

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042919\  
 Data File : BF114017.D  
 Acq On : 29 Apr 2019 11:45  
 Operator : JU/SJ  
 Sample : SSTDCCC40  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 30 01:19:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 149803   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.17  | 136  | 595237   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.93  | 164  | 317288   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.41 | 188  | 622819   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.06 | 240  | 431307   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.56 | 264  | 354891   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.52  | 112 | 690527  | 78.84 | ng | 0.00 |
| 7) Phenol-d6                | 6.53  | 99  | 879868  | 80.07 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.46  | 82  | 824202  | 85.49 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 10.72 | 330 | 310502  | 80.33 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 9.25  | 172 | 1593804 | 78.56 | ng | 0.00 |
| 79) Terphenyl-d14           | 13.00 | 244 | 1881099 | 89.41 | ng | 0.00 |

|                                |      |     |         |        |    |      |
|--------------------------------|------|-----|---------|--------|----|------|
| Target Compounds               |      |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.70 | 88  | 156420  | 37.886 | ng | 94   |
| 3) Pyridine                    | 3.46 | 79  | 426087  | 37.809 | ng | 97   |
| 4) n-Nitrosodimethylamine      | 3.41 | 42  | 146187  | 37.895 | ng | 93   |
| 6) Aniline                     | 6.56 | 93  | 602796  | 39.948 | ng | 98   |
| 8) 2-Chlorophenol              | 6.69 | 128 | 404336  | 40.435 | ng | 94   |
| 9) Benzaldehyde                | 6.45 | 77  | 248356  | 39.802 | ng | 94   |
| 10) Phenol                     | 6.54 | 94  | 516814  | 39.331 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93  | 389618  | 39.403 | ng | 100  |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146 | 458083  | 40.448 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146 | 460290  | 40.408 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 428016  | 40.885 | ng | 99   |
| 15) Benzyl Alcohol             | 7.03 | 79  | 347202  | 46.914 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 444912  | 38.545 | ng | 93   |
| 17) 2-Methylphenol             | 7.15 | 107 | 331326  | 37.799 | ng | 99   |
| 18) Hexachloroethane           | 7.41 | 117 | 166204  | 41.623 | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70  | 285213  | 40.080 | ng | 98   |
| 20) 3+4-Methylphenols          | 7.30 | 107 | 404616  | 40.857 | ng | # 89 |
| 22) Acetophenone               | 7.30 | 105 | 535370  | 40.418 | ng | # 93 |
| 24) Nitrobenzene               | 7.47 | 77  | 443698  | 41.653 | ng | 99   |
| 25) Isophorone                 | 7.72 | 82  | 781255  | 39.606 | ng | 100  |
| 26) 2-Nitrophenol              | 7.79 | 139 | 224459  | 46.189 | ng | 98   |
| 27) 2,4-Dimethylphenol         | 7.83 | 122 | 302478  | 38.203 | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93  | 503683  | 40.071 | ng | 100  |
| 29) 2,4-Dichlorophenol         | 8.03 | 162 | 369611  | 40.823 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180 | 409376  | 40.551 | ng | 99   |
| 31) Naphthalene                | 8.20 | 128 | 1158978 | 40.987 | ng | 99   |
| 32) Benzoic acid               | 7.96 | 122 | 187536  | 35.074 | ng | 97   |
| 33) 4-Chloroaniline            | 8.25 | 127 | 480924  | 40.195 | ng | 96   |
| 34) Hexachlorobutadiene        | 8.32 | 225 | 260487  | 41.391 | ng | 98   |
| 35) Caprolactam                | 8.62 | 113 | 113703  | 39.478 | ng | 86   |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 366762  | 40.887 | ng | 99   |
| 37) 2-Methylnaphthalene        | 8.89 | 142 | 775355  | 40.662 | ng | 98   |
| 38) 1-Methylnaphthalene        | 8.99 | 142 | 747379  | 40.609 | ng | 99   |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216 | 413572  | 40.127 | ng | 100  |

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 Sample : SSTDCCC40  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

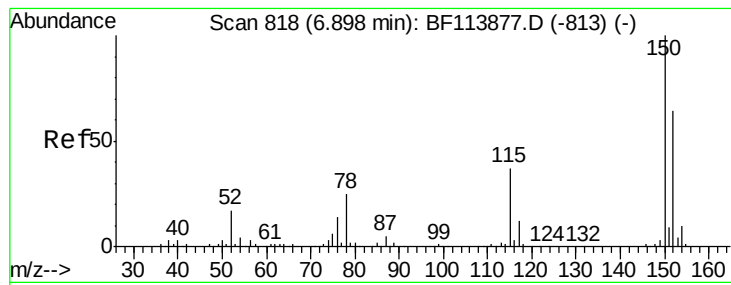
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Apr 30 01:19:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 23 03:32:35 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.05  | 237  | 214080   | 37.248 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 9.16  | 196  | 264329   | 40.389 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 292547   | 39.852 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 9.35  | 154  | 978028   | 40.350 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.37  | 162  | 798067   | 40.488 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 221245   | 42.817 | ng    | 87       |
| 49) Acenaphthylene             | 9.79  | 152  | 1242787  | 40.274 | ng    | 99       |
| 50) Dimethylphthalate          | 9.65  | 163  | 929088   | 40.489 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 9.71  | 165  | 212241   | 43.113 | ng    | 99       |
| 52) Acenaphthene               | 9.96  | 154  | 739325   | 40.541 | ng    | 98       |
| 53) 3-Nitroaniline             | 9.88  | 138  | 217630   | 42.069 | ng    | 91       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 92341    | 47.165 | ng    | # 4      |
| 55) Dibenzofuran               | 10.13 | 168  | 1105573  | 40.472 | ng    | 97       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 171241   | 41.807 | ng    | 95       |
| 57) 2,4-Dinitrotoluene         | 10.11 | 165  | 280399   | 45.125 | ng    | 96       |
| 58) Fluorene                   | 10.48 | 166  | 830465   | 40.380 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 251740   | 39.024 | ng    | 98       |
| 60) Diethylphthalate           | 10.35 | 149  | 880975   | 40.429 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.47 | 204  | 440018   | 40.399 | ng    | 100      |
| 62) 4-Nitroaniline             | 10.49 | 138  | 216749   | 42.935 | ng    | 97       |
| 63) Azobenzene                 | 10.63 | 77   | 838317   | 39.694 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 128066   | 45.340 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 10.59 | 169  | 743473   | 39.784 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.96 | 248  | 294684   | 39.166 | ng    | 98       |
| 68) Hexachlorobenzene          | 11.03 | 284  | 322197   | 38.969 | ng    | 96       |
| 69) Atrazine                   | 11.11 | 200  | 237839   | 39.123 | ng    | 99       |
| 70) Pentachlorophenol          | 11.22 | 266  | 189029   | 40.380 | ng    | 97       |
| 71) Phenanthrene               | 11.44 | 178  | 1253278  | 40.041 | ng    | 100      |
| 72) Anthracene                 | 11.49 | 178  | 1271267  | 40.220 | ng    | 99       |
| 73) Carbazole                  | 11.64 | 167  | 1142380  | 40.511 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.97 | 149  | 1367926  | 41.238 | ng    | 100      |
| 75) Fluoranthene               | 12.62 | 202  | 1306579  | 38.261 | ng    | 99       |
| 77) Benzidine                  | 12.74 | 184  | 507377   | 39.481 | ng    | 98       |
| 78) Pyrene                     | 12.85 | 202  | 1323333  | 43.874 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.47 | 149  | 543953   | 45.837 | ng    | 95       |
| 81) Benzo(a)anthracene         | 14.05 | 228  | 1117442  | 43.973 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.01 | 252  | 423980   | 45.520 | ng    | # 98     |
| 83) Chrysene                   | 14.09 | 228  | 1095740  | 44.275 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 14.04 | 149  | 710399   | 47.050 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.68 | 149  | 1072186  | 45.368 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.06 | 276  | 858325   | 36.614 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 15.13 | 252  | 910080   | 40.531 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 15.16 | 252  | 854844   | 44.260 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.50 | 252  | 805018   | 41.450 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.07 | 278  | 702506   | 38.533 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.51 | 276  | 709678   | 38.573 | ng    | 97       |

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



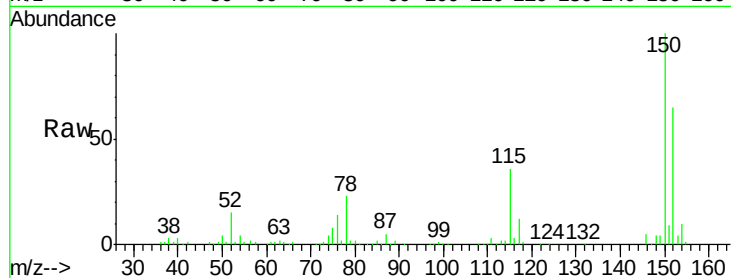


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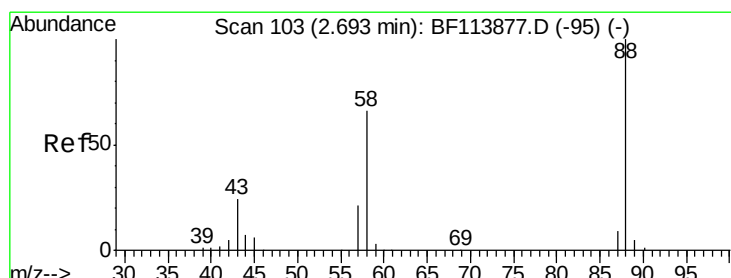
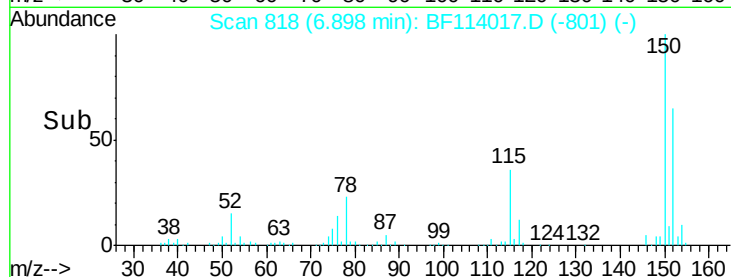
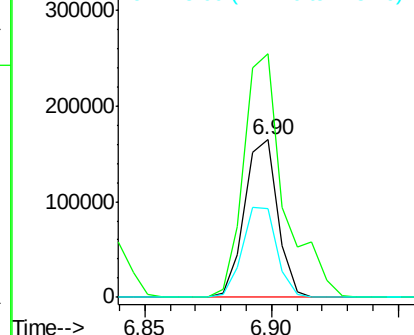
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 149803  
Ion Ratio Lower Upper  
152 100  
150 154.6 125.9 188.9  
115 56.2 45.9 68.9



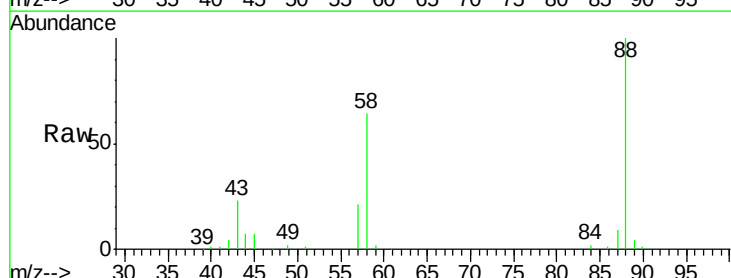
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



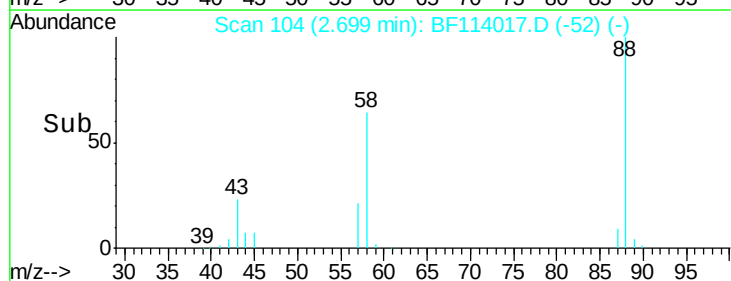
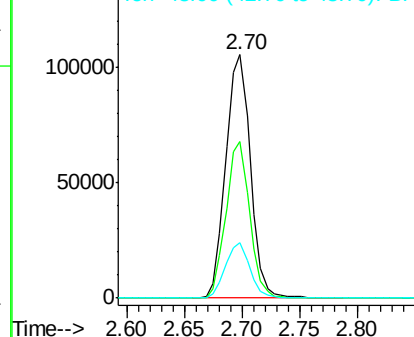
#2

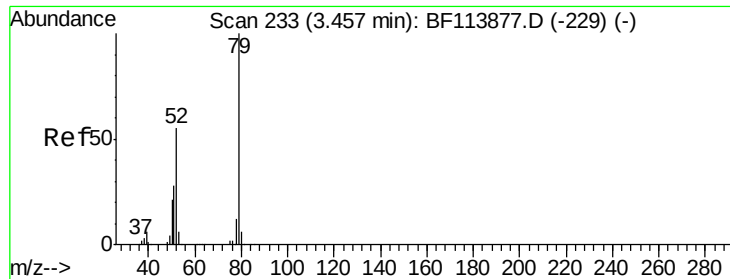
1,4-Dioxane  
Concen: 37.886 ng  
RT: 2.70 min Scan# 104  
Delta R.T. 0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Tgt Ion: 88 Resp: 156420  
Ion Ratio Lower Upper  
88 100  
58 61.3 53.3 79.9  
43 22.3 19.0 28.4



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: 37.809 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampled :

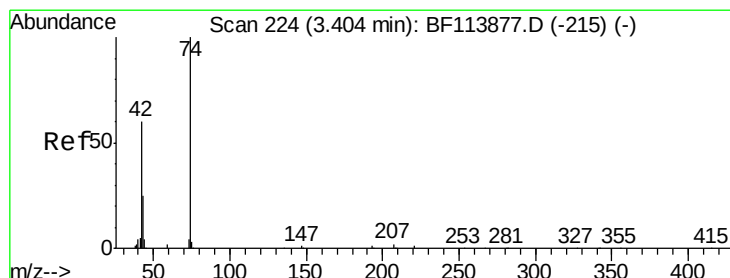
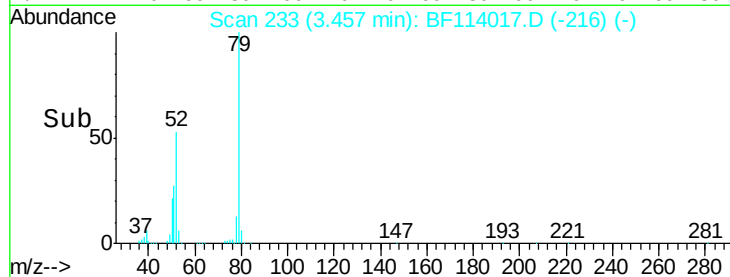
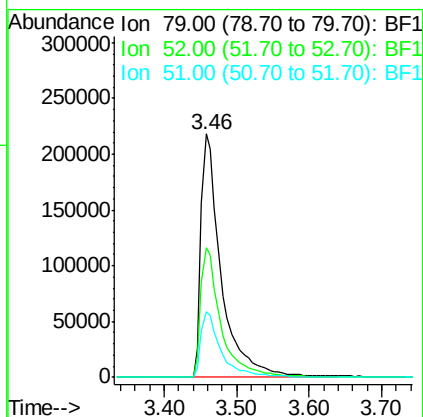
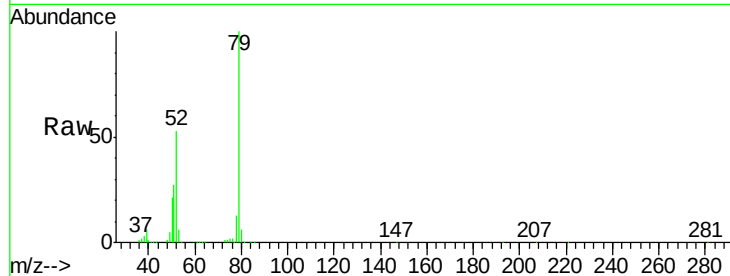
Tot Ion: 79 Resp: 426087

Ion Ratio Lower Upper

79 100

52 53.1 45.3 67.9

51 27.1 22.1 33.1



#4

n-Nitrosodimethylamine

Concen: 37.895 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

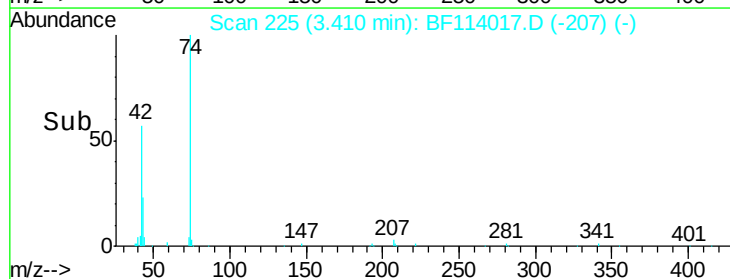
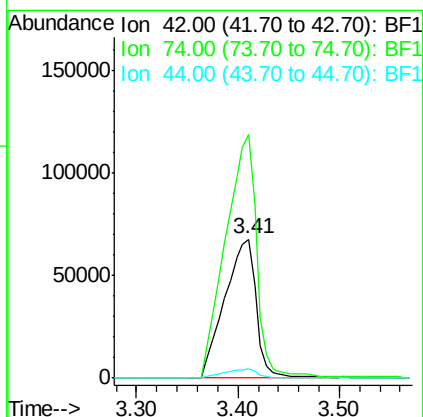
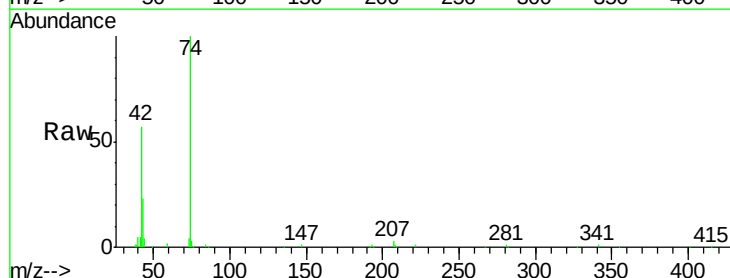
Tgt Ion: 42 Resp: 146187

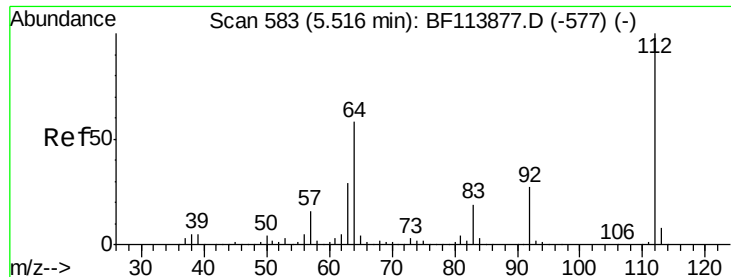
Ion Ratio Lower Upper

42 100

74 175.2 132.6 198.8

44 6.6 5.8 8.8





#5

2-Fluorophenol

Concen: 78.840 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

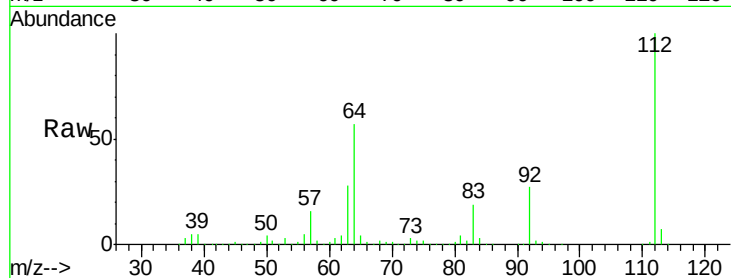
Tot Ion: 112 Resp: 690527

Ion Ratio Lower Upper

112 100

64 56.8 46.6 69.8

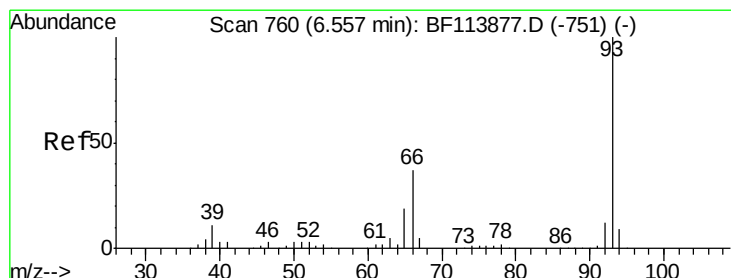
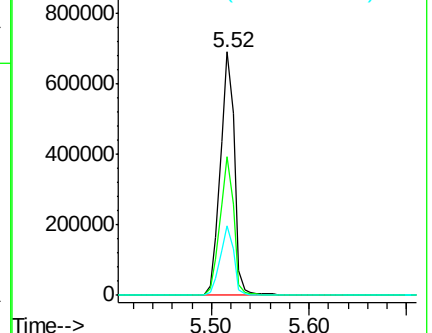
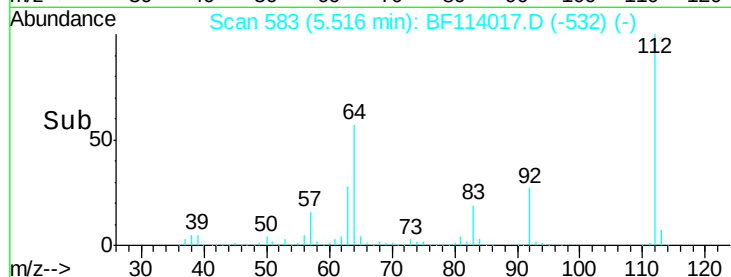
63 28.3 23.1 34.7



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: 39.948 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

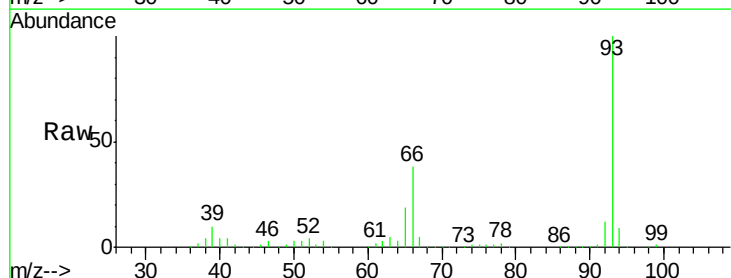
Tgt Ion: 93 Resp: 602796

Ion Ratio Lower Upper

93 100

66 38.1 29.8 44.6

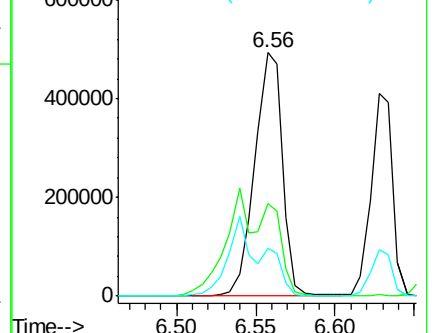
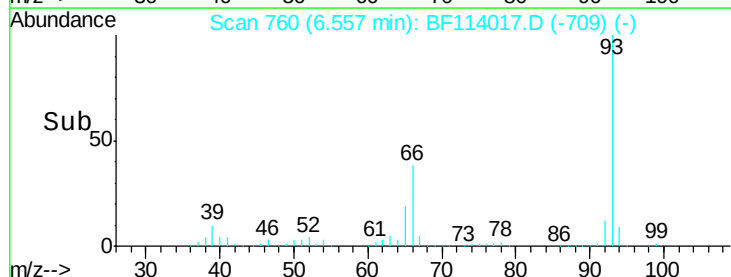
65 19.5 14.9 22.3

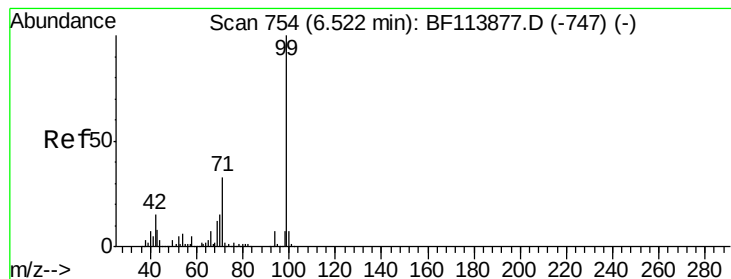


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.070 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

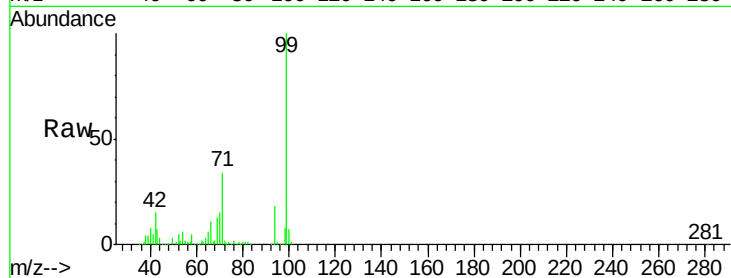
Tot Ion: 99 Resp: 879868

Ion Ratio Lower Upper

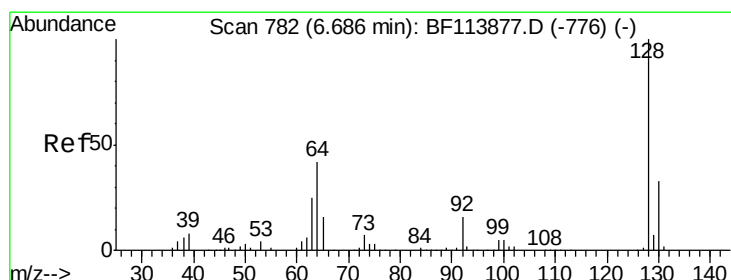
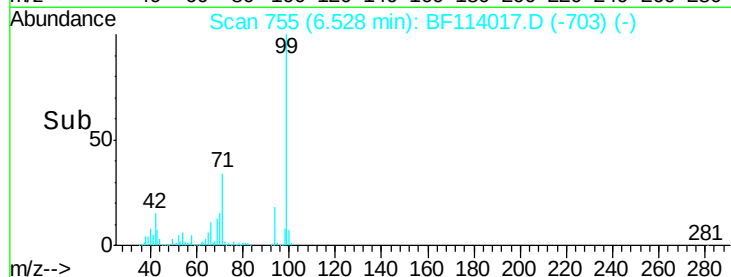
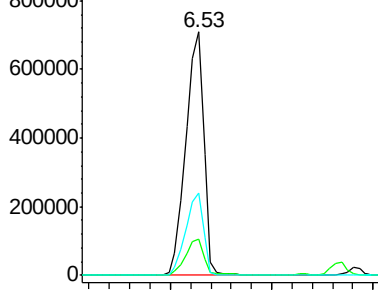
99 100

42 14.9 12.5 18.7

71 33.6 26.9 40.3



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: 40.435 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

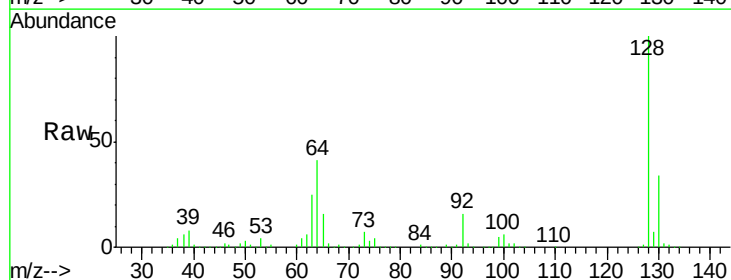
Tgt Ion: 128 Resp: 404336

Ion Ratio Lower Upper

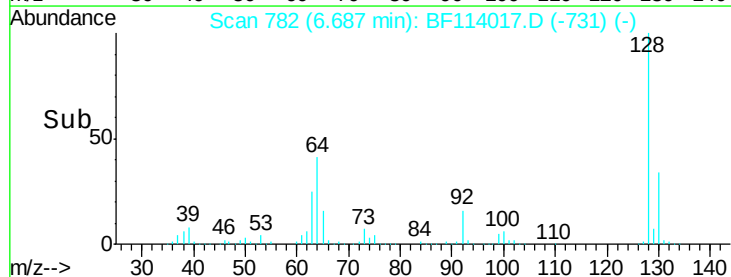
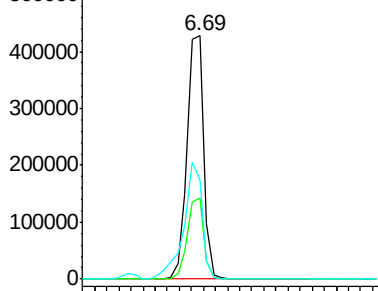
128 100

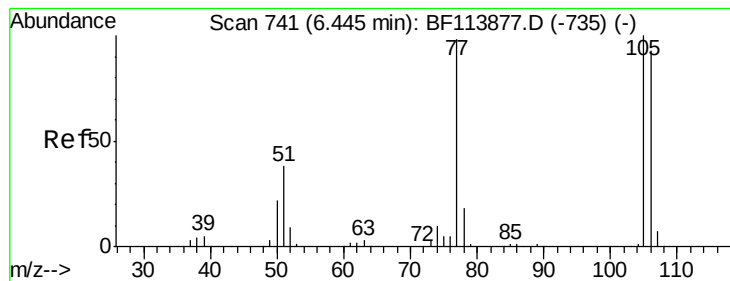
130 33.6 12.3 52.3

64 40.9 26.1 66.1



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: 39.802 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

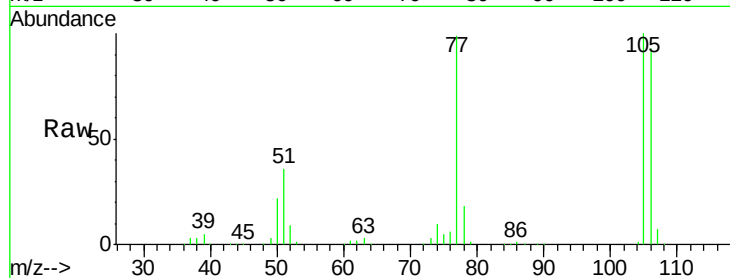
Tot Ion: 77 Resp: 248356

Ion Ratio Lower Upper

77 100

105 101.0 74.1 114.1

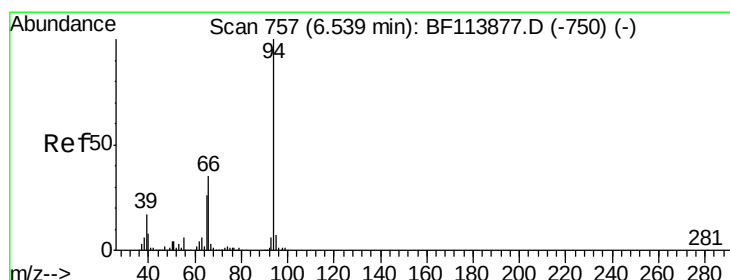
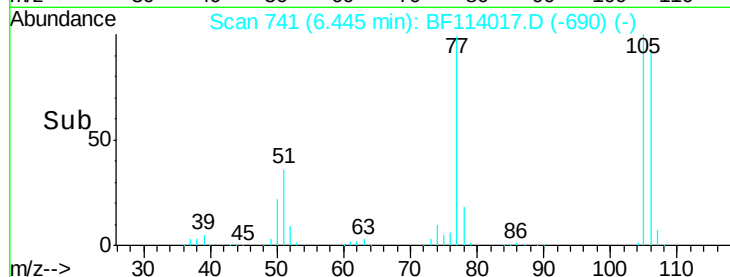
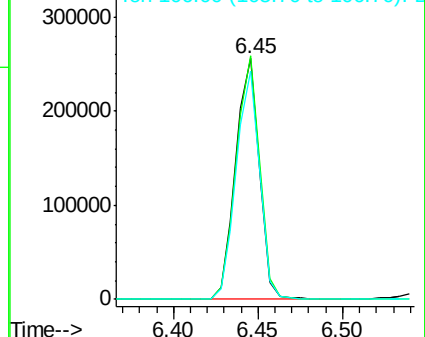
106 94.5 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.331 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

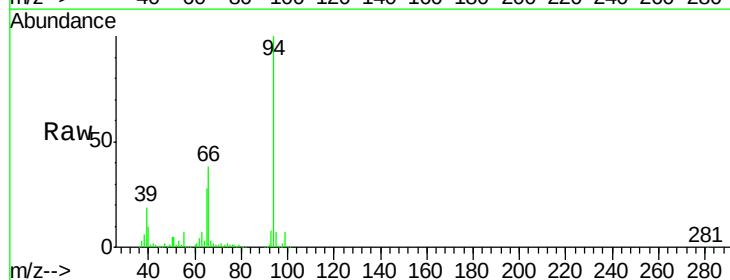
Tgt Ion: 94 Resp: 516814

Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

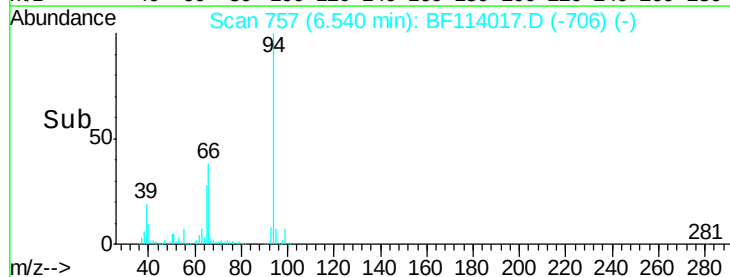
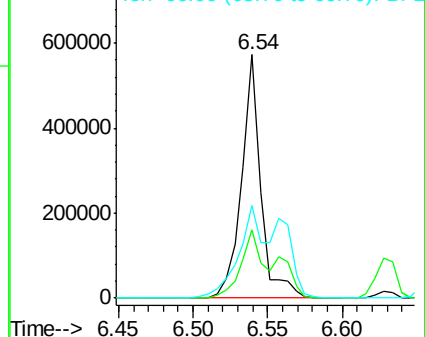
66 38.2 16.6 56.6



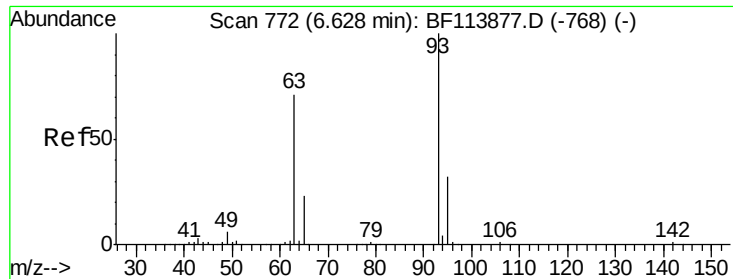
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 39.403 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

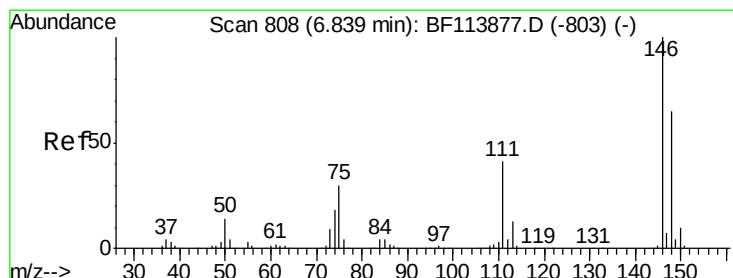
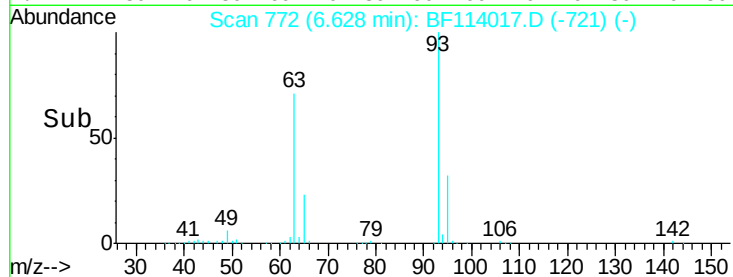
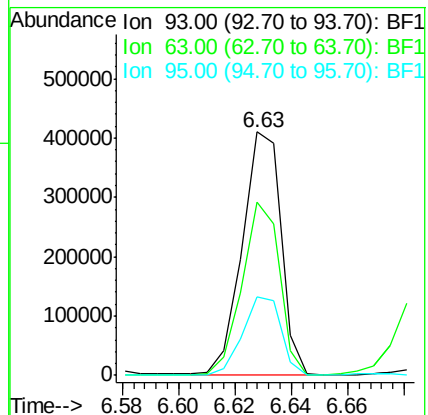
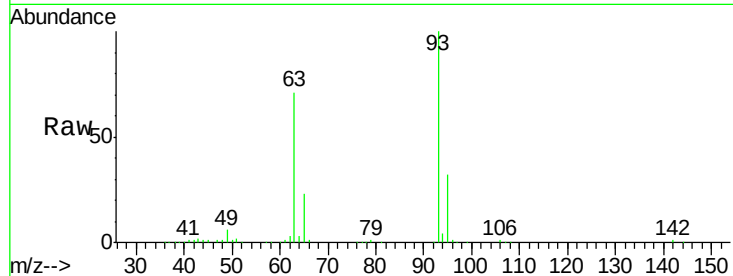
Tot Ion: 93 Resp: 389618

Ion Ratio Lower Upper

93 100

63 71.1 50.7 90.7

95 32.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.448 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

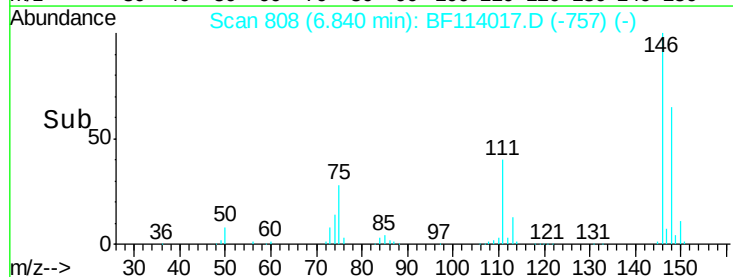
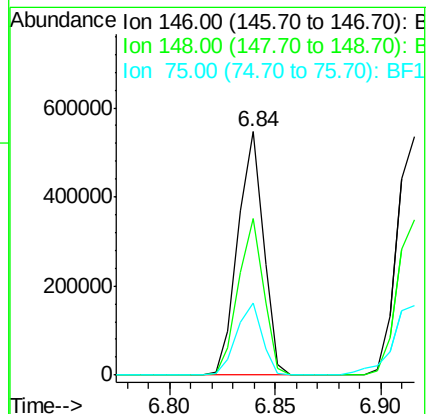
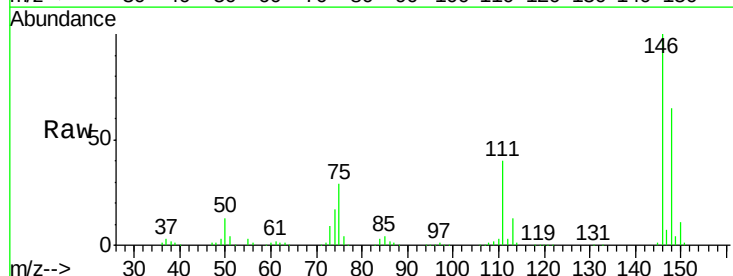
Tgt Ion: 146 Resp: 458083

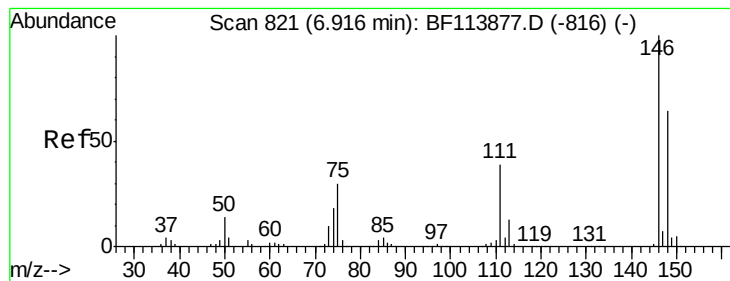
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

75 29.5 23.8 35.8





#13

1,4-Dichlorobenzene

Concen: 40.408 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

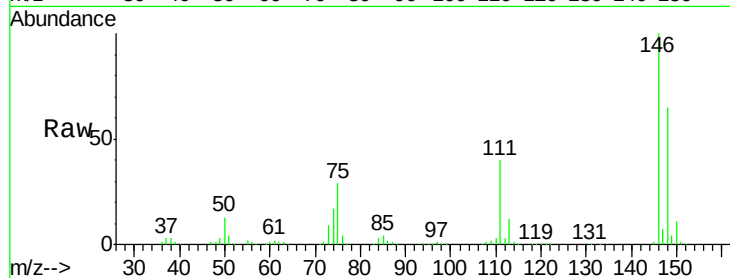
Tot Ion:146 Resp: 460290

Ion Ratio Lower Upper

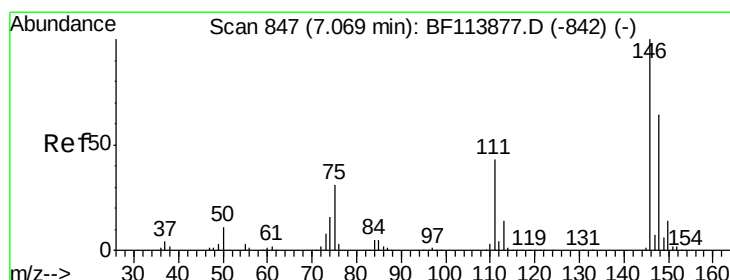
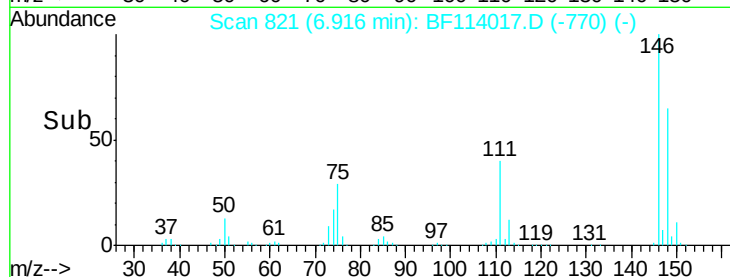
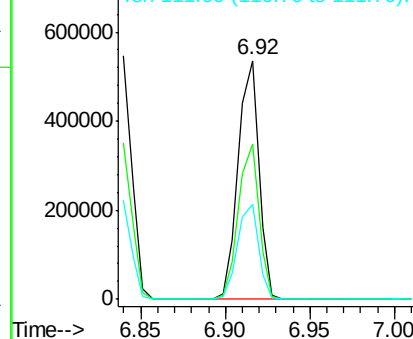
146 100

148 65.2 51.8 77.8

111 39.9 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.885 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

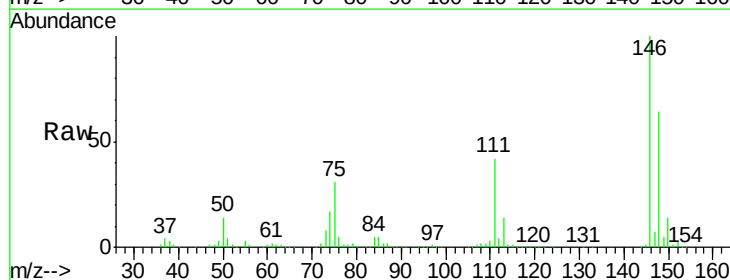
Tgt Ion:146 Resp: 428016

Ion Ratio Lower Upper

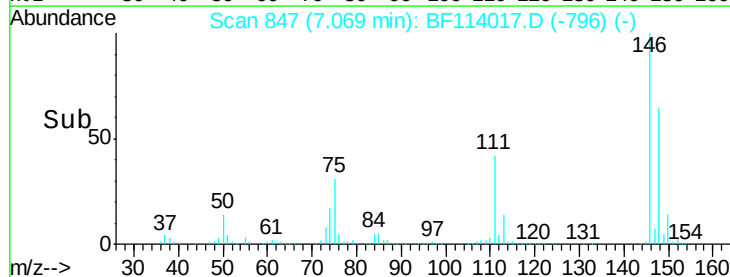
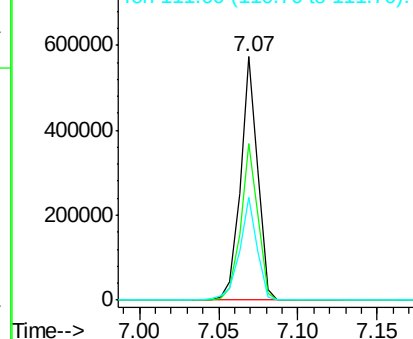
146 100

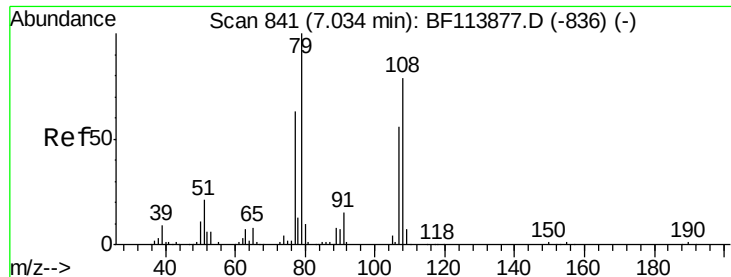
148 64.1 52.1 78.1

111 42.5 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.914 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampled :

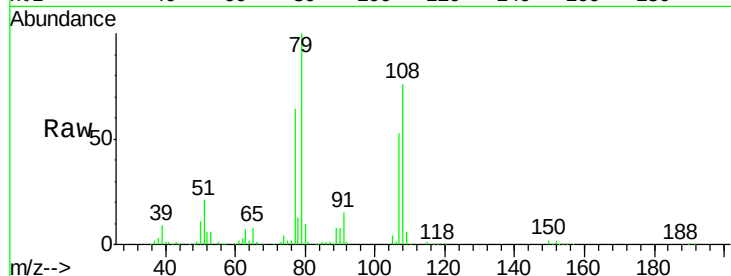
Tot Ion: 79 Resp: 347202

Ion Ratio Lower Upper

79 100

108 75.7 61.4 92.0

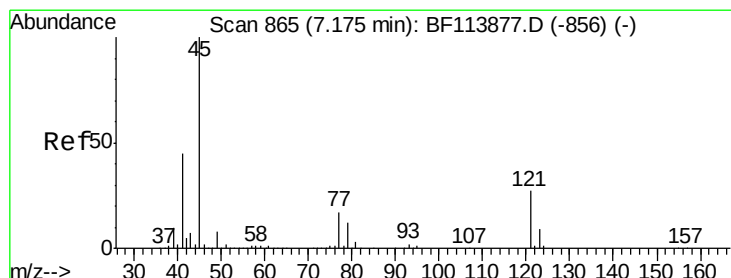
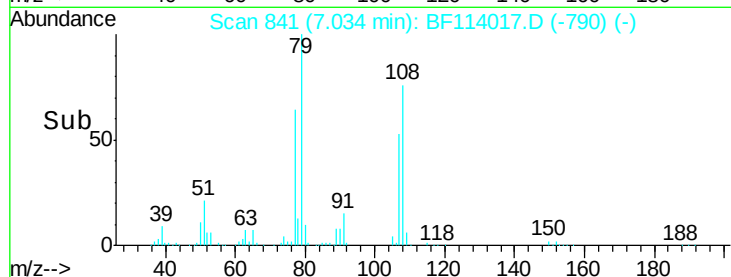
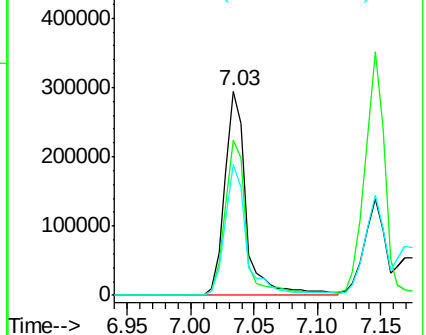
77 64.0 51.6 77.4



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: 38.545 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

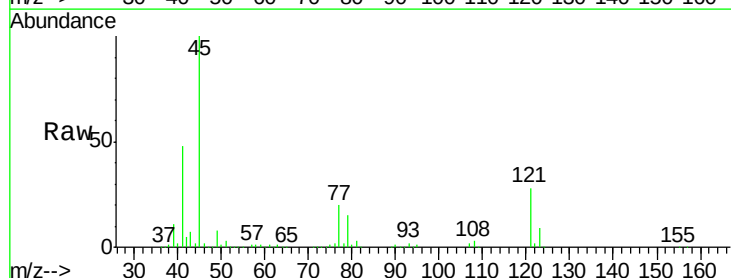
Tgt Ion: 45 Resp: 444912

Ion Ratio Lower Upper

45 100

77 19.9 0.0 37.0

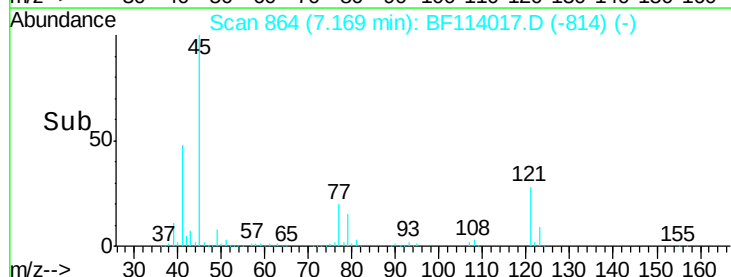
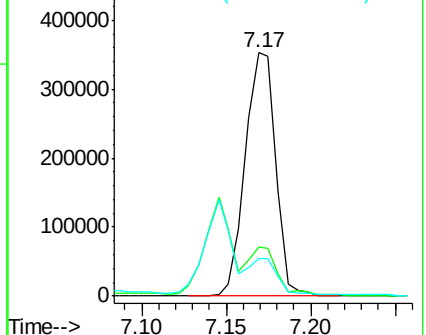
79 15.5 0.0 32.7

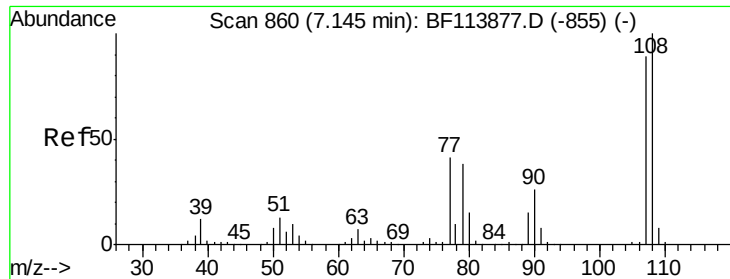


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

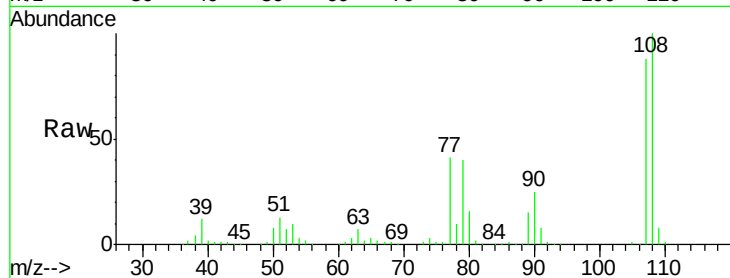




#17  
2-Methylphenol  
Concen: 37.799 ng  
RT: 7.15 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.7 | 91.5  | 137.3 |
| 77      | 46.6  | 36.2  | 54.4  |
| 79      | 45.3  | 35.4  | 53.0  |



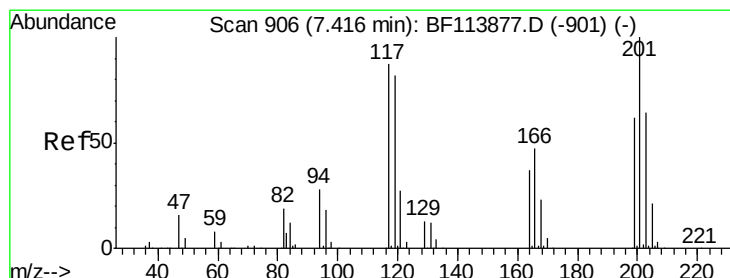
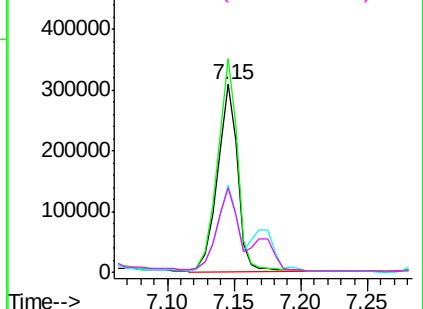
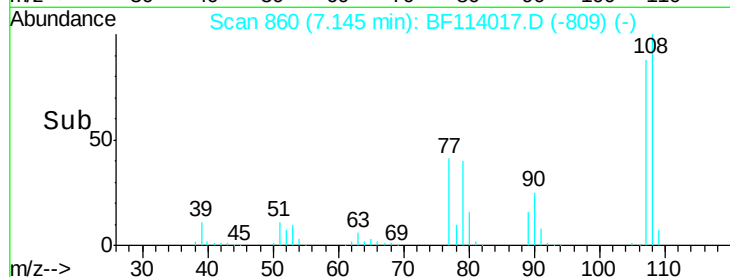
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

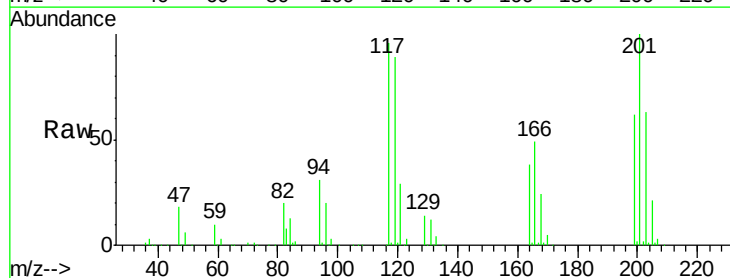
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18  
Hexachloroethane  
Concen: 41.623 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.5  | 74.4  | 111.6 |
| 201     | 104.7 | 90.2  | 135.2 |

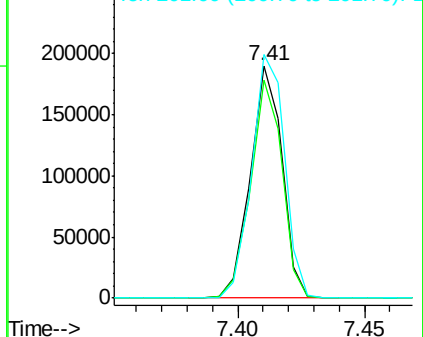
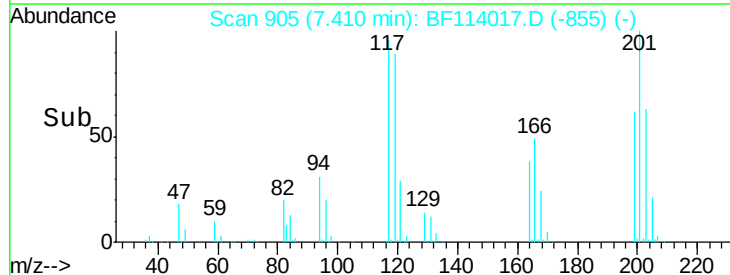


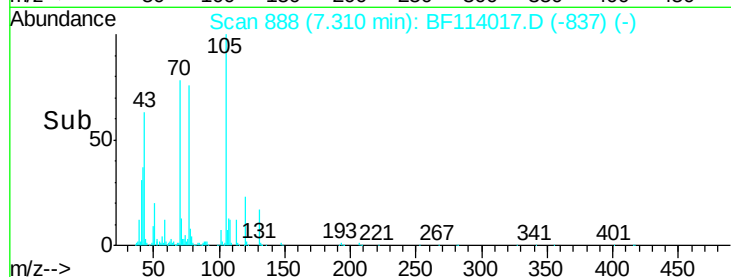
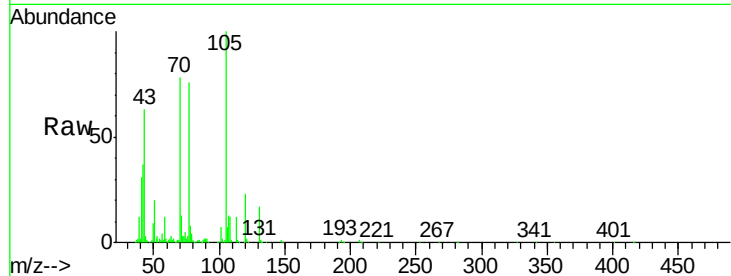
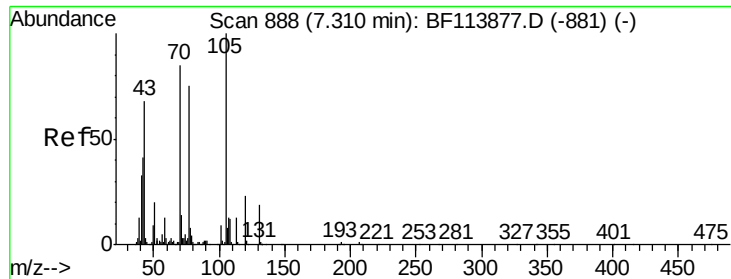
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

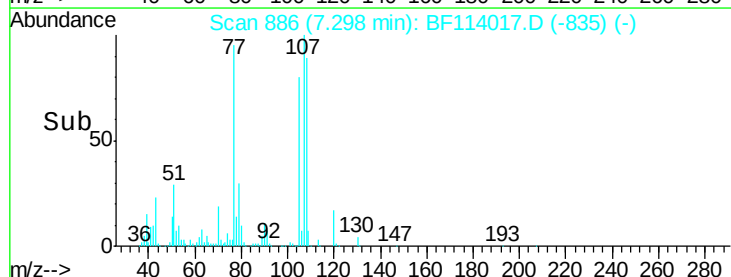
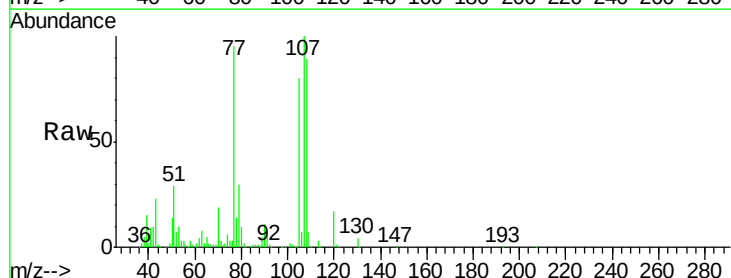
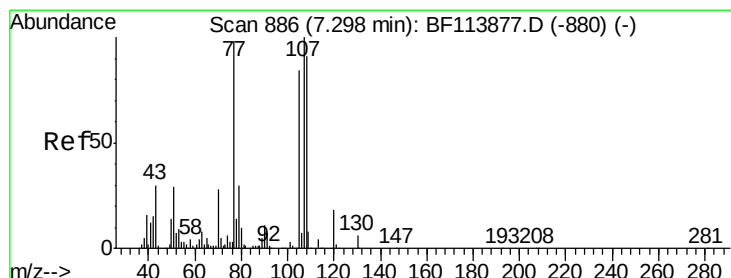
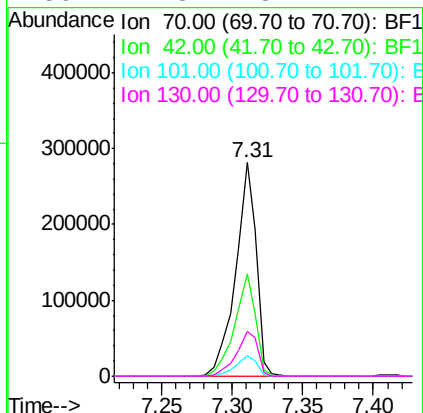




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.080 ng  
RT: 7.31 min Scan# 888  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

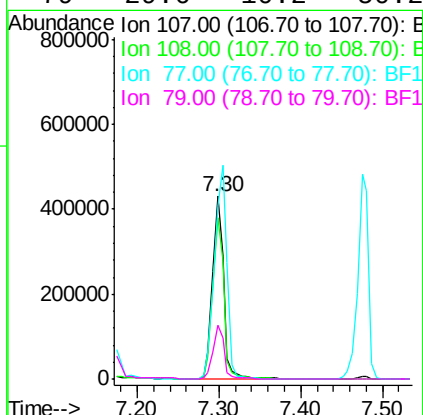
Instrument :  
BNA\_F  
ClientSampleId :

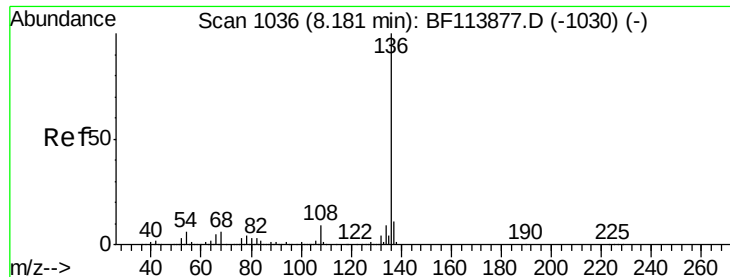
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 285213 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 47.7  | 37.3  | 55.9   |
| 101      | 9.5   | 7.8   | 11.8   |
| 130      | 21.3  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 40.857 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 404616 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.7  | 70.1  | 110.1  |
| 77       | 95.0  | 52.9  | 92.9#  |
| 79       | 29.6  | 10.2  | 50.2   |

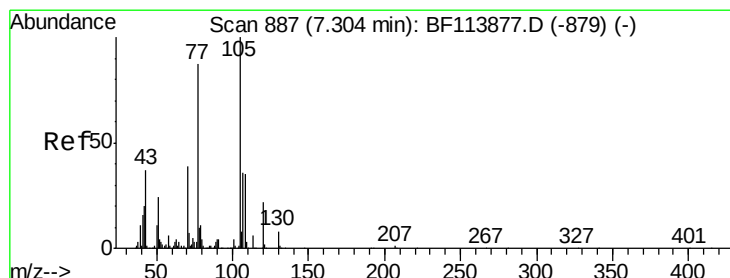
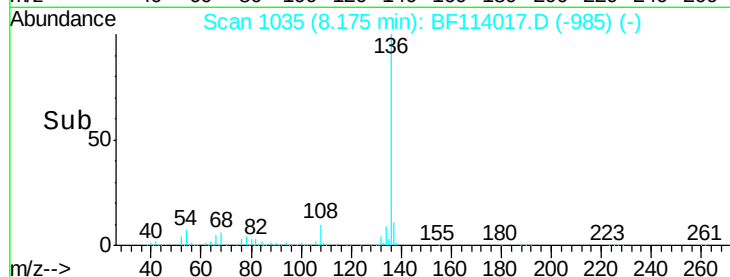
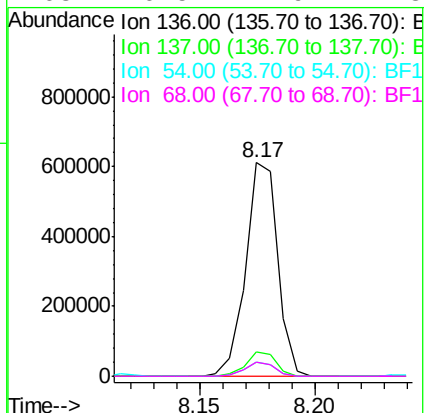
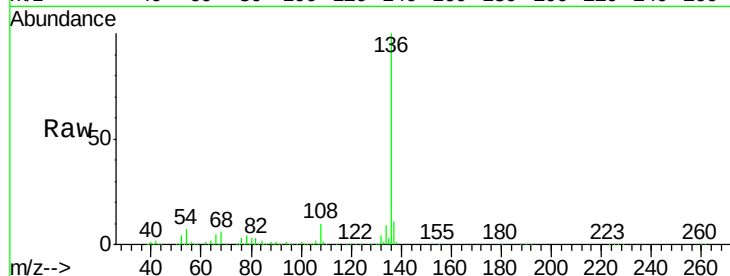




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.17 min Scan# 1035  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

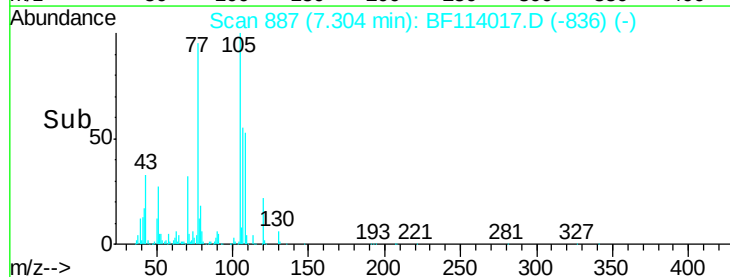
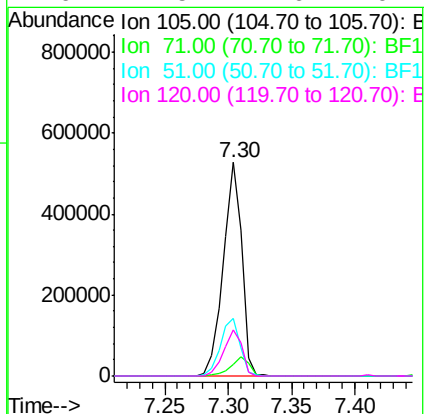
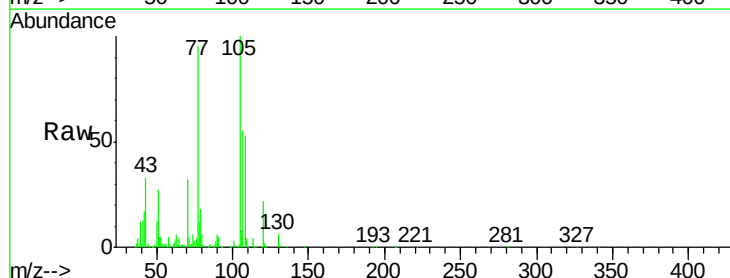
Instrument :  
BNA\_F  
ClientSampleId :

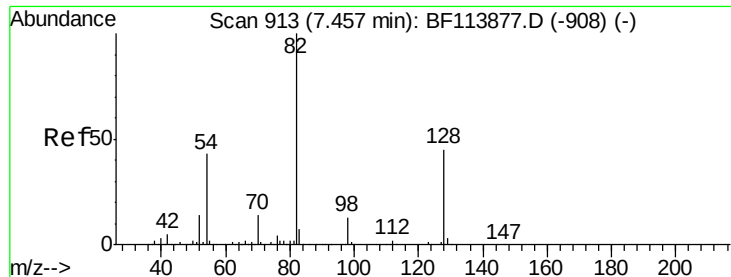
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 595237 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.1    | 8.6 12.8     |
| 54 6.6      | 5.0 7.6      |
| 68 6.5      | 4.9 7.3      |



#22  
Acetophenone  
Concen: 40.418 ng  
RT: 7.30 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 535370 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 5.3     | 6.1   | 9.1#   |
| 51  | 26.9    | 16.8  | 25.2#  |
| 120 | 21.5    | 17.6  | 26.4   |

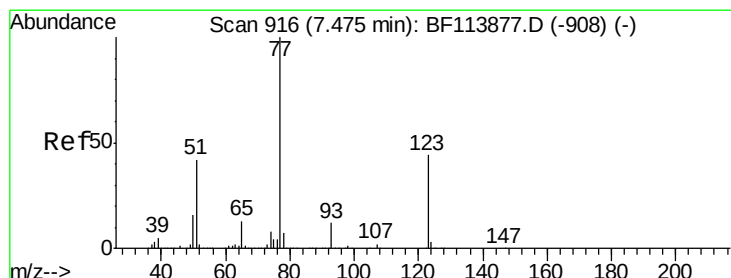
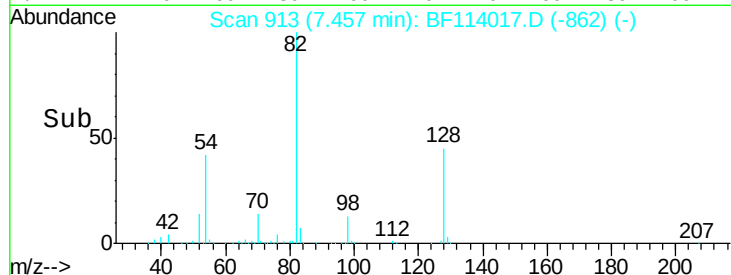
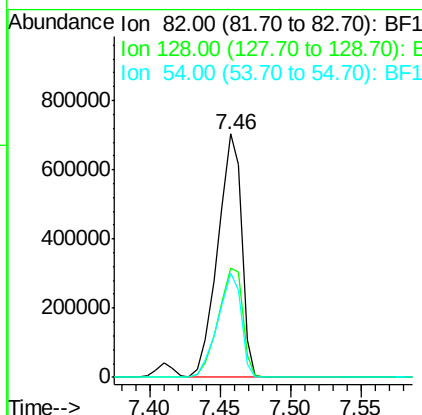
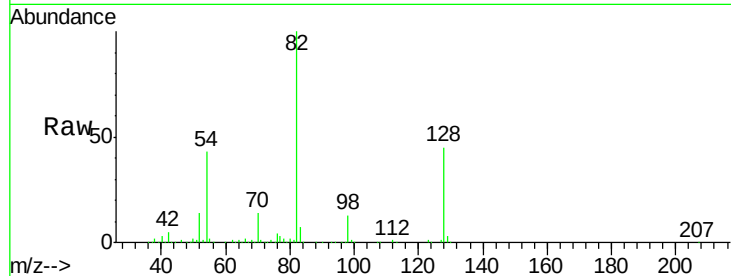




#23  
 Nitrobenzene-d5  
 Concen: 85.494 ng  
 RT: 7.46 min Scan# 913  
 Delta R.T. 0.00 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

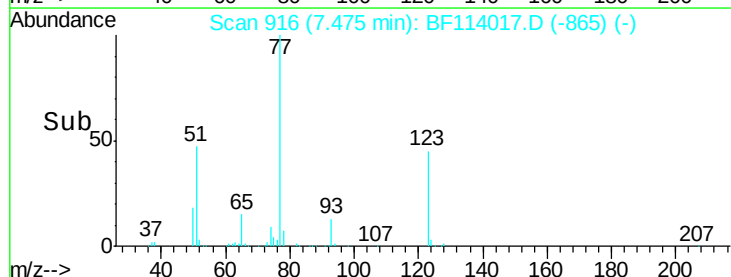
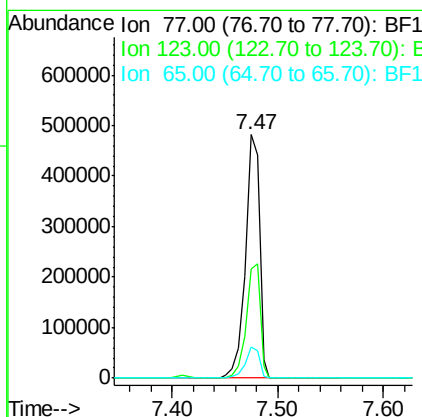
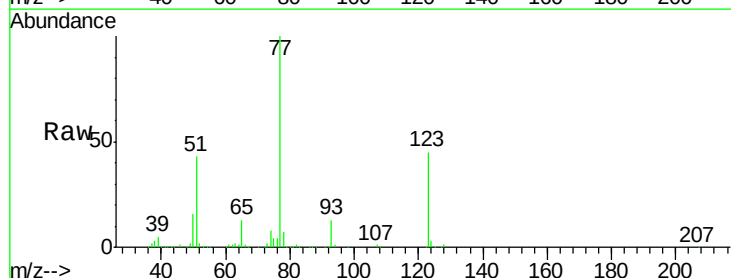
Instrument :  
 BNA\_F  
 ClientSampleId :

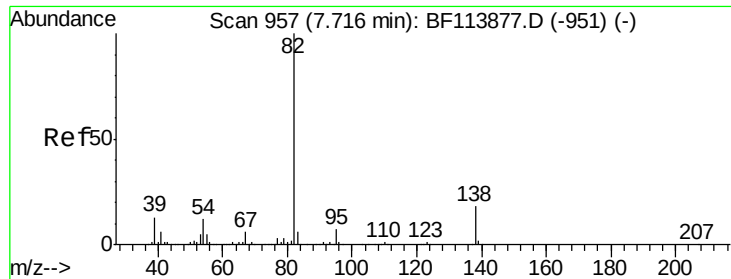
| Tot Ion   | 82    | Resp  | 824202 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.0  | 36.8  | 55.2   |
| 54        | 42.5  | 33.8  | 50.6   |



#24  
 Nitrobenzene  
 Concen: 41.653 ng  
 RT: 7.47 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

| Tgt Ion   | 77    | Resp  | 443698 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 44.9  | 36.3  | 54.5   |
| 65        | 12.7  | 10.3  | 15.5   |





#25

Isophorone

Concen: 39.606 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

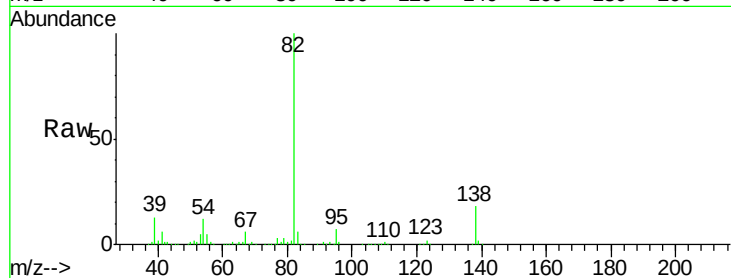
Tot Ion: 82 Resp: 781255

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

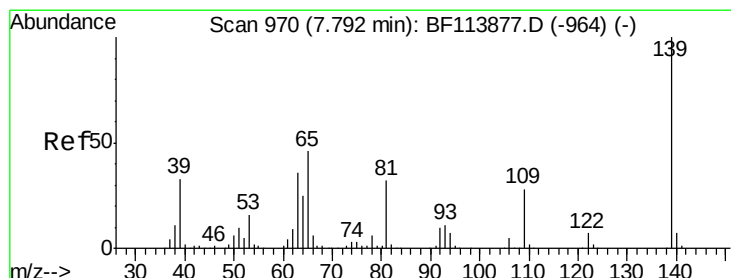
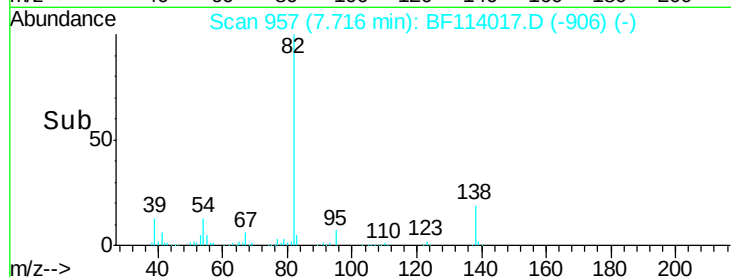
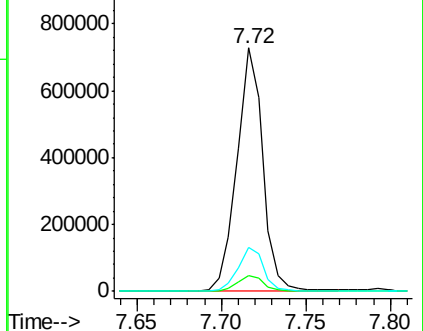
138 18.1 14.6 22.0



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: 46.189 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

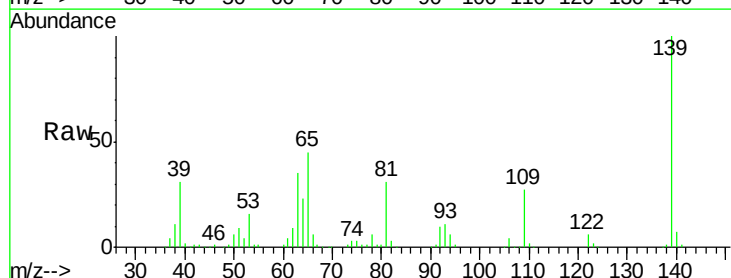
Tgt Ion: 139 Resp: 224459

Ion Ratio Lower Upper

139 100

109 26.6 20.6 31.0

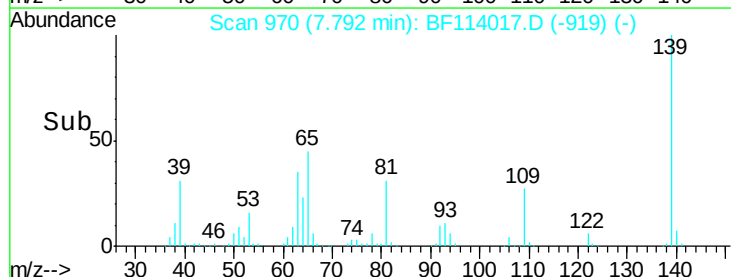
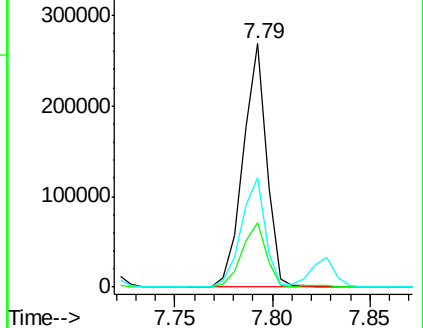
65 45.0 34.6 52.0



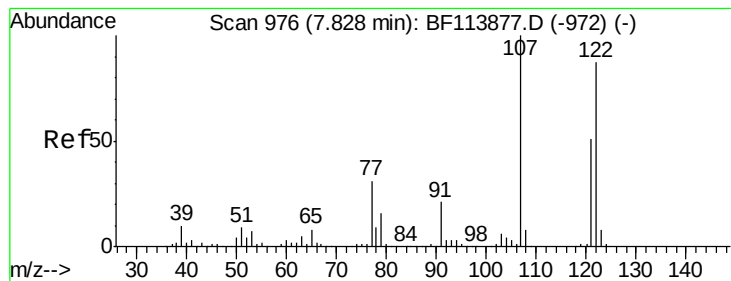
Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1







#27

2,4-Dimethylphenol

Concen: 38.203 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

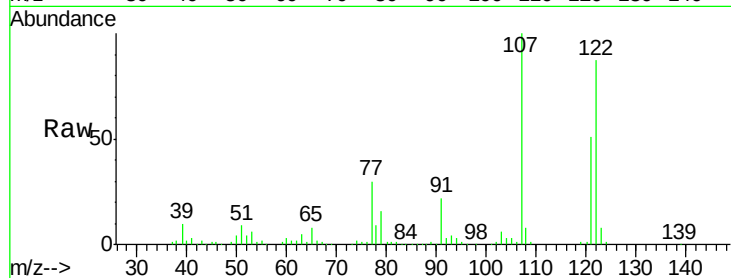
Tot Ion:122 Resp: 302478

Ion Ratio Lower Upper

122 100

107 115.2 91.2 136.8

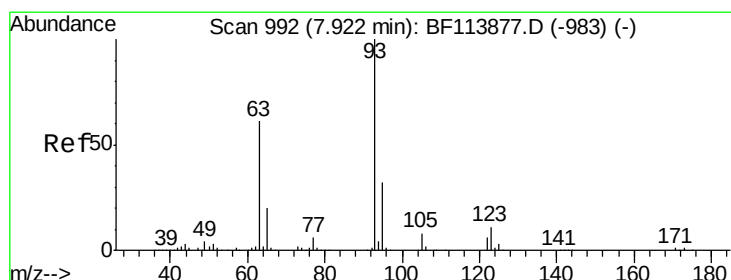
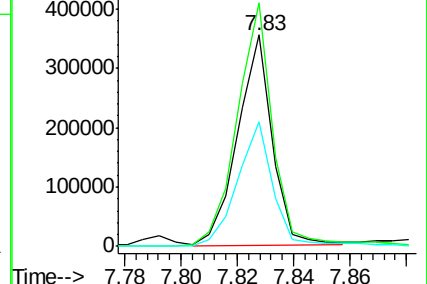
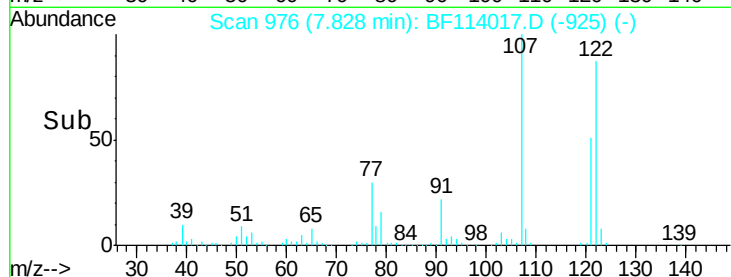
121 59.1 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.071 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

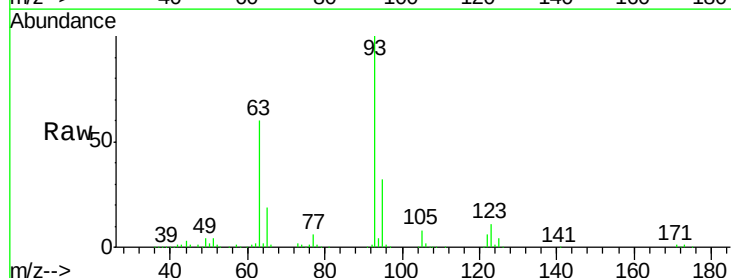
Tgt Ion: 93 Resp: 503683

Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

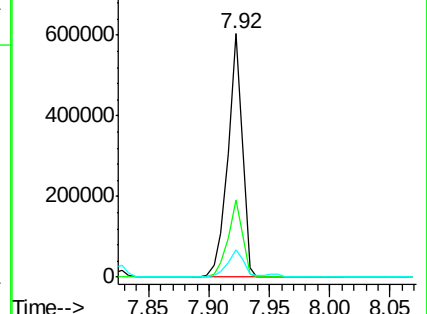
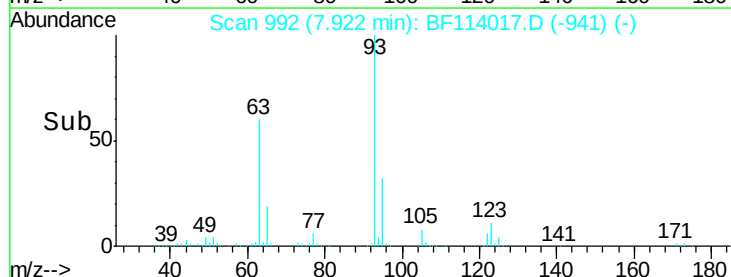
123 11.3 9.0 13.6

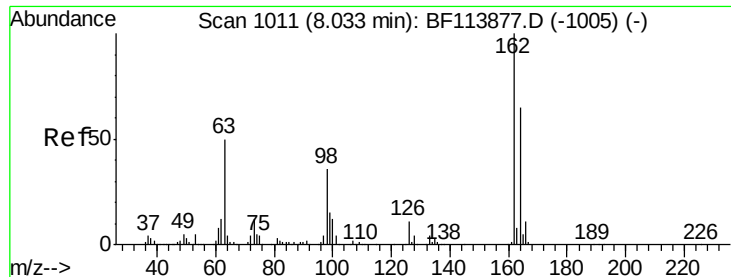


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

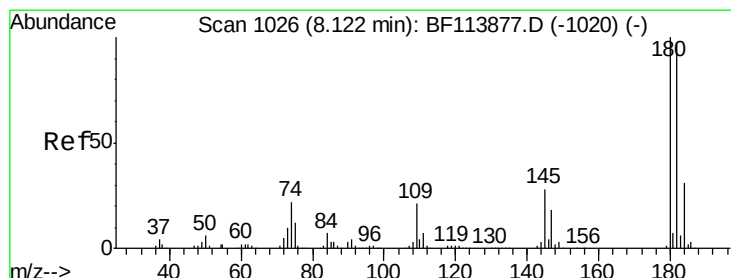
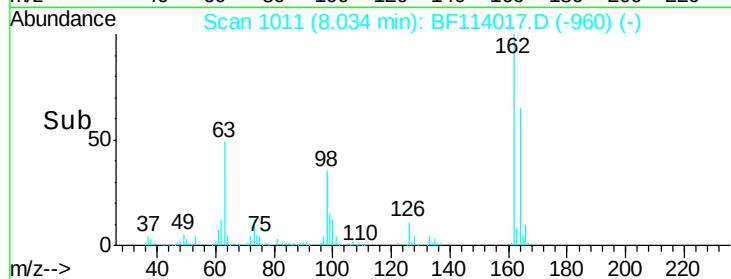
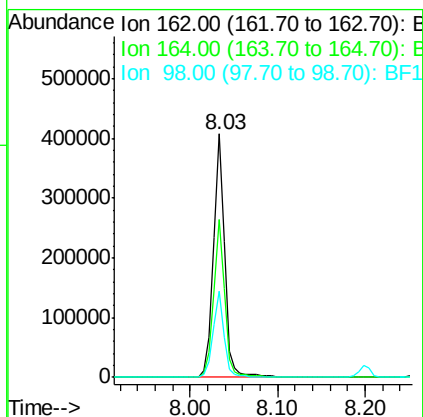
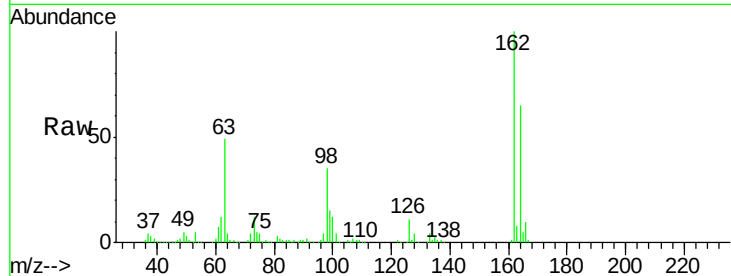




#29  
2,4-Dichlorophenol  
Concen: 40.823 ng  
RT: 8.03 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

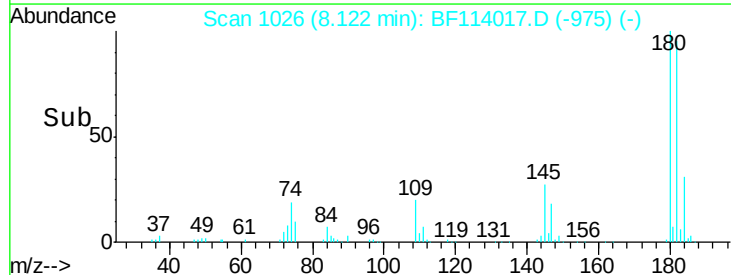
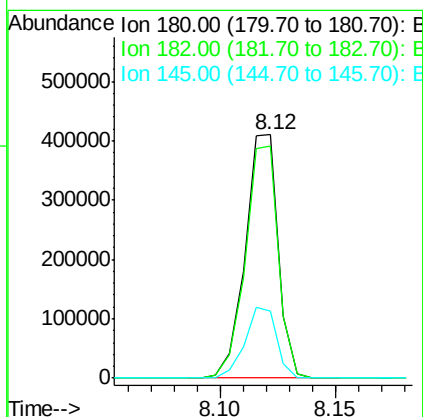
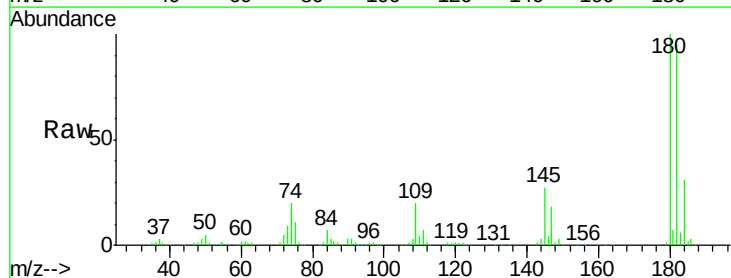
Instrument :  
BNA\_F  
ClientSampleId :

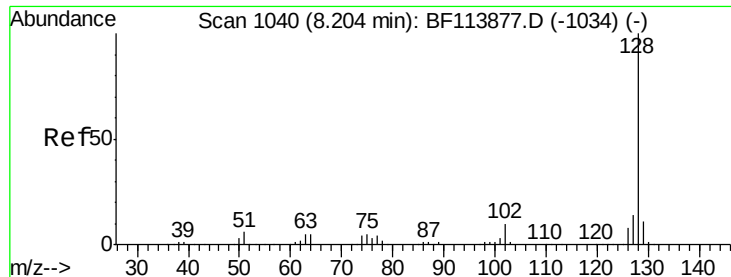
Tot Ion:162 Resp: 369611  
Ion Ratio Lower Upper  
162 100  
164 64.9 43.7 83.7  
98 35.2 15.5 55.5



#30  
1,2,4-Trichlorobenzene  
Concen: 40.551 ng  
RT: 8.12 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Tgt Ion:180 Resp: 409376  
Ion Ratio Lower Upper  
180 100  
182 95.3 75.4 113.0  
145 27.3 23.0 34.4





#31

Naphthalene

Concen: 40.987 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

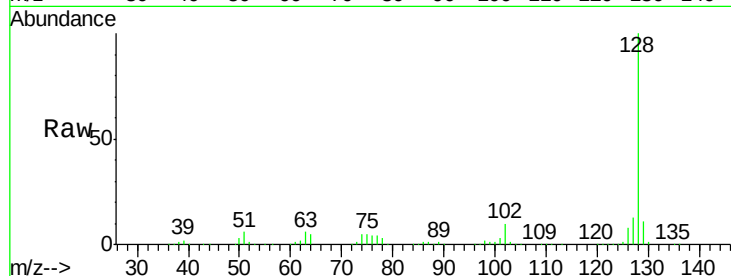
Tot Ion:128 Resp: 1158978

Ion Ratio Lower Upper

128 100

129 11.4 9.4 14.0

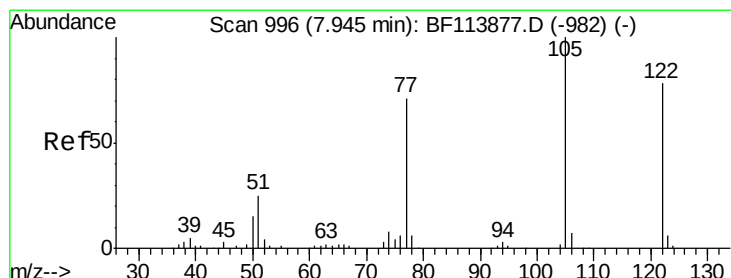
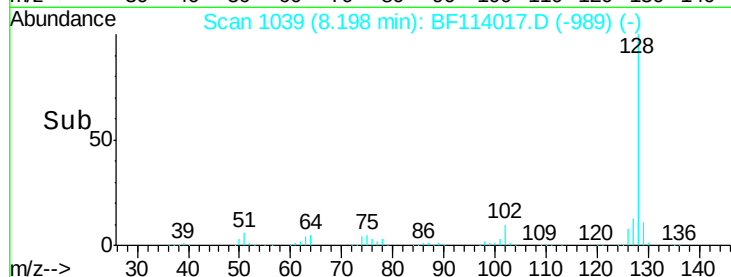
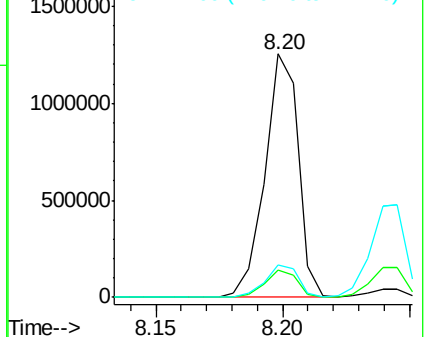
127 13.4 10.8 16.2



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: 35.074 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

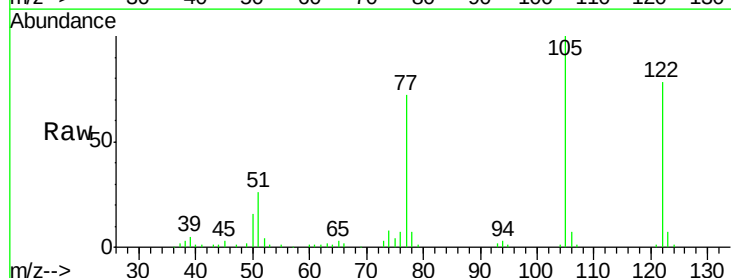
Tgt Ion:122 Resp: 187536

Ion Ratio Lower Upper

122 100

105 128.6 104.3 144.3

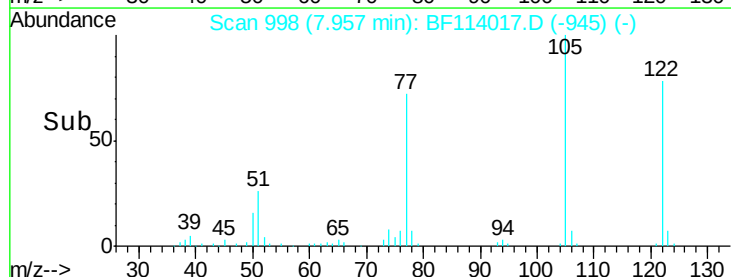
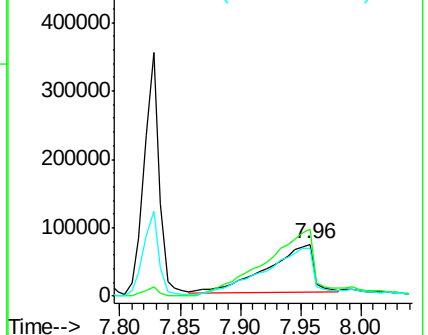
77 92.9 70.4 110.4

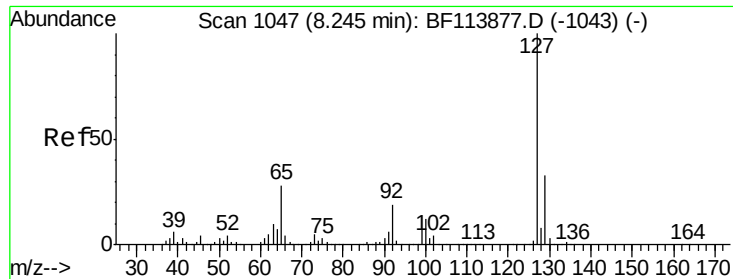


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

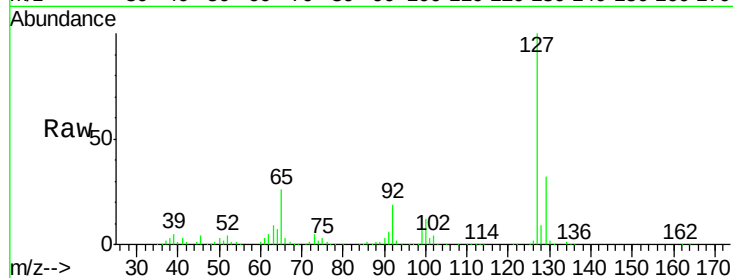




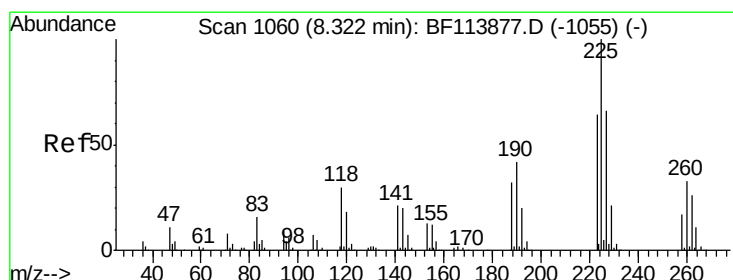
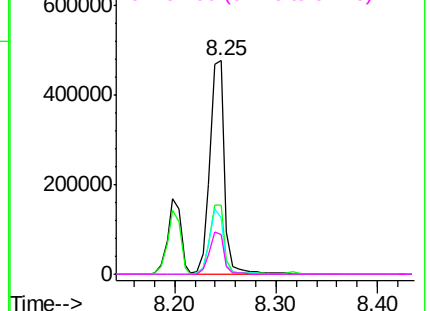
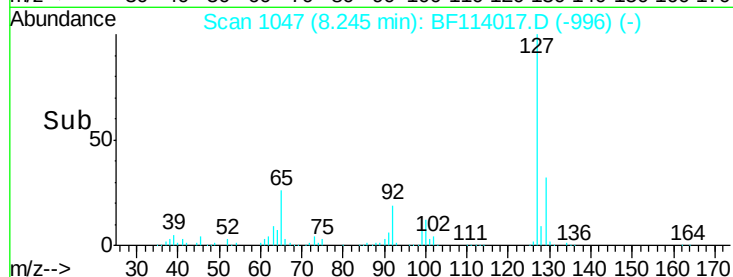
#33  
4-Chloroaniline  
Concen: 40.195 ng  
RT: 8.25 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 480924 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.4  | 26.4  | 39.6   |
| 65       | 26.4  | 24.9  | 37.3   |
| 92       | 18.9  | 15.9  | 23.9   |

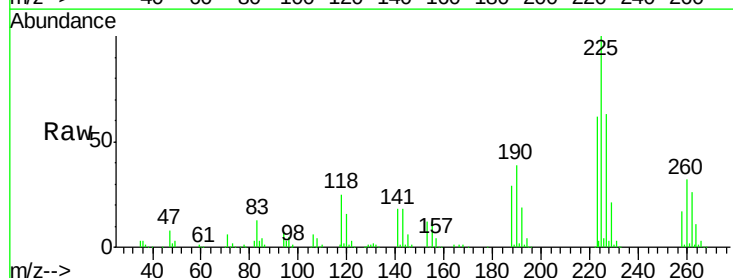


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

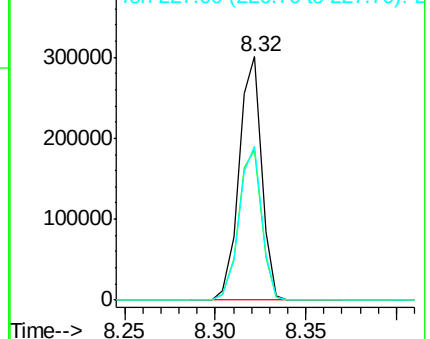
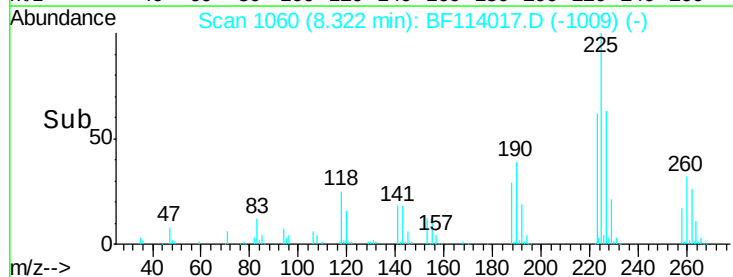


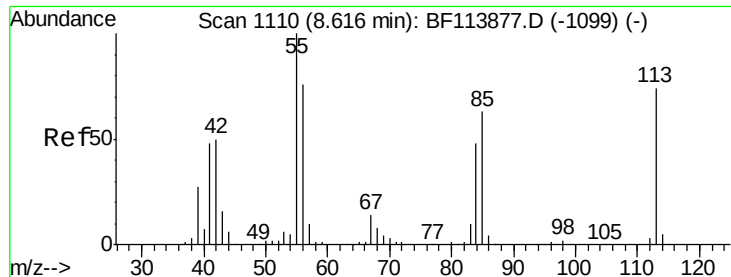
#34  
Hexachlorobutadiene  
Concen: 41.391 ng  
RT: 8.32 min Scan# 1060  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 260487 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.6  | 51.1  | 76.7   |
| 227      | 63.5  | 49.9  | 74.9   |



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: 39.478 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

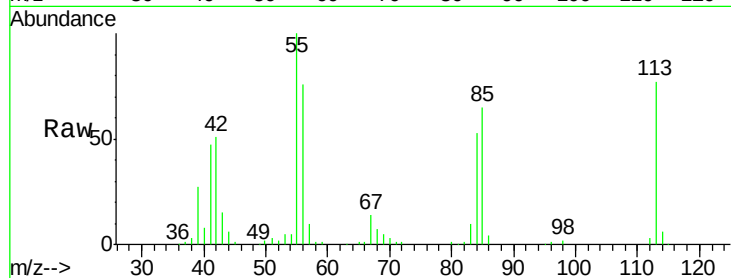
Tot Ion:113 Resp: 113703

Ion Ratio Lower Upper

113 100

55 129.9 128.6 168.6

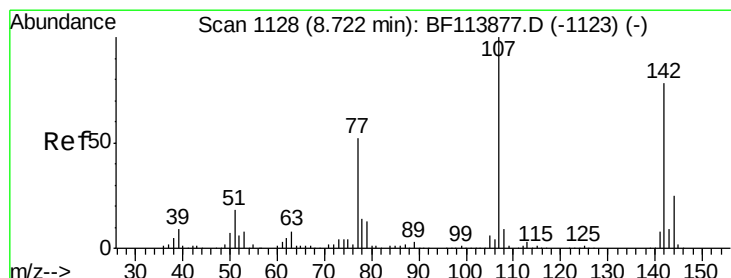
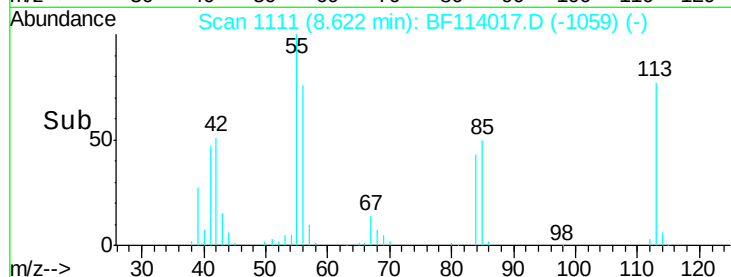
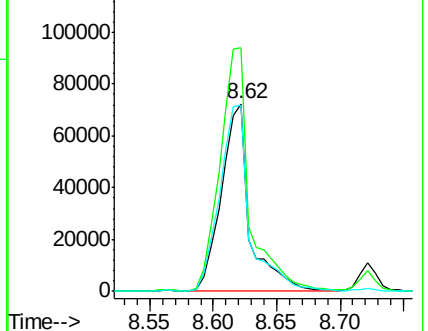
56 99.3 91.9 131.9



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: 40.887 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

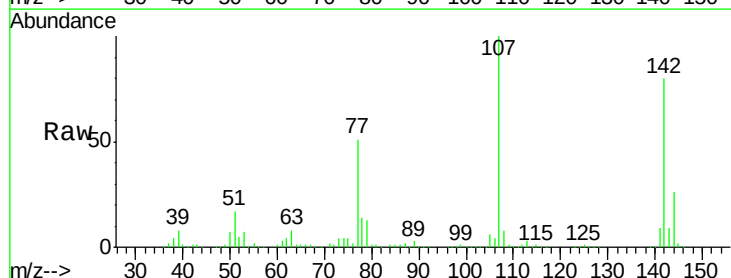
Tgt Ion:107 Resp: 366762

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

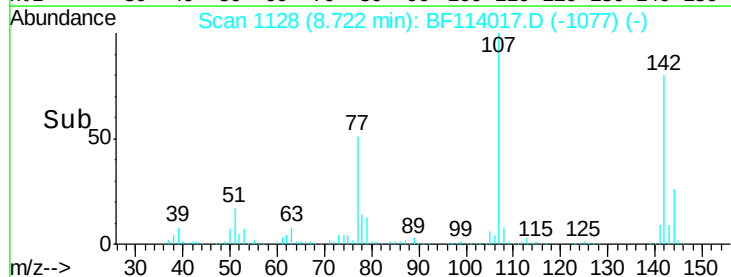
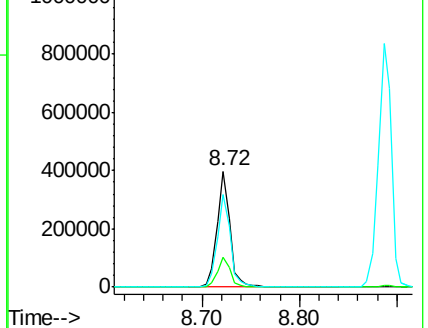
142 79.6 64.2 96.4

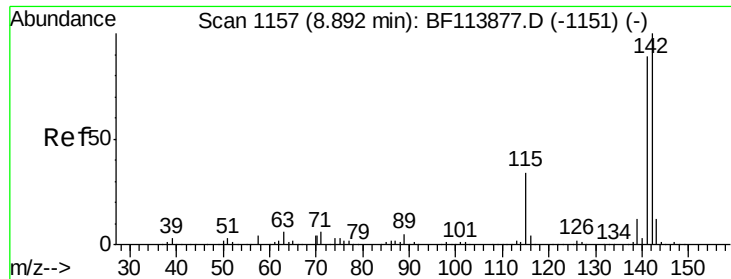


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

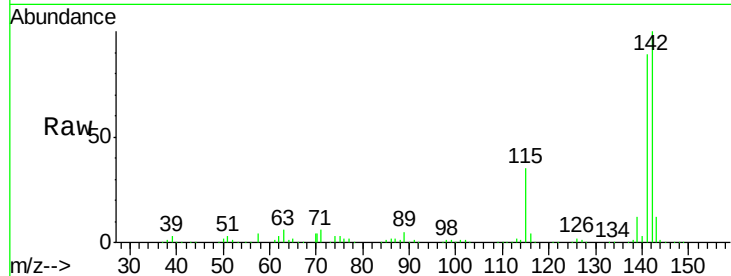




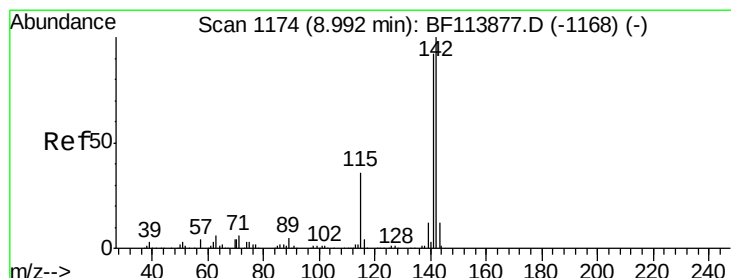
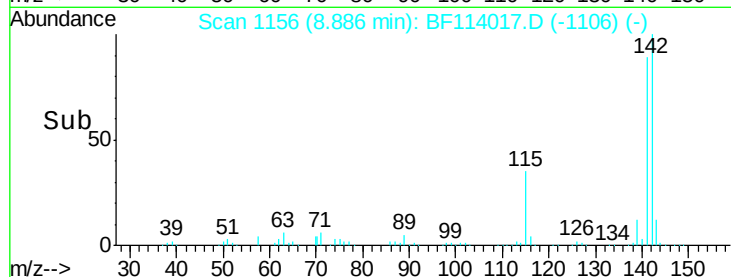
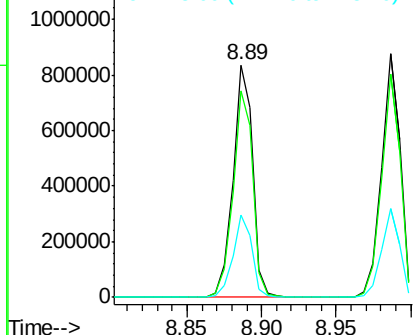
#37  
2-Methylnaphthalene  
Concen: 40.662 ng  
RT: 8.89 min Scan# 1156  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.0  | 70.4  | 105.6 |
| 115     | 35.2  | 26.3  | 39.5  |

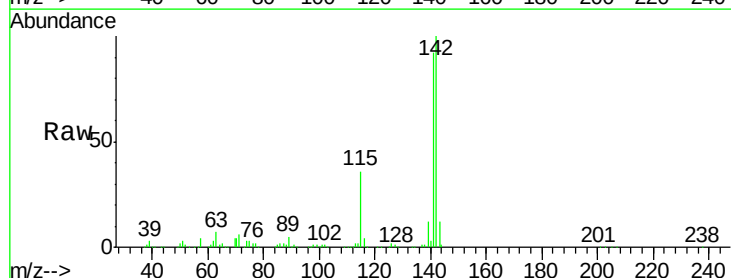


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

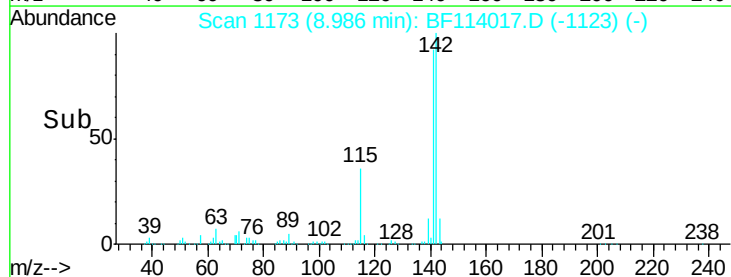
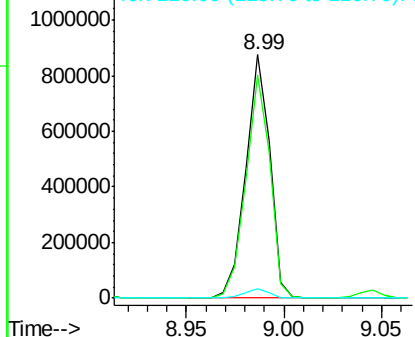


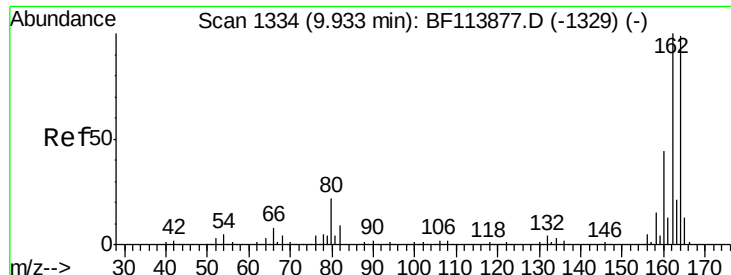
#38  
1-Methylnaphthalene  
Concen: 40.609 ng  
RT: 8.99 min Scan# 1173  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.7  | 72.3  | 108.5 |
| 116     | 3.8   | 3.0   | 4.4   |



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

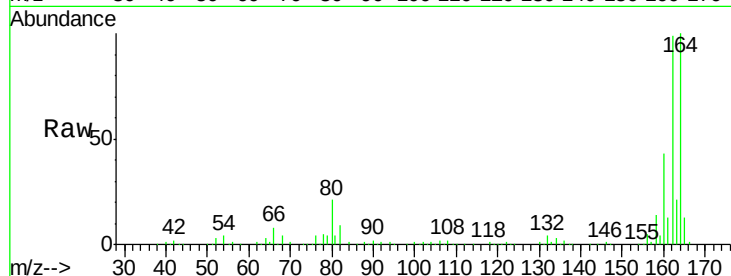




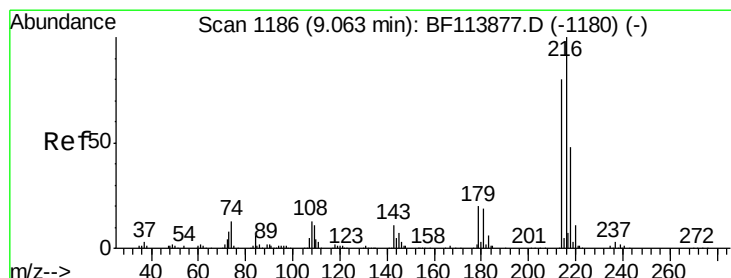
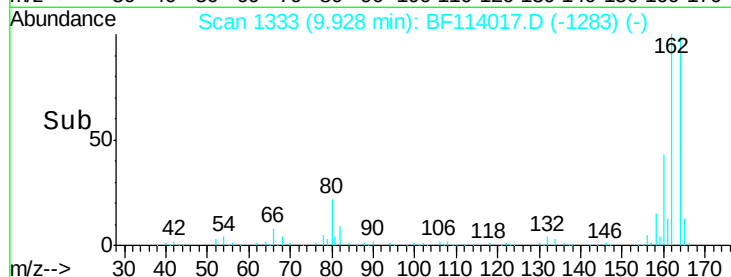
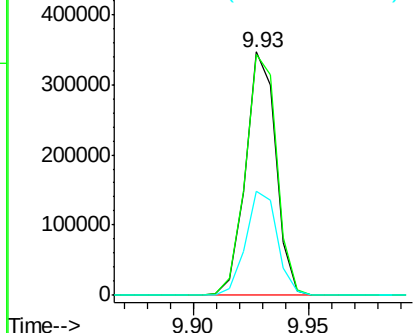
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.93 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:164 Resp: 317288  
Ion Ratio Lower Upper  
164 100  
162 99.0 81.1 121.7  
160 42.6 35.8 53.6

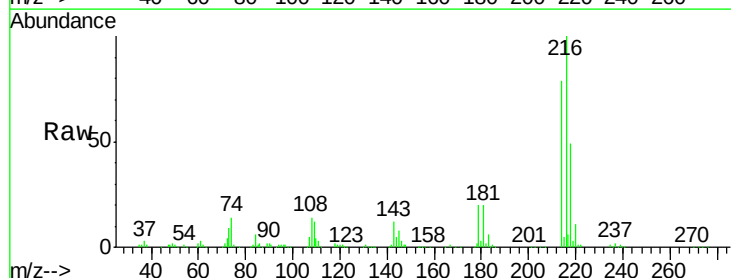


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

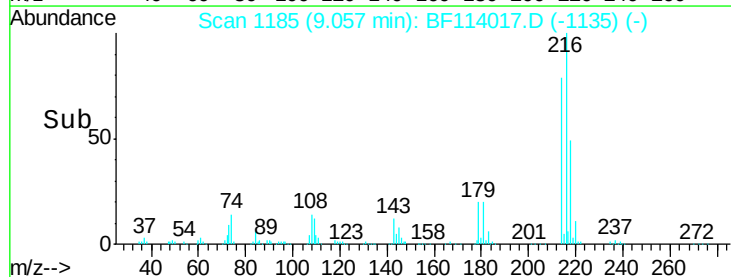
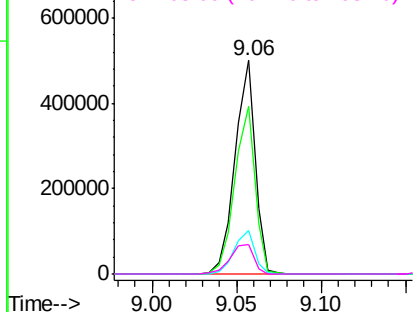


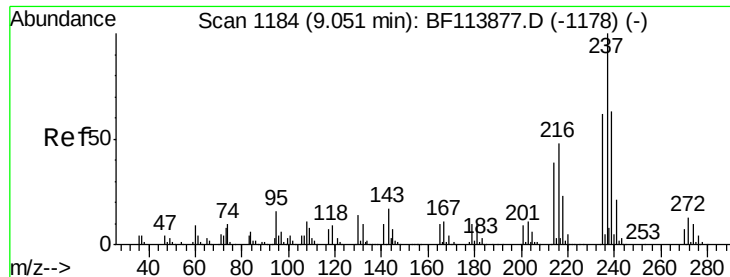
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.127 ng  
RT: 9.06 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Tgt Ion:216 Resp: 413572  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.5 95.3  
179 20.6 16.1 24.1  
108 16.5 13.4 20.0



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

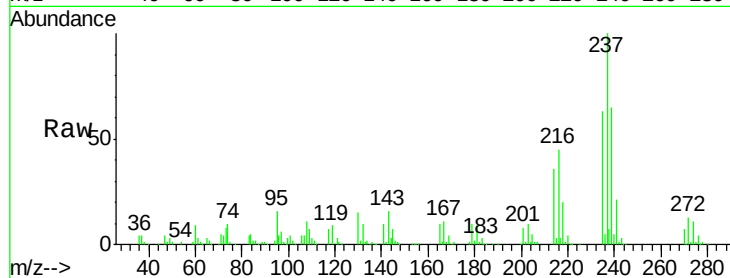




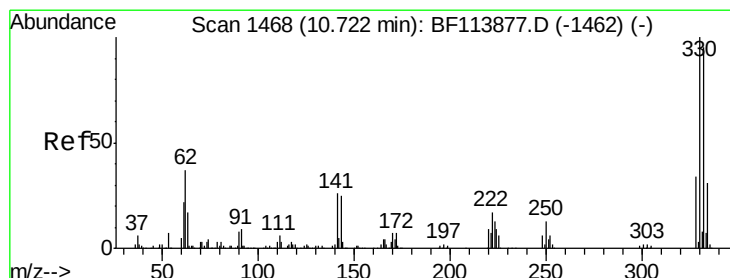
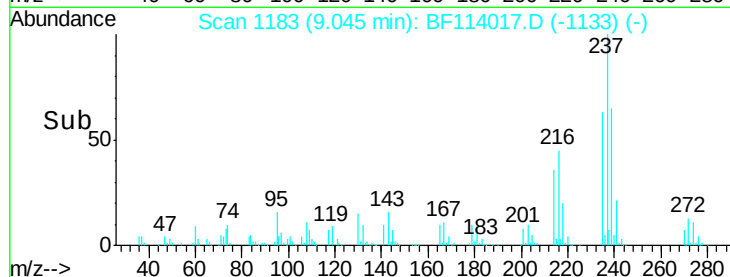
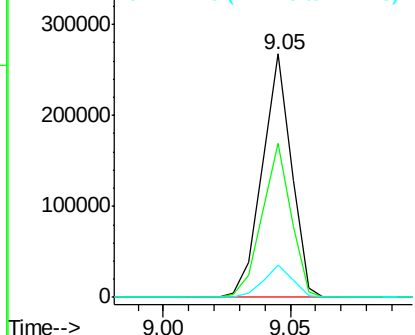
#41  
Hexachlorocyclopentadiene  
Concen: 37.248 ng  
RT: 9.05 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 214080  
Ion Ratio Lower Upper  
237 100  
235 63.0 42.6 82.6  
272 13.3 0.0 33.8

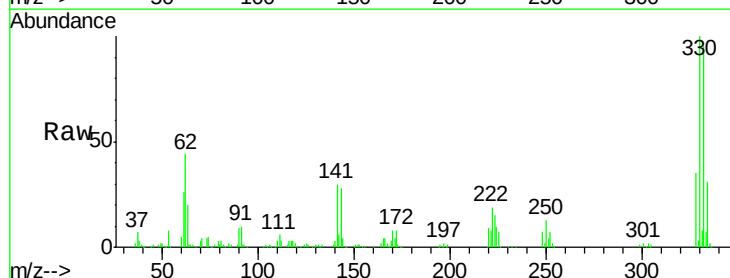


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

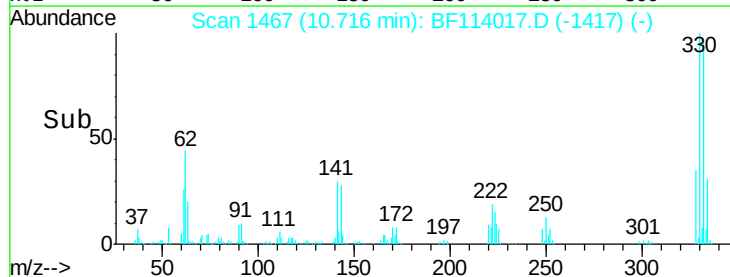
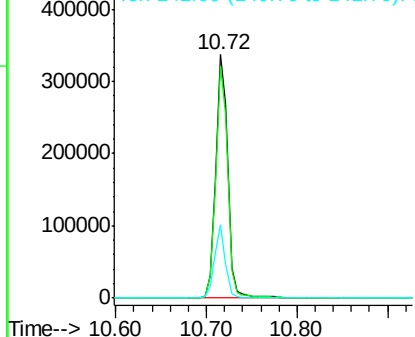


#42  
2,4,6-Tribromophenol  
Concen: 80.332 ng  
RT: 10.72 min Scan# 1467  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

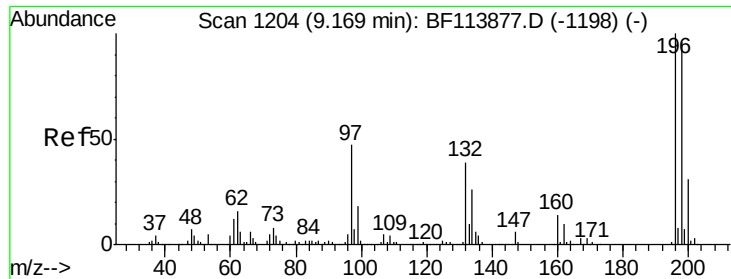
Tgt Ion:330 Resp: 310502  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.5 116.3  
141 27.4 22.2 33.2



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



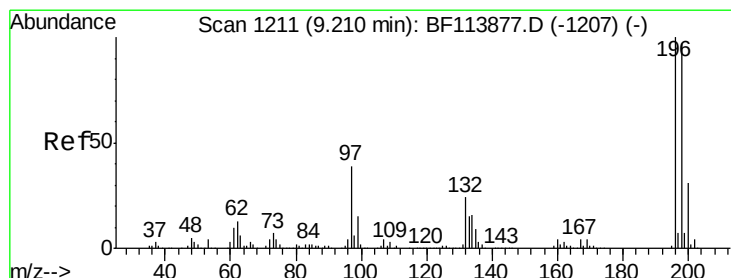
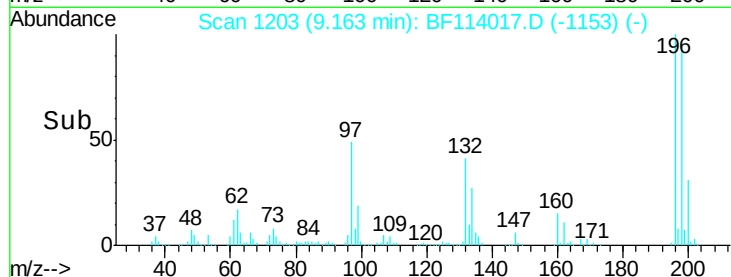
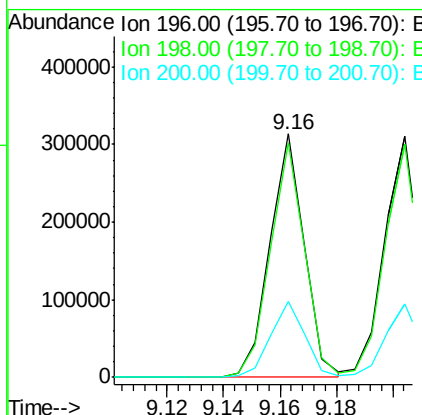
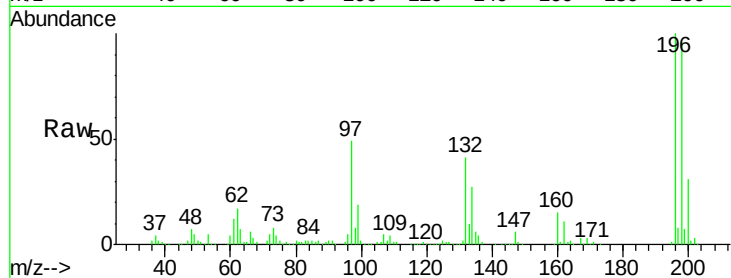




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.389 ng  
 RT: 9.16 min Scan# 1203  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

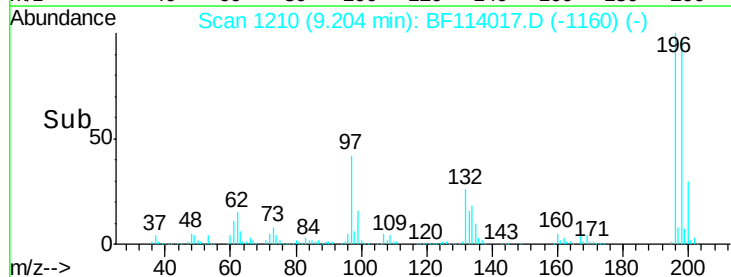
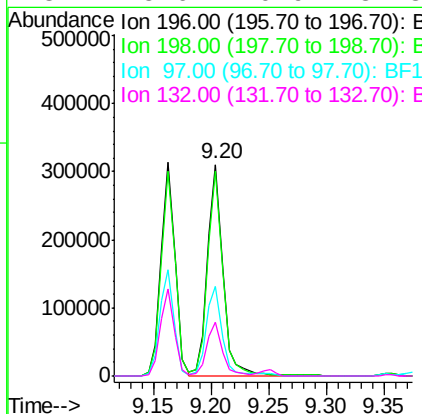
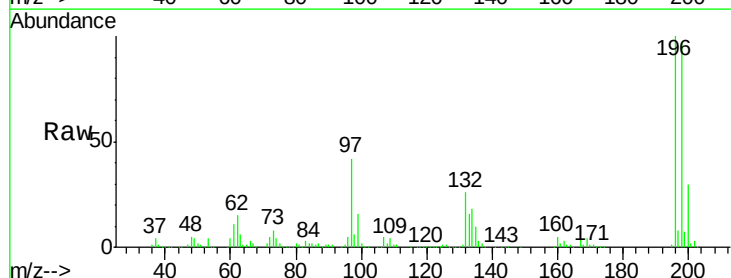
Instrument :  
 BNA\_F  
 ClientSampled :

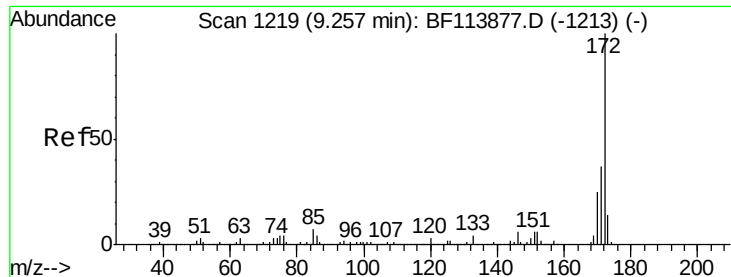
Tot Ion:196 Resp: 264329  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 75.6 113.4  
 200 31.1 24.7 37.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.852 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:196 Resp: 292547  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 76.2 114.4  
 97 42.4 35.8 53.8  
 132 25.6 20.9 31.3

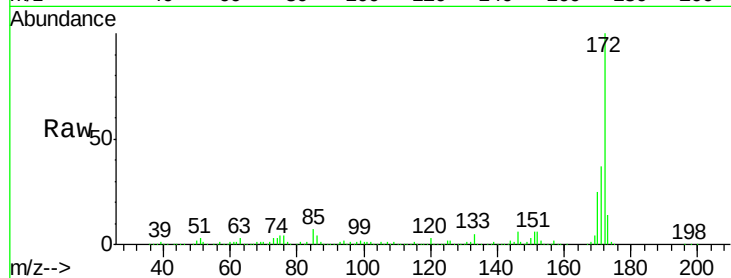




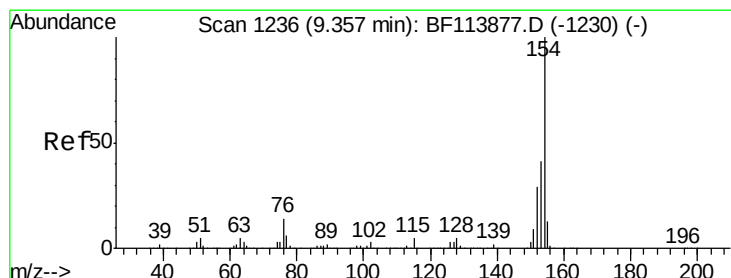
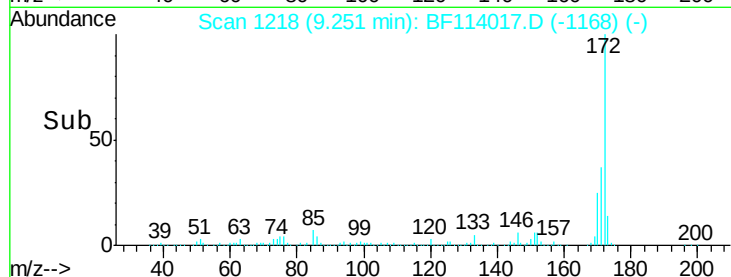
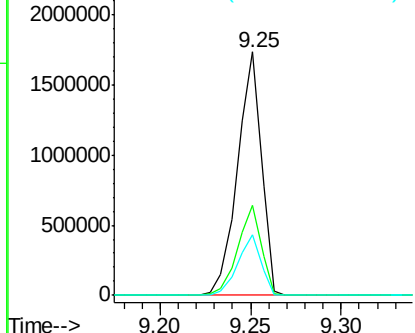
#45  
2-Fluorobiphenyl  
Concen: 78.564 ng  
RT: 9.25 min Scan# 1218  
Delta R.T. -0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 1593804  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.4 44.0  
170 24.9 19.9 29.9

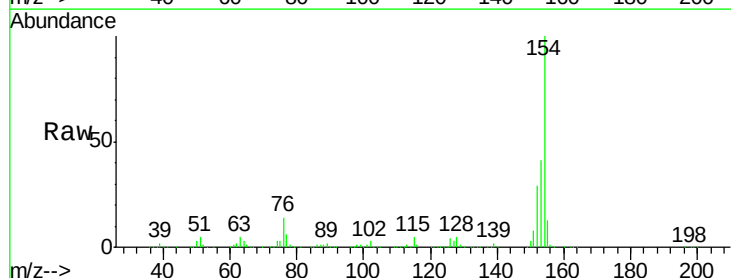


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

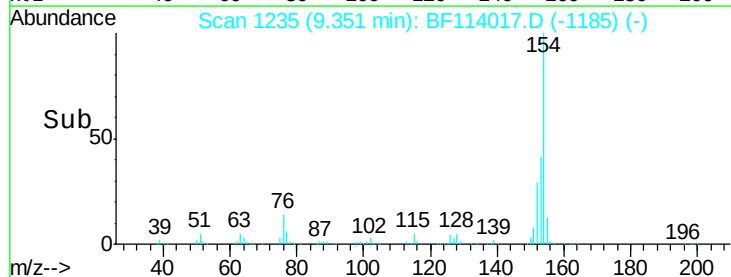
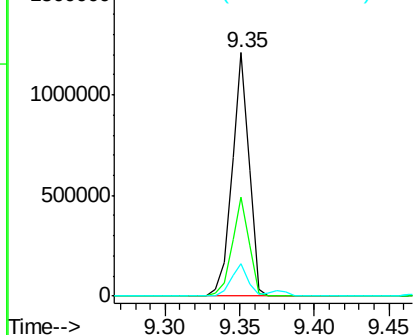


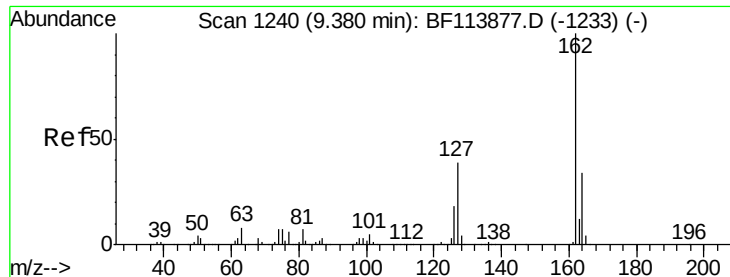
#46  
1,1'-Biphenyl  
Concen: 40.350 ng  
RT: 9.35 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Tgt Ion:154 Resp: 978028  
Ion Ratio Lower Upper  
154 100  
153 40.8 20.8 60.8  
76 13.6 0.0 35.2



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

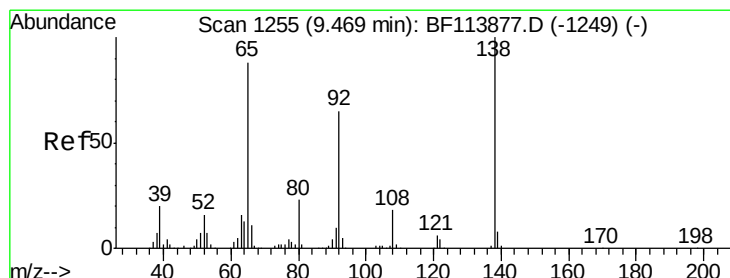
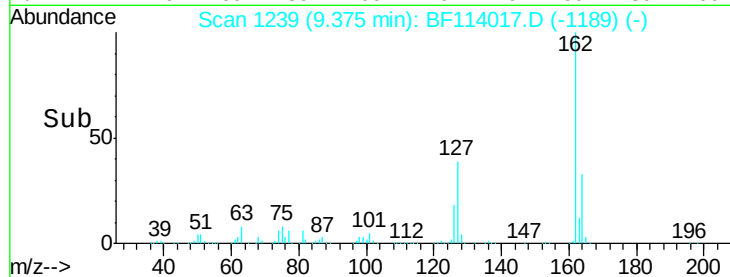
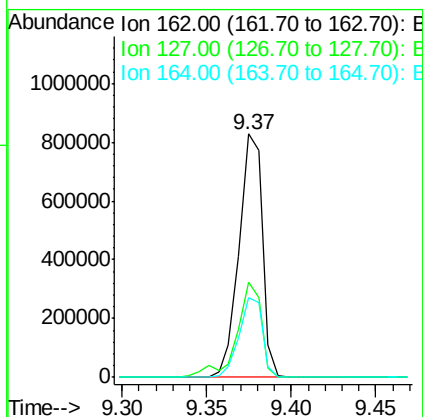
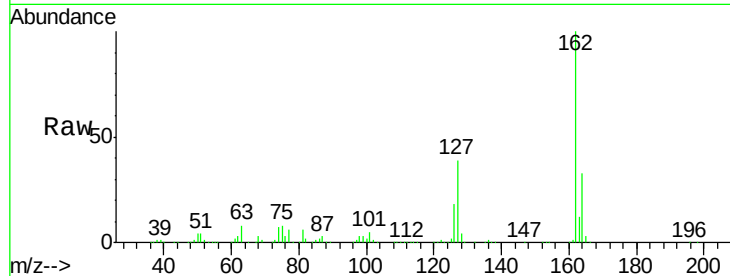




#47  
 2-Chloronaphthalene  
 Concen: 40.488 ng  
 RT: 9.37 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

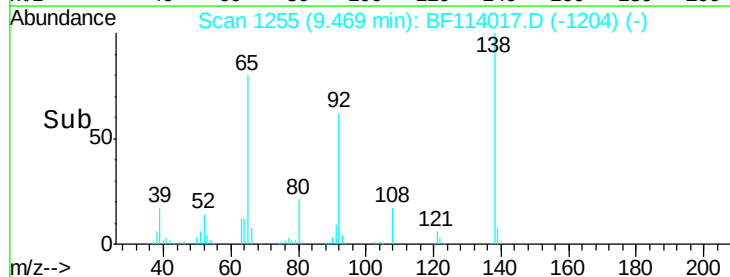
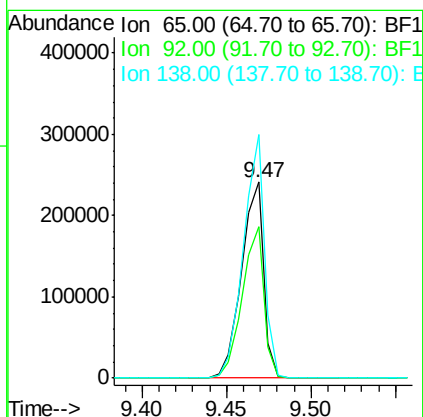
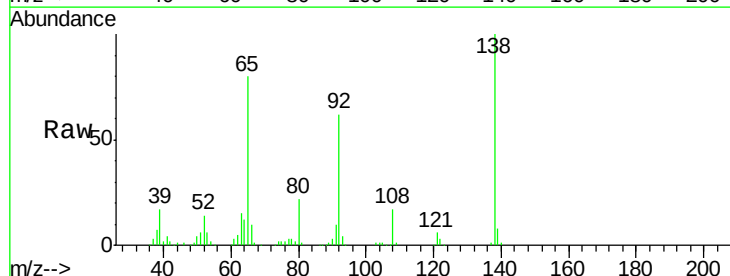
Instrument :  
 BNA\_F  
 ClientSampleId :

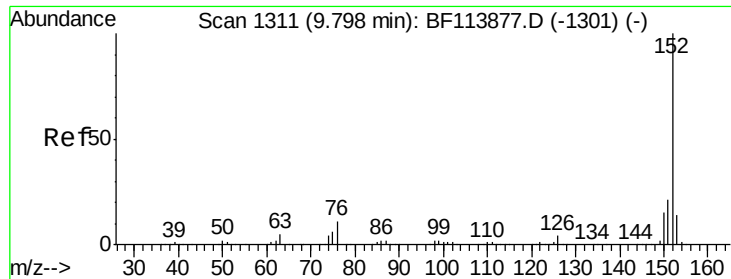
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.2  | 29.3  | 43.9  |
| 164     | 33.0  | 27.1  | 40.7  |



#48  
 2-Nitroaniline  
 Concen: 42.817 ng  
 RT: 9.47 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 77.4  | 57.4  | 86.0  |
| 138     | 124.4 | 85.4  | 128.0 |





#49

Acenaphthylene

Concen: 40.274 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

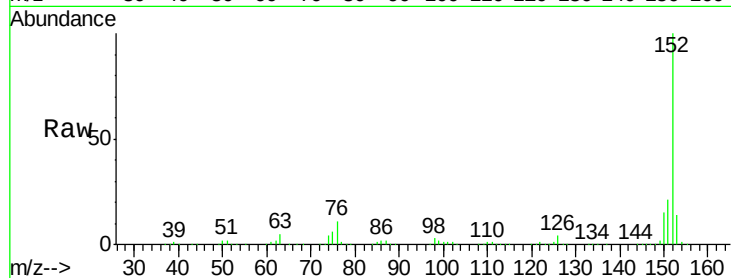
Tot Ion:152 Resp: 1242787

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

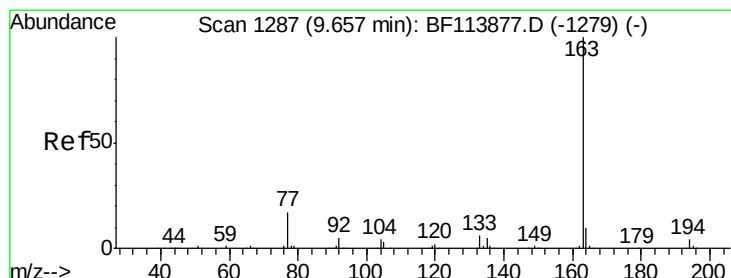
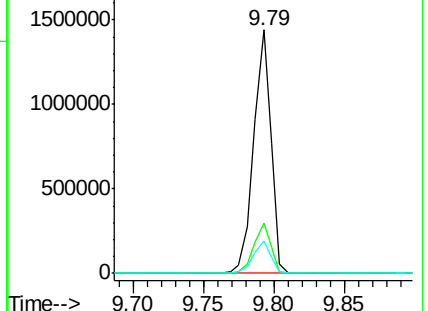
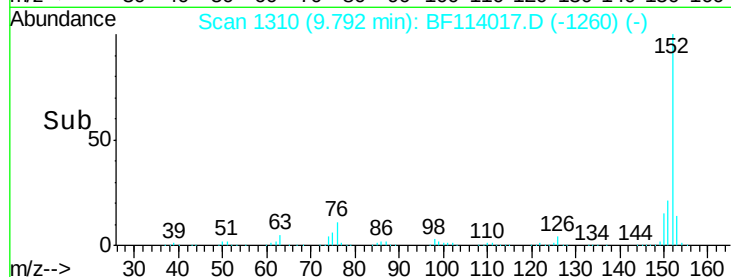
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.489 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

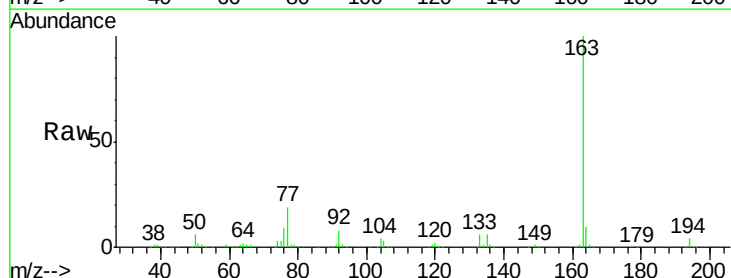
Tgt Ion:163 Resp: 929088

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

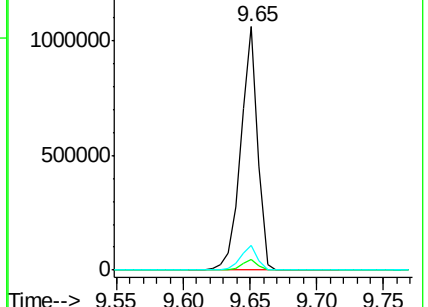
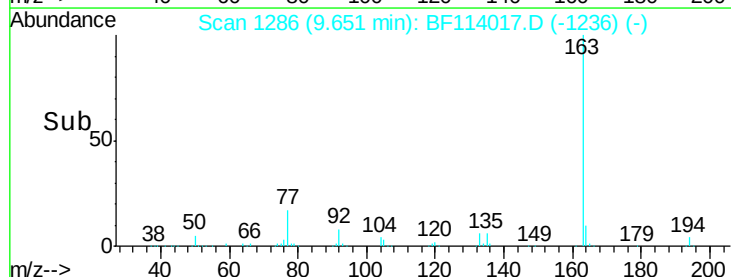
164 10.4 8.5 12.7

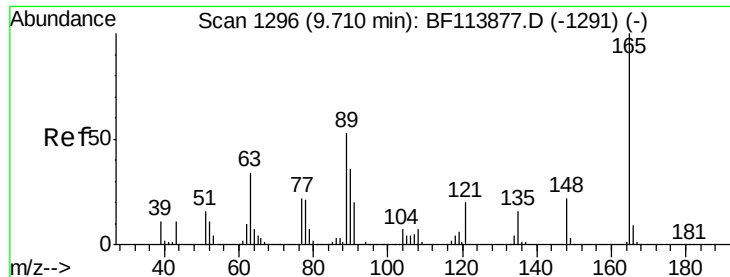


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

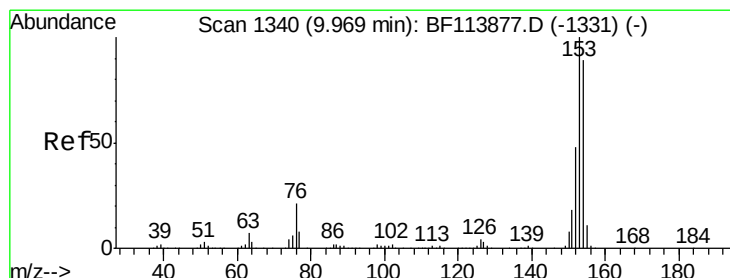
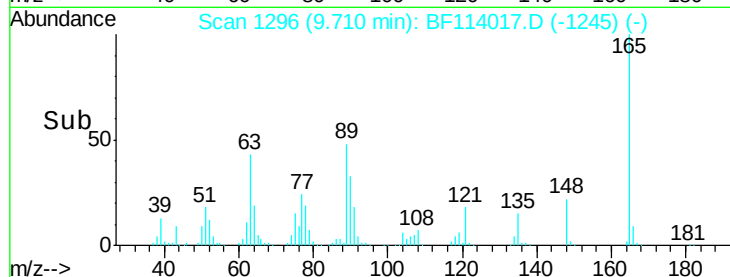
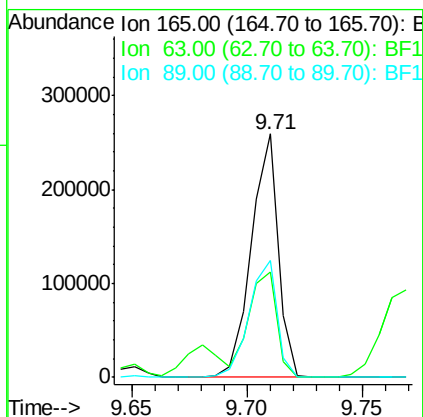
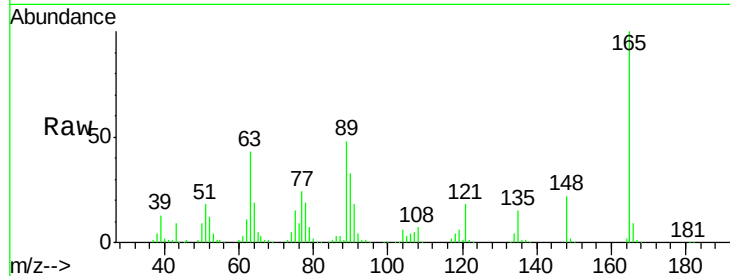




#51  
 2,6-Dinitrotoluene  
 Concen: 43.113 ng  
 RT: 9.71 min Scan# 1296  
 Delta R.T. 0.00 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

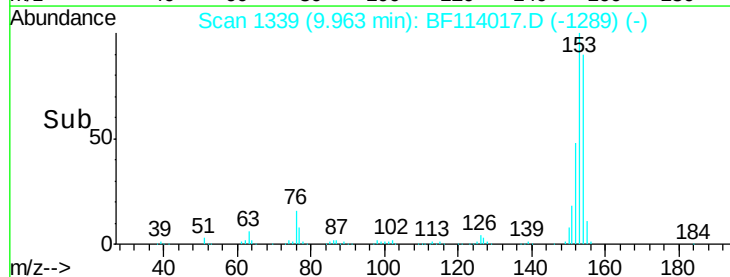
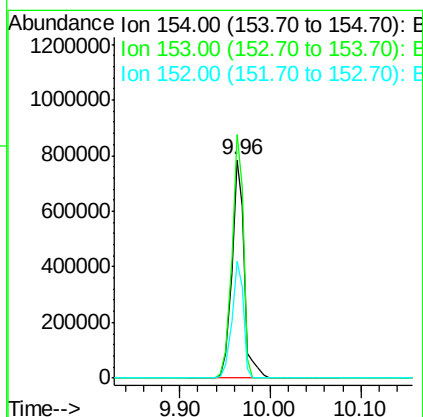
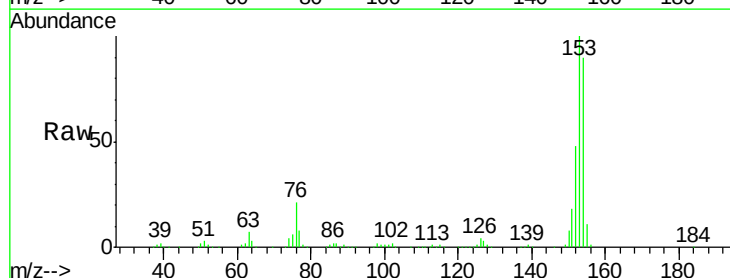
Instrument :  
 BNA\_F  
 ClientSampleId :

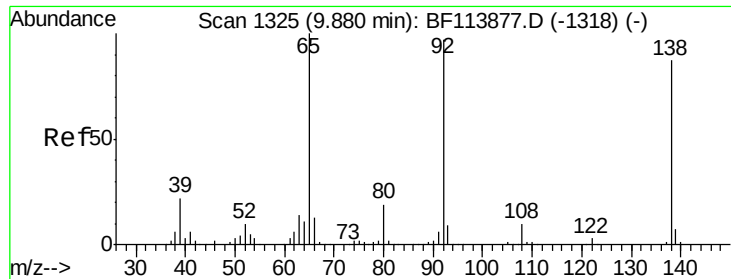
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.2  | 33.8  | 50.8  |
| 89      | 48.1  | 38.2  | 57.2  |



#52  
 Acenaphthene  
 Concen: 40.541 ng  
 RT: 9.96 min Scan# 1339  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.6 | 87.2  | 130.8 |
| 152     | 53.7  | 42.3  | 63.5  |

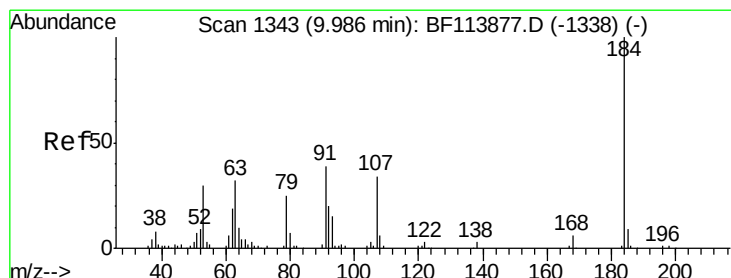
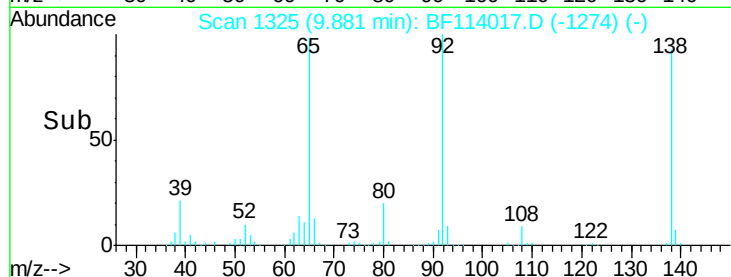
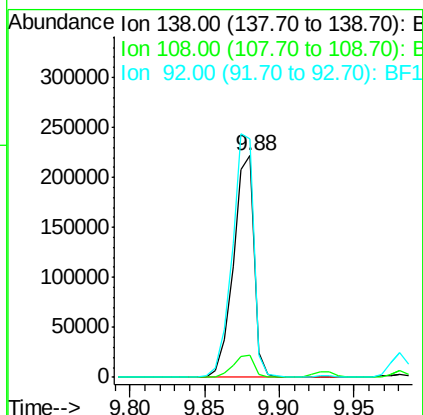
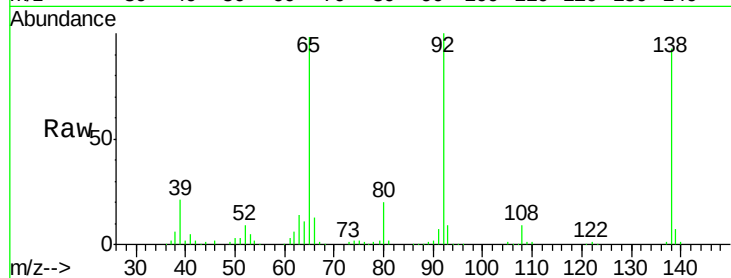




#53  
 3-Nitroaniline  
 Concen: 42.069 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. 0.00 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

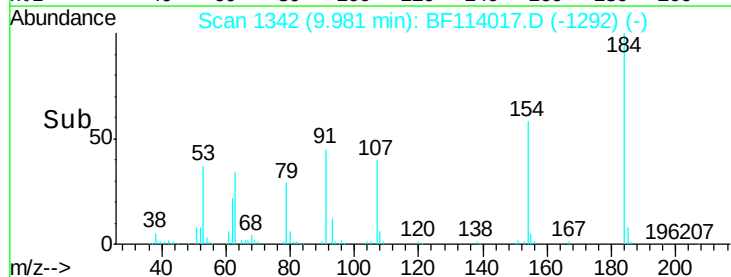
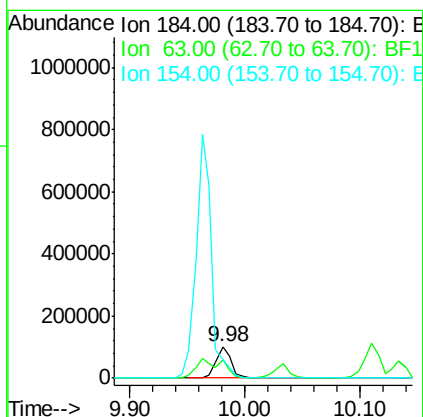
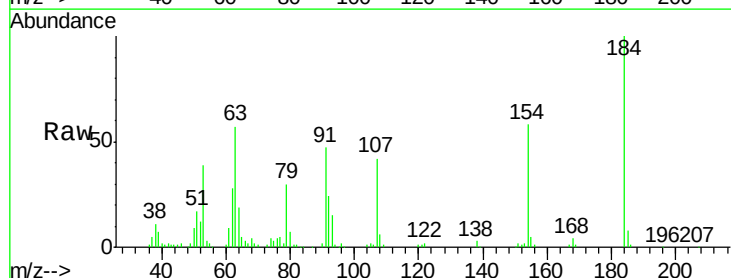
Instrument :  
 BNA\_F  
 ClientSampleId :

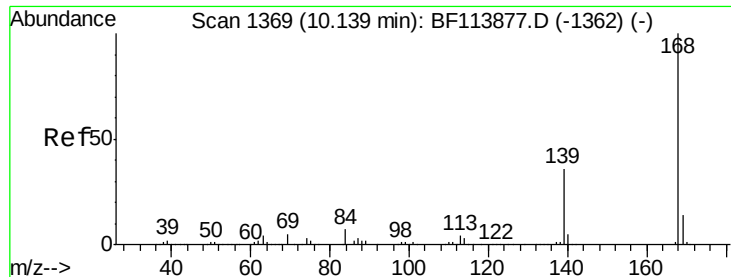
Tot Ion:138 Resp: 217630  
 Ion Ratio Lower Upper  
 138 100  
 108 9.8 9.4 14.2  
 92 107.9 94.1 141.1



#54  
 2,4-Dinitrophenol  
 Concen: 47.165 ng  
 RT: 9.98 min Scan# 1342  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:184 Resp: 92341  
 Ion Ratio Lower Upper  
 184 100  
 63 57.3 54.6 81.8  
 154 58.2 218.6 328.0#

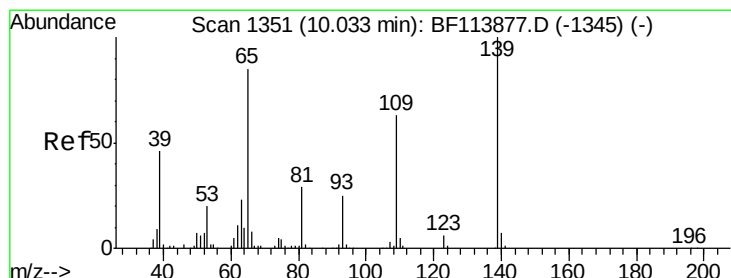
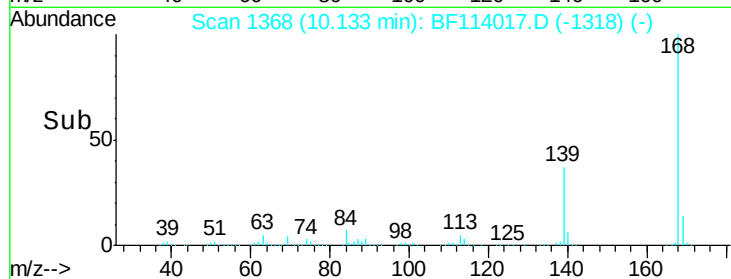
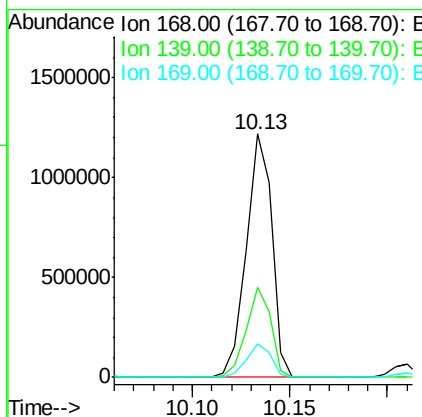
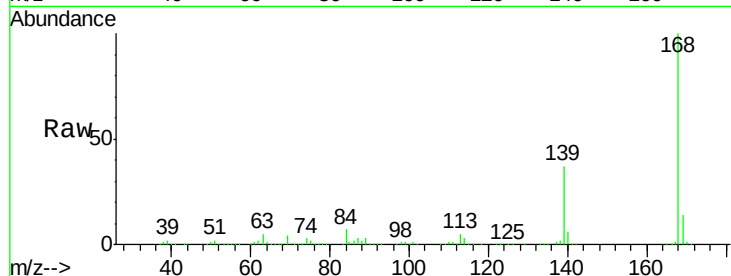




#55  
Dibenzofuran  
Concen: 40.472 ng  
RT: 10.13 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

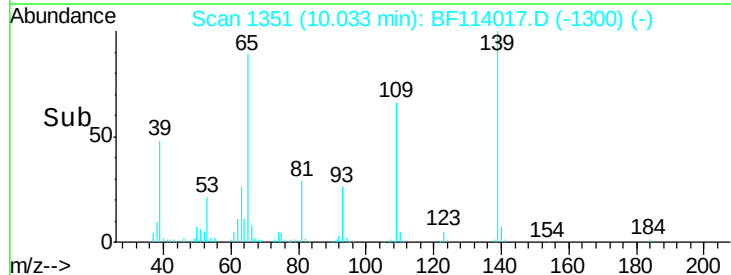
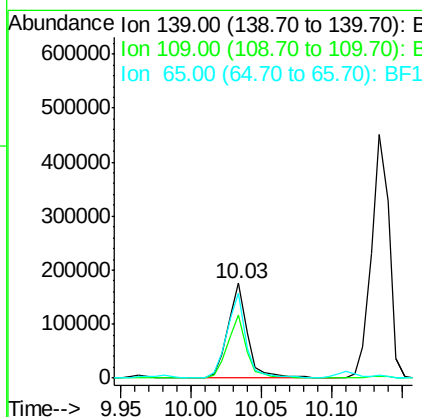
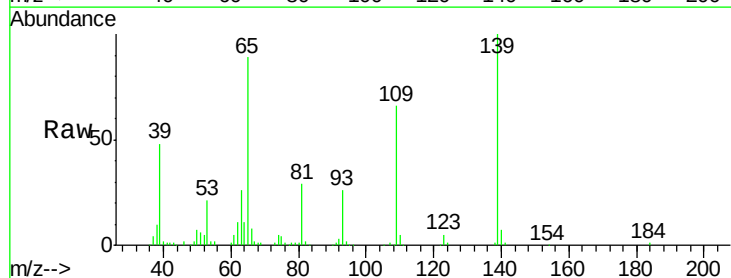
Instrument :  
BNA\_F  
ClientSampleId :

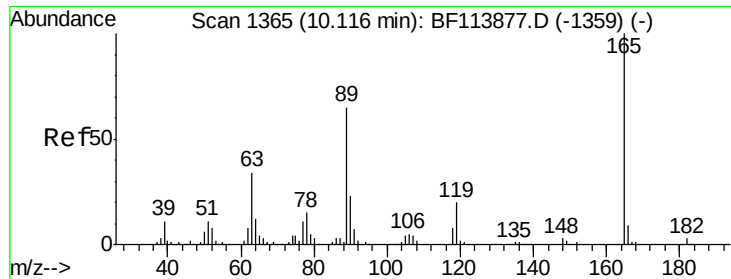
Tot Ion:168 Resp: 1105573  
Ion Ratio Lower Upper  
168 100  
139 37.0 27.8 41.6  
169 13.7 11.0 16.6



#56  
4-Nitrophenol  
Concen: 41.807 ng  
RT: 10.03 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Tgt Ion:139 Resp: 171241  
Ion Ratio Lower Upper  
139 100  
109 66.4 42.9 82.9  
65 89.1 64.4 104.4

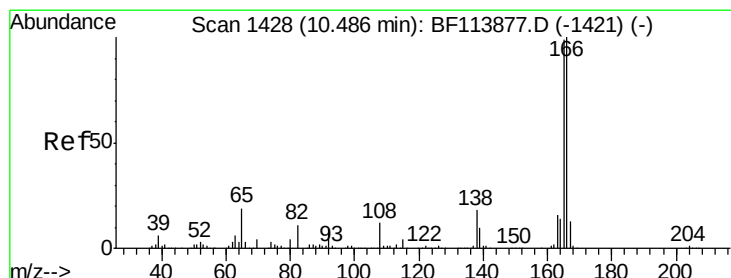
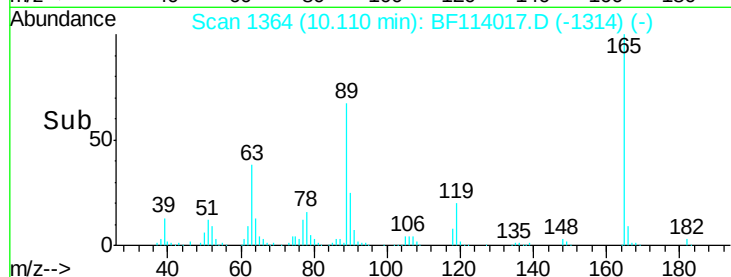
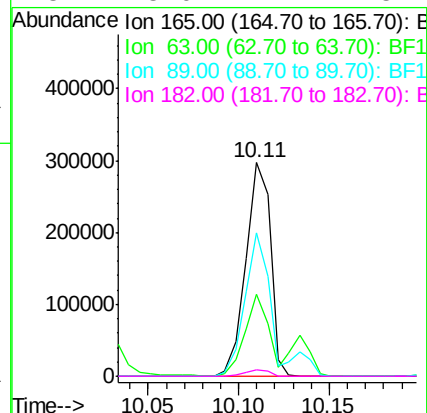
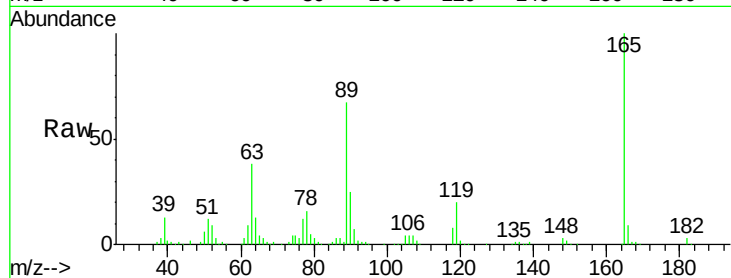




#57  
2,4-Dinitrotoluene  
Concen: 45.125 ng  
RT: 10.11 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

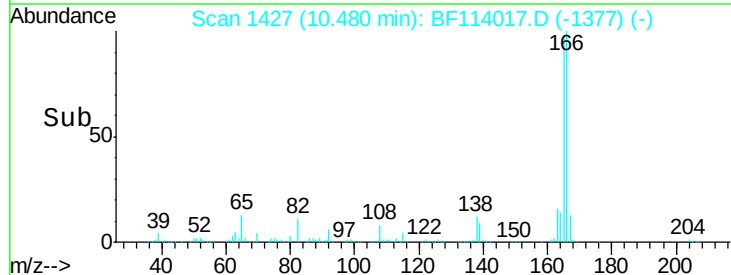
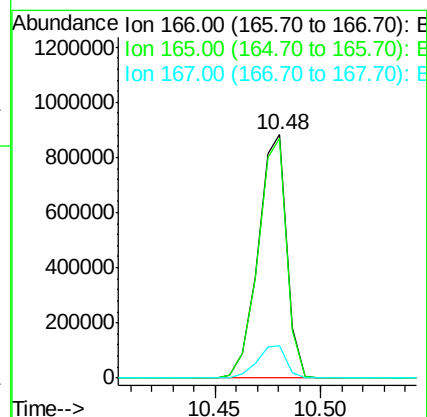
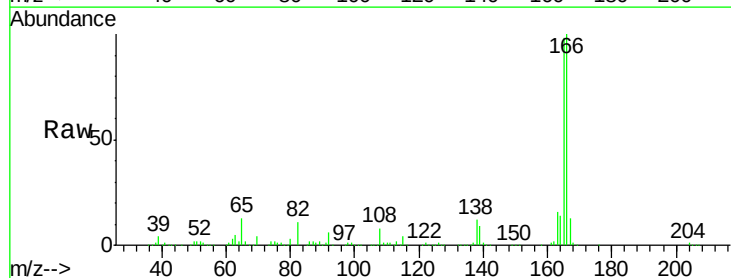
Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 38.3  | 27.4  | 41.0  |
| 89      | 66.9  | 51.8  | 77.6  |
| 182     | 3.0   | 2.2   | 3.2   |

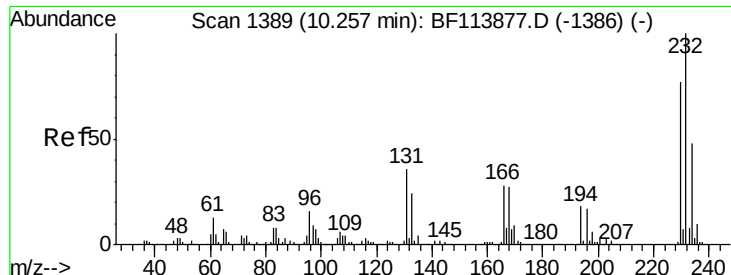


#58  
Fluorene  
Concen: 40.380 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.3  | 78.4  | 117.6 |
| 167     | 13.5  | 10.9  | 16.3  |



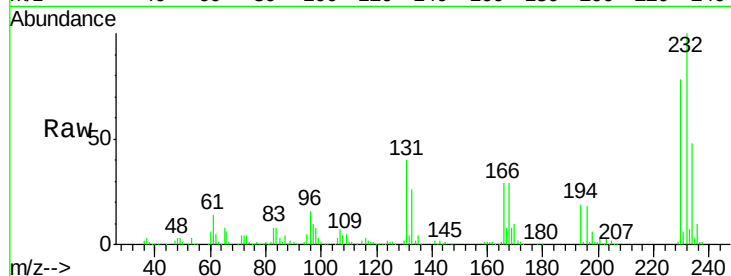




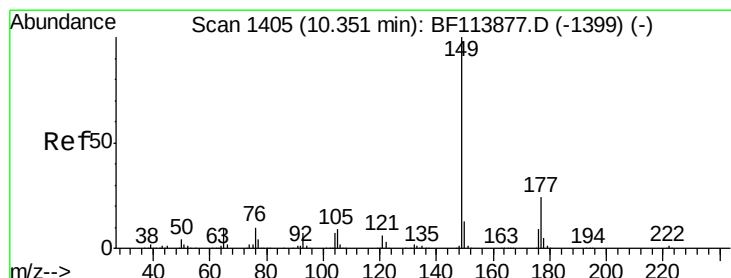
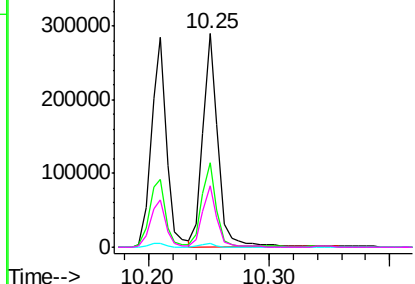
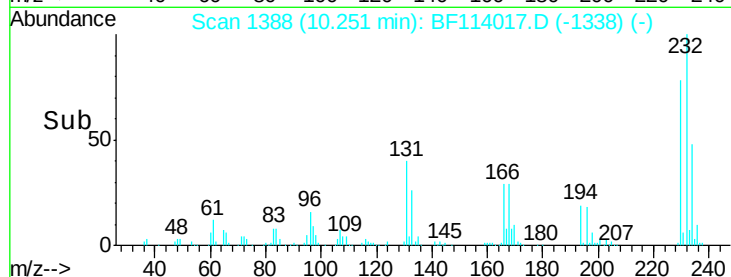
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.024 ng  
 RT: 10.25 min Scan# 1388  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:232 Resp: 251740  
 Ion Ratio Lower Upper  
 232 100  
 131 38.9 30.2 45.2  
 130 1.9 1.5 2.3  
 166 28.6 22.2 33.4

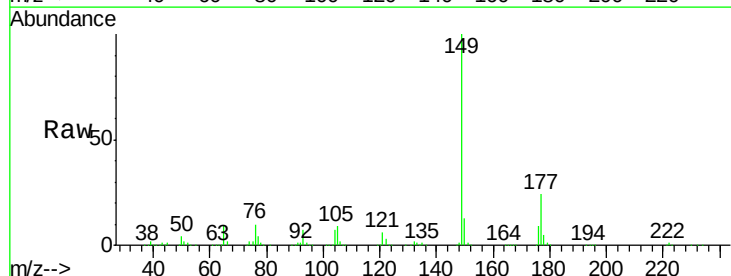


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

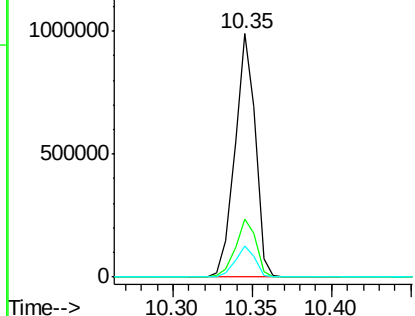
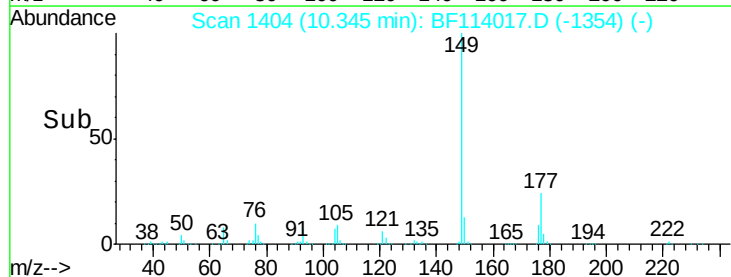


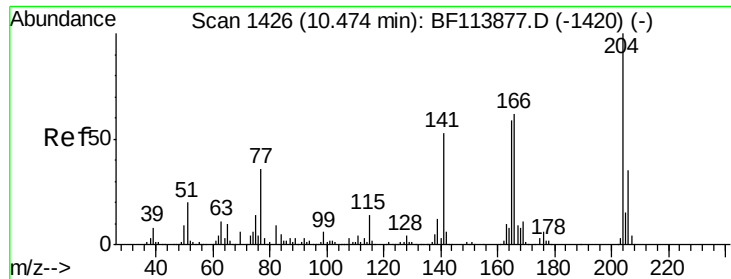
#60  
 Diethylphthalate  
 Concen: 40.429 ng  
 RT: 10.35 min Scan# 1404  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:149 Resp: 880975  
 Ion Ratio Lower Upper  
 149 100  
 177 23.6 19.2 28.8  
 150 12.8 10.3 15.5



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

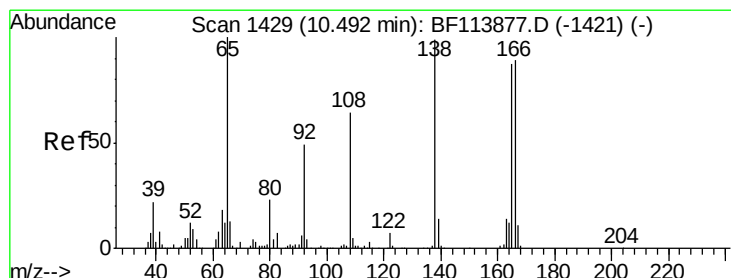
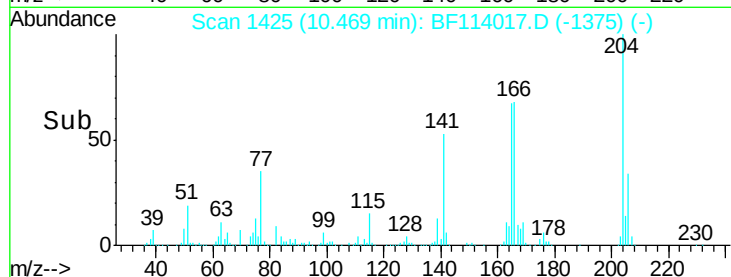
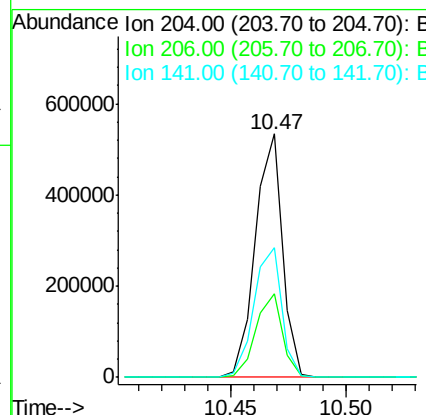
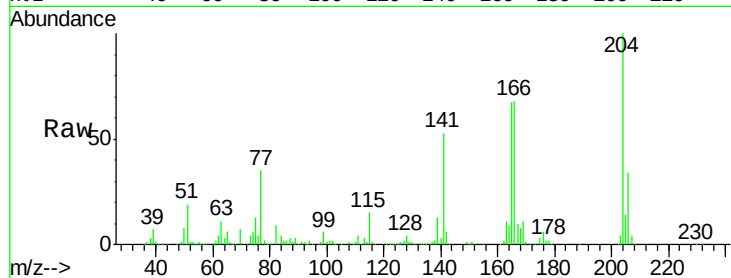




#61  
4-Chlorophenyl-phenylether  
Concen: 40.399 ng  
RT: 10.47 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

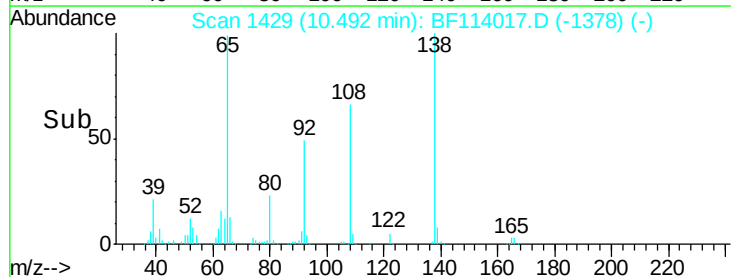
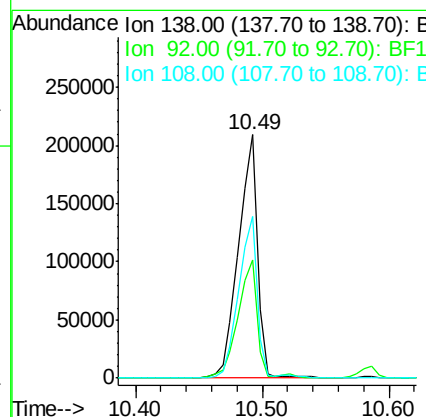
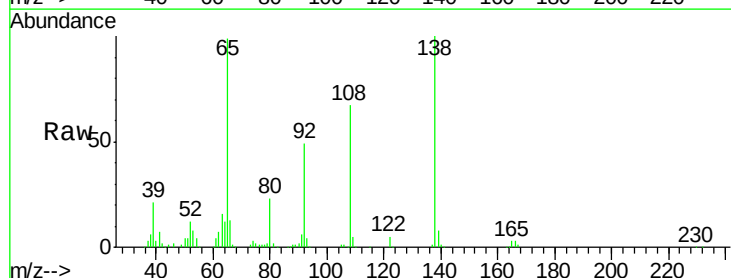
Instrument :  
BNA\_F  
ClientSampleId :

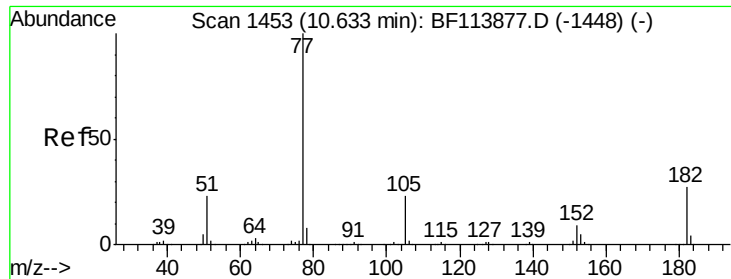
Tot Ion:204 Resp: 440018  
Ion Ratio Lower Upper  
204 100  
206 34.1 27.4 41.2  
141 53.4 42.6 63.8



#62  
4-Nitroaniline  
Concen: 42.935 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. 0.00 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Tgt Ion:138 Resp: 216749  
Ion Ratio Lower Upper  
138 100  
92 48.5 31.3 71.3  
108 66.6 48.9 88.9





#63

Azobenzene

Concen: 39.694 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

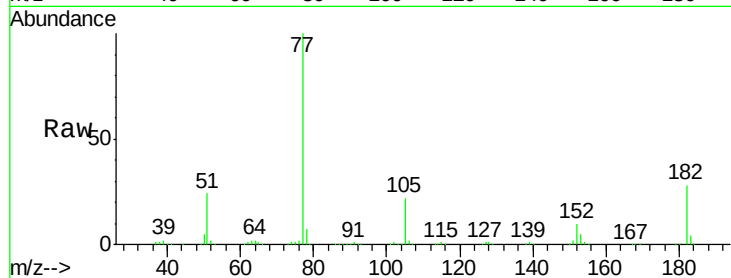
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 77 Resp: 838317

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 27.9  | 4.4   | 44.4  |
| 105 | 22.1  | 2.2   | 42.2  |
| 51  | 23.6  | 3.9   | 43.9  |

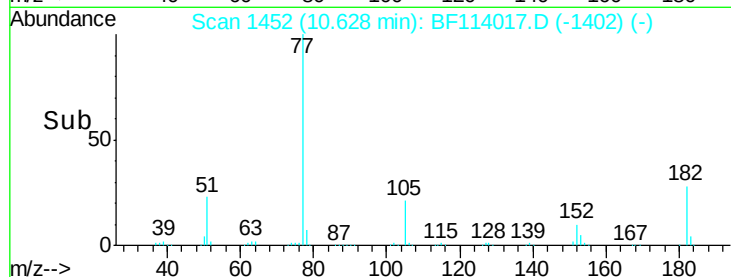


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

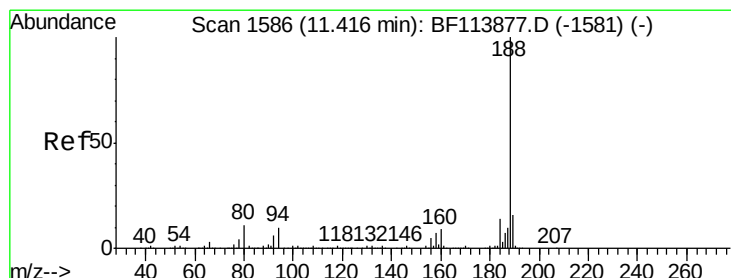
Ion 51.00 (50.70 to 51.70): BF1

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

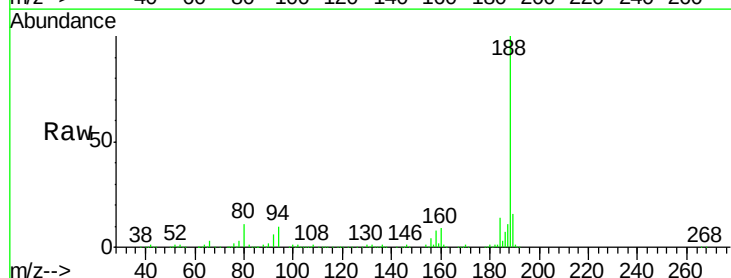
Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Tgt Ion: 188 Resp: 622819

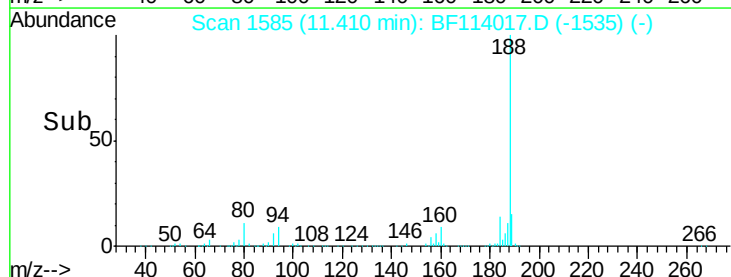
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.6   | 8.2   | 12.4  |
| 80  | 11.0  | 9.0   | 13.6  |



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Abundance Ion 188.00 (187.70 to 188.70): BF1

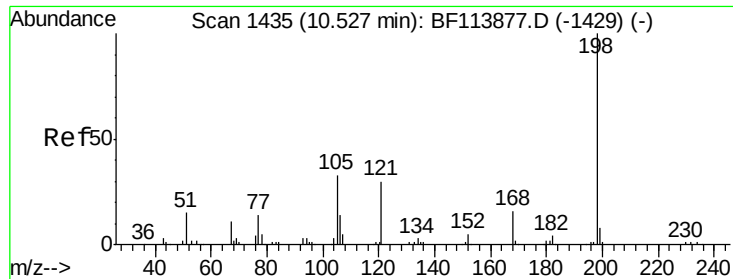
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 45.340 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

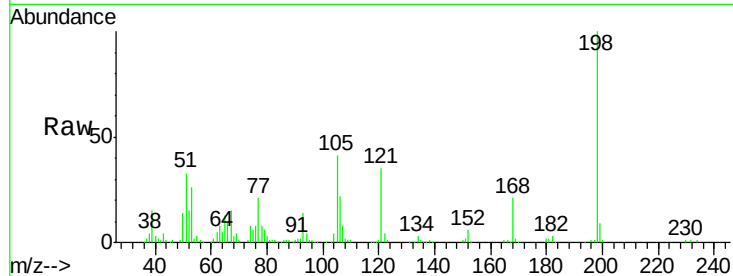
Tot Ion:198 Resp: 128066

Ion Ratio Lower Upper

198 100

51 33.1 11.1 51.1

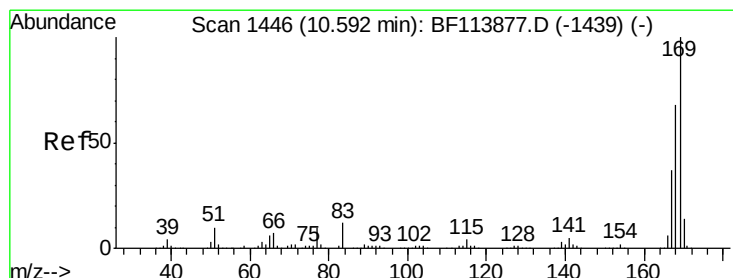
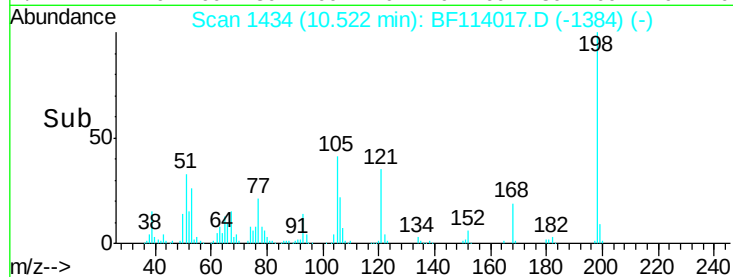
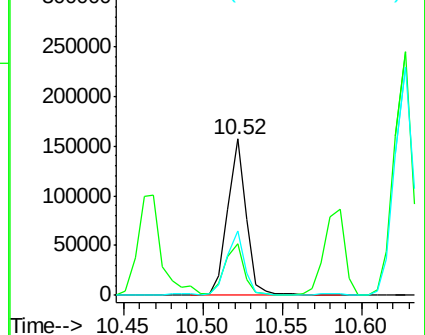
105 41.0 20.7 60.7



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: 39.784 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

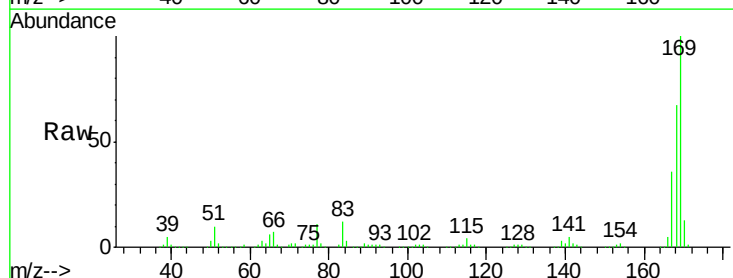
Tgt Ion:169 Resp: 743473

Ion Ratio Lower Upper

169 100

168 66.6 54.3 81.5

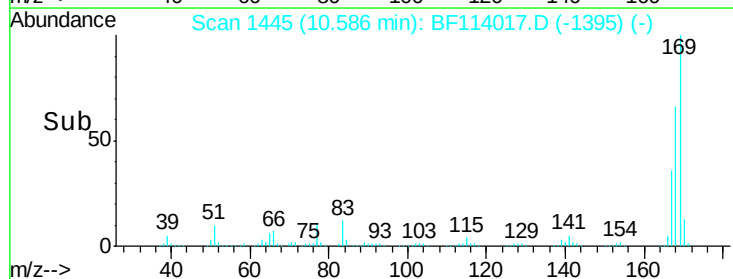
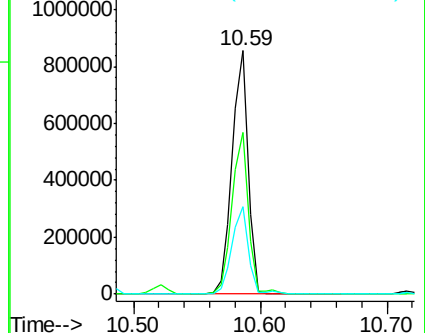
167 36.0 29.4 44.0

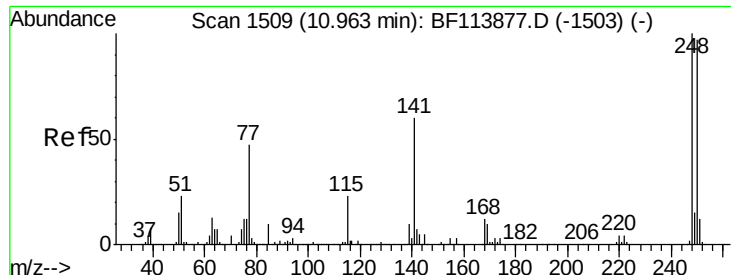


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

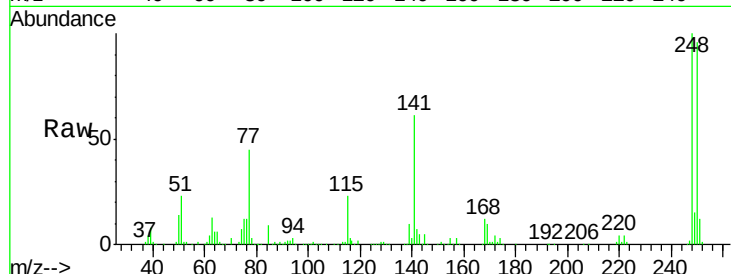




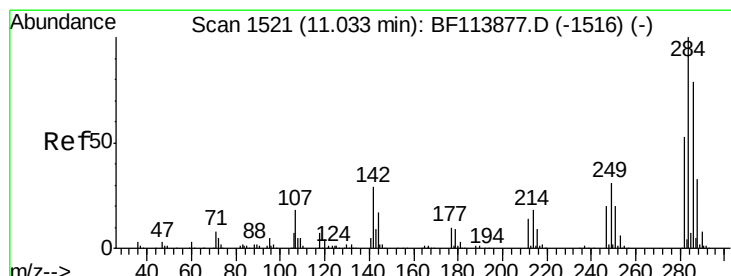
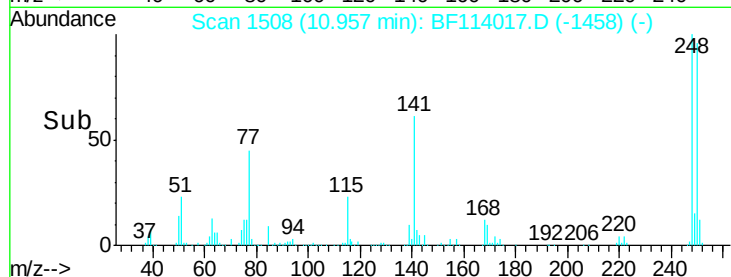
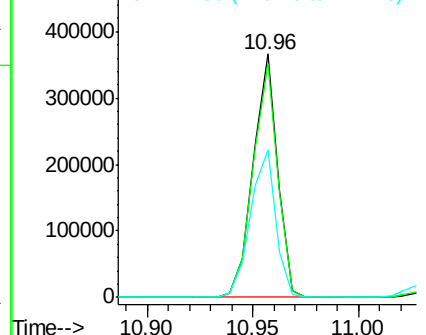
#67  
 4-Bromophenyl-phenylether  
 Concen: 39.166 ng  
 RT: 10.96 min Scan# 1508  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:248 Resp: 294684  
 Ion Ratio Lower Upper  
 248 100  
 250 96.0 75.8 113.6  
 141 60.9 50.2 75.4

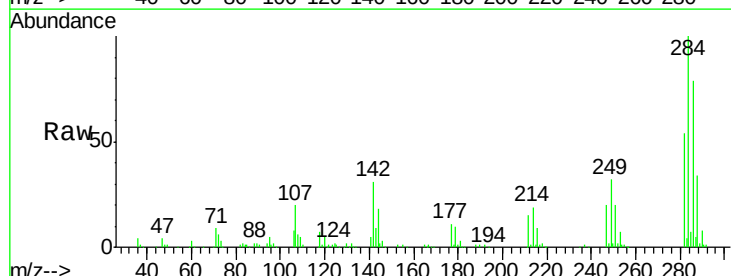


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

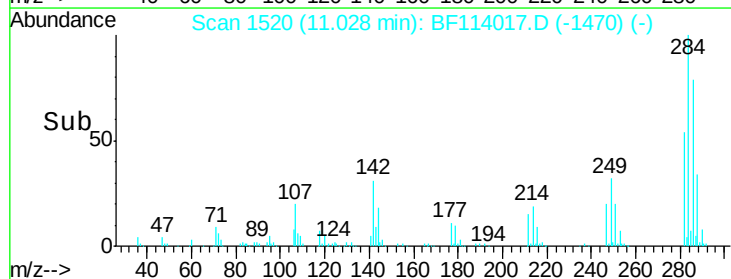
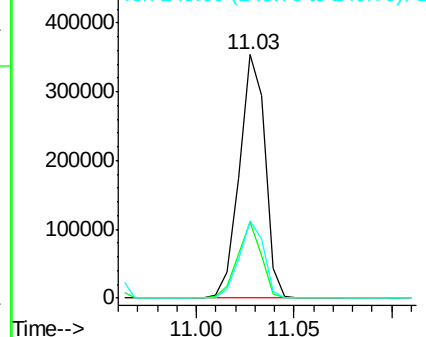


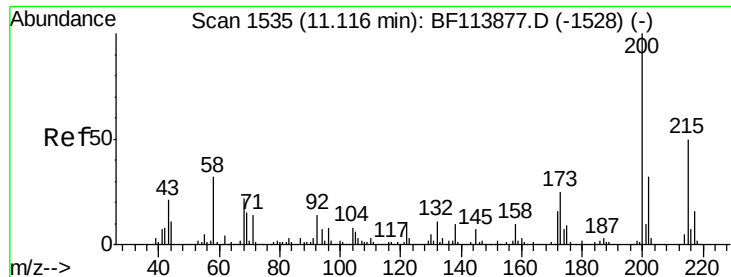
#68  
 Hexachlorobenzene  
 Concen: 38.969 ng  
 RT: 11.03 min Scan# 1520  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:284 Resp: 322197  
 Ion Ratio Lower Upper  
 284 100  
 142 31.3 23.0 34.4  
 249 31.8 24.4 36.6



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: 39.123 ng

RT: 11.11 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

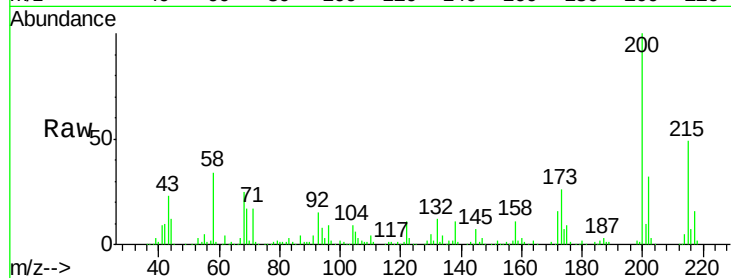
Tot Ion:200 Resp: 237839

Ion Ratio Lower Upper

200 100

173 26.3 5.9 45.9

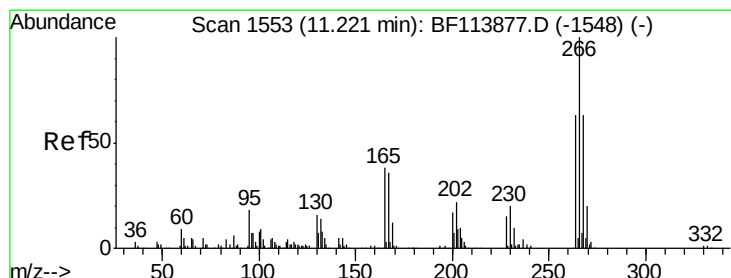
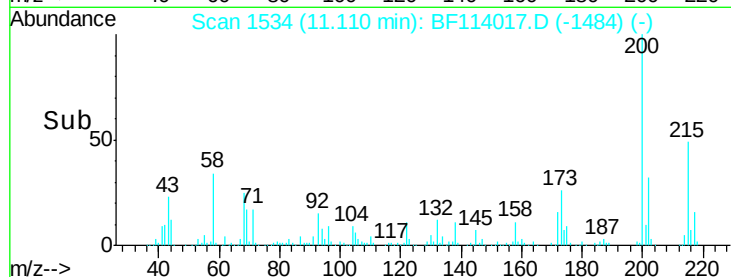
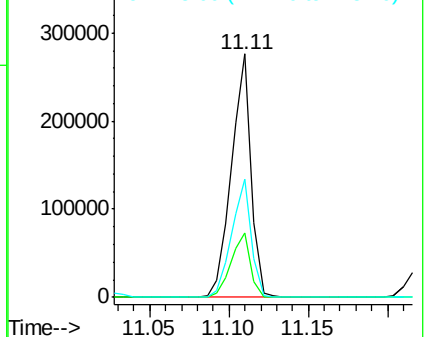
215 48.6 29.3 69.3



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: 40.380 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

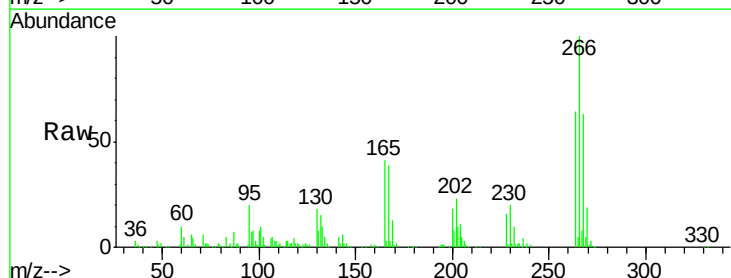
Tgt Ion:266 Resp: 189029

Ion Ratio Lower Upper

266 100

268 63.0 53.5 80.3

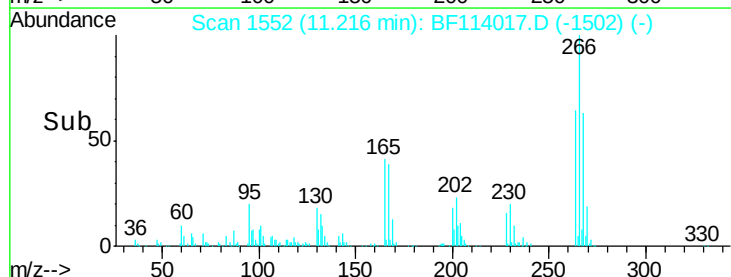
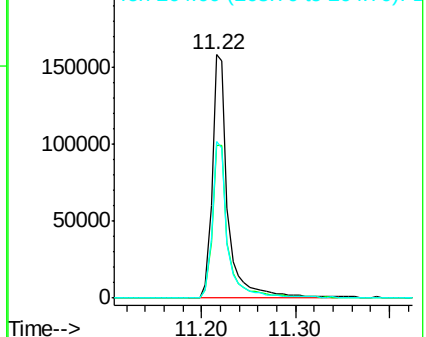
264 64.4 51.0 76.6

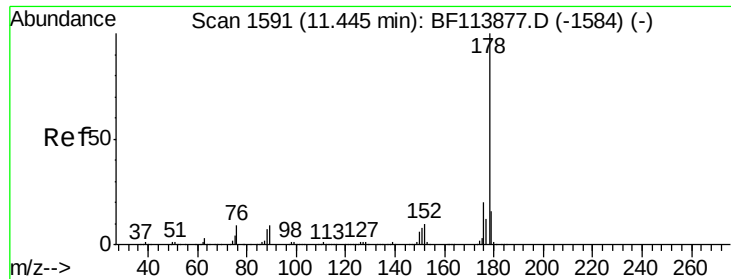


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.041 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

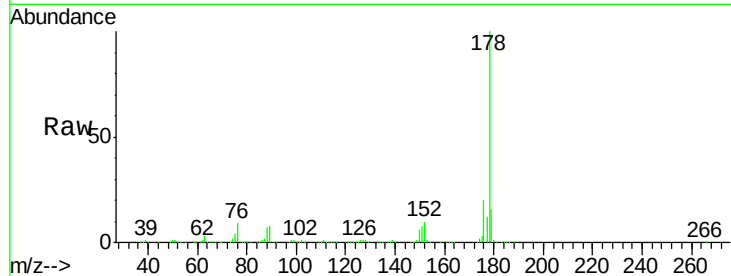
Tot Ion:178 Resp: 1253278

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

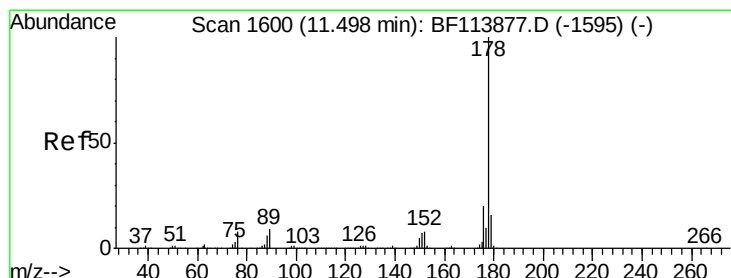
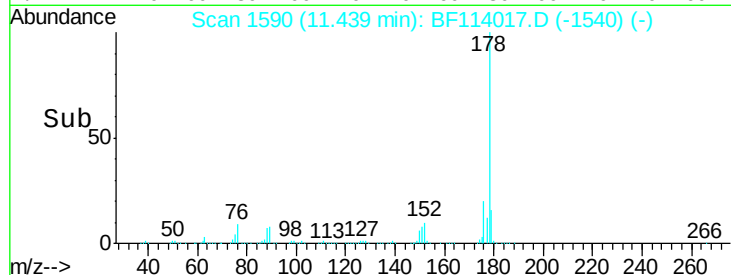
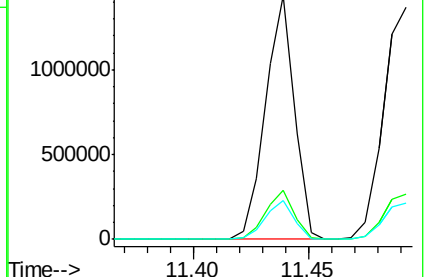
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.220 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

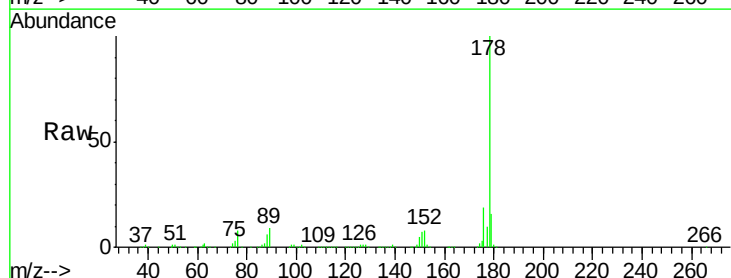
Tgt Ion:178 Resp: 1271267

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

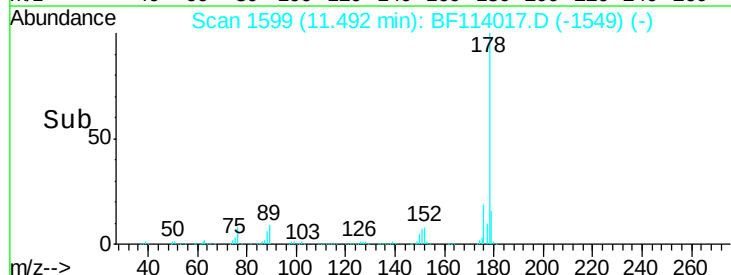
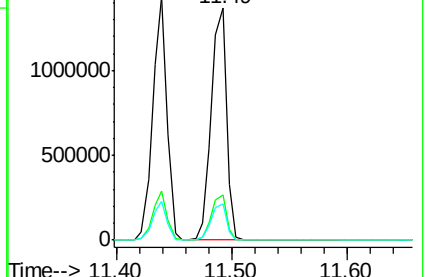
179 15.9 13.0 19.4

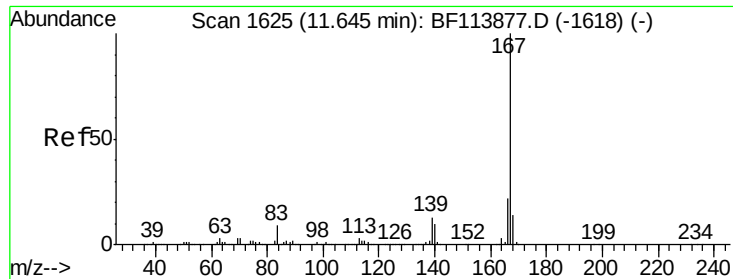


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



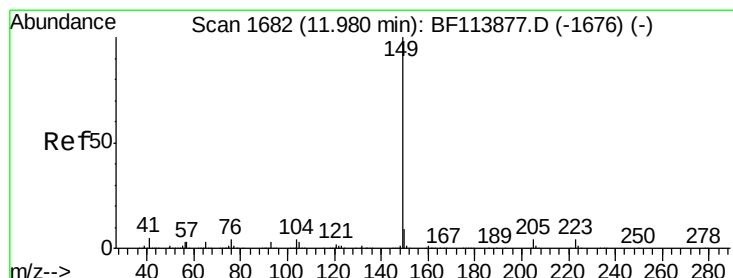
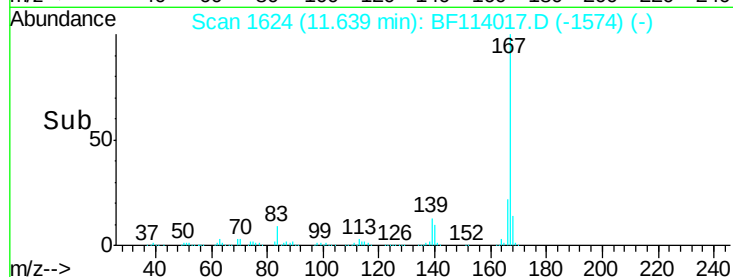
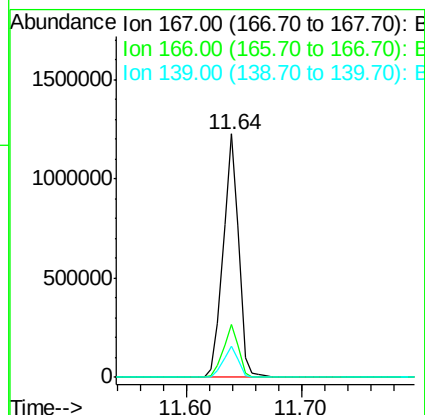
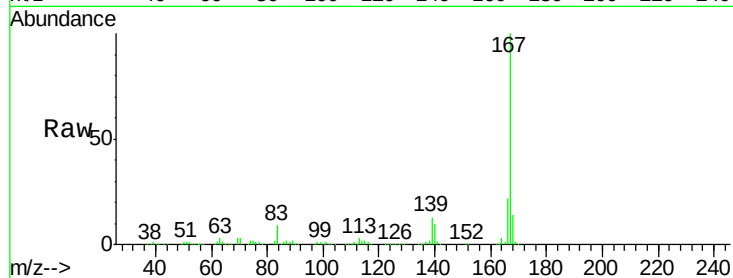


#73  
 Carbazole  
 Concen: 40.511 ng  
 RT: 11.64 min Scan# 1624  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:167 Resp: 1142380  

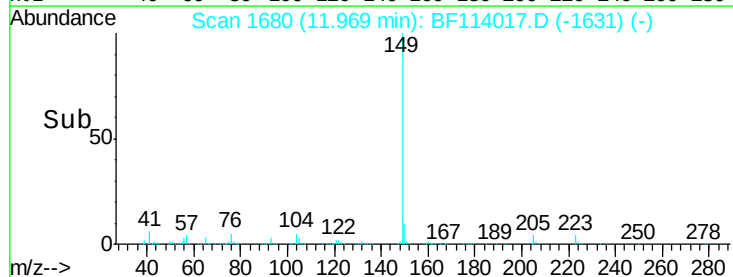
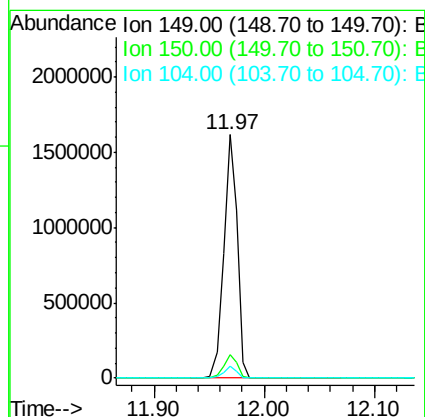
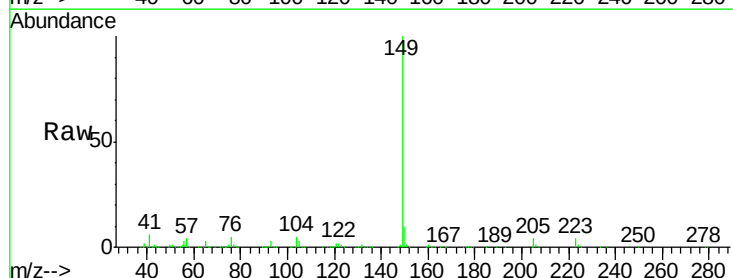
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.7  | 26.5  |
| 139 | 13.0  | 10.0  | 15.0  |



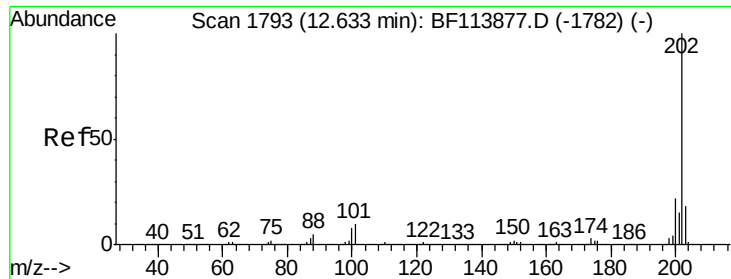
#74  
 Di-n-butylphthalate  
 Concen: 41.238 ng  
 RT: 11.97 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:149 Resp: 1367926  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.8   | 7.8   | 11.8  |
| 104 | 5.0   | 3.8   | 5.8   |





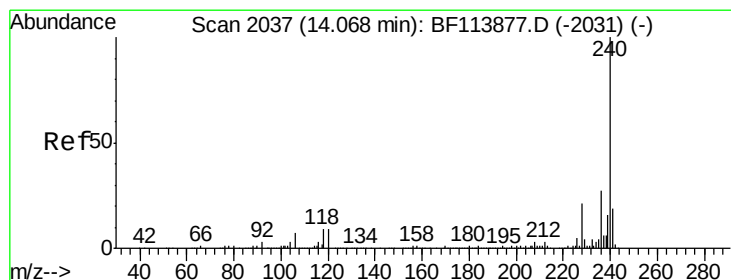
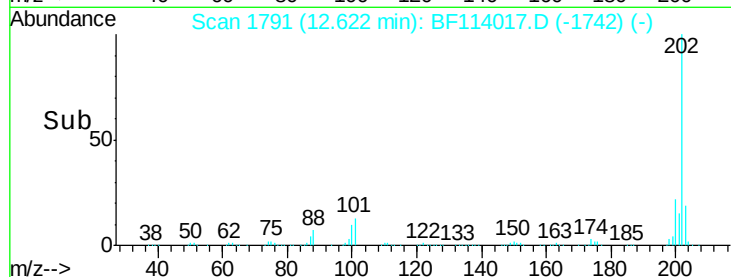
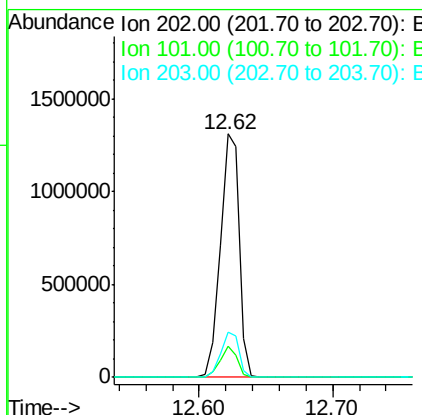
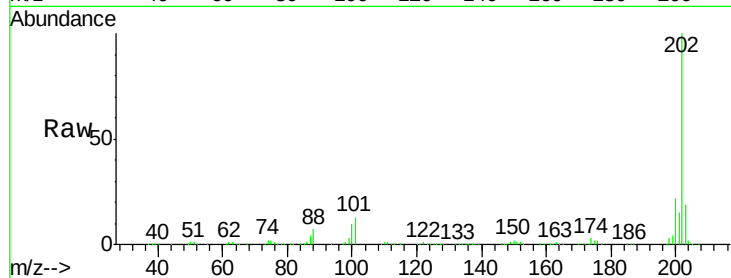


#75  
 Fluoranthene  
 Concen: 38.261 ng  
 RT: 12.62 min Scan# 1791  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:202 Resp: 1306579  

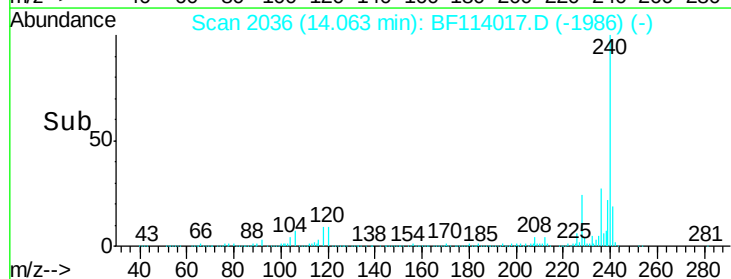
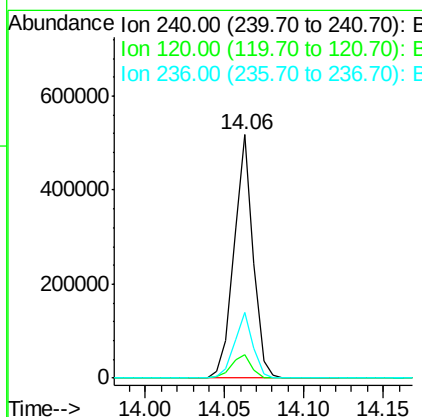
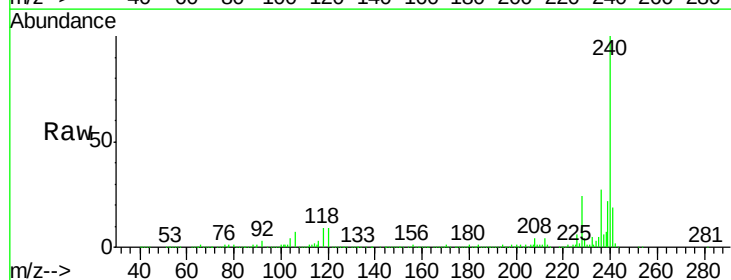
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.8  | 0.0   | 32.9  |
| 203 | 18.8  | 0.0   | 38.2  |

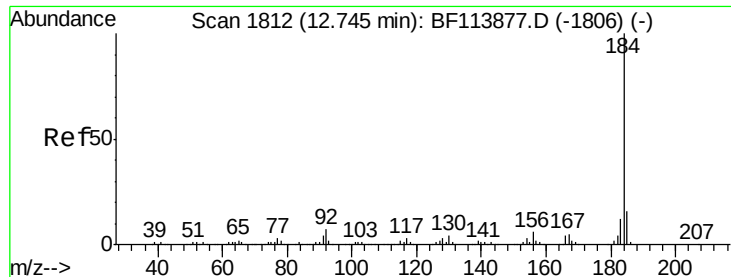


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.06 min Scan# 2036  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:240 Resp: 431307  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 9.4   | 9.3   | 13.9  |
| 236 | 26.8  | 21.2  | 31.8  |





#77

Benzidine

Concen: 39.481 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

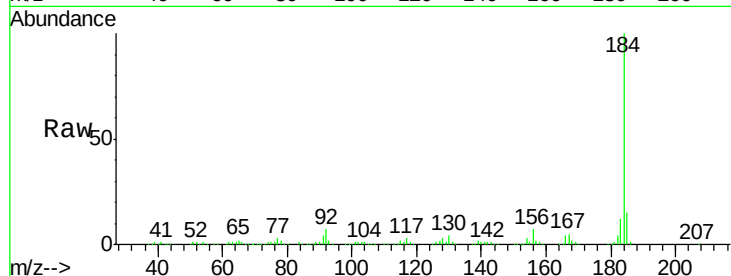
Tot Ion:184 Resp: 507377

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

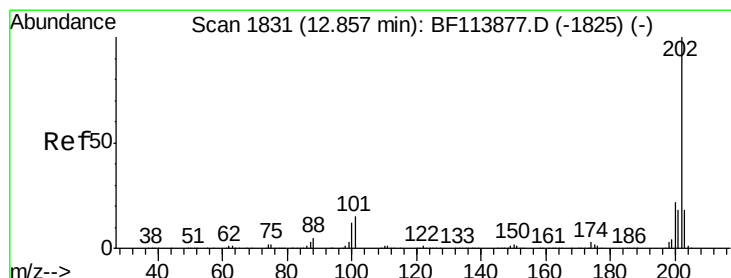
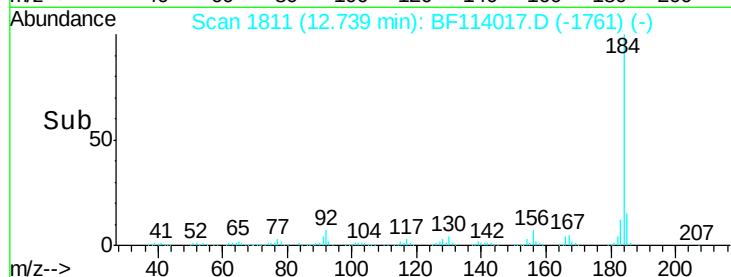
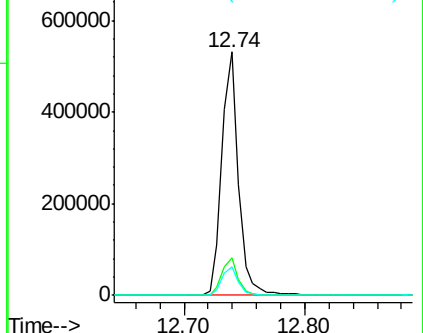
183 11.9 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.874 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

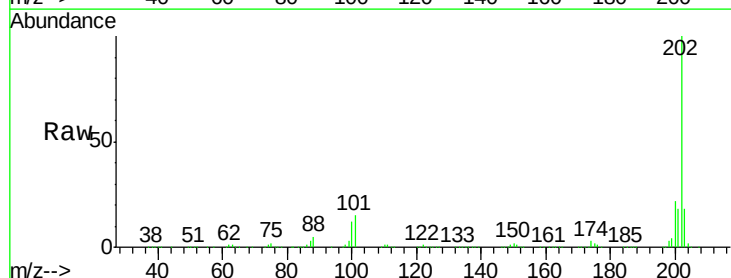
Tgt Ion:202 Resp: 1323333

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

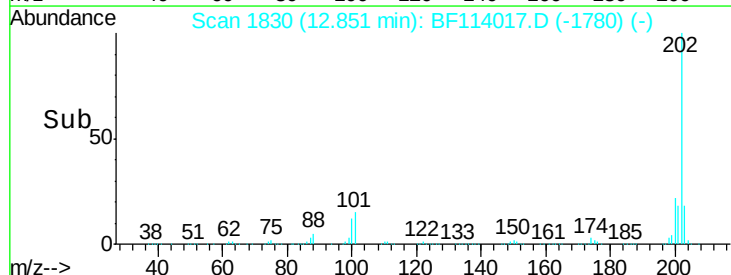
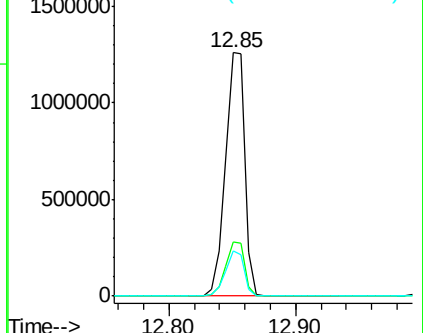
203 18.3 15.0 22.6

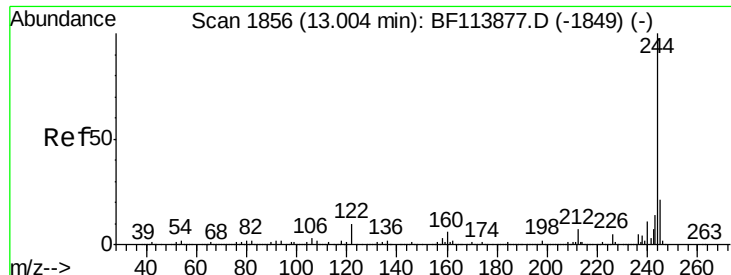


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.414 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

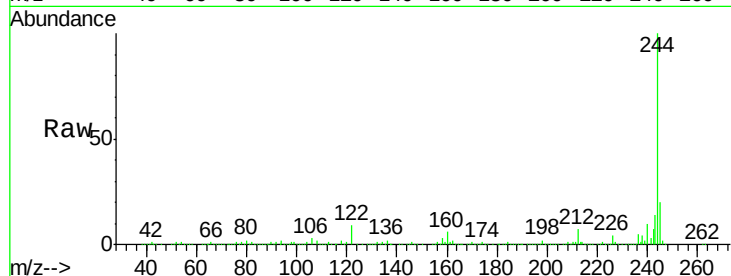
Tot Ion:244 Resp: 1881099

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

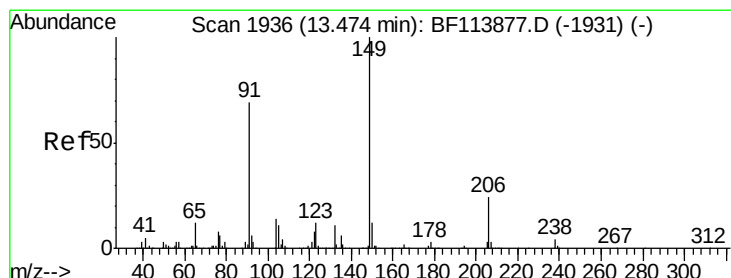
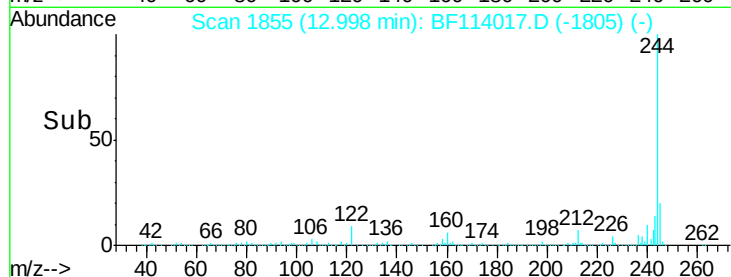
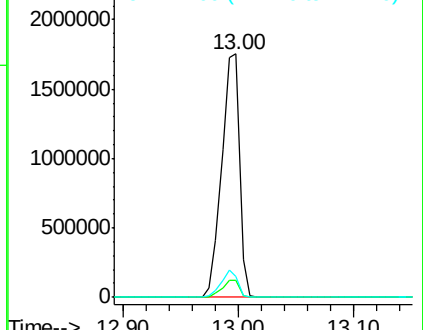
122 8.7 7.6 11.4



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: 45.837 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

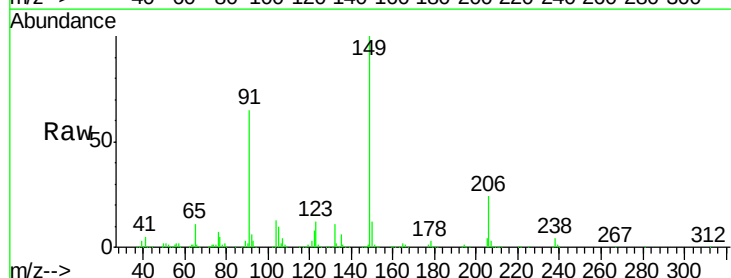
Tgt Ion:149 Resp: 543953

Ion Ratio Lower Upper

149 100

91 65.2 56.3 84.5

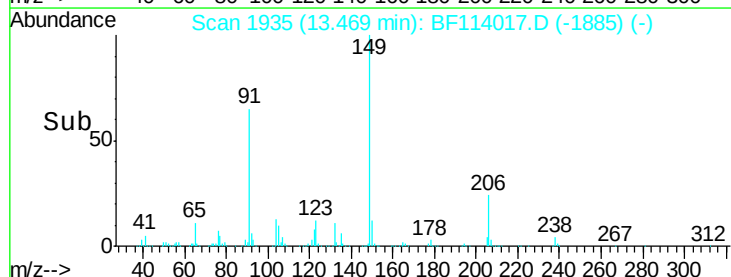
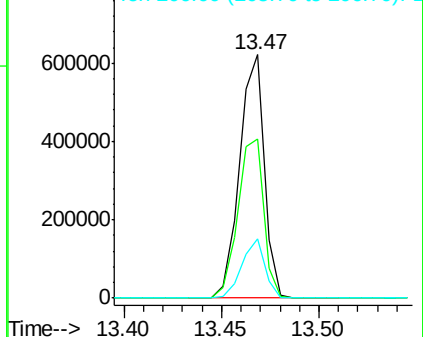
206 24.4 19.0 28.6

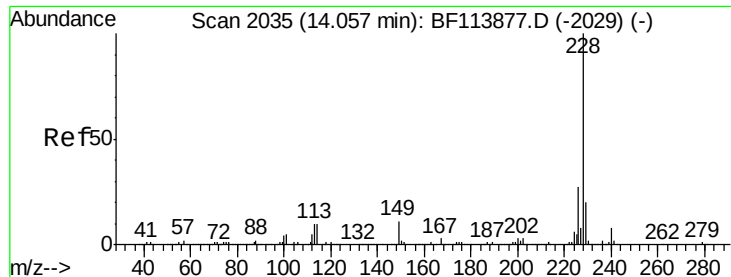


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.973 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampleId :

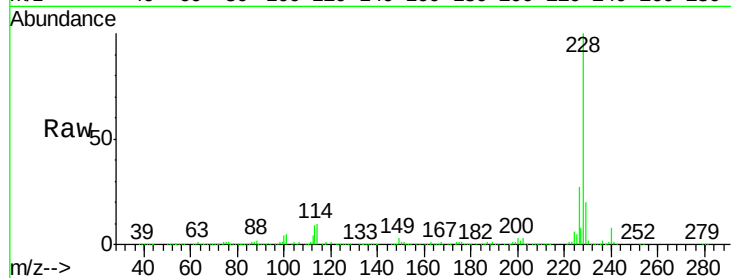
Tot Ion:228 Resp: 1117442

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.3  | 22.2  | 33.2  |
| 229 | 20.3  | 16.0  | 24.0  |

228 100

226 27.3 22.2 33.2

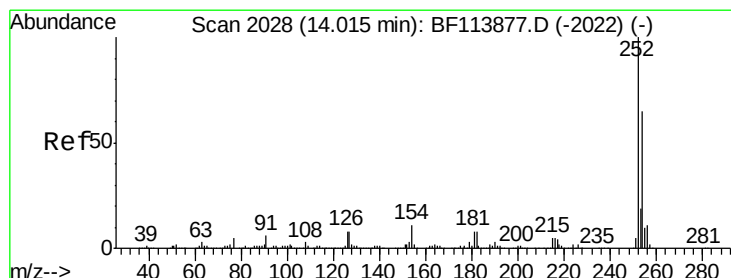
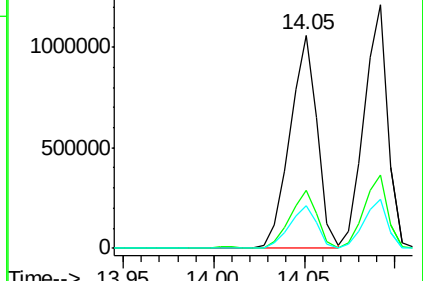
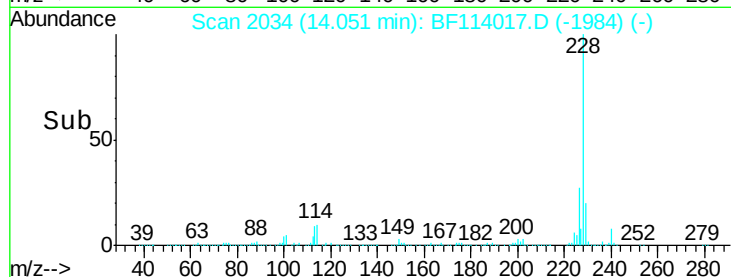
229 20.3 16.0 24.0



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: 45.520 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

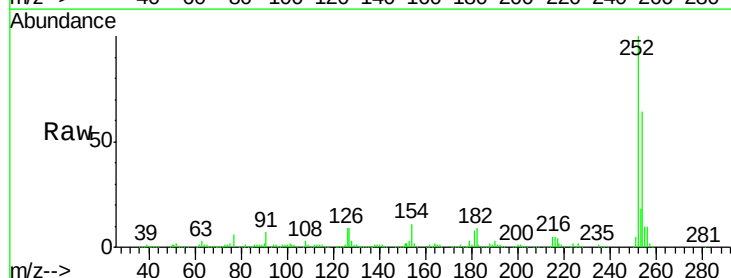
Tgt Ion:252 Resp: 423980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.4  | 52.1  | 78.1  |
| 126 | 9.3   | 9.3   | 13.9  |

252 100

254 64.4 52.1 78.1

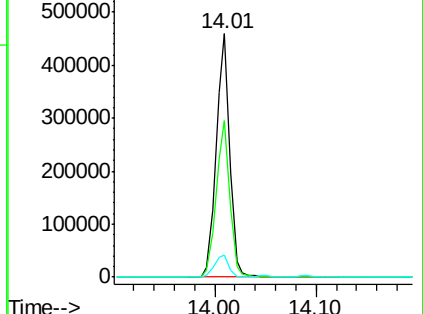
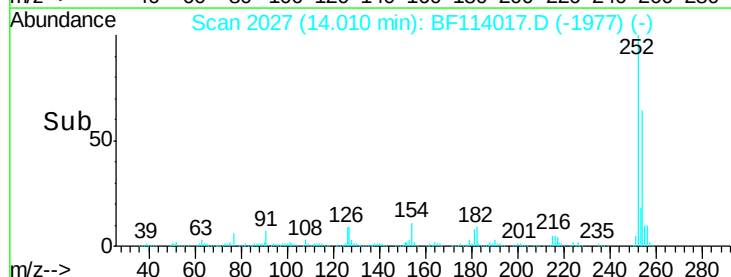
126 9.3 9.3 13.9

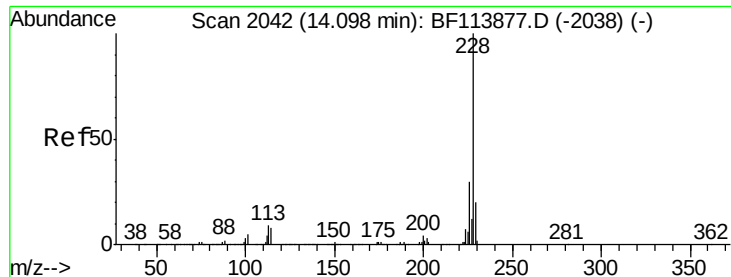


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



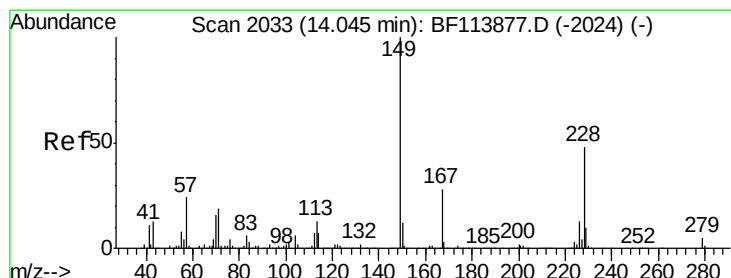
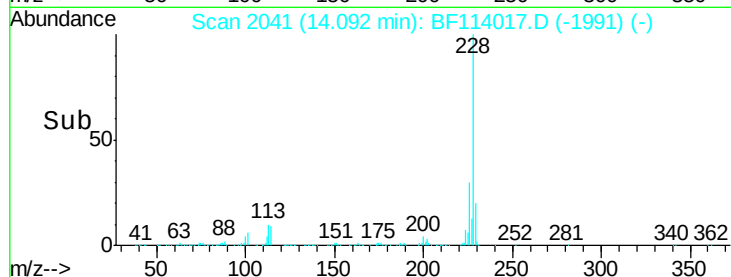
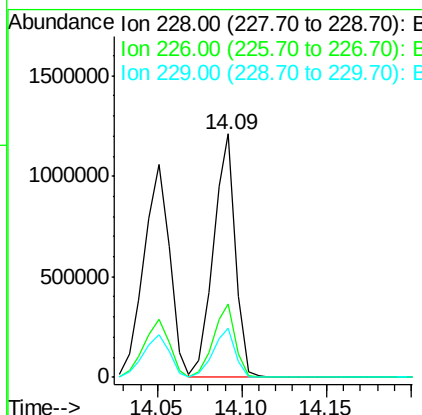
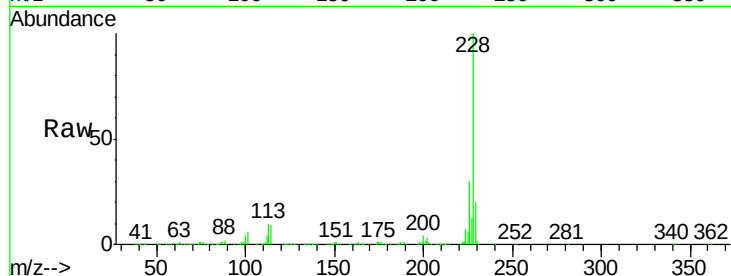


#83  
 Chrysene  
 Concen: 44.275 ng  
 RT: 14.09 min Scan# 2041  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:228 Resp: 1095740  

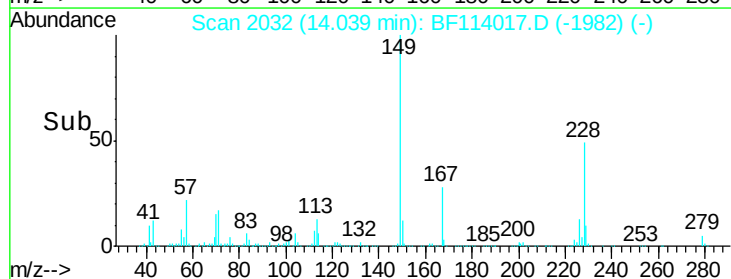
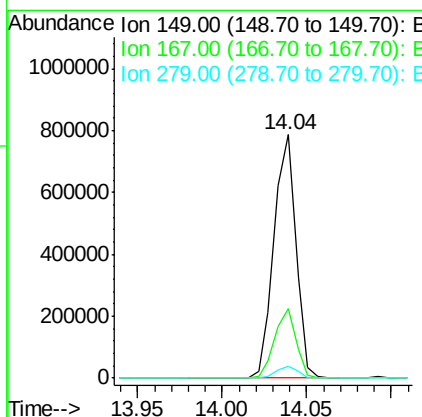
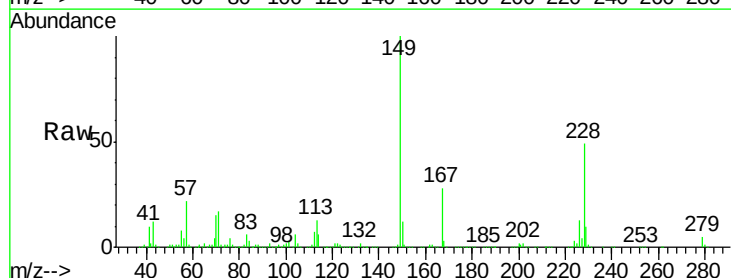
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.3  | 25.2  | 37.8  |
| 229 | 19.9  | 16.7  | 25.1  |

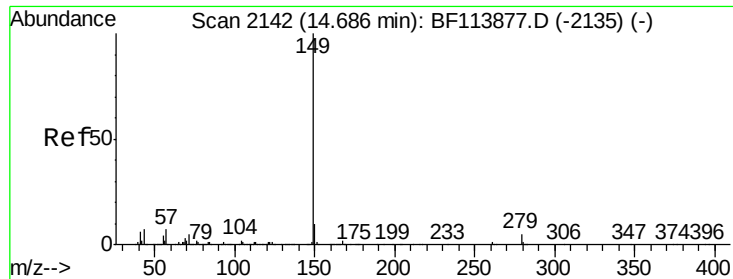


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.050 ng  
 RT: 14.04 min Scan# 2032  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:149 Resp: 710399  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.5  | 22.9  | 34.3  |
| 279 | 4.9   | 4.2   | 6.2   |



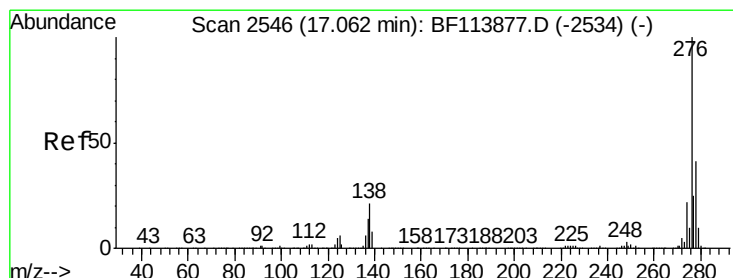
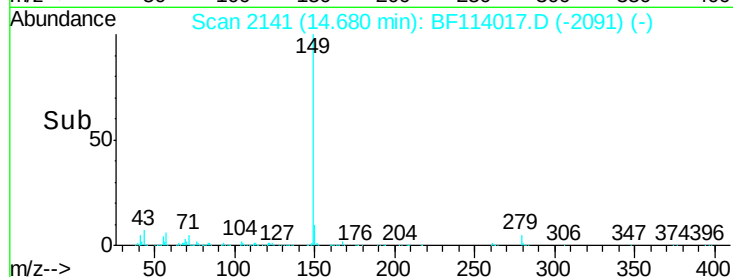
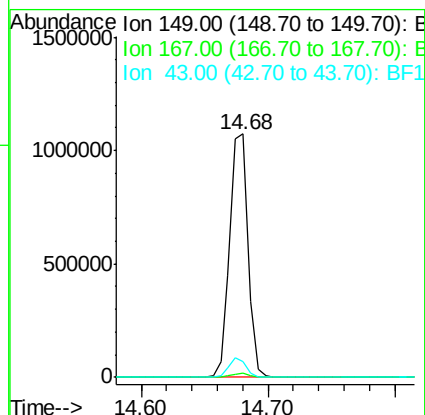
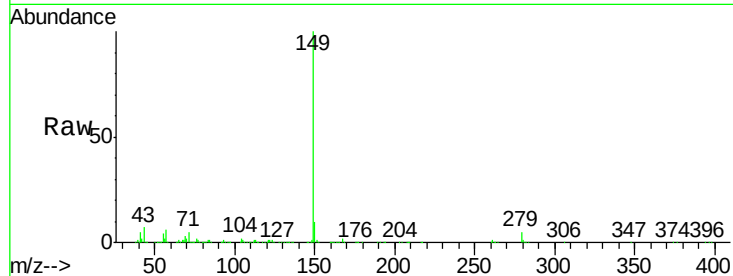


#85  
 Di-n-octyl phthalate  
 Concen: 45.368 ng  
 RT: 14.68 min Scan# 2141  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:149 Resp: 1072186  

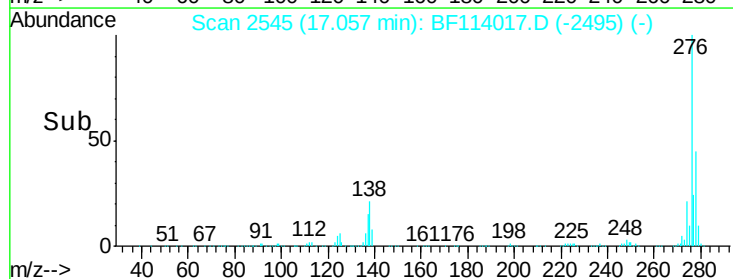
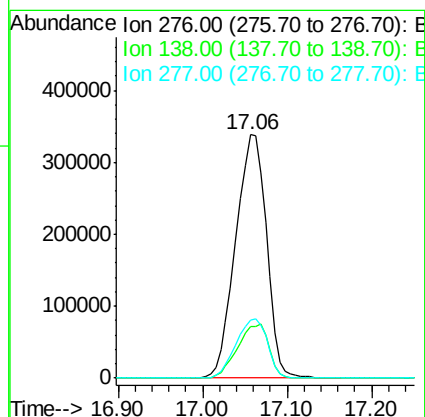
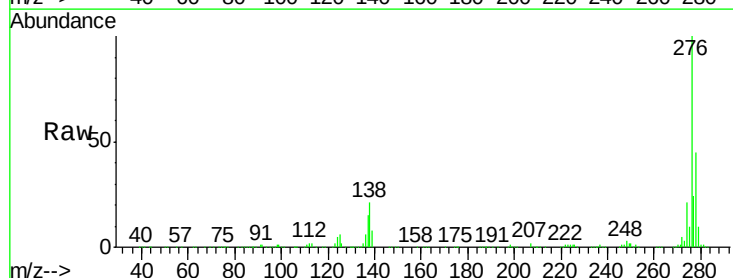
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.3   | 1.9   |
| 43  | 7.6   | 6.6   | 10.0  |

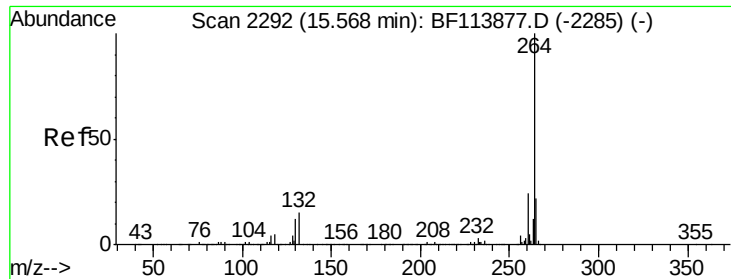


#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 36.614 ng  
 RT: 17.06 min Scan# 2545  
 Delta R.T. -0.01 min  
 Lab File: BF114017.D  
 Acq: 29 Apr 2019 11:45

Tgt Ion:276 Resp: 858325  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 22.7  | 19.6  | 29.4  |
| 277 | 24.9  | 20.2  | 30.4  |

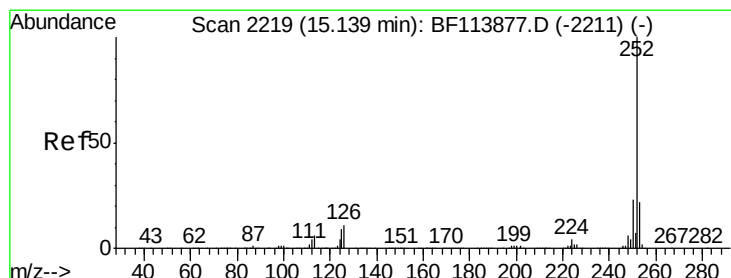
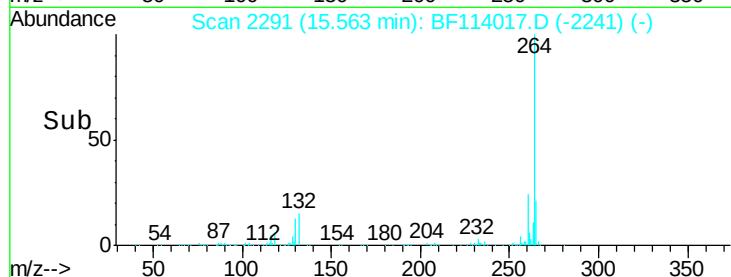
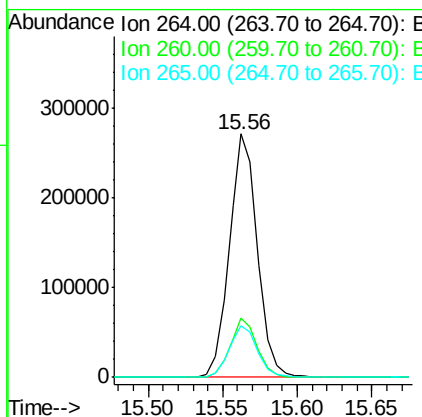
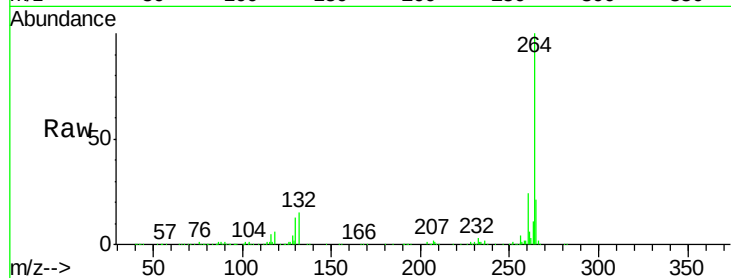




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.56 min Scan# 2291  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

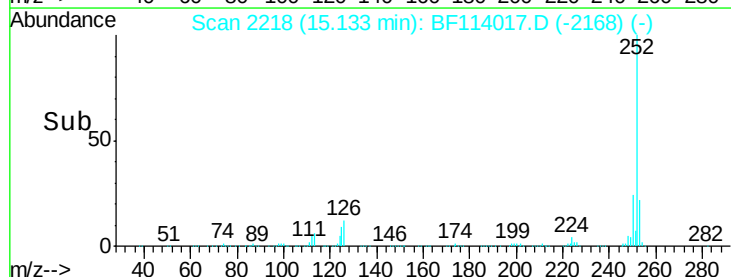
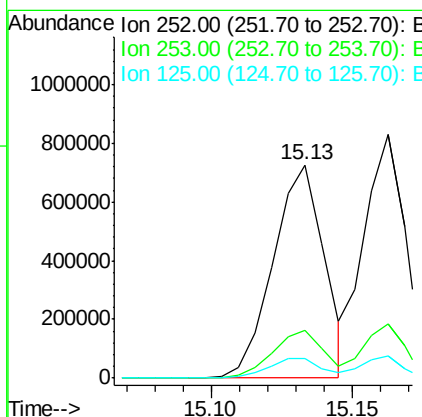
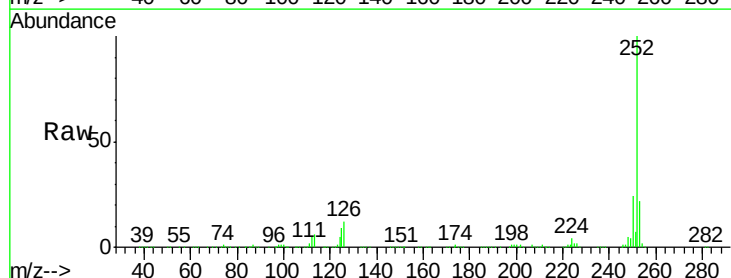
Instrument :  
BNA\_F  
ClientSampleId :

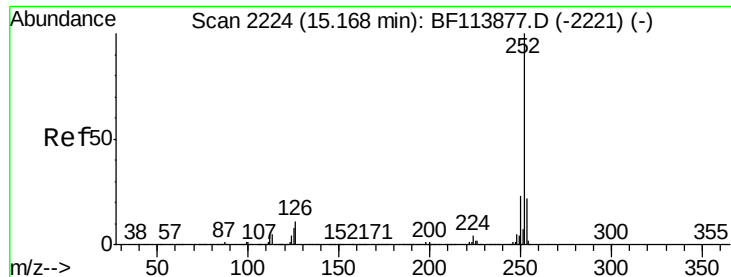
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 18.9  | 28.3  |
| 265     | 21.3  | 17.3  | 25.9  |



#88  
Benzo(b)fluoranthene  
Concen: 40.531 ng  
RT: 15.13 min Scan# 2218  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.8  | 26.6  |
| 125     | 9.1   | 7.0   | 10.6  |

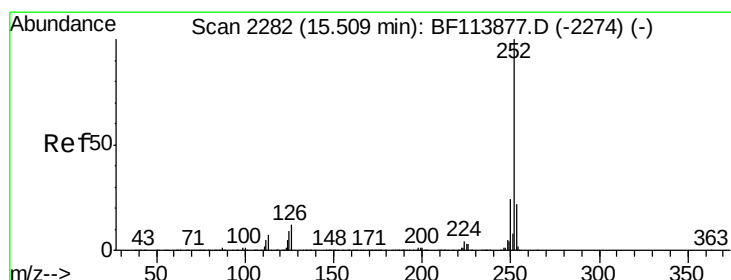
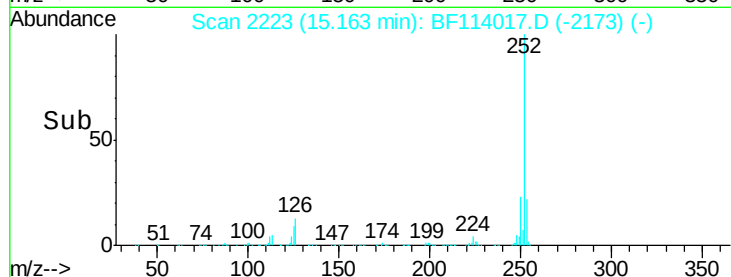
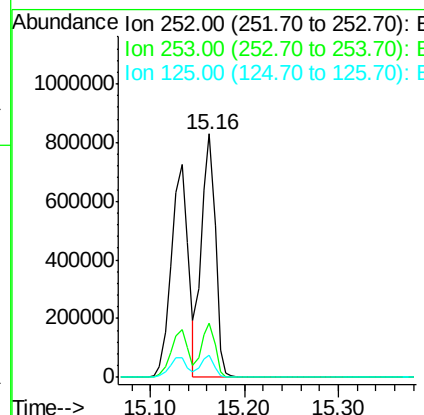
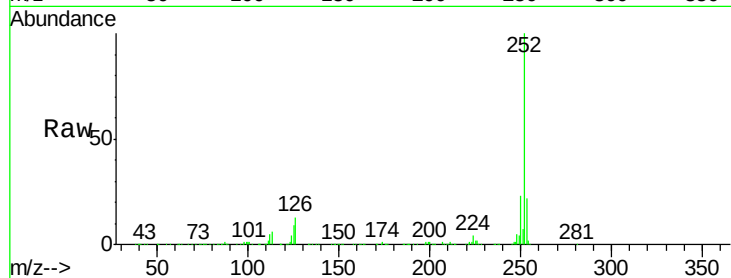




#89  
Benzo(k)fluoranthene  
Concen: 44.260 ng  
RT: 15.16 min Scan# 2223  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

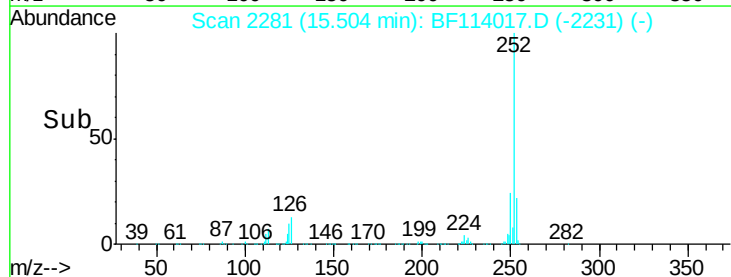
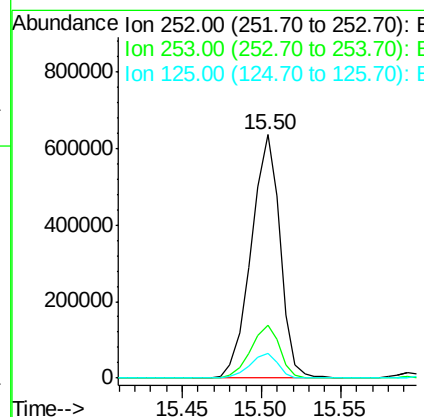
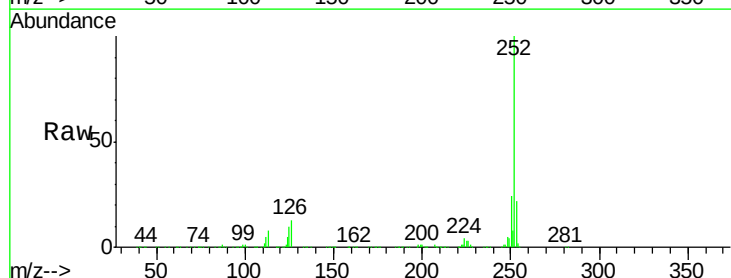
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:252 Resp: 854844  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.2 27.2  
125 9.3 7.4 11.2

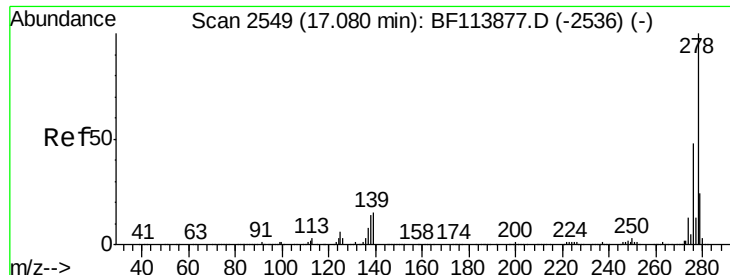


#90  
Benzo(a)pyrene  
Concen: 41.450 ng  
RT: 15.50 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BF114017.D  
Acq: 29 Apr 2019 11:45

Tgt Ion:252 Resp: 805018  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 10.2 8.5 12.7







#91

Dibenzo(a,h)anthracene

Concen: 38.533 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

Instrument :

BNA\_F

ClientSampled :

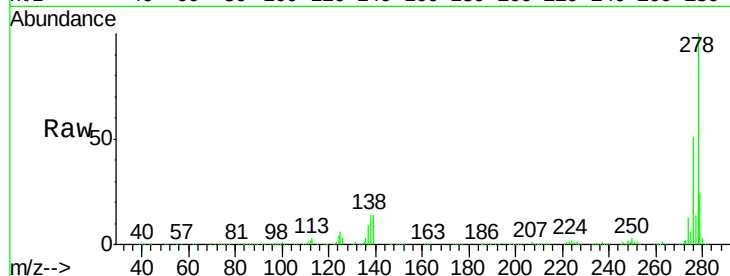
Tot Ion:278 Resp: 702506

Ion Ratio Lower Upper

278 100

139 14.2 11.6 17.4

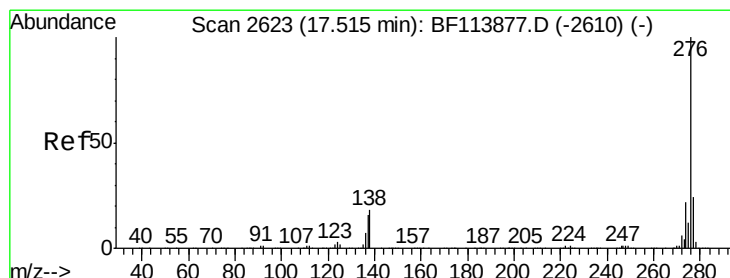
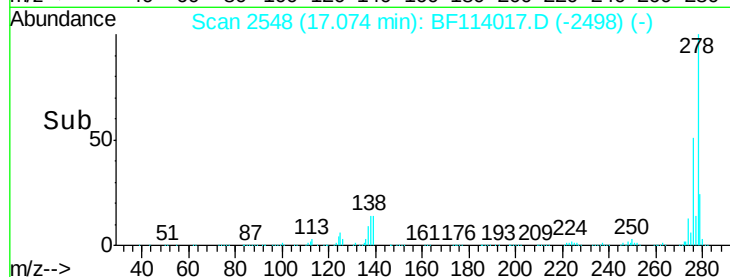
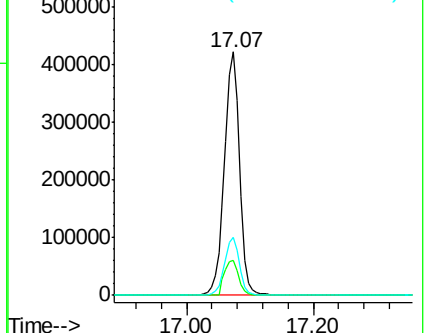
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.573 ng

RT: 17.51 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF114017.D

Acq: 29 Apr 2019 11:45

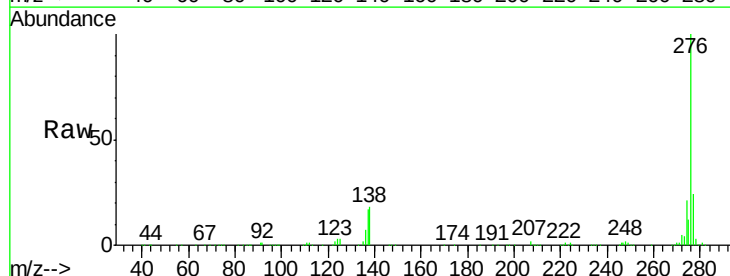
Tgt Ion:276 Resp: 709678

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 18.4 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

