

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\  
 Data File : BF120712.D  
 Acq On : 26 Jun 2020 16:47  
 Operator : JU/CG  
 Sample : PB129807BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

Quant Time: Jun 26 18:38:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 11:28:22 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 142660   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.07  | 136  | 542524   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.83  | 164  | 284077   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.32 | 188  | 538697   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.96 | 240  | 245098   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.40 | 264  | 263867   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 938056  | 112.73 | ng | 0.00  |
| 7) Phenol-d6             | 6.43  | 99  | 1162151 | 112.14 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 743369  | 76.59  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 366825  | 111.07 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.15  | 172 | 1430457 | 77.04  | ng | -0.01 |
| 79) Terphenyl-d14        | 12.90 | 244 | 1012161 | 91.22  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.54 | 88  | 133084  | 33.745 | ng | 99     |
| 3) Pyridine                    | 3.28 | 79  | 388088  | 35.005 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 175817  | 38.213 | ng | 96     |
| 6) Aniline                     | 6.46 | 93  | 401730  | 30.289 | ng | 99     |
| 8) 2-Chlorophenol              | 6.58 | 128 | 405613  | 43.136 | ng | 98     |
| 9) Benzaldehyde                | 6.34 | 77  | 167060  | 25.485 | ng | 99     |
| 10) Phenol                     | 6.45 | 94  | 460141  | 41.613 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 365954  | 39.733 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 411081  | 41.123 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 415904  | 42.168 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 383300  | 39.895 | ng | 99     |
| 15) Benzyl Alcohol             | 6.94 | 79  | 303314  | 41.269 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 515735  | 38.889 | ng | 98     |
| 17) 2-Methylphenol             | 7.05 | 107 | 319186  | 39.800 | ng | 99     |
| 18) Hexachloroethane           | 7.30 | 117 | 150904  | 41.522 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 243386  | 40.486 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 369985  | 36.919 | ng | # 89   |
| 22) Acetophenone               | 7.20 | 105 | 482594  | 39.788 | ng | # 98   |
| 24) Nitrobenzene               | 7.37 | 77  | 396172  | 39.005 | ng | 98     |
| 25) Isophorone                 | 7.62 | 82  | 705768  | 37.329 | ng | 97     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 217932  | 40.558 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 325462  | 41.137 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93  | 455650  | 41.576 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.94 | 162 | 329990  | 41.032 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 359742  | 40.364 | ng | 99     |
| 31) Naphthalene                | 8.10 | 128 | 1103324 | 41.416 | ng | 100    |
| 32) Benzoic acid               | 7.87 | 122 | 190517  | 31.385 | ng | 95     |
| 33) 4-Chloroaniline            | 8.15 | 127 | 278016  | 22.737 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 207211  | 39.886 | ng | 99     |
| 35) Caprolactam                | 8.52 | 113 | 66965   | 26.035 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 336312  | 41.857 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.79 | 142 | 746392  | 42.919 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.89 | 142 | 707083  | 43.209 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 344256  | 40.585 | ng | 99     |

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 Data File : BF120712.D  
 Acq On : 26 Jun 2020 16:47  
 Operator : JU/CG  
 Sample : PB129807BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

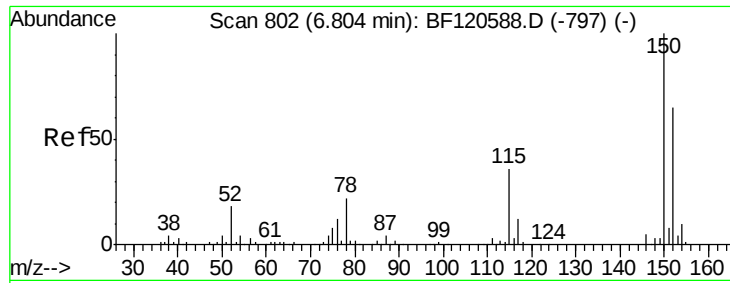
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

Quant Time: Jun 26 18:38:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 11:28:22 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.94  | 237  | 375010   | 78.895 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.07  | 196  | 244053   | 40.560 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.12  | 196  | 253810   | 37.180 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.25  | 154  | 894570   | 42.172 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 9.28  | 162  | 704687   | 40.625 | ng    | 99       |
| 48) 2-Nitroaniline             | 9.37  | 65   | 212168   | 38.945 | ng    | 98       |
| 49) Acenaphthylene             | 9.69  | 152  | 1102601  | 41.187 | ng    | 100      |
| 50) Dimethylphthalate          | 9.56  | 163  | 840424   | 41.078 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.62  | 165  | 190095   | 40.998 | ng    | 98       |
| 52) Acenaphthene               | 9.86  | 154  | 647234   | 40.538 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.79  | 138  | 129959   | 23.336 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.90  | 184  | 88370    | 34.307 | ng    | 100      |
| 55) Dibenzofuran               | 10.04 | 168  | 982315   | 40.126 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.96  | 139  | 283237   | 67.528 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.03 | 165  | 246367   | 40.043 | ng    | 98       |
| 58) Fluorene                   | 10.38 | 166  | 755454   | 40.030 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.16 | 232  | 218231   | 40.634 | ng    | 99       |
| 60) Diethylphthalate           | 10.26 | 149  | 828236   | 41.103 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204  | 370170   | 37.982 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.40 | 138  | 196014   | 35.453 | ng    | 98       |
| 63) Azobenzene                 | 10.53 | 77   | 741282   | 40.527 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.43 | 198  | 87489    | 27.066 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.49 | 169  | 709276   | 42.875 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.86 | 248  | 247956   | 40.557 | ng    | 99       |
| 68) Hexachlorobenzene          | 10.93 | 284  | 278463   | 42.363 | ng    | 99       |
| 69) Atrazine                   | 11.02 | 200  | 208244   | 40.679 | ng    | 98       |
| 70) Pentachlorophenol          | 11.13 | 266  | 255761   | 69.986 | ng    | 99       |
| 71) Phenanthrene               | 11.35 | 178  | 1129303  | 42.172 | ng    | 99       |
| 72) Anthracene                 | 11.39 | 178  | 1176324  | 43.580 | ng    | 99       |
| 73) Carbazole                  | 11.55 | 167  | 1076701  | 40.297 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.88 | 149  | 1267198  | 42.185 | ng    | 100      |
| 75) Fluoranthene               | 12.53 | 202  | 722730   | 23.606 | ng    | 96       |
| 77) Benzidine                  | 12.65 | 184  | 283789   | 34.237 | ng    | 99       |
| 78) Pyrene                     | 12.76 | 202  | 722230   | 41.596 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.37 | 149  | 313100   | 40.610 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.95 | 228  | 651736   | 44.260 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 163603   | 29.087 | ng    | 100      |
| 83) Chrysene                   | 13.99 | 228  | 636555   | 42.143 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 436318   | 46.370 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 14.55 | 149  | 766843   | 42.703 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.84 | 276  | 776857   | 48.401 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 14.99 | 252  | 738674   | 46.995 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.02 | 252  | 592377   | 42.592 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.34 | 252  | 612920   | 43.572 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.86 | 278  | 635842   | 49.401 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.27 | 276  | 640879   | 49.399 | ng    | 96       |

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



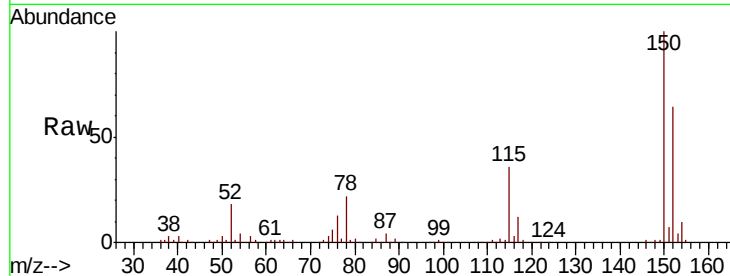


#1

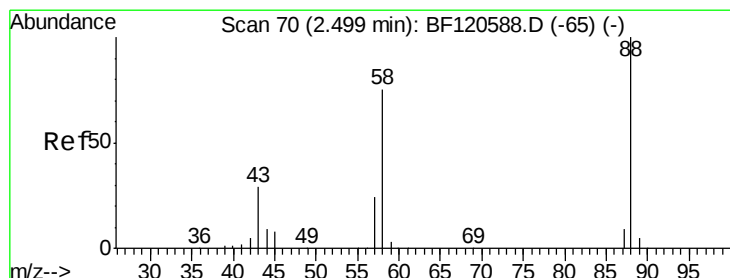
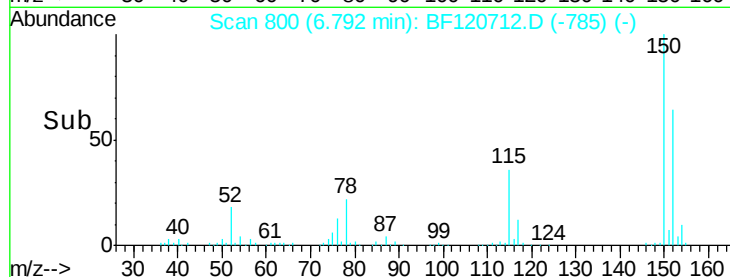
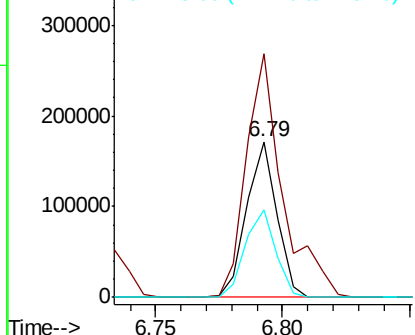
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

Tot Ion:152 Resp: 142660  
Ion Ratio Lower Upper  
152 100  
150 156.7 123.2 184.8  
115 56.1 43.9 65.9



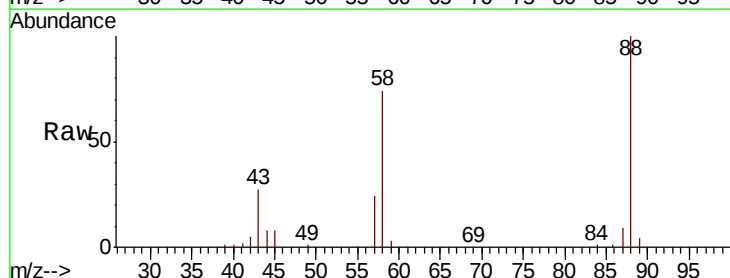
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



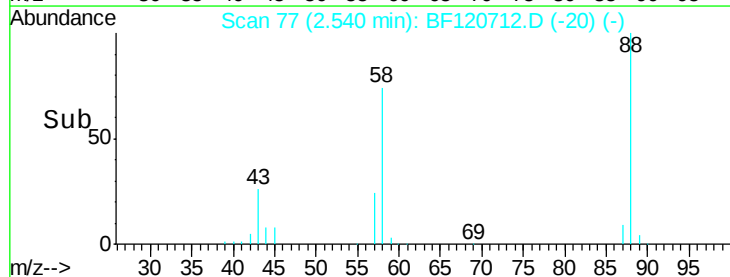
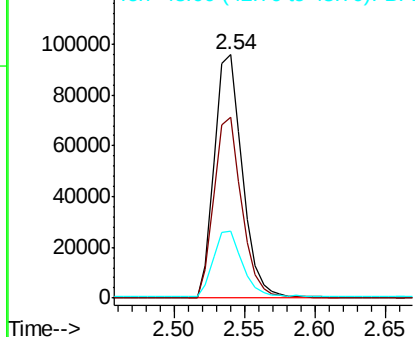
#2

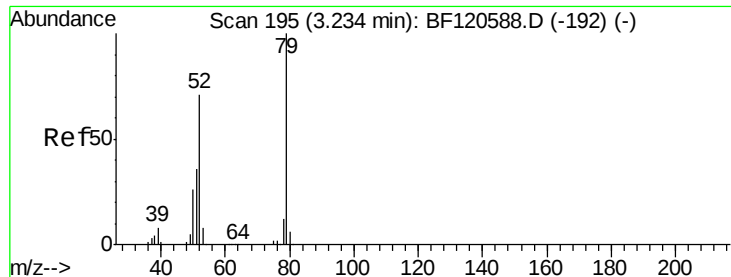
1,4-Dioxane  
Concen: 33.745 ng  
RT: 2.54 min Scan# 77  
Delta R.T. 0.04 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion: 88 Resp: 133084  
Ion Ratio Lower Upper  
88 100  
58 74.1 59.6 89.4  
43 27.5 23.1 34.7



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: 35.005 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.04 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

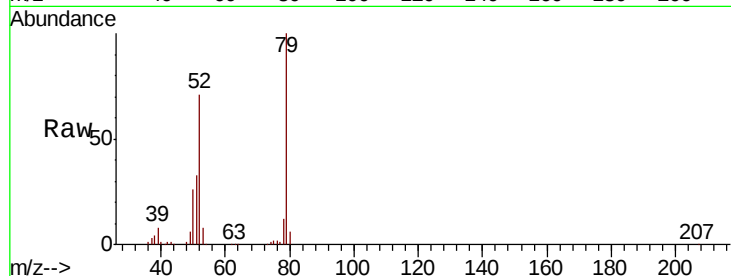
Tot Ion: 79 Resp: 388088

Ion Ratio Lower Upper

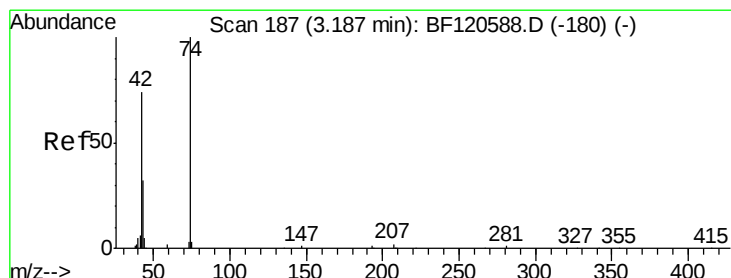
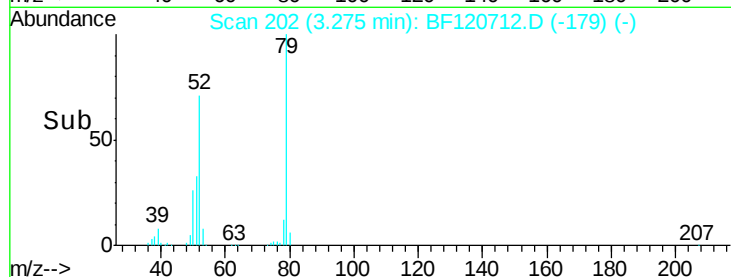
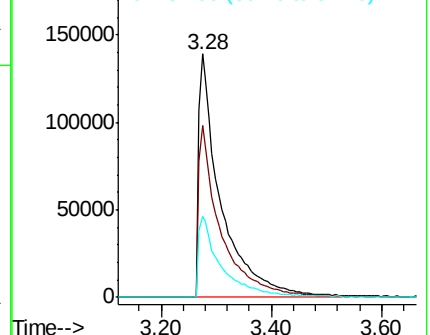
79 100

52 70.8 57.0 85.6

51 33.2 28.5 42.7



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



#4

n-Nitrosodimethylamine

Concen: 38.213 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.03 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

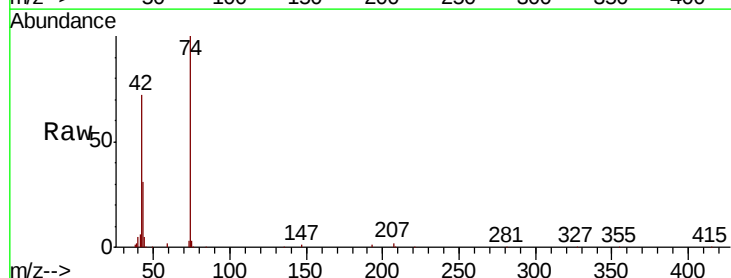
Tgt Ion: 42 Resp: 175817

Ion Ratio Lower Upper

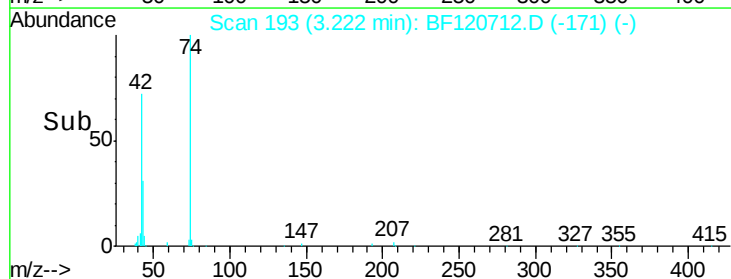
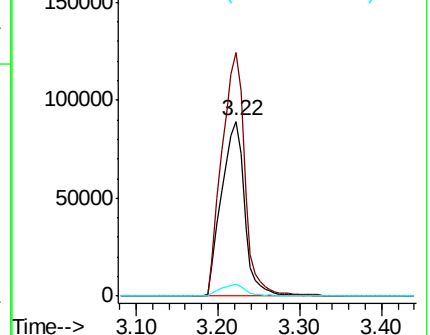
42 100

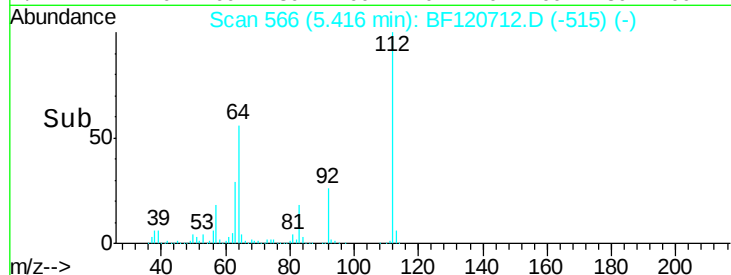
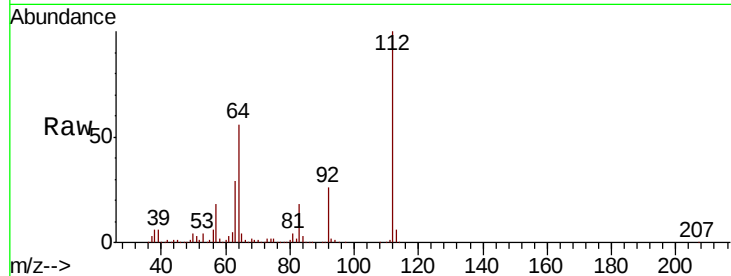
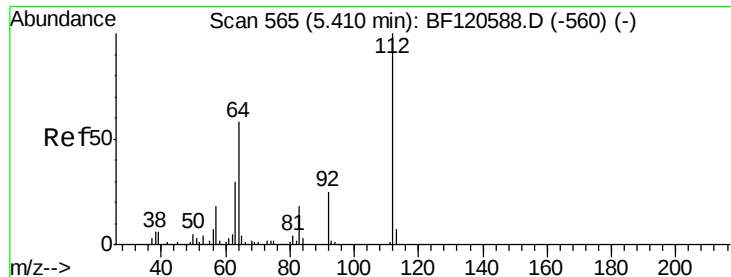
74 139.3 107.8 161.6

44 6.7 5.1 7.7



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

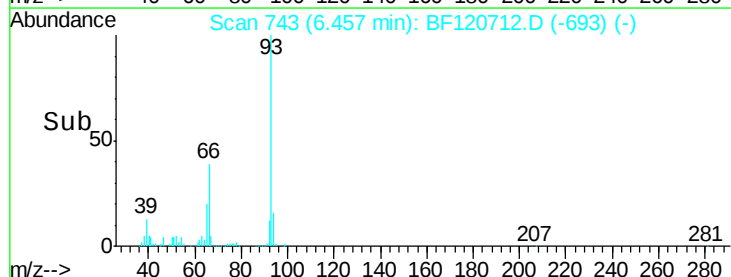
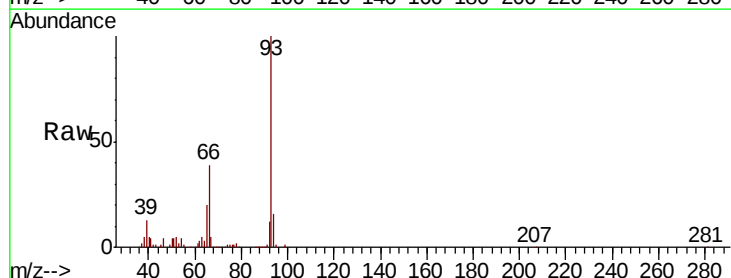
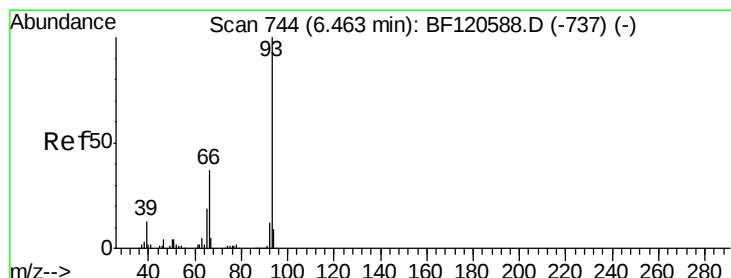
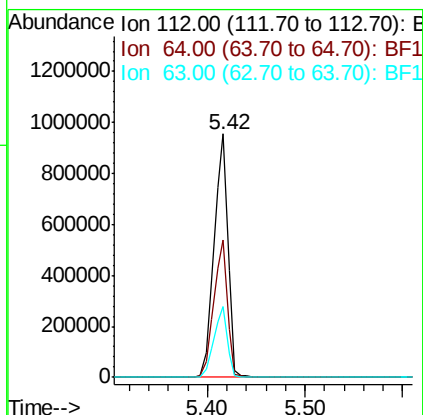




#5  
2-Fluorophenol  
Concen: 112.733 ng  
RT: 5.42 min Scan# 566  
Delta R.T. 0.00 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

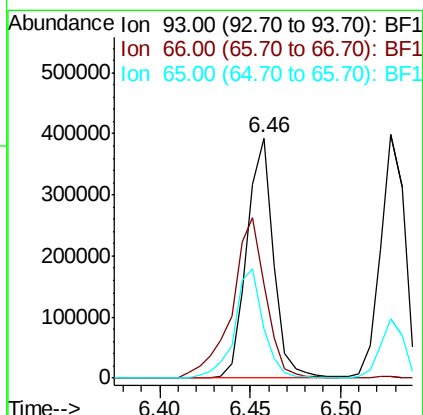
Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

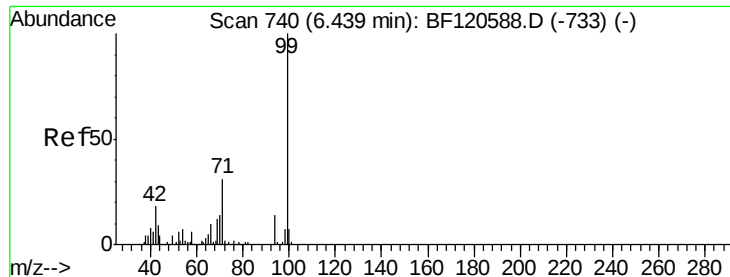
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.2  | 46.1  | 69.1  |
| 63      | 28.9  | 23.7  | 35.5  |



#6  
Aniline  
Concen: 30.289 ng  
RT: 6.46 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 39.0  | 30.9  | 46.3  |
| 65      | 20.4  | 15.9  | 23.9  |





#7

Phenol-d6

Concen: 112.136 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

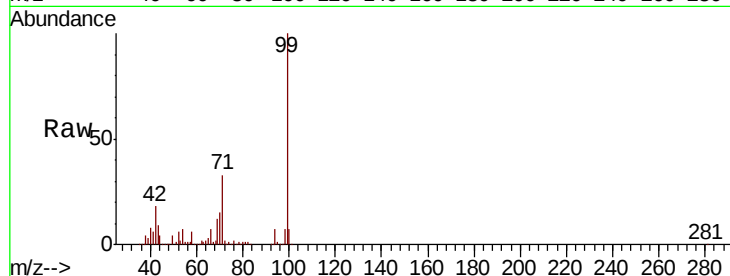
Tot Ion: 99 Resp: 1162151

Ion Ratio Lower Upper

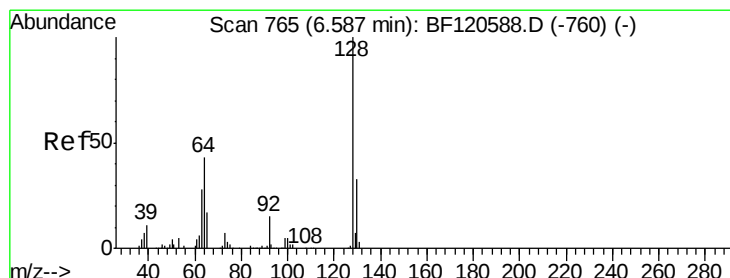
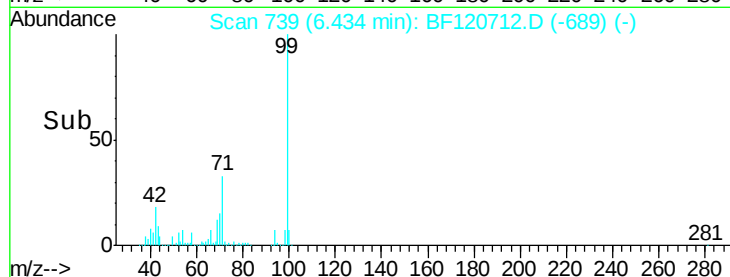
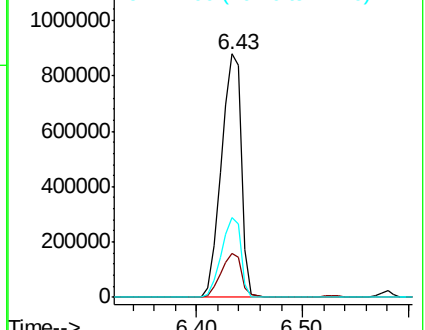
99 100

42 18.2 14.0 21.0

71 32.8 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1  
1200000  
Ion 42.00 (41.70 to 42.70): BF1  
1000000  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.136 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

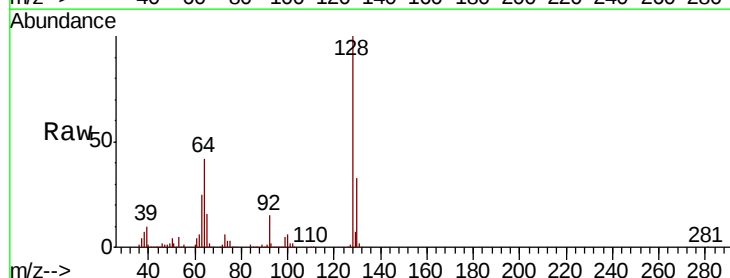
Tgt Ion: 128 Resp: 405613

Ion Ratio Lower Upper

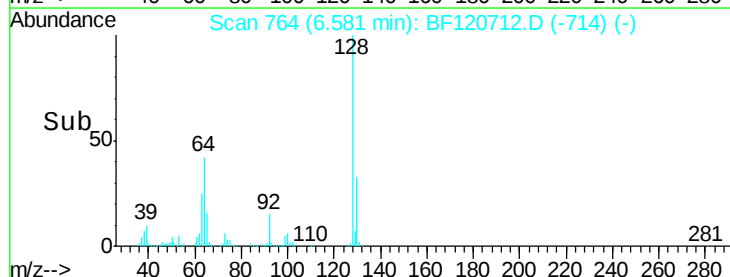
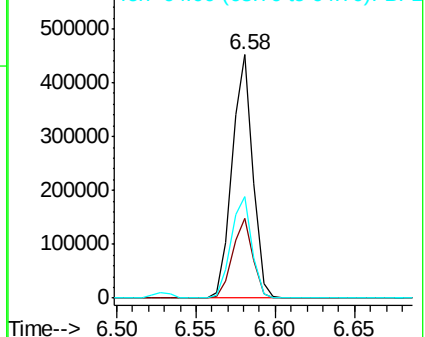
128 100

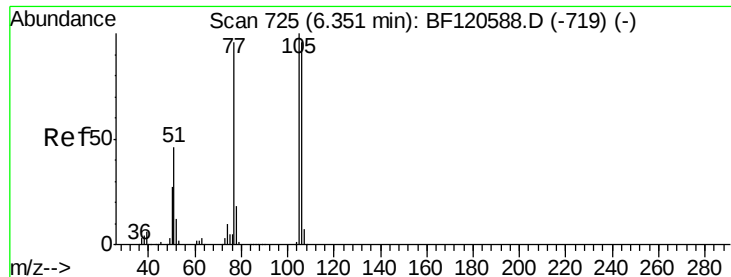
130 32.6 12.6 52.6

64 41.8 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E  
600000  
Ion 130.00 (129.70 to 130.70): E  
500000  
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.485 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampled :

PB129807BS

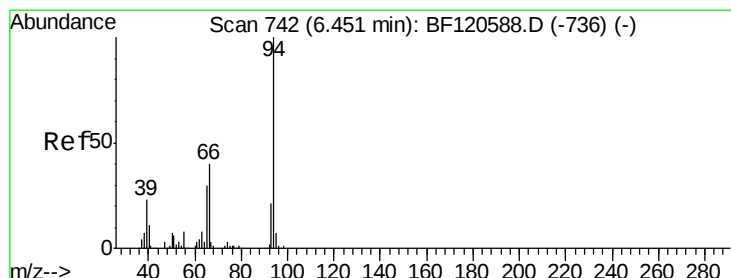
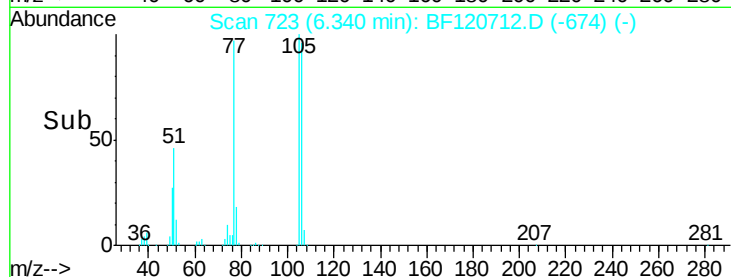
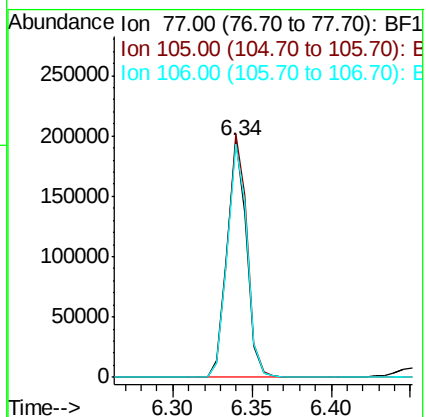
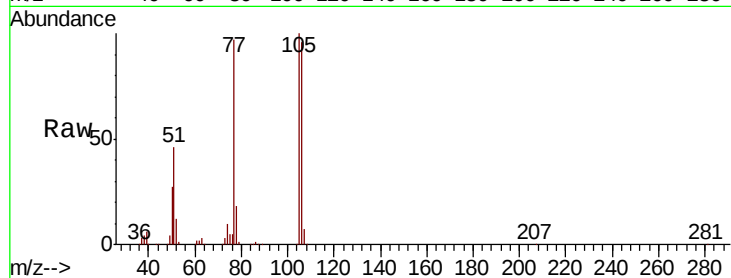
Tot Ion: 77 Resp: 167060

Ion Ratio Lower Upper

77 100

105 102.8 83.8 123.8

106 98.6 79.3 119.3



#10

Phenol

Concen: 41.613 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

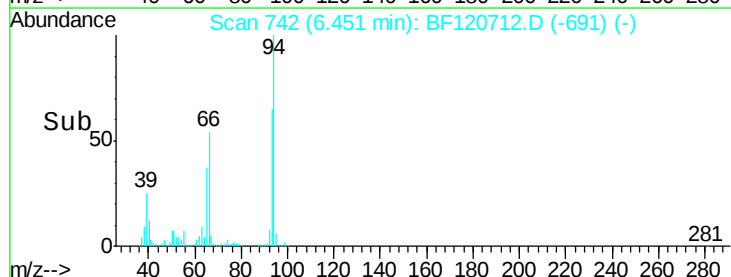
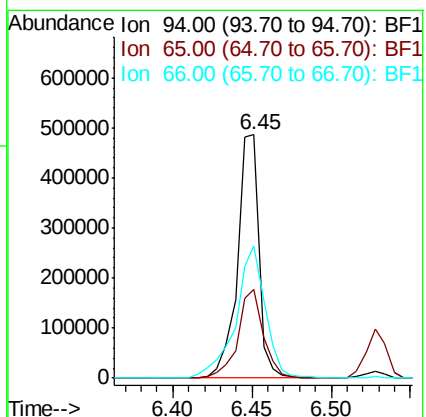
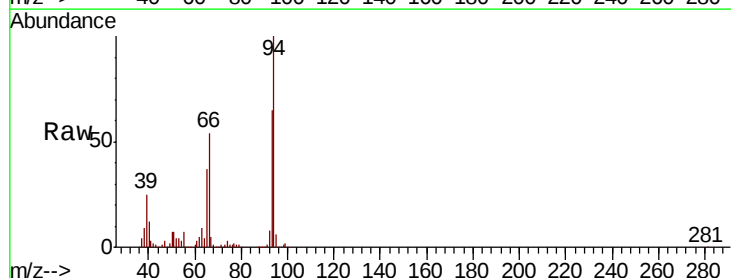
Tgt Ion: 94 Resp: 460141

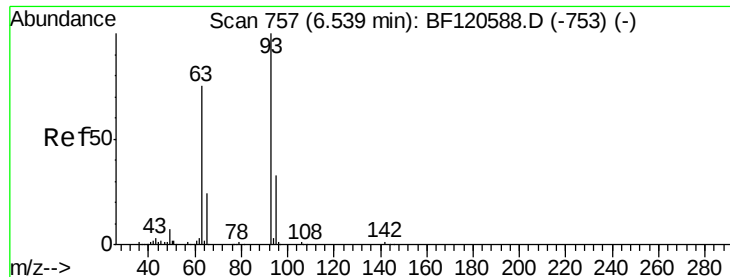
Ion Ratio Lower Upper

94 100

65 36.7 9.9 49.9

66 54.2 20.1 60.1

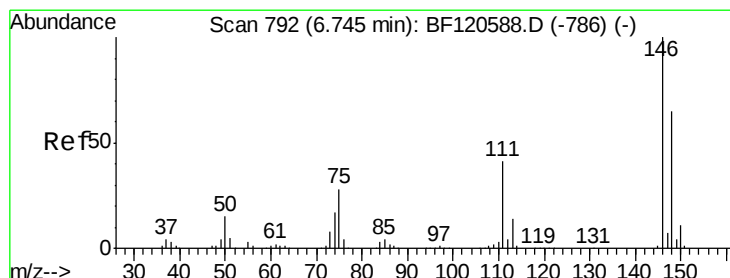
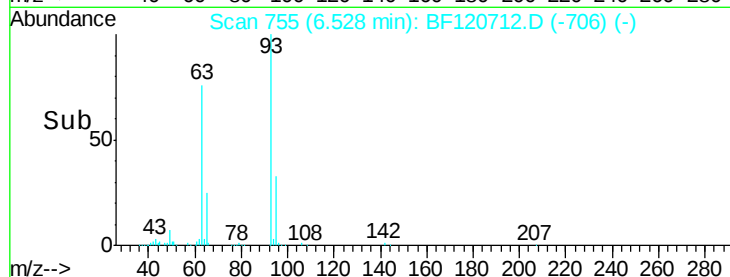
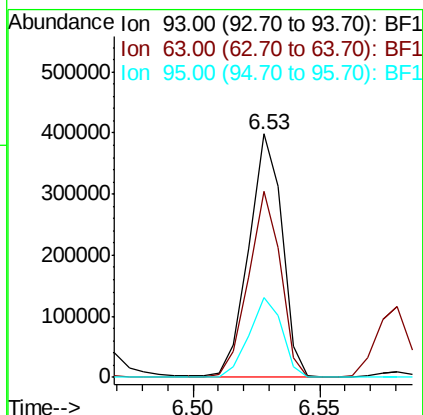
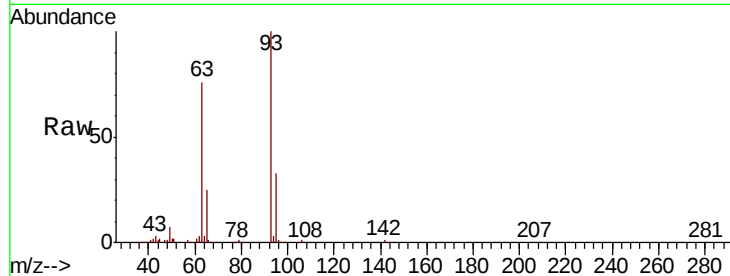




#11  
bis(2-Chloroethyl)ether  
Concen: 39.733 ng  
RT: 6.53 min Scan# 755  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

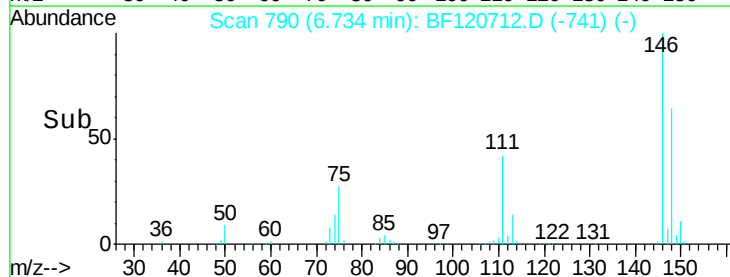
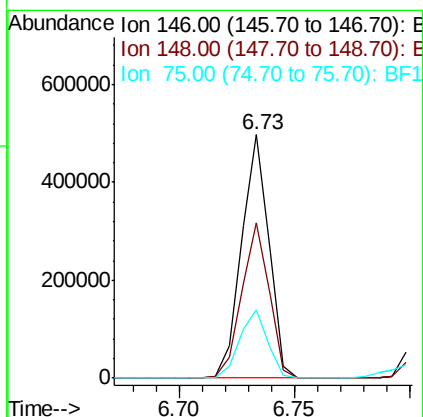
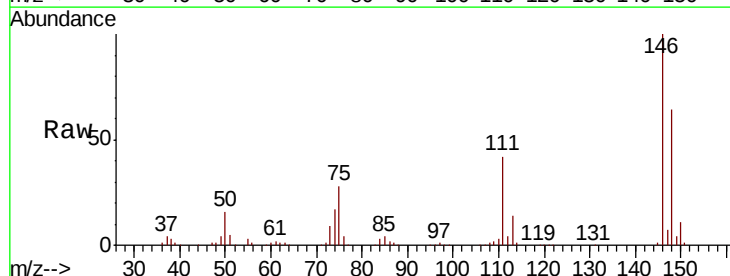
Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

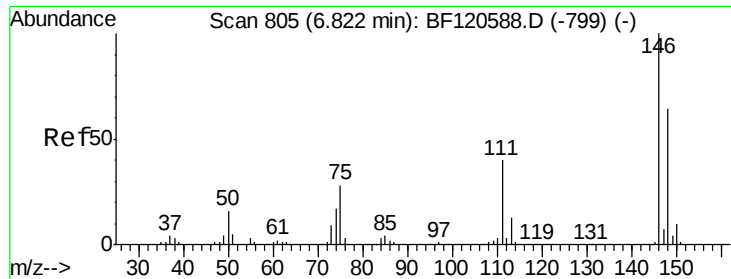
Tot Ion: 93 Resp: 365954  
Ion Ratio Lower Upper  
93 100  
63 76.2 54.4 94.4  
95 32.7 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 41.123 ng  
RT: 6.73 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion: 146 Resp: 411081  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.8 77.6  
75 28.0 22.2 33.4

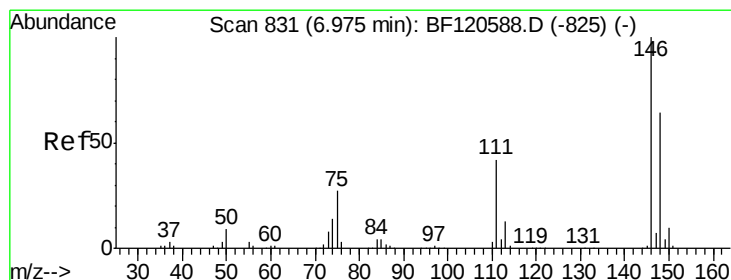
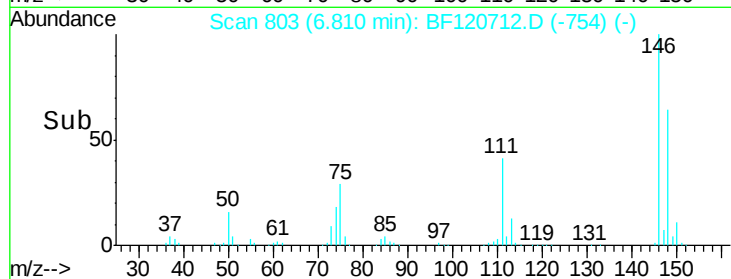
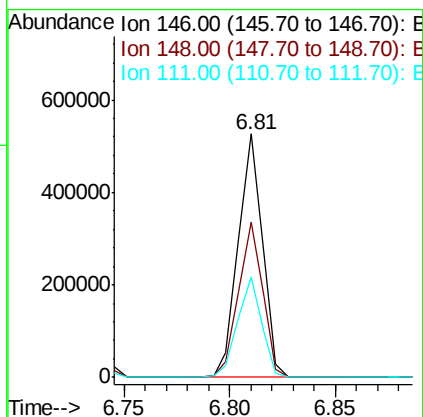
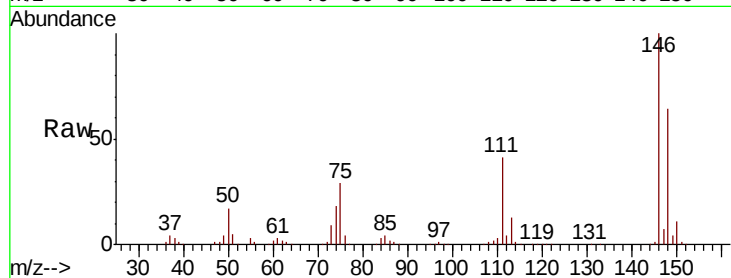




#13  
 1,4-Dichlorobenzene  
 Concen: 42.168 ng  
 RT: 6.81 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

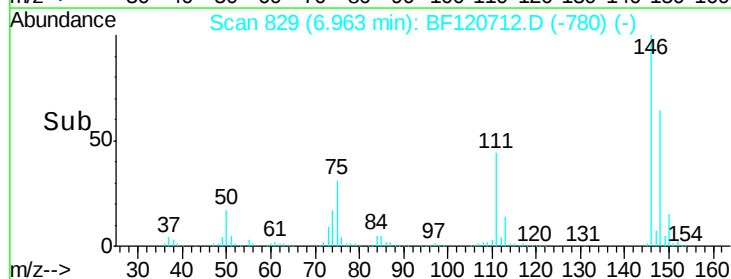
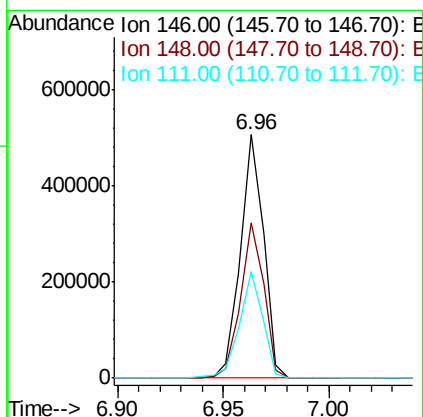
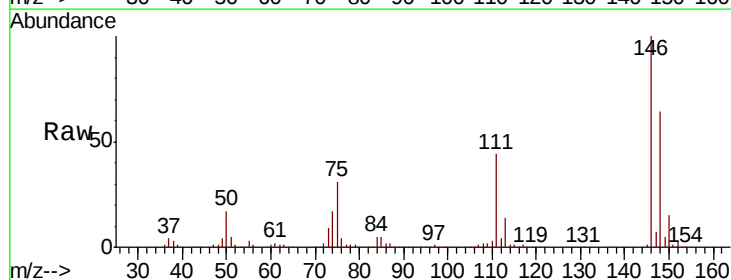
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

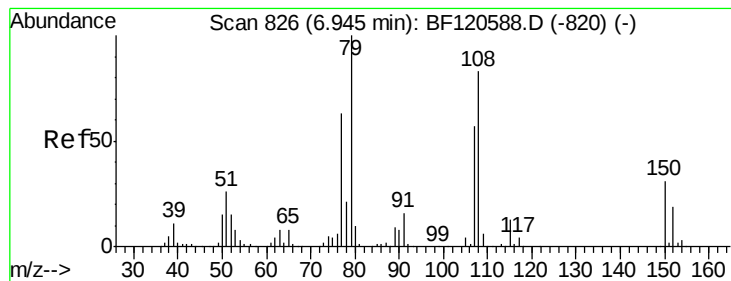
Tot Ion:146 Resp: 415904  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 51.5 77.3  
 111 41.0 32.2 48.4



#14  
 1,2-Dichlorobenzene  
 Concen: 39.895 ng  
 RT: 6.96 min Scan# 829  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

Tgt Ion:146 Resp: 383300  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 50.8 76.2  
 111 43.9 33.6 50.4





#15

Benzyl Alcohol

Concen: 41.269 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

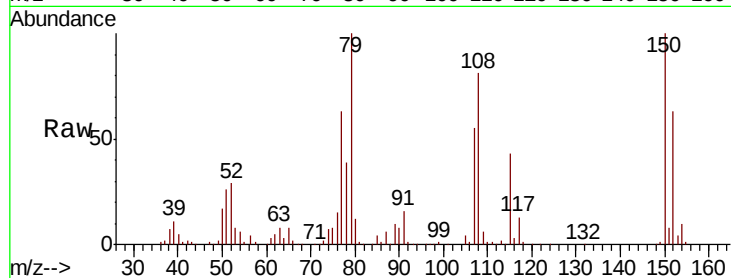
Tot Ion: 79 Resp: 303314

Ion Ratio Lower Upper

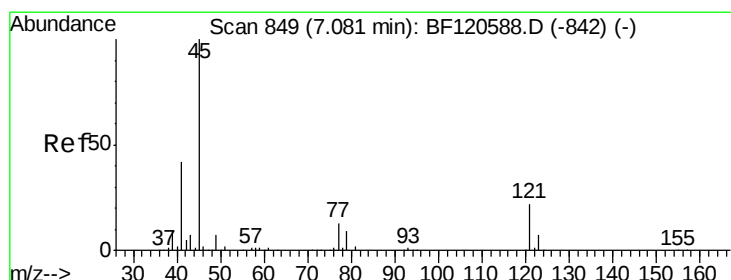
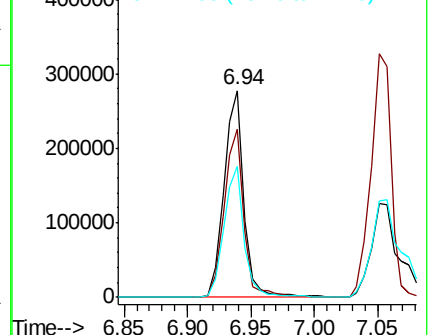
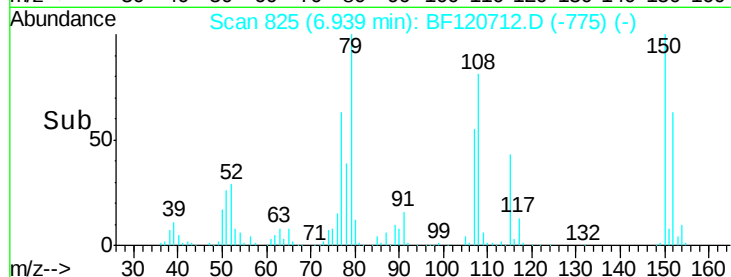
79 100

108 81.4 66.8 100.2

77 63.2 50.6 76.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.889 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

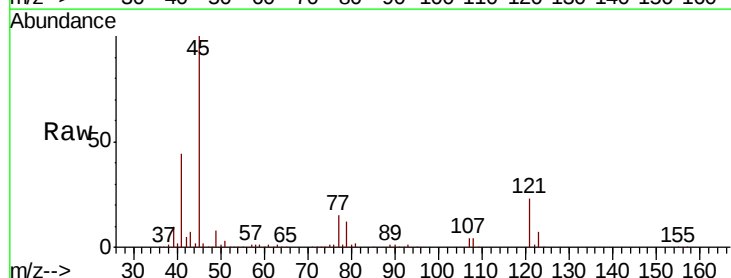
Tgt Ion: 45 Resp: 515735

Ion Ratio Lower Upper

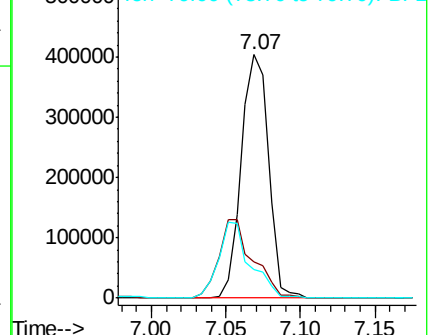
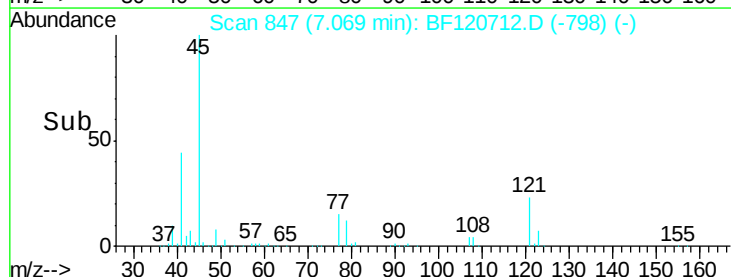
45 100

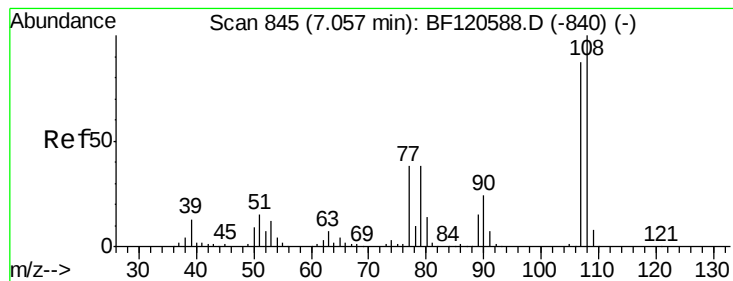
77 14.9 0.0 34.2

79 11.9 0.0 30.9



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

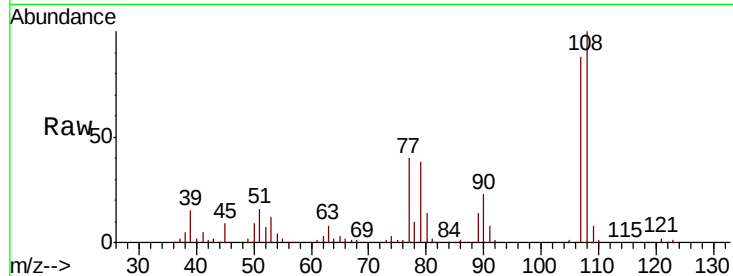




#17  
2-Methylphenol  
Concen: 39.800 ng  
RT: 7.05 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleID :  
PB129807BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.4 | 91.9  | 137.9 |
| 77      | 45.0  | 35.4  | 53.2  |
| 79      | 43.5  | 34.8  | 52.2  |



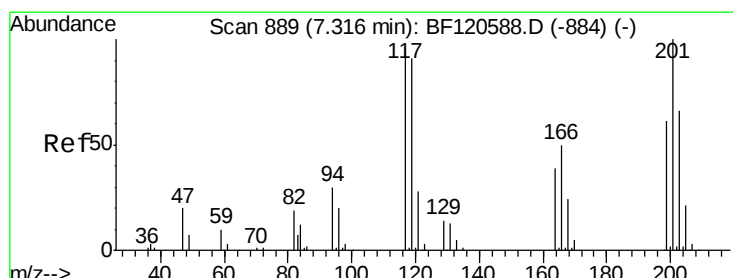
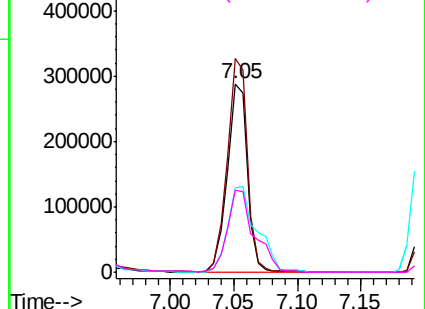
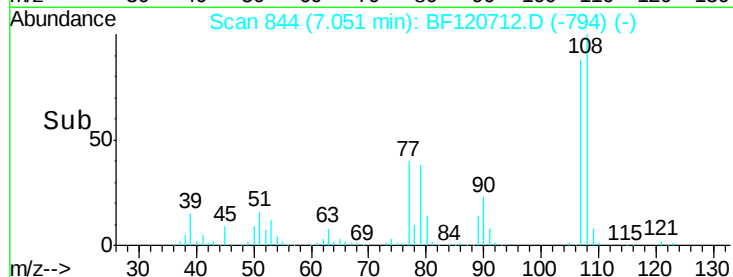
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

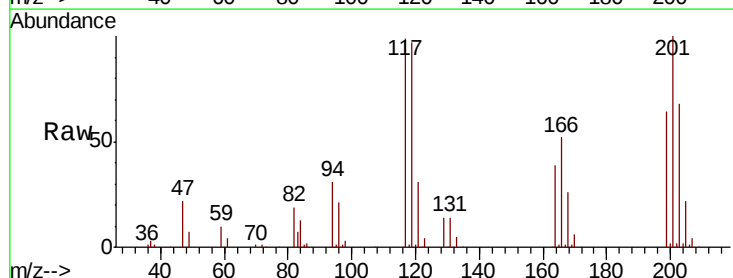
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 41.522 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.0  | 76.9  | 115.3 |
| 201     | 101.5 | 84.6  | 127.0 |

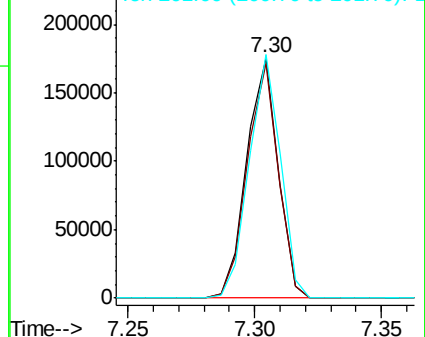
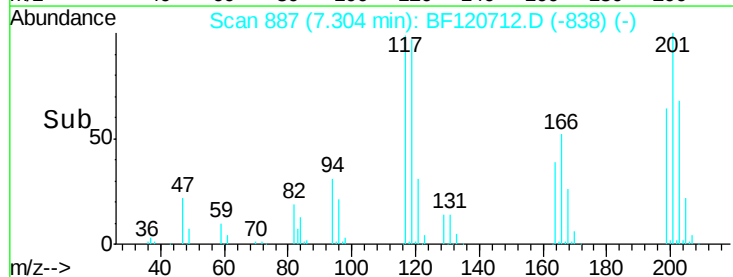


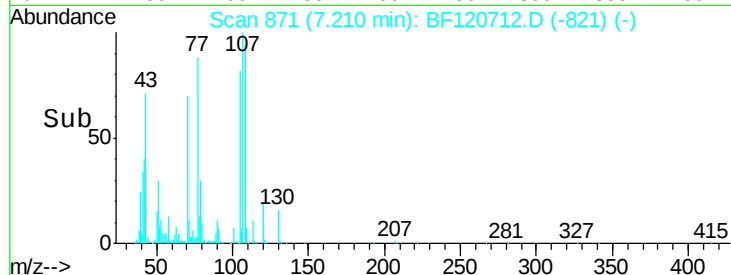
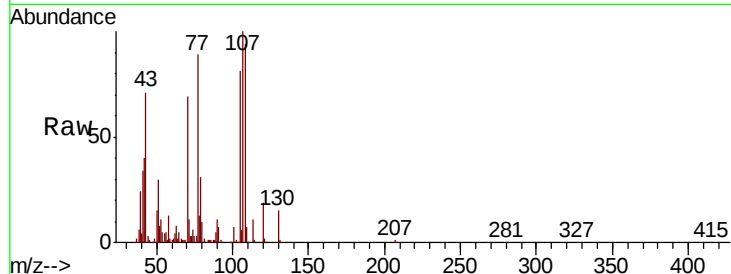
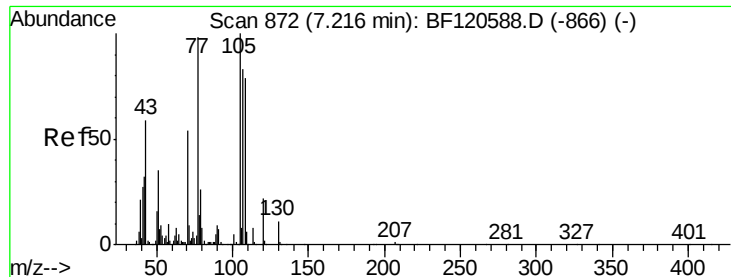
Abundance

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

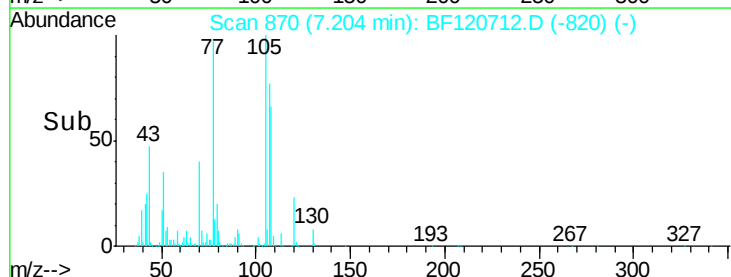
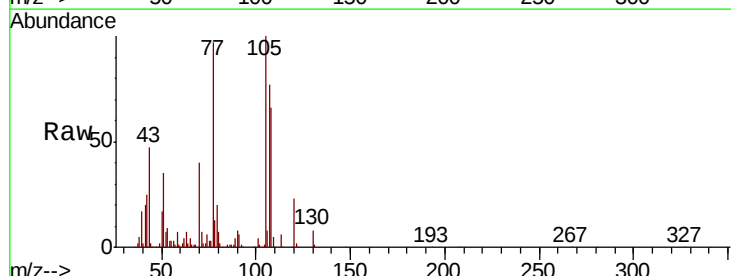
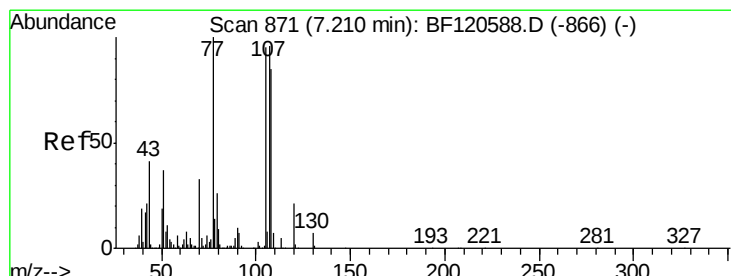
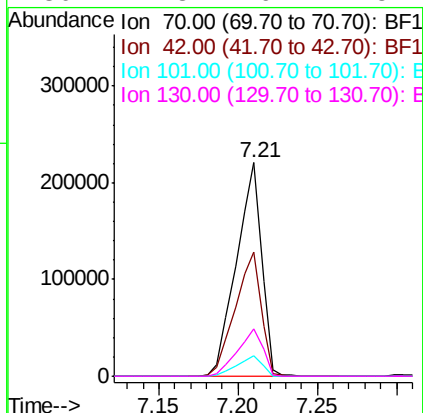




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.486 ng  
RT: 7.21 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

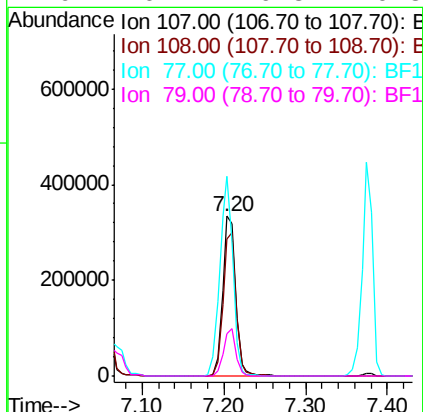
Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 243386 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 58.1  | 47.7  | 71.5   |
| 101      | 9.8   | 7.6   | 11.4   |
| 130      | 22.3  | 16.7  | 25.1   |



#20  
3+4-Methylphenols  
Concen: 36.919 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 369985 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.8  | 68.7  | 108.7  |
| 77       | 125.5 | 84.2  | 124.2# |
| 79       | 26.4  | 6.8   | 46.8   |

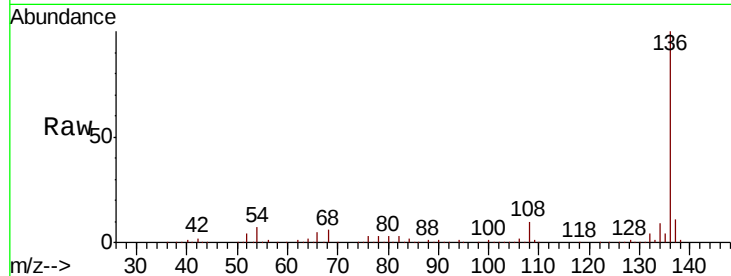




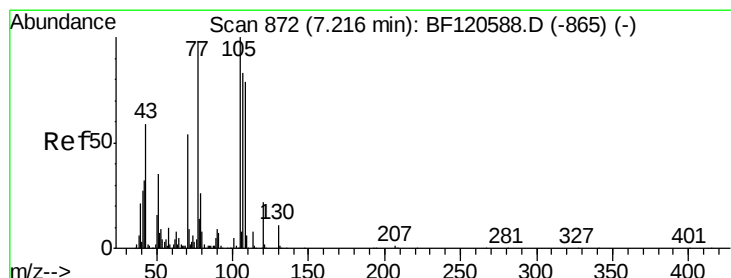
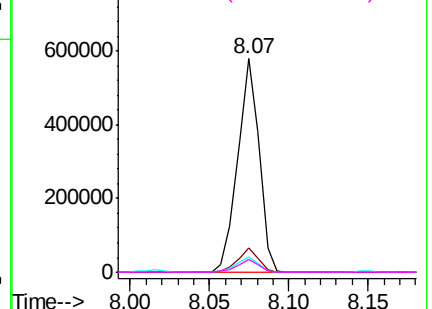
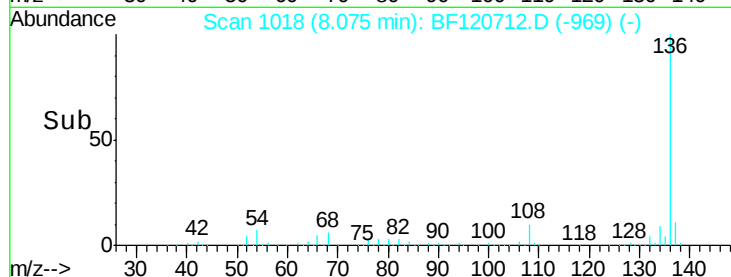
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.07 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 542524 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.1    | 8.6   | 13.0   |
| 54 7.2      | 5.8   | 8.6    |
| 68 5.9      | 4.4   | 6.6    |

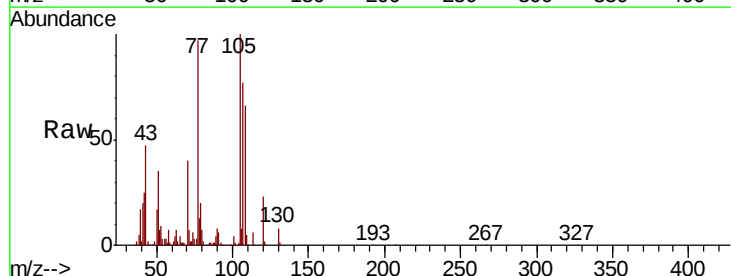


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

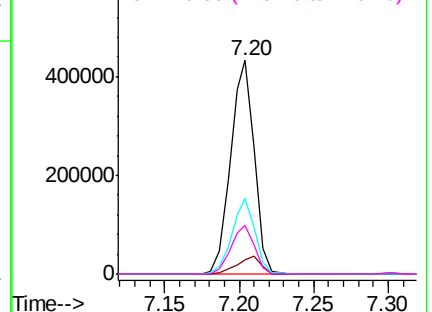
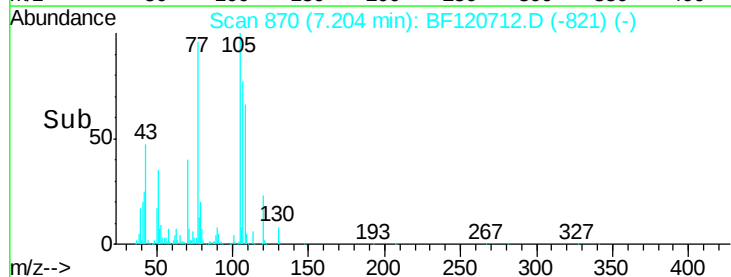


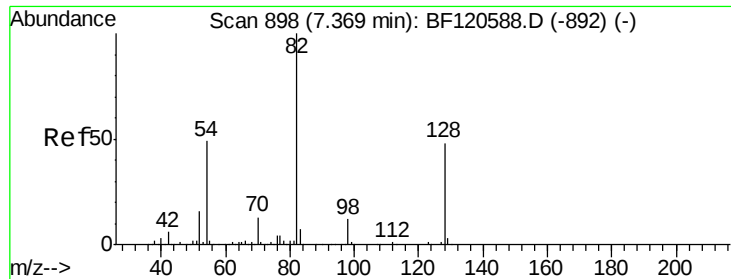
#22  
Acetophenone  
Concen: 39.788 ng  
RT: 7.20 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 482594 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.7     | 7.2   | 10.8#  |
| 51  | 35.4    | 27.8  | 41.8   |
| 120 | 22.9    | 18.0  | 27.0   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 120.00 (119.70 to 120.70): E

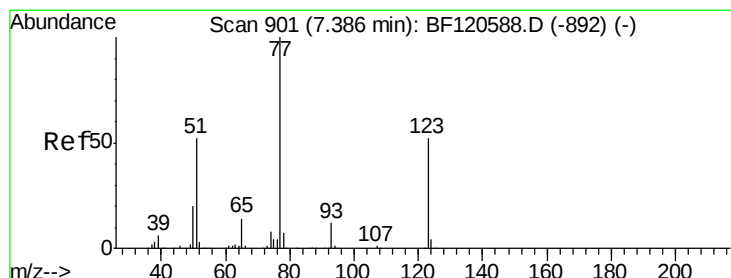
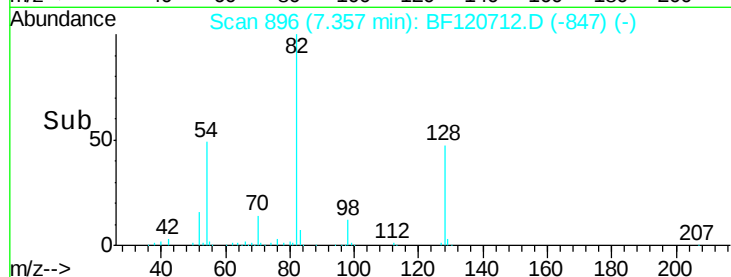
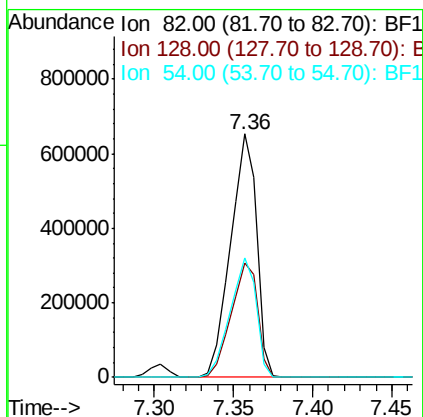
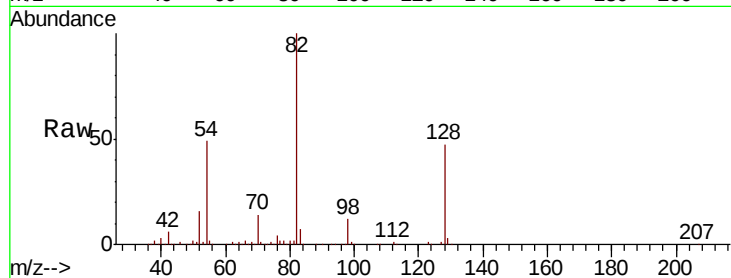




#23  
 Nitrobenzene-d5  
 Concen: 76.590 ng  
 RT: 7.36 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

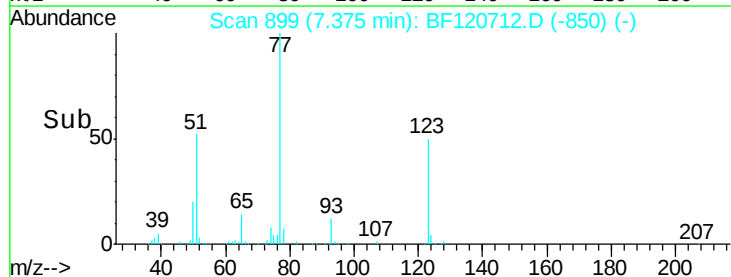
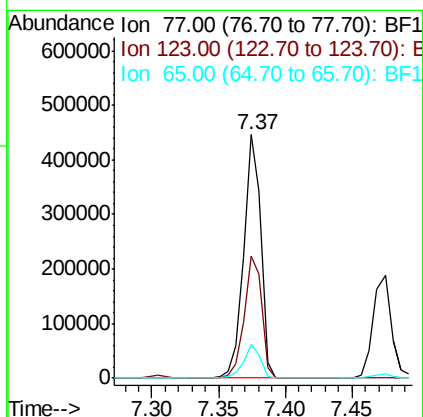
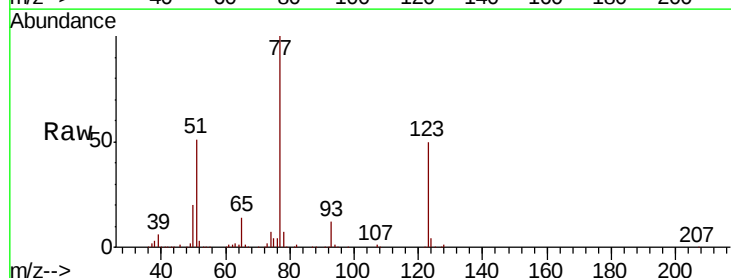
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

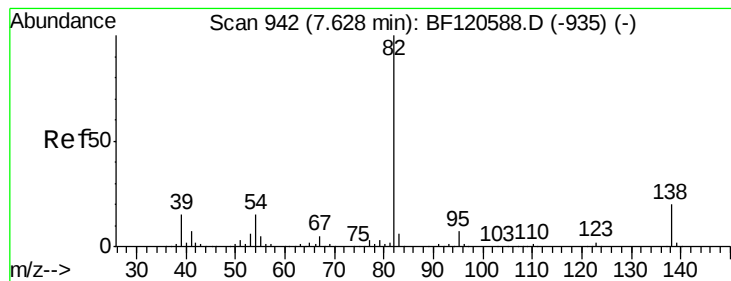
| Tot Ion   | 82   | Resp  | 743369 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 47.1 | 38.0  | 57.0   |
| 54        | 49.2 | 38.8  | 58.2   |



#24  
 Nitrobenzene  
 Concen: 39.005 ng  
 RT: 7.37 min Scan# 899  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

| Tgt Ion   | 77   | Resp  | 396172 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 49.9 | 41.4  | 62.0   |
| 65        | 13.7 | 11.0  | 16.4   |





#25

Isophorone

Concen: 37.329 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

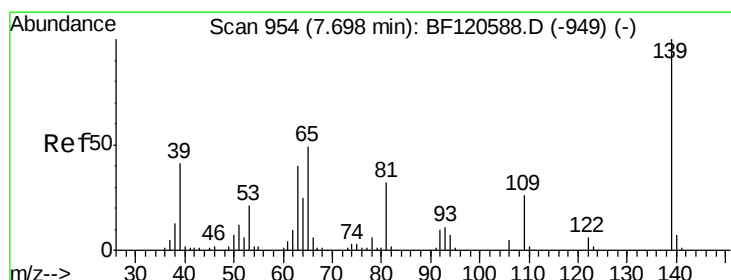
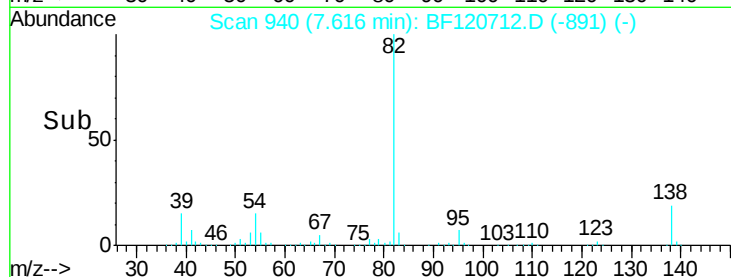
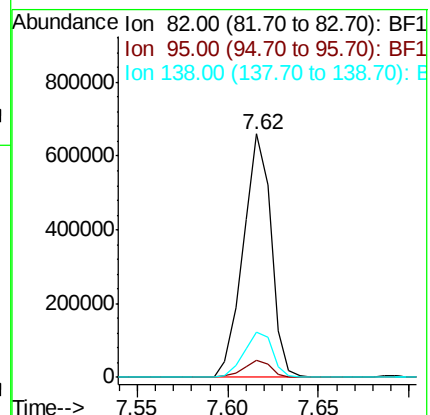
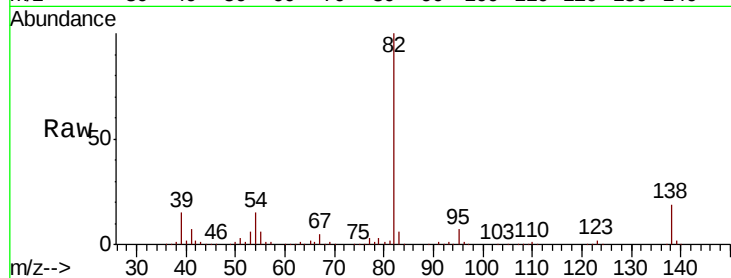
Tot Ion: 82 Resp: 705768

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

138 18.8 16.2 24.4



#26

2-Nitrophenol

Concen: 40.558 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

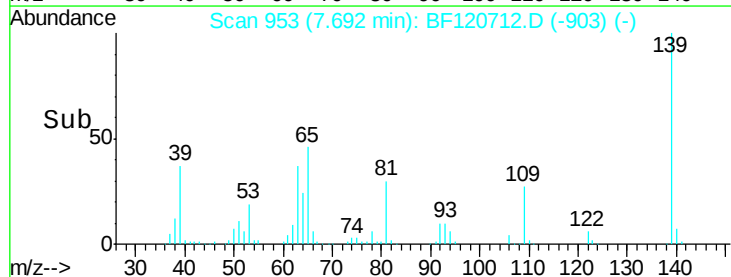
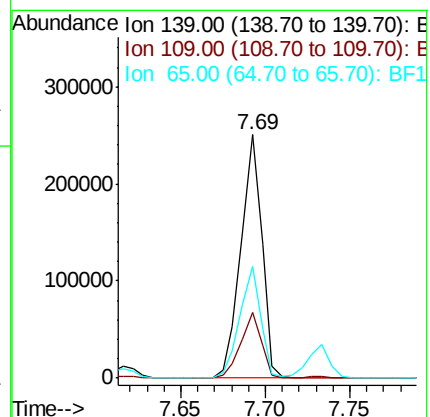
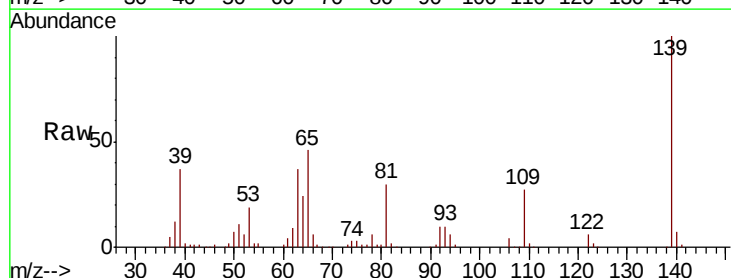
Tgt Ion: 139 Resp: 217932

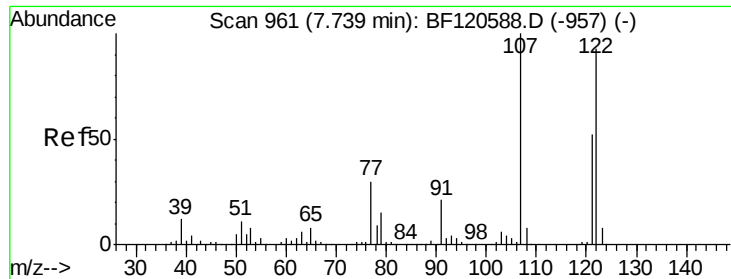
Ion Ratio Lower Upper

139 100

109 26.9 21.1 31.7

65 46.0 39.4 59.0

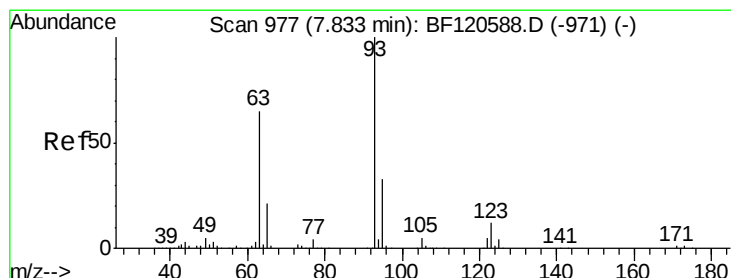
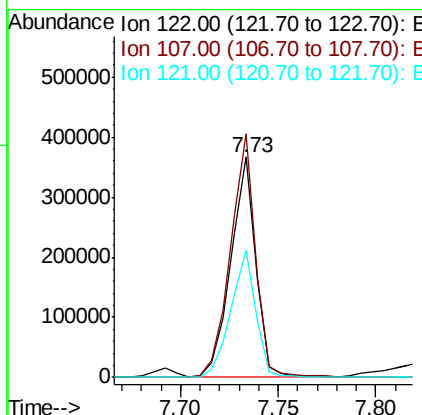
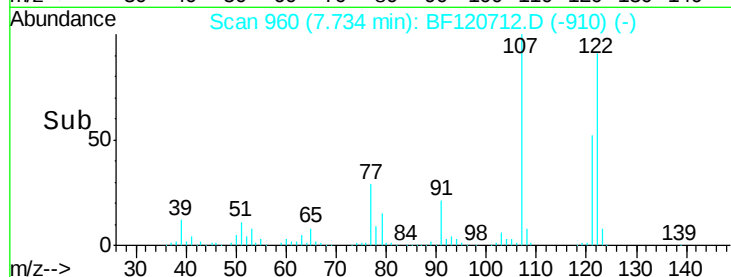
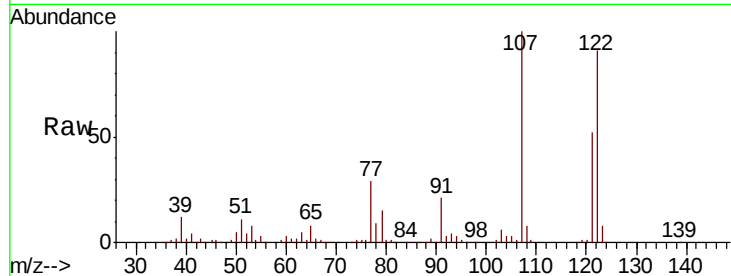




#27  
2,4-Dimethylphenol  
Concen: 41.137 ng  
RT: 7.73 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

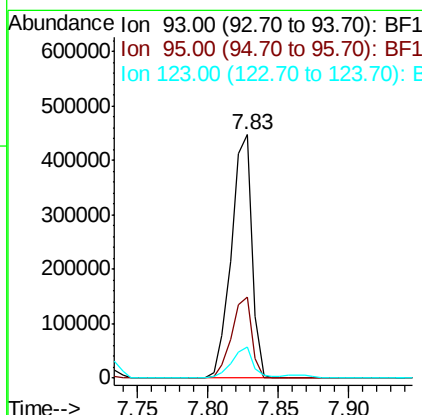
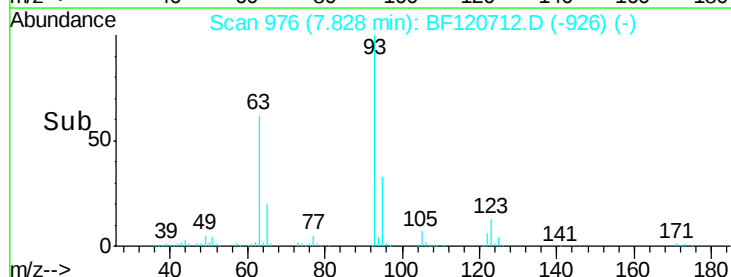
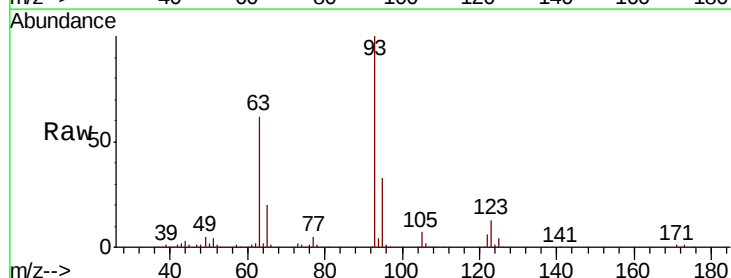
Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

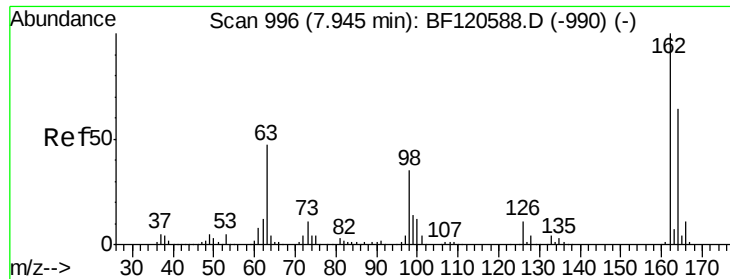
Tot Ion:122 Resp: 325462  
Ion Ratio Lower Upper  
122 100  
107 110.4 86.4 129.6  
121 57.4 45.2 67.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.576 ng  
RT: 7.83 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion: 93 Resp: 455650  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.2 39.4  
123 12.7 9.5 14.3

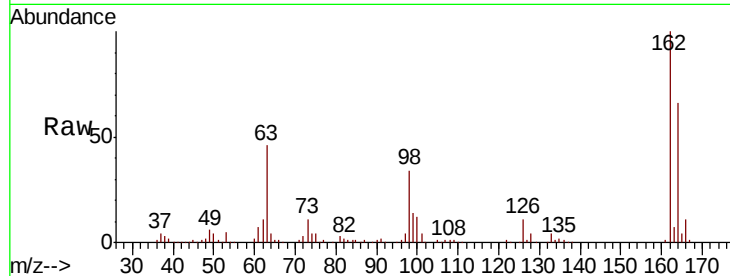




#29  
2,4-Dichlorophenol  
Concen: 41.032 ng  
RT: 7.94 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.7  | 44.1  | 84.1  |
| 98      | 33.8  | 14.7  | 54.7  |

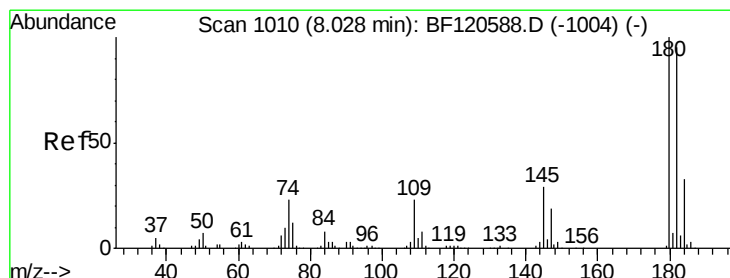
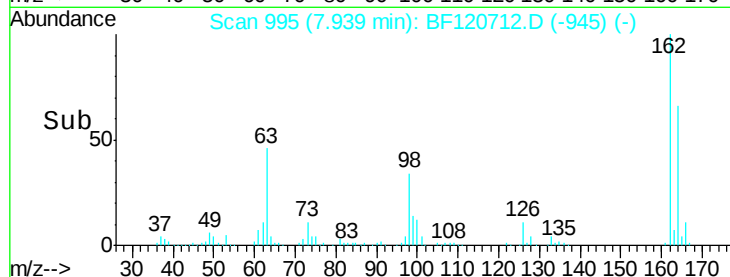
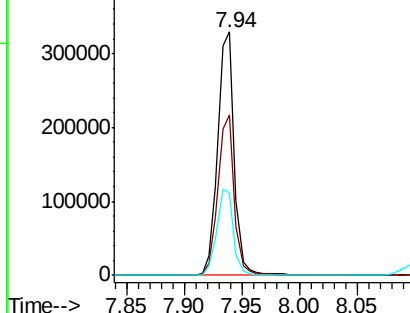


Abundance

Ion 162.00 (161.70 to 162.70): E

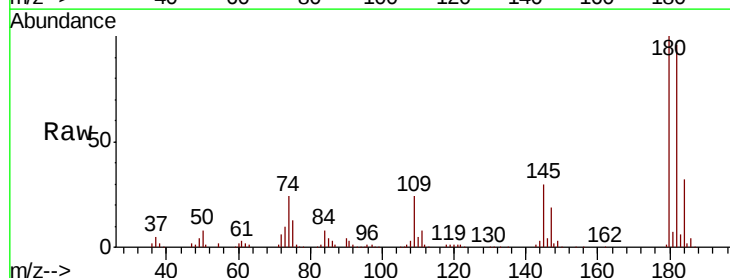
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 40.364 ng  
RT: 8.02 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 75.8  | 113.6 |
| 145     | 30.2  | 23.0  | 34.6  |

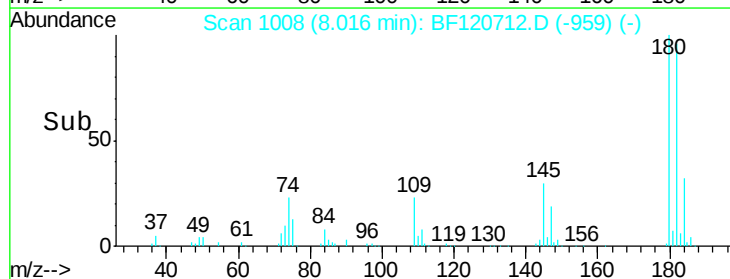
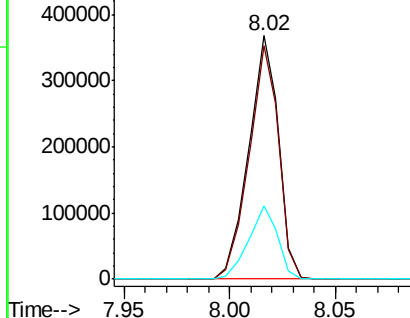


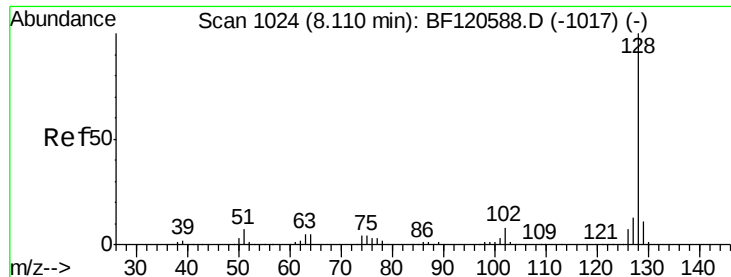
Abundance

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: 41.416 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

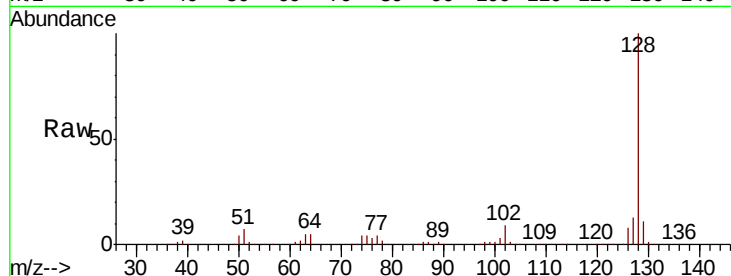
Tot Ion:128 Resp: 1103324

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

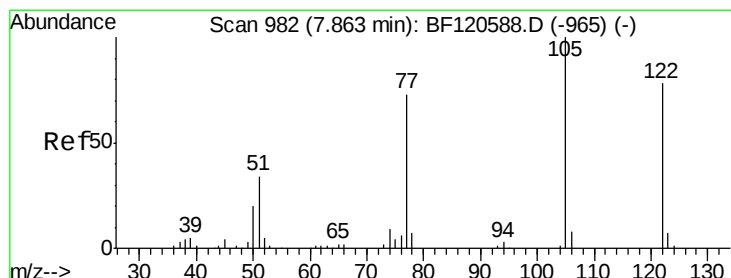
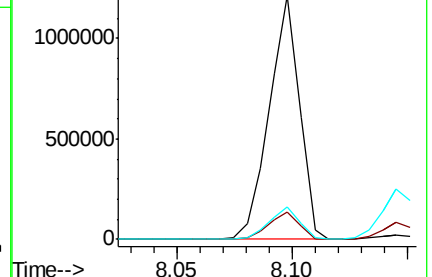
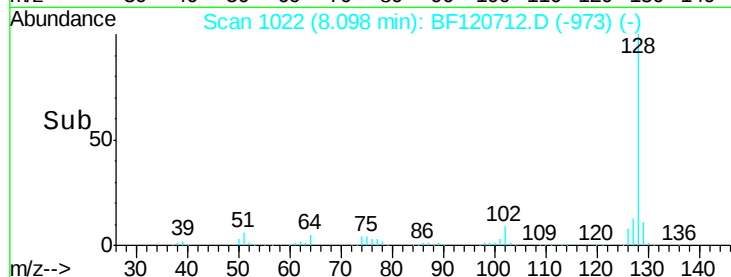
127 13.2 10.6 15.8



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: 31.385 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

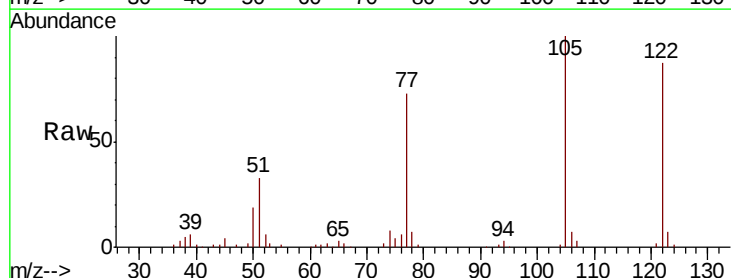
Tgt Ion:122 Resp: 190517

Ion Ratio Lower Upper

122 100

105 115.6 101.0 141.0

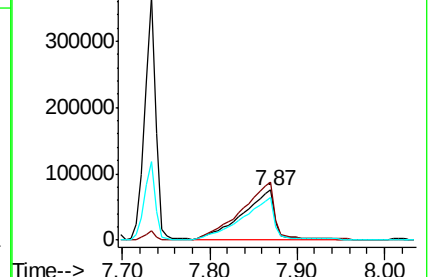
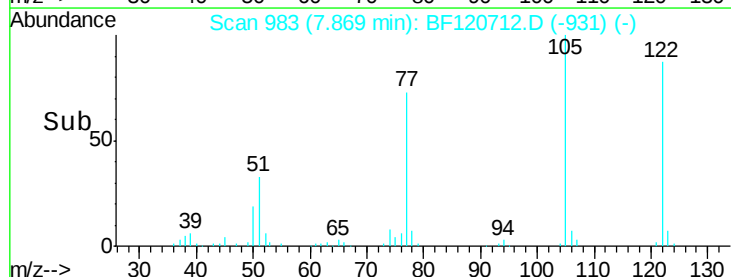
77 84.6 69.8 109.8



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

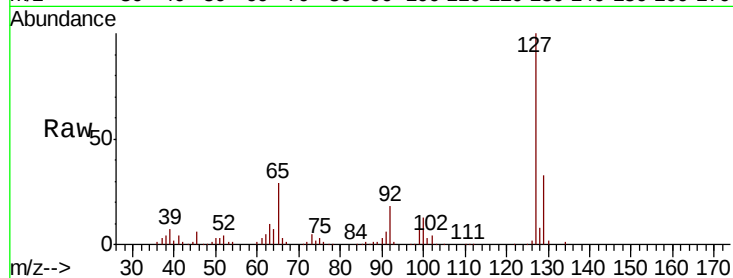




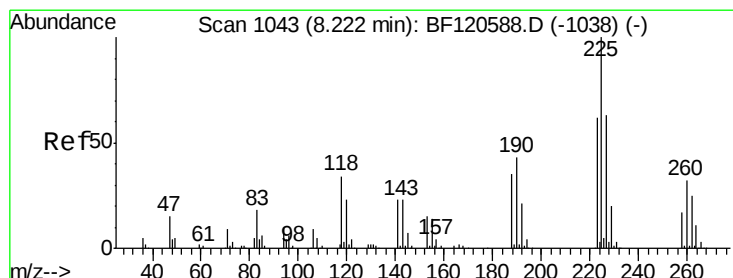
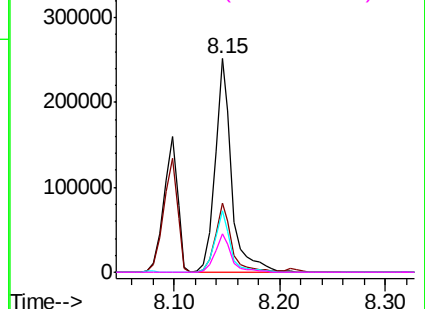
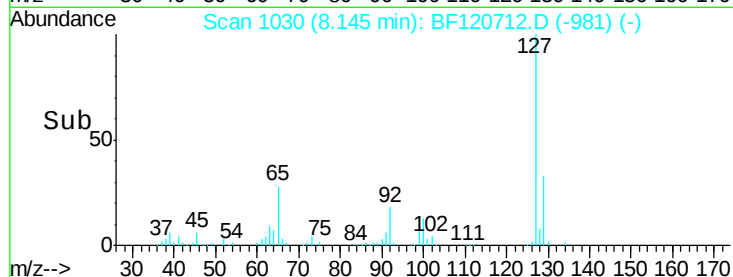
#33  
4-Chloroaniline  
Concen: 22.737 ng  
RT: 8.15 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 278016 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.9  | 38.9   |
| 65       | 28.6  | 22.2  | 33.4   |
| 92       | 18.0  | 14.2  | 21.2   |

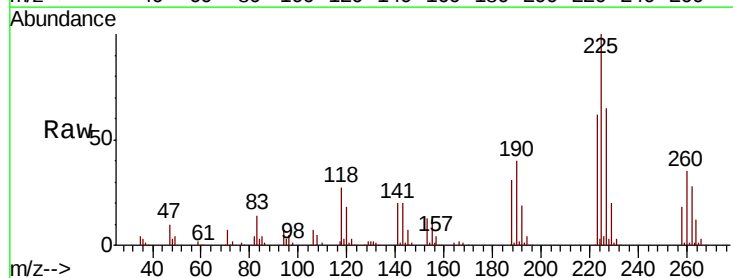


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

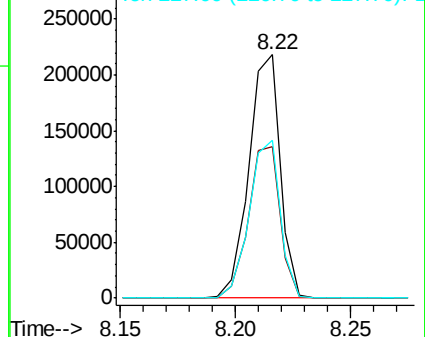
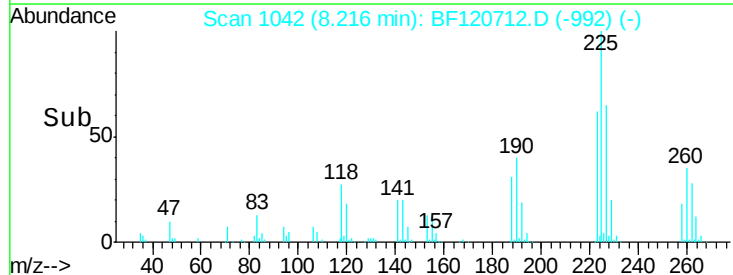


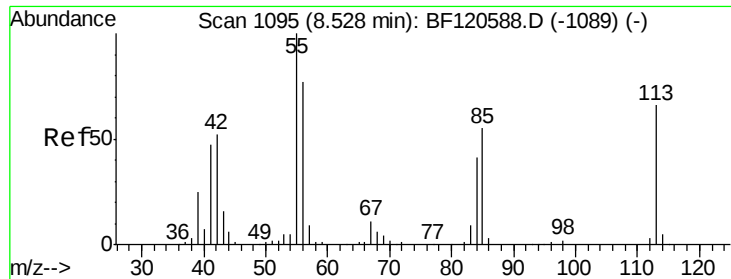
#34  
Hexachlorobutadiene  
Concen: 39.886 ng  
RT: 8.22 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 207211 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 49.9  | 74.9   |
| 227      | 64.6  | 50.5  | 75.7   |



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

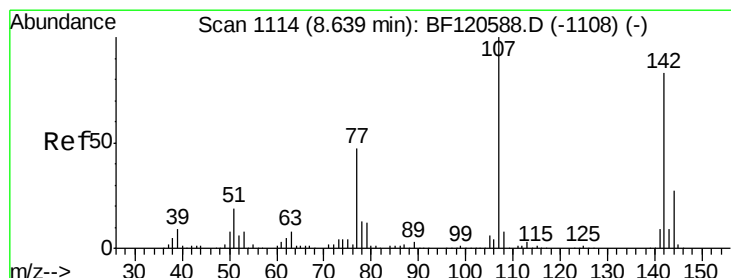
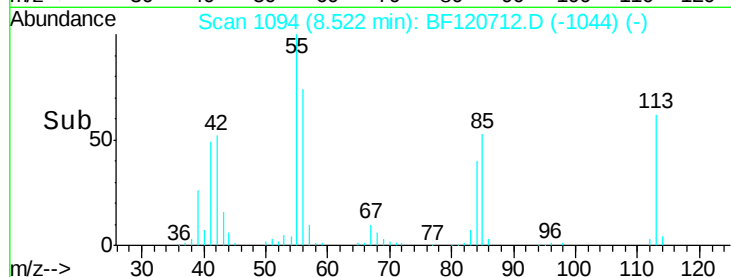
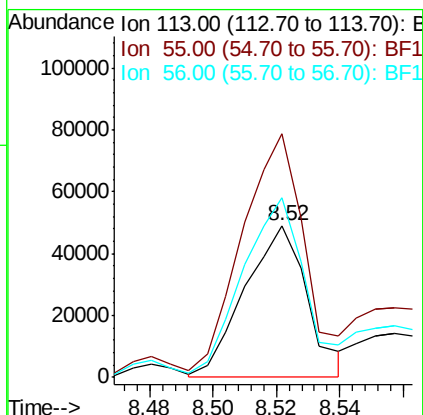
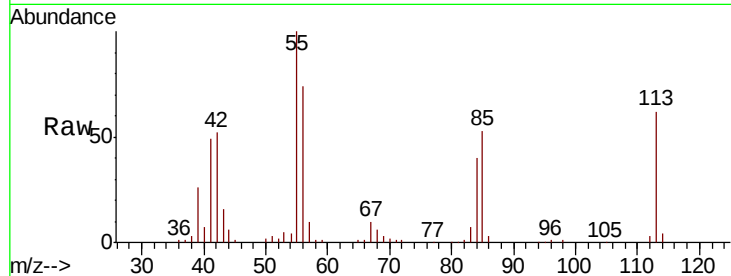




#35  
 Caprolactam  
 Concen: 26.035 ng  
 RT: 8.52 min Scan# 1094  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

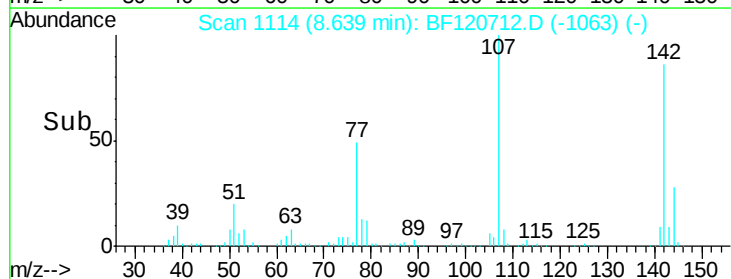
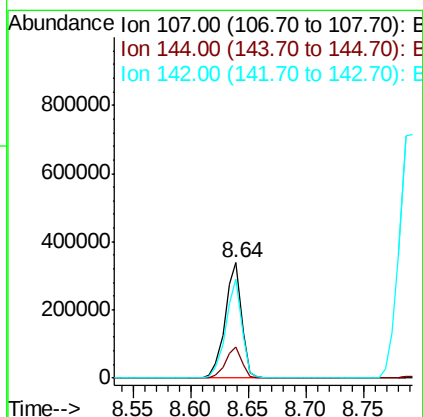
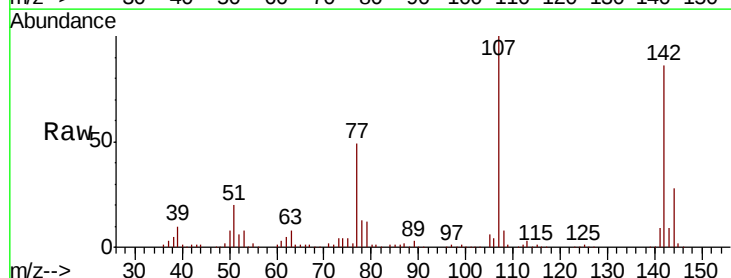
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

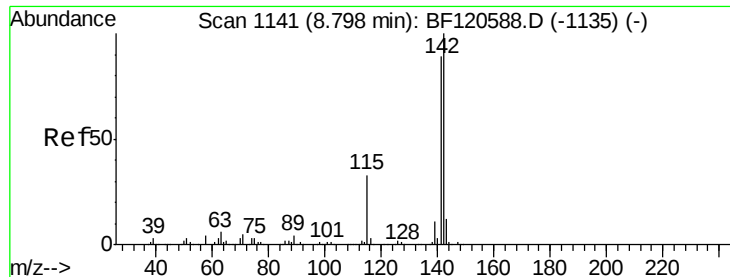
Tot Ion:113 Resp: 66965  
 Ion Ratio Lower Upper  
 113 100  
 55 160.6 133.1 173.1  
 56 118.3 98.4 138.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.857 ng  
 RT: 8.64 min Scan# 1114  
 Delta R.T. 0.00 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

Tgt Ion:107 Resp: 336312  
 Ion Ratio Lower Upper  
 107 100  
 144 27.6 21.4 32.2  
 142 86.0 66.3 99.5

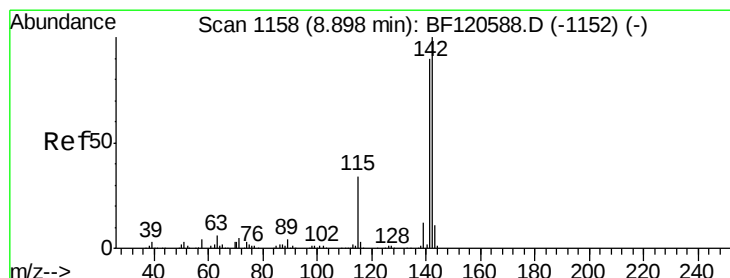
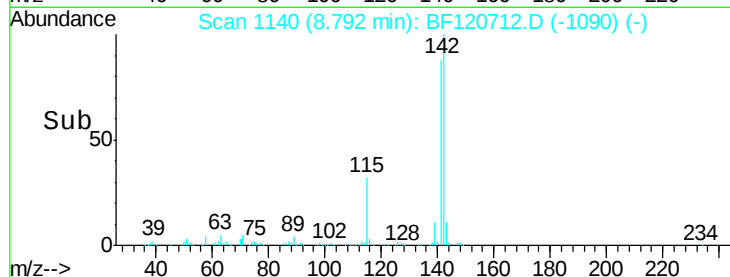
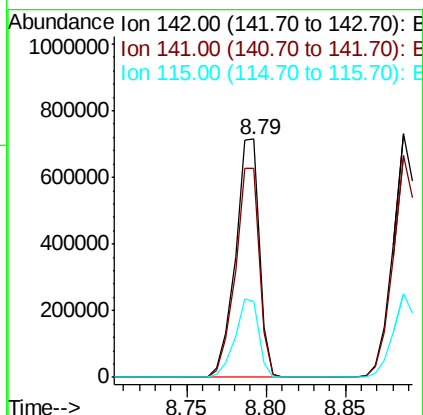
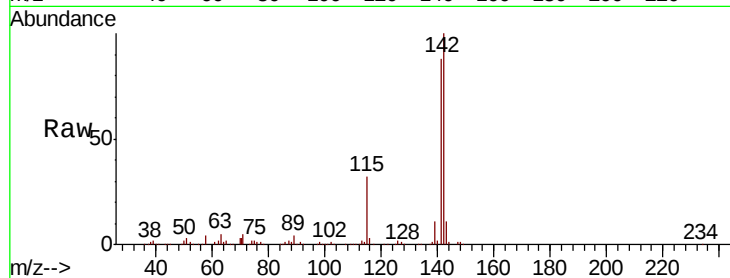




#37  
2-Methylnaphthalene  
Concen: 42.919 ng  
RT: 8.79 min Scan# 1140  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

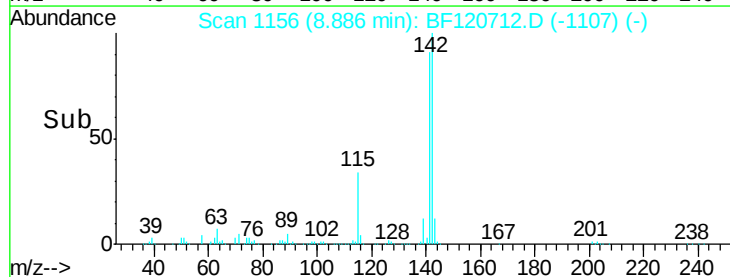
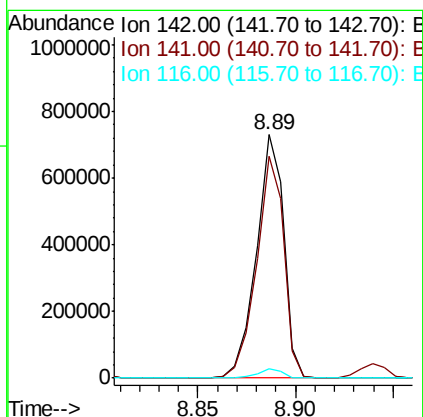
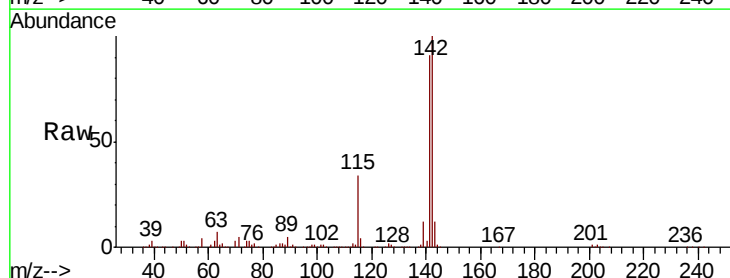
Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

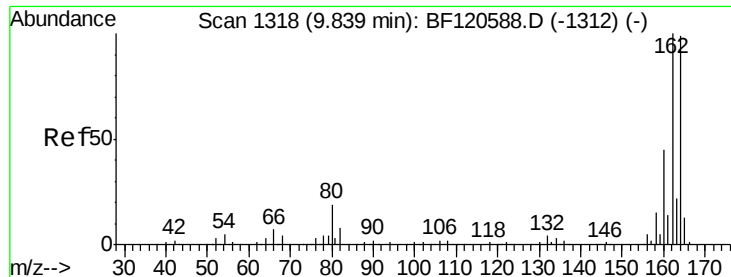
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.9  | 71.4  | 107.0 |
| 115     | 31.9  | 26.1  | 39.1  |



#38  
1-Methylnaphthalene  
Concen: 43.209 ng  
RT: 8.89 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.9  | 72.1  | 108.1 |
| 116     | 3.7   | 2.7   | 4.1   |

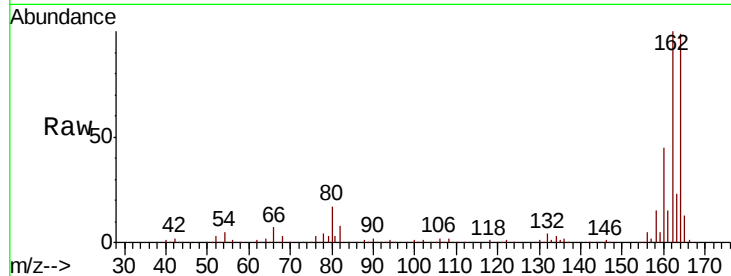




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1317  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.3 | 80.6  | 120.8 |
| 160     | 45.3  | 36.2  | 54.2  |

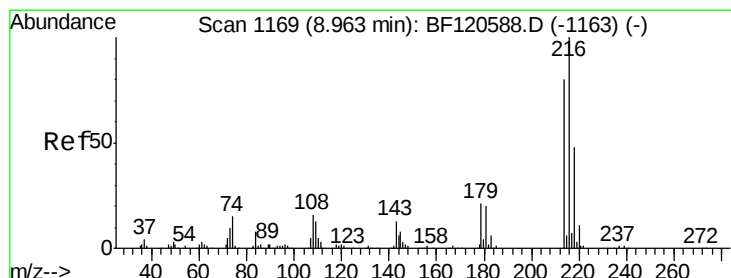
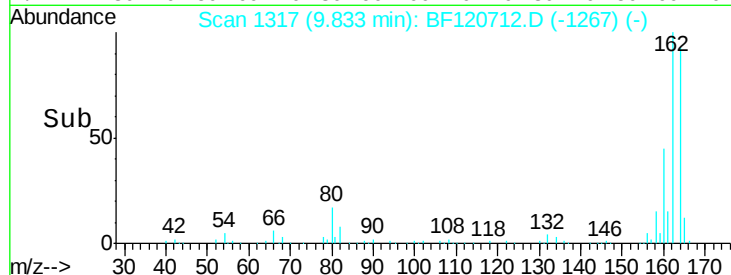
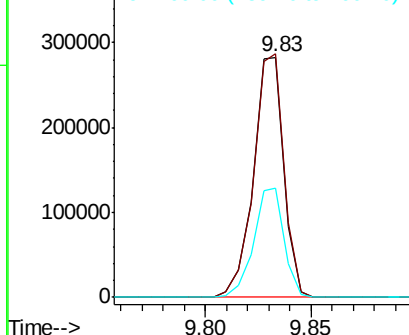


Abundance

Ion 164.00 (163.70 to 164.70): E

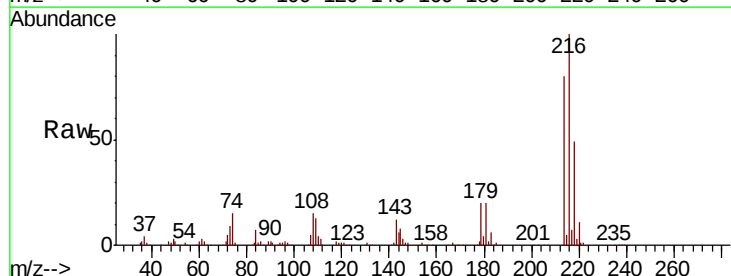
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.585 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 63.8  | 95.6  |
| 179     | 20.2  | 16.4  | 24.6  |
| 108     | 18.9  | 13.8  | 20.8  |



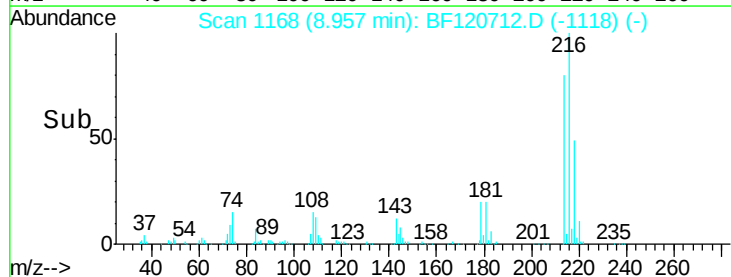
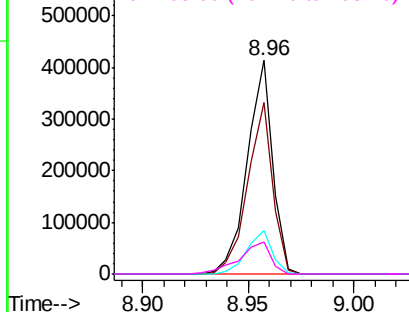
Abundance

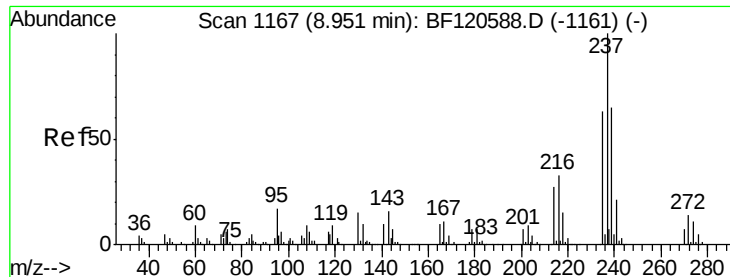
Ion 216.00 (215.70 to 216.70): E

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: 78.895 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

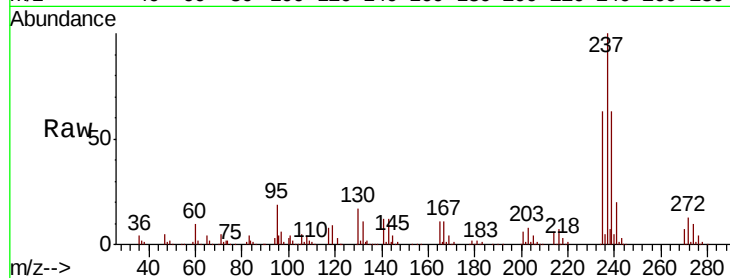
Tot Ion:237 Resp: 375010

Ion Ratio Lower Upper

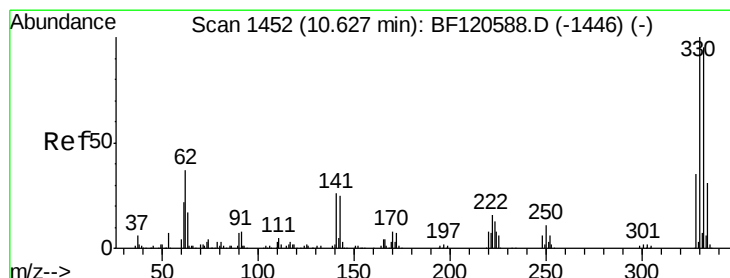
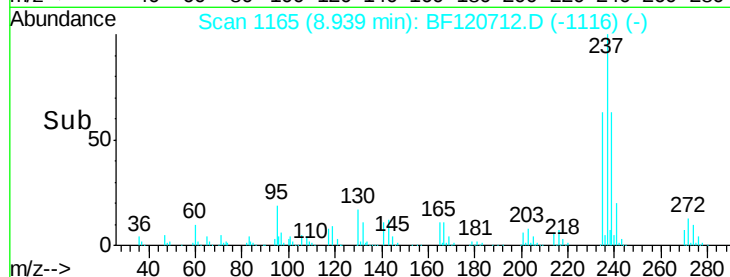
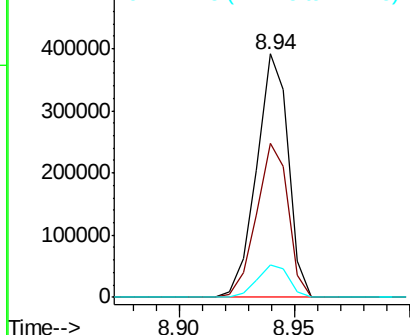
237 100

235 63.1 43.2 83.2

272 13.3 0.0 33.9



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: 111.065 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

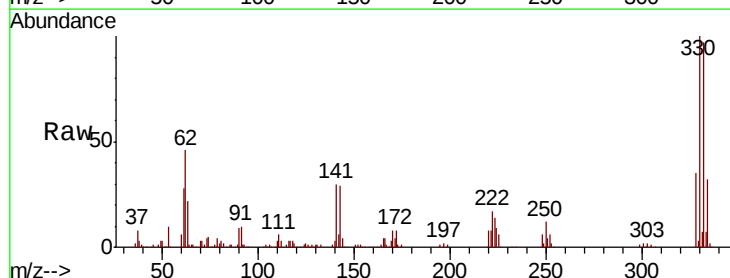
Tgt Ion:330 Resp: 366825

Ion Ratio Lower Upper

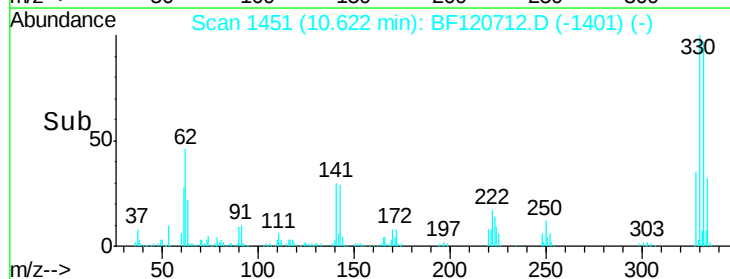
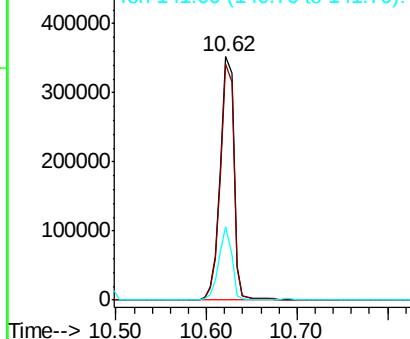
330 100

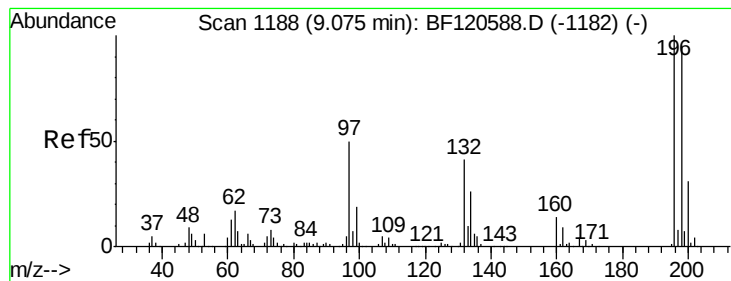
332 96.1 76.8 115.2

141 28.2 23.2 34.8



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: 40.560 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

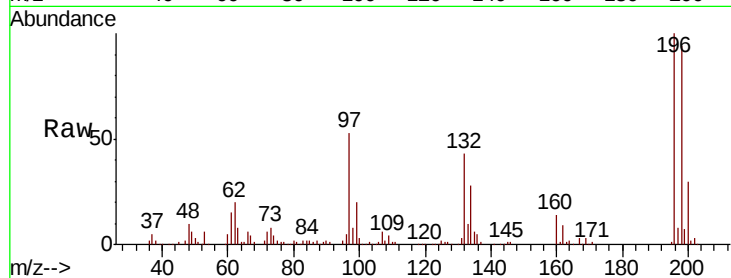
Tot Ion:196 Resp: 244053

Ion Ratio Lower Upper

196 100

198 94.2 76.2 114.2

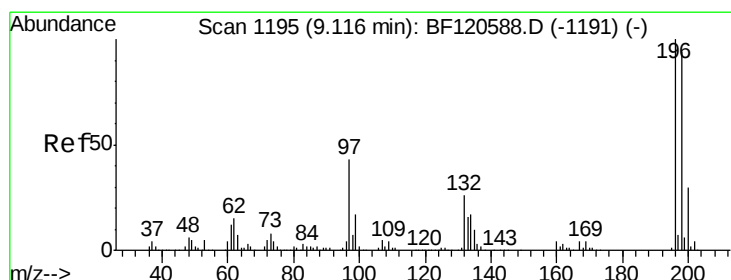
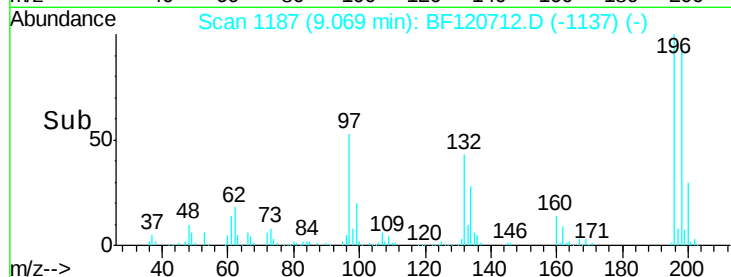
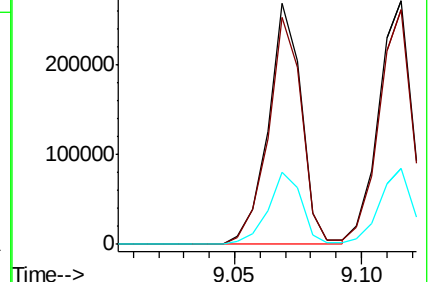
200 29.7 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 37.180 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:196 Resp: 253810

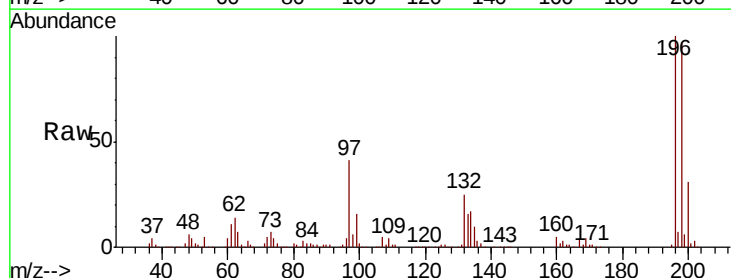
Ion Ratio Lower Upper

196 100

198 96.6 75.5 113.3

97 41.4 34.4 51.6

132 25.4 20.7 31.1

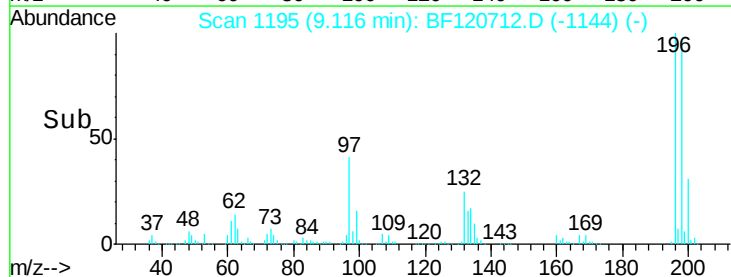
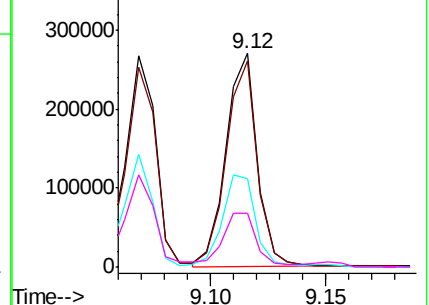


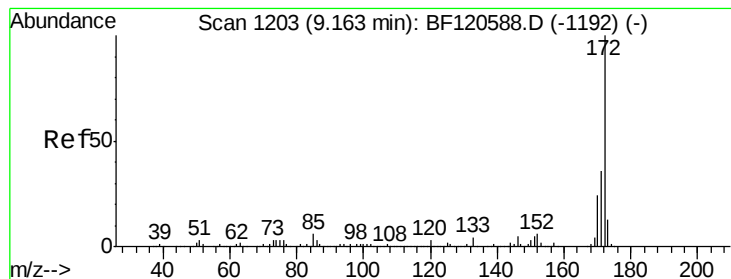
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 77.042 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

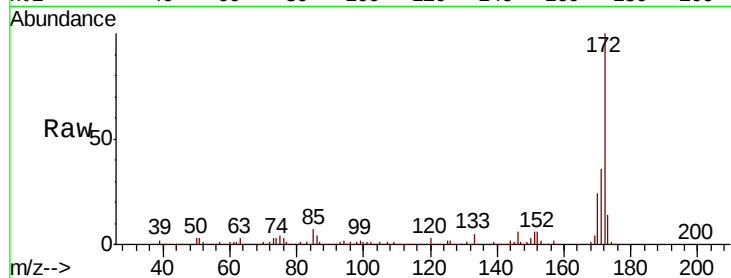
BNA\_F

ClientSampleId :

PB129807BS

Tot Ion:172 Resp: 1430457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 36.2  | 29.0  | 43.4  |
| 170 | 24.2  | 19.4  | 29.2  |

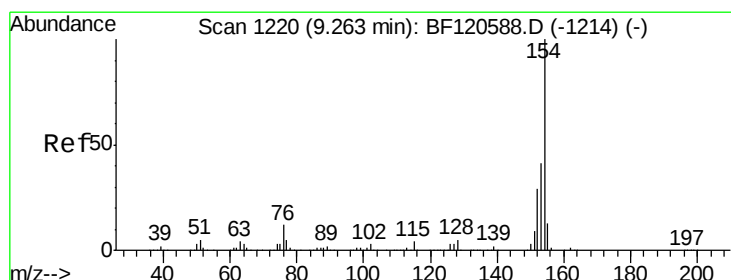
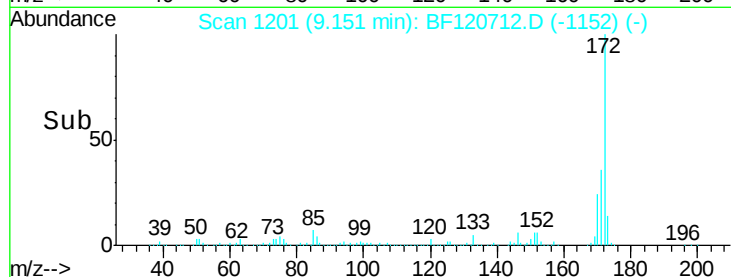
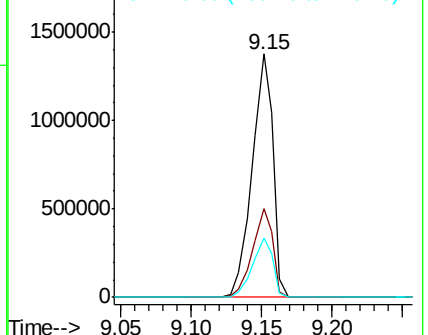


Abundance

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: 42.172 ng

RT: 9.25 min Scan# 1218

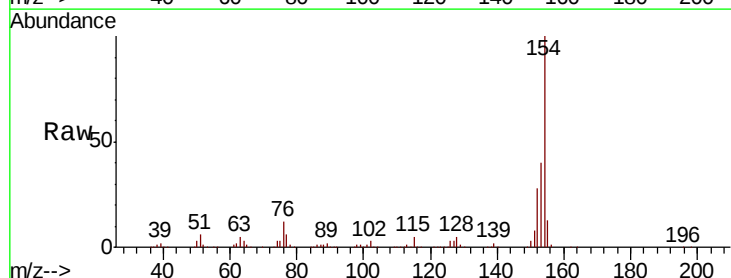
Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Tgt Ion:154 Resp: 894570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.4  | 21.4  | 61.4  |
| 76  | 12.2  | 0.0   | 31.6  |

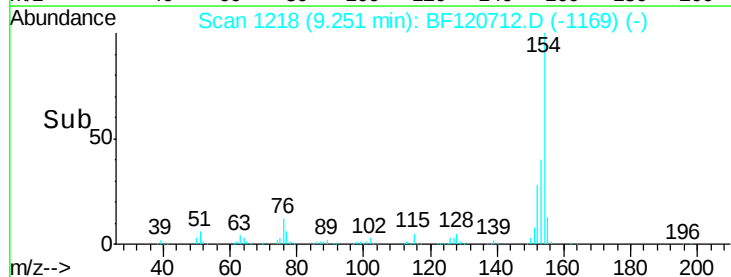
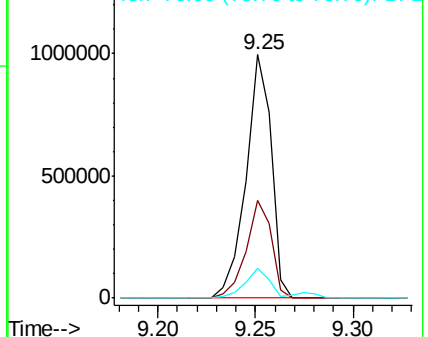


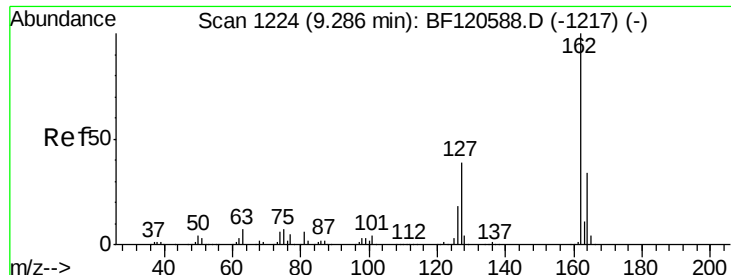
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

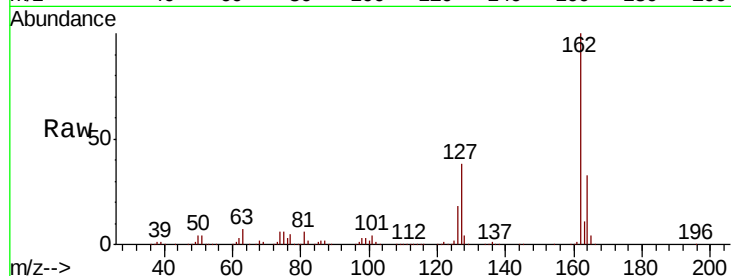




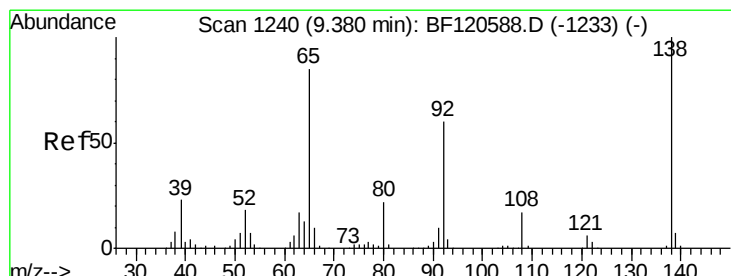
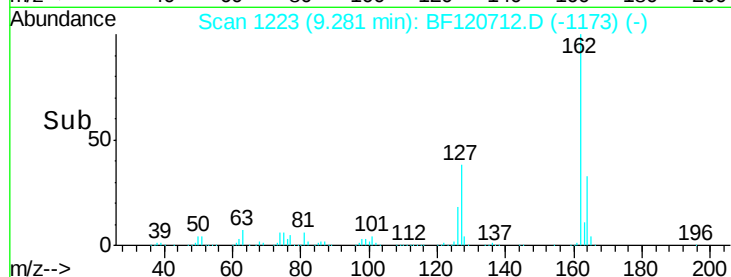
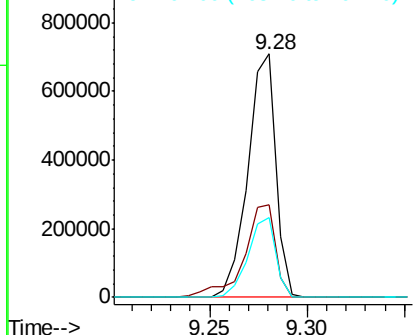
#47  
 2-Chloronaphthalene  
 Concen: 40.625 ng  
 RT: 9.28 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

Tot Ion:162 Resp: 704687  
 Ion Ratio Lower Upper  
 162 100  
 127 38.0 31.3 46.9  
 164 33.0 26.9 40.3

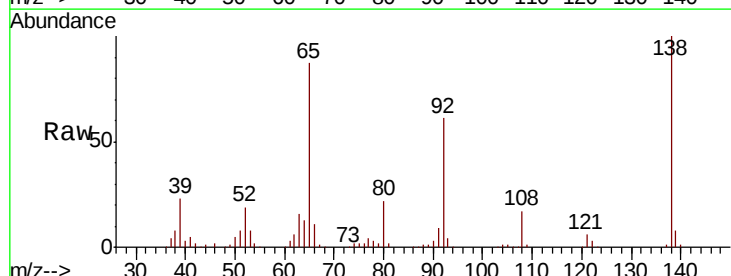


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

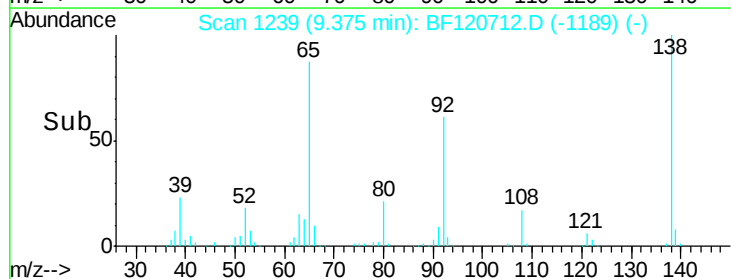
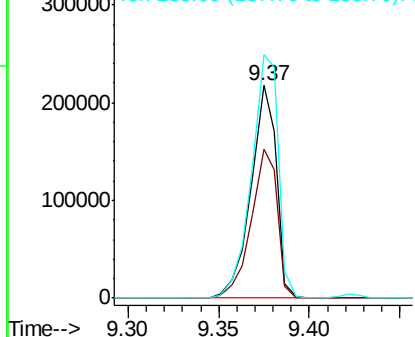


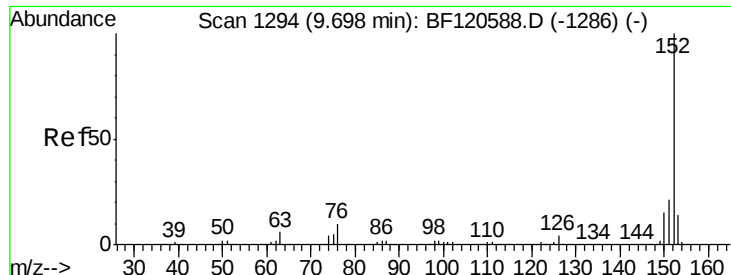
#48  
 2-Nitroaniline  
 Concen: 38.945 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

Tgt Ion: 65 Resp: 212168  
 Ion Ratio Lower Upper  
 65 100  
 92 70.3 56.0 84.0  
 138 114.6 94.0 141.0



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





#49

Acenaphthylene

Concen: 41.187 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

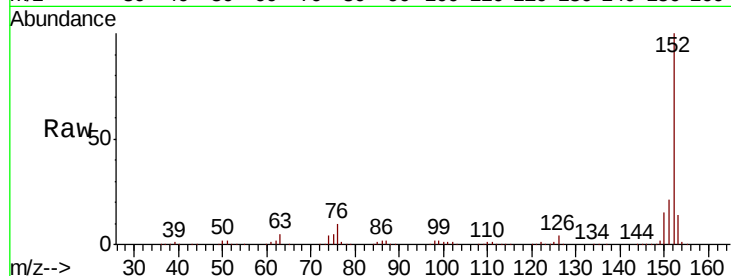
Tot Ion:152 Resp: 1102601

Ion Ratio Lower Upper

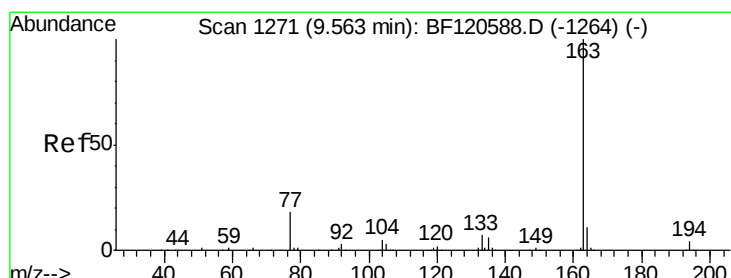
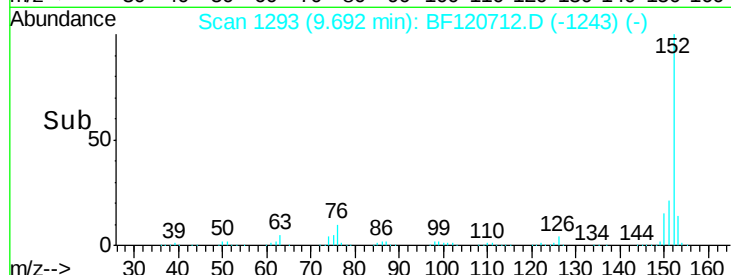
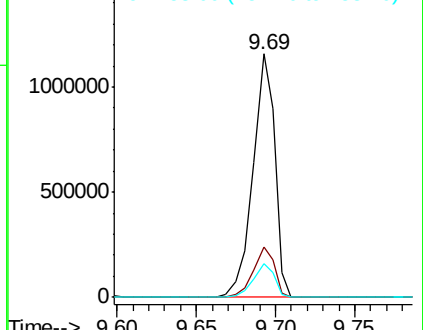
152 100

151 20.8 16.6 25.0

153 13.7 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: 41.078 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

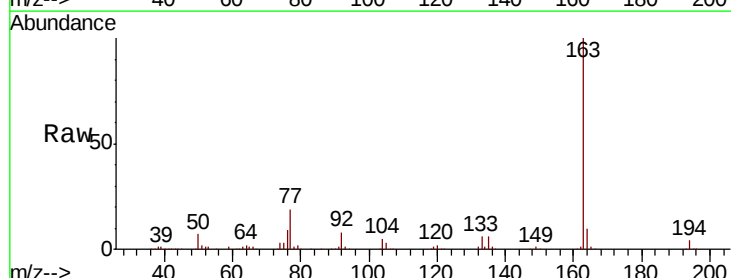
Tgt Ion:163 Resp: 840424

Ion Ratio Lower Upper

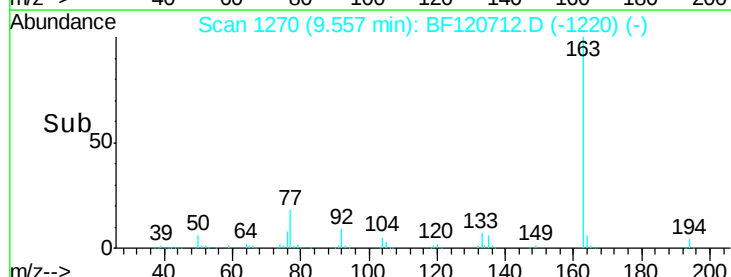
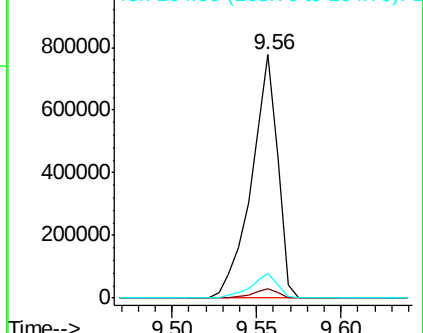
163 100

194 3.9 3.1 4.7

164 10.3 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 40.998 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

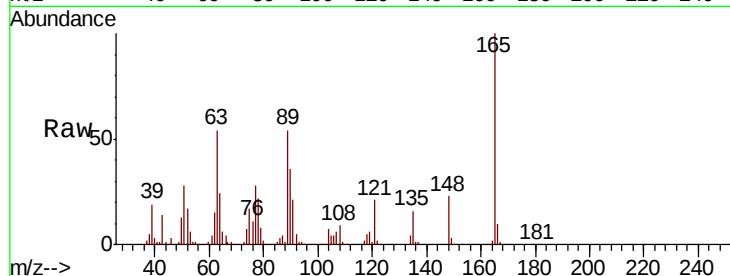
Tot Ion:165 Resp: 190095

Ion Ratio Lower Upper

165 100

63 54.2 41.7 62.5

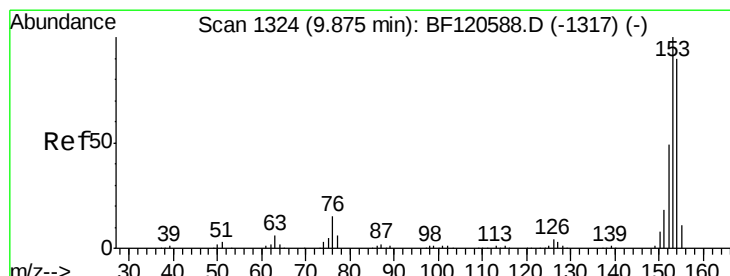
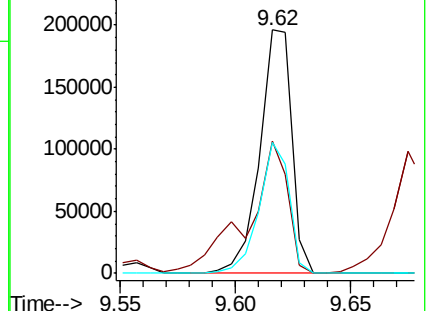
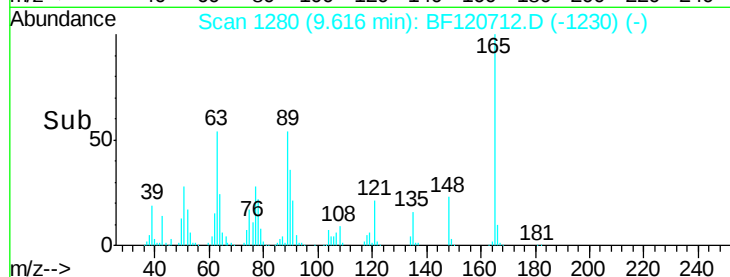
89 54.0 42.6 64.0



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: 40.538 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

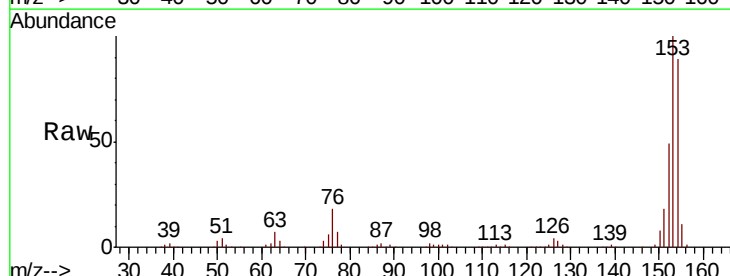
Tgt Ion:154 Resp: 647234

Ion Ratio Lower Upper

154 100

153 112.3 89.1 133.7

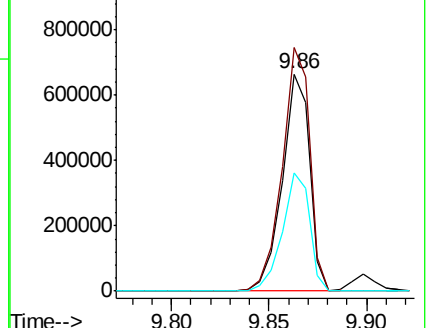
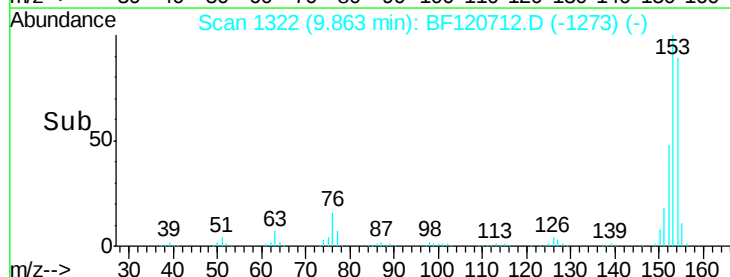
152 54.5 43.7 65.5

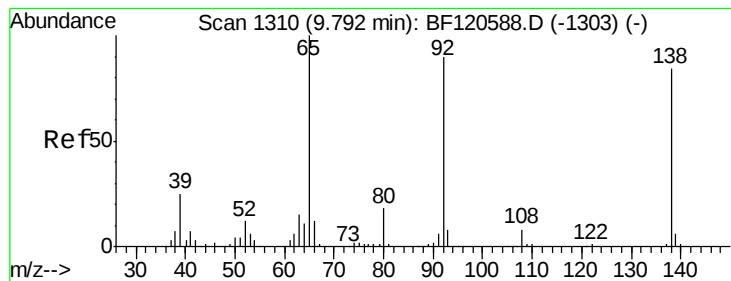


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 23.336 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

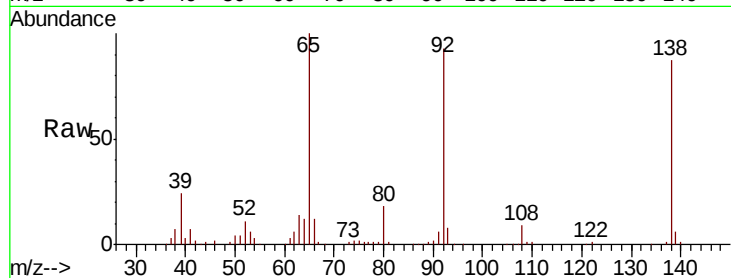
Tot Ion:138 Resp: 129959

Ion Ratio Lower Upper

138 100

108 9.9 8.0 12.0

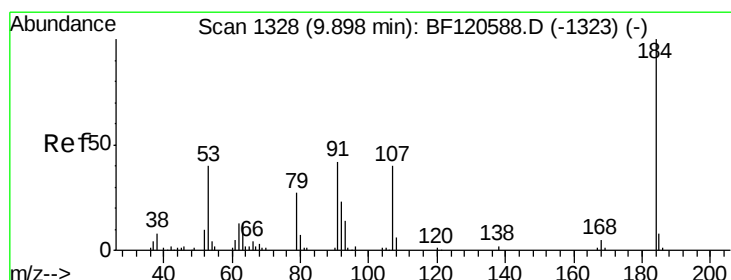
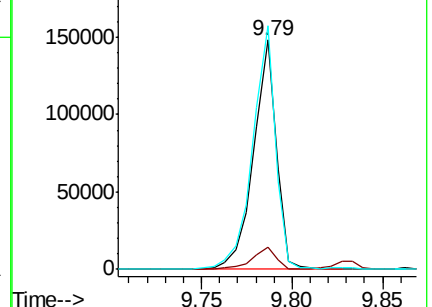
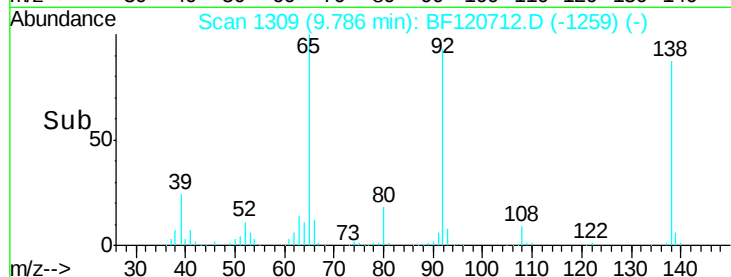
92 106.1 86.0 129.0



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: 34.307 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

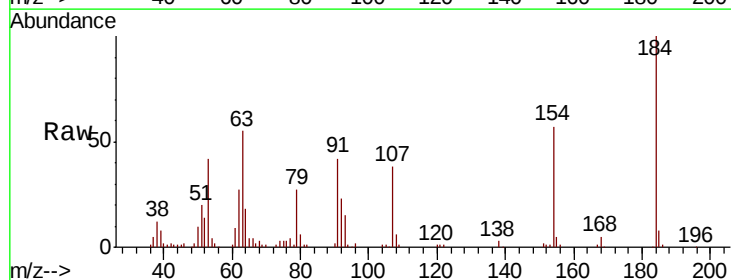
Tgt Ion:184 Resp: 88370

Ion Ratio Lower Upper

184 100

63 55.5 44.2 66.2

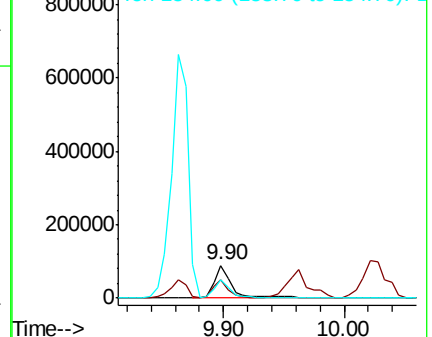
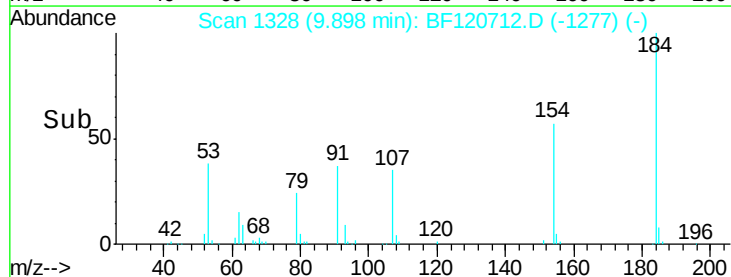
154 57.1 45.9 68.9

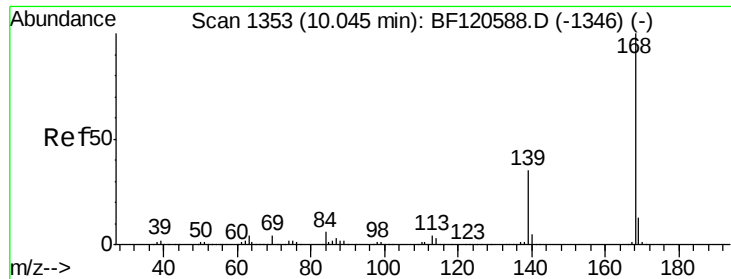


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

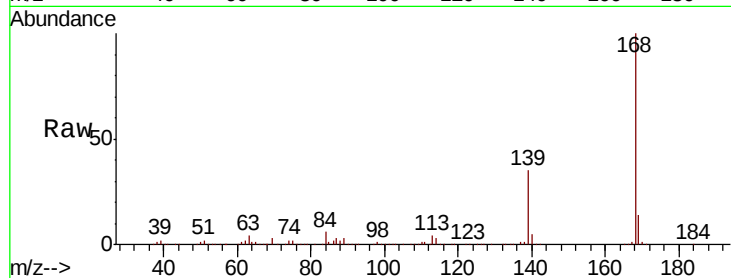




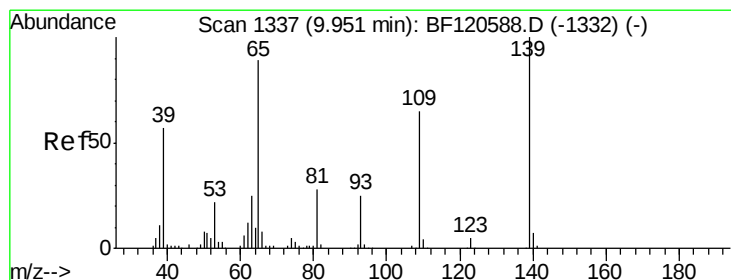
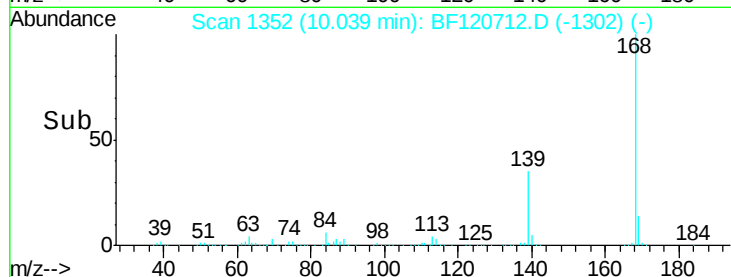
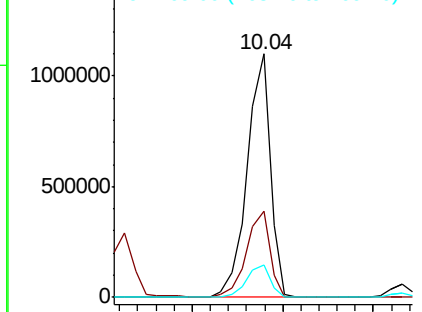
#55  
Dibenzofuran  
Concen: 40.126 ng  
RT: 10.04 min Scan# 1352  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampled :  
PB129807BS

Tot Ion:168 Resp: 982315  
Ion Ratio Lower Upper  
168 100  
139 35.5 28.1 42.1  
169 13.5 10.6 16.0

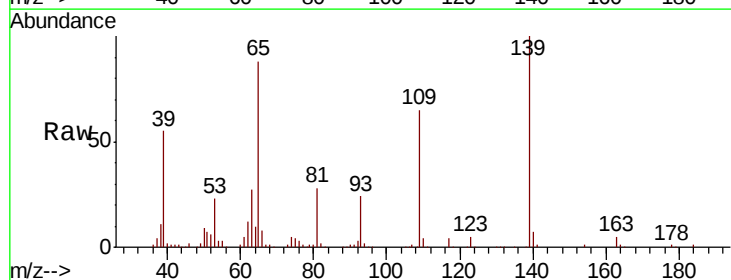


Abundance Ion 168.00 (167.70 to 168.70): E  
1500000 Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

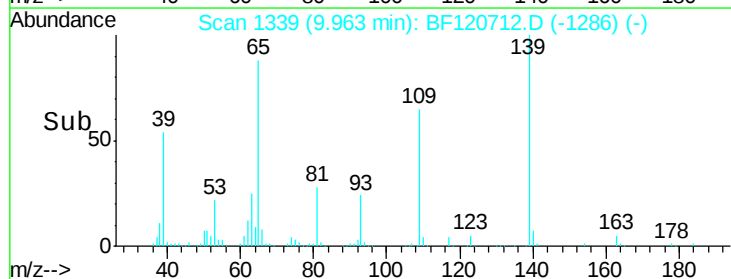
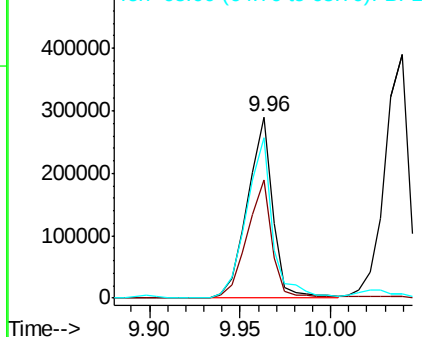


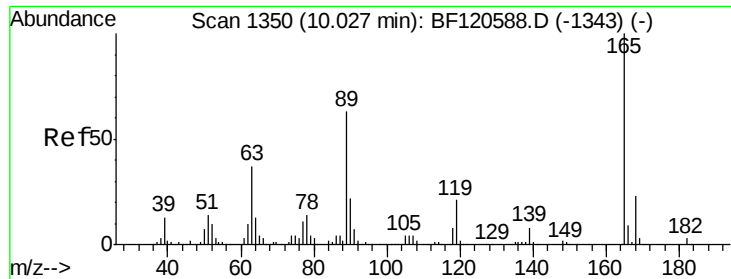
#56  
4-Nitrophenol  
Concen: 67.528 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion:139 Resp: 283237  
Ion Ratio Lower Upper  
139 100  
109 65.0 44.6 84.6  
65 88.2 69.2 109.2



Abundance Ion 139.00 (138.70 to 139.70): E  
500000 Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1

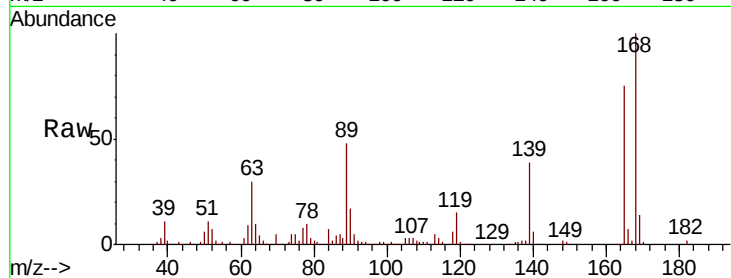




#57  
2,4-Dinitrotoluene  
Concen: 40.043 ng  
RT: 10.03 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.8  | 29.8  | 44.8  |
| 89      | 63.2  | 50.4  | 75.6  |
| 182     | 2.4   | 2.1   | 3.1   |



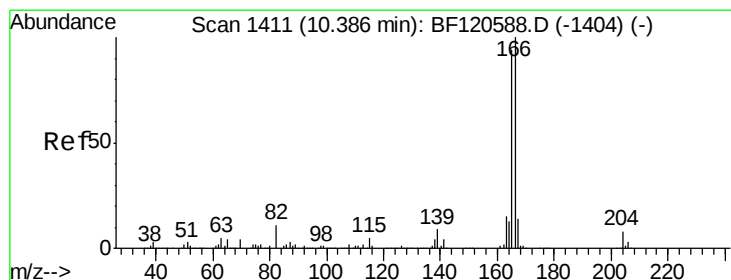
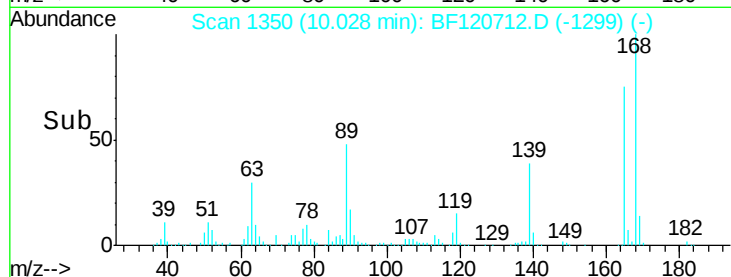
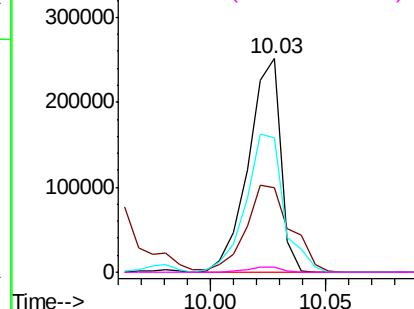
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

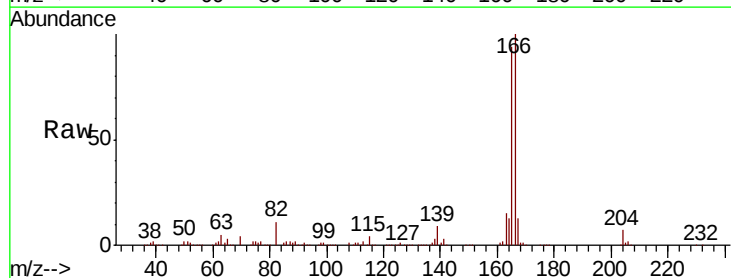
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 40.030 ng  
RT: 10.38 min Scan# 1410  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.7  | 75.0  | 112.6 |
| 167     | 13.3  | 11.0  | 16.4  |

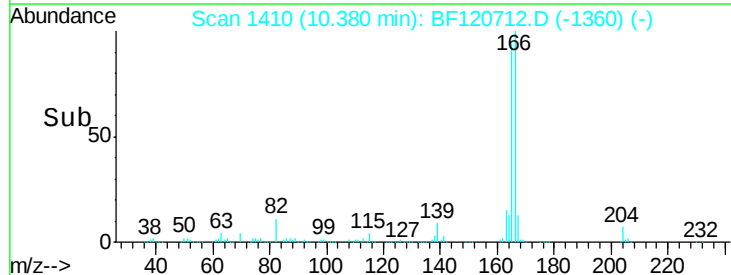
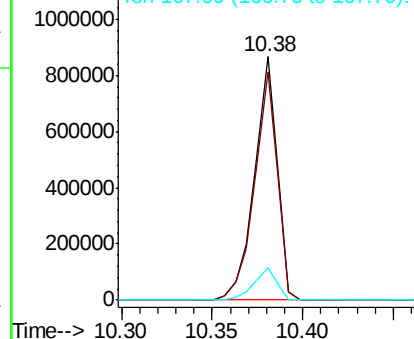


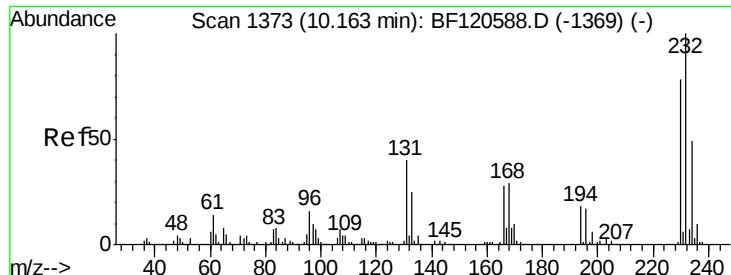
Abundance

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

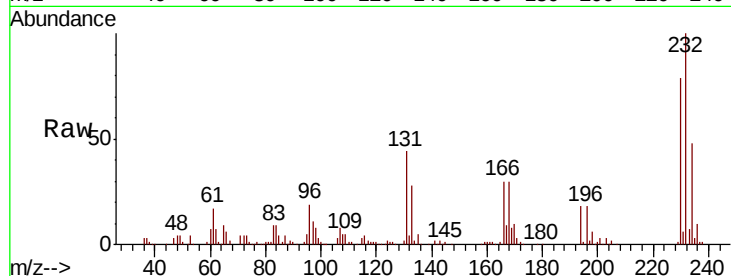




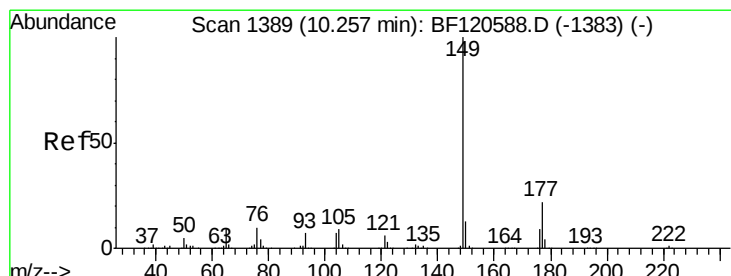
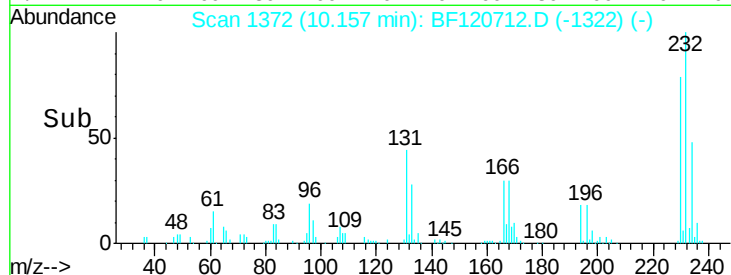
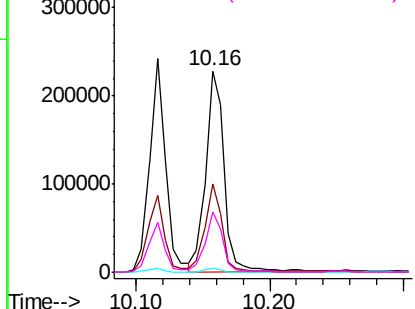
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.634 ng  
RT: 10.16 min Scan# 1372  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.6  | 33.5  | 50.3  |
| 130     | 1.9   | 1.5   | 2.3   |
| 166     | 28.3  | 23.4  | 35.0  |

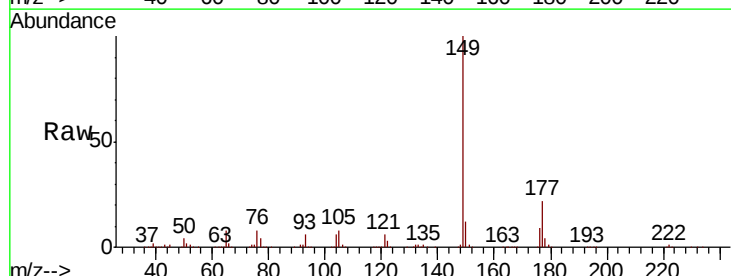


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

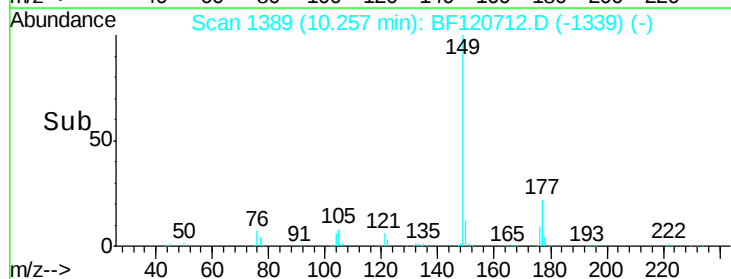
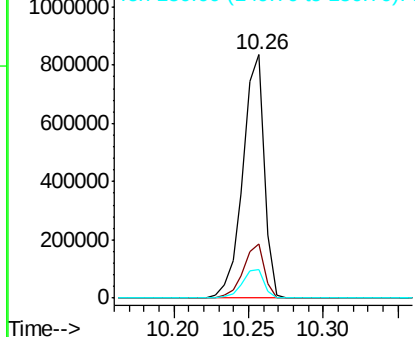


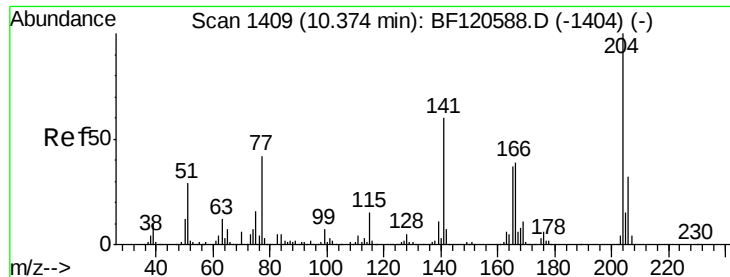
#60  
Diethylphthalate  
Concen: 41.103 ng  
RT: 10.26 min Scan# 1389  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.4  | 17.3  | 25.9  |
| 150     | 12.0  | 10.3  | 15.5  |



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

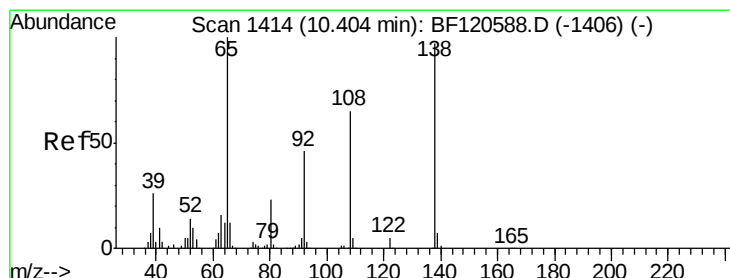
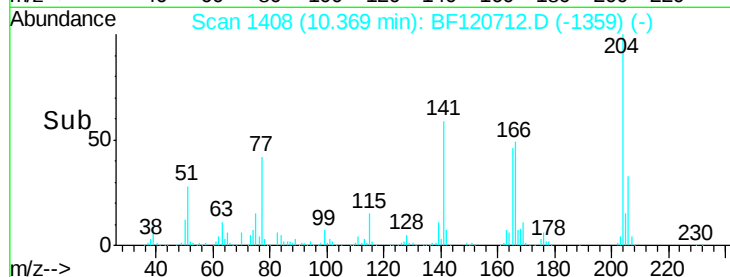
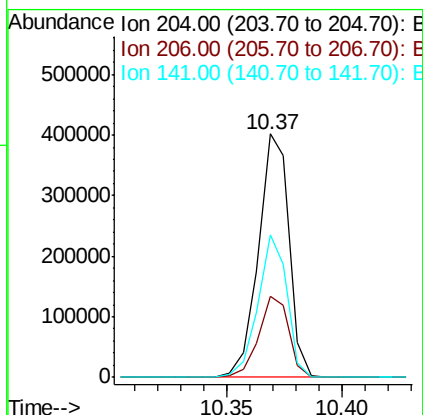
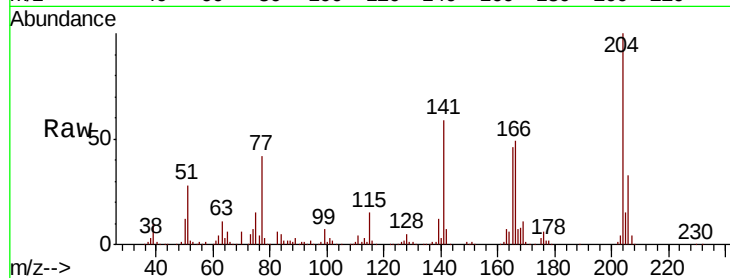




#61  
 4-Chlorophenyl-phenylether  
 Concen: 37.982 ng  
 RT: 10.37 min Scan# 1408  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

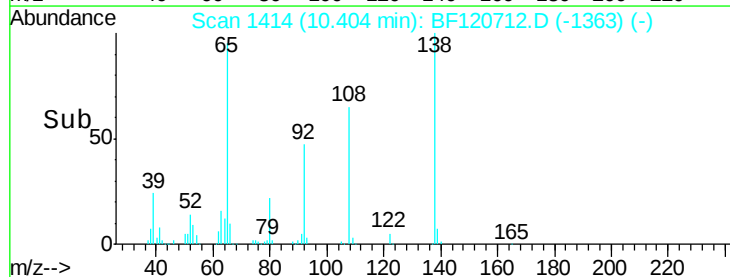
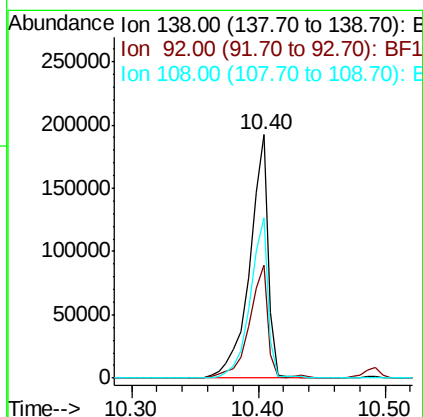
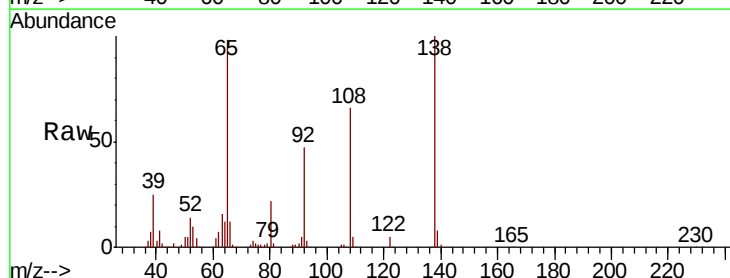
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB129807BS

Tot Ion:204 Resp: 370170  
 Ion Ratio Lower Upper  
 204 100  
 206 33.3 25.9 38.9  
 141 58.6 47.6 71.4



#62  
 4-Nitroaniline  
 Concen: 35.453 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. 0.00 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

Tgt Ion:138 Resp: 196014  
 Ion Ratio Lower Upper  
 138 100  
 92 46.6 27.3 67.3  
 108 65.8 47.4 87.4





#63

Azobenzene

Concen: 40.527 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

Tot Ion: 77 Resp: 741282

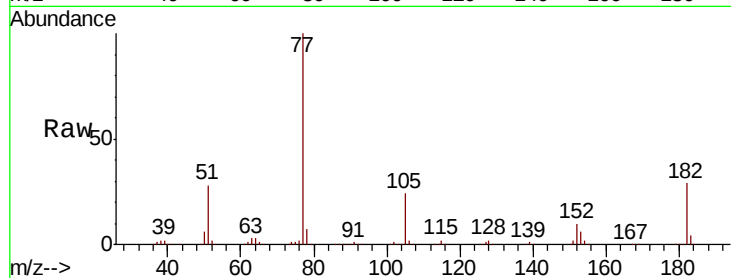
Ion Ratio Lower Upper

77 100

182 29.2 7.7 47.7

105 23.6 3.2 43.2

51 28.2 8.5 48.5

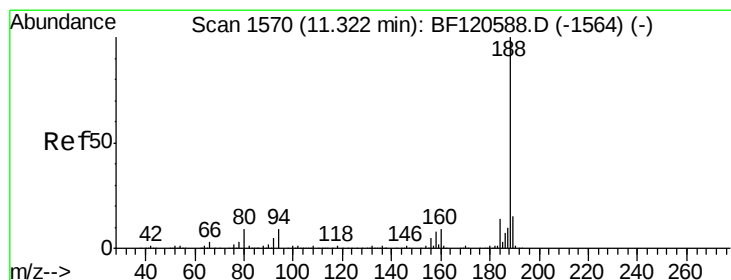
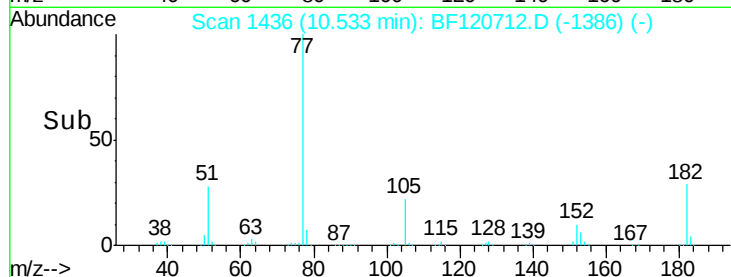
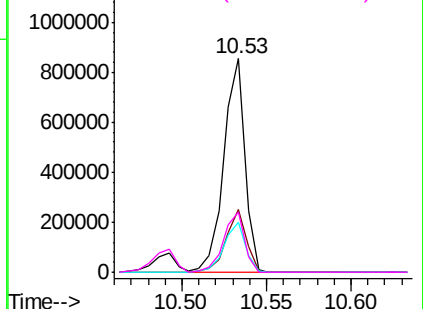


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

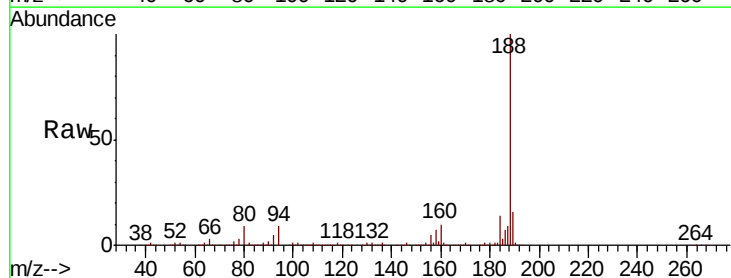
Tgt Ion: 188 Resp: 538697

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

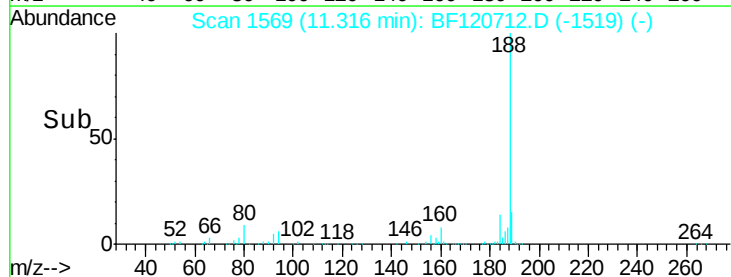
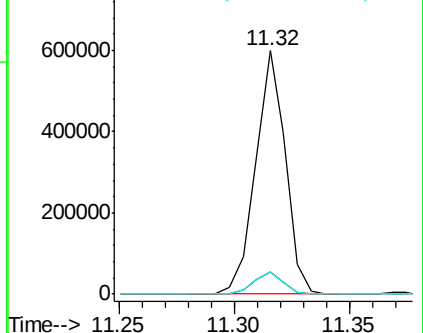
80 9.4 7.4 11.2

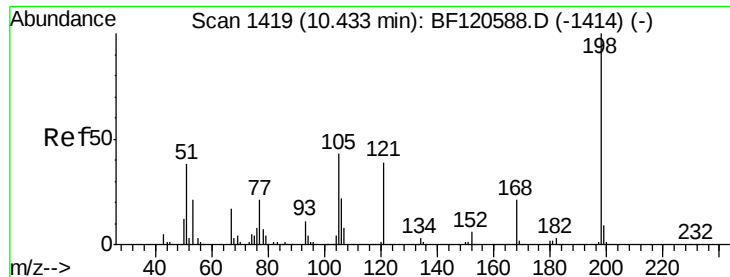


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

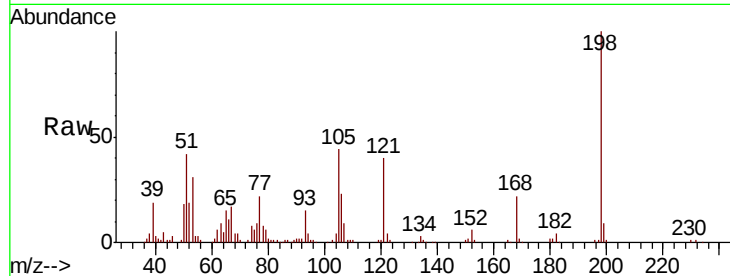




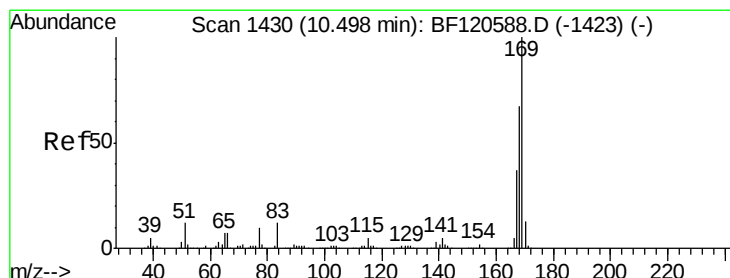
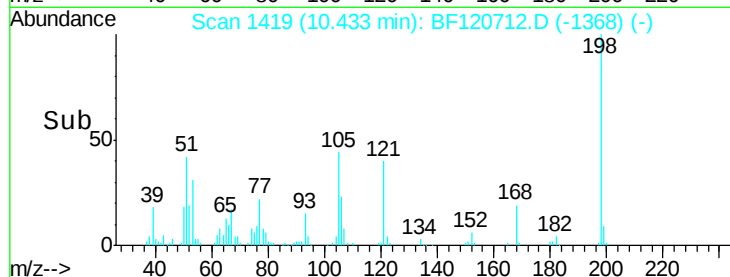
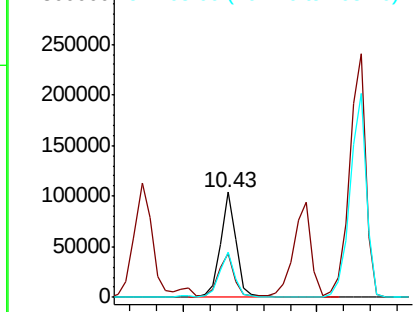
#65  
4,6-Dinitro-2-methylphenol  
Concen: 27.066 ng  
RT: 10.43 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

Tot Ion:198 Resp: 87489  
Ion Ratio Lower Upper  
198 100  
51 42.2 24.8 64.8  
105 43.5 23.9 63.9

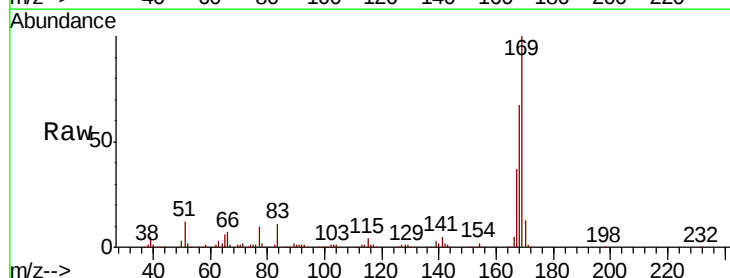


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

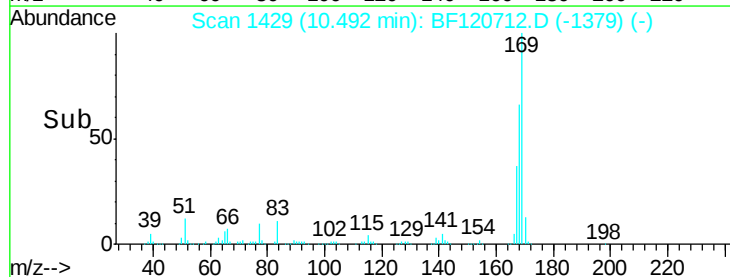
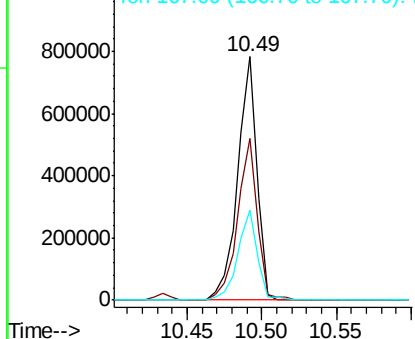


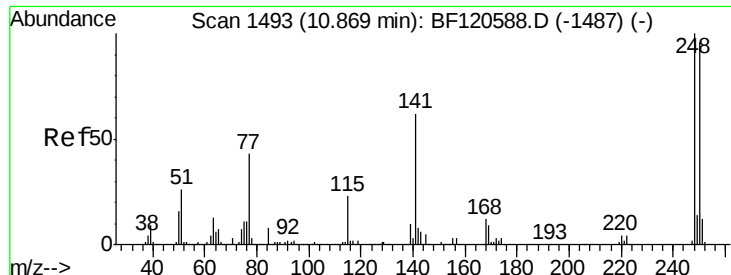
#66  
n-Nitrosodiphenylamine  
Concen: 42.875 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion:169 Resp: 709276  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.7 80.5  
167 37.0 29.9 44.9



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

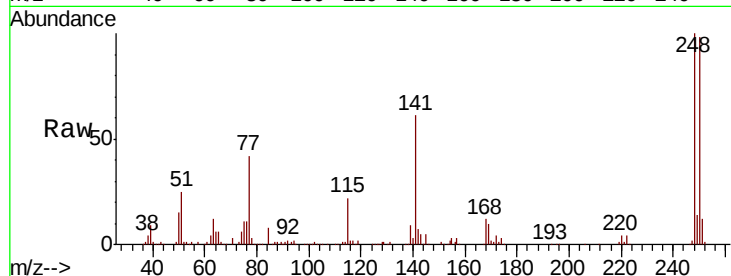




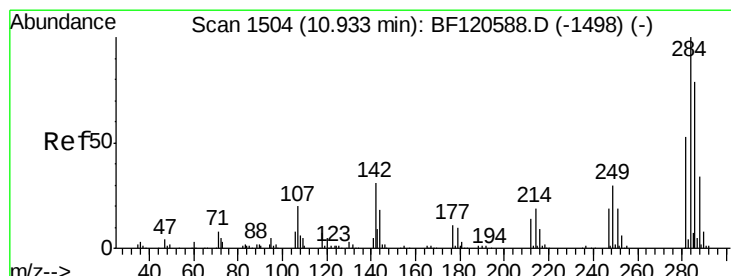
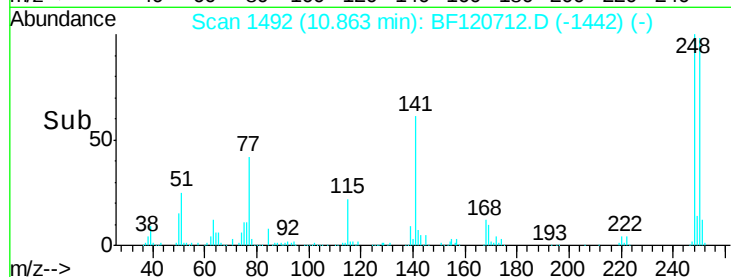
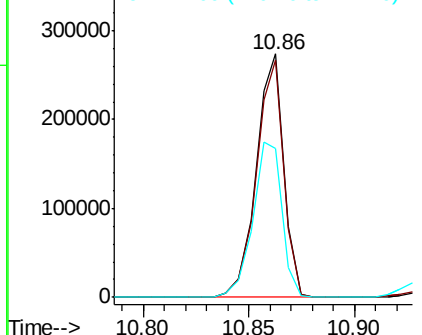
#67  
4-Bromophenyl-phenylether  
Concen: 40.557 ng  
RT: 10.86 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

Tot Ion:248 Resp: 247956  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.7 115.1  
141 61.4 49.4 74.0

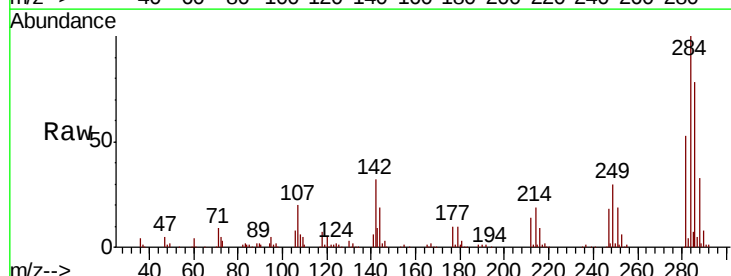


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

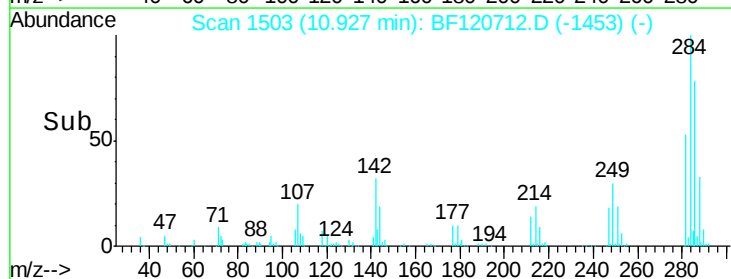
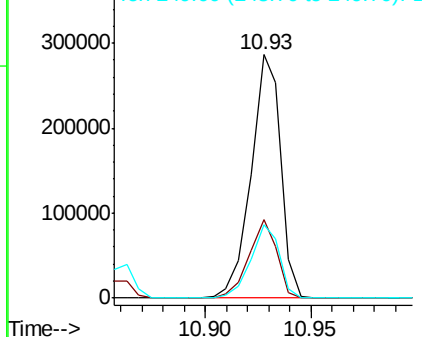


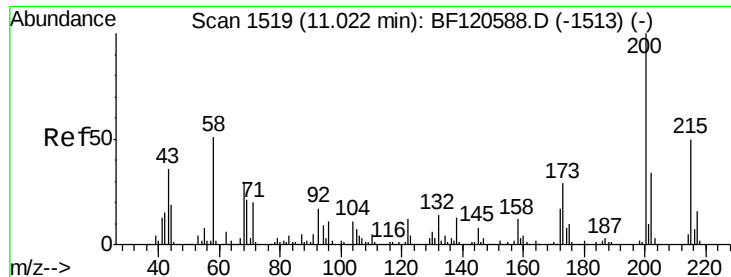
#68  
Hexachlorobenzene  
Concen: 42.363 ng  
RT: 10.93 min Scan# 1503  
Delta R.T. -0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion:284 Resp: 278463  
Ion Ratio Lower Upper  
284 100  
142 32.1 25.1 37.7  
249 30.1 24.0 36.0



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

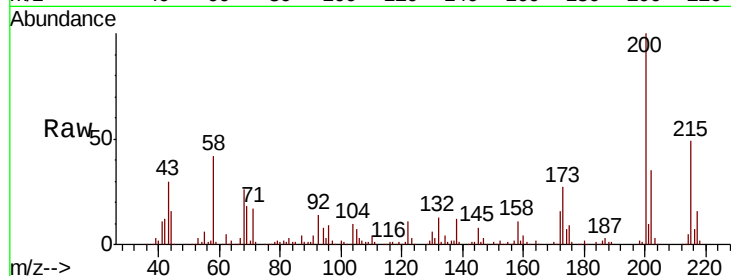




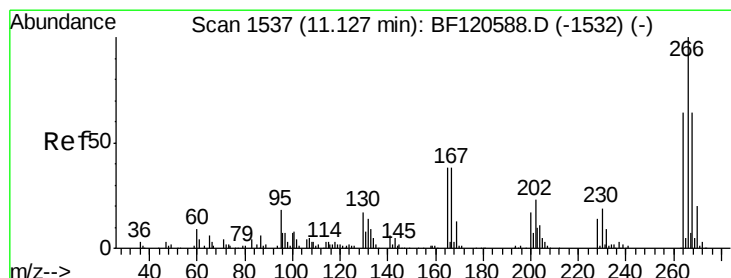
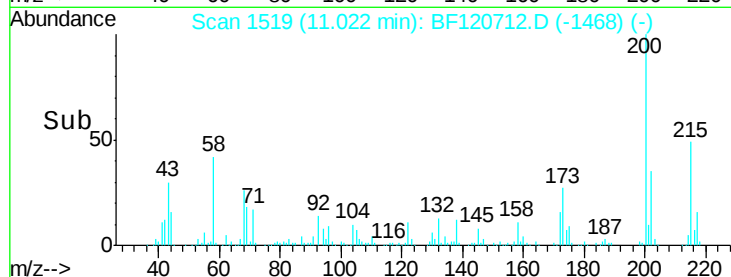
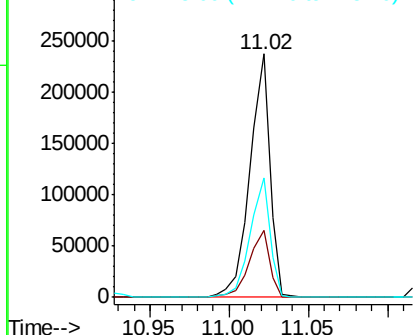
#69  
Atrazine  
Concen: 40.679 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. 0.00 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

Tot Ion:200 Resp: 208244  
Ion Ratio Lower Upper  
200 100  
173 27.5 9.1 49.1  
215 48.9 29.8 69.8

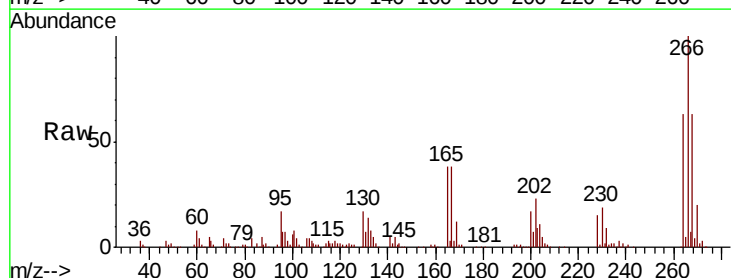


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

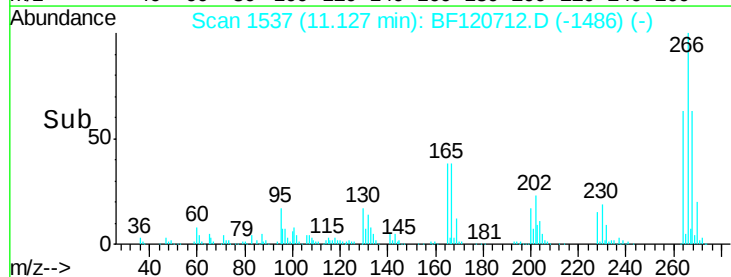
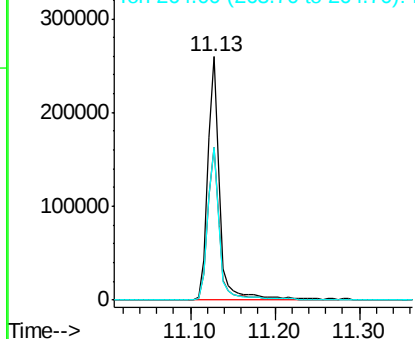


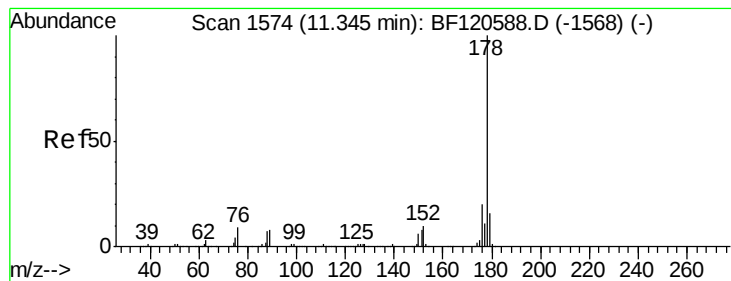
#70  
Pentachlorophenol  
Concen: 69.986 ng  
RT: 11.13 min Scan# 1537  
Delta R.T. 0.00 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion:266 Resp: 255761  
Ion Ratio Lower Upper  
266 100  
268 62.8 51.4 77.0  
264 62.6 50.8 76.2



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: 42.172 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

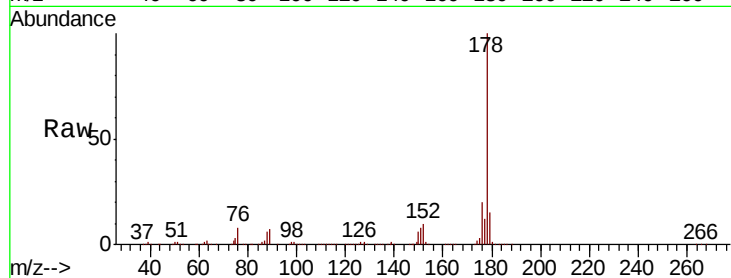
Tot Ion:178 Resp: 1129303

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

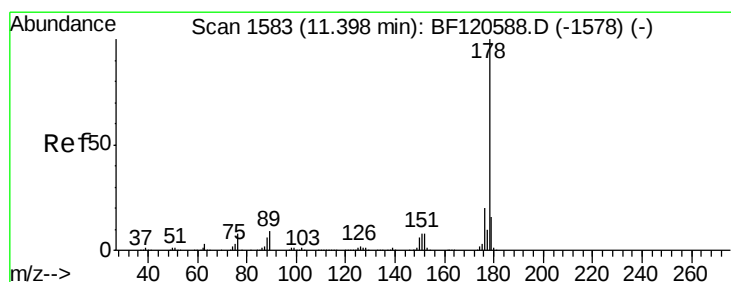
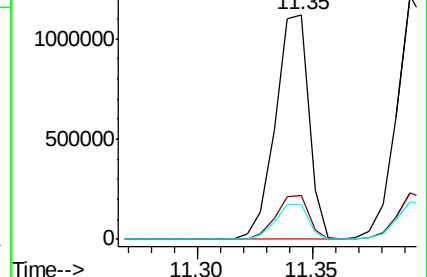
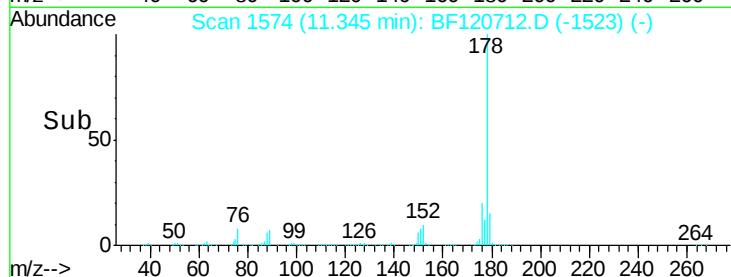
179 15.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.580 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

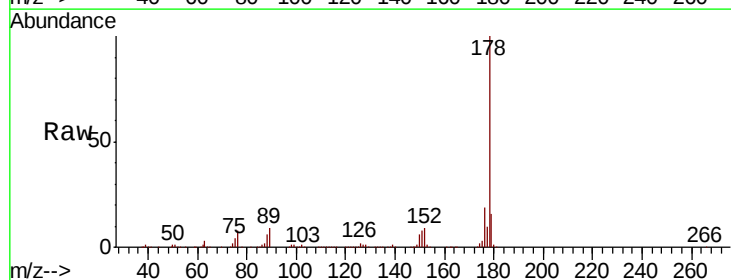
Tgt Ion:178 Resp: 1176324

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

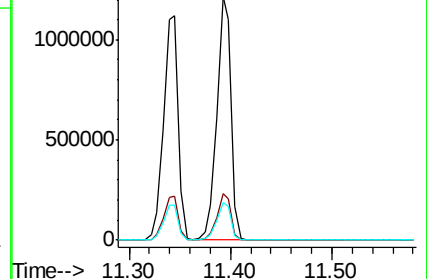
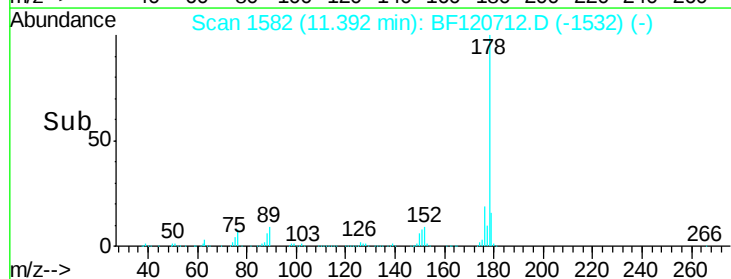
179 15.6 12.9 19.3

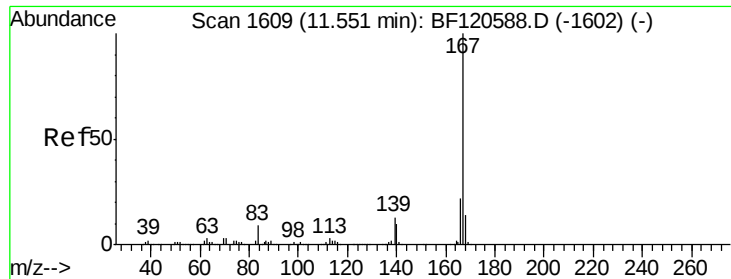


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

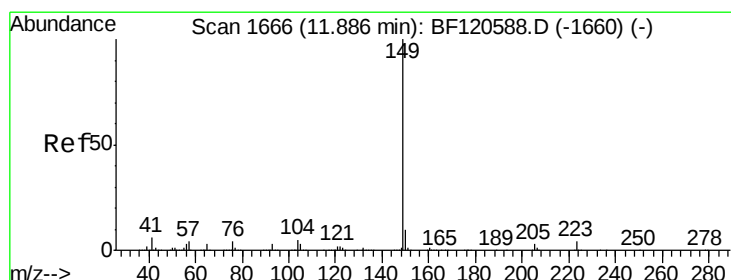
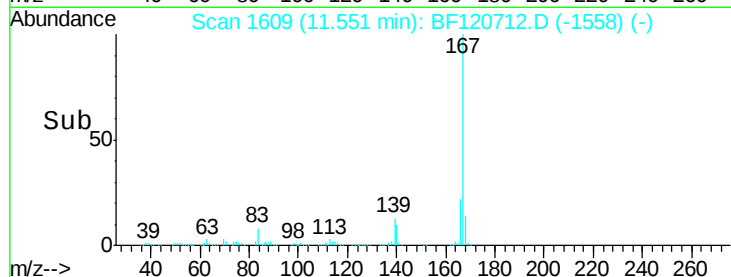
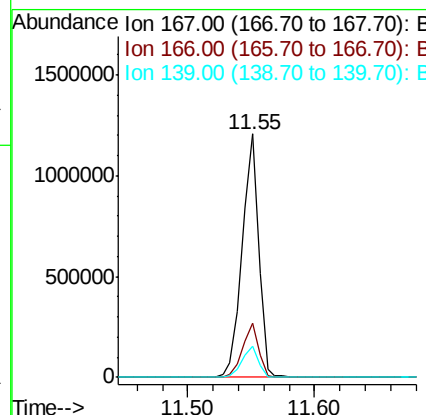
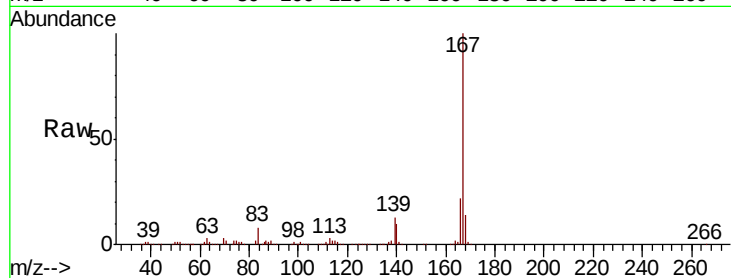




#73  
 Carbazole  
 Concen: 40.297 ng  
 RT: 11.55 min Scan# 1609  
 Delta R.T. 0.00 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

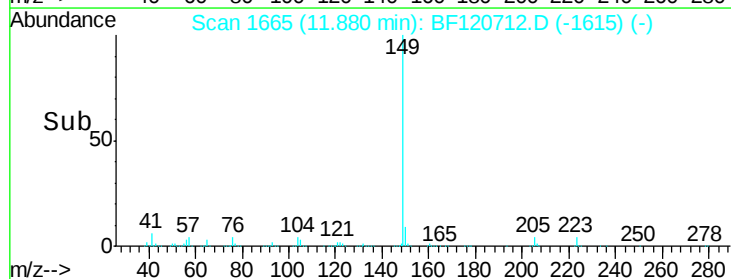
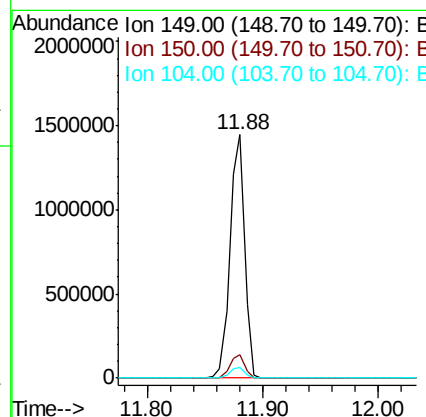
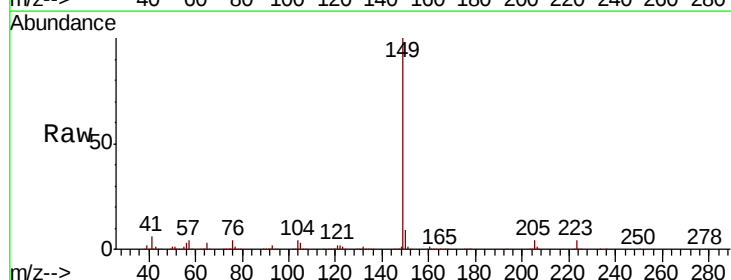
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

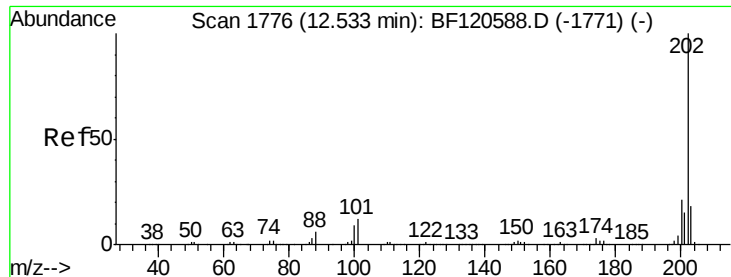
Tot Ion:167 Resp: 1076701  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.2 25.8  
 139 12.6 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 42.185 ng  
 RT: 11.88 min Scan# 1665  
 Delta R.T. -0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

Tgt Ion:149 Resp: 1267198  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 23.606 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

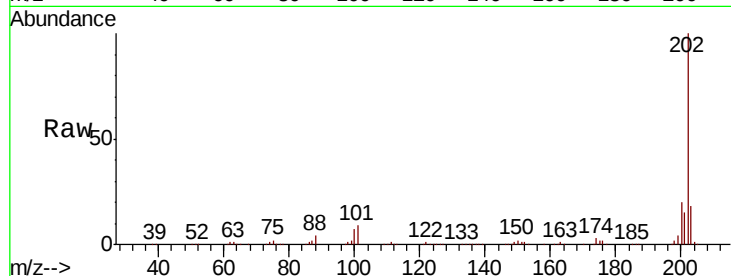
Tot Ion:202 Resp: 722730

Ion Ratio Lower Upper

202 100

101 9.1 0.0 32.0

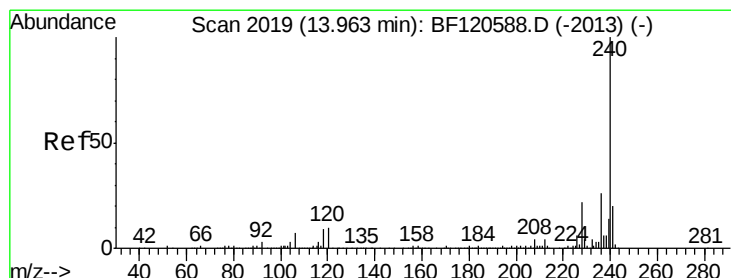
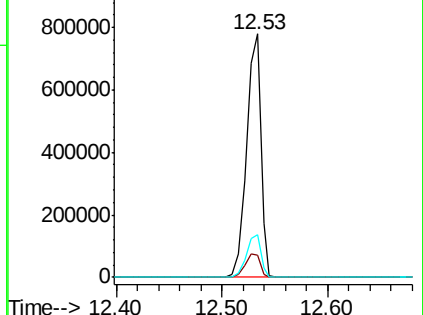
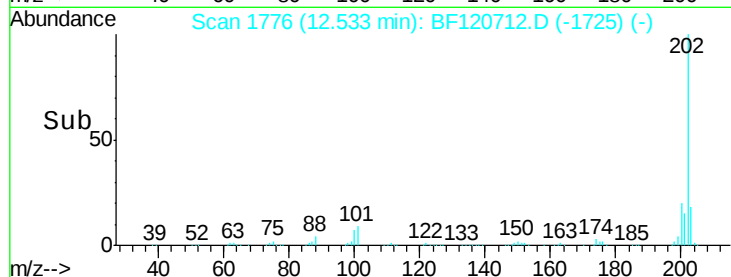
203 17.6 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

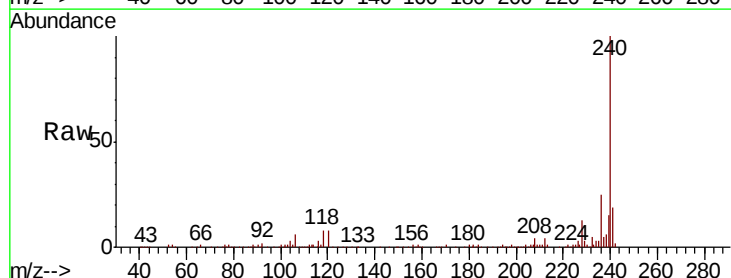
Tgt Ion:240 Resp: 245098

Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

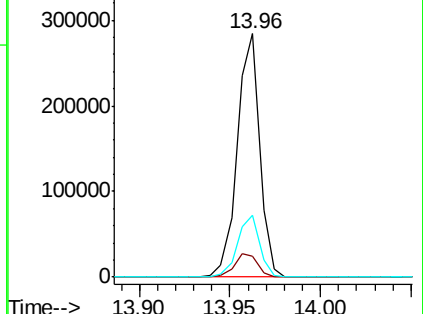
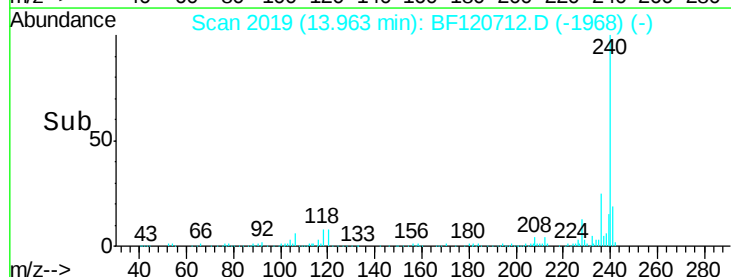
236 25.4 21.0 31.4

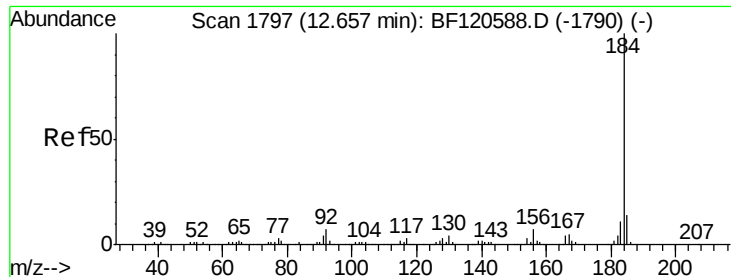


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.237 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

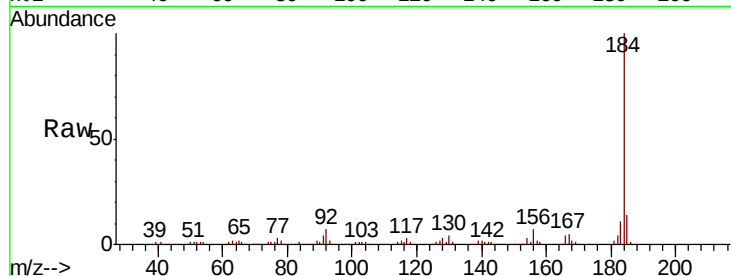
Tot Ion:184 Resp: 283789

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.4  | 11.4  | 17.0  |
| 183 | 10.9  | 9.0   | 13.6  |

184 100

185 14.4 11.4 17.0

183 10.9 9.0 13.6



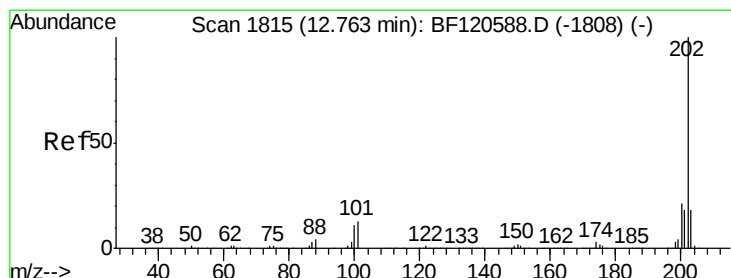
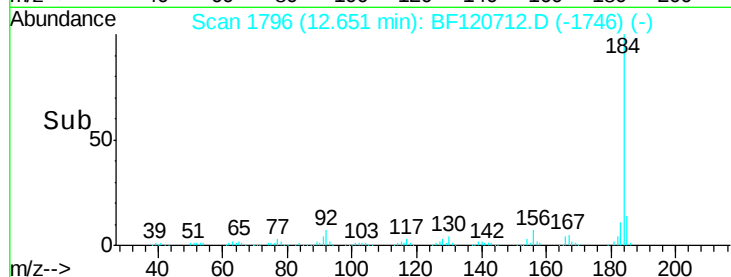
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.65

Time-->



#78

Pyrene

Concen: 41.596 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

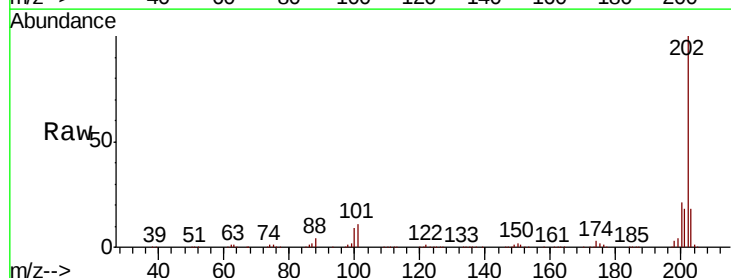
Tgt Ion:202 Resp: 722230

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.7  | 16.8  | 25.2  |
| 203 | 17.7  | 14.3  | 21.5  |

202 100

200 20.7 16.8 25.2

203 17.7 14.3 21.5



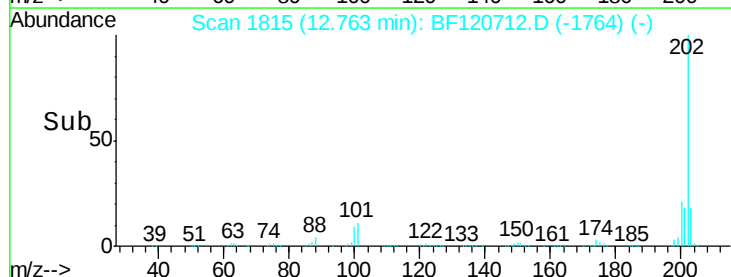
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.76

Time-->





#79

Terphenyl-d14

Concen: 91.218 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

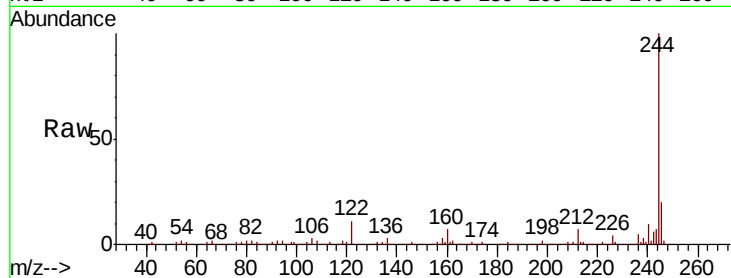
Tot Ion:244 Resp: 1012161

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

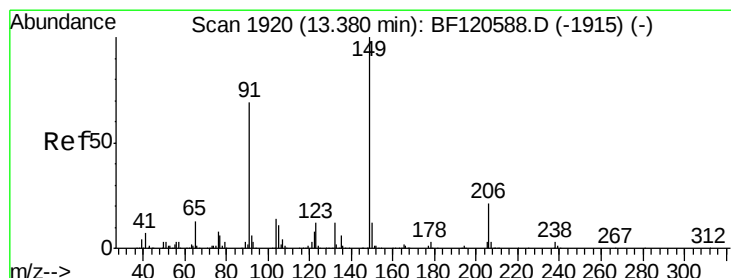
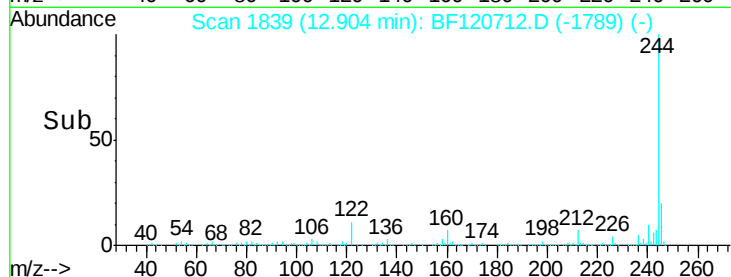
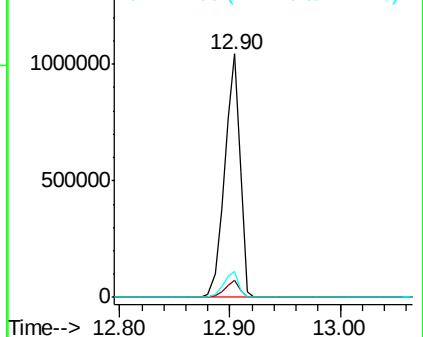
122 10.8 8.3 12.5



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: 40.610 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

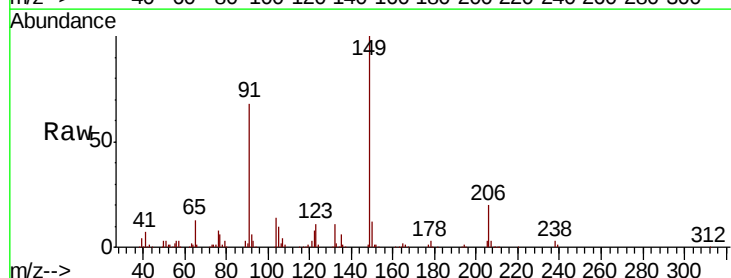
Tgt Ion:149 Resp: 313100

Ion Ratio Lower Upper

149 100

91 68.3 55.4 83.0

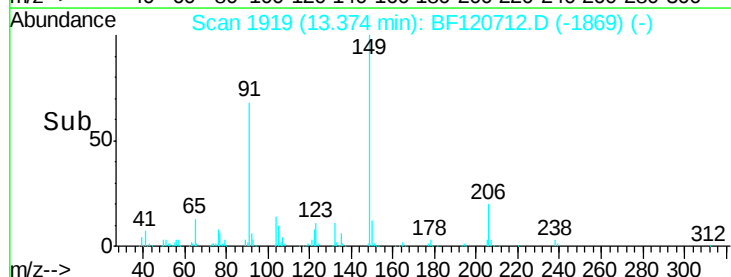
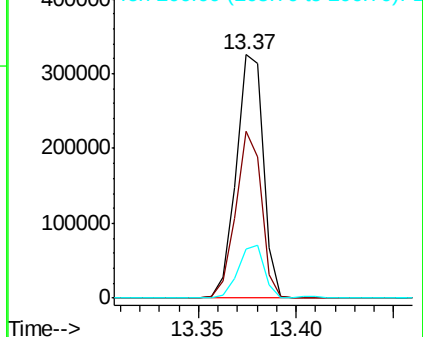
206 19.9 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.260 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

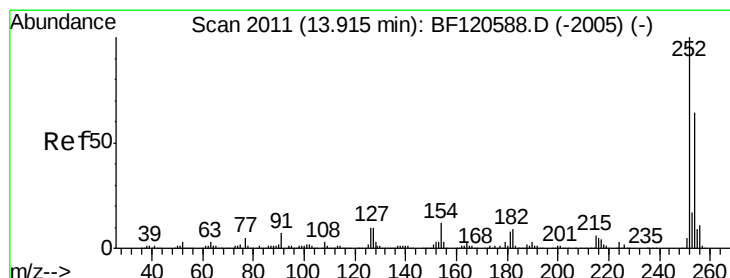
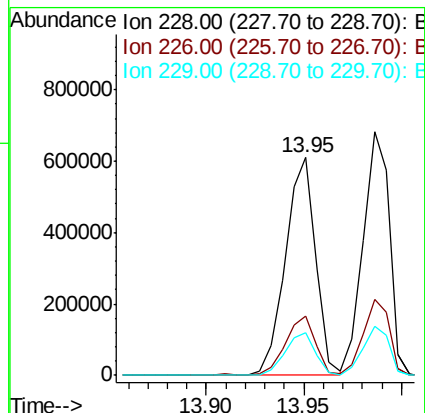
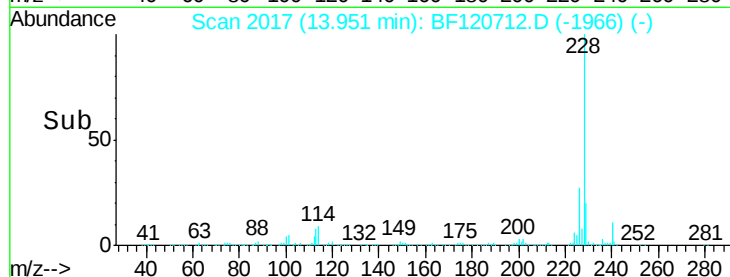
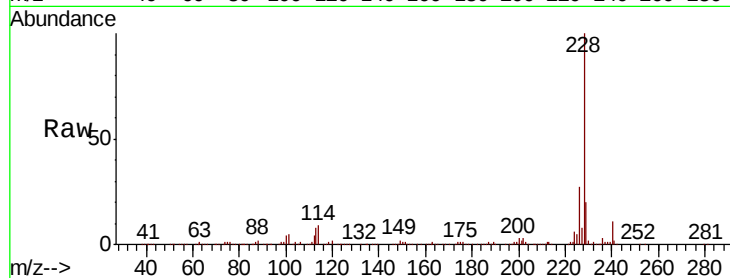
Tot Ion:228 Resp: 651736

Ion Ratio Lower Upper

228 100

226 27.5 22.5 33.7

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 29.087 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

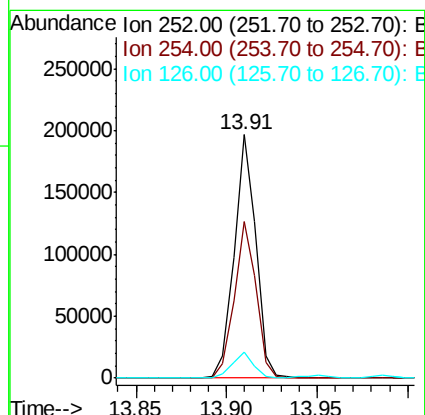
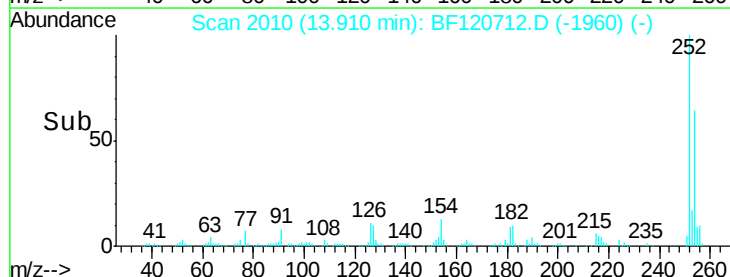
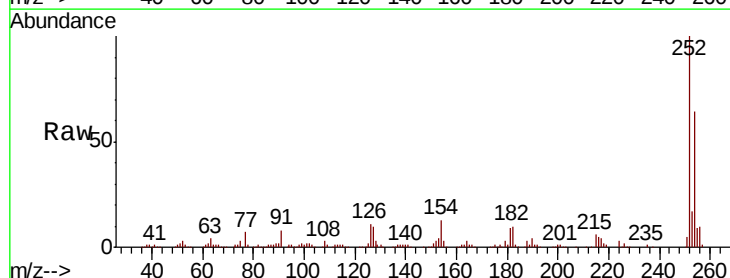
Tgt Ion:252 Resp: 163603

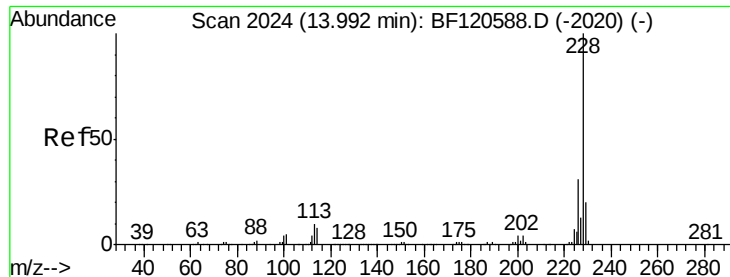
Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

126 10.6 7.9 11.9





#83

Chrvsene

Concen: 42.143 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

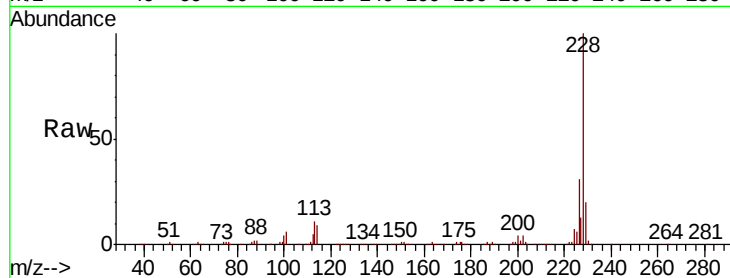
Tot Ion:228 Resp: 636555

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

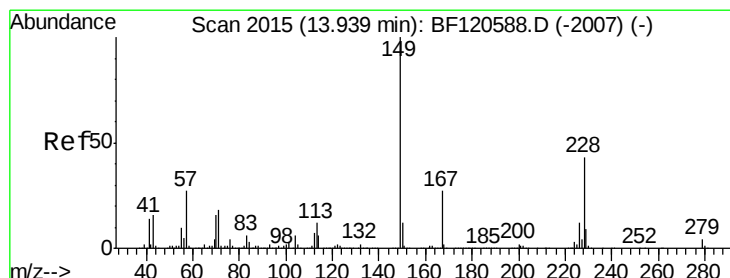
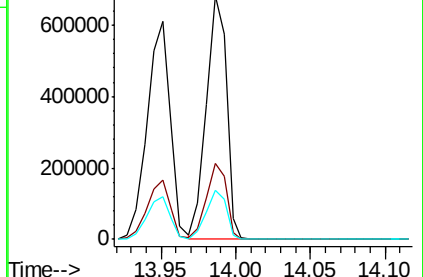
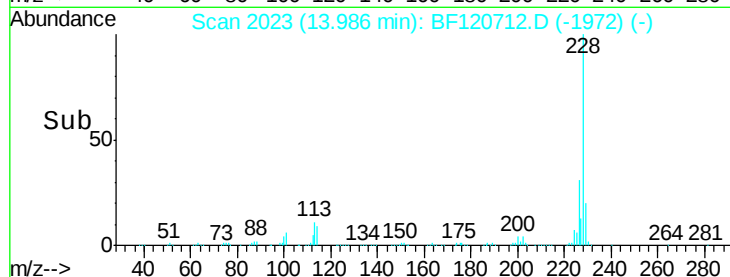
229 20.1 16.1 24.1



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: 46.370 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

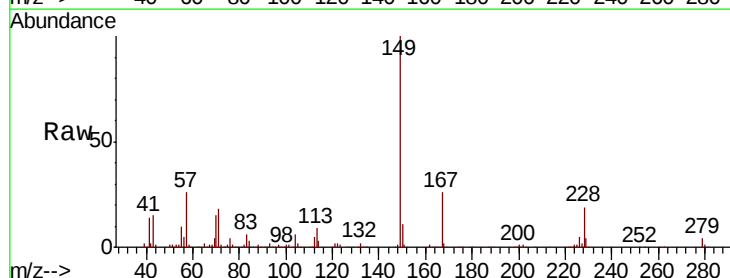
Tgt Ion:149 Resp: 436318

Ion Ratio Lower Upper

149 100

167 25.9 22.0 33.0

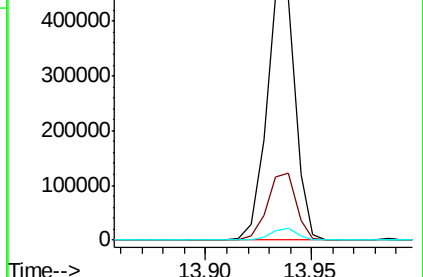
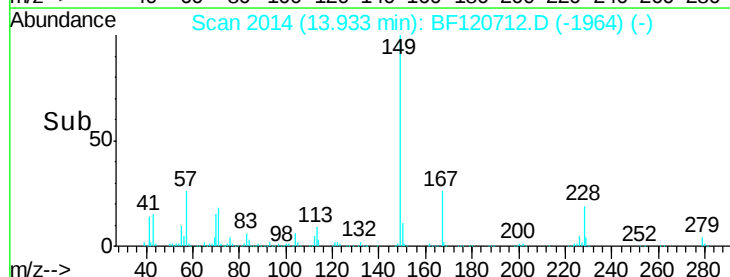
279 3.8 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.703 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

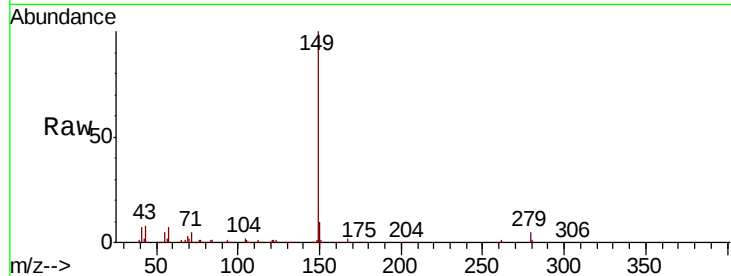
Tot Ion:149 Resp: 766843

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

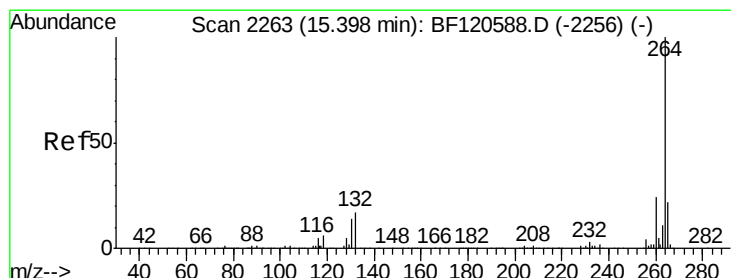
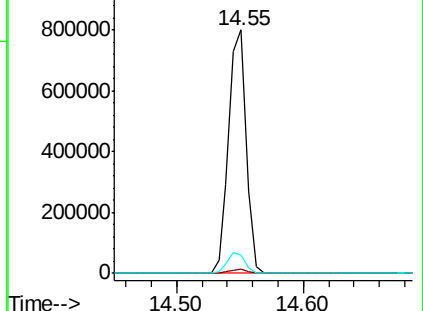
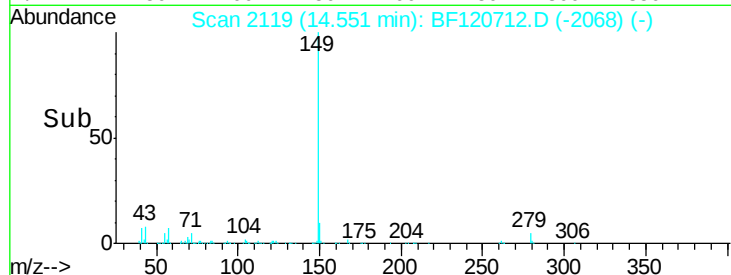
43 8.5 7.6 11.4



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: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

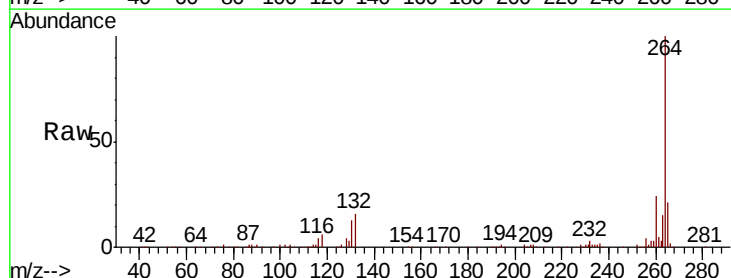
Tgt Ion:264 Resp: 263867

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

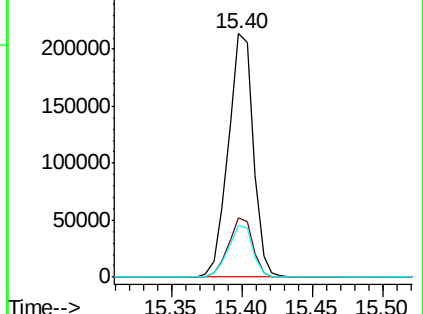
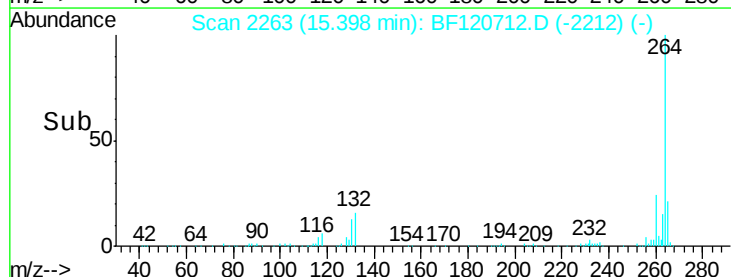
265 21.3 17.8 26.8

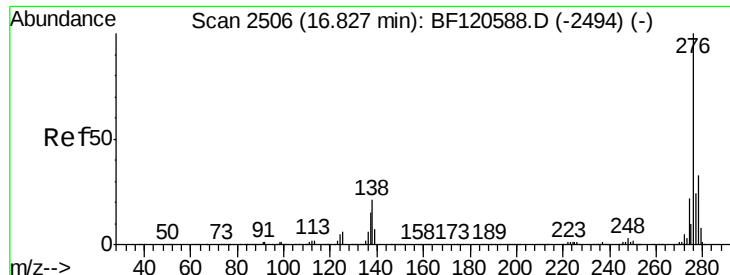


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

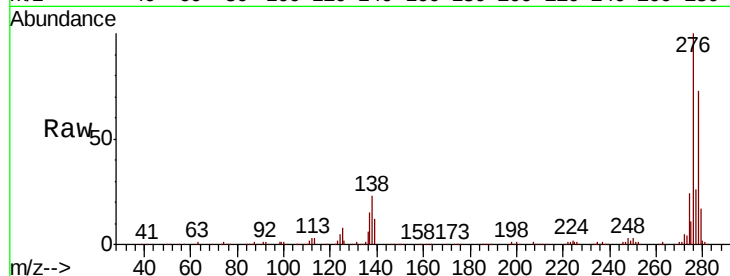




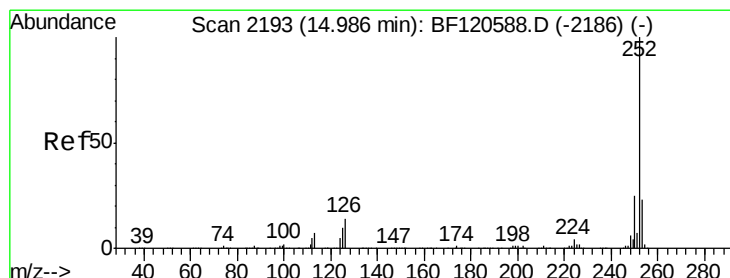
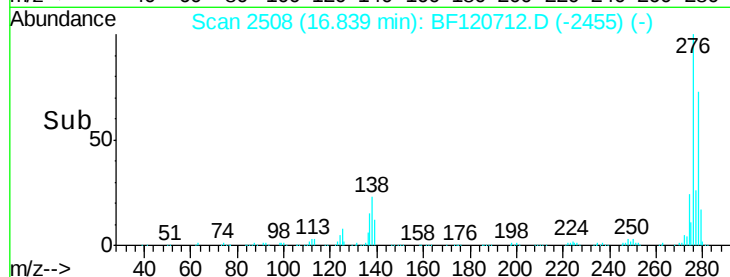
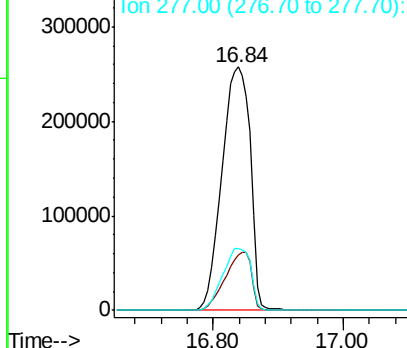
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.401 ng  
 RT: 16.84 min Scan# 2508  
 Delta R.T. 0.01 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB129807BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.0  | 18.9  | 28.3  |
| 277     | 25.3  | 20.2  | 30.2  |

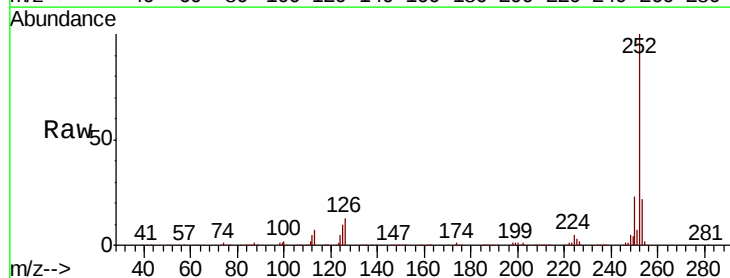


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

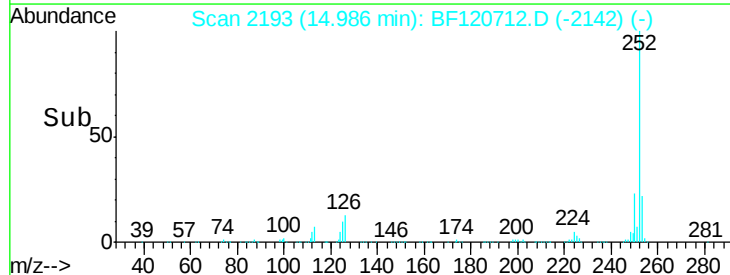
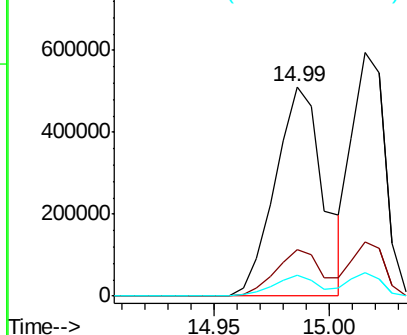


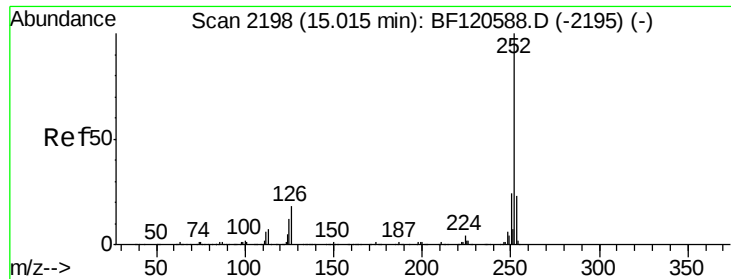
#88  
 Benzo(b)fluoranthene  
 Concen: 46.995 ng  
 RT: 14.99 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: BF120712.D  
 Acq: 26 Jun 2020 16:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.1  | 27.1  |
| 125     | 9.7   | 8.3   | 12.5  |



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

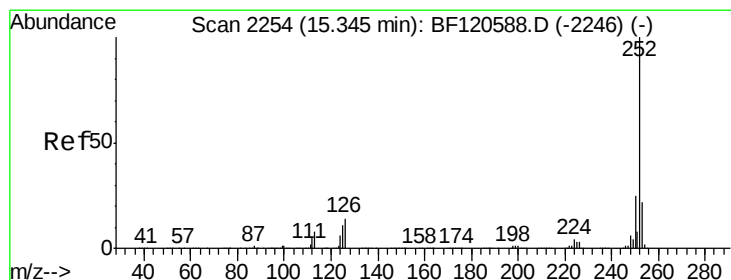
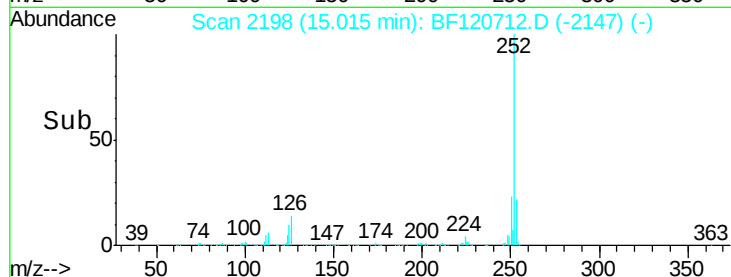
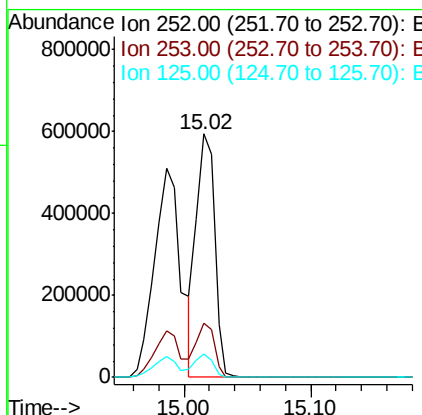
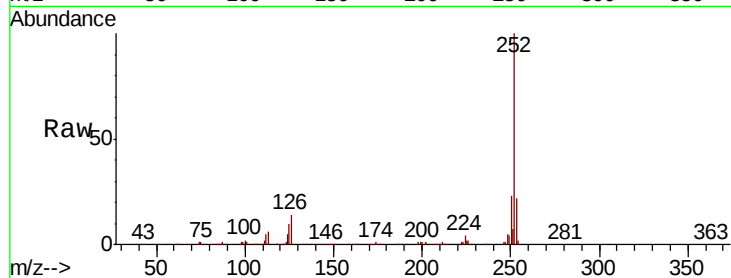




#89  
Benzo(k)fluoranthene  
Concen: 42.592 ng  
RT: 15.02 min Scan# 2198  
Delta R.T. 0.00 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

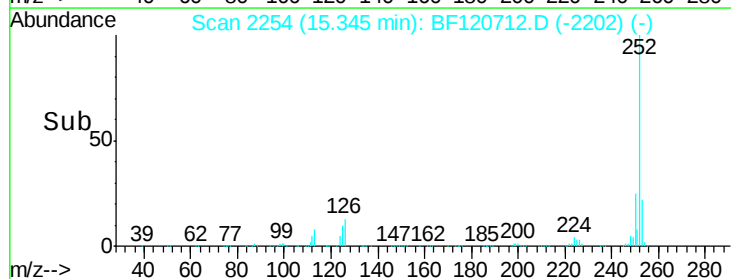
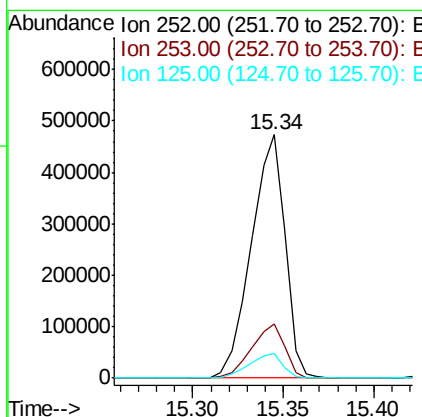
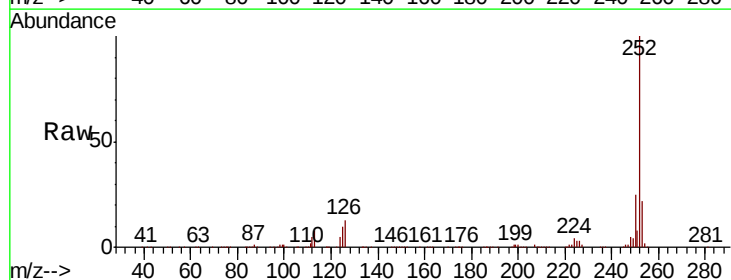
Instrument :  
BNA\_F  
ClientSampleId :  
PB129807BS

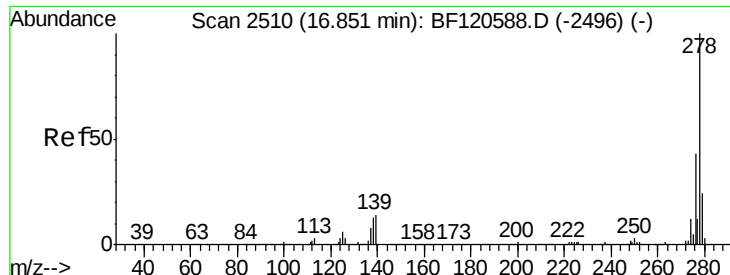
Tot Ion:252 Resp: 592377  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.0 27.0  
125 9.9 8.3 12.5



#90  
Benzo(a)pyrene  
Concen: 43.572 ng  
RT: 15.34 min Scan# 2254  
Delta R.T. 0.01 min  
Lab File: BF120712.D  
Acq: 26 Jun 2020 16:47

Tgt Ion:252 Resp: 612920  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 10.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 49.401 ng

RT: 16.86 min Scan# 2511

Delta R.T. 0.01 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

Instrument :

BNA\_F

ClientSampleId :

PB129807BS

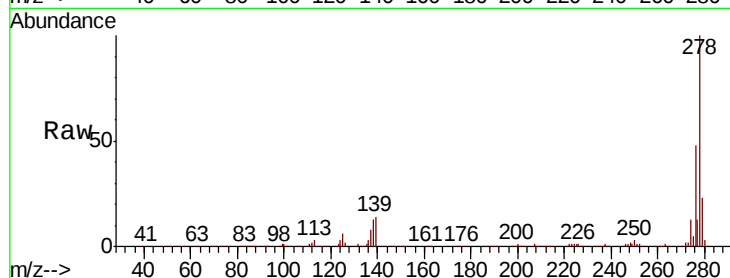
Tot Ion:278 Resp: 635842

Ion Ratio Lower Upper

278 100

139 13.8 11.4 17.2

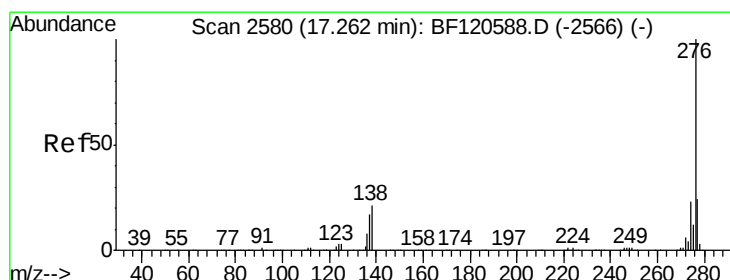
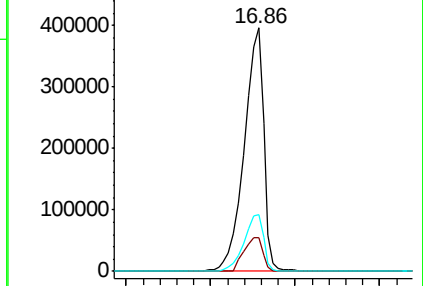
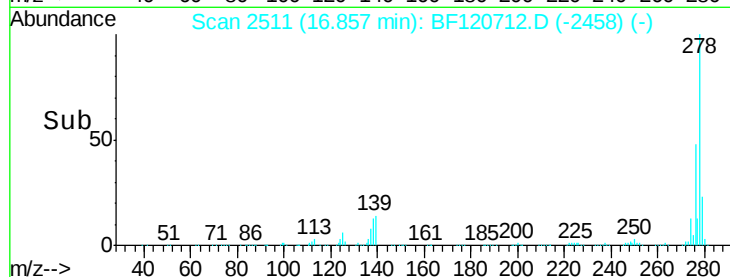
279 23.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.399 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.02 min

Lab File: BF120712.D

Acq: 26 Jun 2020 16:47

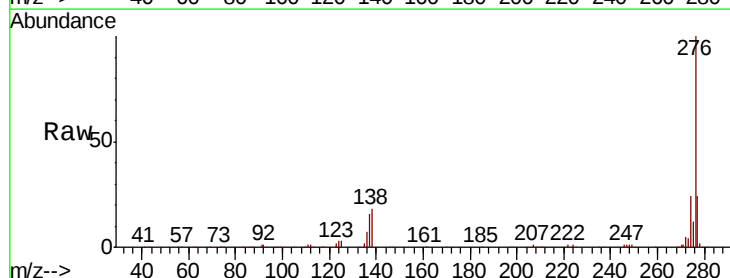
Tgt Ion:276 Resp: 640879

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 18.0 16.5 24.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

