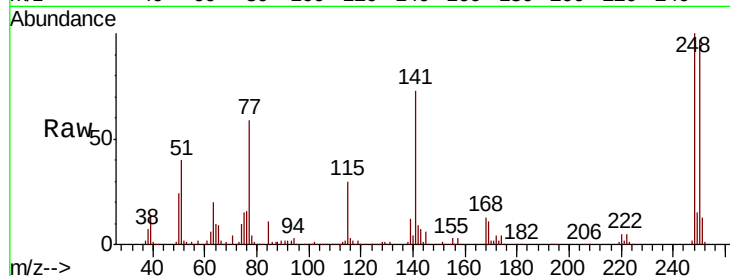




#67  
 4-Bromophenyl-phenylether  
 Concen: 45.170 ng  
 RT: 10.89 min Scan# 1497  
 Delta R.T. -0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

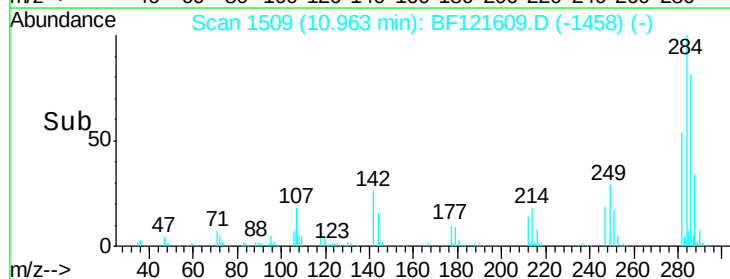
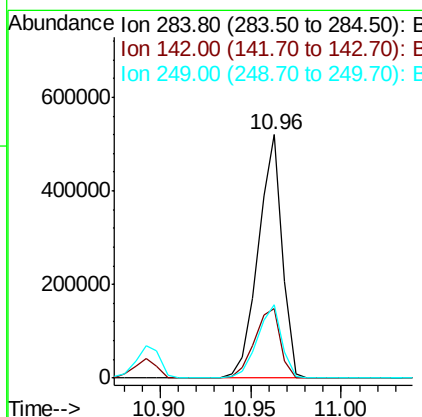
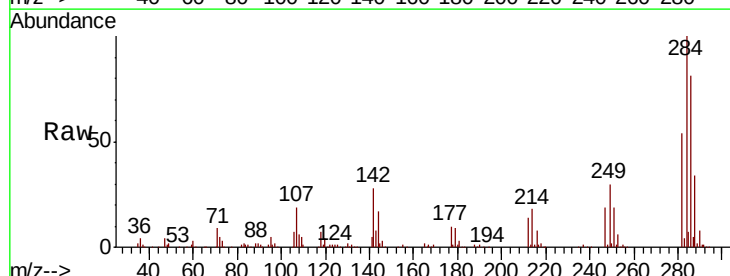
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

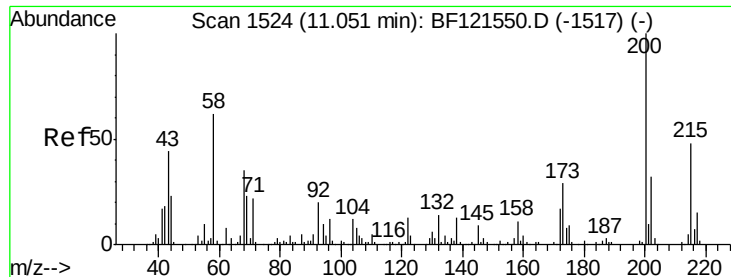
|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:248 | Resp: | 427906 |
| Ion | Ratio   | Lower | Upper  |
| 248 | 100     |       |        |
| 250 | 97.4    | 77.4  | 116.0  |
| 141 | 73.3    | 56.7  | 85.1   |



#68  
 Hexachlorobenzene  
 Concen: 44.626 ng  
 RT: 10.96 min Scan# 1509  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

|             |              |
|-------------|--------------|
| Tgt Ion:284 | Resp: 477088 |
| Ratio       | Lower Upper  |
| 284 100     |              |
| 142 28.4    | 27.0 40.4    |
| 249 30.2    | 24.7 37.1    |

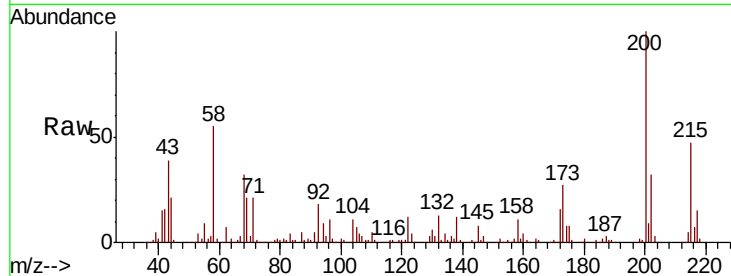




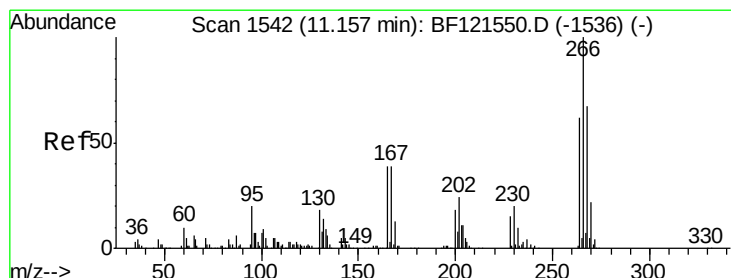
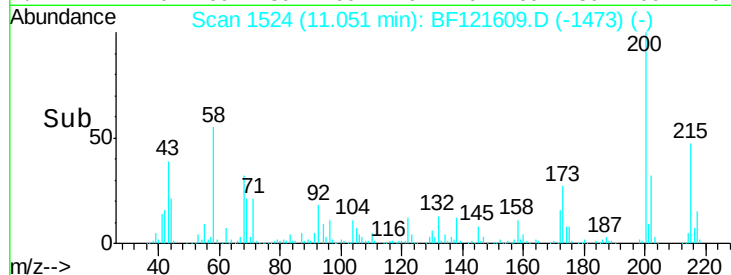
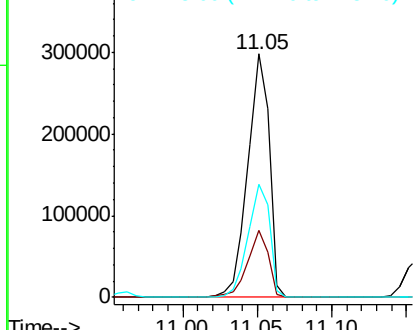
#69  
Atrazine  
Concen: 41.880 ng  
RT: 11.05 min Scan# 1524  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.3  | 8.5   | 48.5  |
| 215     | 46.6  | 27.8  | 67.8  |

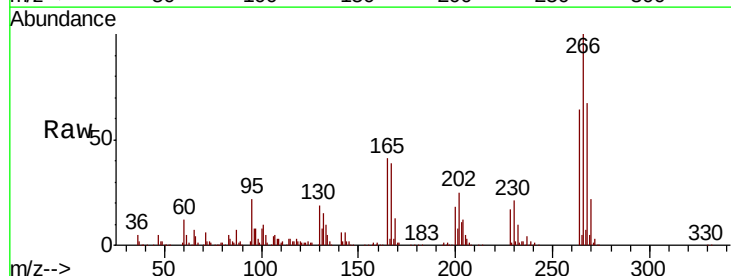


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

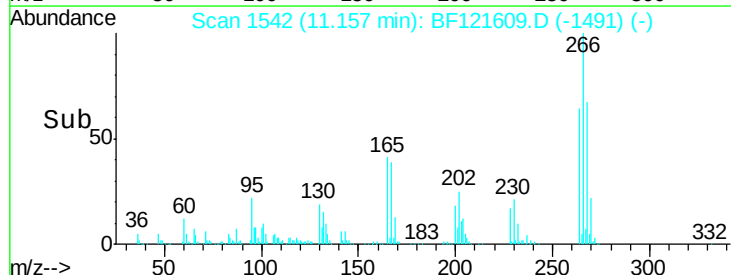
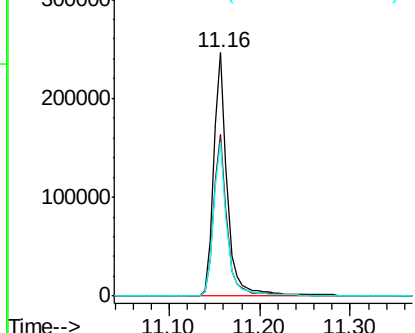


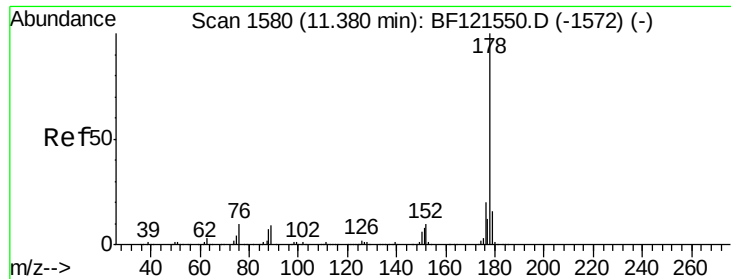
#70  
Pentachlorophenol  
Concen: 44.236 ng  
RT: 11.16 min Scan# 1542  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.6  | 53.5  | 80.3  |
| 264     | 63.5  | 49.8  | 74.8  |



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





#71

Phenanthrene

Concen: 41.039 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

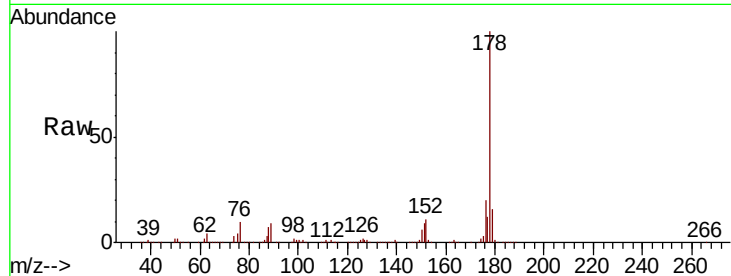
Tot Ion:178 Resp: 1860464

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

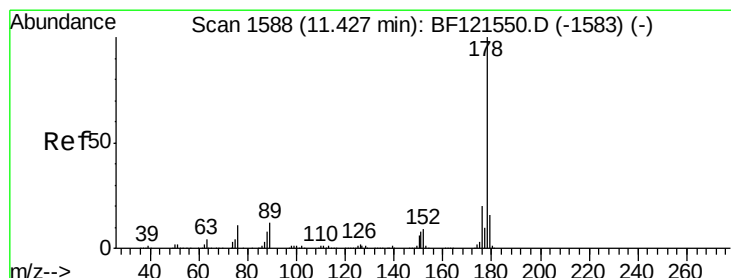
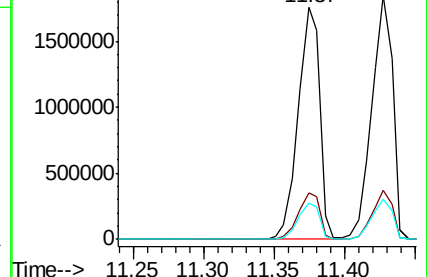
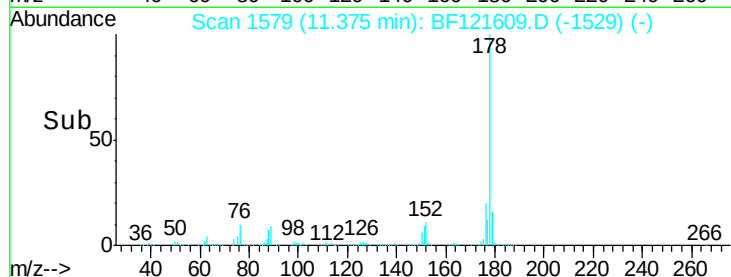
179 15.9 12.6 19.0



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: 40.651 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

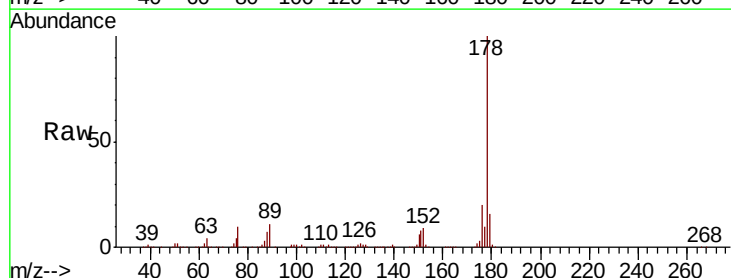
Tgt Ion:178 Resp: 1901758

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

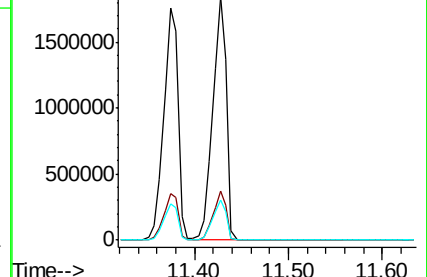
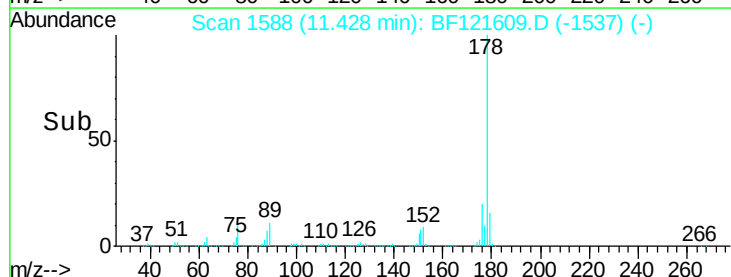
179 16.3 12.8 19.2



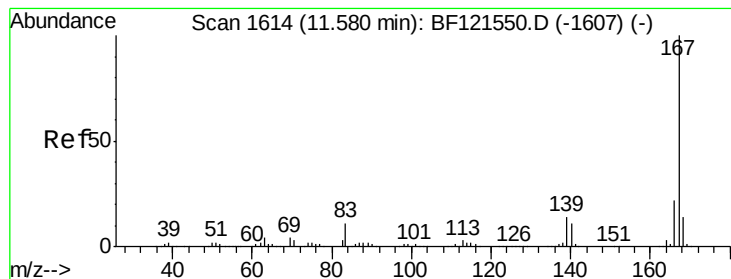
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 41.842 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

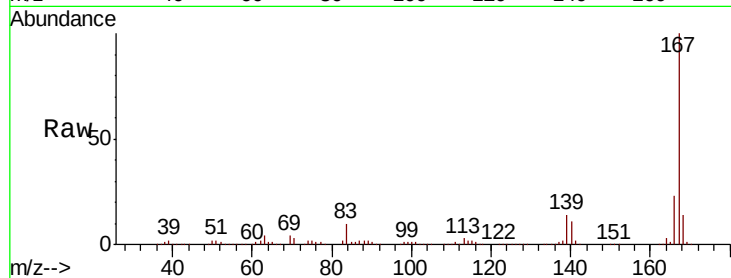
Tot Ion:167 Resp: 1766449

Ion Ratio Lower Upper

167 100

166 22.6 17.9 26.9

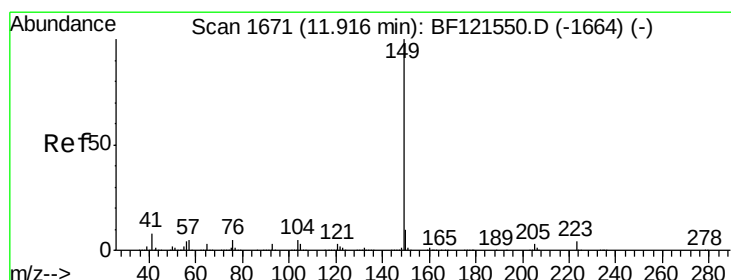
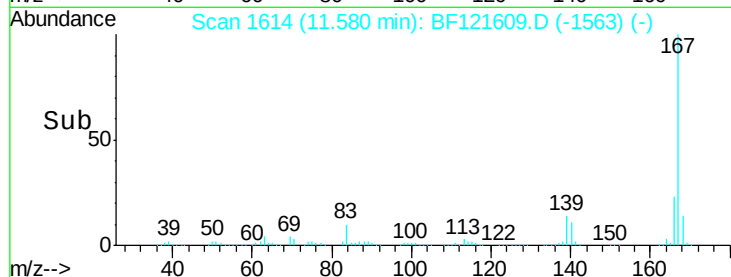
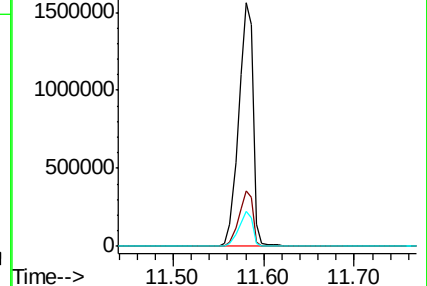
139 14.1 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.495 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

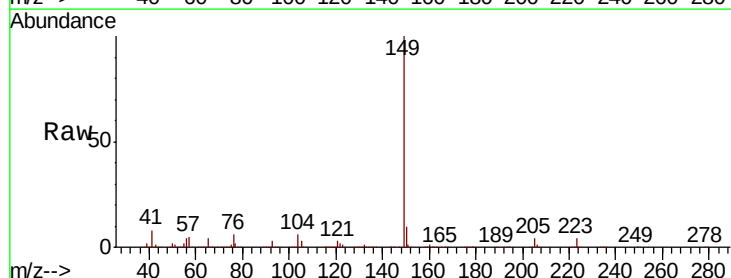
Tgt Ion:149 Resp: 2119286

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

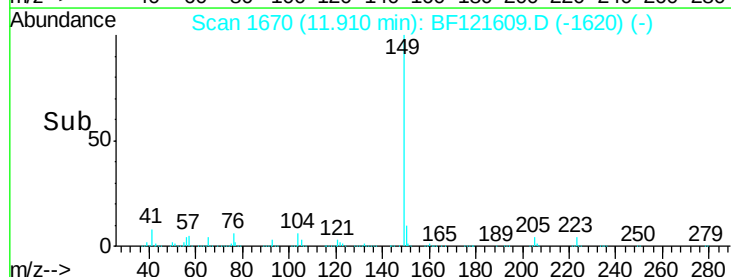
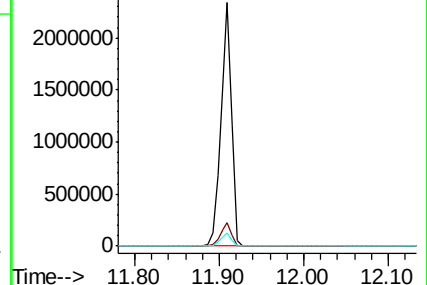
104 5.6 4.2 6.4

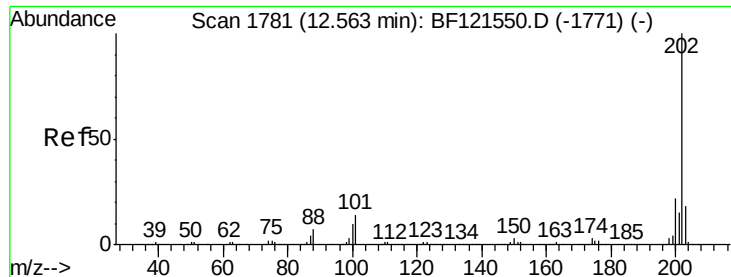


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



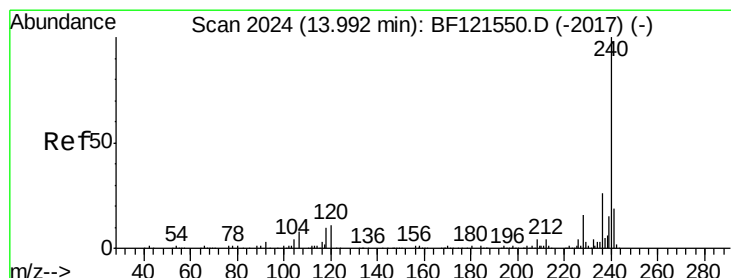
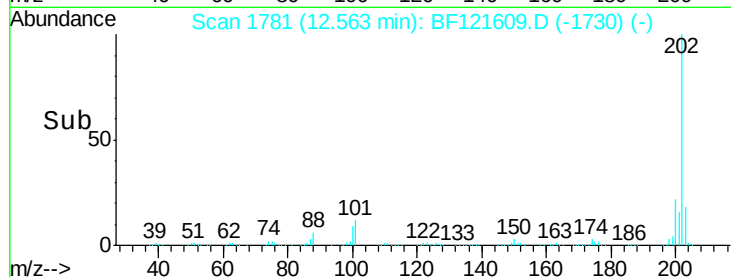
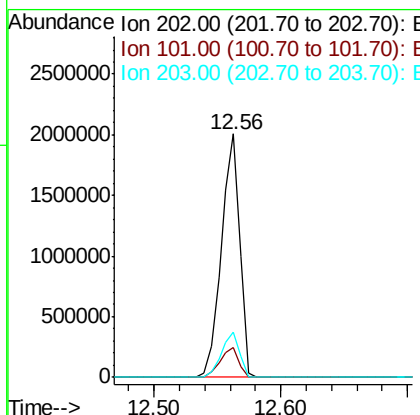
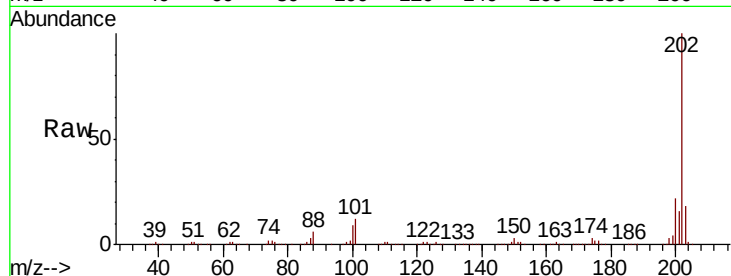


#75  
 Fluoranthene  
 Concen: 41.677 ng  
 RT: 12.56 min Scan# 1781  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:202 Resp: 2016903  

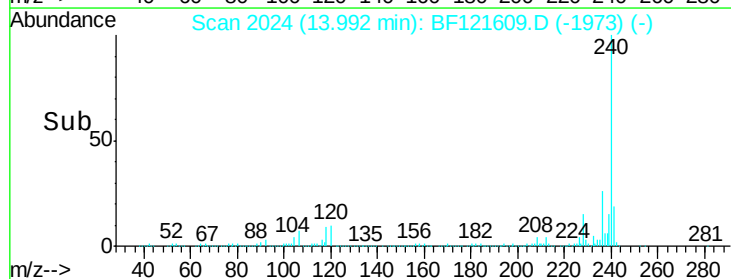
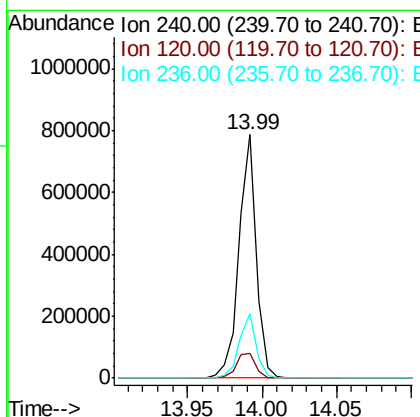
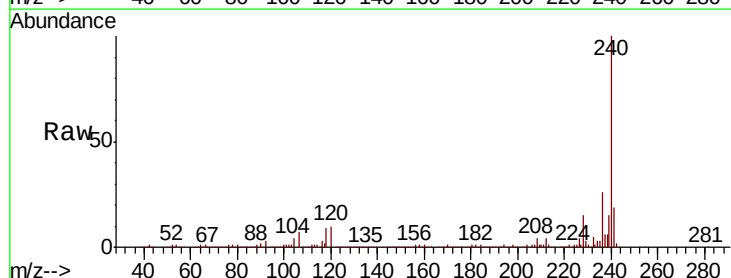
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.3  | 0.0   | 34.0  |
| 203 | 18.5  | 0.0   | 38.2  |

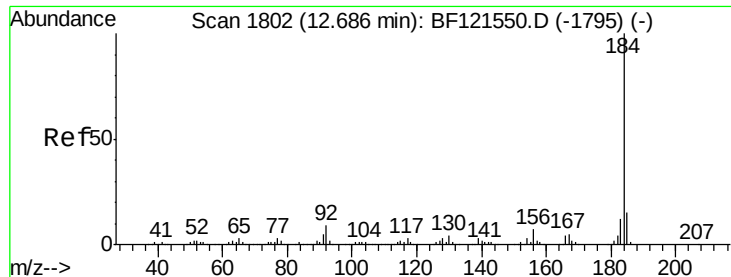


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.99 min Scan# 2024  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Tgt Ion:240 Resp: 638014  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.4  | 9.2   | 13.8  |
| 236 | 26.4  | 20.5  | 30.7  |





#77

Benzidine

Concen: 40.007 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

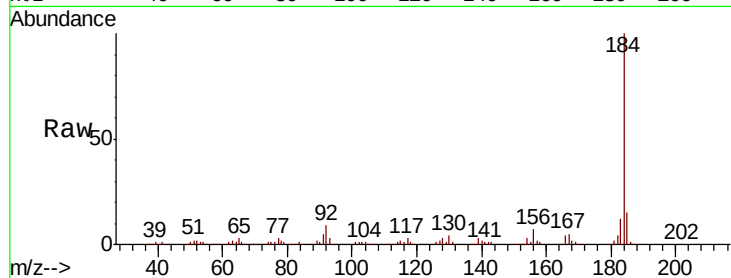
Tot Ion:184 Resp: 846203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.2  | 12.0  | 18.0  |
| 183 | 12.0  | 9.5   | 14.3  |

184 100

185 15.2 12.0 18.0

183 12.0 9.5 14.3

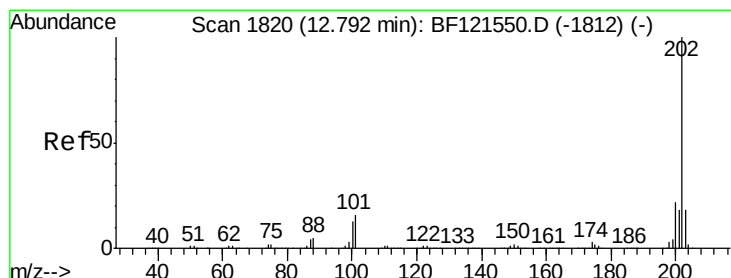
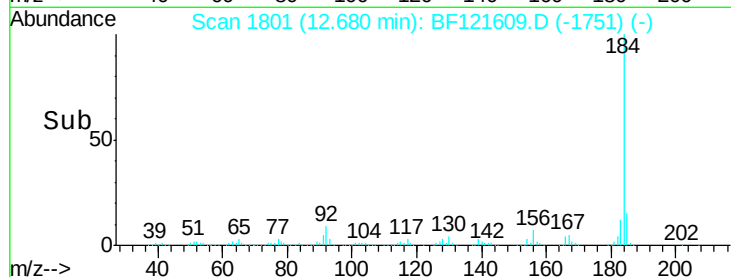
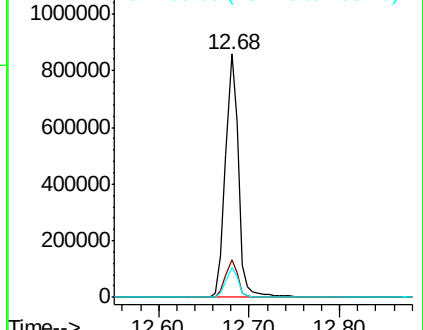


Abundance

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: 44.215 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

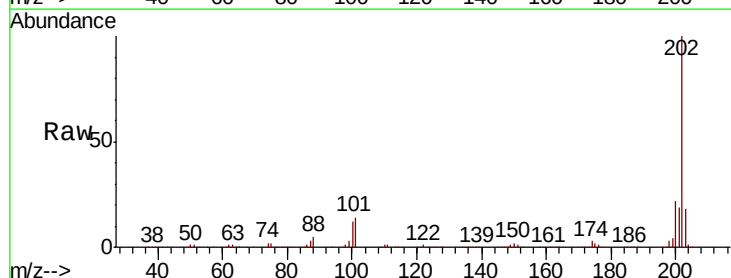
Tgt Ion:202 Resp: 2061098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.4  | 17.8  | 26.8  |
| 203 | 18.3  | 14.6  | 22.0  |

202 100

200 22.4 17.8 26.8

203 18.3 14.6 22.0

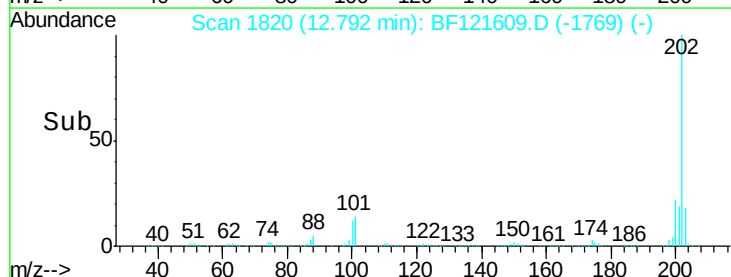
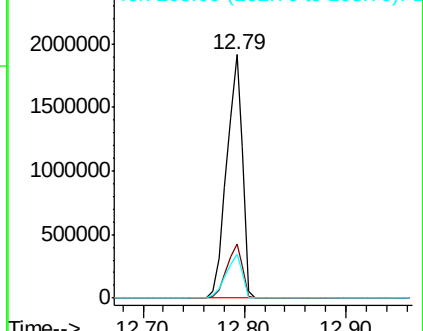


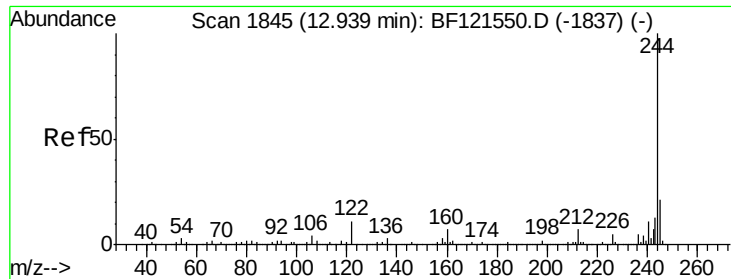
Abundance

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: 88.130 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

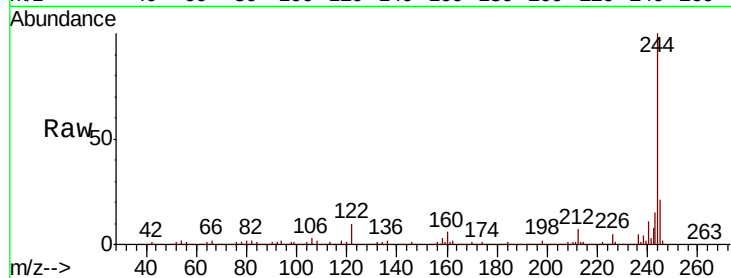
Tot Ion:244 Resp: 2775459

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

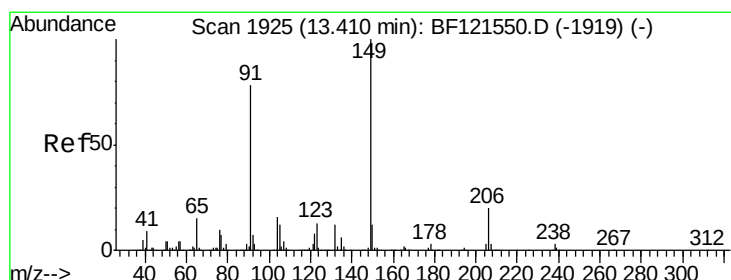
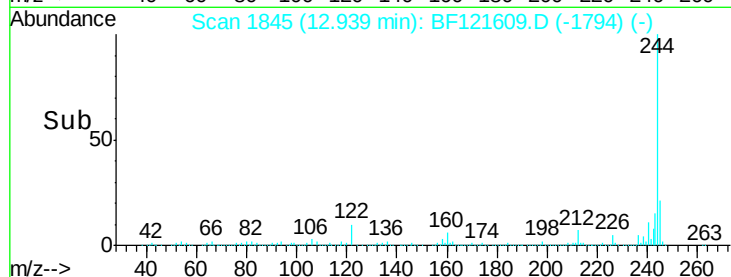
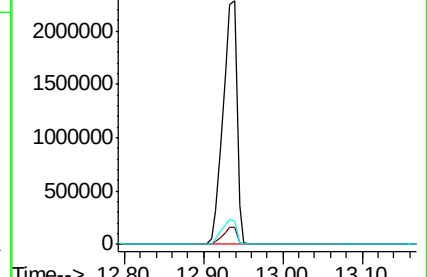
122 9.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.366 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

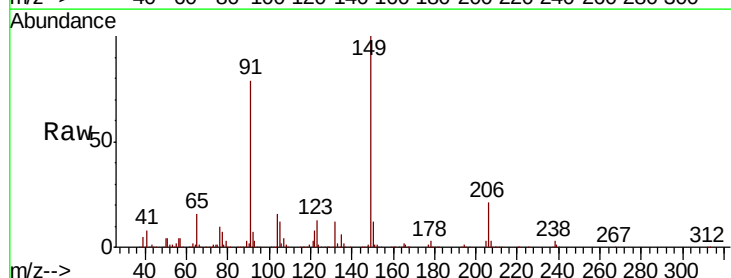
Tgt Ion:149 Resp: 930681

Ion Ratio Lower Upper

149 100

91 78.7 62.6 94.0

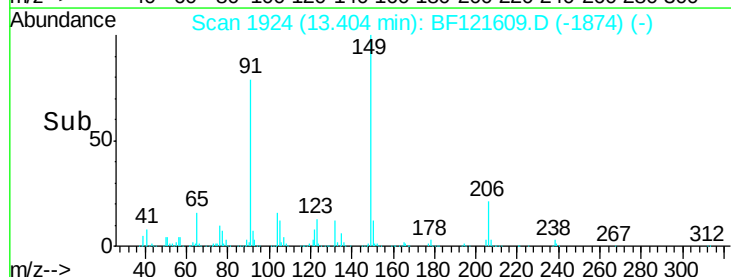
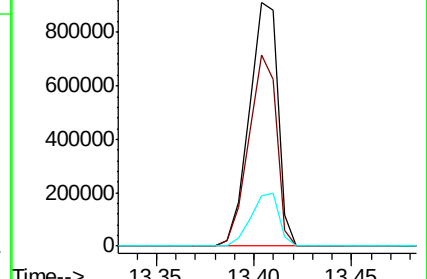
206 20.5 15.8 23.6

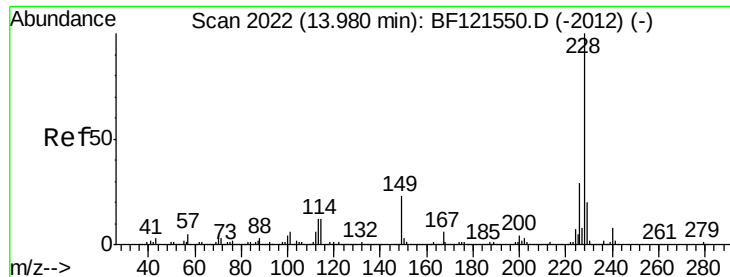


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.500 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

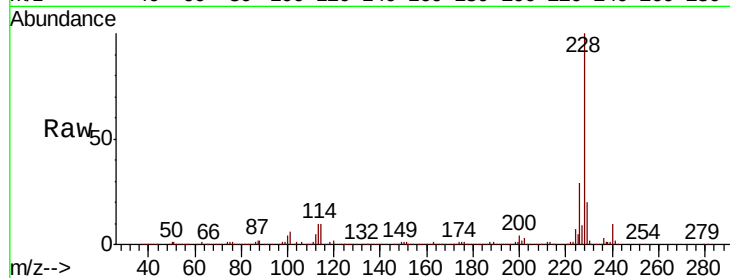
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1796189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.6  | 22.9  | 34.3  |
| 229 | 20.2  | 16.3  | 24.5  |

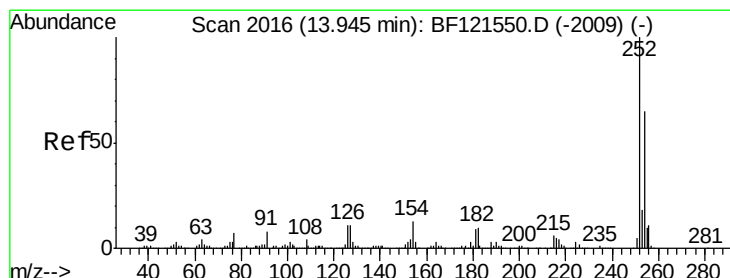
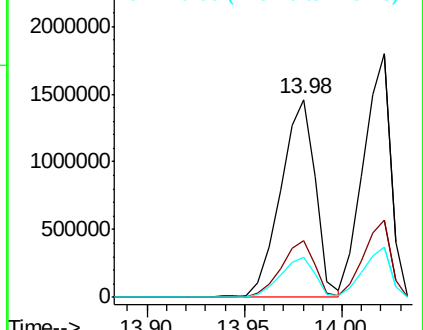
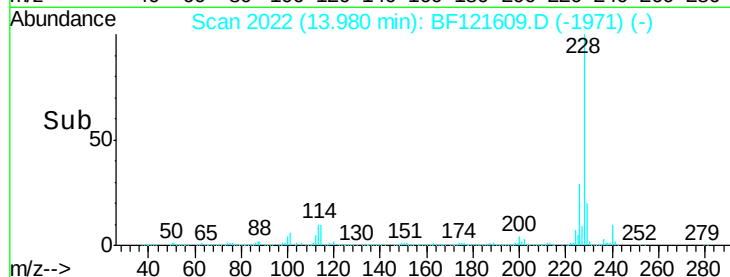


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.582 ng

RT: 13.94 min Scan# 2016

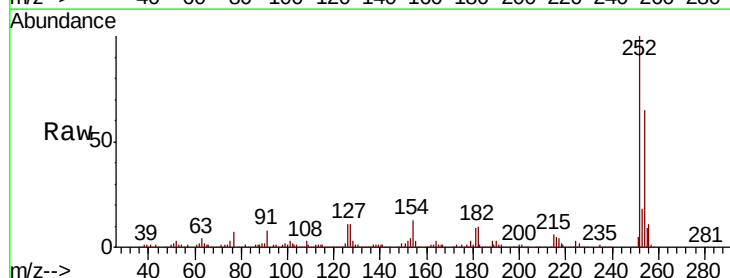
Delta R.T. 0.00 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:252 Resp: 734045

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.8  | 52.3  | 78.5  |
| 126 | 10.5  | 9.1   | 13.7  |

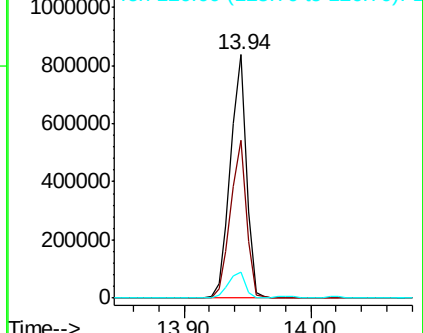
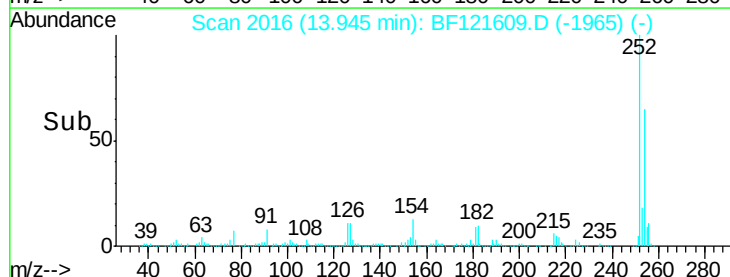


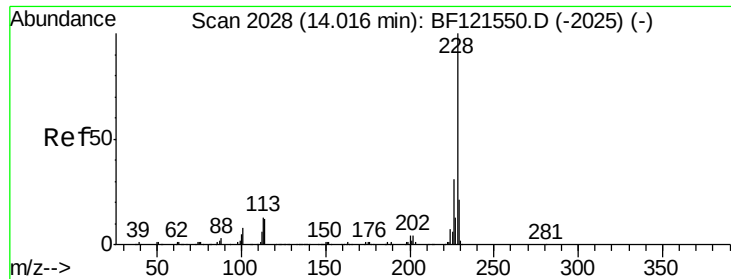
Abundance

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: 42.732 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

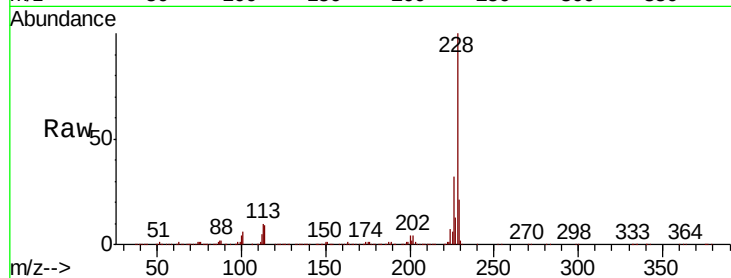
BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1746606

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.8  | 25.1  | 37.7  |
| 229 | 20.6  | 16.6  | 25.0  |

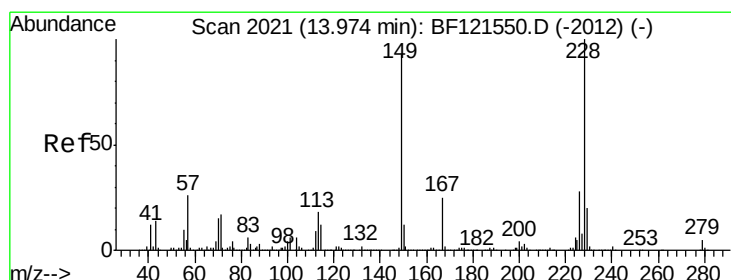
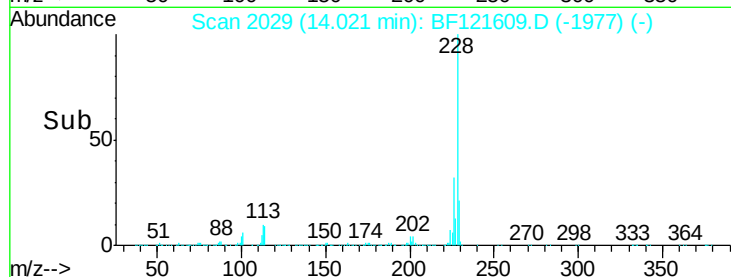
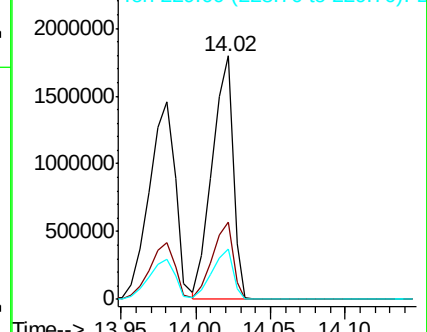


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.593 ng

RT: 13.96 min Scan# 2019

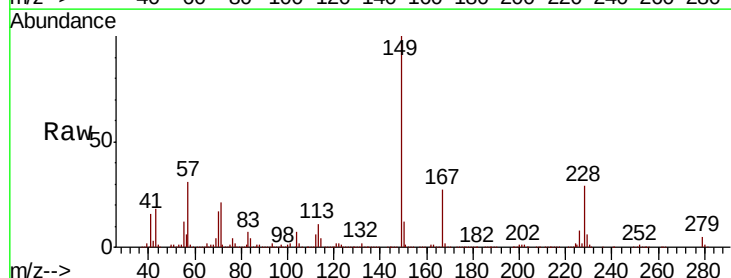
Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Tgt Ion:149 Resp: 1223860

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.9  | 21.6  | 32.4  |
| 279 | 4.8   | 4.1   | 6.1   |

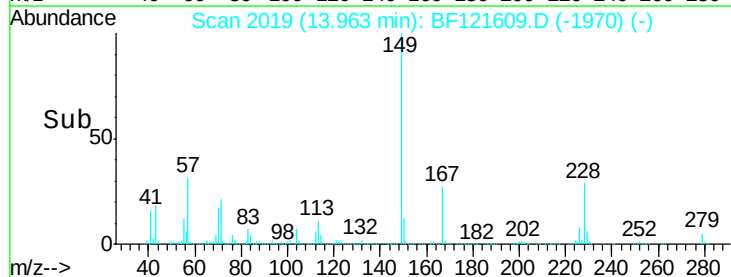
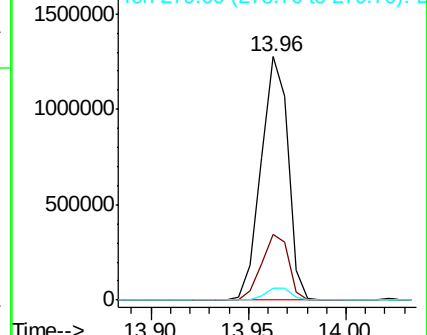


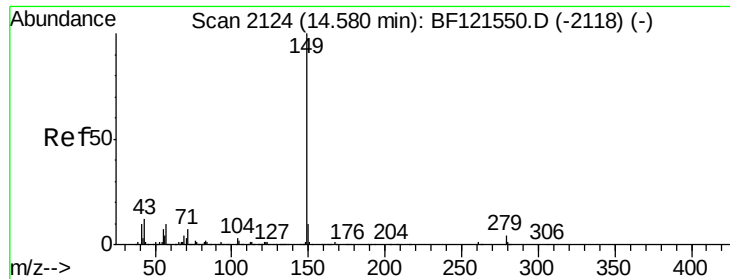
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

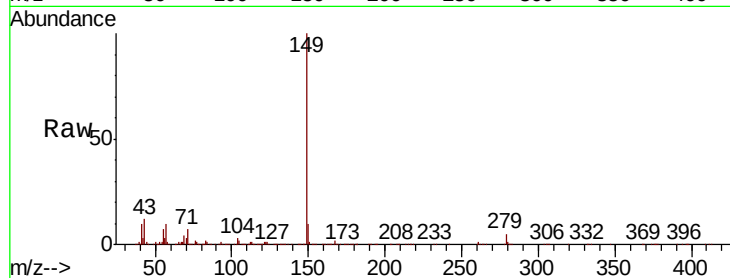




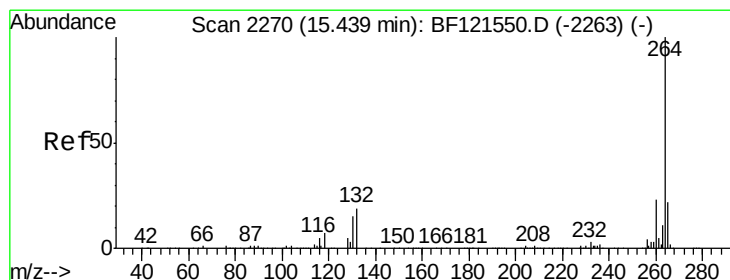
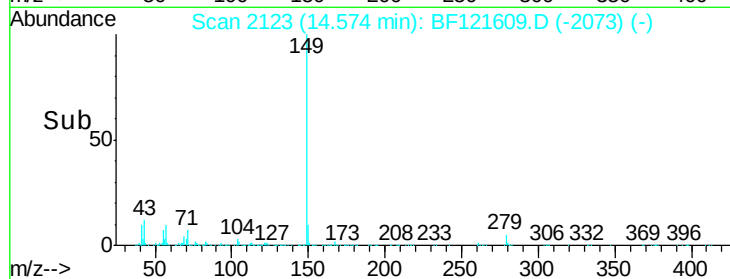
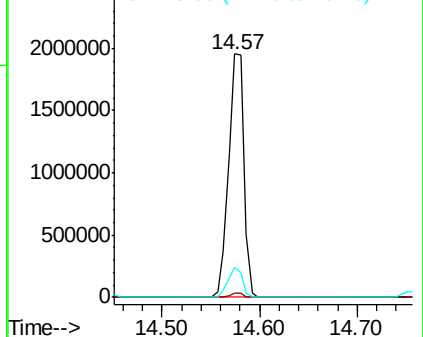
#85  
Di-n-octyl phthalate  
Concen: 47.915 ng  
RT: 14.57 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 2129707  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.6 9.4 14.0

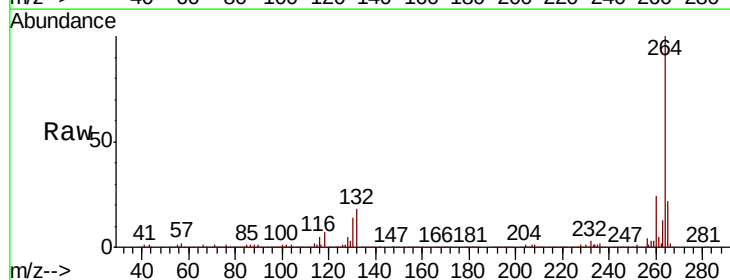


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

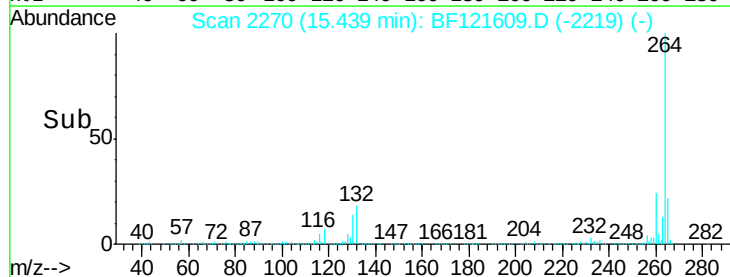
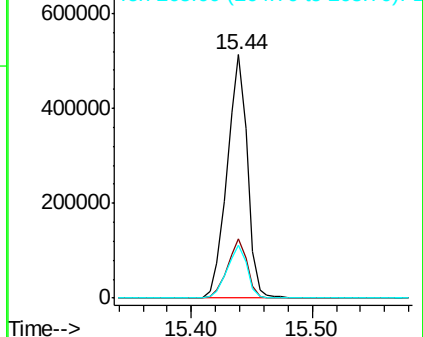


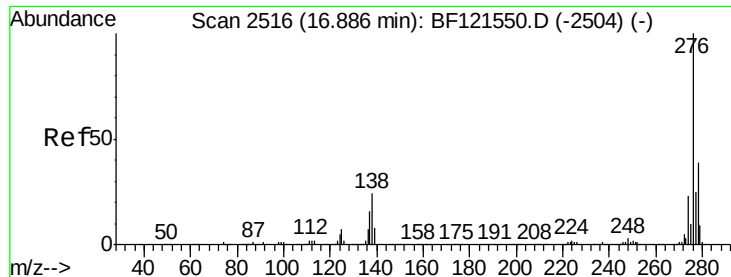
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.44 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion:264 Resp: 595428  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.8 28.2  
265 22.0 17.8 26.6



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

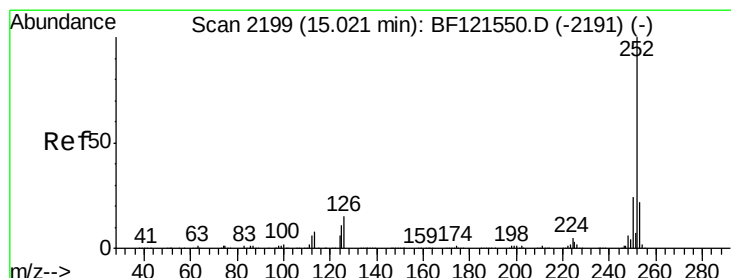
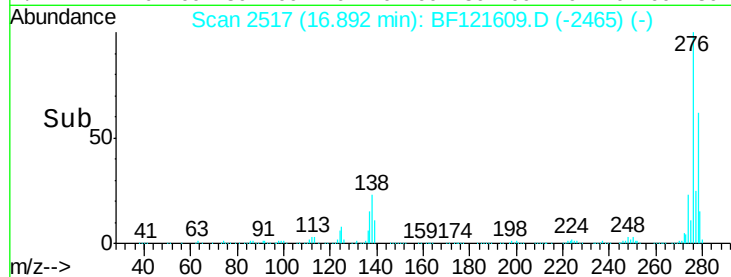
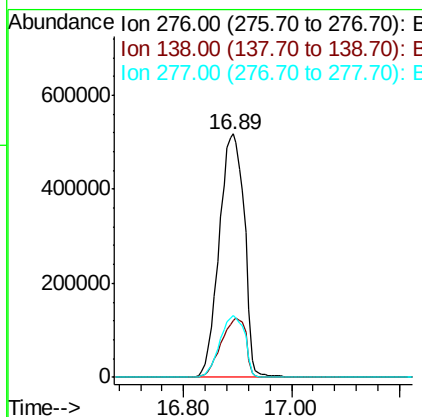
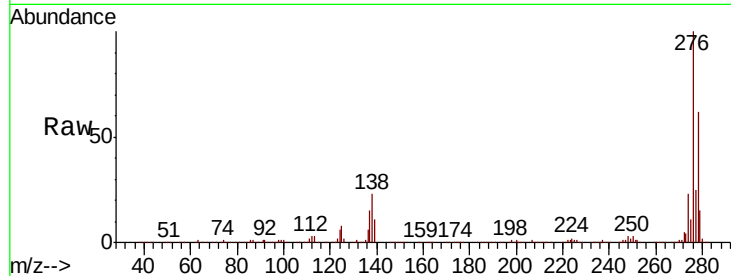




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.634 ng  
 RT: 16.89 min Scan# 2517  
 Delta R.T. 0.01 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

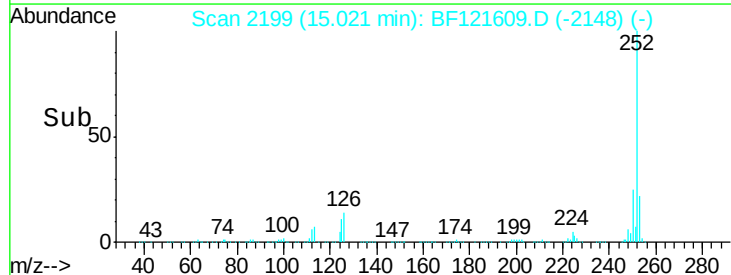
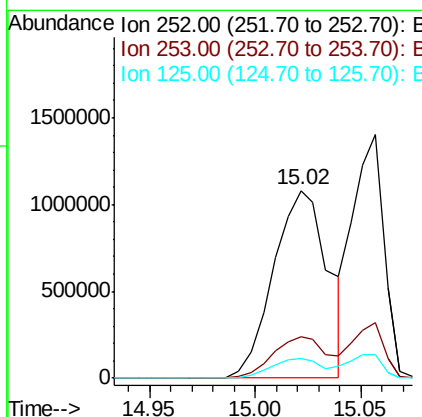
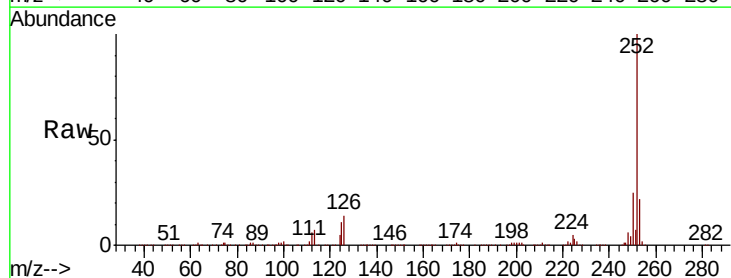
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:276 Resp: 1691948  
 Ion Ratio Lower Upper  
 276 100  
 138 24.2 20.6 31.0  
 277 25.3 20.2 30.4

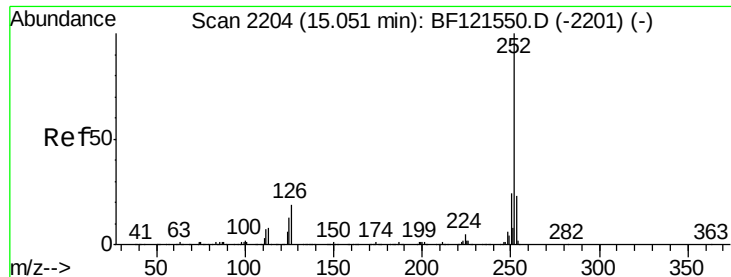


#88  
 Benzo(b)fluoranthene  
 Concen: 48.831 ng  
 RT: 15.02 min Scan# 2199  
 Delta R.T. 0.00 min  
 Lab File: BF121609.D  
 Acq: 18 Sep 2020 10:32

Tgt Ion:252 Resp: 1943711  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.9 26.9  
 125 10.6 9.2 13.8







#89

Benzo(k)fluoranthene

Concen: 53.324 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.03 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

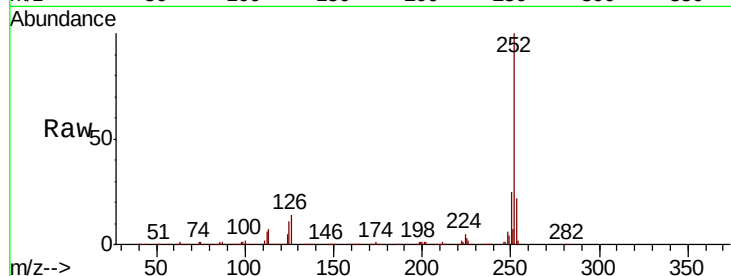
Tot Ion:252 Resp: 1943711

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

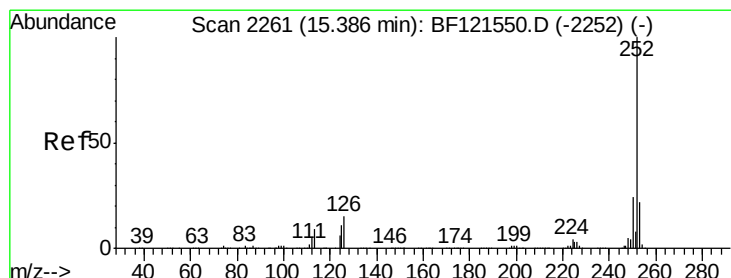
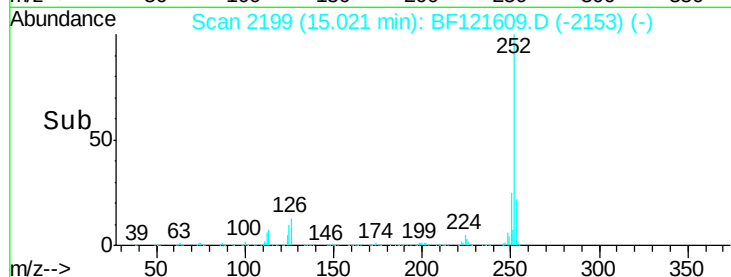
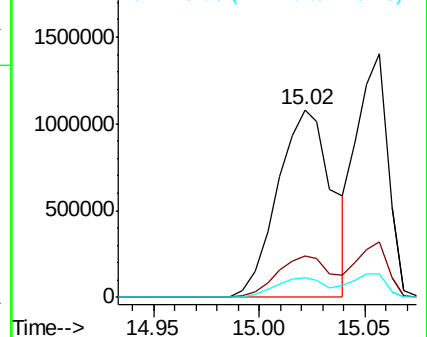
125 10.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.869 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF121609.D

Acq: 18 Sep 2020 10:32

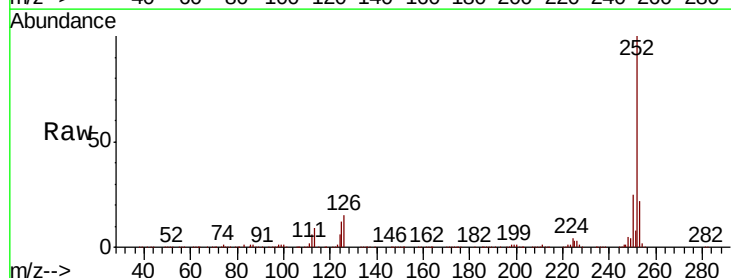
Tgt Ion:252 Resp: 1518170

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

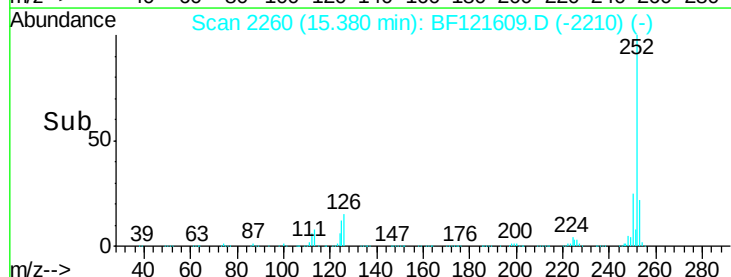
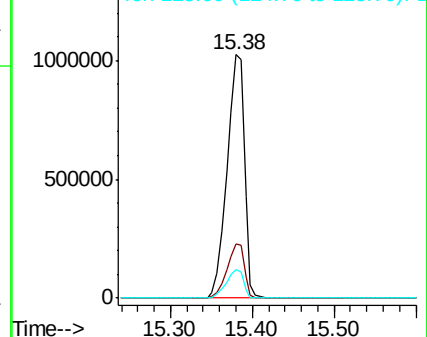
125 11.9 9.0 13.4

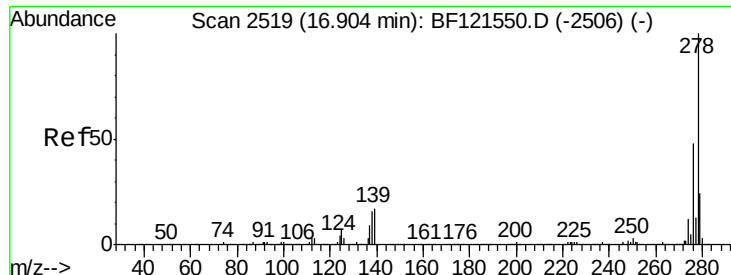


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



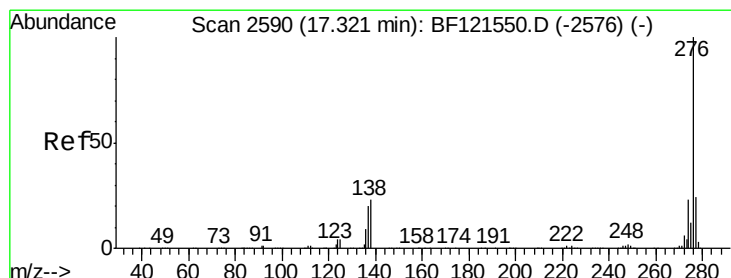
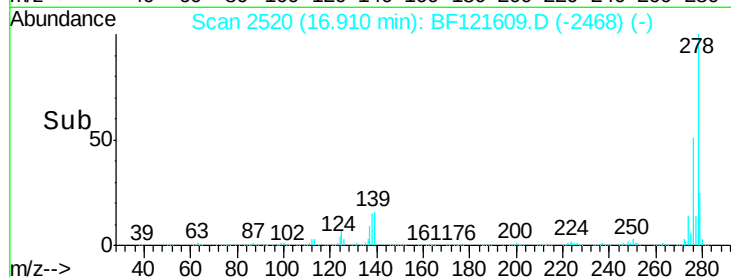
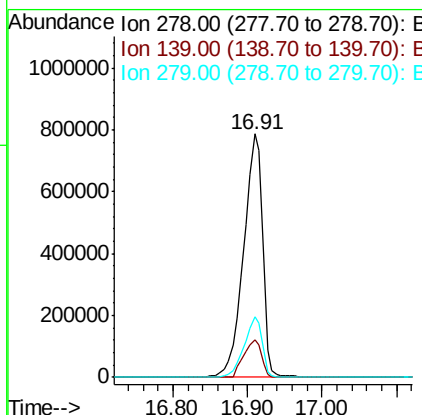
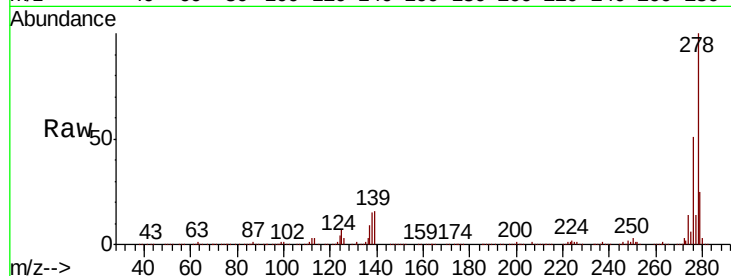


#91  
Dibenzo(a,h)anthracene  
Concen: 42.884 ng  
RT: 16.91 min Scan# 2520  
Delta R.T. 0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:278 Resp: 1384224  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.5  | 13.9  | 20.9  |
| 279 | 24.7  | 19.2  | 28.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 43.380 ng  
RT: 17.33 min Scan# 2591  
Delta R.T. 0.01 min  
Lab File: BF121609.D  
Acq: 18 Sep 2020 10:32

Tgt Ion:276 Resp: 1376411  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 19.4  | 29.0  |
| 138 | 20.7  | 18.7  | 28.1  |

