

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\  
 Data File : BF120581.D  
 Acq On : 9 Jun 2020 15:38  
 Operator : JU/CG  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Jun 09 16:17:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 09 14:52:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 180070   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 667285   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.85  | 164  | 365318   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 712967   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.97 | 240  | 596038   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.41 | 264  | 660094   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 1075665 | 113.84 | ng | 0.00 |
| 7) Phenol-d6             | 6.45  | 99  | 1286364 | 110.45 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 1295724 | 127.02 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.63 | 330 | 422685  | 124.88 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.16  | 172 | 2103306 | 97.69  | ng | 0.00 |
| 79) Terphenyl-d14        | 12.92 | 244 | 2573095 | 96.06  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.51 | 88  | 302330  | 64.593 | ng | 100    |
| 3) Pyridine                    | 3.25 | 79  | 795161  | 61.341 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.21 | 42  | 336925  | 61.418 | ng | 95     |
| 6) Aniline                     | 6.47 | 93  | 860282  | 52.976 | ng | 95     |
| 8) 2-Chlorophenol              | 6.59 | 128 | 588682  | 55.253 | ng | 98     |
| 9) Benzaldehyde                | 6.35 | 77  | 315490  | 44.447 | ng | 99     |
| 10) Phenol                     | 6.46 | 94  | 737590  | 57.915 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 592135  | 55.638 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 641655  | 54.819 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 645233  | 55.251 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 570274  | 52.869 | ng | 99     |
| 15) Benzyl Alcohol             | 6.95 | 79  | 481711  | 54.870 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 929653  | 55.409 | ng | 98     |
| 17) 2-Methylphenol             | 7.06 | 107 | 492404  | 51.685 | ng | 99     |
| 18) Hexachloroethane           | 7.32 | 117 | 256320  | 59.961 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.23 | 70  | 409471  | 55.310 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.22 | 107 | 591363  | 49.135 | ng | 97     |
| 22) Acetophenone               | 7.22 | 105 | 771063  | 56.896 | ng | # 97   |
| 24) Nitrobenzene               | 7.39 | 77  | 682148  | 62.077 | ng | 99     |
| 25) Isophorone                 | 7.63 | 82  | 1316871 | 64.229 | ng | 100    |
| 26) 2-Nitrophenol              | 7.70 | 139 | 352479  | 71.144 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.75 | 122 | 523576  | 60.852 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 770274  | 62.385 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.95 | 162 | 532405  | 61.262 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 593599  | 60.865 | ng | 99     |
| 31) Naphthalene                | 8.11 | 128 | 1671065 | 57.021 | ng | 99     |
| 32) Benzoic acid               | 7.89 | 122 | 466962  | 73.136 | ng | 97     |
| 33) 4-Chloroaniline            | 8.16 | 127 | 745863  | 57.426 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 329083  | 56.926 | ng | 99     |
| 35) Caprolactam                | 8.55 | 113 | 151511  | 53.832 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.65 | 107 | 523073  | 59.325 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.80 | 142 | 1128527 | 58.138 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.90 | 142 | 1062574 | 57.993 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 539264  | 57.562 | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\  
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 Operator : JU/CG  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

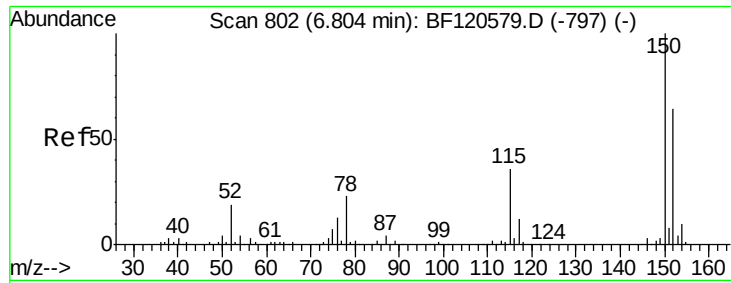
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Quant Time: Jun 09 16:17:58 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 09 14:52:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.95  | 237  | 327227   | 62.584  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.08  | 196  | 387398   | 57.176  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 436434   | 56.825  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.26  | 154  | 1338772  | 55.786  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.29  | 162  | 1094575  | 55.390  | ng    | 99       |
| 48) 2-Nitroaniline             | 9.39  | 65   | 349244   | 58.024  | ng    | 98       |
| 49) Acenaphthylene             | 9.70  | 152  | 1693471  | 55.456  | ng    | 99       |
| 50) Dimethylphthalate          | 9.57  | 163  | 1324248  | 57.983  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.63  | 165  | 305417   | 60.175  | ng    | 97       |
| 52) Acenaphthene               | 9.87  | 154  | 1001052  | 52.524  | ng    | 100      |
| 53) 3-Nitroaniline             | 9.80  | 138  | 358386   | 60.131  | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.90  | 184  | 182020   | 105.793 | ng    | 100      |
| 55) Dibenzofuran               | 10.05 | 168  | 1509104  | 54.488  | ng    | 100      |
| 56) 4-Nitrophenol              | 9.96  | 139  | 268333   | 58.806  | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 10.03 | 165  | 397502   | 61.194  | ng    | 95       |
| 58) Fluorene                   | 10.39 | 166  | 1104294  | 53.132  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 339915   | 56.796  | ng    | 98       |
| 60) Diethylphthalate           | 10.27 | 149  | 1285263  | 55.689  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.38 | 204  | 576836   | 51.191  | ng    | 97       |
| 62) 4-Nitroaniline             | 10.42 | 138  | 360822   | 64.127  | ng    | 98       |
| 63) Azobenzene                 | 10.55 | 77   | 1179830  | 54.348  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 236077   | 90.781  | ng    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.50 | 169  | 1071621  | 54.109  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.87 | 248  | 405015   | 56.277  | ng    | 97       |
| 68) Hexachlorobenzene          | 10.94 | 284  | 430781   | 56.207  | ng    | 97       |
| 69) Atrazine                   | 11.03 | 200  | 291475   | 52.215  | ng    | 98       |
| 70) Pentachlorophenol          | 11.13 | 266  | 255816   | 54.592  | ng    | 99       |
| 71) Phenanthrene               | 11.35 | 178  | 1734605  | 55.215  | ng    | 99       |
| 72) Anthracene                 | 11.40 | 178  | 1759265  | 55.813  | ng    | 99       |
| 73) Carbazole                  | 11.56 | 167  | 1824105  | 59.831  | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.89 | 149  | 1883964  | 53.122  | ng    | 99       |
| 75) Fluoranthene               | 12.54 | 202  | 2020420  | 59.770  | ng    | 99       |
| 77) Benzidine                  | 12.66 | 184  | 777392   | 49.640  | ng    | 96       |
| 78) Pyrene                     | 12.77 | 202  | 2101615  | 50.701  | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.39 | 149  | 933216   | 53.928  | ng    | 98       |
| 81) Benzo(a)anthracene         | 13.96 | 228  | 1767670  | 55.336  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.92 | 252  | 648567   | 55.923  | ng    | 100      |
| 83) Chrysene                   | 14.00 | 228  | 1796809  | 53.653  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 1143092  | 56.272  | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.56 | 149  | 1940312  | 55.202  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 1997718  | 55.333  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.99 | 252  | 1928616  | 52.603  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.03 | 252  | 1556104  | 45.464  | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.35 | 252  | 1752574  | 54.649  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 1584148  | 53.819  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.28 | 276  | 1607433  | 55.370  | ng    | 99       |

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



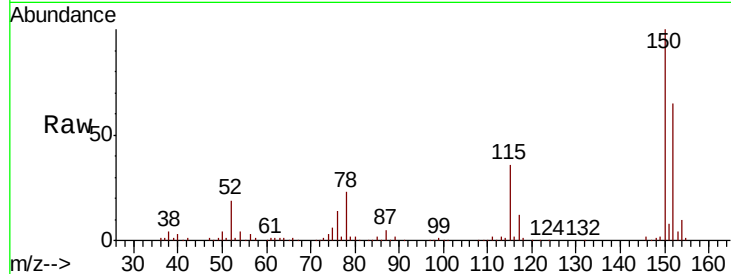


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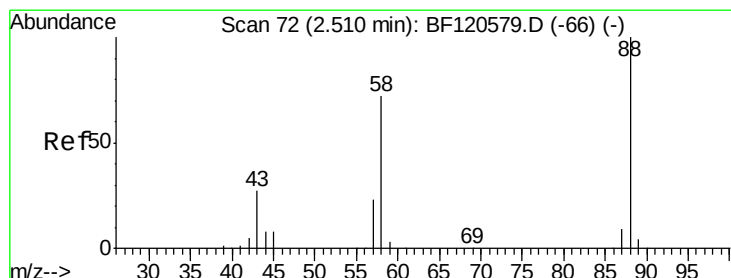
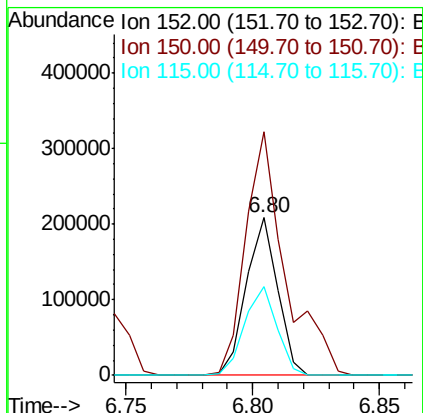
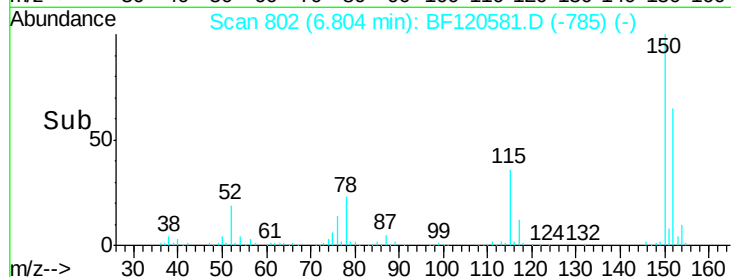
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:152 Resp: 180070  
Ion Ratio Lower Upper  
152 100  
150 154.8 125.4 188.0  
115 56.4 45.5 68.3



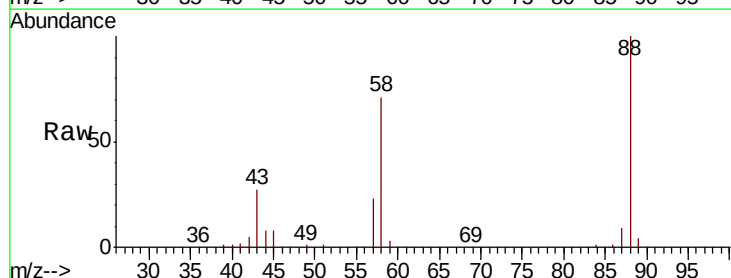
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



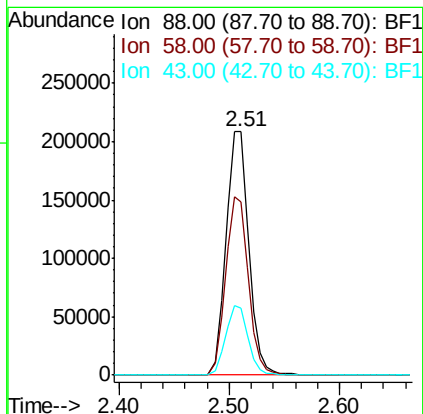
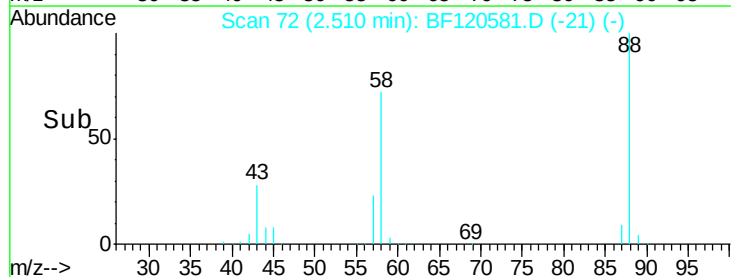
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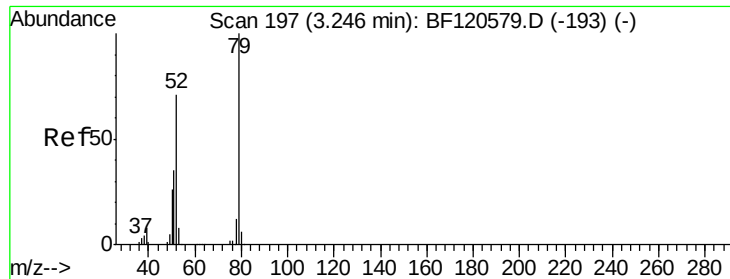
1,4-Dioxane  
Concen: 64.593 ng  
RT: 2.51 min Scan# 72  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion: 88 Resp: 302330  
Ion Ratio Lower Upper  
88 100  
58 73.0 58.2 87.2  
43 28.0 22.2 33.2



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





#3

Pvridine

Concen: 61.341 ng

RT: 3.25 min Scan# 197

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

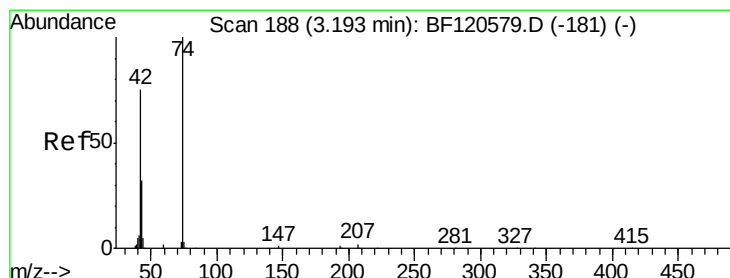
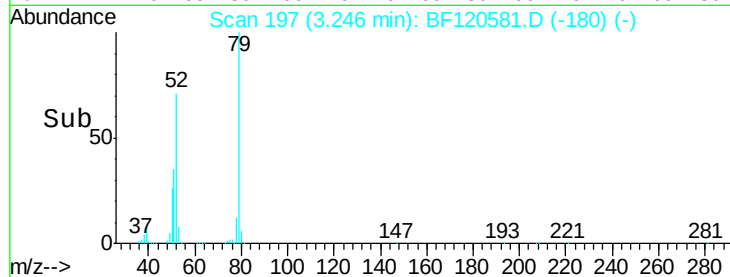
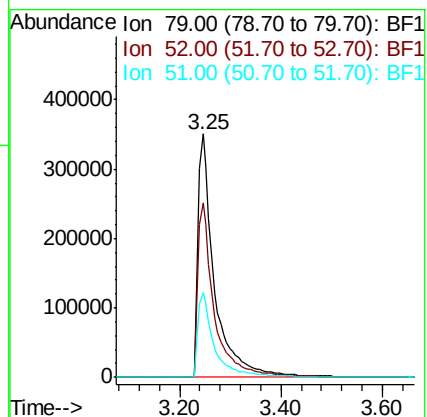
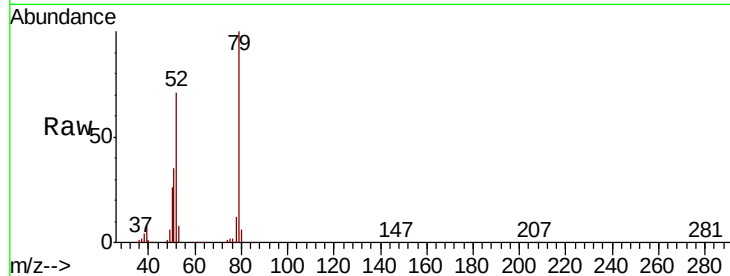
Tot Ion: 79 Resp: 795161

Ion Ratio Lower Upper

79 100

52 71.5 57.2 85.8

51 34.8 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 61.418 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.02 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

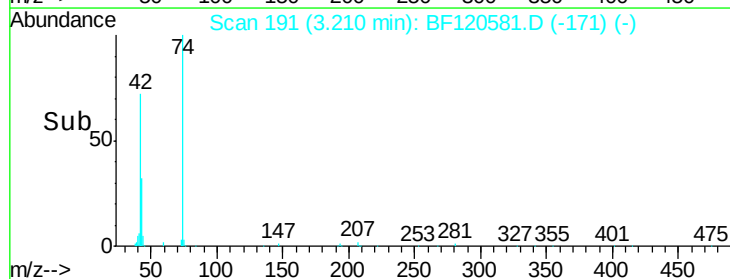
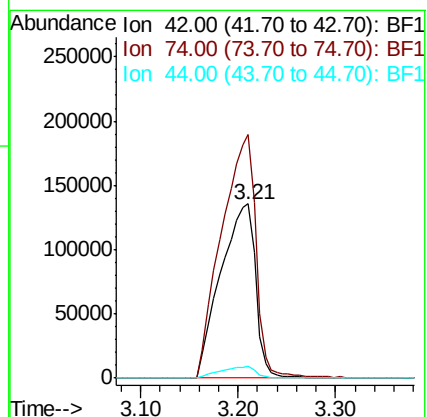
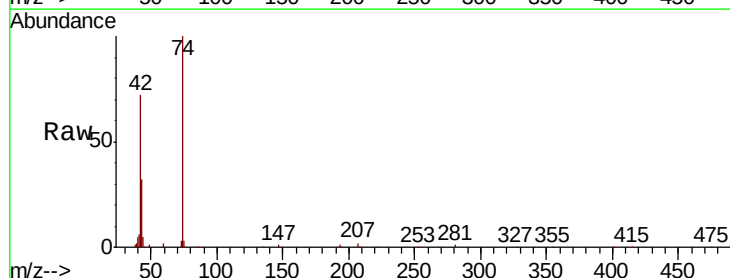
Tgt Ion: 42 Resp: 336925

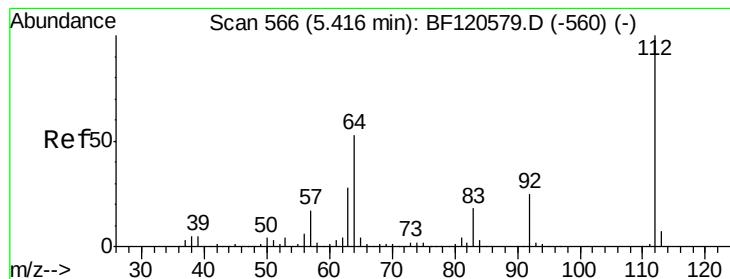
Ion Ratio Lower Upper

42 100

74 139.8 106.9 160.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 113.842 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

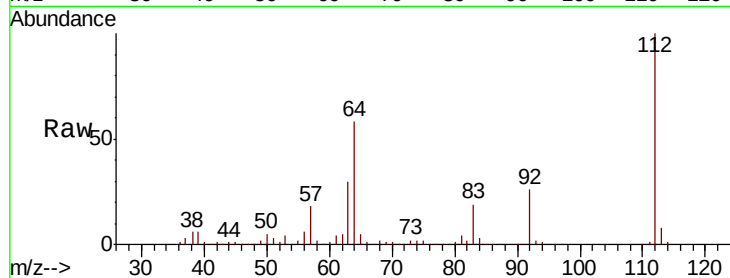
Tot Ion:112 Resp: 1075665

Ion Ratio Lower Upper

112 100

64 58.3 42.7 64.1

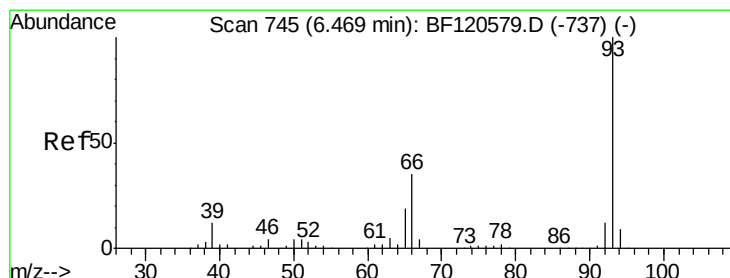
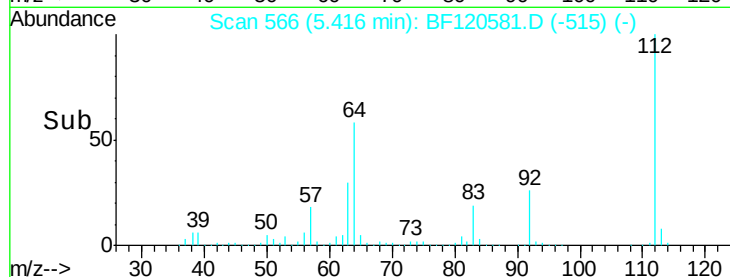
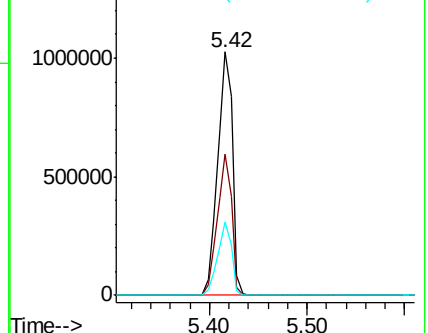
63 30.0 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 52.976 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

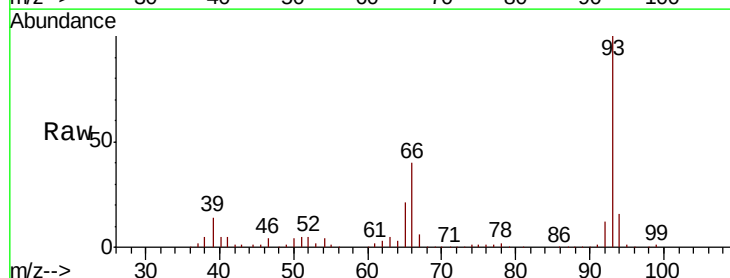
Tgt Ion: 93 Resp: 860282

Ion Ratio Lower Upper

93 100

66 39.7 29.1 43.7

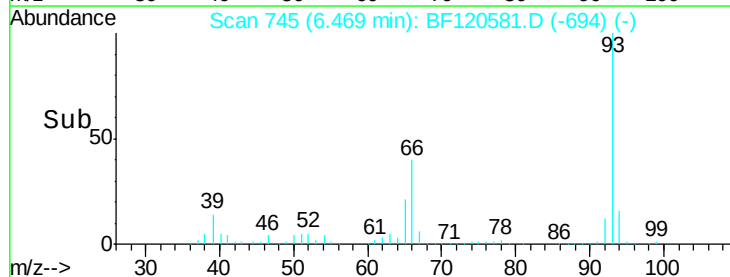
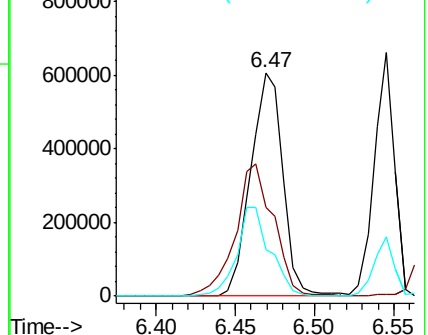
65 20.7 15.2 22.8

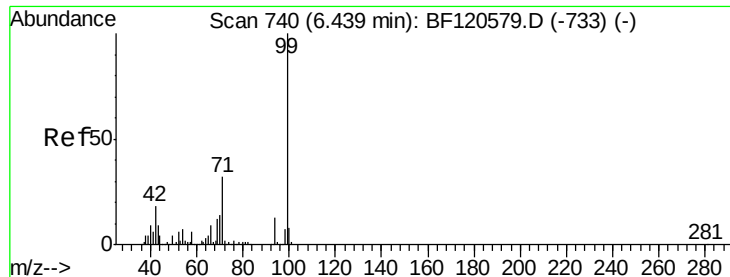


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.453 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

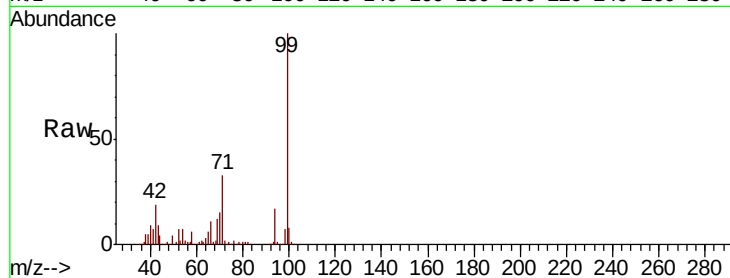
Tot Ion: 99 Resp: 1286364

Ion Ratio Lower Upper

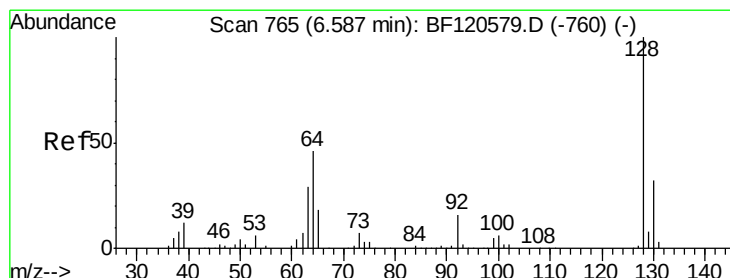
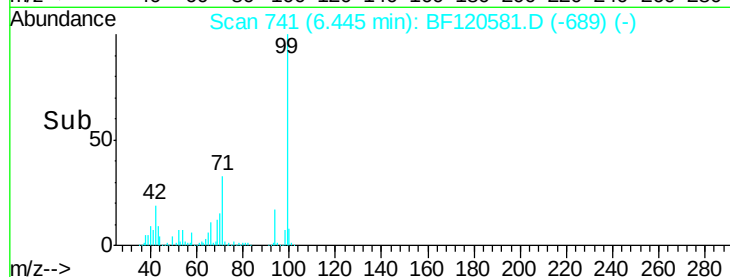
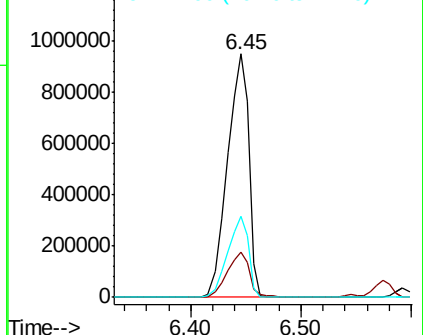
99 100

42 18.8 14.6 22.0

71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 55.253 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

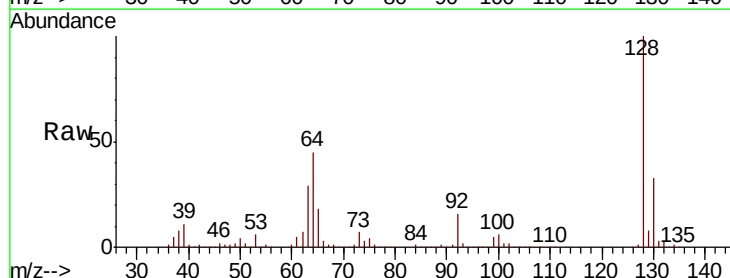
Tgt Ion: 128 Resp: 588682

Ion Ratio Lower Upper

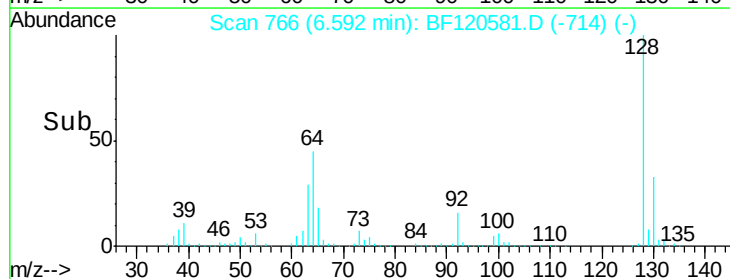
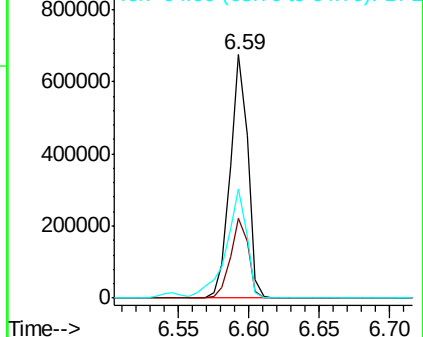
128 100

130 32.7 12.4 52.4

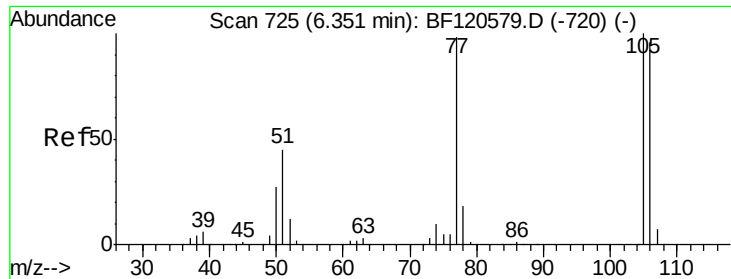
64 45.1 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1



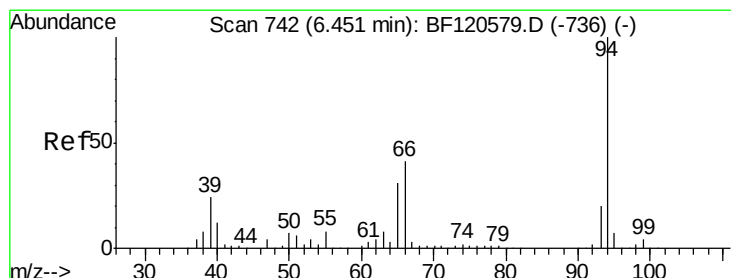
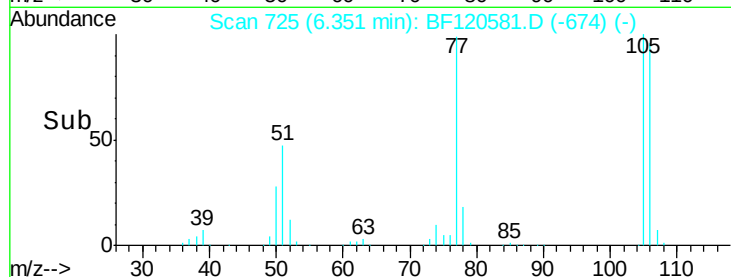
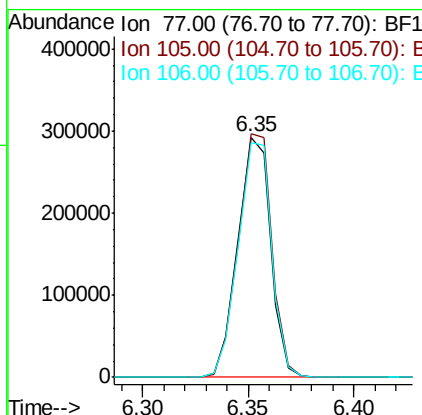
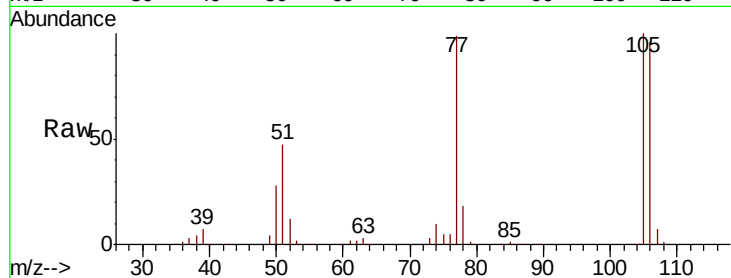




#9  
Benzaldehyde  
Concen: 44.447 ng  
RT: 6.35 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

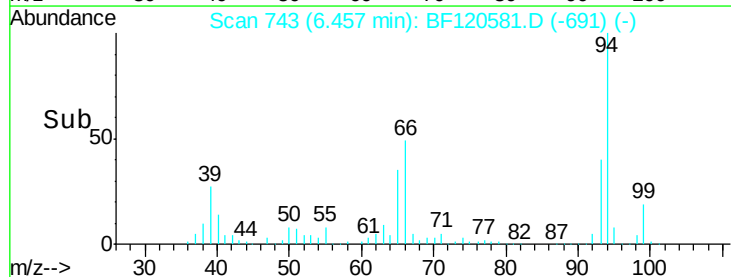
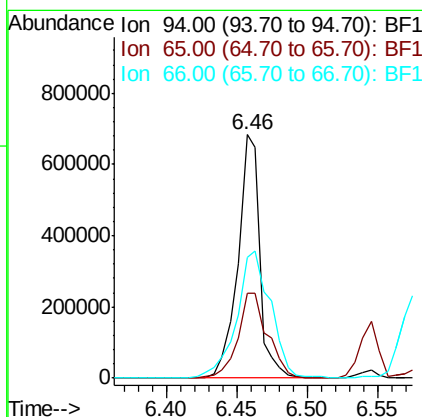
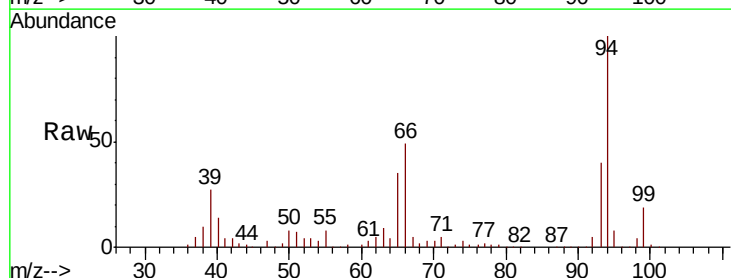
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion: 77 Resp: 315490  
Ion Ratio Lower Upper  
77 100  
105 101.3 82.2 122.2  
106 97.6 78.5 118.5

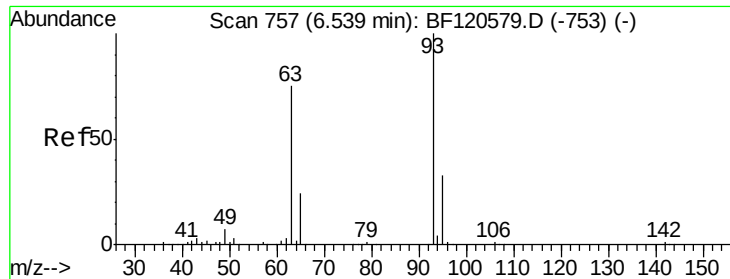


#10  
Phenol  
Concen: 57.915 ng  
RT: 6.46 min Scan# 743  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion: 94 Resp: 737590  
Ion Ratio Lower Upper  
94 100  
65 35.1 11.1 51.1  
66 49.4 21.0 61.0



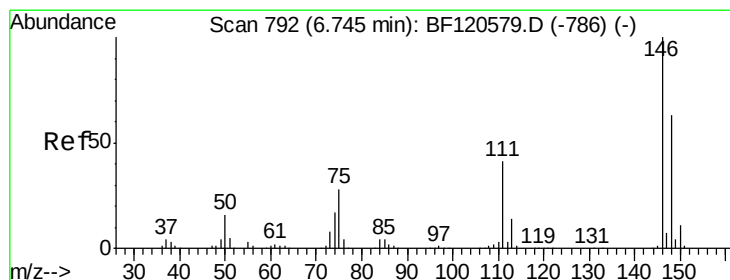
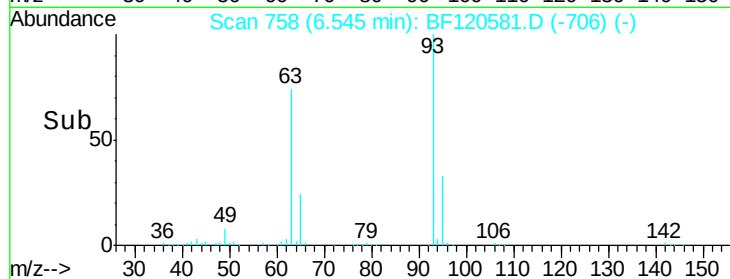
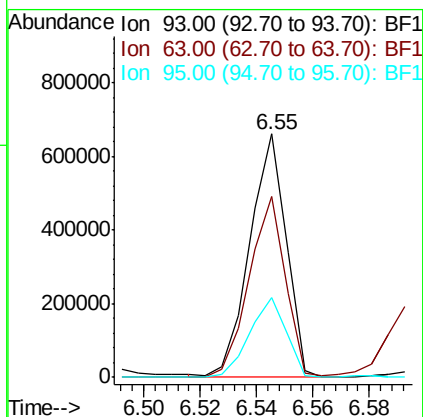
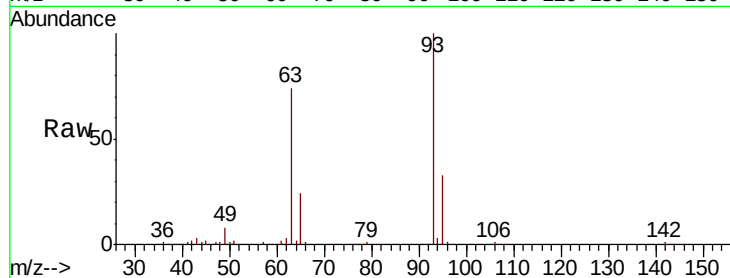




#11  
bis(2-Chloroethyl)ether  
Concen: 55.638 ng  
RT: 6.55 min Scan# 758  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

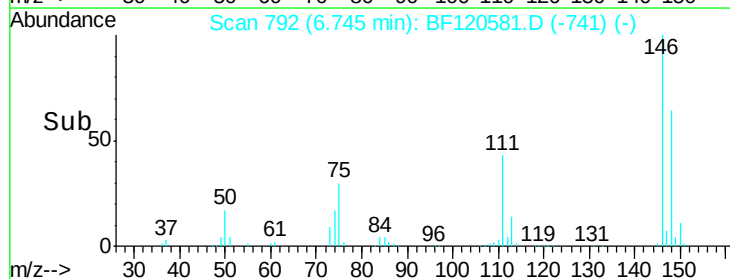
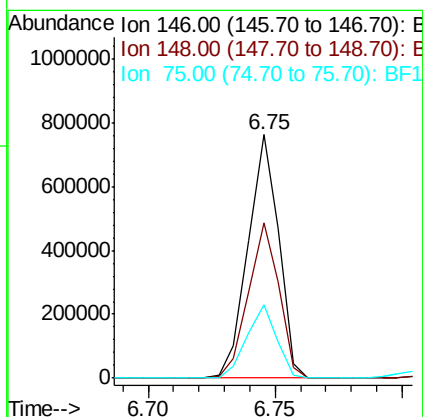
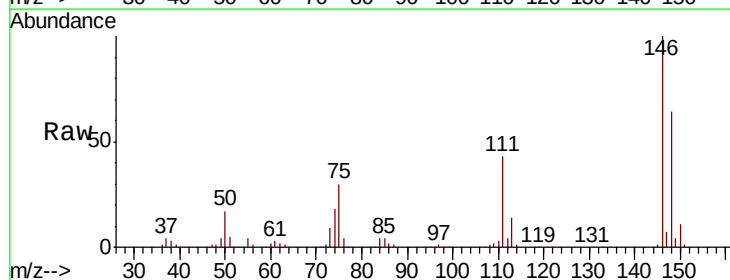
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

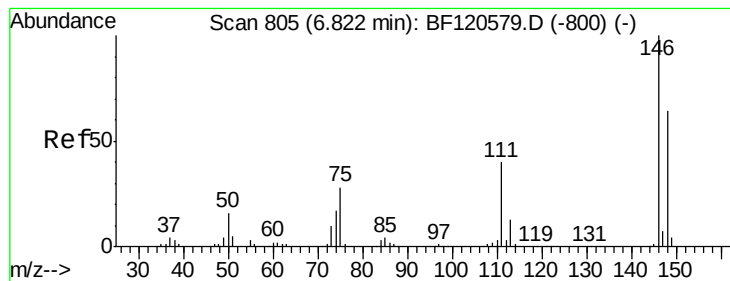
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 592135 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 74.2  | 54.6  | 94.6   |
| 95       | 32.7  | 12.8  | 52.8   |



#12  
1,3-Dichlorobenzene  
Concen: 54.819 ng  
RT: 6.75 min Scan# 792  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 641655 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 63.5  | 50.6  | 76.0   |
| 75       | 30.0  | 22.6  | 33.8   |





#13

1,4-Dichlorobenzene

Concen: 55.251 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

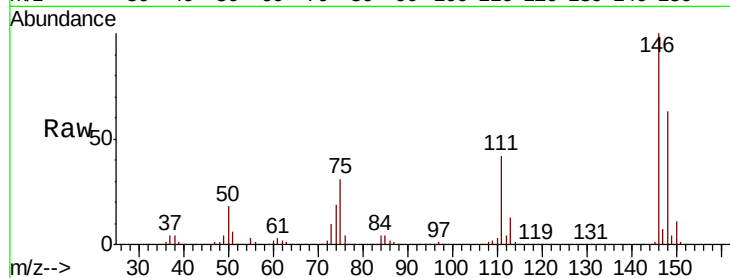
Tot Ion:146 Resp: 645233

Ion Ratio Lower Upper

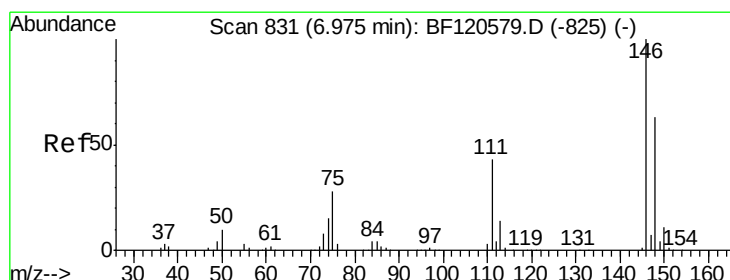
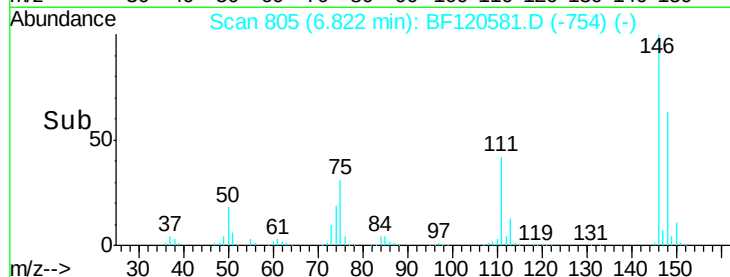
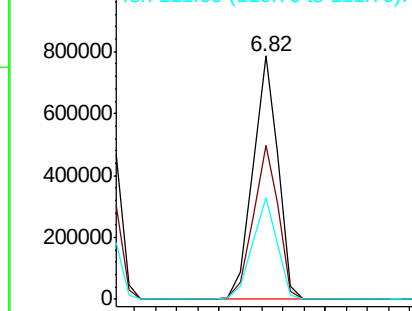
146 100

148 63.3 50.9 76.3

111 41.6 32.5 48.7



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: 52.869 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

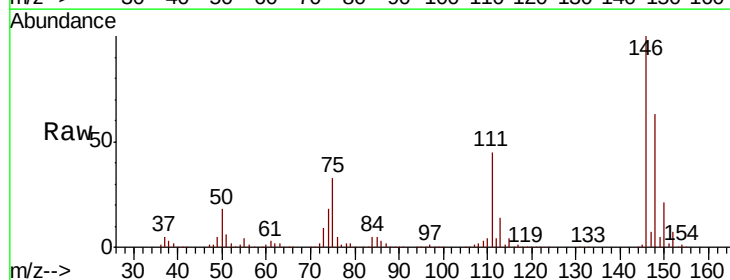
Tgt Ion:146 Resp: 570274

Ion Ratio Lower Upper

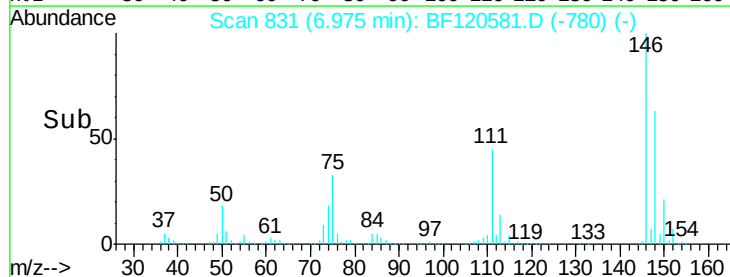
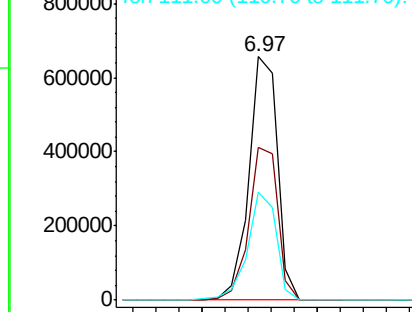
146 100

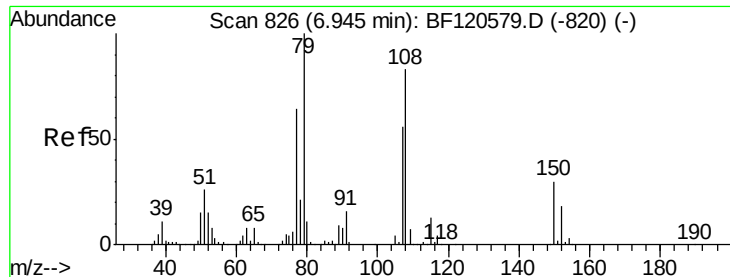
148 62.7 50.6 76.0

111 44.6 34.4 51.6



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: 54.870 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

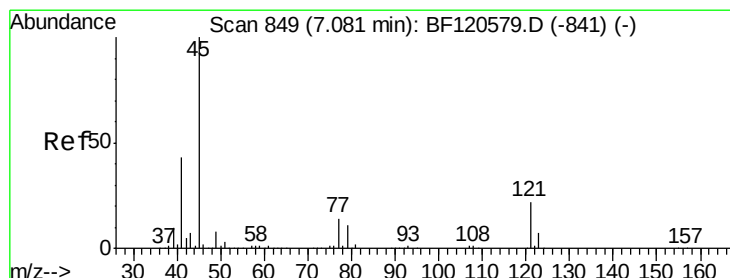
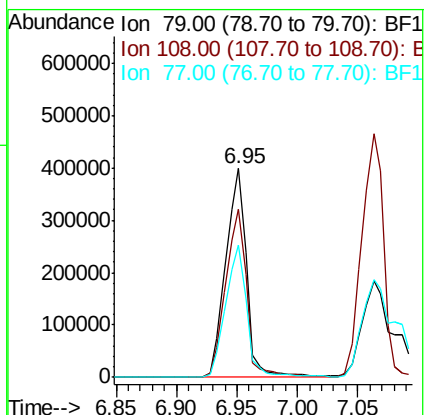
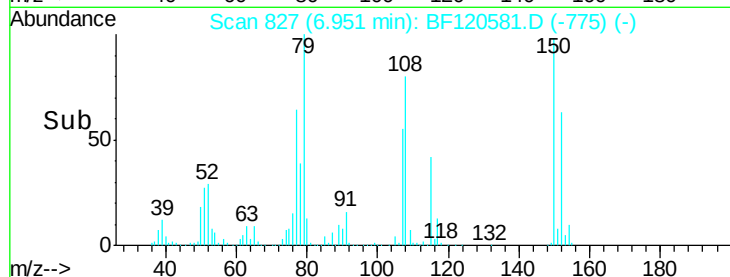
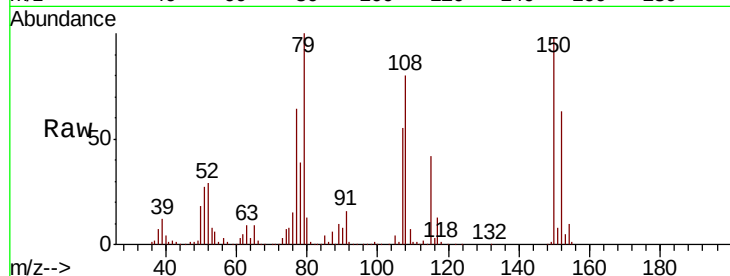
Tot Ion: 79 Resp: 481711

Ion Ratio Lower Upper

79 100

108 80.3 66.2 99.4

77 63.5 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 55.409 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

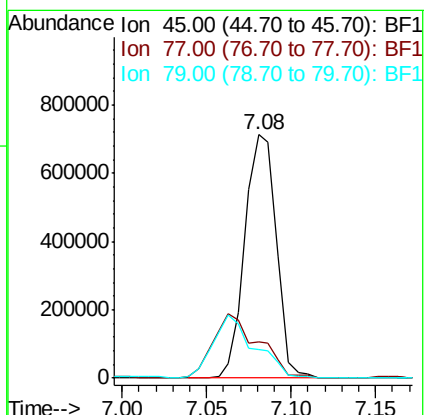
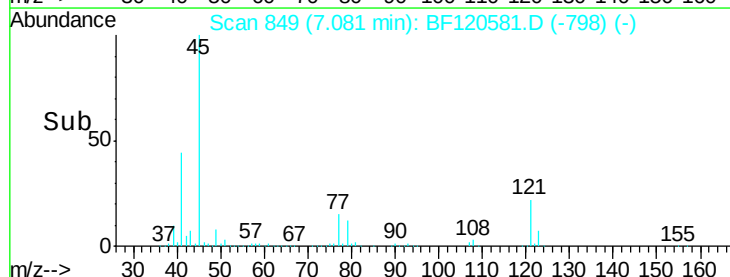
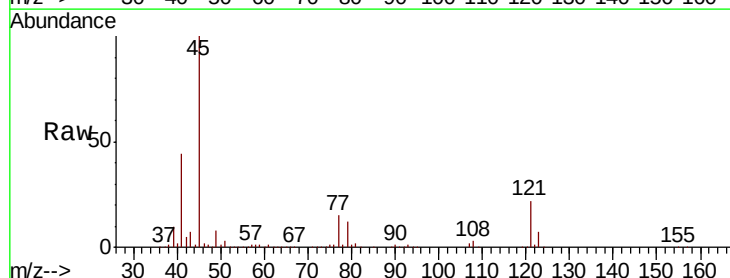
Tgt Ion: 45 Resp: 929653

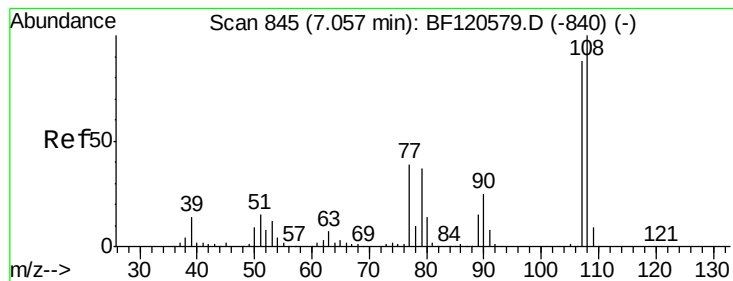
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.9

79 11.5 0.0 31.0





#17

2-Methylphenol

Concen: 51.685 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:107 Resp: 492404

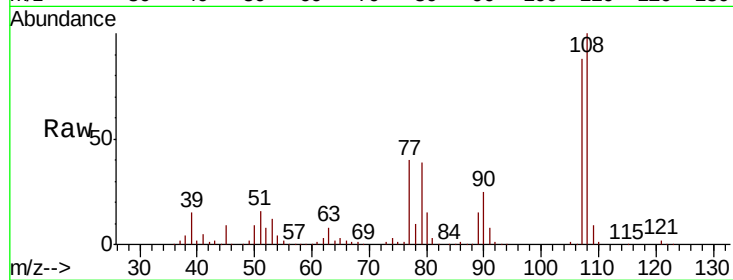
Ion Ratio Lower Upper

107 100

108 113.6 91.0 136.6

77 45.7 35.8 53.6

79 44.8 34.3 51.5

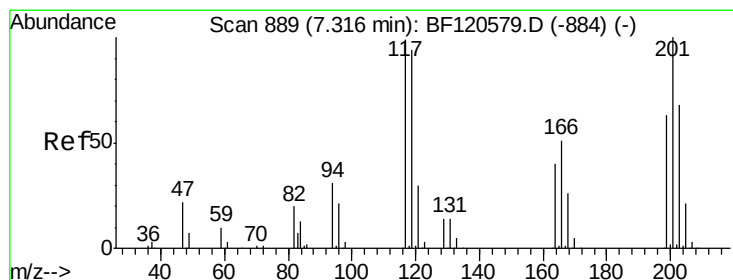
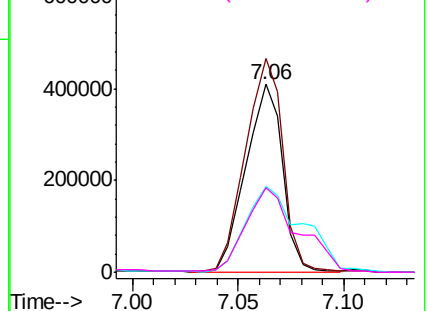
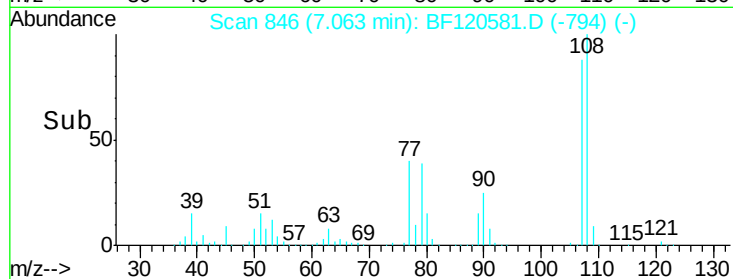


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 59.961 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

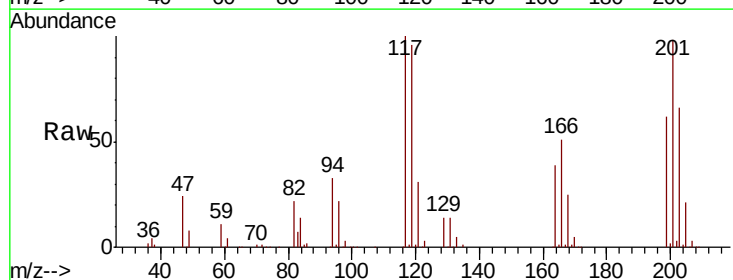
Tgt Ion:117 Resp: 256320

Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.8

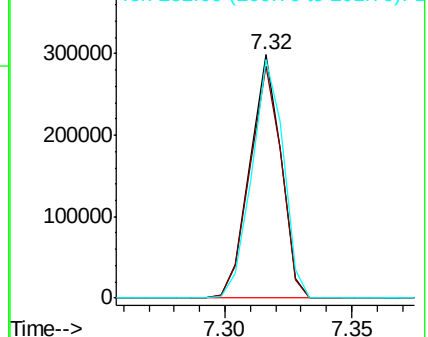
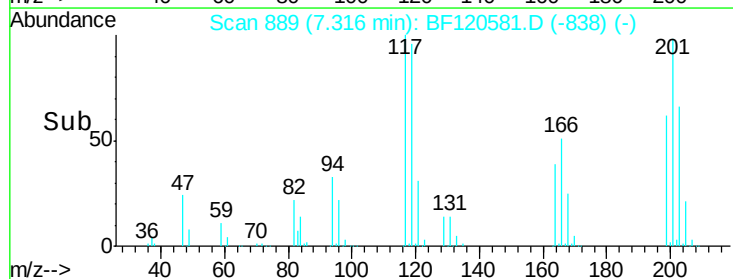
201 98.2 80.6 120.8

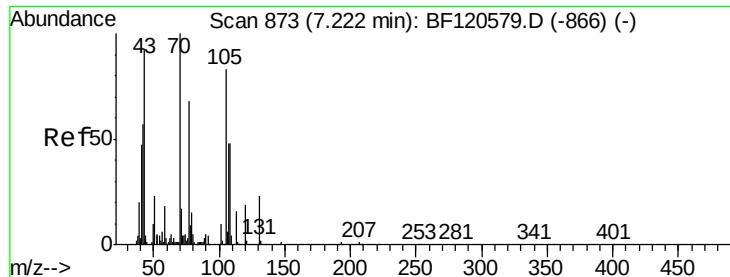


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

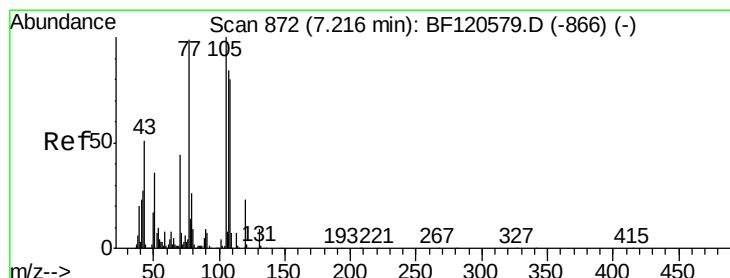
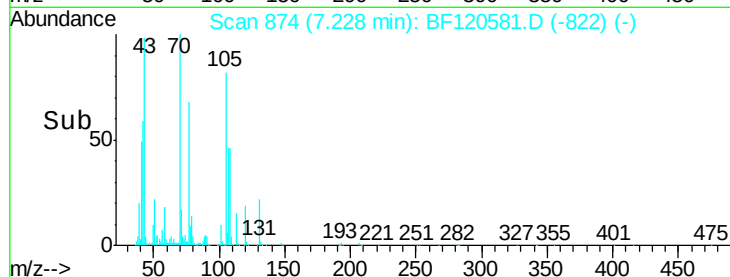
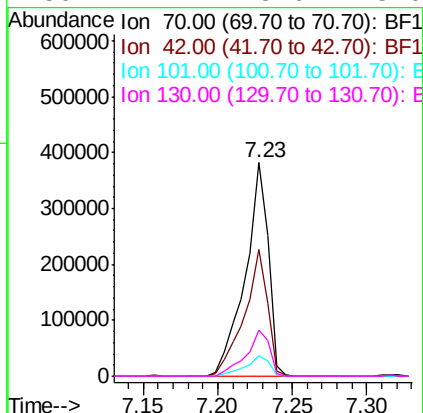
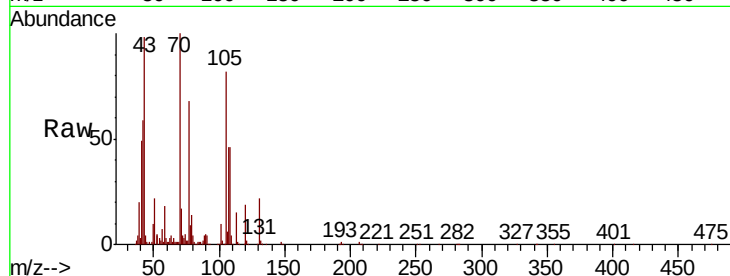




#19  
n-Nitroso-di-n-propylamine  
Concen: 55.310 ng  
RT: 7.23 min Scan# 874  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

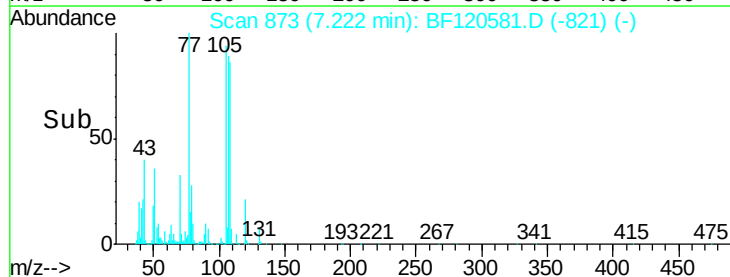
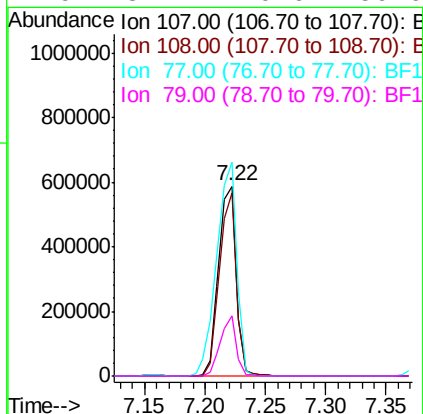
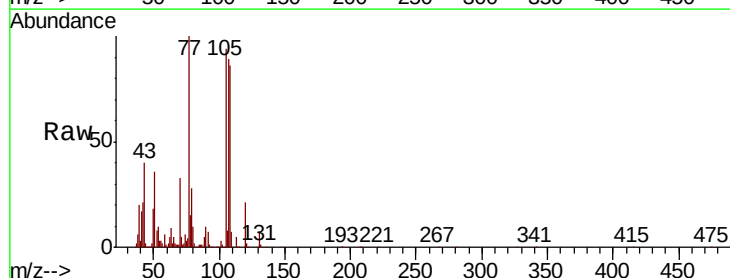
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

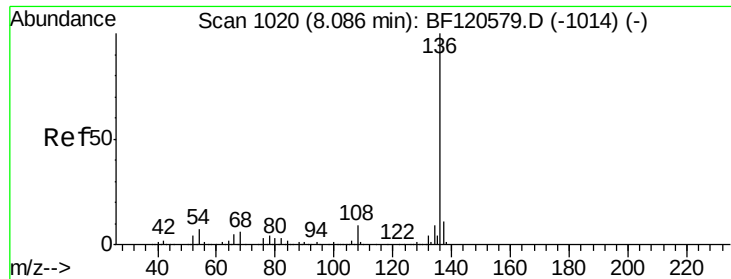
Tot Ion: 70 Resp: 409471  
Ion Ratio Lower Upper  
70 100  
42 59.4 45.8 68.6  
101 9.8 7.8 11.6  
130 21.7 18.6 28.0



#20  
3+4-Methylphenols  
Concen: 49.135 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion: 107 Resp: 591363  
Ion Ratio Lower Upper  
107 100  
108 96.4 74.9 114.9  
77 112.6 97.6 137.6  
79 31.7 10.6 50.6

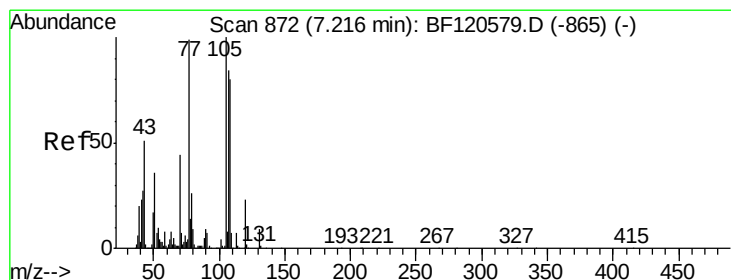
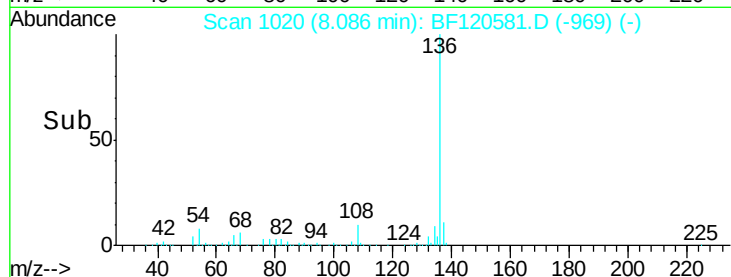
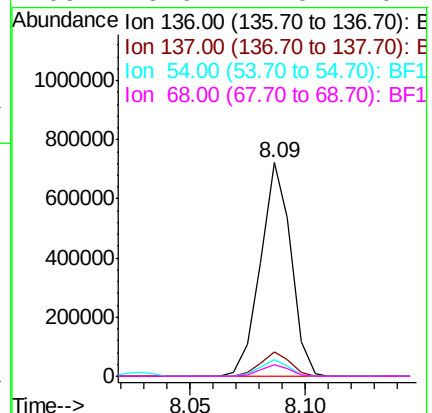
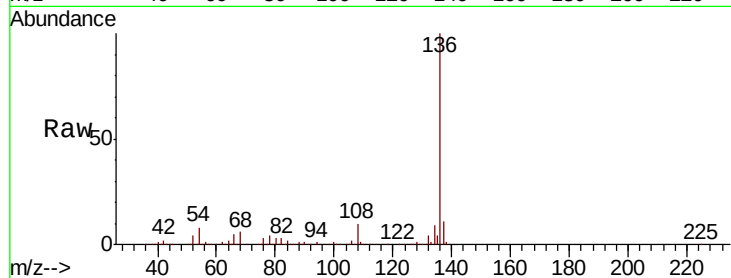




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.09 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

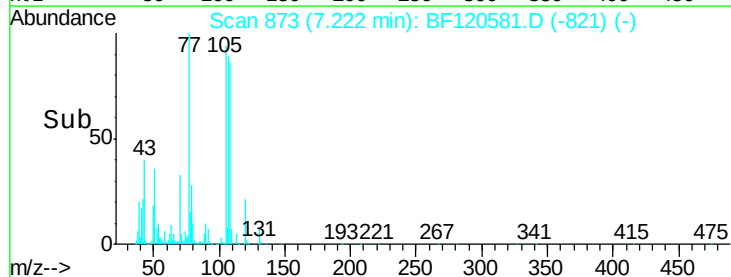
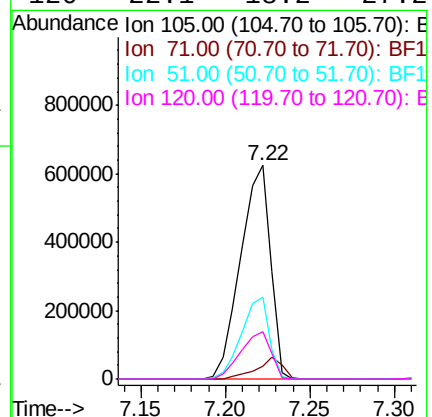
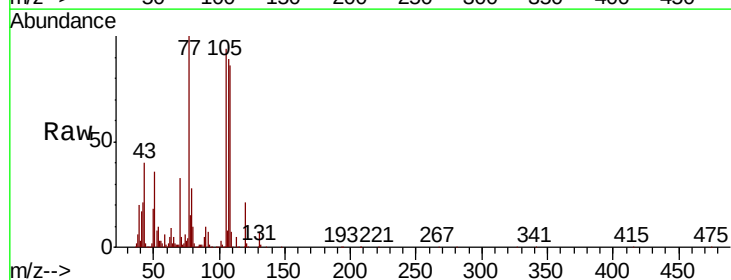
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

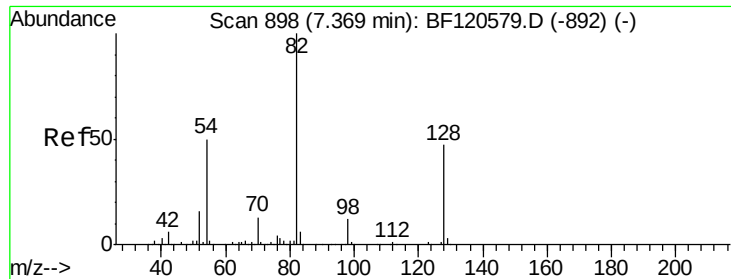
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 667285 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.1    | 8.6 13.0     |
| 54 7.7      | 5.8 8.6      |
| 68 5.6      | 4.5 6.7      |



#22  
Acetophenone  
Concen: 56.896 ng  
RT: 7.22 min Scan# 873  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 771063 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 5.8     | 5.8   | 8.8#   |
| 51  | 38.5    | 28.7  | 43.1   |
| 120 | 22.1    | 18.2  | 27.2   |



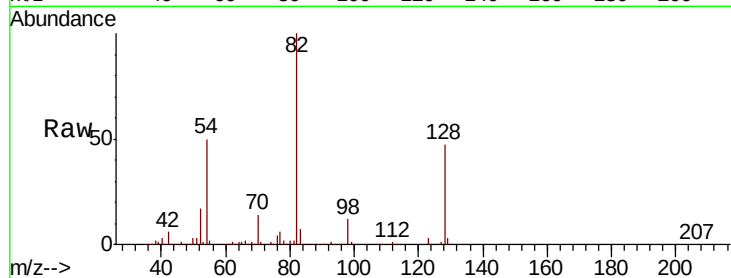


#23  
 Nitrobenzene-d5  
 Concen: 127.018 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

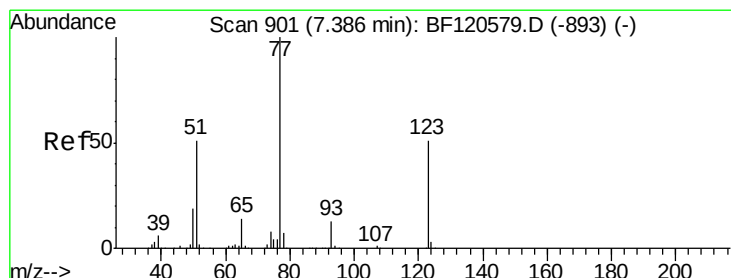
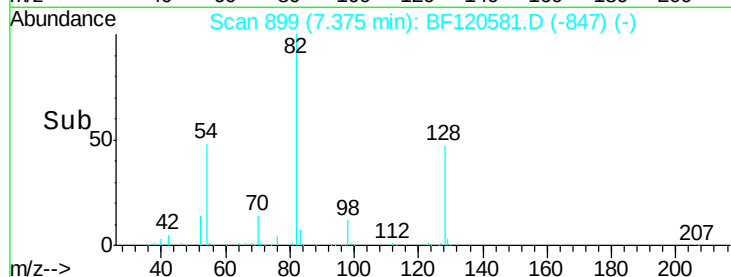
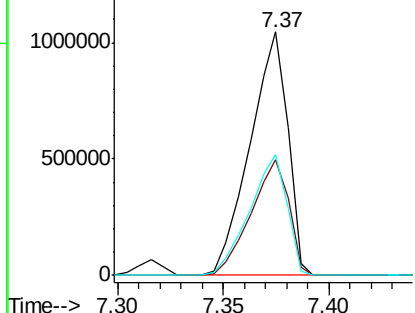
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion: 82 Resp: 1295724  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.3  | 37.5  | 56.3  |
| 54  | 49.7  | 39.8  | 59.6  |



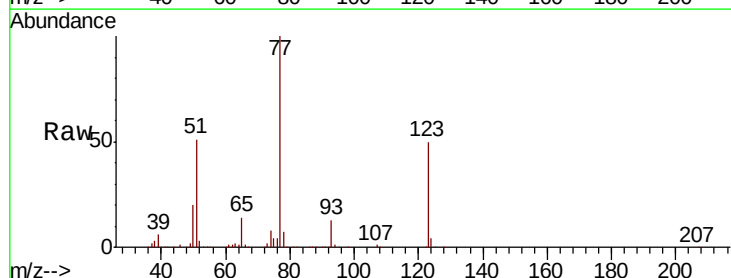
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



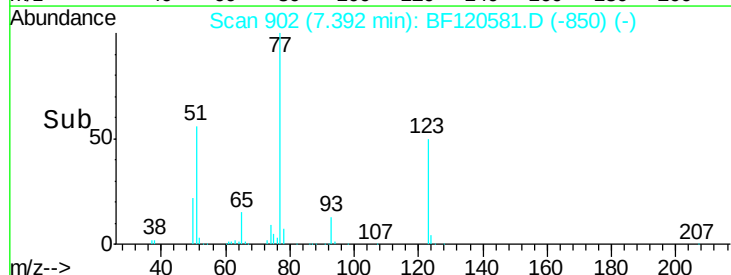
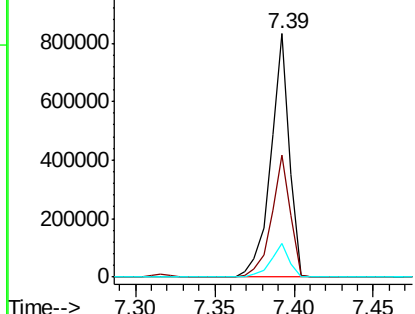
#24  
 Nitrobenzene  
 Concen: 62.077 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

Tgt Ion: 77 Resp: 682148  

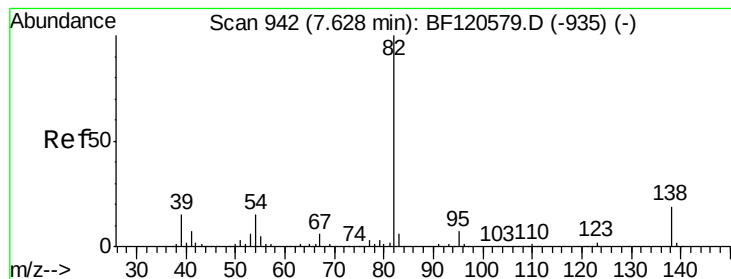
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 50.1  | 40.5  | 60.7  |
| 65  | 13.6  | 10.9  | 16.3  |



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: 64.229 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

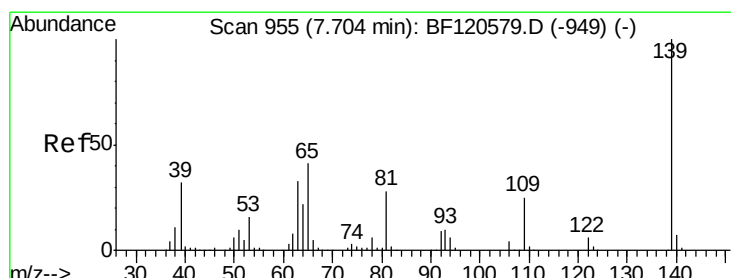
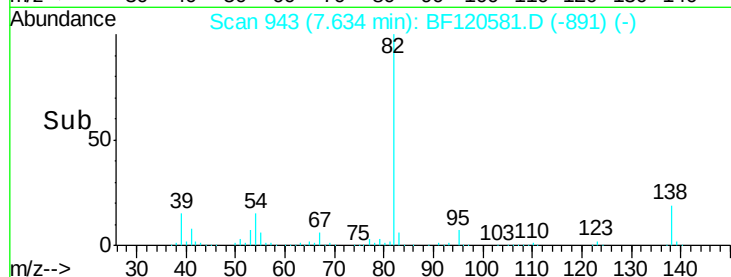
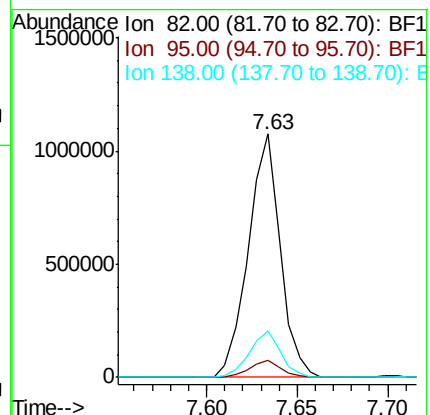
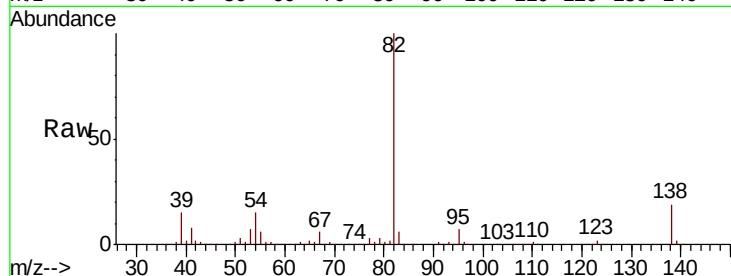
Tot Ion: 82 Resp: 1316871

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

138 19.3 15.4 23.2



#26

2-Nitrophenol

Concen: 71.144 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

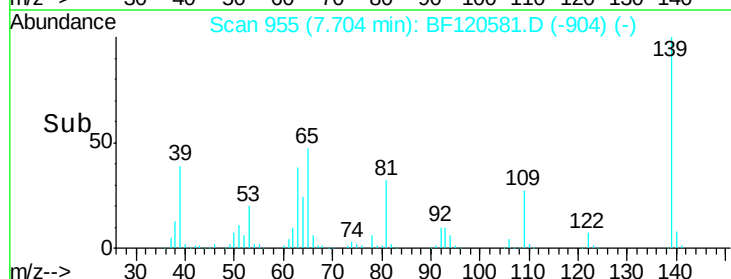
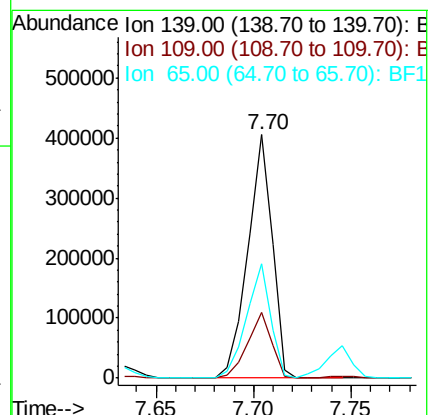
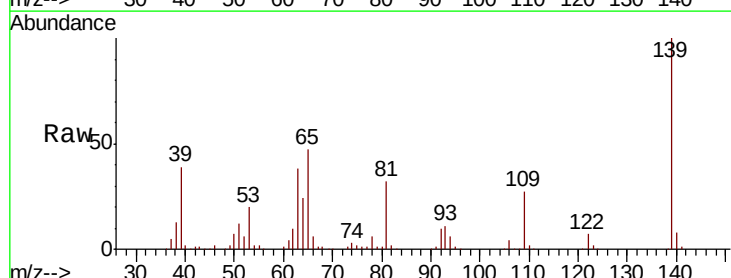
Tgt Ion: 139 Resp: 352479

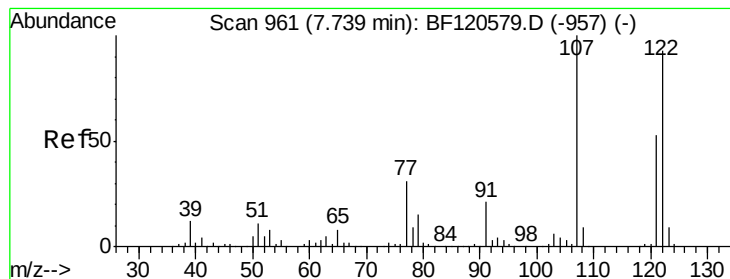
Ion Ratio Lower Upper

139 100

109 27.1 20.2 30.2

65 46.8 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 60.852 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

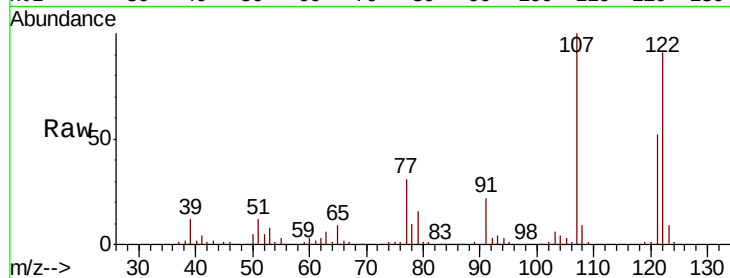
Tot Ion:122 Resp: 523576

Ion Ratio Lower Upper

122 100

107 110.1 86.3 129.5

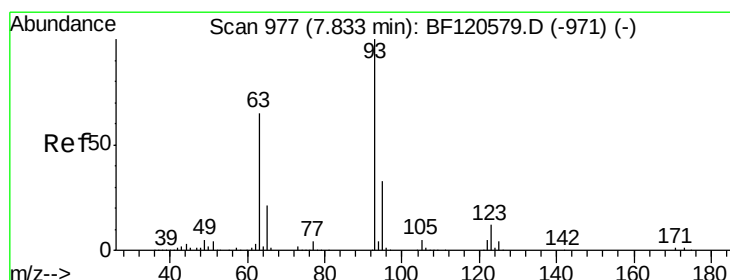
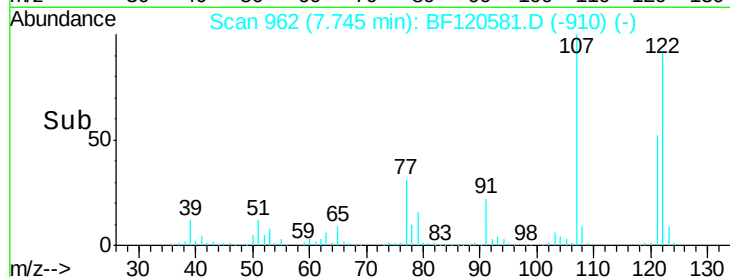
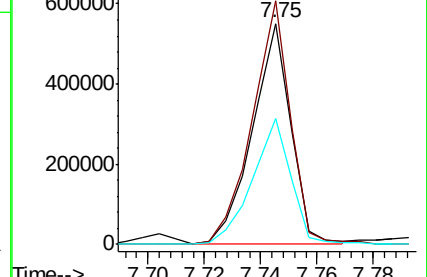
121 57.1 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 62.385 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

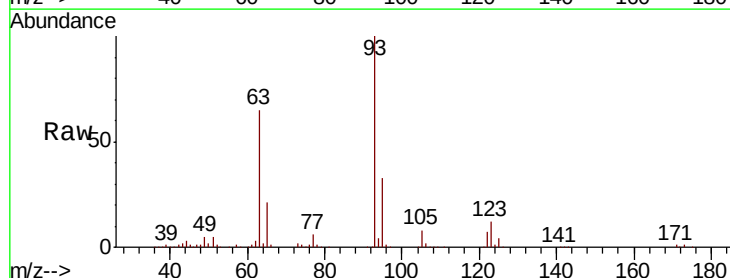
Tgt Ion: 93 Resp: 770274

Ion Ratio Lower Upper

93 100

95 33.1 26.1 39.1

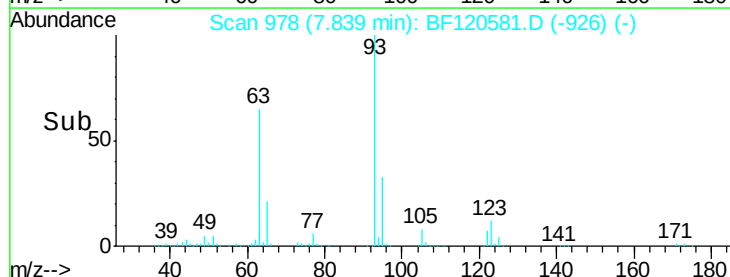
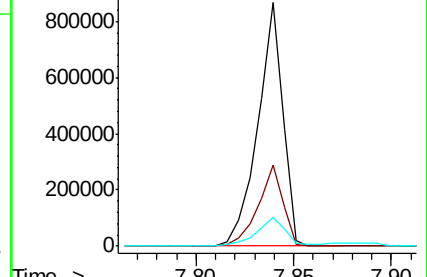
123 12.0 9.5 14.3

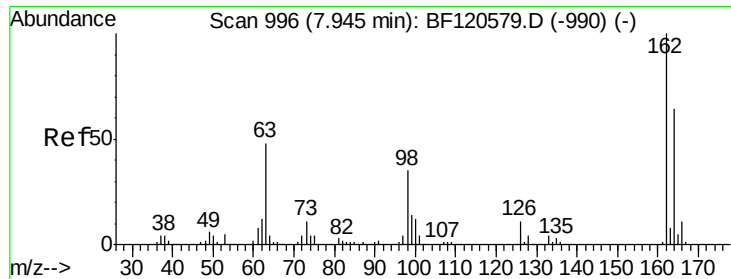


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

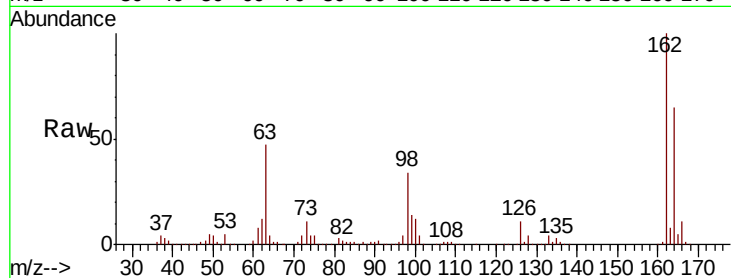




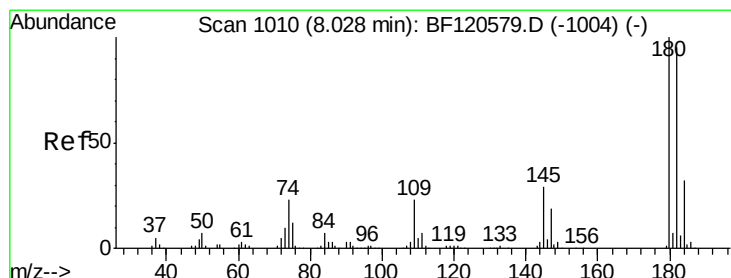
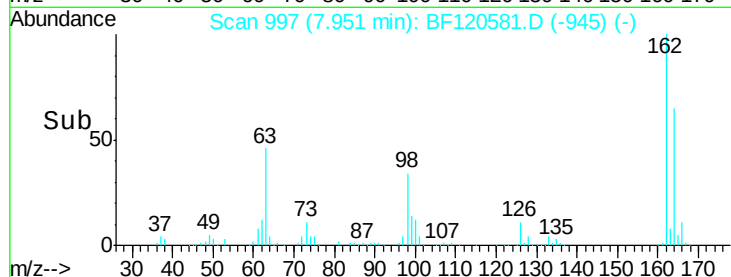
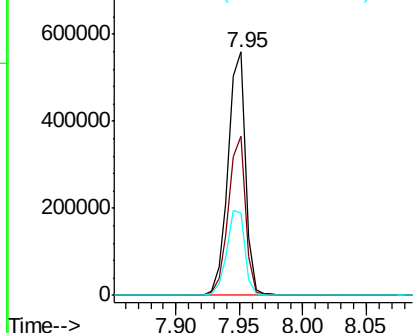
#29  
2,4-Dichlorophenol  
Concen: 61.262 ng  
RT: 7.95 min Scan# 997  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.4  | 44.1  | 84.1  |
| 98      | 33.8  | 14.6  | 54.6  |

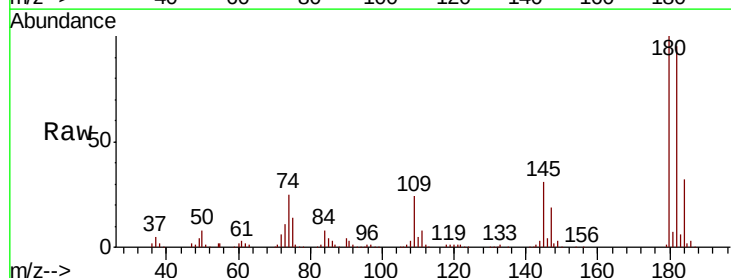


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

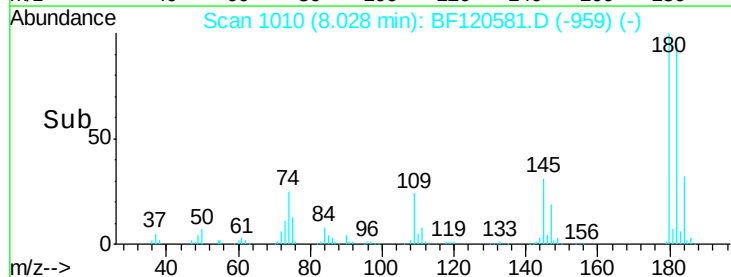
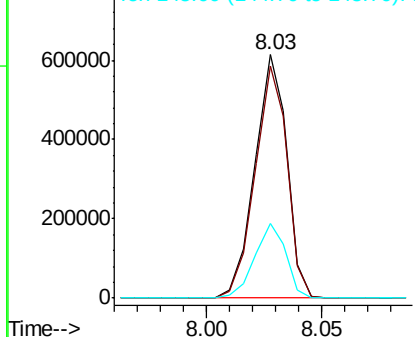


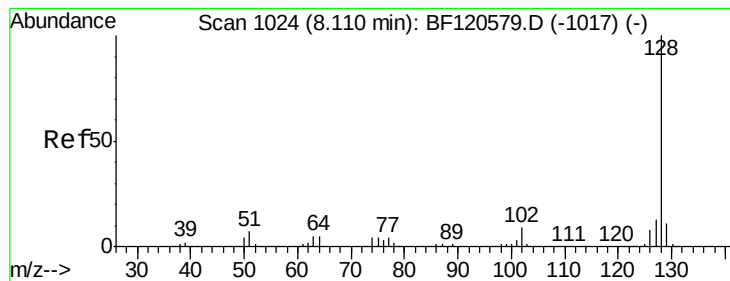
#30  
1,2,4-Trichlorobenzene  
Concen: 60.865 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 76.2  | 114.4 |
| 145     | 30.8  | 23.0  | 34.6  |



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





#31

Naphthalene

Concen: 57.021 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

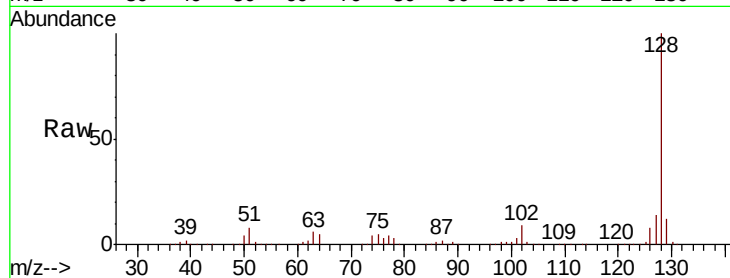
Tot Ion:128 Resp: 1671065

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

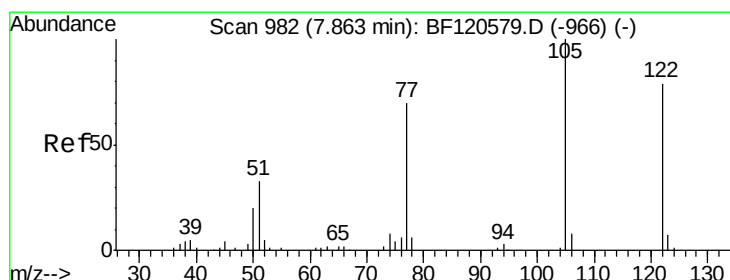
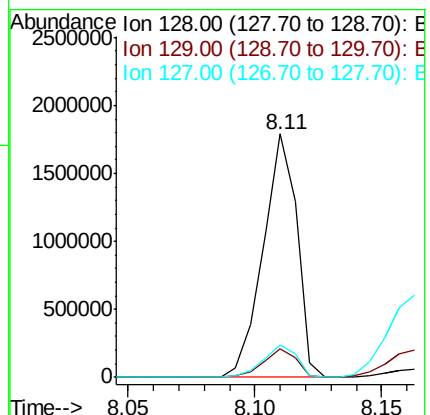
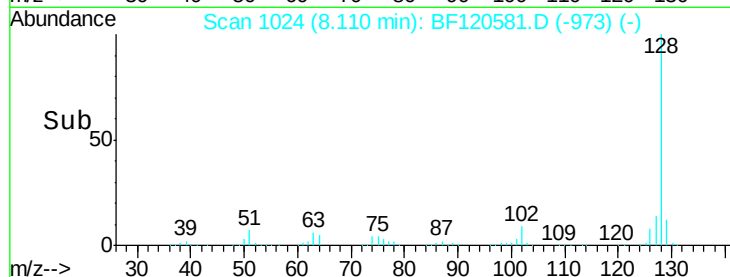
127 13.6 10.7 16.1



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: 73.136 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

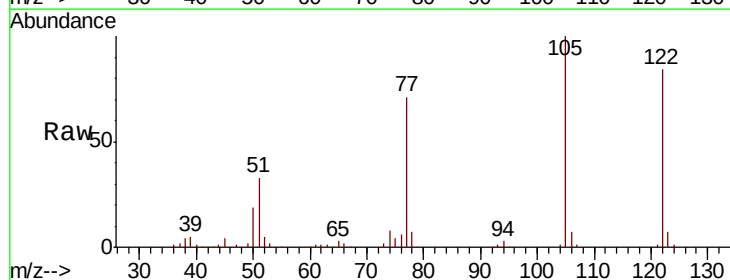
Tgt Ion:122 Resp: 466962

Ion Ratio Lower Upper

122 100

105 118.6 101.1 141.1

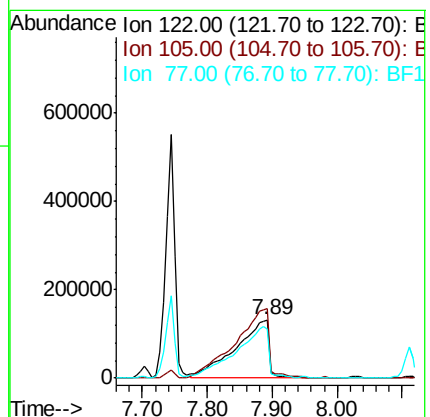
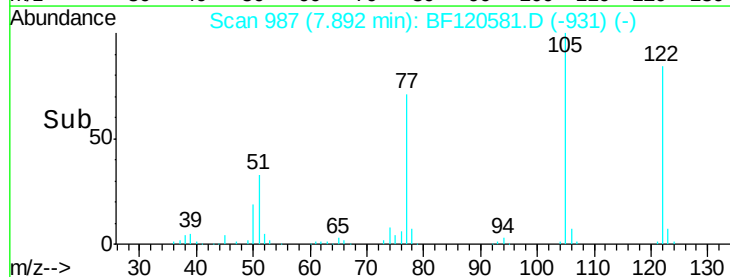
77 83.8 66.8 106.8

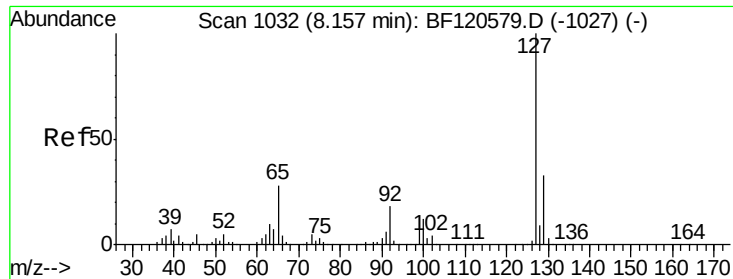


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

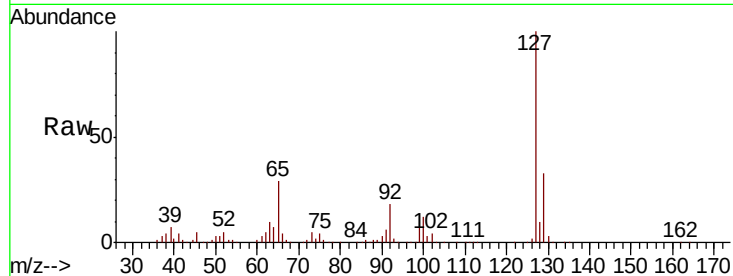




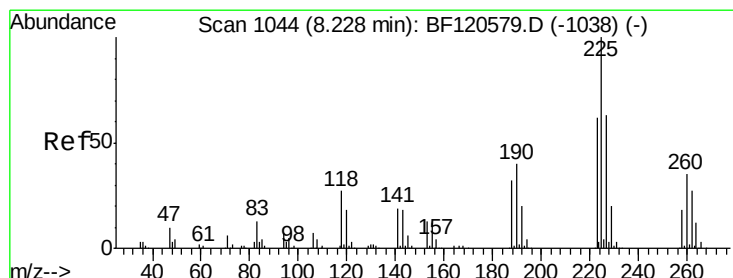
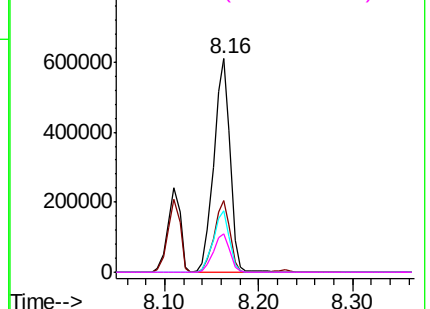
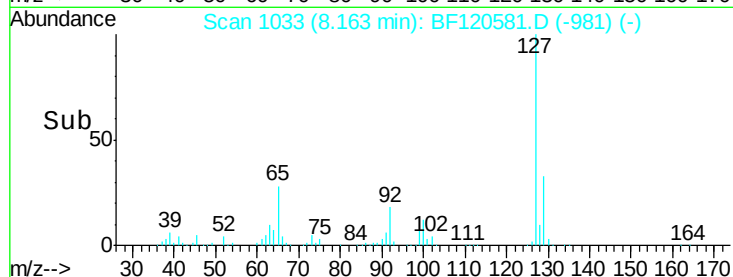
#33  
4-Chloroaniline  
Concen: 57.426 ng  
RT: 8.16 min Scan# 1033  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 745863 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.3  | 26.2  | 39.2   |
| 65       | 28.7  | 22.6  | 33.8   |
| 92       | 18.3  | 14.6  | 21.8   |

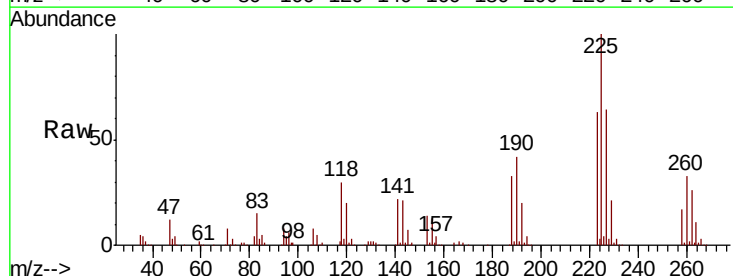


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

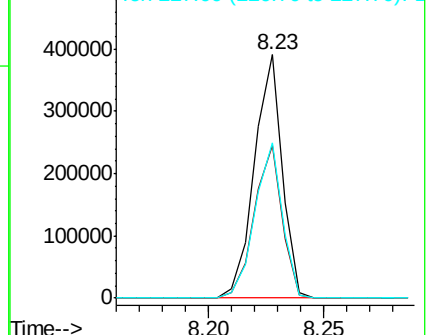
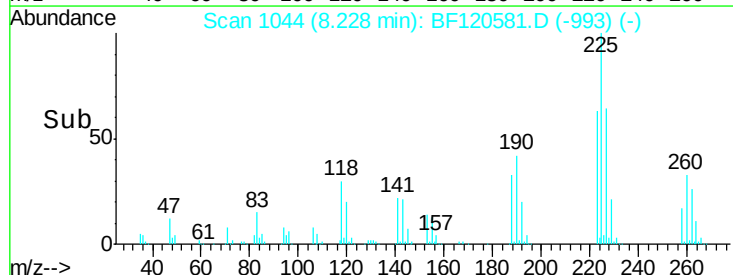


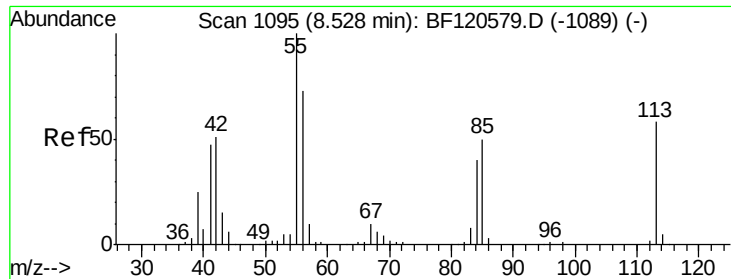
#34  
Hexachlorobutadiene  
Concen: 56.926 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 329083 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 49.5  | 74.3   |
| 227      | 63.6  | 50.6  | 76.0   |



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

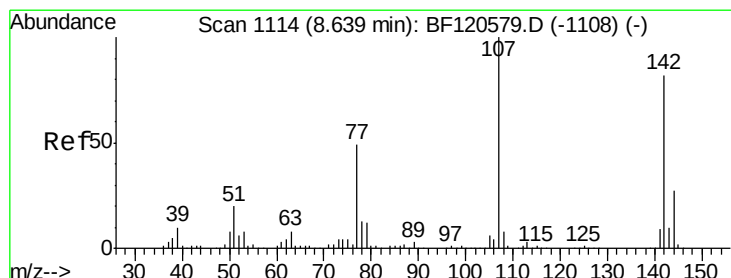
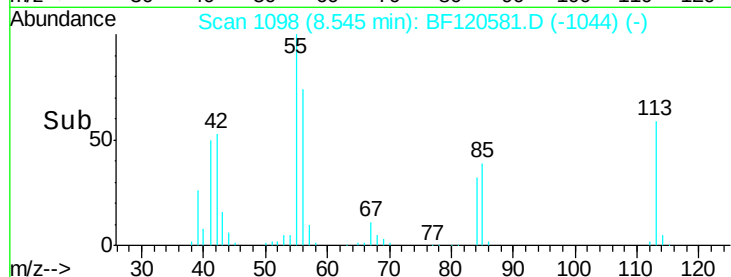
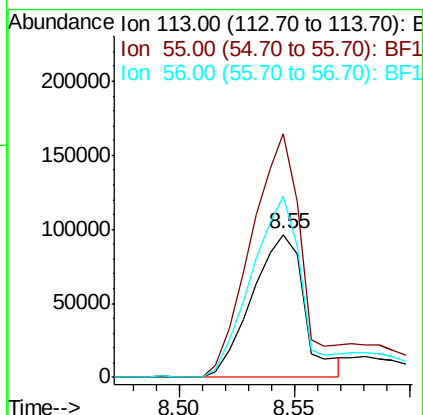
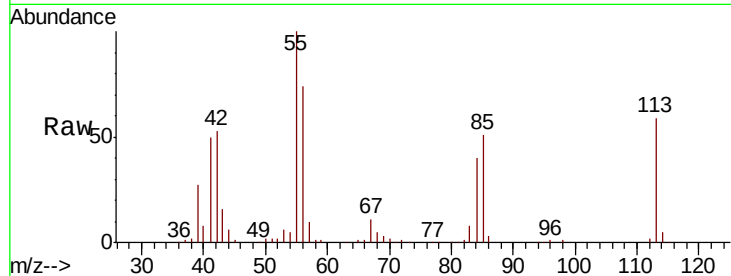




#35  
 Caprolactam  
 Concen: 53.832 ng  
 RT: 8.55 min Scan# 1098  
 Delta R.T. 0.02 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

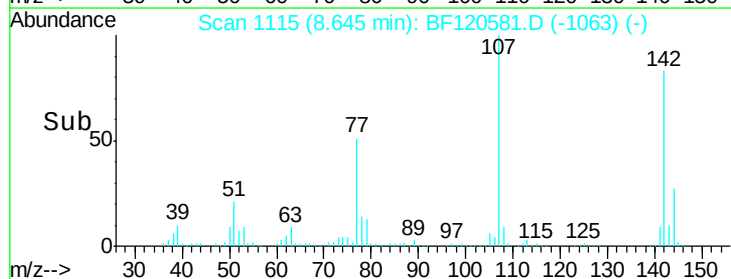
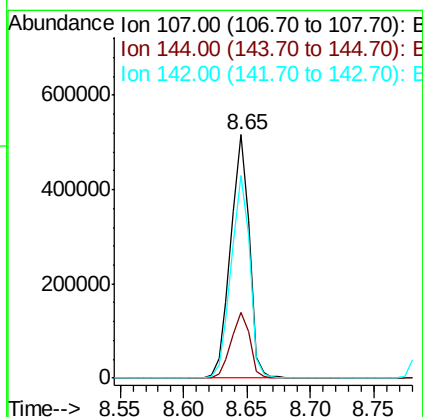
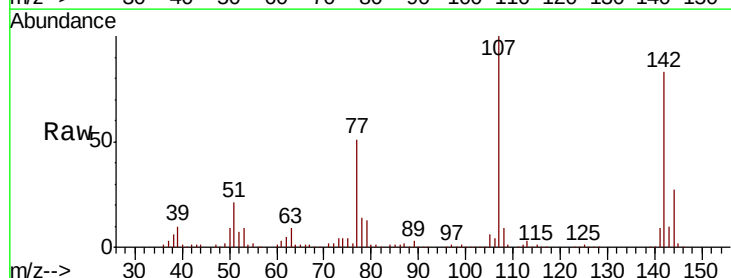
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

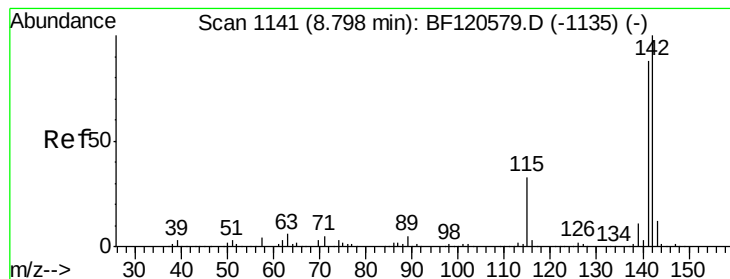
Tot Ion:113 Resp: 151511  
 Ion Ratio Lower Upper  
 113 100  
 55 170.4 152.8 192.8  
 56 126.9 105.9 145.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 59.325 ng  
 RT: 8.65 min Scan# 1115  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

Tgt Ion:107 Resp: 523073  
 Ion Ratio Lower Upper  
 107 100  
 144 27.1 21.6 32.4  
 142 83.3 65.8 98.8

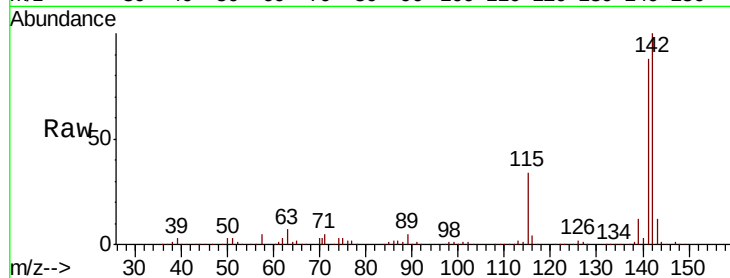




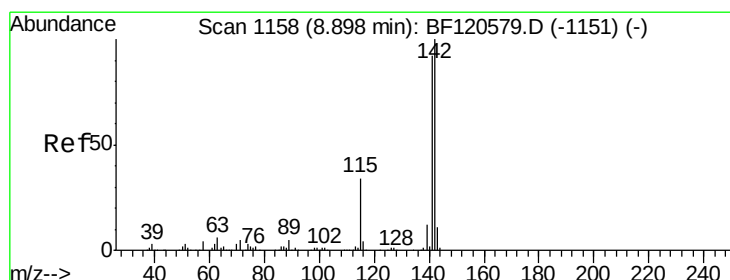
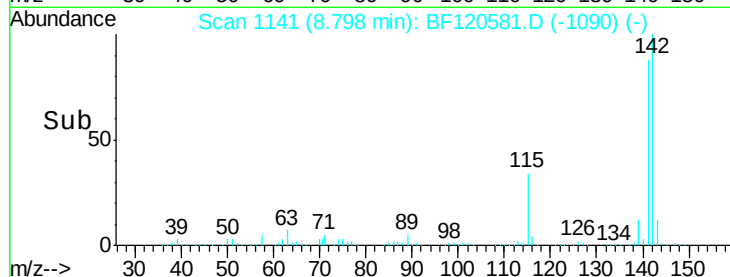
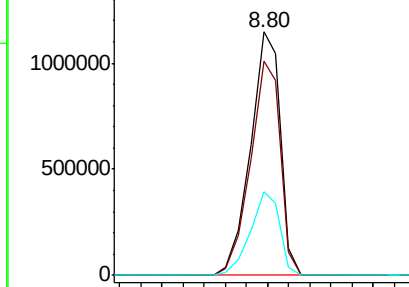
#37  
 2-Methylnaphthalene  
 Concen: 58.138 ng  
 RT: 8.80 min Scan# 1141  
 Delta R.T. 0.00 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.2  | 70.2  | 105.2 |
| 115     | 34.3  | 26.6  | 39.8  |

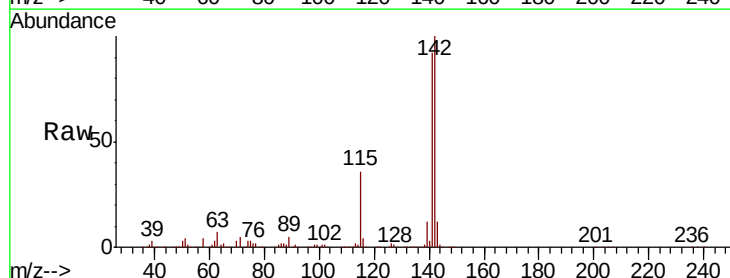


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

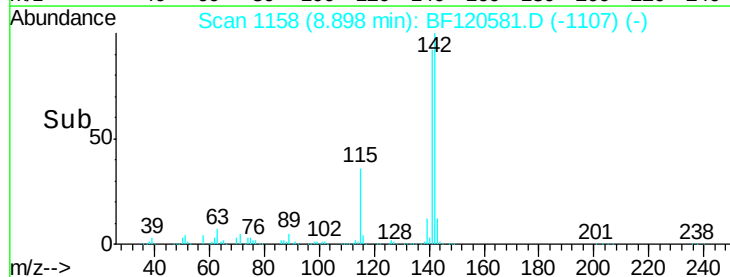
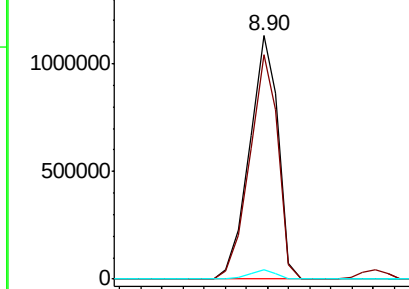


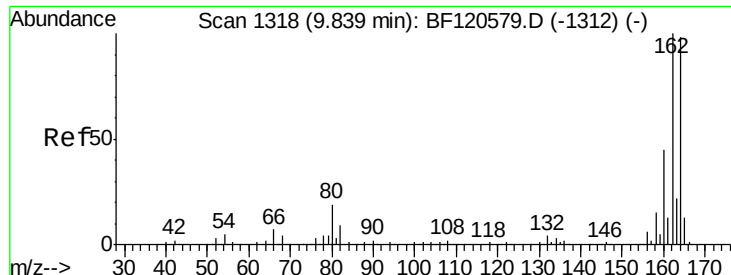
#38  
 1-Methylnaphthalene  
 Concen: 57.993 ng  
 RT: 8.90 min Scan# 1158  
 Delta R.T. 0.00 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 73.3  | 109.9 |
| 116     | 4.0   | 2.9   | 4.3   |



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

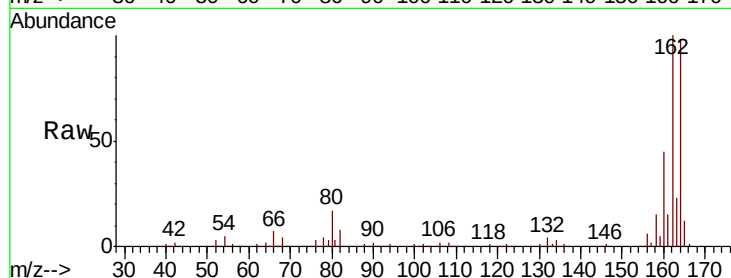
Tot Ion:164 Resp: 365318

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

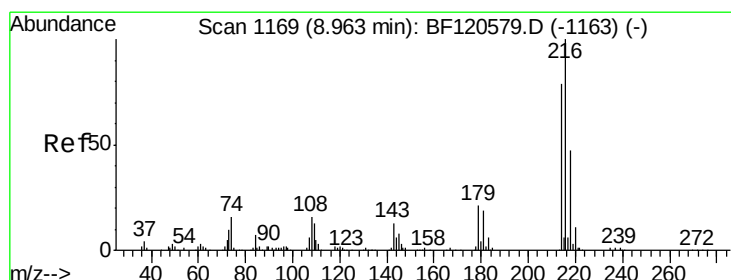
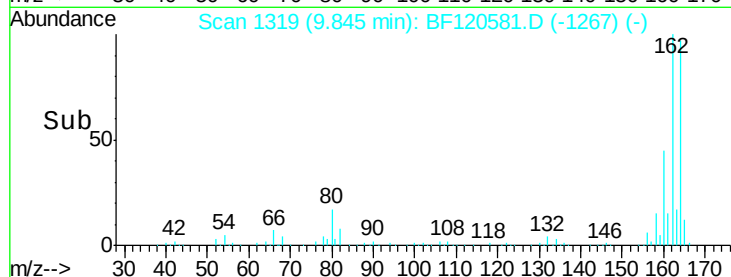
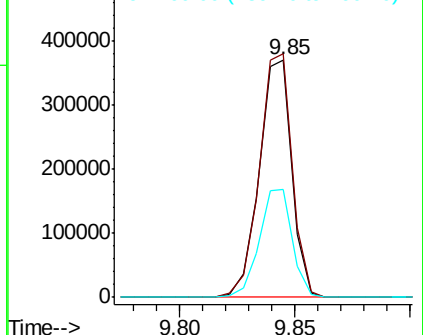
160 45.7 36.6 54.8



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: 57.562 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion:216 Resp: 539264

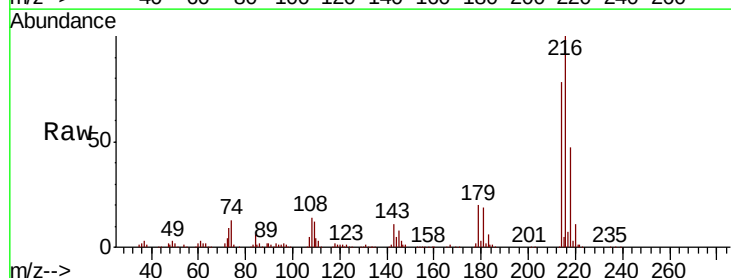
Ion Ratio Lower Upper

216 100

214 78.3 62.8 94.2

179 20.6 16.2 24.2

108 18.0 14.0 21.0

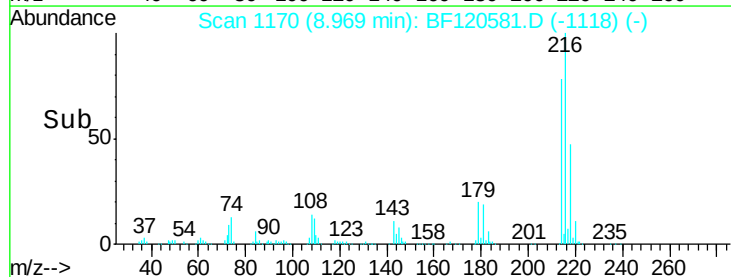
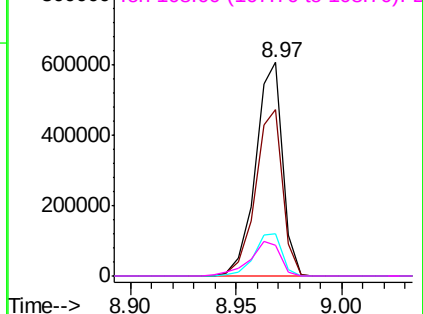


Abundance Ion 216.00 (215.70 to 216.70): E

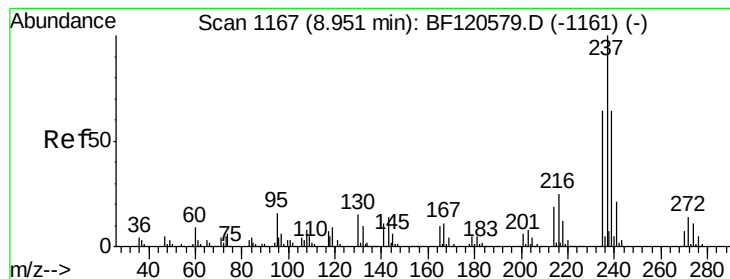
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 62.584 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

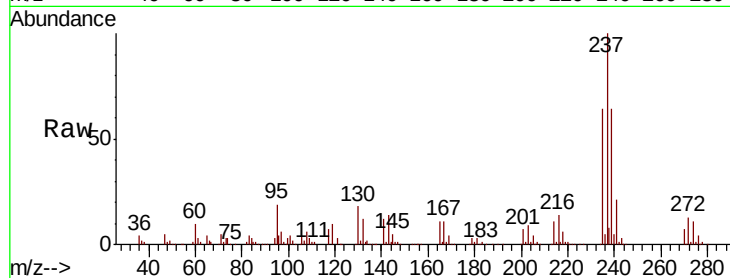
Tot Ion:237 Resp: 327227

Ion Ratio Lower Upper

237 100

235 63.8 44.2 84.2

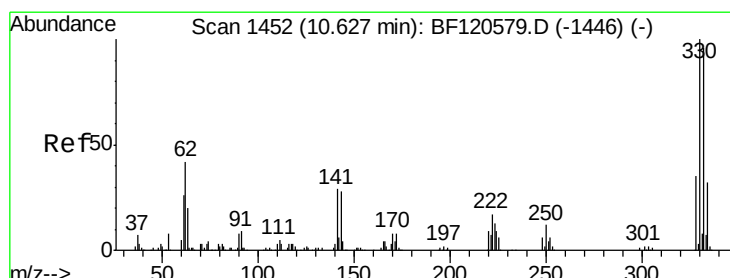
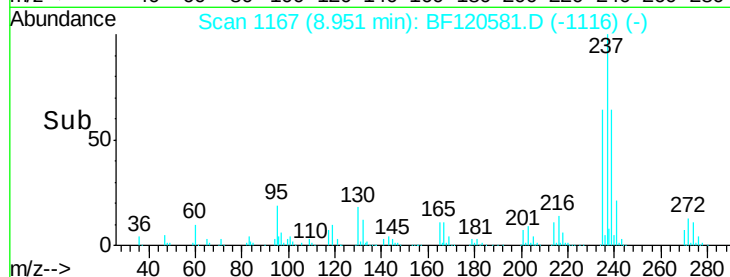
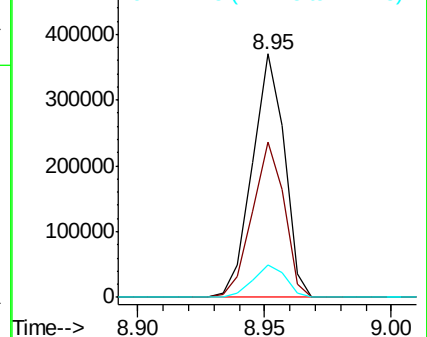
272 13.3 0.0 34.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.876 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

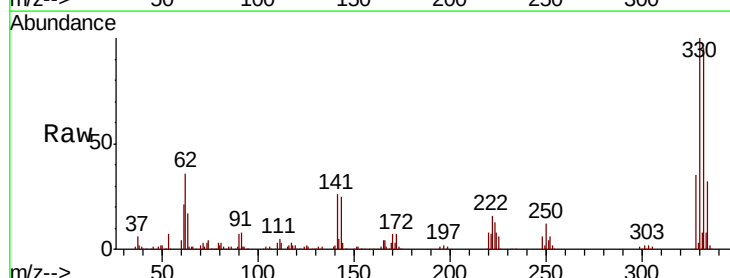
Tgt Ion:330 Resp: 422685

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.4

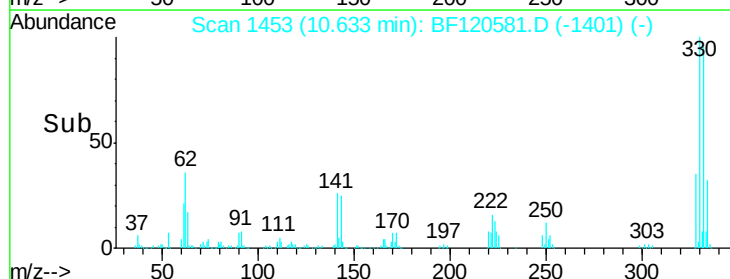
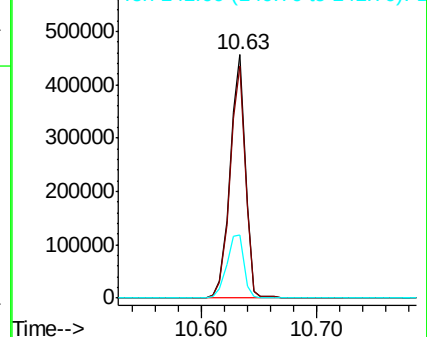
141 29.1 23.5 35.3

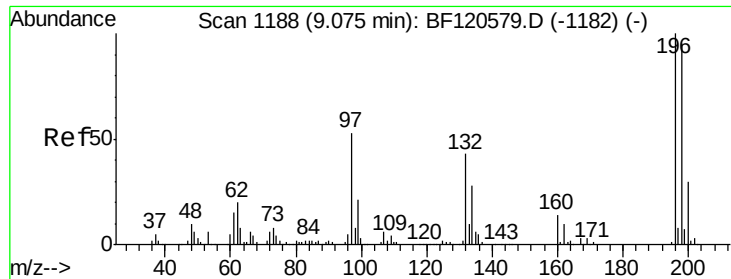


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

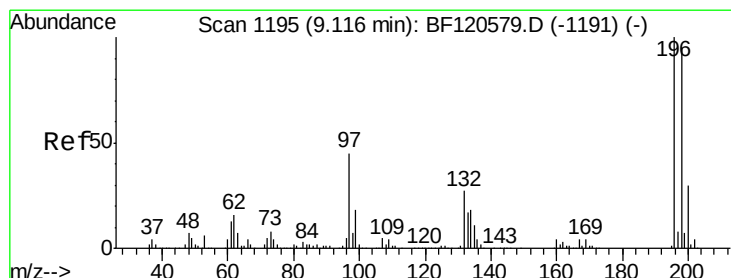
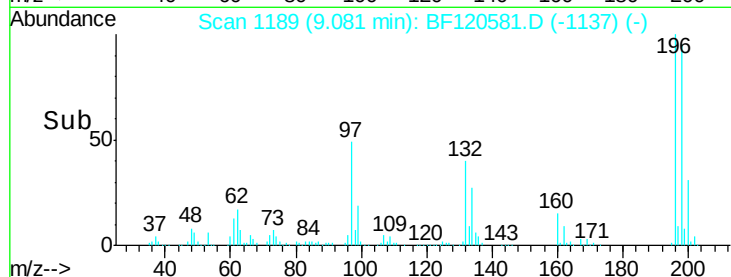
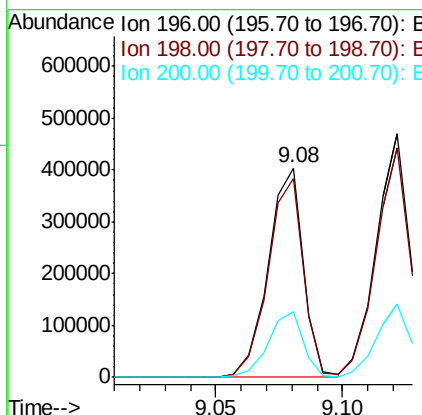
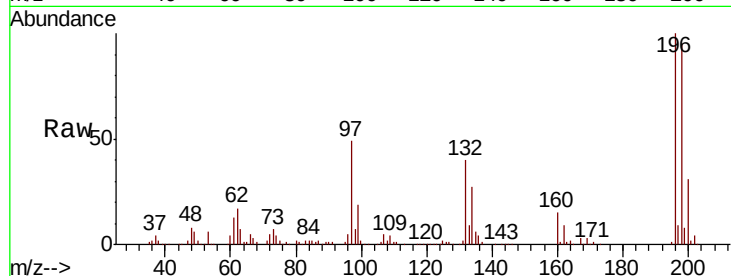




#43  
 2,4,6-Trichlorophenol  
 Concen: 57.176 ng  
 RT: 9.08 min Scan# 1189  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

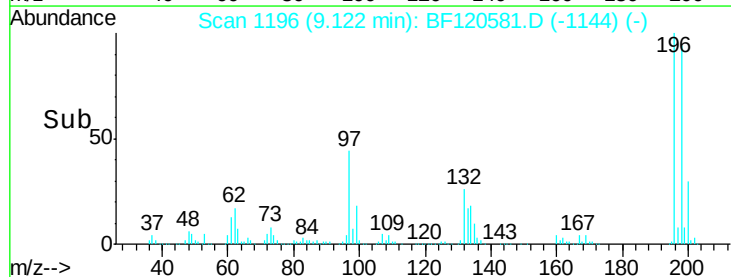
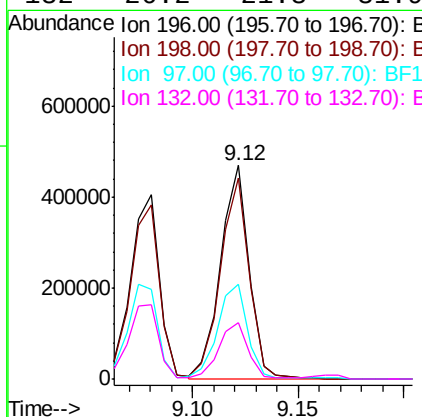
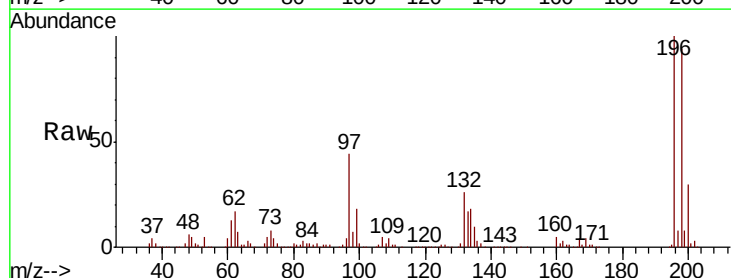
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

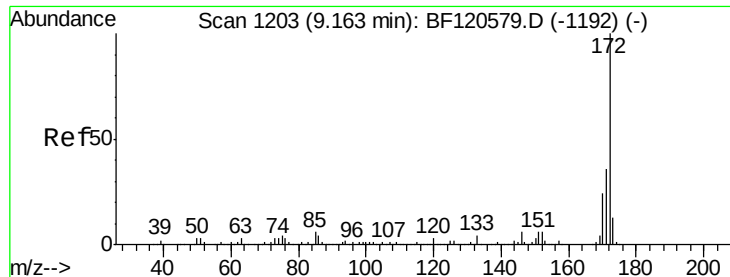
| Tot Ion   | 196   | Resp  | 387398 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.1  | 76.2  | 114.2  |
| 200       | 31.3  | 24.2  | 36.4   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 56.825 ng  
 RT: 9.12 min Scan# 1196  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

| Tgt Ion   | 196   | Resp  | 436434 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.0  | 76.2  | 114.4  |
| 97        | 44.2  | 36.2  | 54.4   |
| 132       | 26.2  | 21.3  | 31.9   |

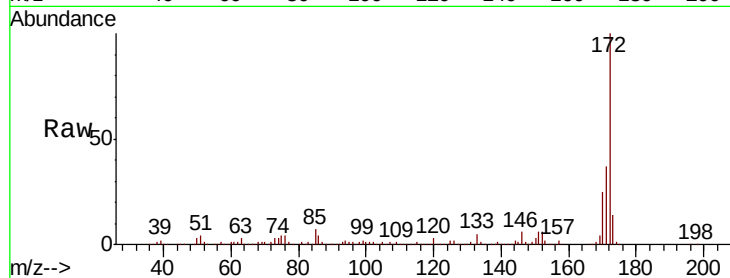




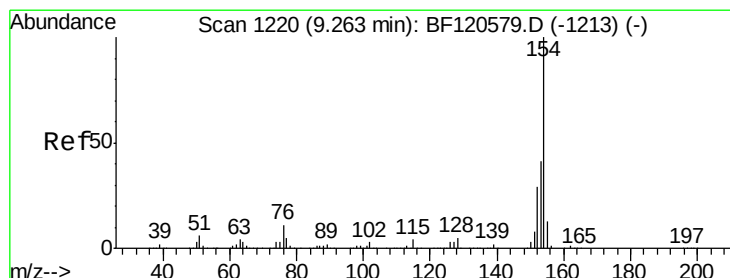
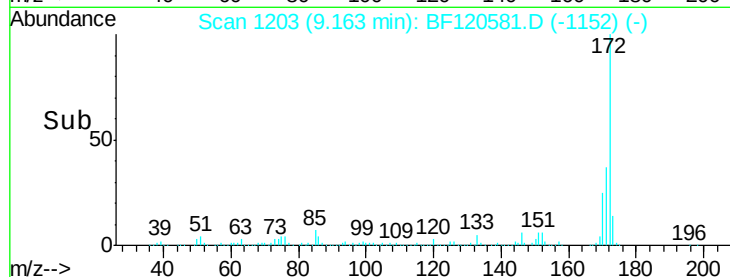
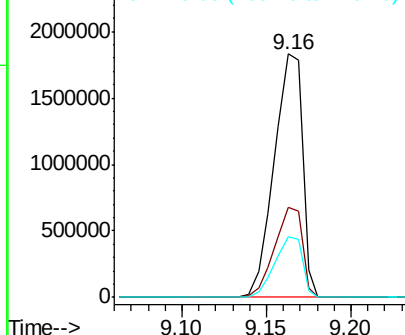
#45  
2-Fluorobiphenyl  
Concen: 97.687 ng  
RT: 9.16 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:172 Resp: 2103306  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.0 43.4  
170 24.8 19.5 29.3

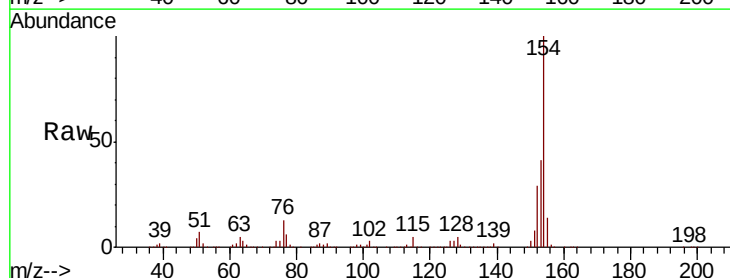


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

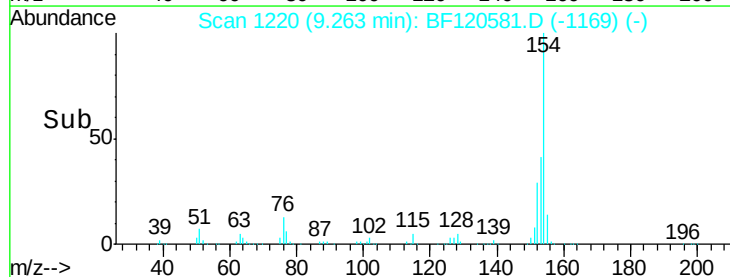
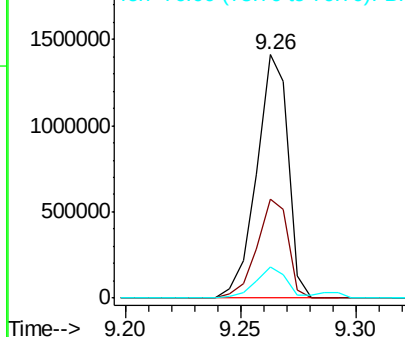


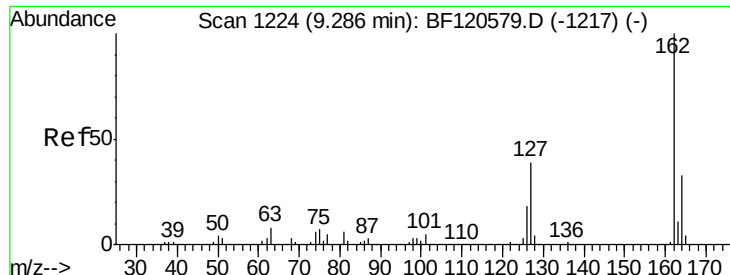
#46  
1,1'-Biphenyl  
Concen: 55.786 ng  
RT: 9.26 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion:154 Resp: 1338772  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.7 60.7  
76 12.9 0.0 31.4



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

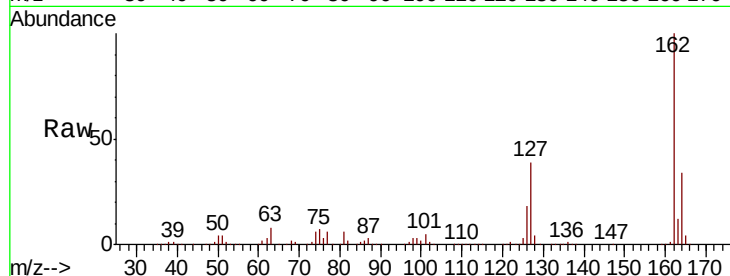




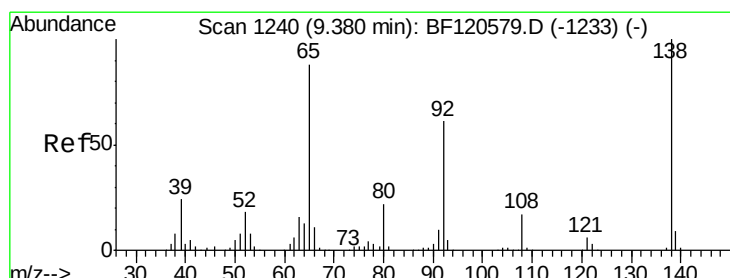
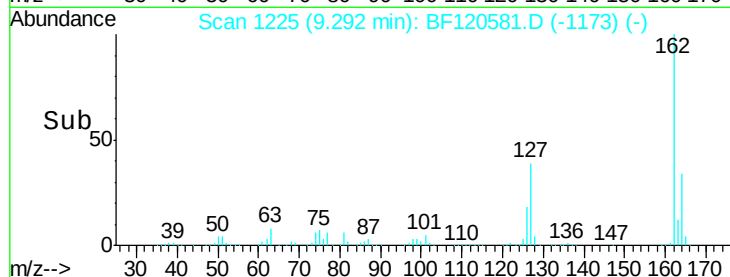
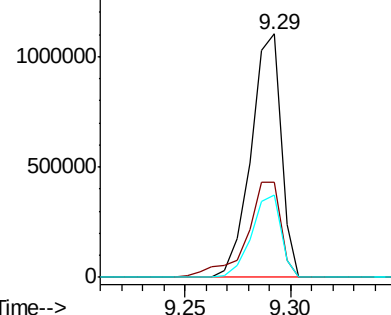
#47  
2-Chloronaphthalene  
Concen: 55.390 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:162 Resp: 1094575  
Ion Ratio Lower Upper  
162 100  
127 38.9 31.2 46.8  
164 34.0 26.6 39.8

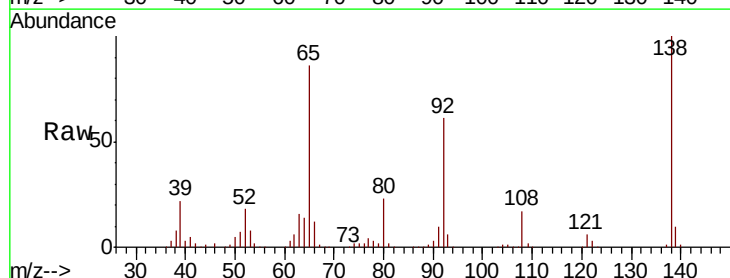


Abundance Ion 162.00 (161.70 to 162.70): E  
1500000 Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

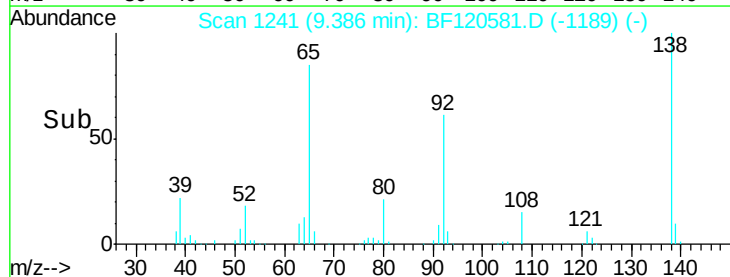
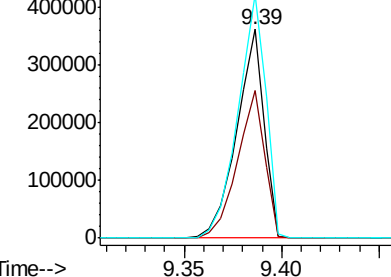


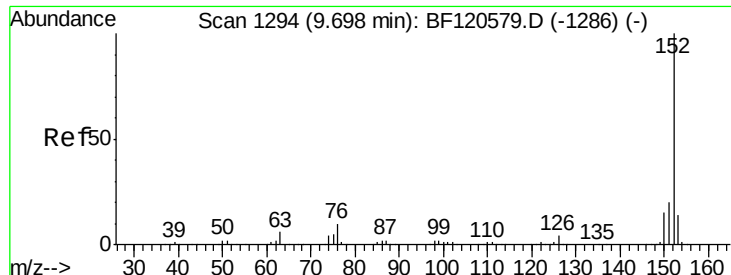
#48  
2-Nitroaniline  
Concen: 58.024 ng  
RT: 9.39 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion: 65 Resp: 349244  
Ion Ratio Lower Upper  
65 100  
92 70.8 55.6 83.4  
138 116.7 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1  
500000 Ion 92.00 (91.70 to 92.70): BF1  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 55.456 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

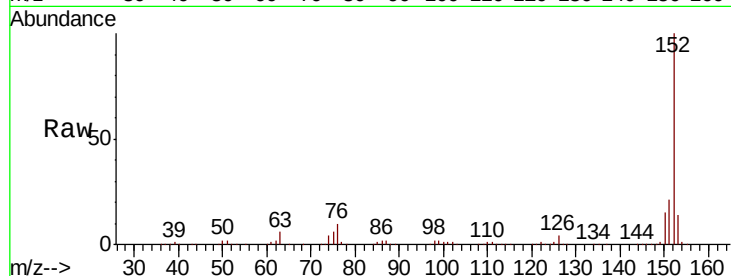
Tot Ion:152 Resp: 1693471

Ion Ratio Lower Upper

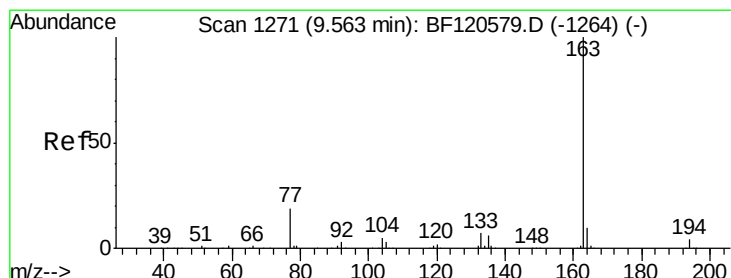
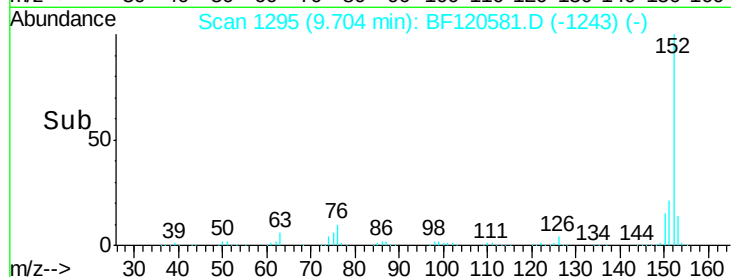
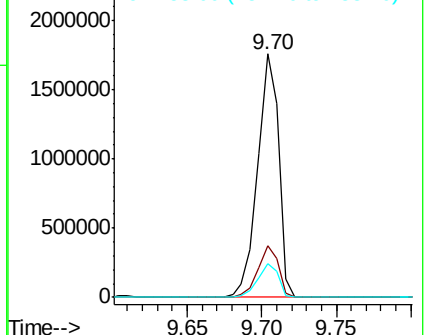
152 100

151 21.0 16.3 24.5

153 14.0 11.0 16.6



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: 57.983 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

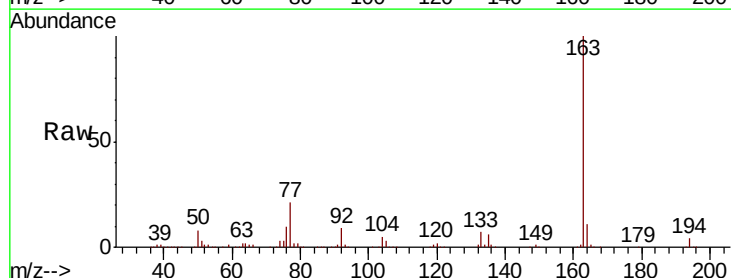
Tgt Ion:163 Resp: 1324248

Ion Ratio Lower Upper

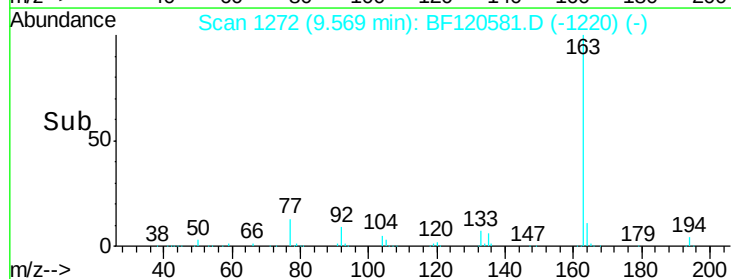
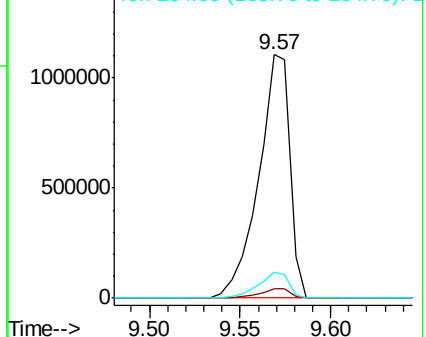
163 100

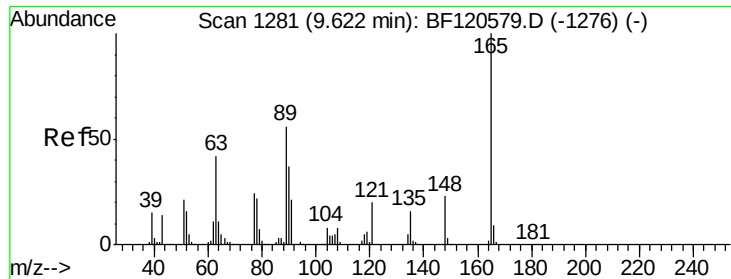
194 4.0 3.1 4.7

164 10.8 8.2 12.2



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

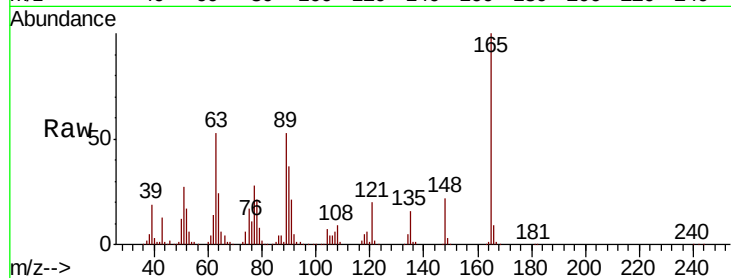




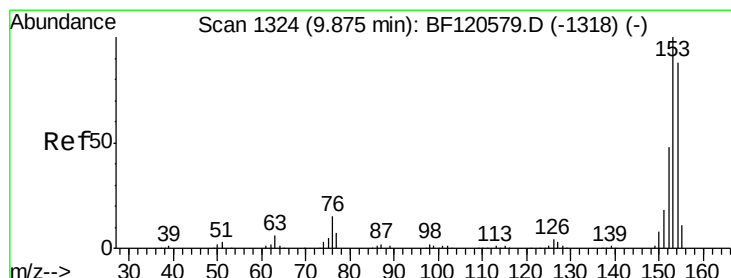
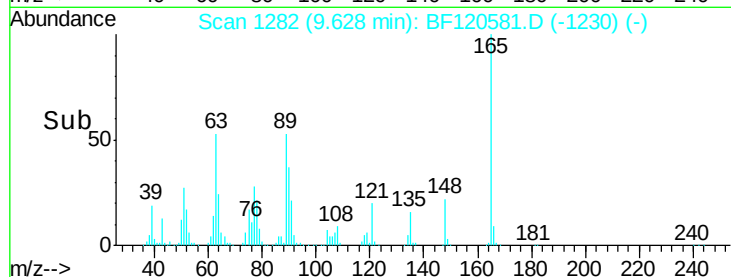
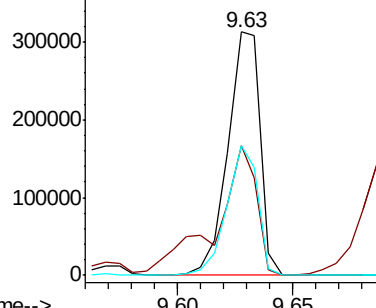
#51  
2,6-Dinitrotoluene  
Concen: 60.175 ng  
RT: 9.63 min Scan# 1282  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:165 Resp: 305417  
Ion Ratio Lower Upper  
165 100  
63 53.2 43.8 65.8  
89 53.4 44.9 67.3

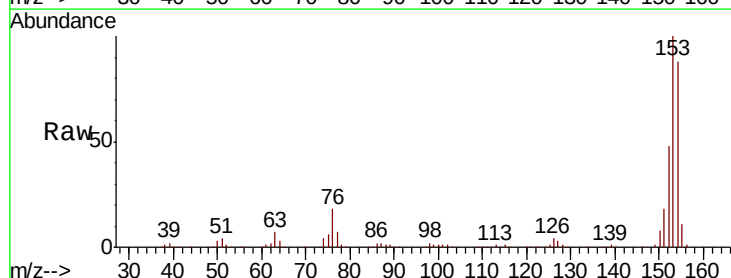


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

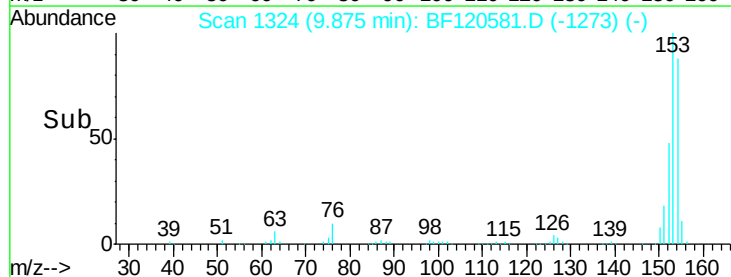
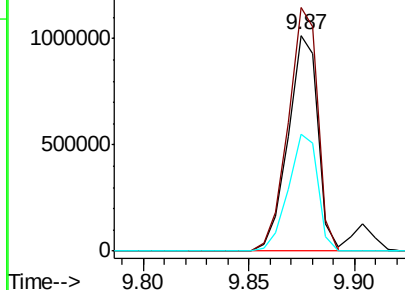


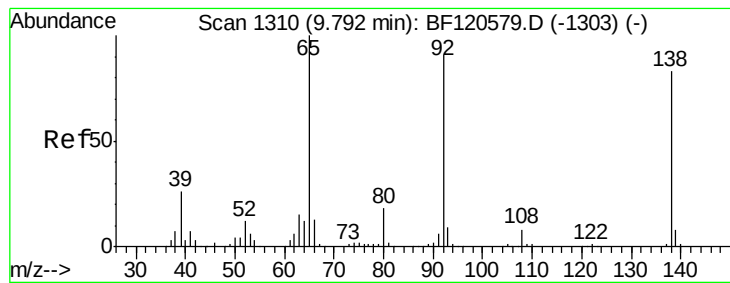
#52  
Acenaphthene  
Concen: 52.524 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion:154 Resp: 1001052  
Ion Ratio Lower Upper  
154 100  
153 113.0 90.4 135.6  
152 54.0 43.0 64.6



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





#53

3-Nitroaniline

Concen: 60.131 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

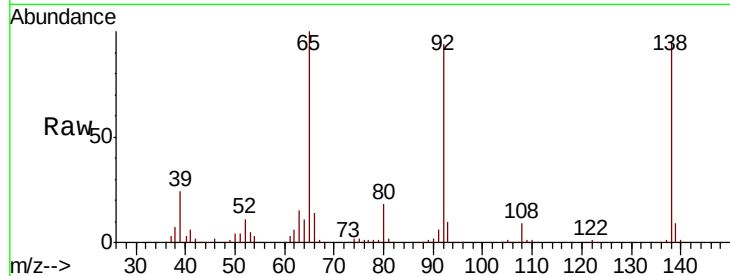
Tot Ion:138 Resp: 358386

Ion Ratio Lower Upper

138 100

108 9.3 7.7 11.5

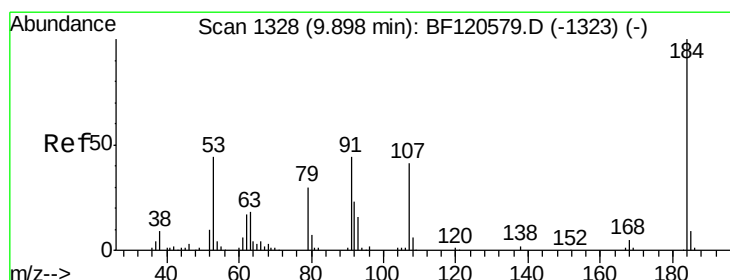
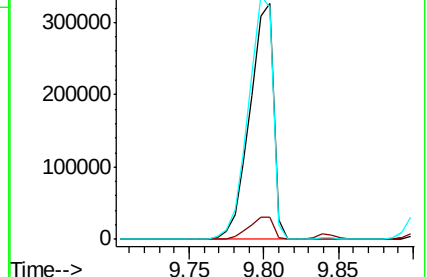
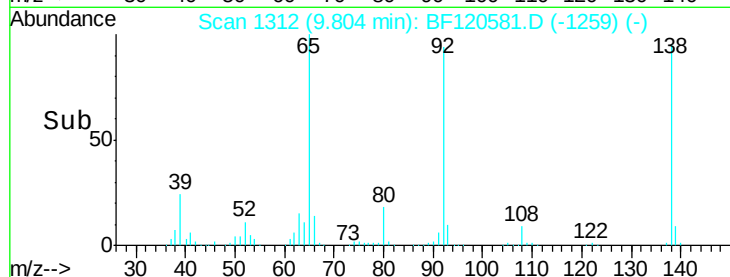
92 98.5 87.4 131.0



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: 105.793 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

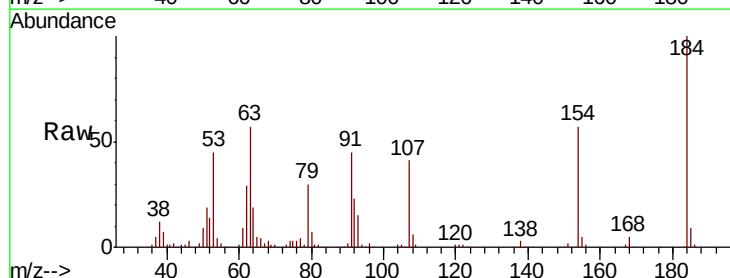
Tgt Ion:184 Resp: 182020

Ion Ratio Lower Upper

184 100

63 57.2 46.2 69.4

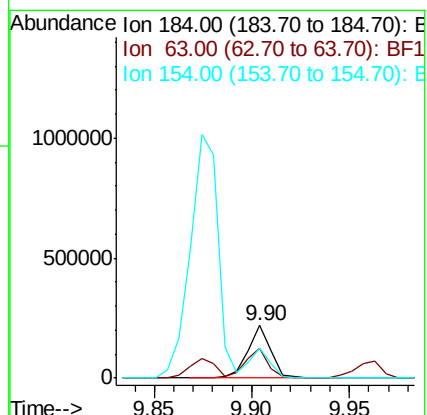
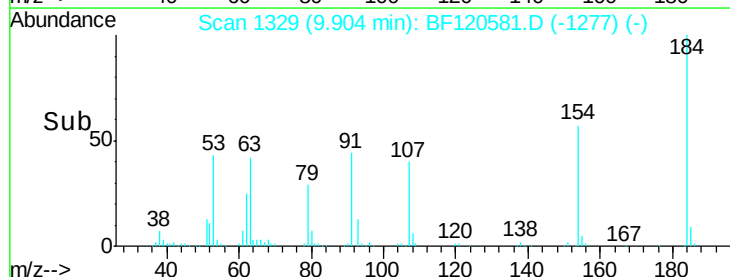
154 57.4 45.9 68.9

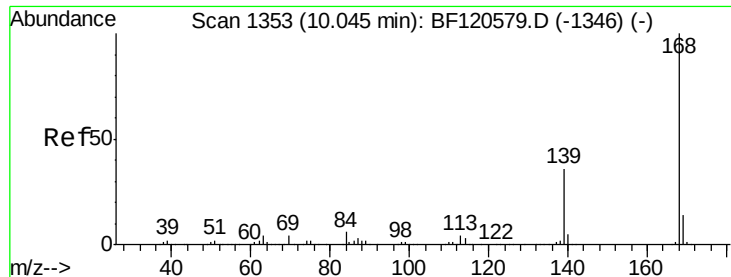


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 54.488 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

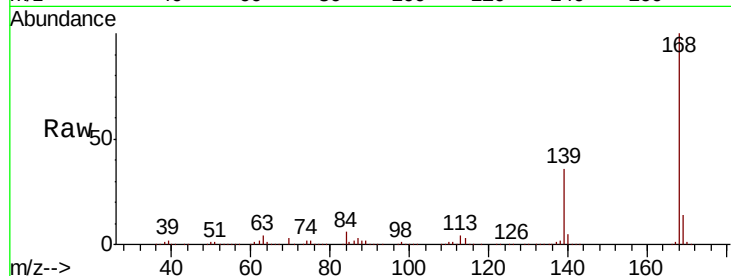
Tot Ion:168 Resp: 1509104

Ion Ratio Lower Upper

168 100

139 36.2 29.1 43.7

169 13.7 11.0 16.6

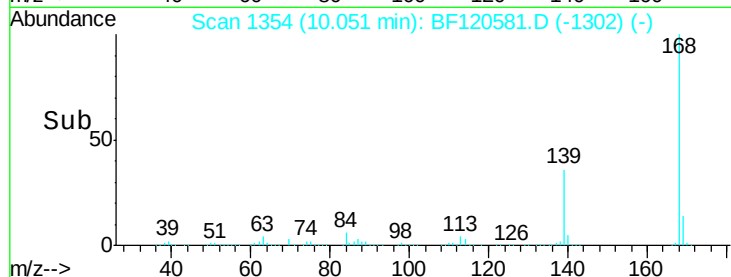


Abundance Ion 168.00 (167.70 to 168.70): E

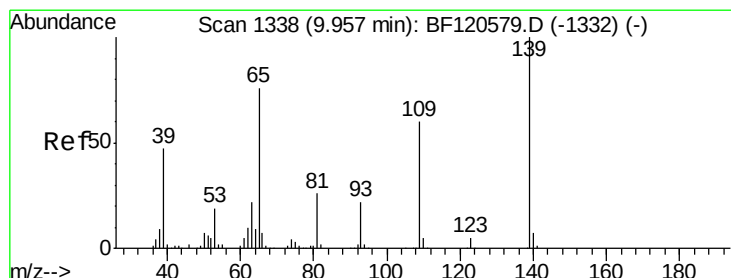
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time-->



Time-->



#56

4-Nitrophenol

Concen: 58.806 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

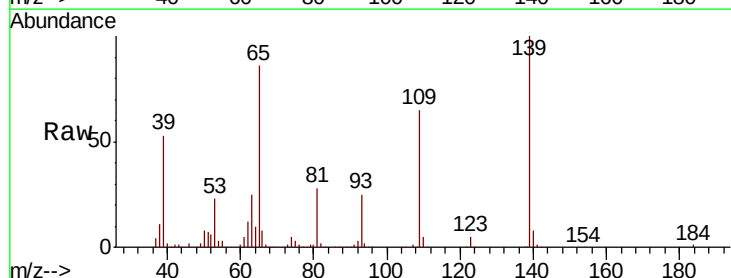
Tgt Ion:139 Resp: 268333

Ion Ratio Lower Upper

139 100

109 64.5 39.8 79.8

65 86.2 56.2 96.2

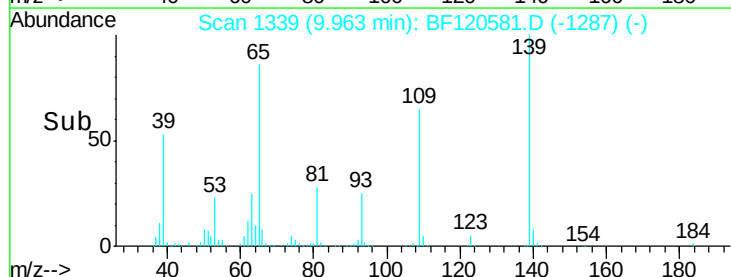


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

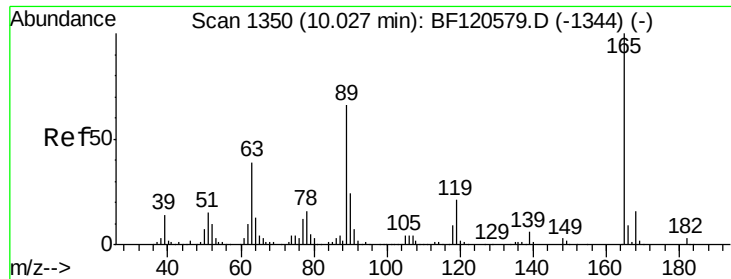
Ion 65.00 (64.70 to 65.70): BF1

Time-->



Time-->

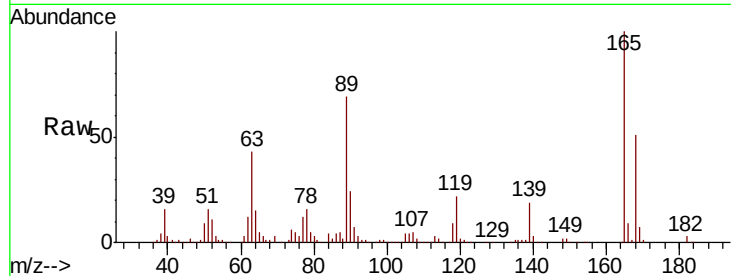




#57  
2,4-Dinitrotoluene  
Concen: 61.194 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.3  | 31.1  | 46.7  |
| 89      | 69.0  | 52.6  | 79.0  |
| 182     | 2.6   | 2.1   | 3.1   |



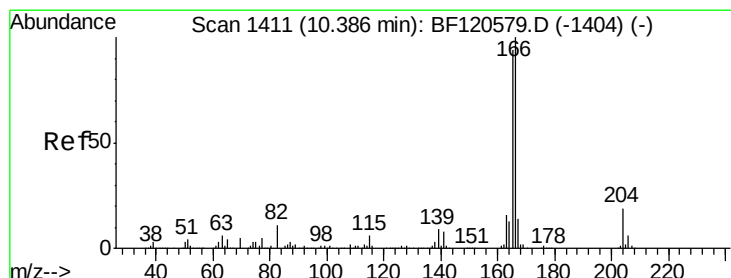
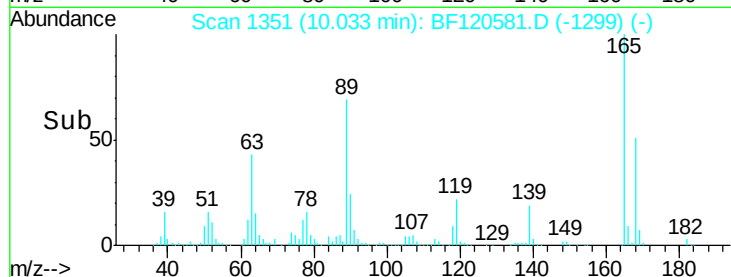
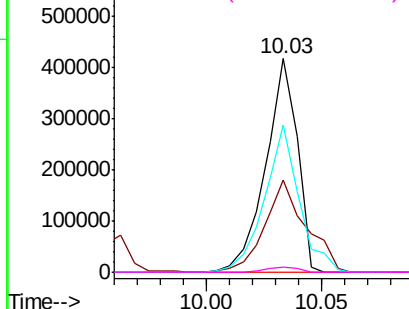
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

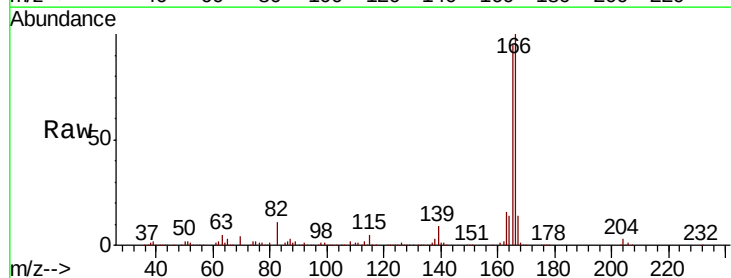
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 53.132 ng  
RT: 10.39 min Scan# 1412  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 94.7  | 74.8  | 112.2 |
| 167     | 13.8  | 11.2  | 16.8  |

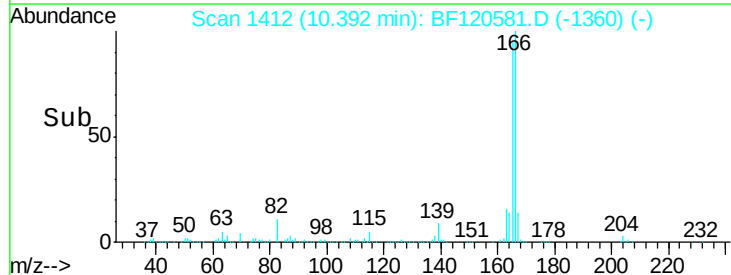
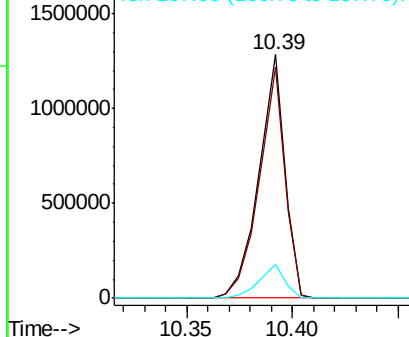


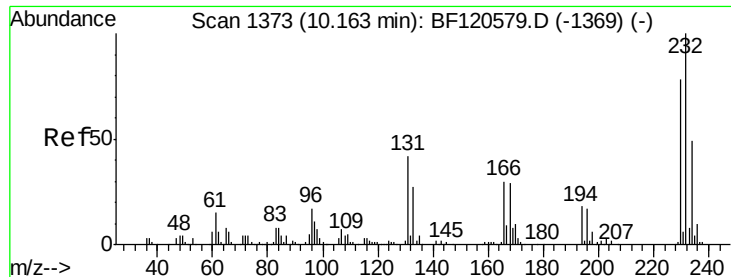
Abundance

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

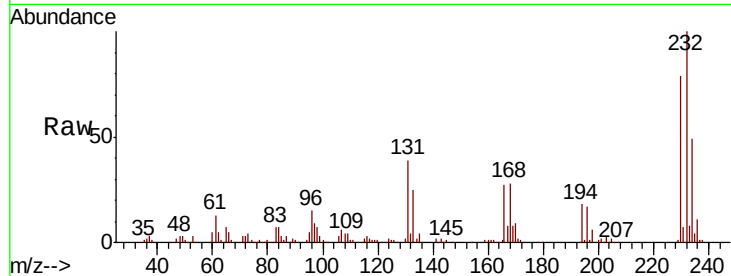




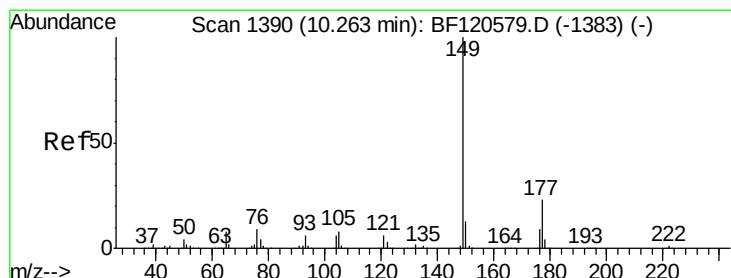
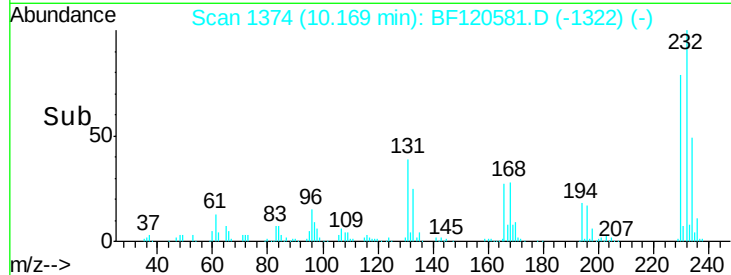
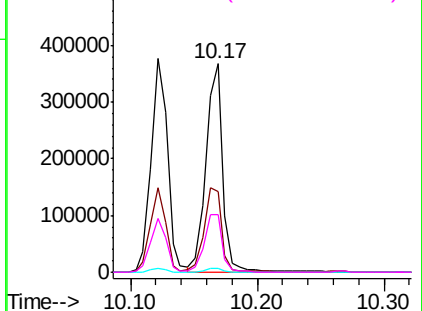
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 56.796 ng  
 RT: 10.17 min Scan# 1374  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:232 Resp: 339915  
 Ion Ratio Lower Upper  
 232 100  
 131 43.5 33.1 49.7  
 130 2.0 1.6 2.4  
 166 29.6 23.1 34.7

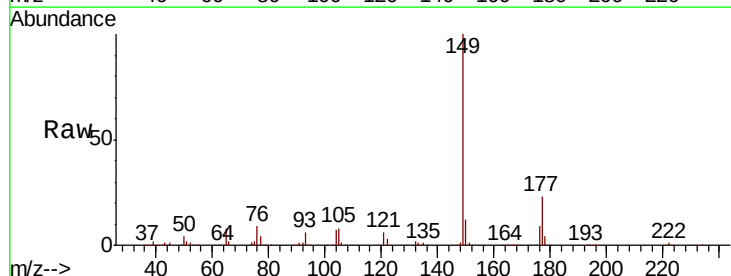


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

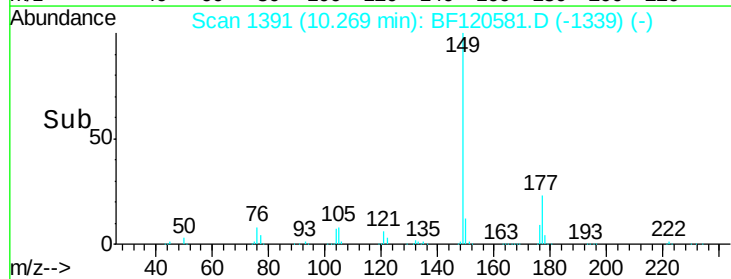
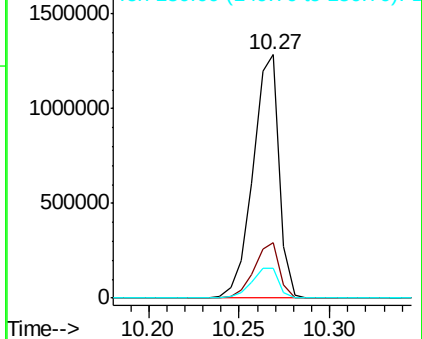


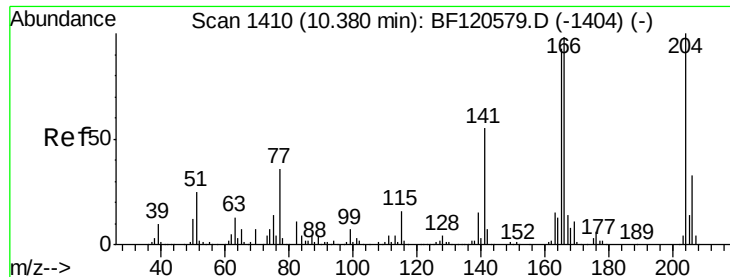
#60  
 Diethylphthalate  
 Concen: 55.689 ng  
 RT: 10.27 min Scan# 1391  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

Tgt Ion:149 Resp: 1285263  
 Ion Ratio Lower Upper  
 149 100  
 177 22.8 18.2 27.2  
 150 12.5 10.1 15.1



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

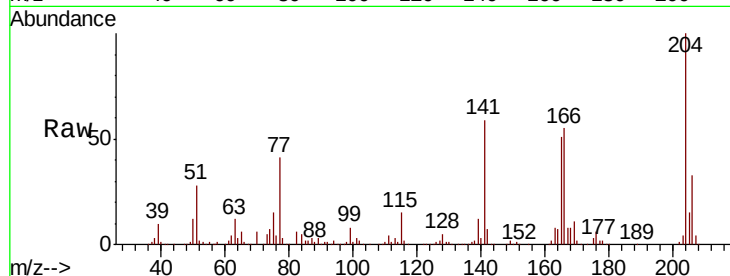




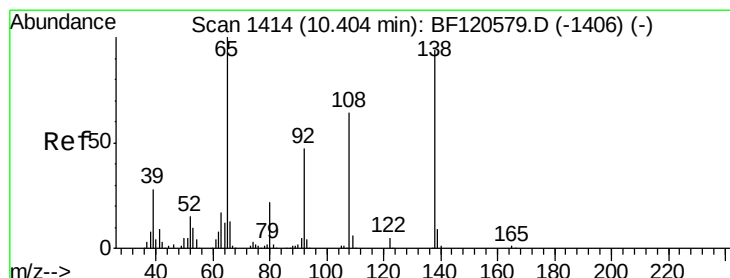
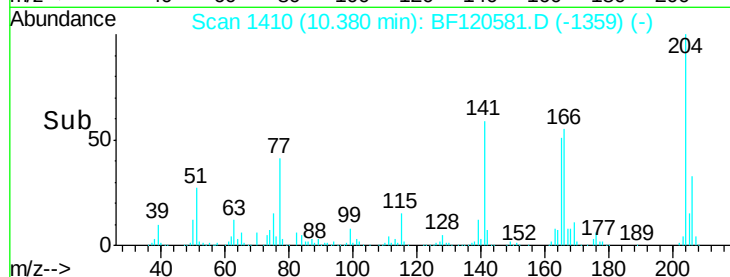
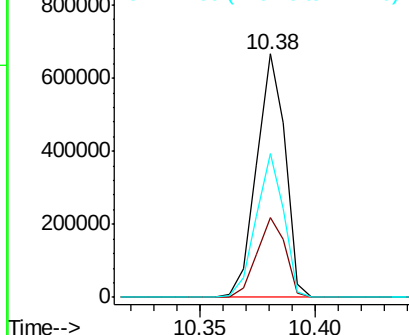
#61  
4-Chlorophenyl-phenylether  
Concen: 51.191 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:204 Resp: 576836  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.6 39.8  
141 58.9 44.2 66.2

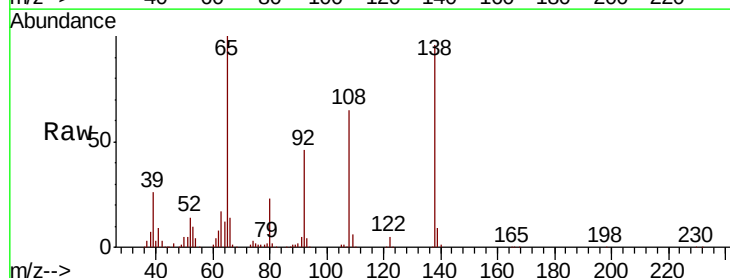


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

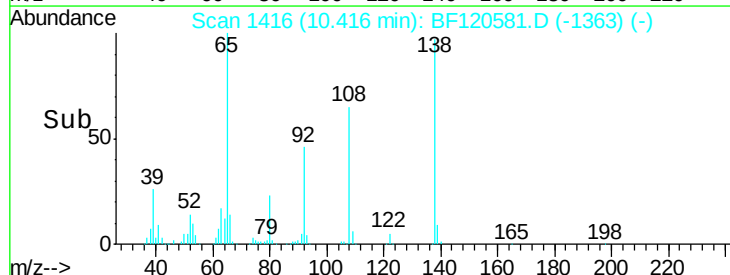
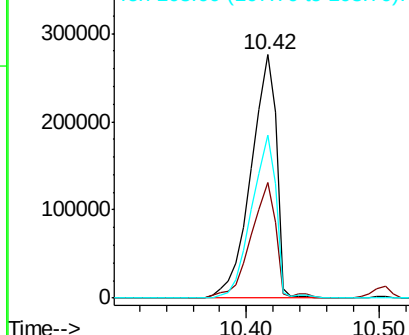


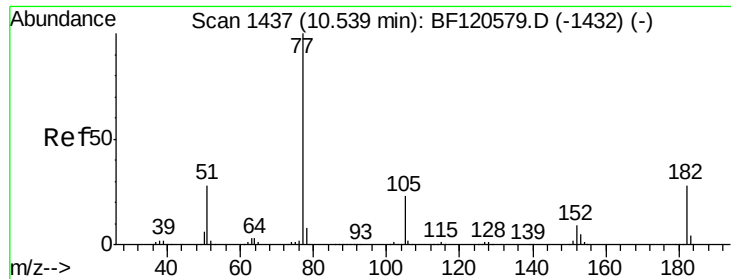
#62  
4-Nitroaniline  
Concen: 64.127 ng  
RT: 10.42 min Scan# 1416  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion:138 Resp: 360822  
Ion Ratio Lower Upper  
138 100  
92 47.7 29.6 69.6  
108 67.1 47.9 87.9



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

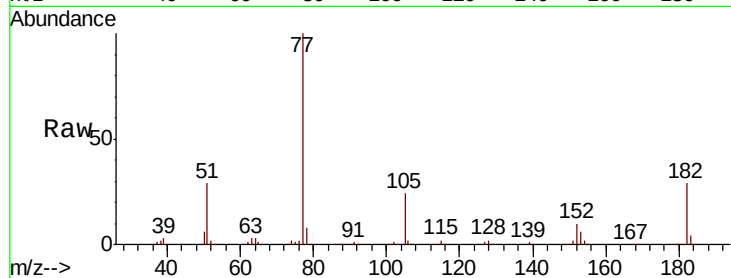




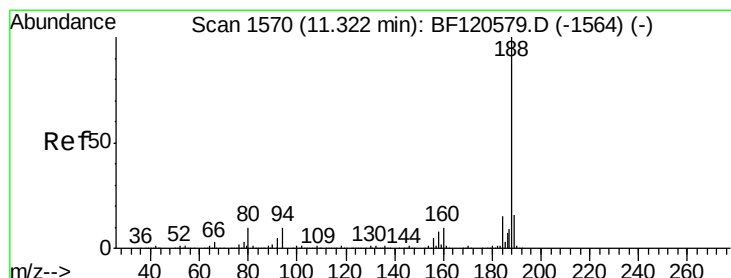
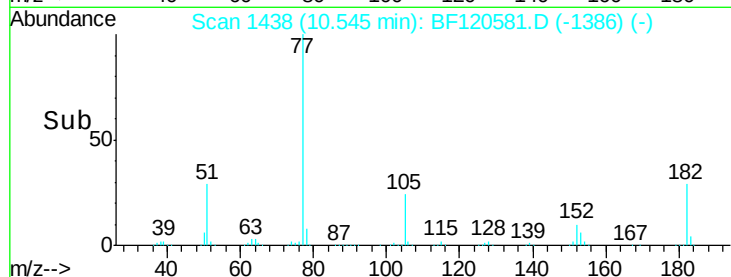
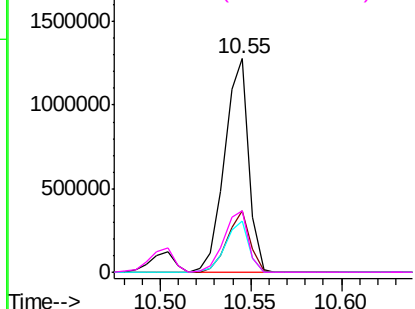
#63  
Azobenzene  
Concen: 54.348 ng  
RT: 10.55 min Scan# 1438  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion: 77 Resp: 1179830  
Ion Ratio Lower Upper  
77 100  
182 28.9 7.5 47.5  
105 24.2 3.3 43.3  
51 28.8 8.6 48.6

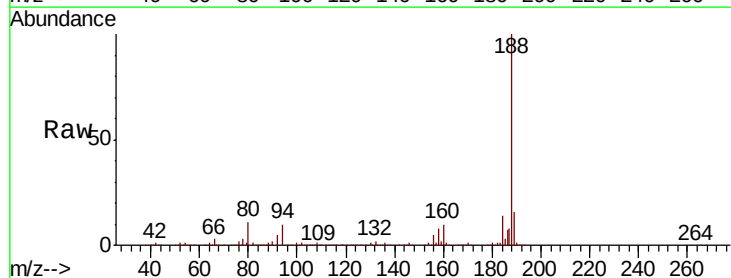


Abundance Ion 77.00 (76.70 to 77.70): BF1  
2000000  
Ion 182.00 (181.70 to 182.70): BF1  
Ion 105.00 (104.70 to 105.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1

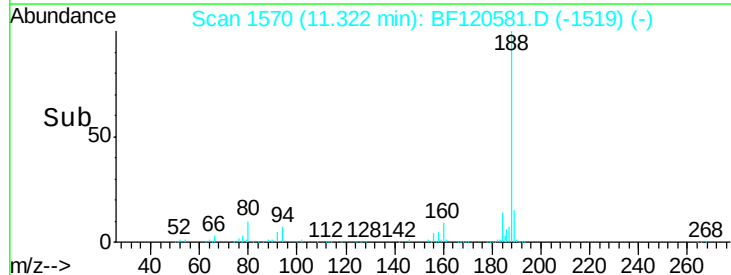
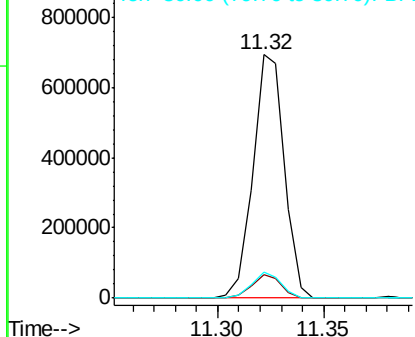


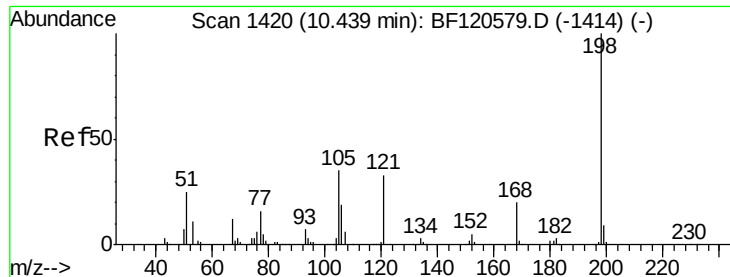
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.32 min Scan# 1570  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion: 188 Resp: 712967  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.7 11.5  
80 10.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BF1  
800000  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

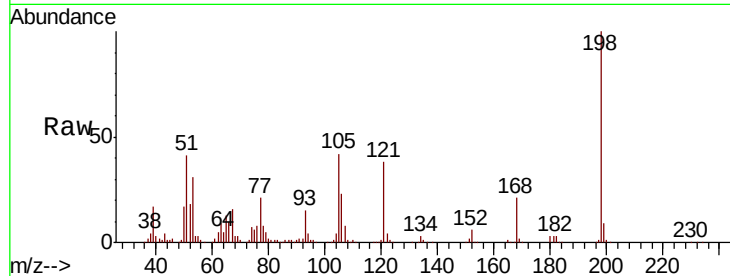




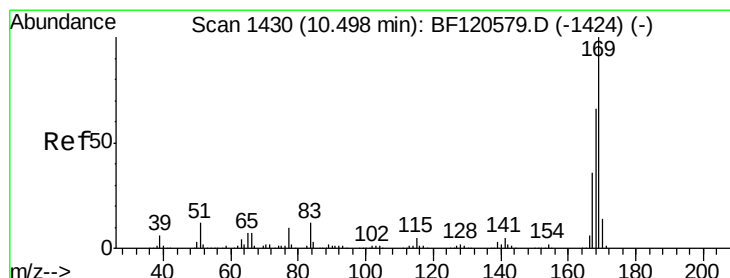
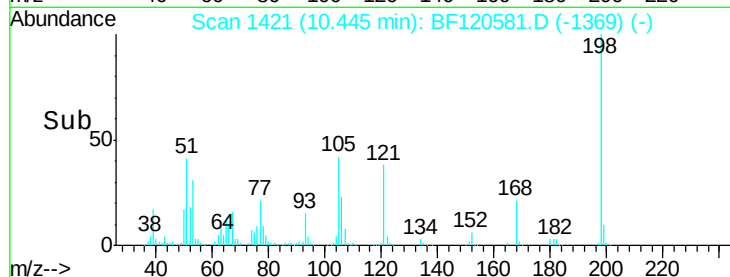
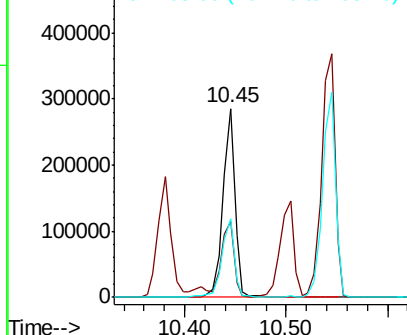
#65  
4,6-Dinitro-2-methylphenol  
Concen: 90.781 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:198 Resp: 236077  
Ion Ratio Lower Upper  
198 100  
51 40.5 12.3 52.3  
105 41.6 15.8 55.8

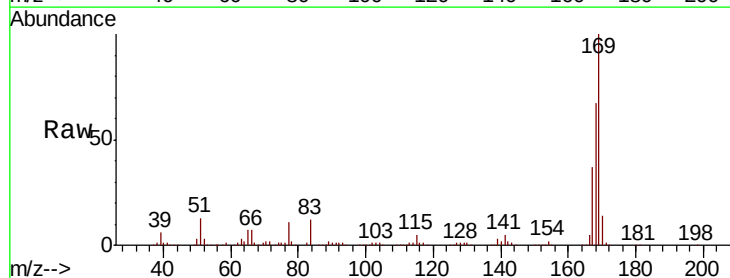


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

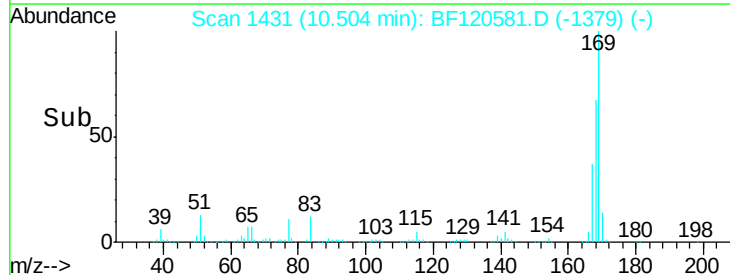
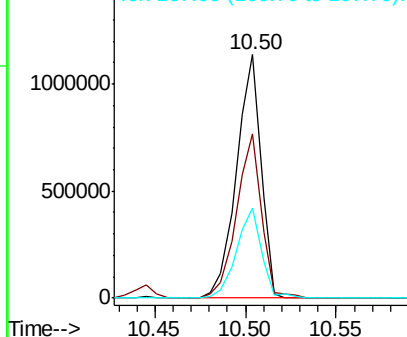


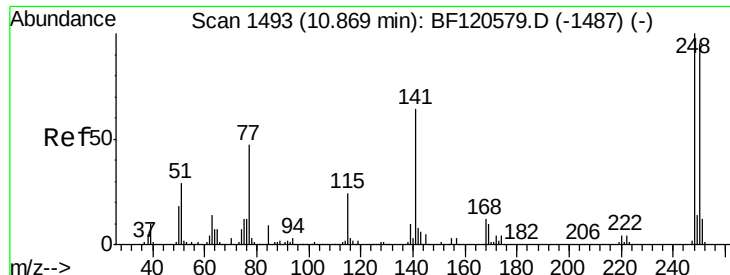
#66  
n-Nitrosodiphenylamine  
Concen: 54.109 ng  
RT: 10.50 min Scan# 1431  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion:169 Resp: 1071621  
Ion Ratio Lower Upper  
169 100  
168 67.5 52.9 79.3  
167 37.1 29.2 43.8



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

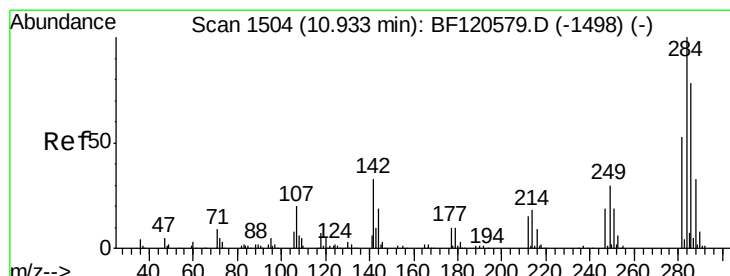
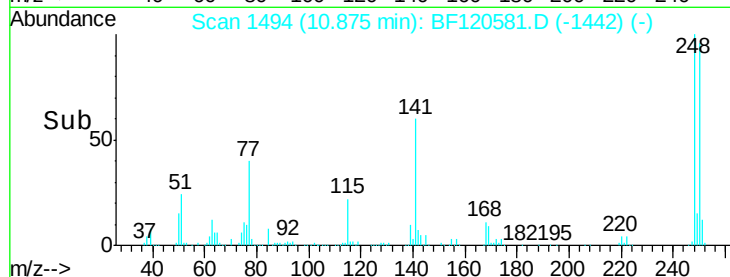
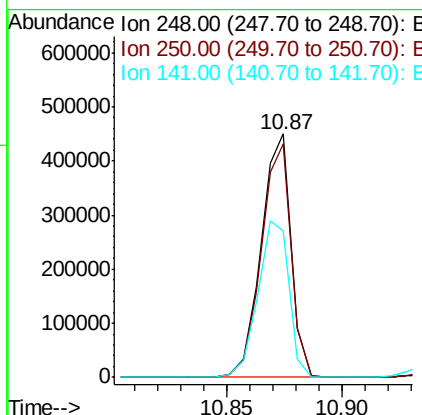
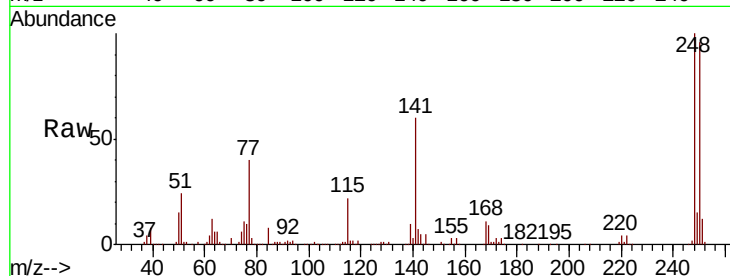




#67  
 4-Bromophenyl-phenylether  
 Concen: 56.277 ng  
 RT: 10.87 min Scan# 1494  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

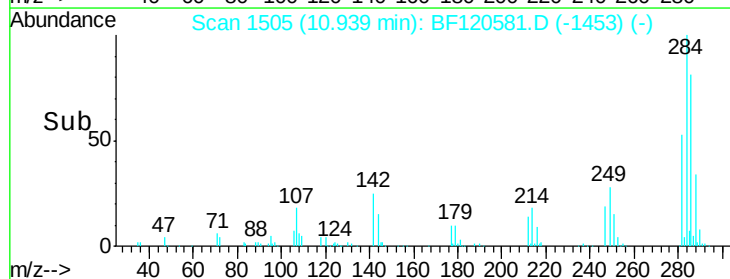
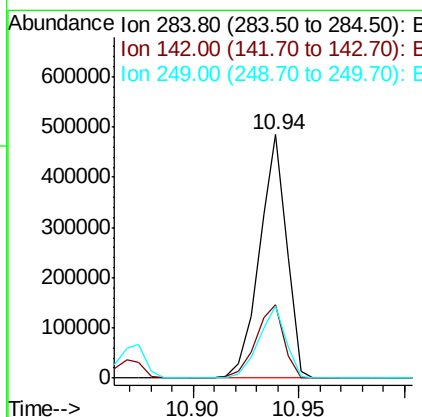
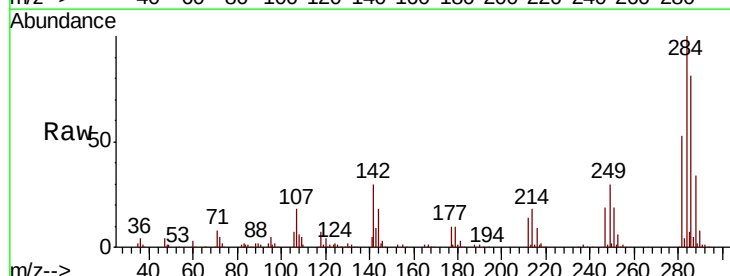
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

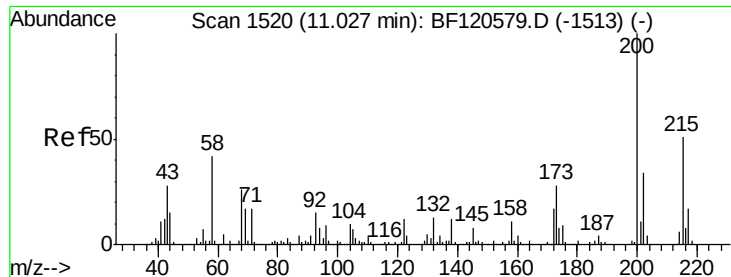
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.8  | 75.8  | 113.8 |
| 141     | 59.9  | 51.3  | 76.9  |



#68  
 Hexachlorobenzene  
 Concen: 56.207 ng  
 RT: 10.94 min Scan# 1505  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.3  | 26.5  | 39.7  |
| 249     | 29.6  | 24.1  | 36.1  |

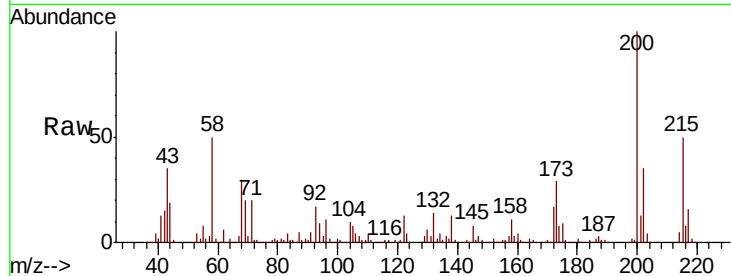




#69  
Atrazine  
Concen: 52.215 ng  
RT: 11.03 min Scan# 1520  
Delta R.T. 0.00 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.9  | 7.9   | 47.9  |
| 215     | 50.0  | 31.2  | 71.2  |

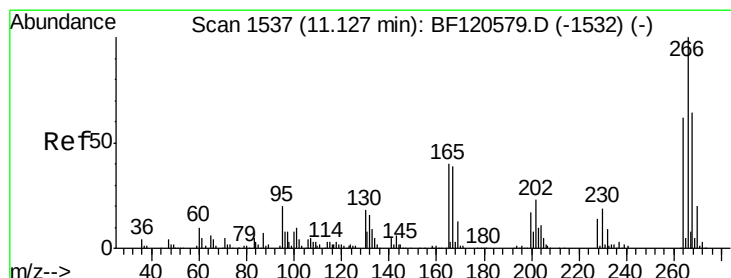
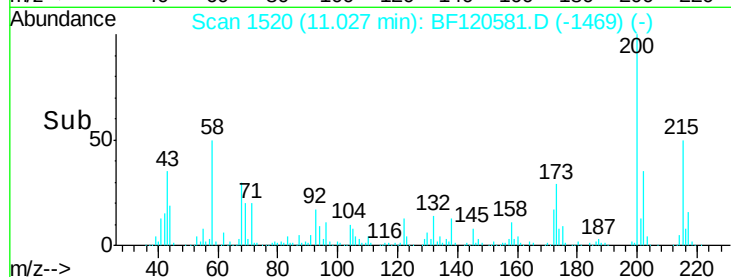
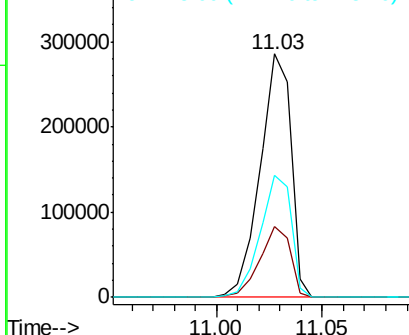


Abundance

Ion 200.00 (199.70 to 200.70): E

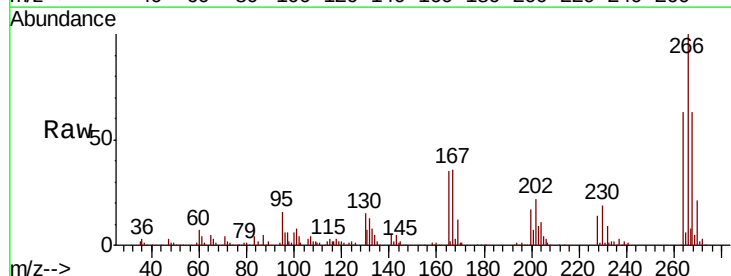
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 54.592 ng  
RT: 11.13 min Scan# 1538  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 51.3  | 76.9  |
| 264     | 63.0  | 49.4  | 74.2  |

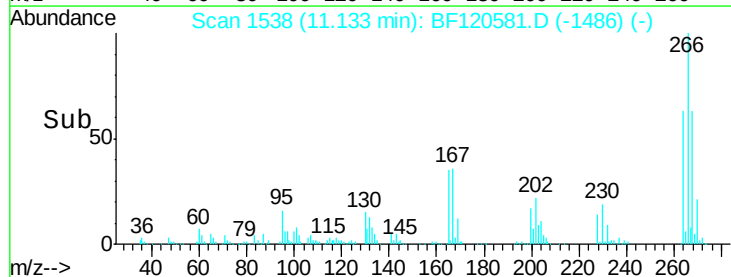
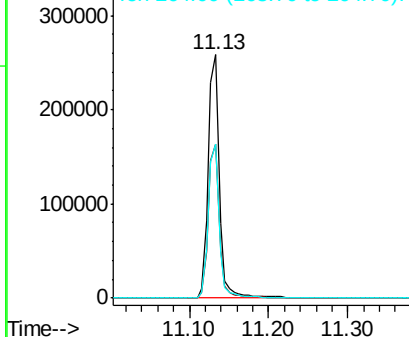


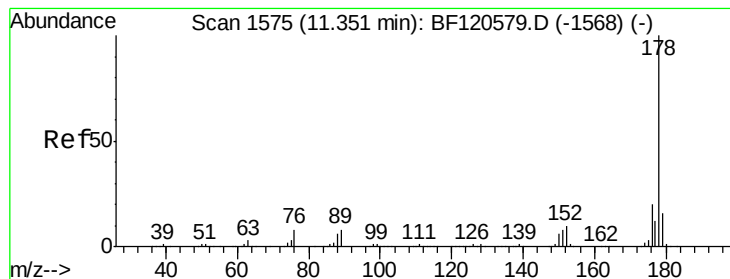
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 55.215 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

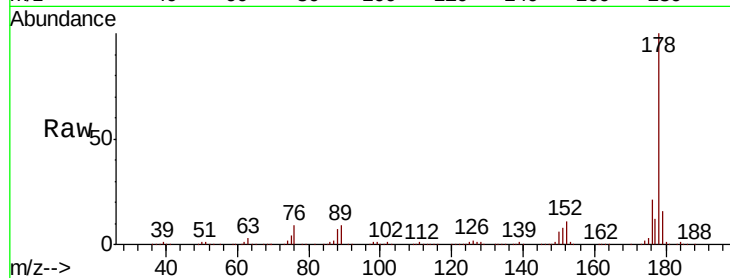
BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 1734605

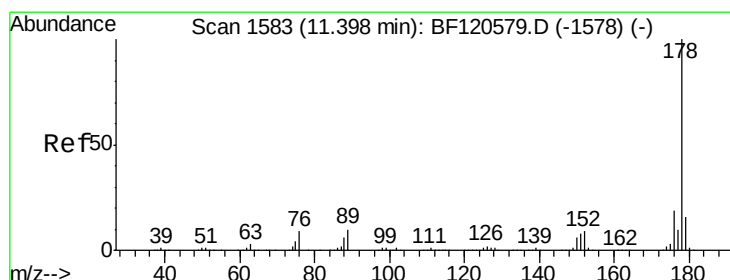
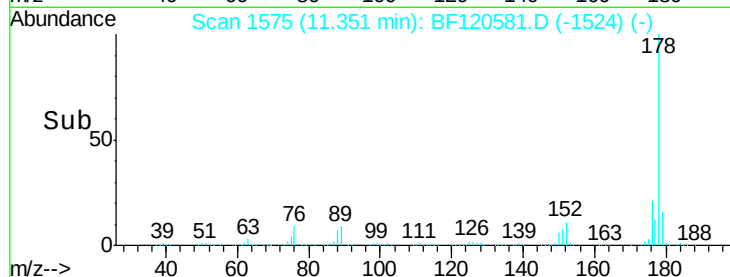
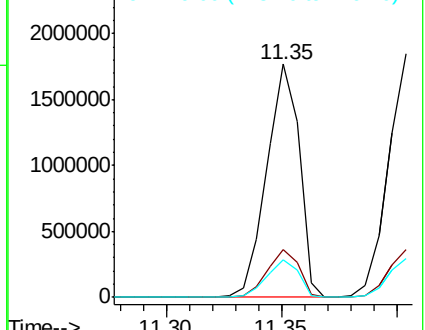
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.6  | 16.2  | 24.4  |
| 179 | 16.3  | 12.6  | 18.8  |



Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

2000000 Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.813 ng

RT: 11.40 min Scan# 1584

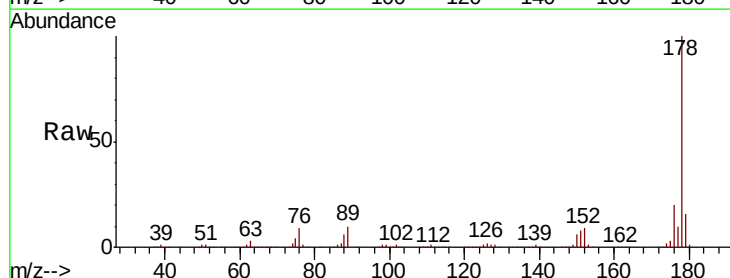
Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion:178 Resp: 1759265

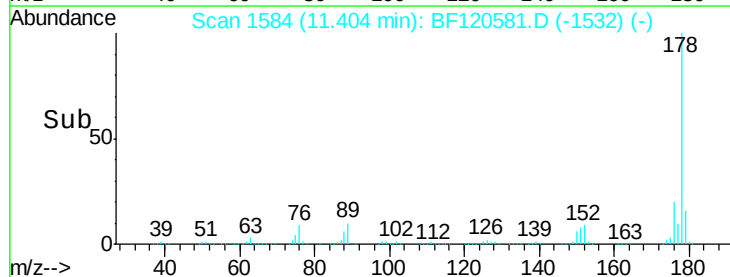
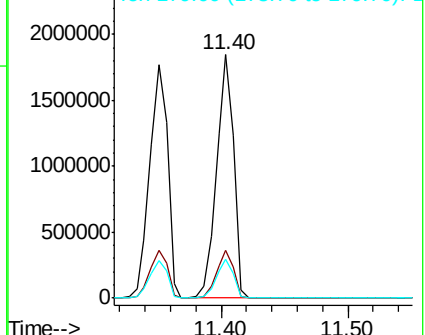
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.7  | 15.3  | 22.9  |
| 179 | 16.1  | 12.7  | 19.1  |



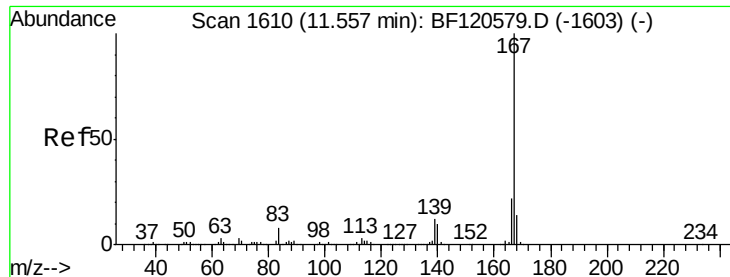
Abundance Ion 178.00 (177.70 to 178.70): E

2500000 Ion 176.00 (175.70 to 176.70): E

2000000 Ion 179.00 (178.70 to 179.70): E



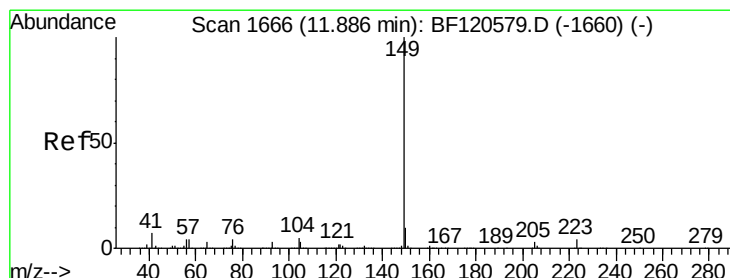
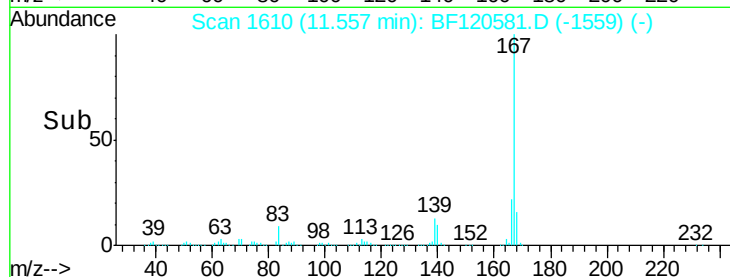
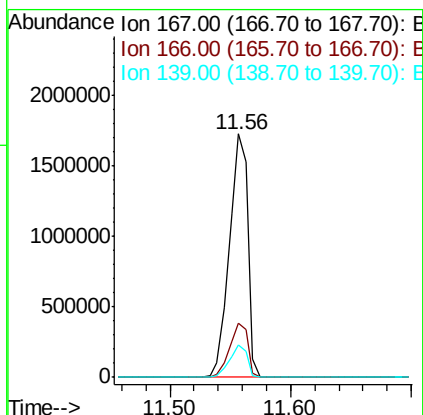
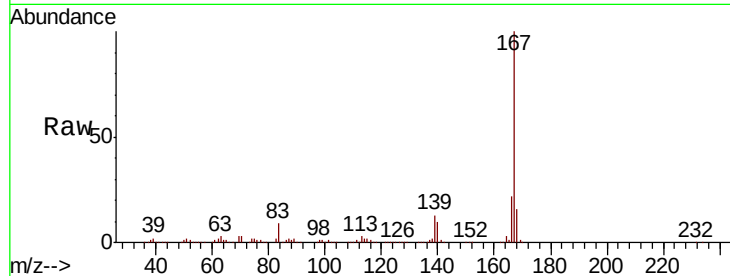




#73  
 Carbazole  
 Concen: 59.831 ng  
 RT: 11.56 min Scan# 1610  
 Delta R.T. 0.00 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

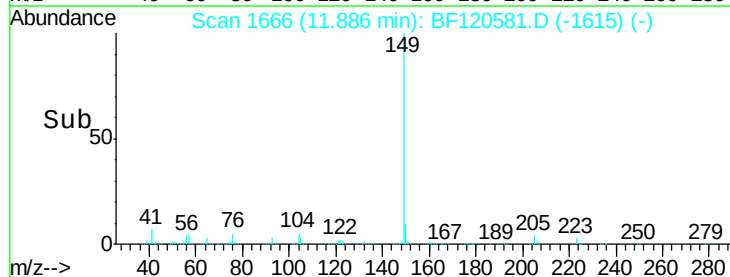
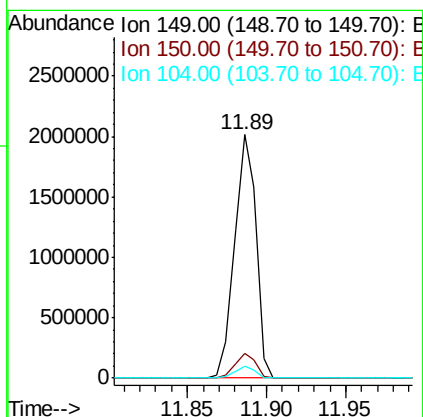
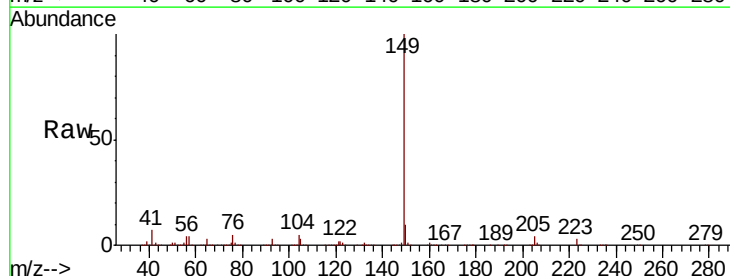
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

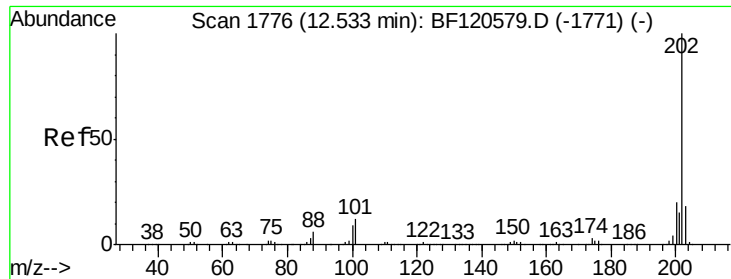
Tot Ion:167 Resp: 1824105  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.8 26.8  
 139 13.1 10.0 15.0



#74  
 Di-n-butylphthalate  
 Concen: 53.122 ng  
 RT: 11.89 min Scan# 1666  
 Delta R.T. 0.00 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

Tgt Ion:149 Resp: 1883964  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.8 11.8  
 104 5.0 3.8 5.6

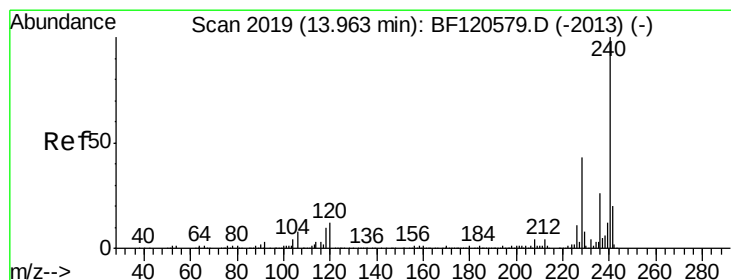
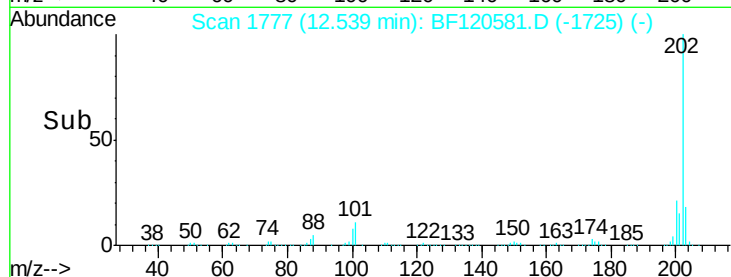
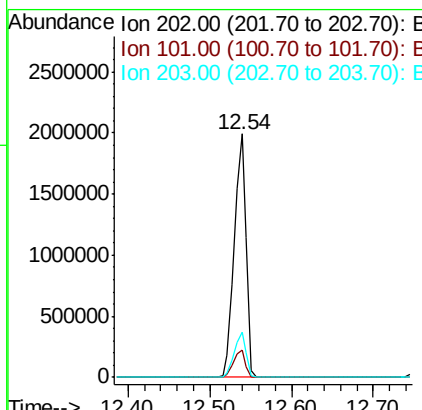
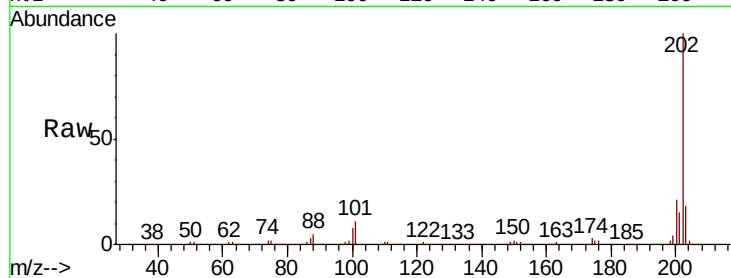




#75  
Fluoranthene  
Concen: 59.770 ng  
RT: 12.54 min Scan# 1777  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

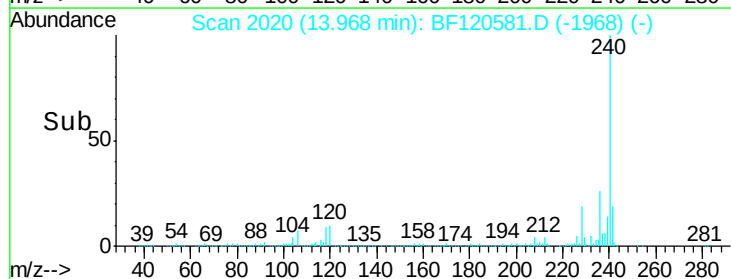
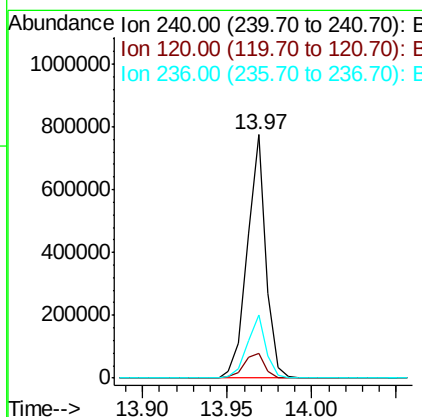
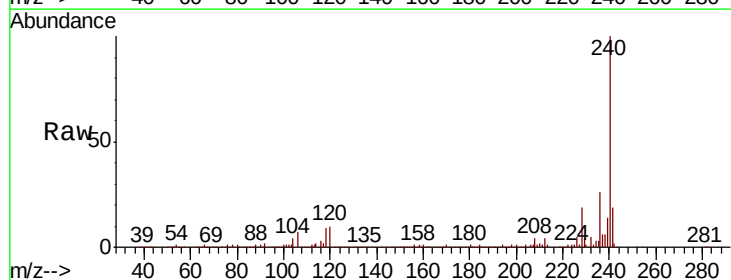
Instrument :  
BNA\_F  
ClientSampled :  
SSTDIC060

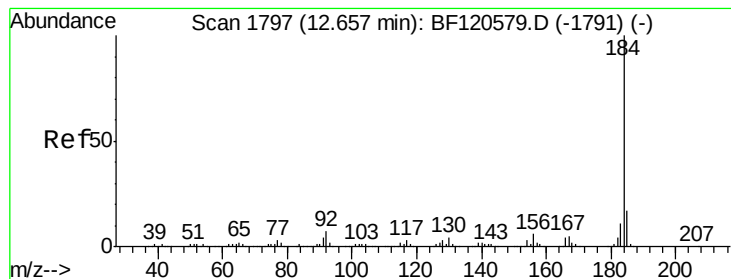
Tot Ion:202 Resp: 2020420  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 31.7  
203 18.4 0.0 38.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion:240 Resp: 596038  
Ion Ratio Lower Upper  
240 100  
120 10.1 9.3 13.9  
236 25.9 20.8 31.2





#77

Benzidine

Concen: 49.640 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

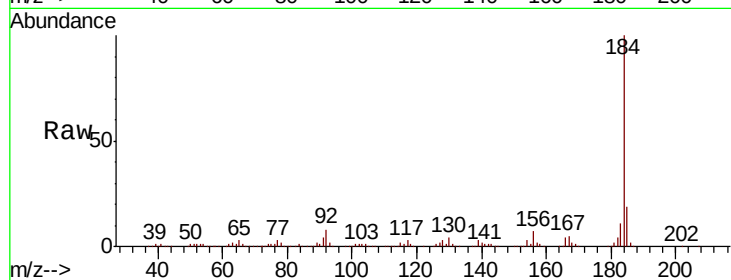
BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:184 Resp: 777392

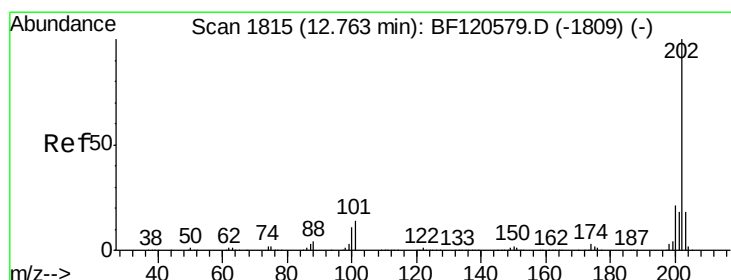
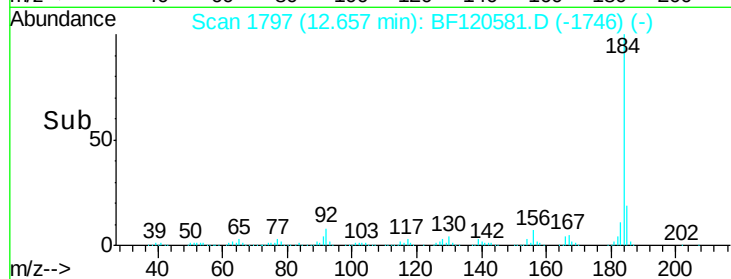
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 18.9  | 13.2  | 19.8  |
| 183 | 11.1  | 9.0   | 13.6  |



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: 50.701 ng

RT: 12.77 min Scan# 1816

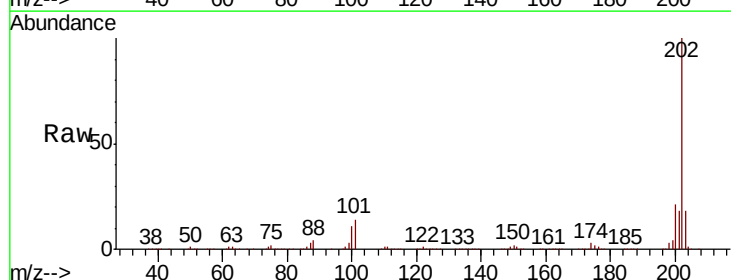
Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion:202 Resp: 2101615

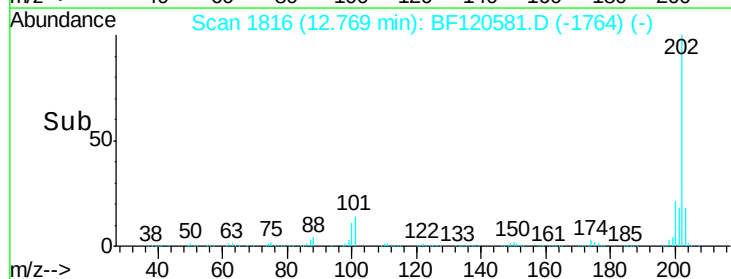
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.4  | 16.5  | 24.7  |
| 203 | 18.5  | 14.6  | 22.0  |

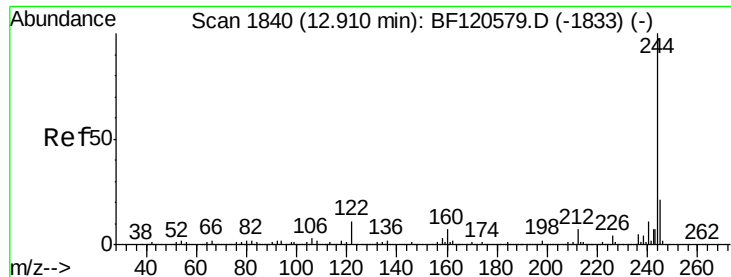


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.063 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

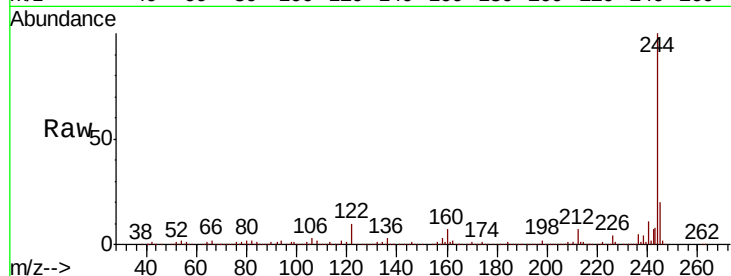
BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:244 Resp: 2573095

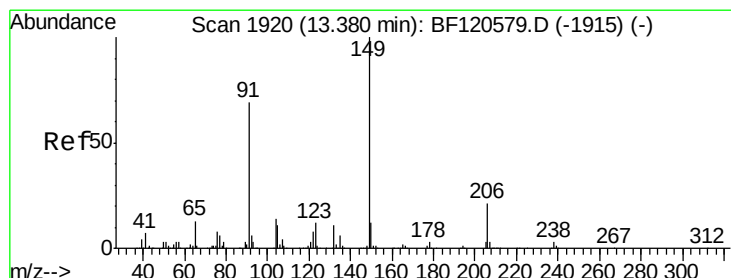
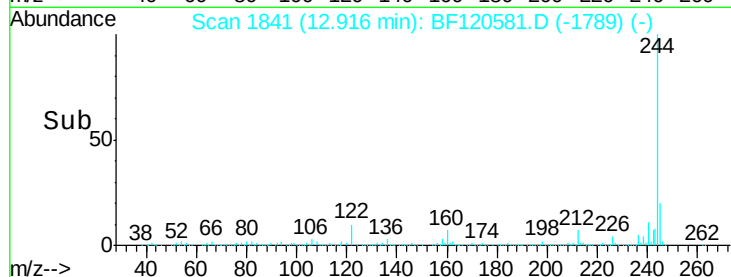
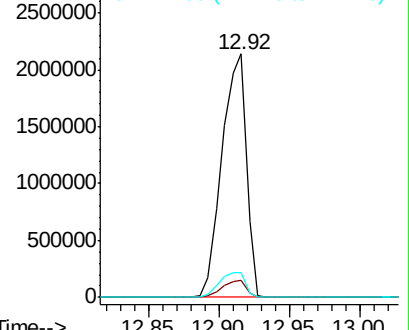
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.5   | 8.3   |
| 122 | 10.0  | 8.5   | 12.7  |



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: 53.928 ng

RT: 13.39 min Scan# 1921

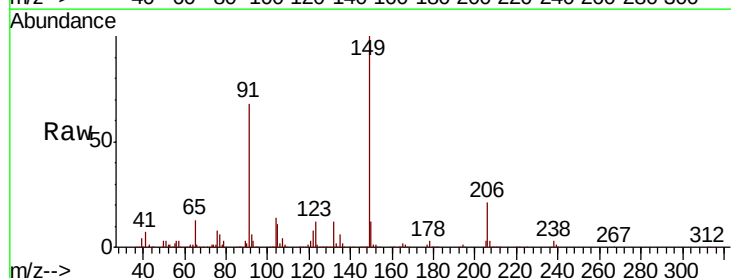
Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Tgt Ion:149 Resp: 933216

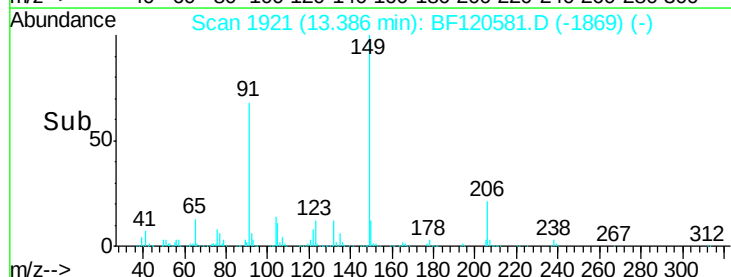
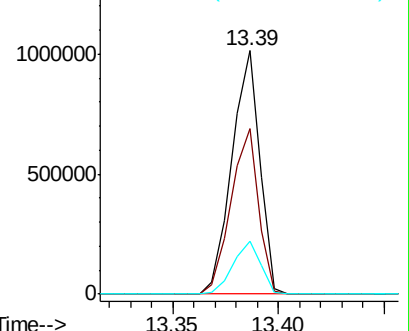
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 67.8  | 55.4  | 83.2  |
| 206 | 21.5  | 16.5  | 24.7  |

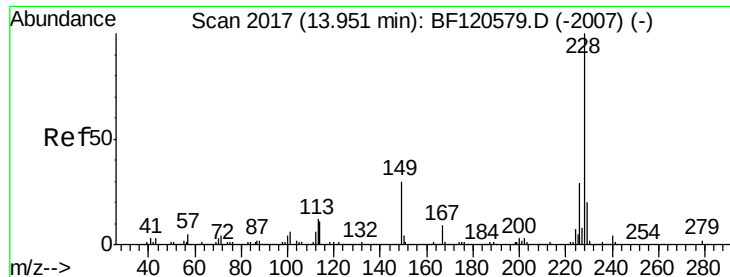


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.336 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

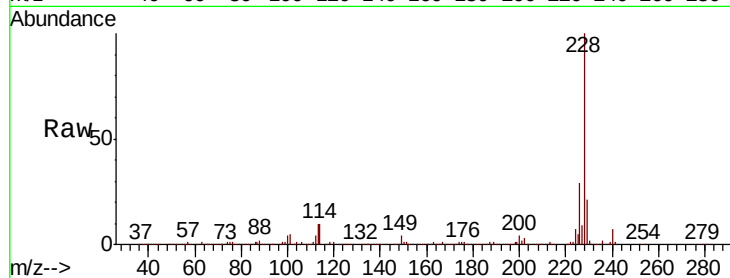
Tot Ion:228 Resp: 1767670

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

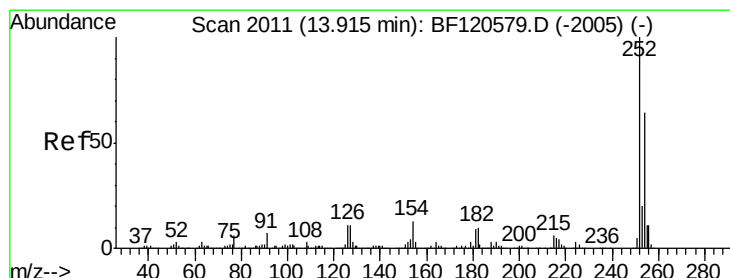
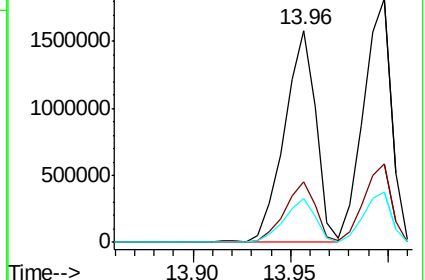
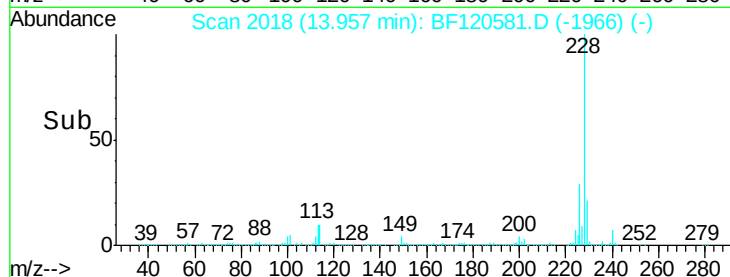
229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 55.923 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

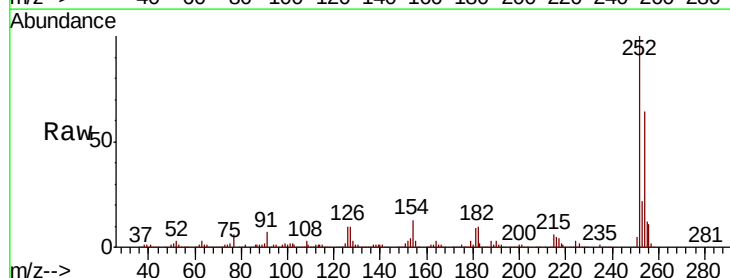
Tgt Ion:252 Resp: 648567

Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

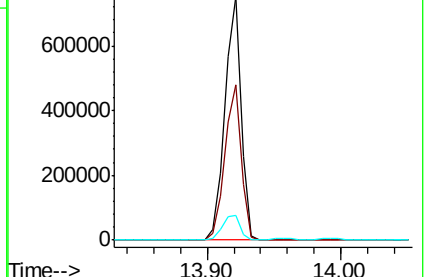
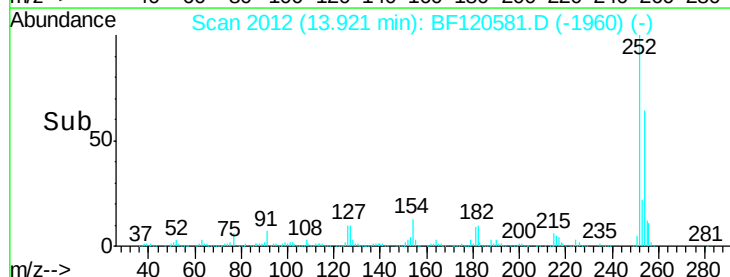
126 10.3 8.4 12.6

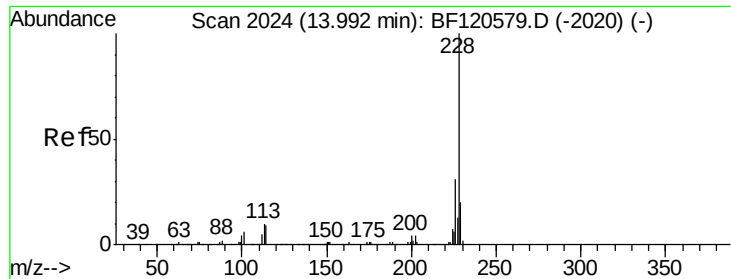


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.653 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

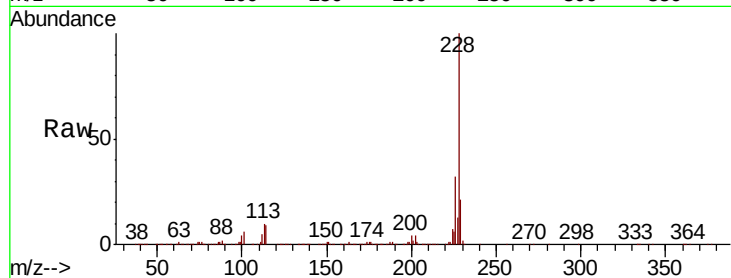
Tot Ion:228 Resp: 1796809

Ion Ratio Lower Upper

228 100

226 32.3 25.0 37.6

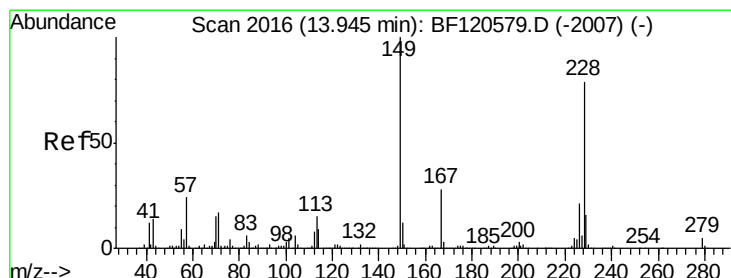
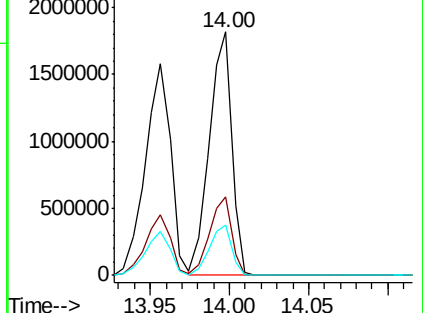
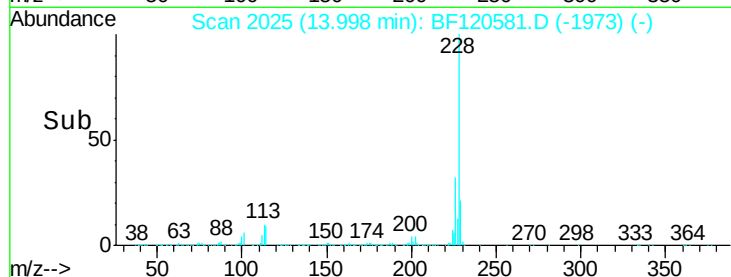
229 20.6 16.2 24.2



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: 56.272 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

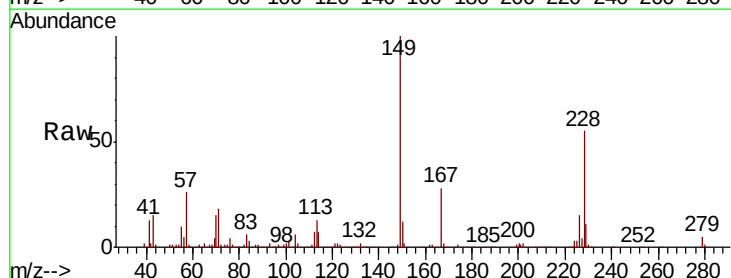
Tgt Ion:149 Resp: 1143092

Ion Ratio Lower Upper

149 100

167 28.4 22.6 33.8

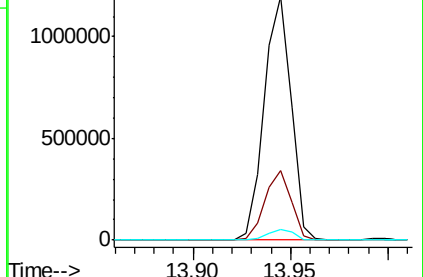
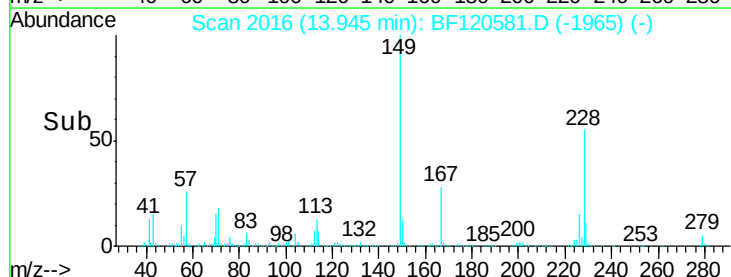
279 4.6 3.6 5.4

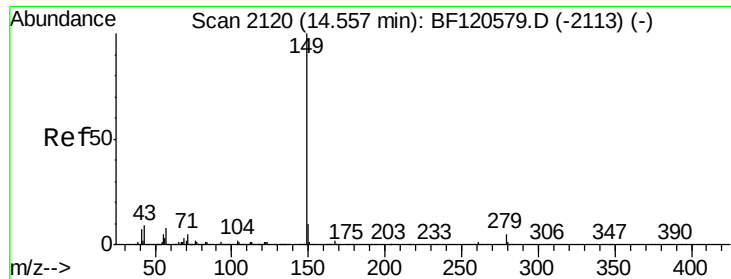


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.202 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

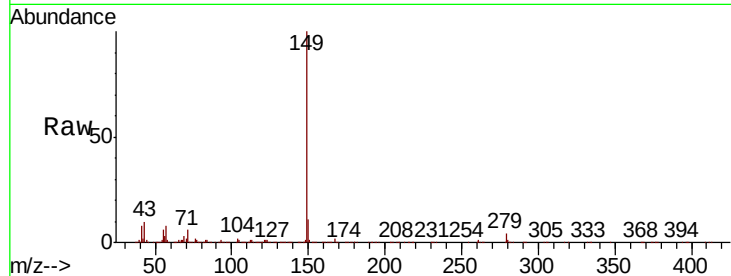
Tot Ion:149 Resp: 1940312

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

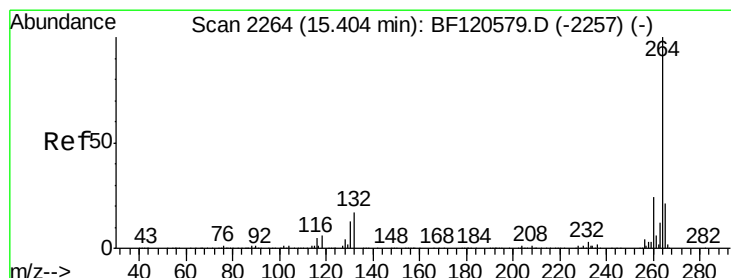
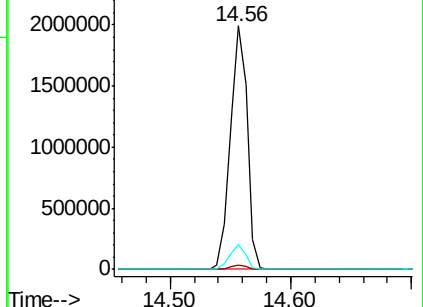
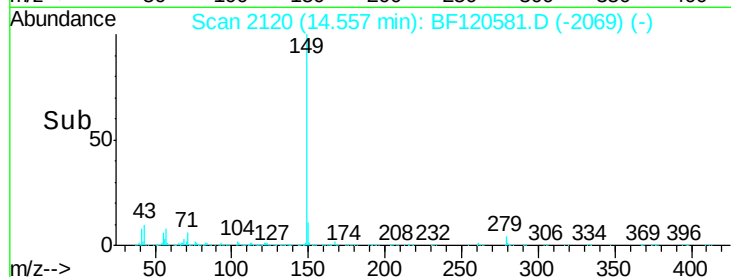
43 9.8 7.6 11.4



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: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF120581.D

Acq: 9 Jun 2020 15:38

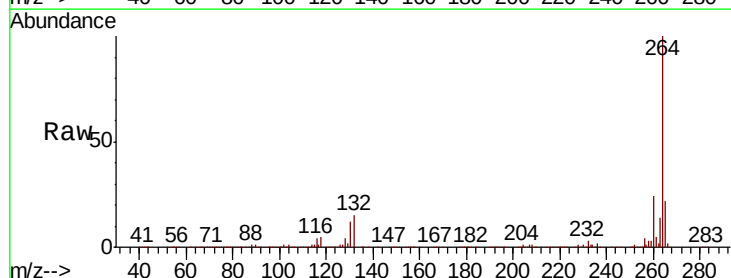
Tgt Ion:264 Resp: 660094

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

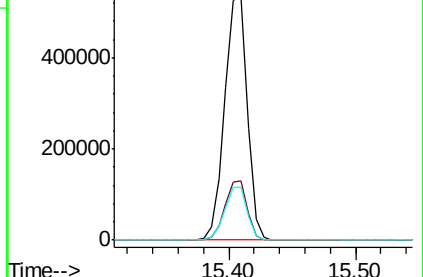
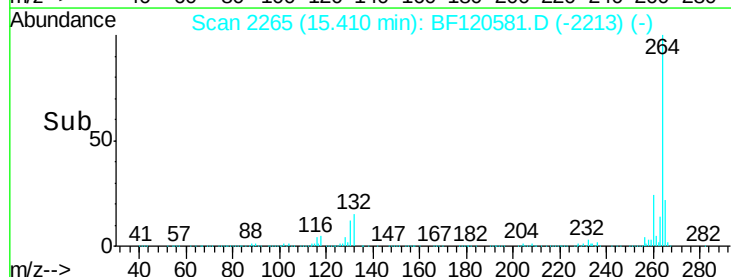
265 21.7 17.1 25.7

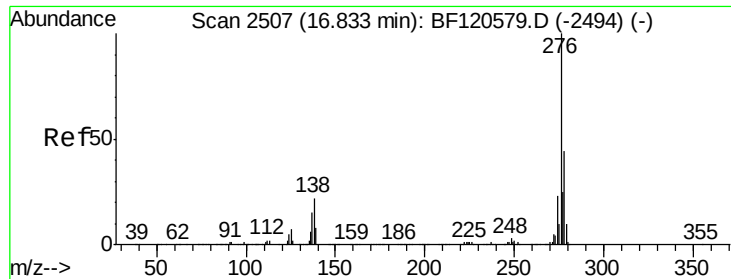


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

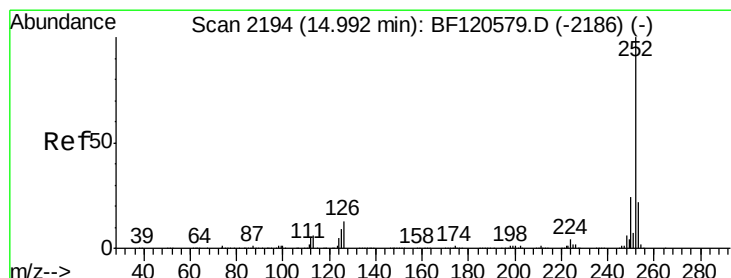
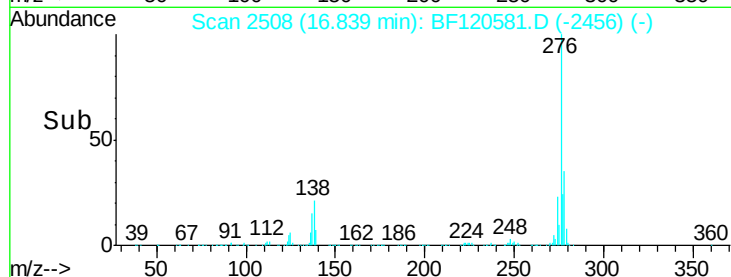
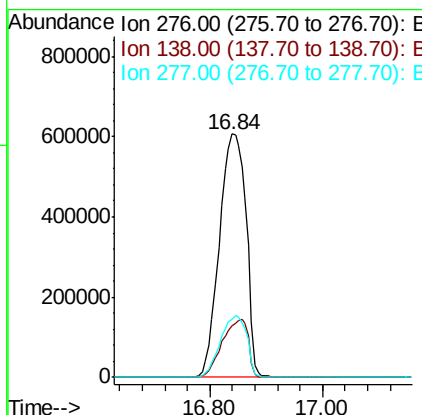
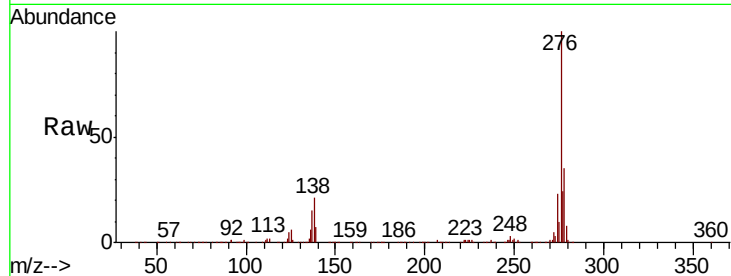




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 55.333 ng  
 RT: 16.84 min Scan# 2508  
 Delta R.T. 0.01 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

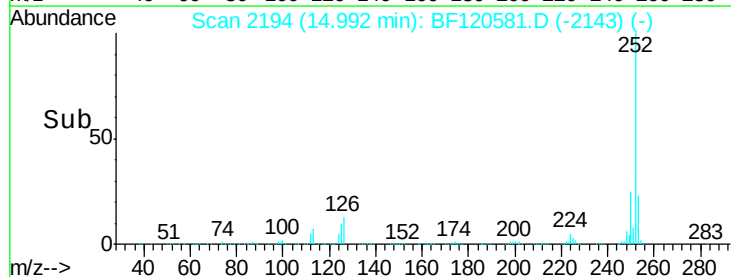
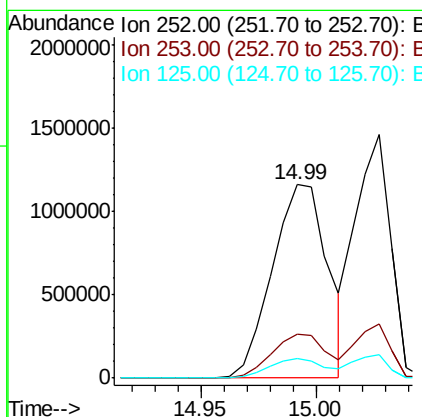
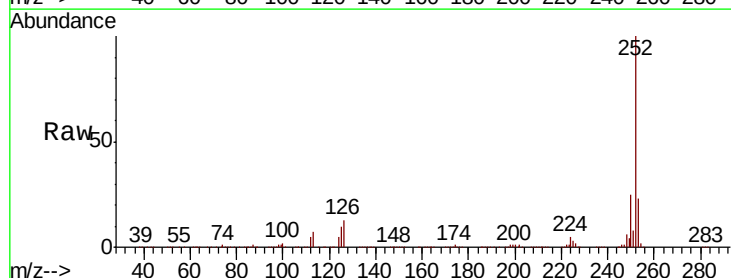
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:276 Resp: 1997718  
 Ion Ratio Lower Upper  
 276 100  
 138 23.4 19.4 29.0  
 277 25.2 20.3 30.5

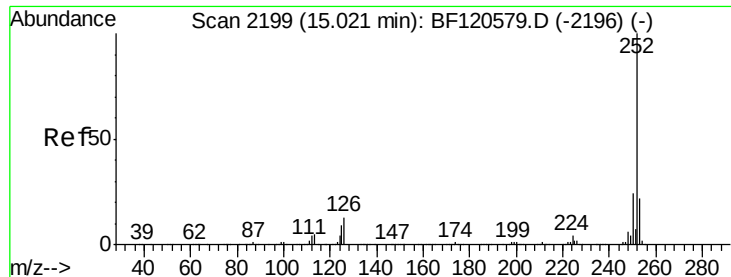


#88  
 Benzo(b)fluoranthene  
 Concen: 52.603 ng  
 RT: 14.99 min Scan# 2194  
 Delta R.T. 0.00 min  
 Lab File: BF120581.D  
 Acq: 9 Jun 2020 15:38

Tgt Ion:252 Resp: 1928616  
 Ion Ratio Lower Upper  
 252 100  
 253 22.8 17.6 26.4  
 125 10.0 7.6 11.4



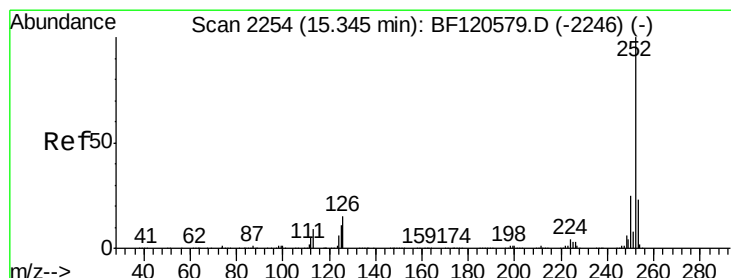
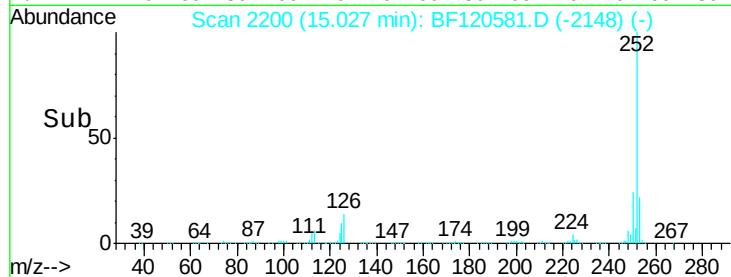
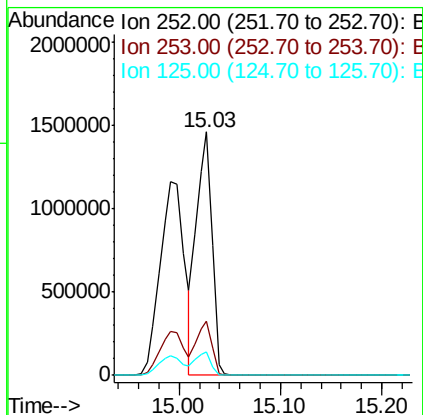
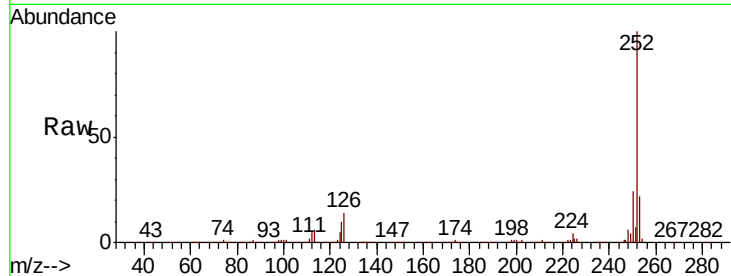




#89  
Benzo(k)fluoranthene  
Concen: 45.464 ng  
RT: 15.03 min Scan# 2200  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

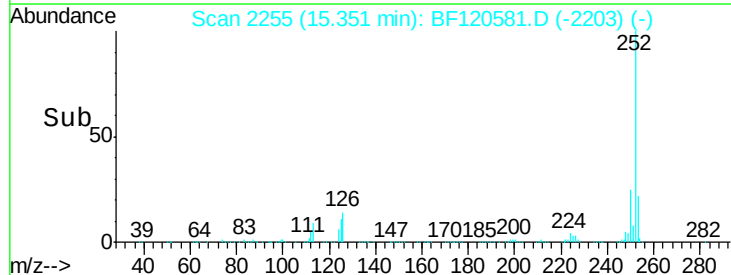
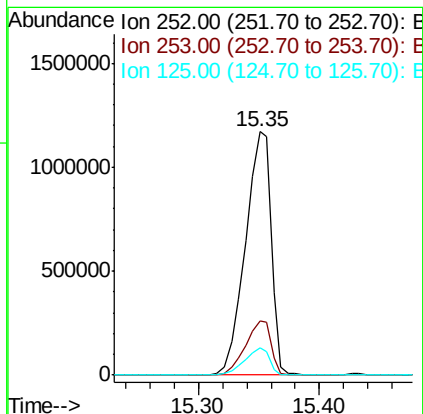
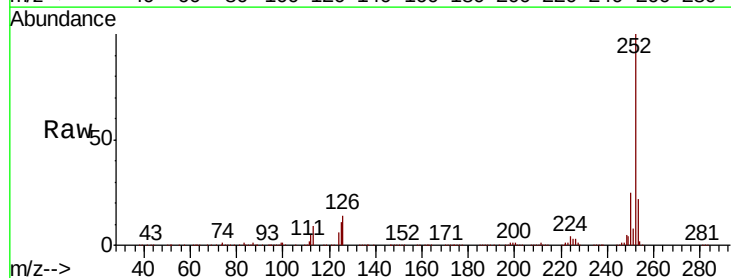
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

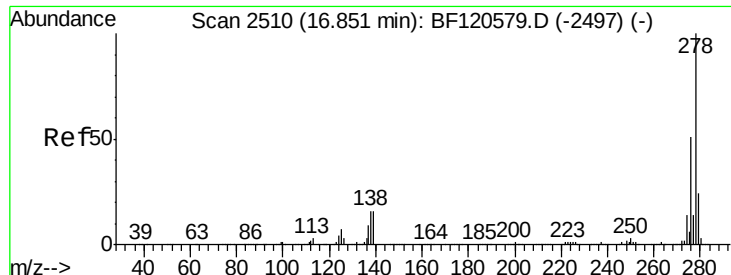
Tot Ion:252 Resp: 1556104  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.7 26.5  
125 9.5 7.6 11.4



#90  
Benzo(a)pyrene  
Concen: 54.649 ng  
RT: 15.35 min Scan# 2255  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion:252 Resp: 1752574  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.1 27.1  
125 11.2 9.0 13.6



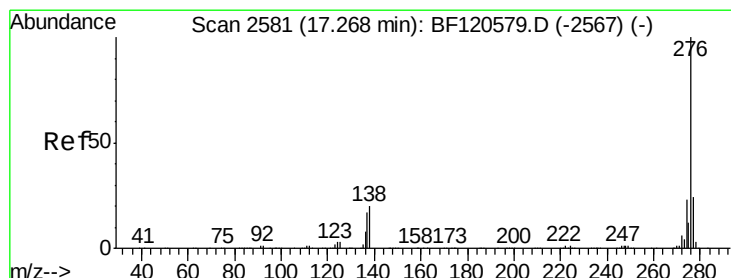
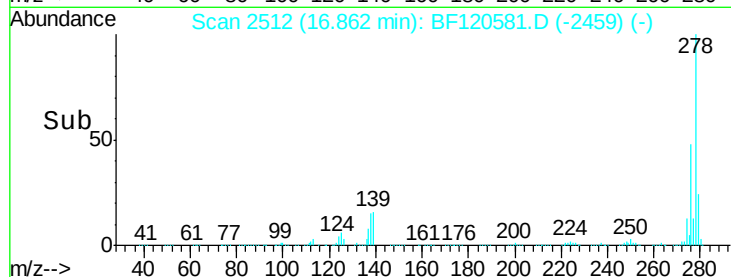
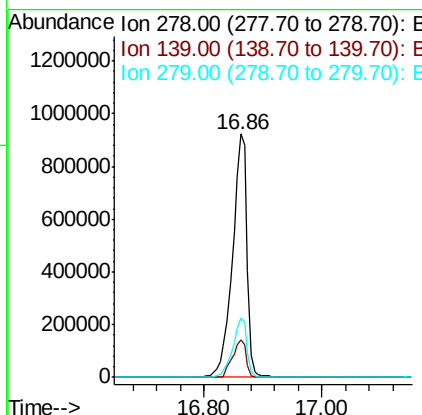
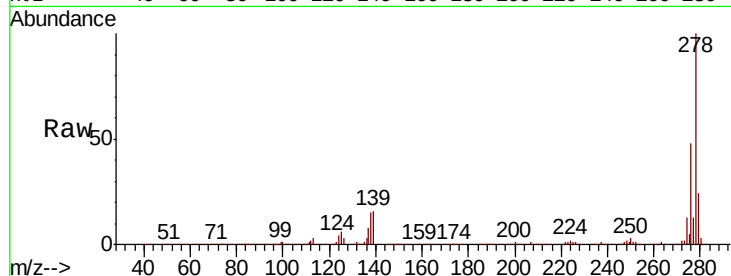


#91  
Dibenzo(a,h)anthracene  
Concen: 53.819 ng  
RT: 16.86 min Scan# 2512  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:278 Resp: 1584148  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.6  | 13.0  | 19.6  |
| 279 | 24.4  | 19.4  | 29.2  |



#92  
Benzo(g,h,i)perylene  
Concen: 55.370 ng  
RT: 17.28 min Scan# 2583  
Delta R.T. 0.01 min  
Lab File: BF120581.D  
Acq: 9 Jun 2020 15:38

Tgt Ion:276 Resp: 1607433  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.6  | 19.4  | 29.2  |
| 138 | 20.2  | 16.3  | 24.5  |

