

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\  
 Data File : BF121524.D  
 Acq On : 8 Sep 2020 16:13  
 Operator : JU/CG  
 Sample : PB131478BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

Quant Time: Sep 08 17:00:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 17:52:18 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.84  | 152  | 299080   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.13  | 136  | 1148057  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.88  | 164  | 586181   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.36 | 188  | 1124101  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 945335   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.46 | 264  | 948190   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.47  | 112 | 1627140 | 91.28  | ng | 0.00  |
| 7) Phenol-d6             | 6.47  | 99  | 2153741 | 86.45  | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.40  | 82  | 1353072 | 80.57  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 676182  | 114.21 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 9.20  | 172 | 2505679 | 68.97  | ng | 0.00  |
| 79) Terphenyl-d14        | 12.95 | 244 | 2665922 | 59.36  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.71 | 88  | 234284  | 27.558 | ng | 99     |
| 3) Pyridine                    | 3.45 | 79  | 699432  | 30.212 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.40 | 42  | 332122  | 32.455 | ng | 99     |
| 6) Aniline                     | 6.50 | 93  | 928080  | 31.399 | ng | 99     |
| 8) 2-Chlorophenol              | 6.63 | 128 | 722804  | 39.951 | ng | 97     |
| 9) Benzaldehyde                | 6.39 | 77  | 413824  | 30.757 | ng | 99     |
| 10) Phenol                     | 6.49 | 94  | 948630  | 38.927 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 684551  | 34.574 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.78 | 146 | 731580  | 33.583 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.86 | 146 | 747761  | 34.252 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.01 | 146 | 719489  | 35.394 | ng | 98     |
| 15) Benzyl Alcohol             | 6.99 | 79  | 582113  | 35.601 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.12 | 45  | 918025  | 31.298 | ng | 99     |
| 17) 2-Methylphenol             | 7.09 | 107 | 584340  | 37.121 | ng | 99     |
| 18) Hexachloroethane           | 7.36 | 117 | 267183  | 35.760 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70  | 483455  | 34.727 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 732840  | 38.471 | ng | # 84   |
| 22) Acetophenone               | 7.25 | 105 | 933959  | 33.006 | ng | # 93   |
| 24) Nitrobenzene               | 7.42 | 77  | 736225  | 43.737 | ng | 97     |
| 25) Isophorone                 | 7.66 | 82  | 1330574 | 35.227 | ng | 98     |
| 26) 2-Nitrophenol              | 7.74 | 139 | 353842  | 49.631 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 671783  | 42.883 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.87 | 93  | 858173  | 33.412 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.98 | 162 | 603861  | 39.040 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.07 | 180 | 634576  | 33.490 | ng | 98     |
| 31) Naphthalene                | 8.15 | 128 | 2010839 | 35.280 | ng | 100    |
| 32) Benzoic acid               | 7.90 | 122 | 419567  | 44.648 | ng | 97     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 691815  | 27.252 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.27 | 225 | 364248  | 32.325 | ng | 99     |
| 35) Caprolactam                | 8.56 | 113 | 121089  | 24.002 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 635864  | 38.990 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.84 | 142 | 1377531 | 36.479 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.94 | 142 | 1279832 | 35.892 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 621282  | 35.755 | ng | 99     |

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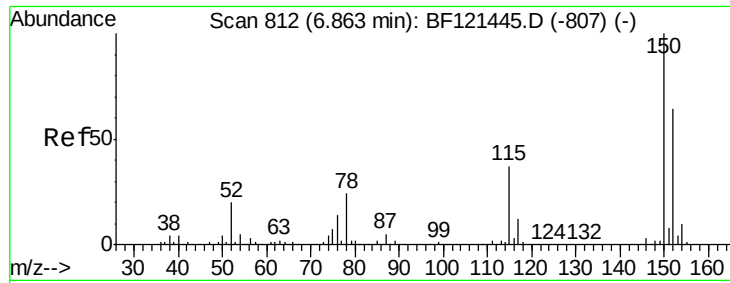
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

Quant Time: Sep 08 17:00:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 17:52:18 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.99  | 237  | 716058   | 97.995 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 443393   | 40.372 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.15  | 196  | 471985   | 43.460 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 9.30  | 154  | 1636180  | 36.990 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.33  | 162  | 1264491  | 34.779 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.42  | 65   | 398966   | 40.329 | ng    | 97       |
| 49) Acenaphthylene             | 9.75  | 152  | 2022672  | 37.089 | ng    | 99       |
| 50) Dimethylphthalate          | 9.60  | 163  | 1469868  | 36.505 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 334871   | 44.859 | ng    | 90       |
| 52) Acenaphthene               | 9.92  | 154  | 1396168  | 40.544 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 286082   | 31.827 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 9.94  | 184  | 316917   | 85.398 | ng    | 97       |
| 55) Dibenzofuran               | 10.09 | 168  | 1840716  | 36.798 | ng    | 100      |
| 56) 4-Nitrophenol              | 9.99  | 139  | 601308   | 77.605 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 10.06 | 165  | 447277   | 48.124 | ng    | 93       |
| 58) Fluorene                   | 10.43 | 166  | 1431259  | 37.956 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 403178   | 44.590 | ng    | 99       |
| 60) Diethylphthalate           | 10.30 | 149  | 1480747  | 36.604 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.42 | 204  | 688394   | 36.436 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 371424   | 38.718 | ng    | 97       |
| 63) Azobenzene                 | 10.58 | 77   | 1447573  | 36.185 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 214941   | 58.130 | ng    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.54 | 169  | 1317507  | 37.058 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.91 | 248  | 439804   | 35.565 | ng    | 97       |
| 68) Hexachlorobenzene          | 10.97 | 284  | 517512   | 35.788 | ng    | 98       |
| 69) Atrazine                   | 11.06 | 200  | 313937   | 30.447 | ng    | 98       |
| 70) Pentachlorophenol          | 11.17 | 266  | 598830   | 90.644 | ng    | 100      |
| 71) Phenanthrene               | 11.39 | 178  | 2082445  | 36.099 | ng    | 99       |
| 72) Anthracene                 | 11.44 | 178  | 2180464  | 38.431 | ng    | 100      |
| 73) Carbazole                  | 11.59 | 167  | 2064764  | 37.739 | ng    | 100      |
| 74) Di-n-butylphthalate        | 11.93 | 149  | 2215419  | 36.450 | ng    | 100      |
| 75) Fluoranthene               | 12.57 | 202  | 2358454  | 37.935 | ng    | 98       |
| 77) Benzidine                  | 12.70 | 184  | 1250081  | 60.633 | ng    | 99       |
| 78) Pyrene                     | 12.80 | 202  | 2422987  | 35.889 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.42 | 149  | 996898   | 38.328 | ng    | 95       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 2070425  | 35.878 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 668592   | 31.631 | ng    | 99       |
| 83) Chrysene                   | 14.03 | 228  | 2077137  | 35.977 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.98 | 149  | 1268408  | 37.758 | ng    | # 98     |
| 85) Di-n-octyl phthalate       | 14.60 | 149  | 2283998  | 40.119 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 16.91 | 276  | 2146177  | 36.787 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.04 | 252  | 2259067  | 36.626 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.07 | 252  | 2071545  | 36.109 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.40 | 252  | 1971213  | 35.541 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.93 | 278  | 1760108  | 36.856 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.35 | 276  | 1750485  | 38.051 | ng    | 99       |

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



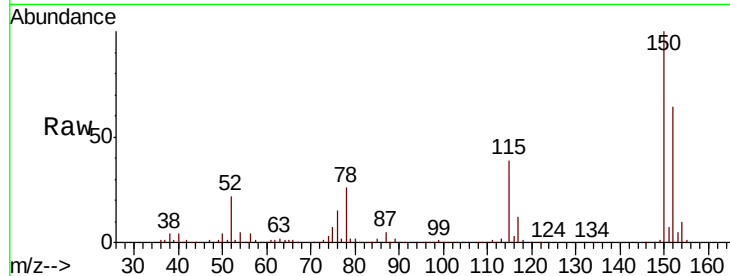


#1

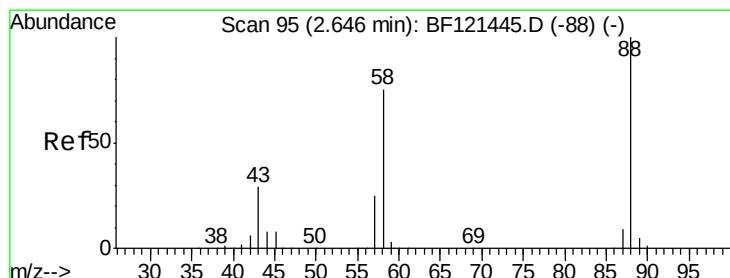
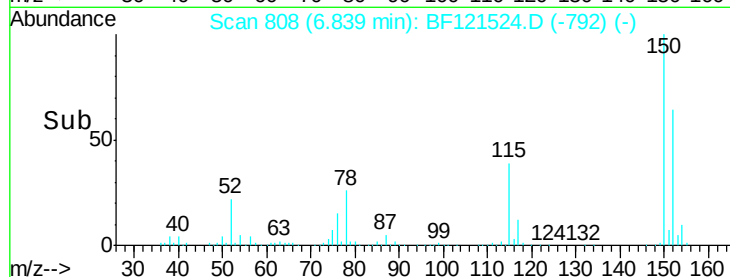
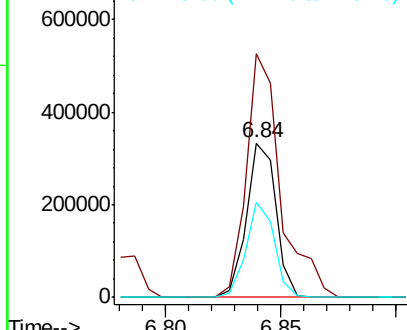
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.84 min Scan# 808  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Instrument :  
BNA\_F  
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PB131478BS

Tot Ion:152 Resp: 299080  
Ion Ratio Lower Upper  
152 100  
150 157.5 126.1 189.1  
115 61.2 48.4 72.6



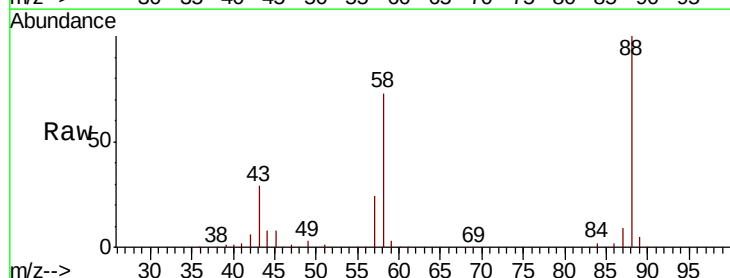
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



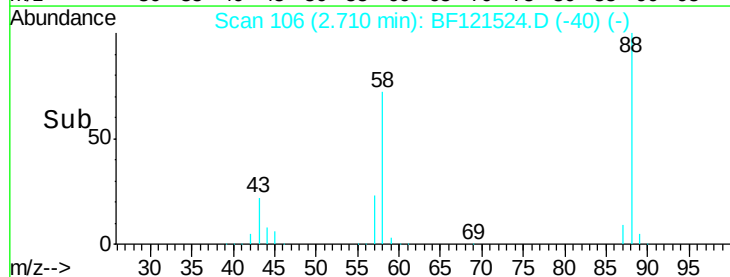
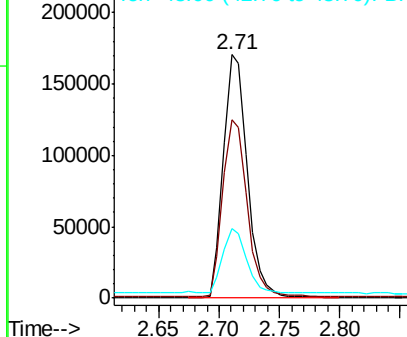
#2

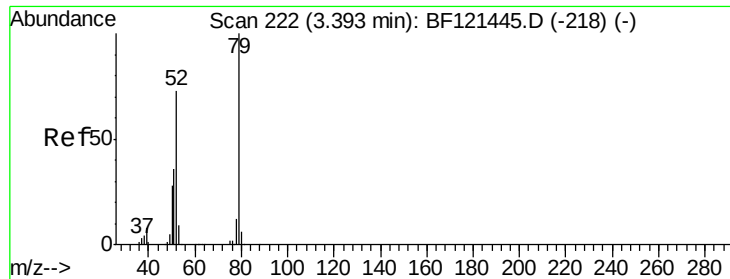
1,4-Dioxane  
Concen: 27.558 ng  
RT: 2.71 min Scan# 106  
Delta R.T. 0.09 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion: 88 Resp: 234284  
Ion Ratio Lower Upper  
88 100  
58 73.4 59.6 89.4  
43 26.3 21.9 32.9



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: 30.212 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.08 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

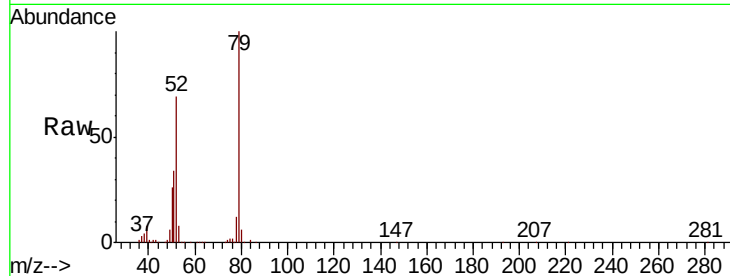
Tot Ion: 79 Resp: 699432

Ion Ratio Lower Upper

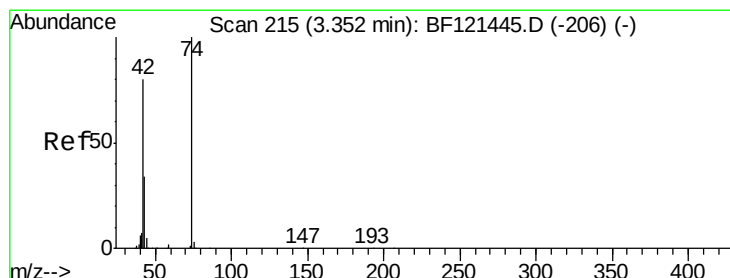
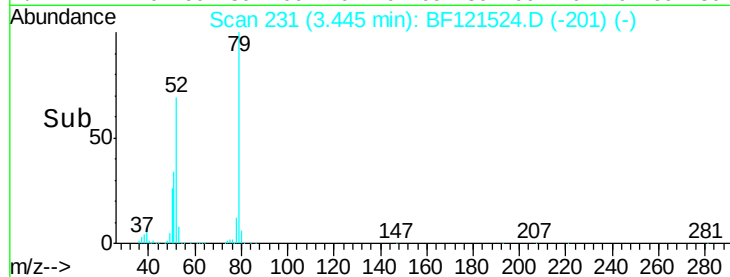
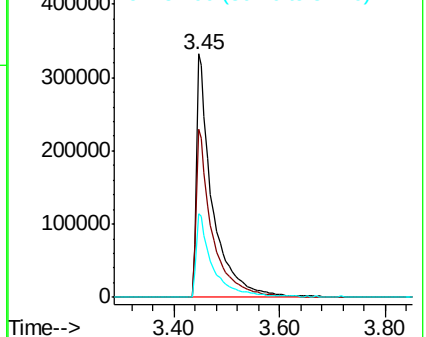
79 100

52 68.9 56.5 84.7

51 34.1 27.6 41.4



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: 32.455 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.07 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

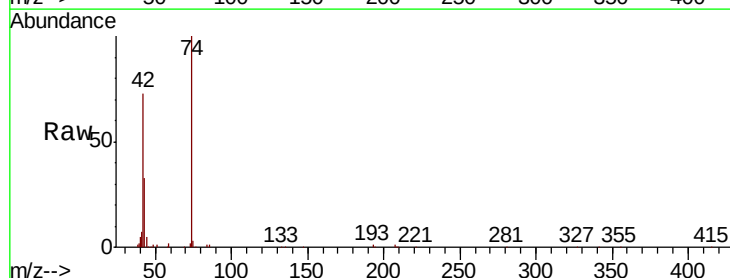
Tgt Ion: 42 Resp: 332122

Ion Ratio Lower Upper

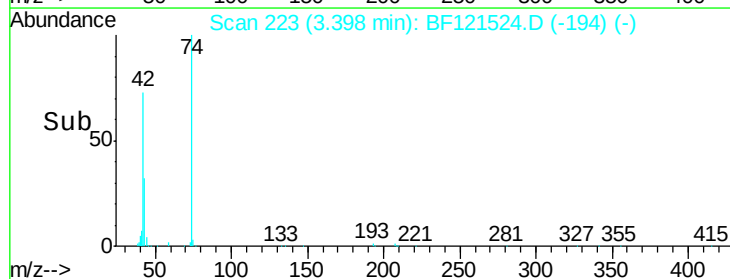
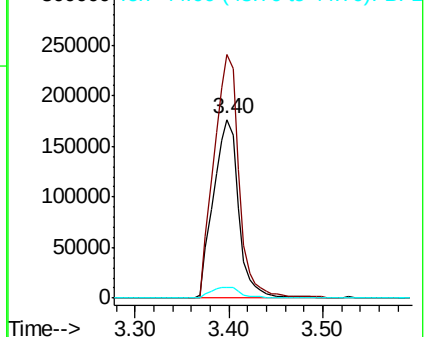
42 100

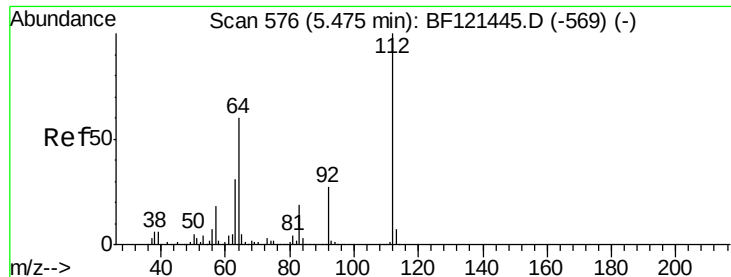
74 136.4 110.3 165.5

44 6.2 5.4 8.2



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: 91.277 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

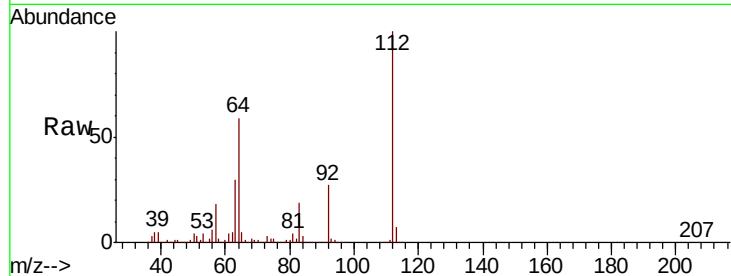
Tot Ion:112 Resp: 1627140

Ion Ratio Lower Upper

112 100

64 58.8 46.0 69.0

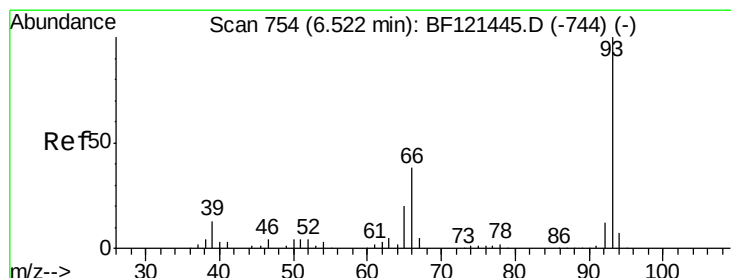
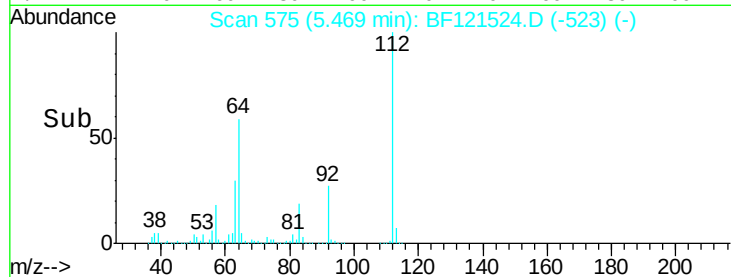
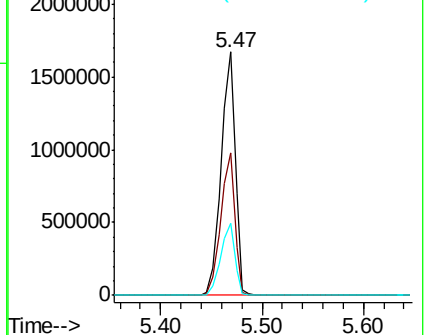
63 29.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.399 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

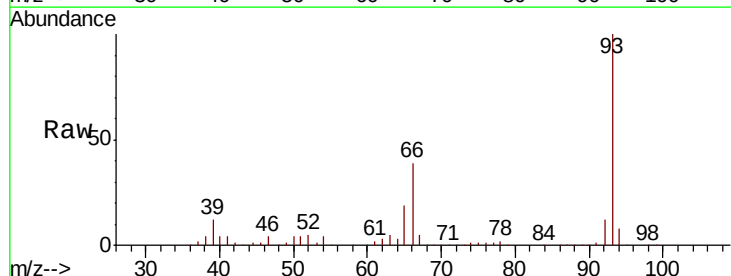
Tgt Ion: 93 Resp: 928080

Ion Ratio Lower Upper

93 100

66 38.6 31.5 47.3

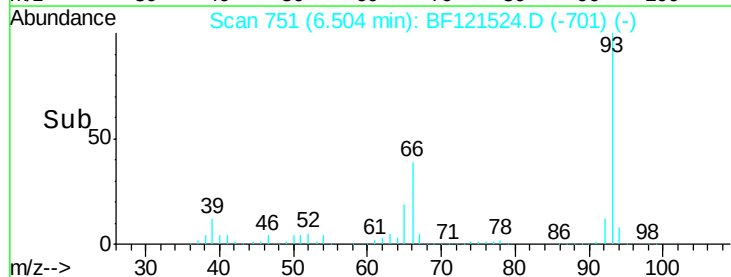
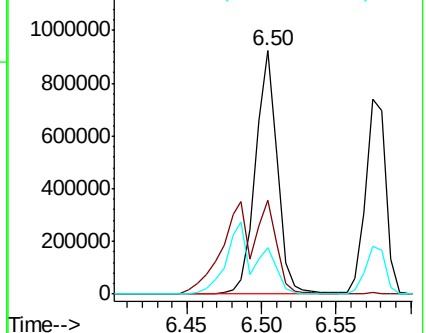
65 19.3 15.8 23.8

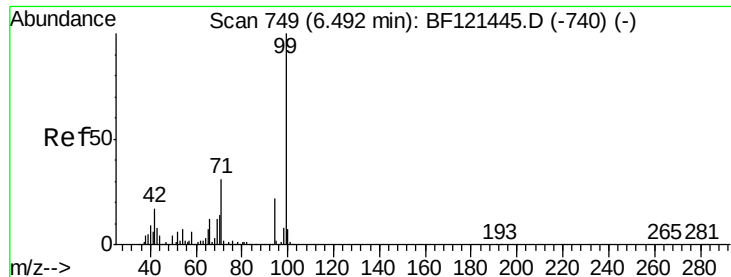


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.455 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

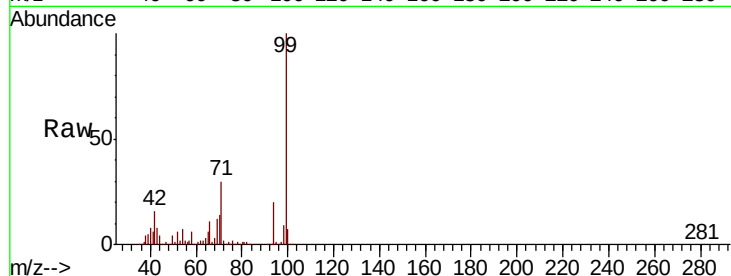
BNA\_F

ClientSampleId :

PB131478BS

Tot Ion: 99 Resp: 2153741

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 13.0  | 19.4  |
| 71  | 30.2  | 24.8  | 37.2  |

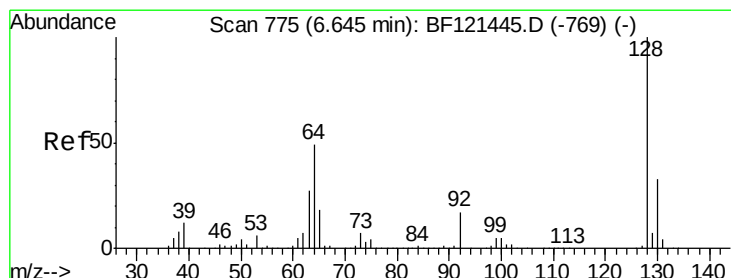
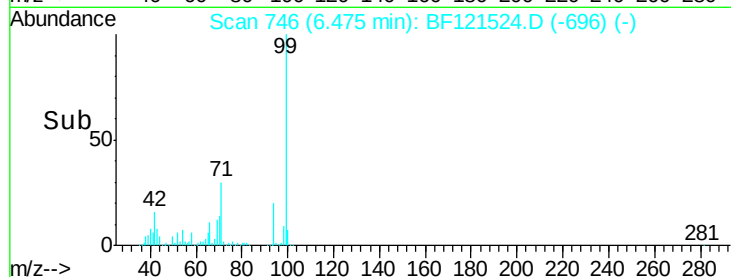
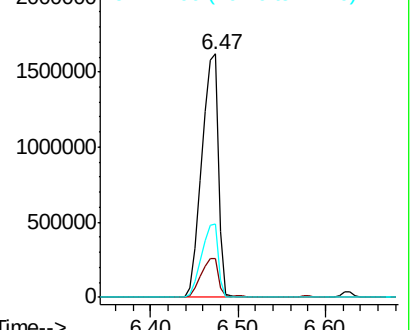


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.951 ng

RT: 6.63 min Scan# 772

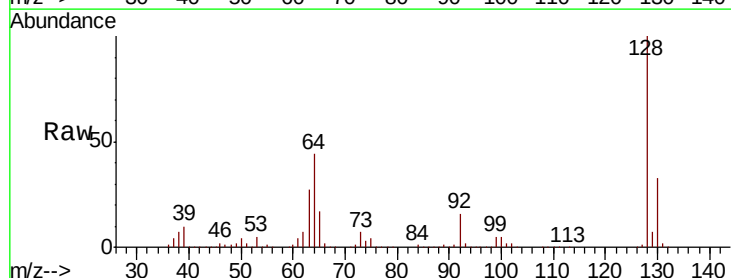
Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion: 128 Resp: 722804

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.4  | 12.9  | 52.9  |
| 64  | 43.6  | 26.4  | 66.4  |

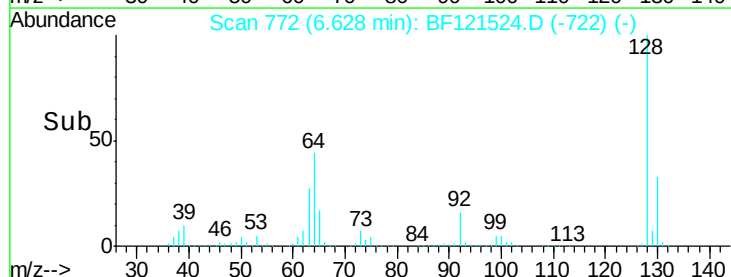
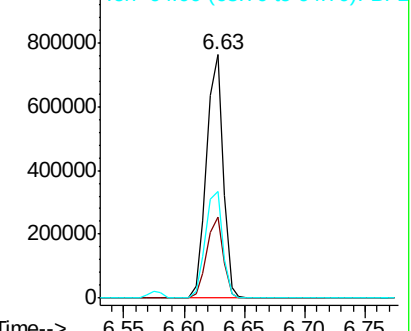


Abundance

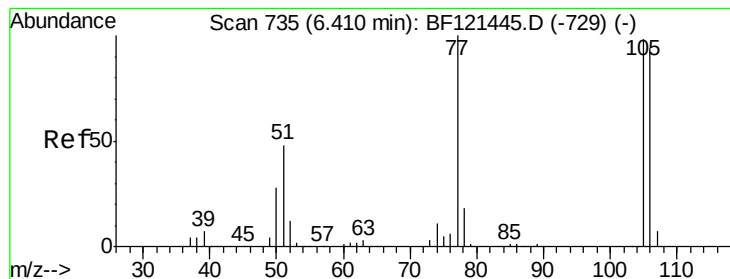
Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 30.757 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

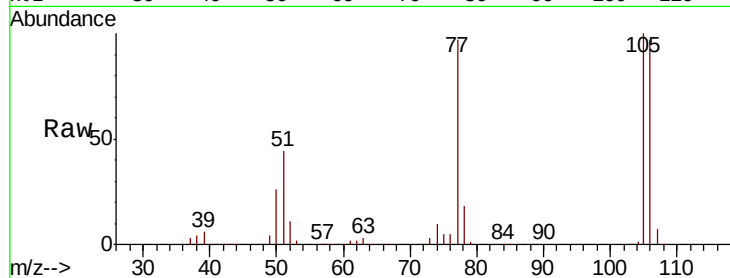
Tot Ion: 77 Resp: 413824

Ion Ratio Lower Upper

77 100

105 102.9 82.1 122.1

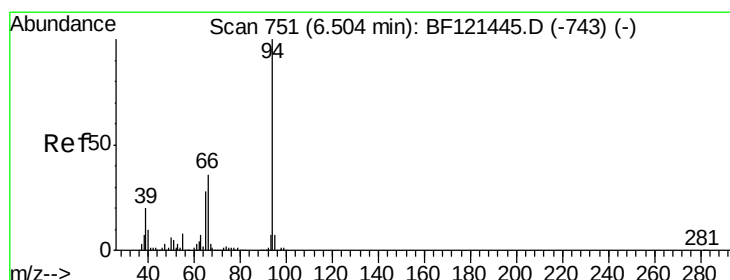
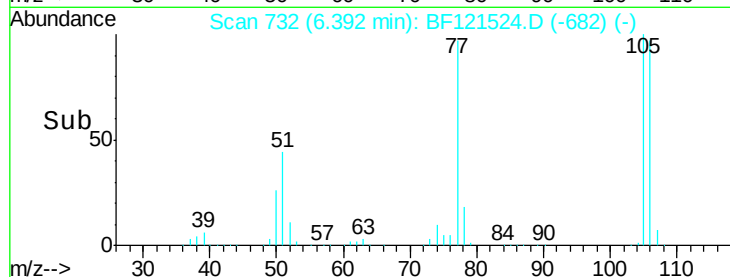
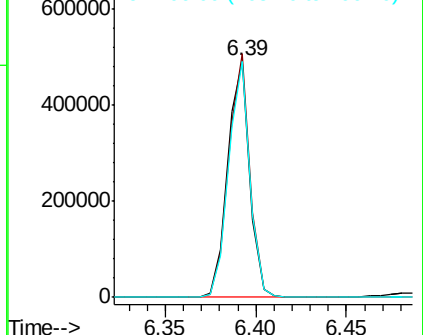
106 99.6 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.927 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

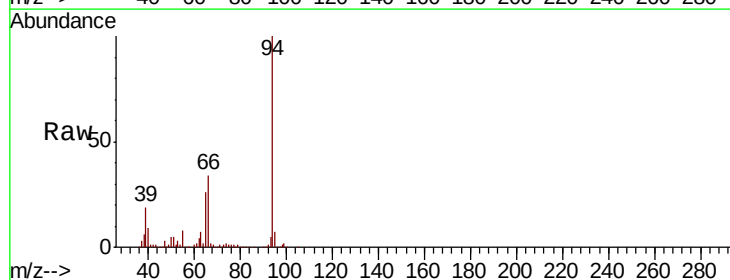
Tgt Ion: 94 Resp: 948630

Ion Ratio Lower Upper

94 100

65 26.3 8.8 48.8

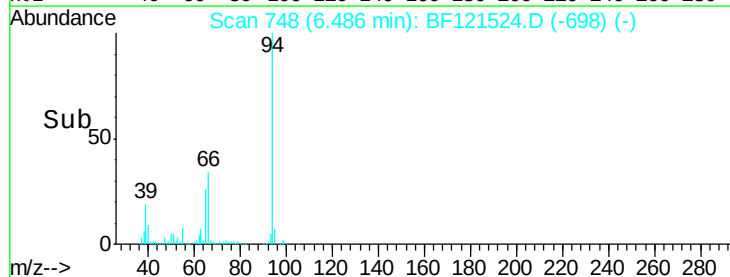
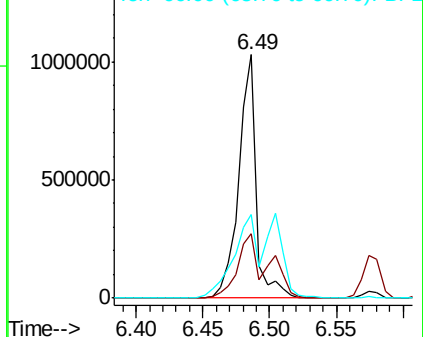
66 34.2 18.4 58.4



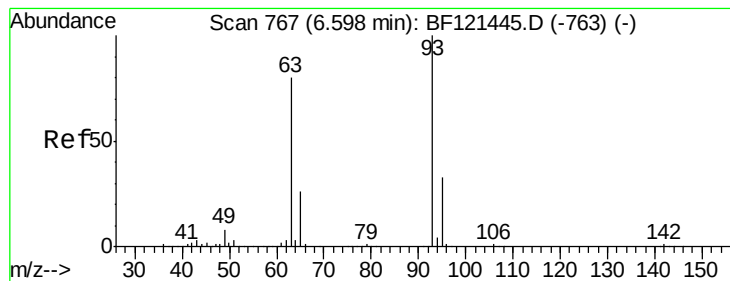
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



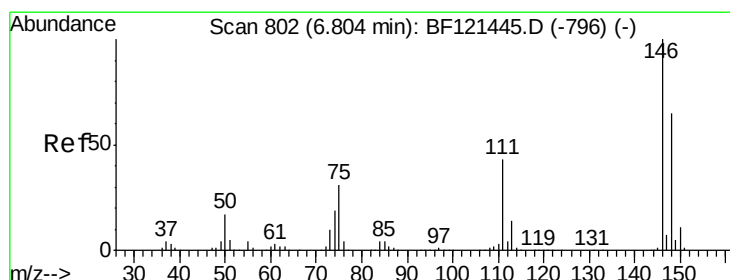
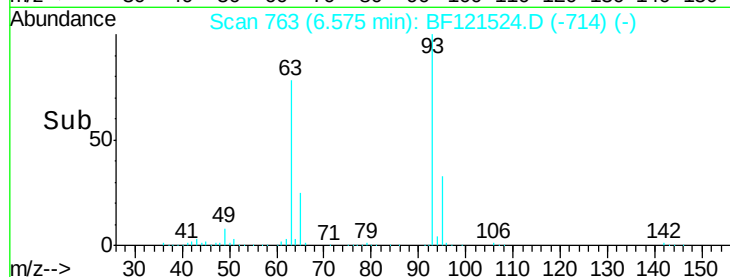
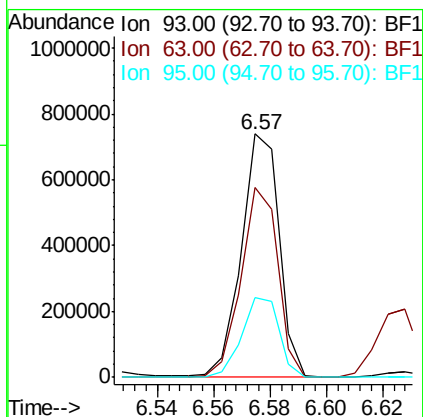
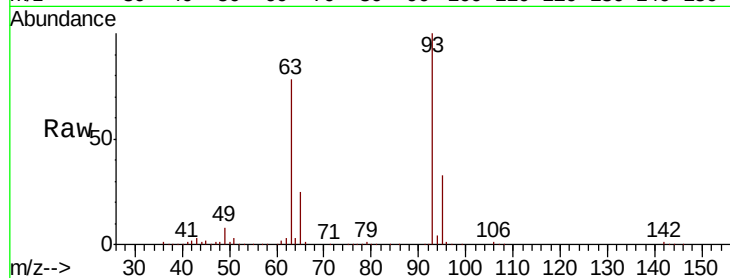




#11  
bis(2-Chloroethyl)ether  
Concen: 34.574 ng  
RT: 6.57 min Scan# 763  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

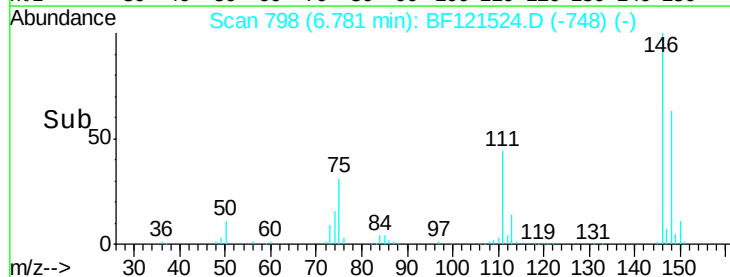
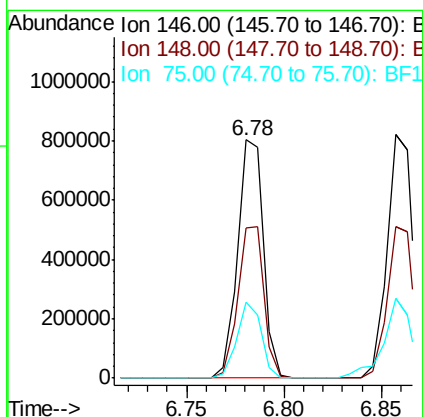
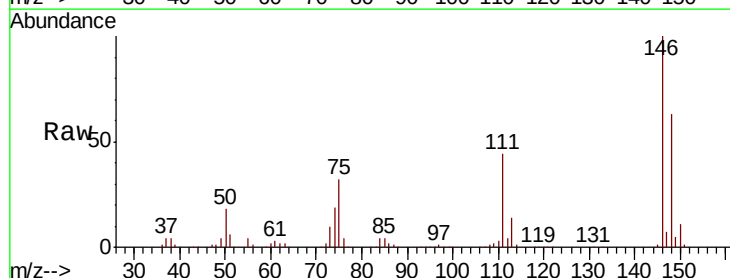
Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

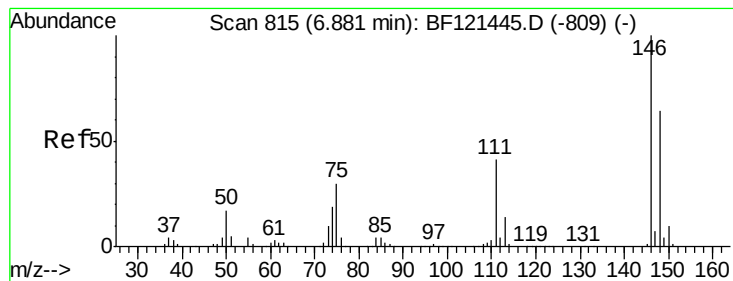
Tot Ion: 93 Resp: 684551  
Ion Ratio Lower Upper  
93 100  
63 78.0 56.4 96.4  
95 32.6 13.3 53.3



#12  
1,3-Dichlorobenzene  
Concen: 33.583 ng  
RT: 6.78 min Scan# 798  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion: 146 Resp: 731580  
Ion Ratio Lower Upper  
146 100  
148 63.1 51.7 77.5  
75 32.0 25.5 38.3





#13

1,4-Dichlorobenzene

Concen: 34.252 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

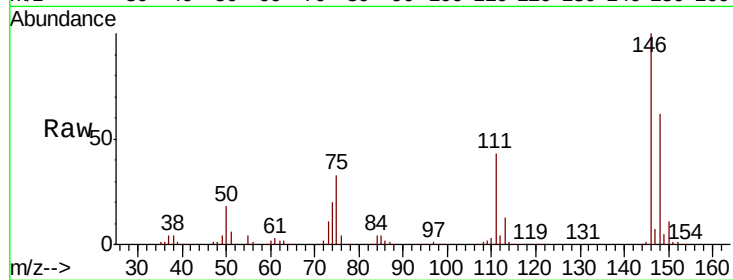
Tot Ion:146 Resp: 747761

Ion Ratio Lower Upper

146 100

148 62.2 51.0 76.4

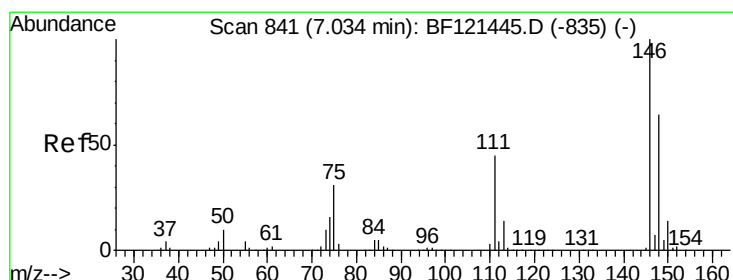
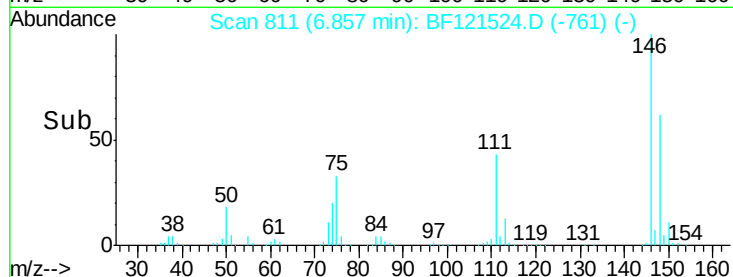
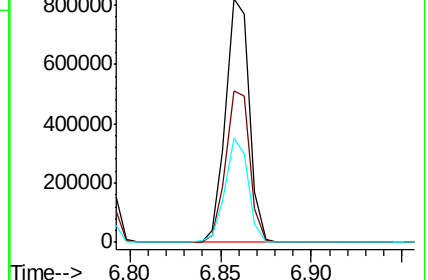
111 42.6 33.9 50.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.394 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

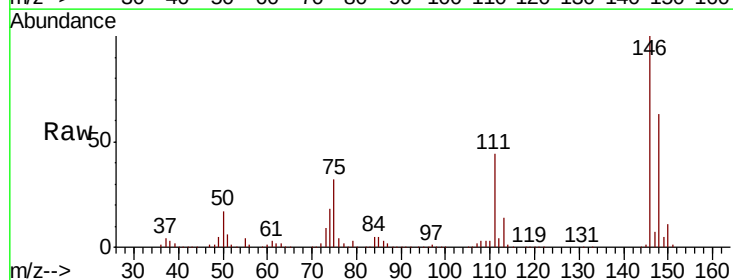
Tgt Ion:146 Resp: 719489

Ion Ratio Lower Upper

146 100

148 63.0 51.9 77.9

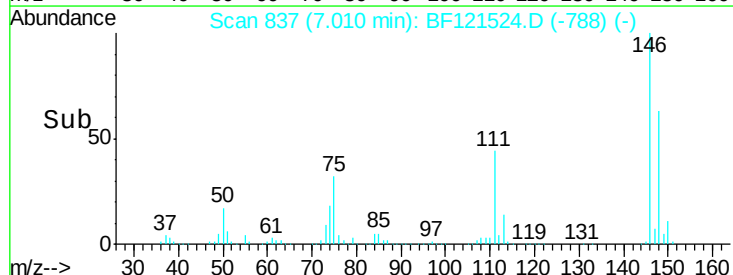
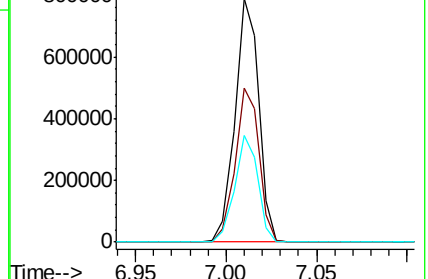
111 43.9 33.9 50.9

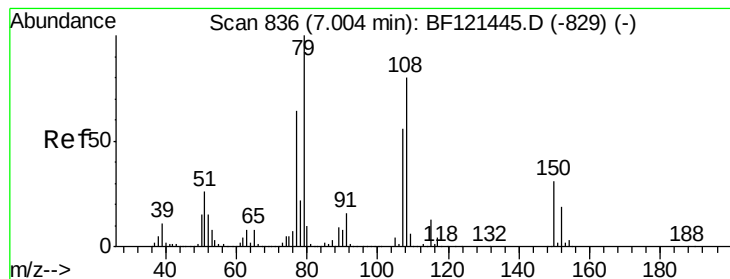


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.601 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

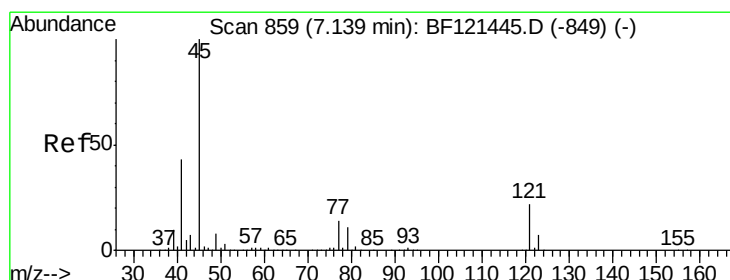
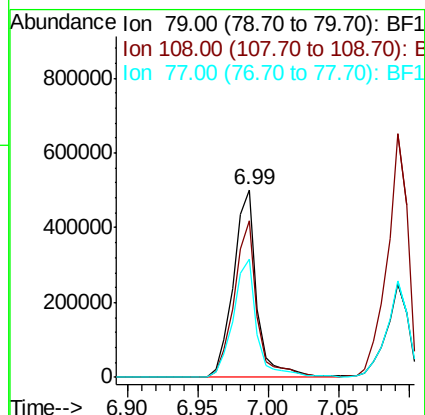
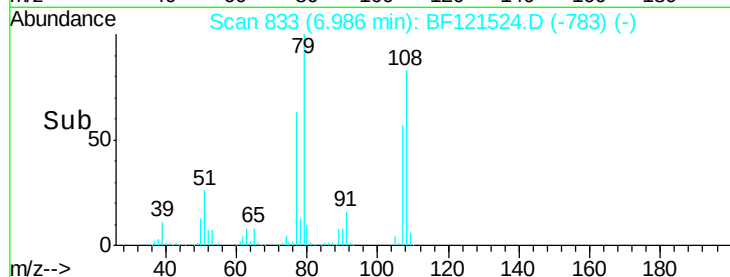
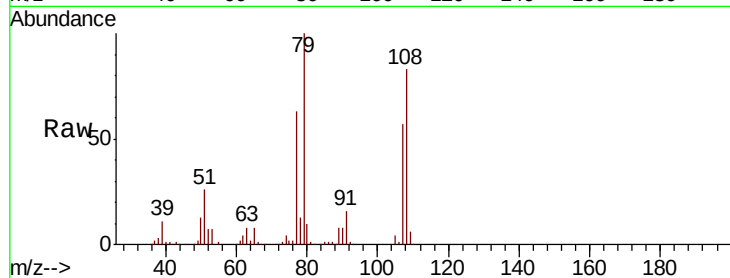
Tot Ion: 79 Resp: 582113

Ion Ratio Lower Upper

79 100

108 83.4 66.9 100.3

77 63.4 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.298 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

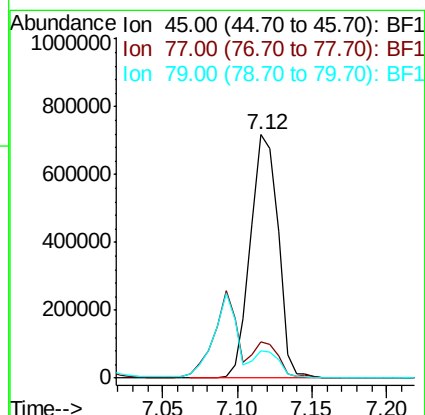
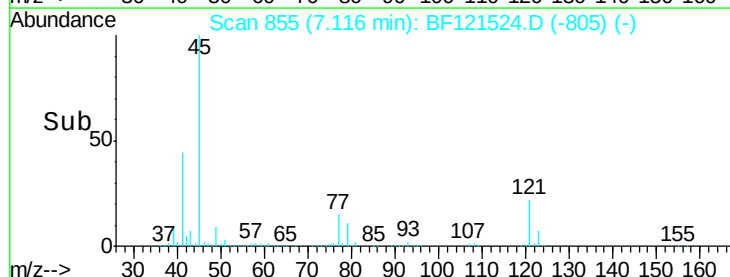
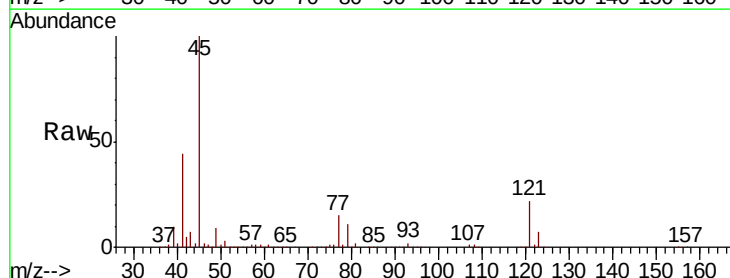
Tgt Ion: 45 Resp: 918025

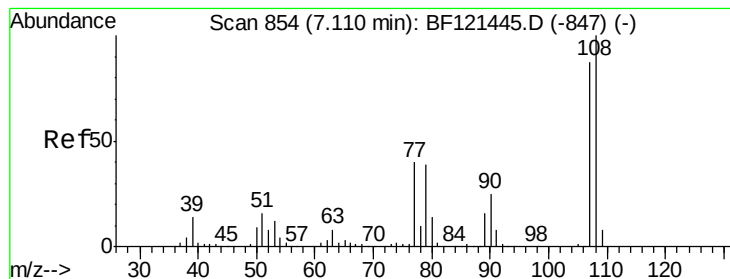
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.7

79 11.4 0.0 31.2

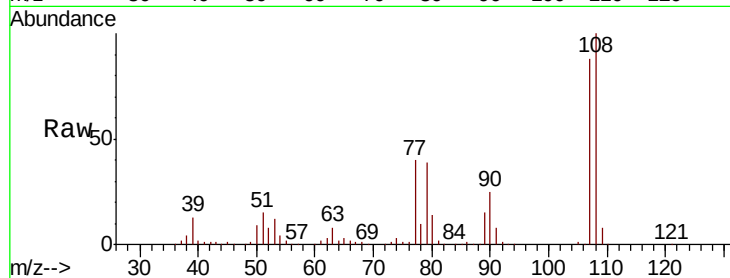




#17  
2-Methylphenol  
Concen: 37.121 ng  
RT: 7.09 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.2 | 91.6  | 137.4 |
| 77      | 44.7  | 35.4  | 53.0  |
| 79      | 43.6  | 34.7  | 52.1  |



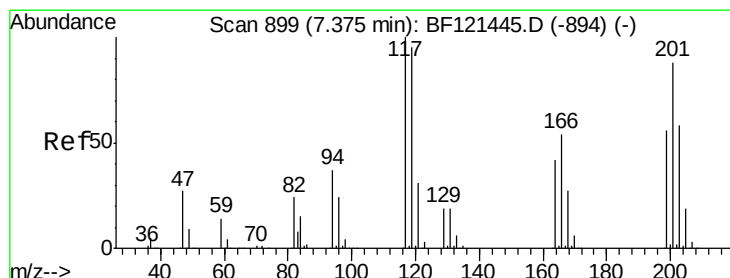
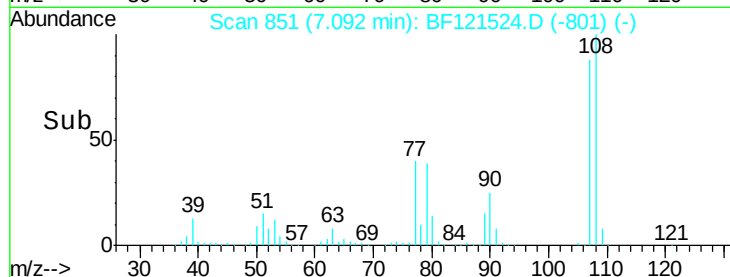
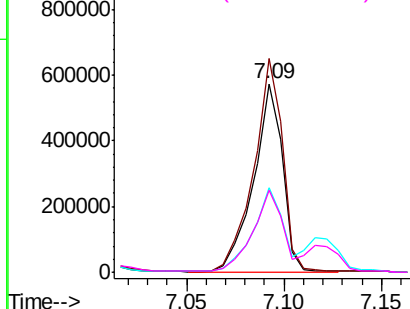
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

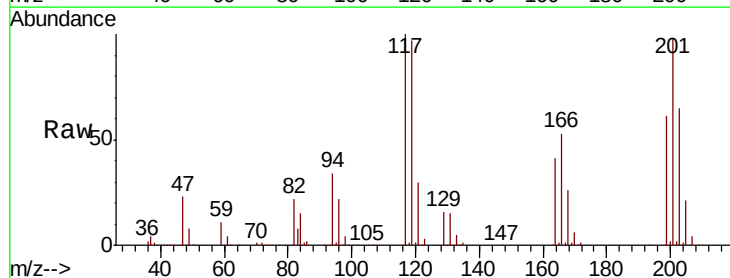
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 35.760 ng  
RT: 7.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.7  | 77.0  | 115.4 |
| 201     | 97.6  | 82.5  | 123.7 |

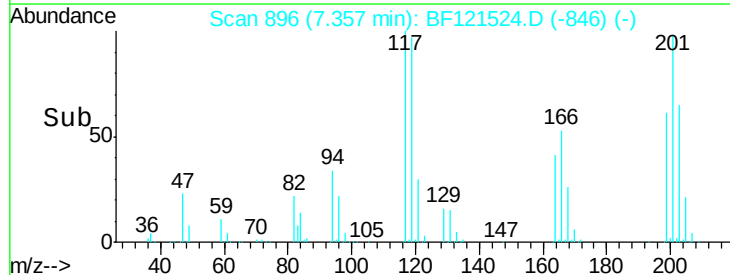
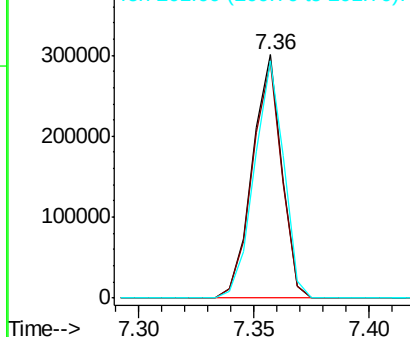


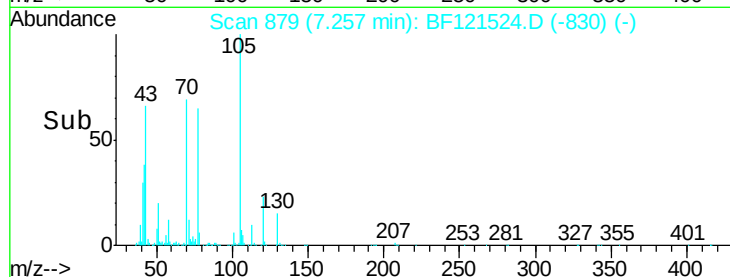
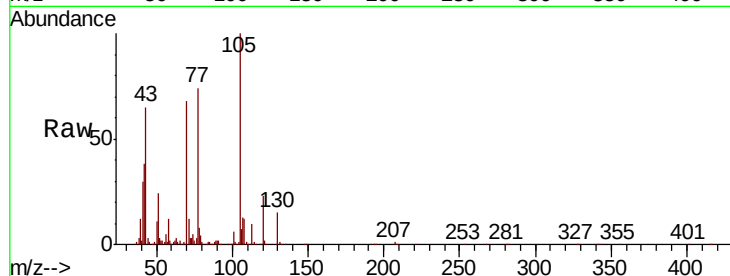
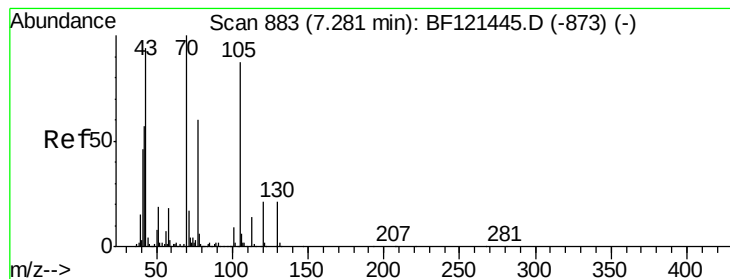
Abundance

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: 34.727 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

Tot Ion: 70 Resp: 483455

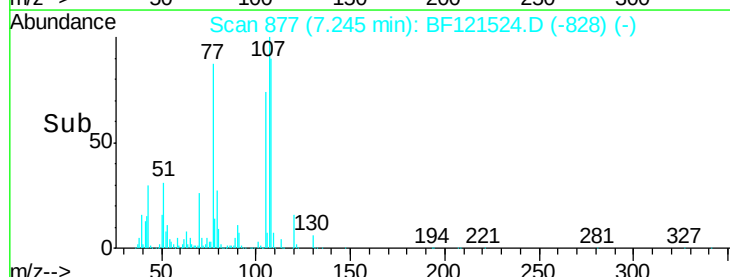
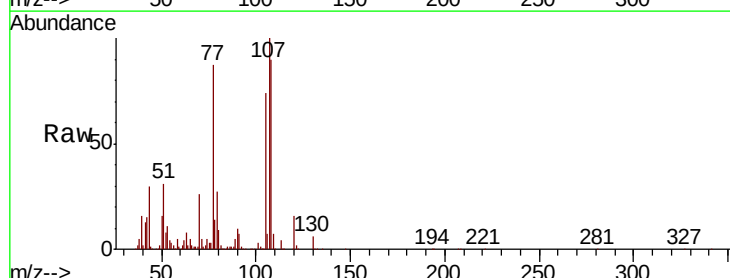
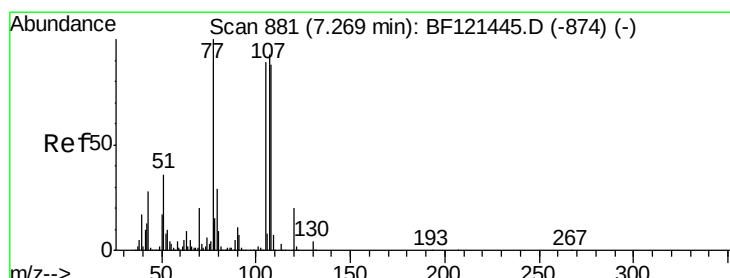
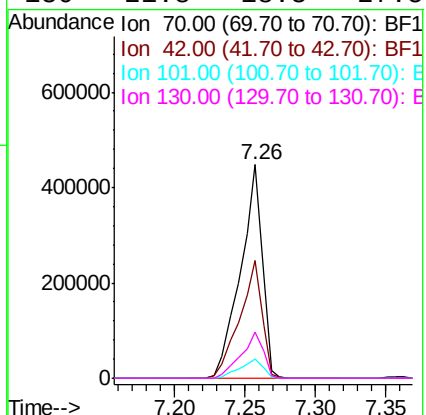
Ion Ratio Lower Upper

70 100

42 55.4 42.0 63.0

101 9.1 8.1 12.1

130 21.8 18.3 27.5



#20

3+4-Methylphenols

Concen: 38.471 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion: 107 Resp: 732840

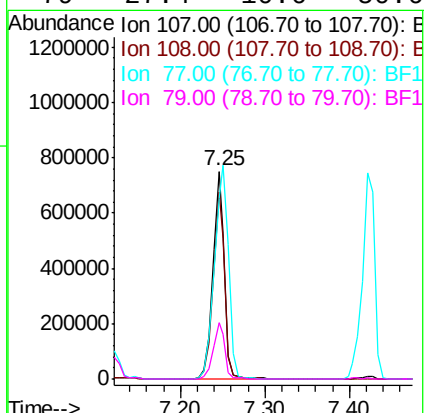
Ion Ratio Lower Upper

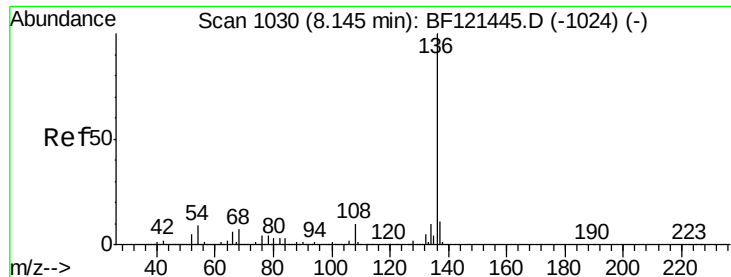
107 100

108 90.0 74.0 114.0

77 86.8 96.7 136.7#

79 27.4 10.6 50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

Tot Ion:136 Resp: 1148057

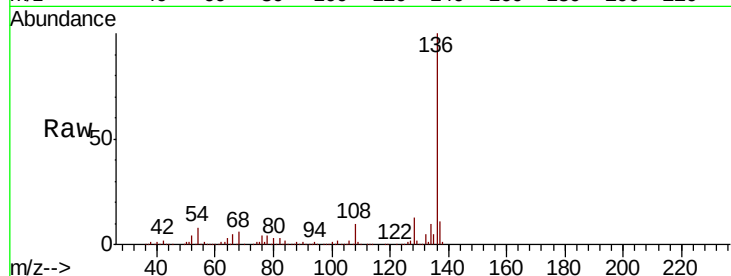
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.6 6.2 9.4

68 5.9 5.1 7.7

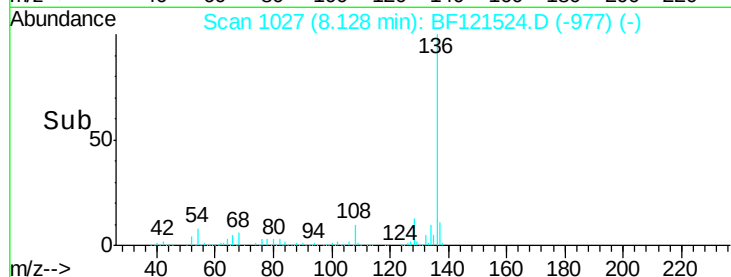


Abundance Ion 136.00 (135.70 to 136.70): E

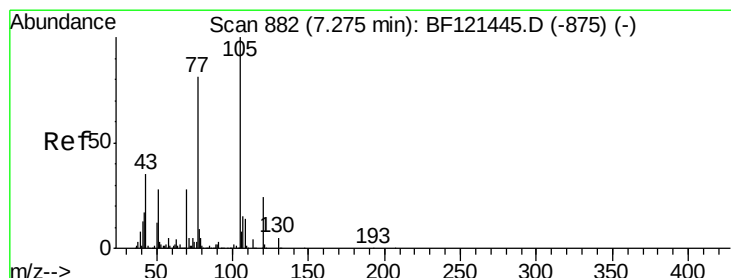
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 33.006 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:105 Resp: 933959

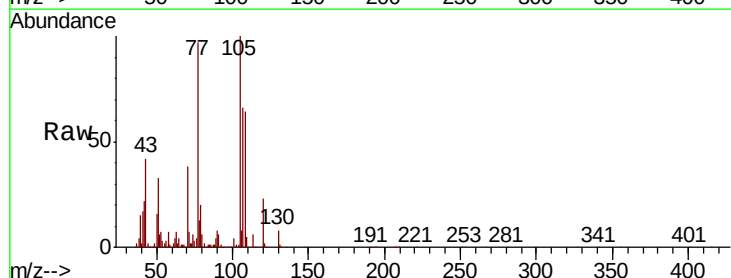
Ion Ratio Lower Upper

105 100

71 6.5 6.0 9.0

51 32.8 20.7 31.1#

120 23.0 18.9 28.3

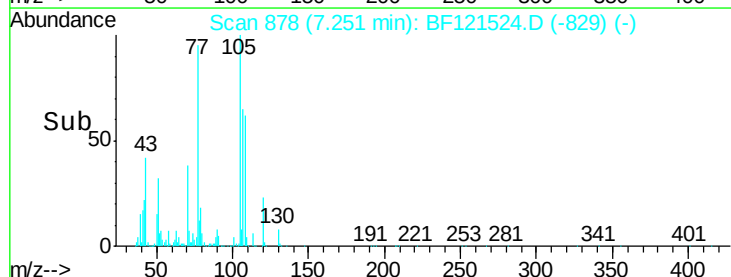


Abundance Ion 105.00 (104.70 to 105.70): E

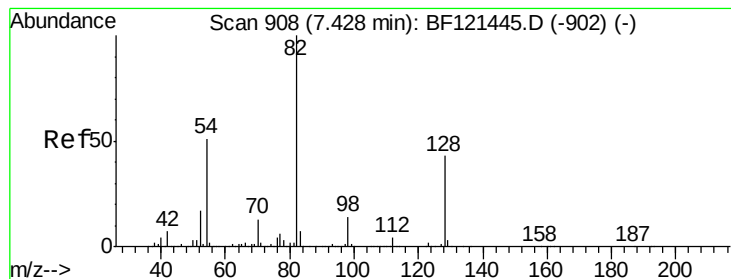
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 80.574 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

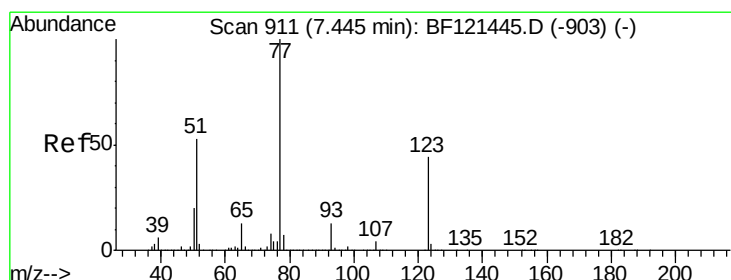
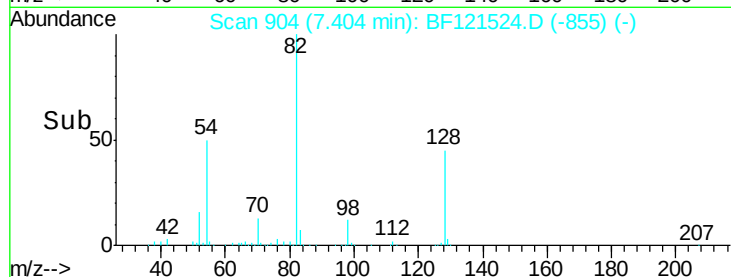
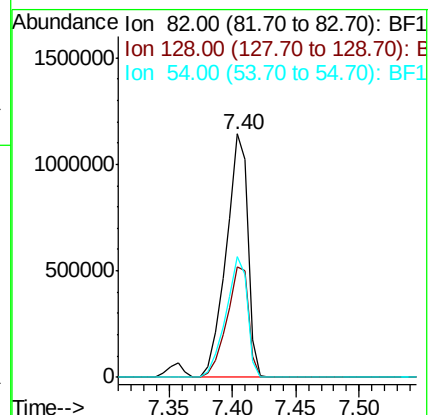
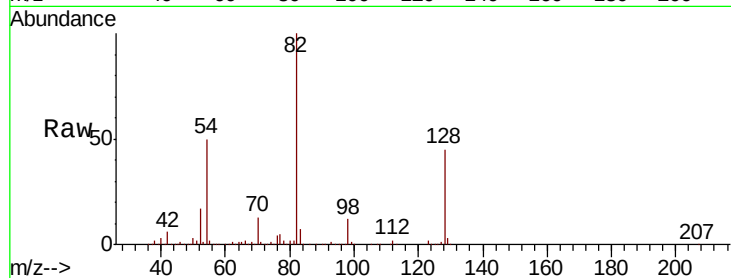
Tot Ion: 82 Resp: 1353072

Ion Ratio Lower Upper

82 100

128 45.2 37.3 55.9

54 49.6 39.0 58.6



#24

Nitrobenzene

Concen: 43.737 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

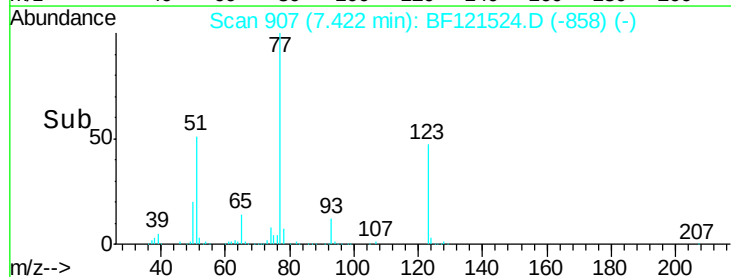
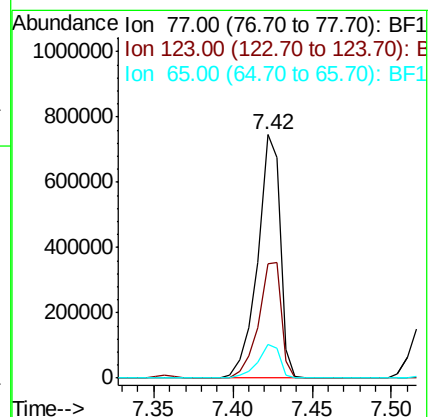
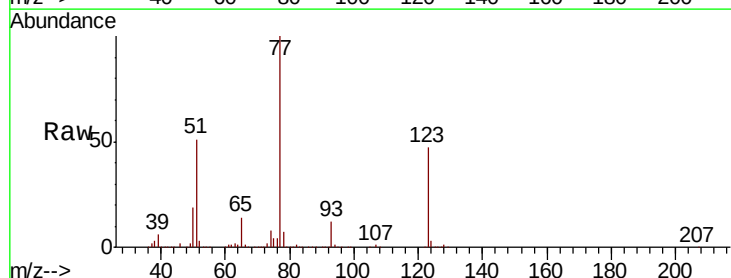
Tgt Ion: 77 Resp: 736225

Ion Ratio Lower Upper

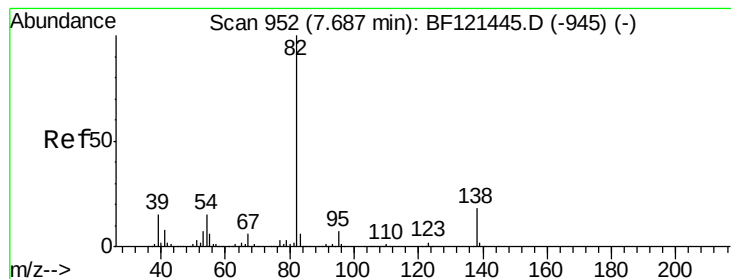
77 100

123 46.9 39.7 59.5

65 13.7 11.0 16.4







#25

Isophorone

Concen: 35.227 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampled :

PB131478BS

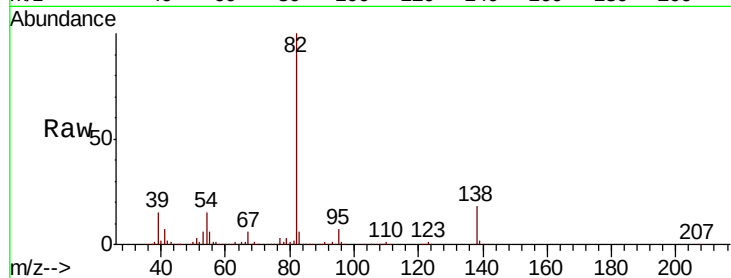
Tot Ion: 82 Resp: 1330574

Ion Ratio Lower Upper

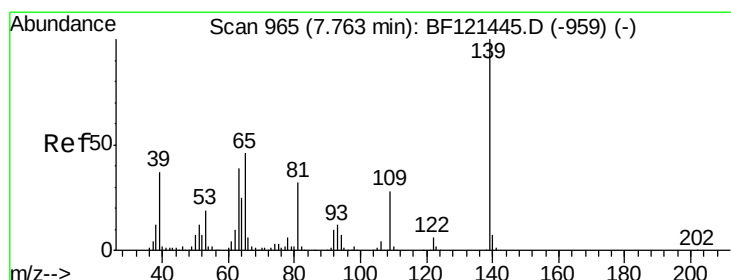
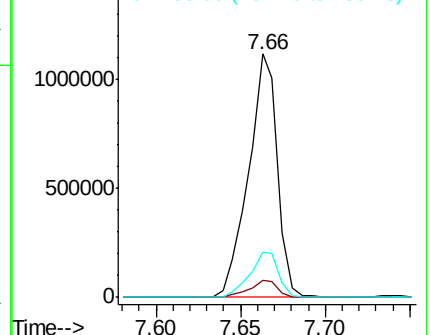
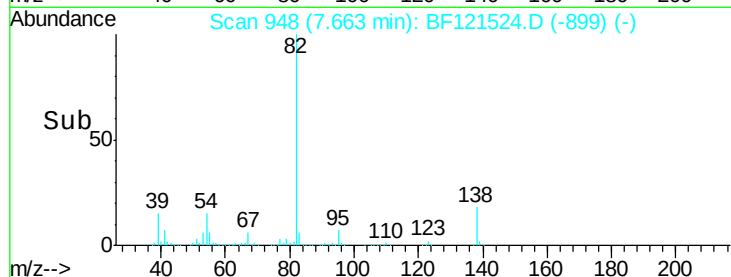
82 100

95 7.1 5.7 8.5

138 18.4 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.631 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

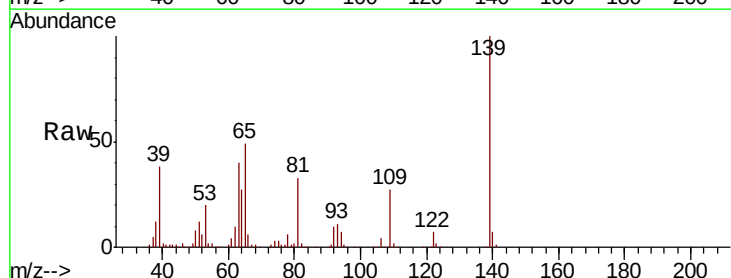
Tgt Ion: 139 Resp: 353842

Ion Ratio Lower Upper

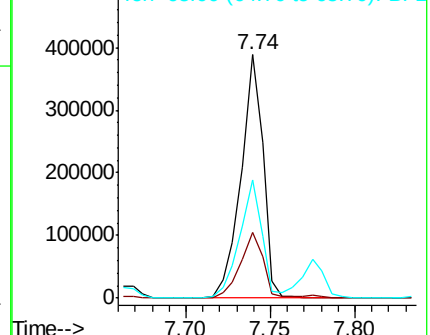
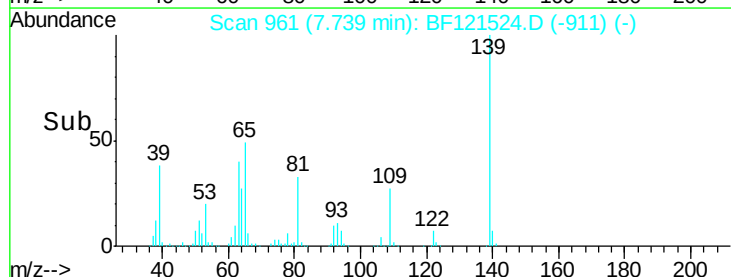
139 100

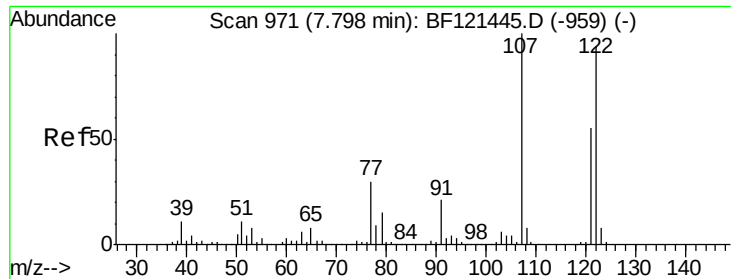
109 27.2 22.0 33.0

65 48.6 39.3 58.9



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





#27

2,4-Dimethylphenol

Concen: 42.883 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

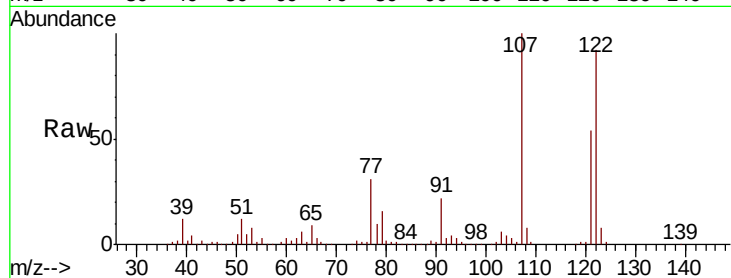
Tot Ion:122 Resp: 671783

Ion Ratio Lower Upper

122 100

107 109.0 87.7 131.5

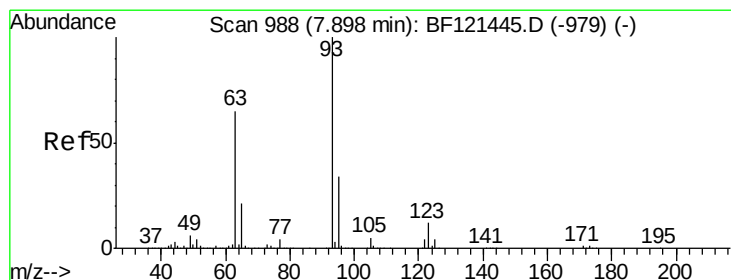
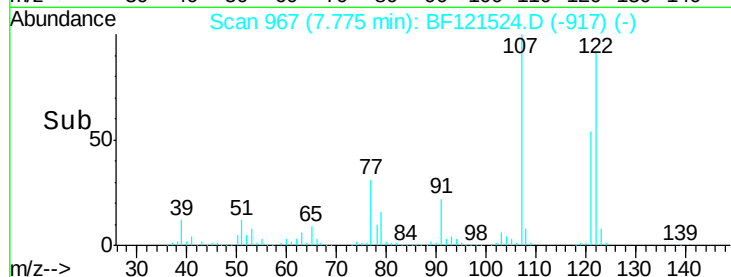
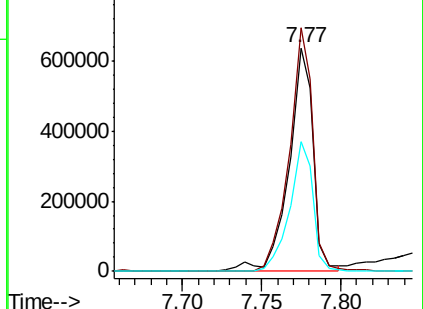
121 58.3 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.412 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

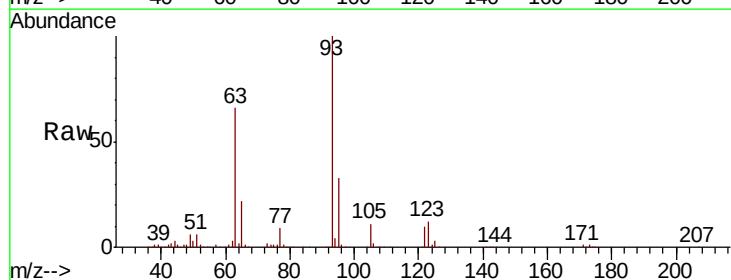
Tgt Ion: 93 Resp: 858173

Ion Ratio Lower Upper

93 100

95 33.3 27.4 41.0

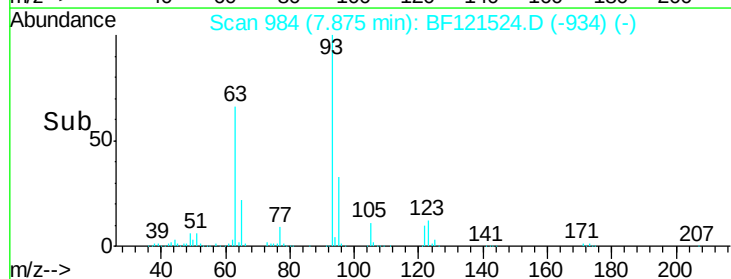
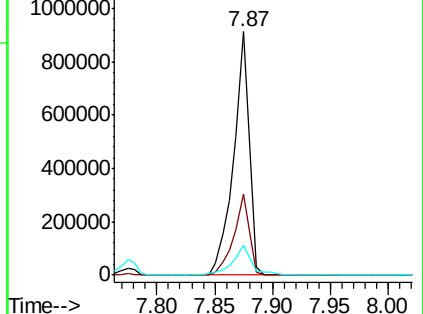
123 12.0 9.6 14.4

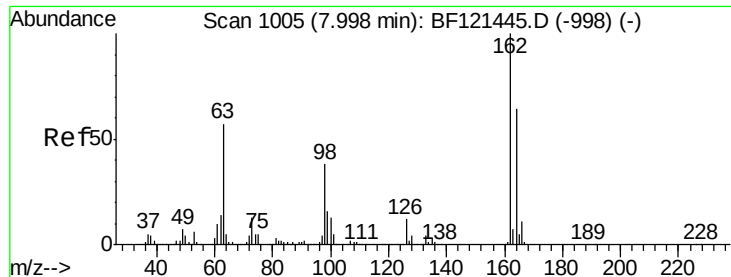


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

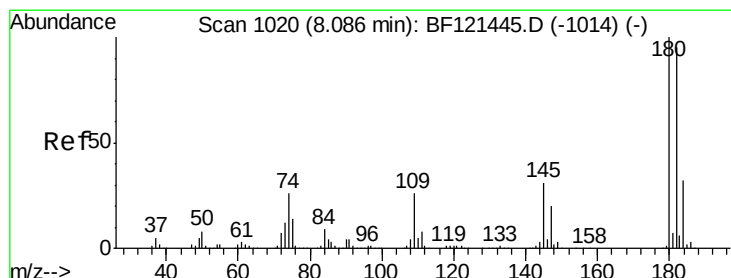
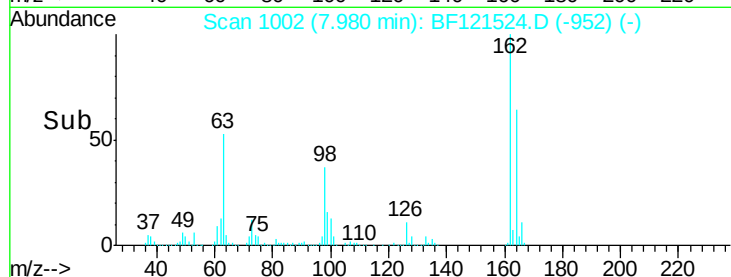
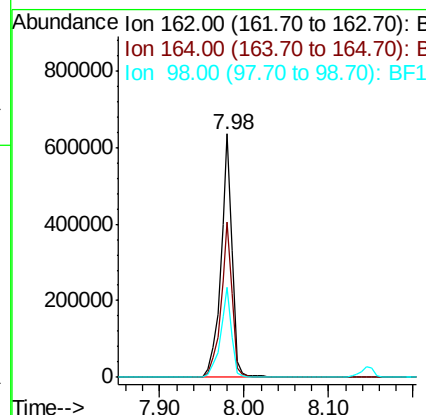
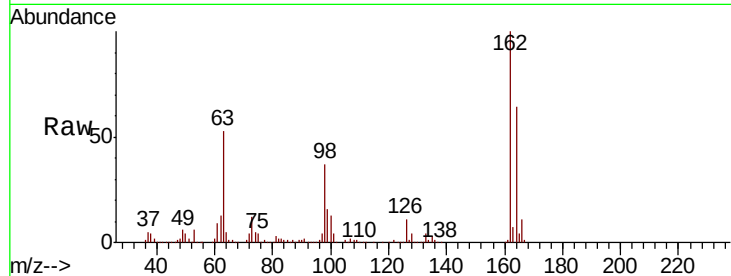




#29  
 2,4-Dichlorophenol  
 Concen: 39.040 ng  
 RT: 7.98 min Scan# 1002  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

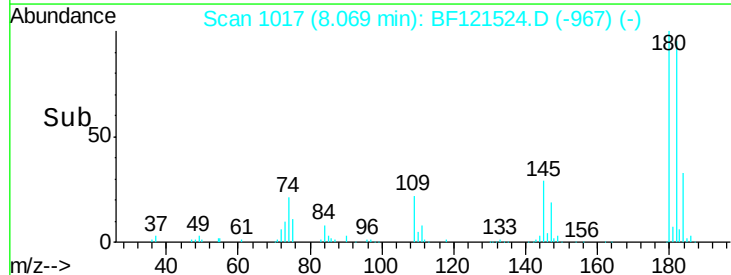
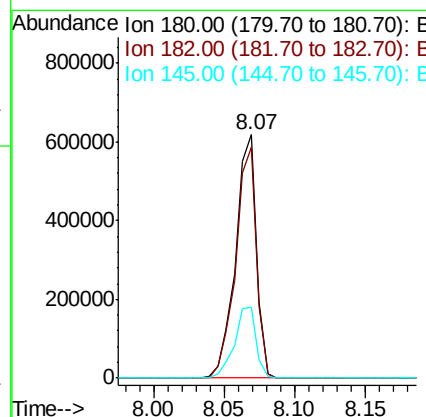
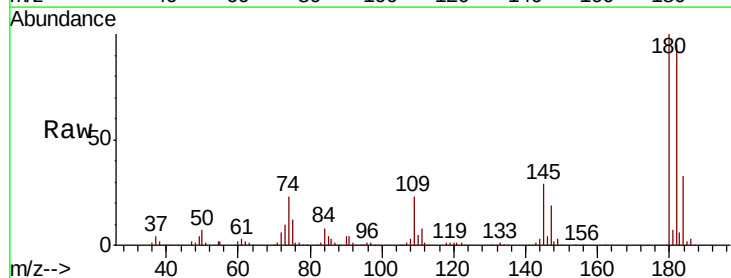
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

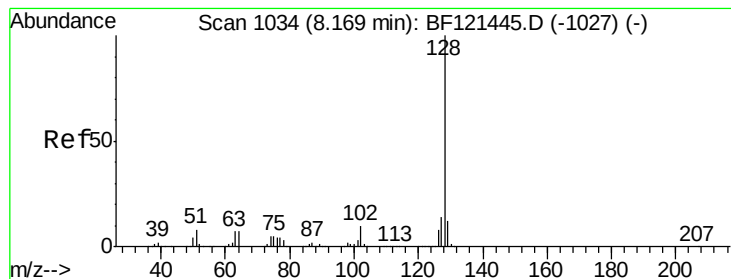
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 44.1  | 84.1  |
| 98      | 37.0  | 18.4  | 58.4  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.490 ng  
 RT: 8.07 min Scan# 1017  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 77.5  | 116.3 |
| 145     | 29.2  | 24.3  | 36.5  |





#31

Naphthalene

Concen: 35.280 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

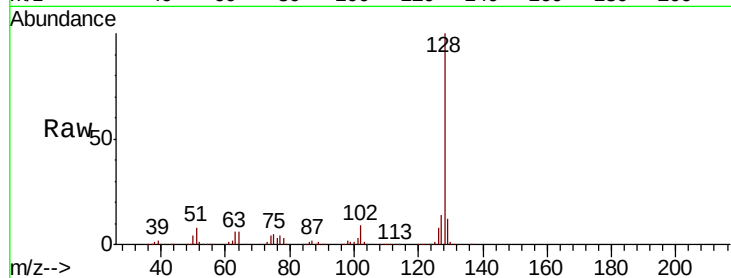
Tot Ion:128 Resp: 2010839

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

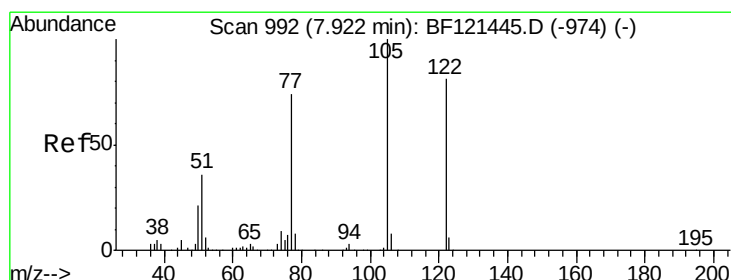
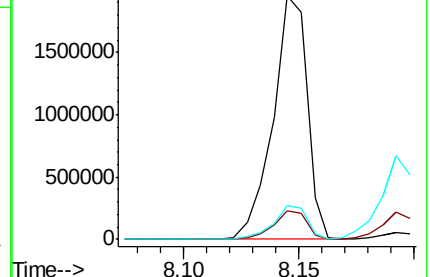
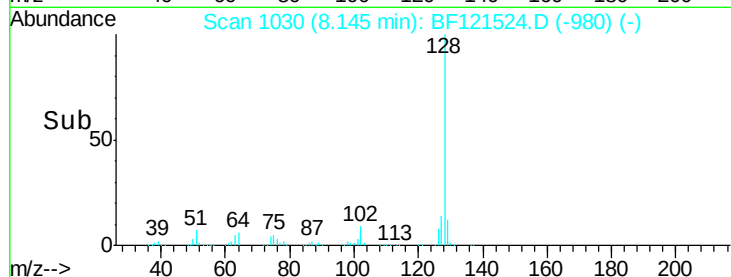
127 13.7 11.1 16.7



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: 44.648 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

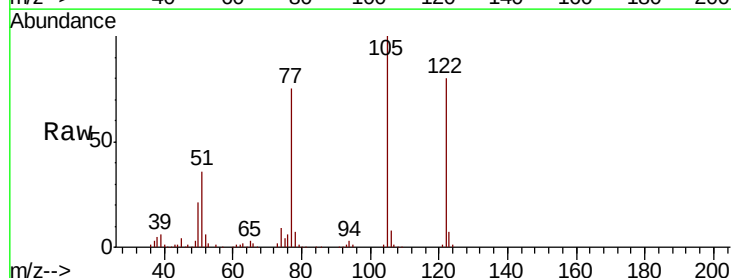
Tgt Ion:122 Resp: 419567

Ion Ratio Lower Upper

122 100

105 124.5 102.2 142.2

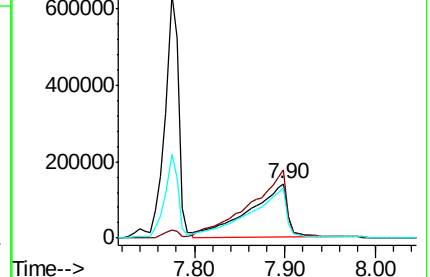
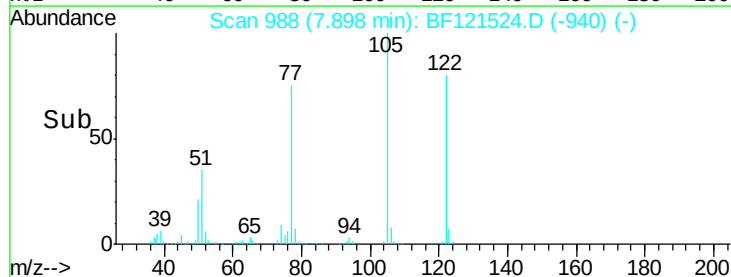
77 93.2 69.8 109.8

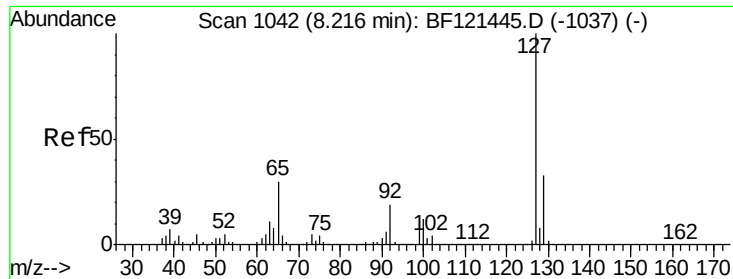


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

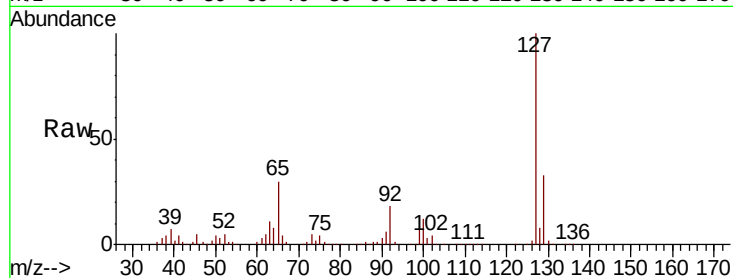




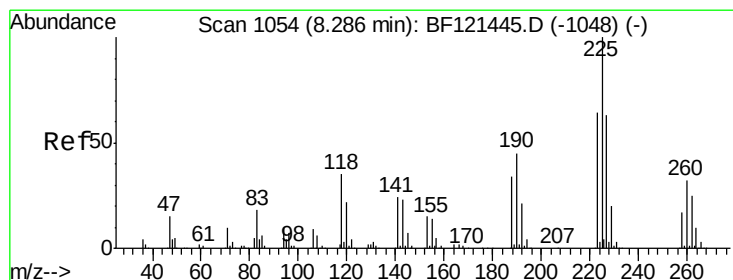
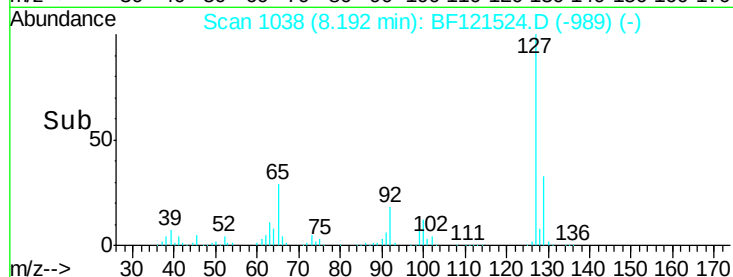
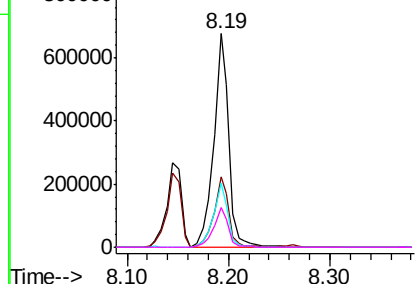
#33  
4-Chloroaniline  
Concen: 27.252 ng  
RT: 8.19 min Scan# 1038  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Instrument :  
BNA\_F  
ClientSampled :  
PB131478BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 691815 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.2  | 39.4   |
| 65       | 29.7  | 21.8  | 32.6   |
| 92       | 18.5  | 14.3  | 21.5   |

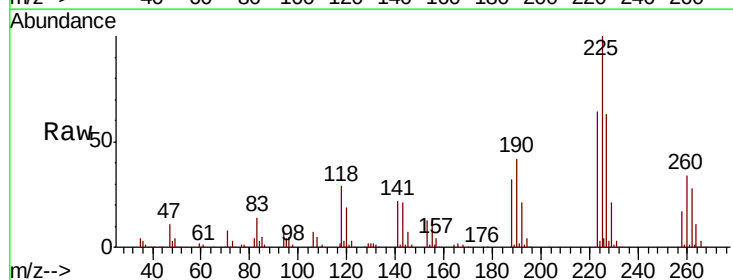


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

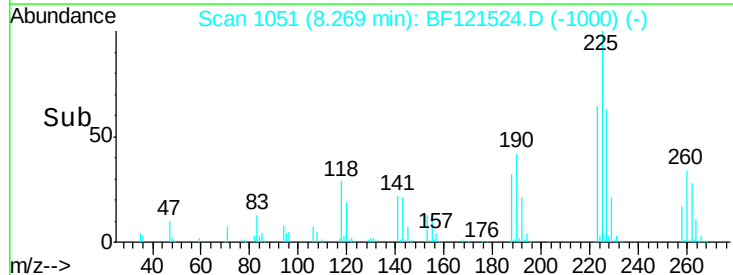
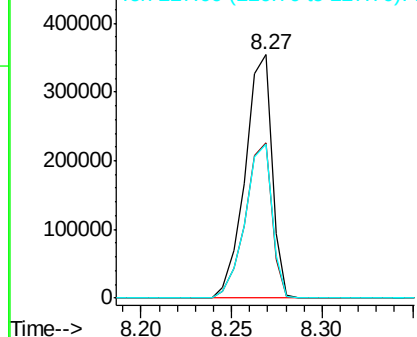


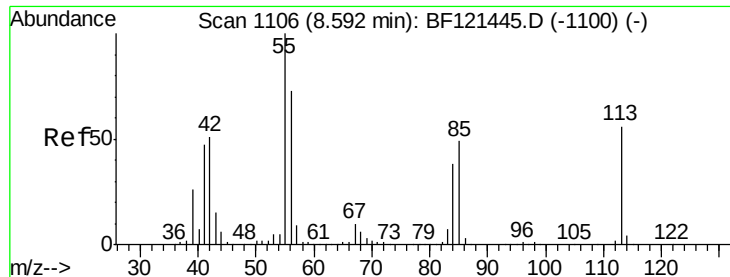
#34  
Hexachlorobutadiene  
Concen: 32.325 ng  
RT: 8.27 min Scan# 1051  
Delta R.T. 0.00 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 364248 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 51.8  | 77.6   |
| 227      | 63.2  | 51.0  | 76.4   |



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

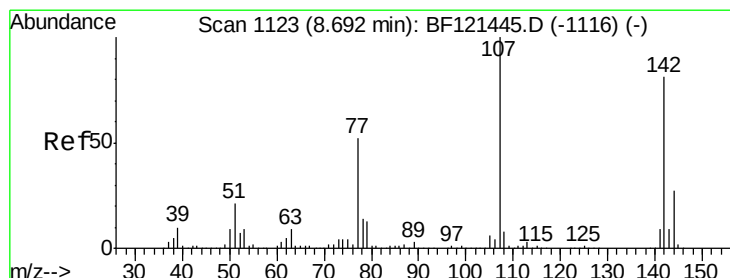
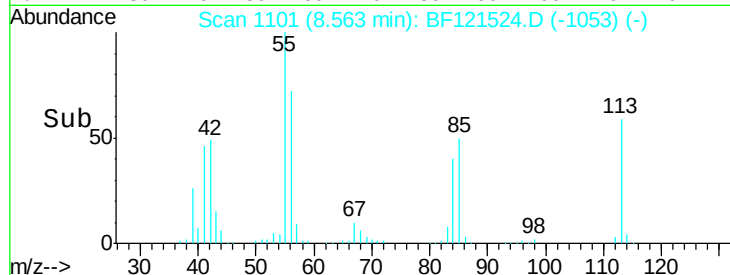
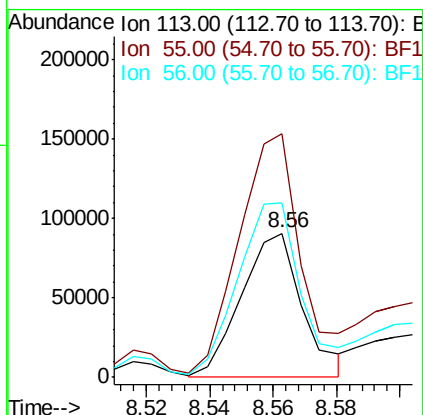
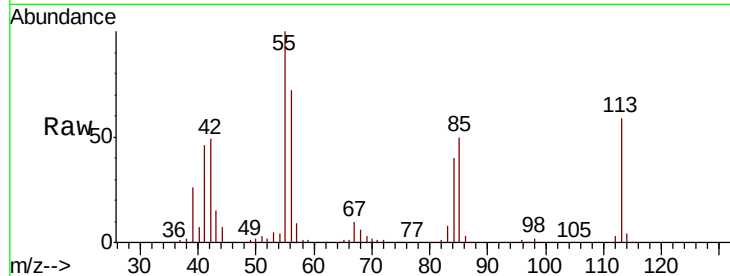




#35  
 Caprolactam  
 Concen: 24.002 ng  
 RT: 8.56 min Scan# 1101  
 Delta R.T. -0.02 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

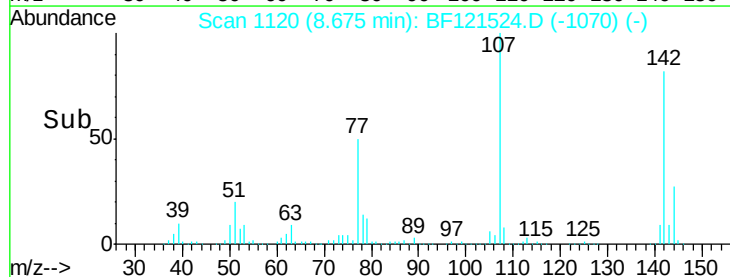
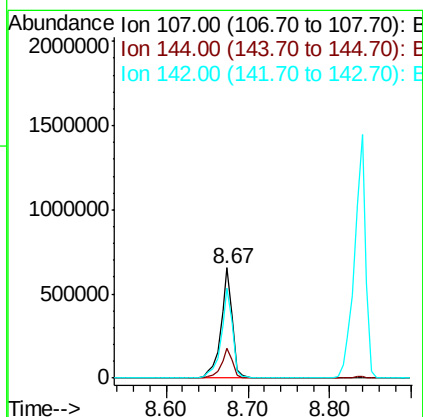
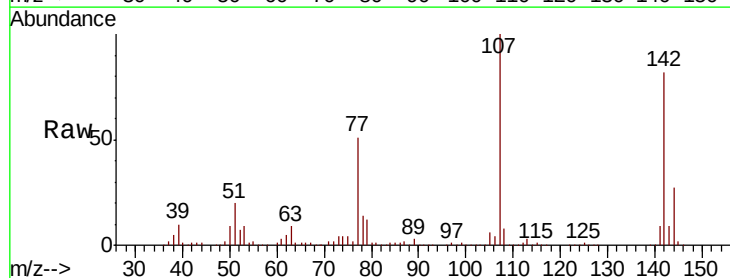
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

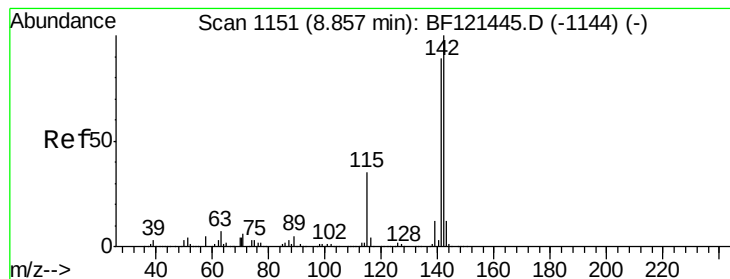
Tot Ion:113 Resp: 121089  
 Ion Ratio Lower Upper  
 113 100  
 55 168.8 149.1 189.1  
 56 121.2 104.4 144.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.990 ng  
 RT: 8.67 min Scan# 1120  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Tgt Ion:107 Resp: 635864  
 Ion Ratio Lower Upper  
 107 100  
 144 26.6 21.3 31.9  
 142 81.7 64.9 97.3





#37

2-Methylnaphthalene

Concen: 36.479 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

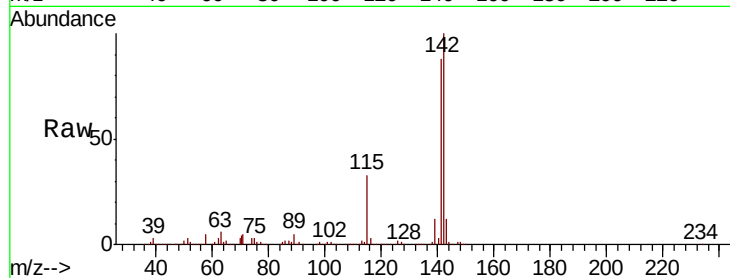
Tot Ion:142 Resp: 1377531

Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

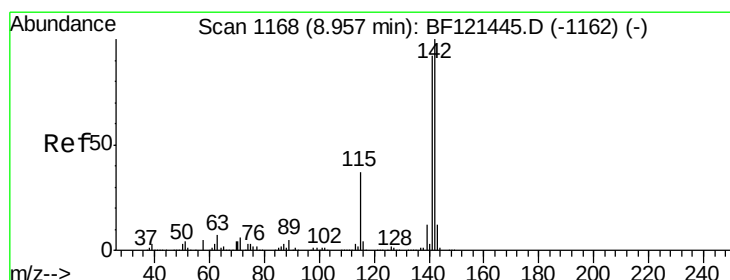
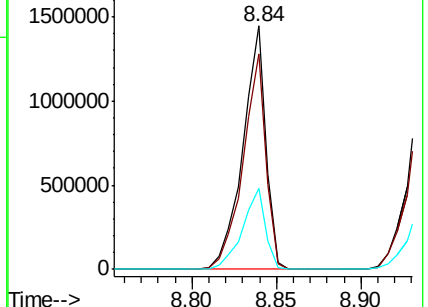
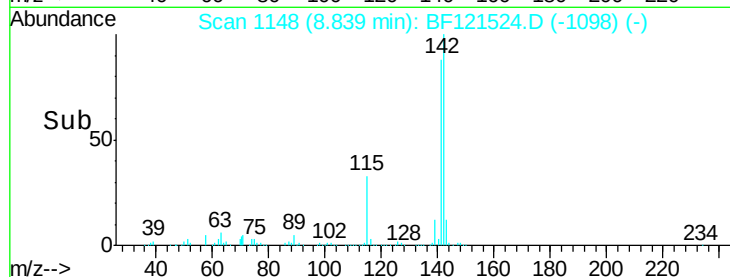
115 33.2 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.892 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

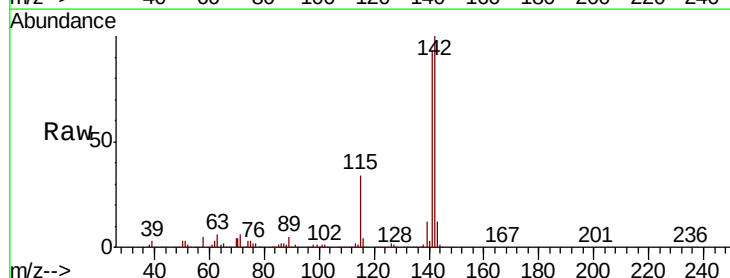
Tgt Ion:142 Resp: 1279832

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

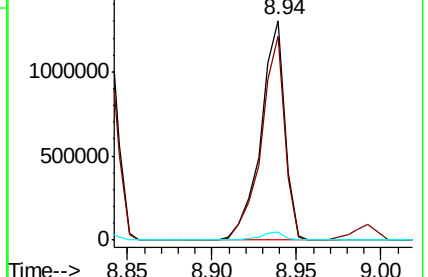
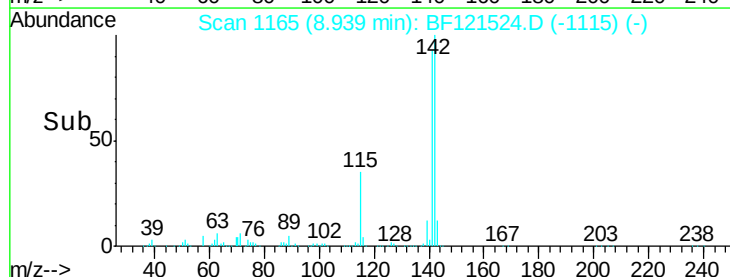
116 3.6 3.0 4.4

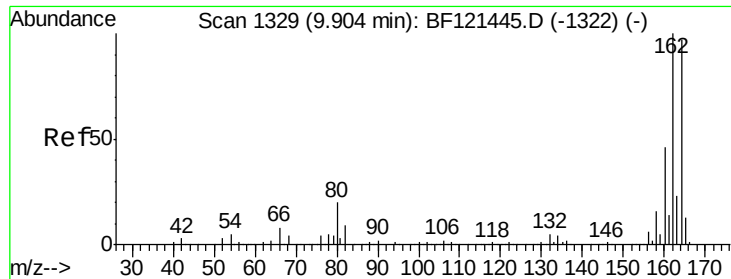


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

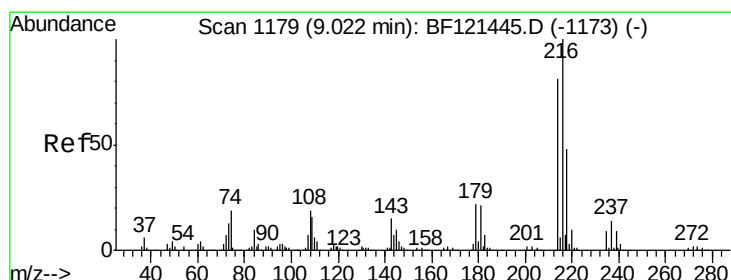
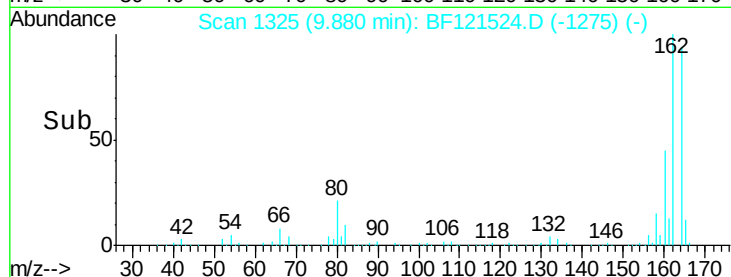
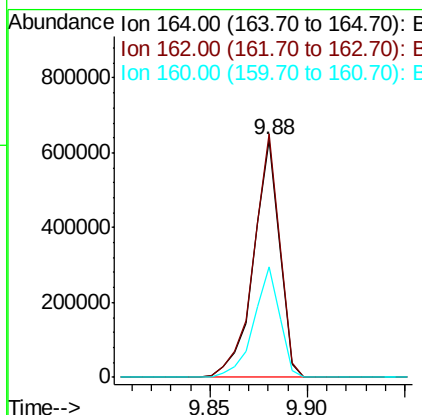
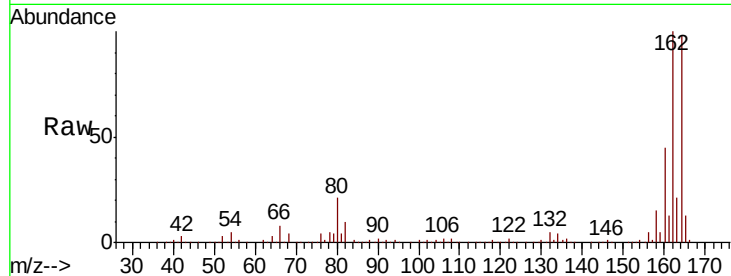




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

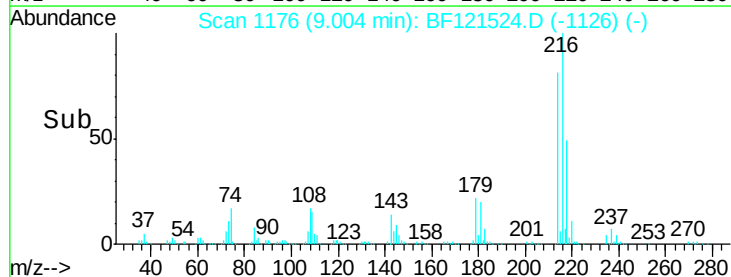
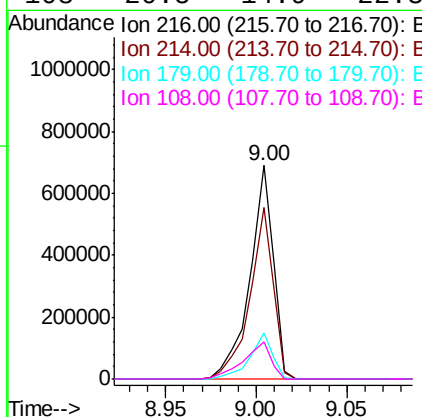
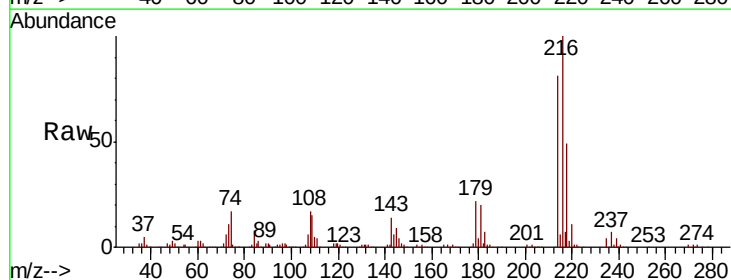
Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

Tot Ion:164 Resp: 586181  
Ion Ratio Lower Upper  
164 100  
162 102.6 80.5 120.7  
160 46.3 36.2 54.4

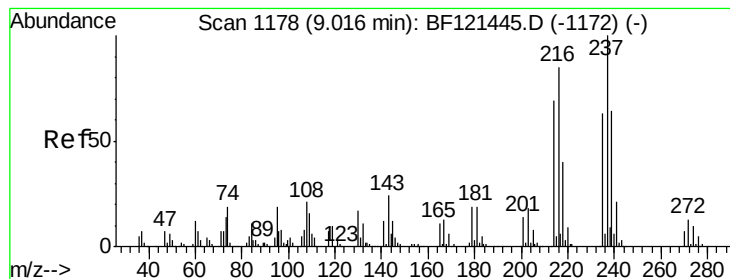


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.755 ng  
RT: 9.00 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:216 Resp: 621282  
Ion Ratio Lower Upper  
216 100  
214 80.0 64.3 96.5  
179 20.9 16.9 25.3  
108 20.5 14.9 22.3







#41

Hexachlorocyclopentadiene

Concen: 97.995 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

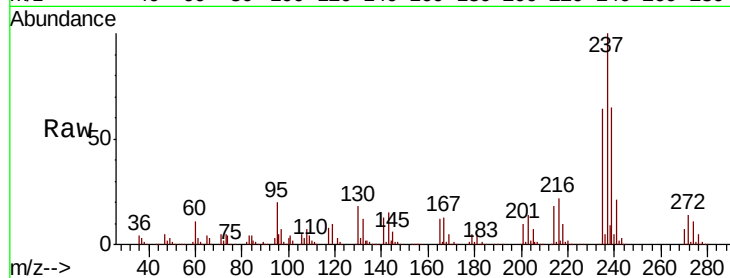
Tot Ion:237 Resp: 716058

Ion Ratio Lower Upper

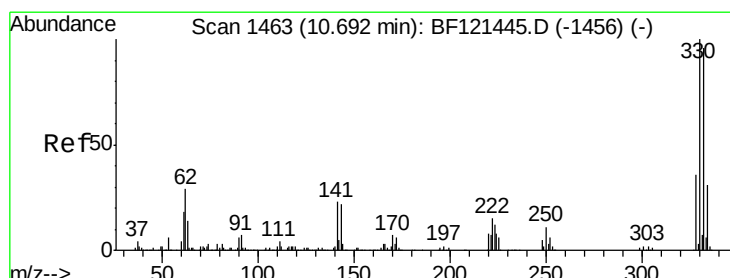
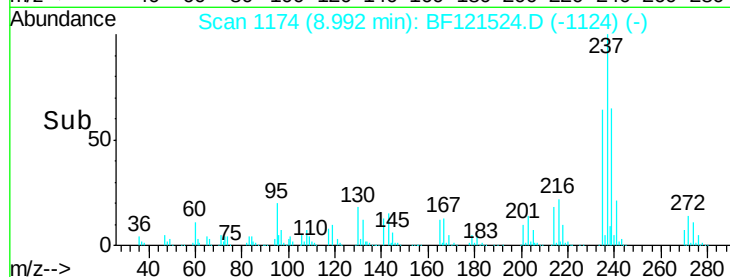
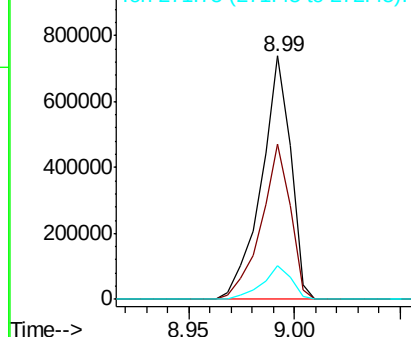
237 100

235 63.9 43.0 83.0

272 13.8 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 114.206 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

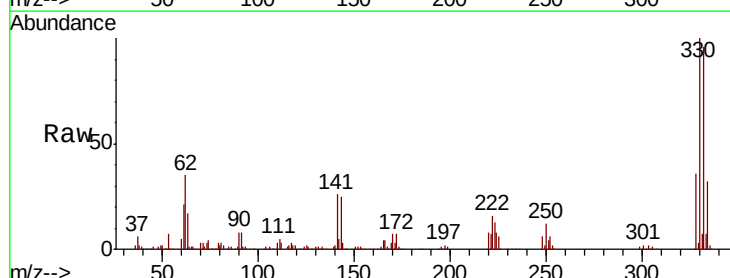
Tgt Ion:330 Resp: 676182

Ion Ratio Lower Upper

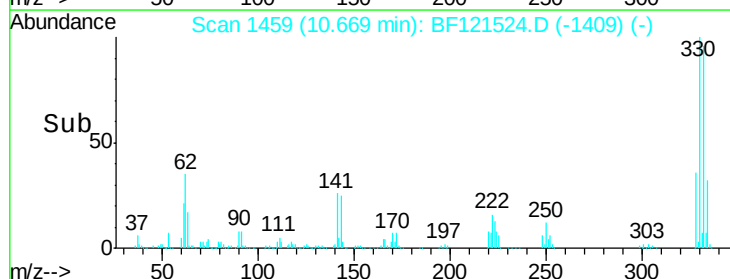
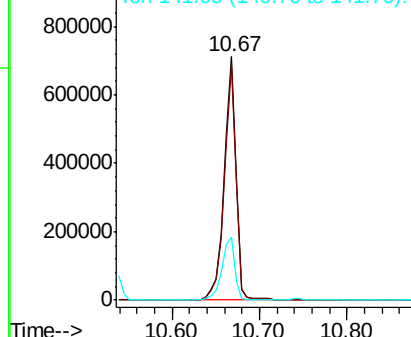
330 100

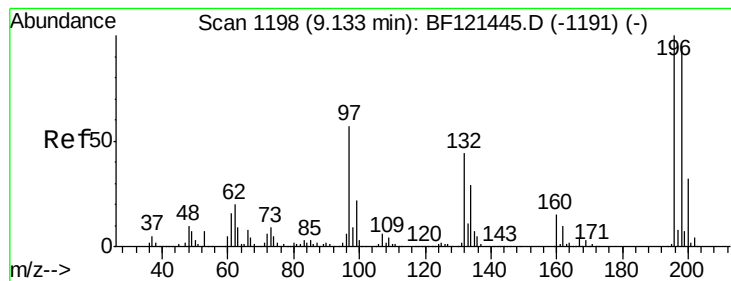
332 96.3 76.2 114.2

141 28.4 22.6 34.0



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: 40.372 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

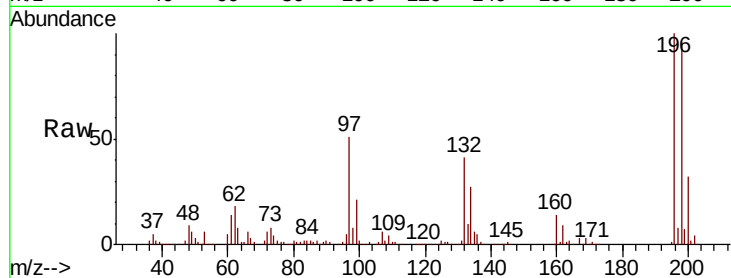
Tot Ion:196 Resp: 443393

Ion Ratio Lower Upper

196 100

198 96.3 77.1 115.7

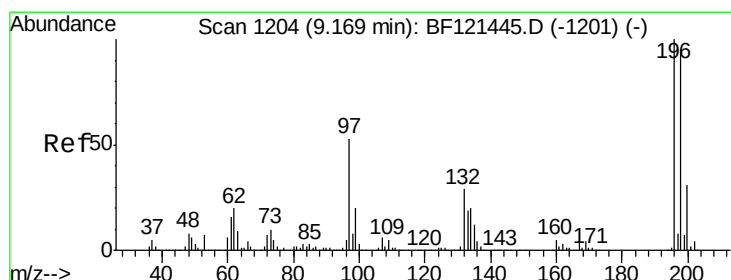
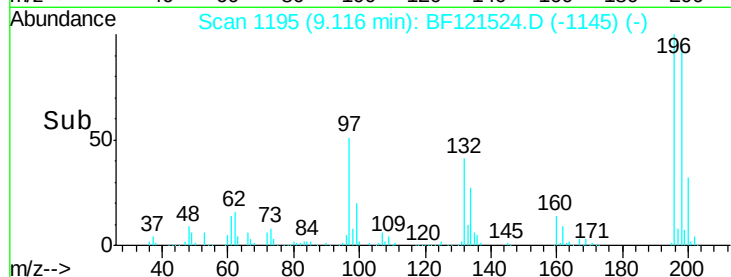
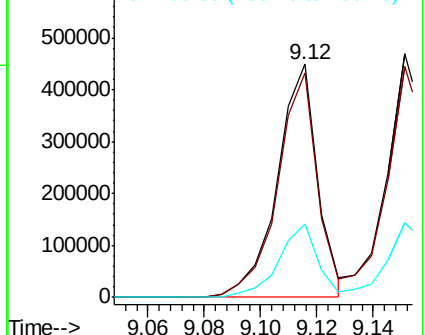
200 31.6 25.0 37.4



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: 43.460 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:196 Resp: 471985

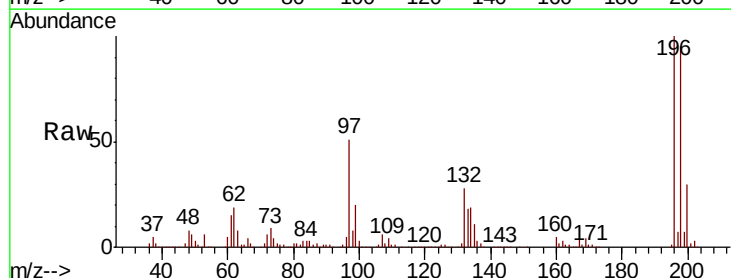
Ion Ratio Lower Upper

196 100

198 95.1 75.5 113.3

97 50.9 42.2 63.4

132 28.2 23.4 35.0

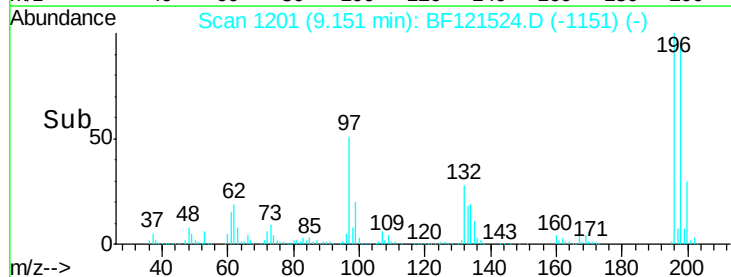
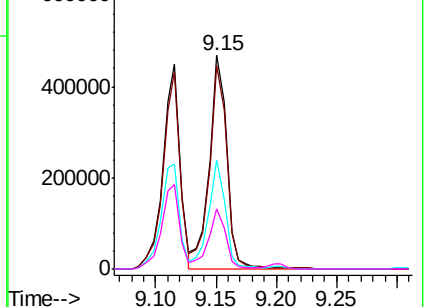


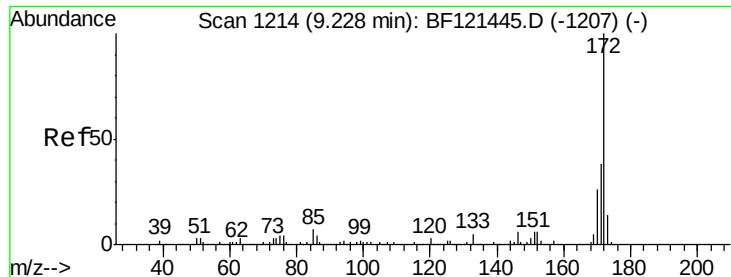
Abundance Ion 196.00 (195.70 to 196.70): E

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

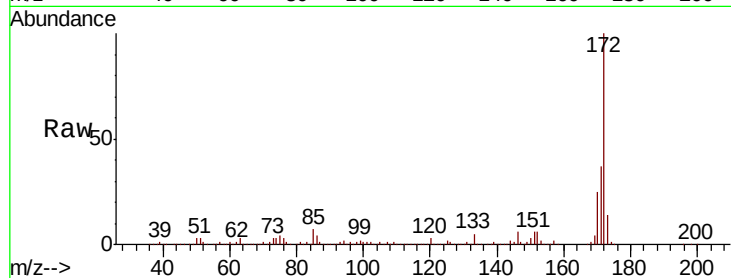




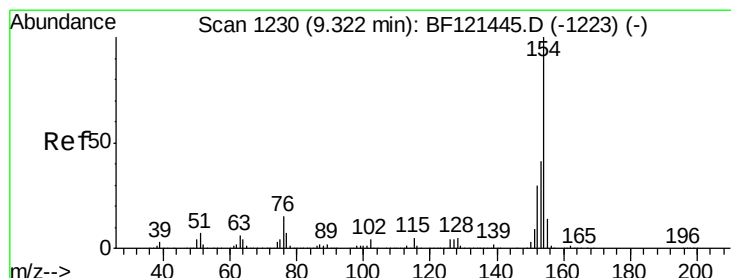
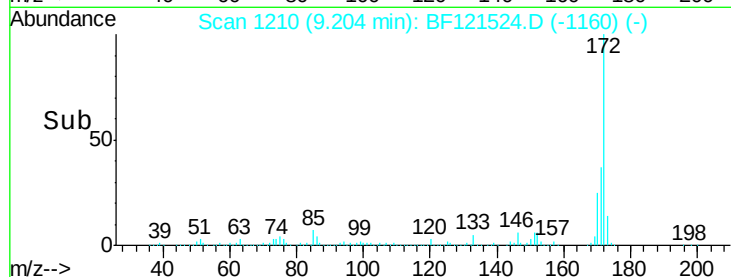
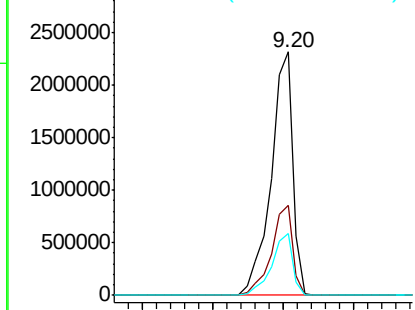
#45  
2-Fluorobiphenyl  
Concen: 68.972 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

Tot Ion:172 Resp: 2505679  
Ion Ratio Lower Upper  
172 100  
171 36.7 30.4 45.6  
170 25.2 20.7 31.1

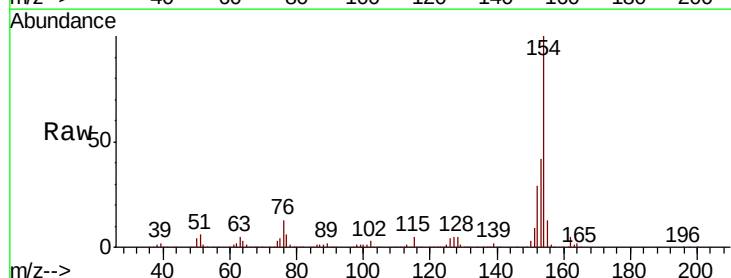


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

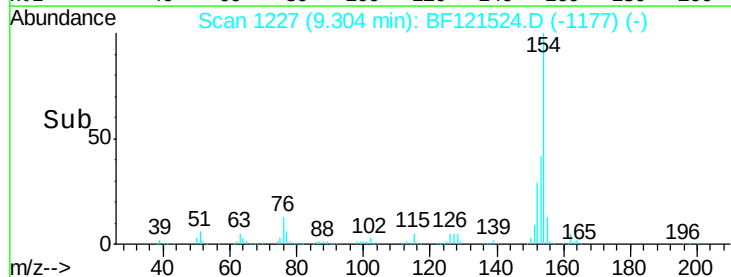
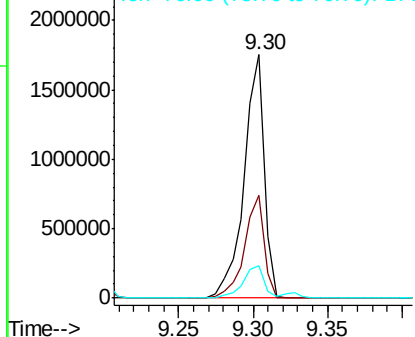


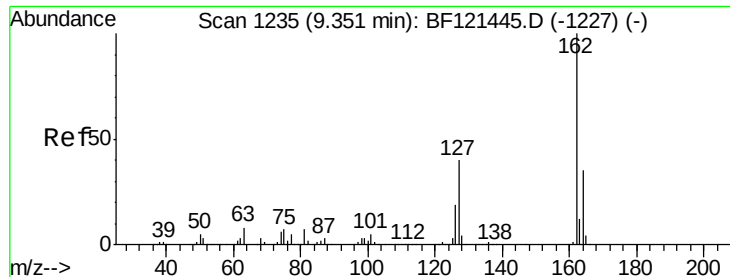
#46  
1,1'-Biphenyl  
Concen: 36.990 ng  
RT: 9.30 min Scan# 1227  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:154 Resp: 1636180  
Ion Ratio Lower Upper  
154 100  
153 42.0 22.1 62.1  
76 13.1 0.0 33.5



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

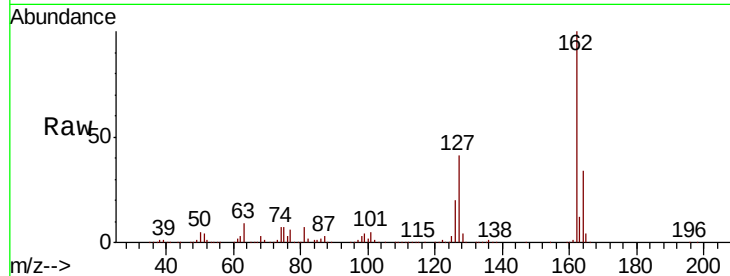




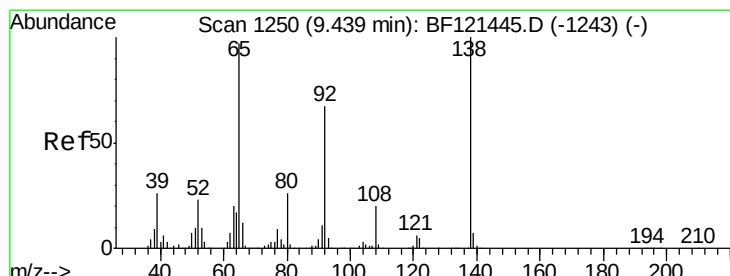
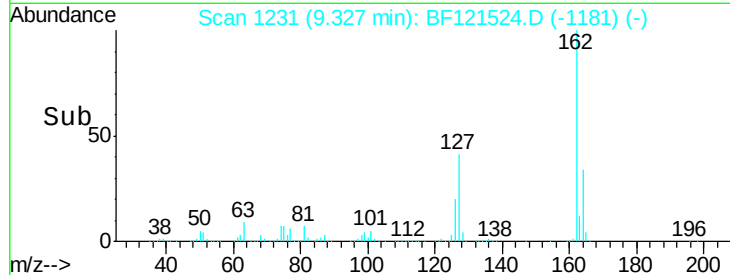
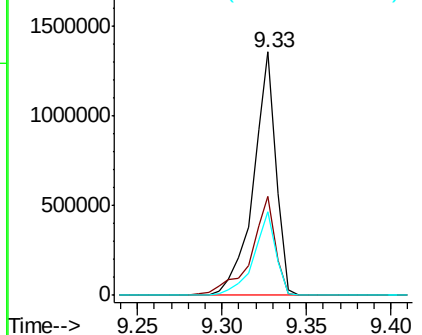
#47  
 2-Chloronaphthalene  
 Concen: 34.779 ng  
 RT: 9.33 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 162   | Resp: | 1264491 |
| Ion      | Ratio | Lower | Upper   |
| 162      | 100   |       |         |
| 127      | 40.9  | 34.0  | 51.0    |
| 164      | 34.1  | 27.6  | 41.4    |

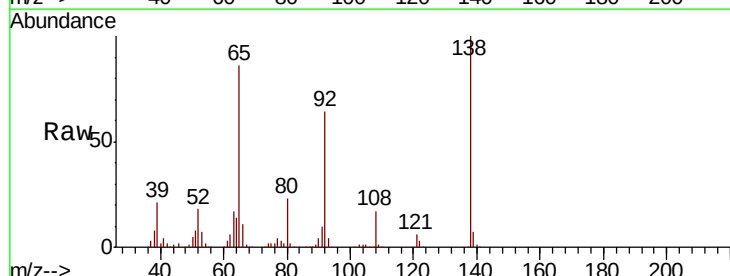


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

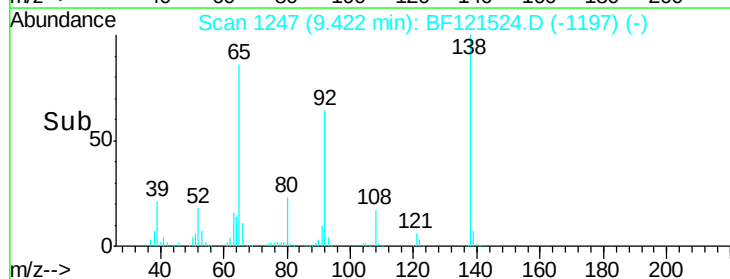
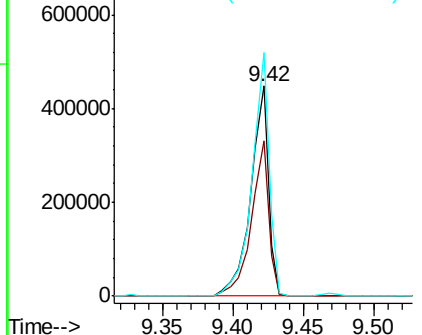


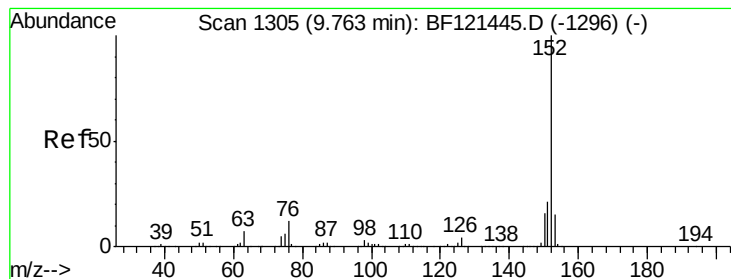
#48  
 2-Nitroaniline  
 Concen: 40.329 ng  
 RT: 9.42 min Scan# 1247  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 398966 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 73.8  | 58.6  | 87.8   |
| 138      | 115.8 | 88.6  | 133.0  |



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: 37.089 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

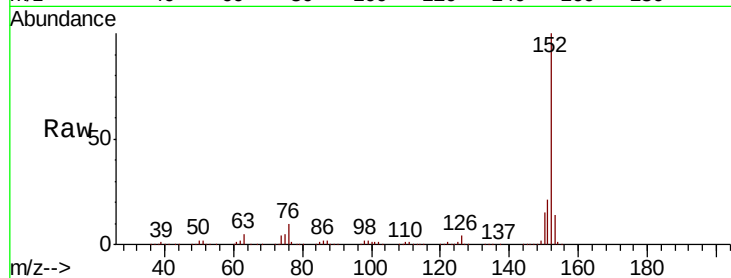
Tot Ion:152 Resp: 2022672

Ion Ratio Lower Upper

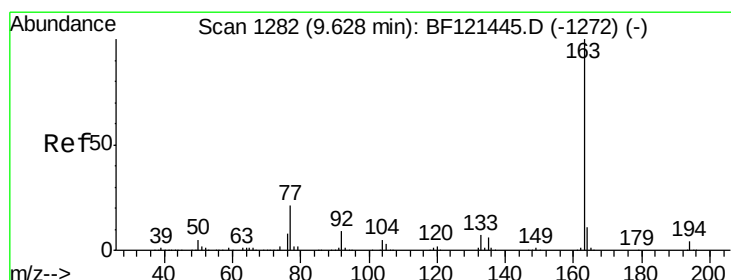
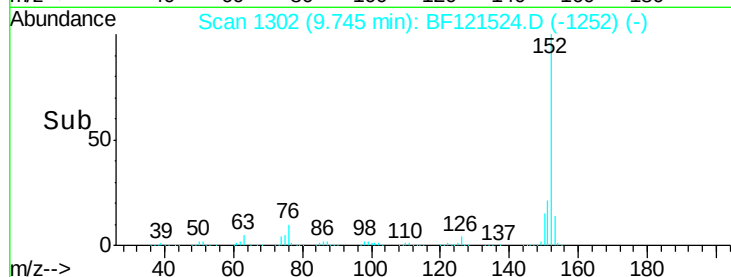
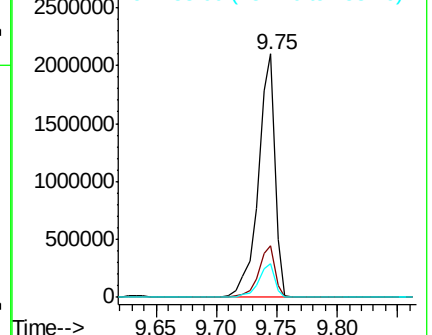
152 100

151 21.0 17.3 25.9

153 13.8 11.3 16.9



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: 36.505 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

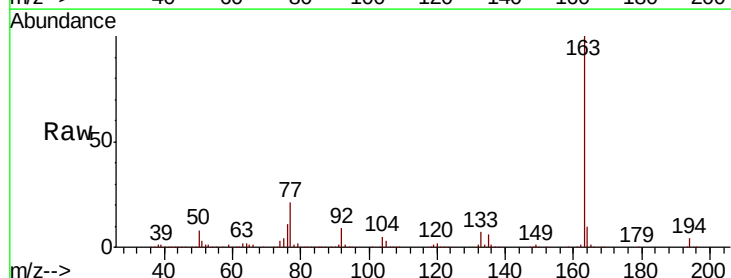
Tgt Ion:163 Resp: 1469868

Ion Ratio Lower Upper

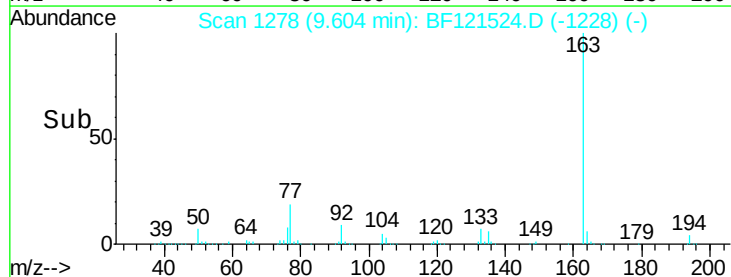
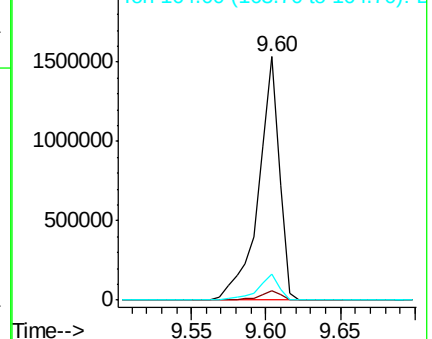
163 100

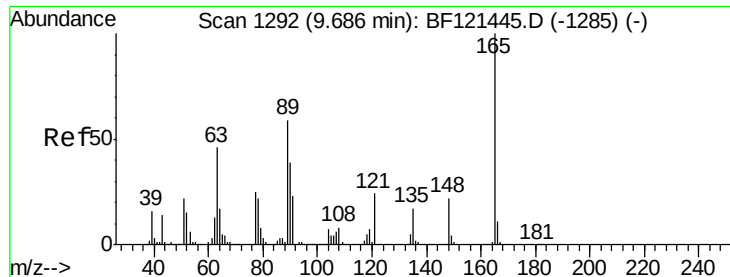
194 4.1 3.3 4.9

164 10.4 8.6 13.0



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

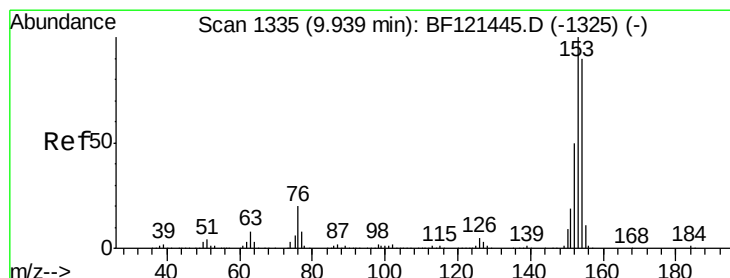
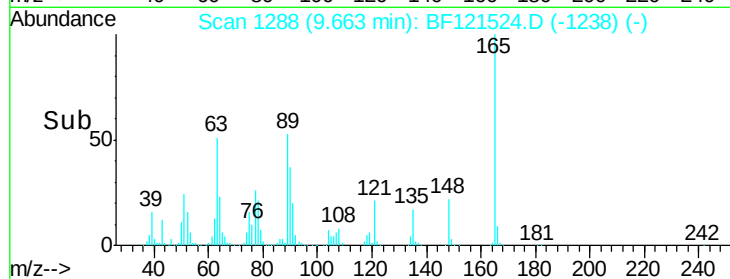
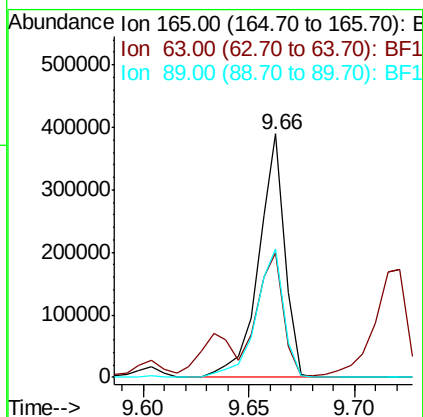
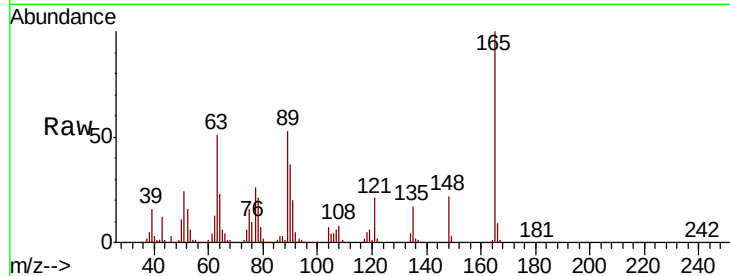




#51  
 2,6-Dinitrotoluene  
 Concen: 44.859 ng  
 RT: 9.66 min Scan# 1288  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

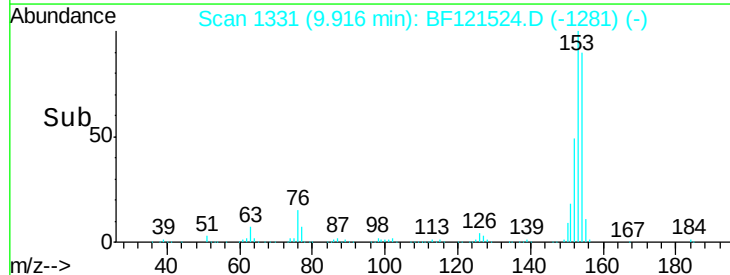
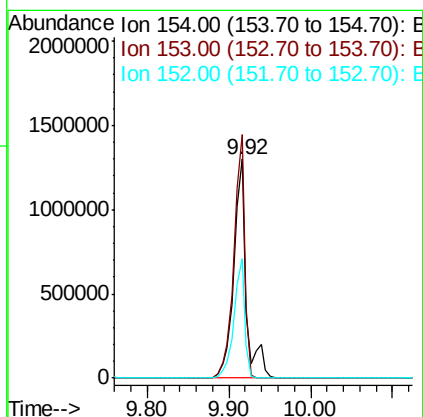
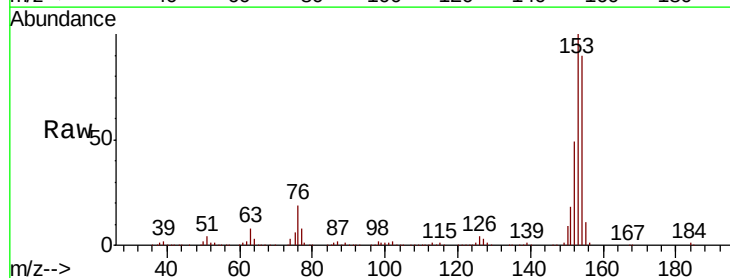
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

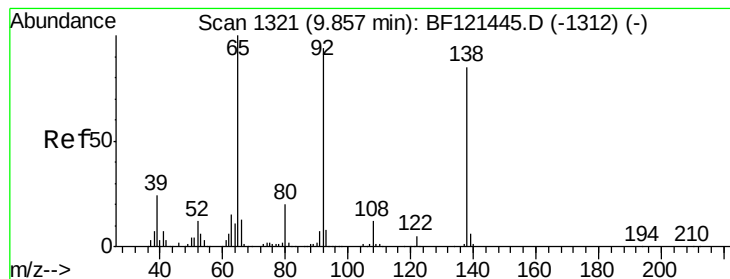
Tot Ion:165 Resp: 334871  
 Ion Ratio Lower Upper  
 165 100  
 63 51.1 47.4 71.0  
 89 52.7 47.9 71.9



#52  
 Acenaphthene  
 Concen: 40.544 ng  
 RT: 9.92 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Tgt Ion:154 Resp: 1396168  
 Ion Ratio Lower Upper  
 154 100  
 153 111.2 89.9 134.9  
 152 54.6 44.6 66.8





#53

3-Nitroaniline

Concen: 31.827 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

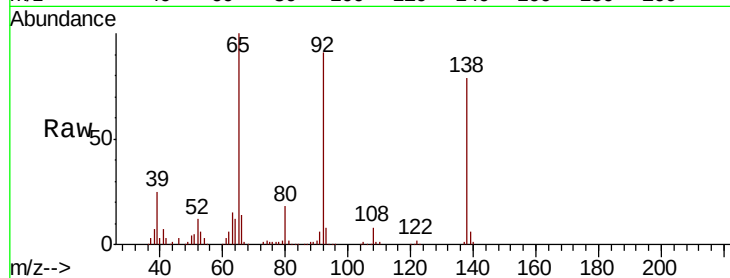
Tot Ion:138 Resp: 286082

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

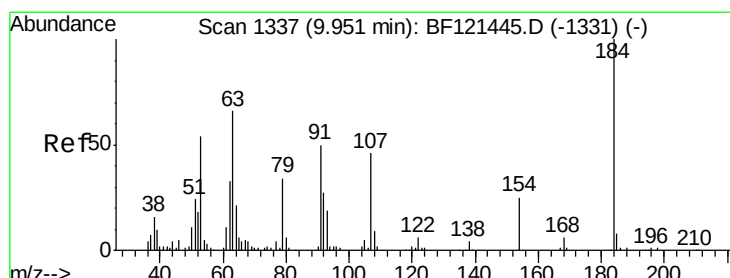
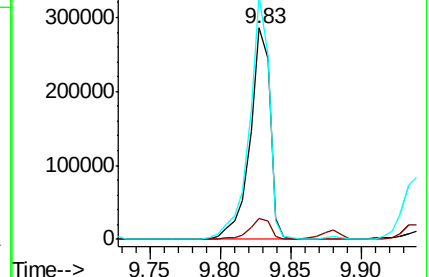
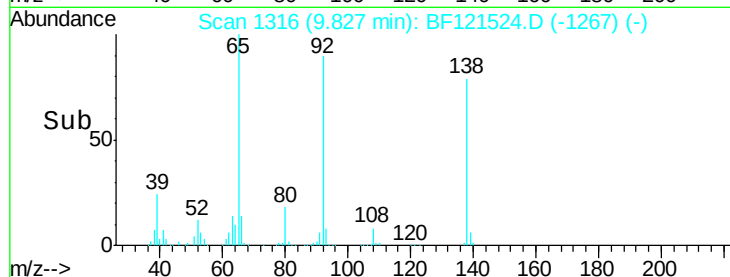
92 115.2 91.1 136.7



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: 85.398 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

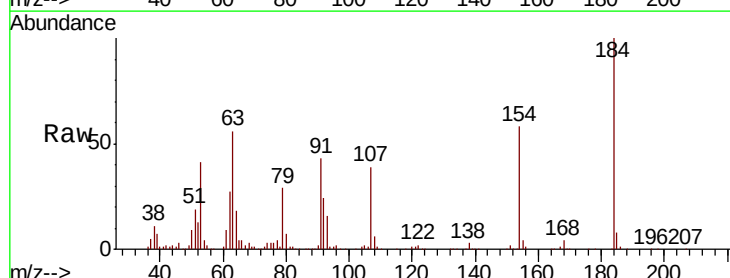
Tgt Ion:184 Resp: 316917

Ion Ratio Lower Upper

184 100

63 55.7 41.8 62.8

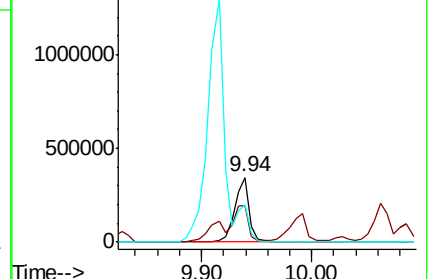
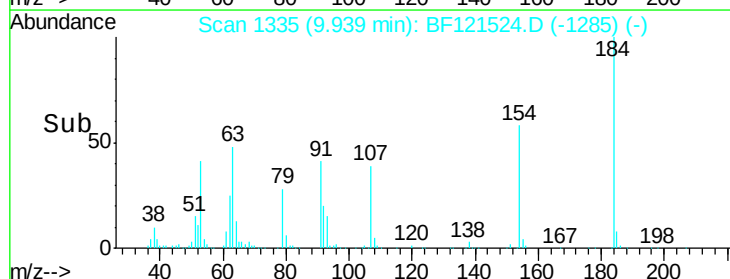
154 58.1 45.5 68.3

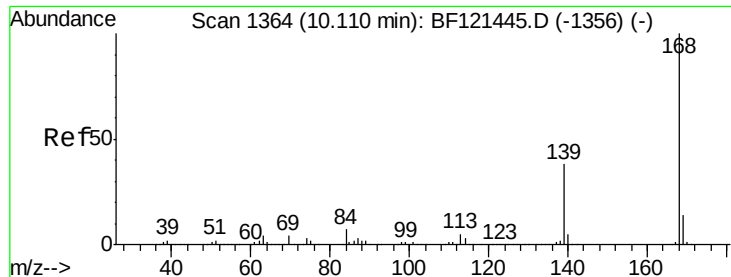


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

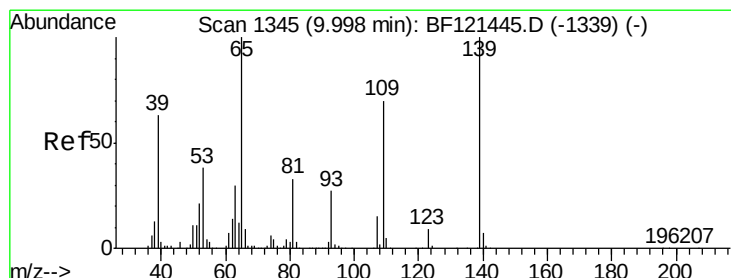
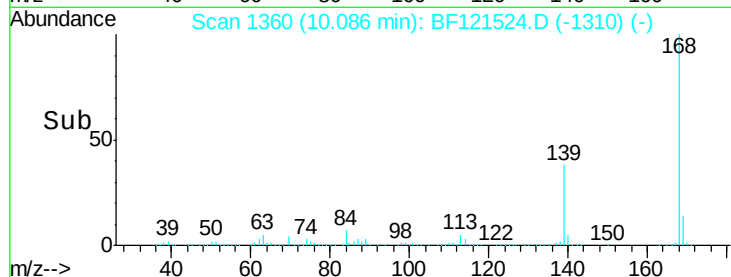
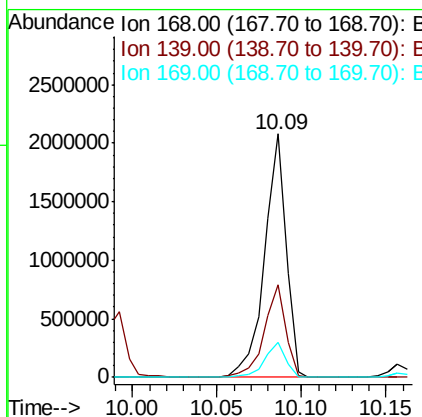
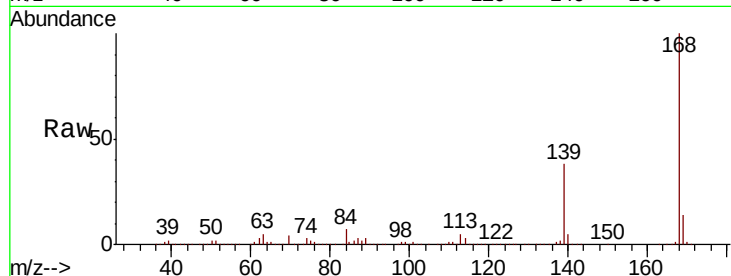




#55  
Dibenzofuran  
Concen: 36.798 ng  
RT: 10.09 min Scan# 1360  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

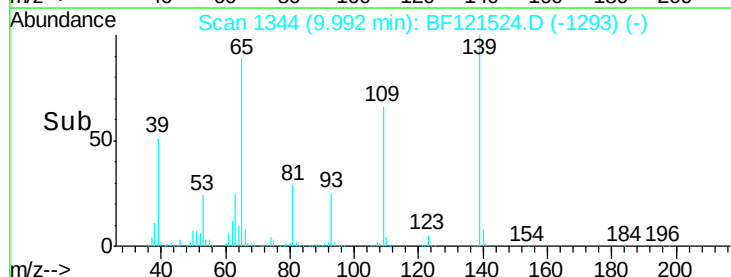
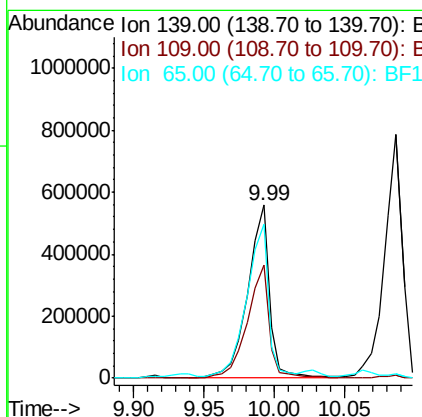
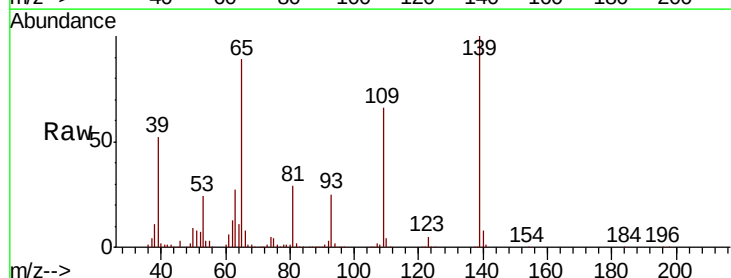
Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

Tot Ion:168 Resp: 1840716  
Ion Ratio Lower Upper  
168 100  
139 37.8 30.4 45.6  
169 14.1 11.5 17.3

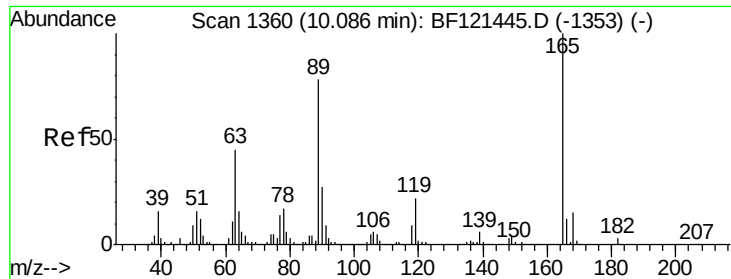


#56  
4-Nitrophenol  
Concen: 77.605 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.00 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:139 Resp: 601308  
Ion Ratio Lower Upper  
139 100  
109 65.6 44.3 84.3  
65 89.2 70.2 110.2



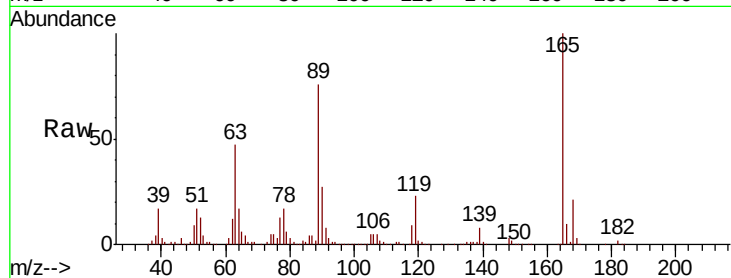




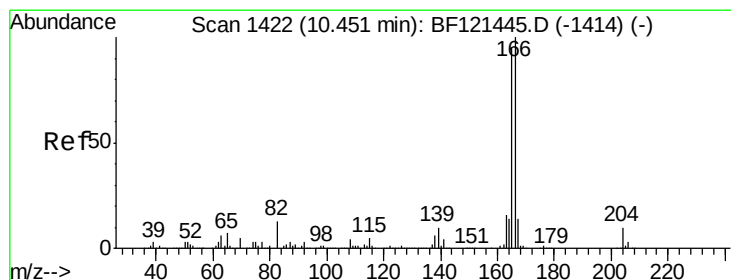
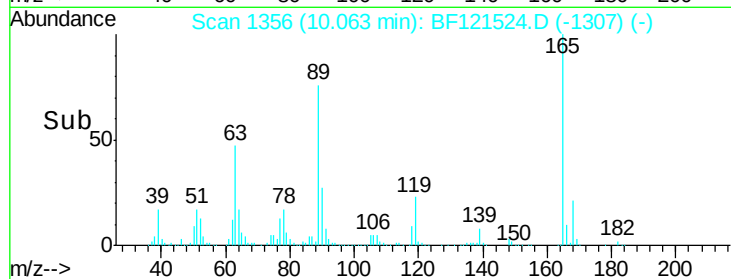
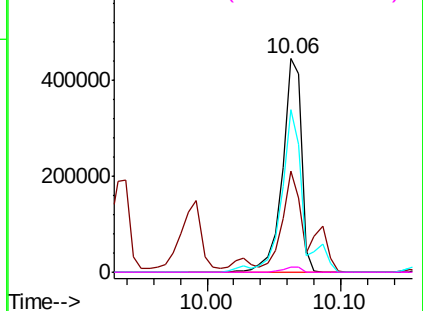
#57  
 2,4-Dinitrotoluene  
 Concen: 48.124 ng  
 RT: 10.06 min Scan# 1356  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

Tot Ion:165 Resp: 447277  
 Ion Ratio Lower Upper  
 165 100  
 63 47.3 33.6 50.4  
 89 76.1 56.4 84.6  
 182 2.5 2.2 3.4

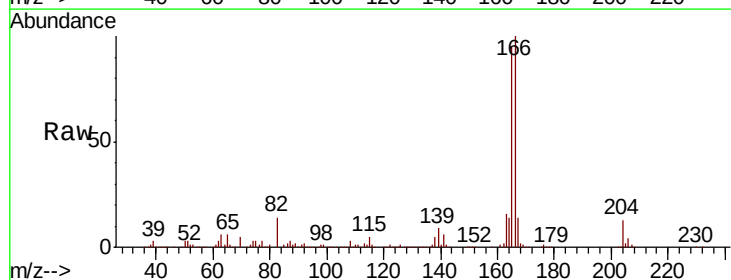


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

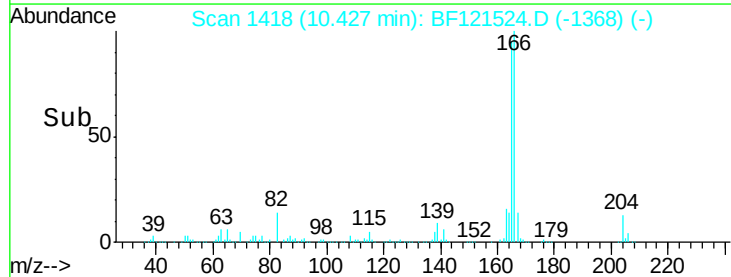
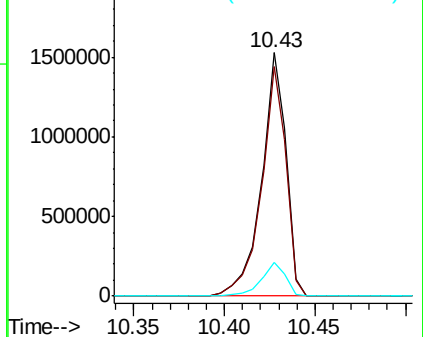


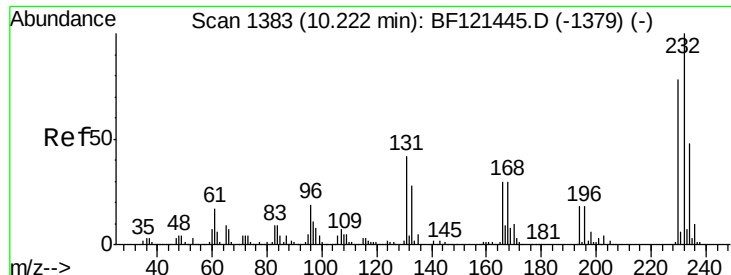
#58  
 Fluorene  
 Concen: 37.956 ng  
 RT: 10.43 min Scan# 1418  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Tgt Ion:166 Resp: 1431259  
 Ion Ratio Lower Upper  
 166 100  
 165 94.5 75.3 112.9  
 167 13.9 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

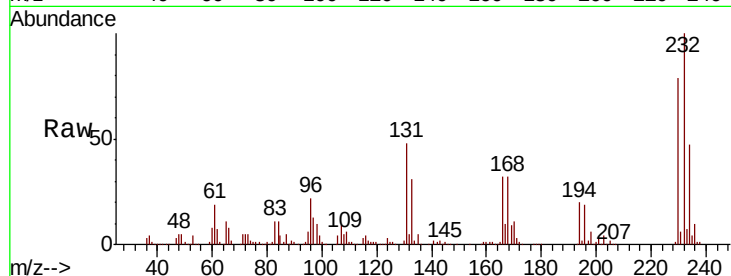




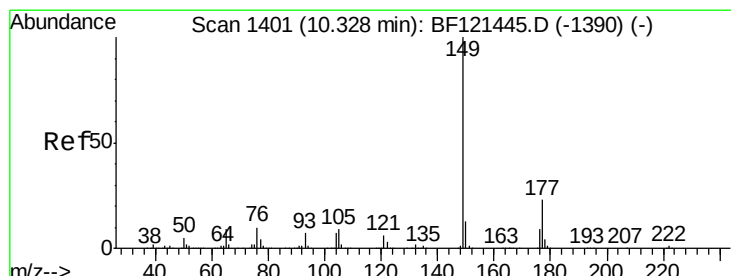
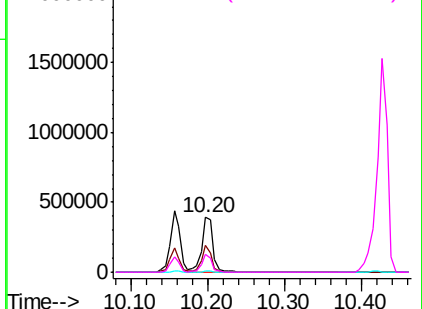
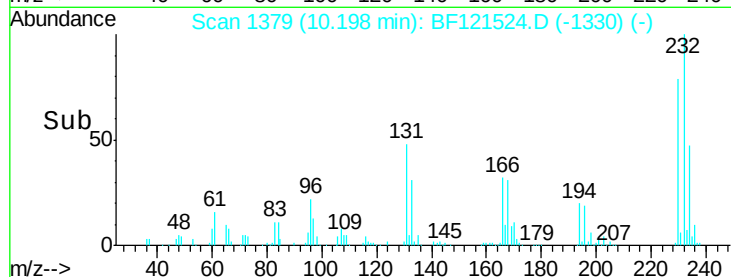
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.590 ng  
 RT: 10.20 min Scan# 1379  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

Tot Ion:232 Resp: 403178  
 Ion Ratio Lower Upper  
 232 100  
 131 43.2 34.4 51.6  
 130 2.1 1.8 2.6  
 166 29.1 23.8 35.6

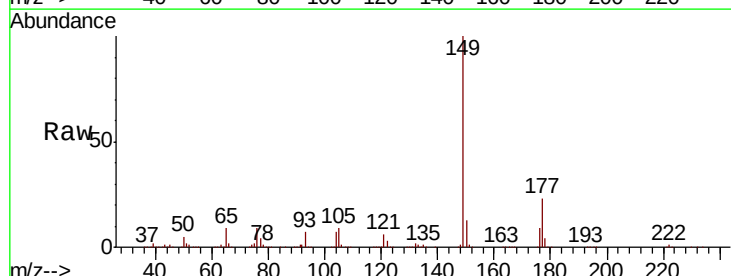


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

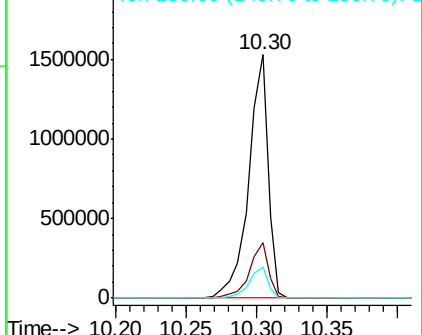
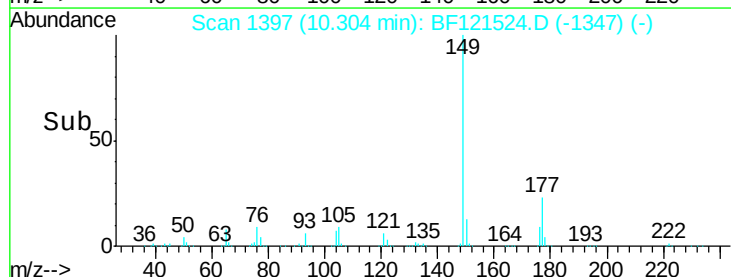


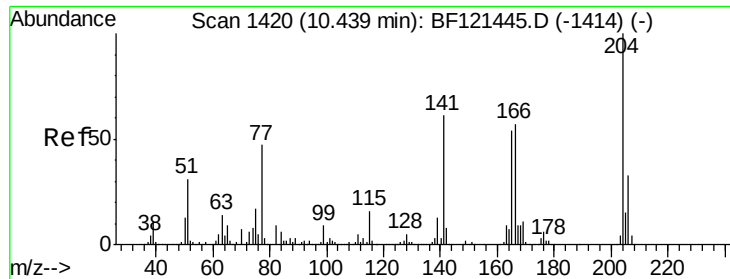
#60  
 Diethylphthalate  
 Concen: 36.604 ng  
 RT: 10.30 min Scan# 1397  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Tgt Ion:149 Resp: 1480747  
 Ion Ratio Lower Upper  
 149 100  
 177 22.9 19.0 28.4  
 150 12.7 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

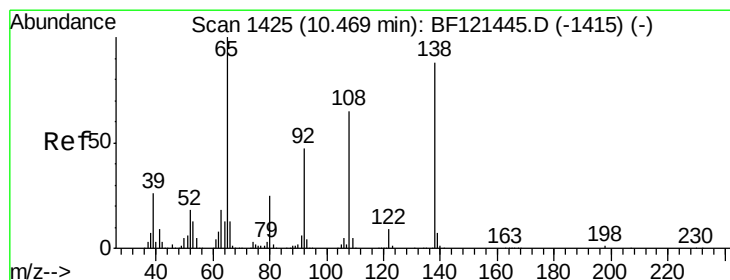
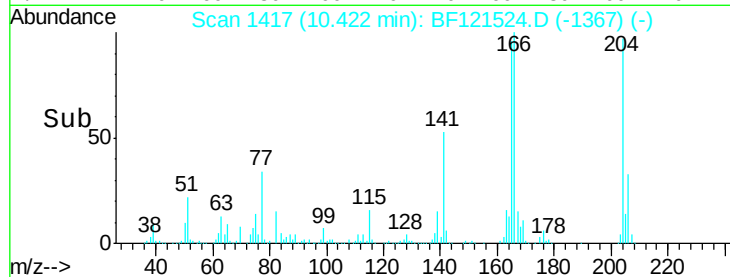
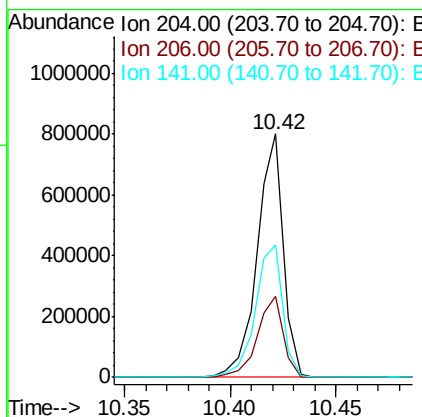
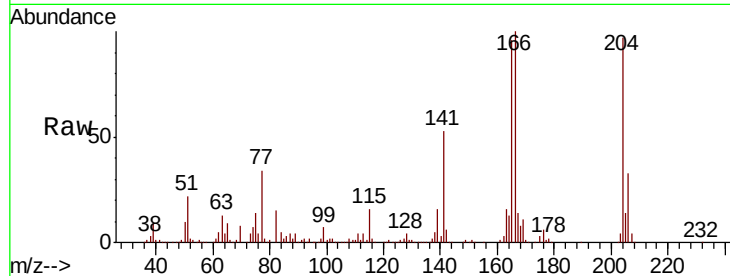




#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.436 ng  
 RT: 10.42 min Scan# 1417  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

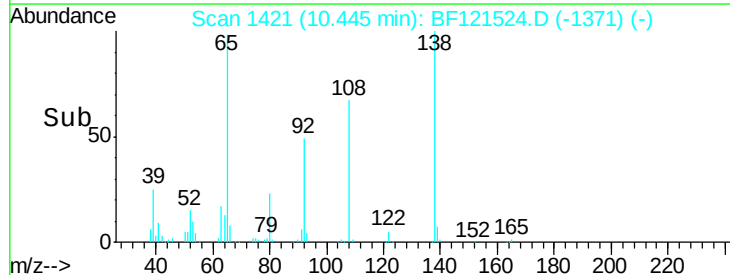
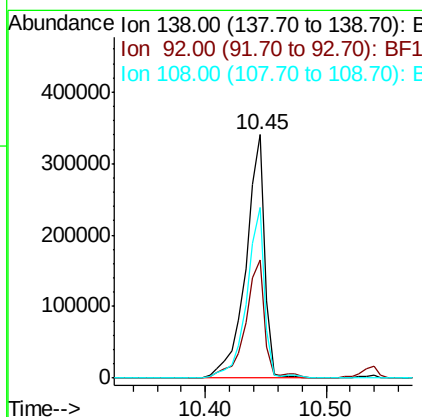
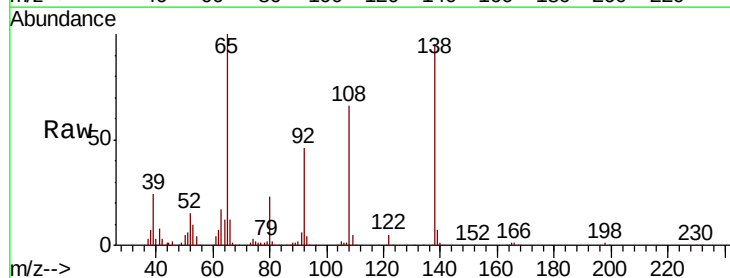
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

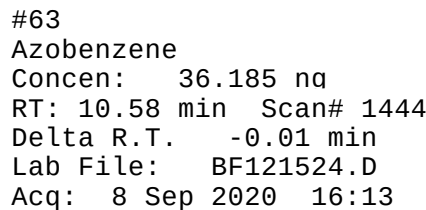
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:204 | Resp: | 688394    |
| Ion Ratio   | Lower | Upper     |
| 204         | 100   |           |
| 206         | 33.4  | 26.6 40.0 |
| 141         | 54.3  | 44.4 66.6 |



#62  
 4-Nitroaniline  
 Concen: 38.718 ng  
 RT: 10.45 min Scan# 1421  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

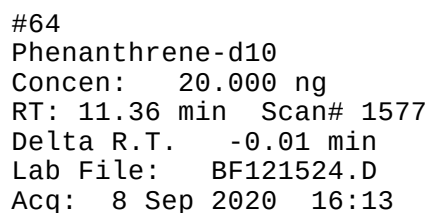
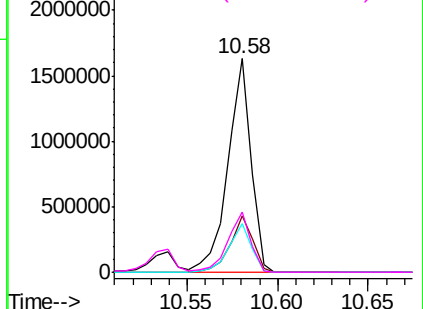
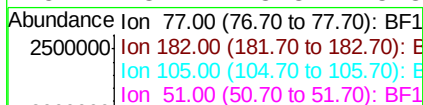
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:138 | Resp: | 371424    |
| Ion Ratio   | Lower | Upper     |
| 138         | 100   |           |
| 92          | 48.8  | 32.2 72.2 |
| 108         | 69.9  | 49.1 89.1 |



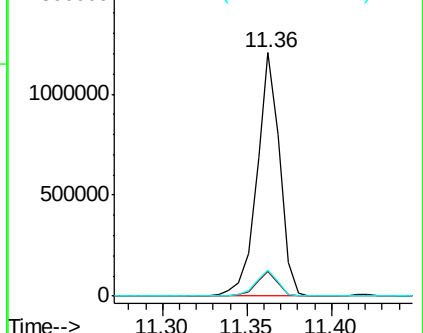
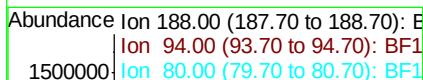


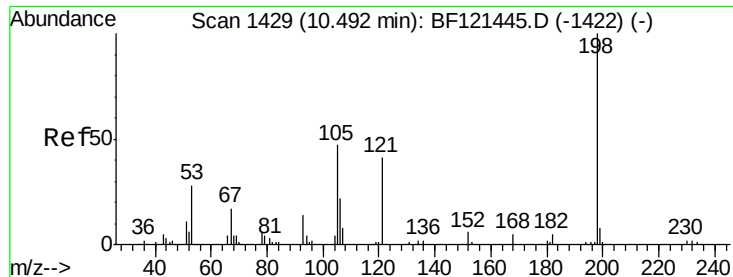
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB131478BS

|     |         |               |       |
|-----|---------|---------------|-------|
| Tot | Ion: 77 | Resp: 1447573 |       |
| Ion | Ratio   | Lower         | Upper |
| 77  | 100     |               |       |
| 182 | 26.2    | 6.8           | 46.8  |
| 105 | 23.1    | 3.0           | 43.0  |
| 51  | 28.1    | 8.3           | 48.3  |



|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:188 | Resp: | 1124101 |
| Ion | Ratio   | Lower | Upper   |
| 188 | 100     |       |         |
| 94  | 10.1    | 8.8   | 13.2    |
| 80  | 10.7    | 9.1   | 13.7    |

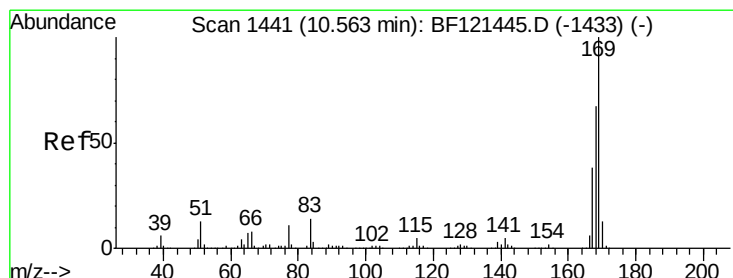
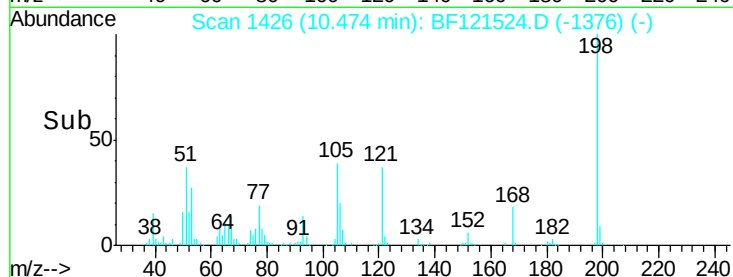
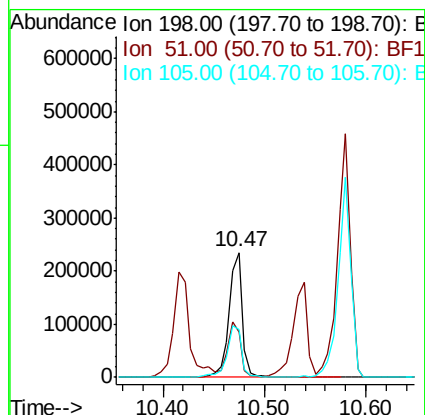
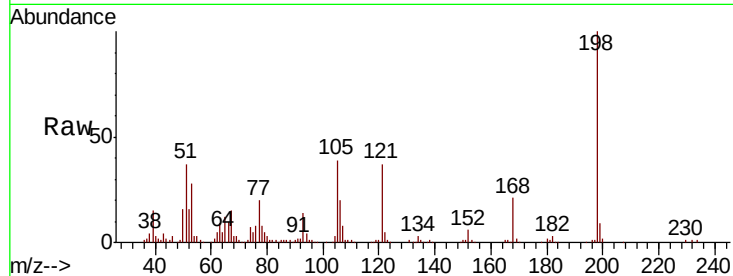




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 58.130 ng  
 RT: 10.47 min Scan# 1426  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

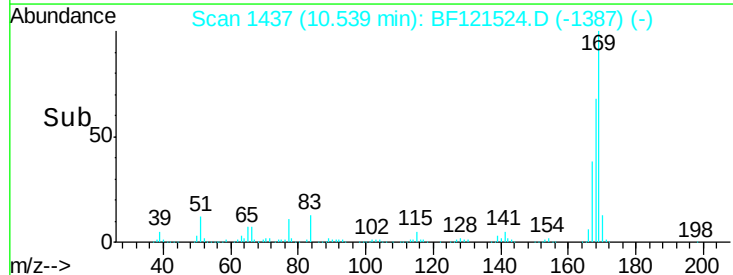
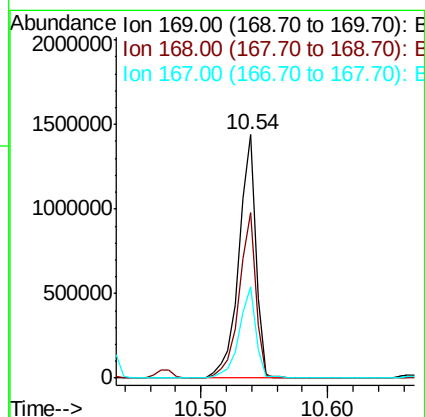
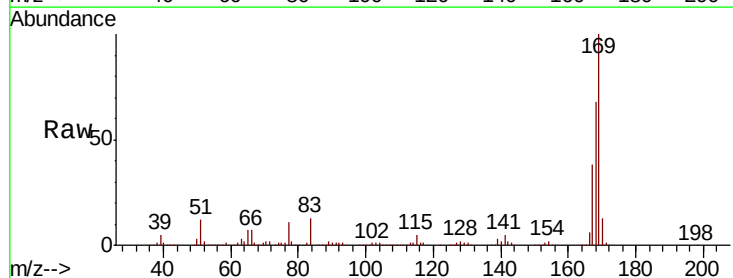
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

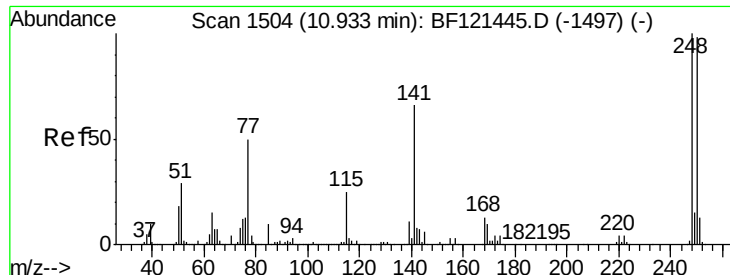
Tot Ion:198 Resp: 214941  
 Ion Ratio Lower Upper  
 198 100  
 51 36.6 24.9 64.9  
 105 38.8 25.8 65.8



#66  
 n-Nitrosodiphenylamine  
 Concen: 37.058 ng  
 RT: 10.54 min Scan# 1437  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Tgt Ion:169 Resp: 1317507  
 Ion Ratio Lower Upper  
 169 100  
 168 68.1 53.8 80.8  
 167 37.6 29.8 44.8

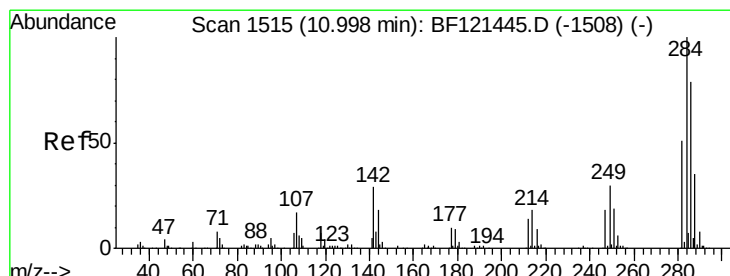
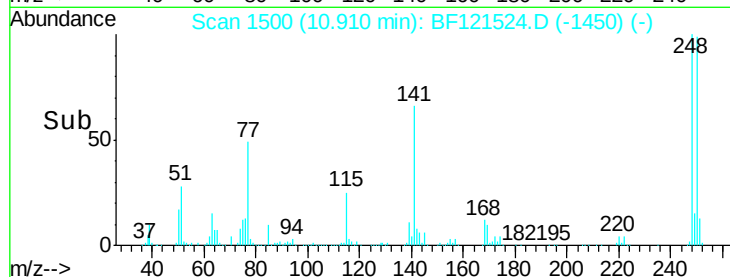
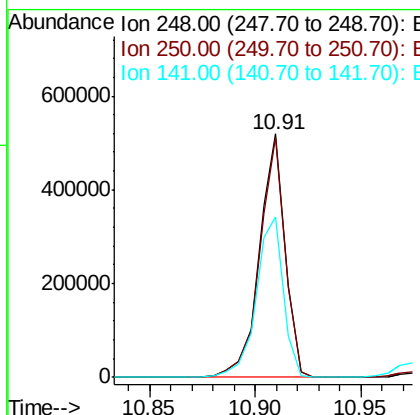
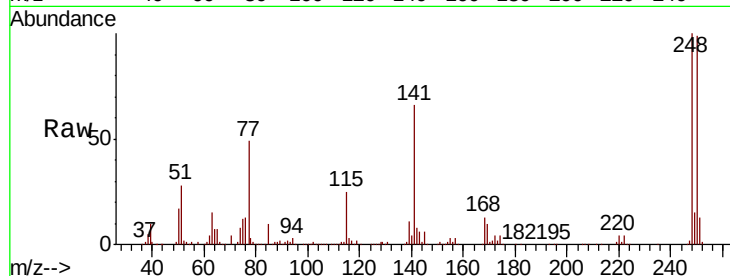




#67  
4-Bromophenyl-phenylether  
Concen: 35.565 ng  
RT: 10.91 min Scan# 1500  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

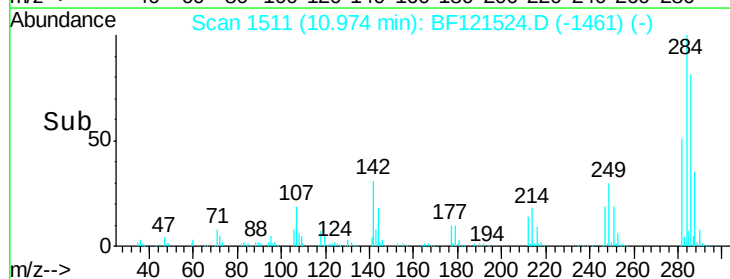
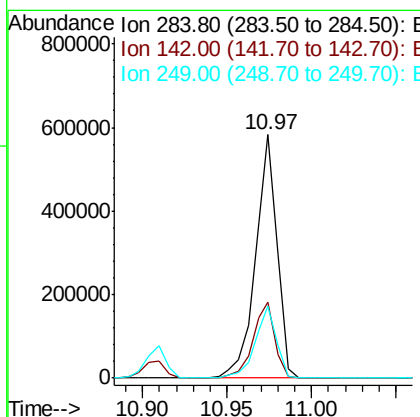
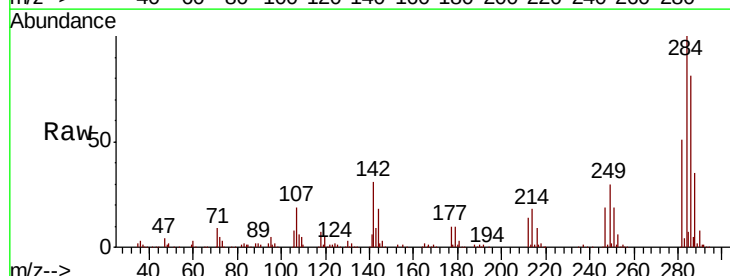
Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

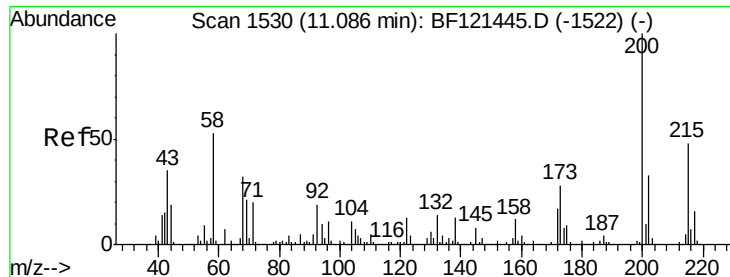
Tot Ion:248 Resp: 439804  
Ion Ratio Lower Upper  
248 100  
250 98.6 77.8 116.6  
141 65.7 56.4 84.6



#68  
Hexachlorobenzene  
Concen: 35.788 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:284 Resp: 517512  
Ion Ratio Lower Upper  
284 100  
142 31.4 26.1 39.1  
249 29.8 24.2 36.4

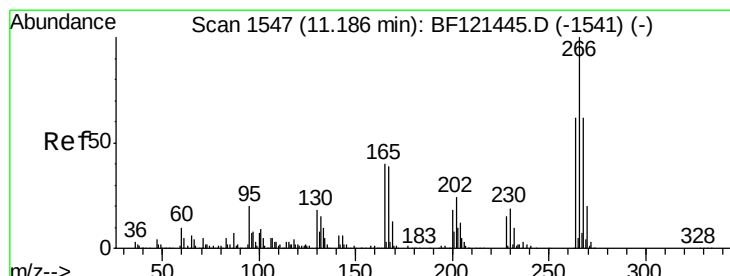
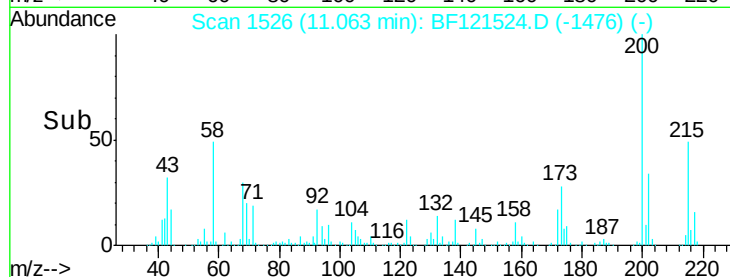
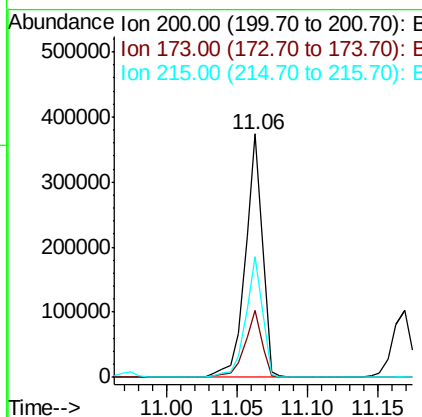
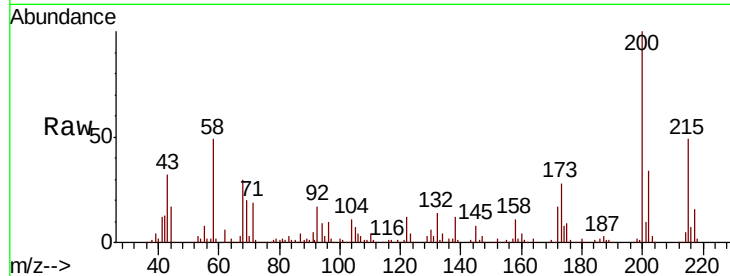




#69  
 Atrazine  
 Concen: 30.447 ng  
 RT: 11.06 min Scan# 1526  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

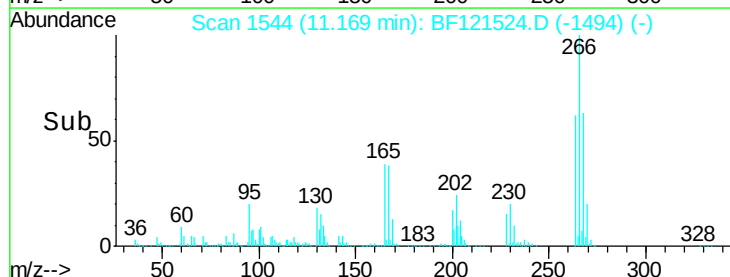
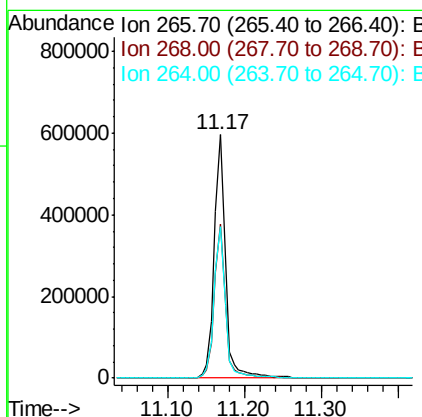
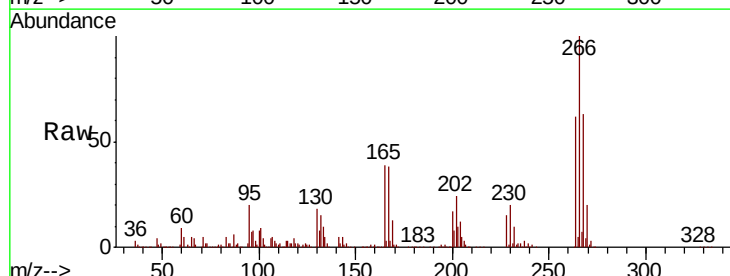
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

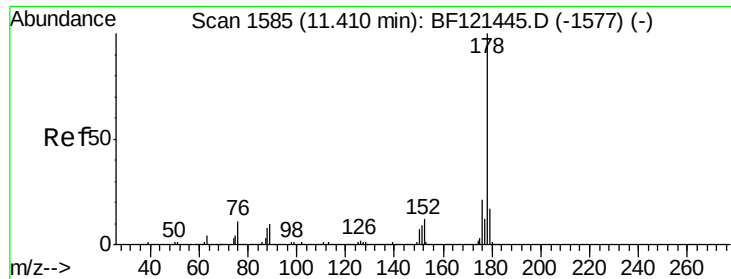
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.5  | 8.0   | 48.0  |
| 215     | 49.5  | 28.1  | 68.1  |



#70  
 Pentachlorophenol  
 Concen: 90.644 ng  
 RT: 11.17 min Scan# 1544  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 51.1  | 76.7  |
| 264     | 62.4  | 50.1  | 75.1  |

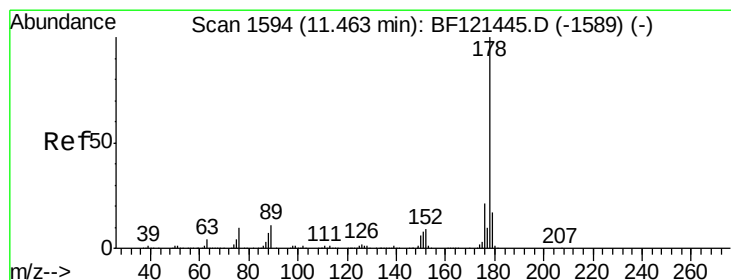
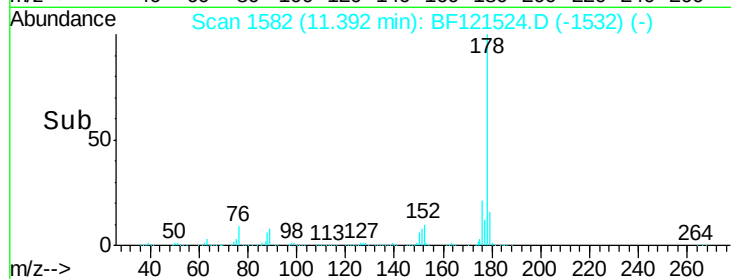
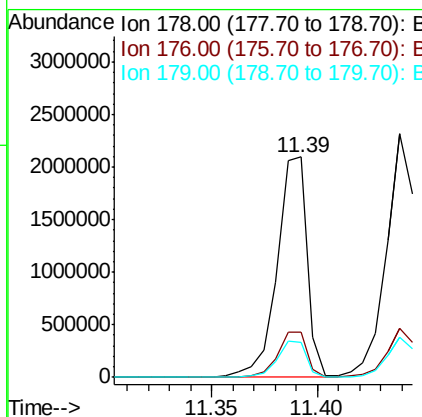
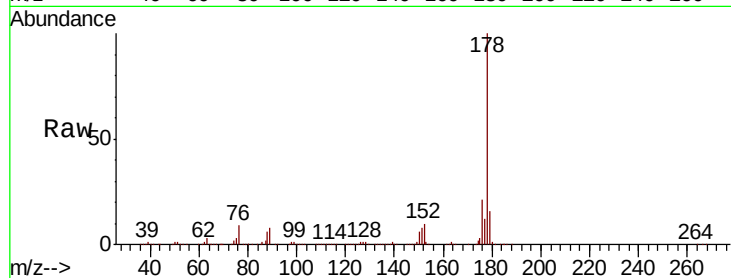




#71  
Phenanthrene  
Concen: 36.099 ng  
RT: 11.39 min Scan# 1582  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

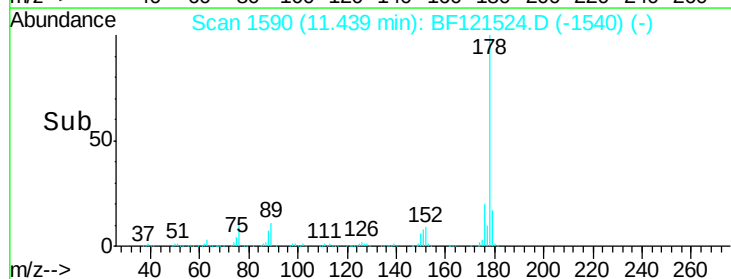
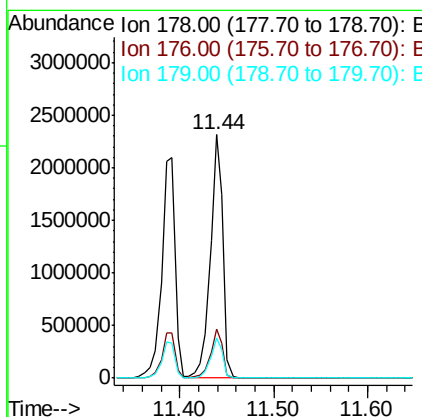
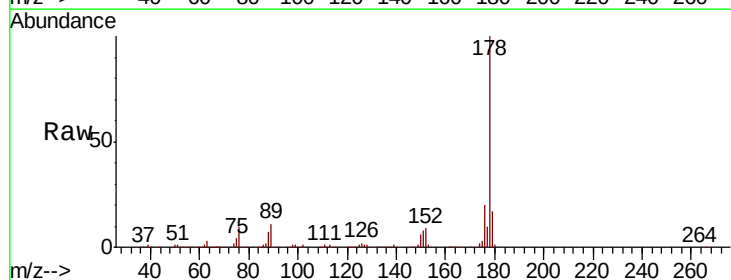
Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

Tot Ion:178 Resp: 2082445  
Ion Ratio Lower Upper  
178 100  
176 20.6 17.0 25.4  
179 15.9 13.2 19.8

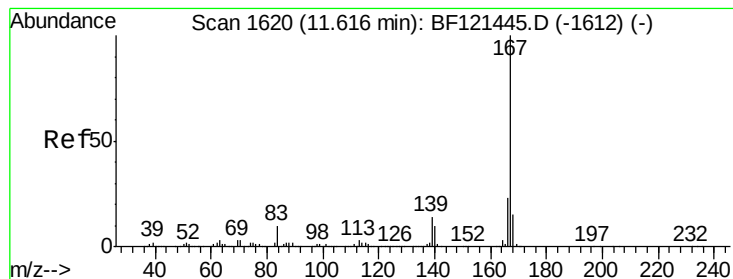


#72  
Anthracene  
Concen: 38.431 ng  
RT: 11.44 min Scan# 1590  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:178 Resp: 2180464  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.2  
179 16.5 13.4 20.0







#73

Carbazole

Concen: 37.739 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampled :

PB131478BS

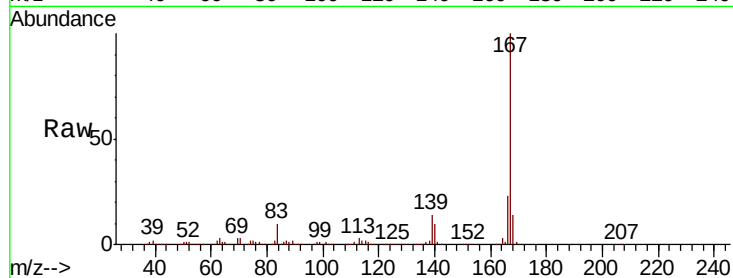
Tot Ion:167 Resp: 2064764

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

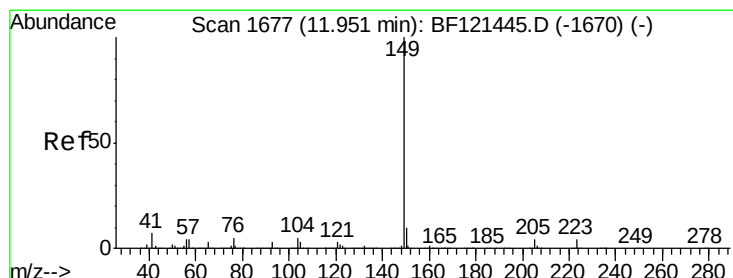
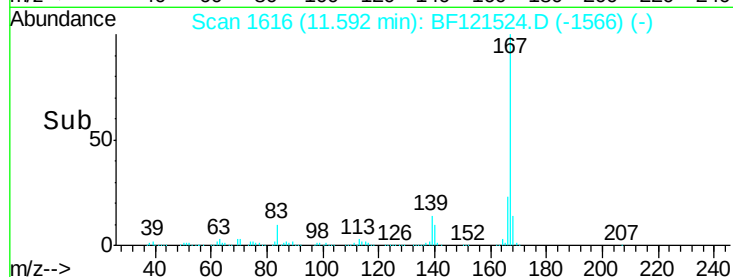
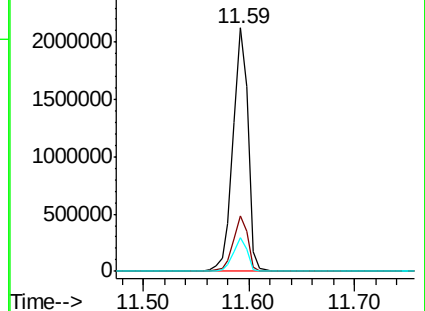
139 13.7 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.450 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

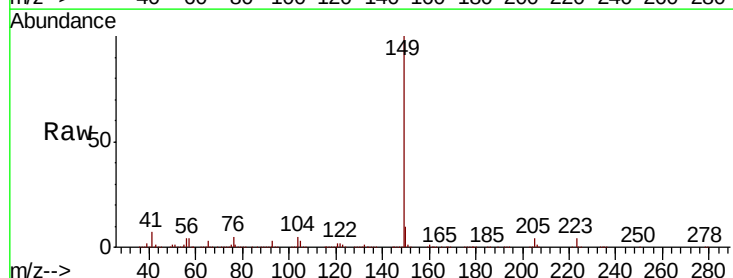
Tgt Ion:149 Resp: 2215419

Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

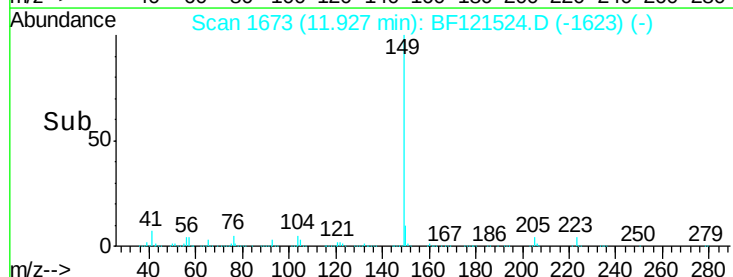
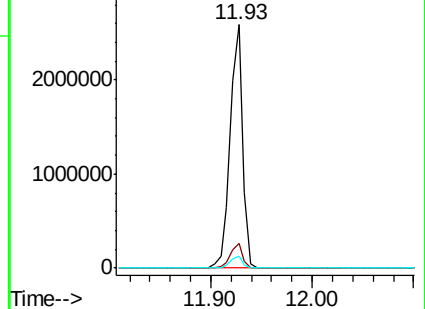
104 4.8 4.0 6.0

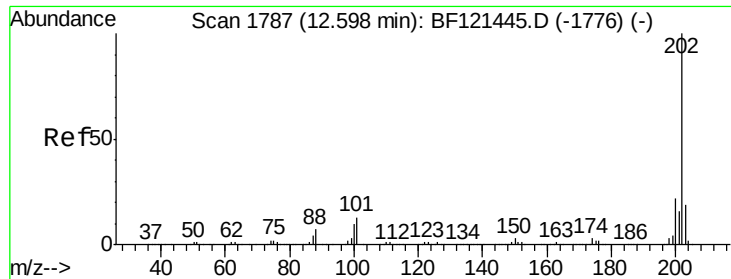


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

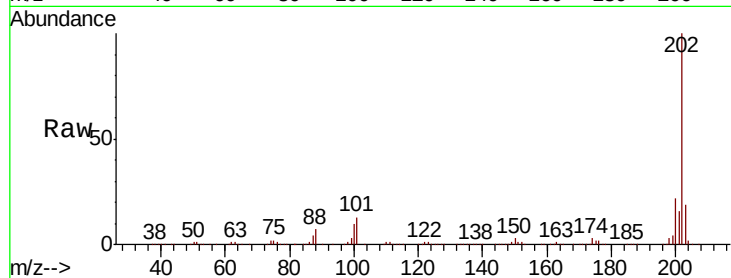




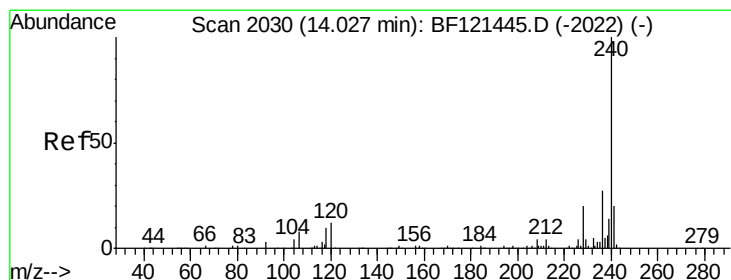
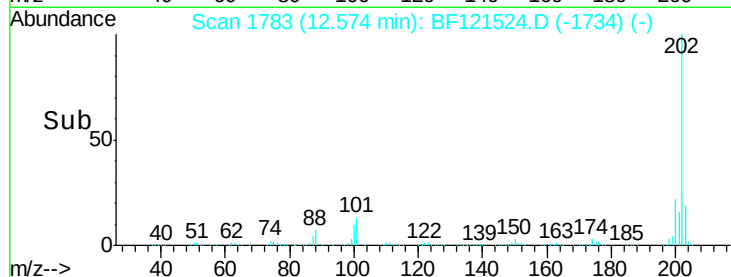
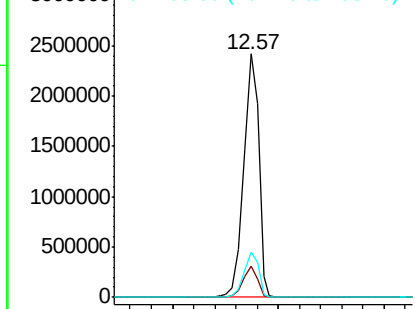
#75  
Fluoranthene  
Concen: 37.935 ng  
RT: 12.57 min Scan# 1783  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

Tot Ion:202 Resp: 2358454  
Ion Ratio Lower Upper  
202 100  
101 13.0 0.0 31.6  
203 18.7 0.0 38.5

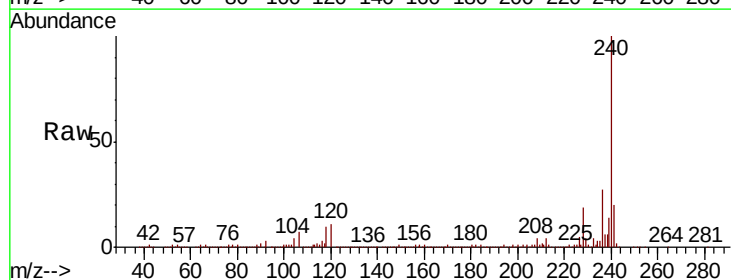


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

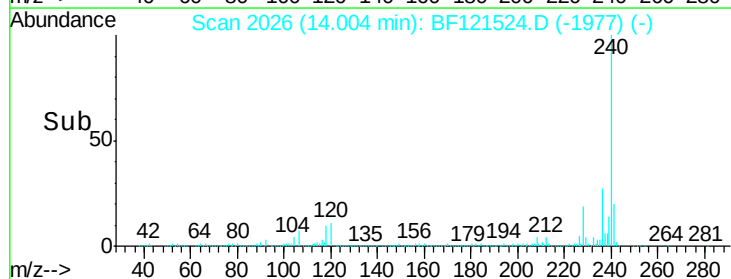
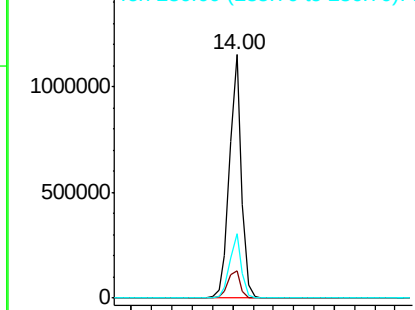


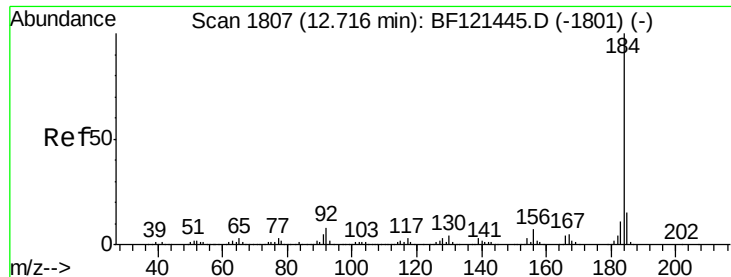
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:240 Resp: 945335  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.0 12.0  
236 26.6 21.4 32.2



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

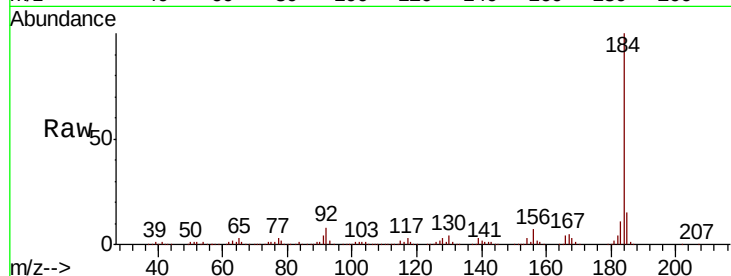




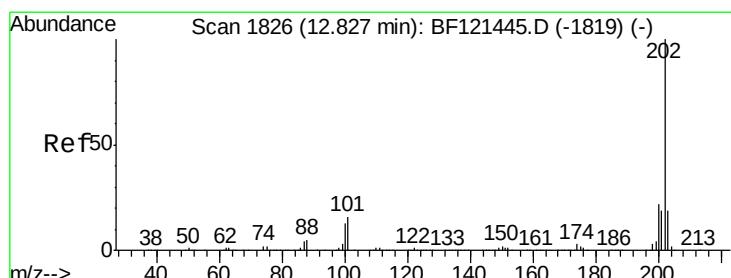
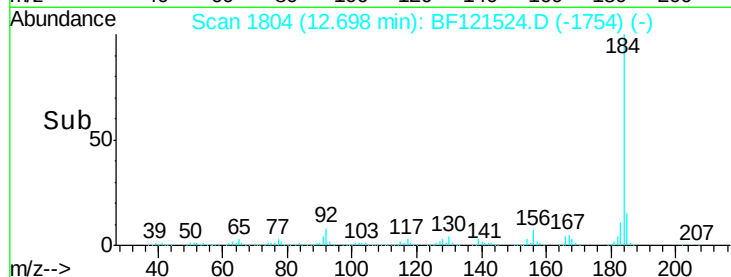
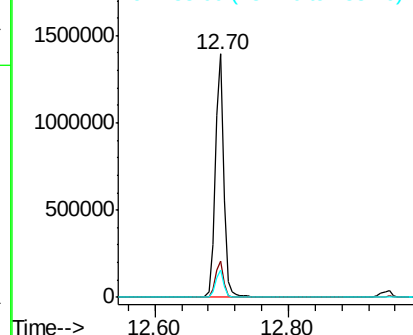
#77  
Benzidine  
Concen: 60.633 ng  
RT: 12.70 min Scan# 1804  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

Tot Ion:184 Resp: 1250081  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.5 17.3  
183 11.2 9.0 13.6

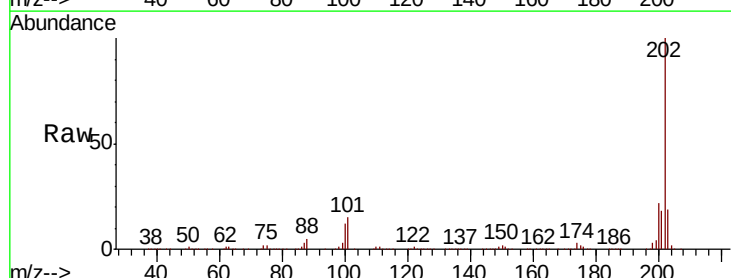


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

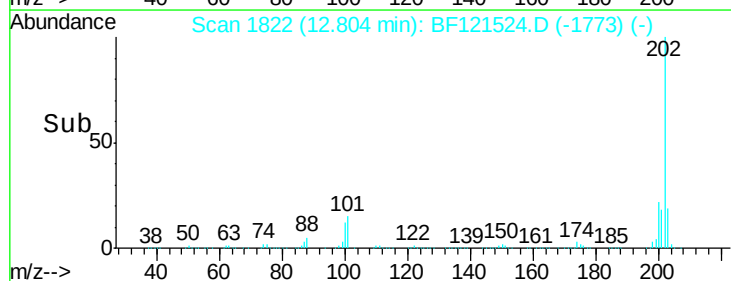
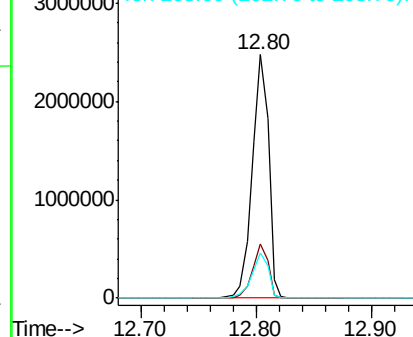


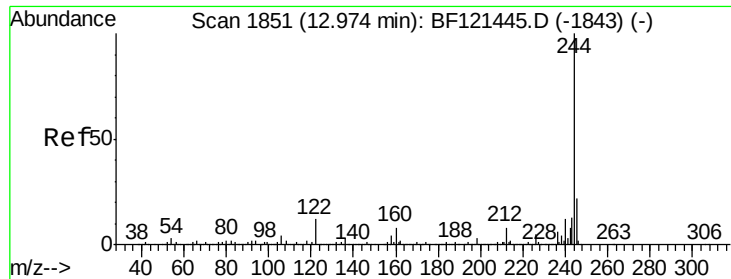
#78  
Pyrene  
Concen: 35.889 ng  
RT: 12.80 min Scan# 1822  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:202 Resp: 2422987  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.7 26.5  
203 18.7 15.0 22.4



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





#79

Terphenyl-d14

Concen: 59.361 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

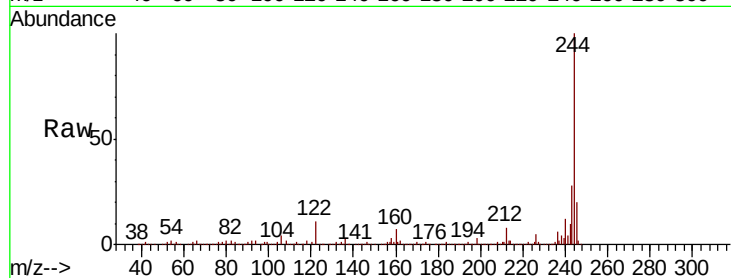
Tot Ion:244 Resp: 2665922

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

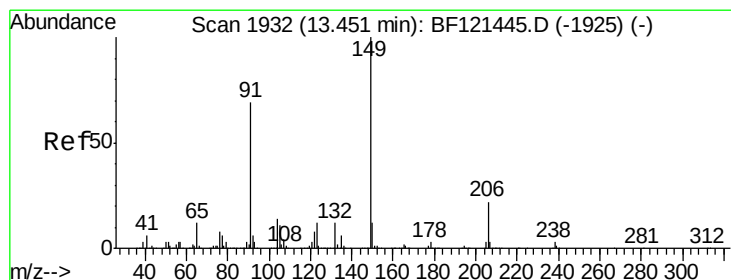
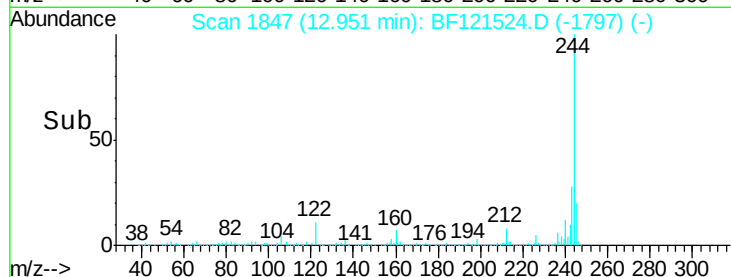
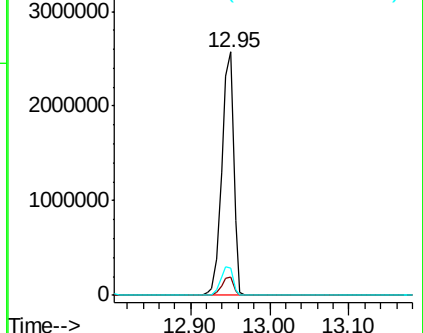
122 11.0 9.3 13.9



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: 38.328 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

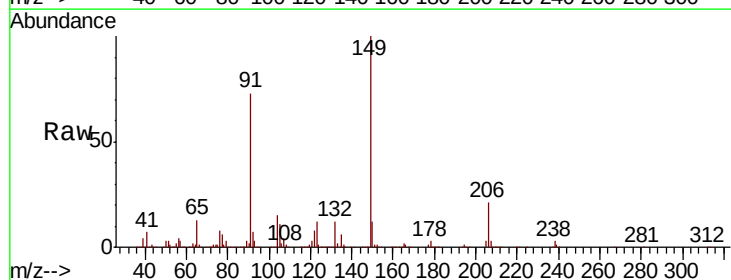
Tgt Ion:149 Resp: 996898

Ion Ratio Lower Upper

149 100

91 73.5 54.9 82.3

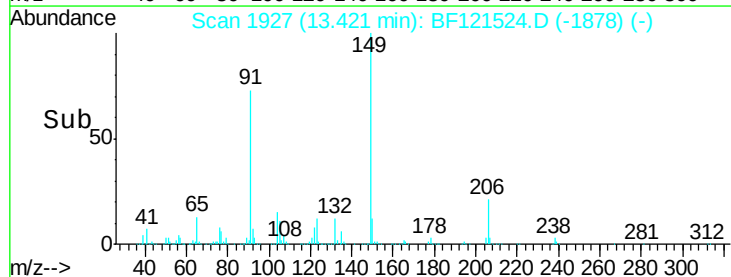
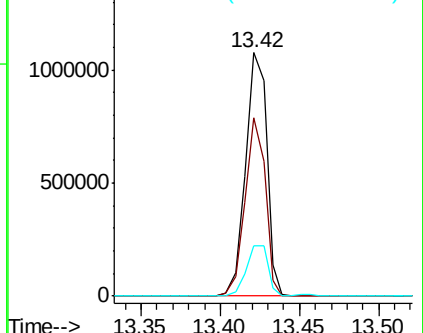
206 20.9 18.0 27.0

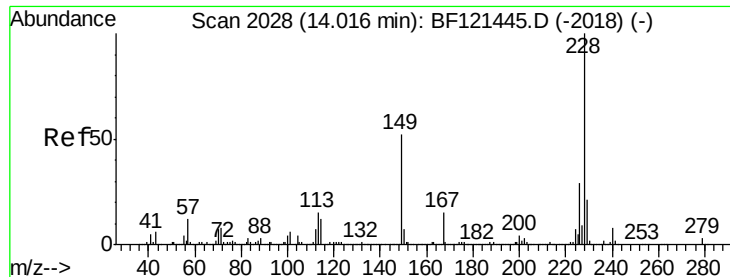


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

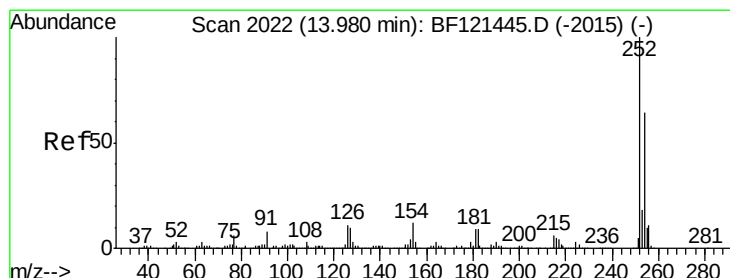
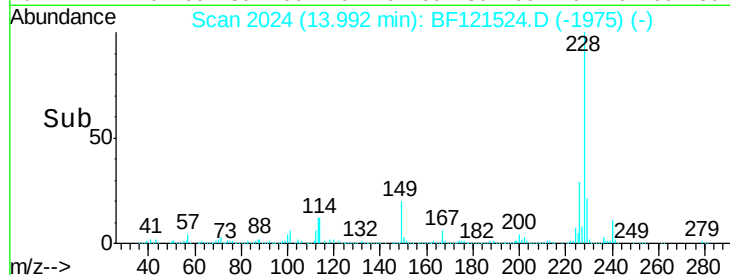
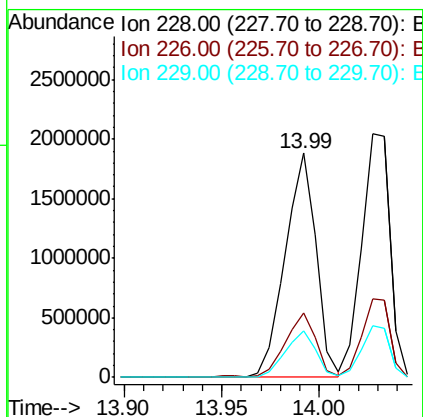
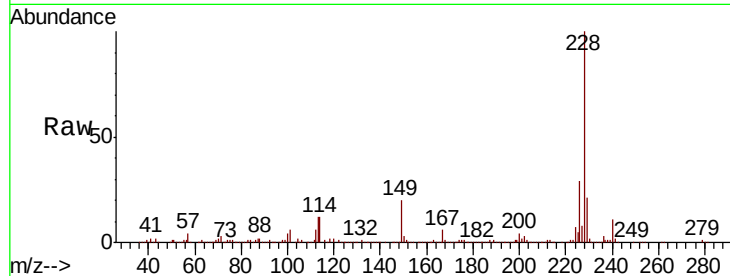




#81  
Benzo(a)anthracene  
Concen: 35.878 ng  
RT: 13.99 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

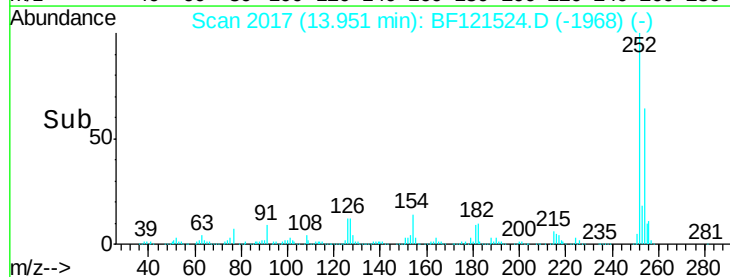
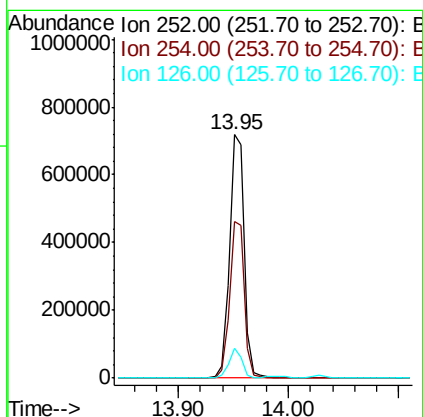
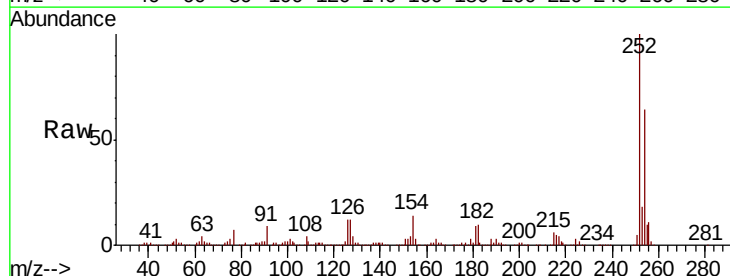
Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

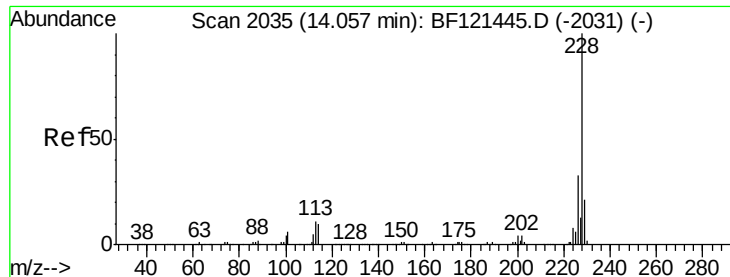
Tot Ion:228 Resp: 2070425  
Ion Ratio Lower Upper  
228 100  
226 28.8 23.3 34.9  
229 20.6 16.4 24.6



#82  
3,3'-Dichlorobenzidine  
Concen: 31.631 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:252 Resp: 668592  
Ion Ratio Lower Upper  
252 100  
254 64.3 50.8 76.2  
126 12.4 9.3 13.9





#83

Chrysene

Concen: 35.977 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

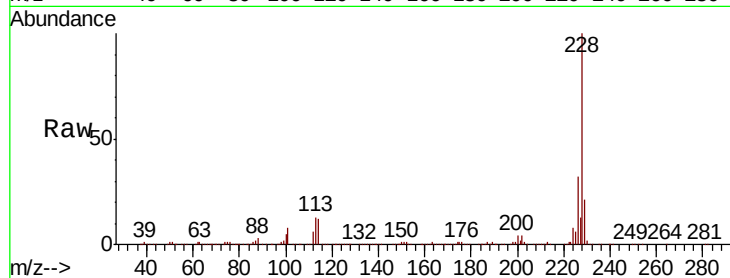
BNA\_F

ClientSampleId :

PB131478BS

Tot Ion:228 Resp: 2077137

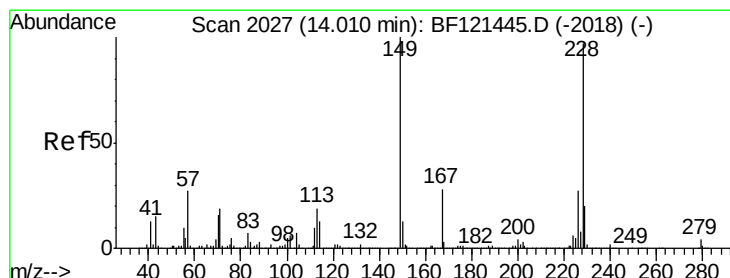
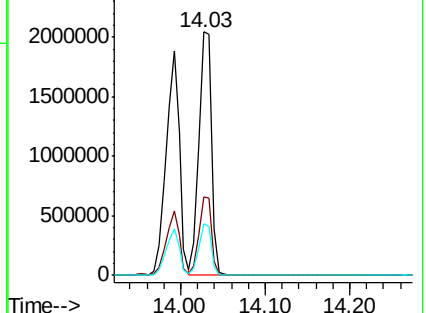
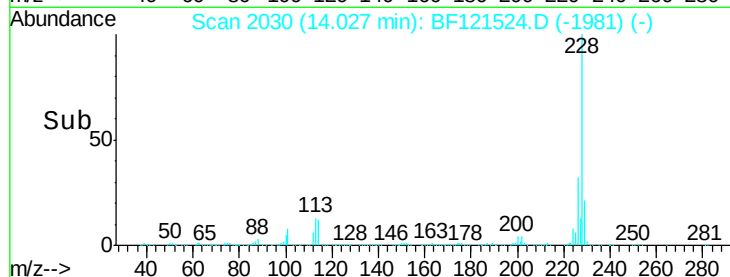
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.4  | 26.5  | 39.7  |
| 229 | 21.1  | 17.1  | 25.7  |



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: 37.758 ng

RT: 13.98 min Scan# 2022

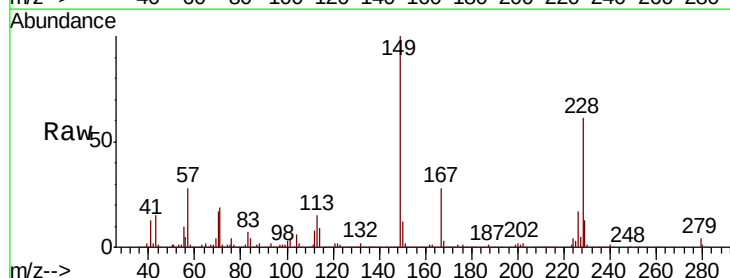
Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Tgt Ion:149 Resp: 1268408

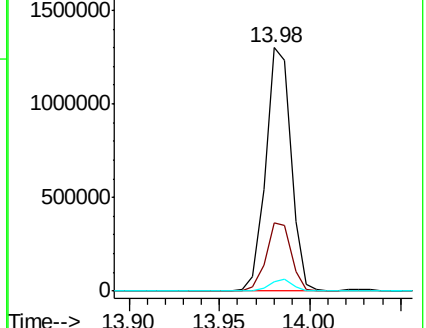
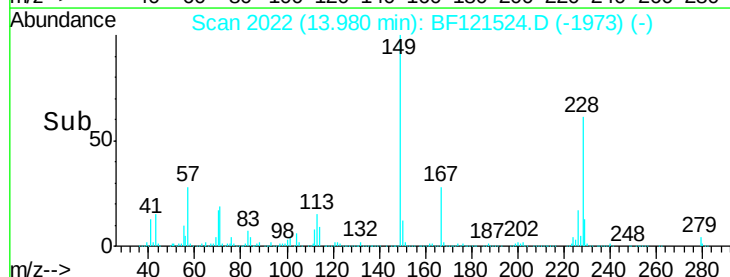
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.9  | 22.9  | 34.3  |
| 279 | 4.0   | 4.0   | 6.0   |

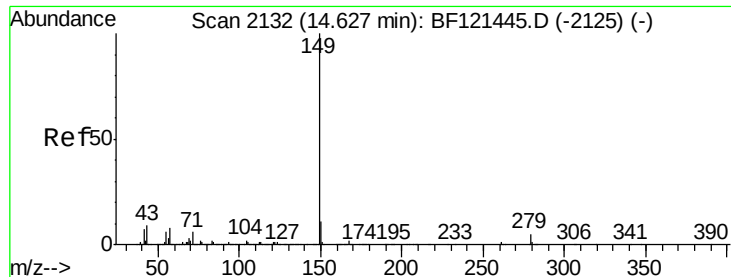


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.119 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

Instrument :

BNA\_F

ClientSampleId :

PB131478BS

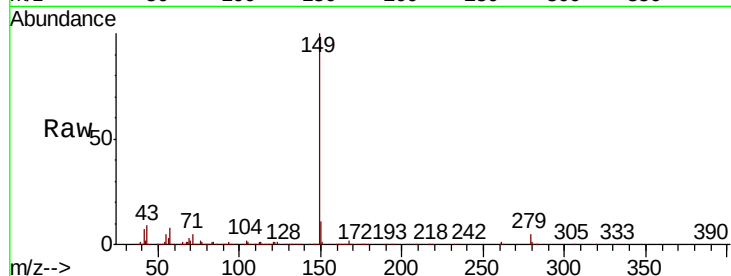
Tot Ion:149 Resp: 2283998

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

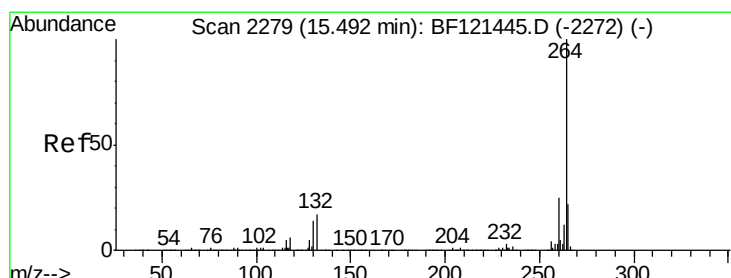
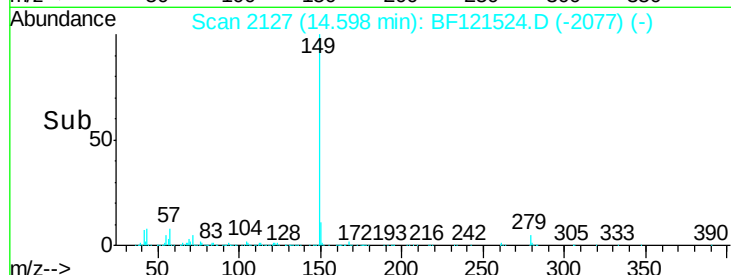
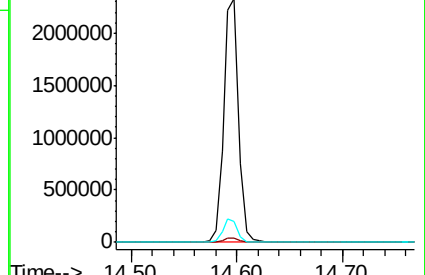
43 9.4 7.8 11.6



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF121524.D

Acq: 8 Sep 2020 16:13

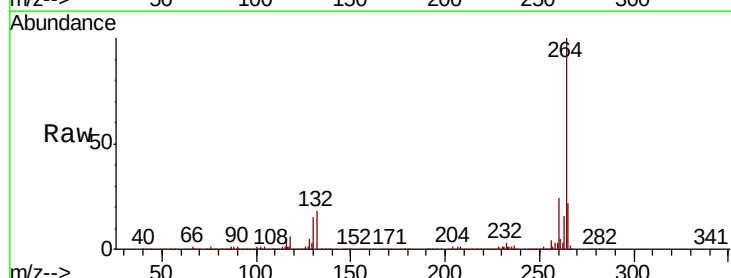
Tgt Ion:264 Resp: 948190

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

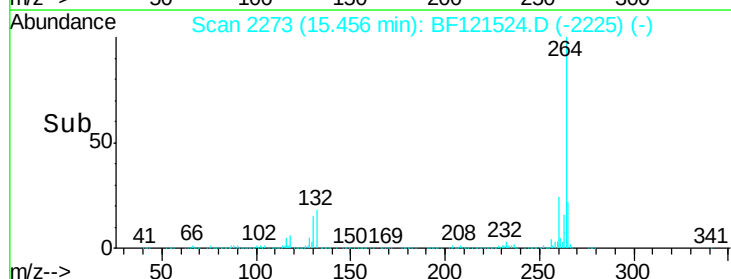
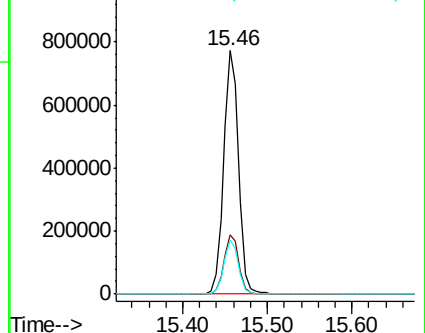
265 22.0 17.4 26.2

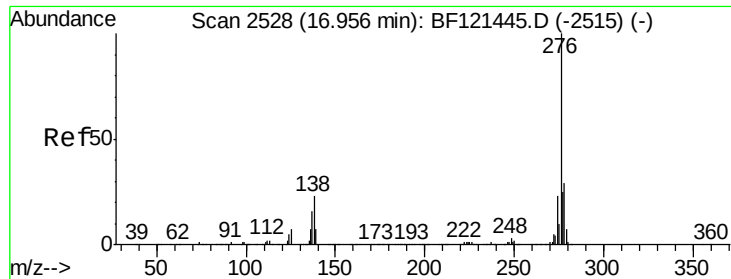


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

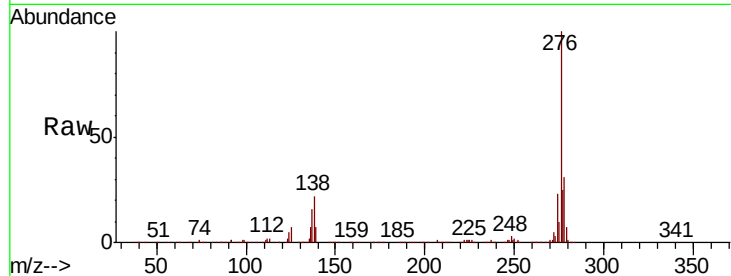




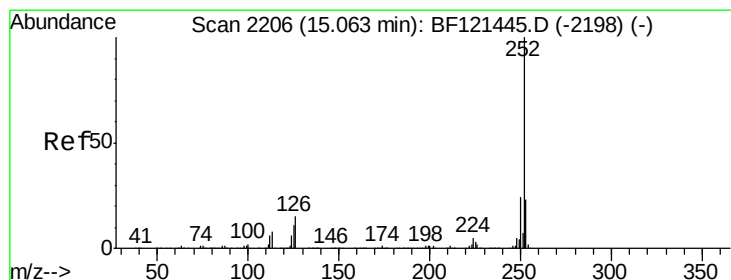
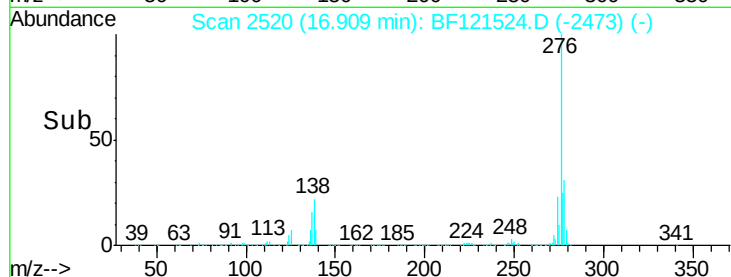
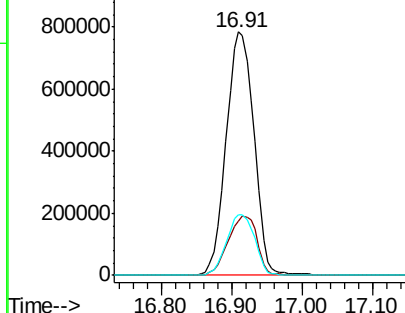
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.787 ng  
 RT: 16.91 min Scan# 2520  
 Delta R.T. -0.02 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB131478BS

Tot Ion:276 Resp: 2146177  
 Ion Ratio Lower Upper  
 276 100  
 138 25.4 20.7 31.1  
 277 25.4 20.4 30.6

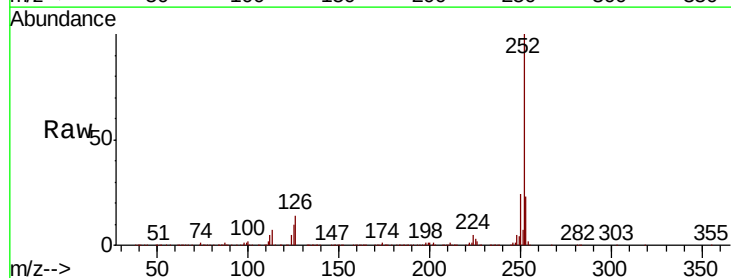


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

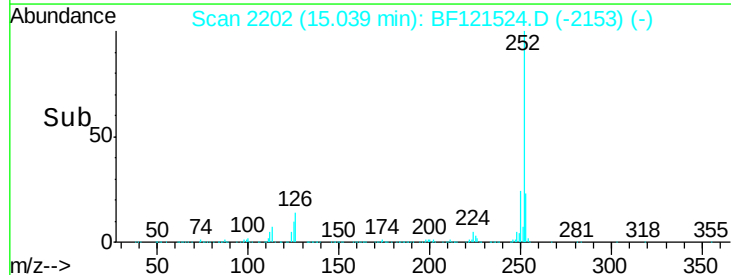
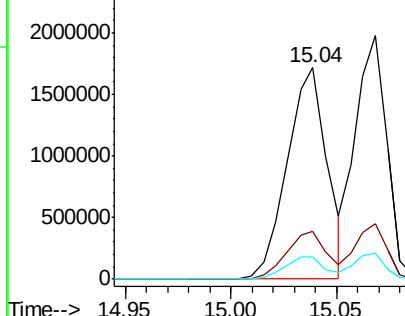


#88  
 Benzo(b)fluoranthene  
 Concen: 36.626 ng  
 RT: 15.04 min Scan# 2202  
 Delta R.T. -0.01 min  
 Lab File: BF121524.D  
 Acq: 8 Sep 2020 16:13

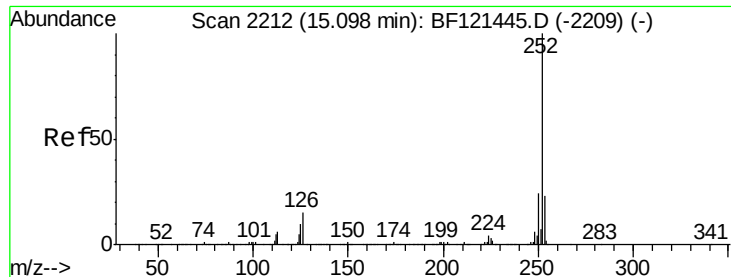
Tgt Ion:252 Resp: 2259067  
 Ion Ratio Lower Upper  
 252 100  
 253 22.8 18.3 27.5  
 125 10.3 8.2 12.2



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



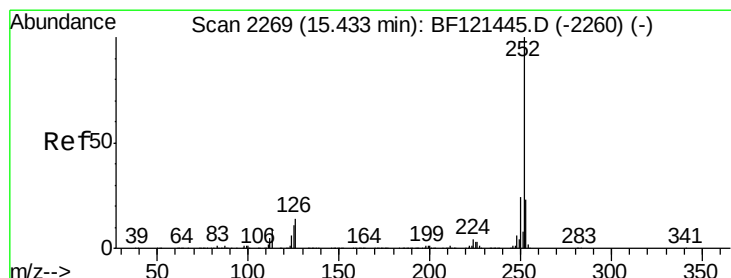
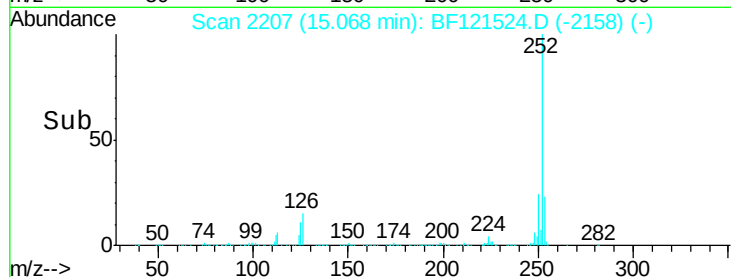
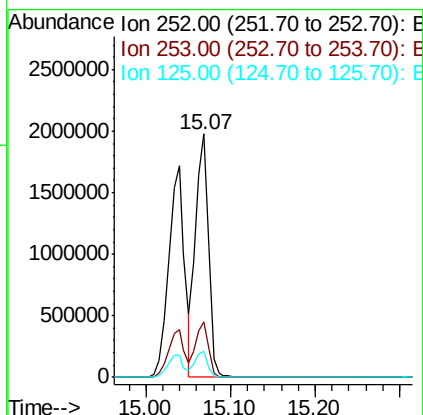
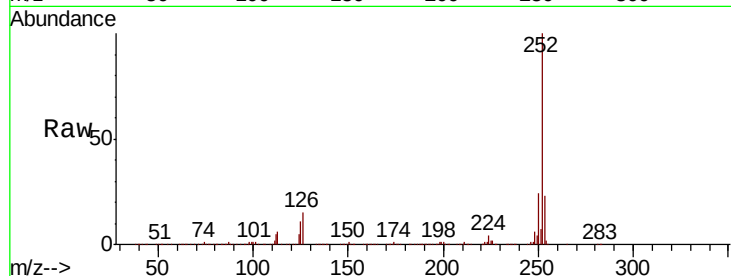




#89  
Benzo(k)fluoranthene  
Concen: 36.109 ng  
RT: 15.07 min Scan# 2207  
Delta R.T. -0.01 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

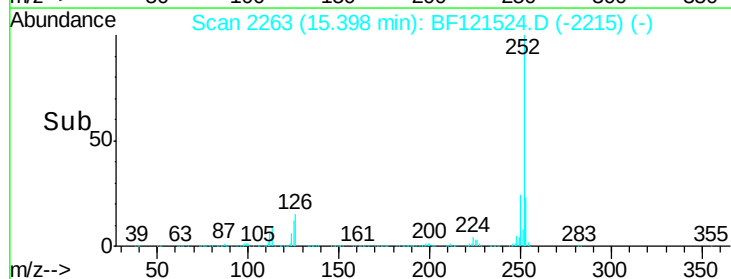
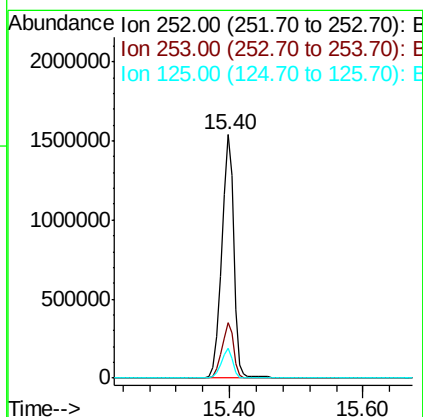
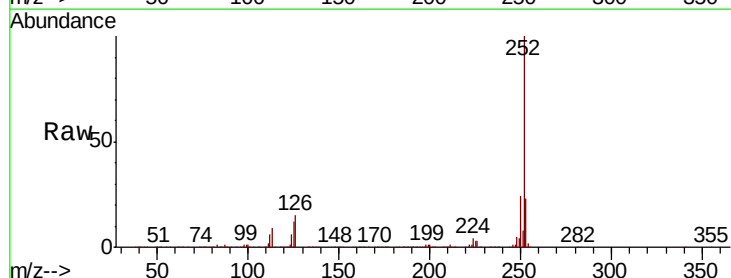
Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

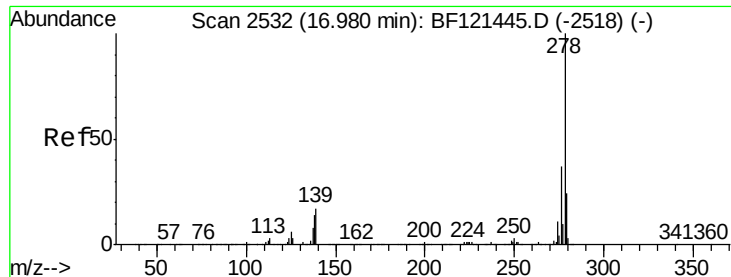
Tot Ion:252 Resp: 2071545  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.3 27.5  
125 10.6 8.6 13.0



#90  
Benzo(a)pyrene  
Concen: 35.541 ng  
RT: 15.40 min Scan# 2263  
Delta R.T. -0.02 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:252 Resp: 1971213  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.4 27.6  
125 12.1 8.8 13.2



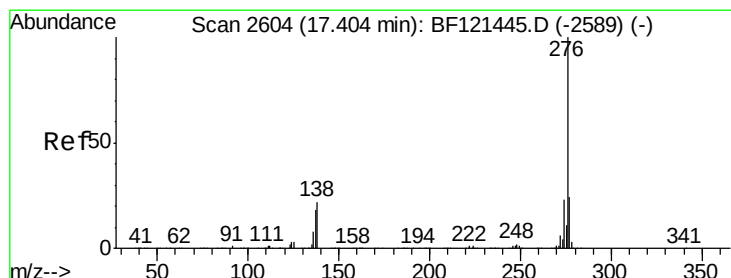
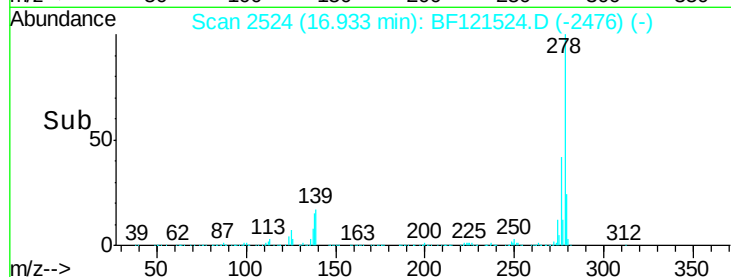
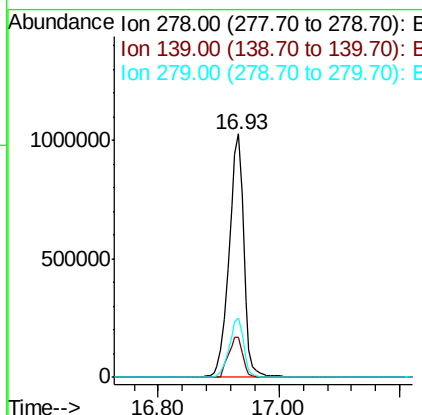
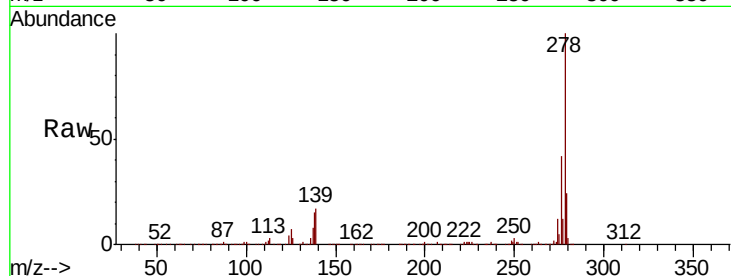


#91  
Dibenzo(a,h)anthracene  
Concen: 36.856 ng  
RT: 16.93 min Scan# 2524  
Delta R.T. -0.02 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Instrument :  
BNA\_F  
ClientSampleId :  
PB131478BS

Tot Ion:278 Resp: 1760108  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.6  | 14.0  | 21.0  |
| 279 | 24.4  | 19.5  | 29.3  |



#92  
Benzo(g,h,i)perylene  
Concen: 38.051 ng  
RT: 17.35 min Scan# 2595  
Delta R.T. -0.02 min  
Lab File: BF121524.D  
Acq: 8 Sep 2020 16:13

Tgt Ion:276 Resp: 1750485  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.6  | 19.3  | 28.9  |
| 138 | 21.9  | 17.8  | 26.6  |

