

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\  
 Data File : BF121405.D  
 Acq On : 24 Aug 2020 18:22  
 Operator : JU/CG  
 Sample : L3773-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

Quant Time: Aug 24 19:17:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 20 04:56:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 133608   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 453679   | 20.00 | ng    | 0.01     |
| 39) Acenaphthene-d10      | 9.75  | 164  | 225448   | 20.00 | ng    | 0.02     |
| 64) Phenanthrene-d10      | 11.23 | 188  | 422551   | 20.00 | ng    | 0.02     |
| 76) Chrysene-d12          | 13.86 | 240  | 334217   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 15.27 | 264  | 351699   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 819512  | 100.58 | ng | 0.01 |
| 7) Phenol-d6             | 6.35  | 99  | 980308  | 94.24  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.27  | 82  | 674010  | 84.02  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.53 | 330 | 238483  | 90.78  | ng | 0.02 |
| 45) 2-Fluorobiphenyl     | 9.06  | 172 | 1074269 | 92.64  | ng | 0.01 |
| 79) Terphenyl-d14        | 12.81 | 244 | 1092561 | 63.88  | ng | 0.01 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.38 | 88  | 157331  | 42.670 | ng | 99     |
| 3) Pyridine                    | 3.08 | 79  | 390083  | 39.418 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.03 | 42  | 191682  | 47.589 | ng | 100    |
| 6) Aniline                     | 6.36 | 93  | 400201  | 33.320 | ng | # 62   |
| 8) 2-Chlorophenol              | 6.49 | 128 | 421930  | 49.544 | ng | 99     |
| 9) Benzaldehyde                | 6.25 | 77  | 248017  | 42.383 | ng | 96     |
| 10) Phenol                     | 6.36 | 94  | 478472  | 43.870 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.43 | 93  | 405614  | 48.288 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146 | 424132  | 44.452 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146 | 421847  | 43.796 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146 | 402566  | 43.887 | ng | 98     |
| 15) Benzyl Alcohol             | 6.85 | 79  | 330991  | 52.886 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.98 | 45  | 529720  | 42.829 | ng | 89     |
| 17) 2-Methylphenol             | 6.97 | 107 | 322715  | 45.926 | ng | 95     |
| 18) Hexachloroethane           | 7.20 | 117 | 157816  | 44.003 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.12 | 70  | 256485  | 45.848 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 384052  | 57.399 | ng | 92     |
| 22) Acetophenone               | 7.11 | 105 | 525435  | 49.538 | ng | 96     |
| 24) Nitrobenzene               | 7.29 | 77  | 404375  | 49.460 | ng | 99     |
| 25) Isophorone                 | 7.53 | 82  | 780645  | 53.475 | ng | 98     |
| 26) 2-Nitrophenol              | 7.60 | 139 | 217936  | 51.975 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.65 | 122 | 351706  | 58.783 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.74 | 93  | 457820  | 46.070 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 339334  | 51.947 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180 | 353659  | 47.344 | ng | 99     |
| 31) Naphthalene                | 8.00 | 128 | 1086004 | 48.097 | ng | 100    |
| 32) Benzoic acid               | 7.65 | 122 | 351706  | 71.183 | ng | # 15   |
| 33) 4-Chloroaniline            | 8.06 | 127 | 318406  | 31.846 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.12 | 225 | 204585  | 46.278 | ng | 98     |
| 35) Caprolactam                | 8.44 | 113 | 48492   | 22.666 | ng | # 54   |
| 36) 4-Chloro-3-methylphenol    | 8.56 | 107 | 326383  | 49.401 | ng | 100    |
| 37) 2-Methylnaphthalene        | 8.70 | 142 | 698095  | 47.701 | ng | 99     |
| 38) 1-Methylnaphthalene        | 8.70 | 142 | 698095  | 50.167 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216 | 299487  | 44.758 | ng | 99     |

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 Sample : L3773-01MS  
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 ALS Vial : 5 Sample Multiplier: 1

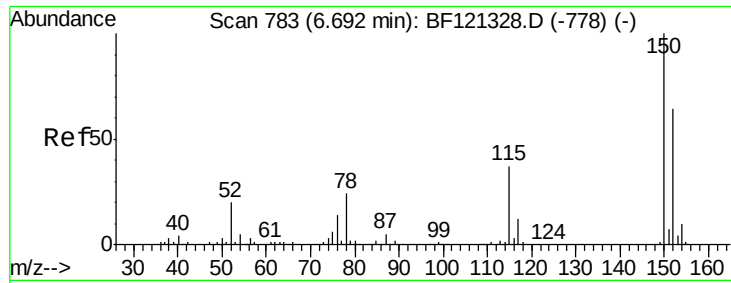
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

Quant Time: Aug 24 19:17:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 20 04:56:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.85  | 237  | 199167   | 75.530 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 8.99  | 196  | 196772   | 43.015 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.03  | 196  | 218410   | 46.408 | ng    | # 92     |
| 46) 1,1'-Biphenyl              | 9.16  | 154  | 622432   | 36.836 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 9.19  | 162  | 561416   | 40.328 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.29  | 65   | 211443   | 48.240 | ng    | 96       |
| 49) Acenaphthylene             | 9.60  | 152  | 966453   | 46.739 | ng    | 99       |
| 50) Dimethylphthalate          | 9.47  | 163  | 651803   | 39.740 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.53  | 165  | 157025   | 44.827 | ng    | 93       |
| 52) Acenaphthene               | 9.78  | 154  | 524578   | 41.753 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.70  | 138  | 151266   | 34.520 | ng    | # 90     |
| 54) 2,4-Dinitrophenol          | 9.82  | 184  | 14188    | 8.402  | ng    | # 68     |
| 55) Dibenzofuran               | 9.95  | 168  | 777513   | 48.961 | ng    | 98       |
| 56) 4-Nitrophenol              | 9.88  | 139  | 228330   | 84.489 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 9.94  | 165  | 177308   | 41.491 | ng    | 93       |
| 58) Fluorene                   | 10.29 | 166  | 580621   | 49.897 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 143600   | 35.693 | ng    | # 70     |
| 60) Diethylphthalate           | 10.17 | 149  | 625232   | 39.037 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 10.28 | 204  | 290706   | 49.593 | ng    | 92       |
| 62) 4-Nitroaniline             | 10.32 | 138  | 186689   | 41.580 | ng    | 92       |
| 63) Azobenzene                 | 10.45 | 77   | 614878   | 41.333 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 10.36 | 198  | 22129    | 9.793  | ng    | # 35     |
| 66) n-Nitrosodiphenylamine     | 10.40 | 169  | 463453   | 35.558 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.77 | 248  | 202504   | 43.204 | ng    | 93       |
| 68) Hexachlorobenzene          | 10.85 | 284  | 213109   | 39.444 | ng    | 99       |
| 69) Atrazine                   | 10.93 | 200  | 185487   | 45.940 | ng    | 98       |
| 70) Pentachlorophenol          | 11.04 | 266  | 90400    | 37.606 | ng    | 99       |
| 71) Phenanthrene               | 11.25 | 178  | 894904   | 40.921 | ng    | 99       |
| 72) Anthracene                 | 11.30 | 178  | 924743   | 43.911 | ng    | 99       |
| 73) Carbazole                  | 11.46 | 167  | 875809   | 43.576 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.79 | 149  | 987881   | 40.761 | ng    | 100      |
| 75) Fluoranthene               | 12.44 | 202  | 1062847  | 44.776 | ng    | 98       |
| 77) Benzidine                  | 12.56 | 184  | 661342   | 71.823 | ng    | 98       |
| 78) Pyrene                     | 12.67 | 202  | 1094379  | 43.591 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.28 | 149  | 511878   | 47.451 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.85 | 228  | 893394   | 43.037 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 154814   | 19.424 | ng    | 98       |
| 83) Chrysene                   | 13.89 | 228  | 917600   | 43.220 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 643747   | 50.744 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 14.45 | 149  | 1070233  | 45.586 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 16.65 | 276  | 1031949  | 48.068 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 14.87 | 252  | 867618   | 38.185 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.90 | 252  | 823351   | 41.166 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 792416   | 40.363 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.66 | 278  | 833293   | 47.340 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.07 | 276  | 914996   | 53.172 | ng    | 99       |

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



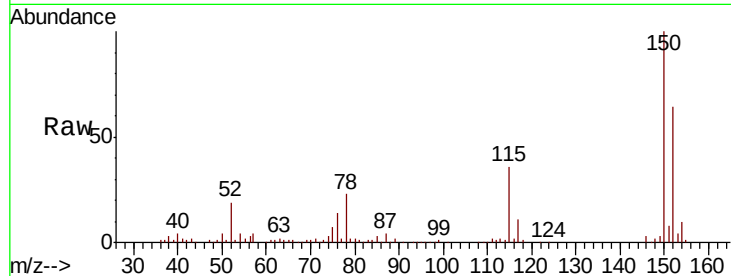


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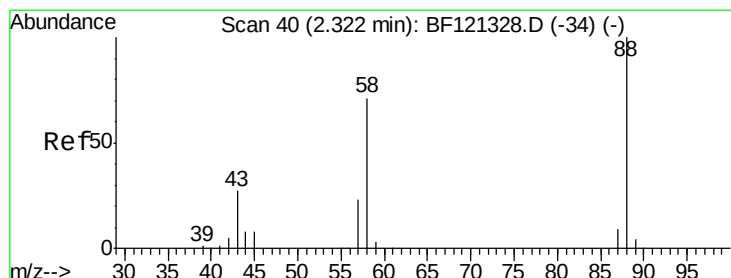
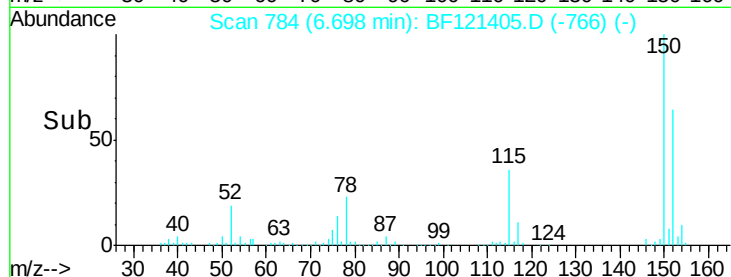
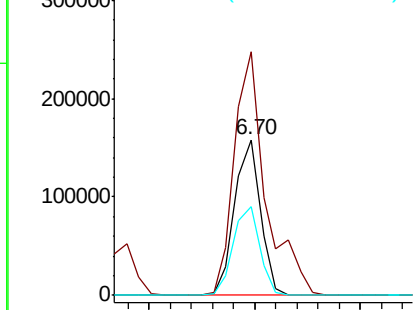
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.70 min Scan# 784  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

| Tot Ion   | 152   | Resp  | 133608 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 156.3 | 124.8 | 187.2  |
| 115       | 56.9  | 46.1  | 69.1   |



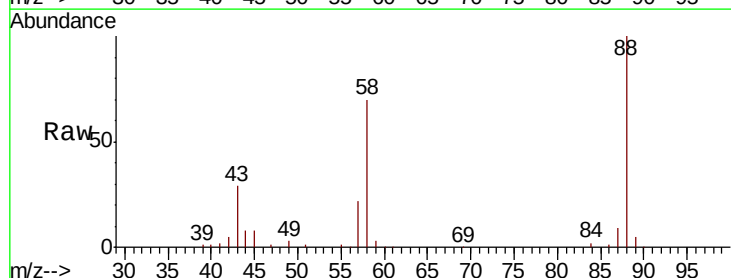
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



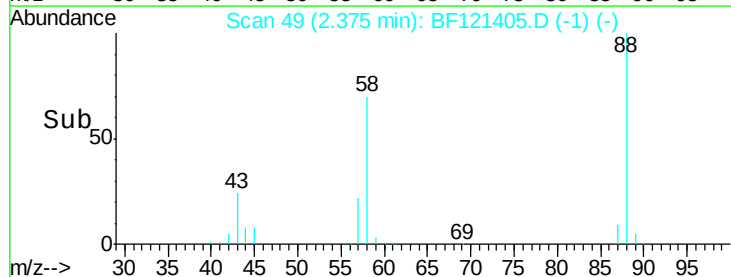
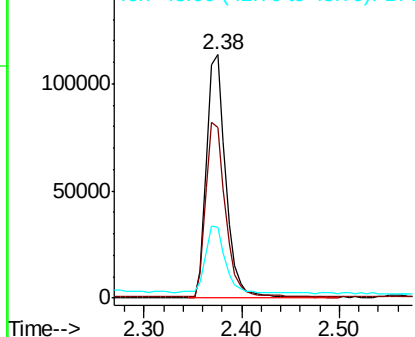
#2

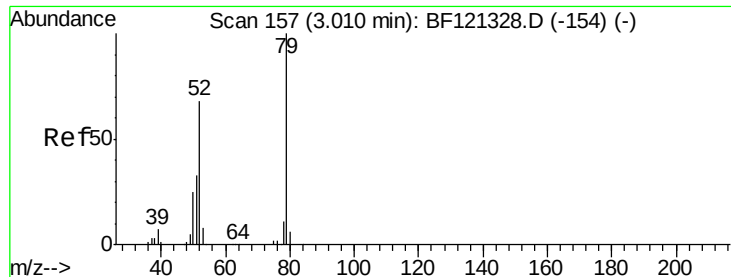
1,4-Dioxane  
Concen: 42.670 ng  
RT: 2.38 min Scan# 49  
Delta R.T. 0.05 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

| Tgt Ion   | 88    | Resp  | 157331 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 72.6  | 58.5  | 87.7   |
| 43        | 27.8  | 21.8  | 32.8   |



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: 39.418 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.06 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

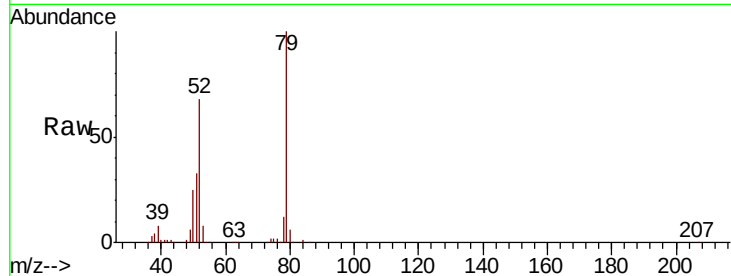
Tot Ion: 79 Resp: 390083

Ion Ratio Lower Upper

79 100

52 68.2 54.6 82.0

51 33.3 27.0 40.6



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

200000

150000

100000

50000

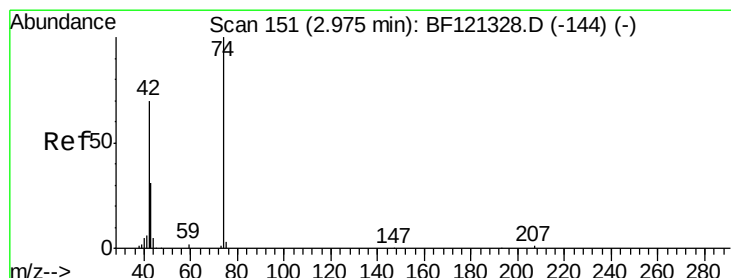
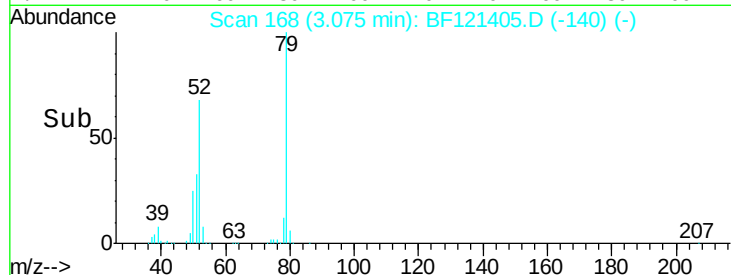
0

3.08

3.20

3.40

Time-->



#4

n-Nitrosodimethylamine

Concen: 47.589 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.05 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

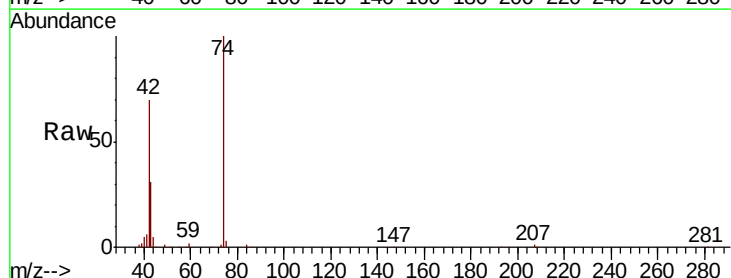
Tgt Ion: 42 Resp: 191682

Ion Ratio Lower Upper

42 100

74 142.2 114.2 171.2

44 7.0 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

150000

100000

50000

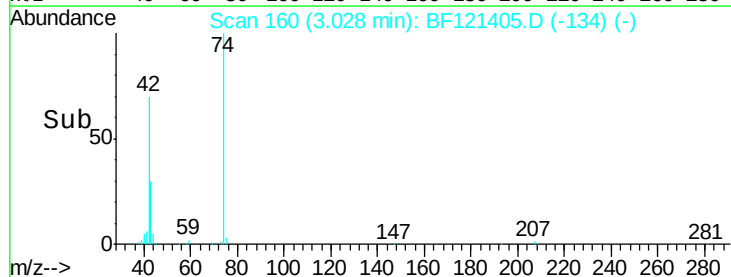
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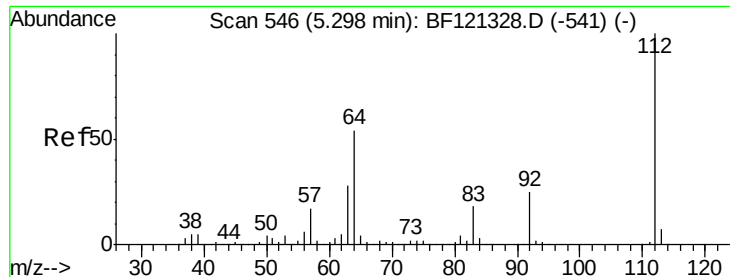
3.03

3.10

3.20

Time-->





#5

2-Fluorophenol

Concen: 100.576 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

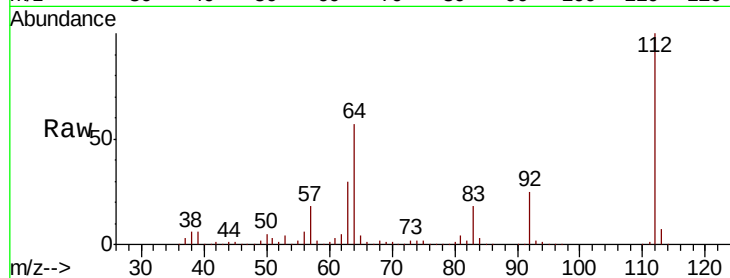
Tot Ion:112 Resp: 819512

Ion Ratio Lower Upper

112 100

64 56.8 43.5 65.3

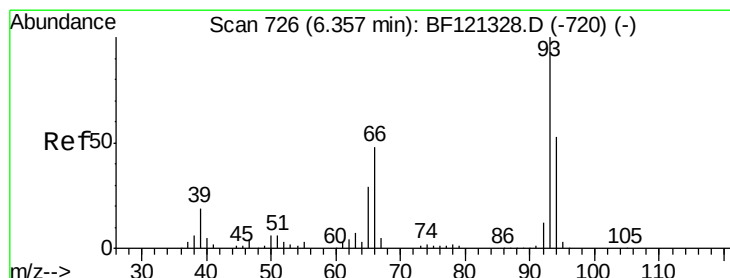
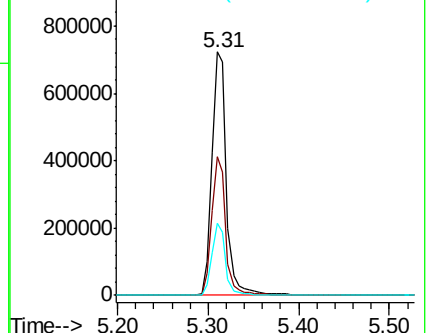
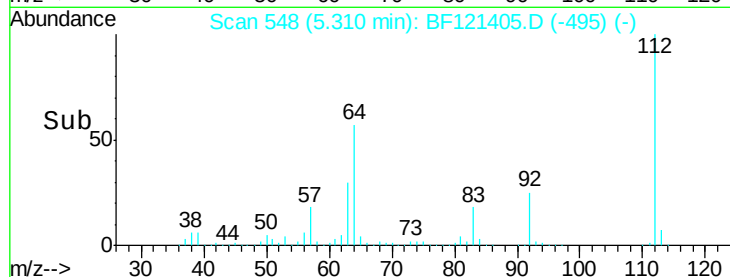
63 29.7 22.0 33.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.320 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

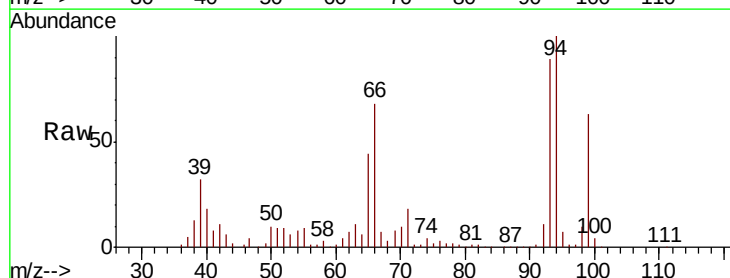
Tgt Ion: 93 Resp: 400201

Ion Ratio Lower Upper

93 100

66 77.0 40.2 60.2#

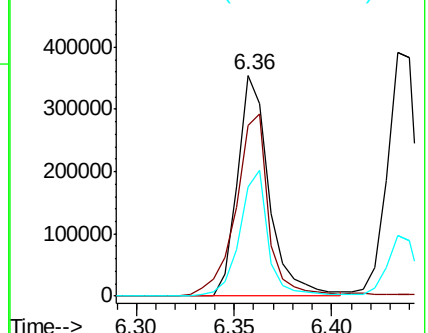
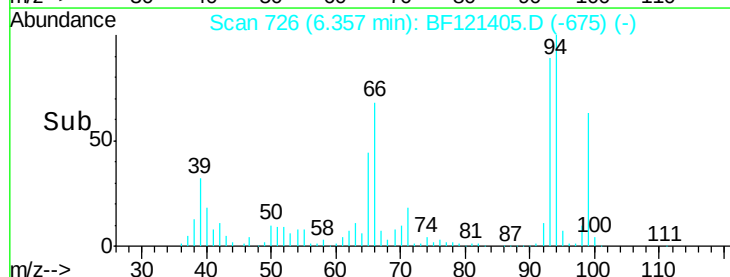
65 49.6 23.6 35.4#

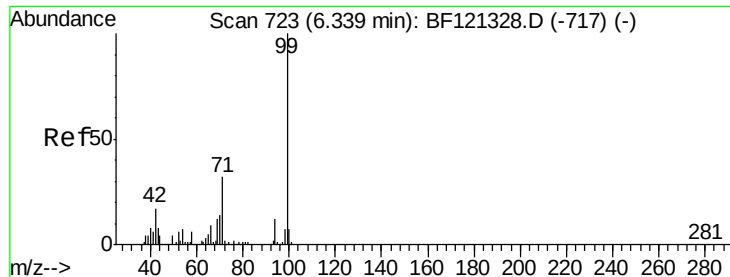


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.244 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

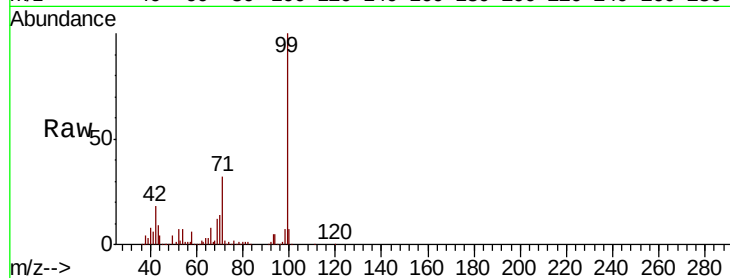
Tot Ion: 99 Resp: 980308

Ion Ratio Lower Upper

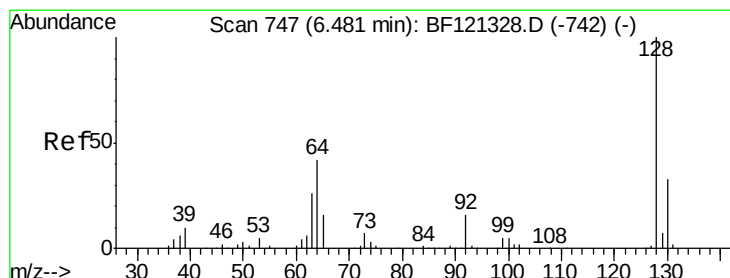
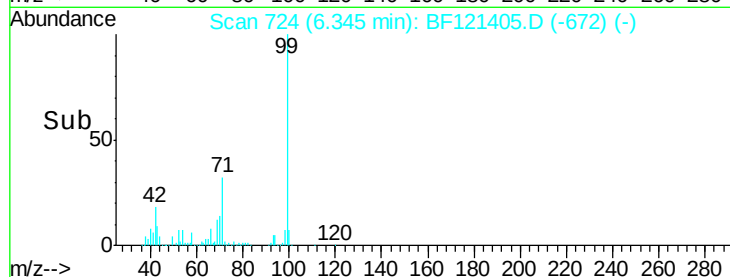
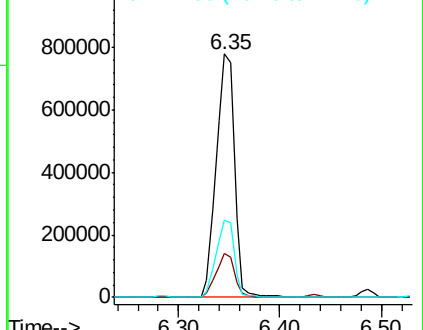
99 100

42 17.8 13.5 20.3

71 31.9 25.2 37.8



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: 49.544 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

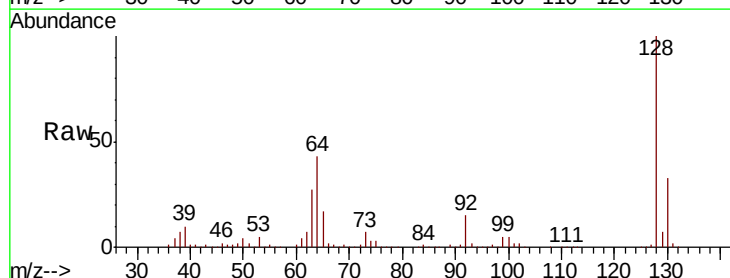
Tgt Ion: 128 Resp: 421930

Ion Ratio Lower Upper

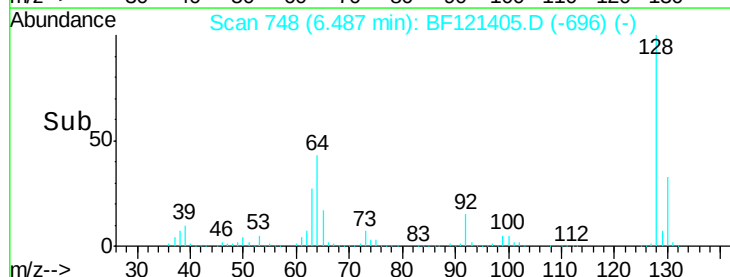
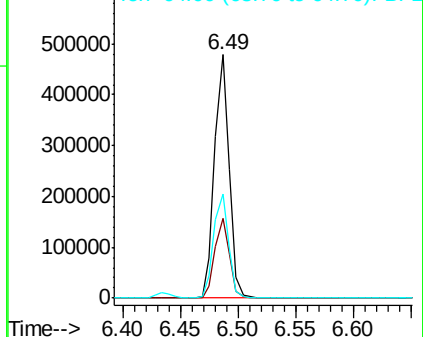
128 100

130 32.6 12.8 52.8

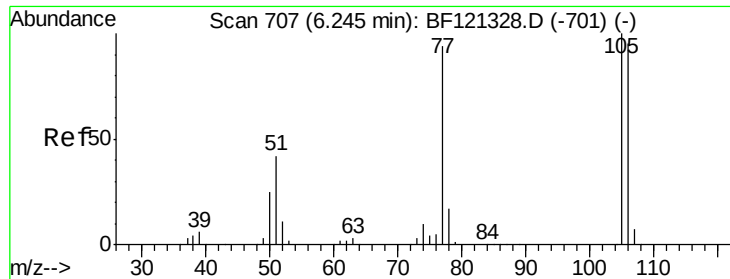
64 42.7 23.4 63.4



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







#9

Benzaldehyde

Concen: 42.383 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

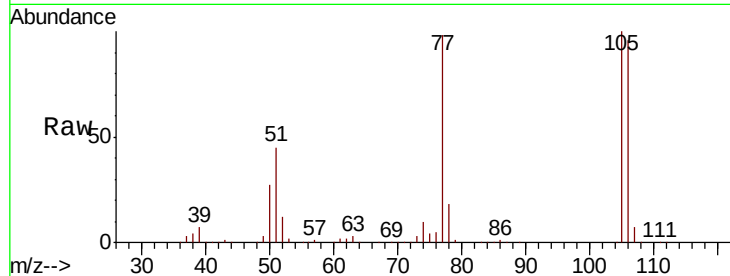
Tot Ion: 77 Resp: 248017

Ion Ratio Lower Upper

77 100

105 102.3 86.3 126.3

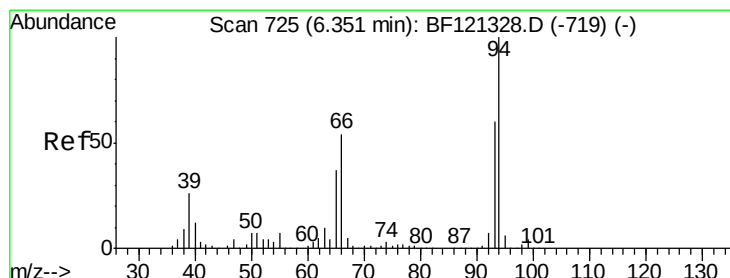
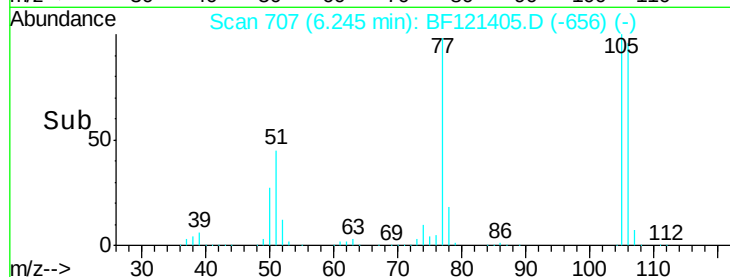
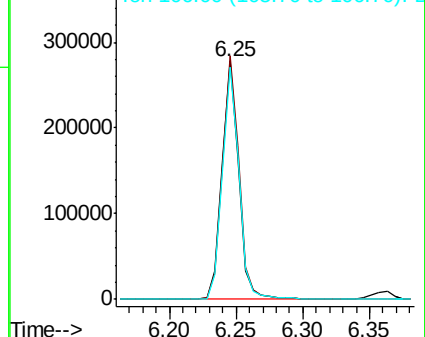
106 97.7 81.2 121.2



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: 43.870 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

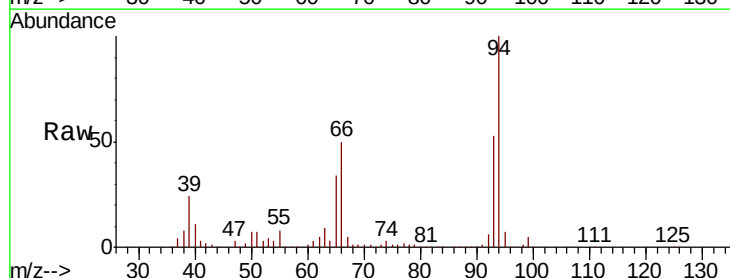
Tgt Ion: 94 Resp: 478472

Ion Ratio Lower Upper

94 100

65 34.2 16.6 56.6

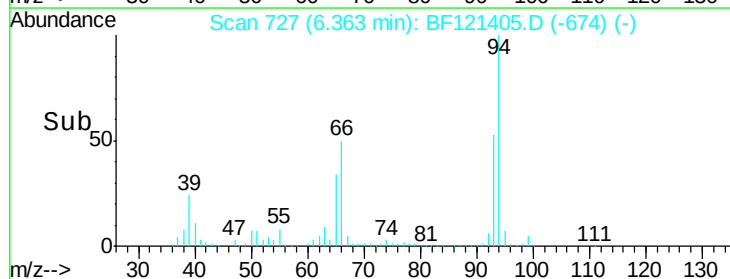
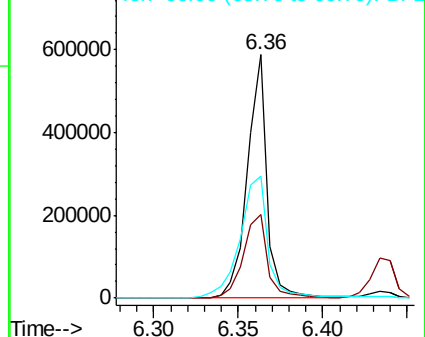
66 49.9 34.3 74.3



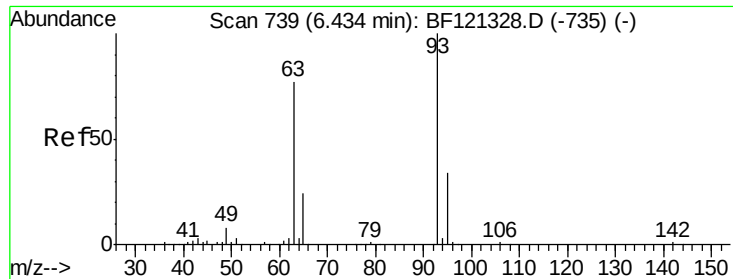
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



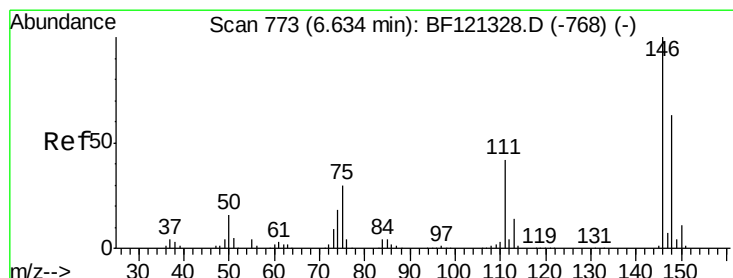
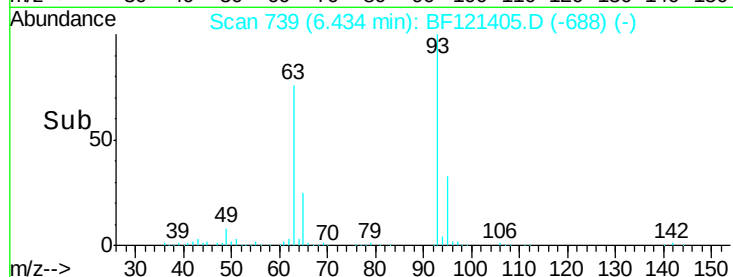
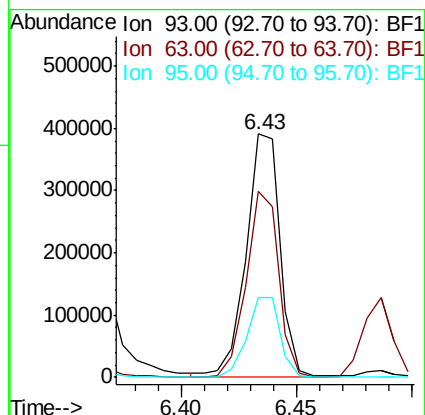
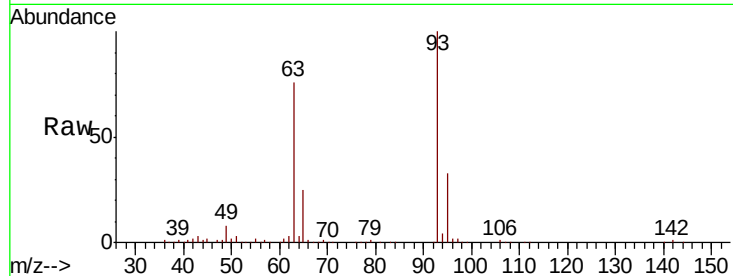




#11  
bis(2-Chloroethyl)ether  
Concen: 48.288 ng  
RT: 6.43 min Scan# 739  
Delta R.T. 0.00 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

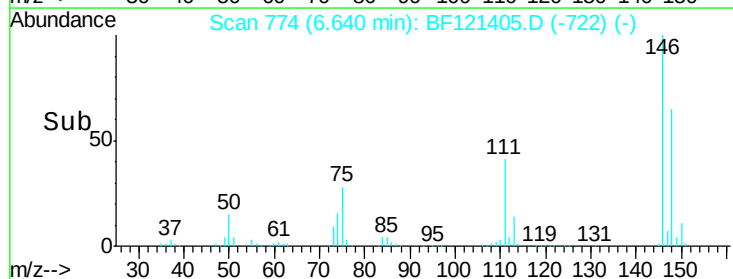
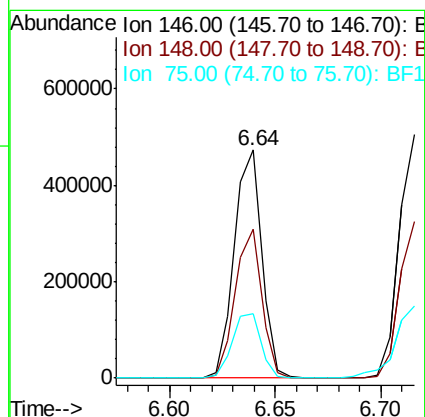
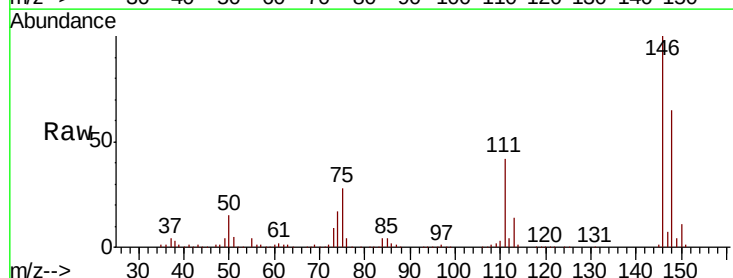
Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

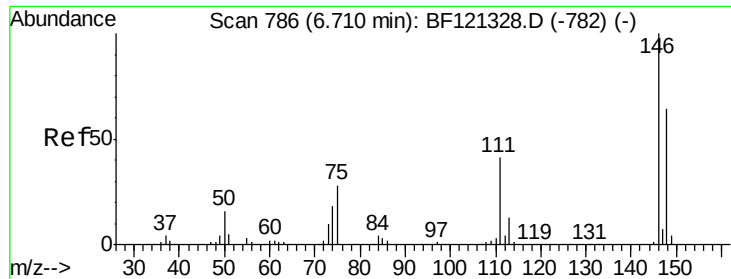
Tot Ion: 93 Resp: 405614  
Ion Ratio Lower Upper  
93 100  
63 76.3 56.4 96.4  
95 32.7 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 44.452 ng  
RT: 6.64 min Scan# 774  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion: 146 Resp: 424132  
Ion Ratio Lower Upper  
146 100  
148 65.2 50.7 76.1  
75 28.3 23.8 35.6

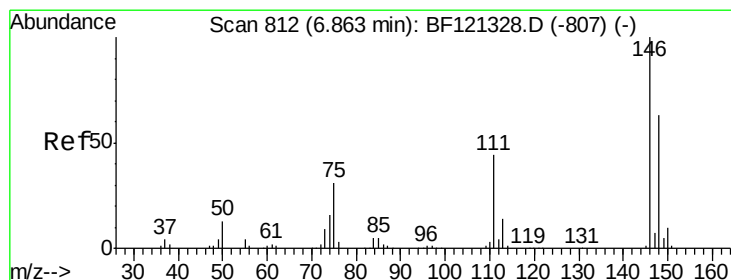
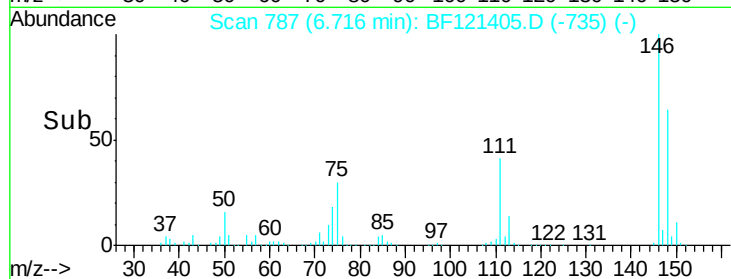
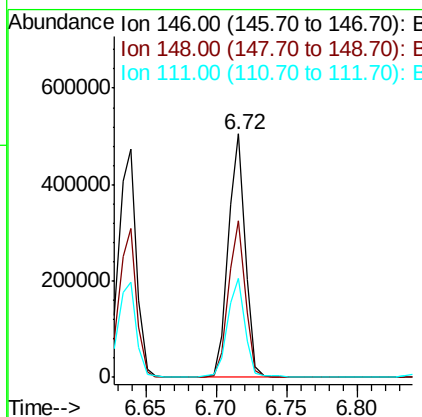
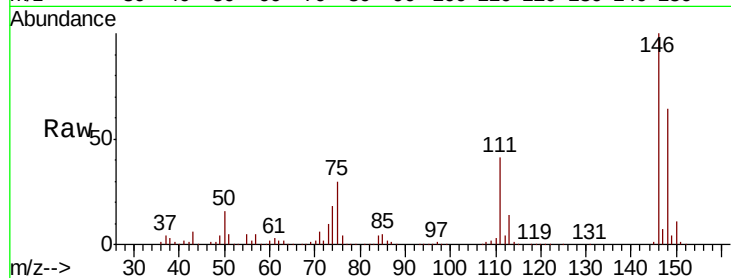




#13  
 1,4-Dichlorobenzene  
 Concen: 43.796 ng  
 RT: 6.72 min Scan# 787  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

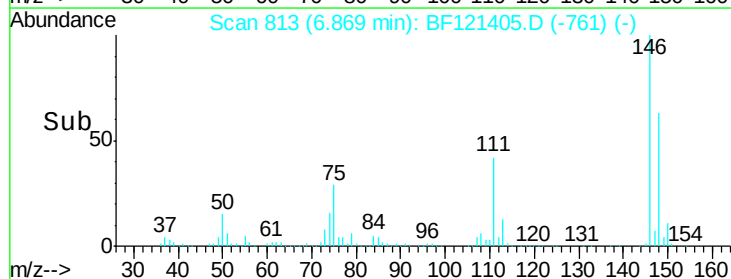
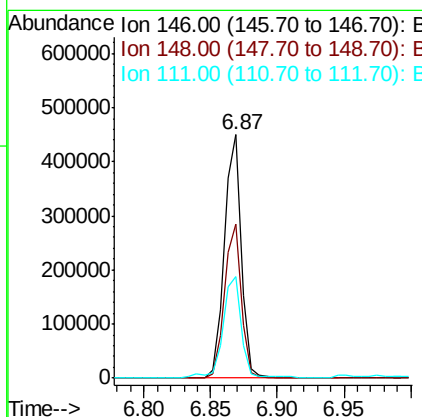
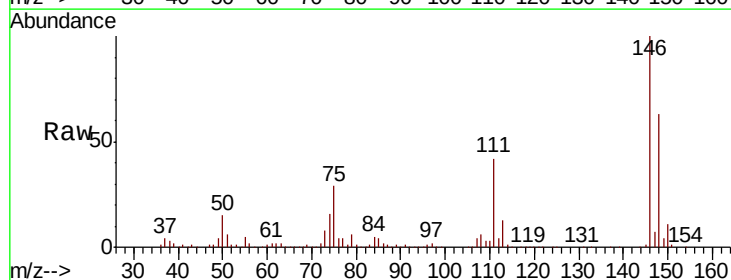
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

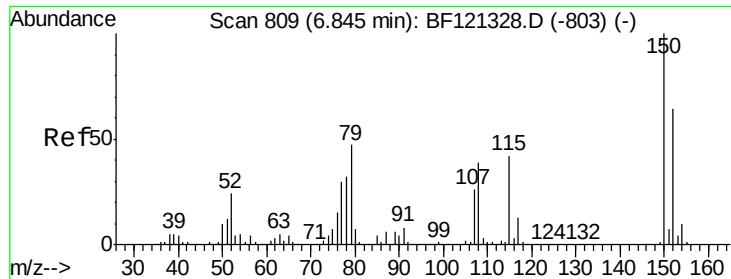
Tot Ion:146 Resp: 421847  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 51.2 76.8  
 111 40.6 33.3 49.9



#14  
 1,2-Dichlorobenzene  
 Concen: 43.887 ng  
 RT: 6.87 min Scan# 813  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion:146 Resp: 402566  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 50.3 75.5  
 111 41.9 35.5 53.3

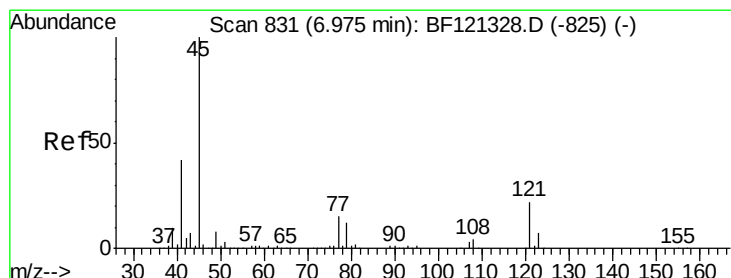
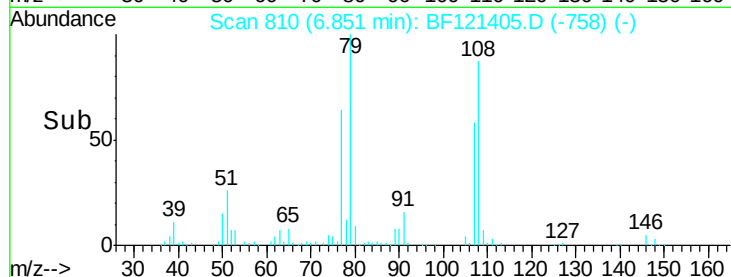
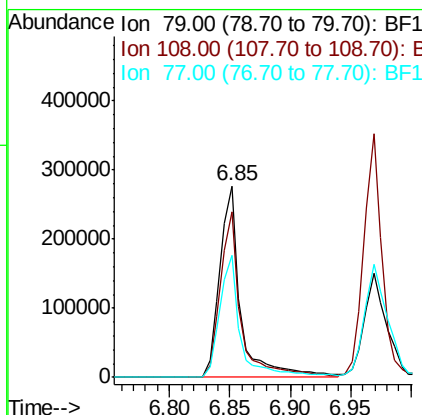
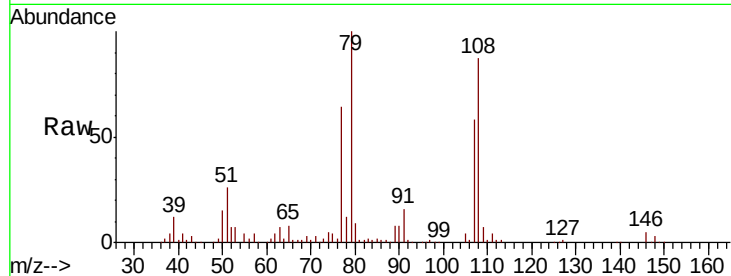




#15  
Benzyl Alcohol  
Concen: 52.886 ng  
RT: 6.85 min Scan# 810  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

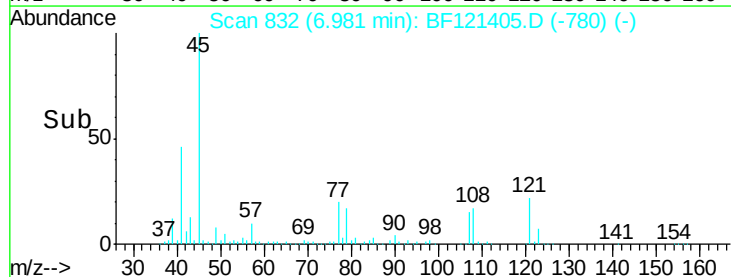
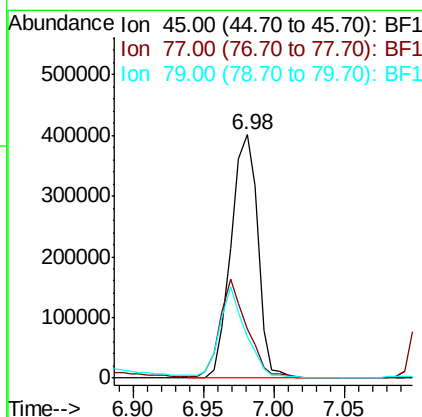
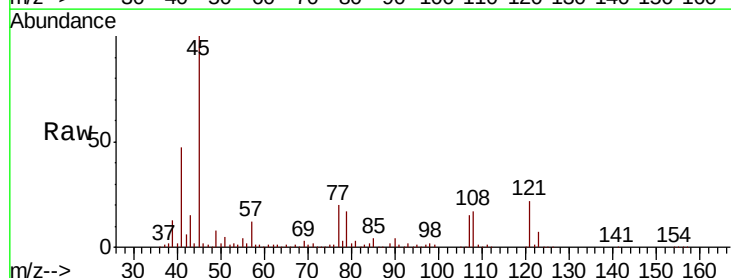
Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

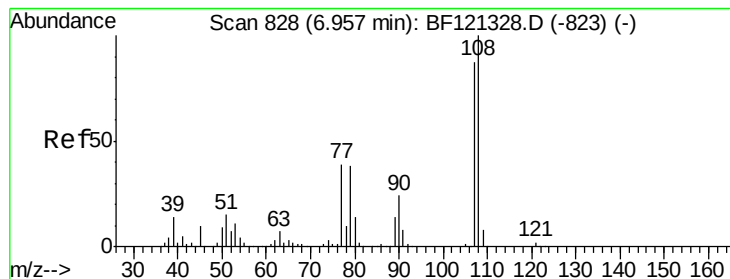
Tot Ion: 79 Resp: 330991  
Ion Ratio Lower Upper  
79 100  
108 86.7 65.2 97.8  
77 63.5 51.4 77.0



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.829 ng  
RT: 6.98 min Scan# 832  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion: 45 Resp: 529720  
Ion Ratio Lower Upper  
45 100  
77 20.3 0.0 35.6  
79 16.9 0.0 32.5





#17

2-Methylphenol

Concen: 45.926 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

Tot Ion:107 Resp: 322715

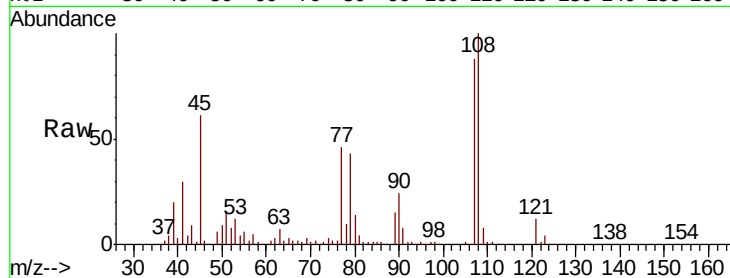
Ion Ratio Lower Upper

107 100

108 114.3 92.4 138.6

77 52.9 36.1 54.1

79 49.1 35.0 52.6

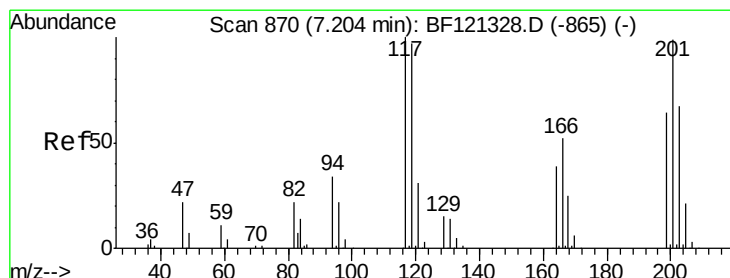
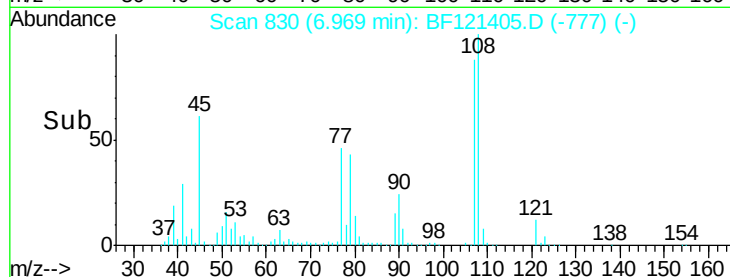
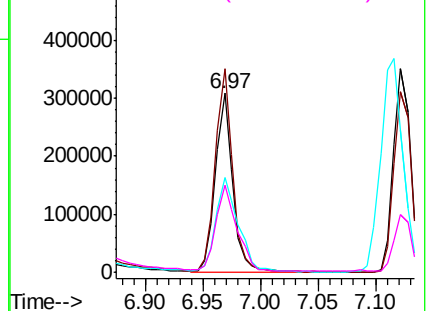


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.003 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

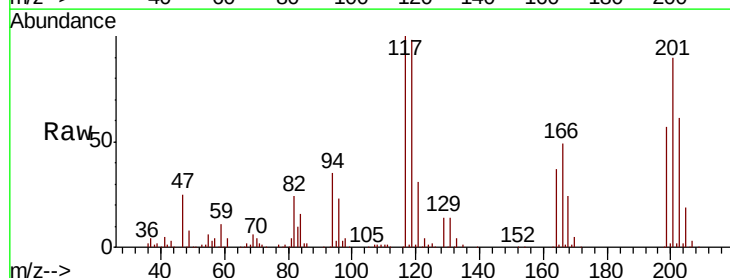
Tgt Ion:117 Resp: 157816

Ion Ratio Lower Upper

117 100

119 97.8 77.9 116.9

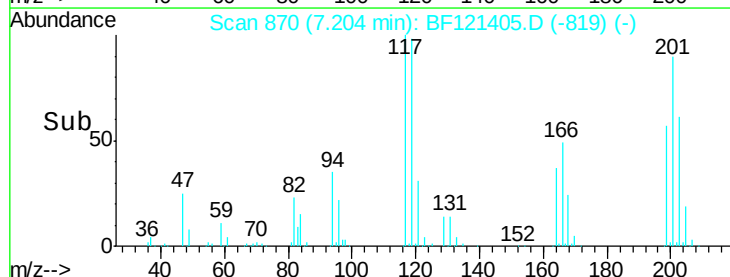
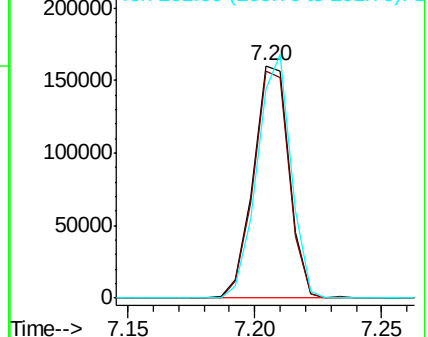
201 89.7 79.4 119.0

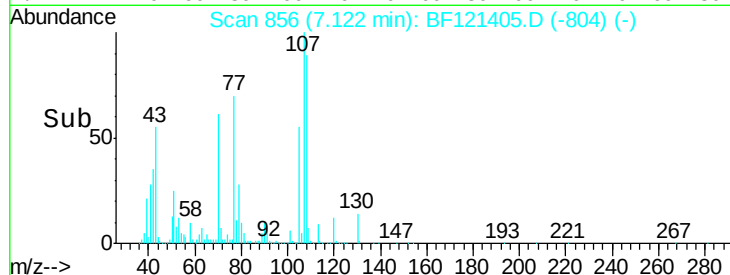
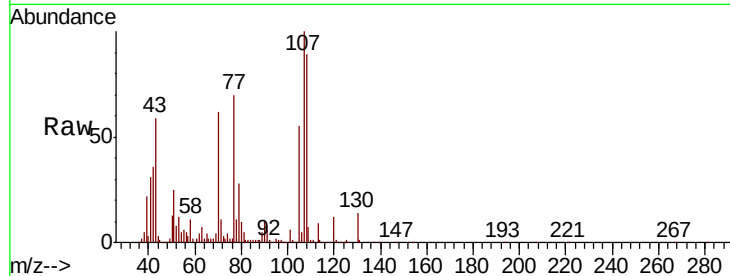
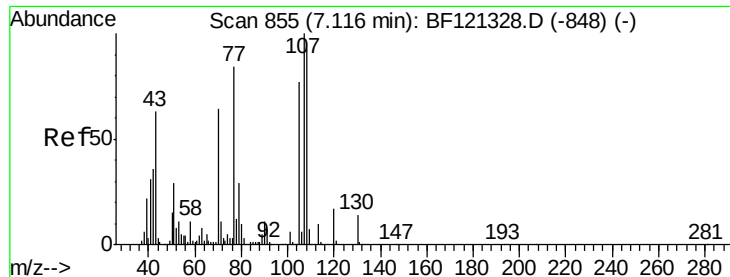


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

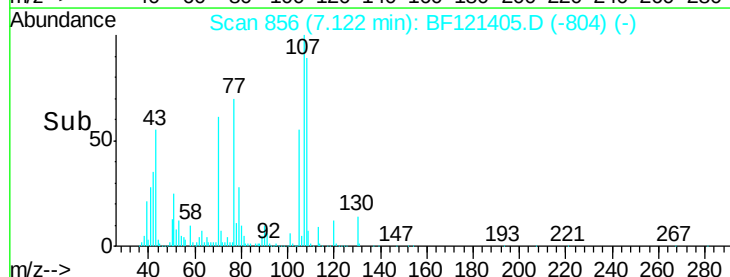
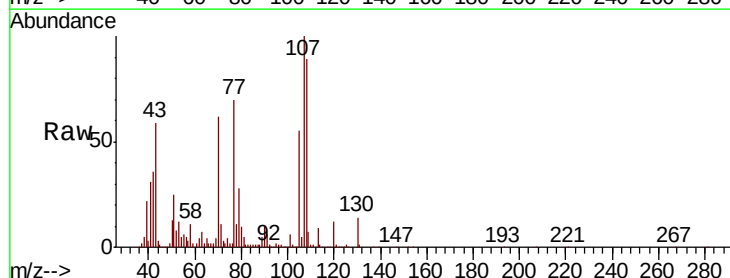
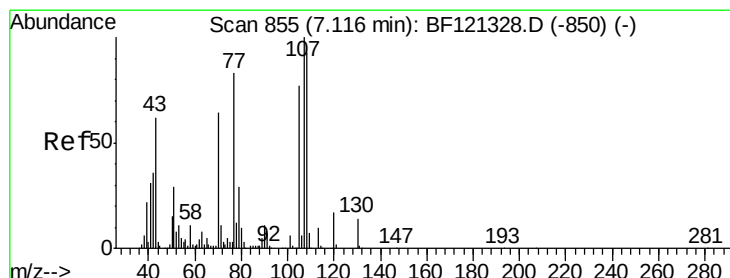
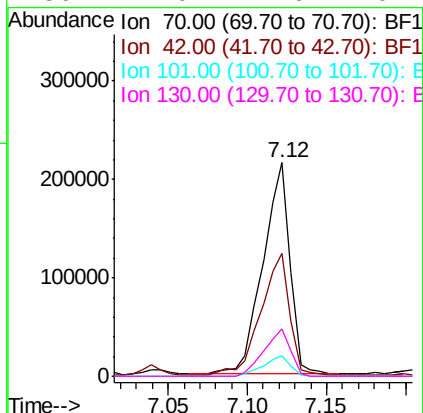




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.848 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

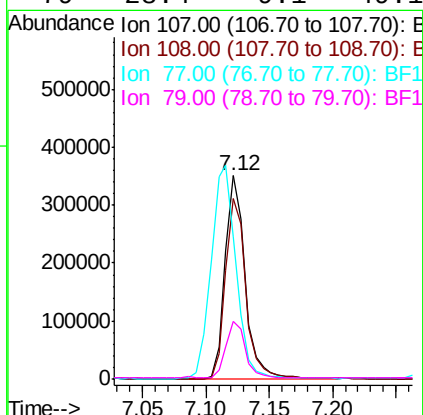
Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

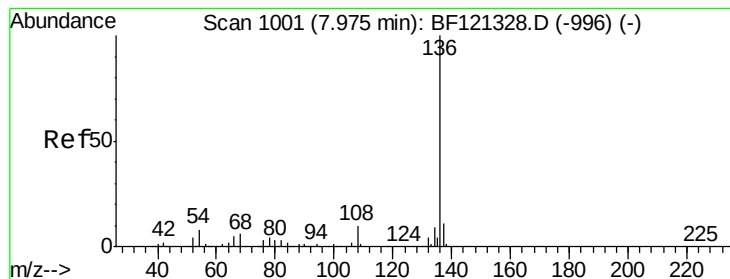
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 57.4  | 45.2  | 67.8  |
| 101     | 9.8   | 7.7   | 11.5  |
| 130     | 22.0  | 17.6  | 26.4  |



#20  
3+4-Methylphenols  
Concen: 57.399 ng  
RT: 7.12 min Scan# 856  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.9  | 72.6  | 112.6 |
| 77      | 70.1  | 63.8  | 103.8 |
| 79      | 28.4  | 9.1   | 49.1  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

Tot Ion:136 Resp: 453679

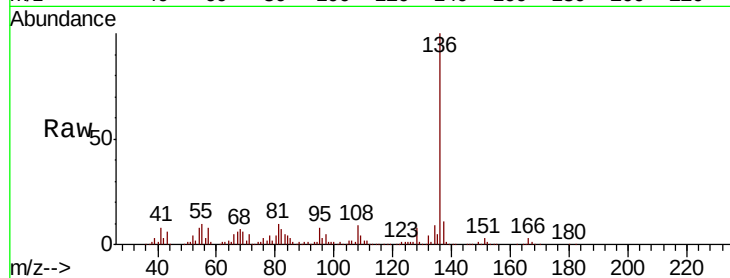
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.8 6.1 9.1

68 7.2 5.0 7.4

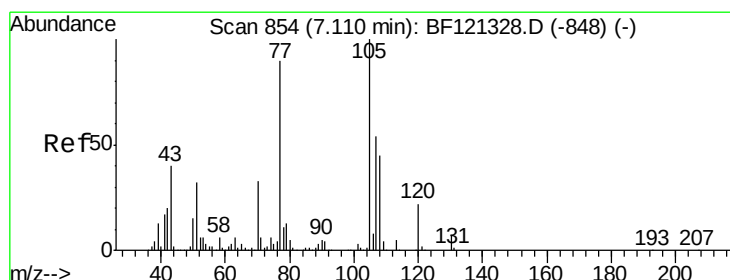
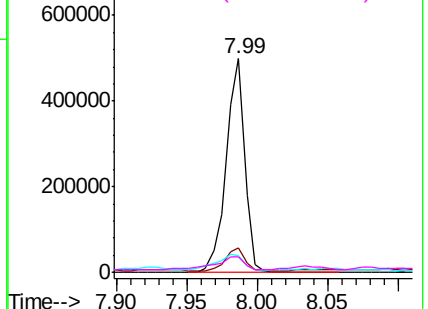
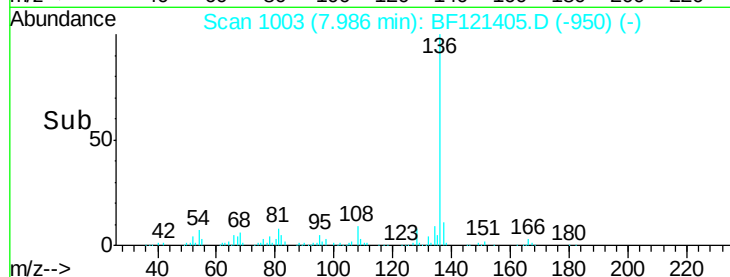


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 49.538 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Tgt Ion:105 Resp: 525435

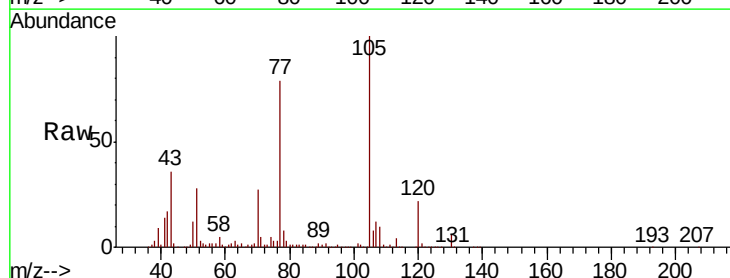
Ion Ratio Lower Upper

105 100

71 5.2 4.5 6.7

51 28.0 25.4 38.0

120 22.3 17.6 26.4

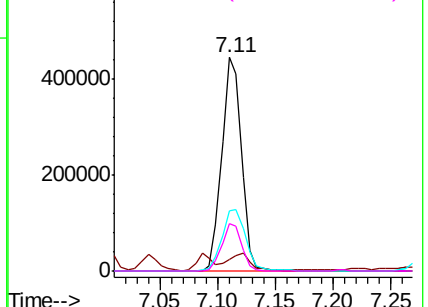
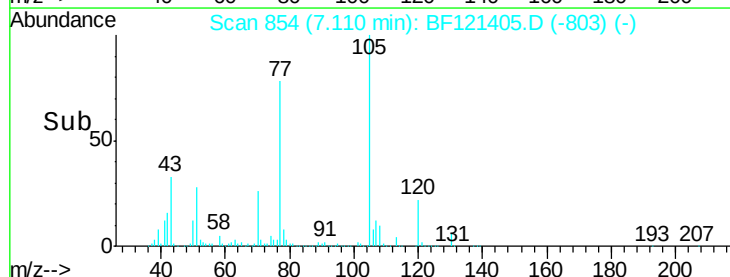


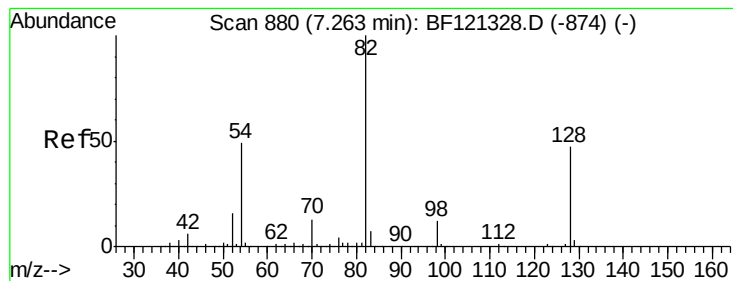
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.023 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

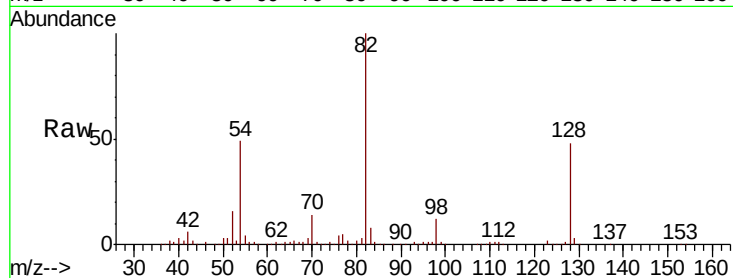
Tot Ion: 82 Resp: 674010

Ion Ratio Lower Upper

82 100

128 47.8 37.9 56.9

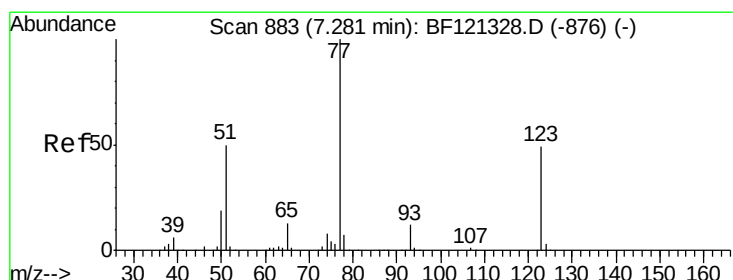
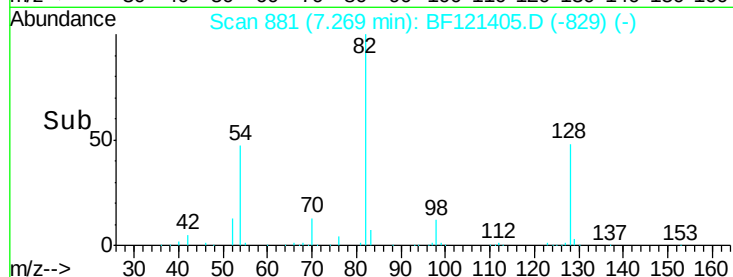
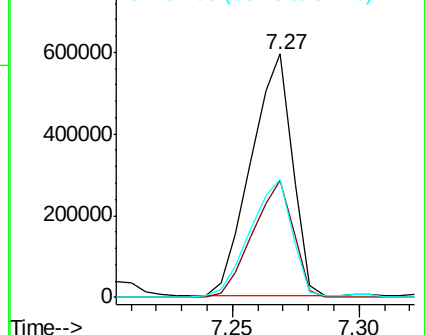
54 48.6 39.0 58.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 49.460 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

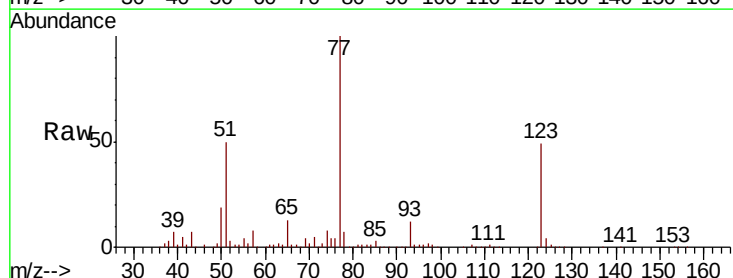
Tgt Ion: 77 Resp: 404375

Ion Ratio Lower Upper

77 100

123 49.4 39.2 58.8

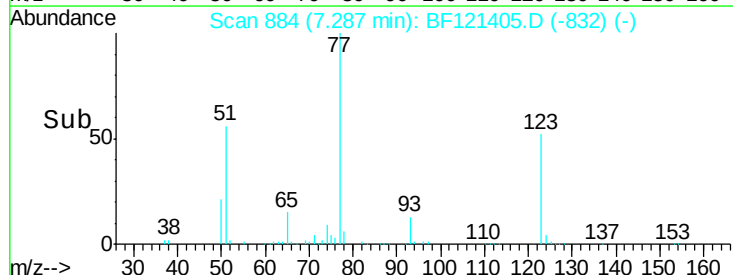
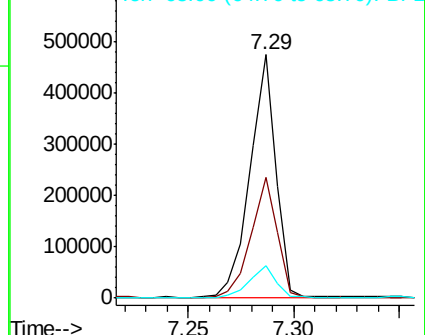
65 13.3 10.6 15.8



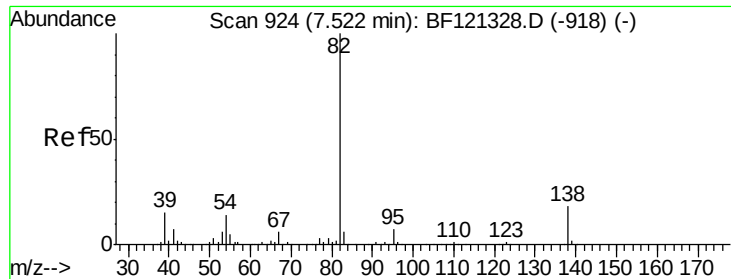
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#25

Isophorone

Concen: 53.475 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

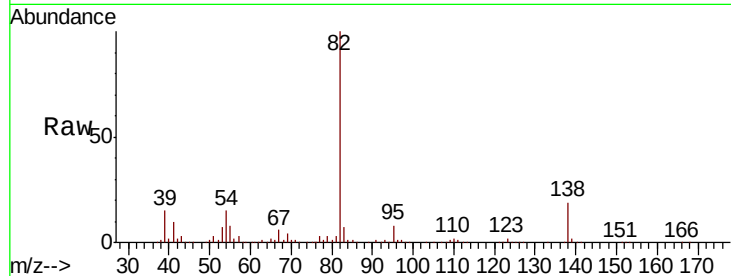
Tot Ion: 82 Resp: 780645

Ion Ratio Lower Upper

82 100

95 7.9 5.3 7.9

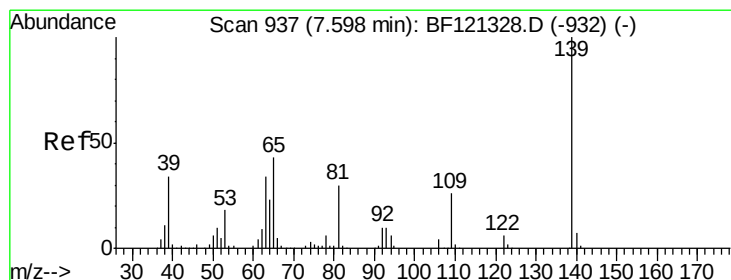
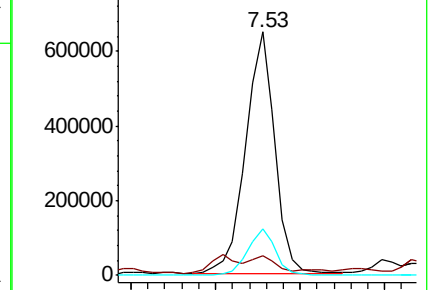
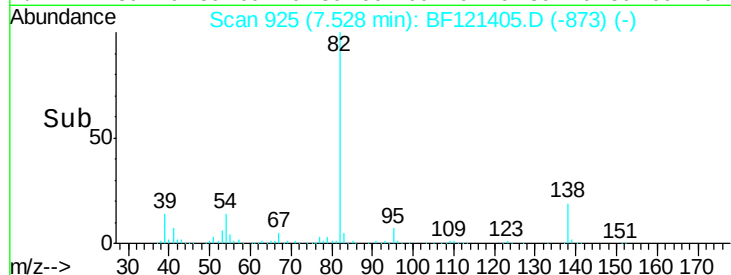
138 19.0 14.6 21.8



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: 51.975 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

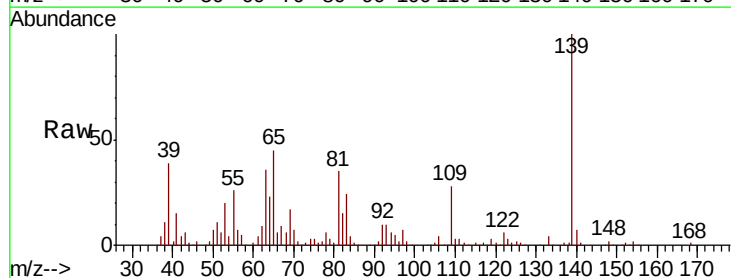
Tgt Ion: 139 Resp: 217936

Ion Ratio Lower Upper

139 100

109 28.2 21.1 31.7

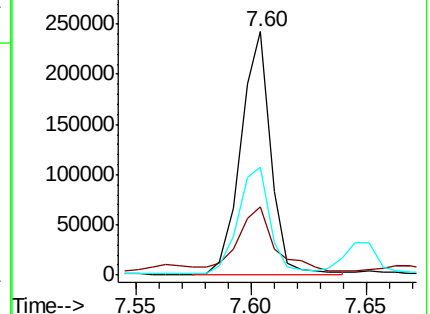
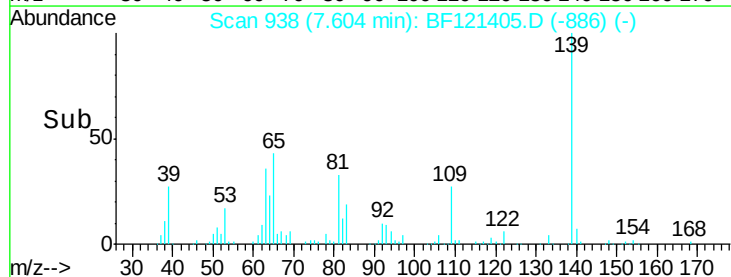
65 44.5 34.5 51.7

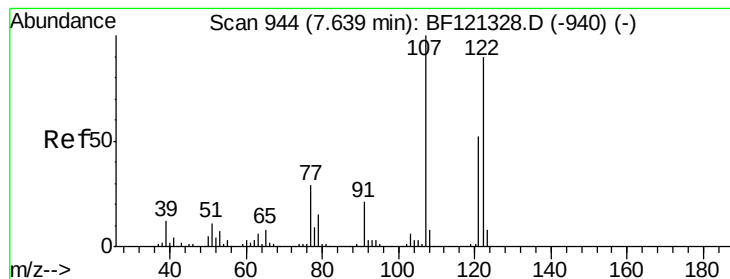


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 58.783 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

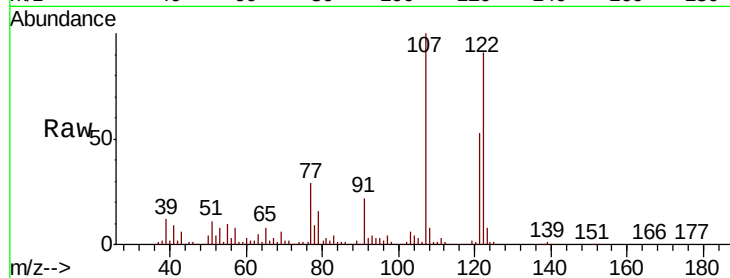
Tot Ion:122 Resp: 351706

Ion Ratio Lower Upper

122 100

107 110.2 89.0 133.4

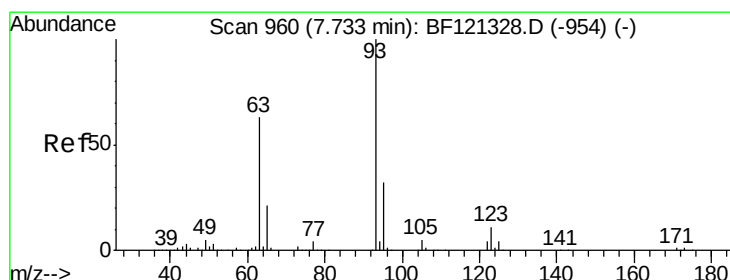
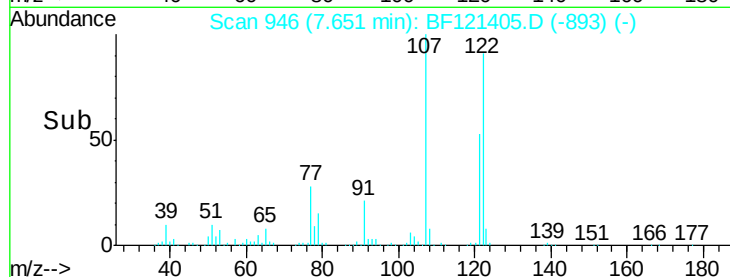
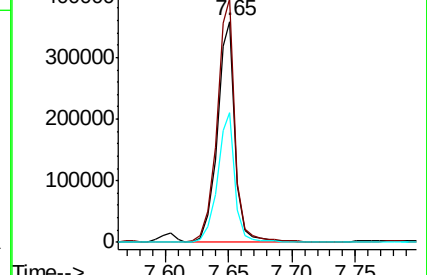
121 58.5 46.4 69.6



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: 46.070 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

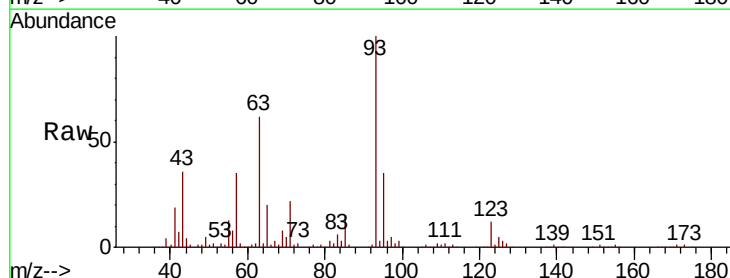
Tgt Ion: 93 Resp: 457820

Ion Ratio Lower Upper

93 100

95 35.1 25.8 38.8

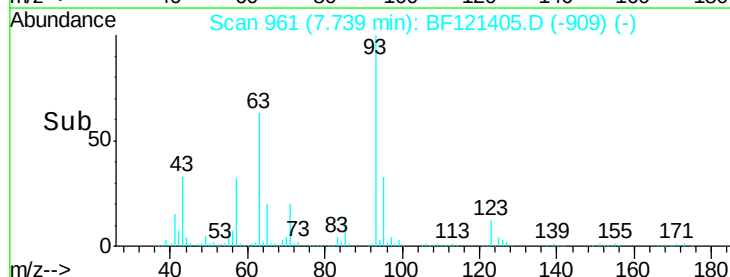
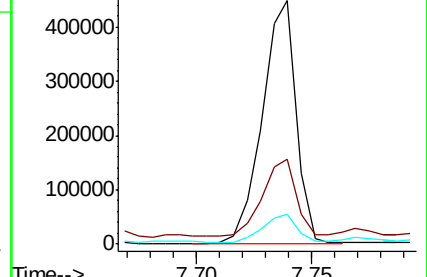
123 12.2 9.0 13.6

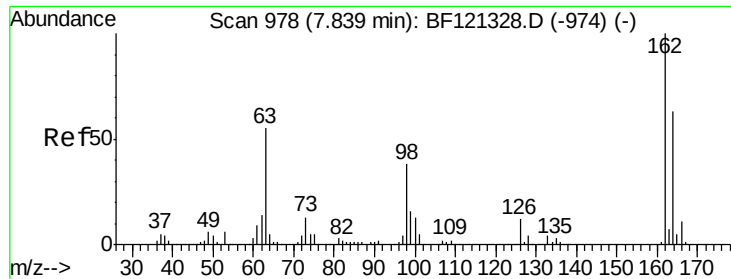


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

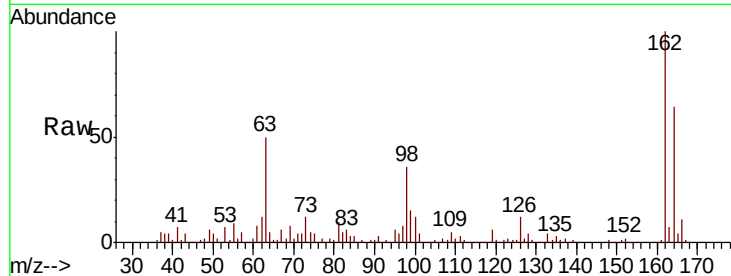




#29  
2,4-Dichlorophenol  
Concen: 51.947 ng  
RT: 7.85 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 43.4  | 83.4  |
| 98      | 35.6  | 18.1  | 58.1  |

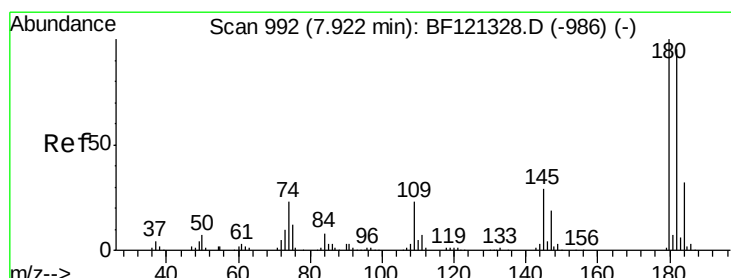
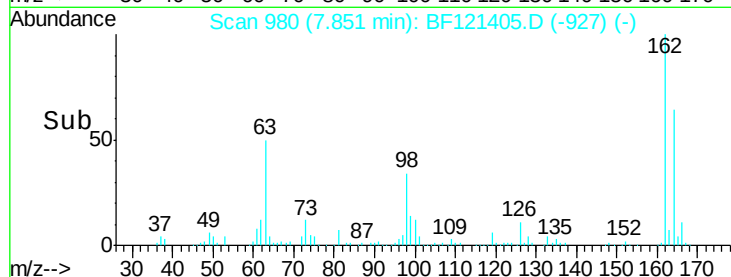
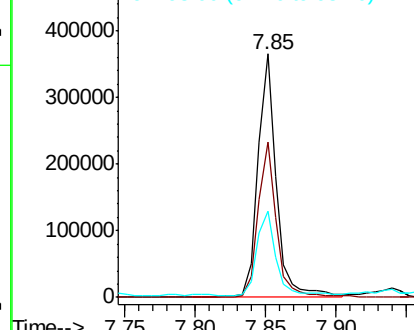


Abundance

Ion 162.00 (161.70 to 162.70): E

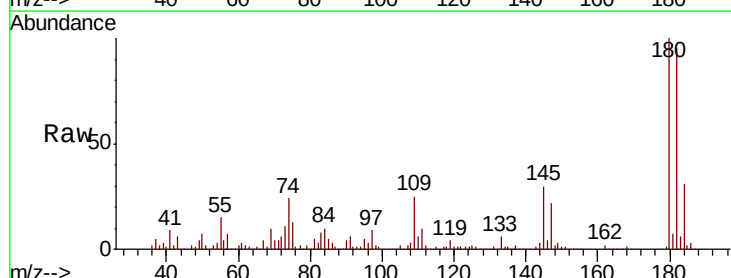
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 47.344 ng  
RT: 7.93 min Scan# 993  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 75.9  | 113.9 |
| 145     | 30.0  | 23.2  | 34.8  |

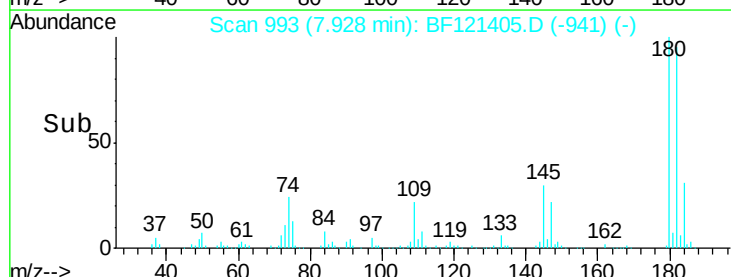
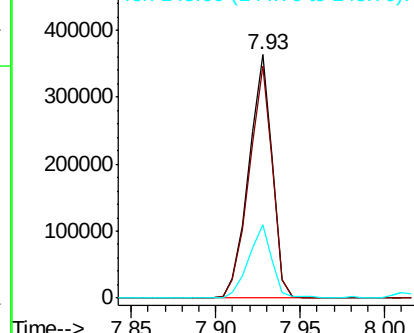


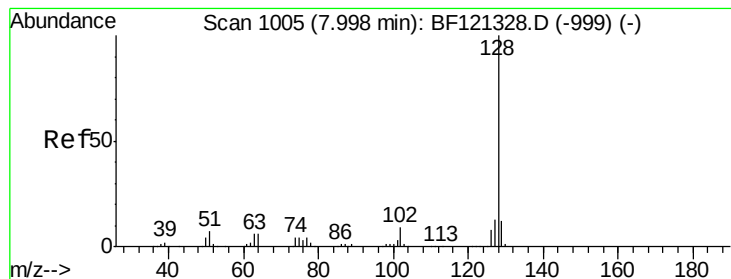
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.097 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

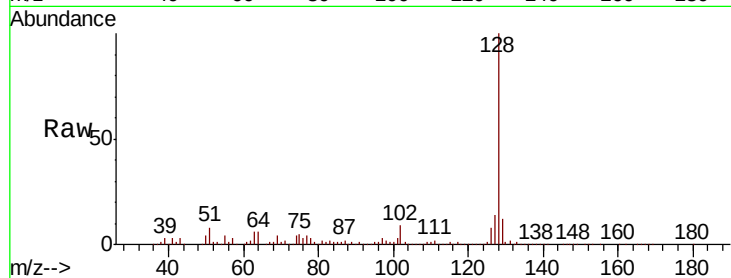
Tot Ion:128 Resp: 1086004

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

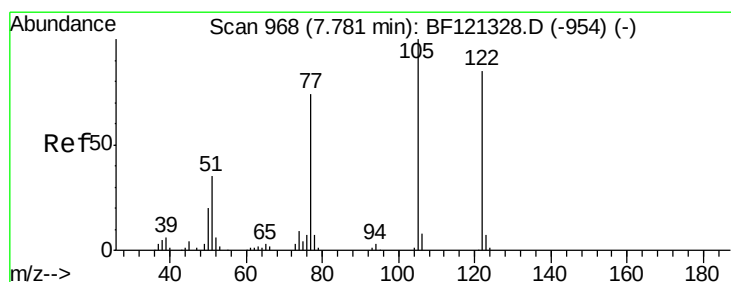
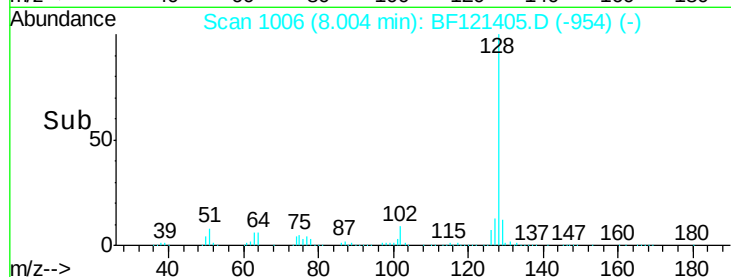
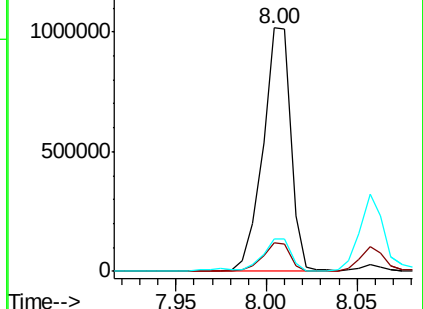
127 13.5 10.6 16.0



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: 71.183 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.13 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

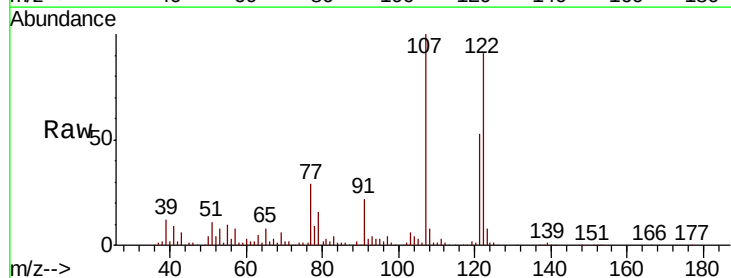
Tgt Ion:122 Resp: 351706

Ion Ratio Lower Upper

122 100

105 3.7 96.7 136.7#

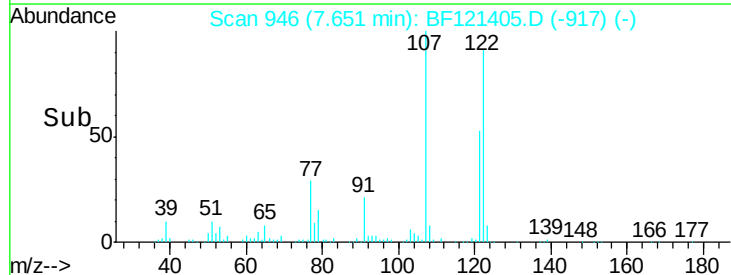
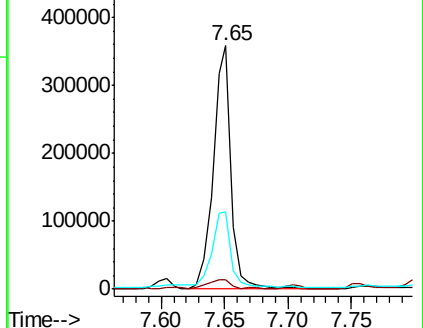
77 32.0 66.7 106.7#

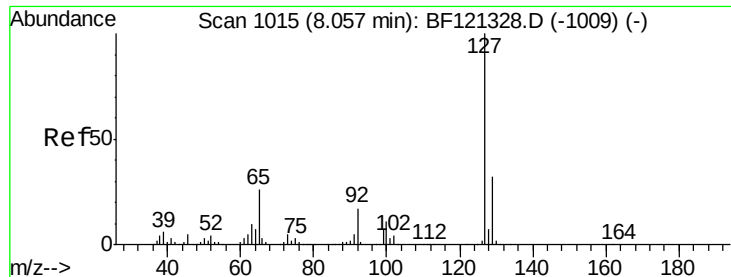


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

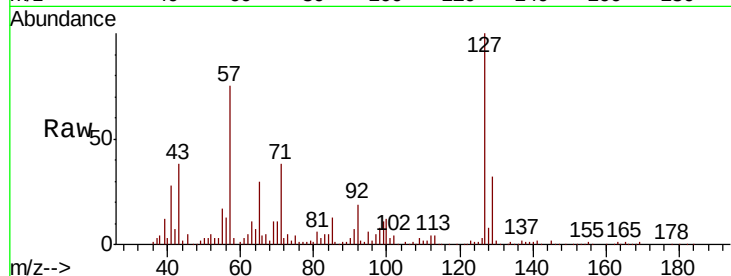




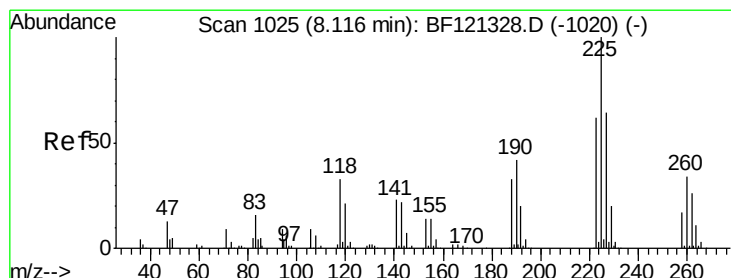
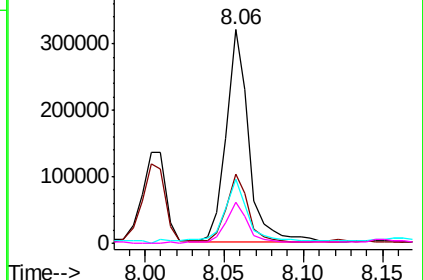
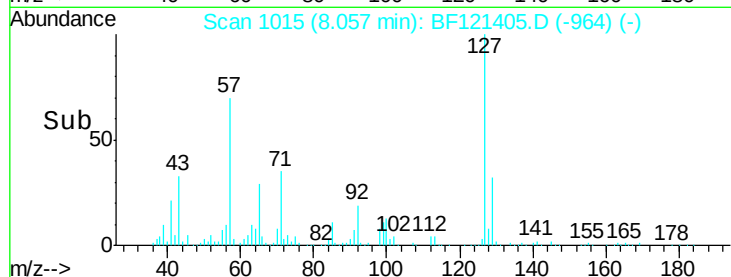
#33  
4-Chloroaniline  
Concen: 31.846 ng  
RT: 8.06 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 318406 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.7  | 38.5   |
| 65       | 29.9  | 20.9  | 31.3   |
| 92       | 19.2  | 13.8  | 20.8   |

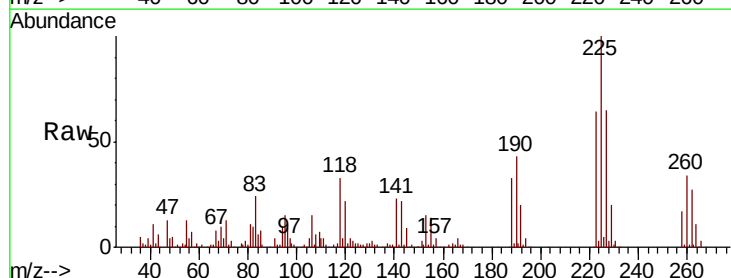


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

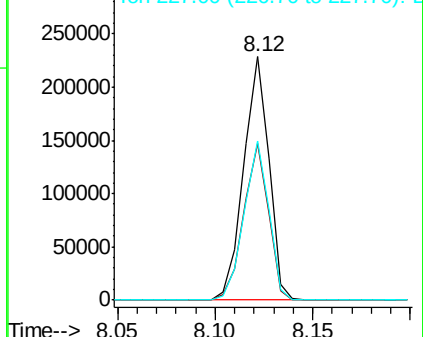
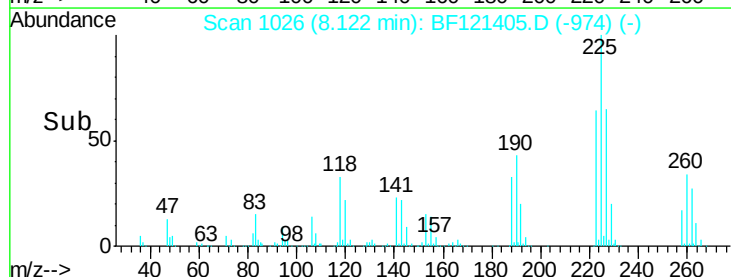


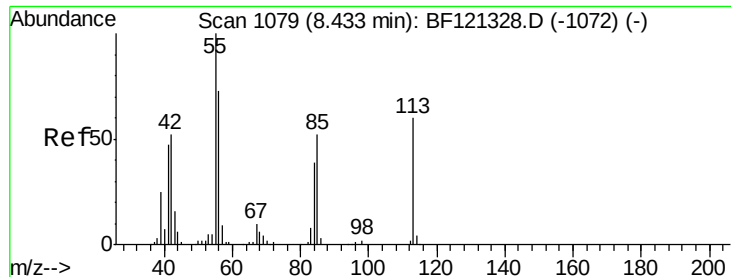
#34  
Hexachlorobutadiene  
Concen: 46.278 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 204585 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 49.7  | 74.5   |
| 227      | 65.2  | 50.9  | 76.3   |



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: 22.666 ng

RT: 8.44 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

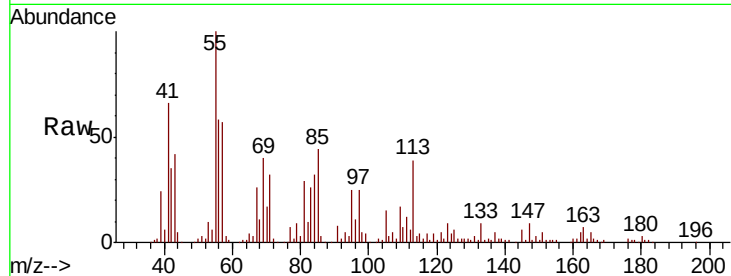
Tot Ion:113 Resp: 48492

Ion Ratio Lower Upper

113 100

55 254.3 147.9 187.9#

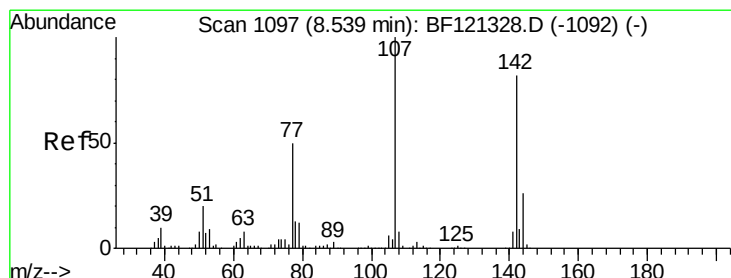
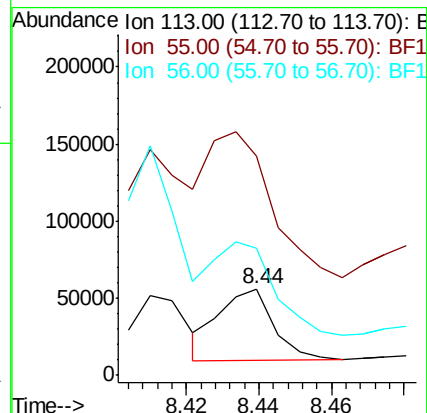
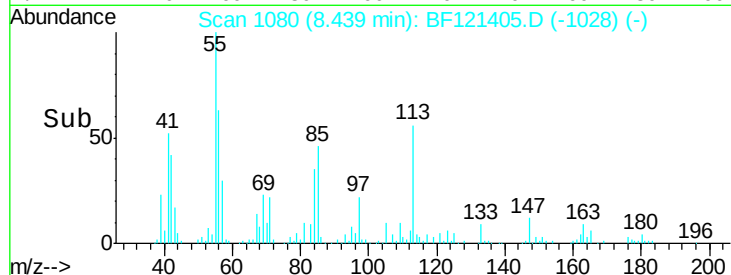
56 148.0 102.4 142.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 49.401 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

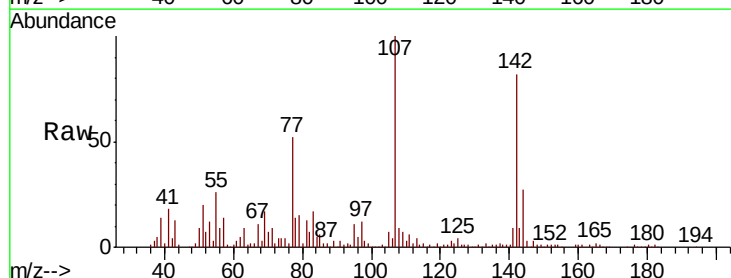
Tgt Ion:107 Resp: 326383

Ion Ratio Lower Upper

107 100

144 26.8 21.1 31.7

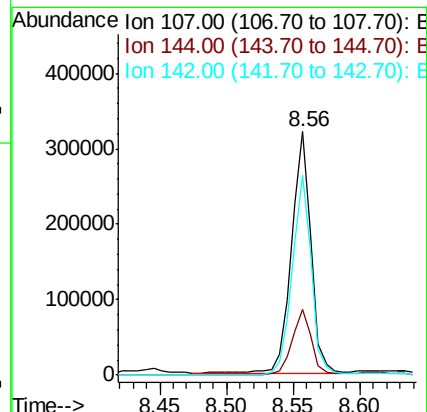
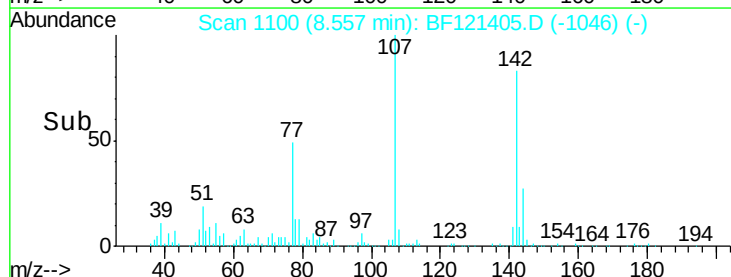
142 82.1 65.6 98.4

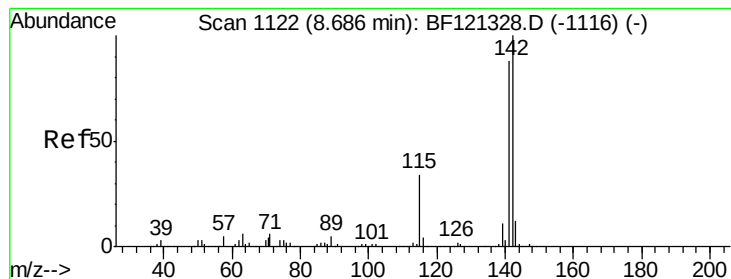


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.701 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

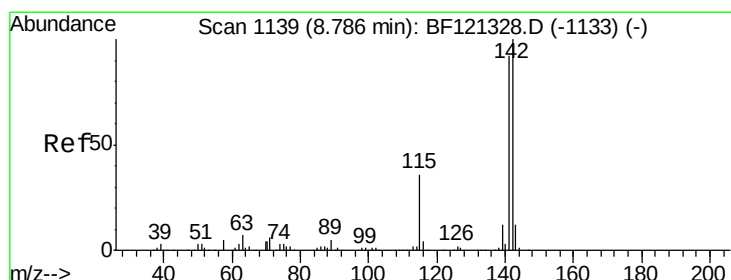
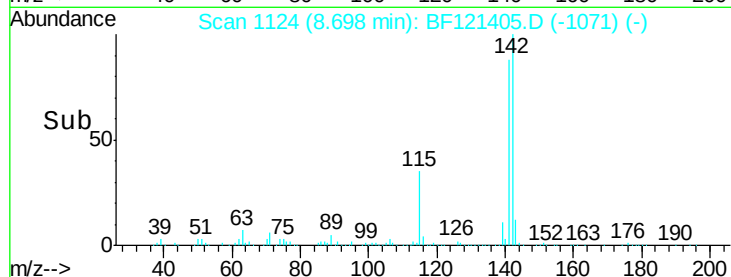
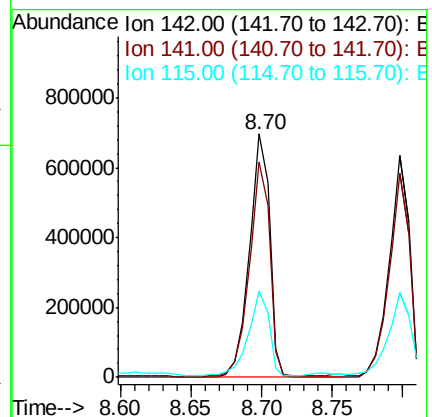
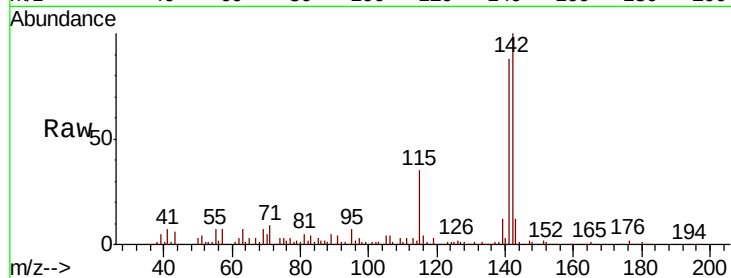
Tot Ion:142 Resp: 698095

Ion Ratio Lower Upper

142 100

141 88.3 70.3 105.5

115 35.2 26.9 40.3



#38

1-Methylnaphthalene

Concen: 50.167 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.09 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

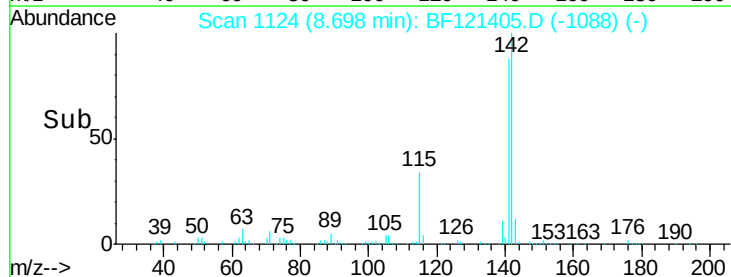
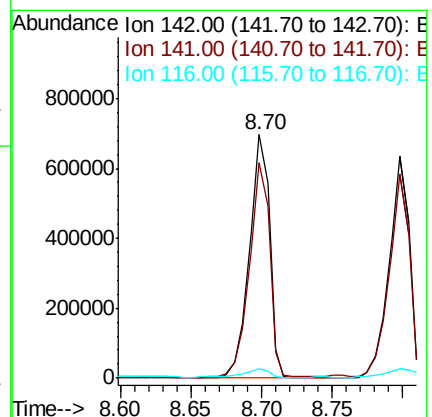
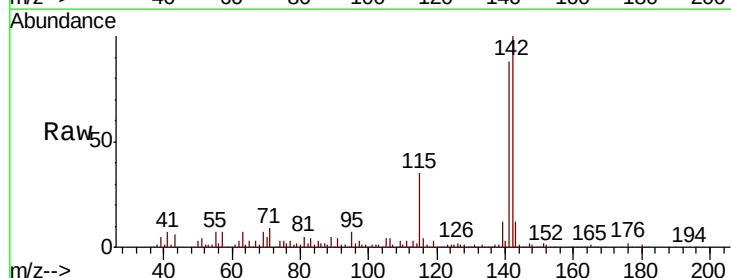
Tgt Ion:142 Resp: 698095

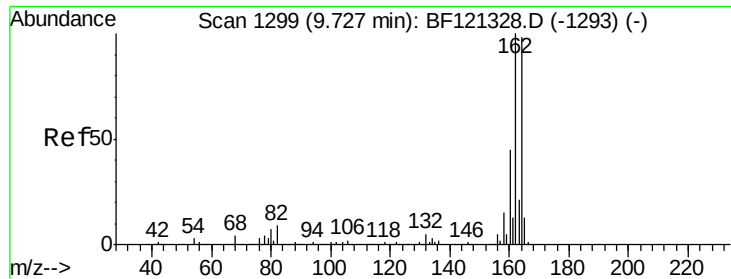
Ion Ratio Lower Upper

142 100

141 88.3 73.6 110.4

116 3.8 3.0 4.4

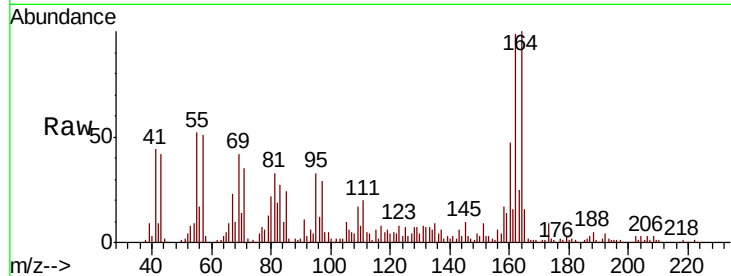




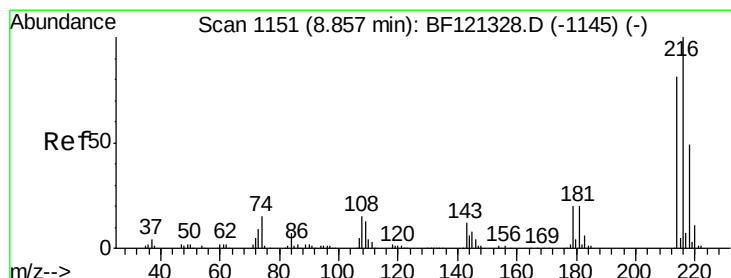
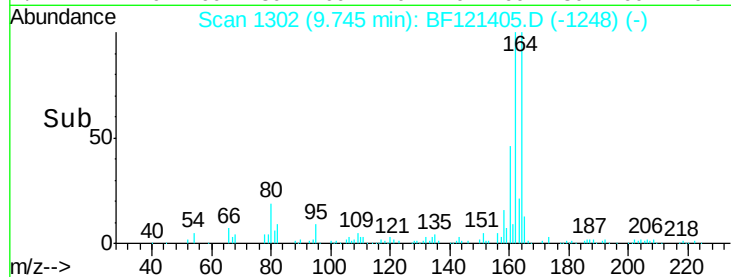
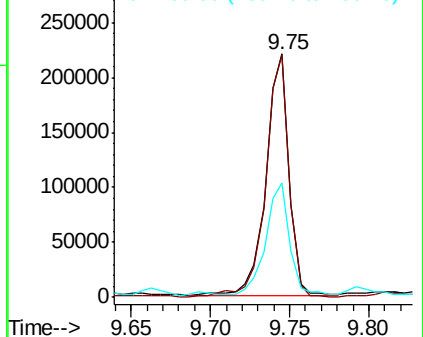
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.75 min Scan# 1302  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

Tot Ion:164 Resp: 225448  
 Ion Ratio Lower Upper  
 164 100  
 162 99.5 81.7 122.5  
 160 46.7 37.0 55.4



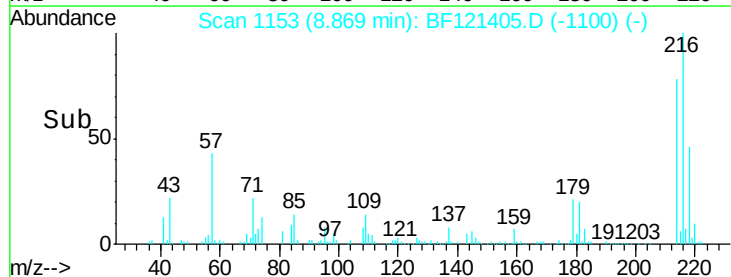
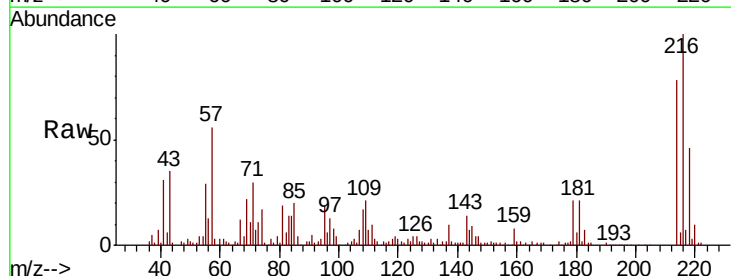
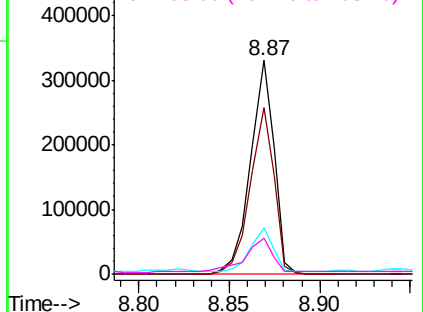
Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E



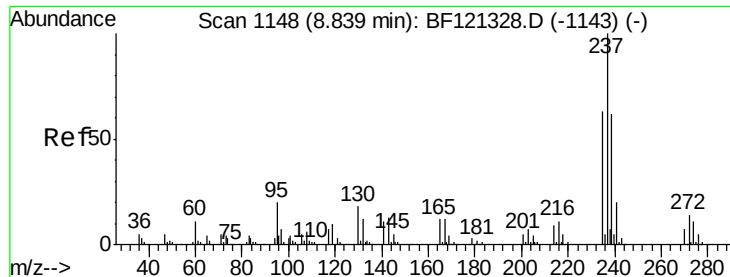
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 44.758 ng  
 RT: 8.87 min Scan# 1153  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion:216 Resp: 299487  
 Ion Ratio Lower Upper  
 216 100  
 214 78.8 64.2 96.2  
 179 20.8 16.4 24.6  
 108 18.4 14.2 21.4

Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E



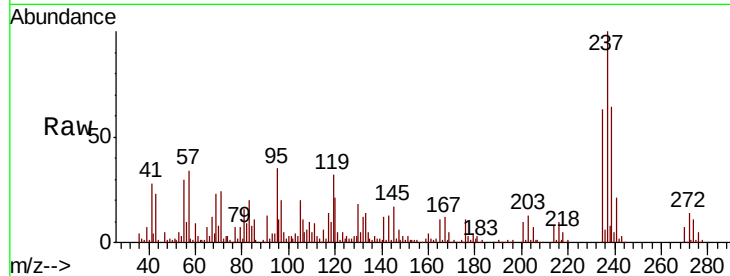




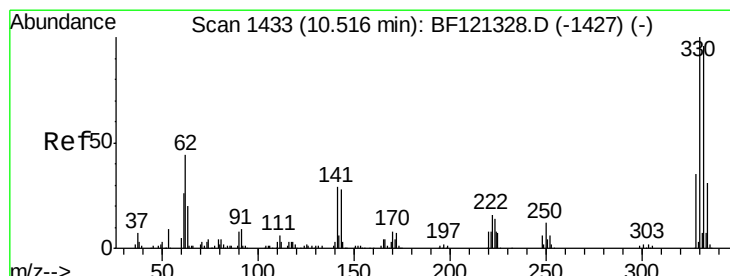
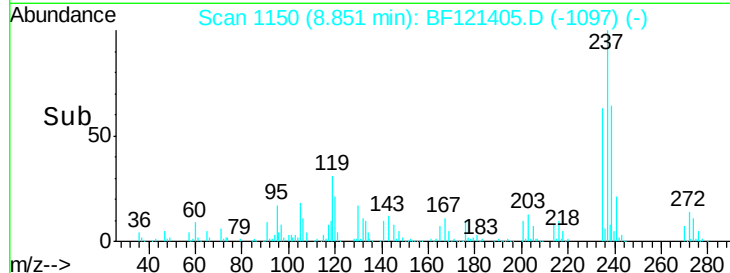
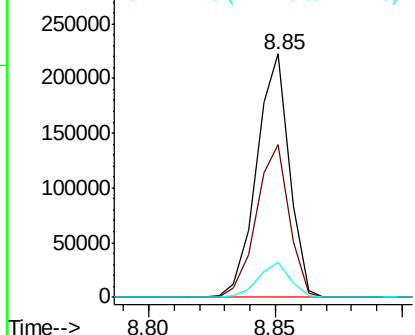
#41  
Hexachlorocyclopentadiene  
Concen: 75.530 ng  
RT: 8.85 min Scan# 1150  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:237 Resp: 199167  
Ion Ratio Lower Upper  
237 100  
235 62.8 42.7 82.7  
272 14.2 0.0 33.7

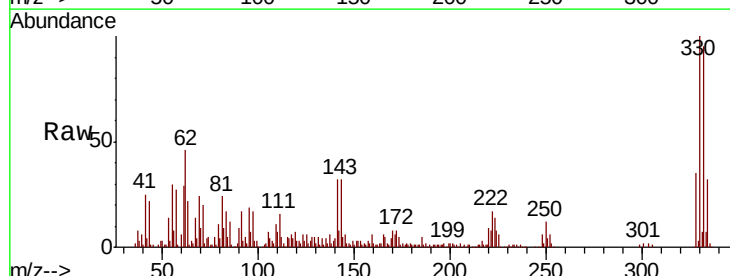


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

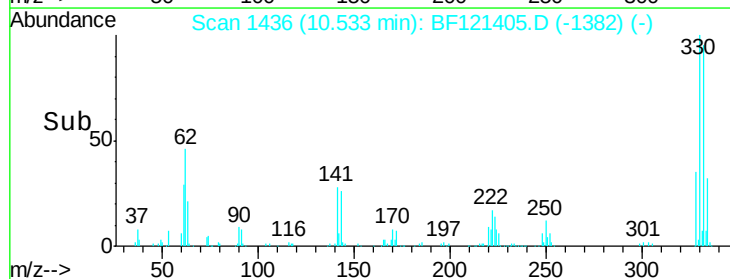
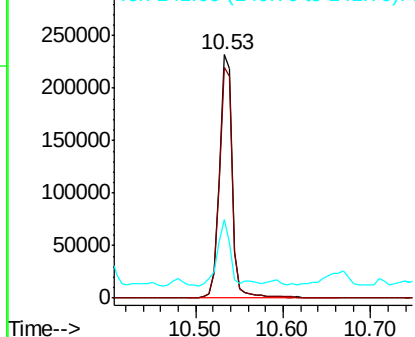


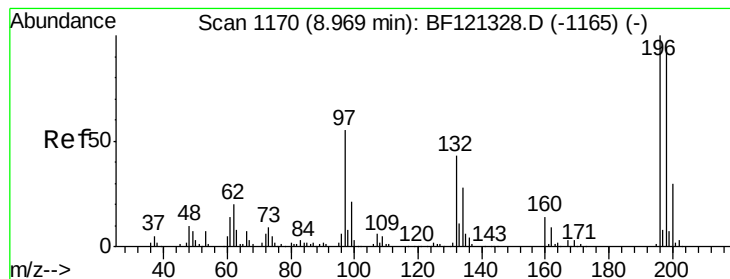
#42  
2,4,6-Tribromophenol  
Concen: 90.775 ng  
RT: 10.53 min Scan# 1436  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:330 Resp: 238483  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.9 115.3  
141 25.8 22.8 34.2



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: 43.015 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

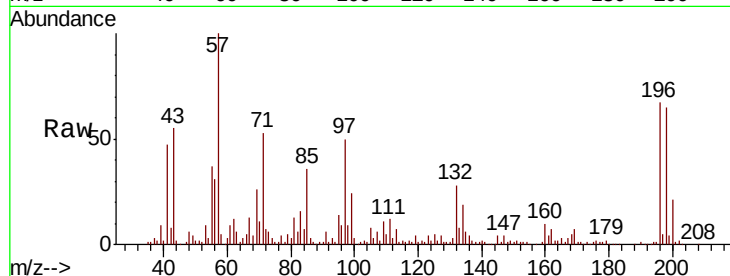
Tot Ion:196 Resp: 196772

Ion Ratio Lower Upper

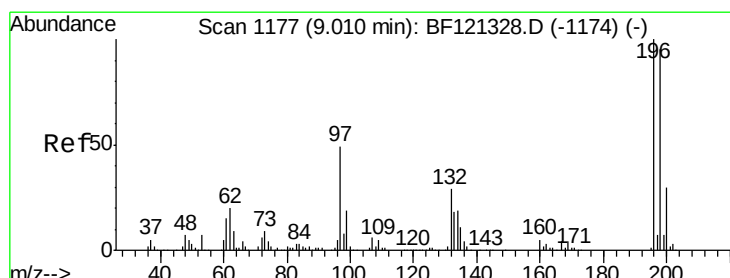
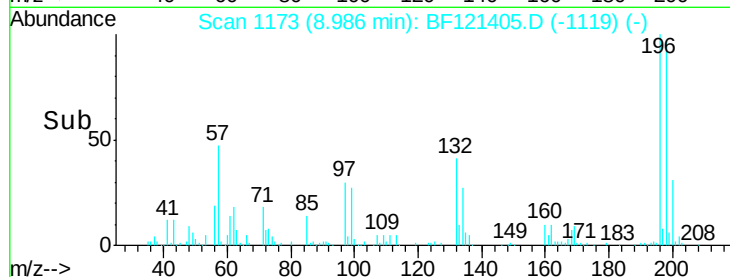
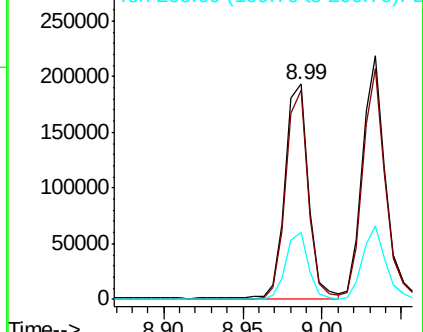
196 100

198 97.4 75.6 113.4

200 31.3 24.2 36.2



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: 46.408 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Tgt Ion:196 Resp: 218410

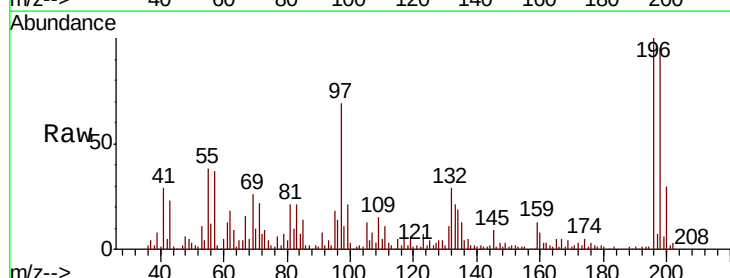
Ion Ratio Lower Upper

196 100

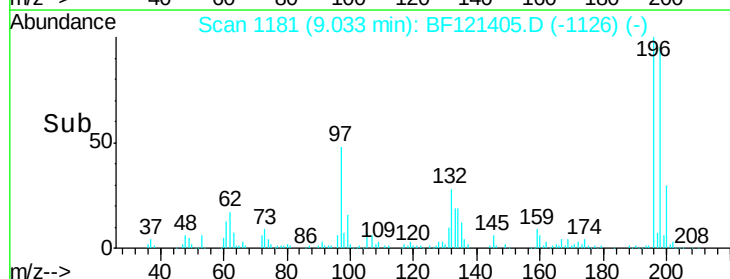
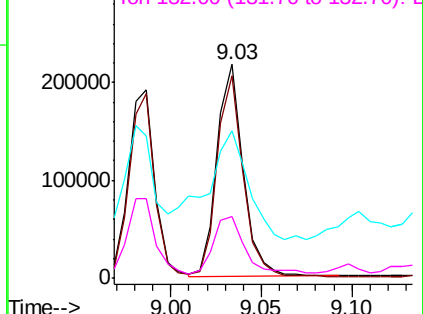
198 94.8 75.6 113.4

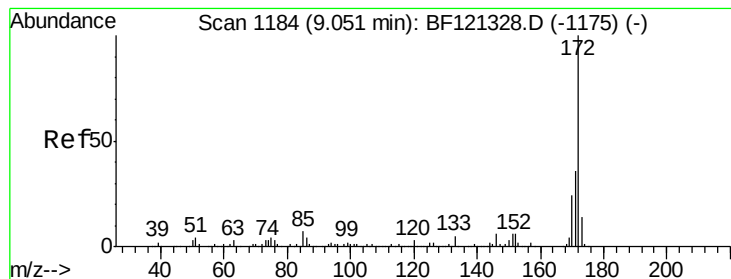
97 68.7 39.6 59.4#

132 28.6 23.3 34.9



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: 92.636 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

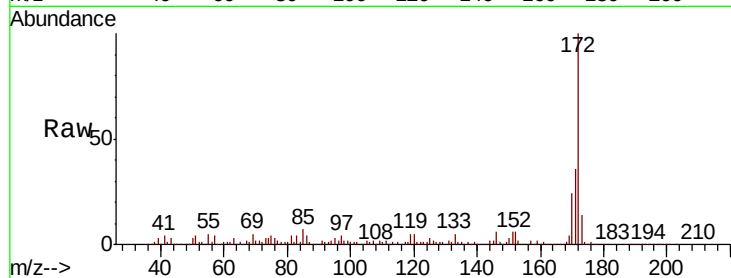
BNA\_P

ClientSampleId :

DRUM-COMPMS

Tot Ion:172 Resp: 1074269

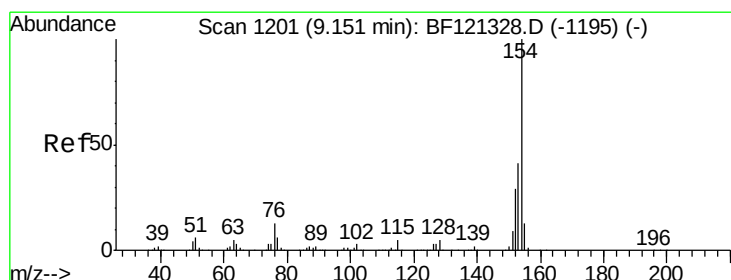
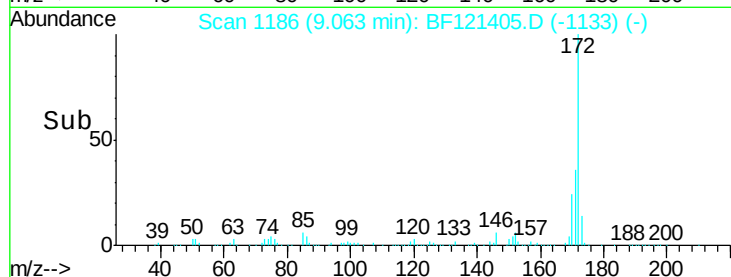
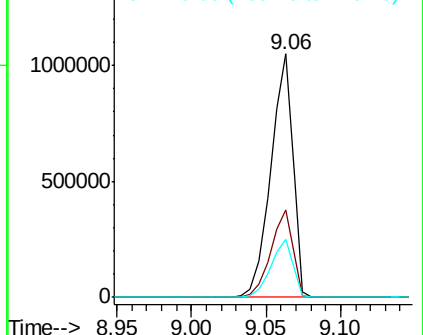
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.8  | 29.0  | 43.6  |
| 170 | 23.8  | 19.4  | 29.2  |



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.836 ng

RT: 9.16 min Scan# 1203

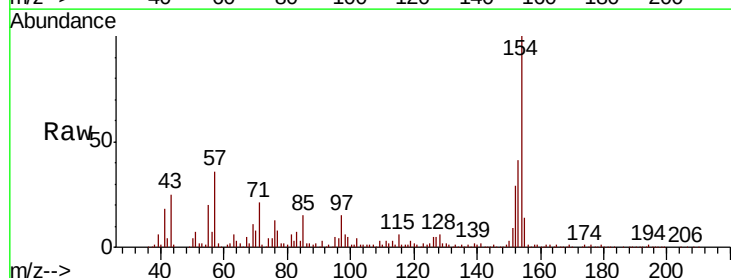
Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Tgt Ion:154 Resp: 622432

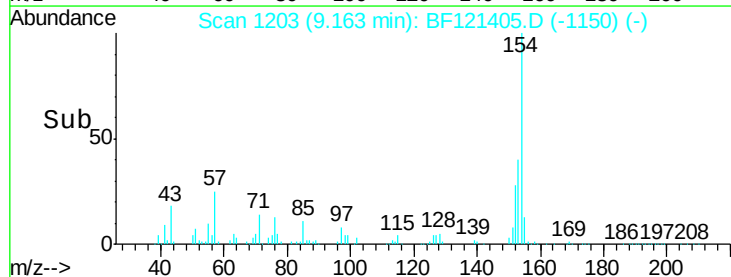
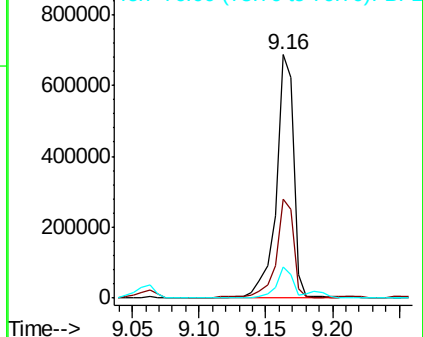
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.5  | 20.8  | 60.8  |
| 76  | 13.0  | 0.0   | 33.1  |

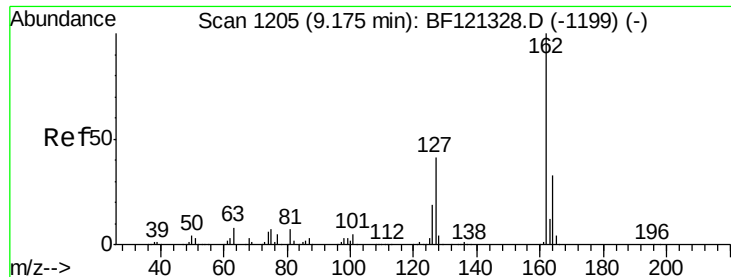


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

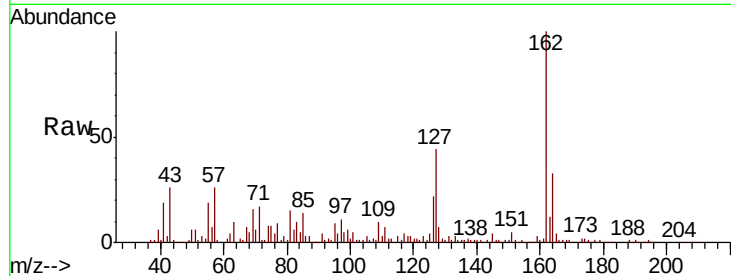




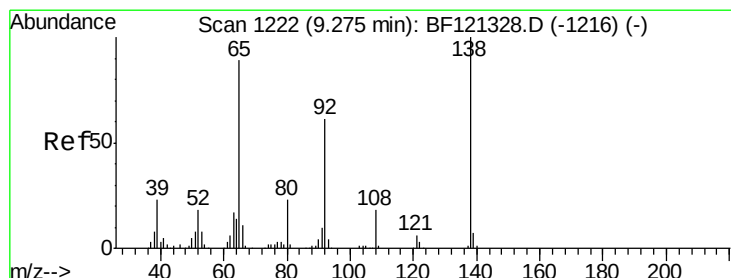
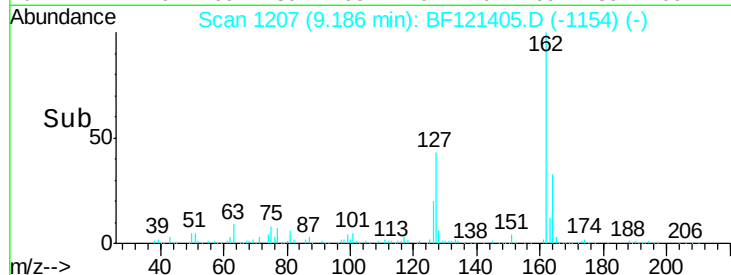
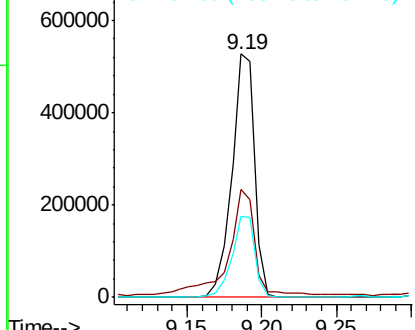
#47  
 2-Chloronaphthalene  
 Concen: 40.328 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.2  | 33.1  | 49.7  |
| 164     | 33.0  | 26.5  | 39.7  |

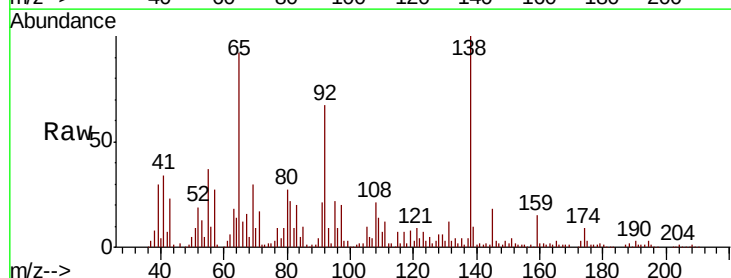


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

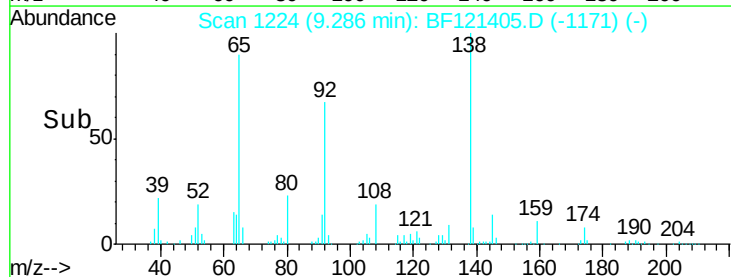
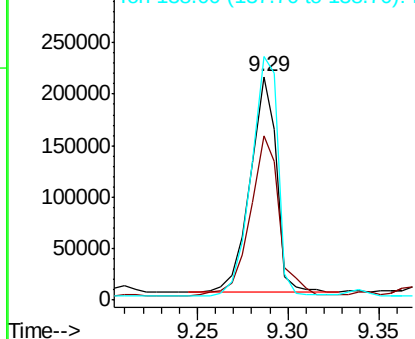


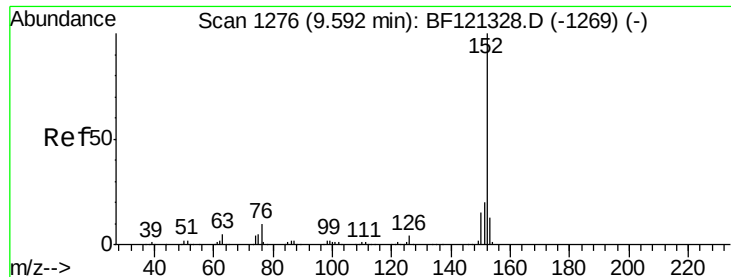
#48  
 2-Nitroaniline  
 Concen: 48.240 ng  
 RT: 9.29 min Scan# 1224  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.3  | 54.9  | 82.3  |
| 138     | 109.0 | 89.5  | 134.3 |



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: 46.739 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

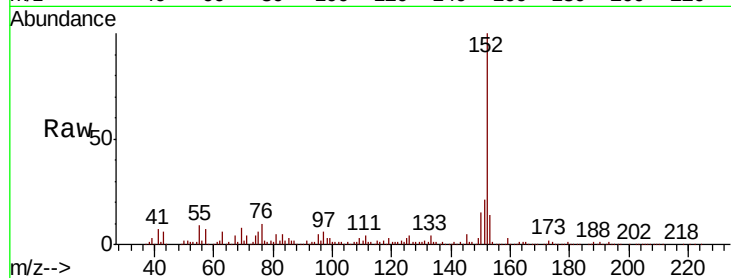
Tot Ion:152 Resp: 966453

Ion Ratio Lower Upper

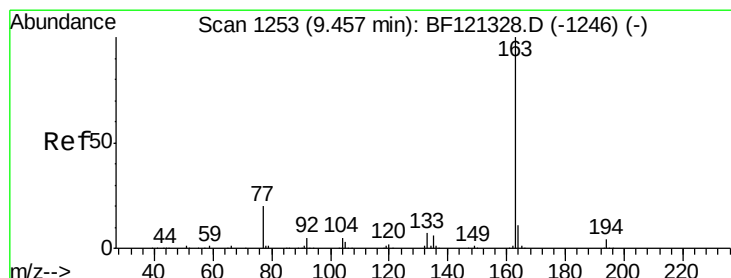
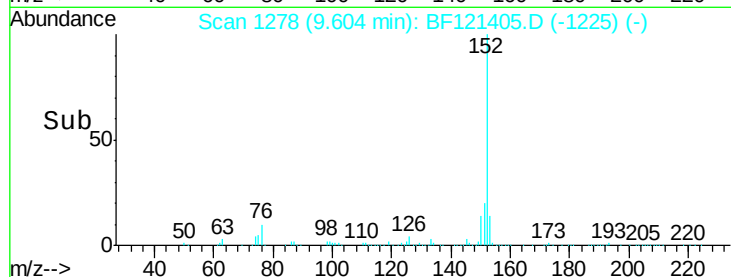
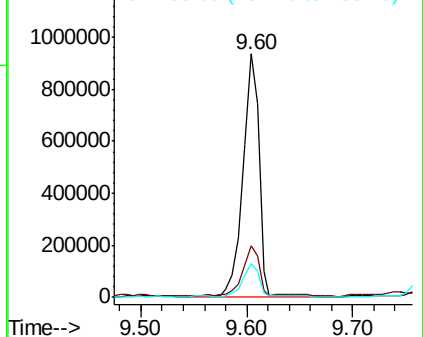
152 100

151 21.1 16.4 24.6

153 13.8 10.6 16.0



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: 39.740 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

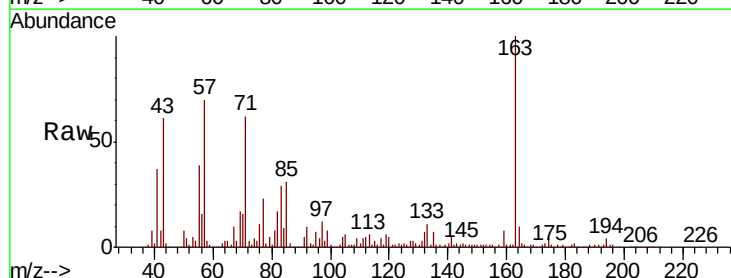
Tgt Ion:163 Resp: 651803

Ion Ratio Lower Upper

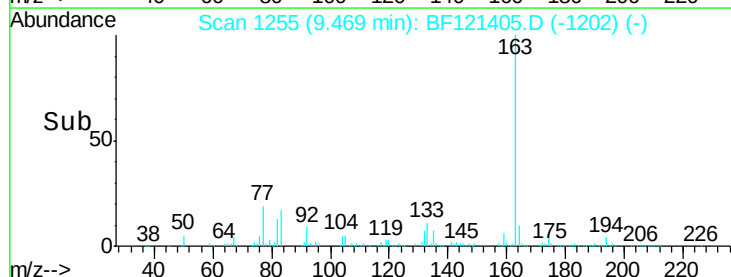
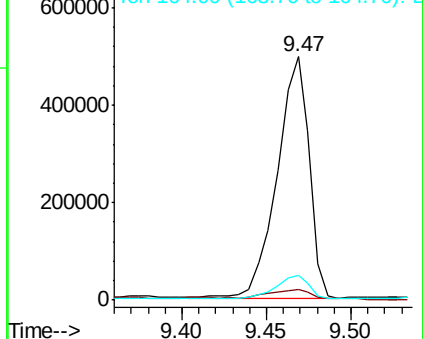
163 100

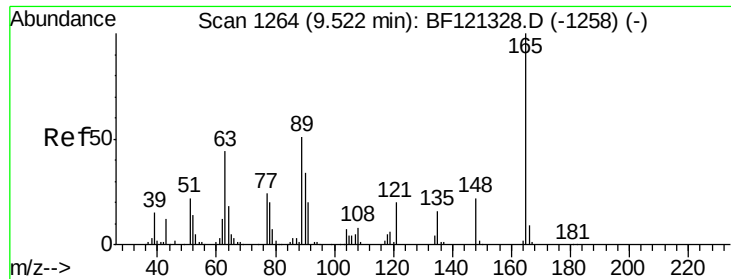
194 4.2 3.0 4.6

164 10.1 8.4 12.6



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

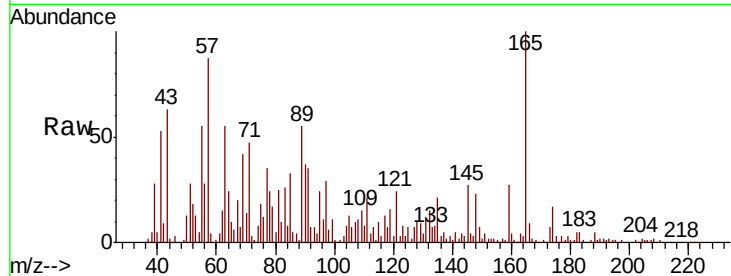




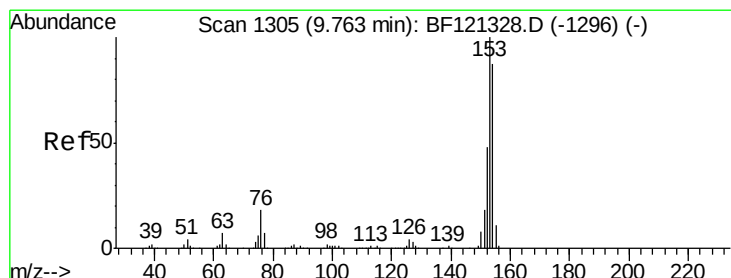
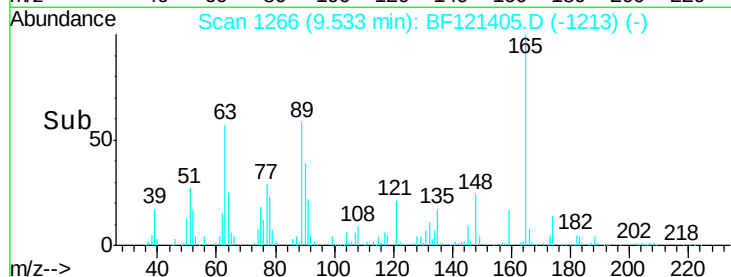
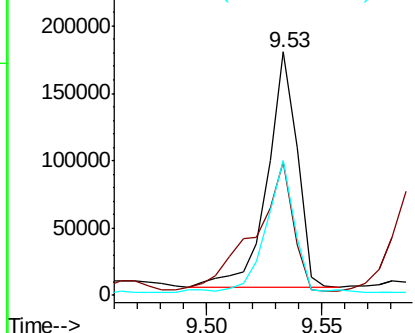
#51  
 2,6-Dinitrotoluene  
 Concen: 44.827 ng  
 RT: 9.53 min Scan# 1266  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

Tot Ion:165 Resp: 157025  
 Ion Ratio Lower Upper  
 165 100  
 63 54.7 38.5 57.7  
 89 55.1 41.2 61.8

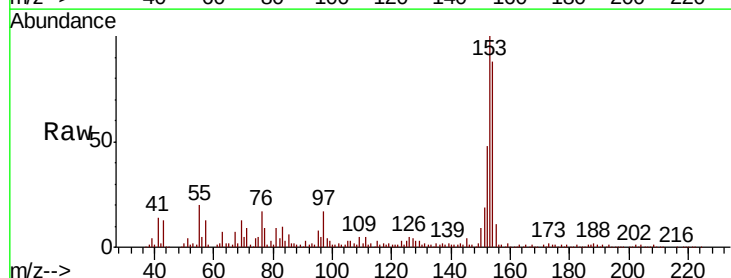


Abundance Ion 165.00 (164.70 to 165.70): E  
 250000 Ion 63.00 (62.70 to 63.70): BF1  
 200000 Ion 89.00 (88.70 to 89.70): BF1  
 150000  
 100000  
 50000  
 0

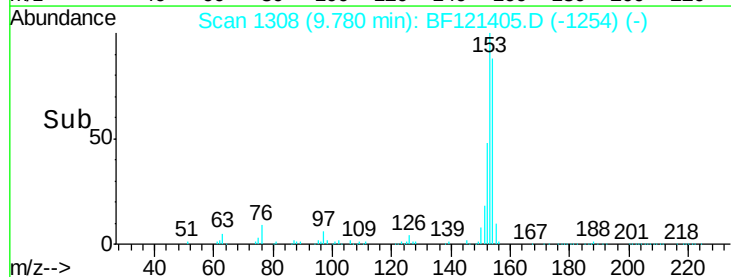
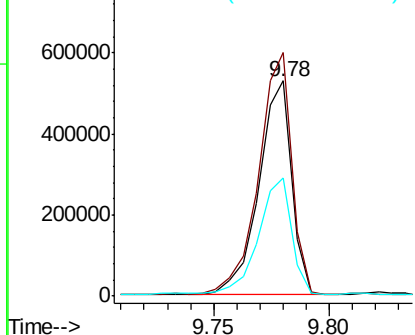


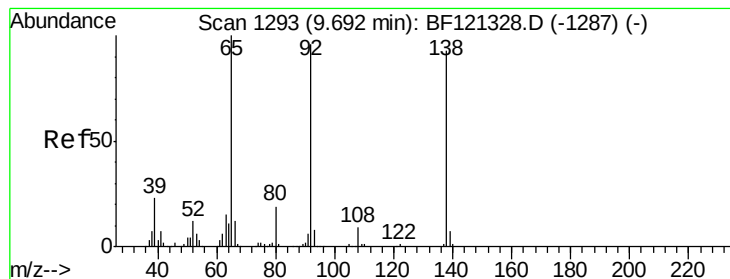
#52  
 Acenaphthene  
 Concen: 41.753 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion:154 Resp: 524578  
 Ion Ratio Lower Upper  
 154 100  
 153 113.1 92.0 138.0  
 152 54.6 44.6 66.8



Abundance Ion 154.00 (153.70 to 154.70): E  
 800000 Ion 153.00 (152.70 to 153.70): E  
 600000 Ion 152.00 (151.70 to 152.70): E  
 400000  
 200000  
 0





#53

3-Nitroaniline

Concen: 34.520 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

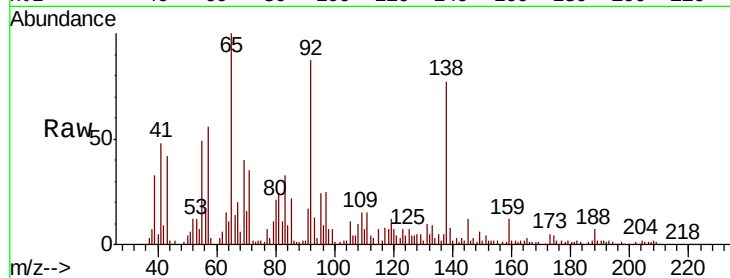
Tot Ion:138 Resp: 151266

Ion Ratio Lower Upper

138 100

108 13.1 7.5 11.3#

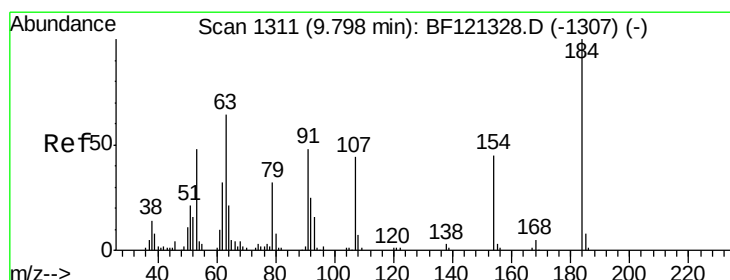
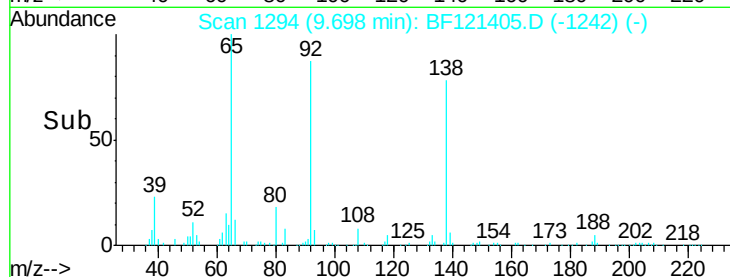
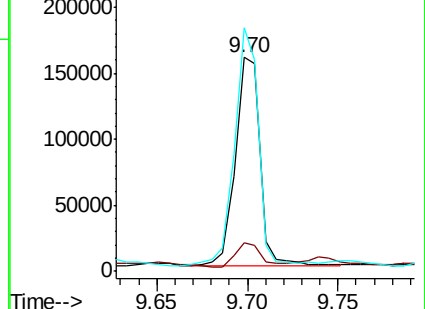
92 113.8 83.0 124.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 8.402 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

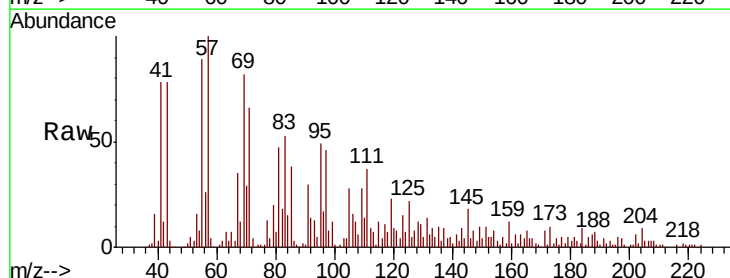
Tgt Ion:184 Resp: 14188

Ion Ratio Lower Upper

184 100

63 82.7 51.5 77.3#

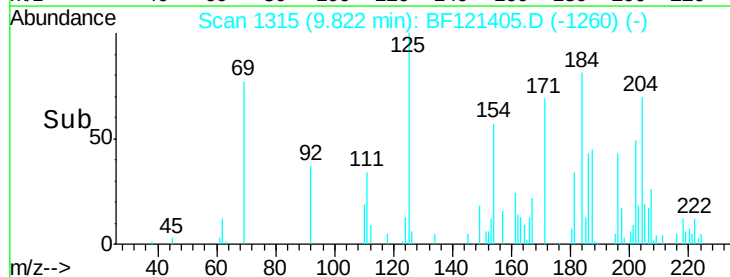
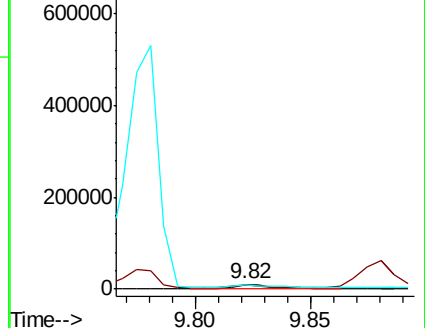
154 91.2 48.0 72.0#

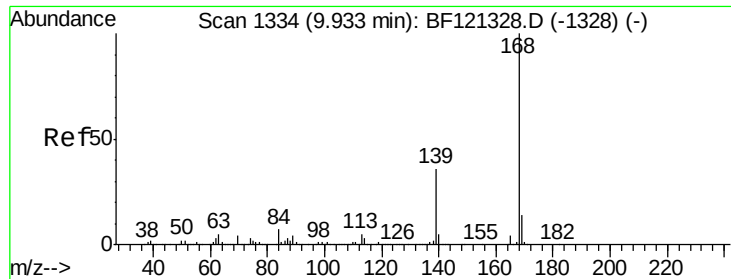


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

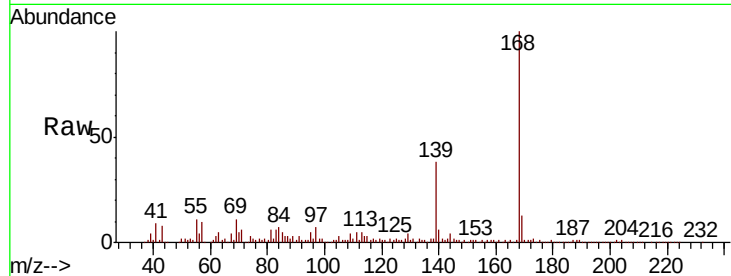




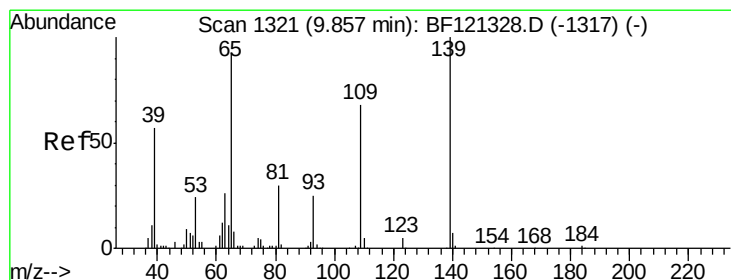
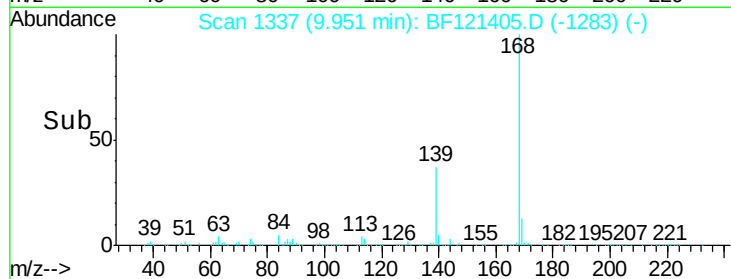
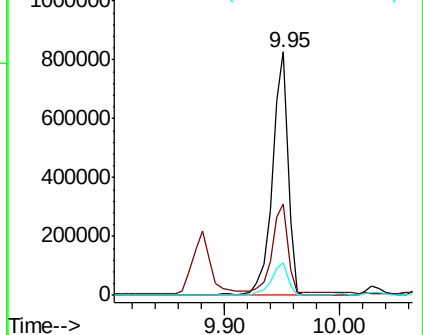
#55  
Dibenzofuran  
Concen: 48.961 ng  
RT: 9.95 min Scan# 1337  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:168 Resp: 777513  
Ion Ratio Lower Upper  
168 100  
139 37.6 29.1 43.7  
169 13.3 11.0 16.6

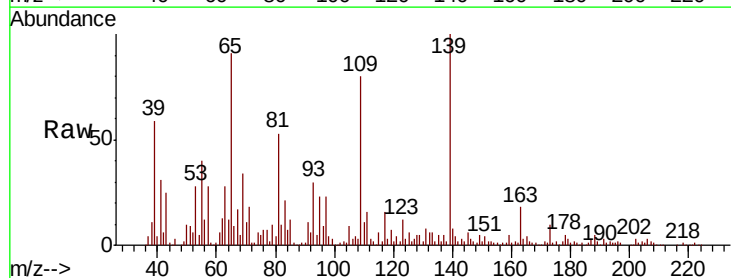


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

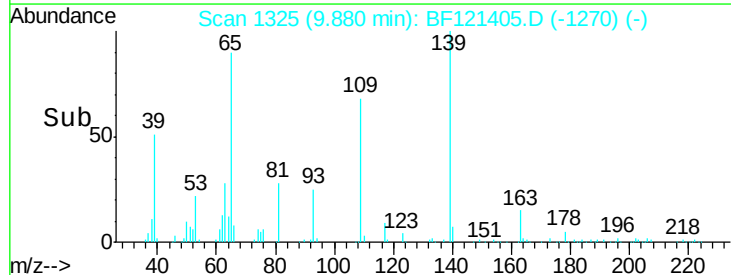
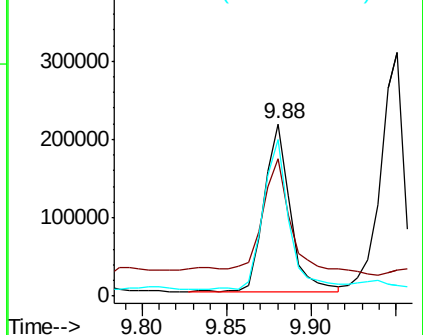


#56  
4-Nitrophenol  
Concen: 84.489 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

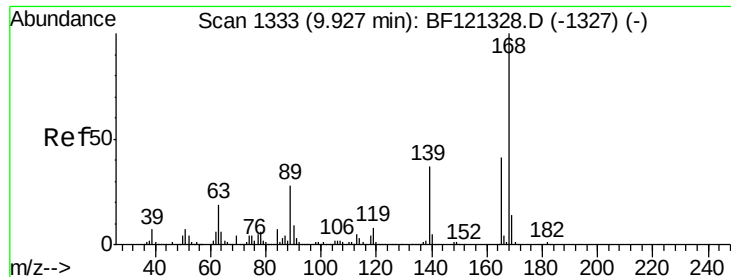
Tgt Ion:139 Resp: 228330  
Ion Ratio Lower Upper  
139 100  
109 79.6 47.7 87.7  
65 91.3 73.2 113.2



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







#57

2,4-Dinitrotoluene

Concen: 41.491 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

Tot Ion:165 Resp: 177308

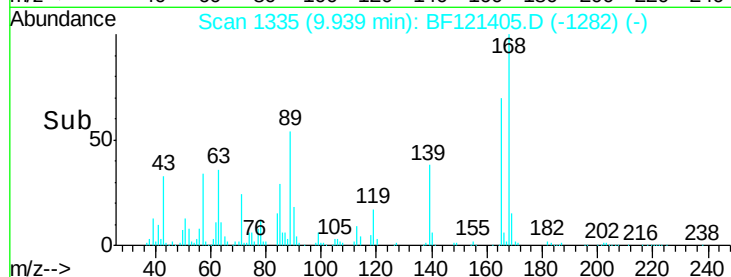
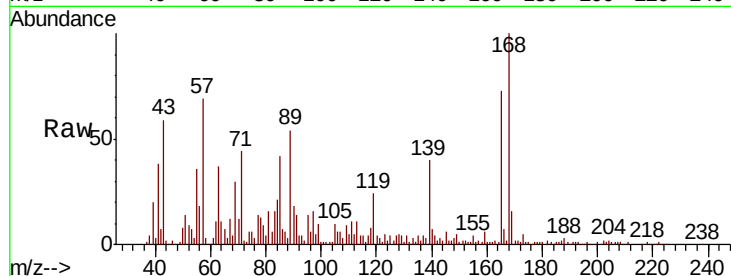
Ion Ratio Lower Upper

165 100

63 50.5 37.5 56.3

89 74.6 54.2 81.4

182 3.3 2.2 3.4

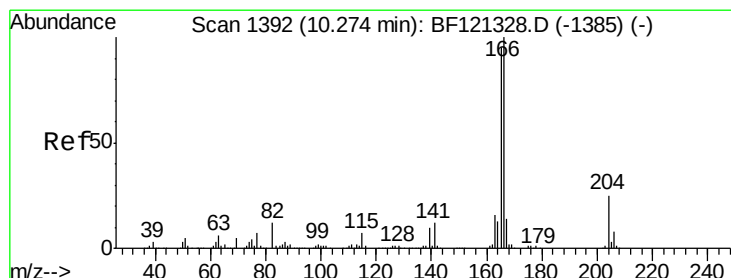
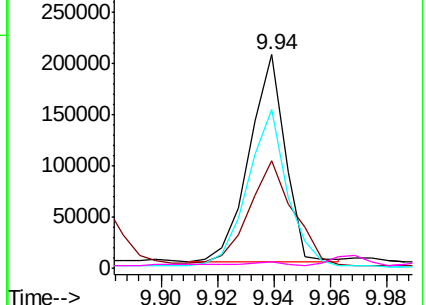


Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.897 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

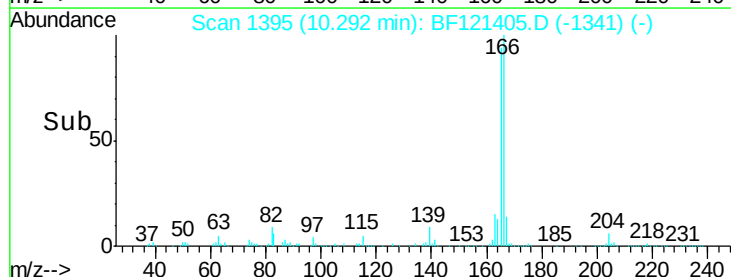
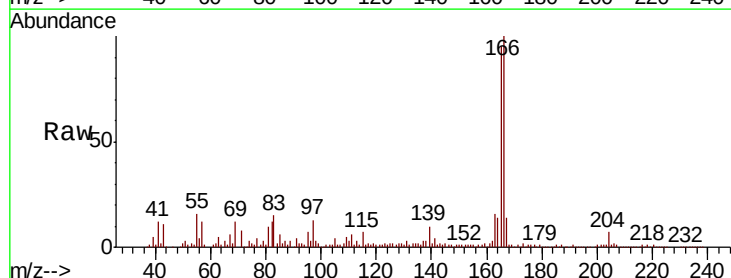
Tgt Ion:166 Resp: 580621

Ion Ratio Lower Upper

166 100

165 94.8 75.8 113.8

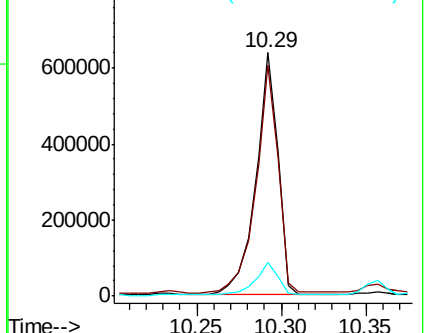
167 13.9 11.0 16.4

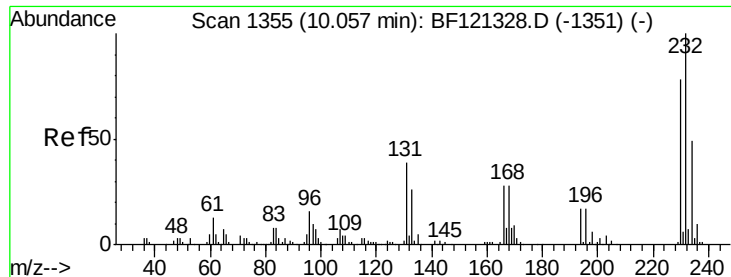


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

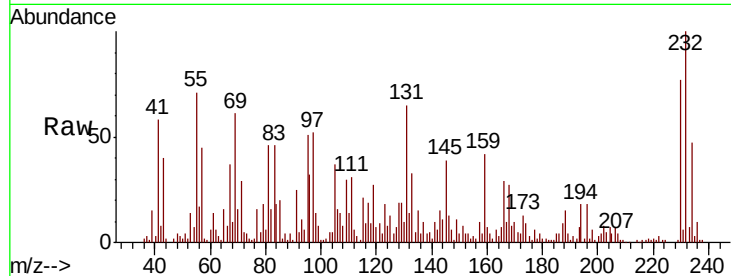




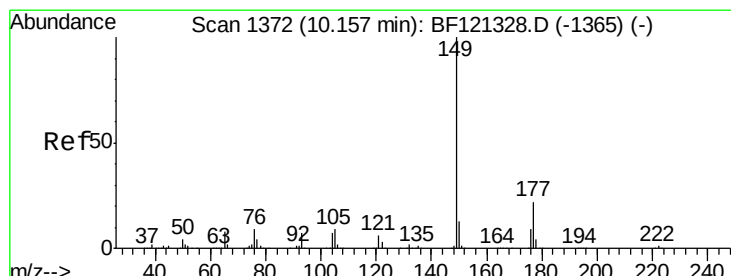
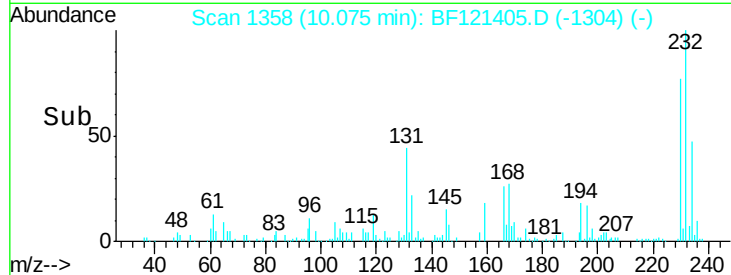
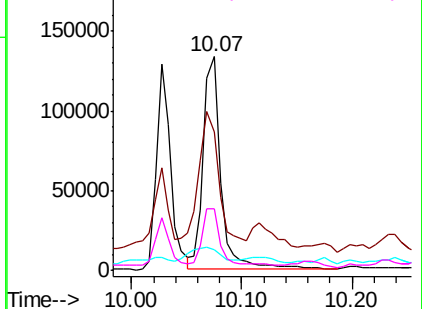
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 35.693 ng  
RT: 10.07 min Scan# 1358  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:232 Resp: 143600  
Ion Ratio Lower Upper  
232 100  
131 73.7 34.2 51.4#  
130 11.4 1.7 2.5#  
166 26.3 22.3 33.5

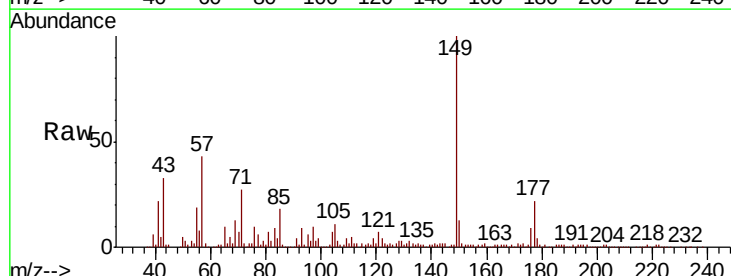


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

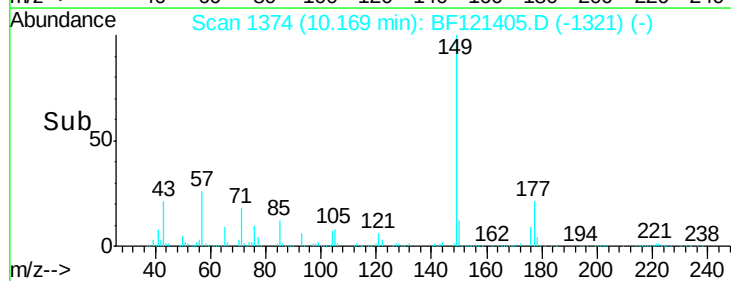
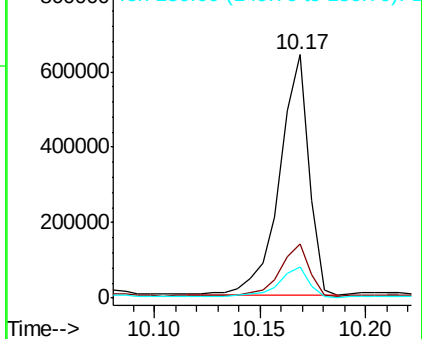


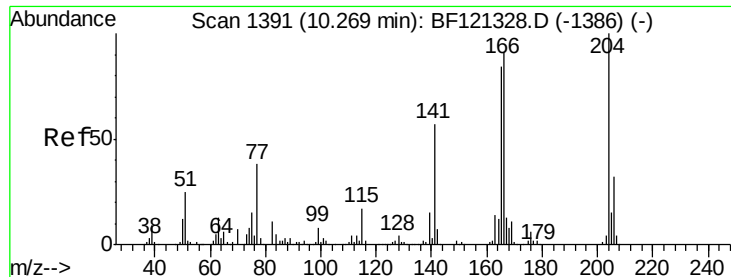
#60  
Diethylphthalate  
Concen: 39.037 ng  
RT: 10.17 min Scan# 1374  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:149 Resp: 625232  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.6 26.4  
150 13.0 10.1 15.1



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

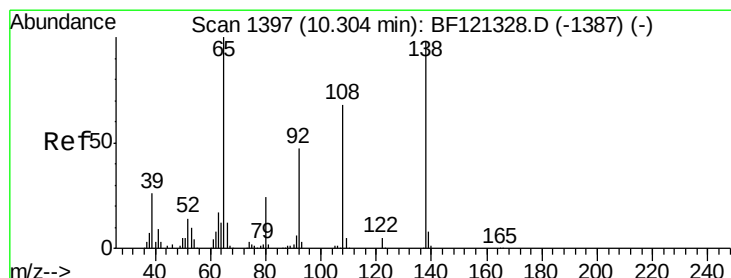
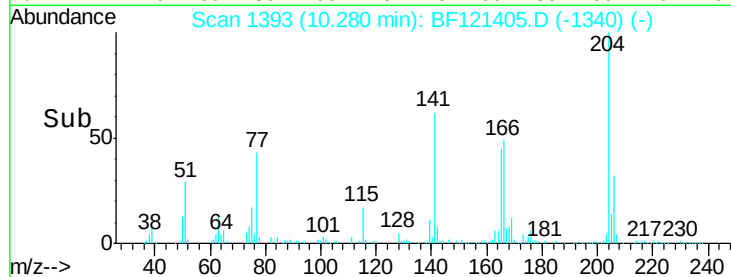
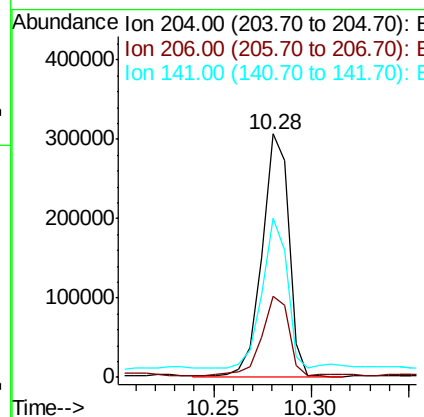
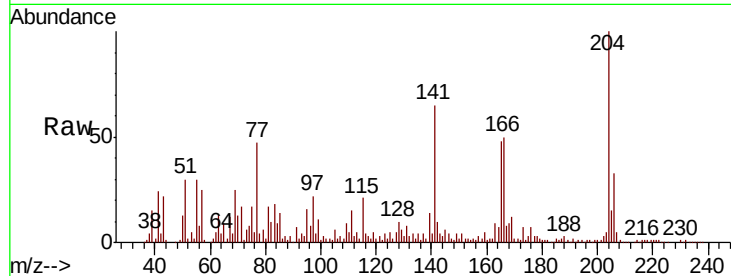




#61  
4-Chlorophenyl-phenylether  
Concen: 49.593 ng  
RT: 10.28 min Scan# 1393  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

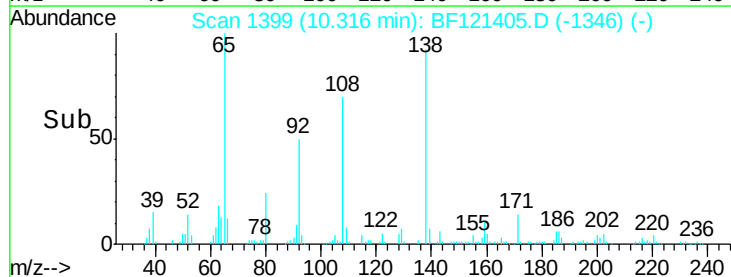
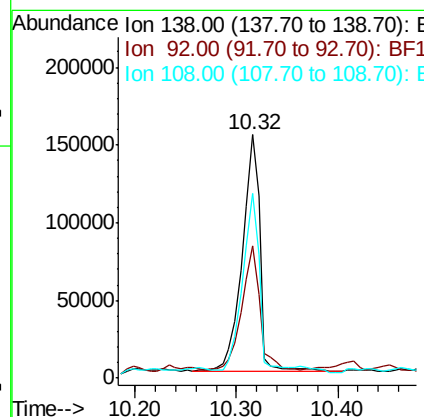
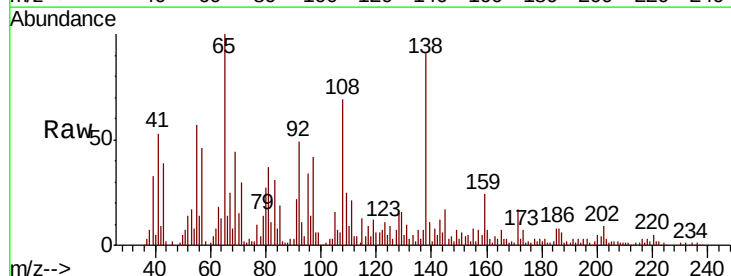
Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

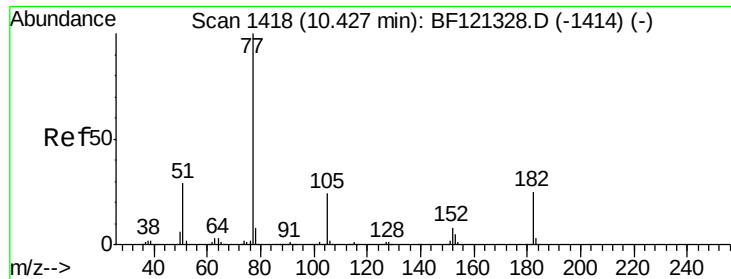
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 25.9  | 38.9  |
| 141     | 65.3  | 45.5  | 68.3  |



#62  
4-Nitroaniline  
Concen: 41.580 ng  
RT: 10.32 min Scan# 1399  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.5  | 28.1  | 68.1  |
| 108     | 75.9  | 49.5  | 89.5  |

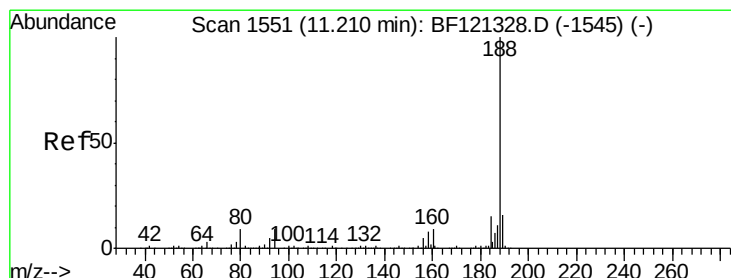
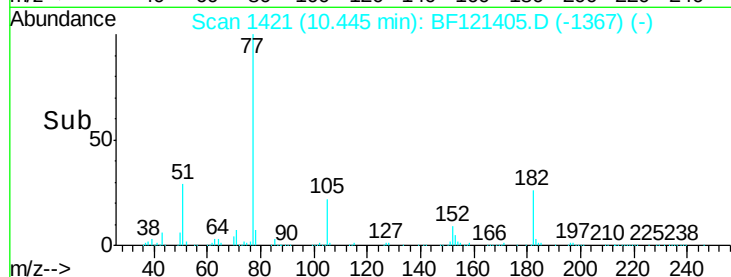
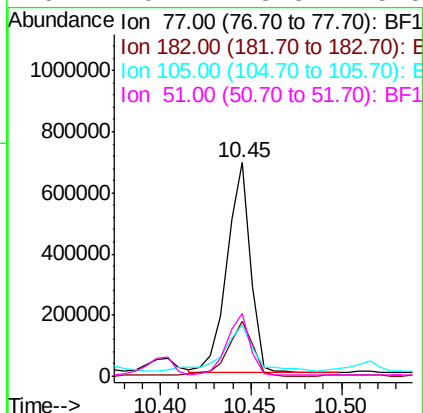
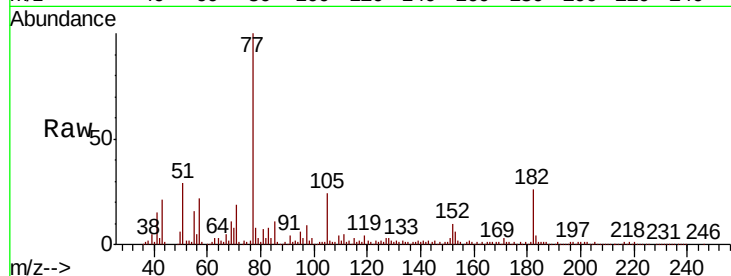




#63  
Azobenzene  
Concen: 41.333 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

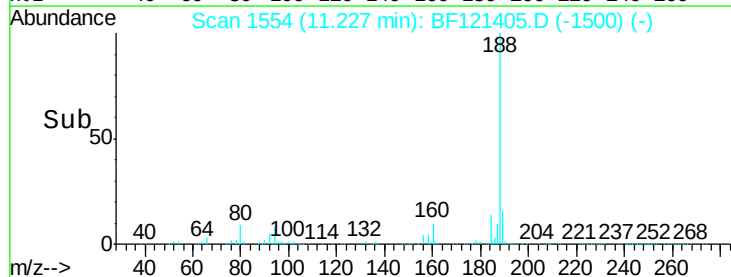
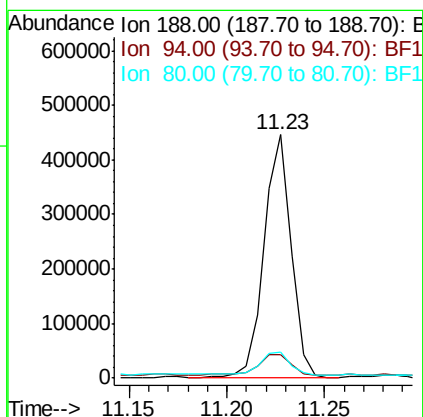
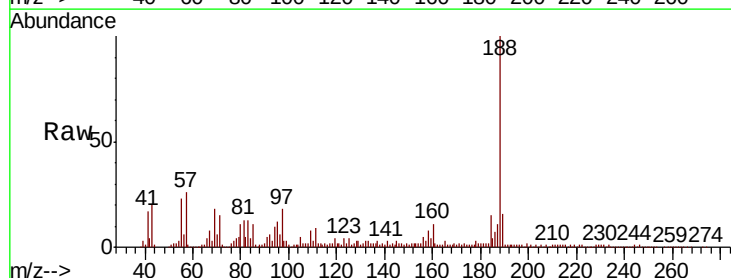
Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

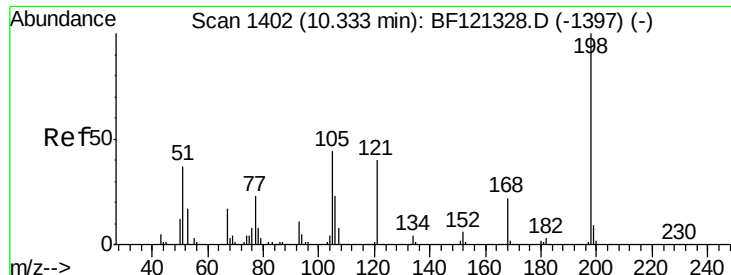
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 614878 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 25.9  | 5.0   | 45.0   |
| 105      | 24.1  | 3.6   | 43.6   |
| 51       | 29.2  | 8.8   | 48.8   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.23 min Scan# 1554  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 422551 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 9.9   | 7.2   | 10.8   |
| 80       | 10.6  | 7.4   | 11.0   |





#65

4,6-Dinitro-2-methylphenol

Concen: 9.793 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

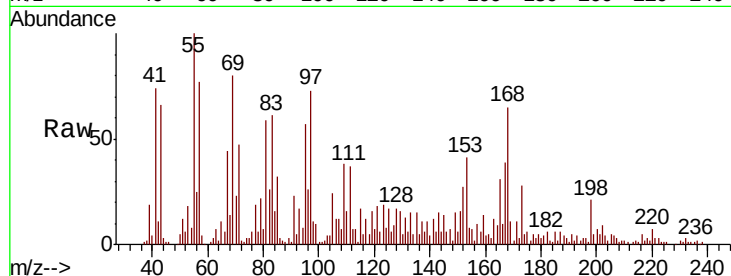
Tot Ion:198 Resp: 22129

Ion Ratio Lower Upper

198 100

51 59.1 25.5 65.5

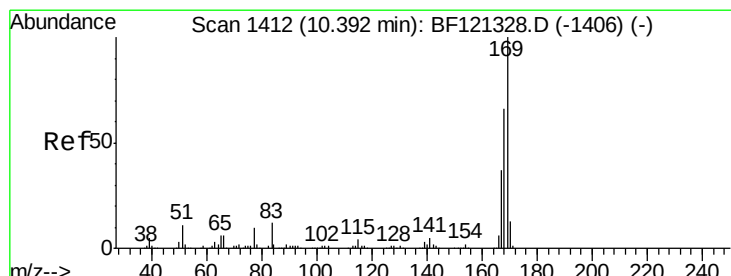
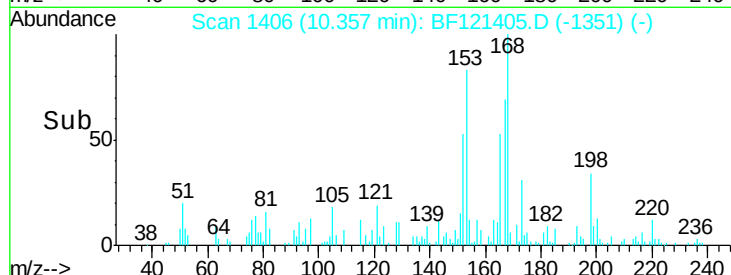
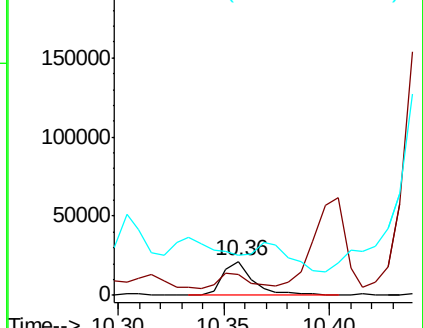
105 116.5 24.9 64.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.558 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

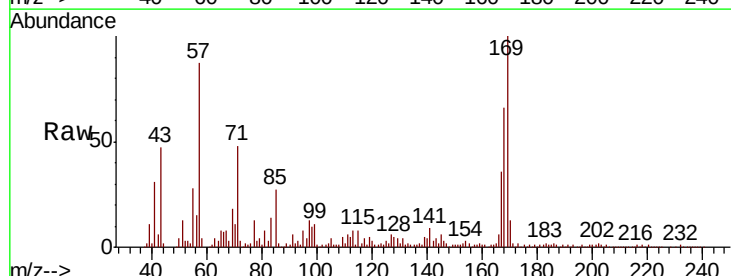
Tgt Ion:169 Resp: 463453

Ion Ratio Lower Upper

169 100

168 65.7 53.0 79.6

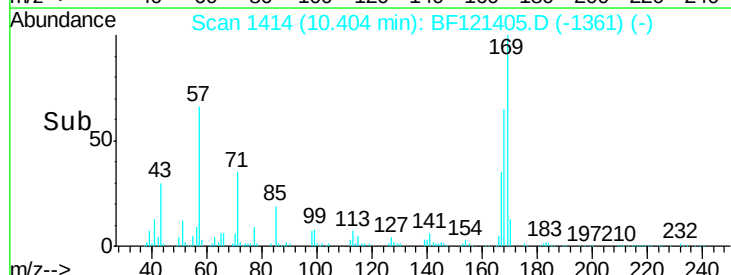
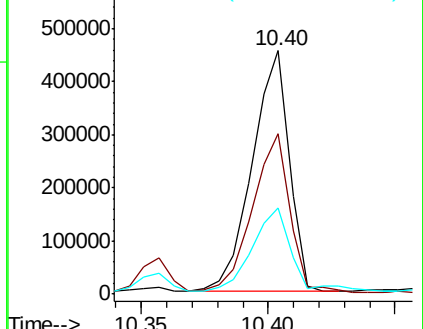
167 35.6 29.5 44.3

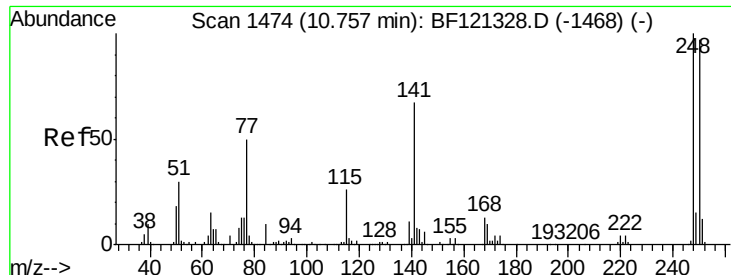


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

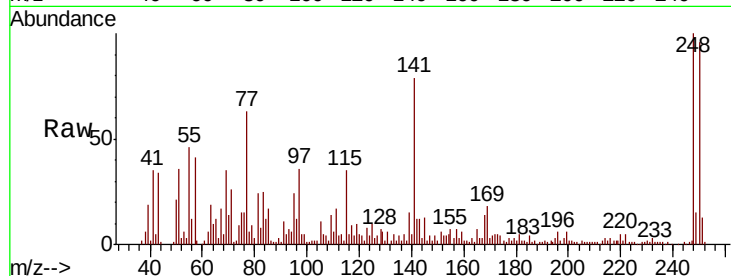




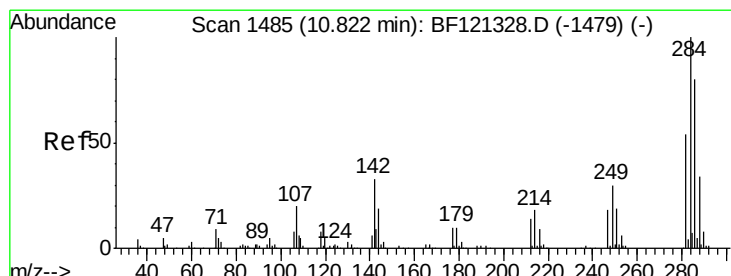
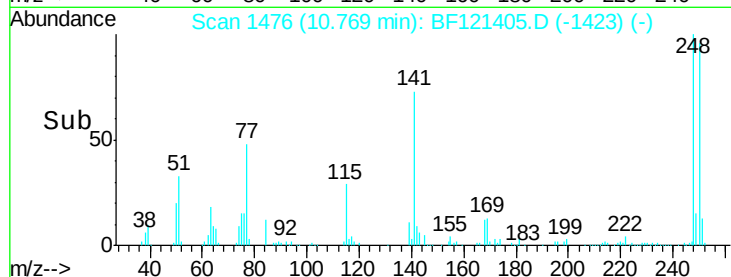
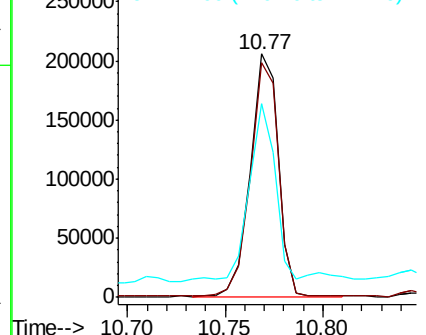
#67  
4-Bromophenyl-phenylether  
Concen: 43.204 ng  
RT: 10.77 min Scan# 1476  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:248 Resp: 202504  
Ion Ratio Lower Upper  
248 100  
250 96.2 77.9 116.9  
141 79.3 53.5 80.3

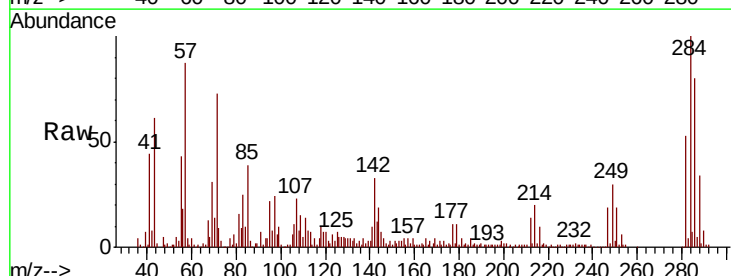


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

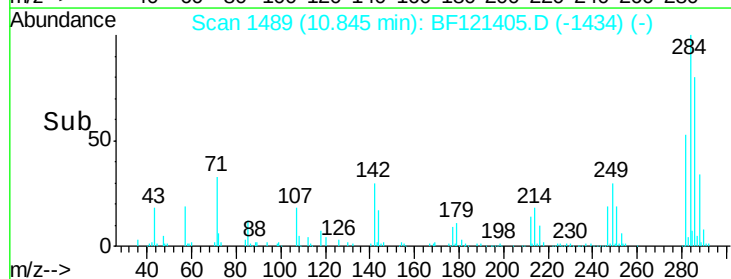
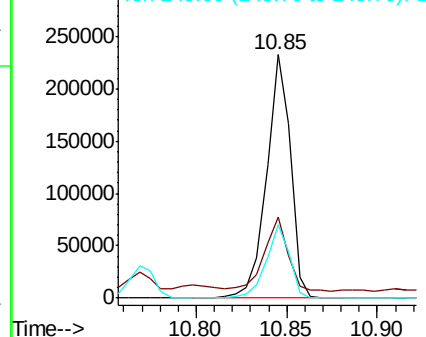


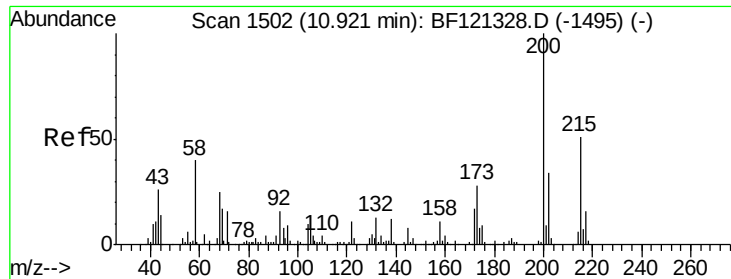
#68  
Hexachlorobenzene  
Concen: 39.444 ng  
RT: 10.85 min Scan# 1489  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:284 Resp: 213109  
Ion Ratio Lower Upper  
284 100  
142 33.4 26.1 39.1  
249 30.1 24.0 36.0



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





#69

Atrazine

Concen: 45.940 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

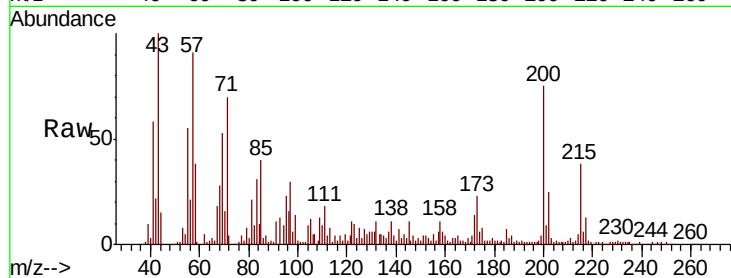
Tot Ion:200 Resp: 185487

Ion Ratio Lower Upper

200 100

173 30.1 7.8 47.8

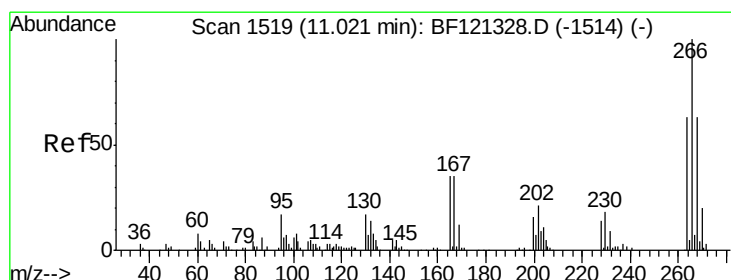
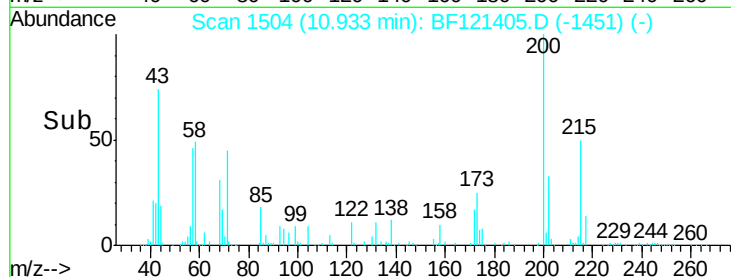
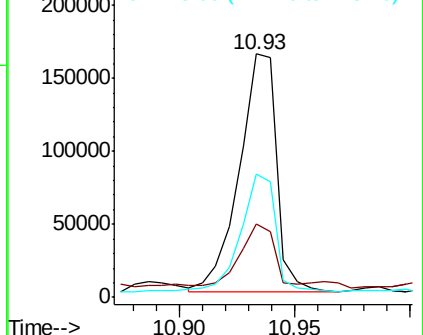
215 50.5 30.5 70.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.606 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

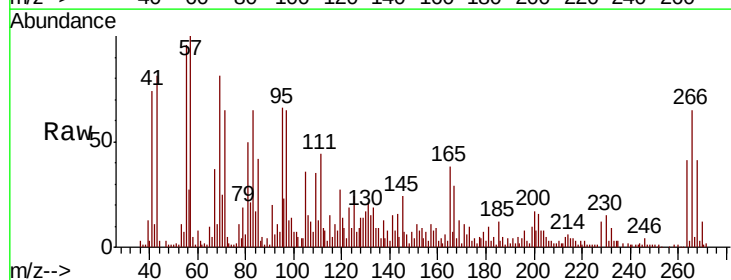
Tgt Ion:266 Resp: 90400

Ion Ratio Lower Upper

266 100

268 62.3 50.6 75.8

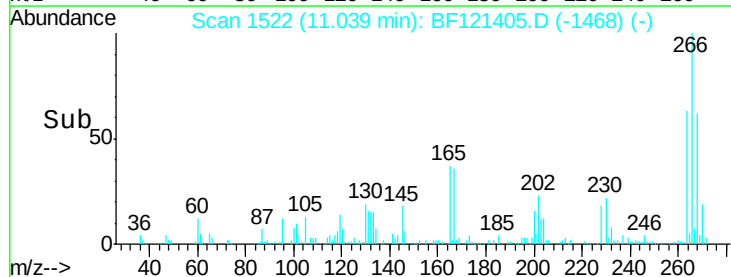
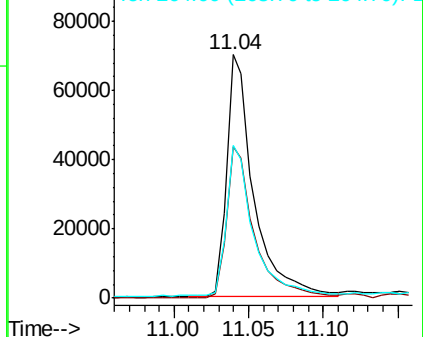
264 62.5 50.5 75.7

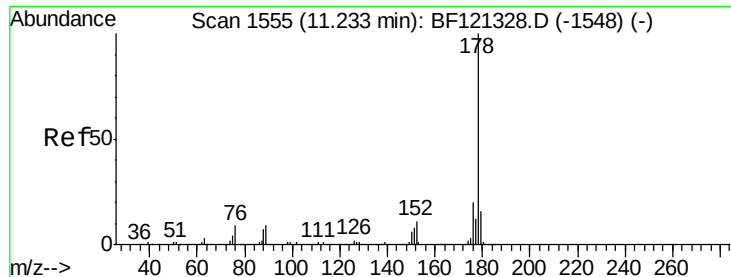


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

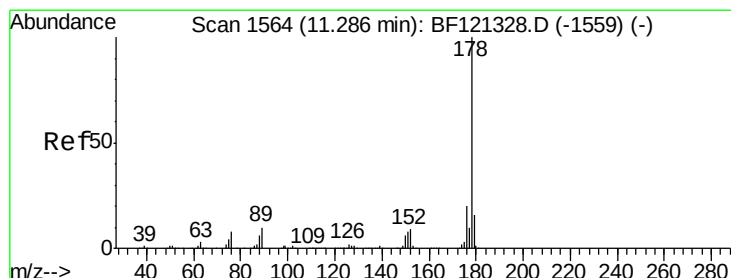
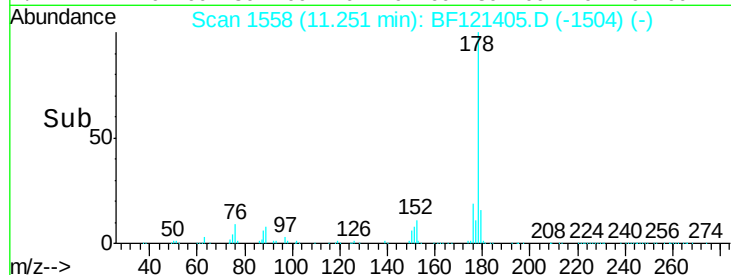
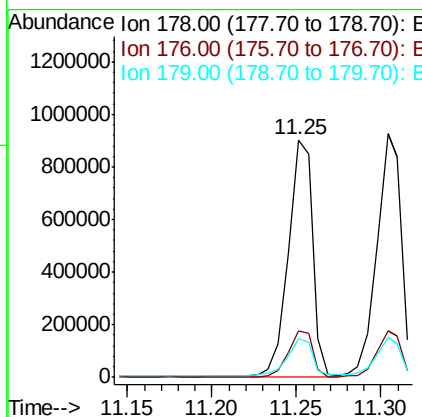
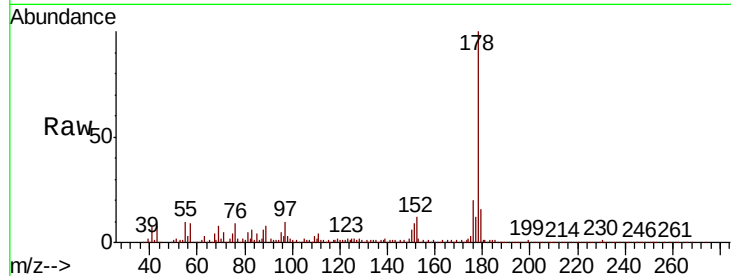




#71  
Phenanthrene  
Concen: 40.921 ng  
RT: 11.25 min Scan# 1558  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

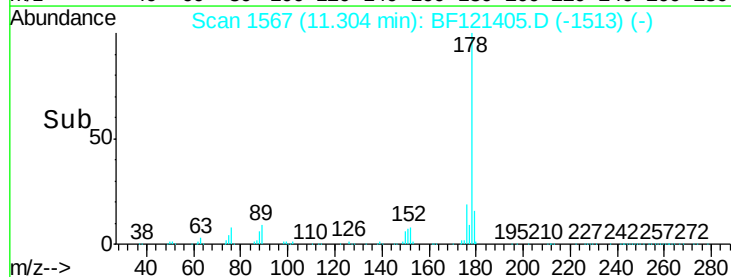
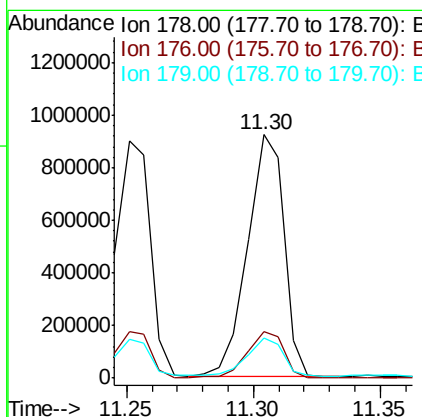
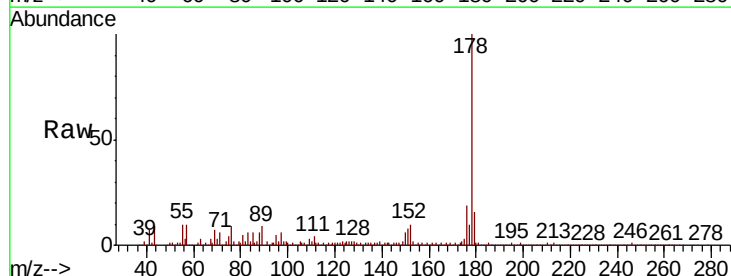
Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:178 Resp: 894904  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.0 24.0  
179 16.2 12.8 19.2

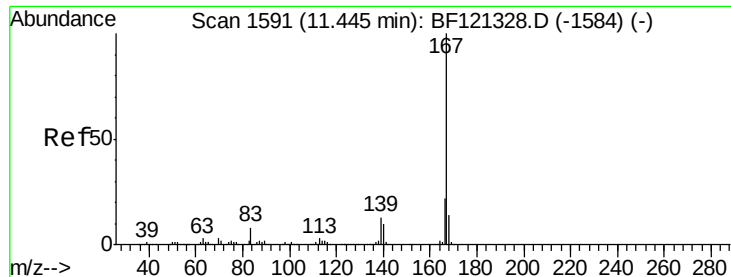


#72  
Anthracene  
Concen: 43.911 ng  
RT: 11.30 min Scan# 1567  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:178 Resp: 924743  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.6 23.4  
179 16.3 12.8 19.2



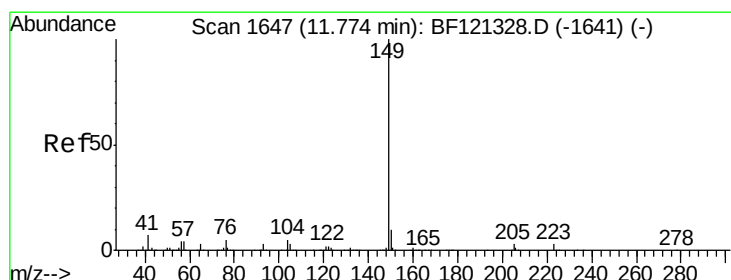
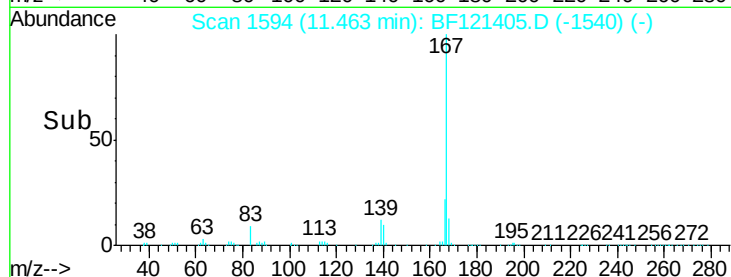
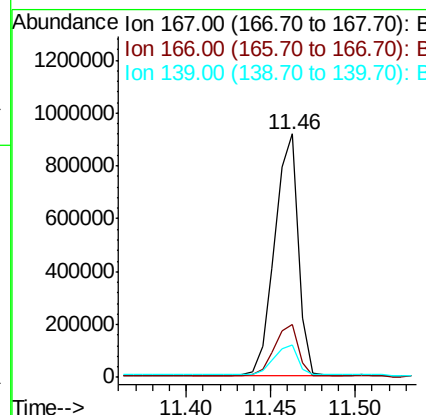
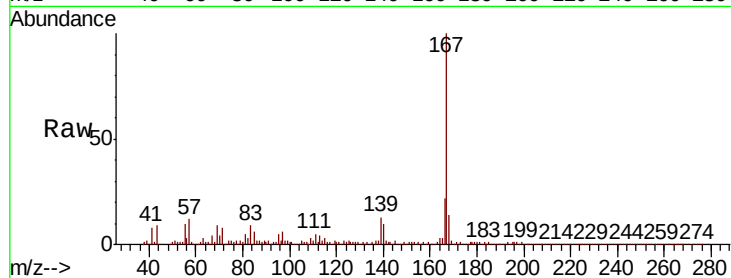




#73  
 Carbazole  
 Concen: 43.576 ng  
 RT: 11.46 min Scan# 1594  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

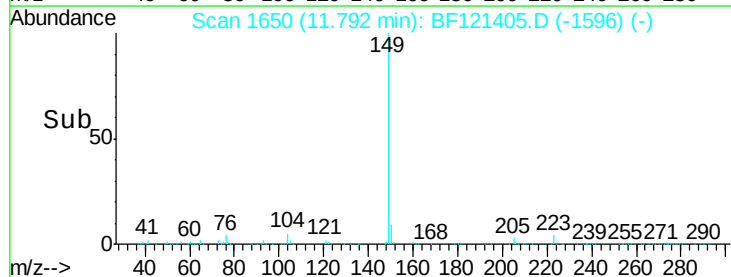
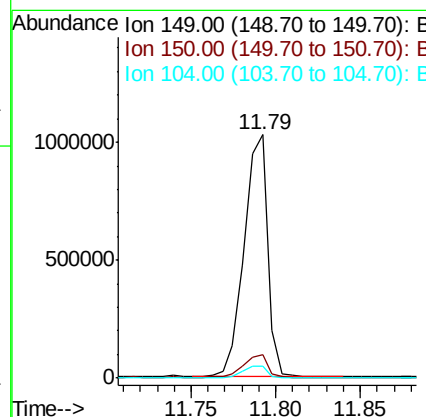
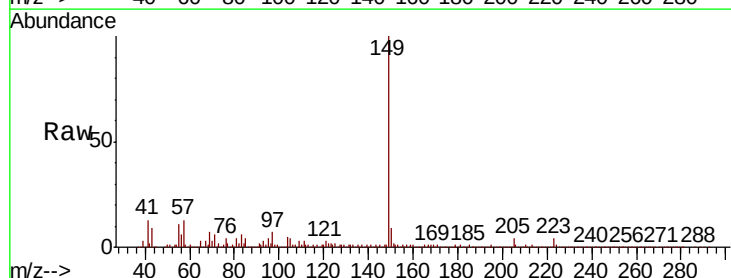
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

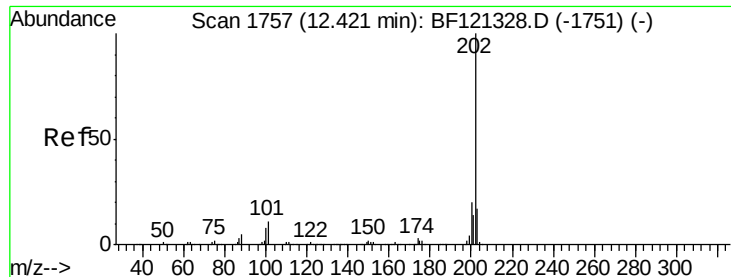
Tot Ion:167 Resp: 875809  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 17.7 26.5  
 139 13.5 10.2 15.2



#74  
 Di-n-butylphthalate  
 Concen: 40.761 ng  
 RT: 11.79 min Scan# 1650  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion:149 Resp: 987881  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 44.776 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

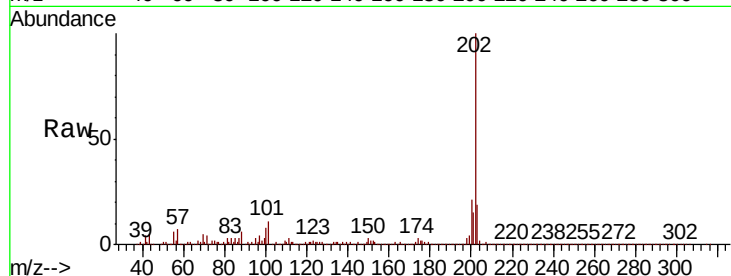
Tot Ion:202 Resp: 1062847

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.6

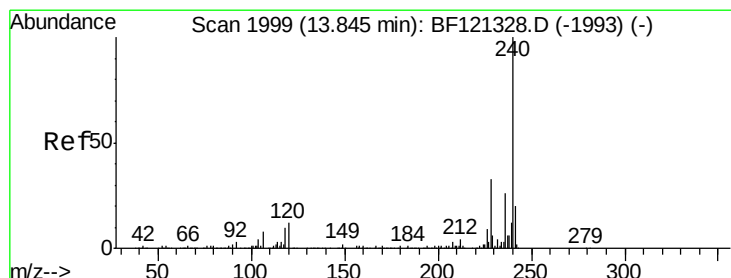
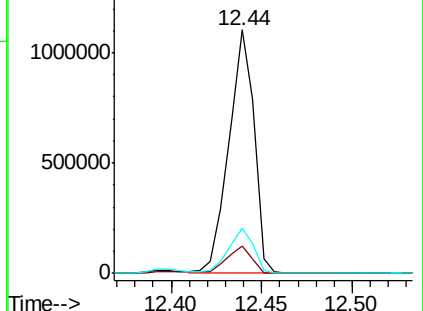
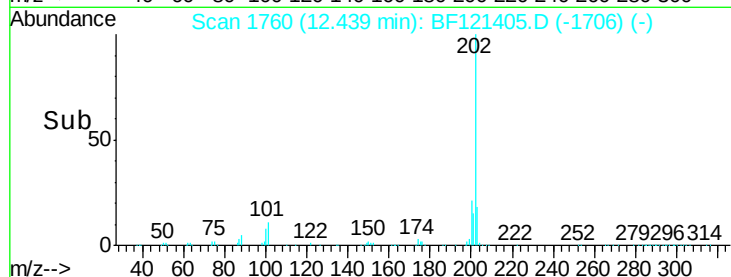
203 18.5 0.0 37.5



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: 13.86 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

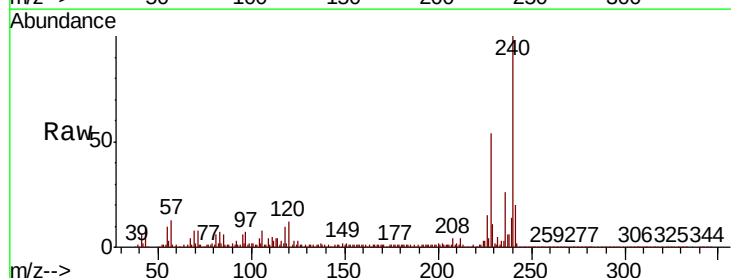
Tgt Ion:240 Resp: 334217

Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

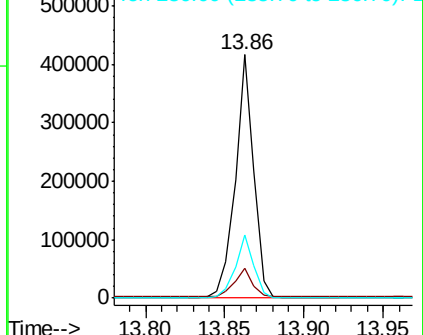
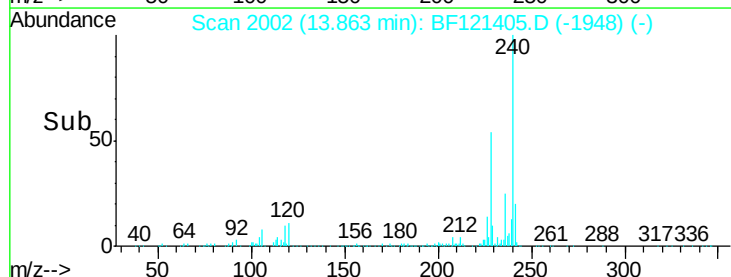
236 25.7 20.6 31.0

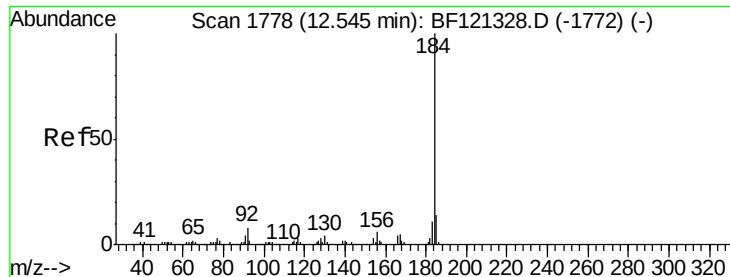


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 71.823 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

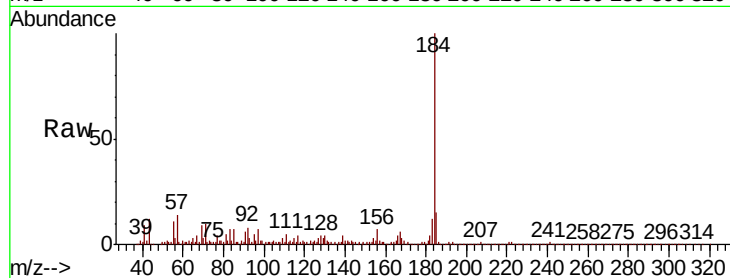
Tot Ion:184 Resp: 661342

Ion Ratio Lower Upper

184 100

185 15.2 11.6 17.4

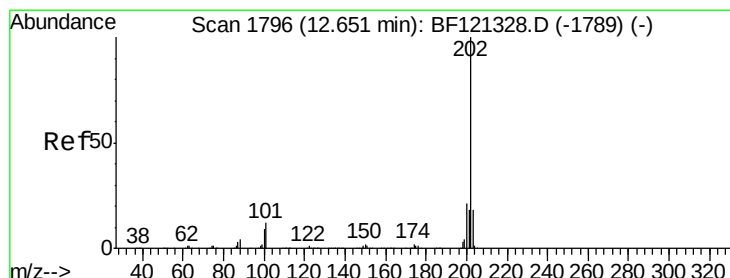
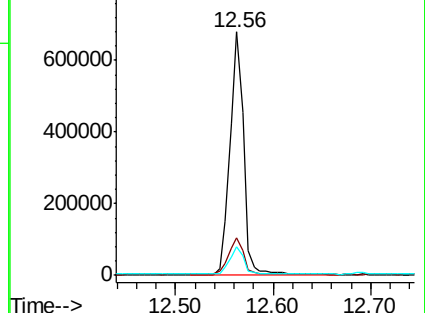
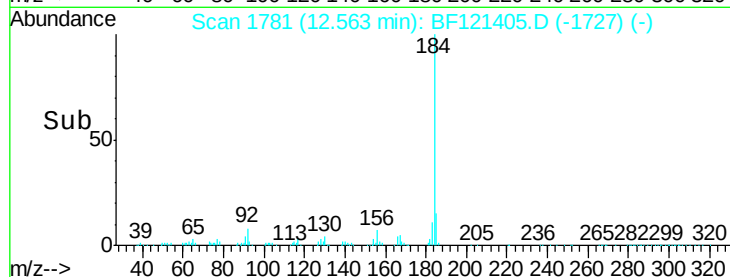
183 11.9 8.7 13.1



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: 43.591 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.02 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

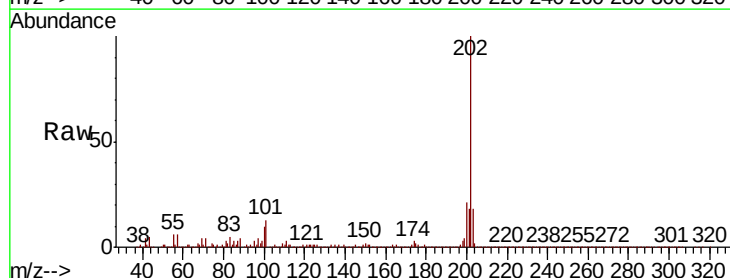
Tgt Ion:202 Resp: 1094379

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

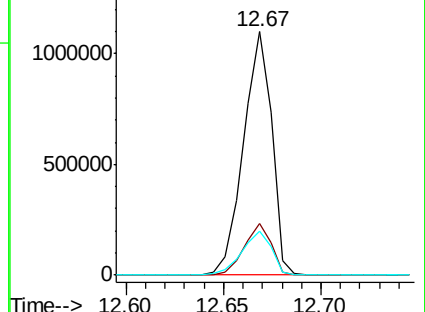
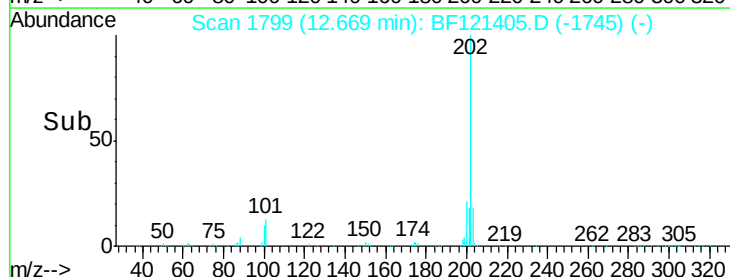
203 18.1 14.2 21.2

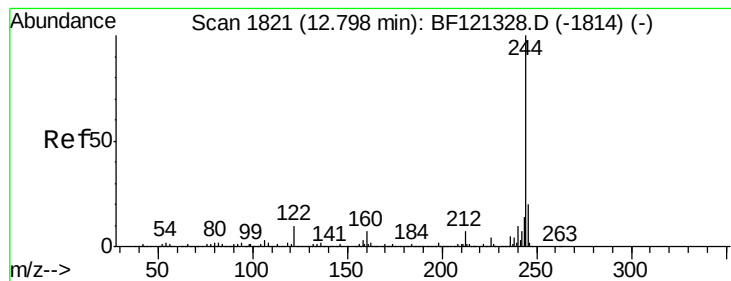


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.882 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

Instrument :

BNA\_P

ClientSampleId :

DRUM-COMPMS

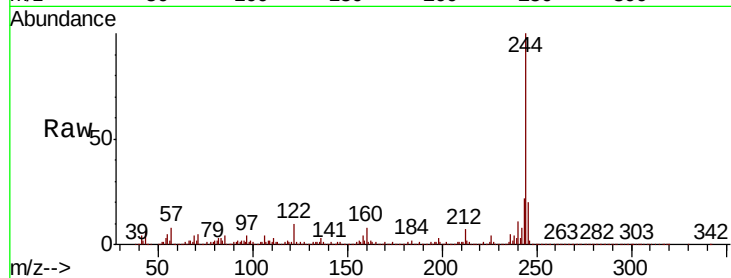
Tot Ion:244 Resp: 1092561

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

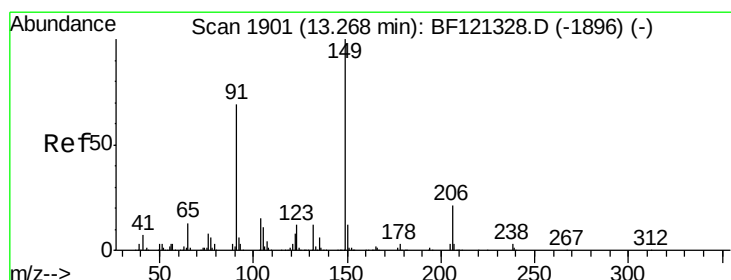
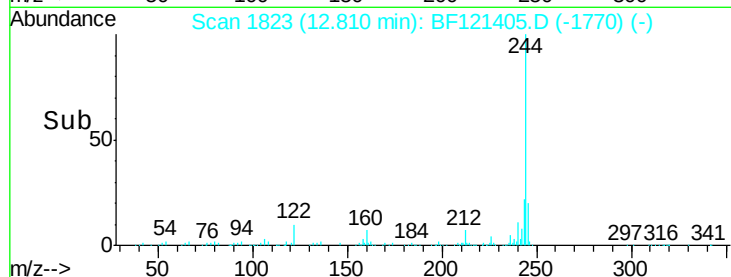
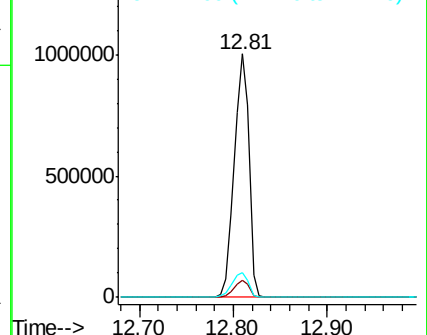
122 10.2 7.8 11.8



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: 47.451 ng

RT: 13.28 min Scan# 1903

Delta R.T. 0.01 min

Lab File: BF121405.D

Acq: 24 Aug 2020 18:22

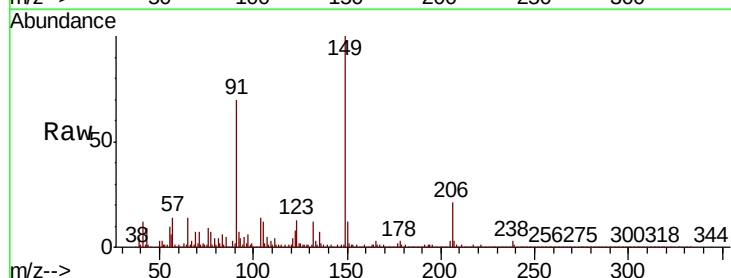
Tgt Ion:149 Resp: 511878

Ion Ratio Lower Upper

149 100

91 69.7 55.2 82.8

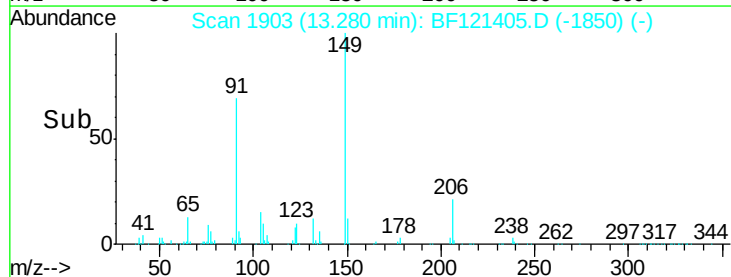
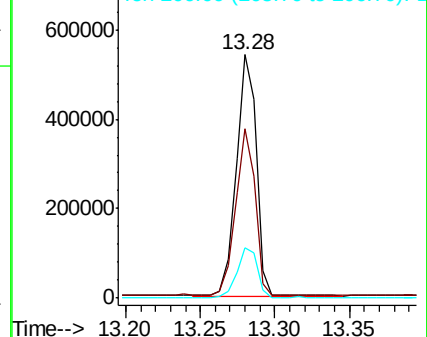
206 20.9 16.8 25.2

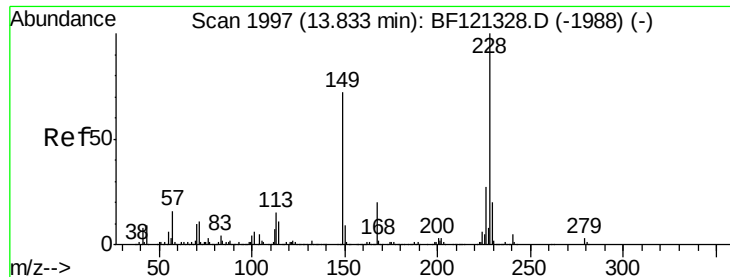


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

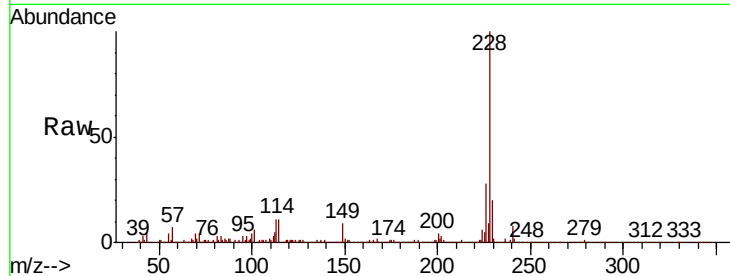




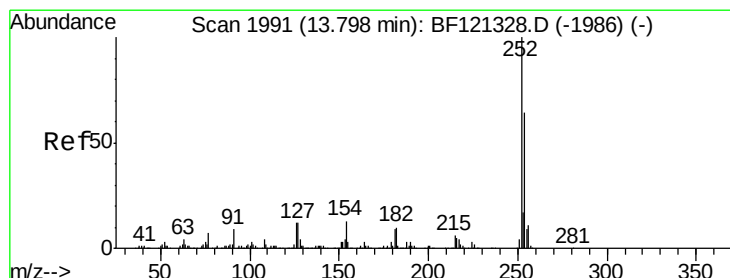
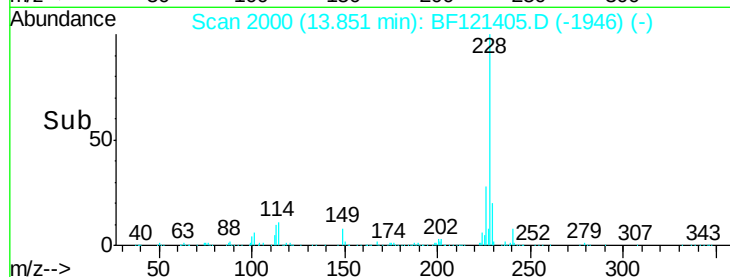
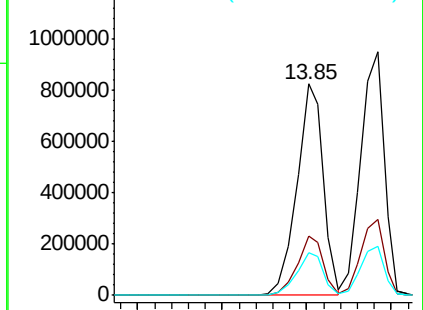
#81  
Benzo(a)anthracene  
Concen: 43.037 ng  
RT: 13.85 min Scan# 2000  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:228 Resp: 893394  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.8 32.6  
229 20.4 15.8 23.8

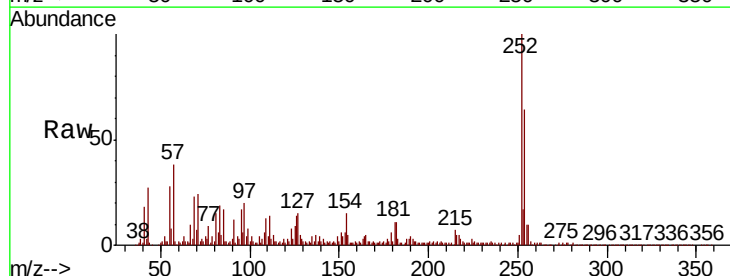


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

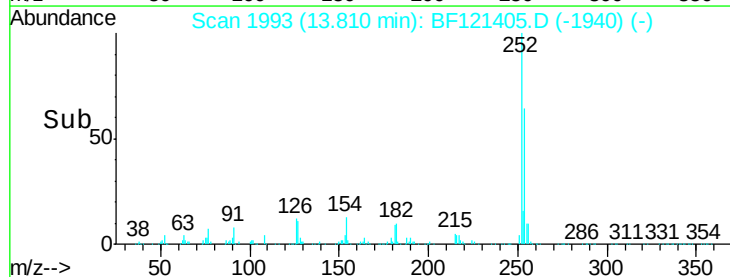
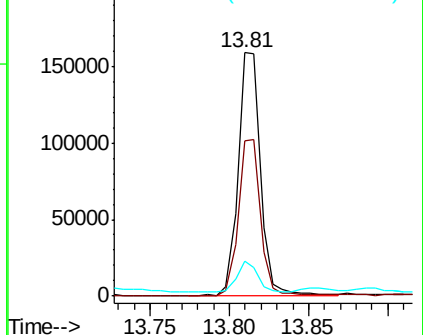


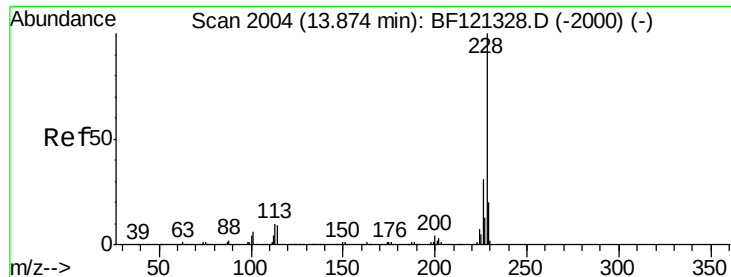
#82  
3,3'-Dichlorobenzidine  
Concen: 19.424 ng  
RT: 13.81 min Scan# 1993  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:252 Resp: 154814  
Ion Ratio Lower Upper  
252 100  
254 63.6 51.5 77.3  
126 14.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E

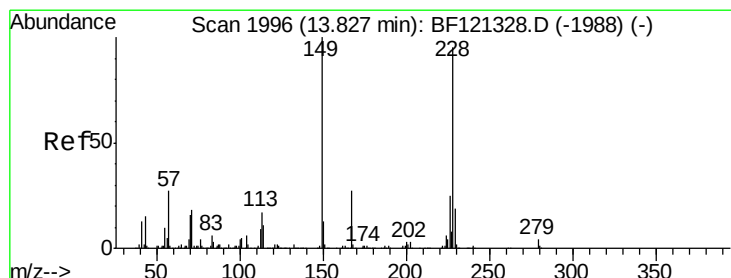
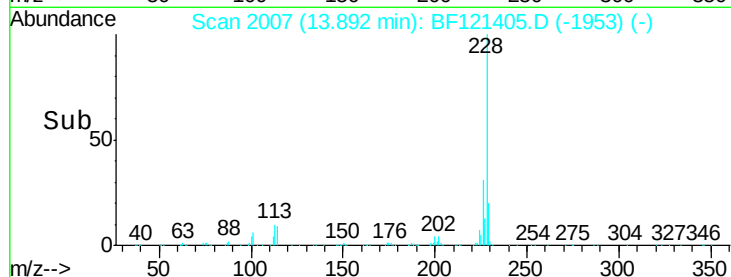
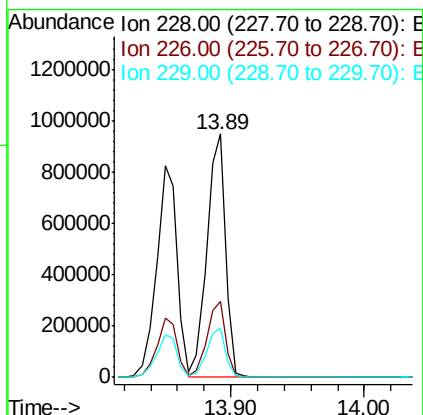
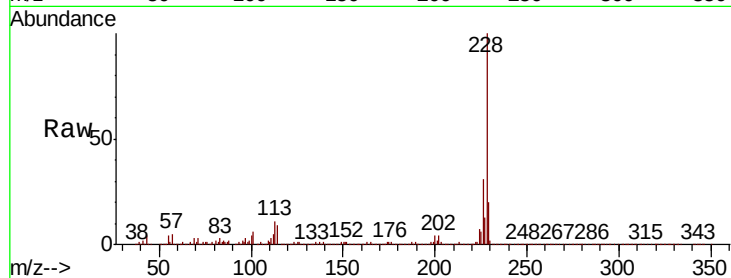




#83  
 Chrysene  
 Concen: 43.220 ng  
 RT: 13.89 min Scan# 2007  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

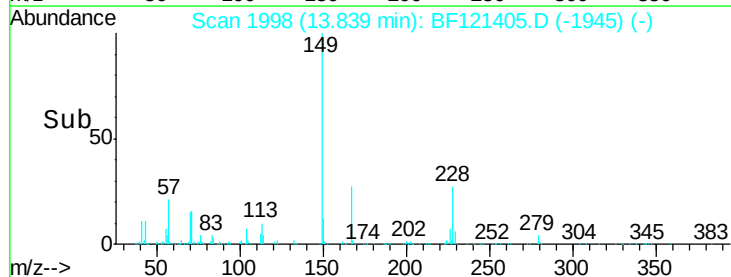
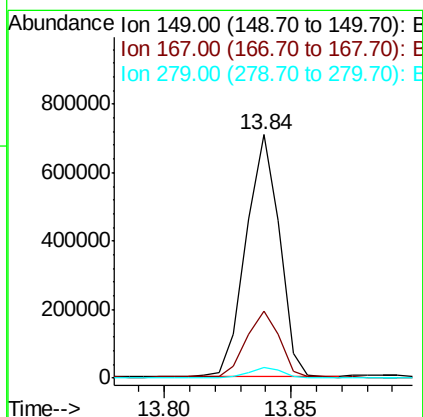
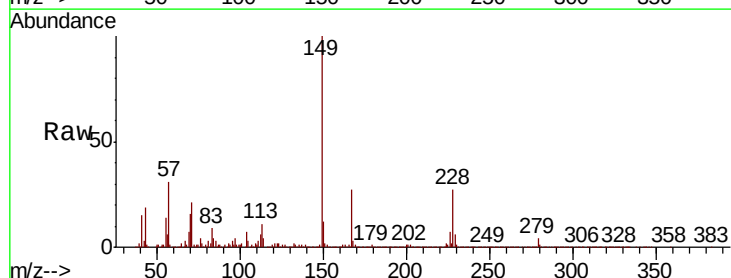
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

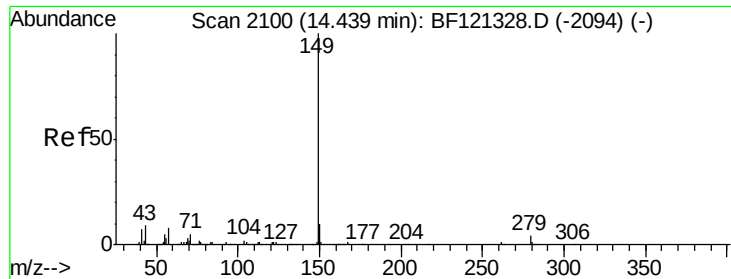
Tot Ion:228 Resp: 917600  
 Ion Ratio Lower Upper  
 228 100  
 226 31.3 24.6 36.8  
 229 20.1 15.9 23.9



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.744 ng  
 RT: 13.84 min Scan# 1998  
 Delta R.T. 0.01 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion:149 Resp: 643747  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 21.5 32.3  
 279 4.2 2.9 4.3

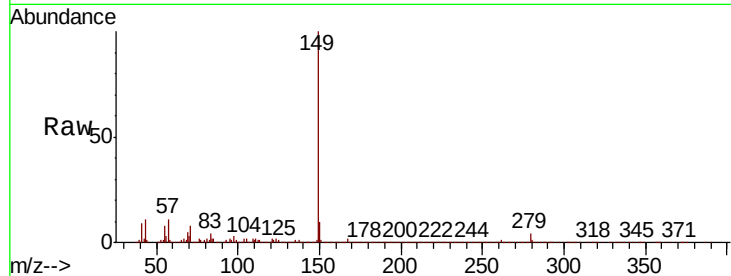




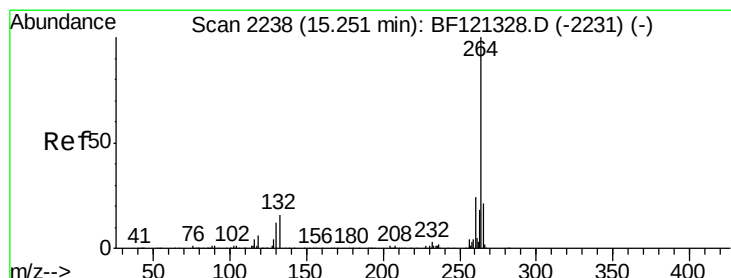
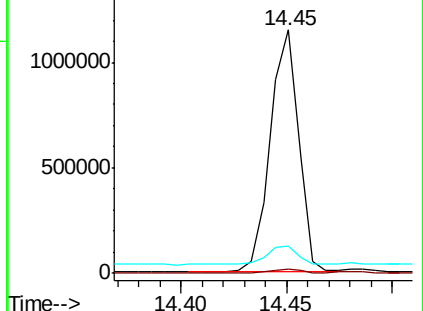
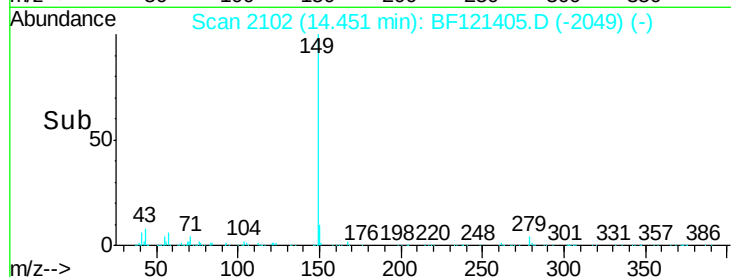
#85  
Di-n-octyl phthalate  
Concen: 45.586 ng  
RT: 14.45 min Scan# 2102  
Delta R.T. 0.01 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:149 Resp: 1070233  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 9.0 7.1 10.7

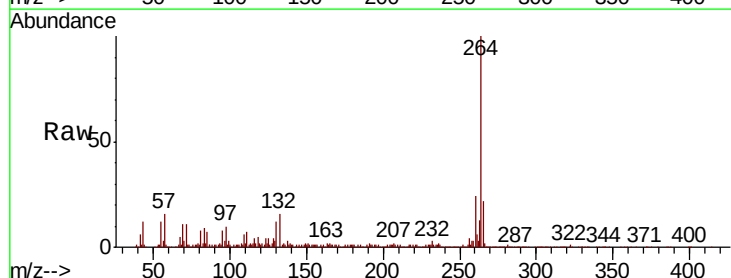


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF1

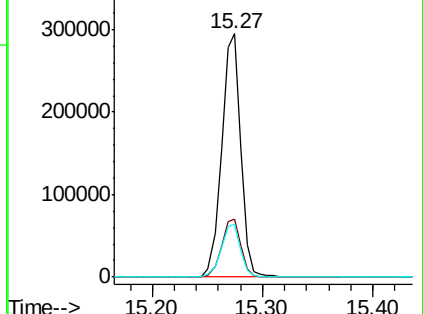
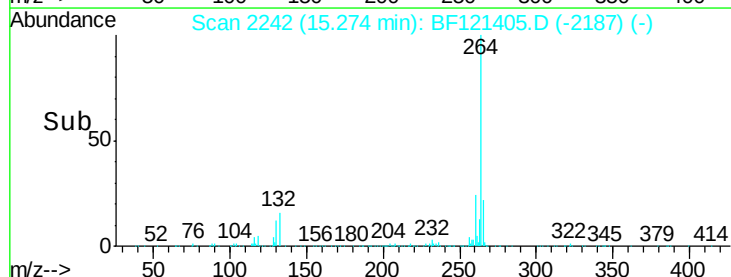


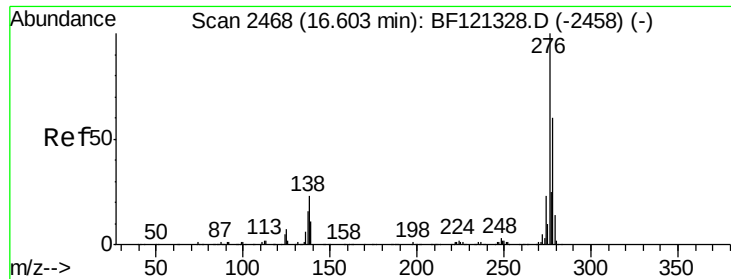
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2242  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:264 Resp: 351699  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.5 29.3  
265 21.8 17.1 25.7



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

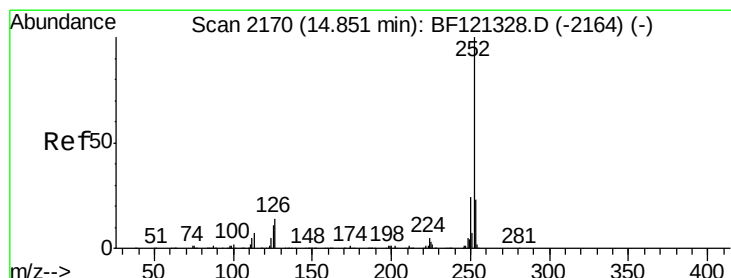
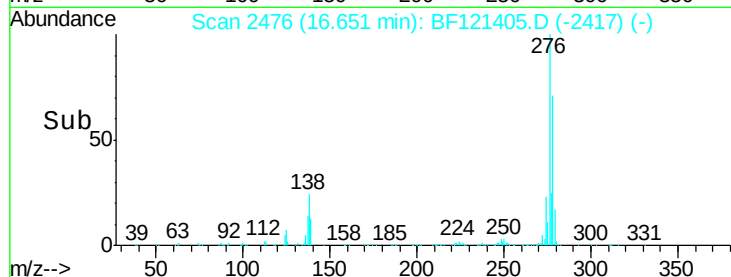
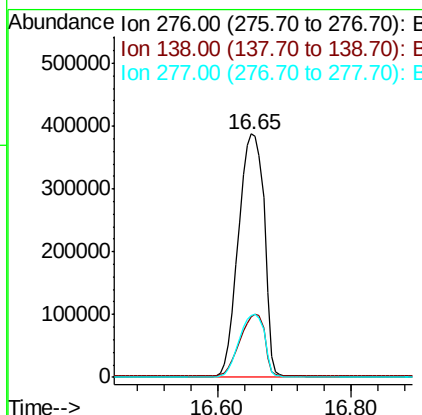
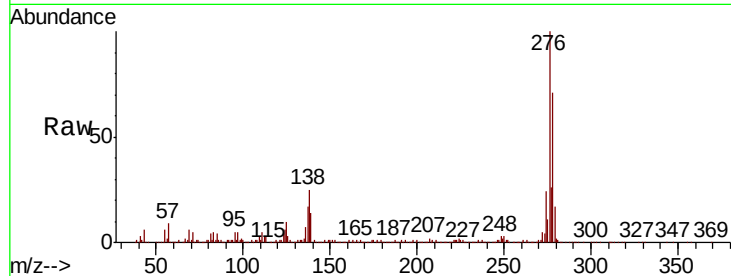




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.068 ng  
 RT: 16.65 min Scan# 2476  
 Delta R.T. 0.05 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

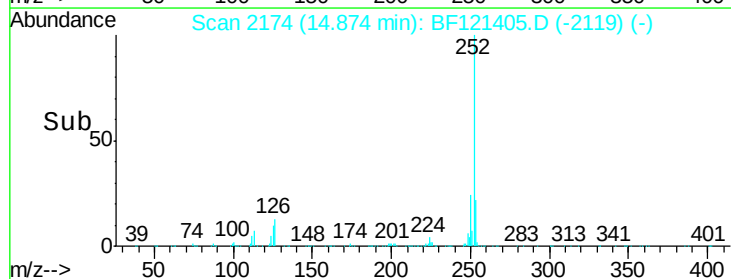
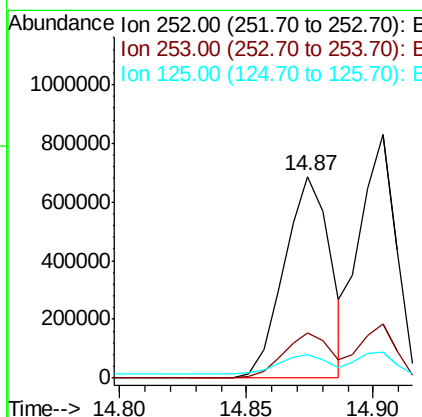
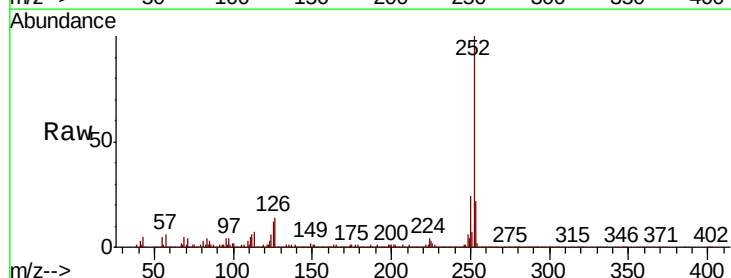
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRUM-COMPMS

Tot Ion:276 Resp: 1031949  
 Ion Ratio Lower Upper  
 276 100  
 138 24.2 19.4 29.0  
 277 25.2 19.9 29.9

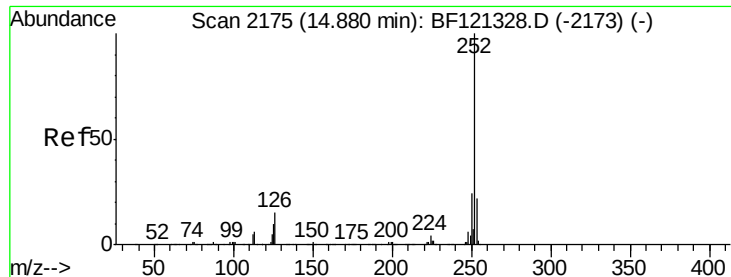


#88  
 Benzo(b)fluoranthene  
 Concen: 38.185 ng  
 RT: 14.87 min Scan# 2174  
 Delta R.T. 0.02 min  
 Lab File: BF121405.D  
 Acq: 24 Aug 2020 18:22

Tgt Ion:252 Resp: 867618  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 18.0 27.0  
 125 11.8 8.6 12.8



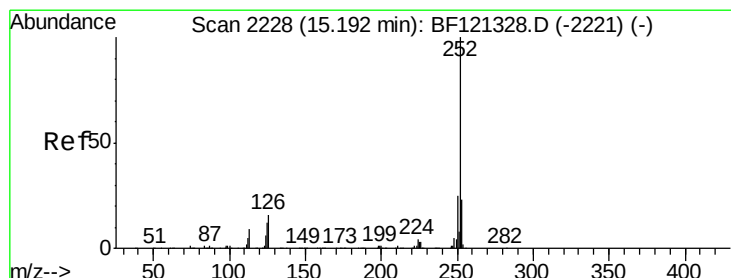
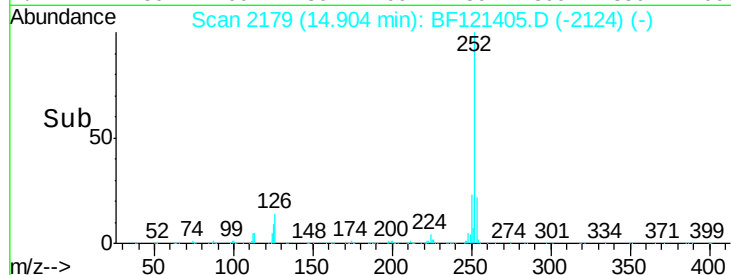
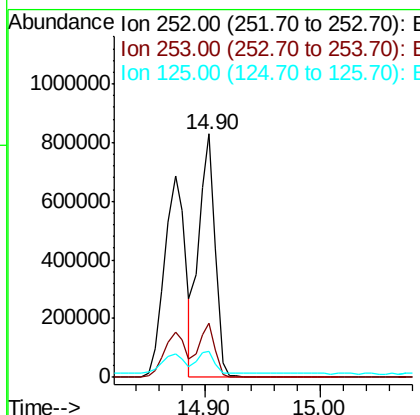
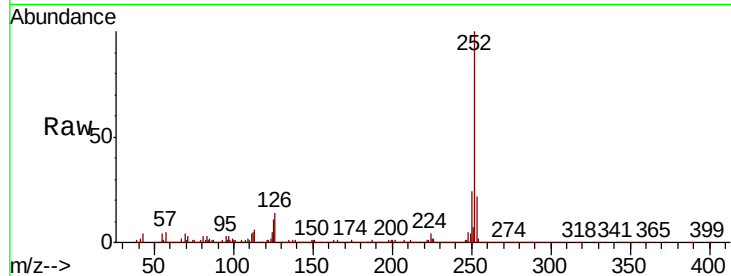




#89  
Benzo(k)fluoranthene  
Concen: 41.166 ng  
RT: 14.90 min Scan# 2179  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

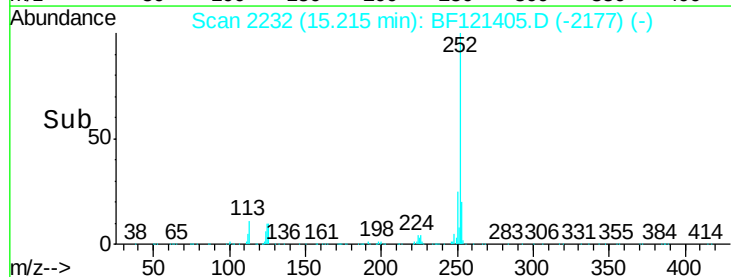
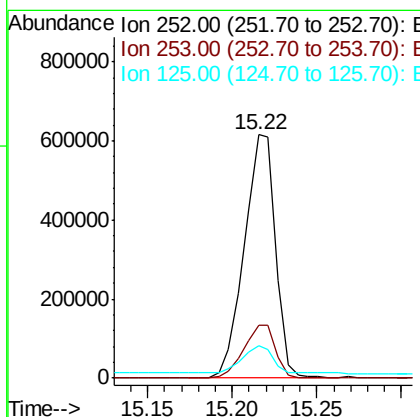
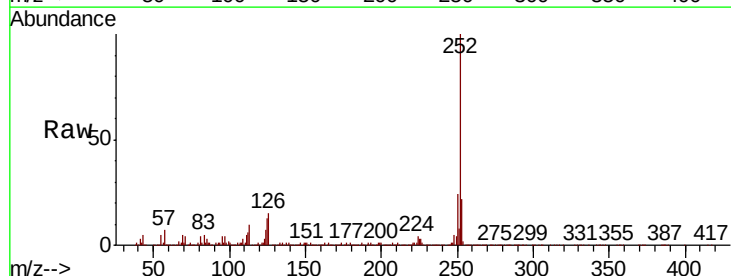
Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

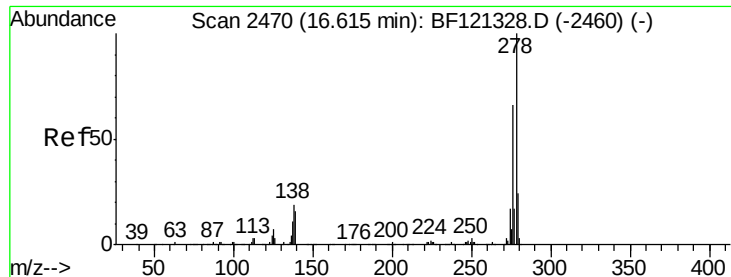
Tot Ion:252 Resp: 823351  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 10.7 8.6 12.8



#90  
Benzo(a)pyrene  
Concen: 40.363 ng  
RT: 15.22 min Scan# 2232  
Delta R.T. 0.02 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:252 Resp: 792416  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.0 27.0  
125 13.2 9.4 14.0

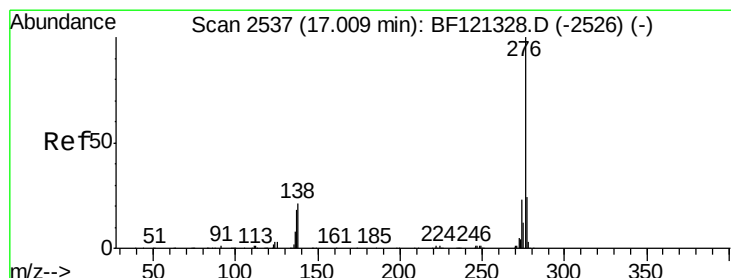
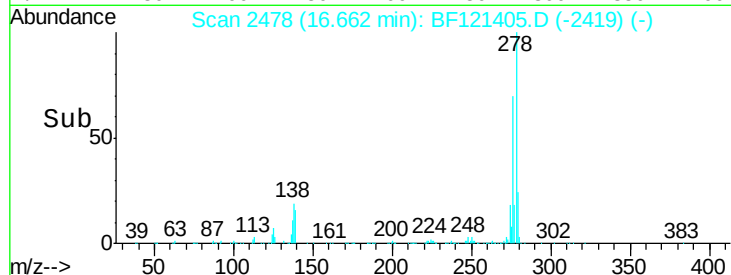
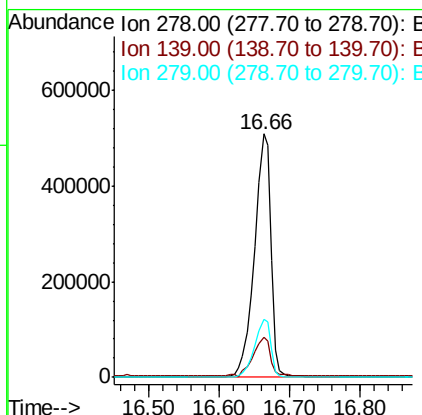
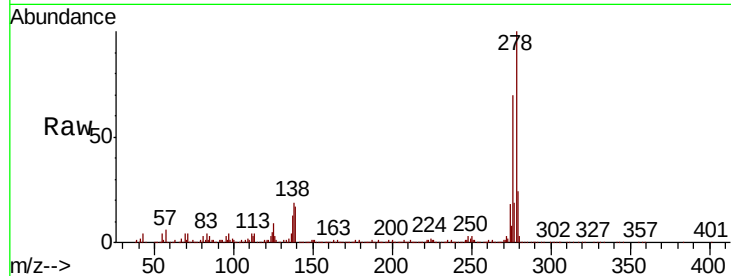




#91  
Dibenzo(a,h)anthracene  
Concen: 47.340 ng  
RT: 16.66 min Scan# 2478  
Delta R.T. 0.05 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Instrument :  
BNA\_P  
ClientSampleId :  
DRUM-COMPMS

Tot Ion:278 Resp: 833293  
Ion Ratio Lower Upper  
278 100  
139 16.6 13.1 19.7  
279 23.8 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 53.172 ng  
RT: 17.07 min Scan# 2547  
Delta R.T. 0.06 min  
Lab File: BF121405.D  
Acq: 24 Aug 2020 18:22

Tgt Ion:276 Resp: 914996  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.3 28.9  
138 21.4 16.8 25.2

