

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\  
 Data File : BF114428.D  
 Acq On : 20 May 2019 10:26  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 20 14:23:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 20 04:47:40 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 216314   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.12  | 136  | 862543   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.87  | 164  | 402391   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.36 | 188  | 801458   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.00 | 240  | 571463   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.49 | 264  | 569671   | 20.00 | ng    | 0.02     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 1035632 | 77.05 | ng | 0.00 |
| 7) Phenol-d6             | 6.48  | 99  | 1300426 | 81.80 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.40  | 82  | 1236907 | 80.48 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.66 | 330 | 308031  | 74.05 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 9.19  | 172 | 2048609 | 77.01 | ng | 0.00 |
| 79) Terphenyl-d14        | 12.94 | 244 | 2069497 | 74.65 | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.59 | 88  | 254932  | 34.505 | ng | 99     |
| 3) Pyridine                    | 3.35 | 79  | 729959  | 35.859 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.30 | 42  | 348498  | 35.501 | ng | 96     |
| 6) Aniline                     | 6.50 | 93  | 905490  | 39.429 | ng | # 83   |
| 8) 2-Chlorophenol              | 6.62 | 128 | 594852  | 41.453 | ng | 97     |
| 9) Benzaldehyde                | 6.38 | 77  | 372704  | 33.487 | ng | 98     |
| 10) Phenol                     | 6.49 | 94  | 744610  | 39.814 | ng | 79     |
| 11) bis(2-Chloroethyl)ether    | 6.57 | 93  | 589722  | 41.535 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.77 | 146 | 653240  | 40.554 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.85 | 146 | 659134  | 40.608 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.00 | 146 | 606254  | 40.882 | ng | 99     |
| 15) Benzyl Alcohol             | 6.98 | 79  | 479944  | 38.707 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 1072428 | 38.955 | ng | 76     |
| 17) 2-Methylphenol             | 7.09 | 107 | 480286  | 40.744 | ng | 97     |
| 18) Hexachloroethane           | 7.34 | 117 | 245432  | 40.283 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.25 | 70  | 395095  | 39.208 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 580538  | 42.626 | ng | # 71   |
| 22) Acetophenone               | 7.24 | 105 | 779707  | 40.805 | ng | # 91   |
| 24) Nitrobenzene               | 7.42 | 77  | 630546  | 40.280 | ng | 97     |
| 25) Isophorone                 | 7.66 | 82  | 1121949 | 39.360 | ng | 99     |
| 26) 2-Nitrophenol              | 7.73 | 139 | 314121  | 41.360 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.77 | 122 | 468973  | 39.316 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 7.86 | 93  | 739312  | 39.974 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.98 | 162 | 480805  | 40.480 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.06 | 180 | 534752  | 39.592 | ng | 99     |
| 31) Naphthalene                | 8.13 | 128 | 1660632 | 41.216 | ng | 99     |
| 32) Benzoic acid               | 7.92 | 122 | 333128  | 40.459 | ng | 98     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 761629  | 41.483 | ng | 98     |
| 34) Hexachlorobutadiene        | 8.25 | 225 | 308902  | 40.196 | ng | 98     |
| 35) Caprolactam                | 8.56 | 113 | 170101  | 43.920 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.68 | 107 | 509098  | 42.581 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.83 | 142 | 1075434 | 41.370 | ng | 97     |
| 38) 1-Methylnaphthalene        | 8.93 | 142 | 1016772 | 41.534 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.00 | 216 | 495650  | 40.663 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\  
 Data File : BF114428.D  
 Acq On : 20 May 2019 10:26  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

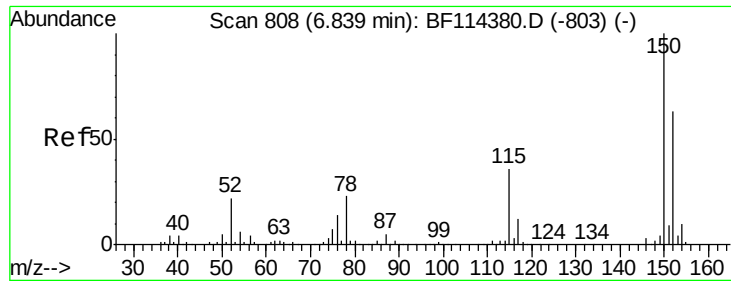
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: May 20 14:23:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 20 04:47:40 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.98  | 237  | 189074   | 35.819 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.12  | 196  | 331758   | 39.570 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.16  | 196  | 340735   | 39.628 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 9.29  | 154  | 1301877  | 40.048 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 9.32  | 162  | 1043701  | 39.894 | nq    | 100      |
| 48) 2-Nitroaniline             | 9.42  | 65   | 381199   | 41.085 | nq    | 98       |
| 49) Acenaphthylene             | 9.73  | 152  | 1589791  | 39.954 | nq    | 99       |
| 50) Dimethylphthalate          | 9.59  | 163  | 1186115  | 40.154 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.66  | 165  | 264540   | 40.377 | nq    | 97       |
| 52) Acenaphthene               | 9.90  | 154  | 945939   | 38.741 | nq    | 99       |
| 53) 3-Nitroaniline             | 9.83  | 138  | 339111   | 41.696 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 9.95  | 184  | 103952   | 35.638 | nq    | 99       |
| 55) Dibenzofuran               | 10.07 | 168  | 1357443  | 37.913 | nq    | 99       |
| 56) 4-Nitrophenol              | 10.01 | 139  | 216777   | 37.690 | nq    | 90       |
| 57) 2,4-Dinitrotoluene         | 10.07 | 165  | 339138   | 38.137 | nq    | # 91     |
| 58) Fluorene                   | 10.42 | 166  | 1105776  | 39.984 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.20 | 232  | 283083   | 38.157 | nq    | 98       |
| 60) Diethylphthalate           | 10.29 | 149  | 1167338  | 38.893 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.40 | 204  | 542977   | 39.974 | nq    | 98       |
| 62) 4-Nitroaniline             | 10.45 | 138  | 353308   | 41.340 | nq    | 99       |
| 63) Azobenzene                 | 10.57 | 77   | 1138128  | 39.176 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.48 | 198  | 160277   | 41.618 | nq    | 85       |
| 66) n-Nitrosodiphenylamine     | 10.53 | 169  | 980861   | 40.324 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 10.89 | 248  | 343286   | 38.902 | nq    | 97       |
| 68) Hexachlorobenzene          | 10.97 | 284  | 379159   | 38.840 | nq    | 93       |
| 69) Atrazine                   | 11.05 | 200  | 296516   | 39.172 | nq    | 99       |
| 70) Pentachlorophenol          | 11.17 | 266  | 159092   | 34.378 | nq    | 99       |
| 71) Phenanthrene               | 11.38 | 178  | 1581367  | 40.556 | nq    | 99       |
| 72) Anthracene                 | 11.43 | 178  | 1601077  | 40.881 | nq    | 99       |
| 73) Carbazole                  | 11.59 | 167  | 1553886  | 41.607 | nq    | 100      |
| 74) Di-n-butylphthalate        | 11.91 | 149  | 1774559  | 41.244 | nq    | 100      |
| 75) Fluoranthene               | 12.57 | 202  | 1725878  | 41.103 | nq    | 98       |
| 77) Benzidine                  | 12.69 | 184  | 857042   | 33.410 | nq    | 97       |
| 78) Pyrene                     | 12.80 | 202  | 1746582  | 37.993 | nq    | 99       |
| 80) Butylbenzylphthalate       | 13.40 | 149  | 786942   | 40.669 | nq    | 95       |
| 81) Benzo(a)anthracene         | 13.99 | 228  | 1552714  | 42.008 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 13.95 | 252  | 603256   | 42.072 | nq    | 99       |
| 83) Chrysene                   | 14.03 | 228  | 1482667  | 40.920 | nq    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 13.97 | 149  | 1059152  | 41.852 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 14.59 | 149  | 1750918  | 42.680 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 1302772  | 40.683 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 15.06 | 252  | 1515356  | 41.521 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 15.09 | 252  | 1331034  | 39.702 | nq    | 99       |
| 90) Benzo(a)pyrene             | 15.43 | 252  | 1315204  | 40.947 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 16.97 | 278  | 1066311  | 39.952 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 17.41 | 276  | 1070220  | 40.012 | nq    | 99       |

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



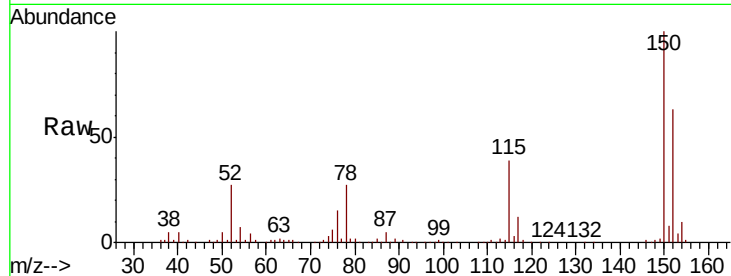


#1

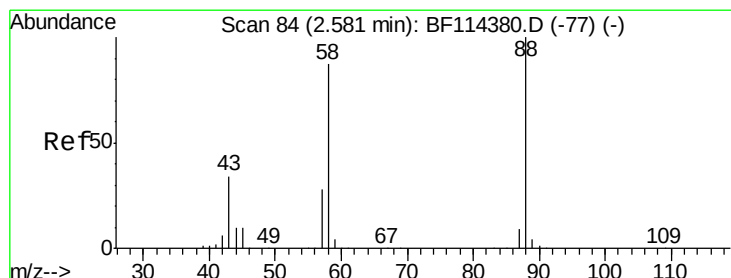
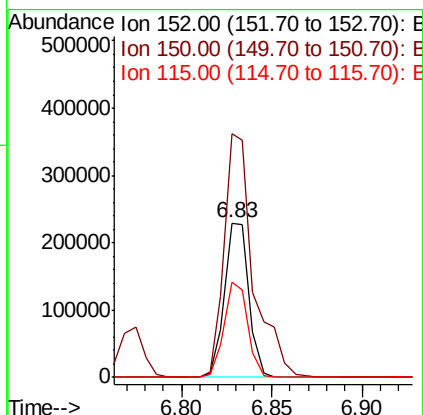
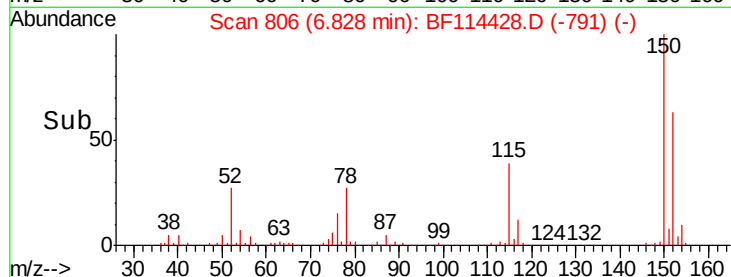
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:152 Resp: 216314  
Ion Ratio Lower Upper  
152 100  
150 157.8 124.3 186.5  
115 61.7 49.1 73.7



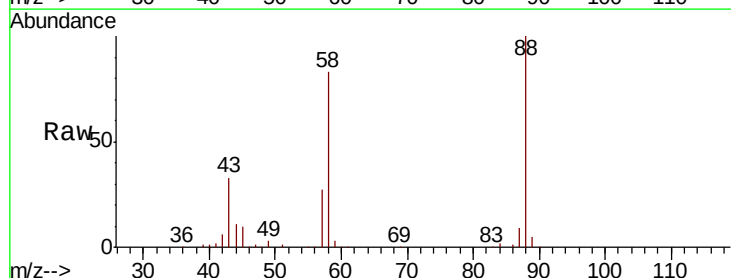
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



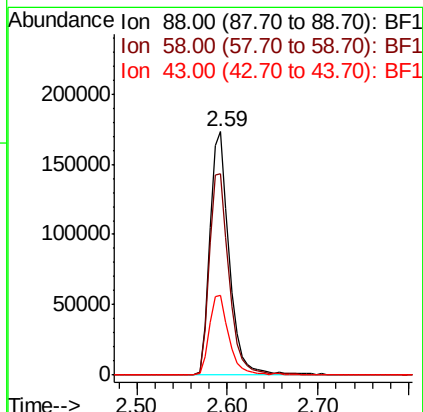
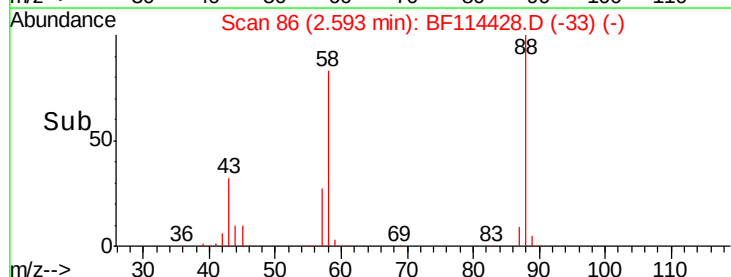
#2

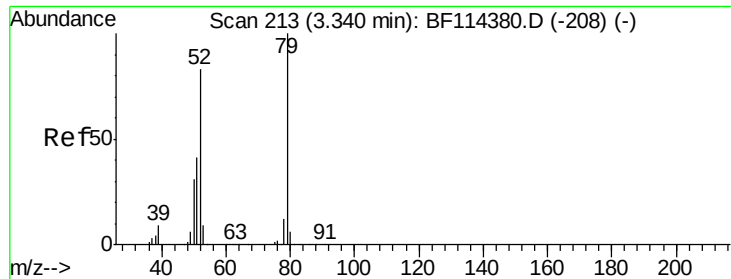
1,4-Dioxane  
Concen: 34.505 ng  
RT: 2.59 min Scan# 86  
Delta R.T. 0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion: 88 Resp: 254932  
Ion Ratio Lower Upper  
88 100  
58 85.2 68.7 103.1  
43 33.5 28.2 42.2



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





#3

Pvridine

Concen: 35.859 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

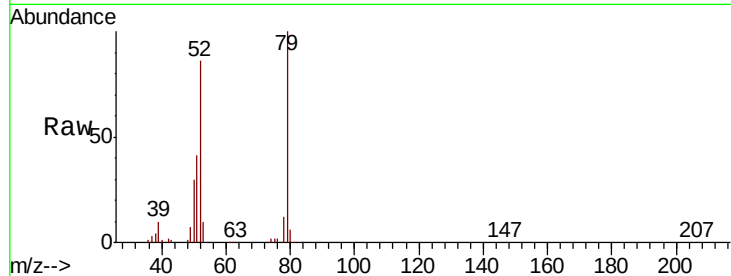
Tot Ion: 79 Resp: 729959

Ion Ratio Lower Upper

79 100

52 85.5 70.6 105.8

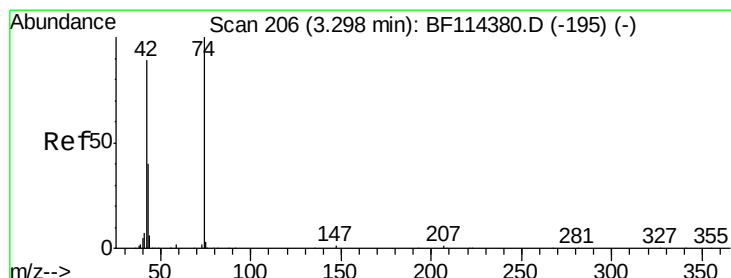
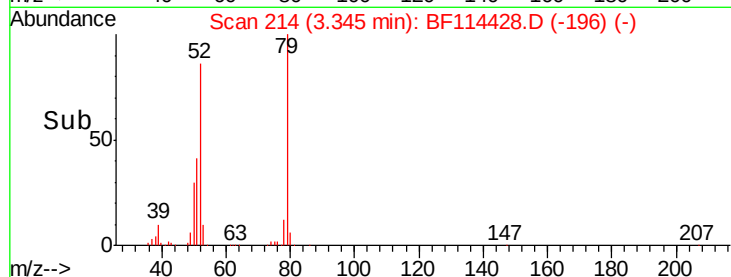
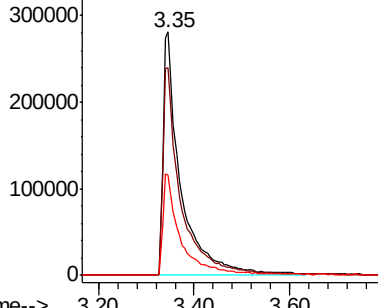
51 41.1 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.501 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

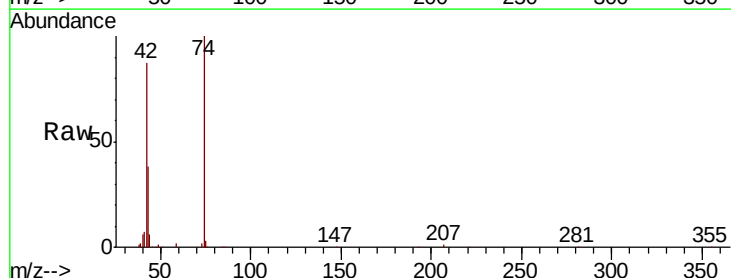
Tgt Ion: 42 Resp: 348498

Ion Ratio Lower Upper

42 100

74 115.4 88.6 132.8

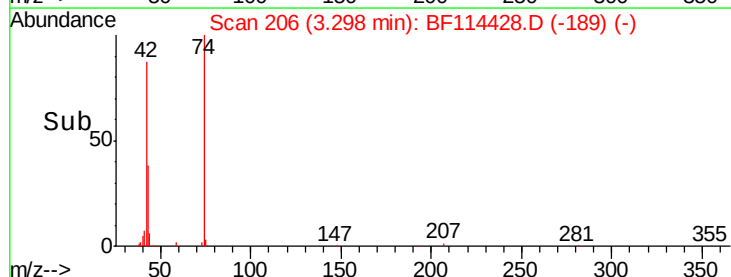
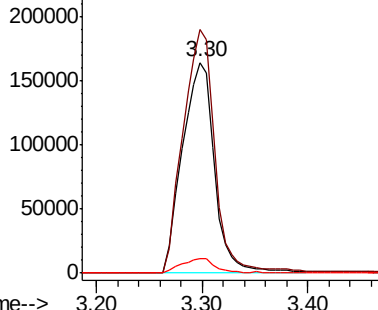
44 6.8 5.5 8.3

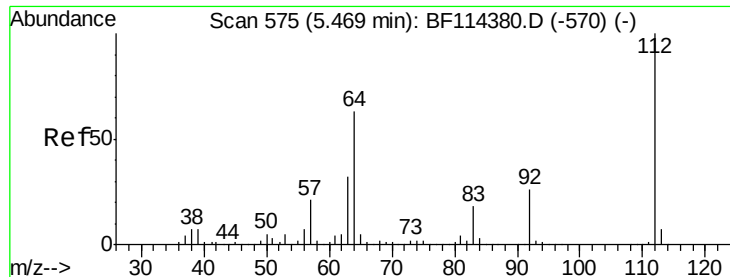


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.046 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampled :

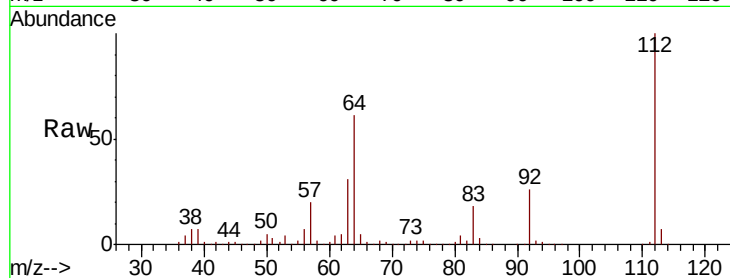
Tot Ion:112 Resp: 1035632

Ion Ratio Lower Upper

112 100

64 61.4 49.0 73.6

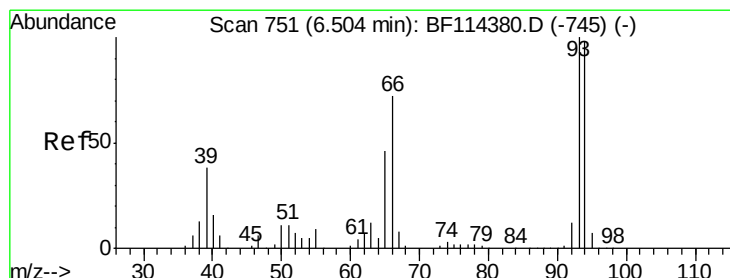
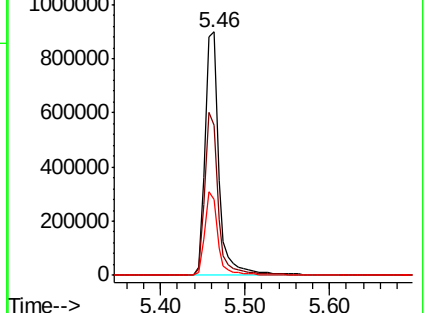
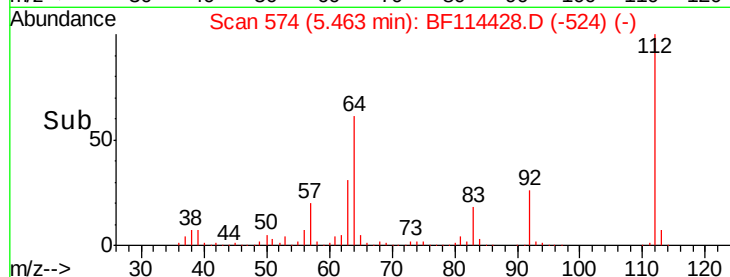
63 31.1 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.429 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

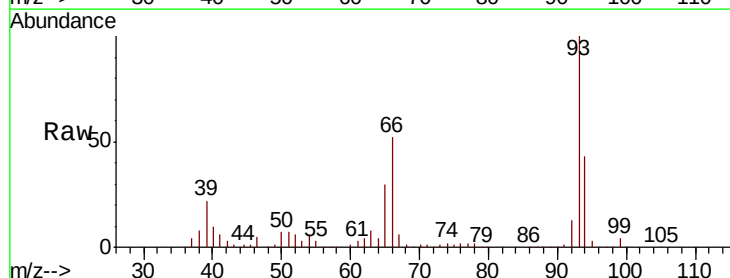
Tgt Ion: 93 Resp: 905490

Ion Ratio Lower Upper

93 100

66 52.1 33.2 49.8#

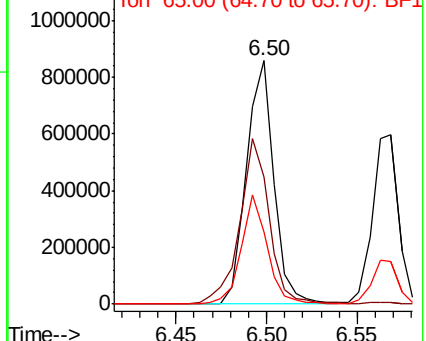
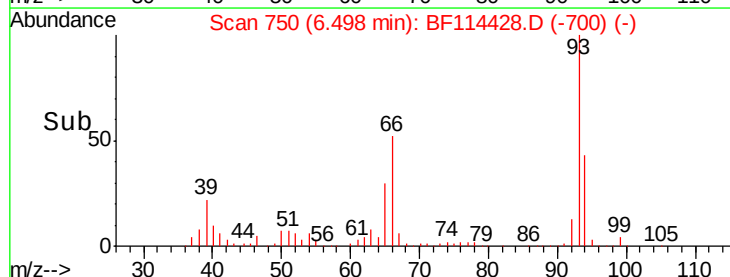
65 29.8 17.6 26.4#

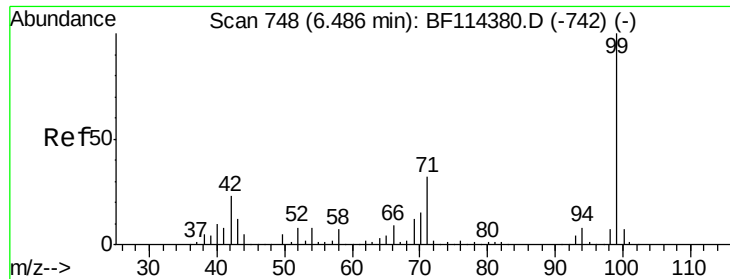


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.798 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

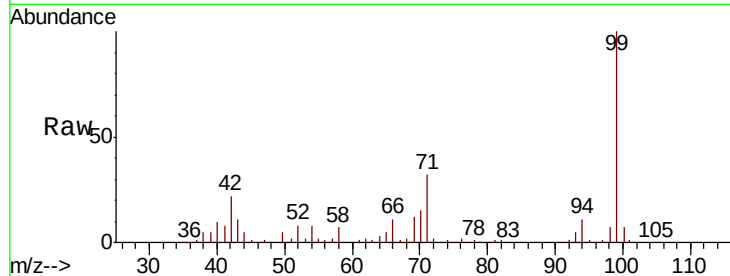
Tot Ion: 99 Resp: 1300426

Ion Ratio Lower Upper

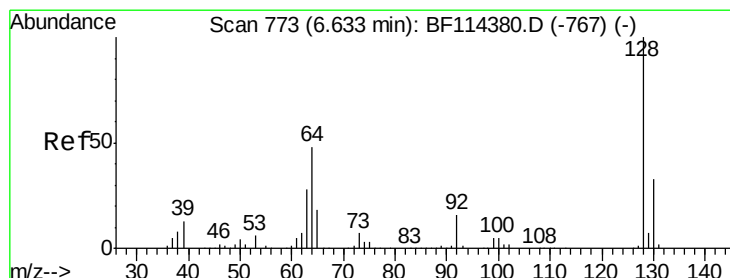
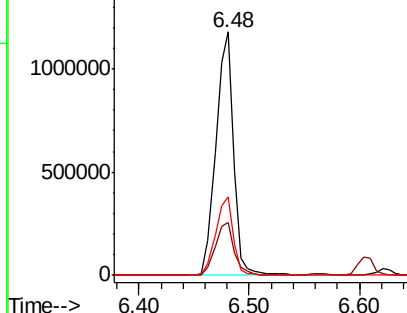
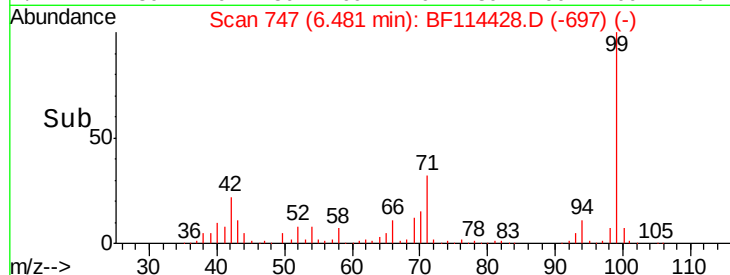
99 100

42 21.6 17.9 26.9

71 32.2 26.2 39.2



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



#8

2-Chlorophenol

Concen: 41.453 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

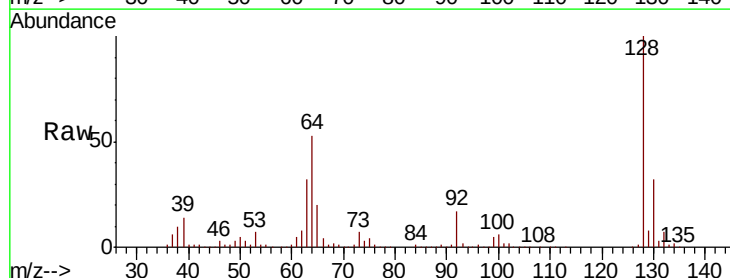
Tgt Ion: 128 Resp: 594852

Ion Ratio Lower Upper

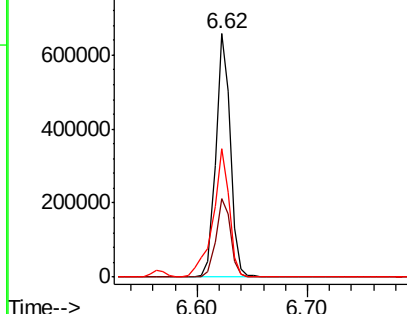
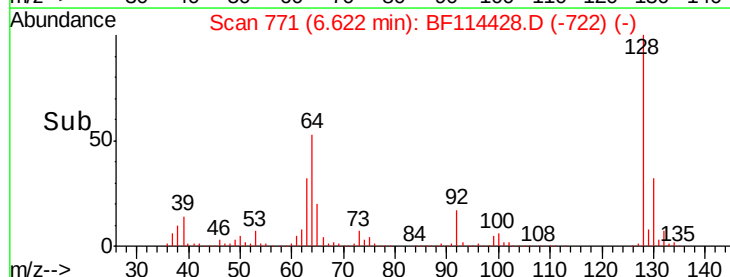
128 100

130 32.2 12.6 52.6

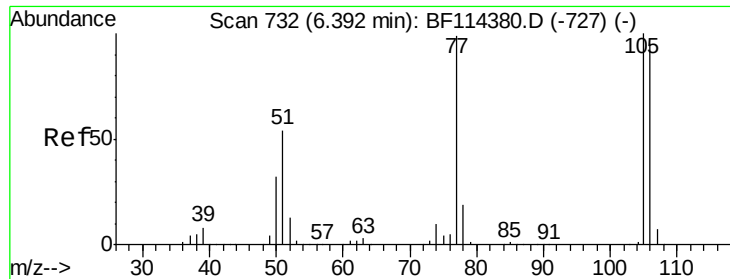
64 52.7 35.9 75.9



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







#9

Benzaldehyde

Concen: 33.487 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampled :

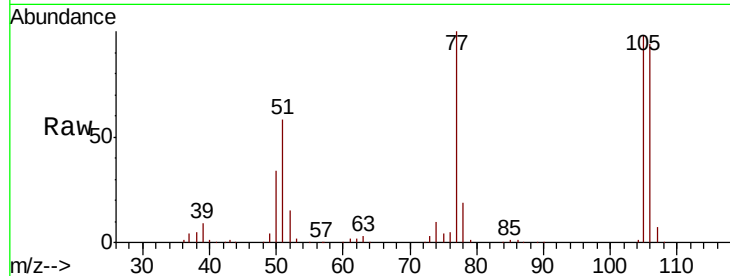
Tot Ion: 77 Resp: 372704

Ion Ratio Lower Upper

77 100

105 98.3 79.3 119.3

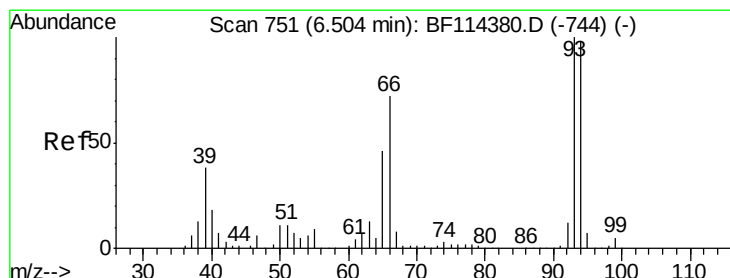
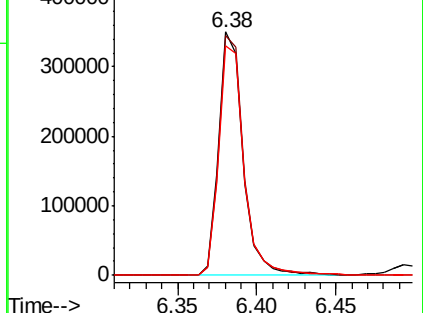
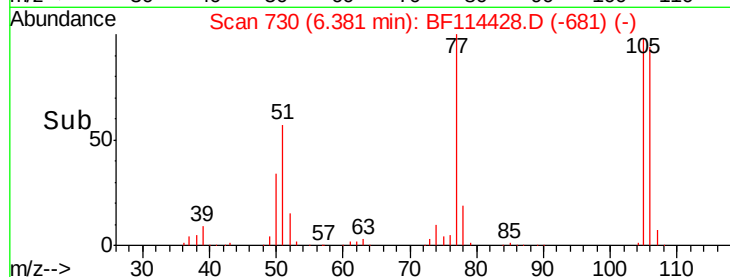
106 94.4 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.814 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

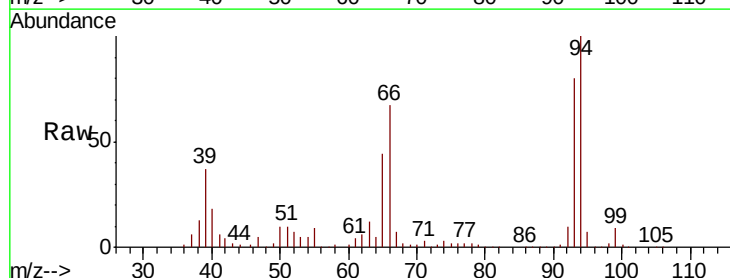
Tgt Ion: 94 Resp: 744610

Ion Ratio Lower Upper

94 100

65 43.8 14.7 54.7

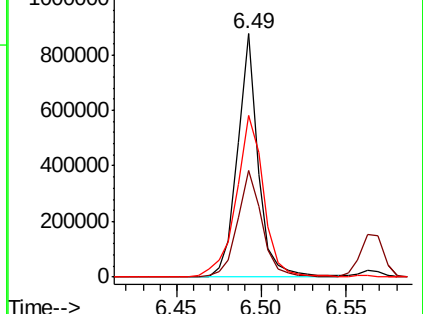
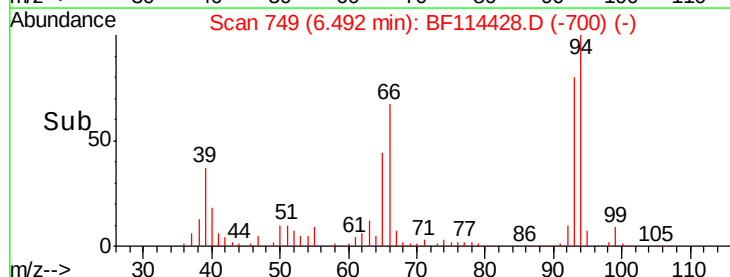
66 66.6 29.6 69.6



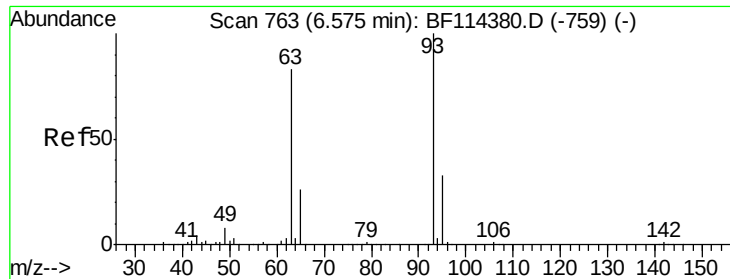
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



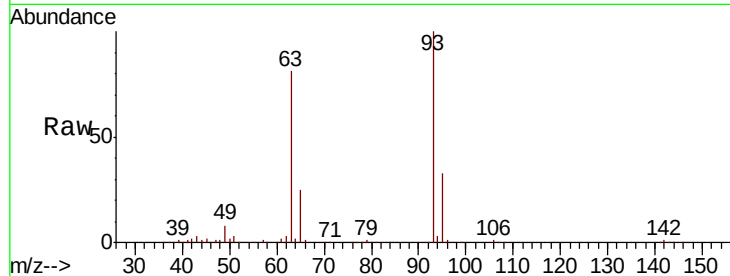




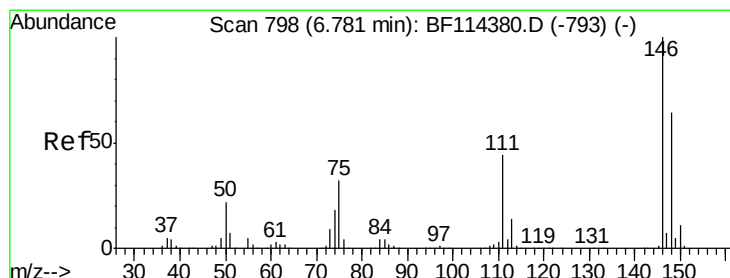
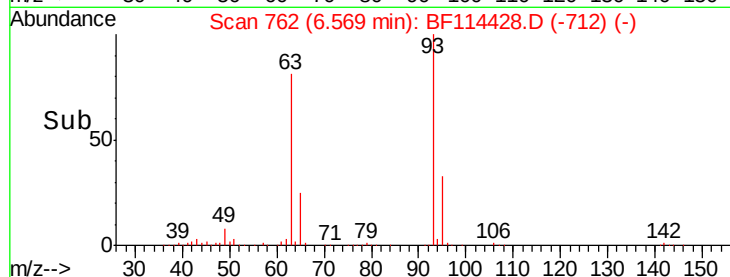
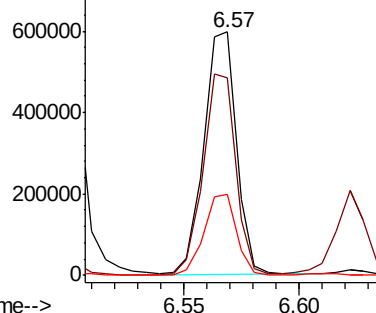
#11  
bis(2-Chloroethyl)ether  
Concen: 41.535 ng  
RT: 6.57 min Scan# 762  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 93 Resp: 589722  
Ion Ratio Lower Upper  
93 100  
63 81.1 63.6 103.6  
95 33.3 13.1 53.1

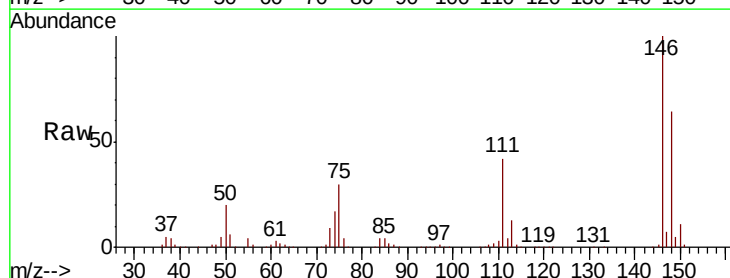


Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1

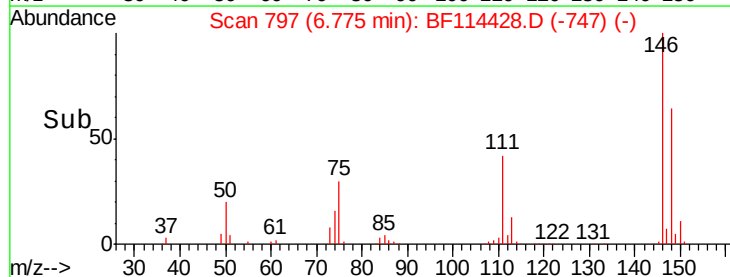
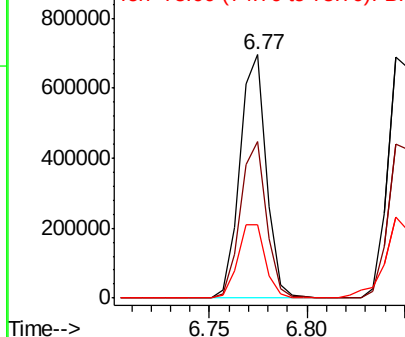


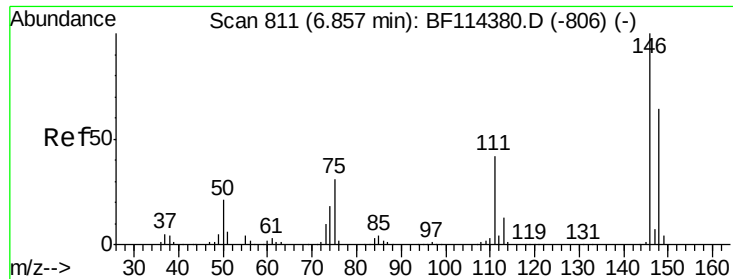
#12  
1,3-Dichlorobenzene  
Concen: 40.554 ng  
RT: 6.77 min Scan# 797  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion: 146 Resp: 653240  
Ion Ratio Lower Upper  
146 100  
148 64.4 51.6 77.4  
75 29.9 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1

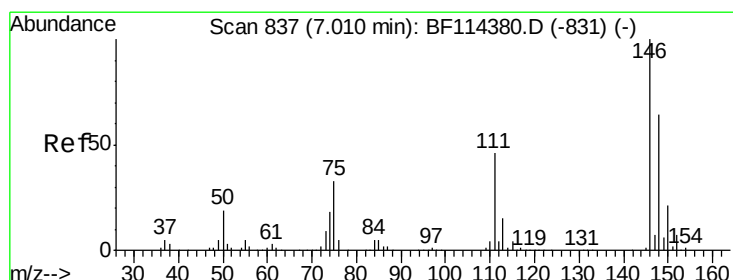
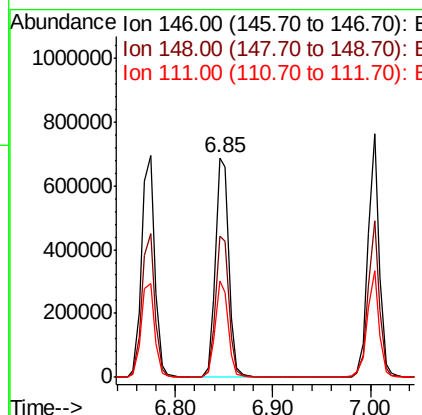
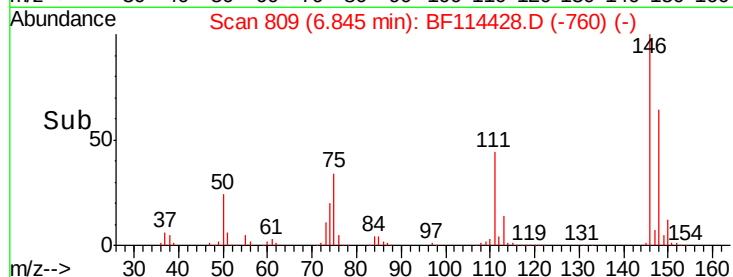
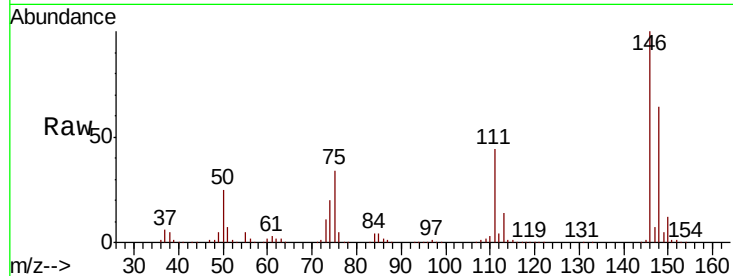




#13  
 1,4-Dichlorobenzene  
 Concen: 40.608 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

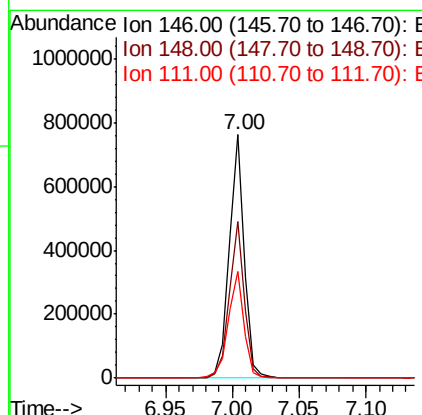
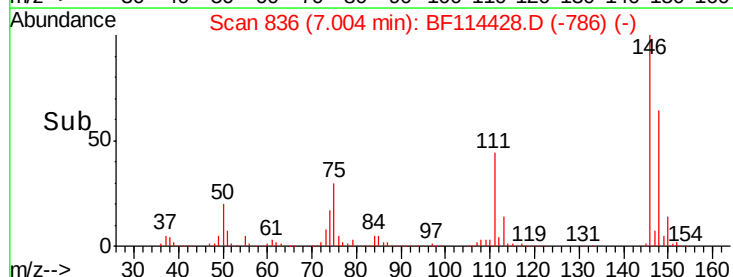
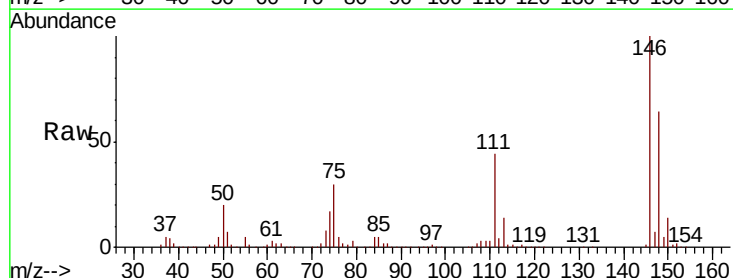
Instrument :  
 BNA\_F  
 ClientSampleId :

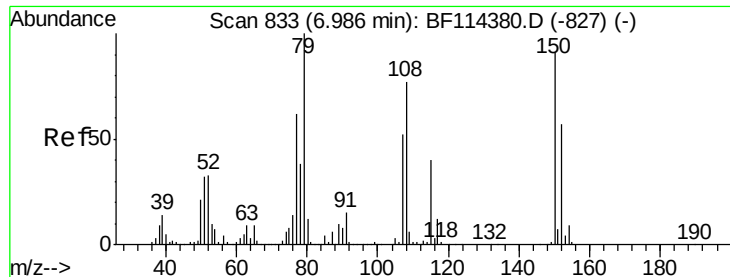
Tot Ion:146 Resp: 659134  
 Ion Ratio Lower Upper  
 146 100  
 148 63.9 50.2 75.2  
 111 43.9 35.8 53.6



#14  
 1,2-Dichlorobenzene  
 Concen: 40.882 ng  
 RT: 7.00 min Scan# 836  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

Tgt Ion:146 Resp: 606254  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 51.1 76.7  
 111 43.8 35.3 52.9





#15

Benzyl Alcohol

Concen: 38.707 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampled :

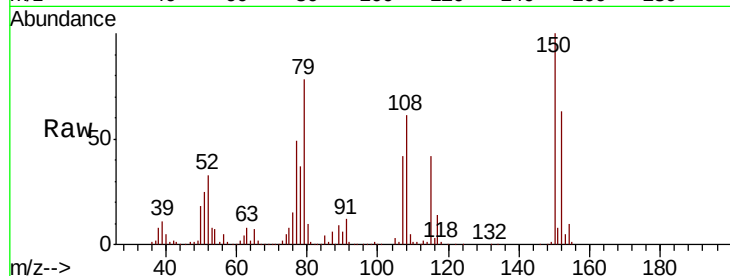
Tot Ion: 79 Resp: 479944

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

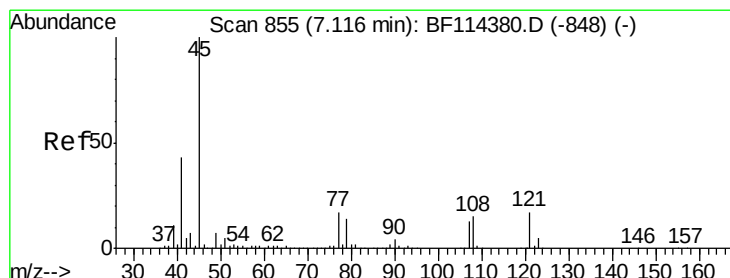
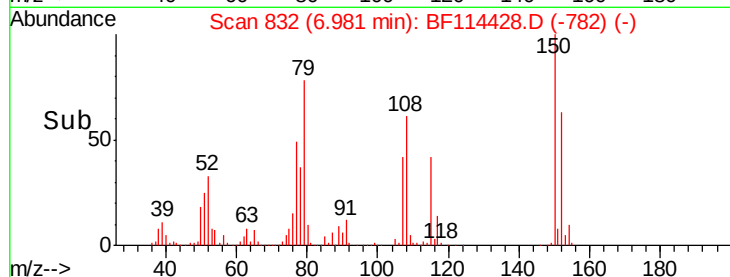
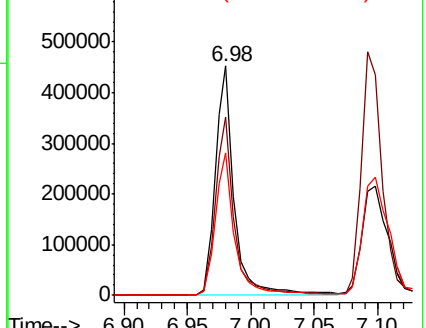
77 62.3 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.955 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

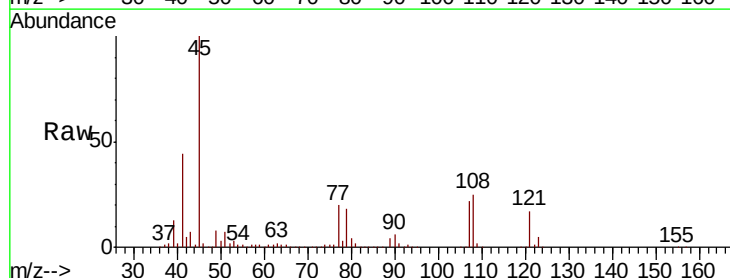
Tgt Ion: 45 Resp: 1072428

Ion Ratio Lower Upper

45 100

77 20.0 0.0 31.1

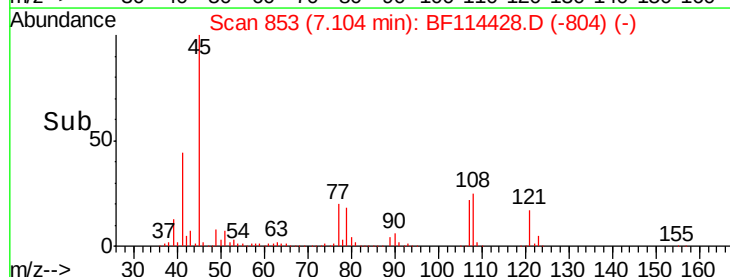
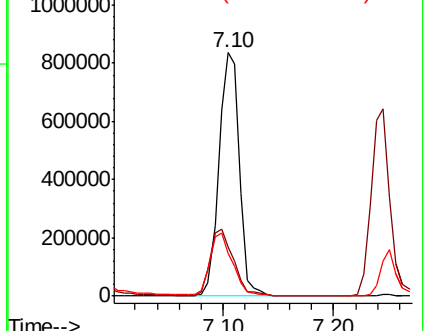
79 17.7 0.0 28.4

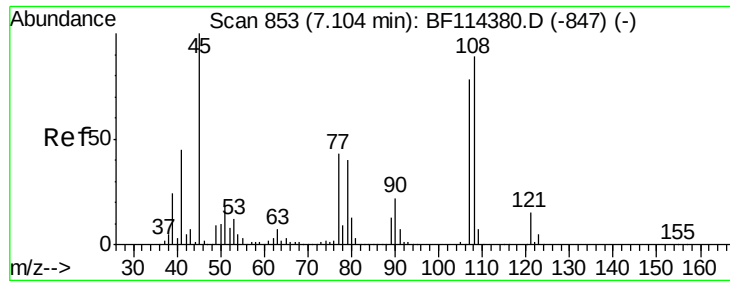


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.744 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampled :

Tot Ion:107 Resp: 480286

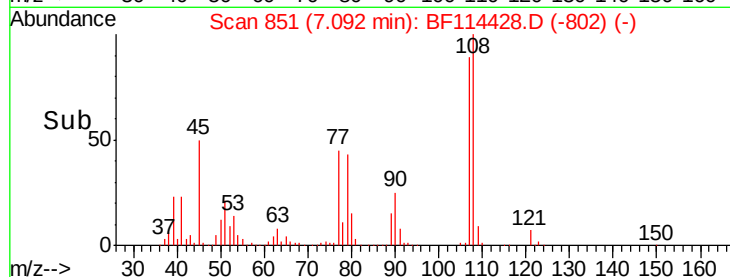
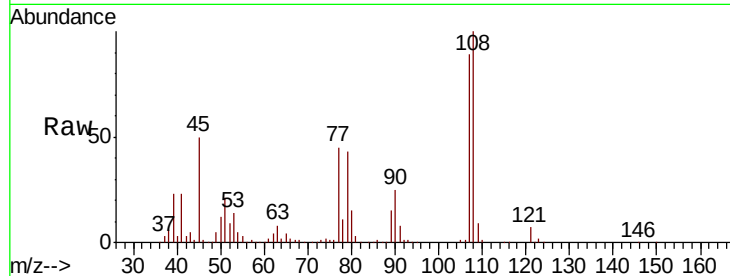
Ion Ratio Lower Upper

107 100

108 112.9 90.5 135.7

77 50.9 37.0 55.4

79 48.4 35.8 53.8

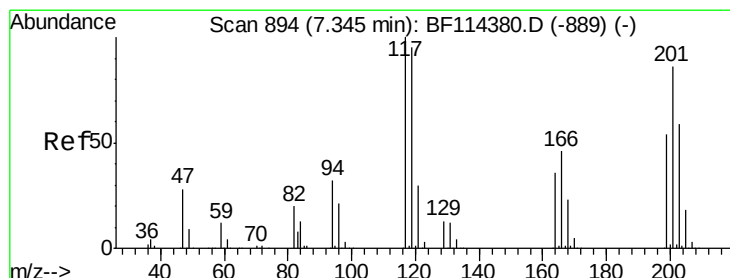
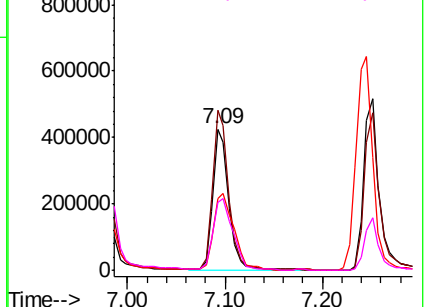


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.283 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

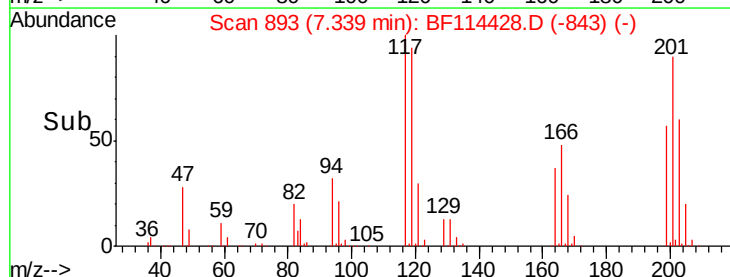
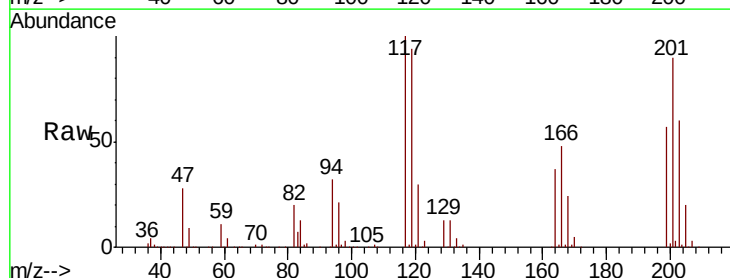
Tgt Ion:117 Resp: 245432

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.2

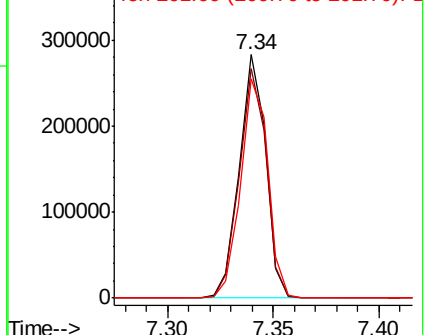
201 90.0 74.5 111.7

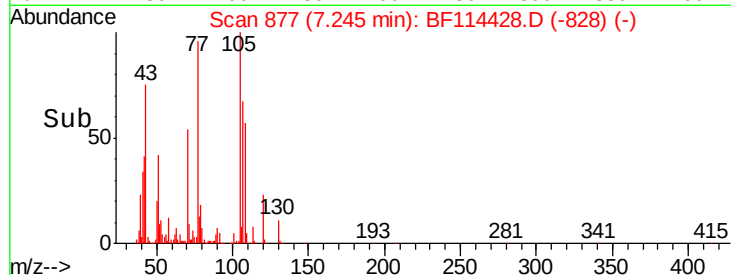
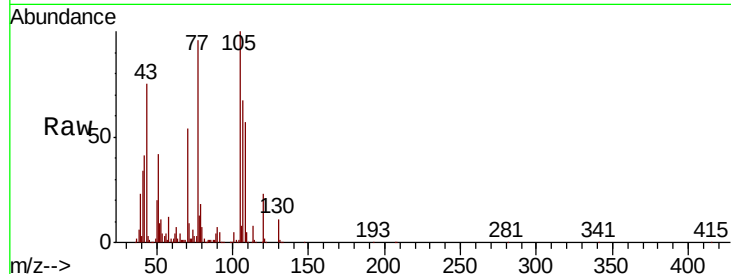
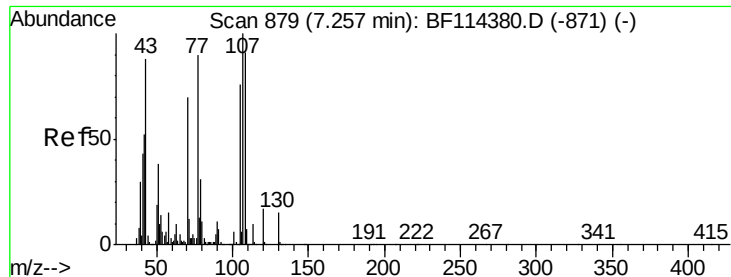


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

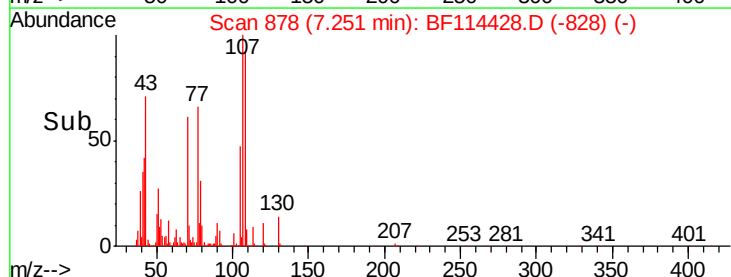
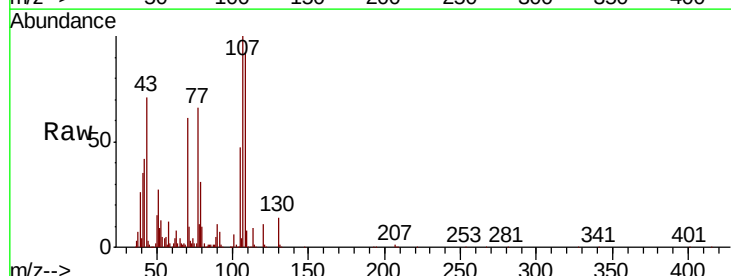
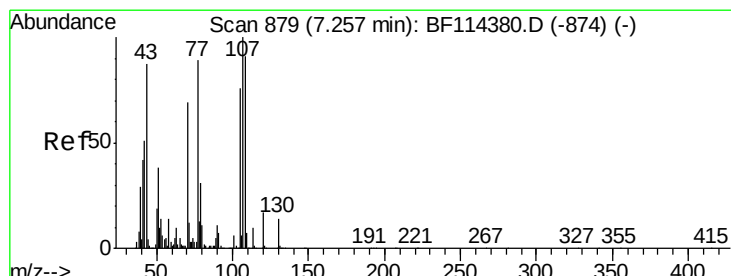
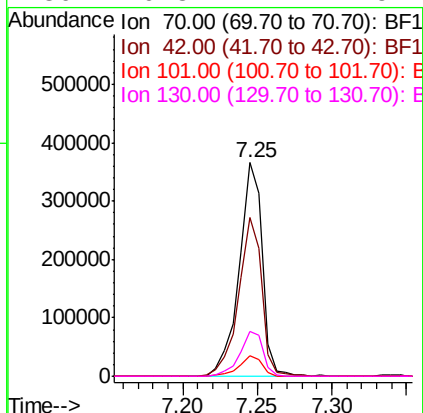




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.208 ng  
RT: 7.25 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

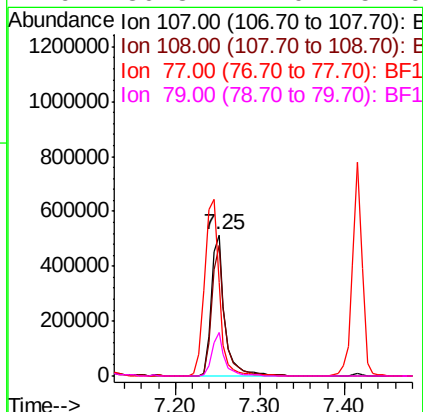
Instrument :  
BNA\_F  
ClientSampleId :

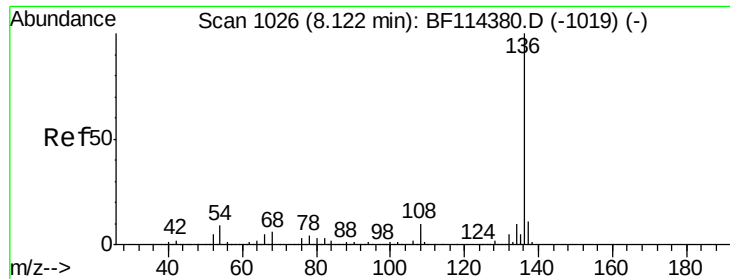
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 74.5  | 58.6  | 87.8  |
| 101     | 9.6   | 7.8   | 11.8  |
| 130     | 20.8  | 17.1  | 25.7  |



#20  
3+4-Methylphenols  
Concen: 42.626 ng  
RT: 7.25 min Scan# 878  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 92.4  | 73.8  | 113.8 |
| 77      | 65.6  | 111.5 | 151.5 |
| 79      | 30.8  | 12.0  | 52.0  |

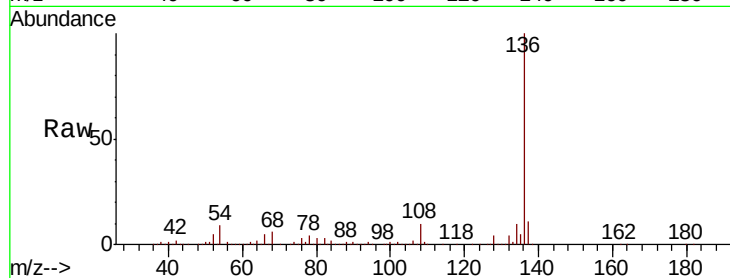




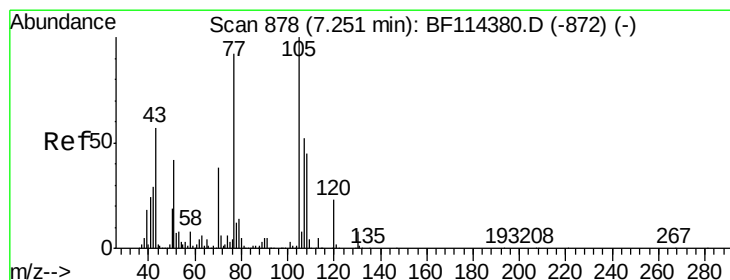
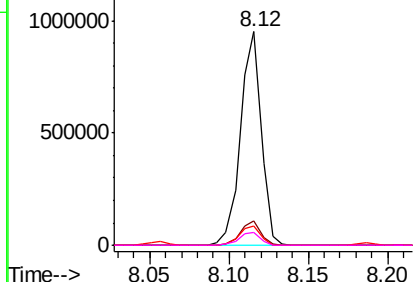
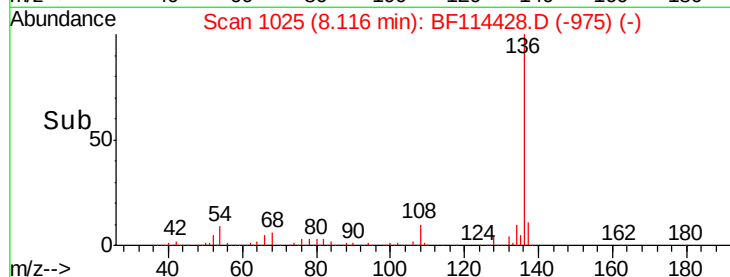
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.12 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampled :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 862543   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.8 13.2 |
| 54          | 9.0   | 7.8 11.8 |
| 68          | 5.8   | 5.1 7.7  |

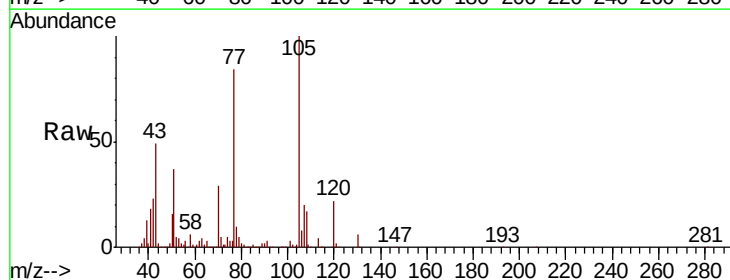


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

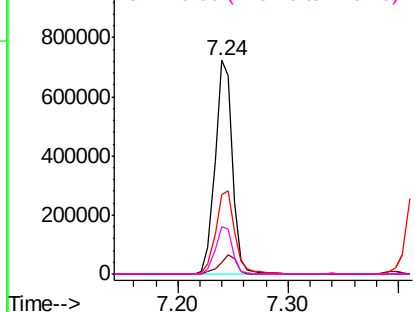
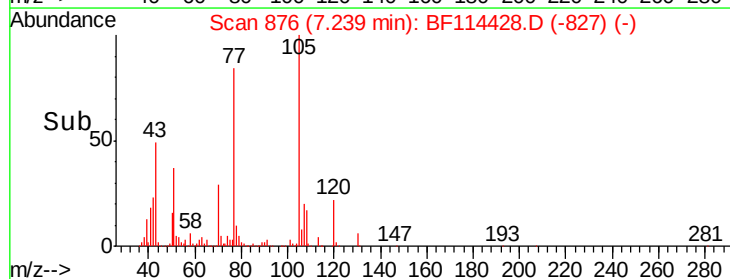


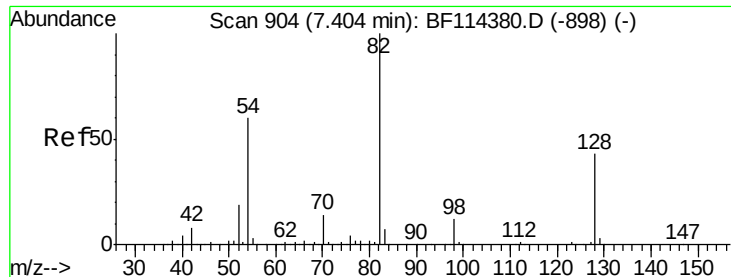
#22  
Acetophenone  
Concen: 40.805 ng  
RT: 7.24 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 779707    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 5.2   | 5.3 7.9#  |
| 51          | 37.1  | 36.2 54.4 |
| 120         | 22.3  | 18.6 28.0 |



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

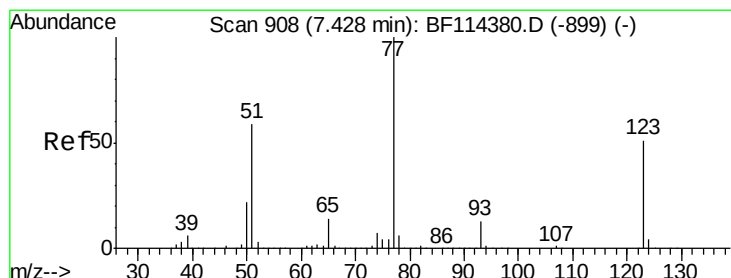
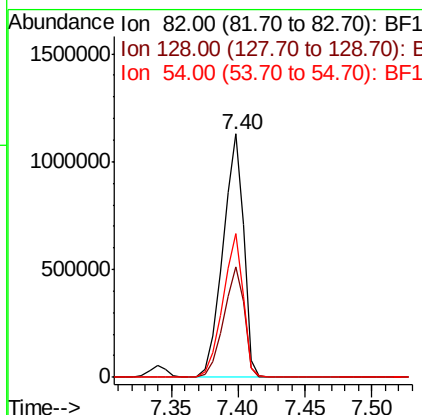
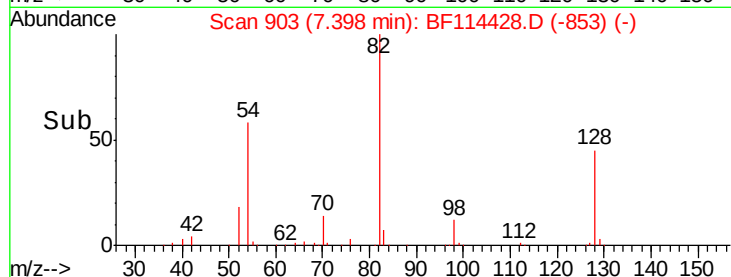
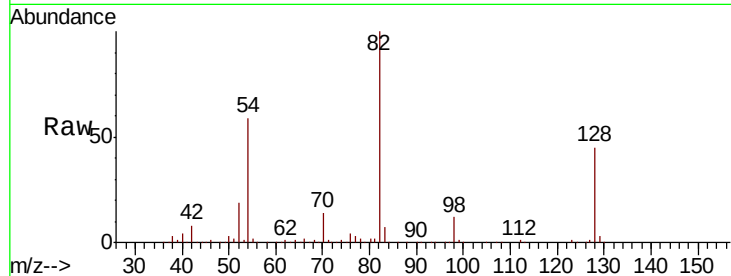




#23  
Nitrobenzene-d5  
Concen: 80.477 ng  
RT: 7.40 min Scan# 903  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

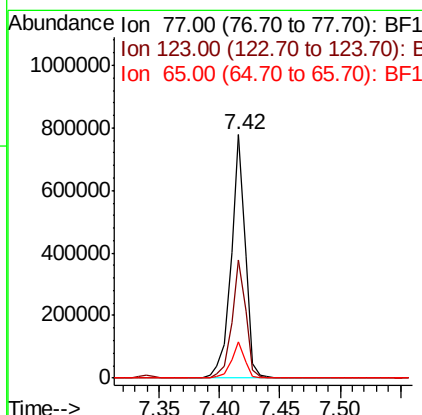
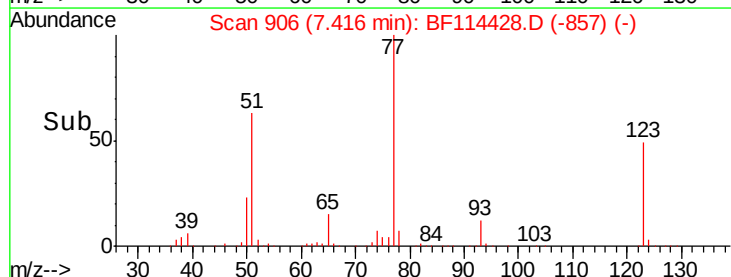
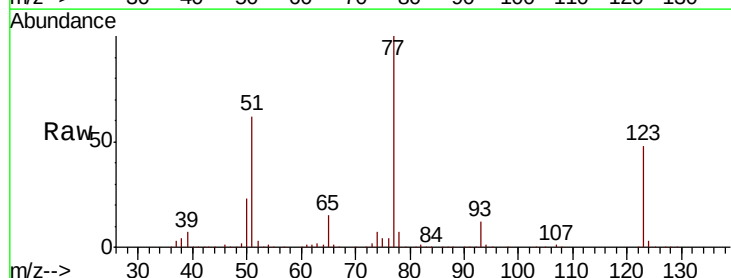
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 82 Resp: 1236907  
Ion Ratio Lower Upper  
82 100  
128 45.2 35.5 53.3  
54 58.9 48.5 72.7

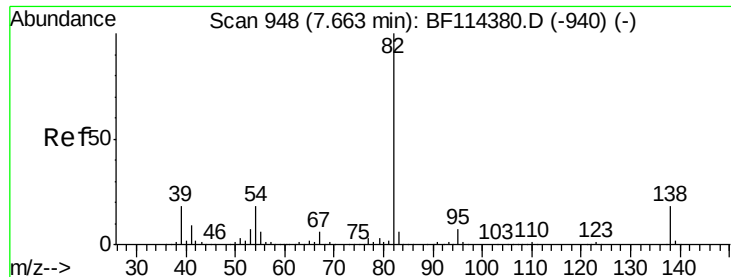


#24  
Nitrobenzene  
Concen: 40.280 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion: 77 Resp: 630546  
Ion Ratio Lower Upper  
77 100  
123 48.4 36.9 55.3  
65 14.9 11.8 17.6







#25

Isophorone

Concen: 39.360 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

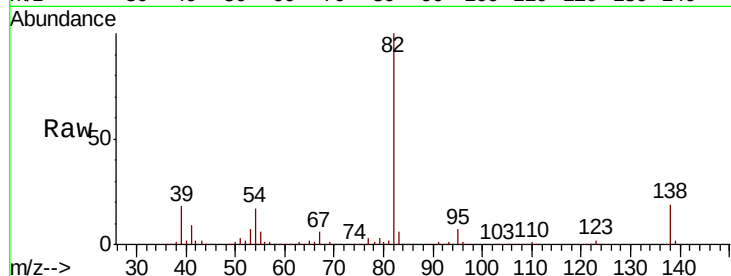
Tot Ion: 82 Resp: 1121949

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

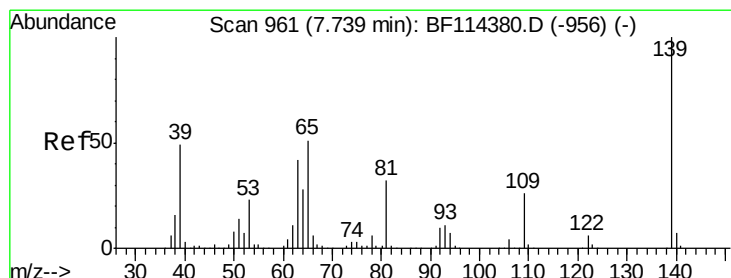
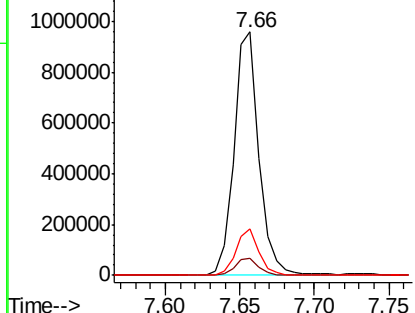
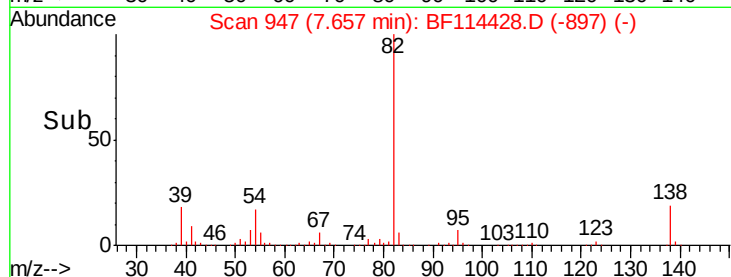
138 19.0 14.8 22.2



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: 41.360 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

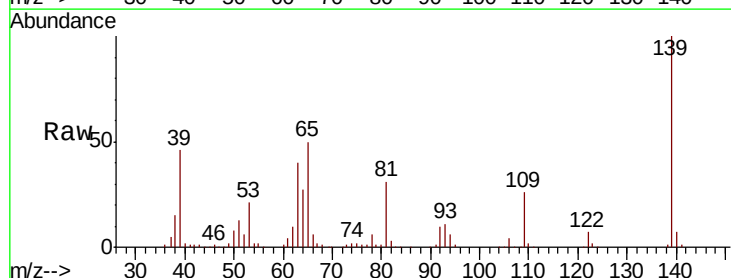
Tgt Ion: 139 Resp: 314121

Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

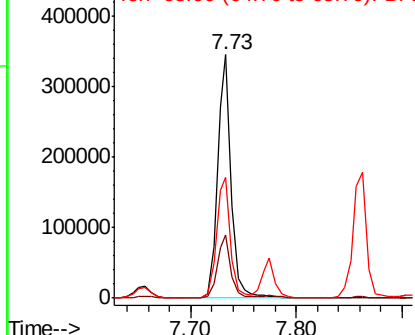
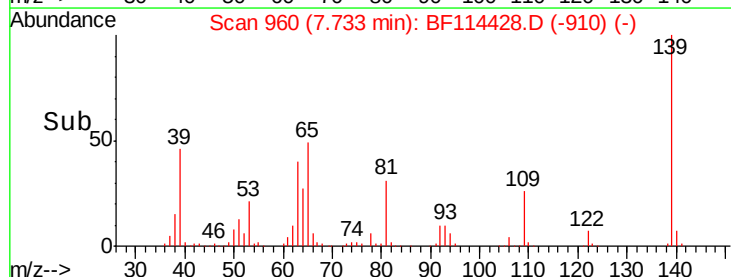
65 49.7 40.2 60.2

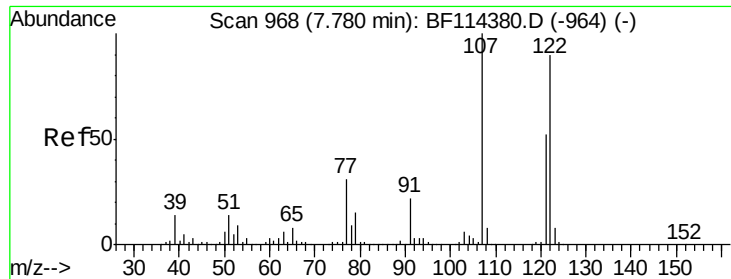


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

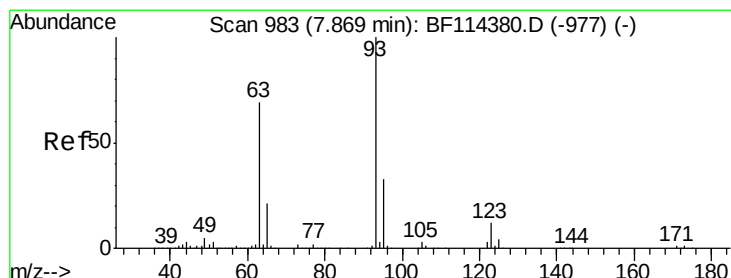
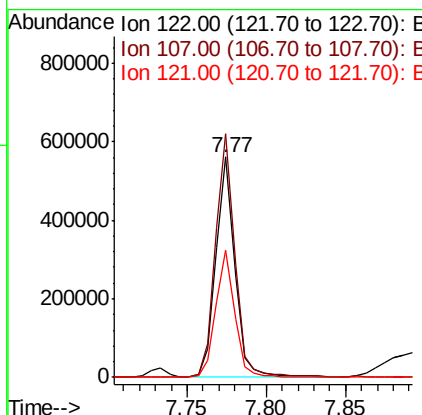
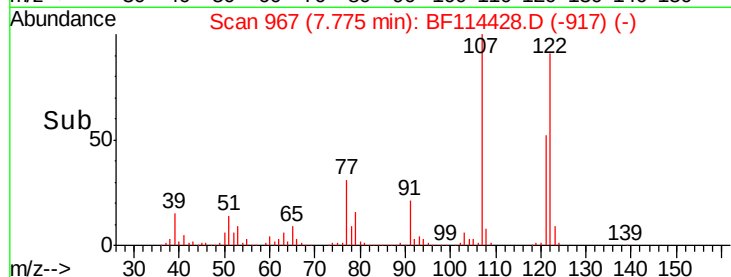
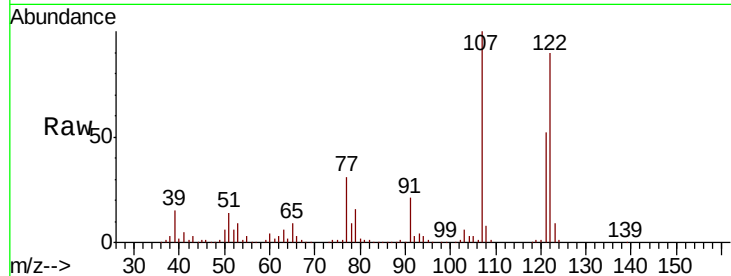




#27  
2,4-Dimethylphenol  
Concen: 39.316 ng  
RT: 7.77 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

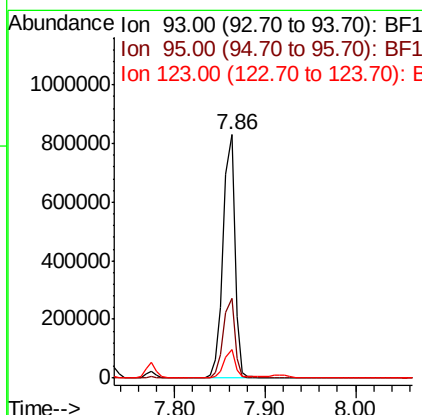
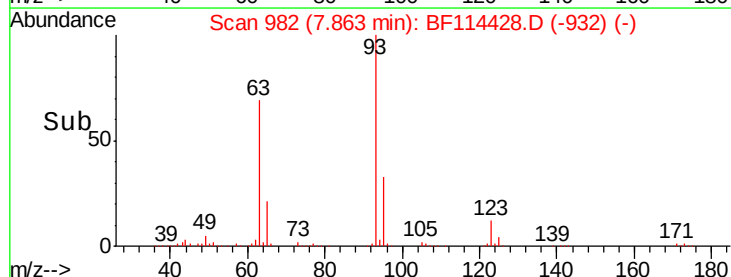
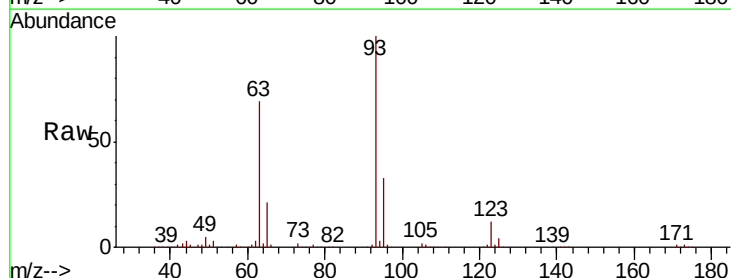
Instrument :  
BNA\_F  
ClientSampleId :

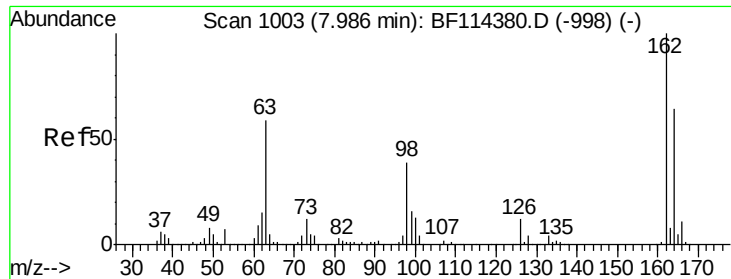
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.5 | 88.4  | 132.6 |
| 121     | 57.8  | 45.9  | 68.9  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.974 ng  
RT: 7.86 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.8  | 40.2  |
| 123     | 11.9  | 9.5   | 14.3  |

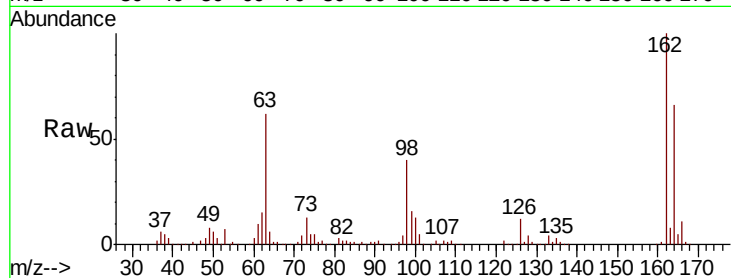




#29  
 2,4-Dichlorophenol  
 Concen: 40.480 ng  
 RT: 7.98 min Scan# 1002  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 43.6  | 83.6  |
| 98      | 40.3  | 20.6  | 60.6  |

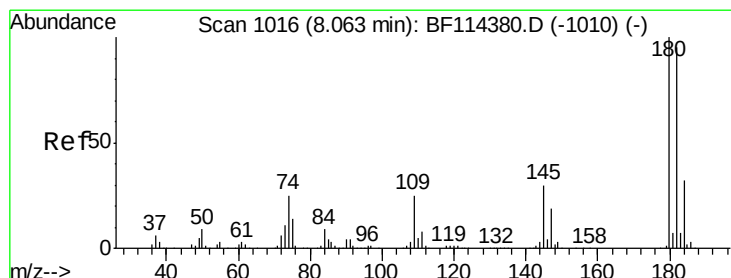
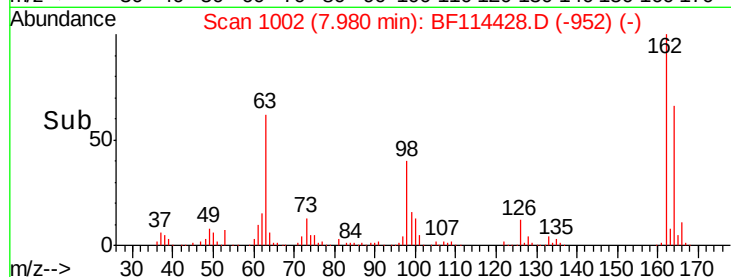
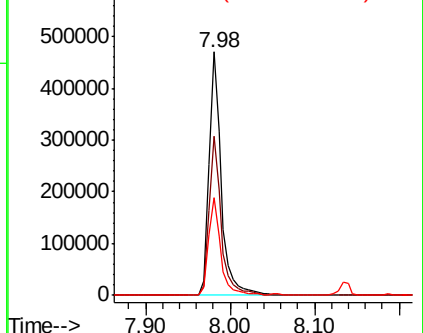


Abundance

Ion 162.00 (161.70 to 162.70): E

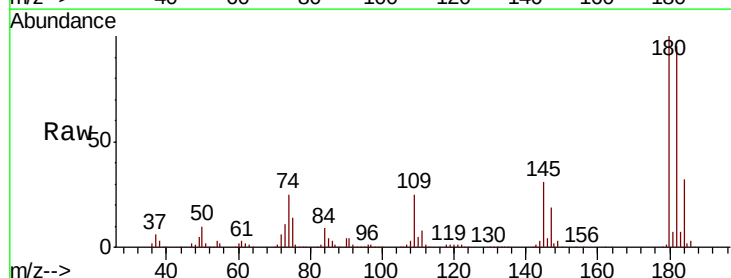
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.592 ng  
 RT: 8.06 min Scan# 1015  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 76.6  | 114.8 |
| 145     | 30.8  | 25.1  | 37.7  |

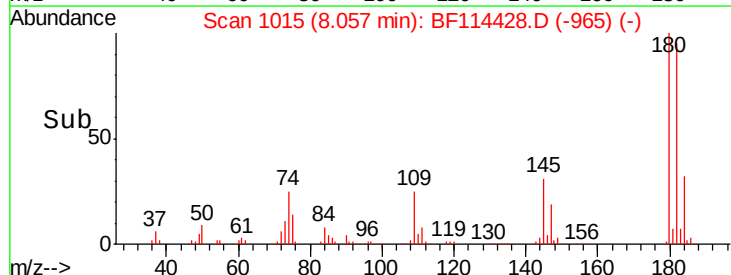
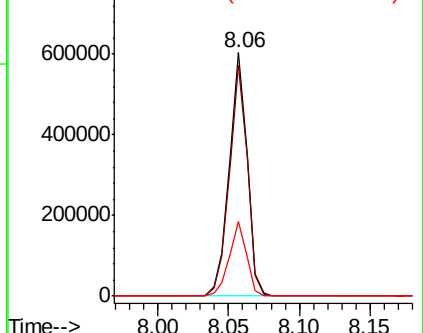


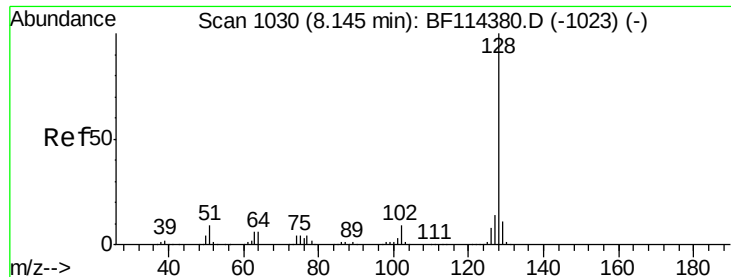
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

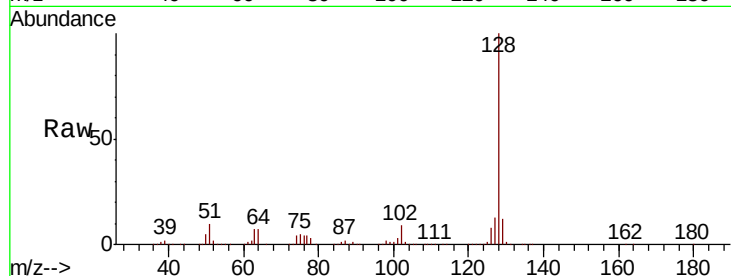




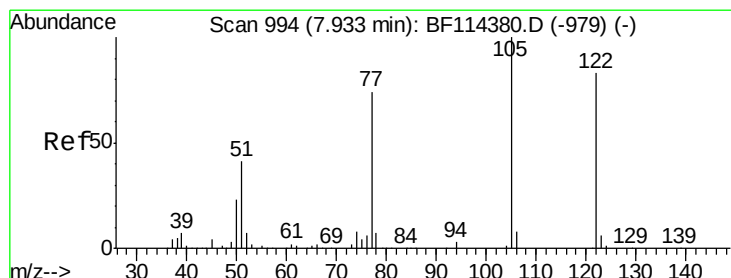
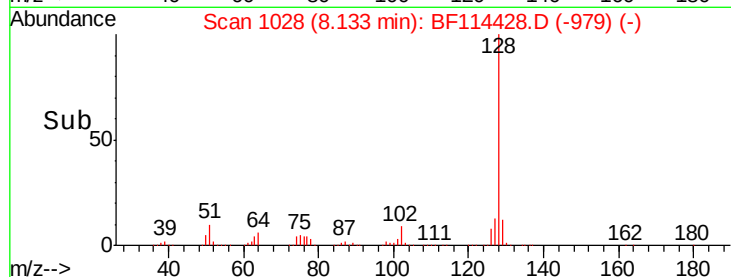
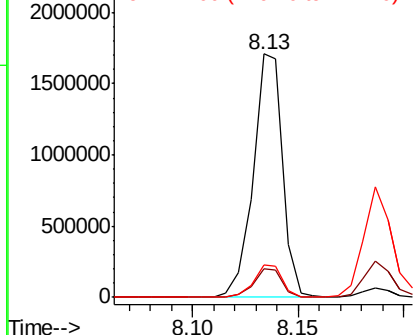
#31  
Naphthalene  
Concen: 41.216 ng  
RT: 8.13 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 1660632  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.6 14.4  
127 13.4 11.3 16.9

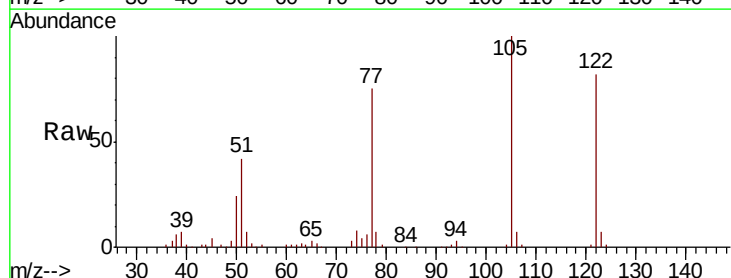


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

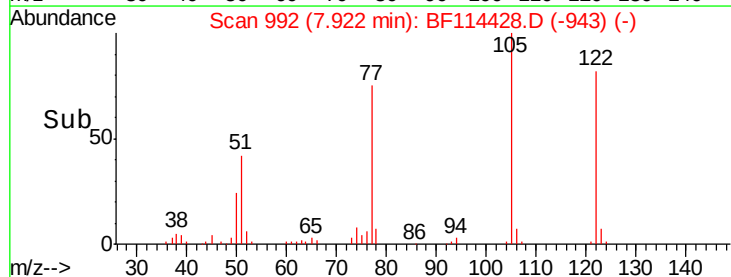
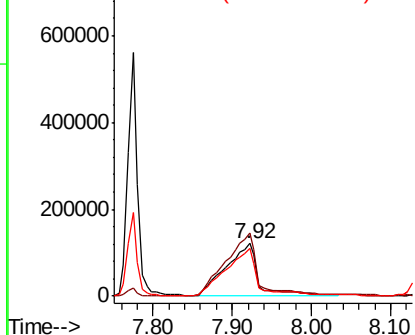


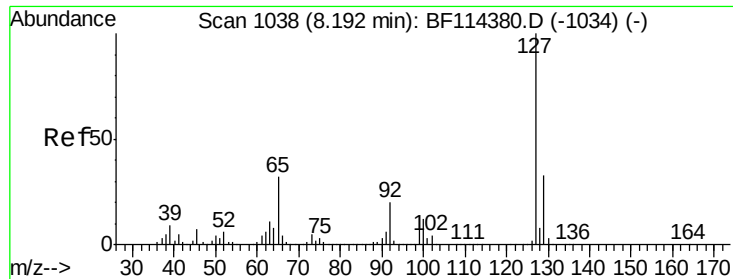
#32  
Benzoic acid  
Concen: 40.459 ng  
RT: 7.92 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:122 Resp: 333128  
Ion Ratio Lower Upper  
122 100  
105 121.8 99.9 139.9  
77 91.6 69.4 109.4



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

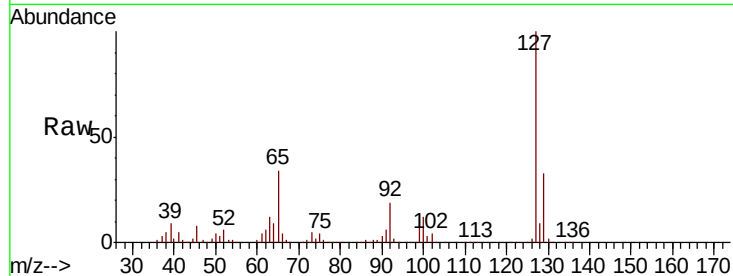




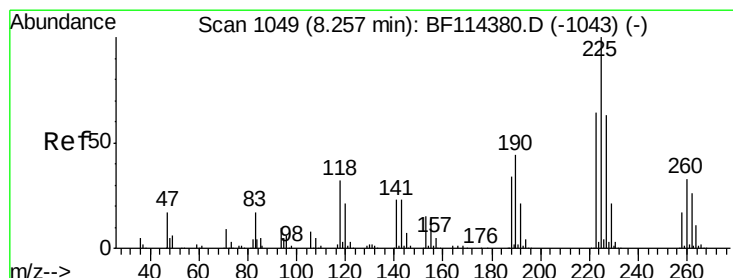
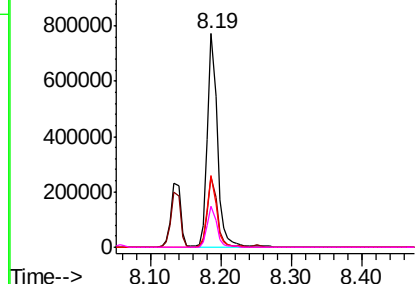
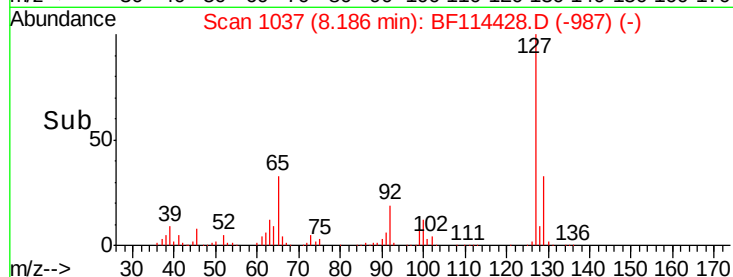
#33  
4-Chloroaniline  
Concen: 41.483 ng  
RT: 8.19 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 761629 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.7  | 40.1   |
| 65       | 33.7  | 25.4  | 38.0   |
| 92       | 19.2  | 15.4  | 23.2   |

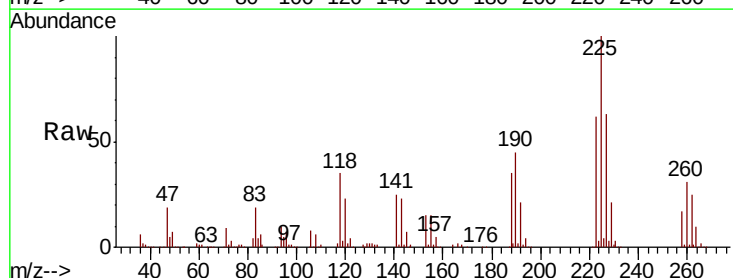


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

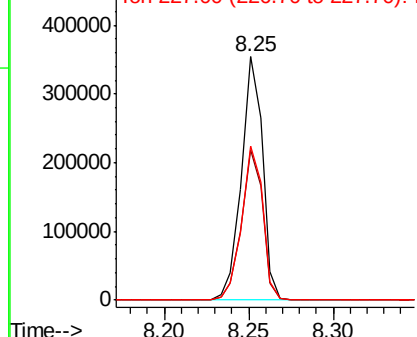
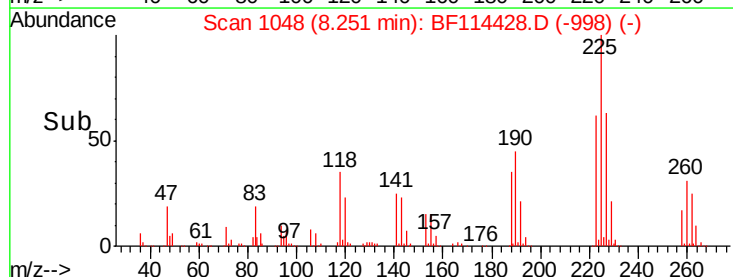


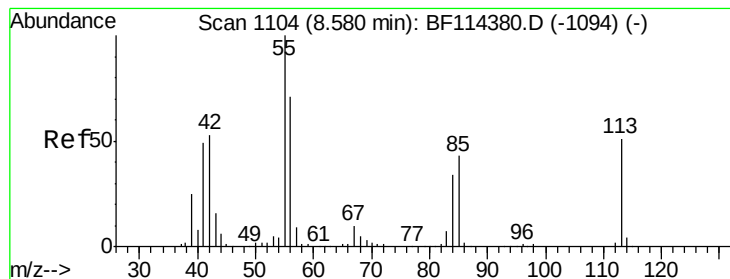
#34  
Hexachlorobutadiene  
Concen: 40.196 ng  
RT: 8.25 min Scan# 1048  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 308902 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.7  | 50.2  | 75.2   |
| 227      | 63.4  | 52.6  | 79.0   |



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





#35

Caprolactam

Concen: 43.920 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

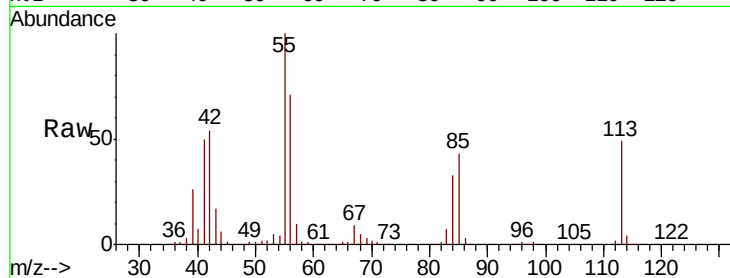
Tot Ion:113 Resp: 170101

Ion Ratio Lower Upper

113 100

55 205.7 183.5 223.5

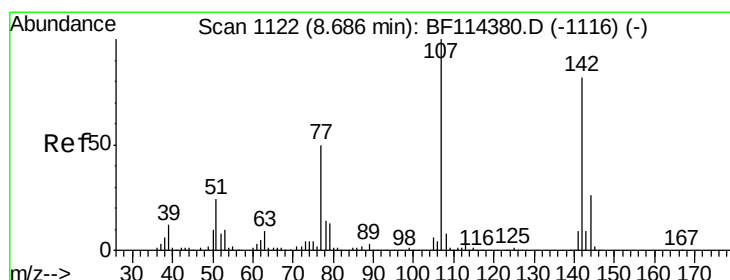
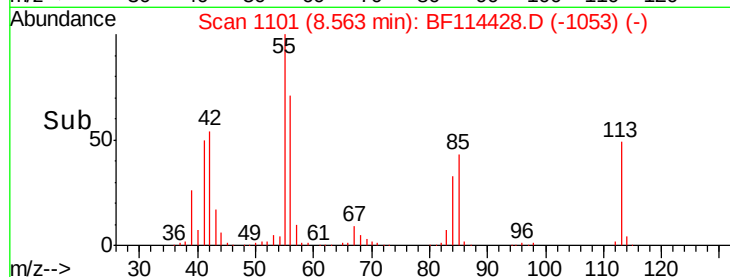
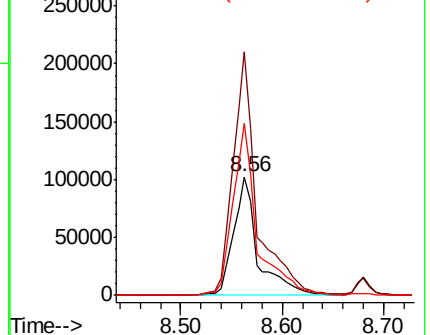
56 145.4 128.8 168.8



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: 42.581 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

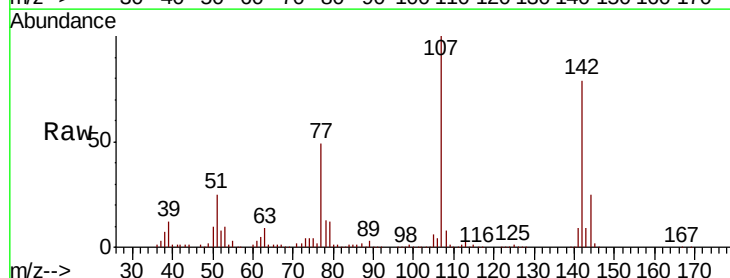
Tgt Ion:107 Resp: 509098

Ion Ratio Lower Upper

107 100

144 25.2 20.4 30.6

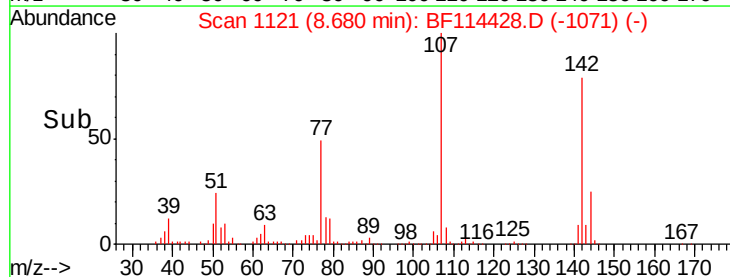
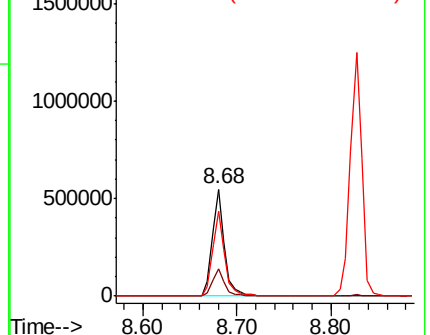
142 79.0 64.2 96.4

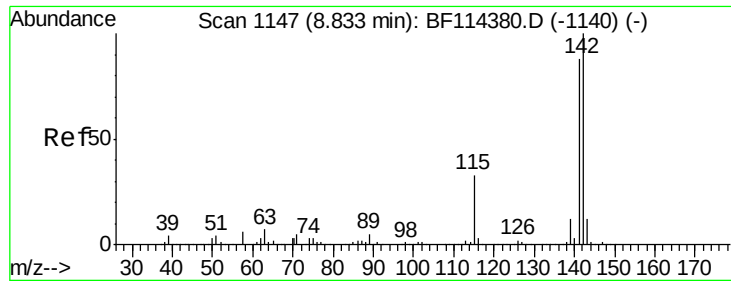


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

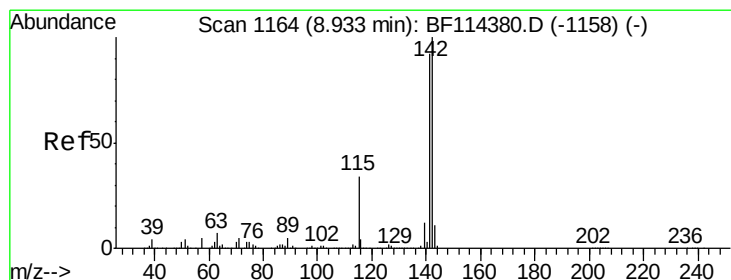
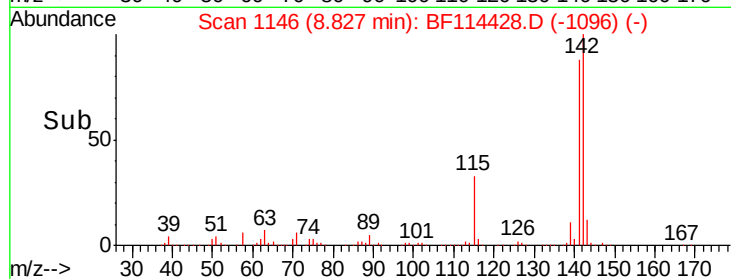
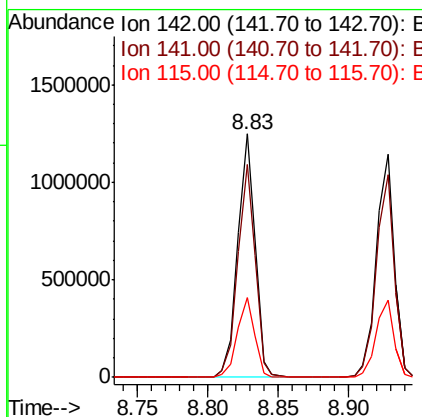
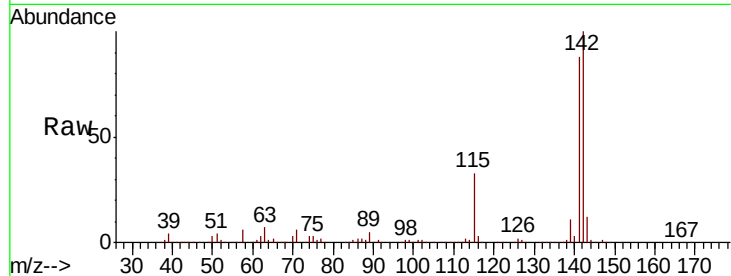




#37  
2-Methylnaphthalene  
Concen: 41.370 ng  
RT: 8.83 min Scan# 1146  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

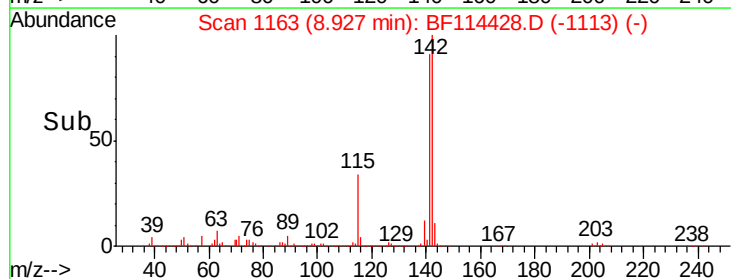
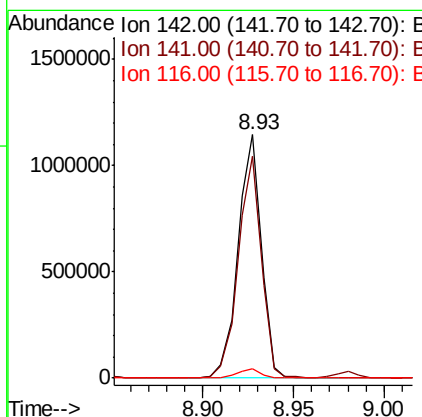
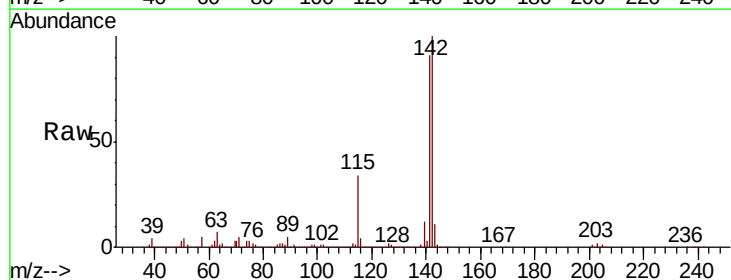
Instrument :  
BNA\_F  
ClientSampleId :

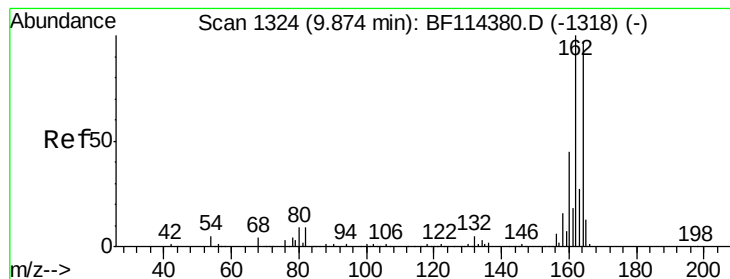
Tot Ion:142 Resp: 1075434  
Ion Ratio Lower Upper  
142 100  
141 87.6 72.1 108.1  
115 32.7 28.0 42.0



#38  
1-Methylnaphthalene  
Concen: 41.534 ng  
RT: 8.93 min Scan# 1163  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:142 Resp: 1016772  
Ion Ratio Lower Upper  
142 100  
141 90.9 73.4 110.0  
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

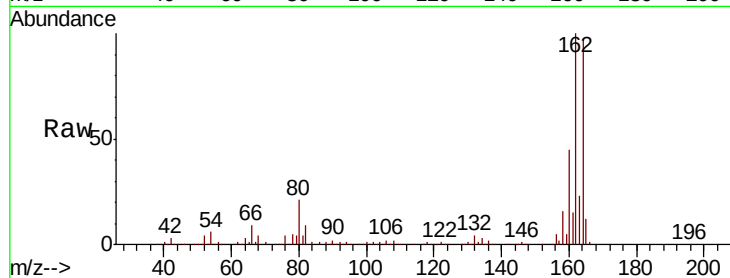
Tot Ion:164 Resp: 402391

Ion Ratio Lower Upper

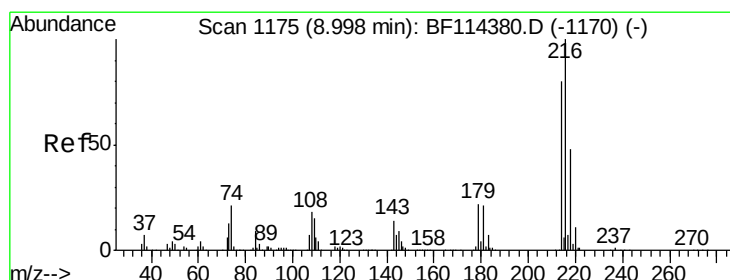
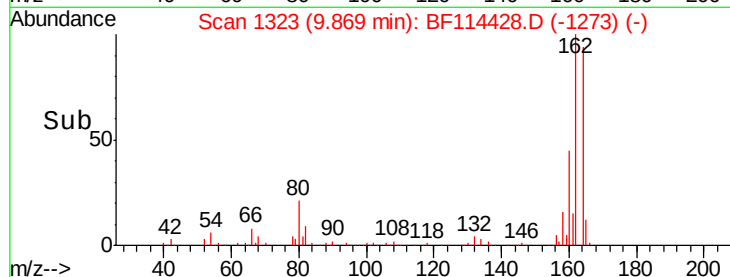
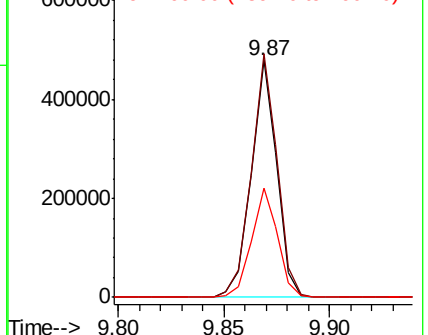
164 100

162 102.8 80.6 120.8

160 45.9 36.5 54.7



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.663 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Tgt Ion:216 Resp: 495650

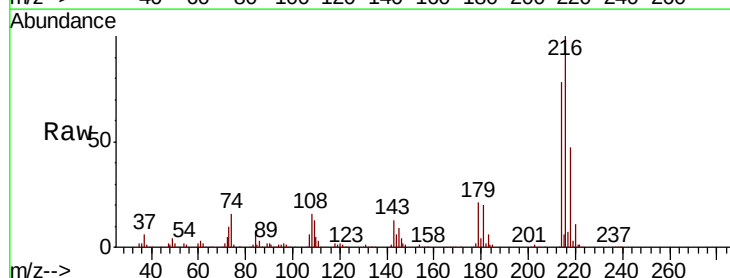
Ion Ratio Lower Upper

216 100

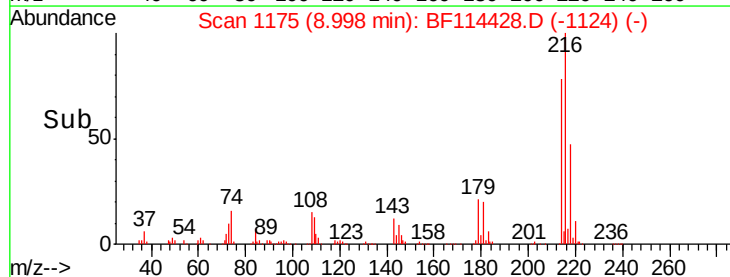
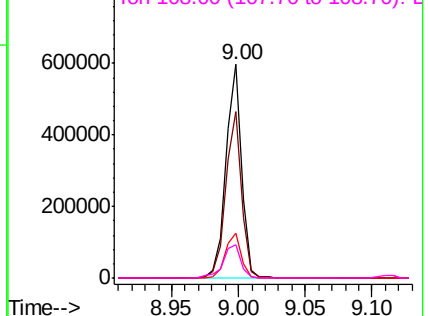
214 78.6 63.9 95.9

179 21.2 17.0 25.6

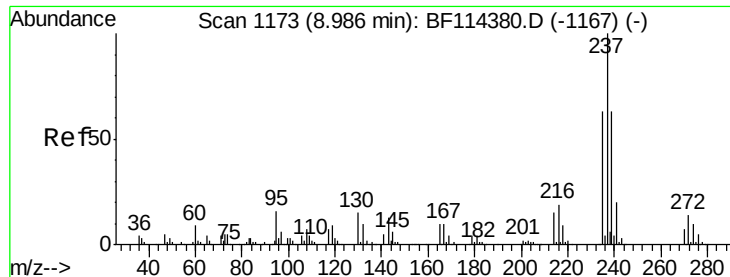
108 18.4 14.8 22.2



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



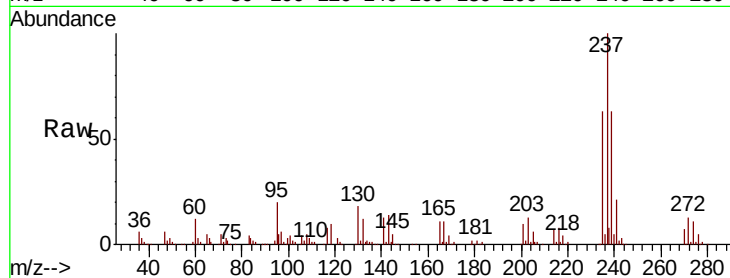




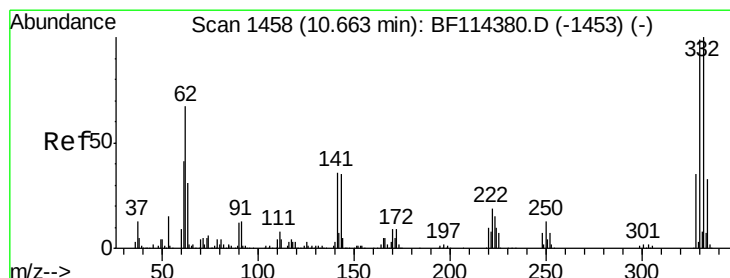
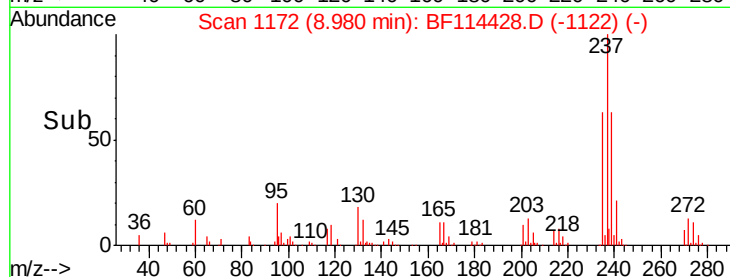
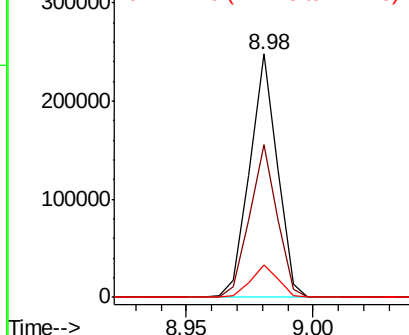
#41  
Hexachlorocyclopentadiene  
Concen: 35.819 ng  
RT: 8.98 min Scan# 1172  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 189074  
Ion Ratio Lower Upper  
237 100  
235 62.6 42.0 82.0  
272 13.3 0.0 32.4

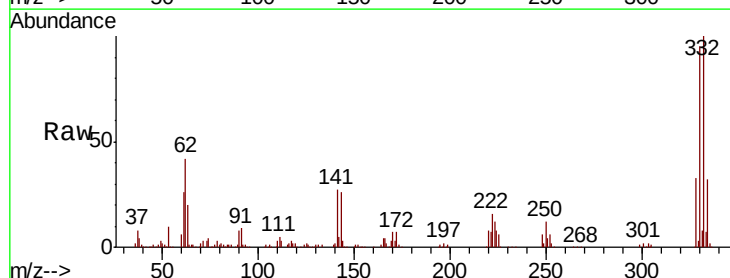


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

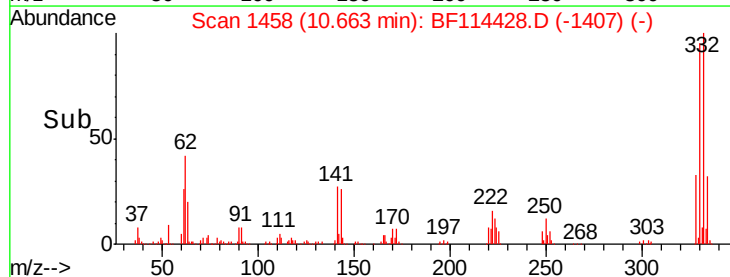
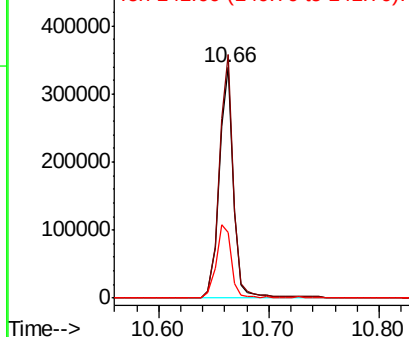


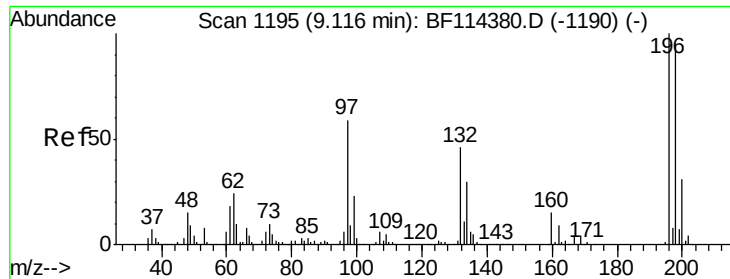
#42  
2,4,6-Tribromophenol  
Concen: 74.045 ng  
RT: 10.66 min Scan# 1458  
Delta R.T. 0.00 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:330 Resp: 308031  
Ion Ratio Lower Upper  
330 100  
332 104.9 81.4 122.2  
141 33.6 26.6 40.0



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

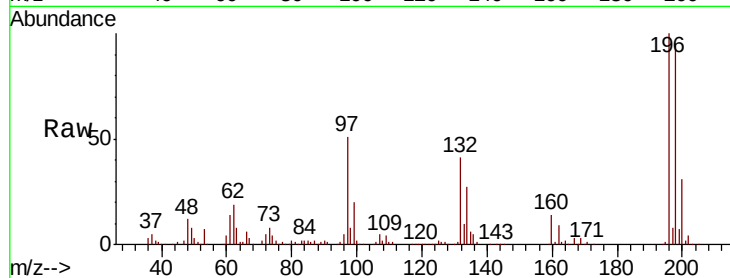




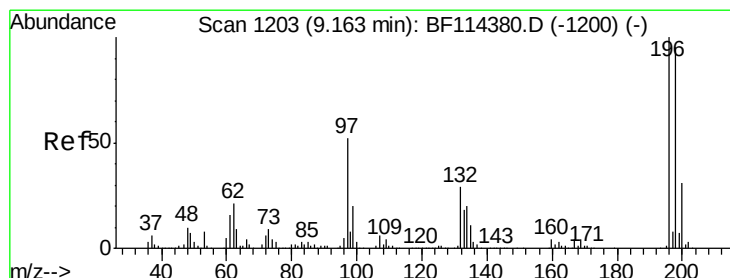
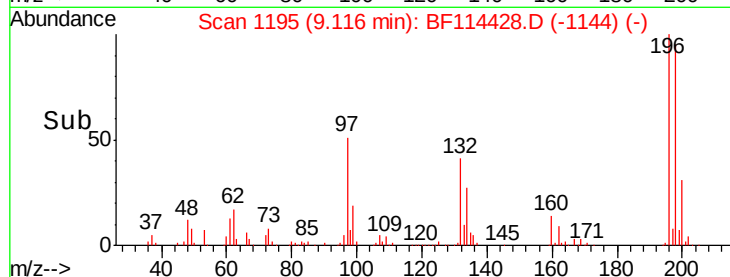
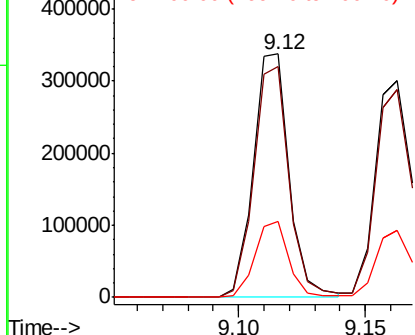
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.570 ng  
 RT: 9.12 min Scan# 1195  
 Delta R.T. 0.00 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:196 Resp: 331758  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 75.9 113.9  
 200 31.3 23.5 35.3

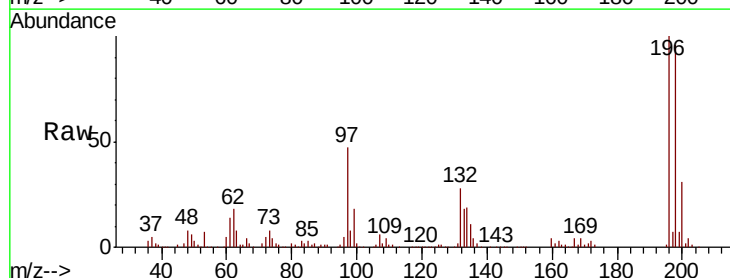


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

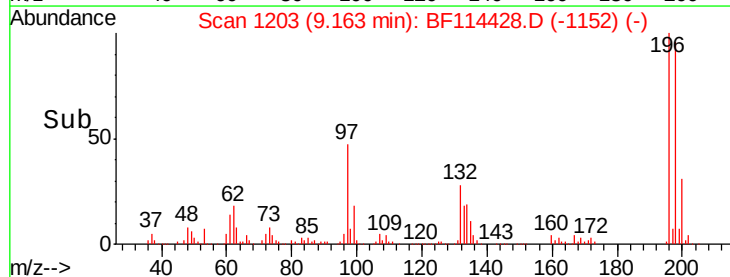
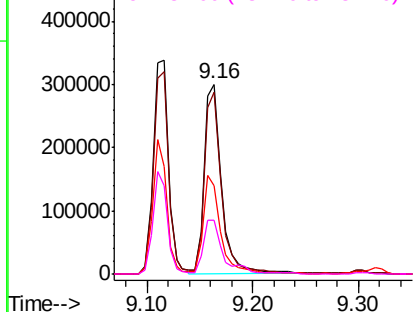


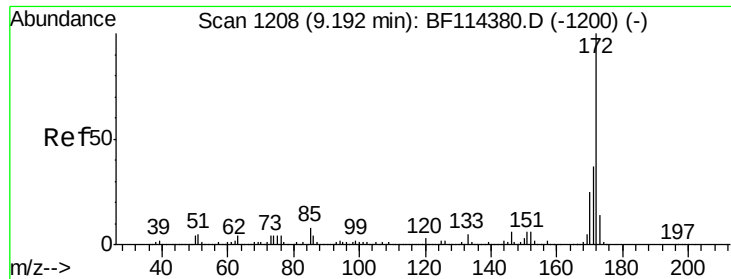
#44  
 2,4,5-Trichlorophenol  
 Concen: 39.628 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

Tgt Ion:196 Resp: 340735  
 Ion Ratio Lower Upper  
 196 100  
 198 95.7 77.7 116.5  
 97 46.6 38.2 57.2  
 132 28.0 21.4 32.2



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

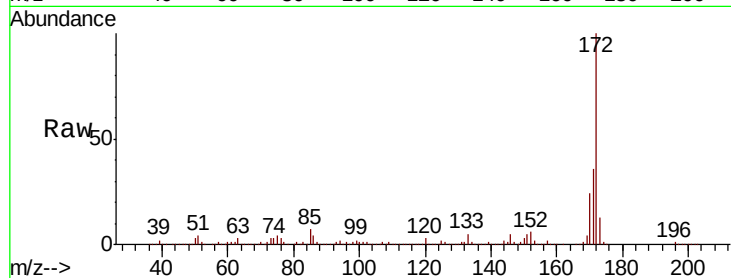




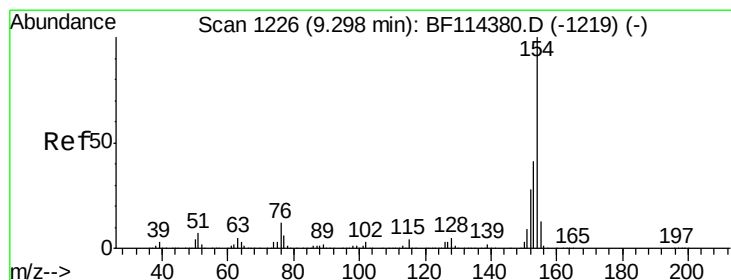
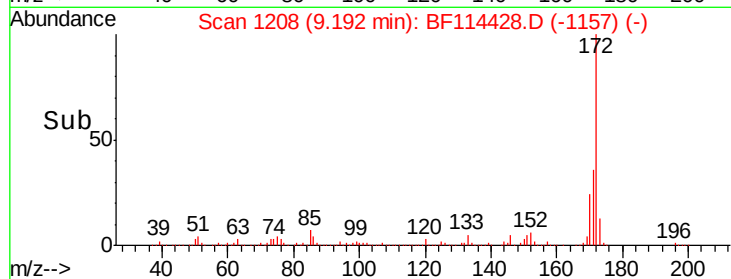
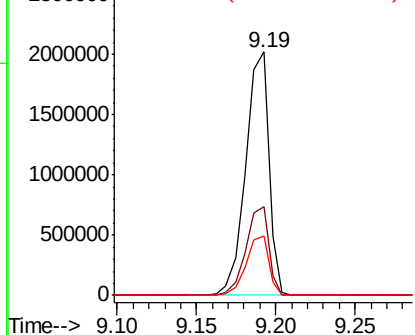
#45  
2-Fluorobiphenyl  
Concen: 77.011 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. 0.00 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 2048609  
Ion Ratio Lower Upper  
172 100  
171 36.5 30.7 46.1  
170 24.3 20.5 30.7

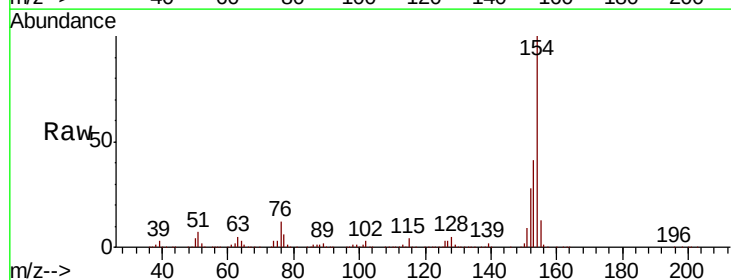


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

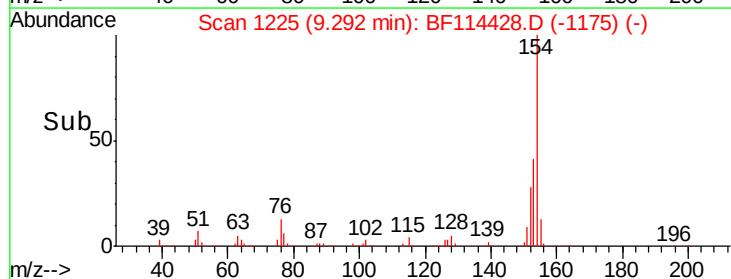
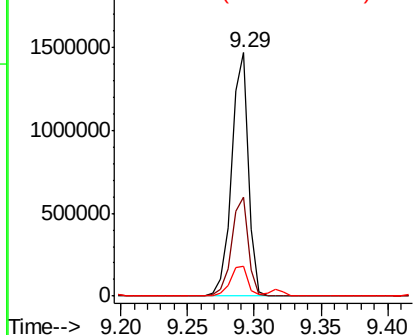


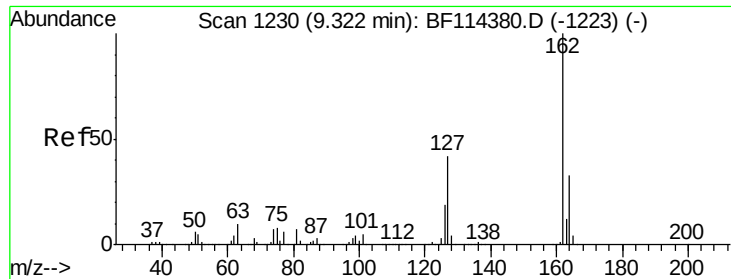
#46  
1,1'-Biphenyl  
Concen: 40.048 ng  
RT: 9.29 min Scan# 1225  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:154 Resp: 1301877  
Ion Ratio Lower Upper  
154 100  
153 40.7 21.9 61.9  
76 12.5 0.0 32.8



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

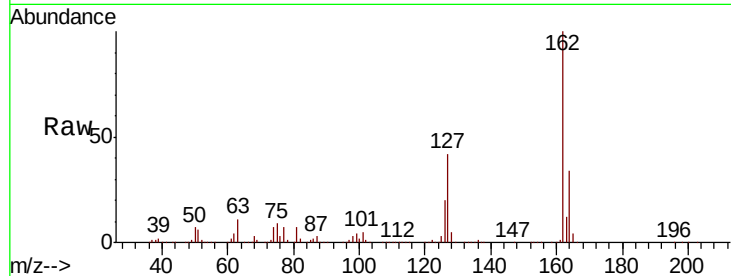




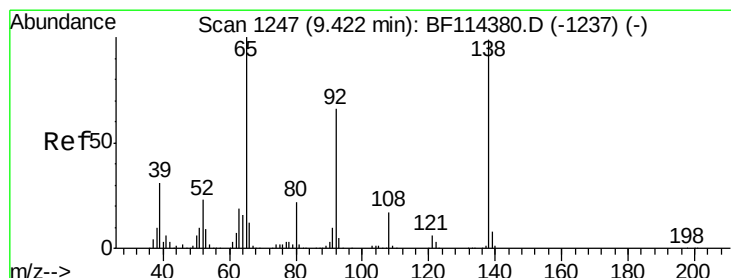
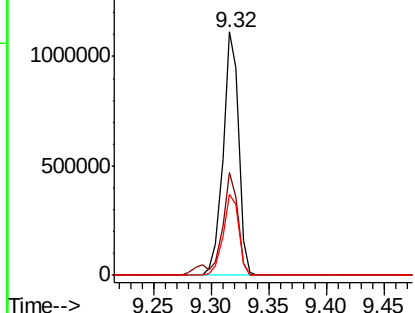
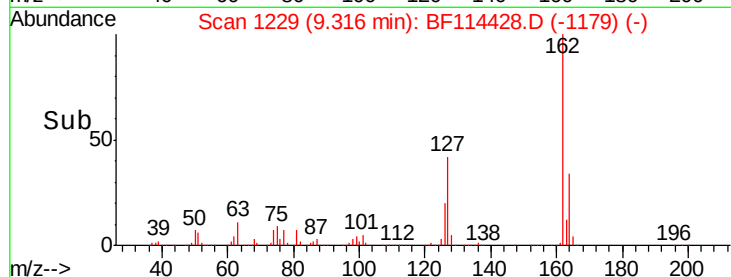
#47  
 2-Chloronaphthalene  
 Concen: 39.894 ng  
 RT: 9.32 min Scan# 1229  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:162 Resp: 1043701  
 Ion Ratio Lower Upper  
 162 100  
 127 42.4 34.0 51.0  
 164 33.5 26.7 40.1

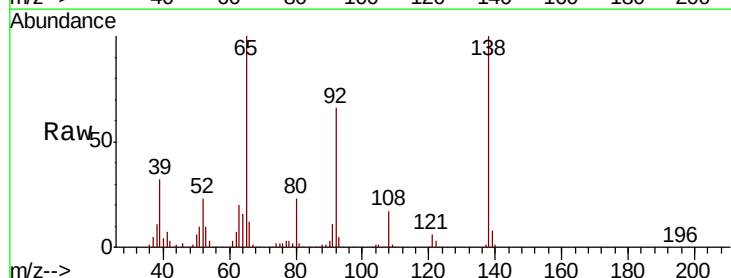


Abundance Ion 162.00 (161.70 to 162.70): E  
 1500000 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

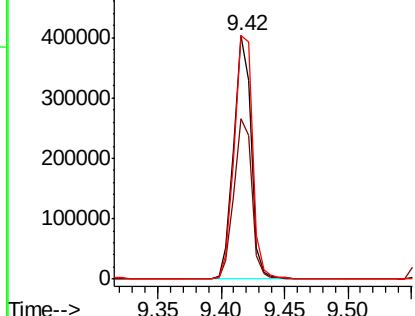
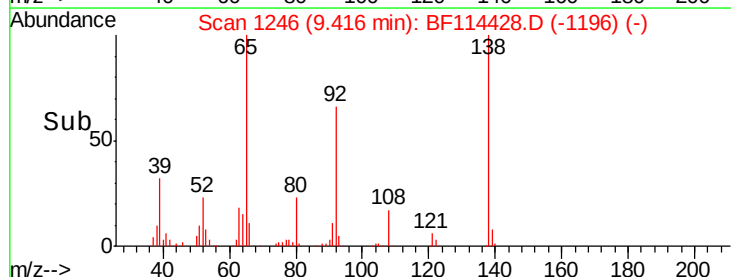


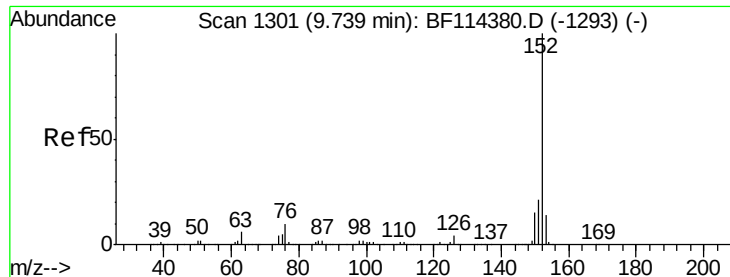
#48  
 2-Nitroaniline  
 Concen: 41.085 ng  
 RT: 9.42 min Scan# 1246  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

Tgt Ion: 65 Resp: 381199  
 Ion Ratio Lower Upper  
 65 100  
 92 66.0 53.9 80.9  
 138 100.2 81.4 122.0



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





#49

Acenaphthylene

Concen: 39.954 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

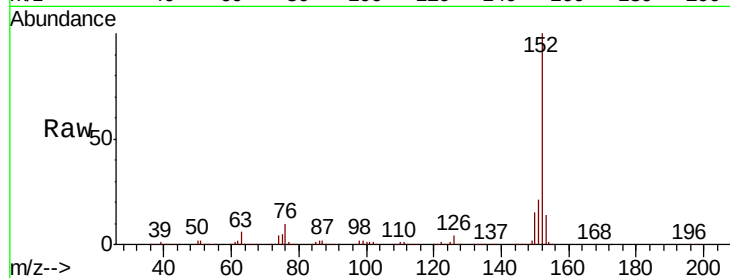
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:152 Resp: 1589791

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.2  | 16.8  | 25.2  |
| 153 | 13.7  | 11.4  | 17.2  |

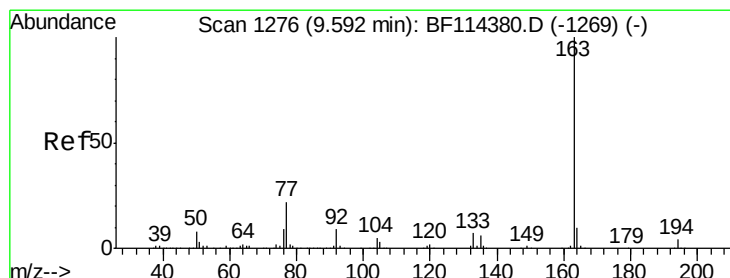
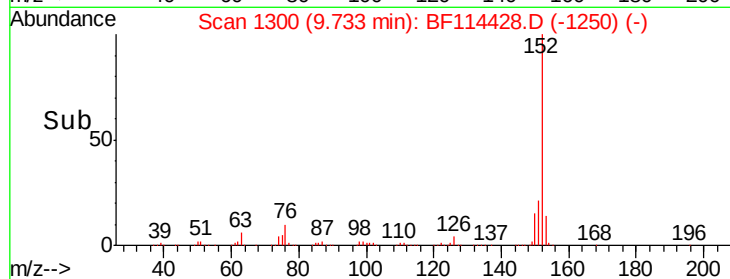
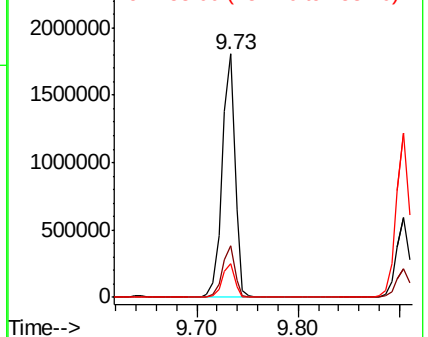


Abundance

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: 40.154 ng

RT: 9.59 min Scan# 1275

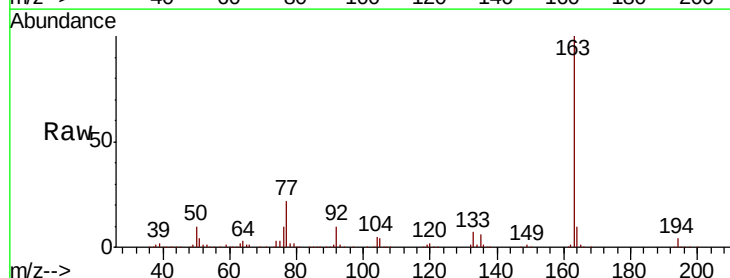
Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Tgt Ion:163 Resp: 1186115

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.7   | 3.4   | 5.0   |
| 164 | 10.4  | 8.2   | 12.2  |

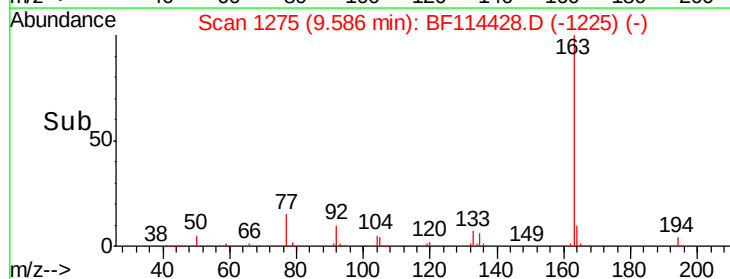
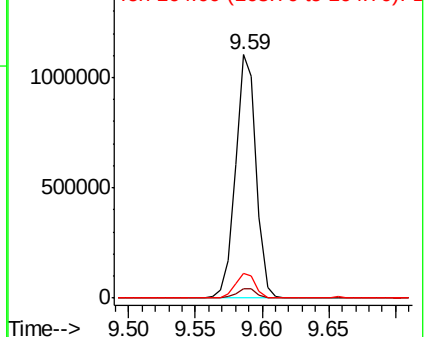


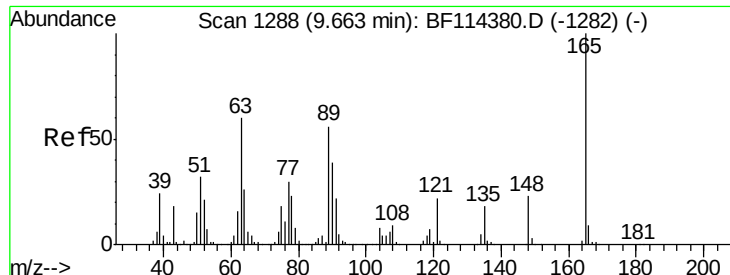
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.377 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampled :

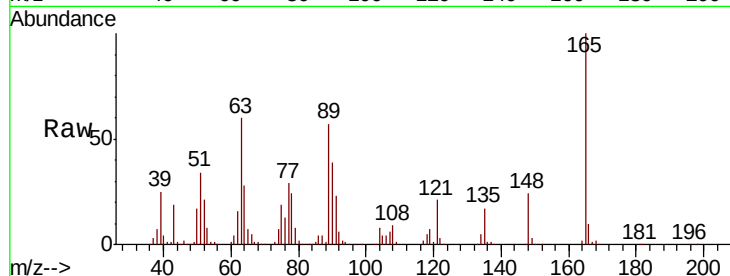
Tot Ion:165 Resp: 264540

Ion Ratio Lower Upper

165 100

63 60.2 50.2 75.4

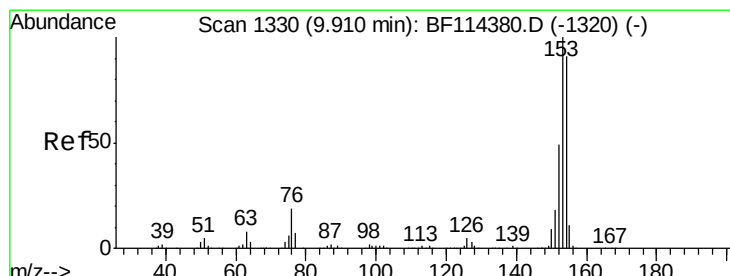
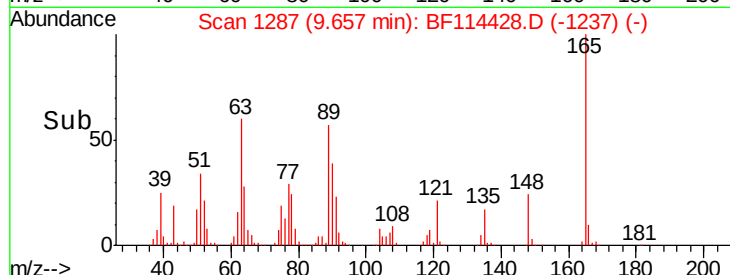
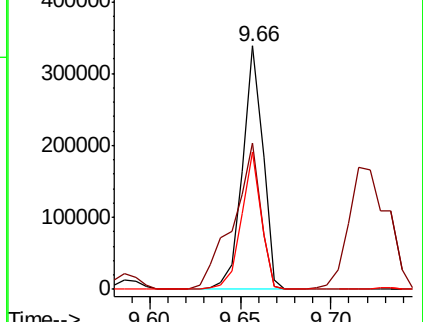
89 56.5 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.741 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

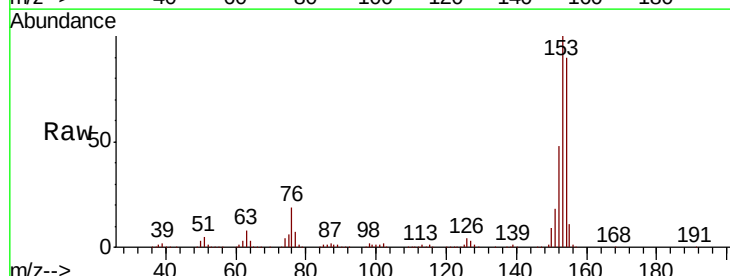
Tgt Ion:154 Resp: 945939

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

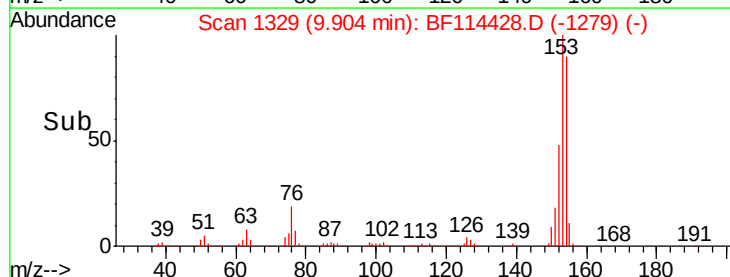
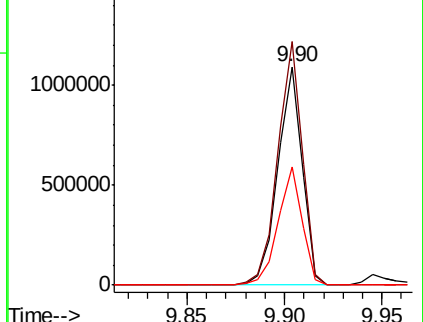
152 54.0 43.4 65.2

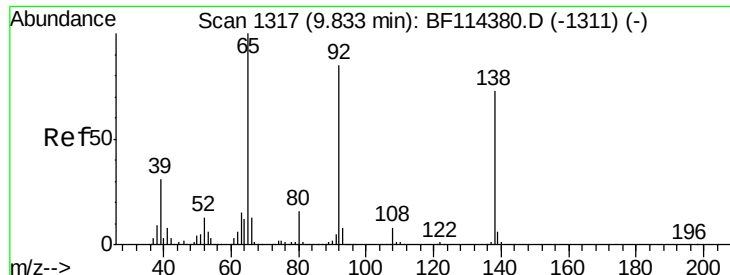


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

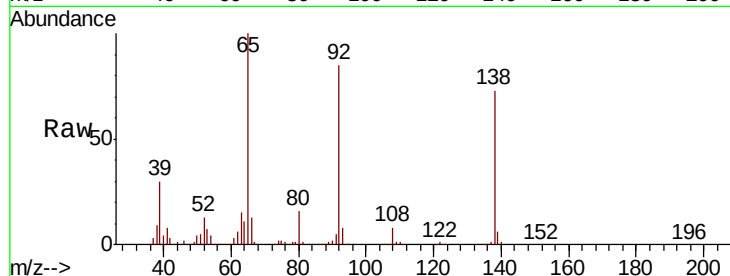




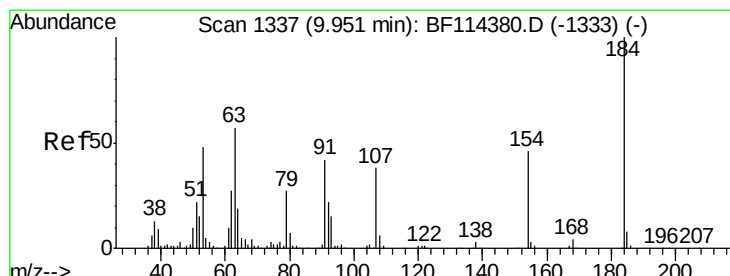
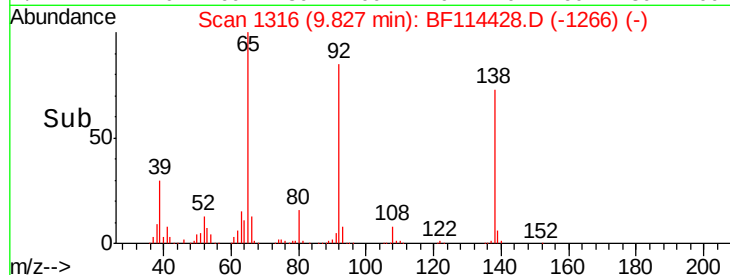
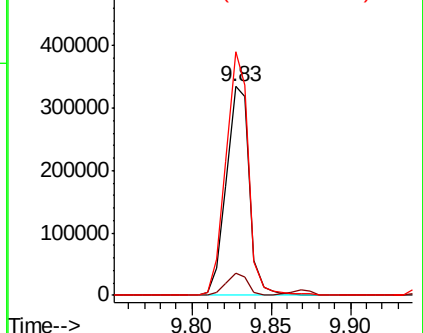
#53  
3-Nitroaniline  
Concen: 41.696 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 339111  
Ion Ratio Lower Upper  
138 100  
108 10.4 7.8 11.6  
92 116.6 91.2 136.8

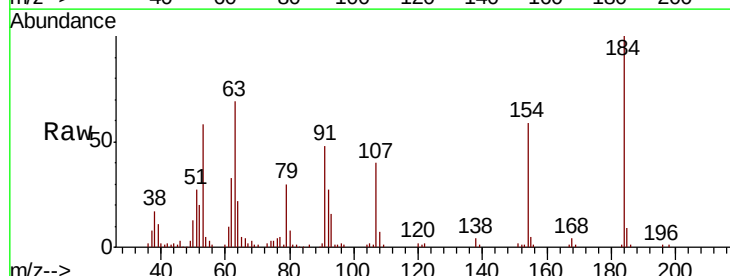


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF1

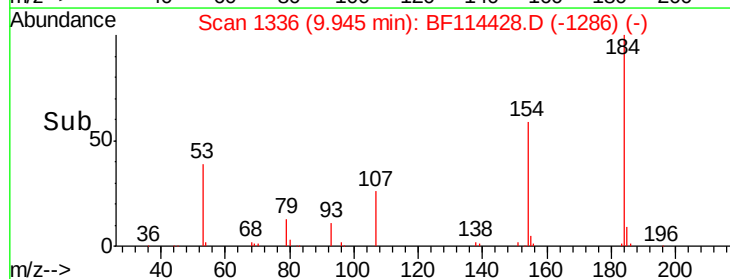
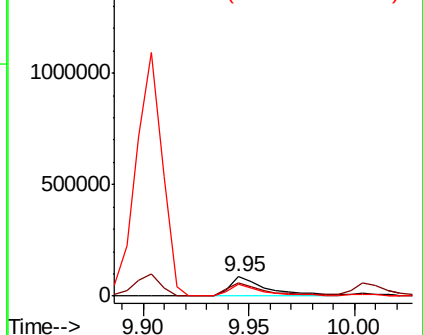


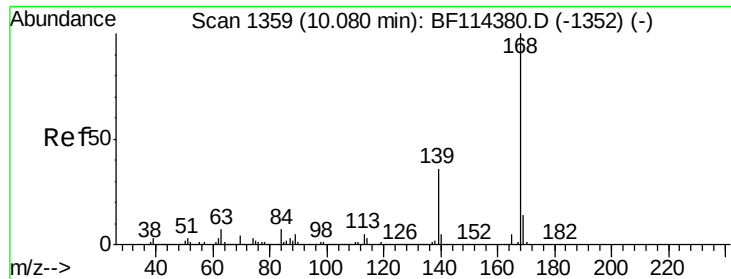
#54  
2,4-Dinitrophenol  
Concen: 35.638 ng  
RT: 9.95 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:184 Resp: 103952  
Ion Ratio Lower Upper  
184 100  
63 69.1 55.6 83.4  
154 58.7 46.0 69.0



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

Dibenzenofuran

Concen: 37.913 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

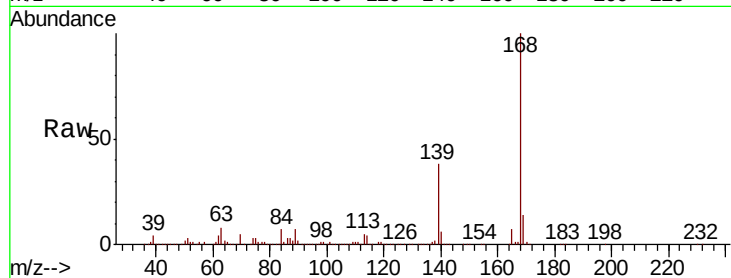
Tot Ion:168 Resp: 1357443

Ion Ratio Lower Upper

168 100

139 38.4 31.1 46.7

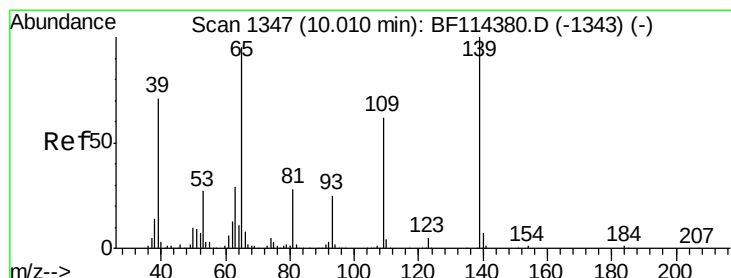
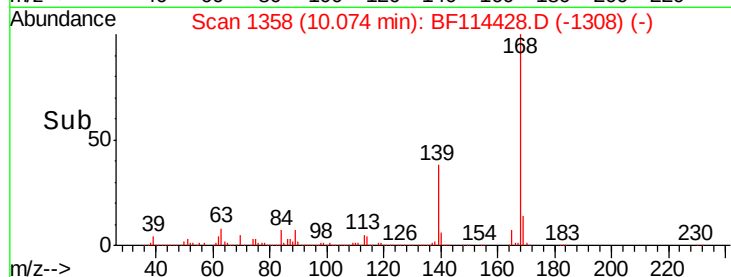
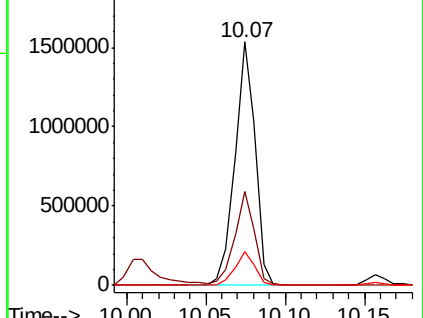
169 14.0 11.4 17.0



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: 37.690 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

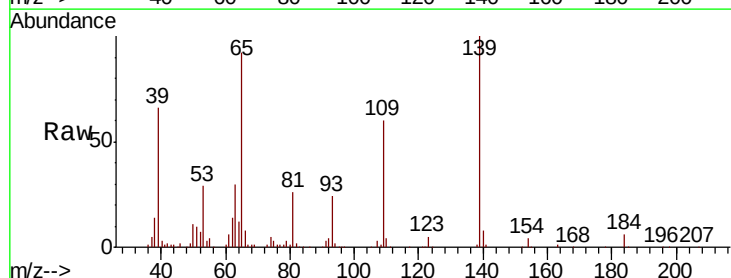
Tgt Ion:139 Resp: 216777

Ion Ratio Lower Upper

139 100

109 60.2 43.9 83.9

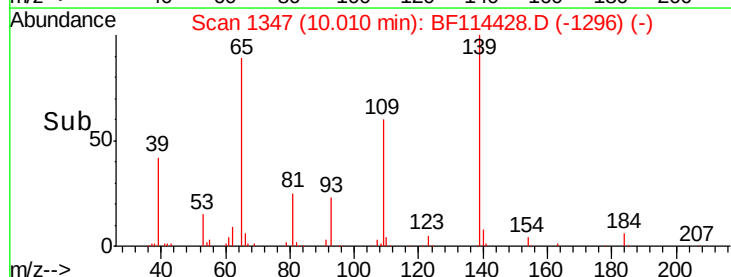
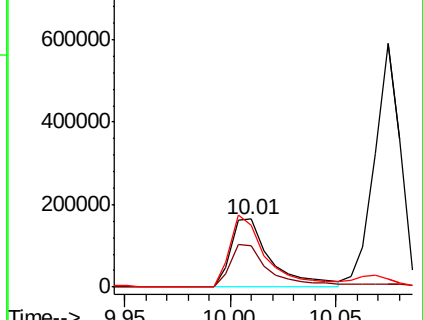
65 92.0 85.7 125.7



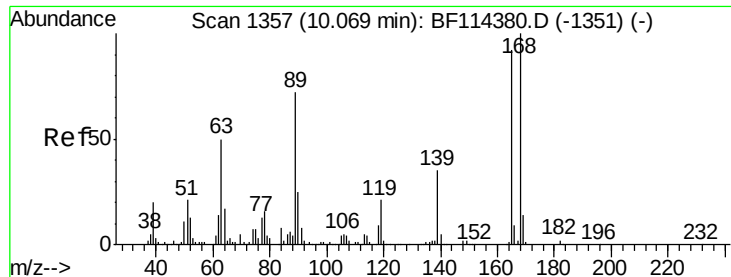
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



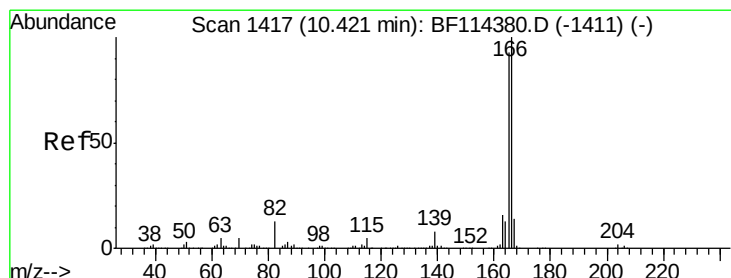
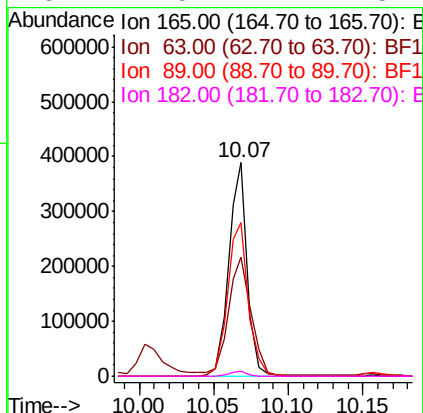
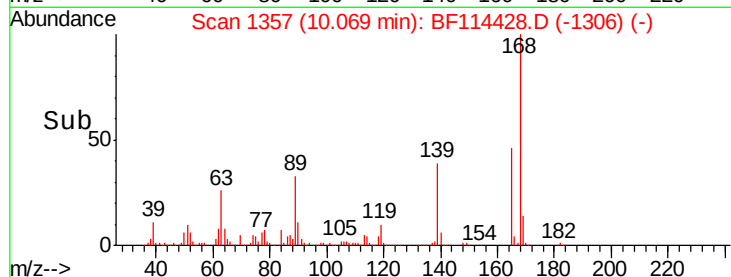
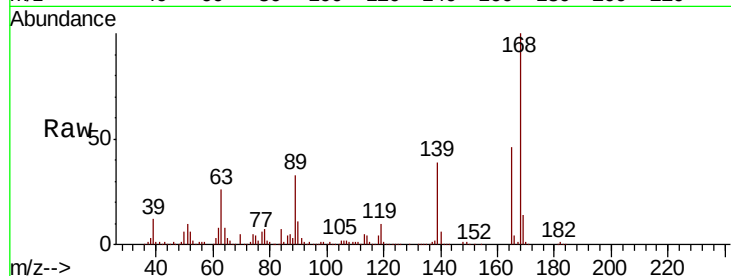




#57  
 2,4-Dinitrotoluene  
 Concen: 38.137 ng  
 RT: 10.07 min Scan# 1357  
 Delta R.T. 0.00 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

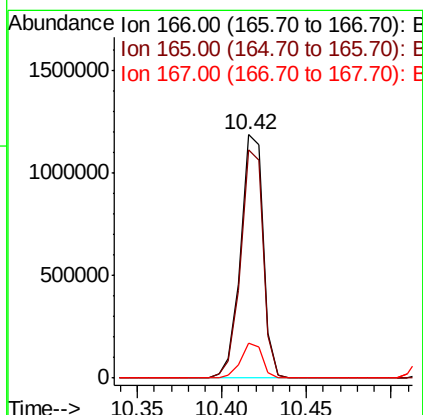
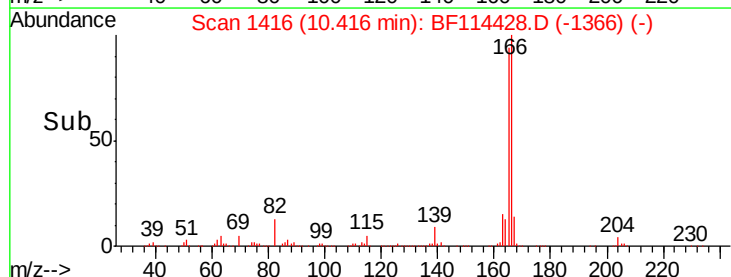
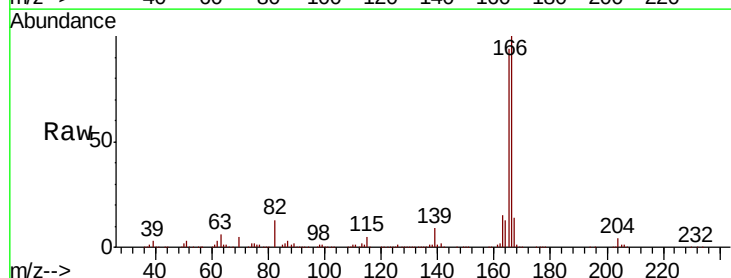
Instrument :  
 BNA\_F  
 ClientSampleId :

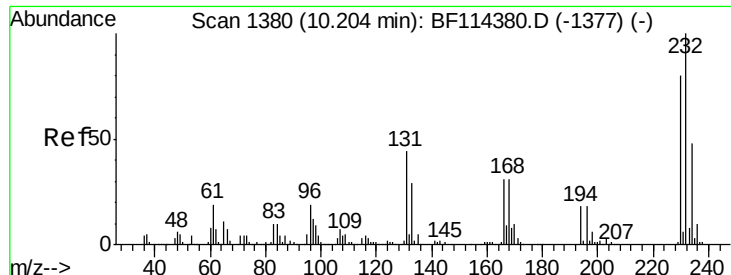
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.0  | 35.5  | 53.3# |
| 89      | 72.2  | 55.2  | 82.8  |
| 182     | 2.5   | 2.2   | 3.2   |



#58  
 Fluorene  
 Concen: 39.984 ng  
 RT: 10.42 min Scan# 1416  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 93.8  | 76.1  | 114.1 |
| 167     | 14.2  | 11.1  | 16.7  |

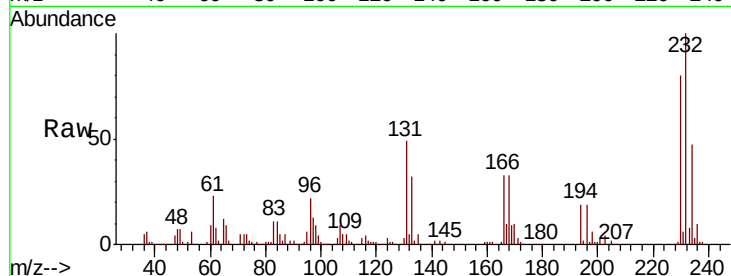




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.157 ng  
 RT: 10.20 min Scan# 1379  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.9  | 35.6  | 53.4  |
| 130     | 2.0   | 1.6   | 2.4   |
| 166     | 28.9  | 24.1  | 36.1  |



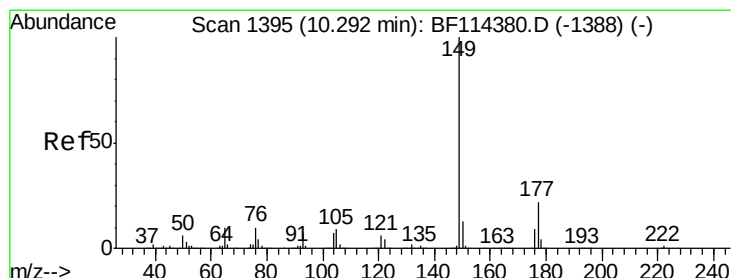
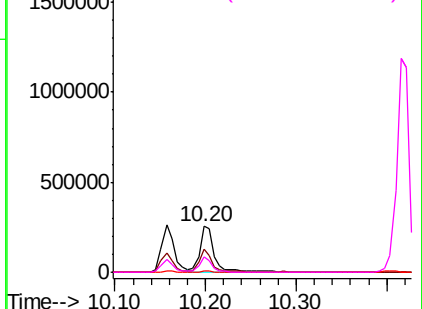
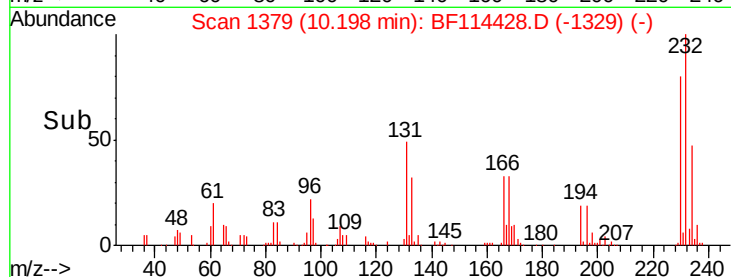
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

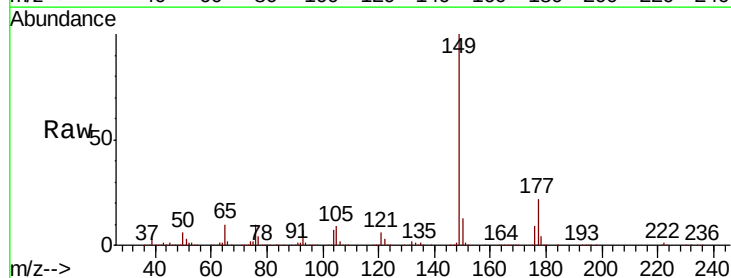
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 38.893 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.6  | 17.8  | 26.6  |
| 150     | 12.7  | 10.2  | 15.2  |

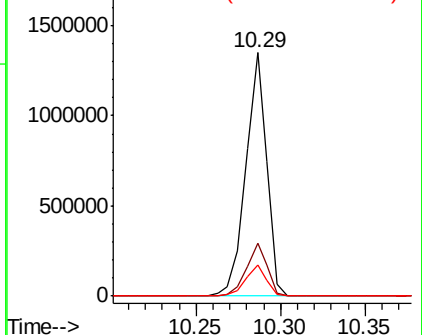
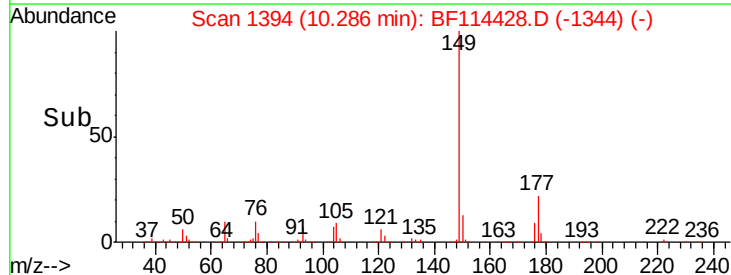


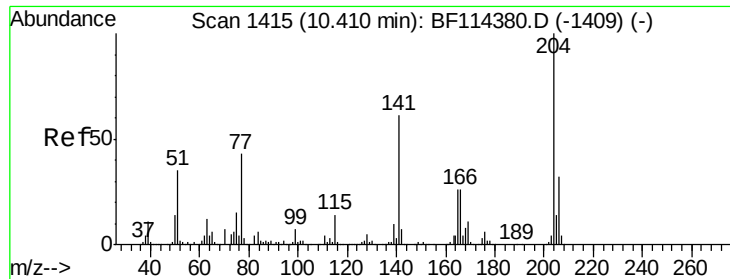
Abundance

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

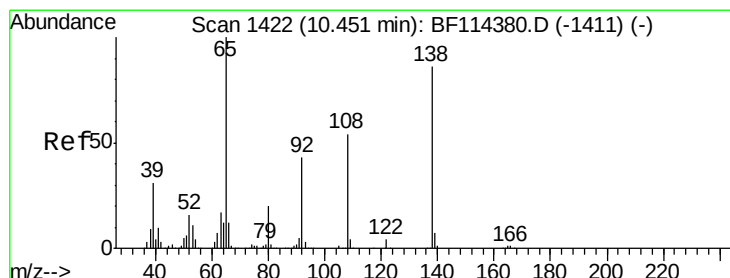
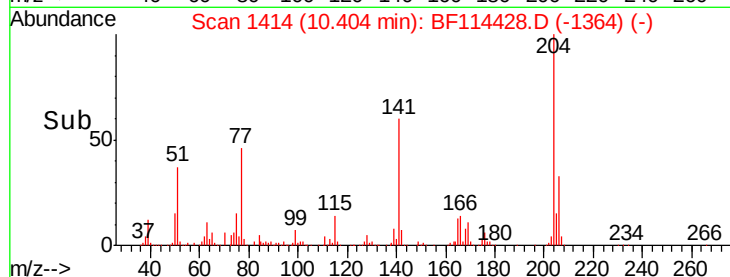
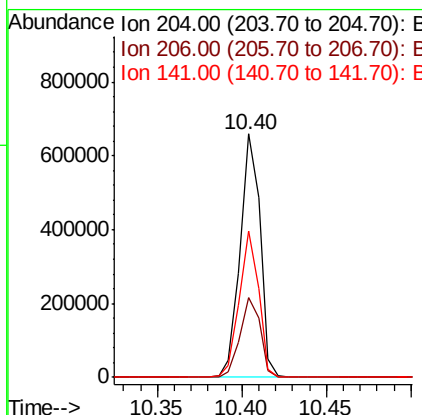
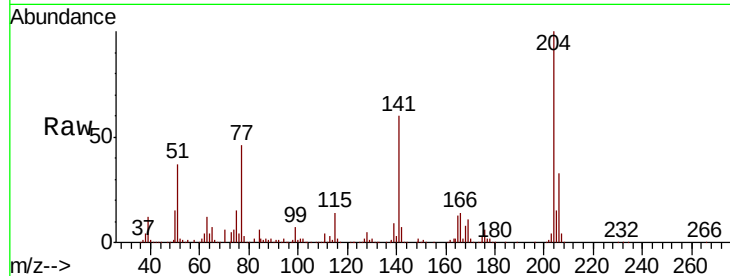




#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.974 ng  
 RT: 10.40 min Scan# 1414  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

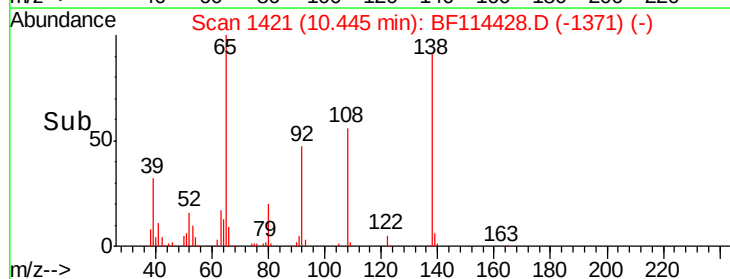
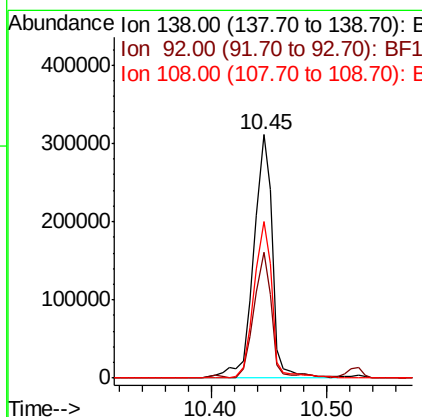
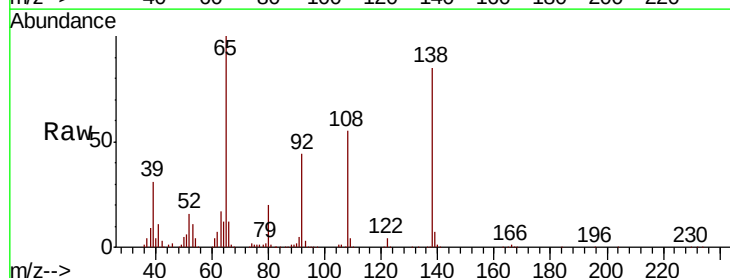
Instrument :  
 BNA\_F  
 ClientSampled :

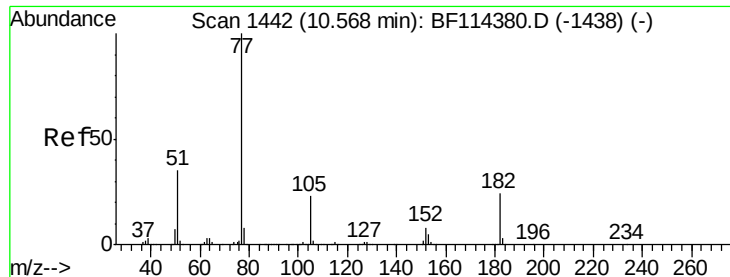
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.6  | 39.8  |
| 141     | 60.4  | 46.4  | 69.6  |



#62  
 4-Nitroaniline  
 Concen: 41.340 ng  
 RT: 10.45 min Scan# 1421  
 Delta R.T. -0.01 min  
 Lab File: BF114428.D  
 Acq: 20 May 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.5  | 33.0  | 73.0  |
| 108     | 64.1  | 44.9  | 84.9  |

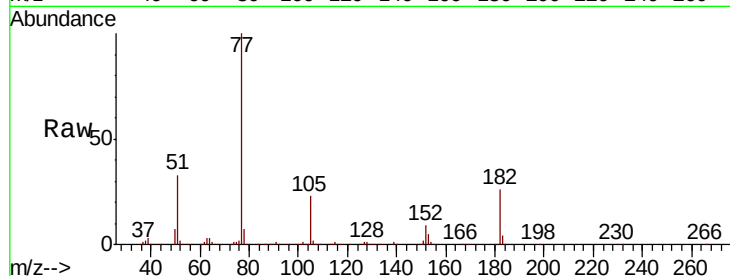




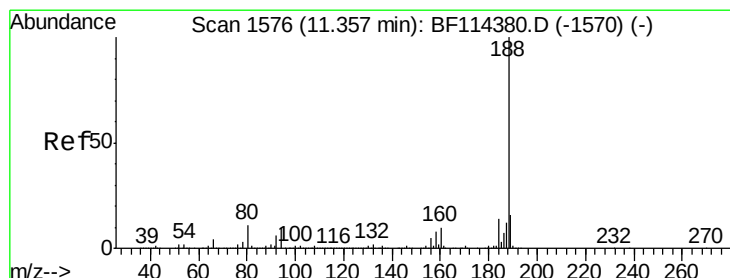
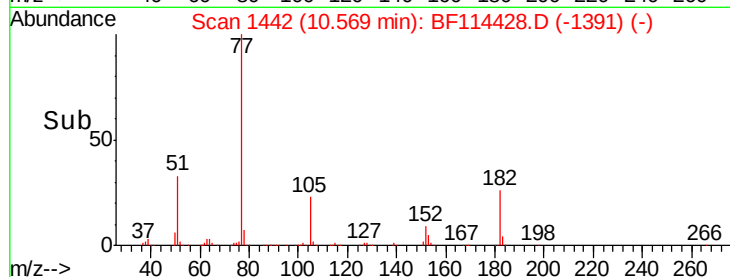
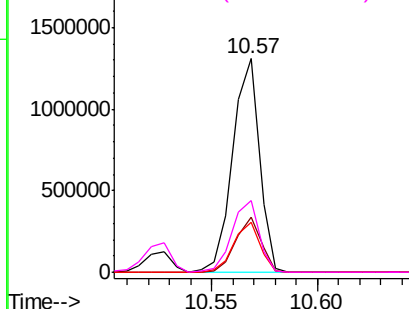
#63  
Azobenzene  
Concen: 39.176 ng  
RT: 10.57 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion: 77 Resp: 1138128  
Ion Ratio Lower Upper  
77 100  
182 26.0 4.7 44.7  
105 23.3 2.9 42.9  
51 33.4 14.6 54.6

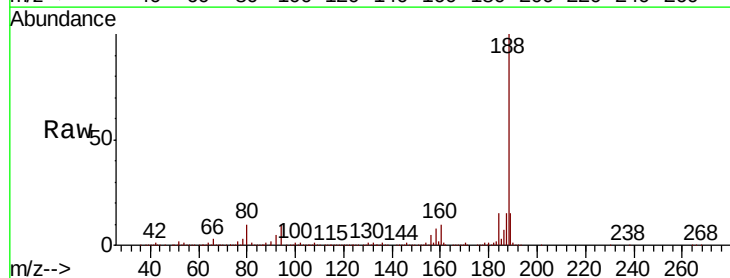


Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1

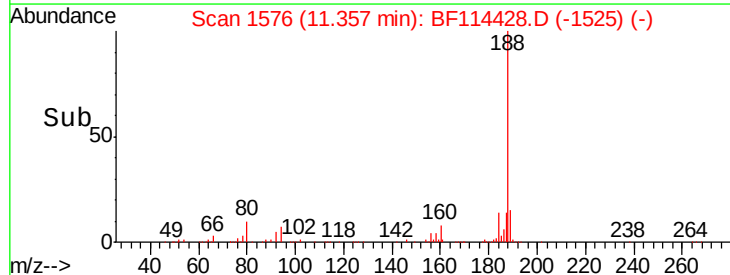
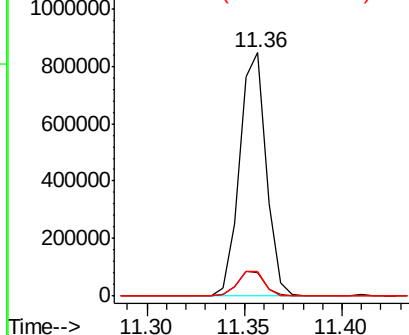


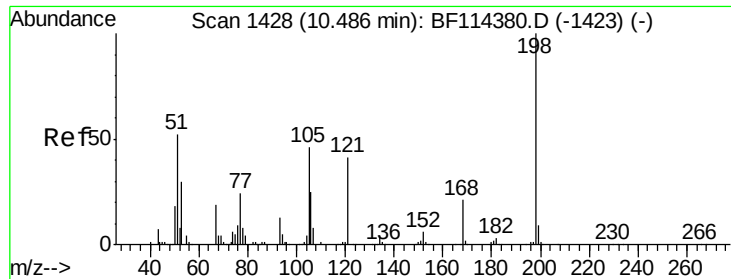
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.36 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion: 188 Resp: 801458  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.4 12.6  
80 9.9 9.2 13.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.618 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampled :

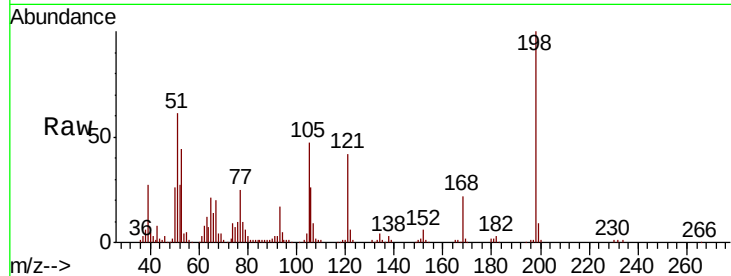
Tot Ion:198 Resp: 160277

Ion Ratio Lower Upper

198 100

51 61.1 28.0 68.0

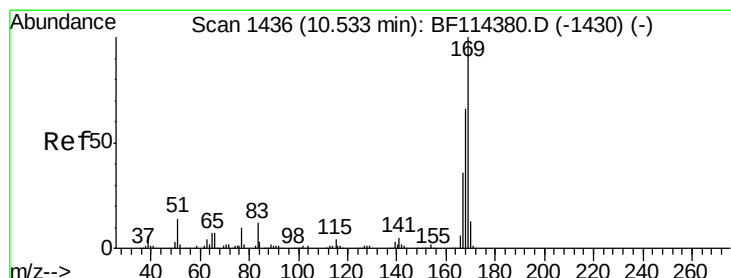
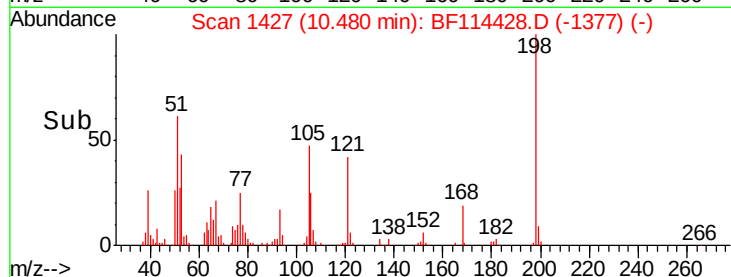
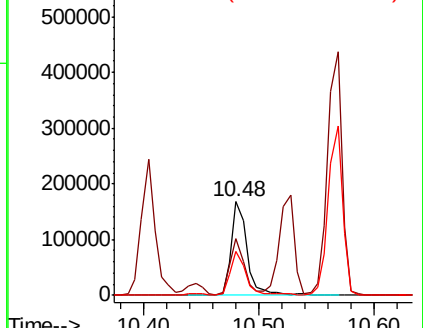
105 46.9 21.1 61.1



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: 40.324 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

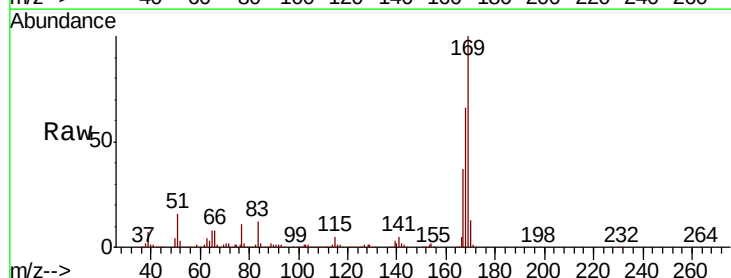
Tgt Ion:169 Resp: 980861

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.2

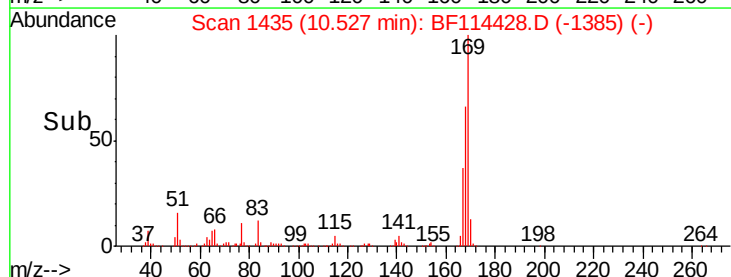
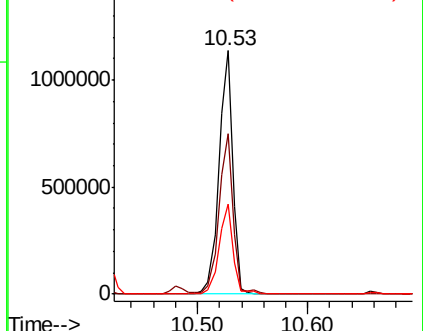
167 36.9 29.8 44.8

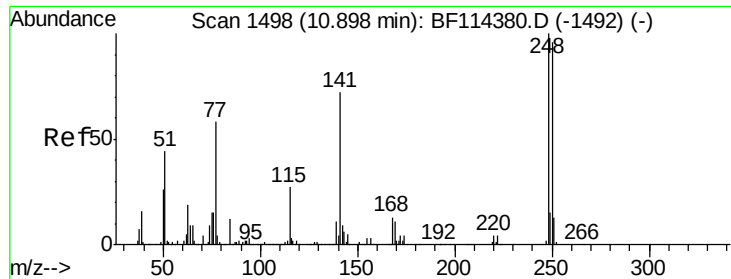


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

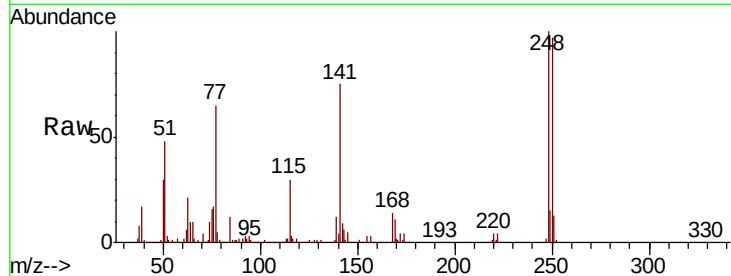




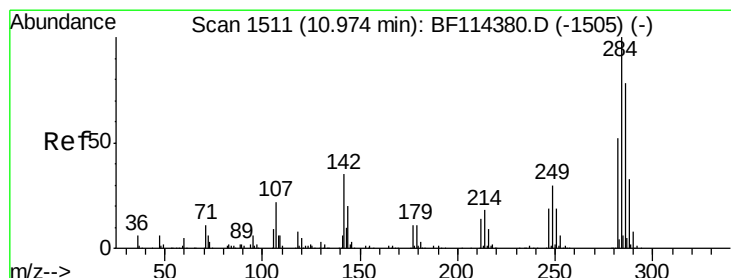
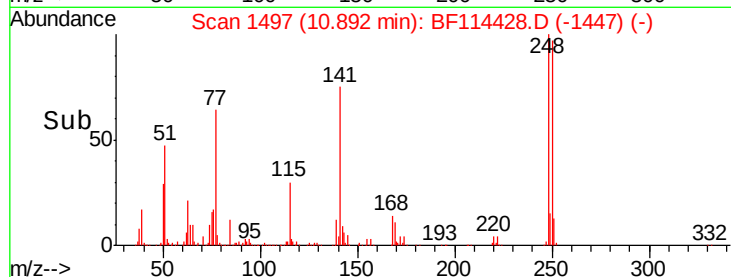
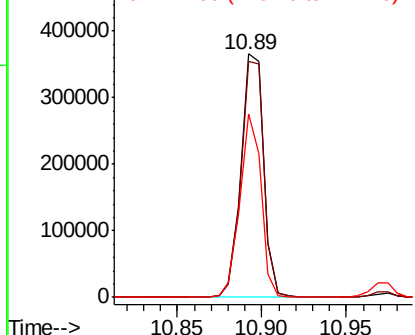
#67  
4-Bromophenyl-phenylether  
Concen: 38.902 ng  
RT: 10.89 min Scan# 1497  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:248 Resp: 343286  
Ion Ratio Lower Upper  
248 100  
250 97.1 77.4 116.2  
141 75.3 55.6 83.4

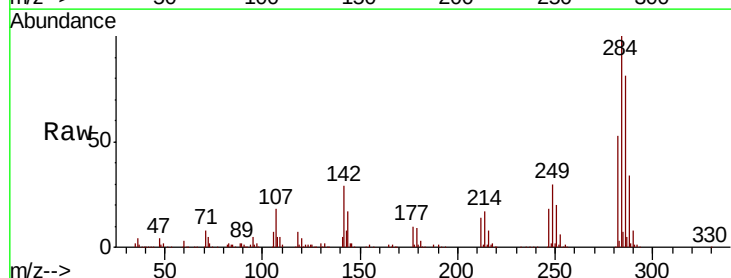


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

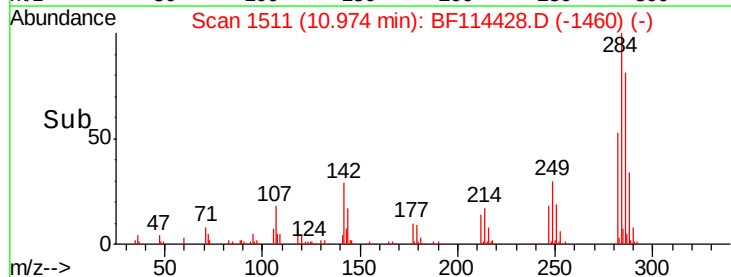
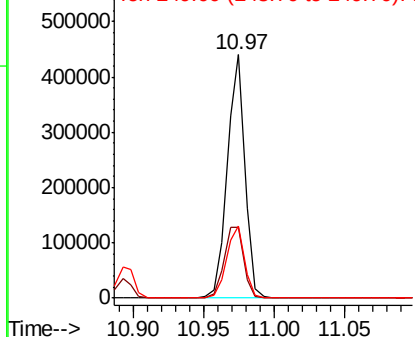


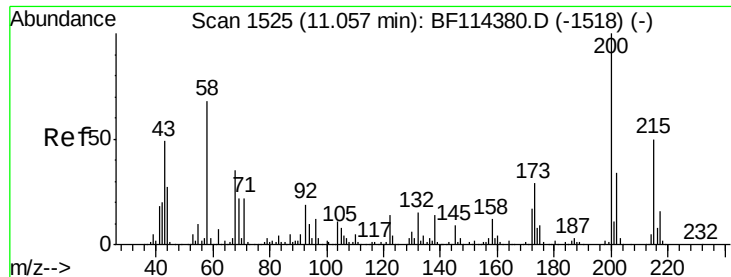
#68  
Hexachlorobenzene  
Concen: 38.840 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. 0.00 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:284 Resp: 379159  
Ion Ratio Lower Upper  
284 100  
142 29.3 28.4 42.6  
249 29.7 25.2 37.8



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

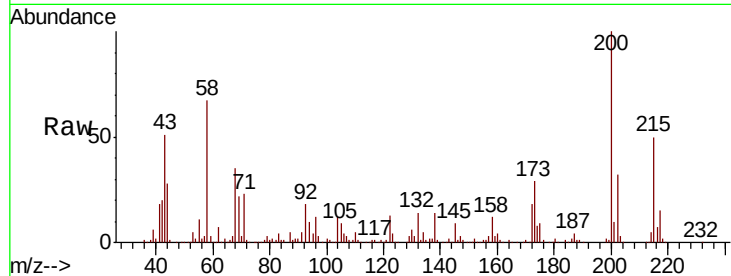




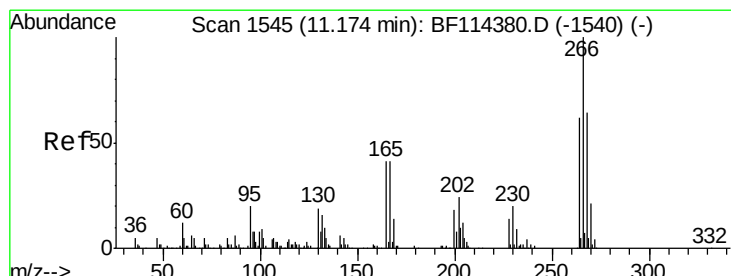
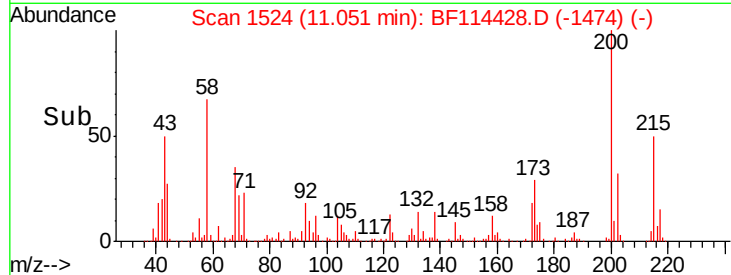
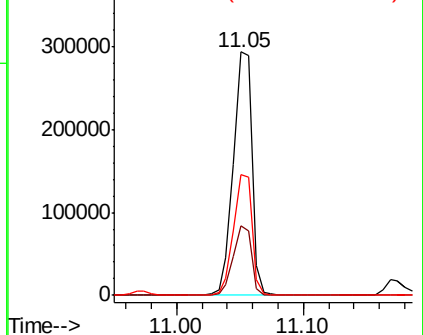
#69  
Atrazine  
Concen: 39.172 ng  
RT: 11.05 min Scan# 1524  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:200 Resp: 296516  
Ion Ratio Lower Upper  
200 100  
173 28.6 8.9 48.9  
215 49.7 30.7 70.7

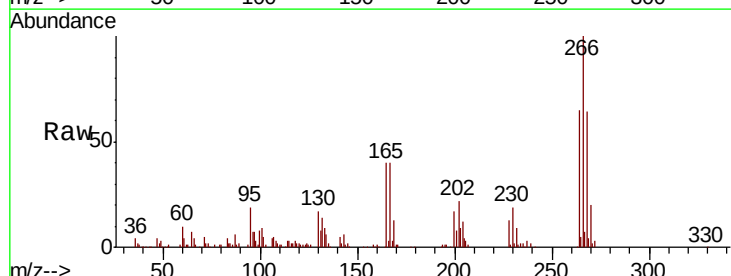


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

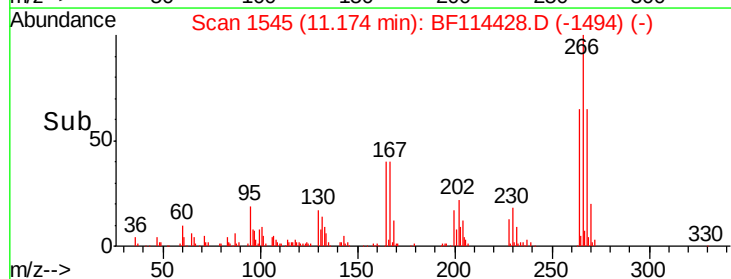
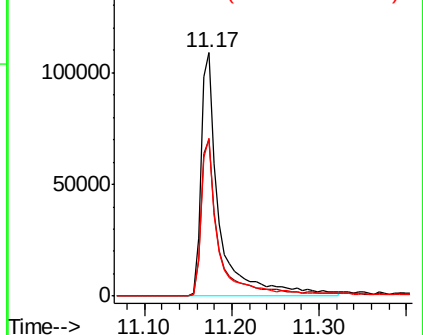


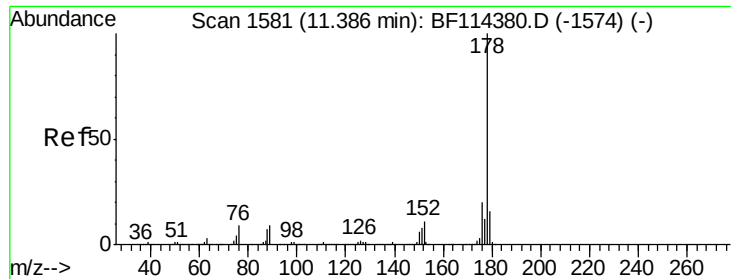
#70  
Pentachlorophenol  
Concen: 34.378 ng  
RT: 11.17 min Scan# 1545  
Delta R.T. 0.00 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:266 Resp: 159092  
Ion Ratio Lower Upper  
266 100  
268 64.5 51.1 76.7  
264 64.7 51.1 76.7



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

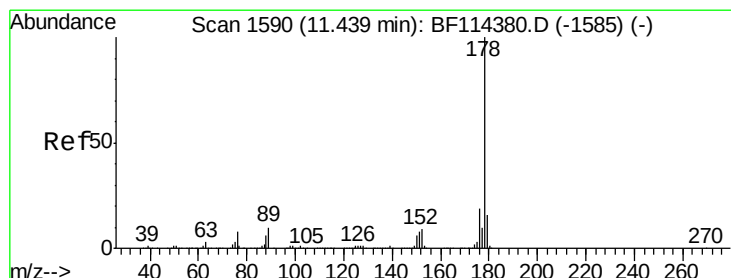
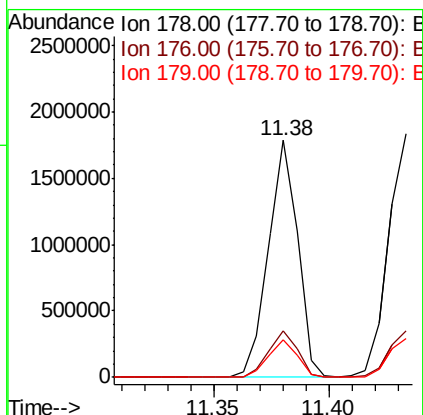
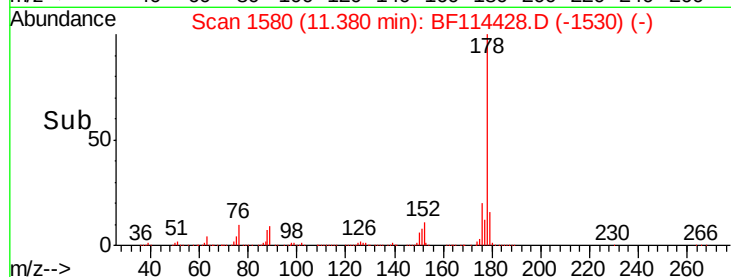
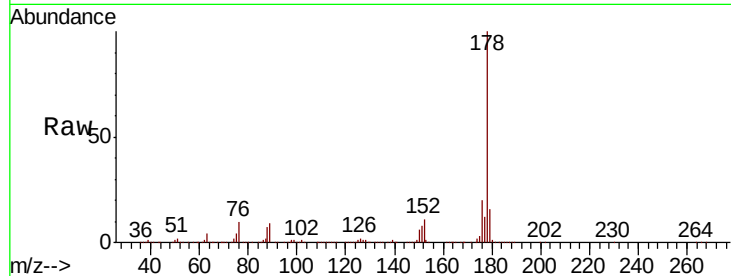




#71  
Phenanthrene  
Concen: 40.556 ng  
RT: 11.38 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

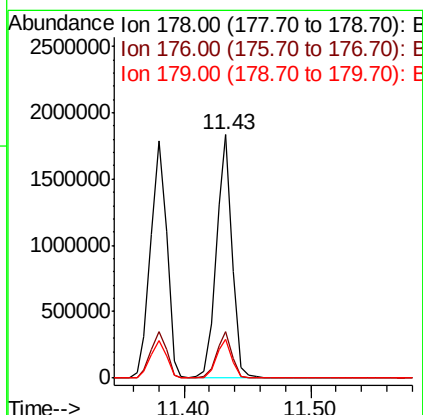
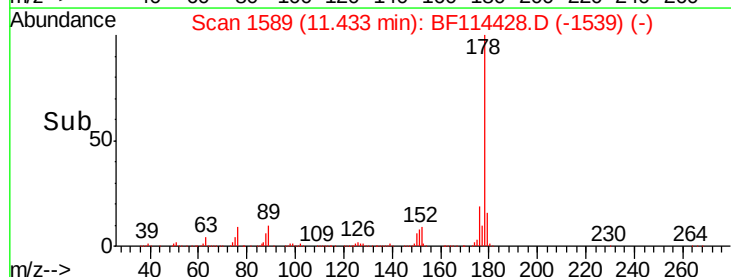
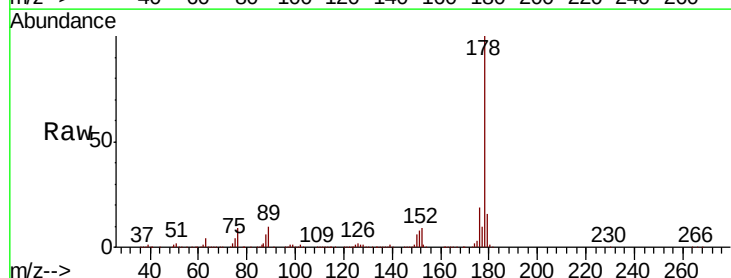
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:178 Resp: 1581367  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.4 24.6  
179 16.0 13.2 19.8

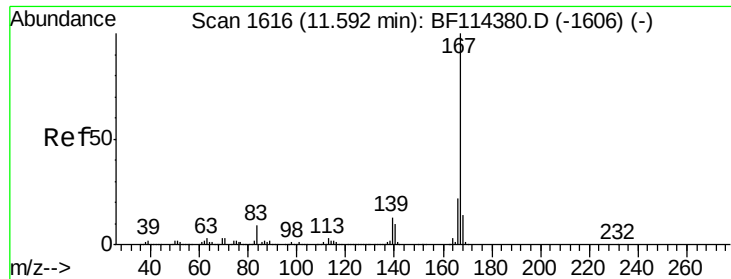


#72  
Anthracene  
Concen: 40.881 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:178 Resp: 1601077  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.8 23.8  
179 16.1 13.0 19.4







#73

Carbazole

Concen: 41.607 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

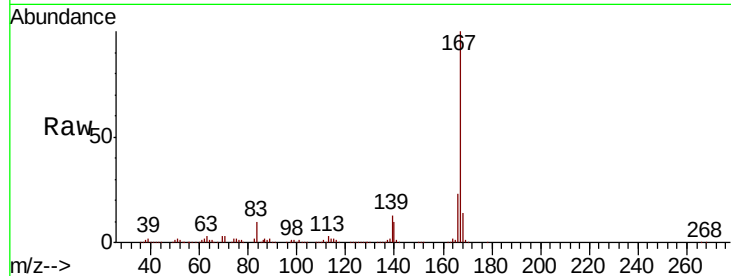
Tot Ion:167 Resp: 1553886

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

139 13.1 10.6 16.0

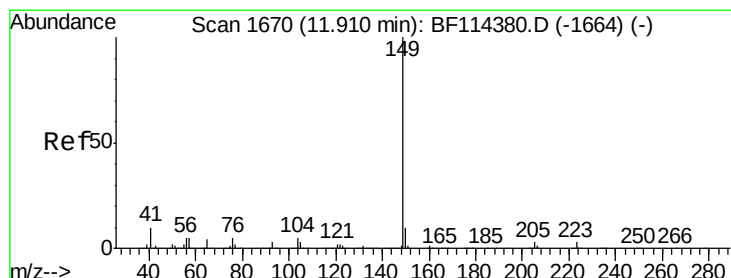
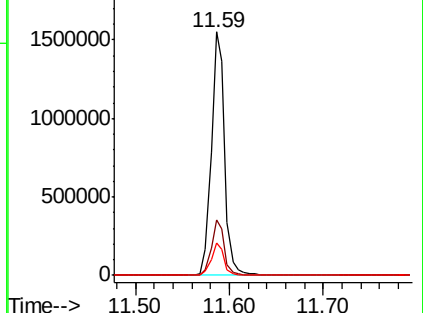
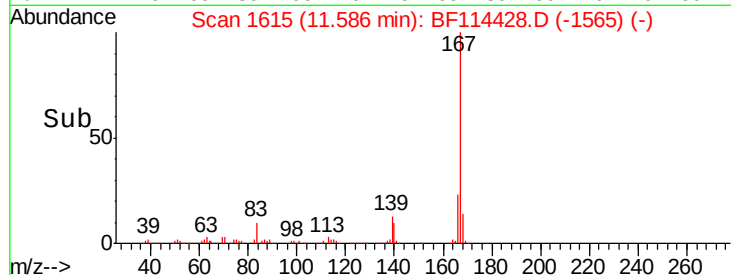


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.244 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

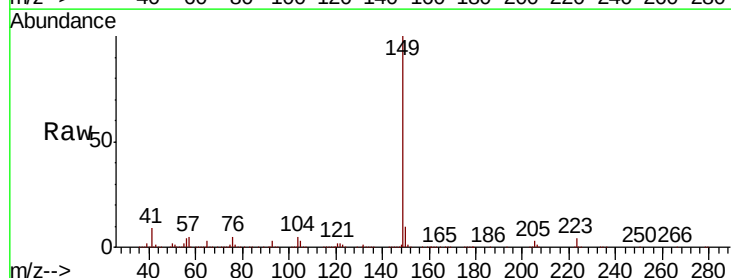
Tgt Ion:149 Resp: 1774559

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 4.7 3.6 5.4

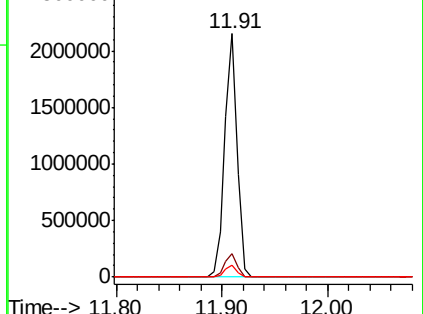
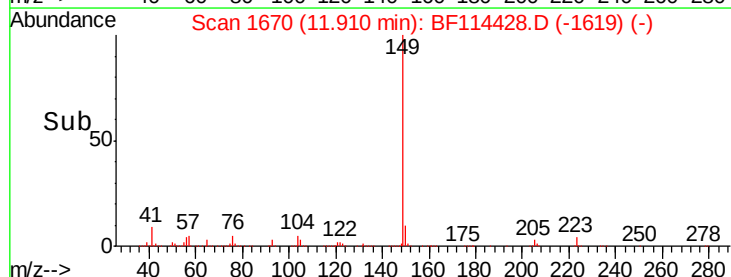


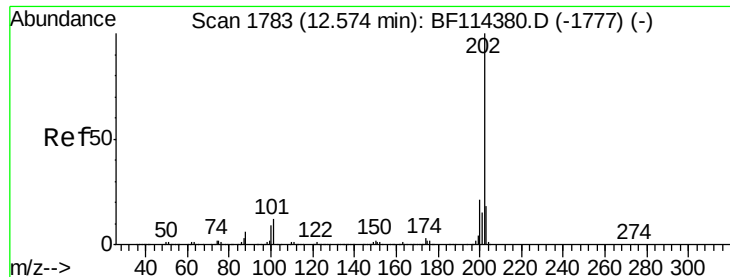
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.103 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

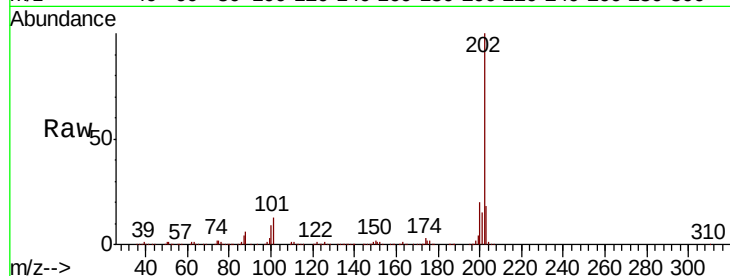
Tot Ion:202 Resp: 1725878

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.0

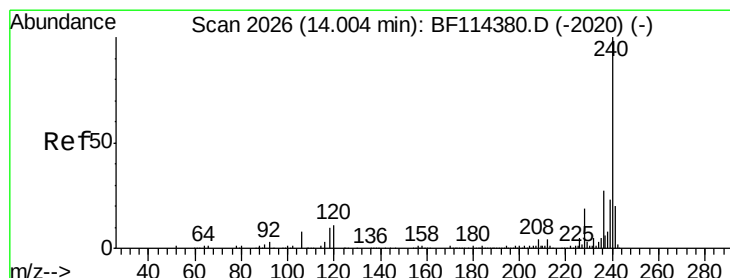
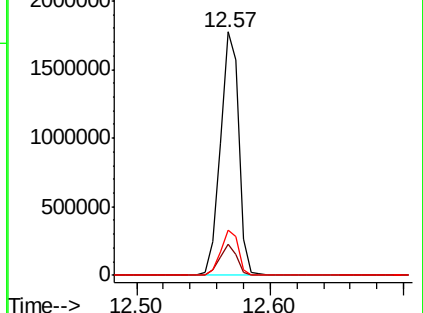
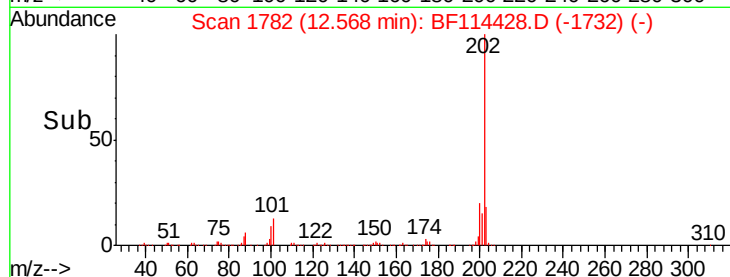
203 18.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

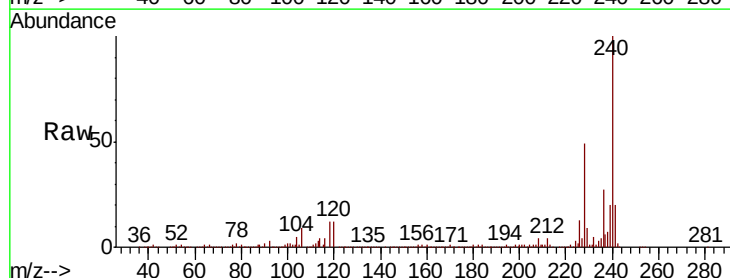
Tgt Ion:240 Resp: 571463

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

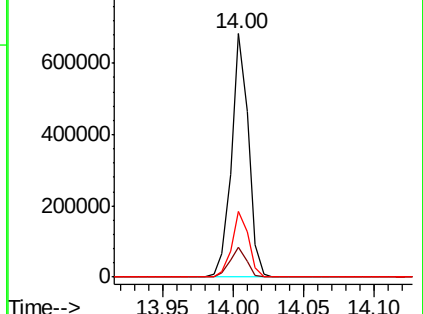
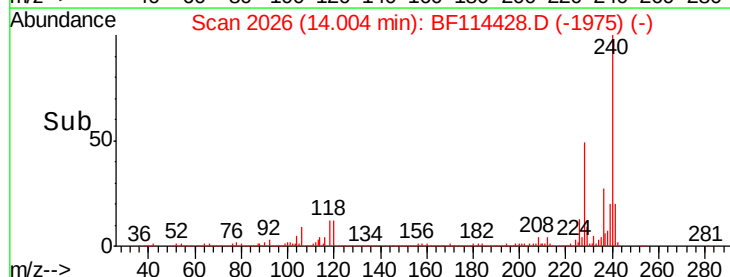
236 26.9 20.8 31.2

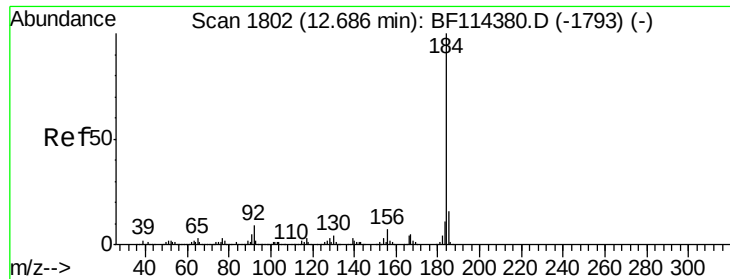


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.410 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampled :

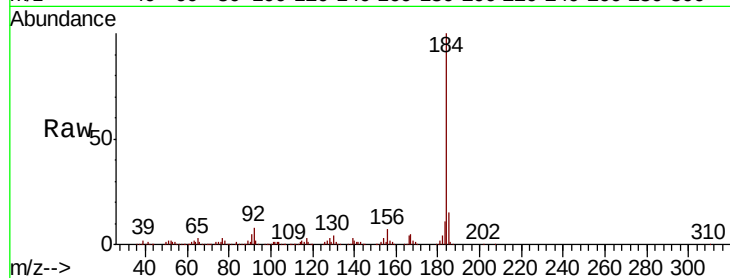
Tot Ion:184 Resp: 857042

Ion Ratio Lower Upper

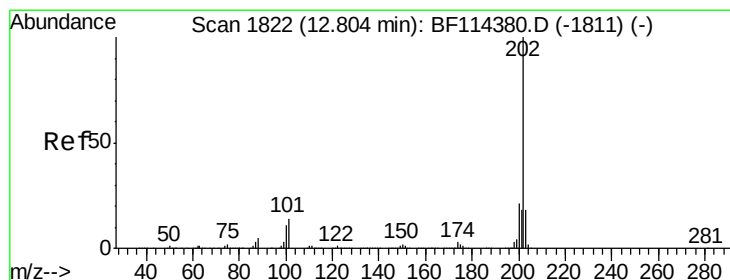
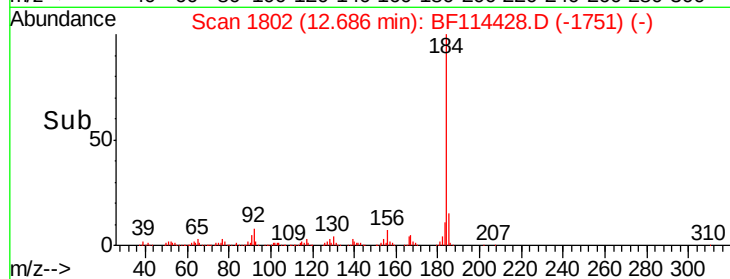
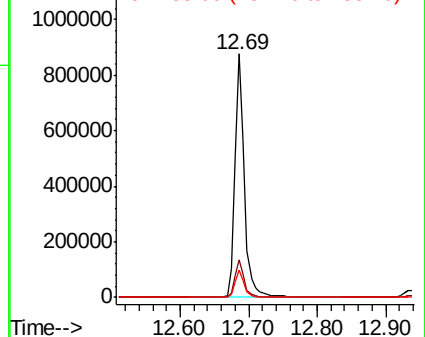
184 100

185 15.3 13.6 20.4

183 11.2 9.2 13.8



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: 37.993 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

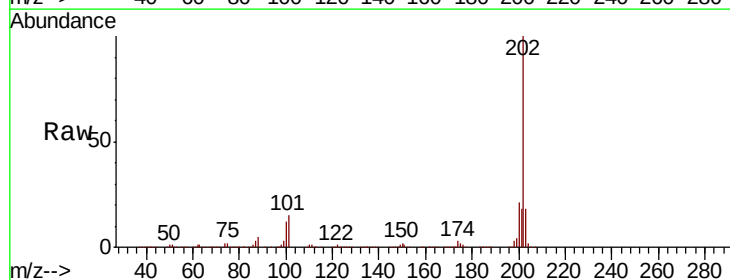
Tgt Ion:202 Resp: 1746582

Ion Ratio Lower Upper

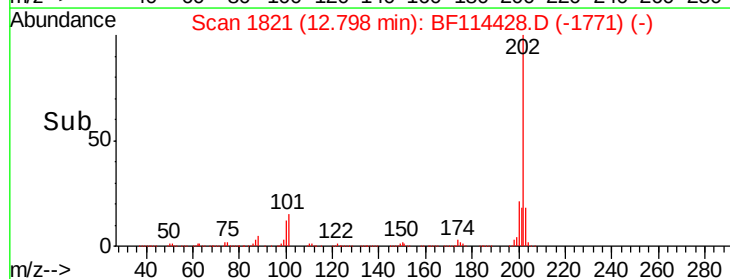
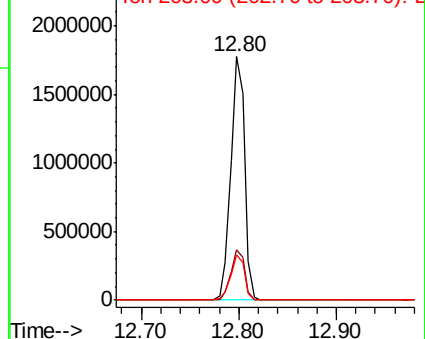
202 100

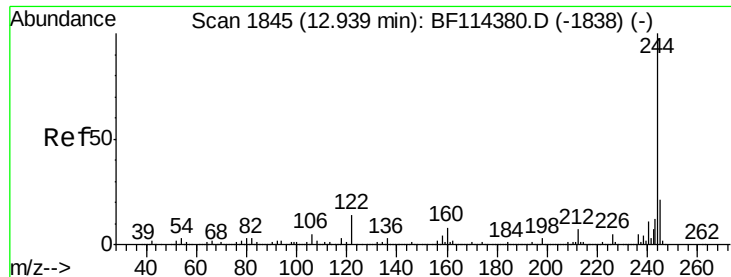
200 20.8 16.9 25.3

203 18.4 14.5 21.7



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: 74.653 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

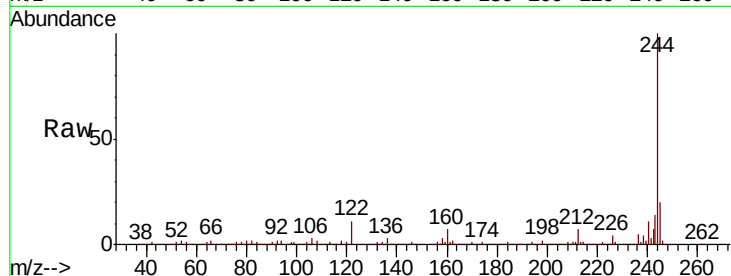
Instrument :

BNA\_F

ClientSampled :

Tot Ion:244 Resp: 2069497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.0   | 5.8   | 8.6   |
| 122 | 11.3  | 9.4   | 14.2  |

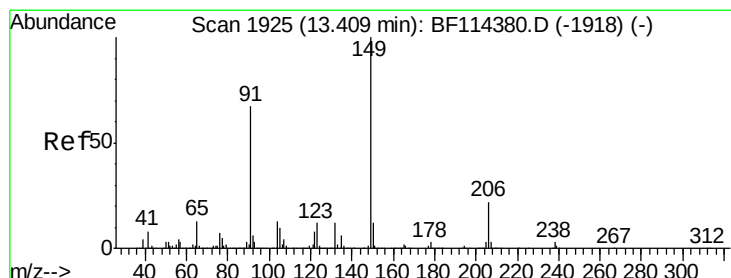
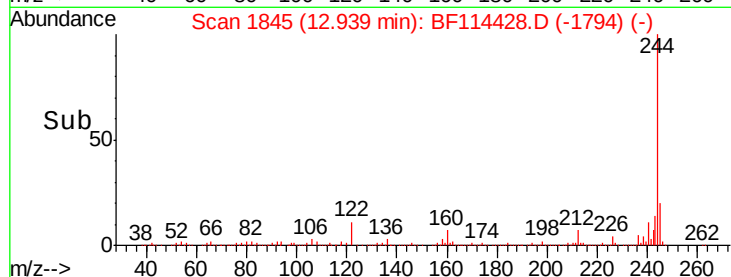
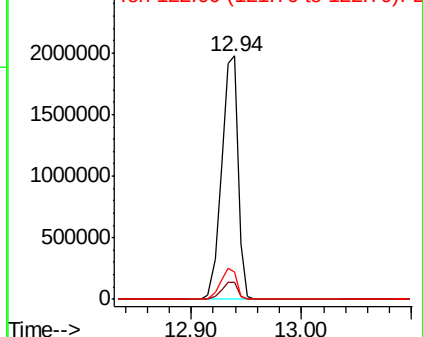


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.669 ng

RT: 13.40 min Scan# 1924

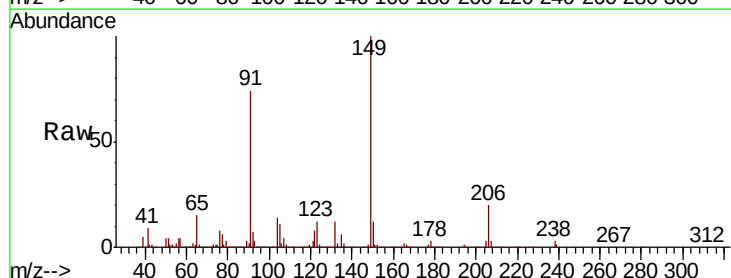
Delta R.T. -0.01 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Tgt Ion:149 Resp: 786942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.8  | 55.0  | 82.4  |
| 206 | 20.5  | 16.9  | 25.3  |

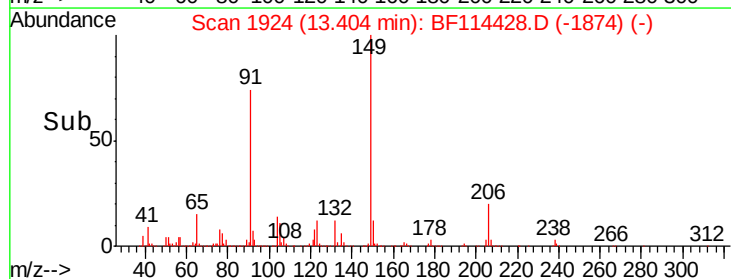
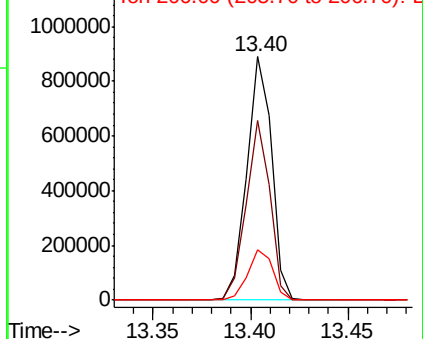


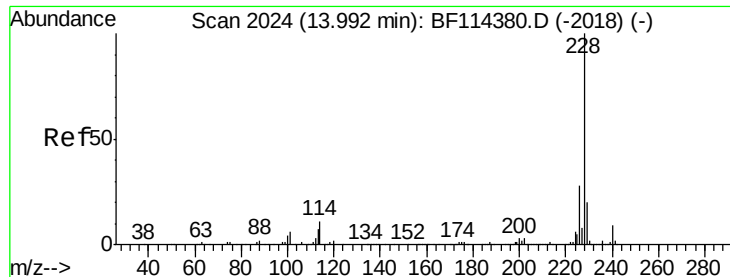
Abundance

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: 42.008 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

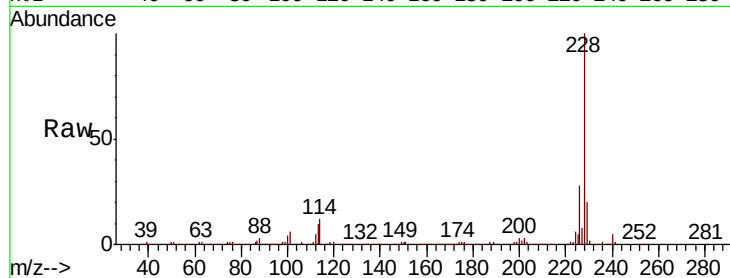
Tot Ion:228 Resp: 1552714

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

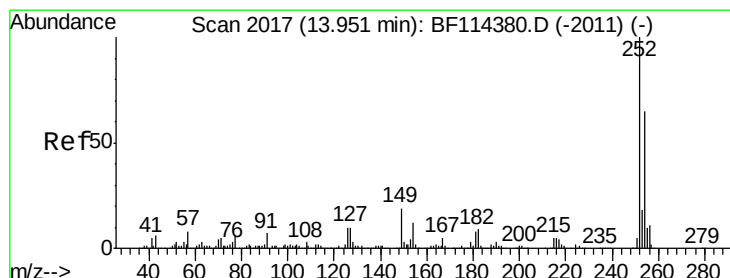
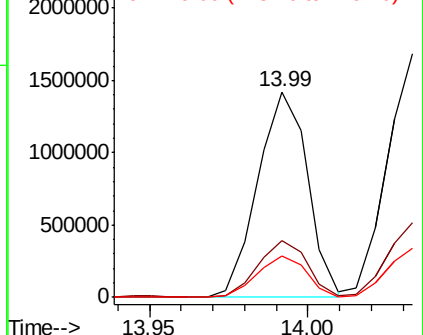
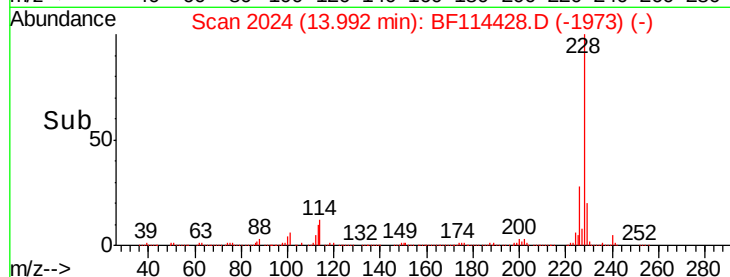
229 20.3 16.4 24.6



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: 42.072 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

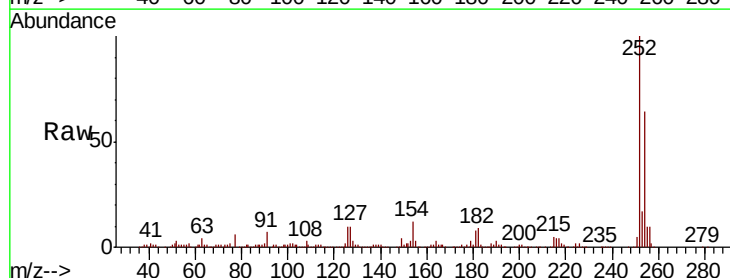
Tgt Ion:252 Resp: 603256

Ion Ratio Lower Upper

252 100

254 64.4 51.9 77.9

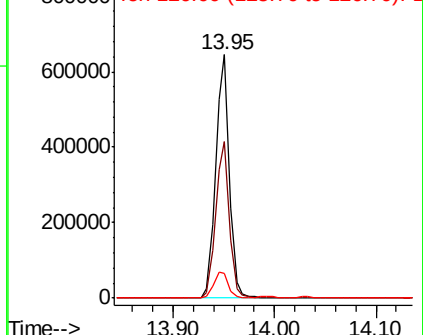
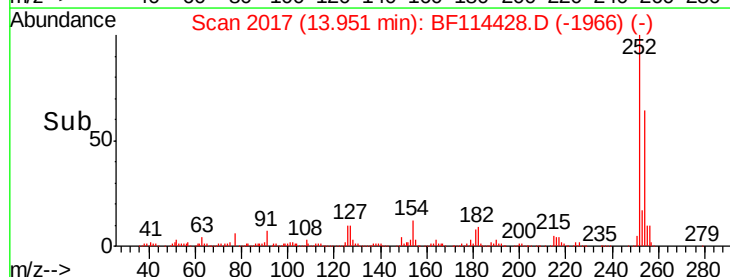
126 10.3 7.9 11.9

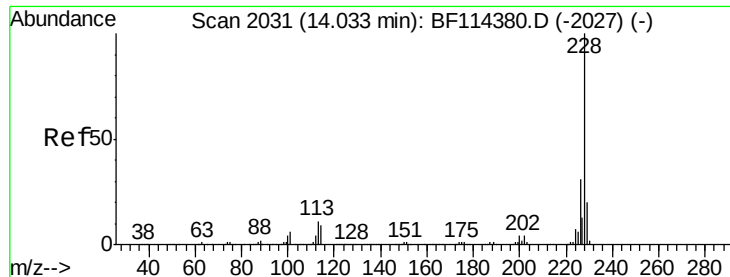


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

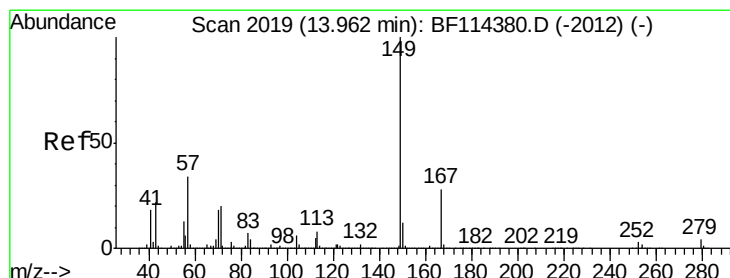
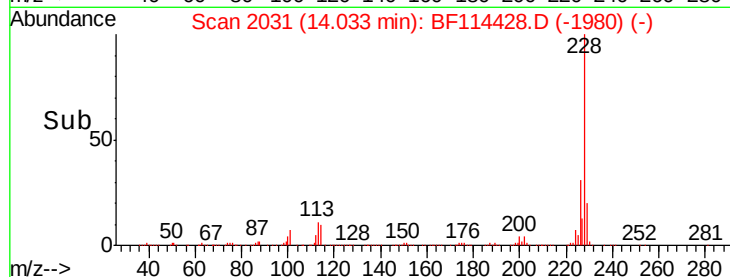
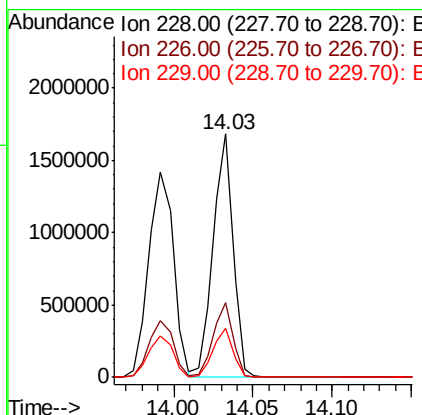
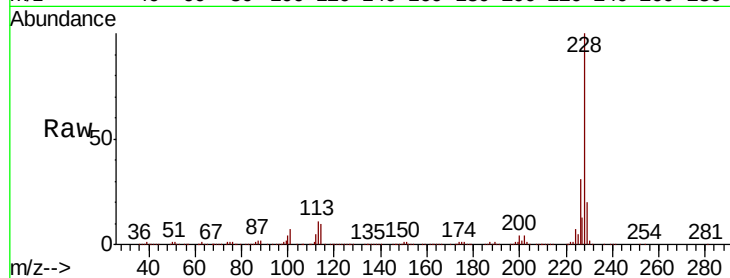




#83  
Chrysene  
Concen: 40.920 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. 0.00 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

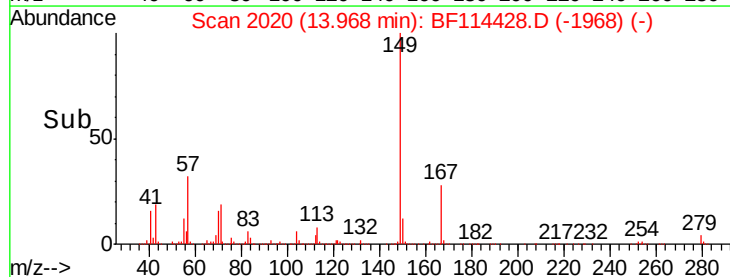
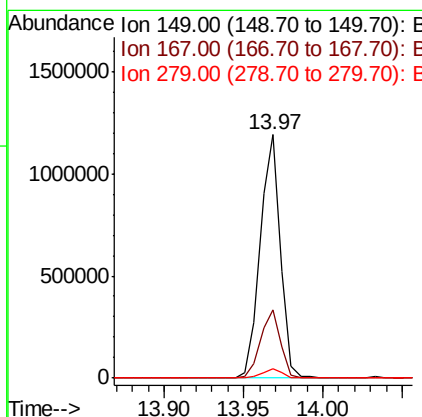
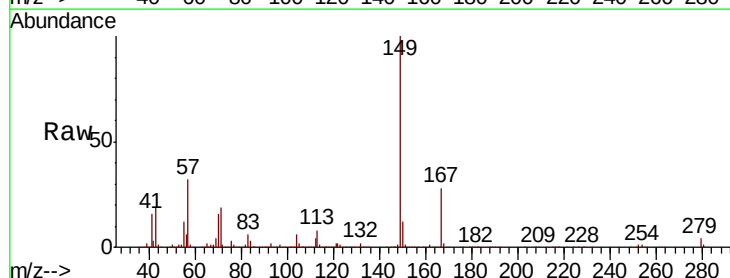
Instrument :  
BNA\_F  
ClientSampleId :

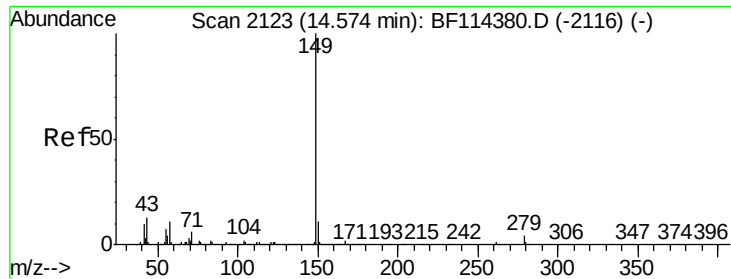
Tot Ion:228 Resp: 1482667  
Ion Ratio Lower Upper  
228 100  
226 30.5 25.0 37.6  
229 20.1 17.0 25.6



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.852 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. 0.01 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:149 Resp: 1059152  
Ion Ratio Lower Upper  
149 100  
167 27.9 22.6 33.8  
279 4.0 3.0 4.6

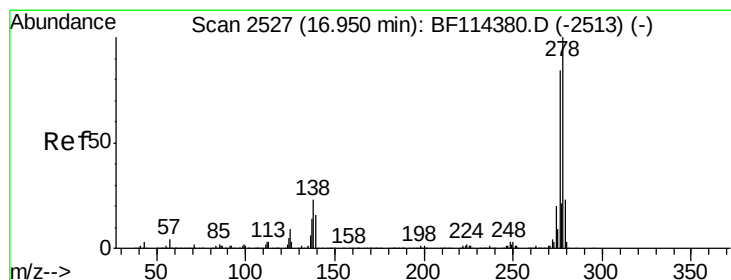
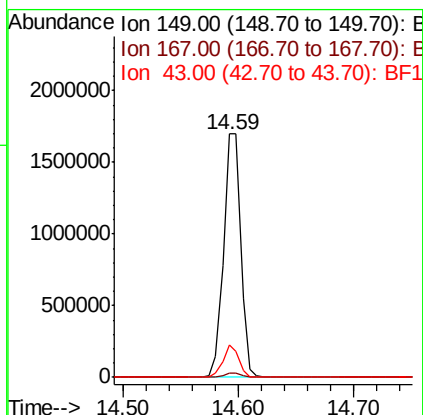
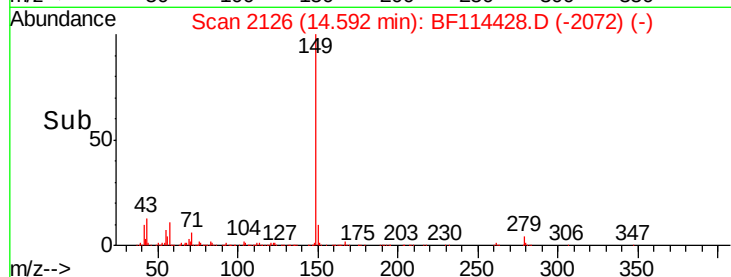
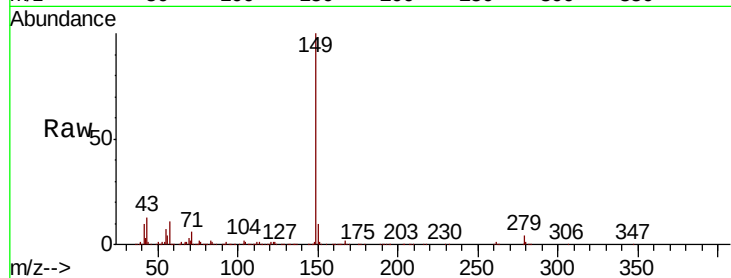




#85  
Di-n-octyl phthalate  
Concen: 42.680 ng  
RT: 14.59 min Scan# 2126  
Delta R.T. 0.02 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

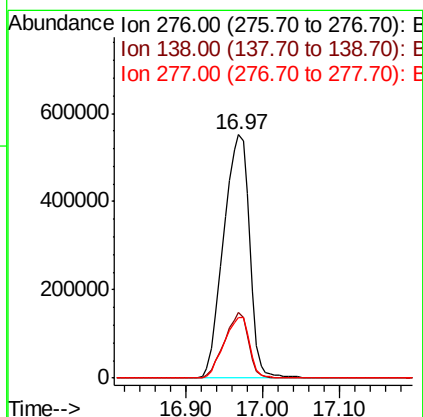
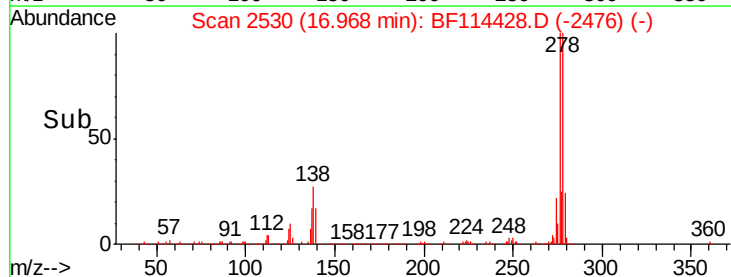
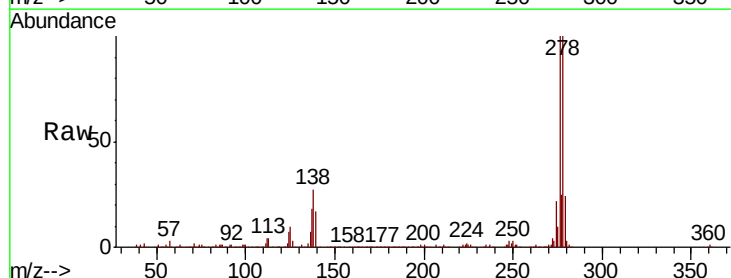
Instrument :  
BNA\_F  
ClientSampled :

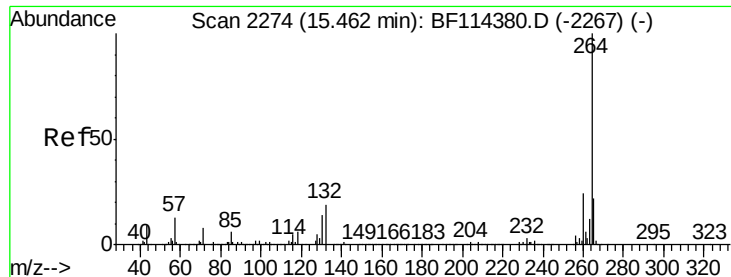
Tot Ion:149 Resp: 1750918  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 12.1 10.1 15.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.683 ng  
RT: 16.97 min Scan# 2530  
Delta R.T. 0.02 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:276 Resp: 1302772  
Ion Ratio Lower Upper  
276 100  
138 25.1 20.2 30.2  
277 24.5 20.0 30.0

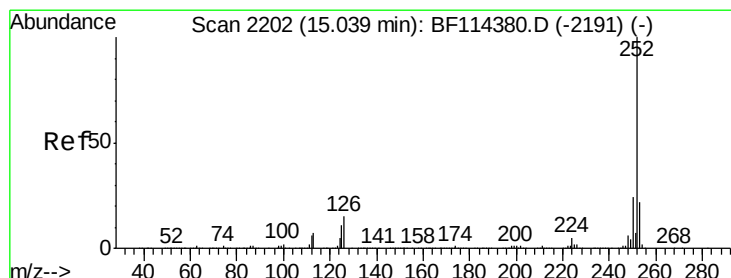
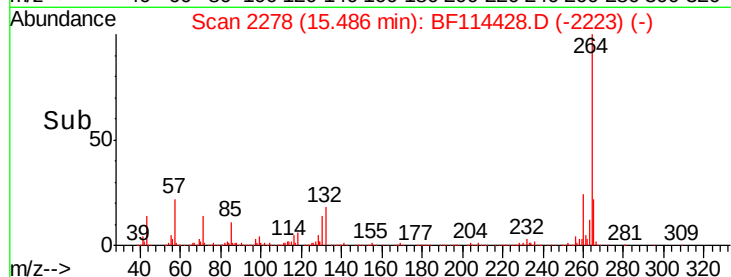
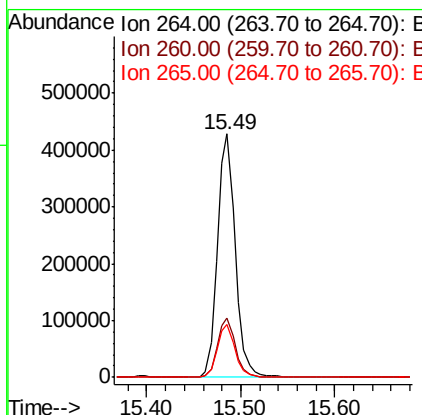
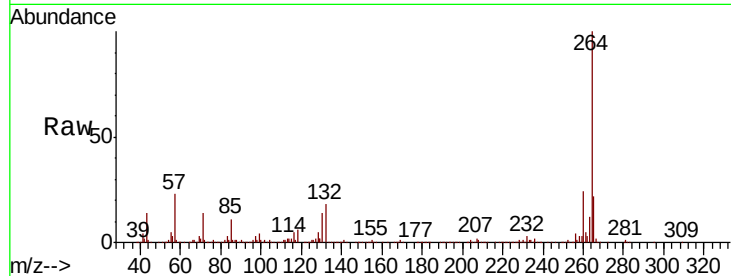




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.49 min Scan# 2278  
Delta R.T. 0.02 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

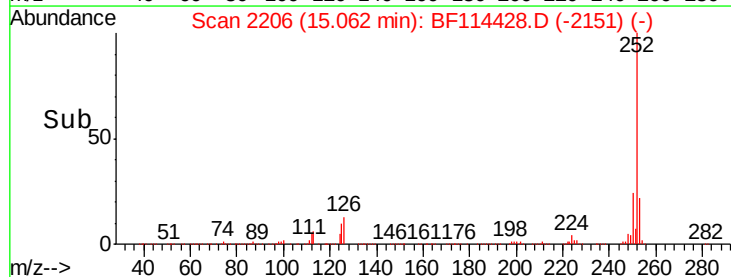
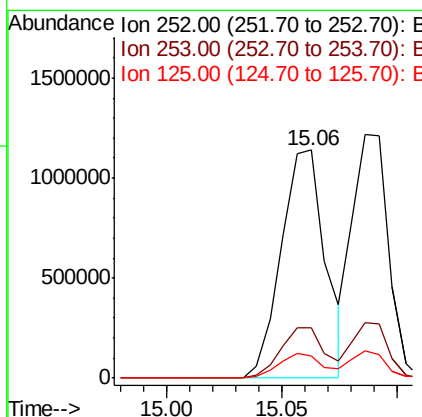
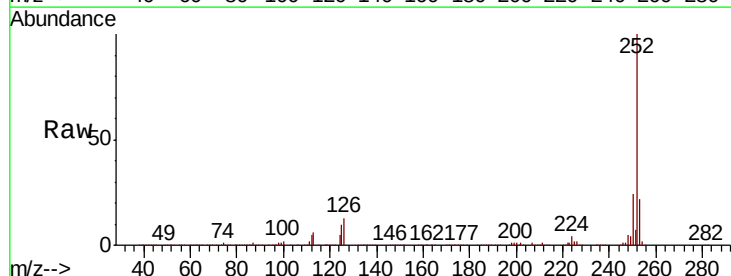
Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.4  | 29.0  |
| 265     | 21.8  | 16.9  | 25.3  |

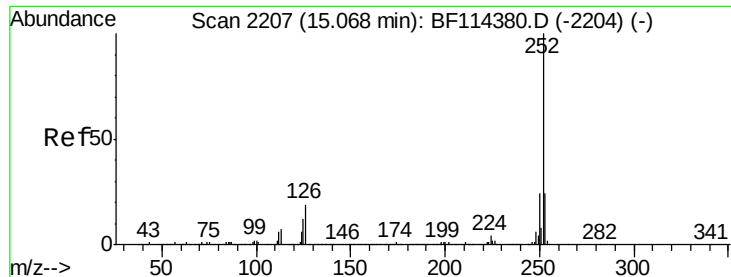


#88  
Benzo(b)fluoranthene  
Concen: 41.521 ng  
RT: 15.06 min Scan# 2206  
Delta R.T. 0.02 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 17.8  | 26.8  |
| 125     | 10.0  | 8.3   | 12.5  |







#89

Benzo(k)fluoranthene

Concen: 39.702 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

Instrument :

BNA\_F

ClientSampleId :

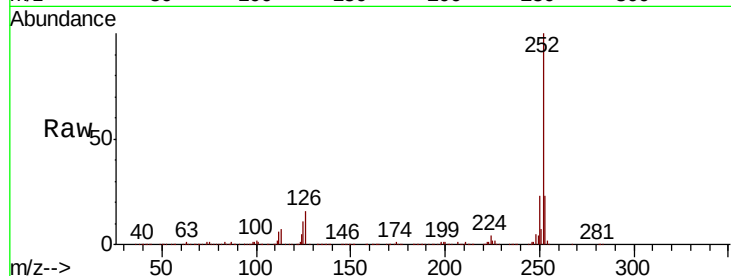
Tot Ion:252 Resp: 1331034

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

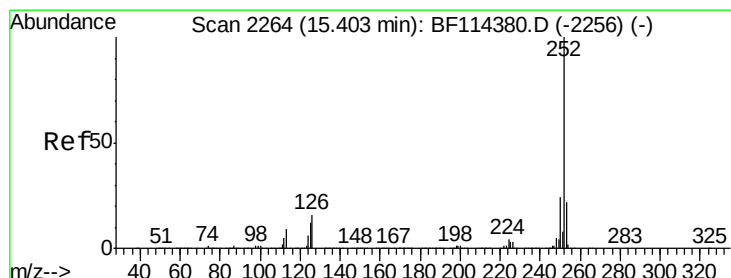
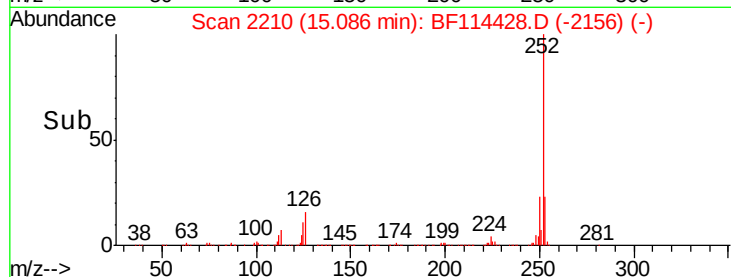
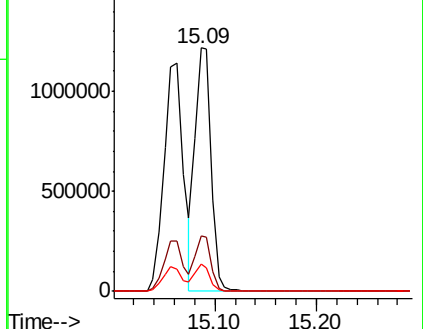
125 11.1 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.947 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.02 min

Lab File: BF114428.D

Acq: 20 May 2019 10:26

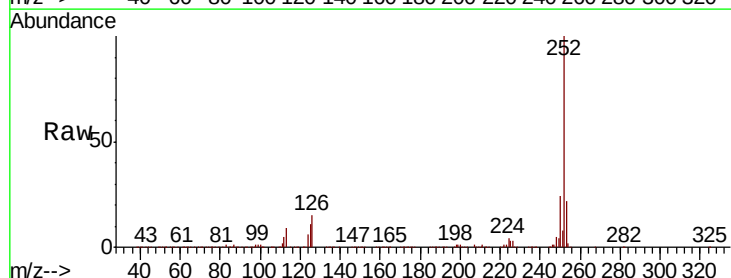
Tgt Ion:252 Resp: 1315204

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

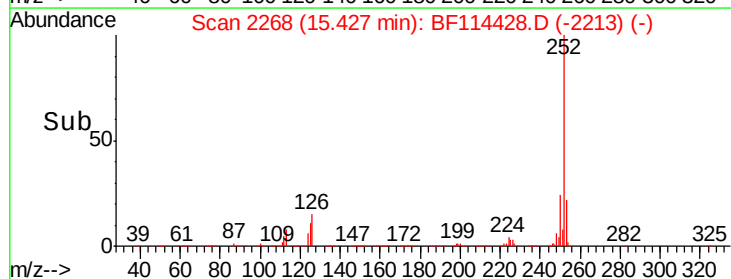
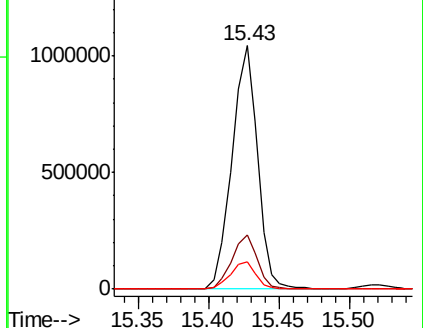
125 11.2 9.5 14.3

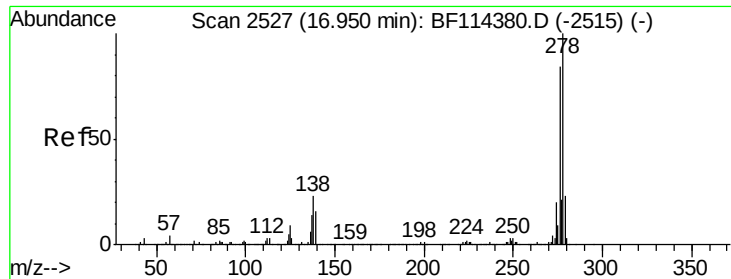


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



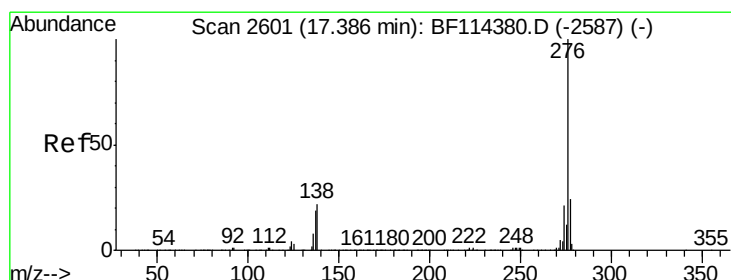
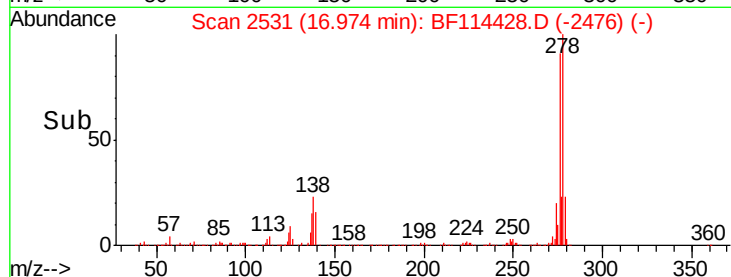
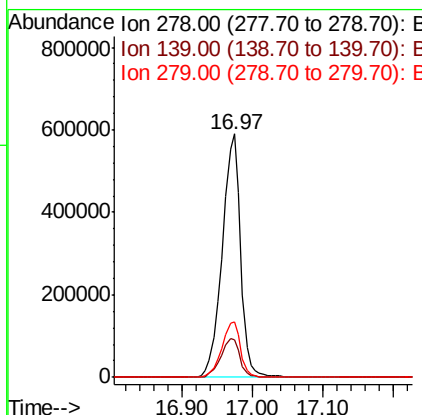
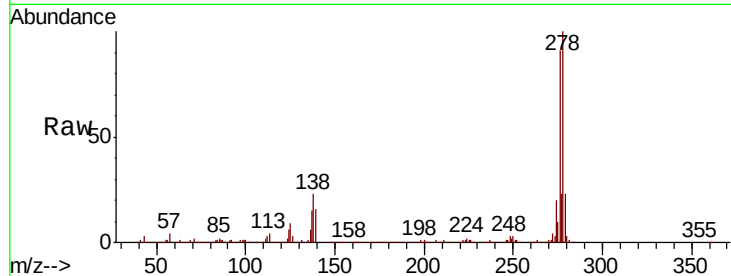


#91  
Dibenzo(a,h)anthracene  
Concen: 39.952 ng  
RT: 16.97 min Scan# 2531  
Delta R.T. 0.02 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:278 Resp: 1066311  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.5  | 13.5  | 20.3  |
| 279 | 23.0  | 19.0  | 28.6  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.012 ng  
RT: 17.41 min Scan# 2605  
Delta R.T. 0.02 min  
Lab File: BF114428.D  
Acq: 20 May 2019 10:26

Tgt Ion:276 Resp: 1070220  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.3  | 19.0  | 28.4  |
| 138 | 22.3  | 17.8  | 26.6  |

