

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\  
 Data File : BF106696.D  
 Acq On : 22 Jun 2018 9:26  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jun 22 11:34:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 22 11:34:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 70448    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 290043   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 155173   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 312786   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.15 | 240  | 257967   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.69 | 264  | 220525   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 310049 | 74.52 | ng | 0.00 |
| 7) Phenol-d6             | 6.61  | 99  | 392457 | 75.54 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 379903 | 72.79 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.80 | 330 | 145673 | 81.00 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.32  | 172 | 703627 | 75.02 | ng | 0.00 |
| 78) Terphenyl-d14        | 13.08 | 244 | 853433 | 80.14 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.83 | 88  | 75729  | 35.406 | ng | 97     |
| 3) Pyridine                    | 3.61 | 79  | 207618 | 35.791 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.58 | 42  | 85839  | 34.841 | ng | 92     |
| 6) Aniline                     | 6.63 | 93  | 265936 | 37.734 | ng | 98     |
| 8) 2-Chlorophenol              | 6.75 | 128 | 174069 | 38.147 | ng | 98     |
| 9) Benzaldehyde                | 6.52 | 77  | 130775 | 36.165 | ng | 97     |
| 10) Phenol                     | 6.62 | 94  | 217471 | 36.678 | ng | 78     |
| 11) bis(2-Chloroethyl)ether    | 6.70 | 93  | 184120 | 37.615 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.91 | 146 | 204750 | 38.311 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 209945 | 38.855 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.14 | 146 | 193047 | 38.985 | ng | 97     |
| 15) Benzyl Alcohol             | 7.11 | 79  | 158380 | 37.965 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.23 | 45  | 235336 | 36.643 | ng | 69     |
| 17) 2-Methylphenol             | 7.22 | 107 | 150574 | 38.559 | ng | 97     |
| 18) Hexachloroethane           | 7.47 | 117 | 72313  | 38.057 | ng | # 89   |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 125462 | 36.634 | ng | 95     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 172597 | 39.591 | ng | # 66   |
| 22) Acetophenone               | 7.37 | 105 | 243746 | 37.563 | ng | # 95   |
| 24) Nitrobenzene               | 7.55 | 77  | 192414 | 36.111 | ng | 99     |
| 25) Isophorone                 | 7.78 | 82  | 336200 | 36.556 | ng | 98     |
| 26) 2-Nitrophenol              | 7.86 | 139 | 98670  | 39.226 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 145981 | 37.547 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.99 | 93  | 228871 | 37.064 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 159087 | 39.084 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180 | 186085 | 41.499 | ng | 96     |
| 31) Naphthalene                | 8.27 | 128 | 514625 | 37.951 | ng | 100    |
| 32) Benzoic acid               | 8.02 | 122 | 58801  | 24.041 | ng | 97     |
| 33) 4-Chloroaniline            | 8.32 | 127 | 216492 | 38.049 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.38 | 225 | 122837 | 42.042 | ng | 99     |
| 35) Caprolactam                | 8.70 | 113 | 49507  | 37.312 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.81 | 107 | 164472 | 38.389 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.96 | 142 | 368435 | 40.991 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.12 | 216 | 199560 | 38.188 | ng | # 96   |
| 40) Hexachlorocyclopentadiene  | 9.11 | 237 | 90572  | 33.687 | ng | 98     |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

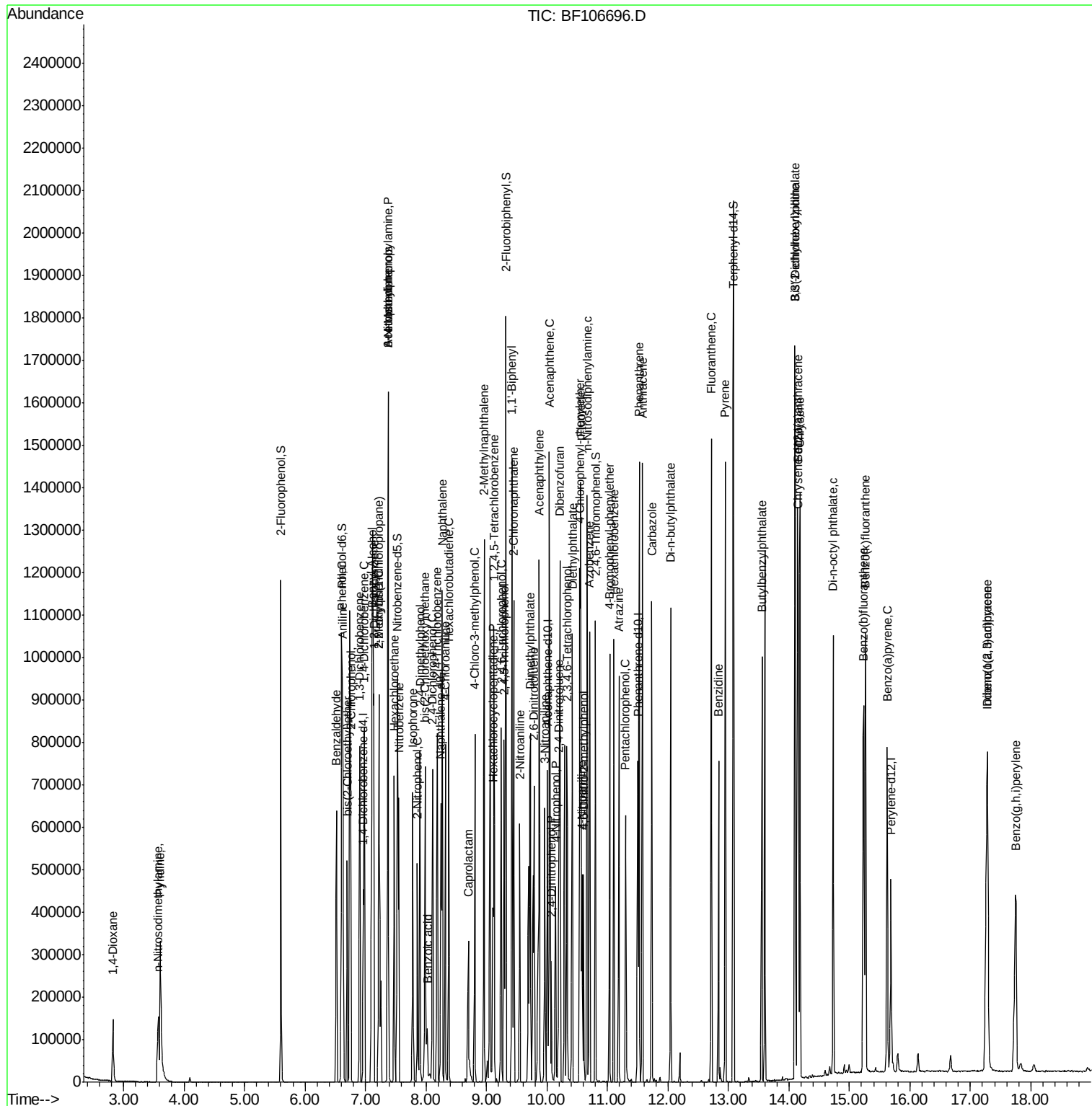
Instrument :  
 BNA\_F  
 ClientSampleId :

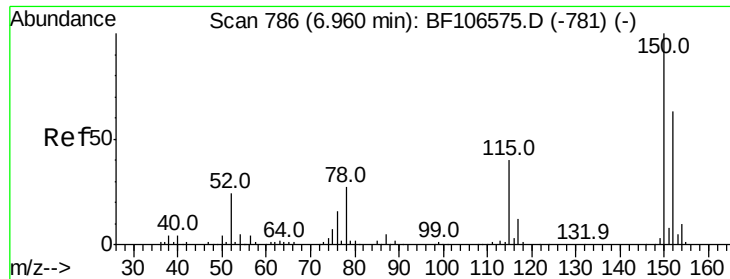
Quant Time: Jun 22 11:34:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 22 11:34:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.24  | 196  | 119065   | 34.277 | ng    | 93       |
| 43) 2,4,5-Trichlorophenol      | 9.29  | 196  | 127832   | 35.268 | ng    | # 89     |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 456151   | 36.886 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 335956   | 34.513 | ng    | 96       |
| 47) 2-Nitroaniline             | 9.55  | 65   | 108600   | 33.177 | ng    | 98       |
| 48) Acenaphthylene             | 9.87  | 152  | 536121   | 34.885 | ng    | 98       |
| 49) Dimethylphthalate          | 9.72  | 163  | 408833   | 35.129 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 94276    | 38.255 | ng    | 93       |
| 51) Acenaphthene               | 10.04 | 154  | 334782   | 34.593 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.97  | 138  | 101300   | 35.721 | ng    | 96       |
| 53) 2,4-Dinitrophenol          | 10.07 | 184  | 37580    | 32.720 | ng    | # 17     |
| 54) Dibenzofuran               | 10.21 | 168  | 500972   | 37.804 | ng    | 97       |
| 55) 4-Nitrophenol              | 10.14 | 139  | 76280    | 38.535 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 125478   | 39.008 | ng    | 91       |
| 57) Fluorene                   | 10.56 | 166  | 386280   | 36.734 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 108581   | 37.685 | ng    | # 79     |
| 59) Diethylphthalate           | 10.42 | 149  | 386330   | 34.393 | ng    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 209924   | 38.154 | ng    | # 88     |
| 61) 4-Nitroaniline             | 10.58 | 138  | 100260   | 35.623 | ng    | 95       |
| 62) Azobenzene                 | 10.71 | 77   | 368091   | 33.277 | ng    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.61 | 198  | 73981    | 38.263 | ng    | 80       |
| 65) n-Nitrosodiphenylamine     | 10.67 | 169  | 360489   | 34.265 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 143451   | 38.429 | ng    | # 81     |
| 67) Hexachlorobenzene          | 11.11 | 284  | 149845   | 38.353 | ng    | # 84     |
| 68) Atrazine                   | 11.19 | 200  | 127683   | 38.177 | ng    | 97       |
| 69) Pentachlorophenol          | 11.30 | 266  | 83316    | 42.738 | ng    | 98       |
| 70) Phenanthrene               | 11.52 | 178  | 573117   | 37.989 | ng    | 99       |
| 71) Anthracene                 | 11.58 | 178  | 585443   | 38.019 | ng    | 99       |
| 72) Carbazole                  | 11.74 | 167  | 529734   | 36.744 | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.04 | 149  | 606095   | 35.685 | ng    | 100      |
| 74) Fluoranthene               | 12.72 | 202  | 628048   | 37.770 | ng    | 96       |
| 76) Benzidine                  | 12.84 | 184  | 275657   | 37.521 | ng    | 99       |
| 77) Pyrene                     | 12.95 | 202  | 646077   | 37.980 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.55 | 149  | 252604   | 36.117 | ng    | # 91     |
| 80) Benzo(a)anthracene         | 14.14 | 228  | 580307   | 36.910 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 193085   | 34.943 | ng    | # 95     |
| 82) Chrysene                   | 14.18 | 228  | 532968   | 36.847 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.11 | 149  | 312405   | 34.938 | ng    | # 96     |
| 84) Di-n-octyl phthalate       | 14.74 | 149  | 526118   | 36.096 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.27 | 276  | 483114   | 39.358 | ng    | # 90     |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 494276   | 36.081 | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 482133   | 36.958 | ng    | # 95     |
| 89) Benzo(a)pyrene             | 15.63 | 252  | 452092   | 37.124 | ng    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 17.28 | 278  | 408669   | 39.597 | ng    | # 93     |
| 91) Benzo(g,h,i)perylene       | 17.75 | 276  | 401892   | 39.840 | ng    | # 90     |

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

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QLast Update : Fri Jun 22 11:34:03 2018  
Response via : Initial Calibration



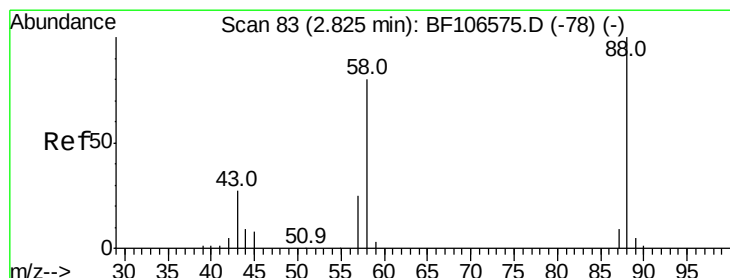
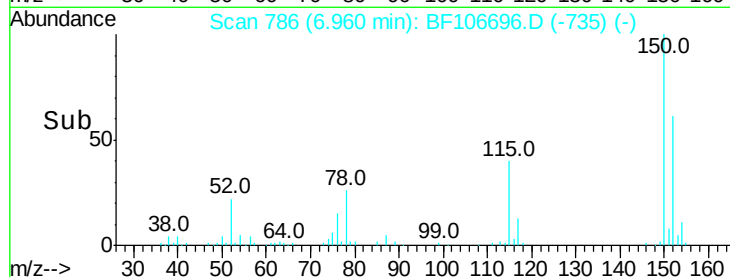
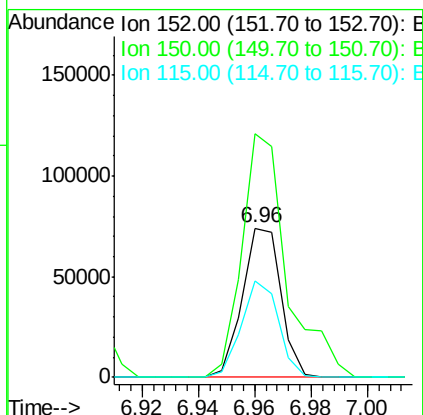
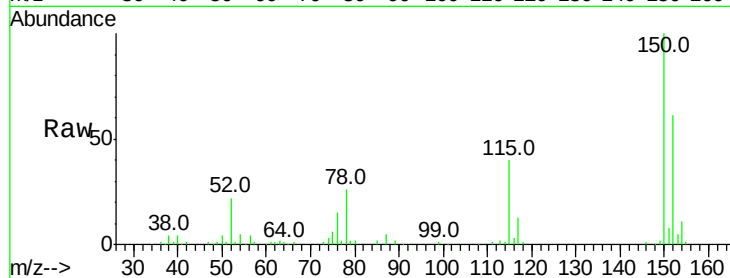


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 786  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Instrument :  
BNA\_F  
ClientSampleId :

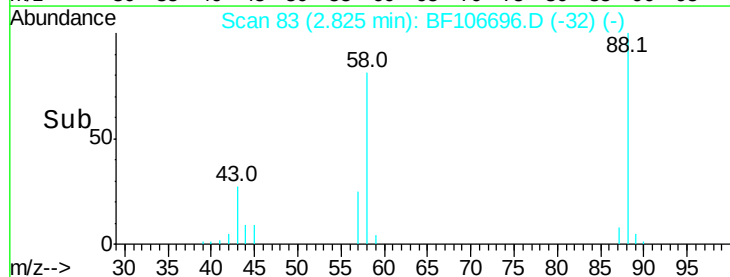
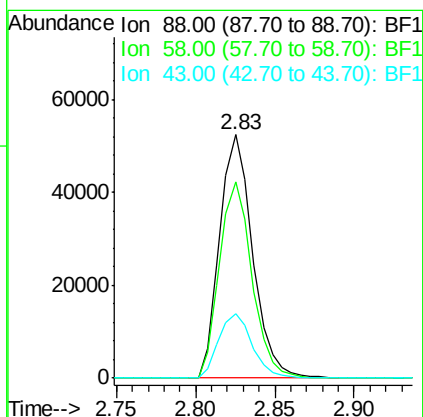
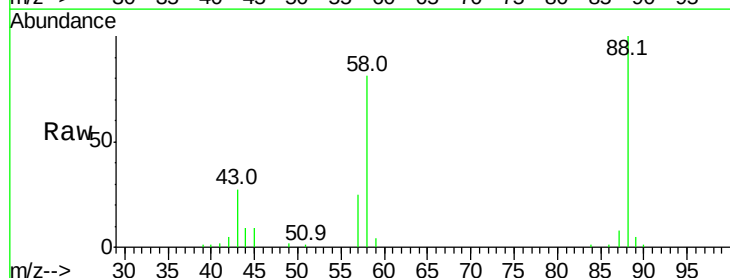
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Ion Ratio Lower Upper  
152 100  
150 163.2 124.6 186.8  
115 65.0 50.1 75.1

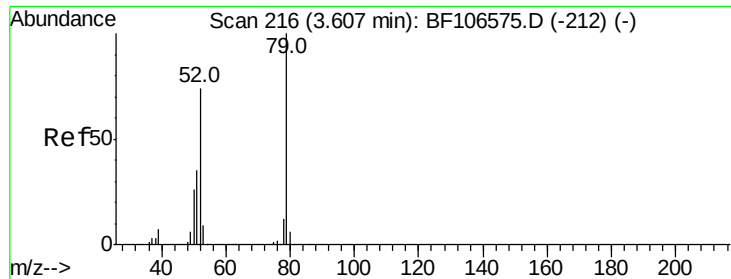


#2

1,4-Dioxane  
Concen: 35.406 ng  
RT: 2.83 min Scan# 83  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Tgt Ion: 88 Resp: 75729  
Ion Ratio Lower Upper  
88 100  
58 79.6 62.6 93.8  
43 27.0 24.6 37.0

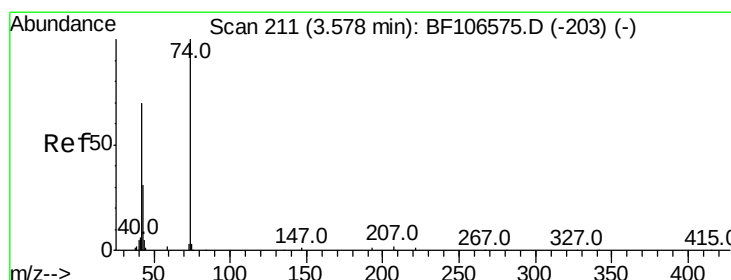
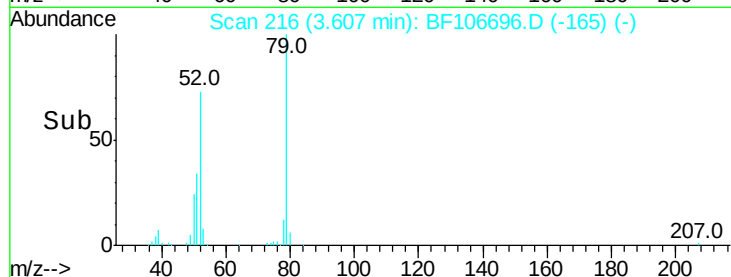
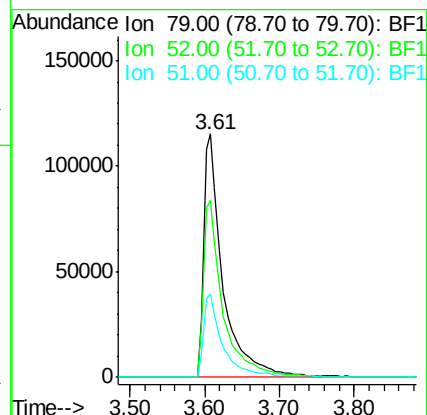
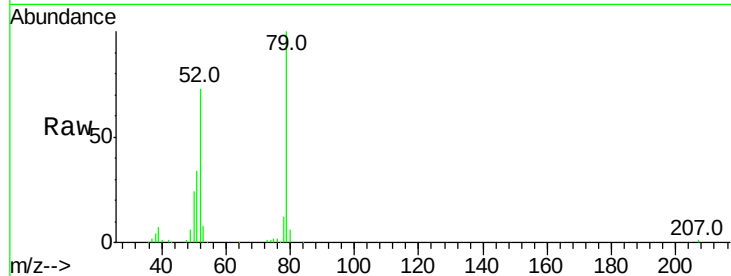




#3  
 Pvridine  
 Concen: 35.791 ng  
 RT: 3.61 min Scan# 216  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

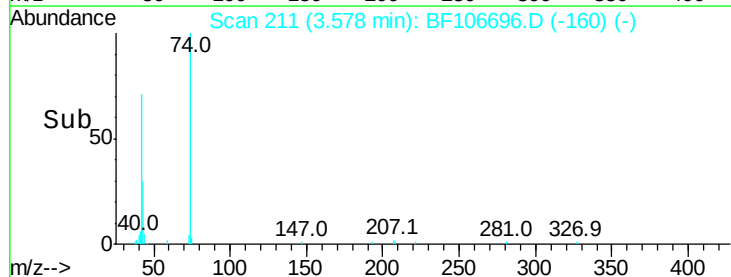
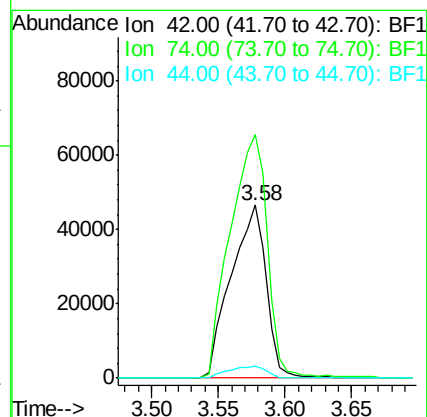
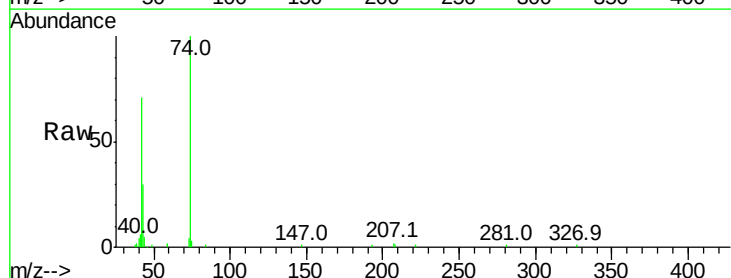
Instrument :  
 BNA\_F  
 ClientSampleId :

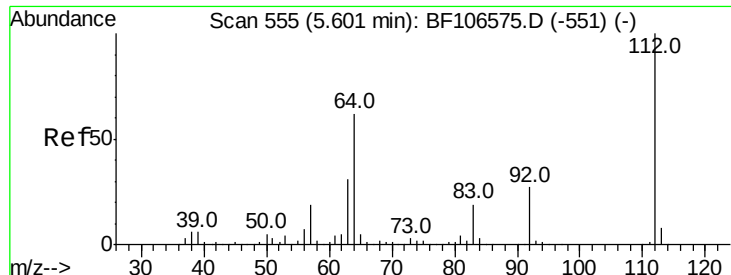
Tot Ion: 79 Resp: 207618  
 Ion Ratio Lower Upper  
 79 100  
 52 72.8 59.8 89.6  
 51 34.5 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 34.841 ng  
 RT: 3.58 min Scan# 211  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion: 42 Resp: 85839  
 Ion Ratio Lower Upper  
 42 100  
 74 140.8 104.9 157.3  
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 74.525 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :  
BNA\_F  
ClientSampleId :

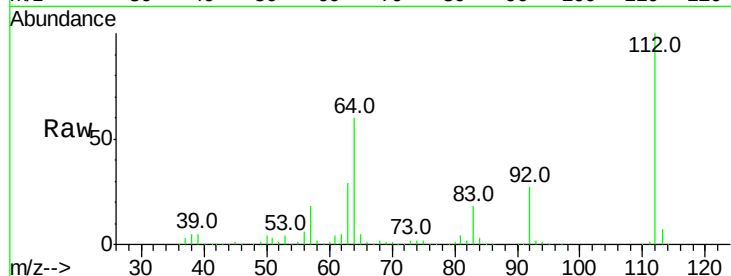
Tot Ion: 112 Resp: 310049

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

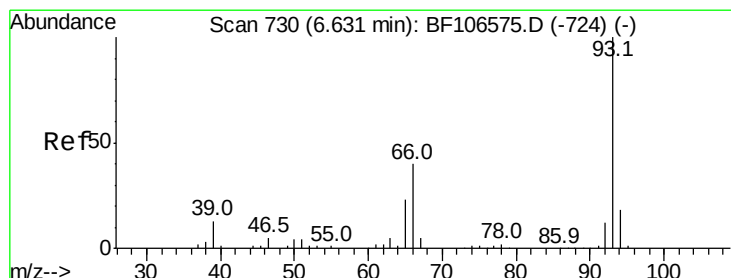
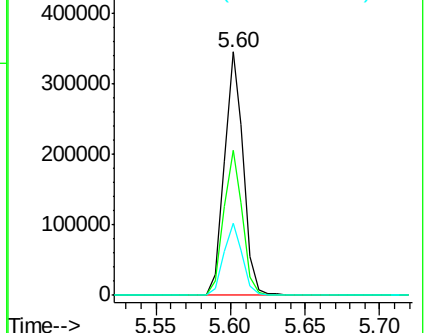
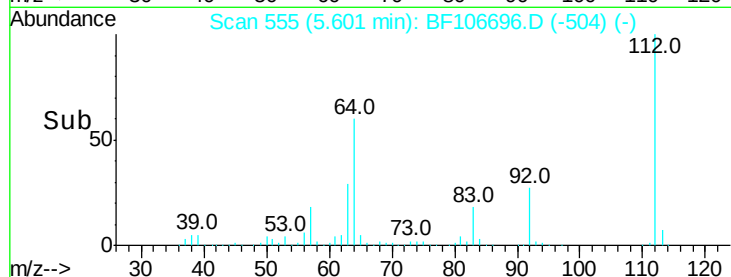
63 29.5 23.7 35.5



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: 37.734 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

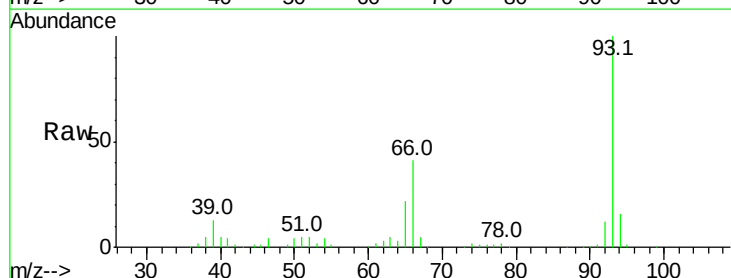
Tgt Ion: 93 Resp: 265936

Ion Ratio Lower Upper

93 100

66 41.4 32.2 48.2

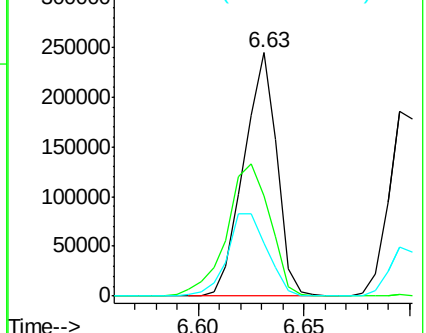
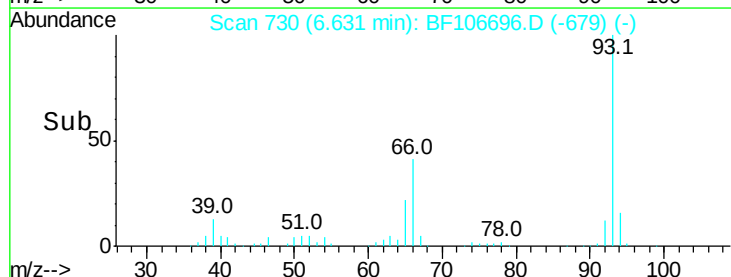
65 21.7 16.4 24.6

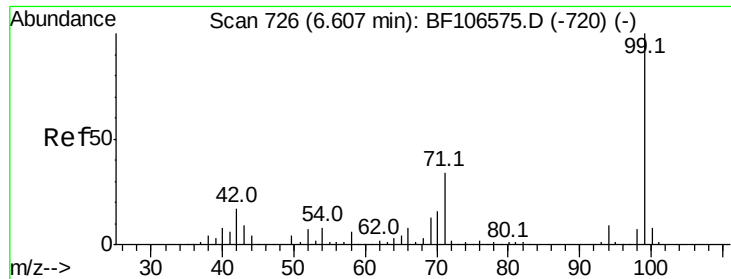


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.538 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampled :

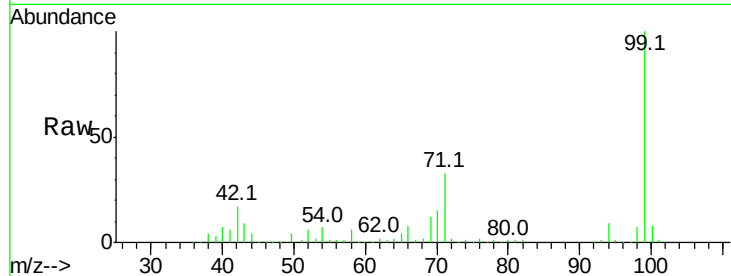
Tot Ion: 99 Resp: 392457

Ion Ratio Lower Upper

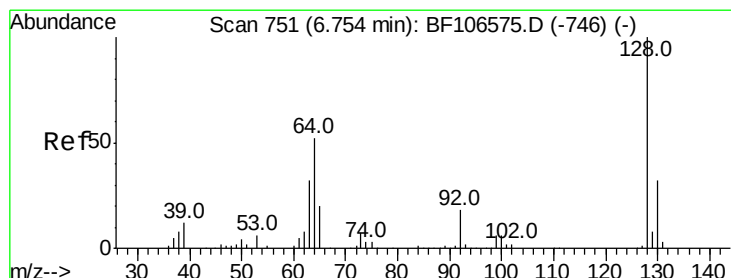
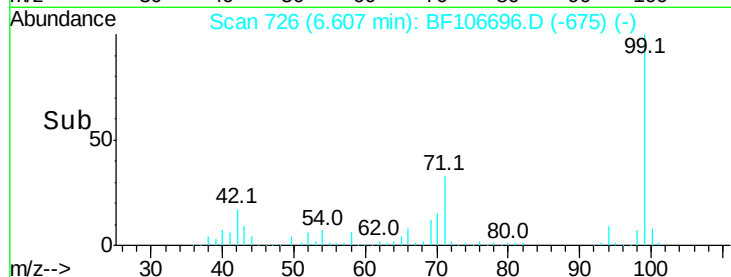
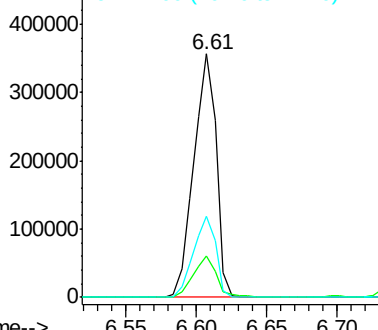
99 100

42 17.0 14.5 21.7

71 33.1 25.4 38.0



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: 38.147 ng

RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

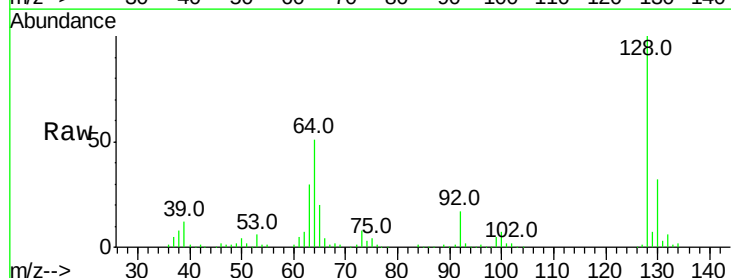
Tgt Ion: 128 Resp: 174069

Ion Ratio Lower Upper

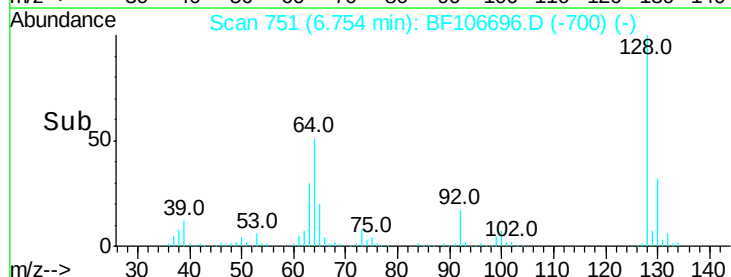
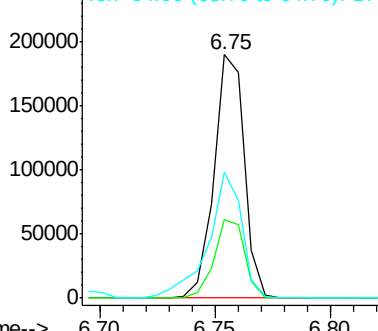
128 100

130 32.3 13.0 53.0

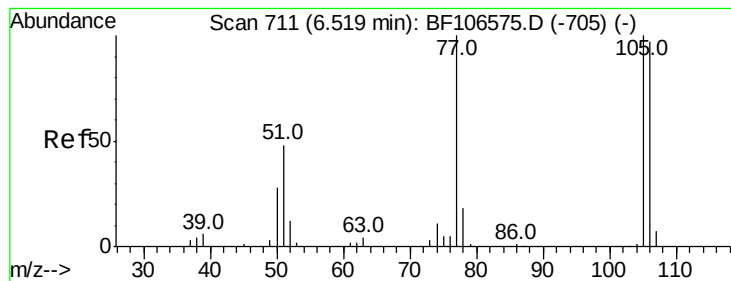
64 51.4 29.4 69.4



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







#9

Benzaldehyde

Concen: 36.165 ng

RT: 6.52 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

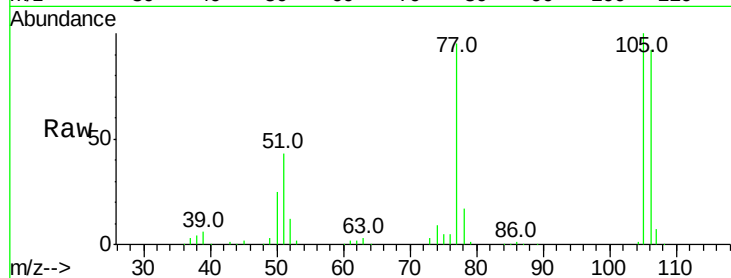
Tot Ion: 77 Resp: 130775

Ion Ratio Lower Upper

77 100

105 105.2 81.1 121.1

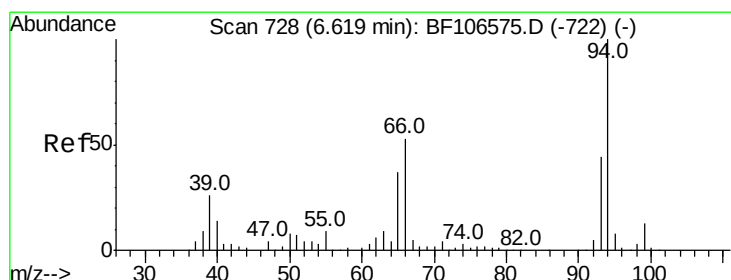
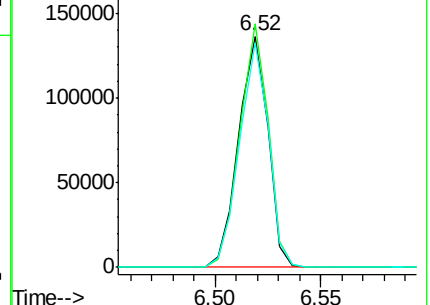
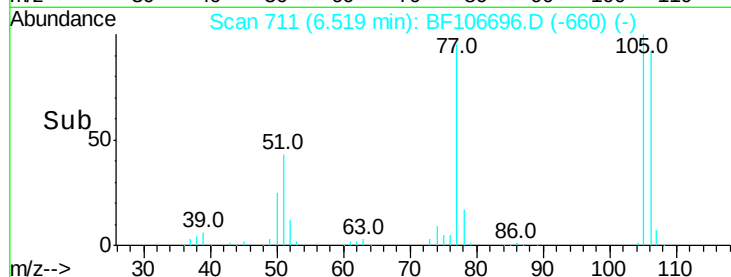
106 96.8 74.5 114.5



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: 36.678 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

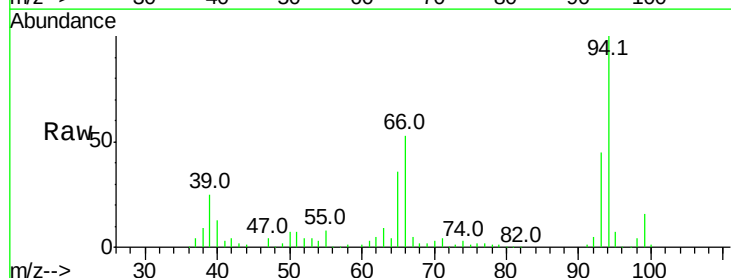
Tgt Ion: 94 Resp: 217471

Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

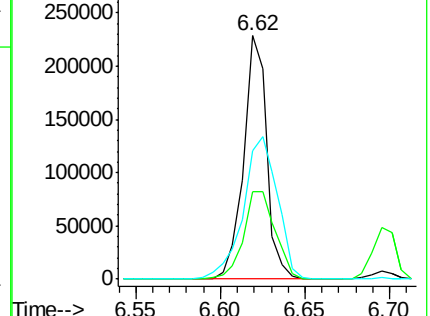
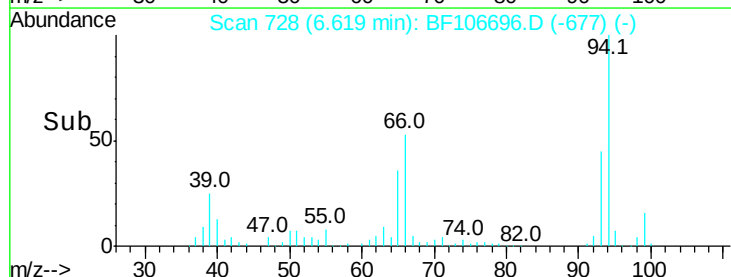
66 52.6 16.2 56.2



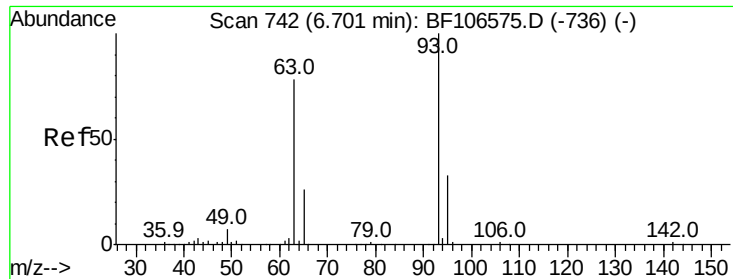
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 37.615 ng

RT: 6.70 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

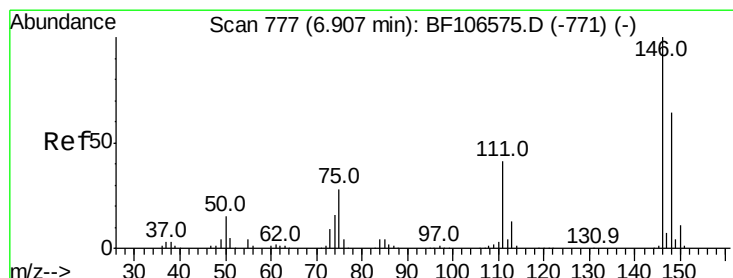
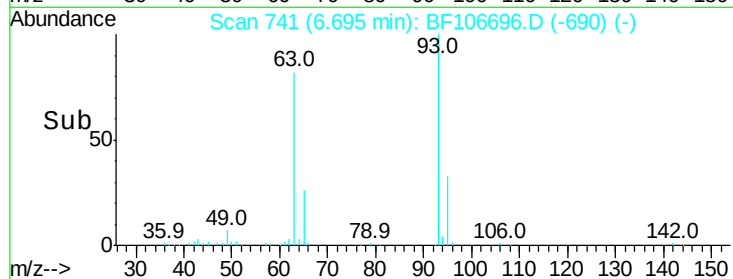
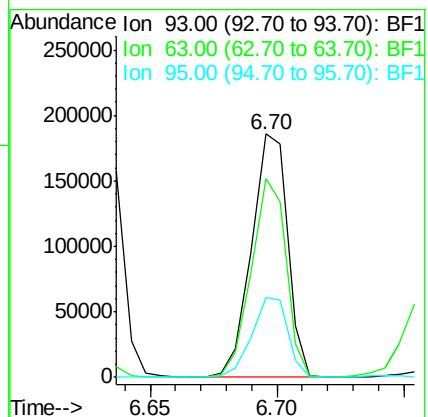
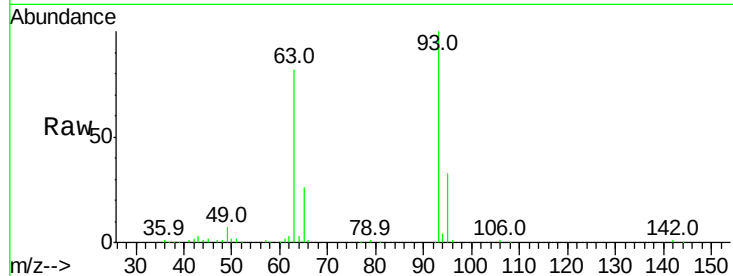
Tot Ion: 93 Resp: 184120

Ion Ratio Lower Upper

93 100

63 81.5 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.311 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

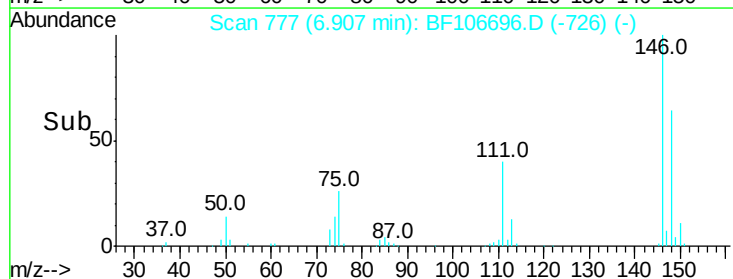
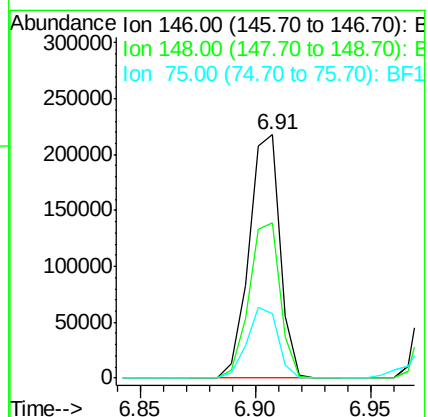
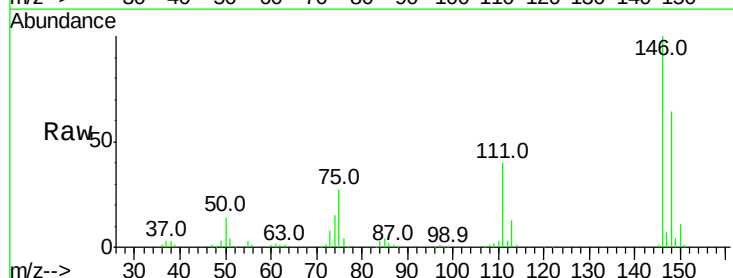
Tgt Ion: 146 Resp: 204750

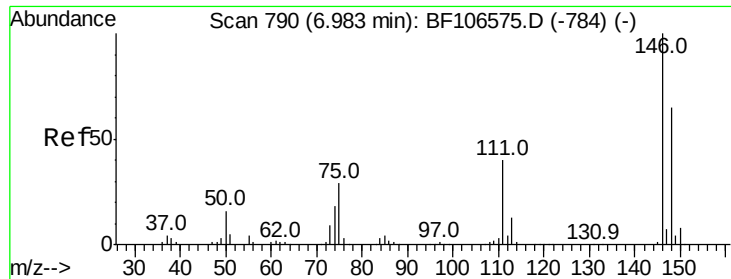
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

75 26.7 24.2 36.4

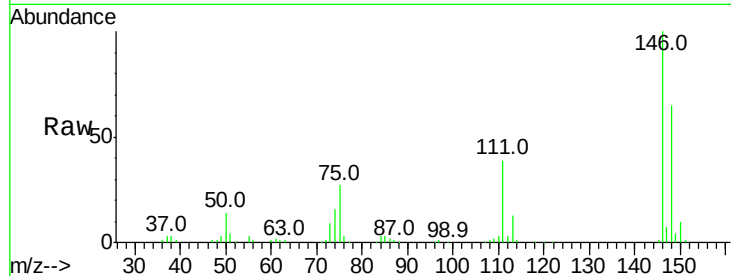




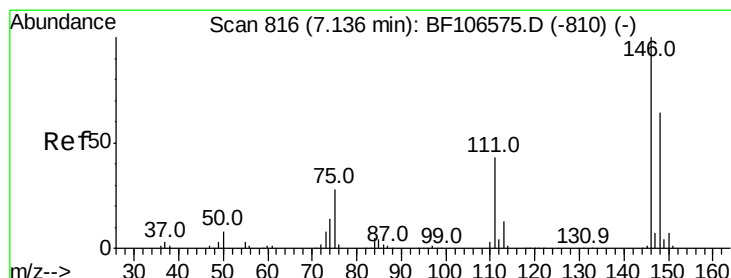
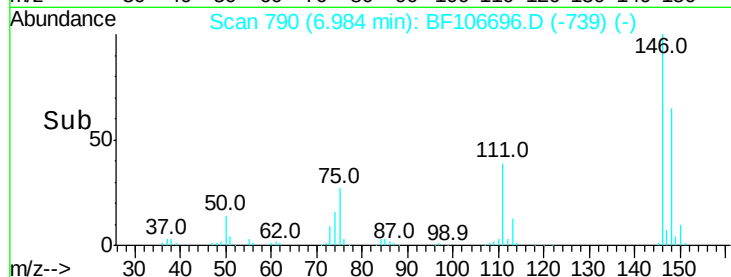
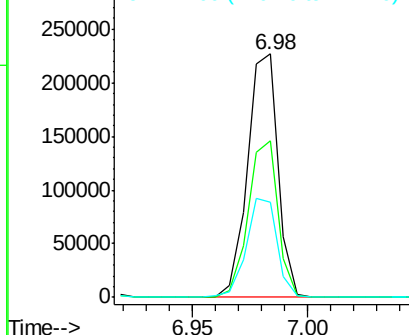
#13  
 1,4-Dichlorobenzene  
 Concen: 38.855 ng  
 RT: 6.98 min Scan# 790  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.8  | 76.2  |
| 111     | 38.9  | 34.2  | 51.2  |

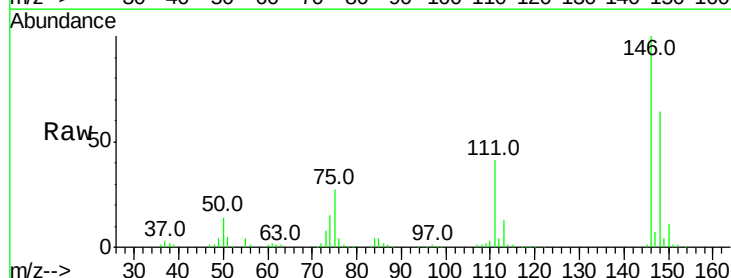


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

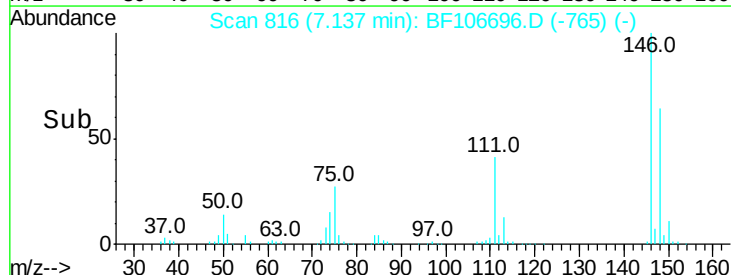
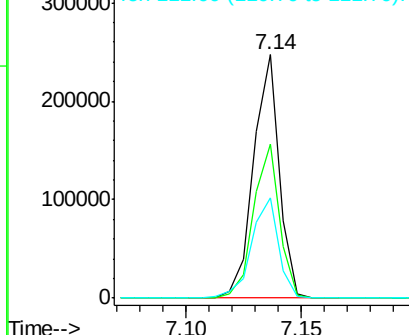


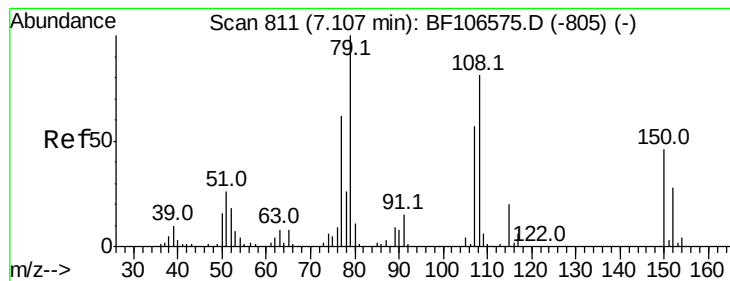
#14  
 1,2-Dichlorobenzene  
 Concen: 38.985 ng  
 RT: 7.14 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 50.6  | 75.8  |
| 111     | 41.3  | 36.0  | 54.0  |



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: 37.965 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :  
BNA\_F  
ClientSampleId :

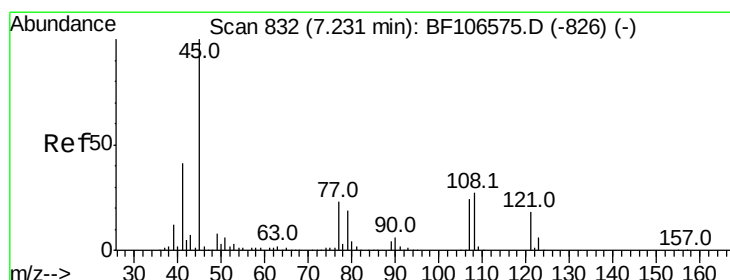
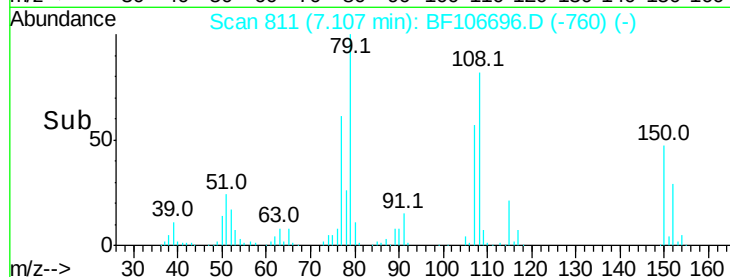
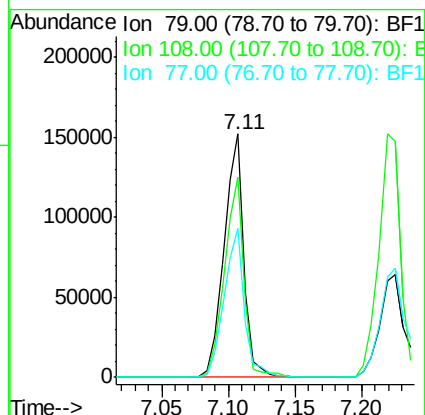
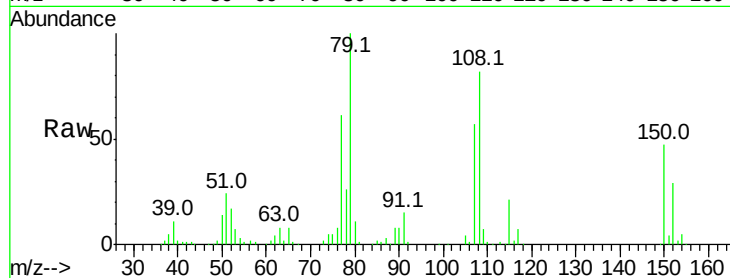
Tot Ion: 79 Resp: 158380

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.643 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

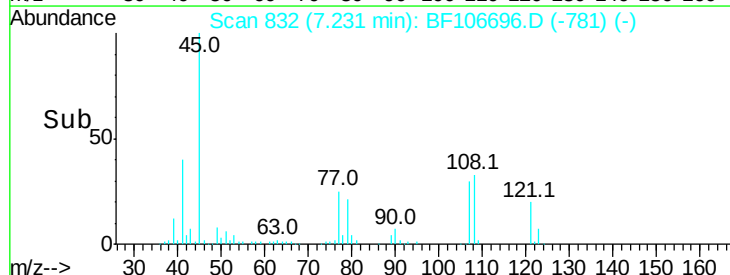
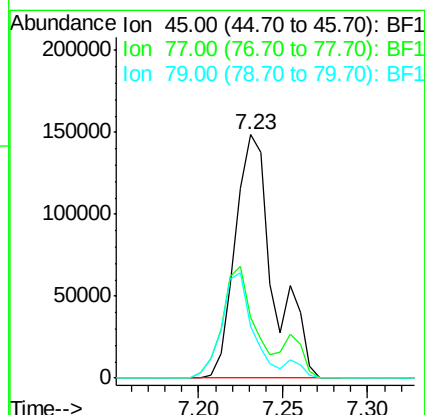
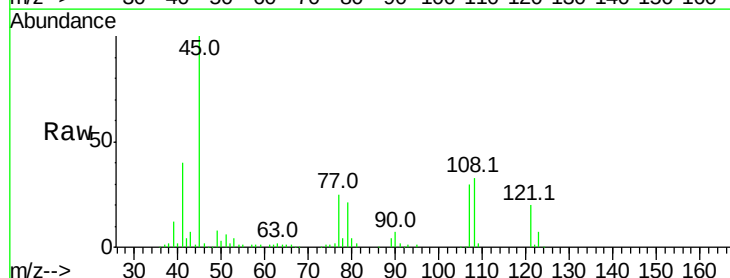
Tgt Ion: 45 Resp: 235336

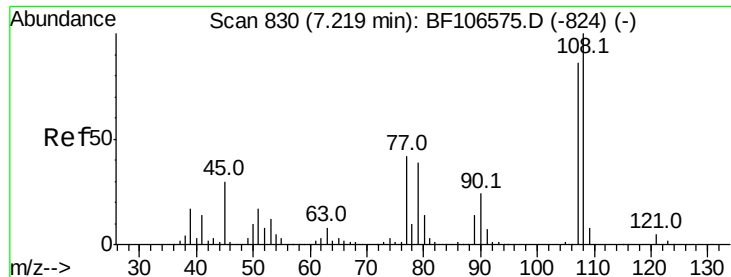
Ion Ratio Lower Upper

45 100

77 24.7 0.0 32.9

79 21.4 0.0 29.6

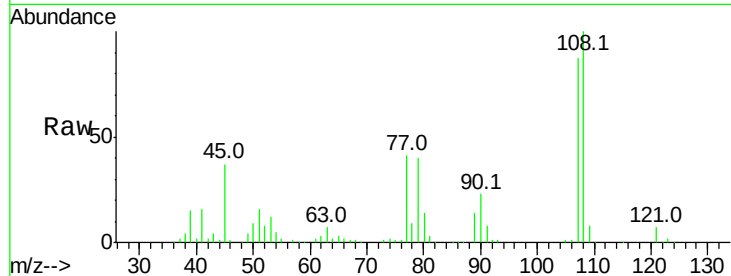




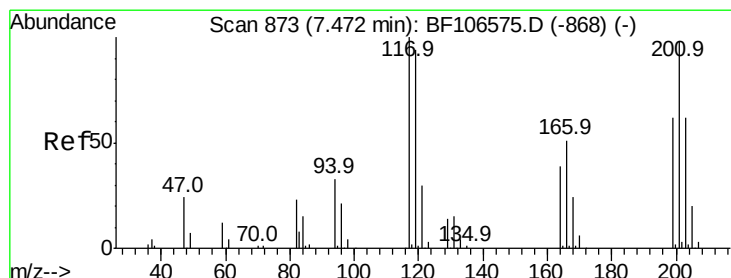
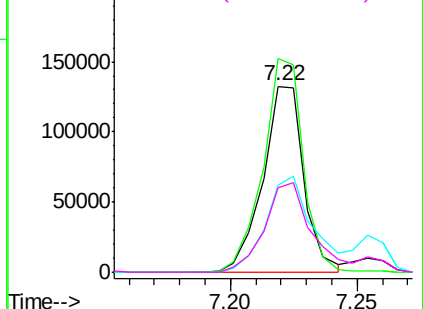
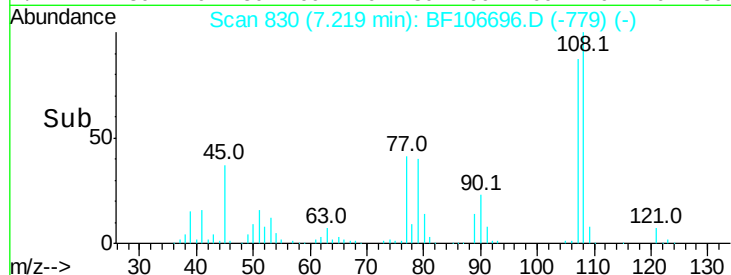
#17  
2-Methylphenol  
Concen: 38.559 ng  
RT: 7.22 min Scan# 830  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 150574  
Ion Ratio Lower Upper  
107 100  
108 115.0 91.7 137.5  
77 47.1 33.8 50.8  
79 45.4 33.8 50.8

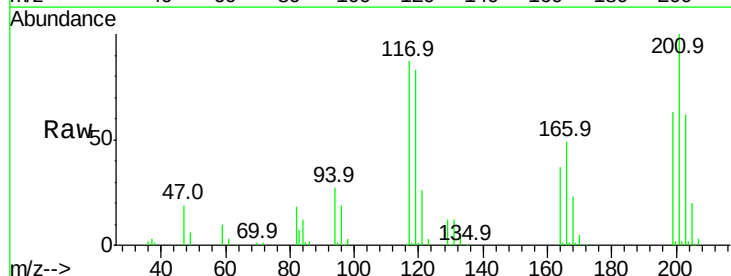


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

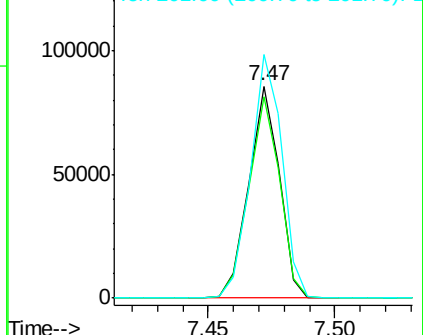
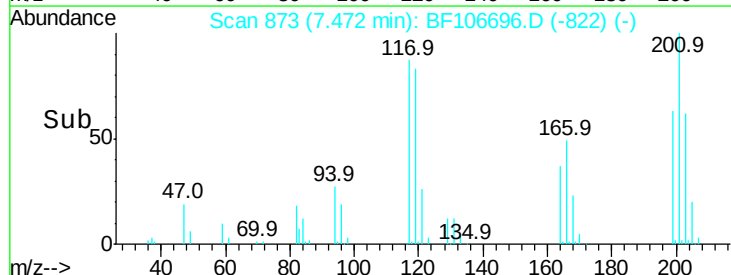


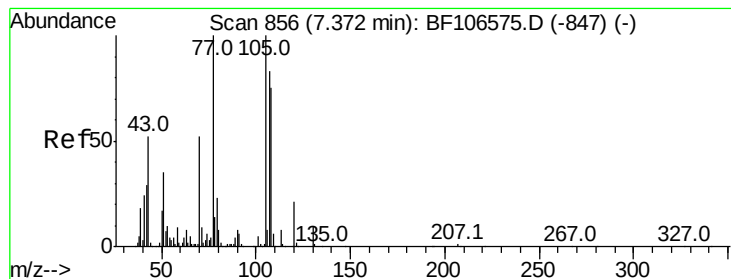
#18  
Hexachloroethane  
Concen: 38.057 ng  
RT: 7.47 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Tgt Ion:117 Resp: 72313  
Ion Ratio Lower Upper  
117 100  
119 95.1 75.8 113.8  
201 115.0 75.7 113.5#



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: 36.634 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 125462

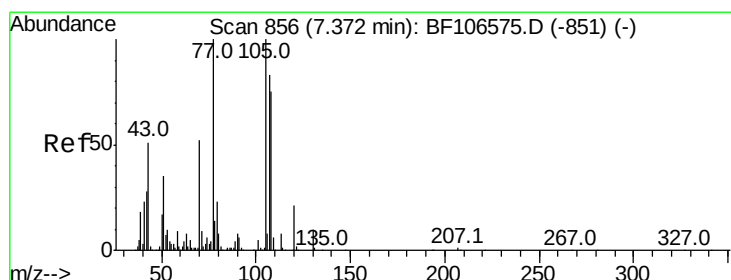
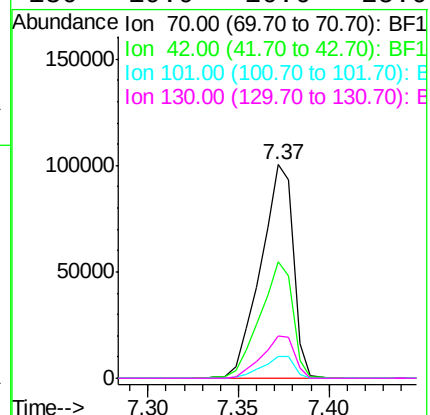
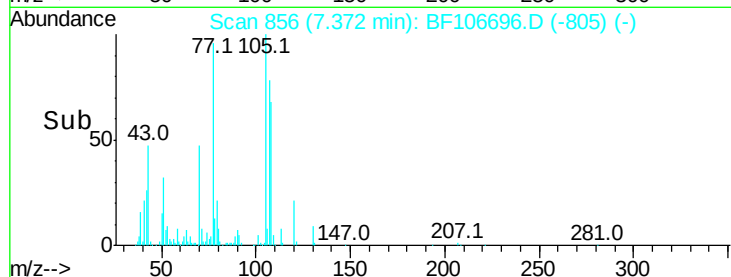
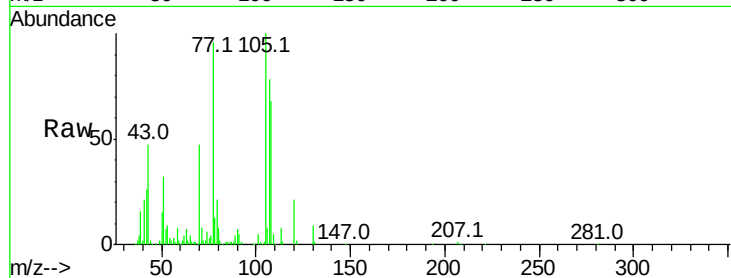
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 54.6  | 47.5  | 71.3  |
| 101 | 10.1  | 7.4   | 11.2  |
| 130 | 19.9  | 16.6  | 25.0  |

70 100

42 54.6 47.5 71.3

101 10.1 7.4 11.2

130 19.9 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.591 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Tgt Ion: 107 Resp: 172597

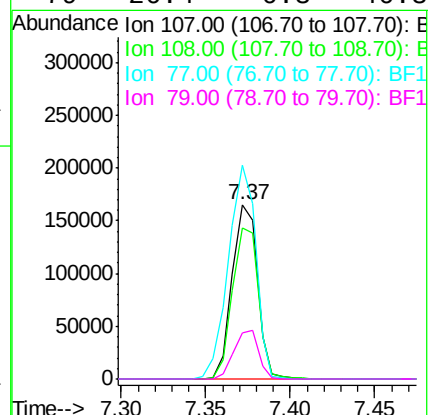
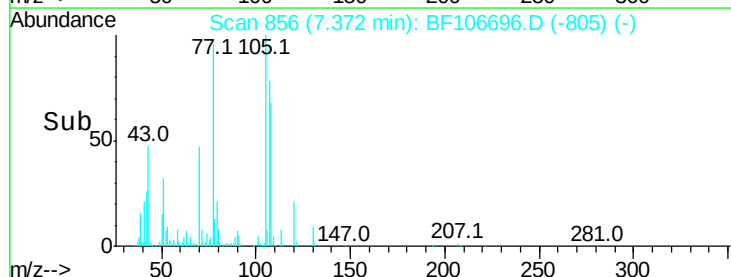
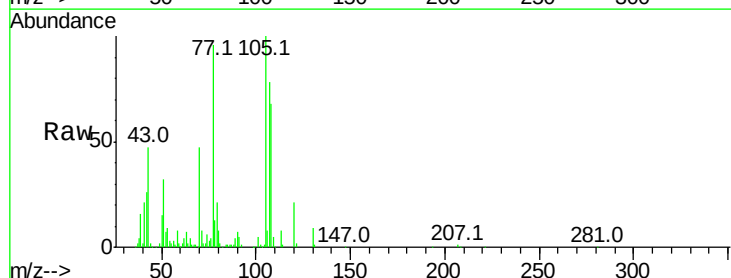
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 86.6  | 68.2  | 108.2 |
| 77  | 122.3 | 26.7  | 66.7# |
| 79  | 26.4  | 6.3   | 46.3  |

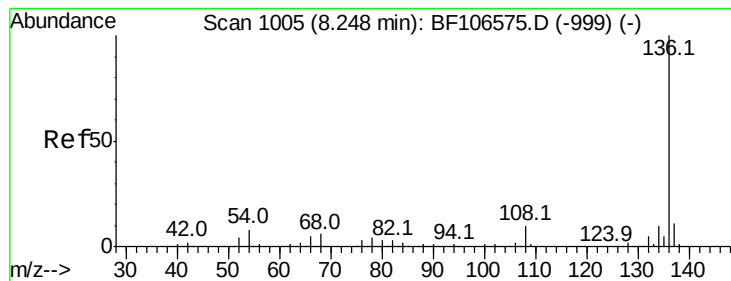
107 100

108 86.6 68.2 108.2

77 122.3 26.7 66.7#

79 26.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampled :

Tot Ion:136 Resp: 290043

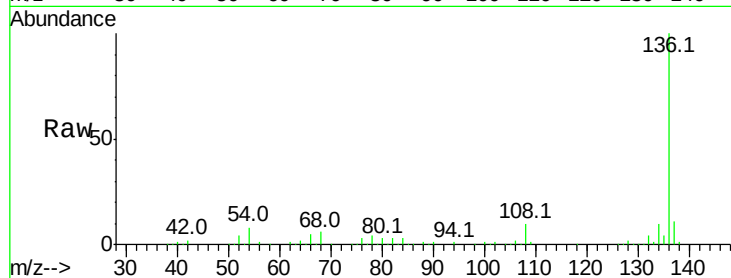
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 6.6 9.8

68 6.5 5.0 7.4

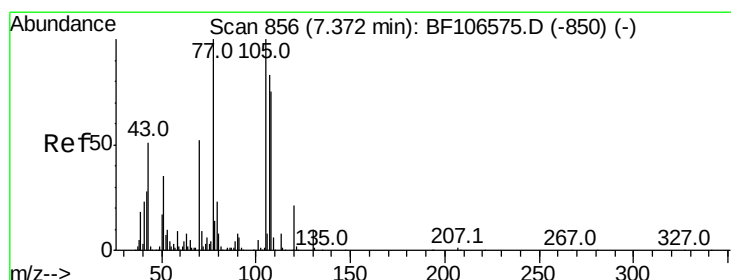
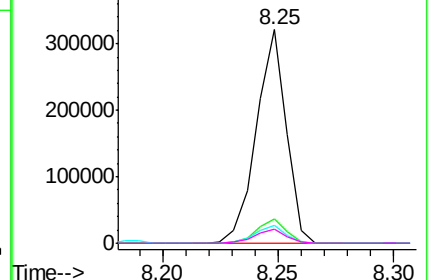
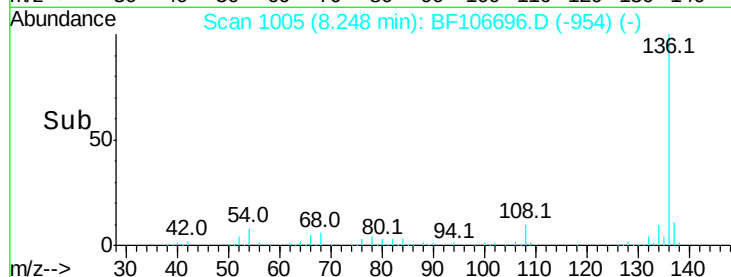


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.563 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Tgt Ion:105 Resp: 243746

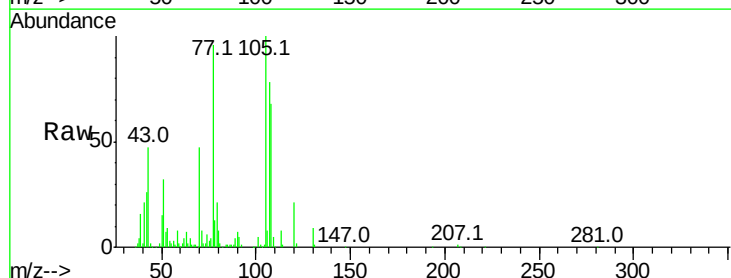
Ion Ratio Lower Upper

105 100

71 7.8 4.4 6.6#

51 32.0 22.3 33.5

120 20.5 16.9 25.3

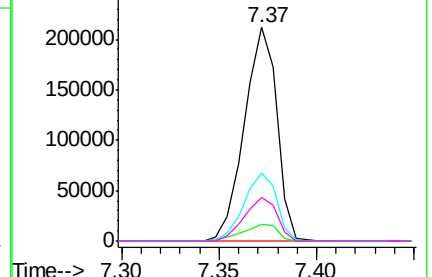
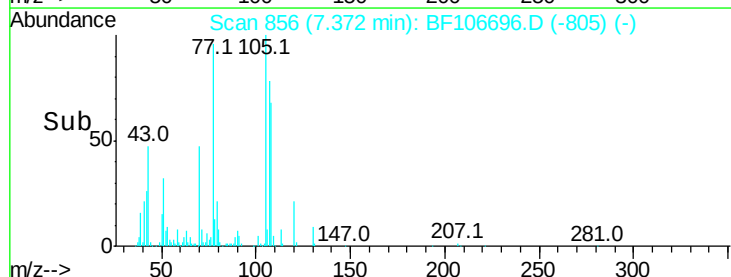


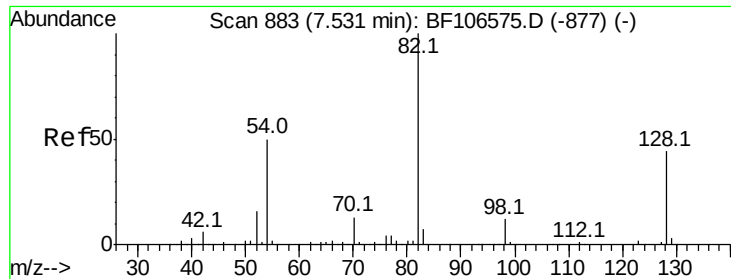
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

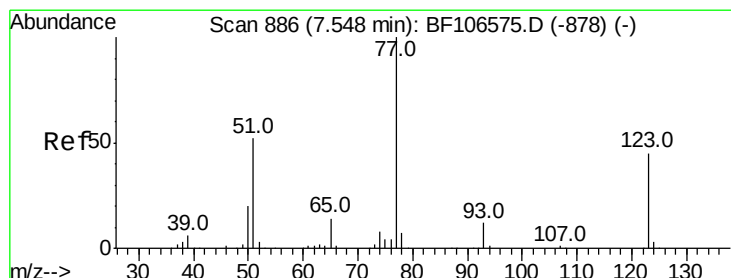
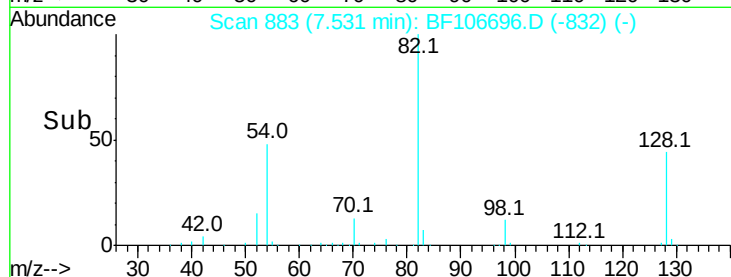
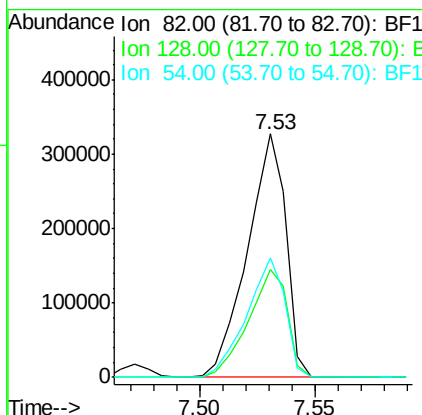
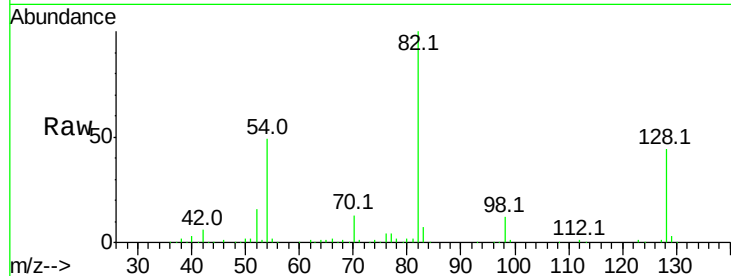




#23  
 Nitrobenzene-d5  
 Concen: 72.791 ng  
 RT: 7.53 min Scan# 883  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

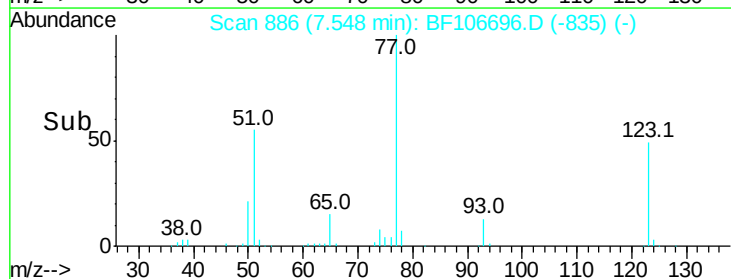
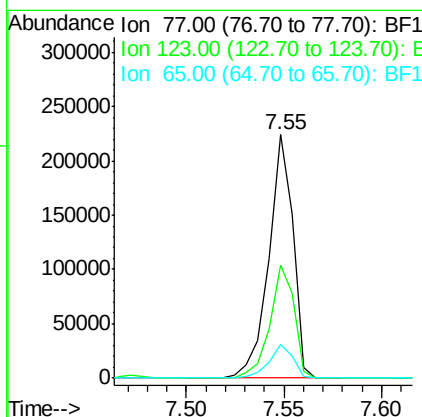
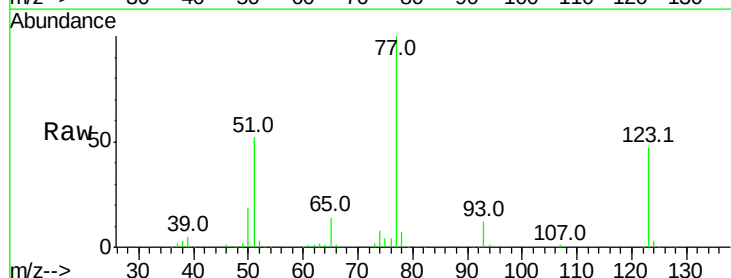
Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | 82    | Resp  | 379903 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 82      | 100   |       |        |
| 128     | 44.1  | 36.1  | 54.1   |
| 54      | 49.0  | 41.4  | 62.2   |

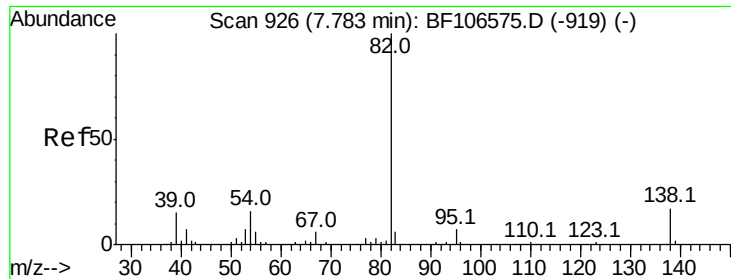


#24  
 Nitrobenzene  
 Concen: 36.111 ng  
 RT: 7.55 min Scan# 886  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

| Tgt Ion | 77    | Resp  | 192414 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 77      | 100   |       |        |
| 123     | 46.6  | 37.9  | 56.9   |
| 65      | 13.9  | 11.0  | 16.4   |







#25

Isophorone

Concen: 36.556 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :  
BNA\_F  
ClientSampleId :

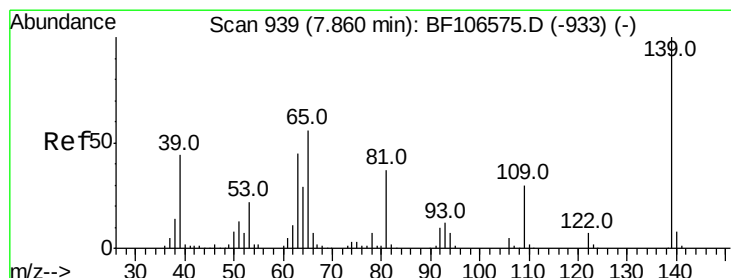
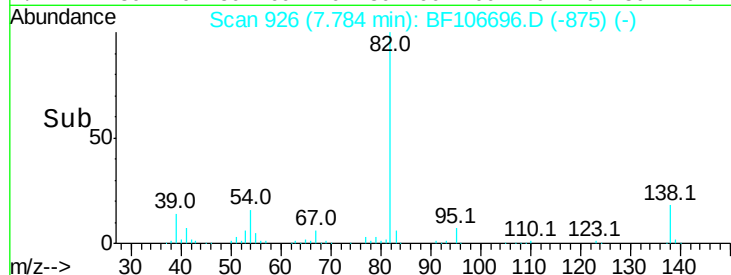
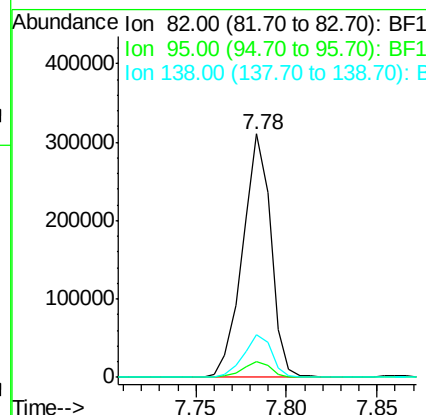
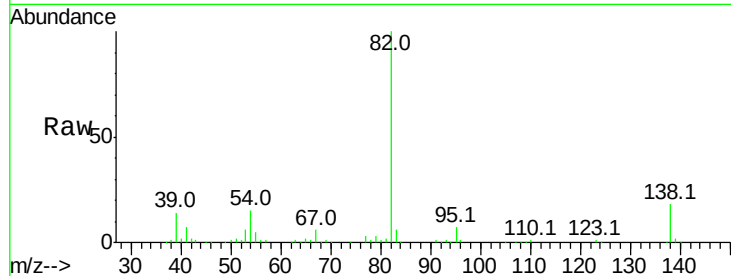
Tot Ion: 82 Resp: 336200

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 39.226 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

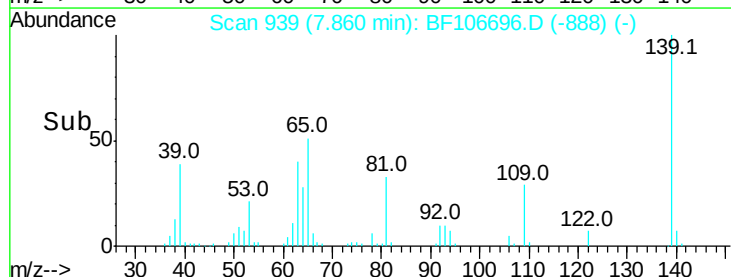
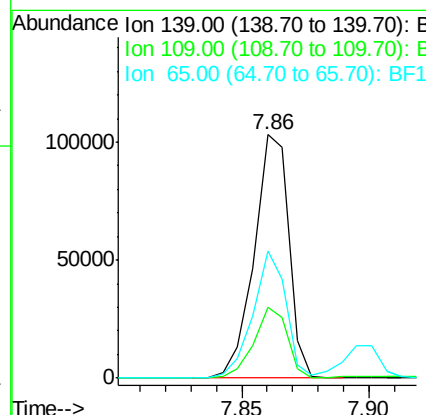
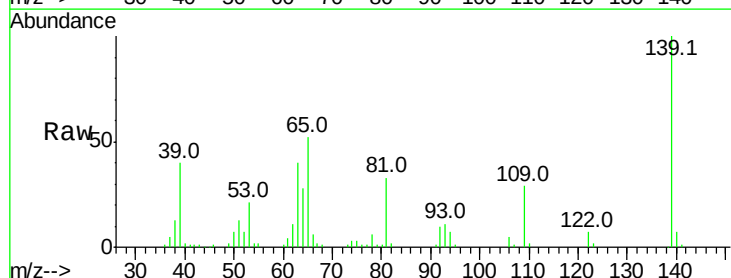
Tgt Ion: 139 Resp: 98670

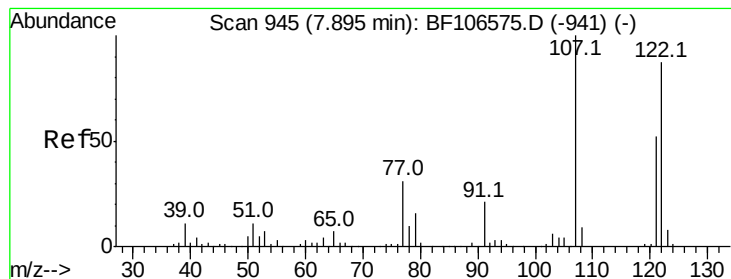
Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

65 52.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.547 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :  
BNA\_F  
ClientSampled :

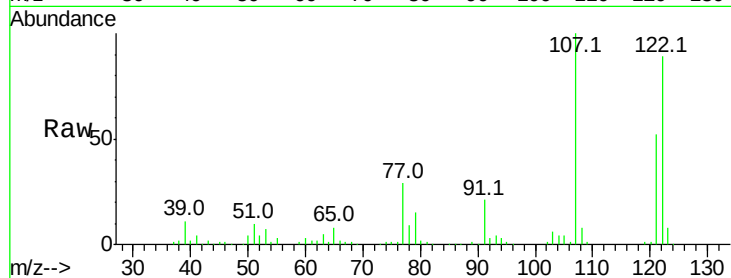
Tot Ion:122 Resp: 145981

Ion Ratio Lower Upper

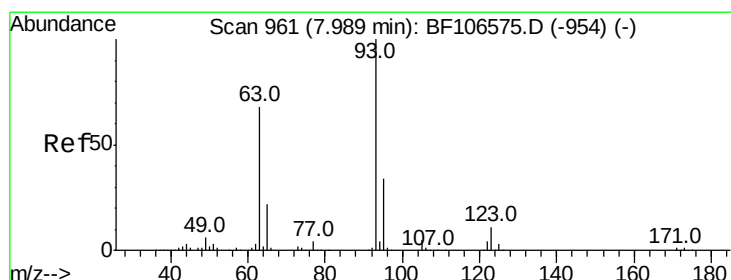
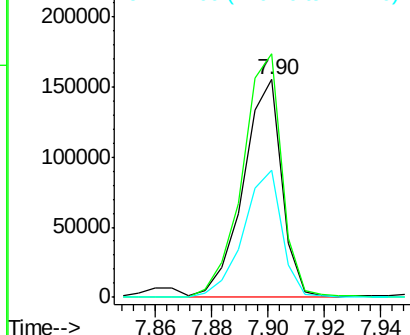
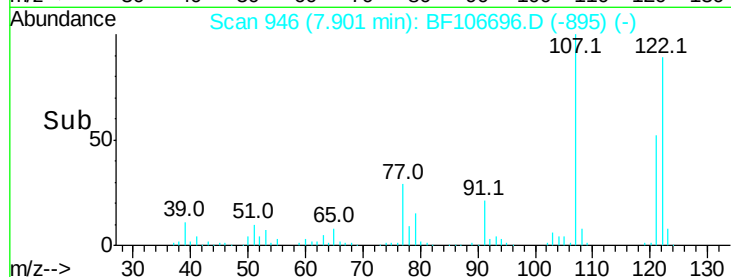
122 100

107 111.7 91.2 136.8

121 58.6 47.2 70.8



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: 37.064 ng

RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

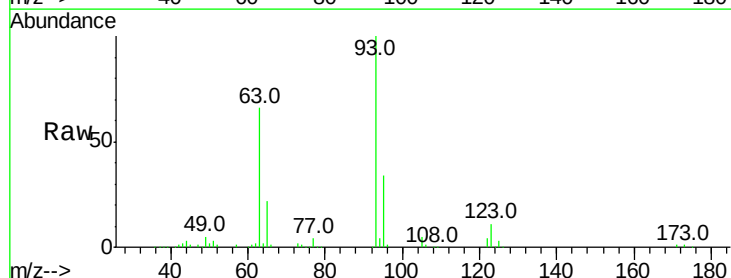
Tgt Ion: 93 Resp: 228871

Ion Ratio Lower Upper

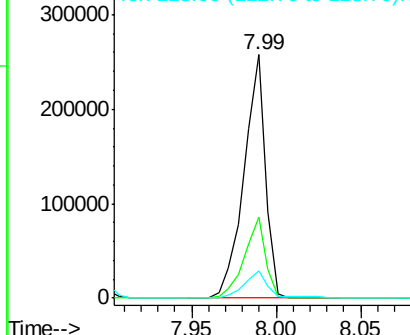
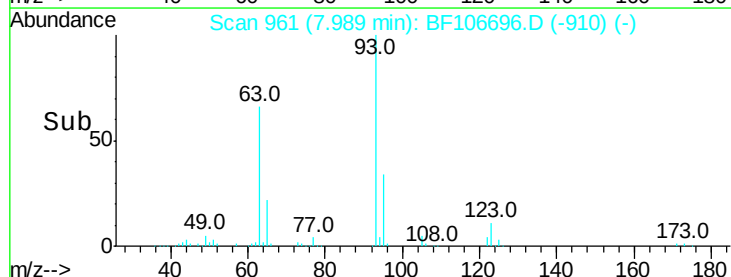
93 100

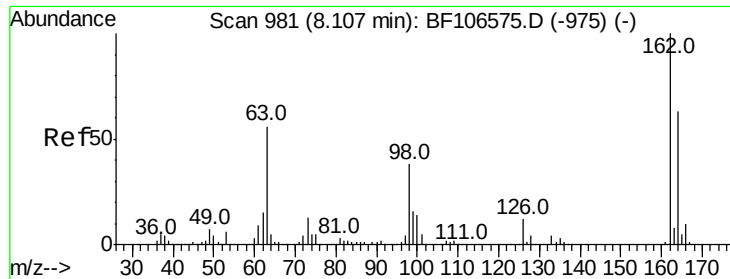
95 33.5 26.3 39.5

123 11.0 9.8 14.6



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

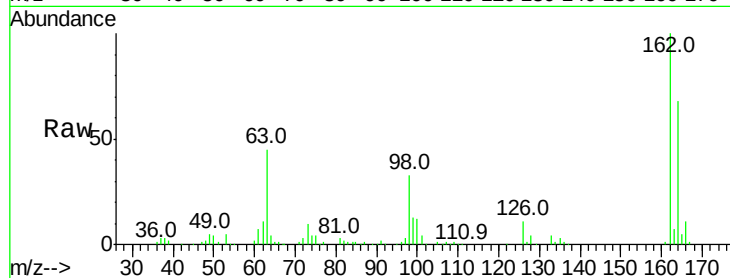




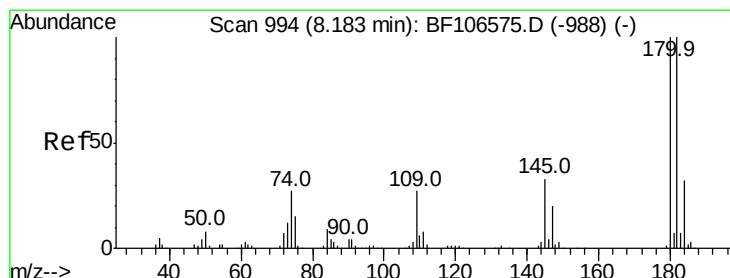
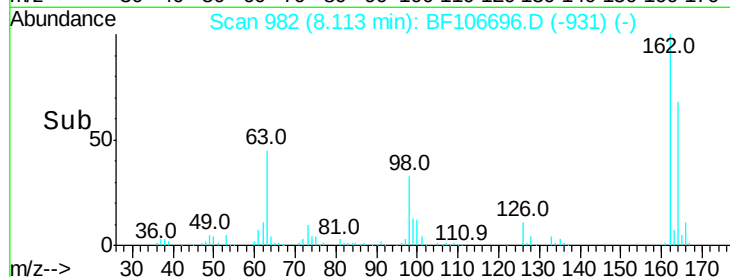
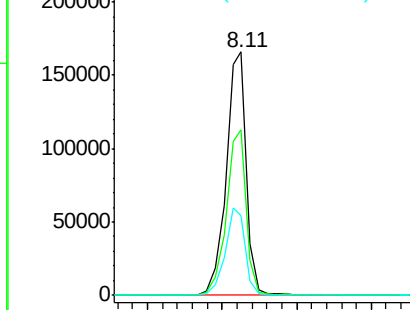
#29  
 2,4-Dichlorophenol  
 Concen: 39.084 ng  
 RT: 8.11 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.8  | 42.7  | 82.7  |
| 98      | 32.6  | 18.1  | 58.1  |

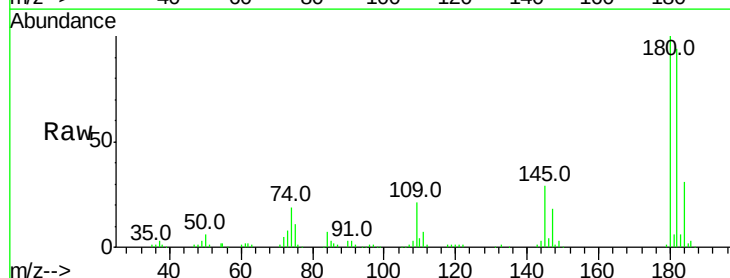


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

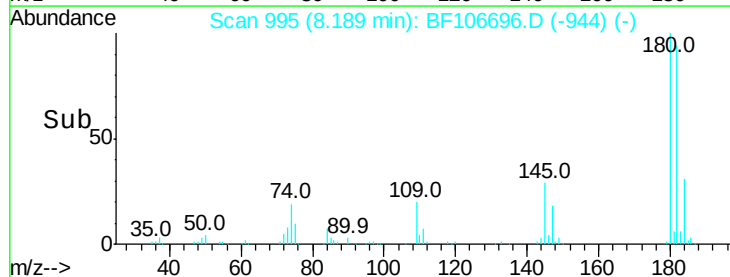
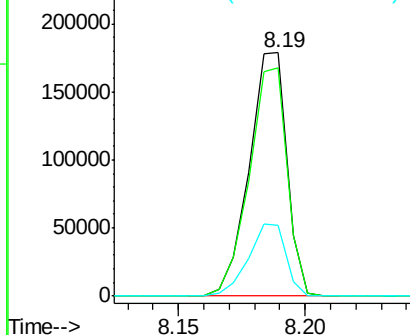


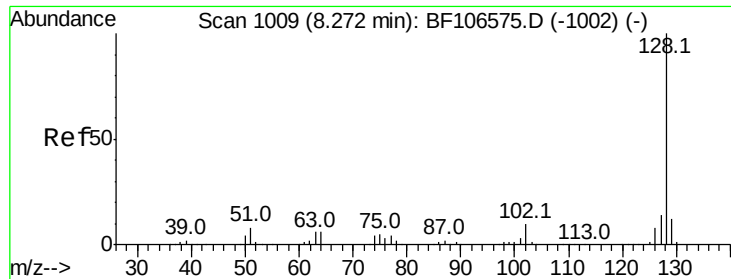
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.499 ng  
 RT: 8.19 min Scan# 995  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.8  | 76.8  | 115.2 |
| 145     | 29.0  | 26.5  | 39.7  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

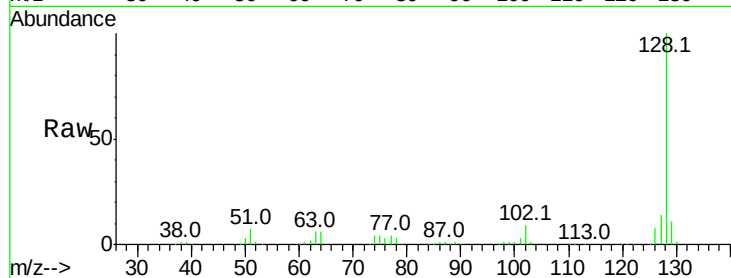




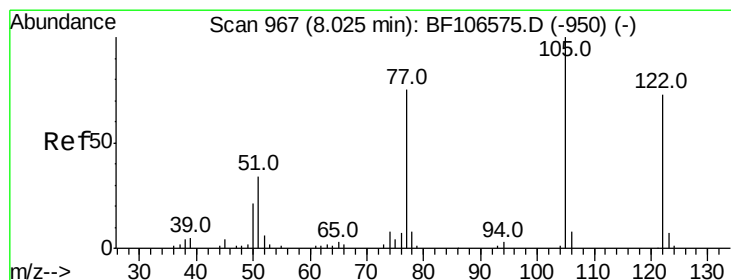
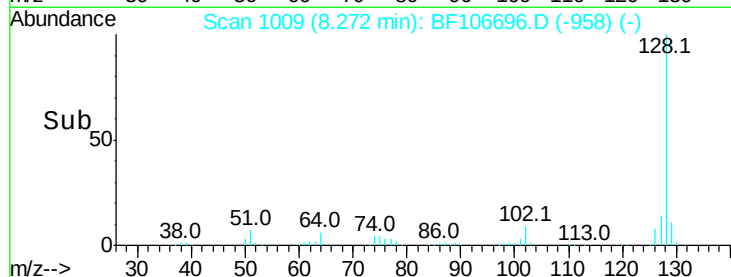
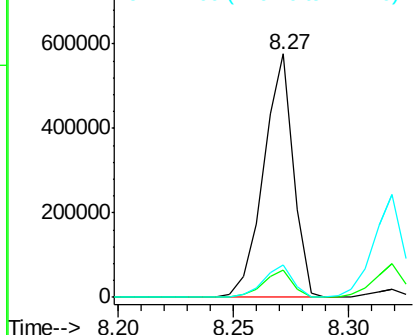
#31  
Naphthalene  
Concen: 37.951 ng  
RT: 8.27 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:128 Resp: 514625  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.8 13.2  
127 13.6 10.9 16.3

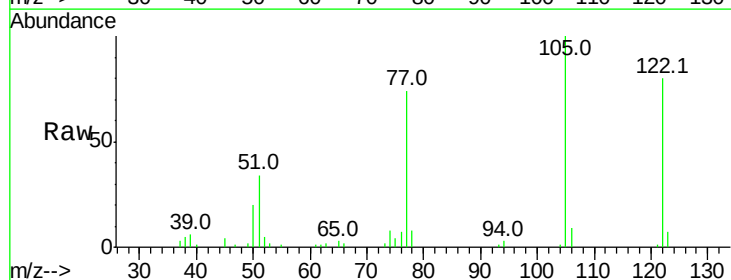


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

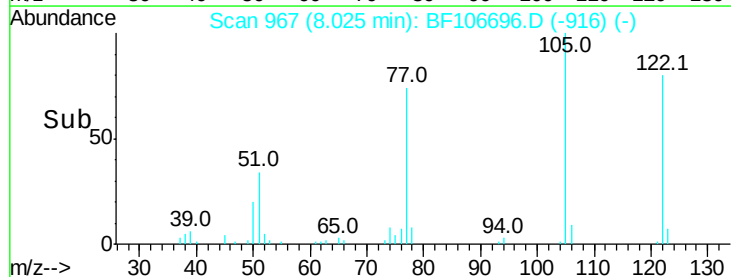
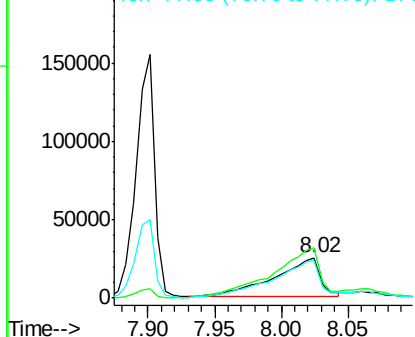


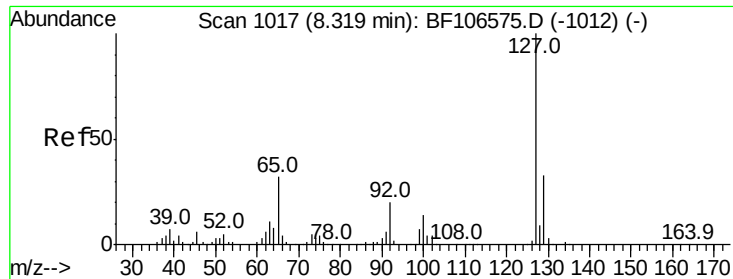
#32  
Benzoic acid  
Concen: 24.041 ng  
RT: 8.02 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Tgt Ion:122 Resp: 58801  
Ion Ratio Lower Upper  
122 100  
105 125.1 101.1 141.1  
77 92.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF1

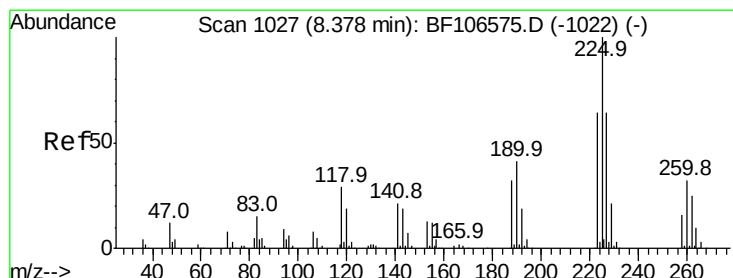
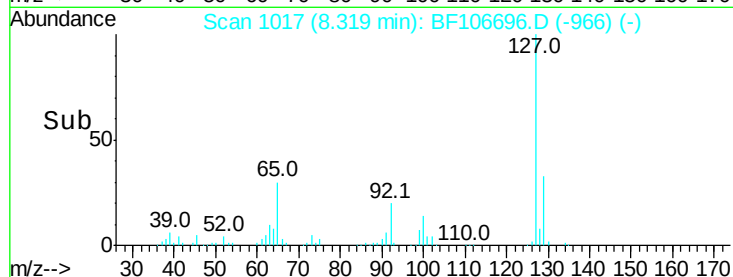
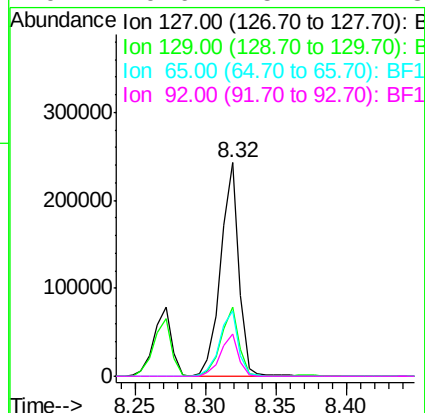
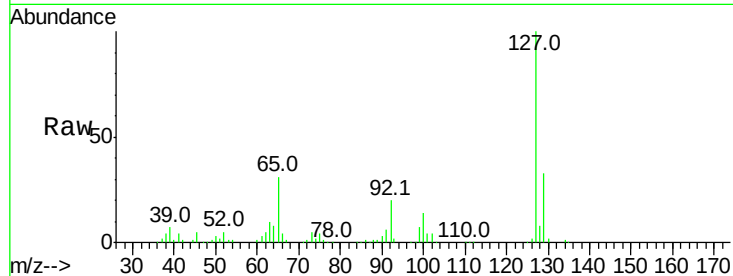




#33  
 4-Chloroaniline  
 Concen: 38.049 ng  
 RT: 8.32 min Scan# 1017  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

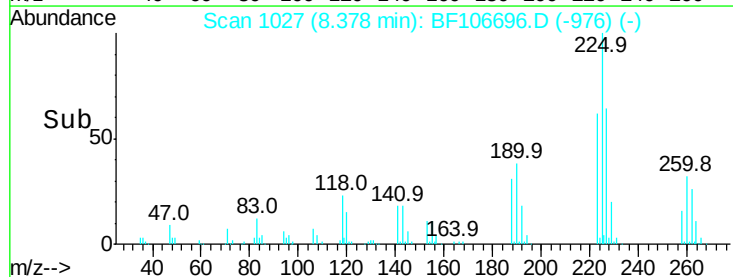
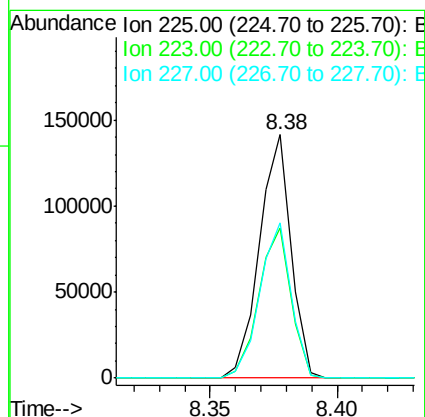
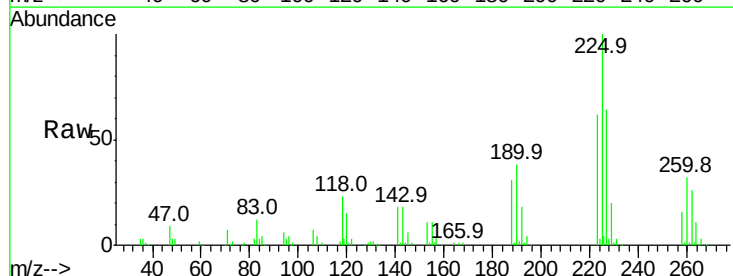
Instrument :  
 BNA\_F  
 ClientSampleId :

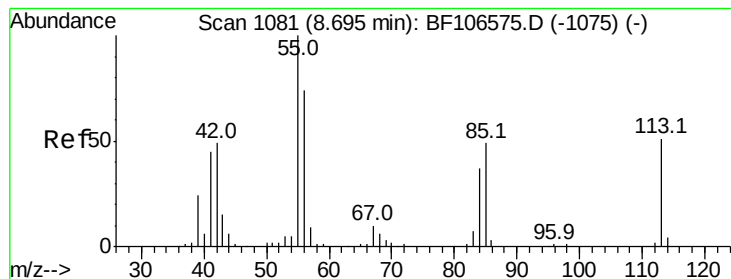
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 216492 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.9  | 38.9   |
| 65       | 30.8  | 25.0  | 37.4   |
| 92       | 19.6  | 15.2  | 22.8   |



#34  
 Hexachlorobutadiene  
 Concen: 42.042 ng  
 RT: 8.38 min Scan# 1027  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 122837 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.9  | 50.6  | 76.0   |
| 227      | 64.0  | 51.9  | 77.9   |





#35

Caprolactam

Concen: 37.312 ng

RT: 8.70 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampled :

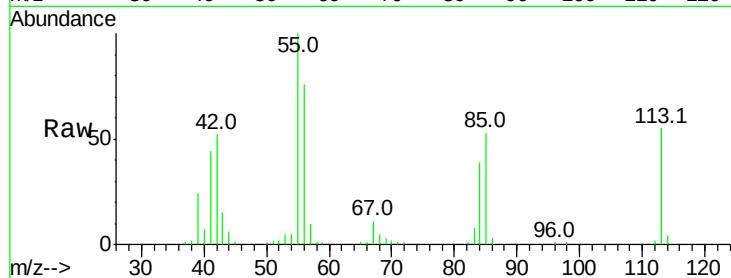
Tot Ion:113 Resp: 49507

Ion Ratio Lower Upper

113 100

55 181.0 163.3 203.3

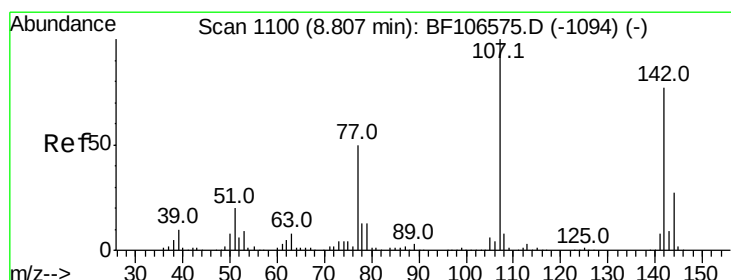
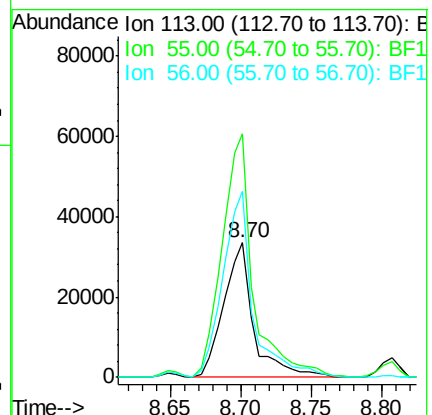
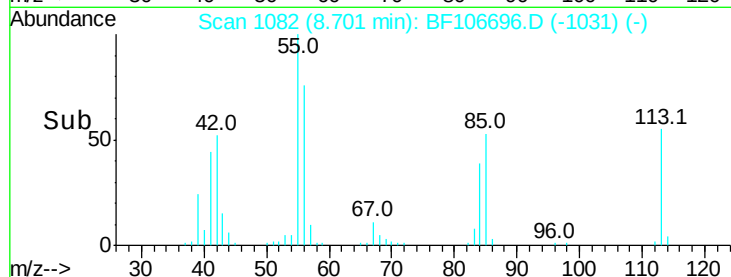
56 138.1 115.7 155.7



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: 38.389 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

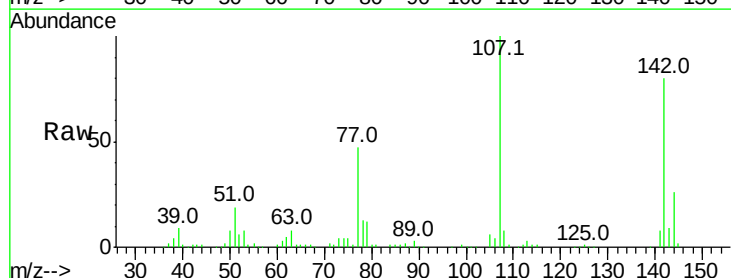
Tgt Ion:107 Resp: 164472

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

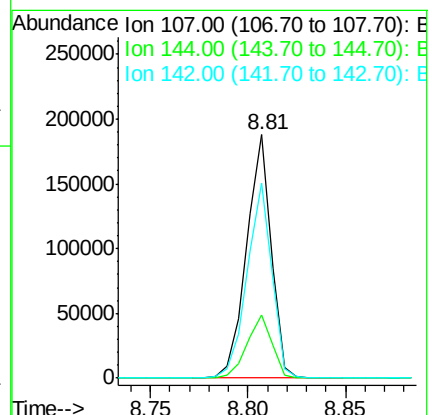
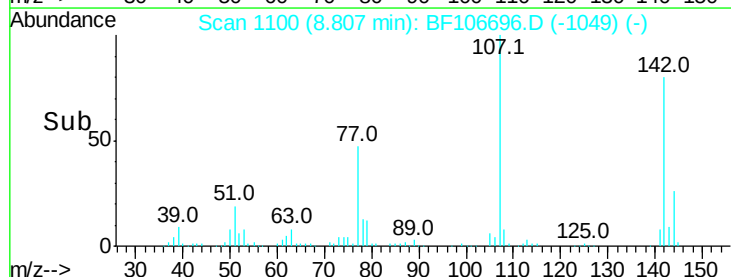
142 79.9 62.0 93.0

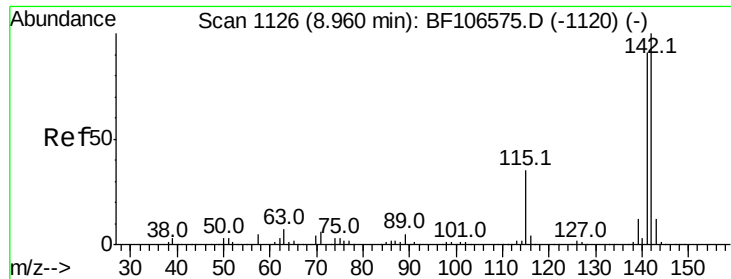


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

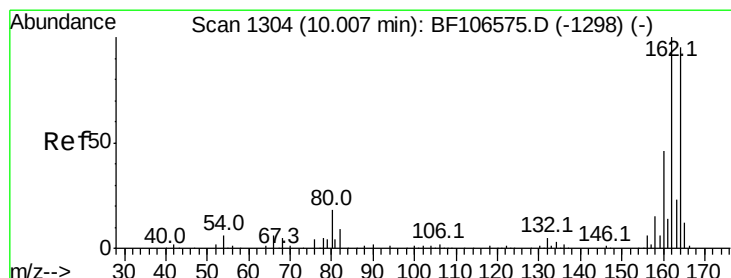
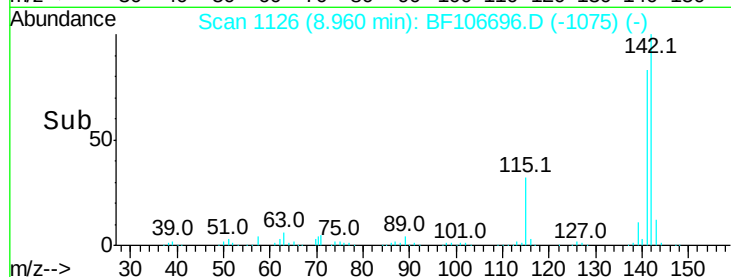
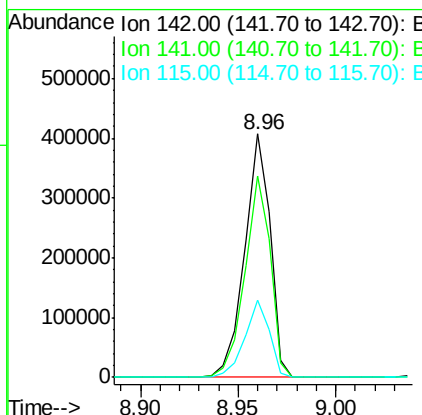
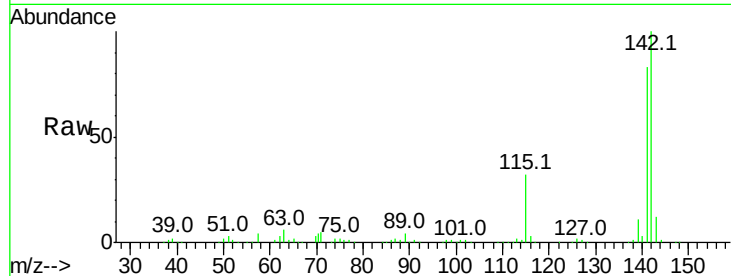




#37  
2-Methylnaphthalene  
Concen: 40.991 ng  
RT: 8.96 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

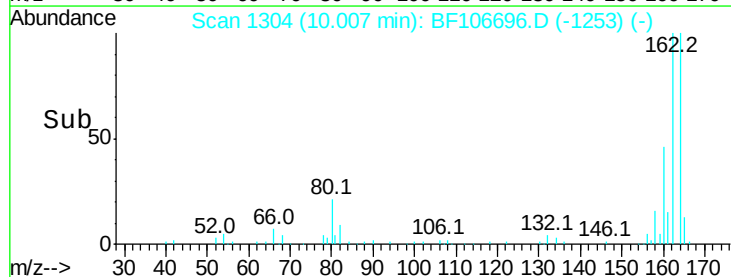
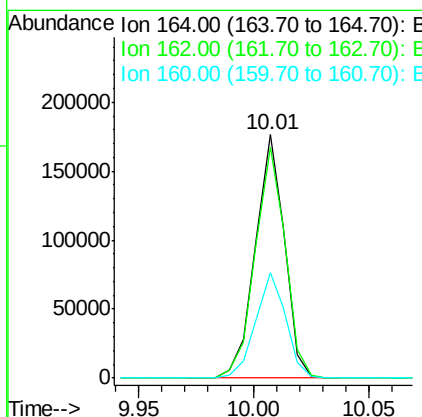
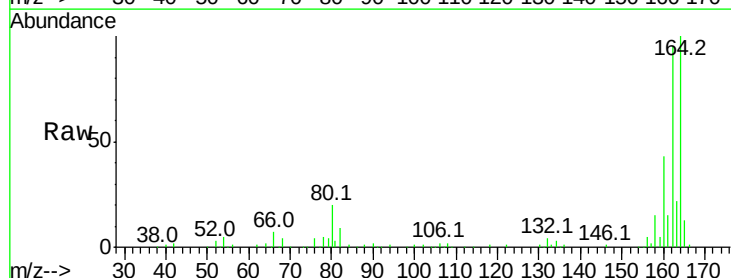
Instrument :  
BNA\_F  
ClientSampled :

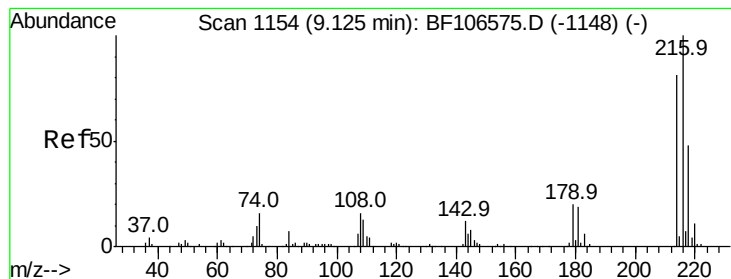
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 82.7  | 70.8  | 106.2 |
| 115     | 32.0  | 26.1  | 39.1  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.01 min Scan# 1304  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 94.9  | 86.1  | 129.1 |
| 160     | 43.3  | 38.3  | 57.5  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.188 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:216 Resp: 199560

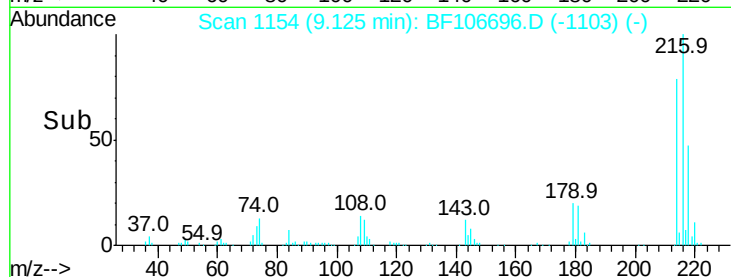
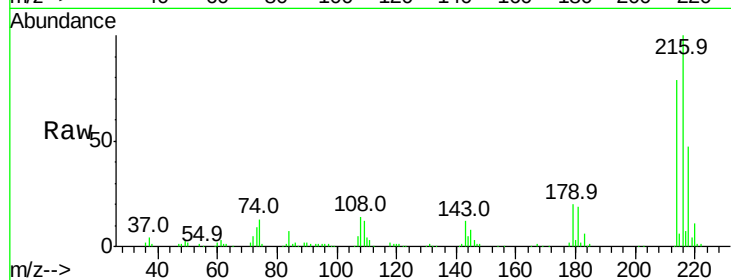
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 19.4 18.1 27.1

108 15.1 17.2 25.8#

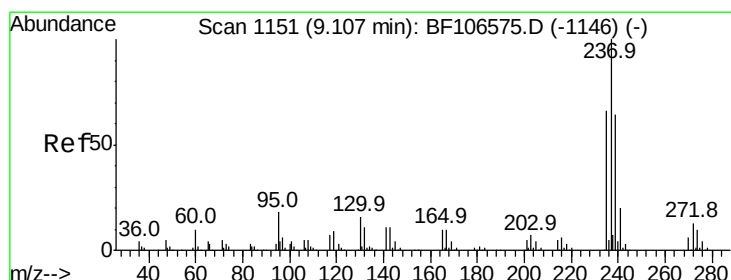
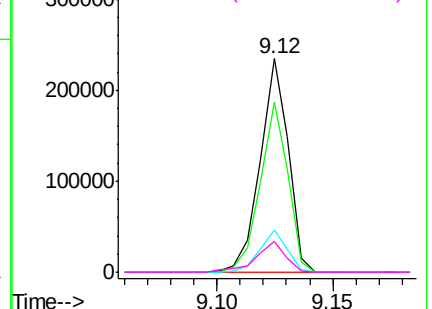


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.687 ng

RT: 9.11 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

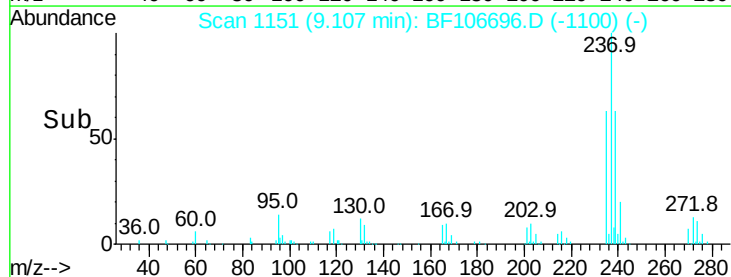
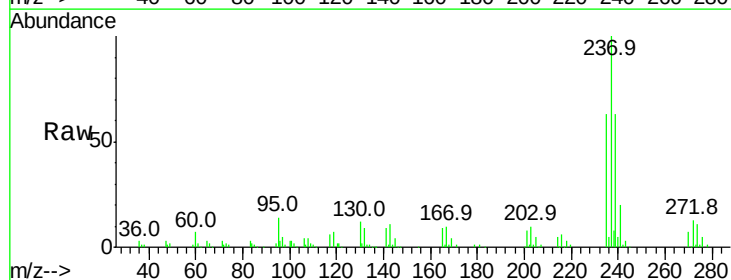
Tgt Ion:237 Resp: 90572

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

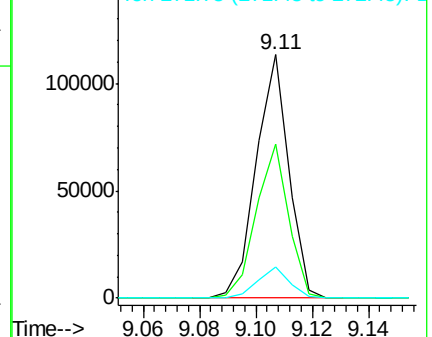
272 12.7 0.0 33.3



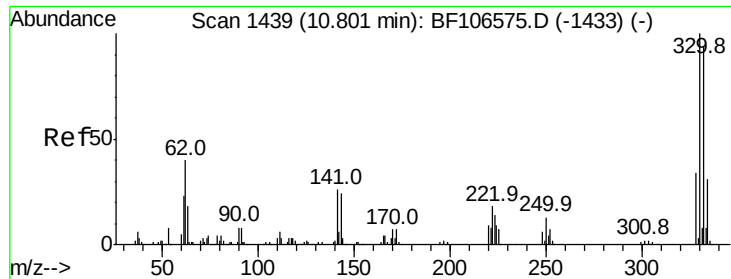
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 80.997 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

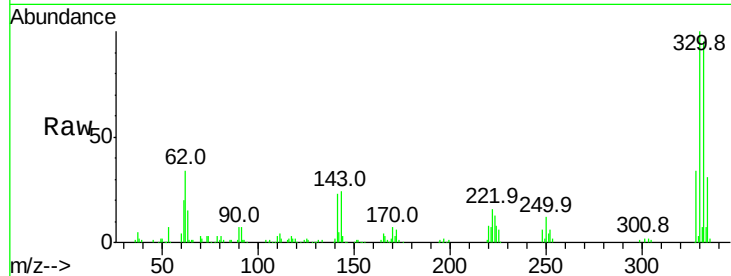
Tot Ion:330 Resp: 145673

Ion Ratio Lower Upper

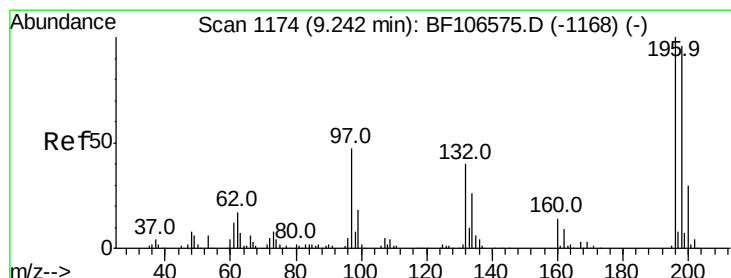
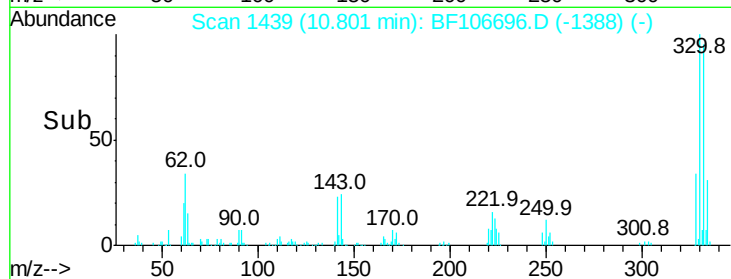
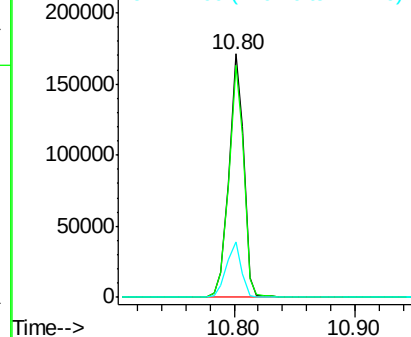
330 100

332 95.9 77.0 115.6

141 22.7 29.9 44.9#



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



#42

2,4,6-Trichlorophenol

Concen: 34.277 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

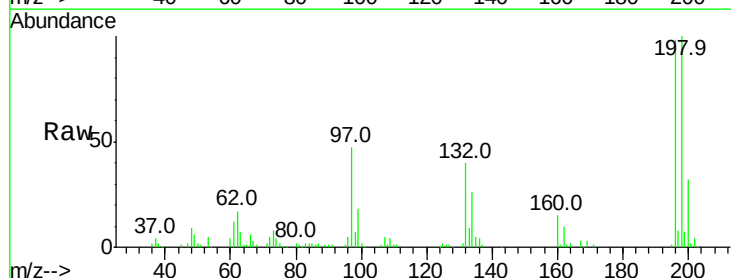
Tgt Ion:196 Resp: 119065

Ion Ratio Lower Upper

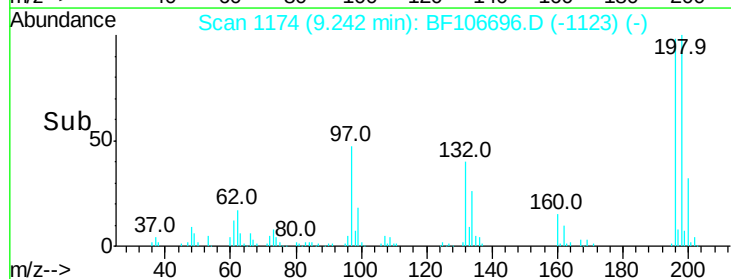
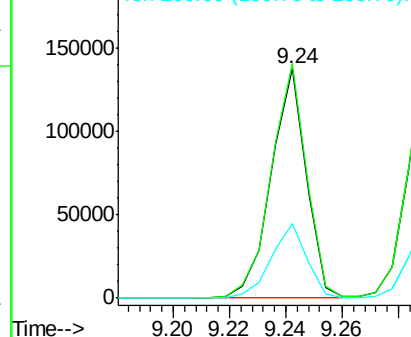
196 100

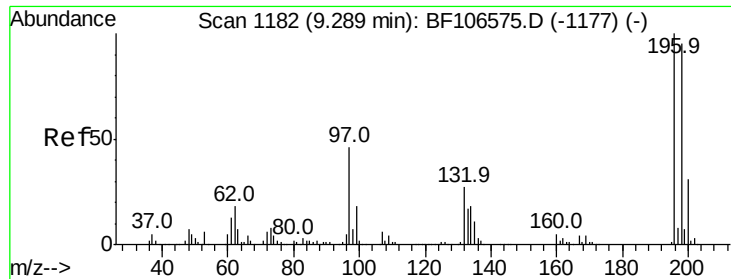
198 102.1 75.7 113.5

200 32.8 24.5 36.7



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

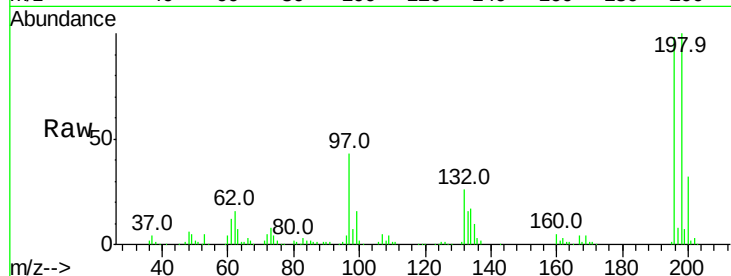




#43  
 2,4,5-Trichlorophenol  
 Concen: 35.268 ng  
 RT: 9.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 102.4 | 74.6  | 112.0 |
| 97      | 44.0  | 42.9  | 64.3  |
| 132     | 26.1  | 26.3  | 39.5  |



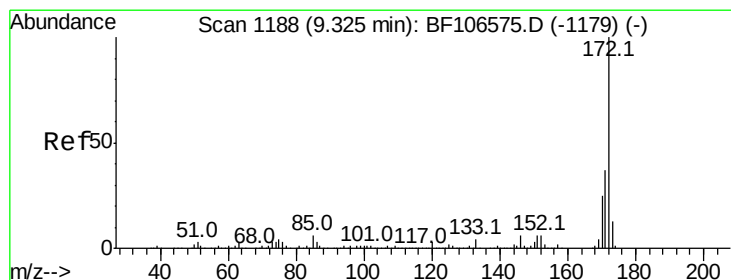
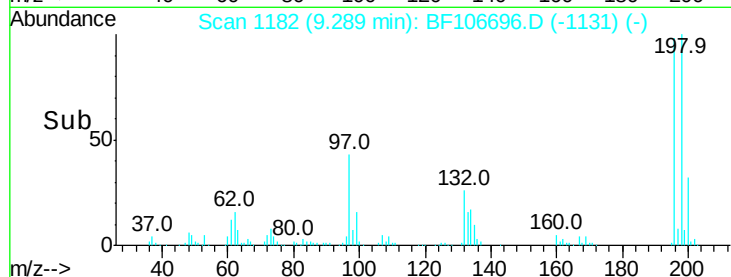
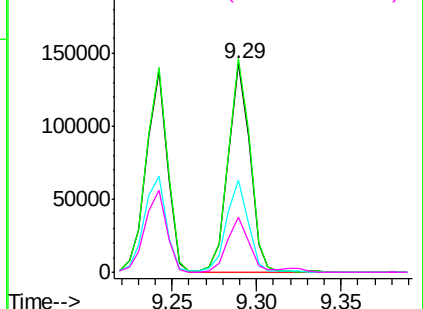
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

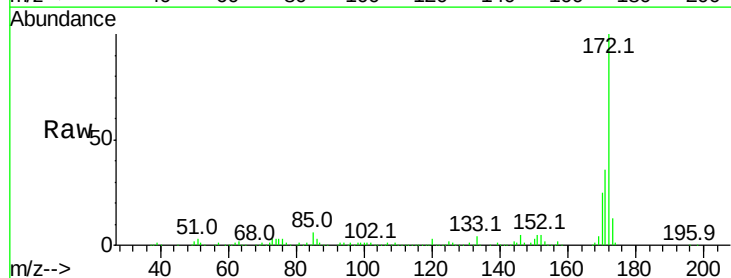
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 75.020 ng  
 RT: 9.32 min Scan# 1188  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 29.7  | 44.5  |
| 170     | 24.8  | 19.6  | 29.4  |

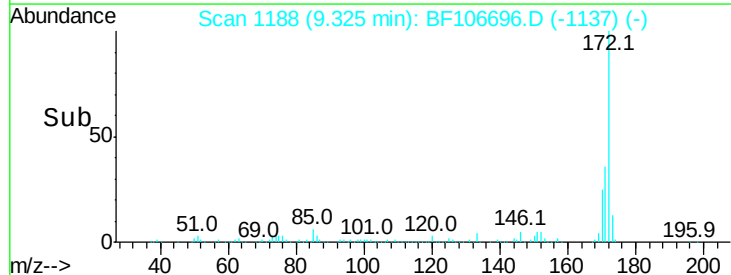
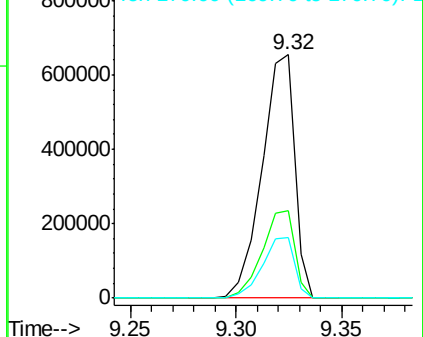


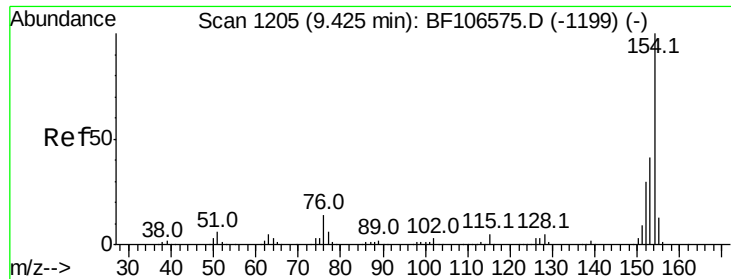
Abundance

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





#45

1,1'-Biphenyl

Concen: 36.886 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

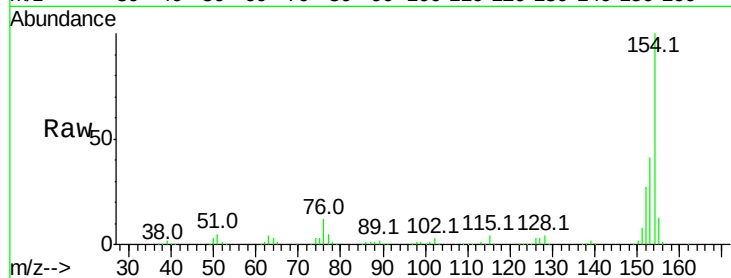
Tot Ion:154 Resp: 456151

Ion Ratio Lower Upper

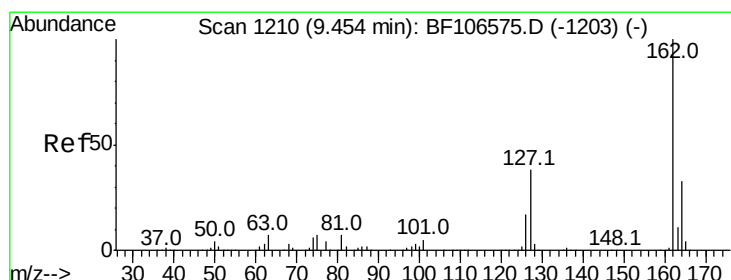
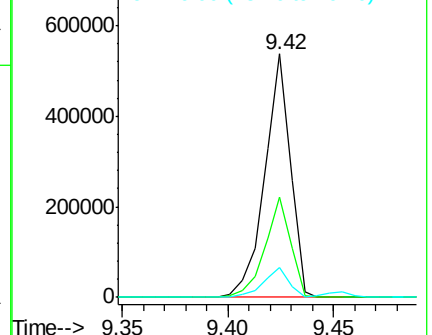
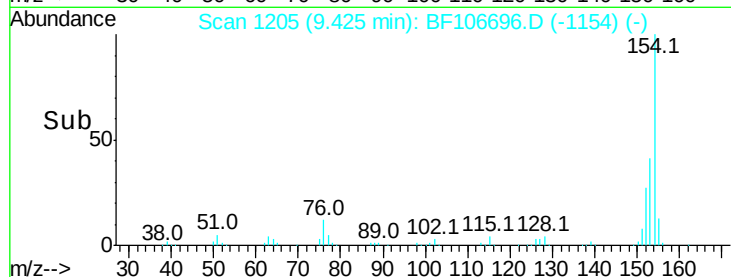
154 100

153 41.4 21.3 61.3

76 12.3 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 34.513 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

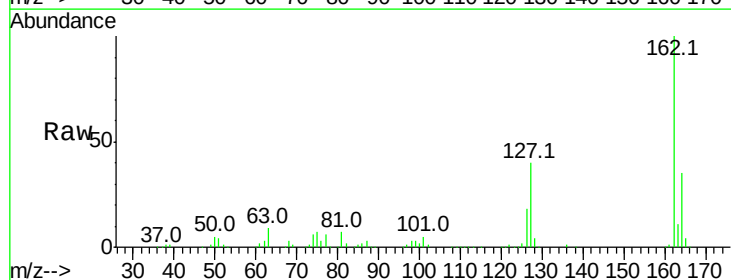
Tgt Ion:162 Resp: 335956

Ion Ratio Lower Upper

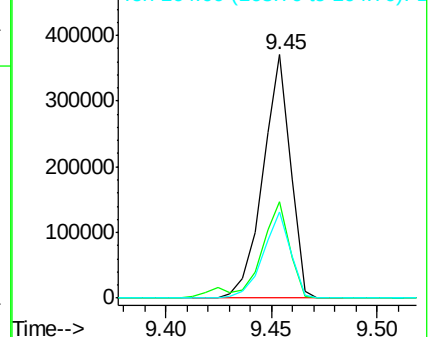
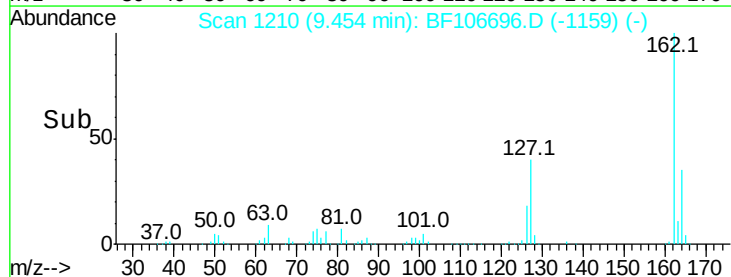
162 100

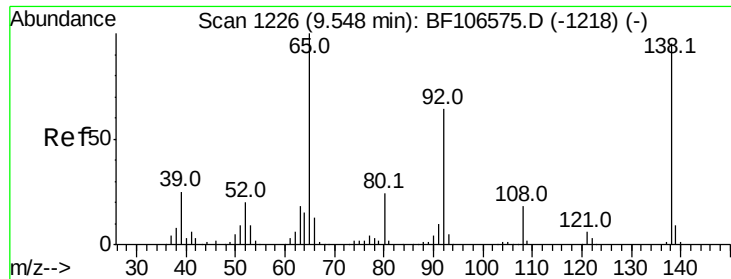
127 39.7 33.9 50.9

164 35.3 26.5 39.7



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

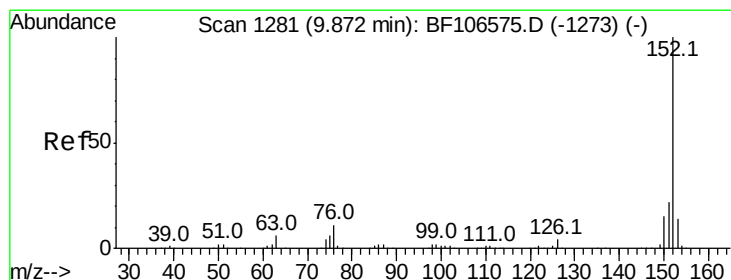
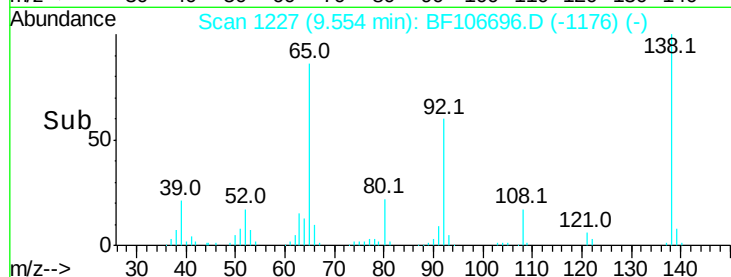
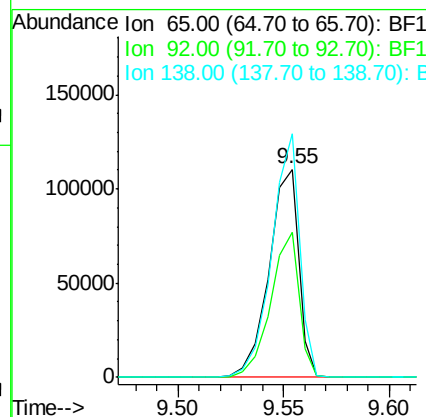
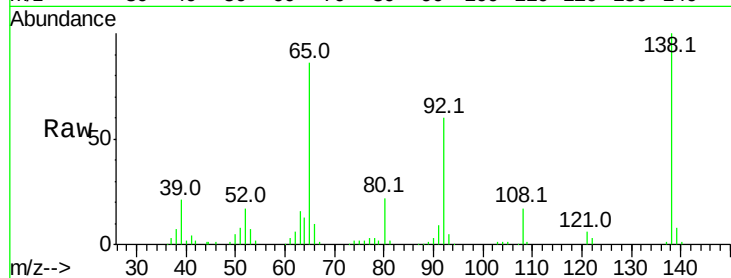




#47  
2-Nitroaniline  
Concen: 33.177 ng  
RT: 9.55 min Scan# 1227  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

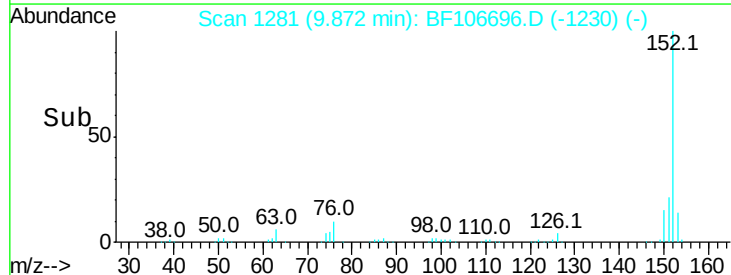
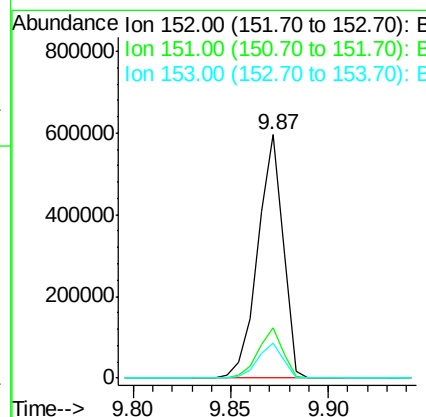
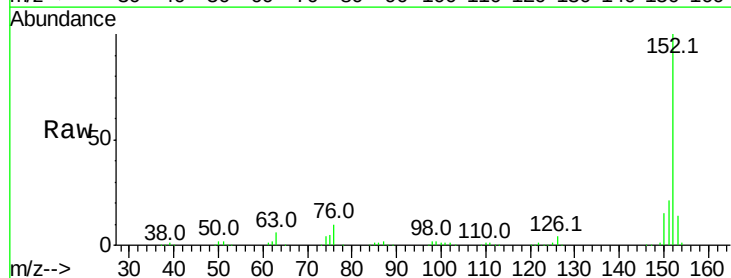
Instrument :  
BNA\_F  
ClientSampleId :

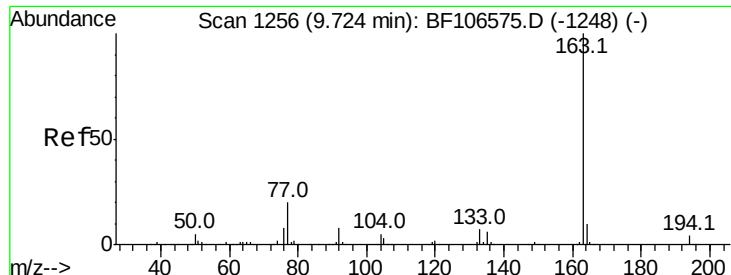
Tot Ion: 65 Resp: 108600  
Ion Ratio Lower Upper  
65 100  
92 69.7 55.8 83.6  
138 116.8 91.2 136.8



#48  
Acenaphthylene  
Concen: 34.885 ng  
RT: 9.87 min Scan# 1281  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Tgt Ion:152 Resp: 536121  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.3 24.5  
153 14.3 10.7 16.1

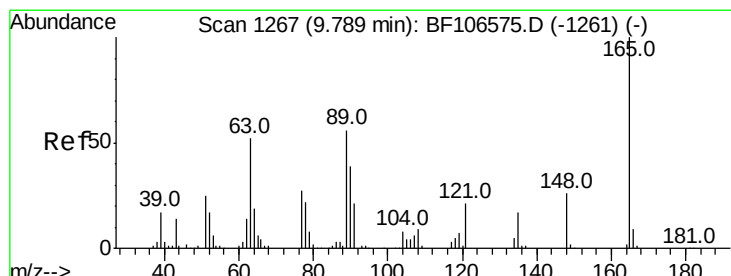
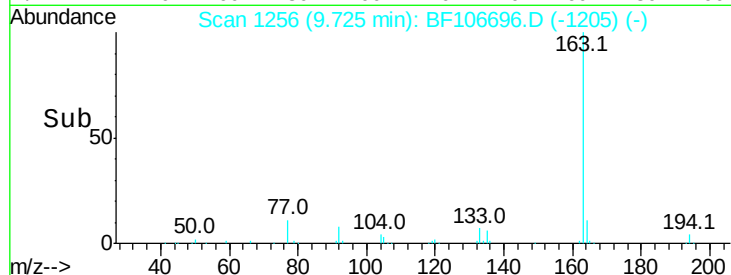
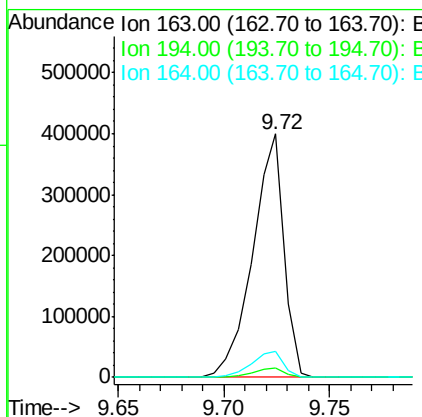
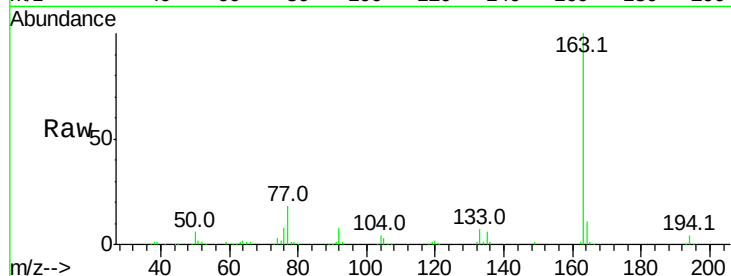




#49  
 Dimethylphthalate  
 Concen: 35.129 ng  
 RT: 9.72 min Scan# 1256  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

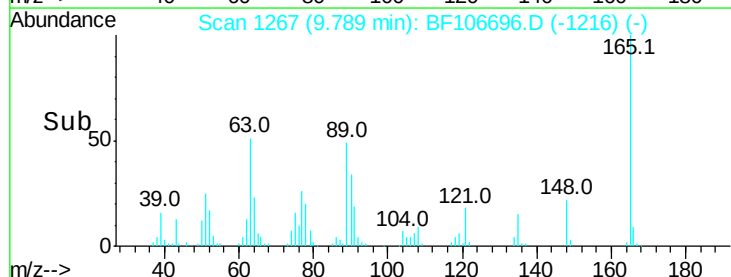
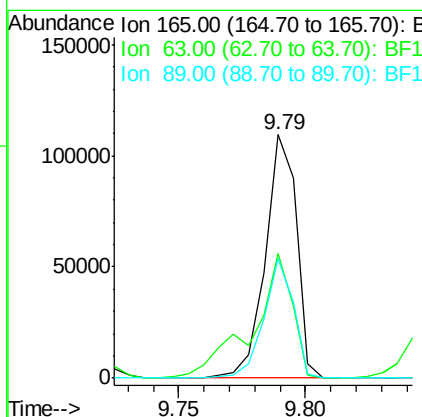
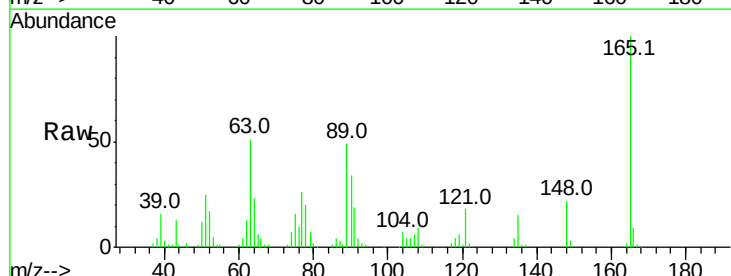
Instrument :  
 BNA\_F  
 ClientSampled :

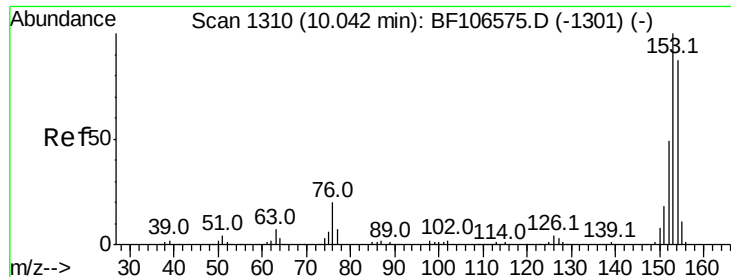
Tot Ion:163 Resp: 408833  
 Ion Ratio Lower Upper  
 163 100  
 194 4.0 2.7 4.1  
 164 10.6 8.2 12.2



#50  
 2,6-Dinitrotoluene  
 Concen: 38.255 ng  
 RT: 9.79 min Scan# 1267  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion:165 Resp: 94276  
 Ion Ratio Lower Upper  
 165 100  
 63 51.1 44.7 67.1  
 89 49.1 44.0 66.0





#51

Acenaphthene

Concen: 34.593 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

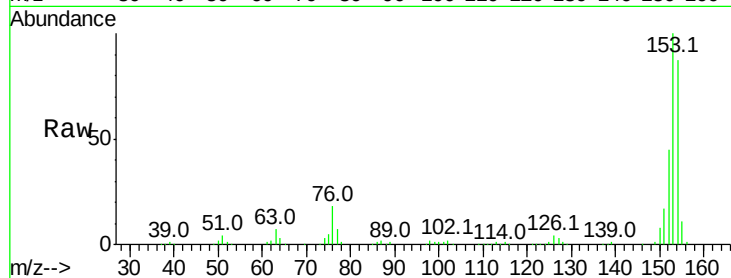
Tot Ion:154 Resp: 334782

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

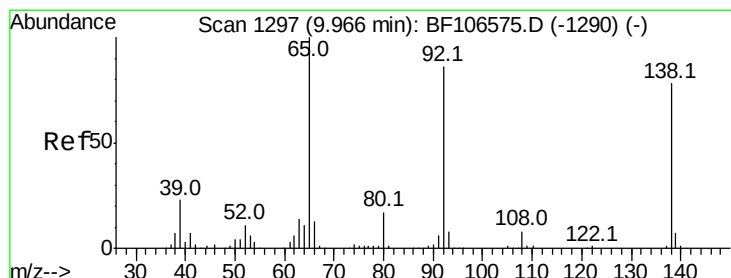
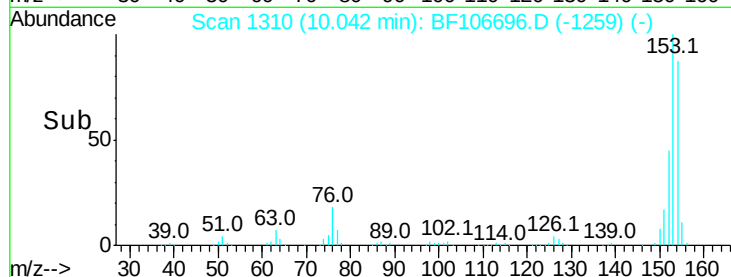
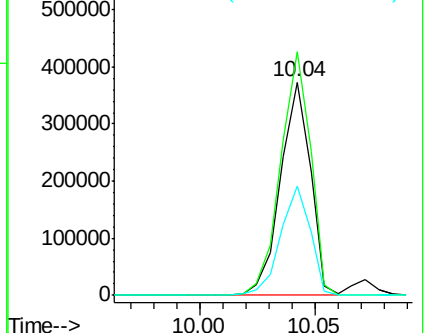
152 51.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.721 ng

RT: 9.97 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

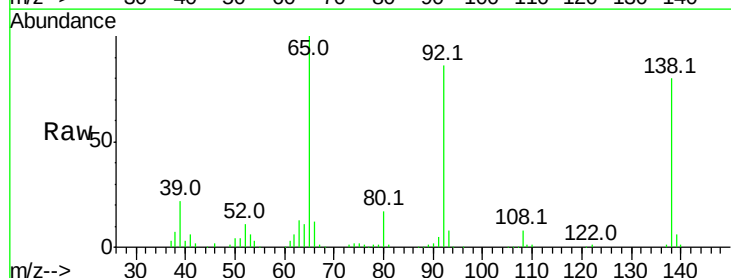
Tgt Ion:138 Resp: 101300

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

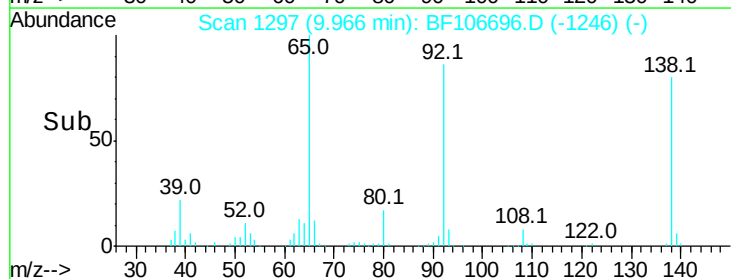
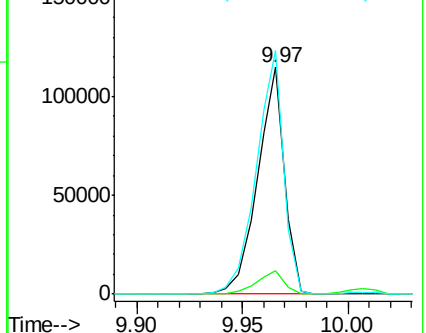
92 107.3 89.4 134.2

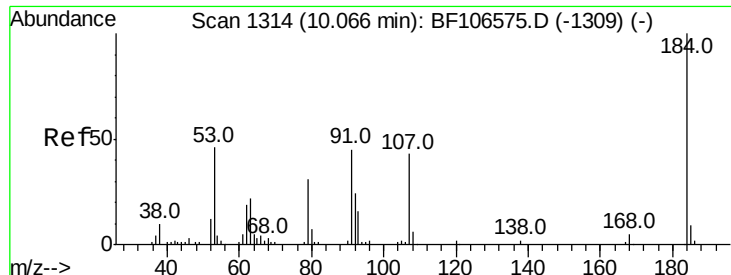


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

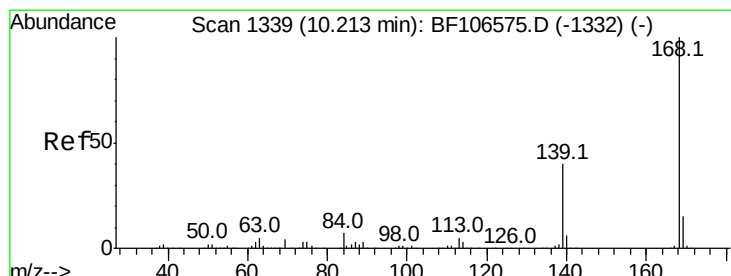
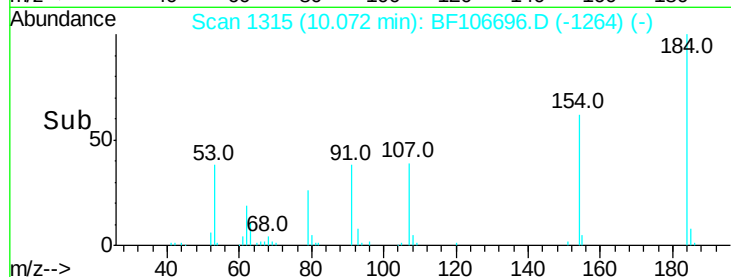
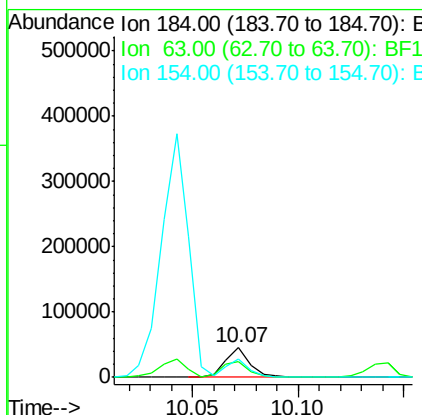
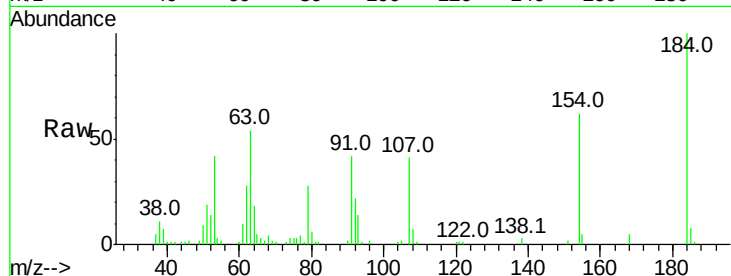




#53  
 2,4-Dinitrophenol  
 Concen: 32.720 ng  
 RT: 10.07 min Scan# 1315  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

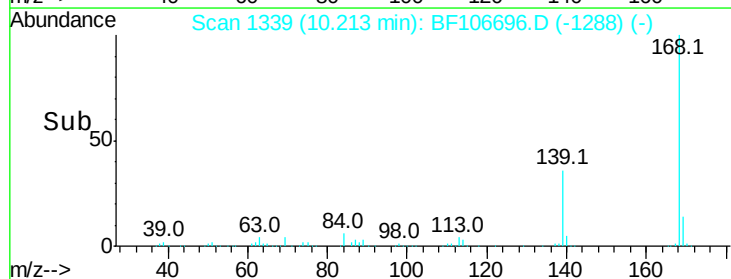
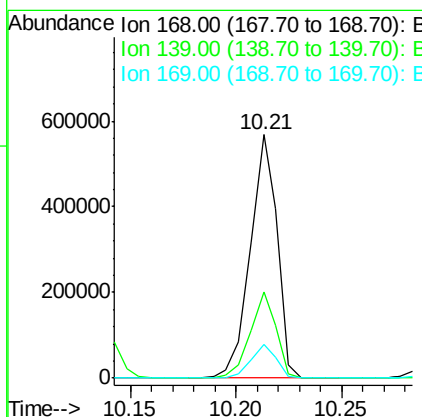
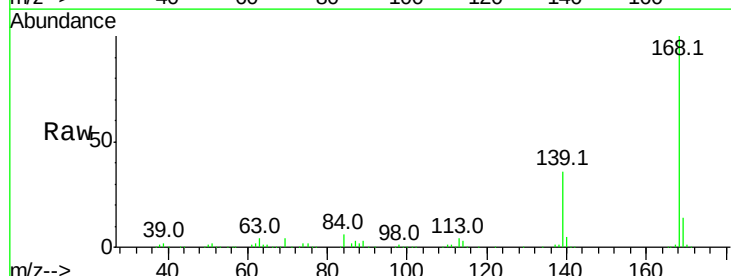
Instrument :  
 BNA\_F  
 ClientSampled :

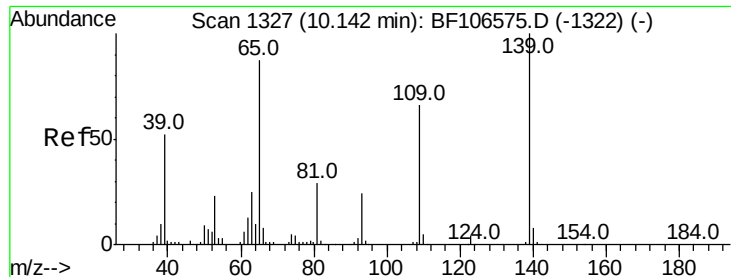
Tot Ion:184 Resp: 37580  
 Ion Ratio Lower Upper  
 184 100  
 63 53.6 54.2 81.2#  
 154 61.7 184.0 276.0#



#54  
 Dibenzofuran  
 Concen: 37.804 ng  
 RT: 10.21 min Scan# 1339  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion:168 Resp: 500972  
 Ion Ratio Lower Upper  
 168 100  
 139 35.7 30.1 45.1  
 169 14.0 10.9 16.3

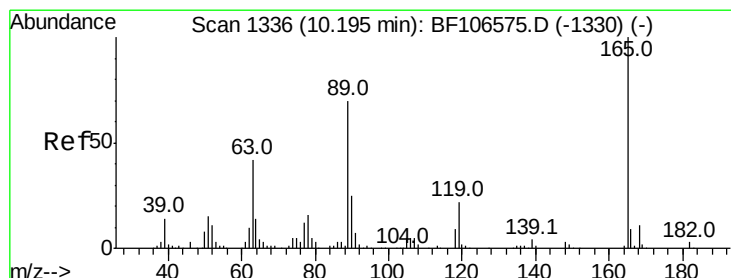
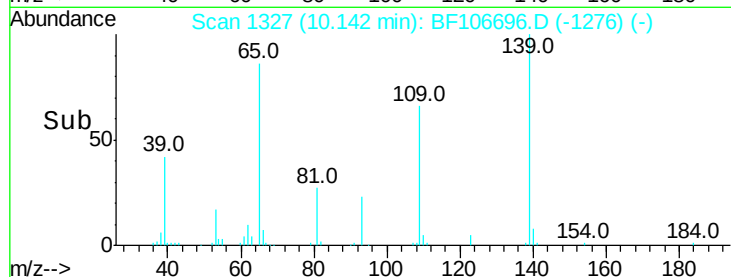
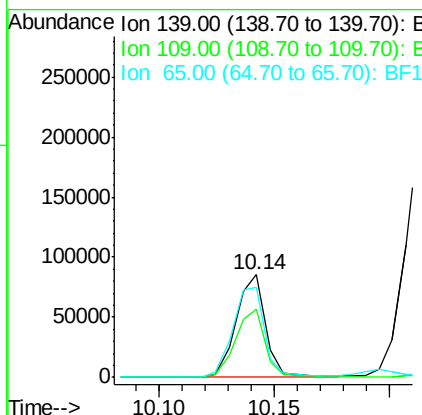
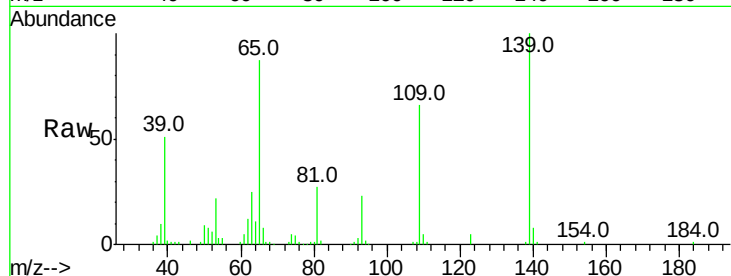




#55  
4-Nitrophenol  
Concen: 38.535 ng  
RT: 10.14 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

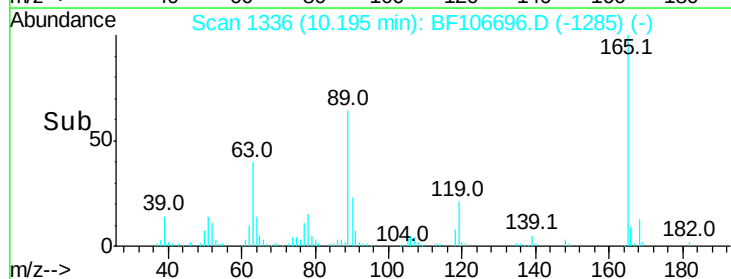
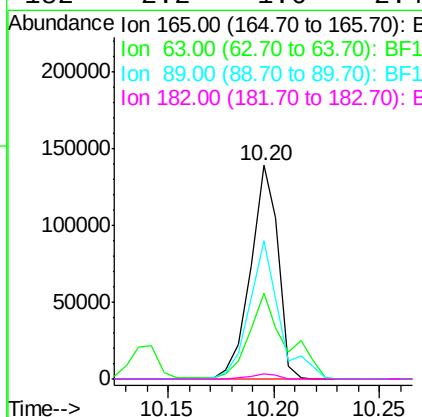
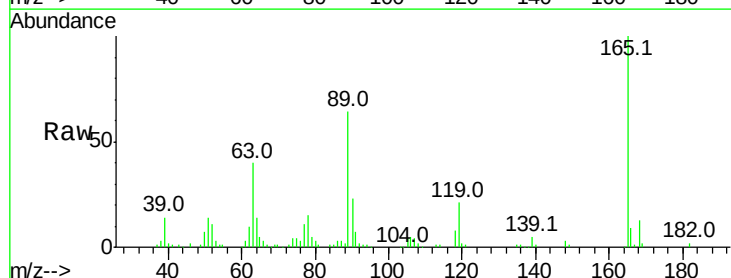
Instrument :  
BNA\_F  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 66.4  | 48.4  | 88.4  |
| 65      | 87.4  | 72.6  | 112.6 |

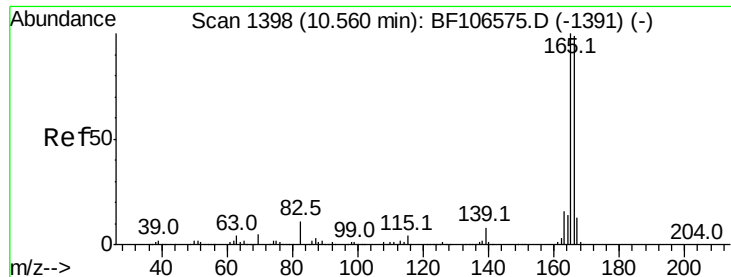


#56  
2,4-Dinitrotoluene  
Concen: 39.008 ng  
RT: 10.20 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 39.9  | 36.4  | 54.6  |
| 89      | 64.5  | 57.8  | 86.6  |
| 182     | 2.2   | 1.6   | 2.4   |



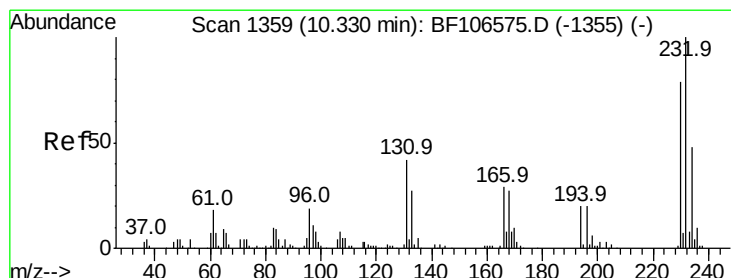
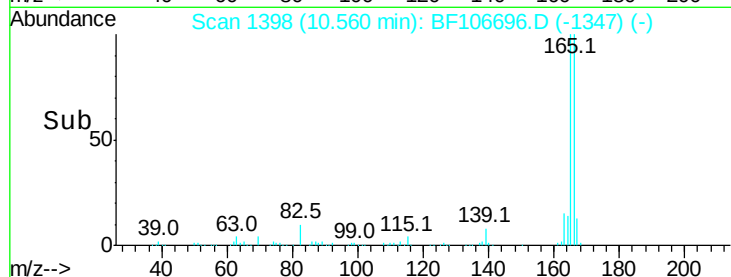
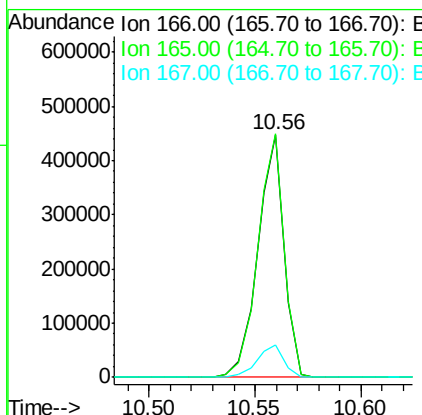
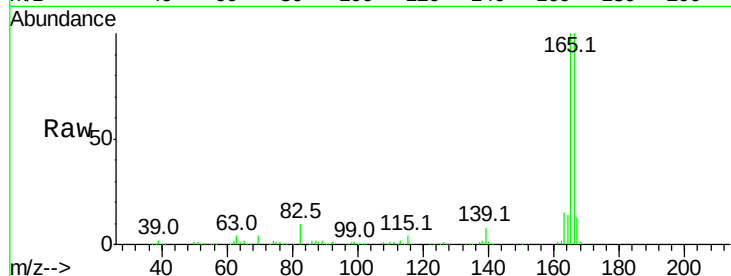




#57  
 Fluorene  
 Concen: 36.734 ng  
 RT: 10.56 min Scan# 1398  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

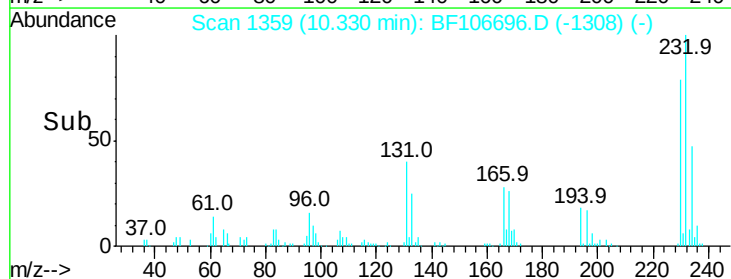
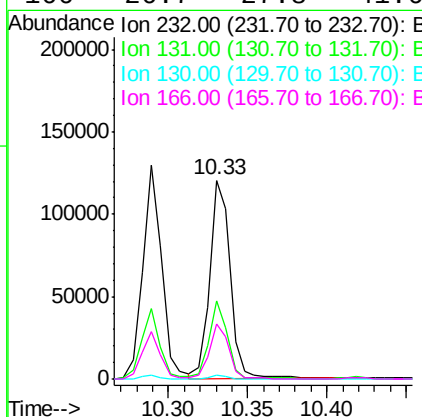
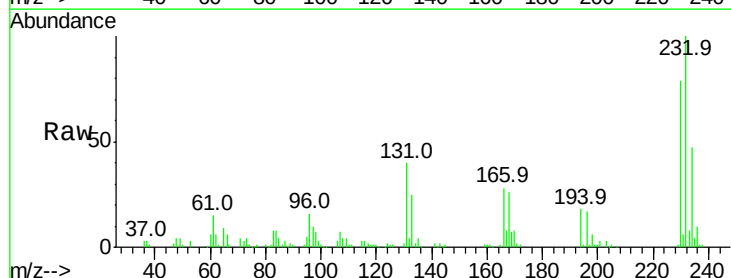
Instrument :  
 BNA\_F  
 ClientSampleId :

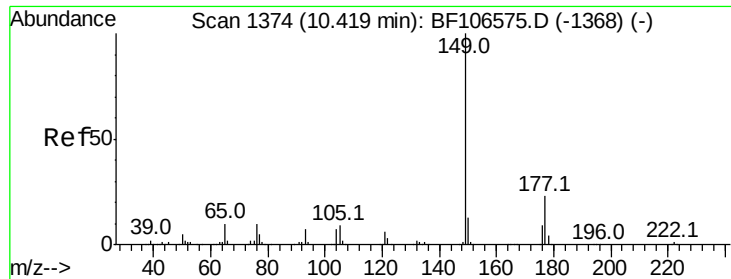
Tot Ion:166 Resp: 386280  
 Ion Ratio Lower Upper  
 166 100  
 165 100.3 79.8 119.8  
 167 13.5 10.6 16.0



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.685 ng  
 RT: 10.33 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion:232 Resp: 108581  
 Ion Ratio Lower Upper  
 232 100  
 131 36.0 43.8 65.8#  
 130 1.5 2.1 3.1#  
 166 26.7 27.8 41.6#

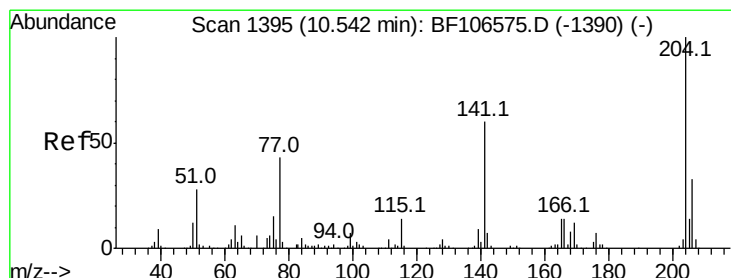
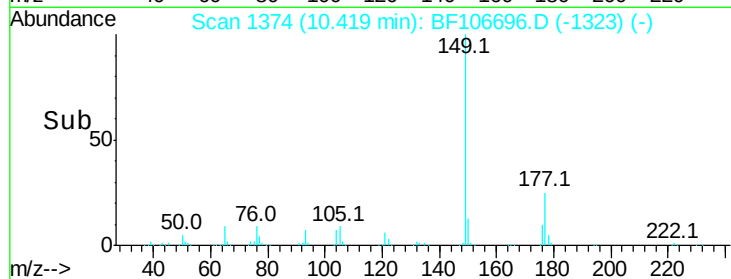
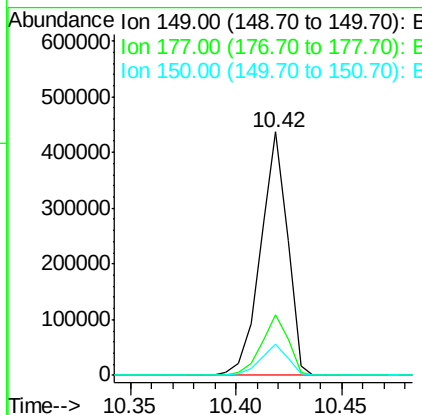
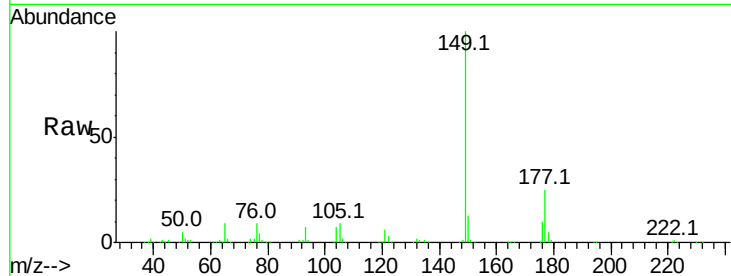




#59  
Diethylphthalate  
Concen: 34.393 ng  
RT: 10.42 min Scan# 1374  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

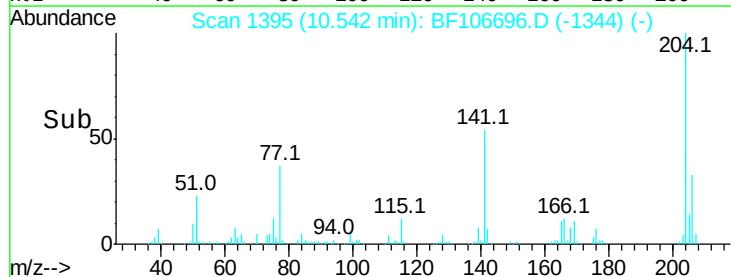
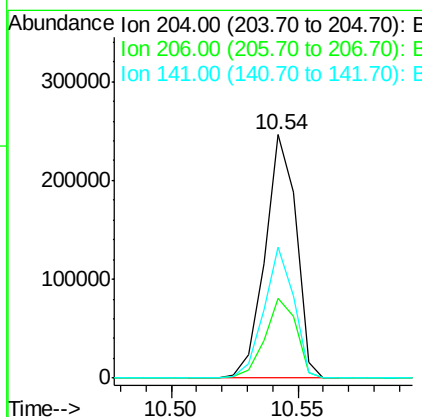
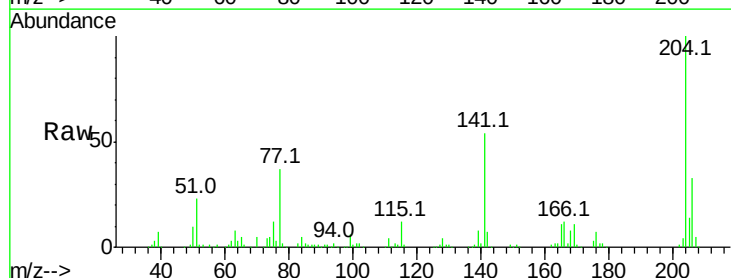
Instrument :  
BNA\_F  
ClientSampled :

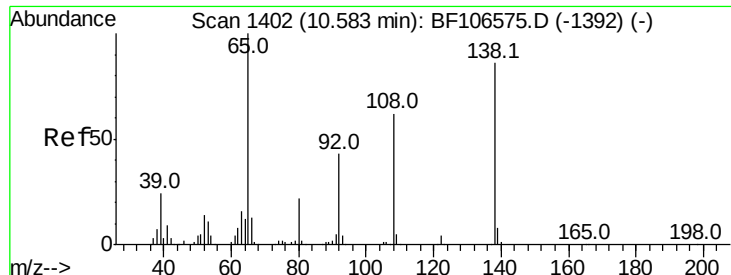
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.8  | 16.1  | 24.1# |
| 150     | 13.0  | 10.1  | 15.1  |



#60  
4-Chlorophenyl-phenylether  
Concen: 38.154 ng  
RT: 10.54 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 26.5  | 39.7  |
| 141     | 53.9  | 54.6  | 81.8# |

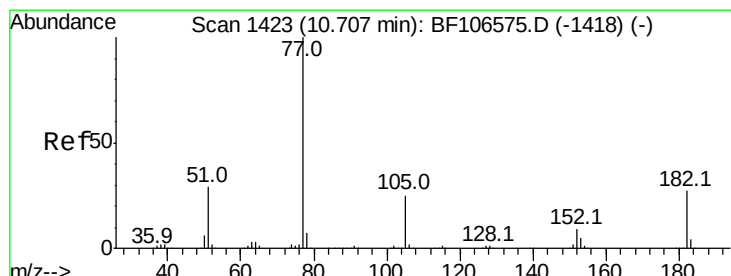
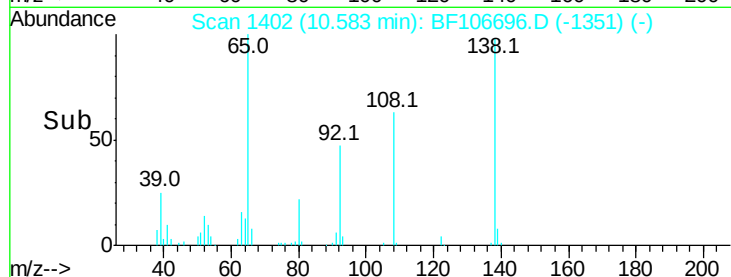
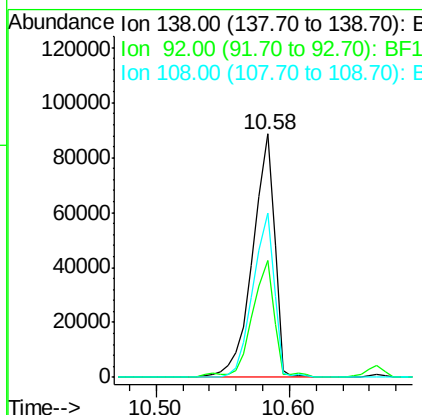
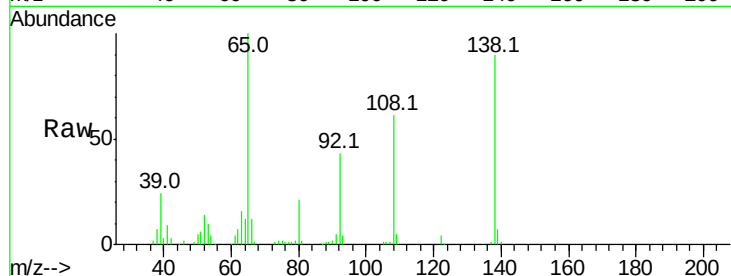




#61  
4-Nitroaniline  
Concen: 35.623 ng  
RT: 10.58 min Scan# 1402  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

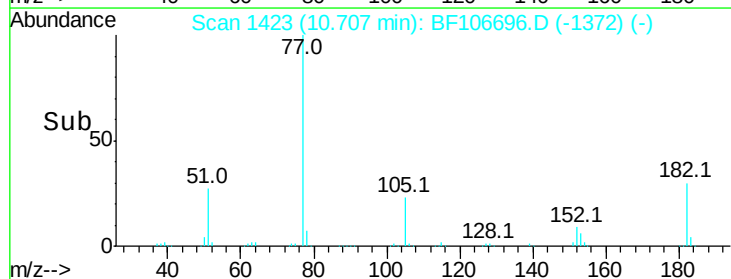
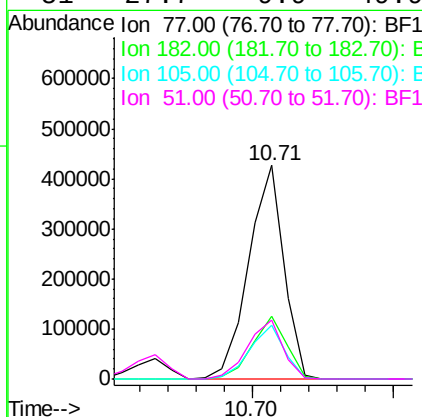
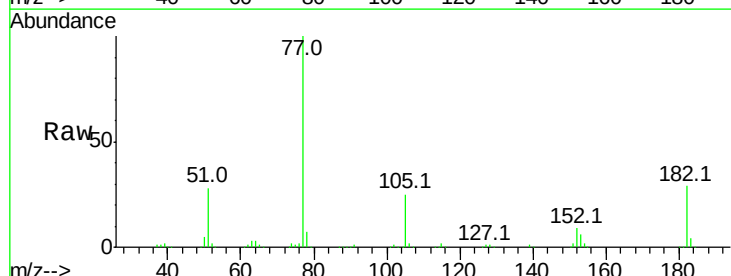
Instrument :  
BNA\_F  
ClientSampled :

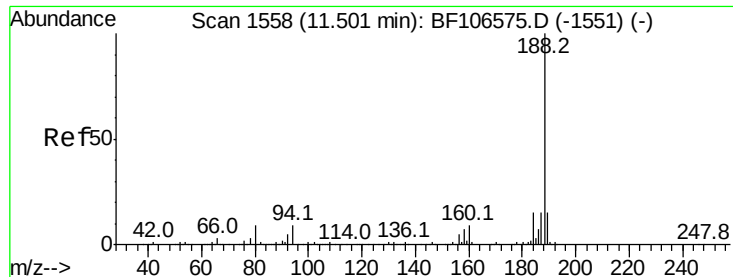
Tot Ion:138 Resp: 100260  
Ion Ratio Lower Upper  
138 100  
92 48.1 30.2 70.2  
108 67.3 52.5 92.5



#62  
Azobenzene  
Concen: 33.277 ng  
RT: 10.71 min Scan# 1423  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Tgt Ion: 77 Resp: 368091  
Ion Ratio Lower Upper  
77 100  
182 29.4 1.7 41.7  
105 25.3 3.0 43.0  
51 27.7 9.9 49.9

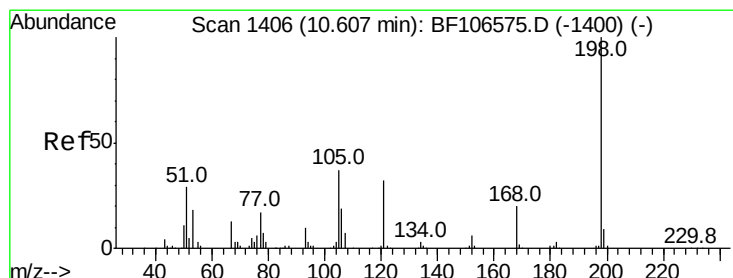
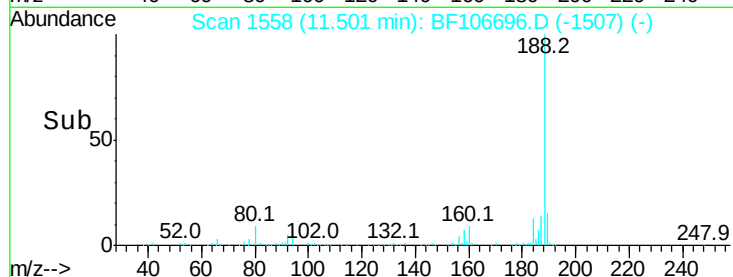
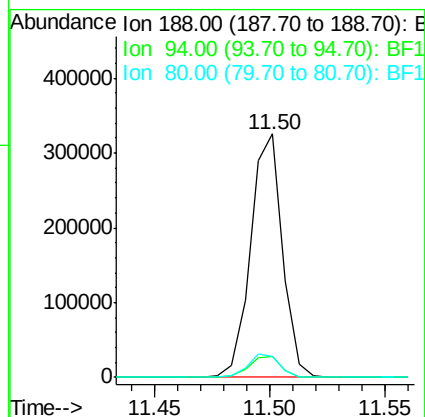
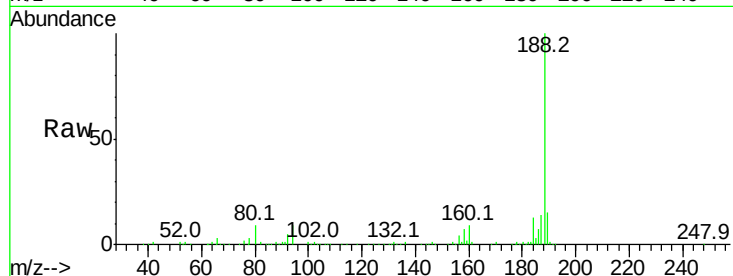




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1558  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

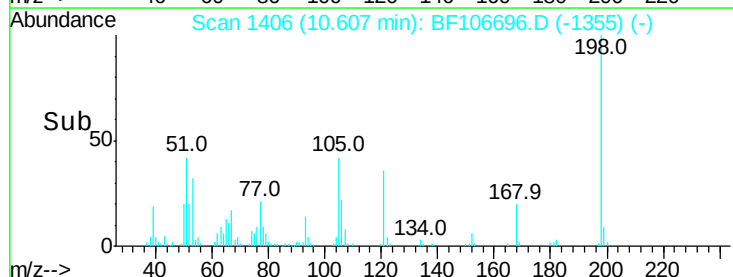
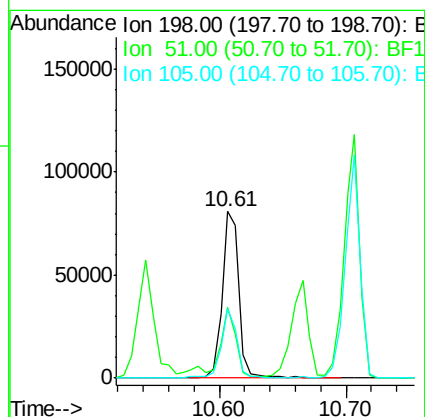
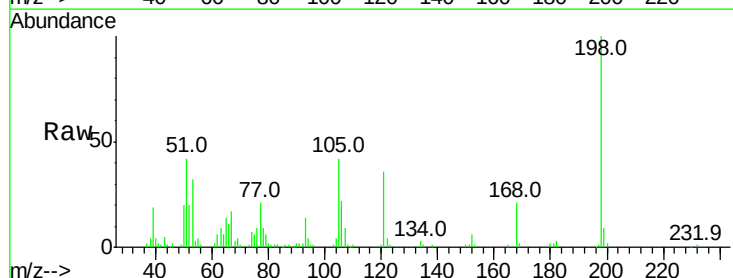
Instrument :  
BNA\_F  
ClientSampleId :

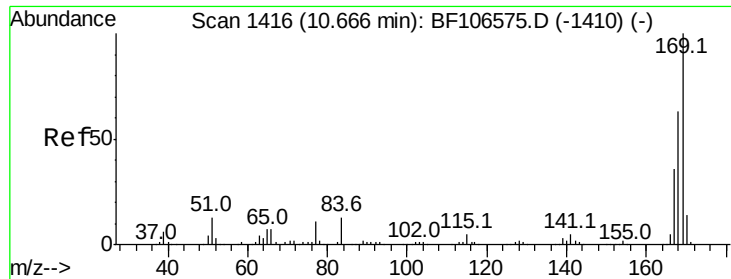
Tot Ion:188 Resp: 312786  
Ion Ratio Lower Upper  
188 100  
94 8.5 8.5 12.7  
80 8.8 9.2 13.8#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 38.263 ng  
RT: 10.61 min Scan# 1406  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Tgt Ion:198 Resp: 73981  
Ion Ratio Lower Upper  
198 100  
51 42.5 37.7 77.7  
105 41.6 36.3 76.3

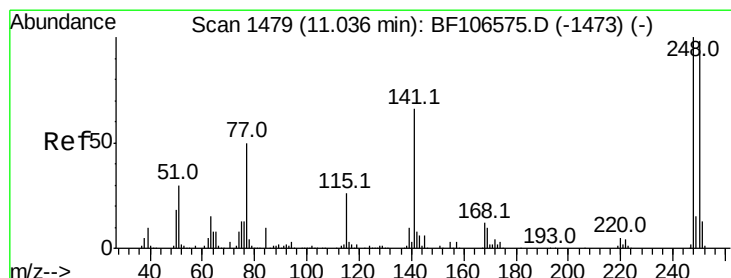
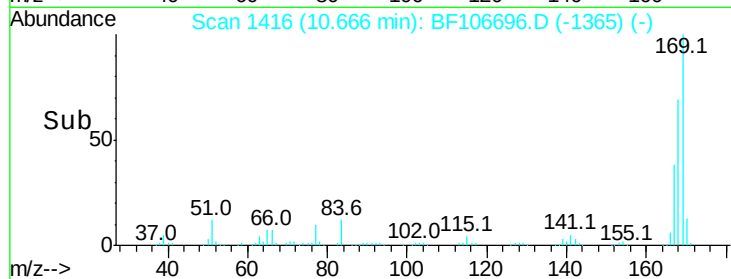
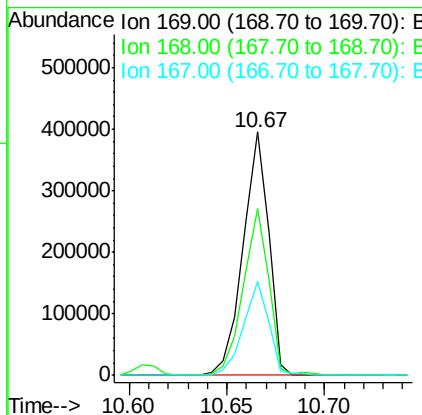
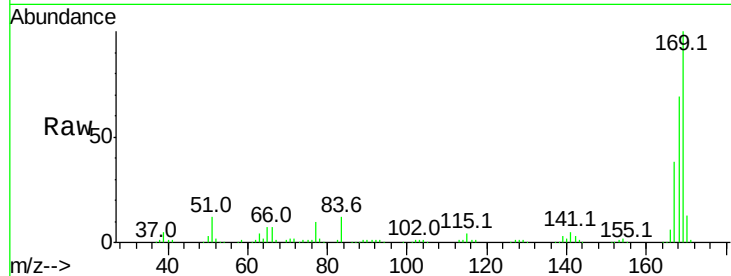




#65  
 n-Nitrosodiphenylamine  
 Concen: 34.265 ng  
 RT: 10.67 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

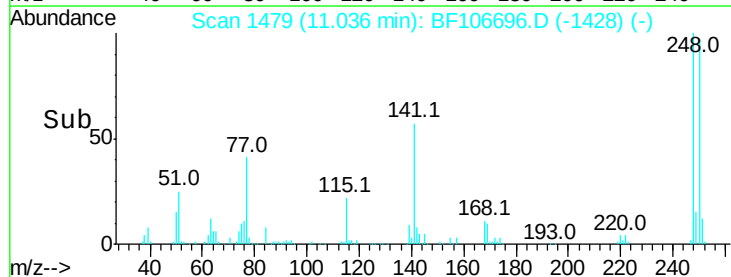
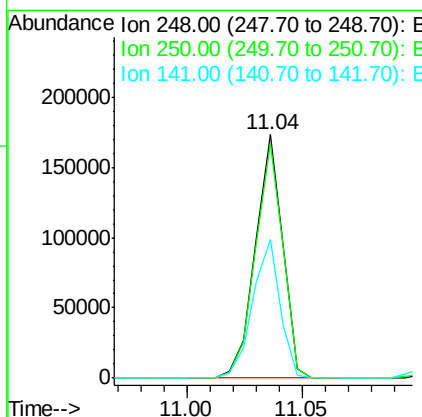
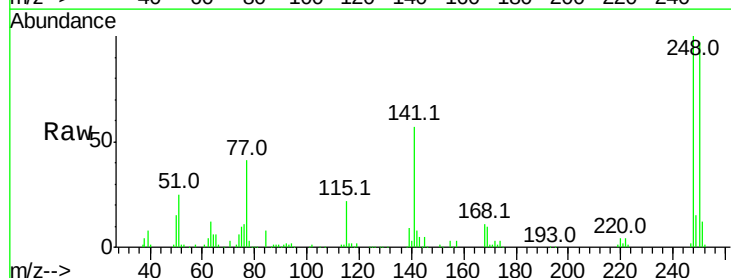
Instrument :  
 BNA\_F  
 ClientSampleID :

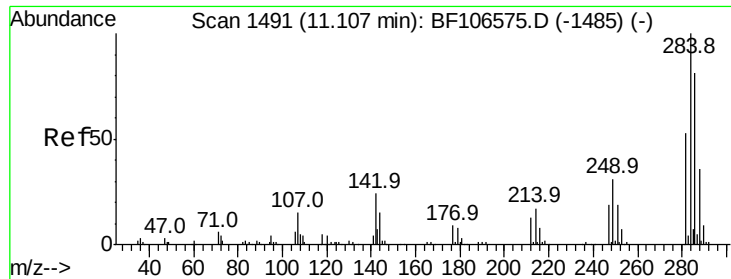
Tot Ion:169 Resp: 360489  
 Ion Ratio Lower Upper  
 169 100  
 168 68.7 54.4 81.6  
 167 38.4 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.429 ng  
 RT: 11.04 min Scan# 1479  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion:248 Resp: 143451  
 Ion Ratio Lower Upper  
 248 100  
 250 96.5 76.9 115.3  
 141 56.8 74.4 111.6#

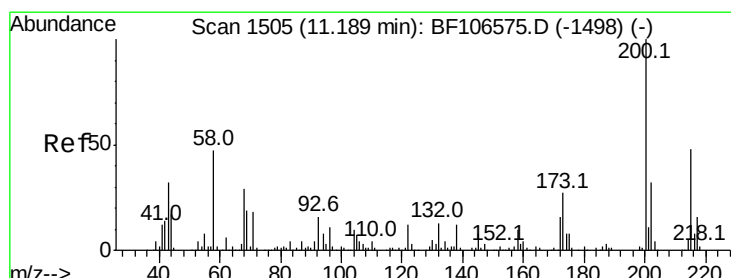
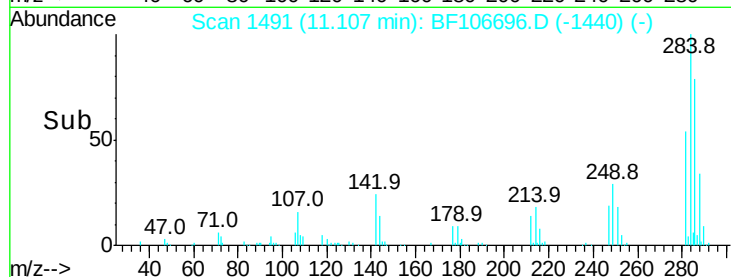
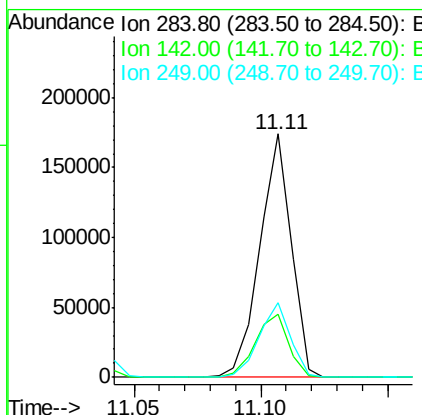
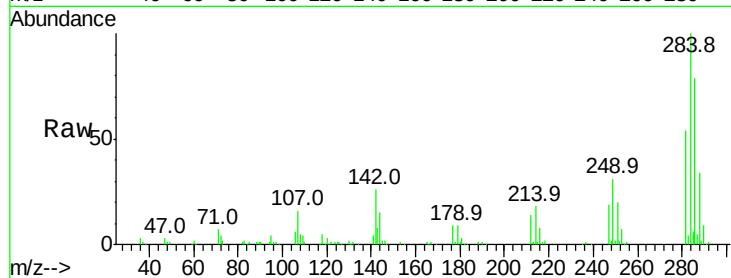




#67  
Hexachlorobenzene  
Concen: 38.353 ng  
RT: 11.11 min Scan# 1491  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

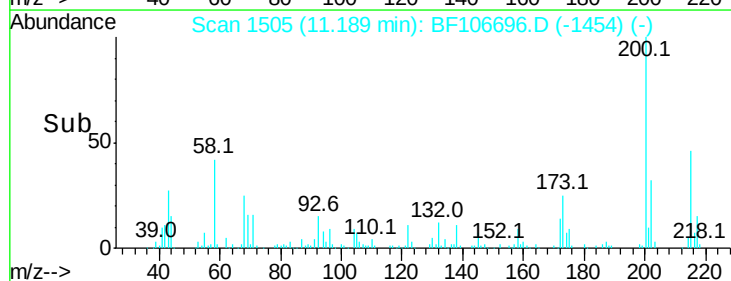
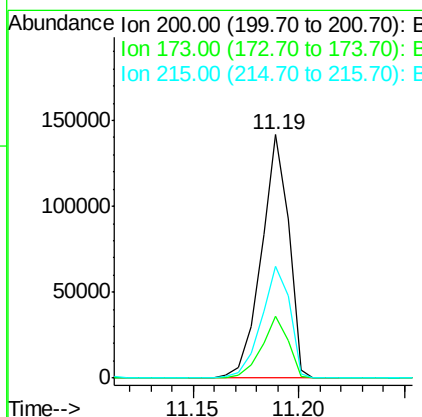
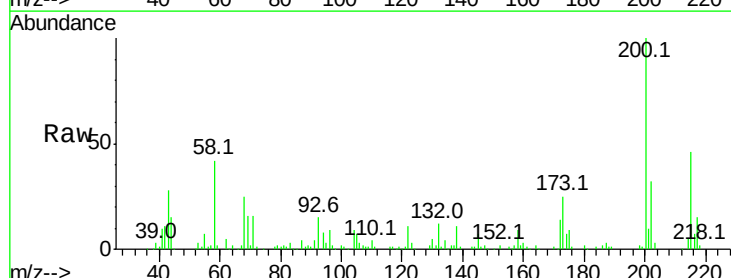
Instrument :  
BNA\_F  
ClientSampleId :

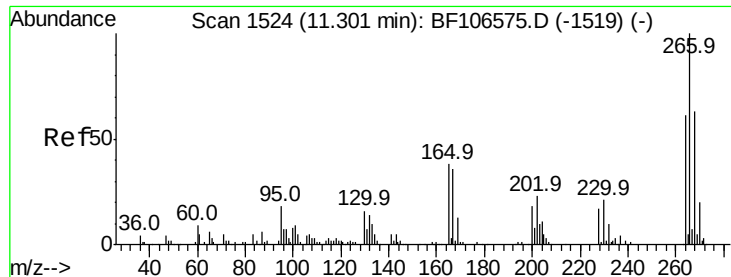
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 25.9  | 34.6  | 52.0# |
| 249     | 30.6  | 24.8  | 37.2  |



#68  
Atrazine  
Concen: 38.177 ng  
RT: 11.19 min Scan# 1505  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 8.6   | 48.6  |
| 215     | 45.7  | 25.1  | 65.1  |

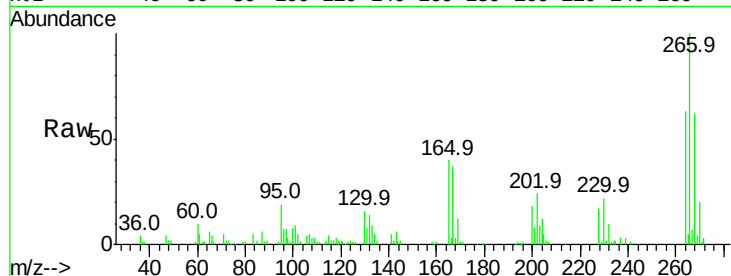




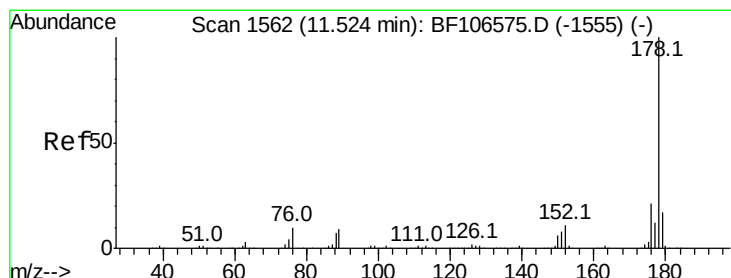
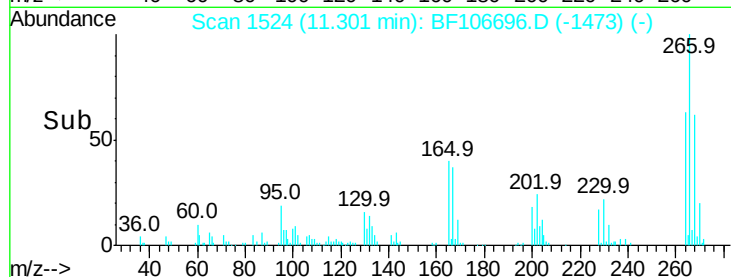
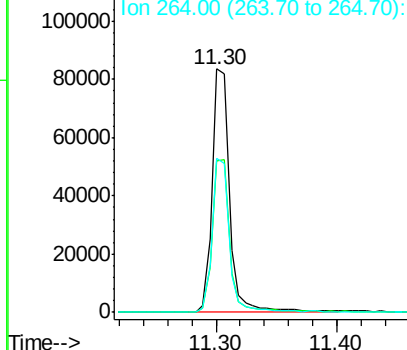
#69  
 Pentachlorophenol  
 Concen: 42.738 ng  
 RT: 11.30 min Scan# 1524  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:266 Resp: 83316  
 Ion Ratio Lower Upper  
 266 100  
 268 62.0 51.1 76.7  
 264 63.4 49.5 74.3

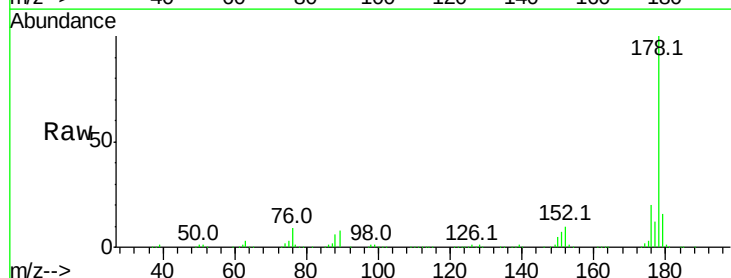


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

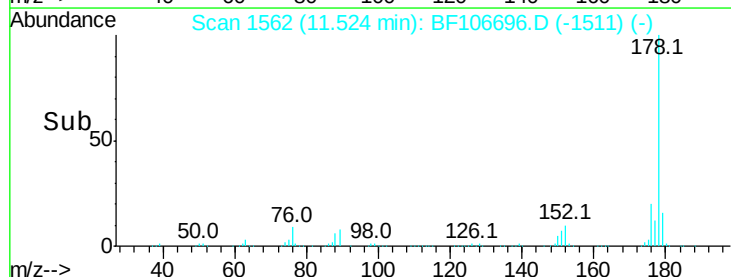
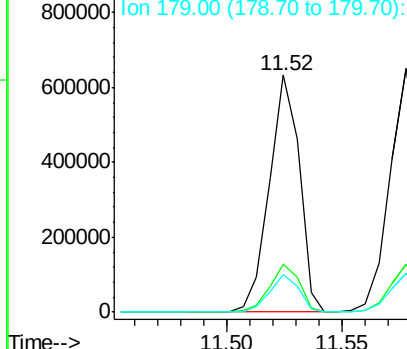


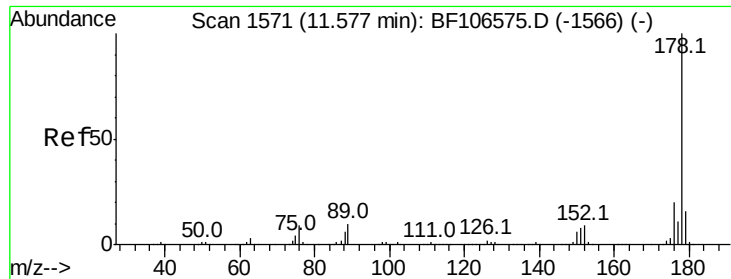
#70  
 Phenanthrene  
 Concen: 37.989 ng  
 RT: 11.52 min Scan# 1562  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion:178 Resp: 573117  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 15.8 23.8  
 179 15.6 13.0 19.6



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

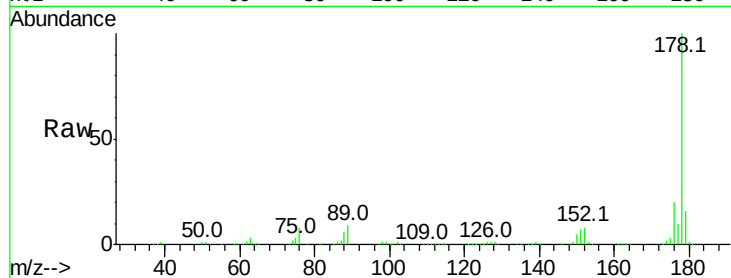




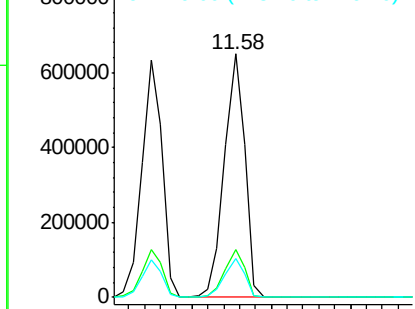
#71  
 Anthracene  
 Concen: 38.019 ng  
 RT: 11.58 min Scan# 1571  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Instrument :  
 BNA\_F  
 ClientSampleId :

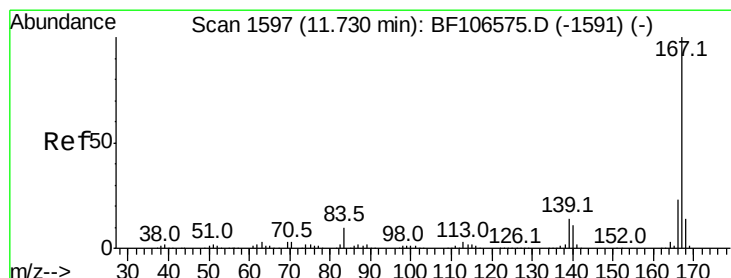
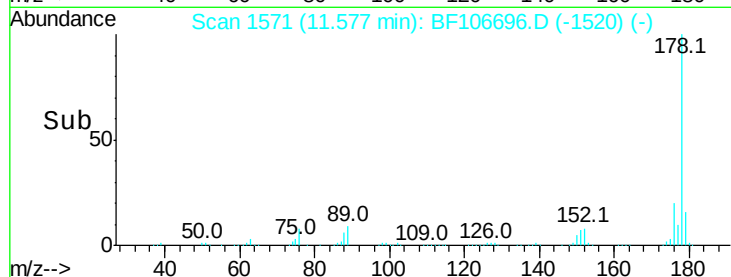
Tot Ion:178 Resp: 585443  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.4 23.2  
 179 15.7 12.6 19.0



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

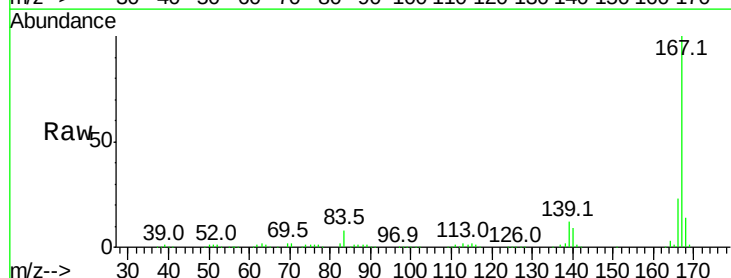


Time-->

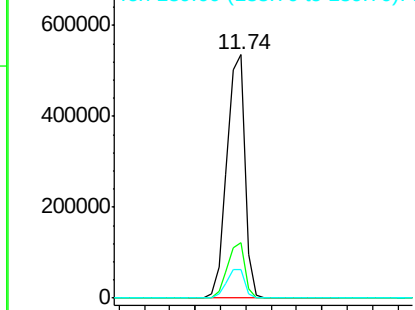


#72  
 Carbazole  
 Concen: 36.744 ng  
 RT: 11.74 min Scan# 1598  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

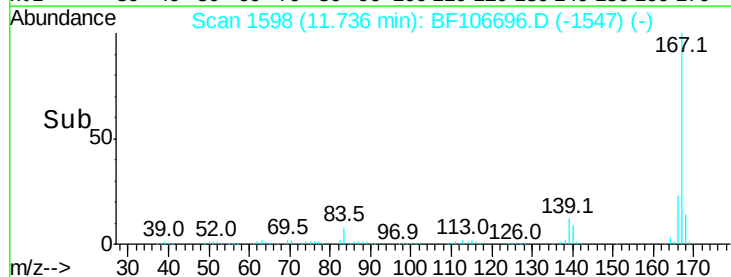
Tgt Ion:167 Resp: 529734  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.6 26.4  
 139 11.8 10.9 16.3



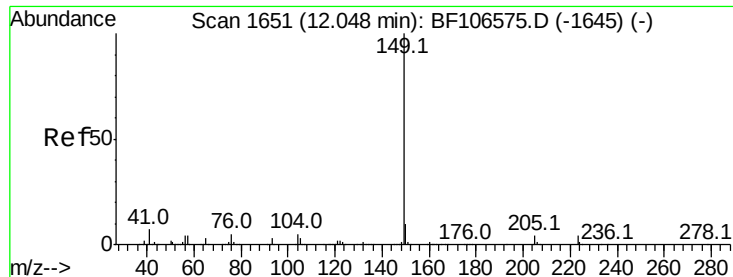
Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



Time-->



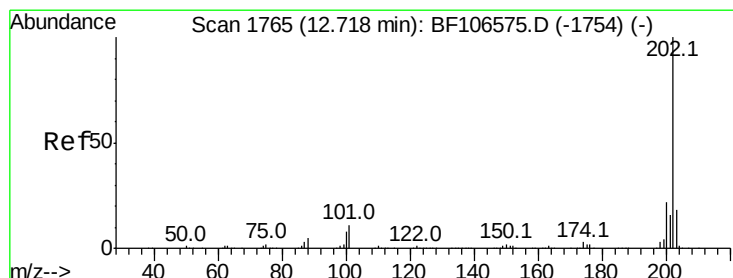
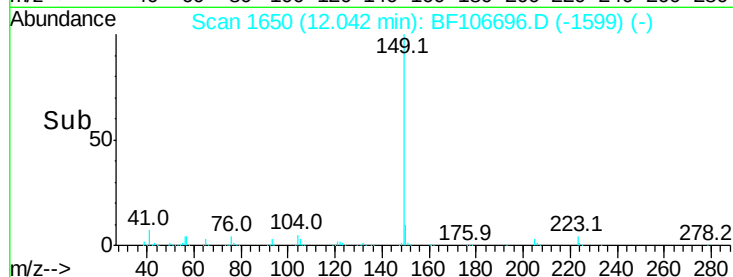
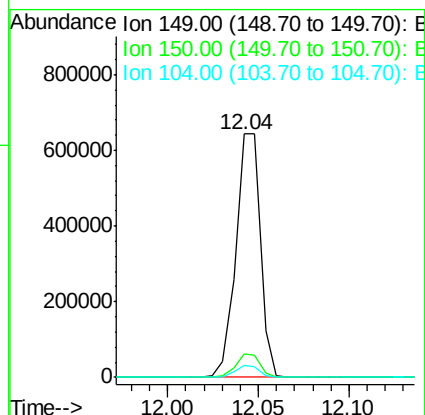
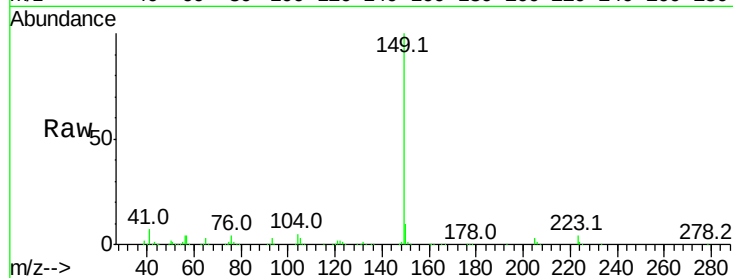




#73  
Di-n-butylphthalate  
Concen: 35.685 ng  
RT: 12.04 min Scan# 1650  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

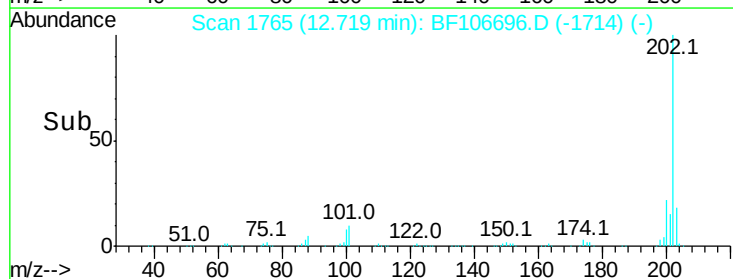
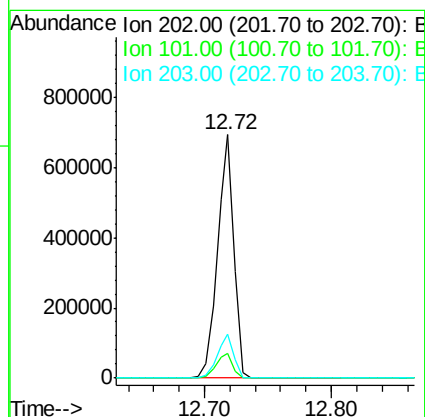
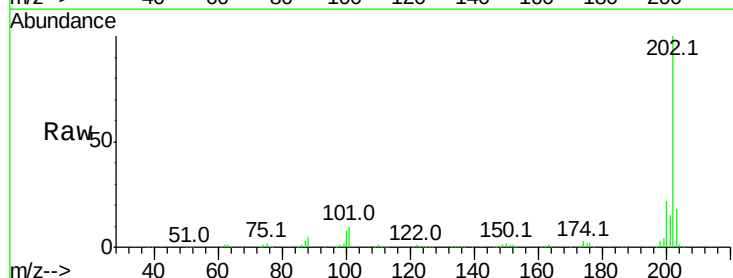
Instrument :  
BNA\_F  
ClientSampleId :

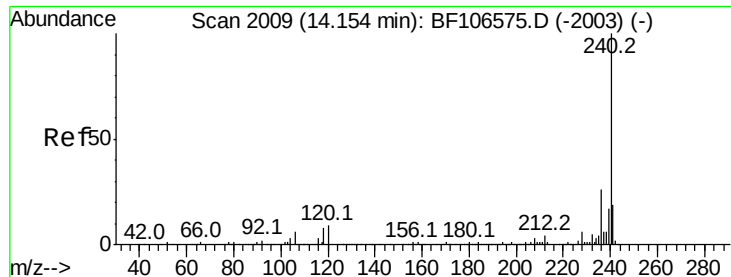
Tot Ion:149 Resp: 606095  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.8 11.6  
104 4.8 3.8 5.8



#74  
Fluoranthene  
Concen: 37.770 ng  
RT: 12.72 min Scan# 1765  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

Tgt Ion:202 Resp: 628048  
Ion Ratio Lower Upper  
202 100  
101 10.3 0.0 34.1  
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

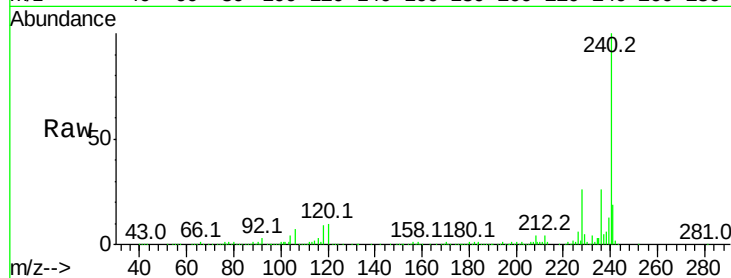
Tot Ion:240 Resp: 257967

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

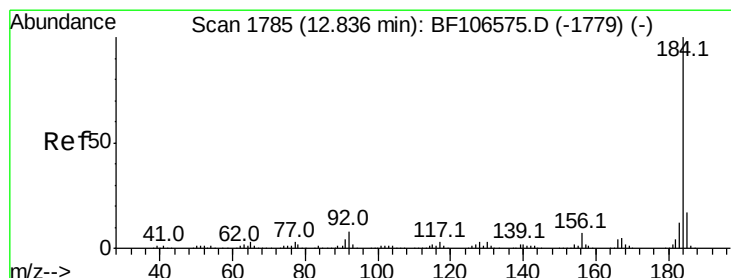
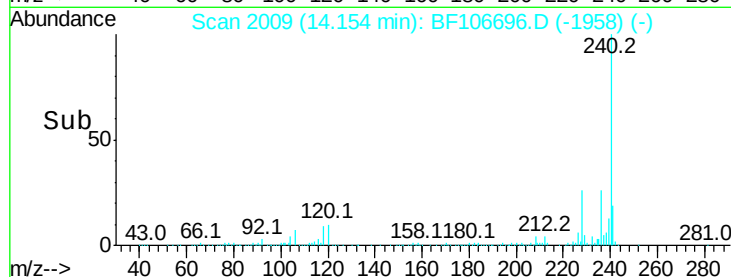
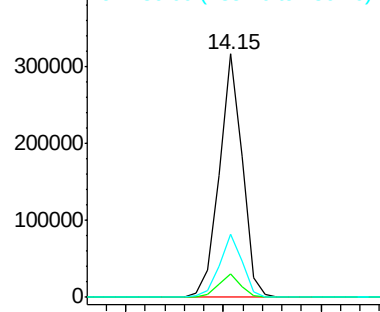
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.521 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

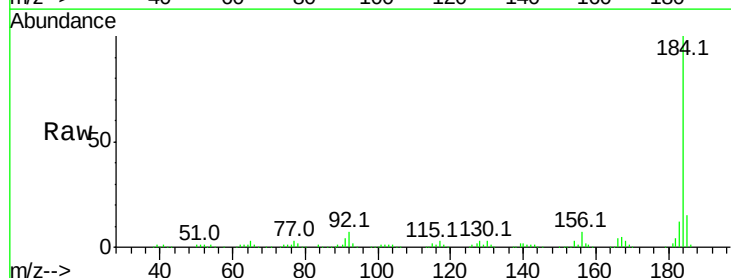
Tgt Ion:184 Resp: 275657

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

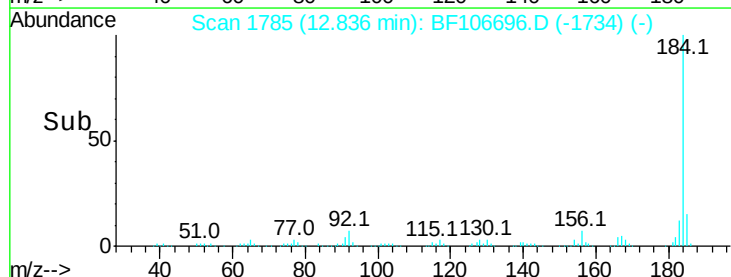
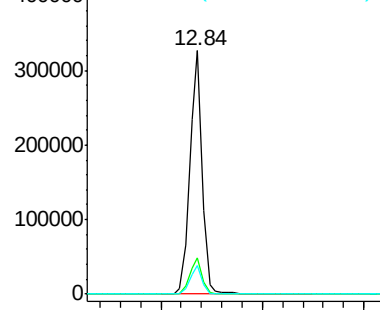
183 11.5 9.3 13.9

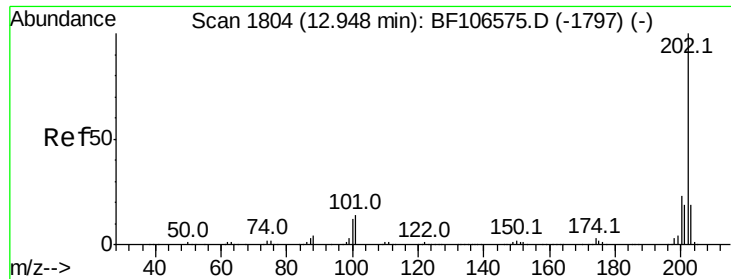


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

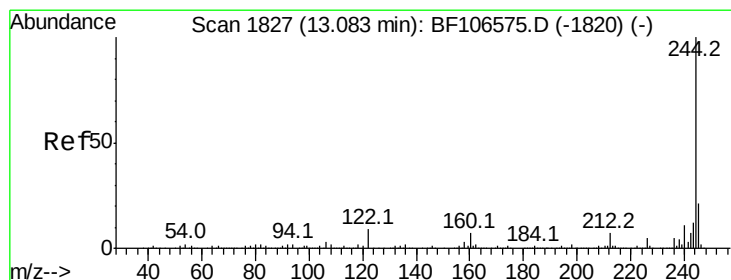
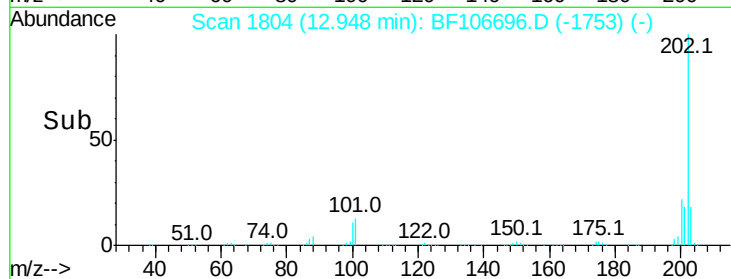
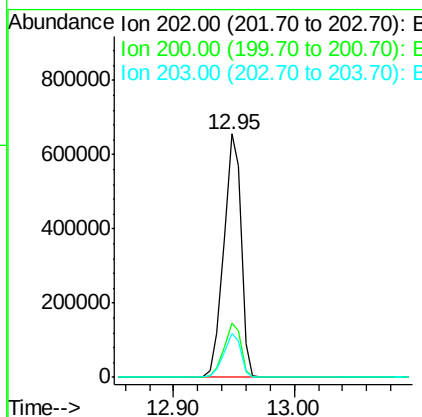
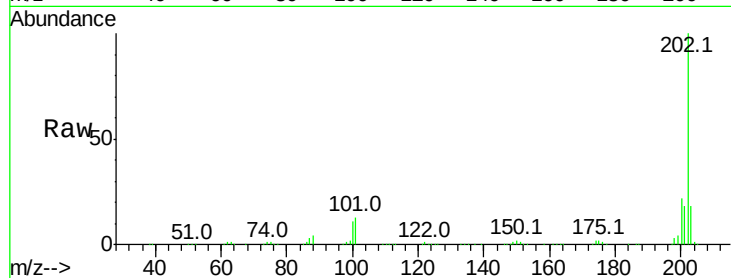




#77  
 Pvrene  
 Concen: 37.980 ng  
 RT: 12.95 min Scan# 1804  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

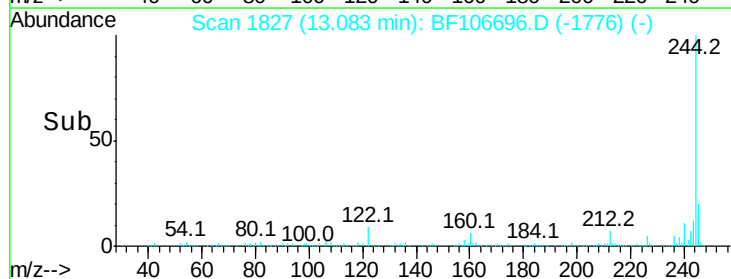
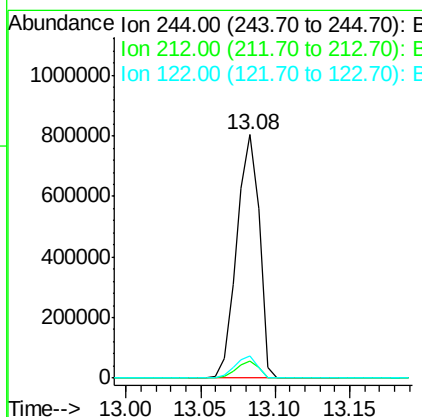
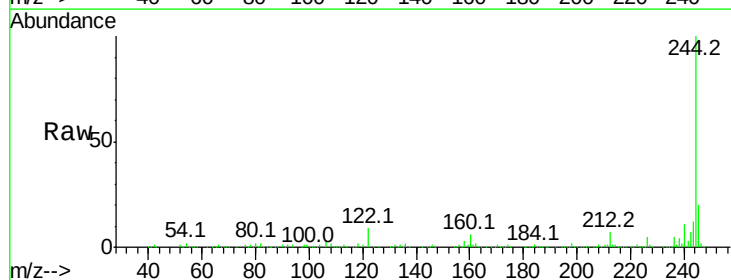
Instrument :  
 BNA\_F  
 ClientSampleId :

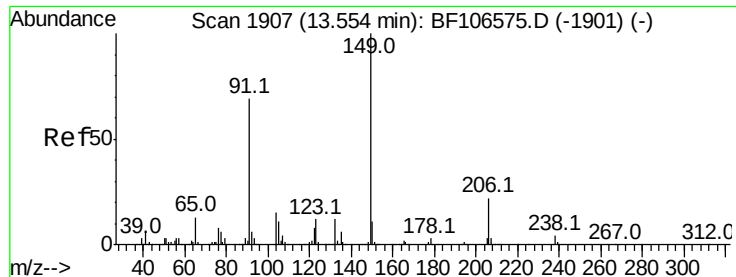
Tot Ion:202 Resp: 646077  
 Ion Ratio Lower Upper  
 202 100  
 200 22.3 17.4 26.2  
 203 17.9 14.3 21.5



#78  
 Terphenyl-d14  
 Concen: 80.137 ng  
 RT: 13.08 min Scan# 1827  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion:244 Resp: 853433  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.0  
 122 8.9 11.0 16.4#

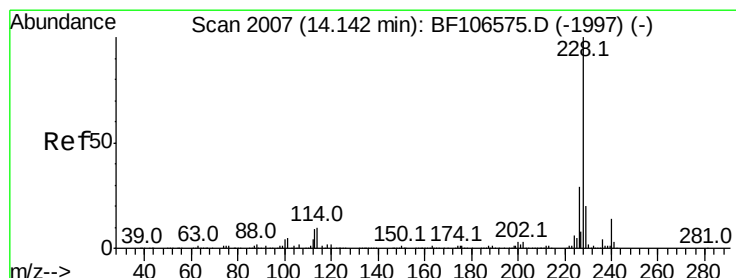
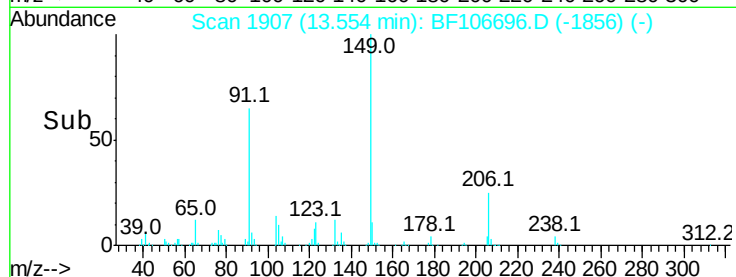
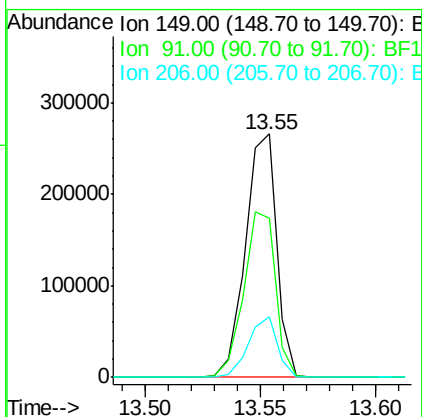
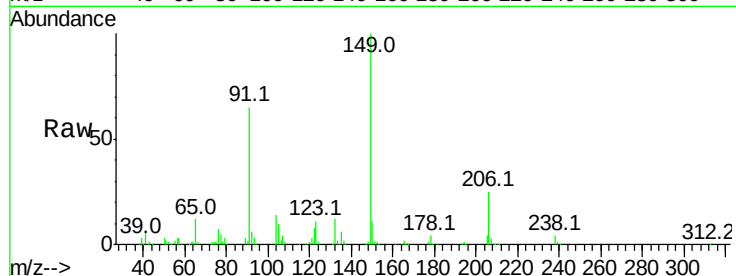




#79  
Butylbenzylphthalate  
Concen: 36.117 ng  
RT: 13.55 min Scan# 1907  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

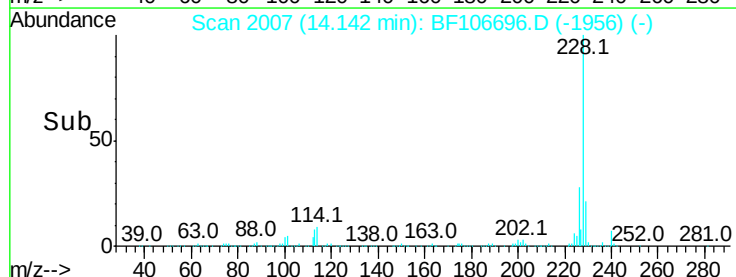
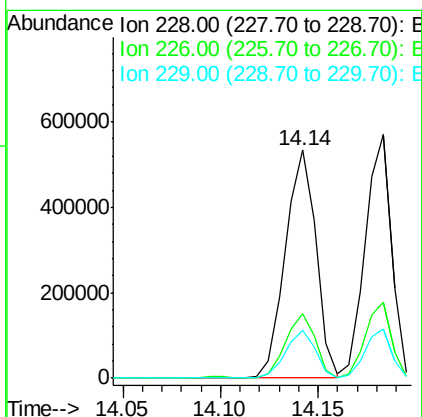
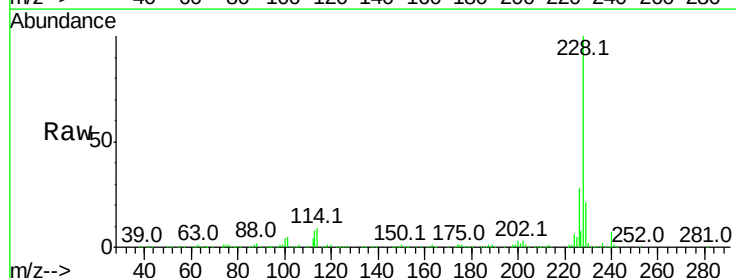
Instrument :  
BNA\_F  
ClientSampleId :

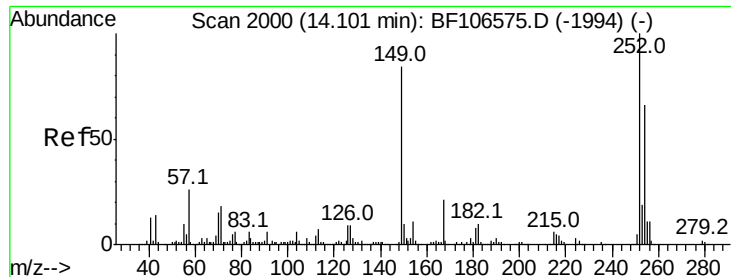
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.1  | 56.8  | 85.2  |
| 206     | 24.7  | 14.1  | 21.1  |



#80  
Benzo(a)anthracene  
Concen: 36.910 ng  
RT: 14.14 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.2  | 22.6  | 33.8  |
| 229     | 20.7  | 15.8  | 23.6  |

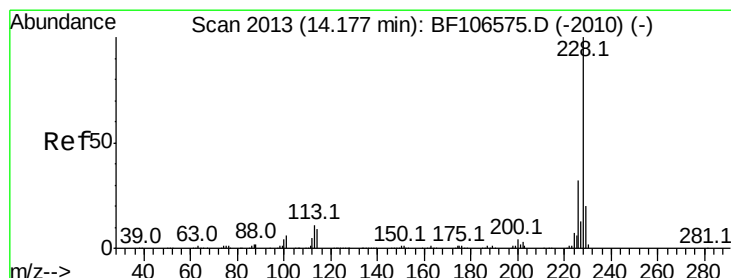
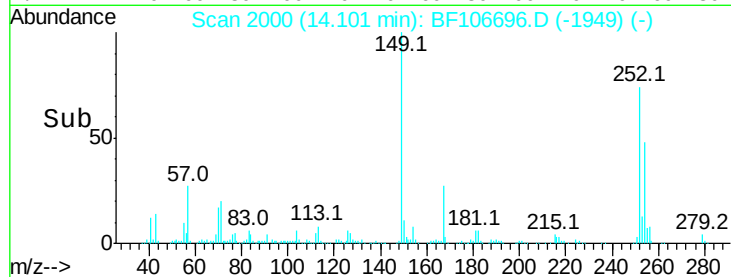
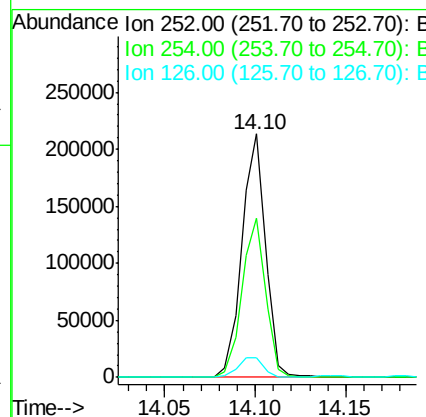
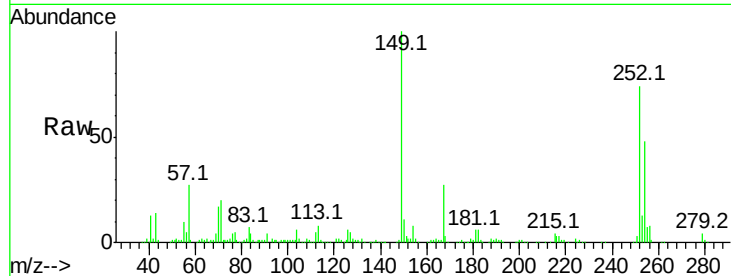




#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.943 ng  
 RT: 14.10 min Scan# 2000  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

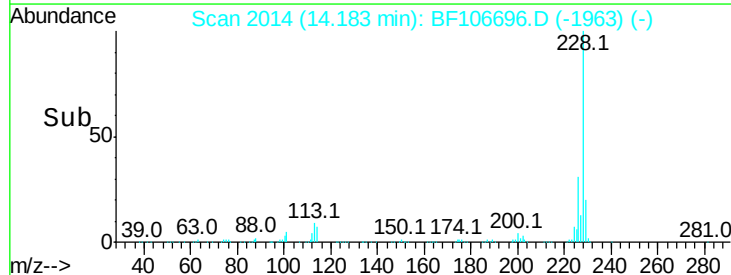
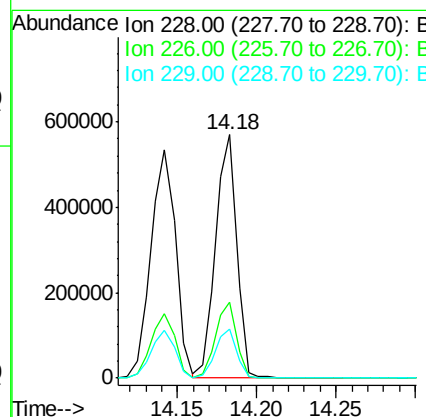
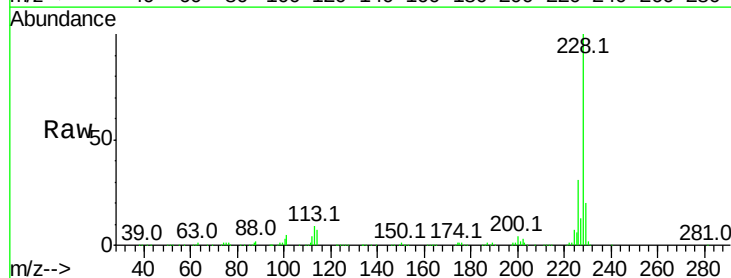
Instrument :  
 BNA\_F  
 ClientSampleId :

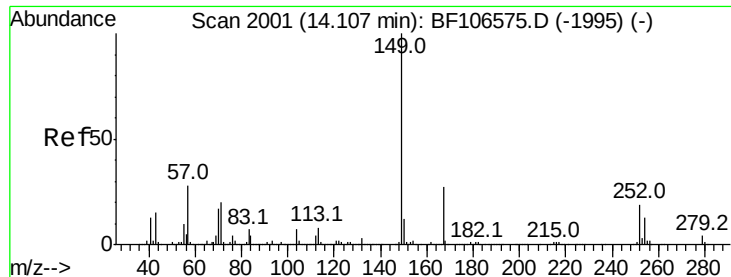
Tot Ion:252 Resp: 193085  
 Ion Ratio Lower Upper  
 252 100  
 254 65.3 50.4 75.6  
 126 7.8 11.3 16.9#



#82  
 Chrysene  
 Concen: 36.847 ng  
 RT: 14.18 min Scan# 2014  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Tgt Ion:228 Resp: 532968  
 Ion Ratio Lower Upper  
 228 100  
 226 31.2 25.0 37.6  
 229 20.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.938 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampleId :

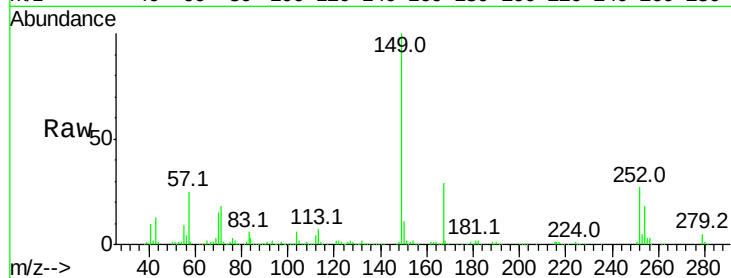
Tot Ion:149 Resp: 312405

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

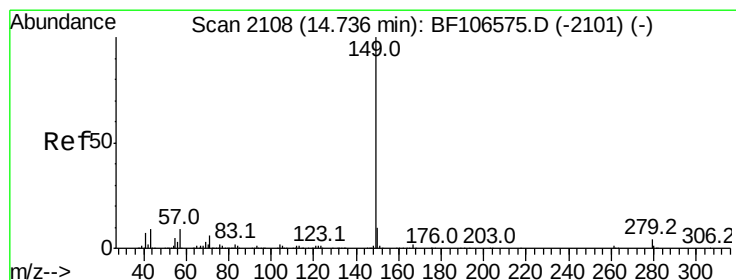
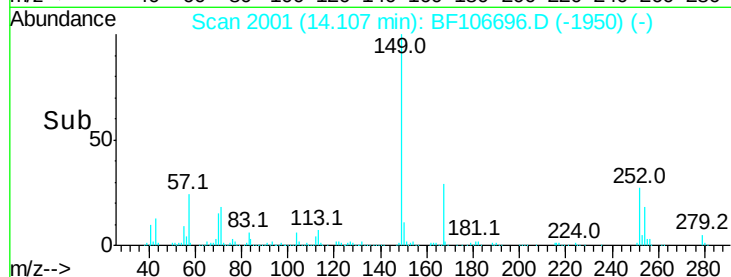
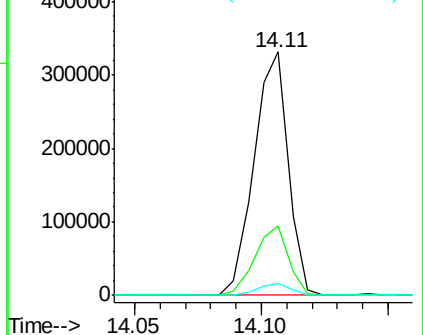
279 5.2 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.096 ng

RT: 14.74 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

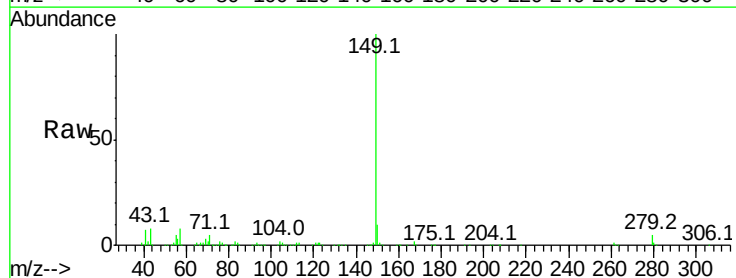
Tgt Ion:149 Resp: 526118

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

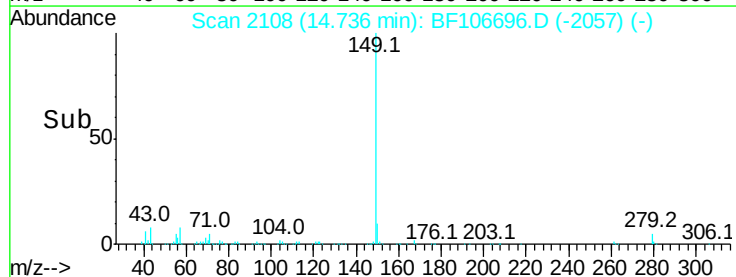
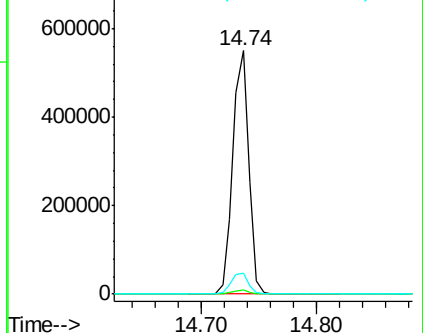
43 8.8 8.4 12.6

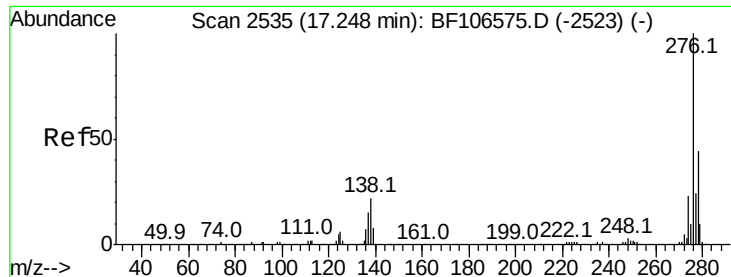


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

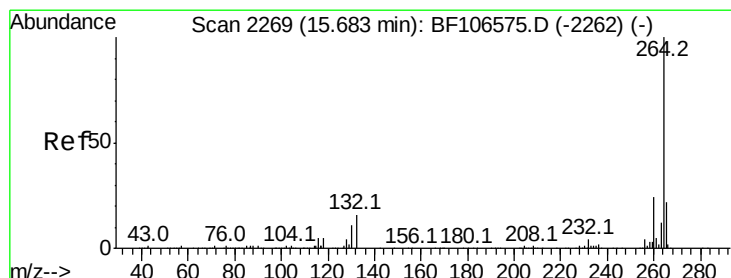
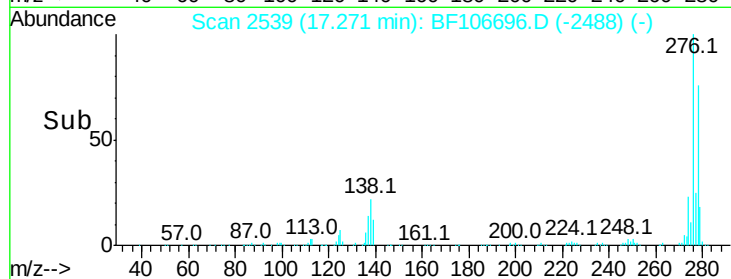
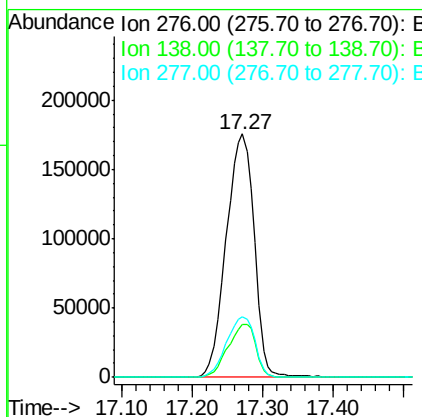
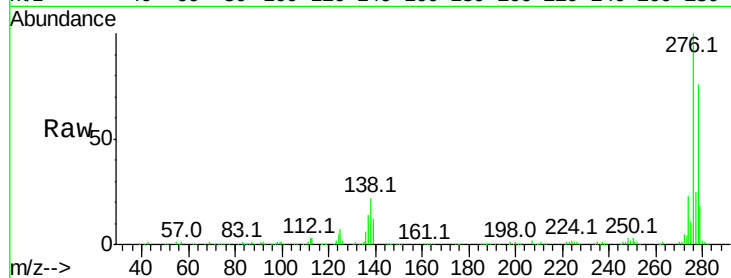




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.358 ng  
 RT: 17.27 min Scan# 2539  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

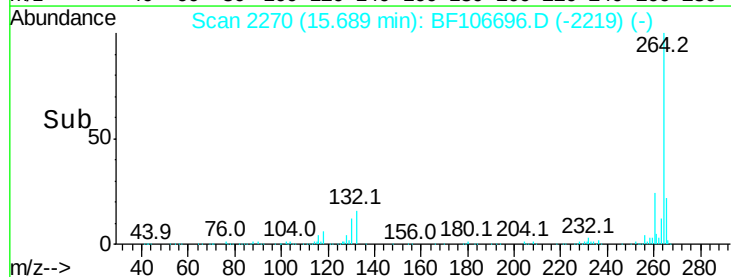
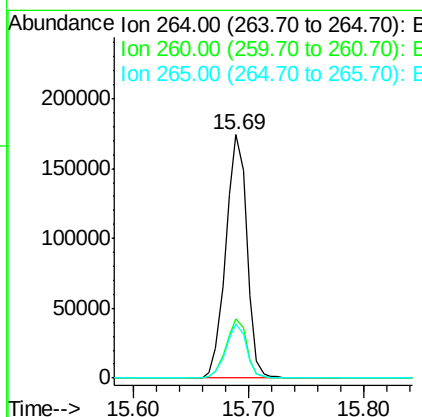
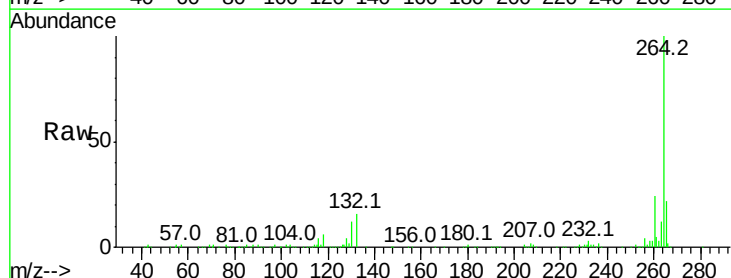
Instrument :  
 BNA\_F  
 ClientSampleId :

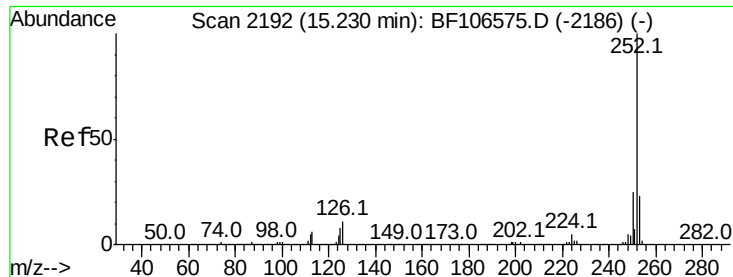
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.9  | 25.0  | 37.6# |
| 277     | 25.4  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.69 min Scan# 2270  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.4  | 19.2  | 28.8  |
| 265     | 22.1  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 36.081 ng

RT: 15.24 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

Instrument :

BNA\_F

ClientSampled :

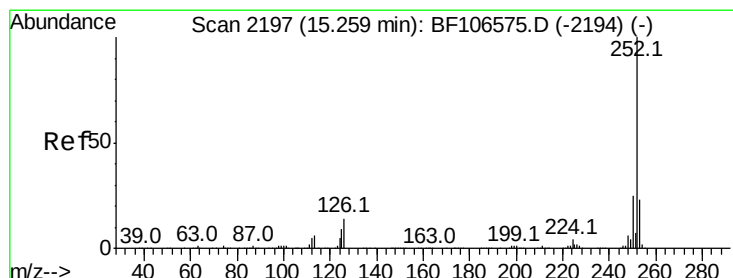
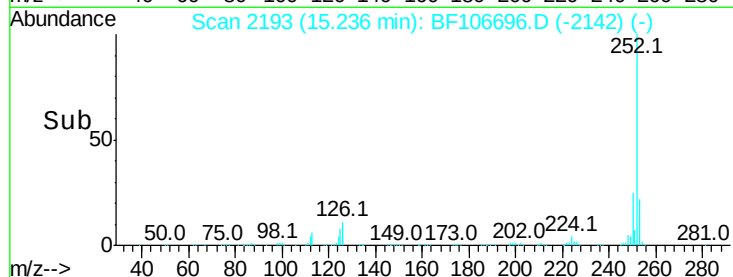
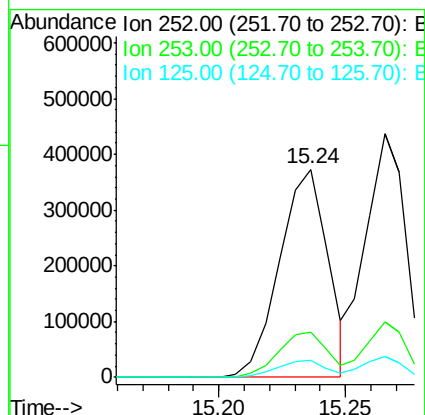
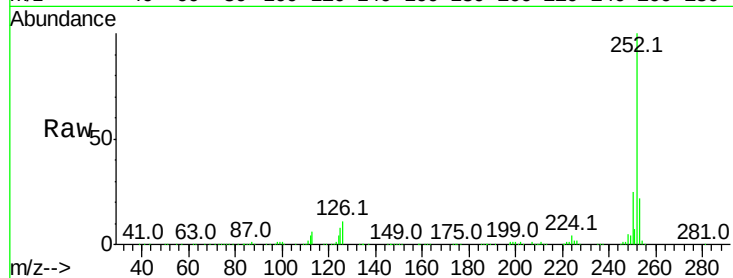
Tot Ion:252 Resp: 494276

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 8.1 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 36.958 ng

RT: 15.27 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BF106696.D

Acq: 22 Jun 2018 9:26

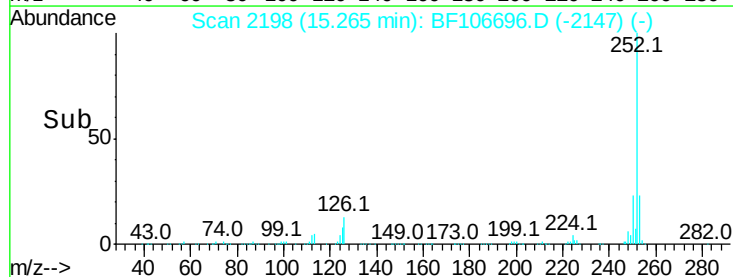
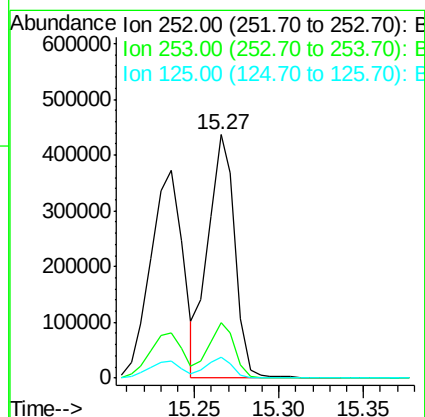
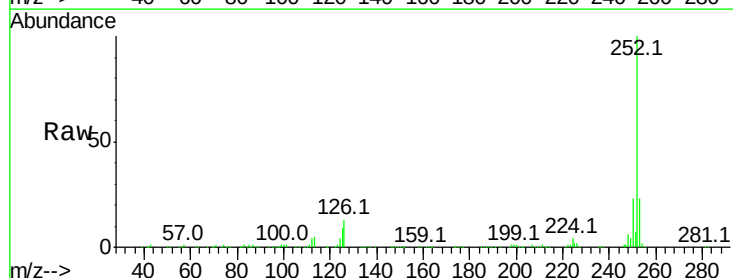
Tgt Ion:252 Resp: 482133

Ion Ratio Lower Upper

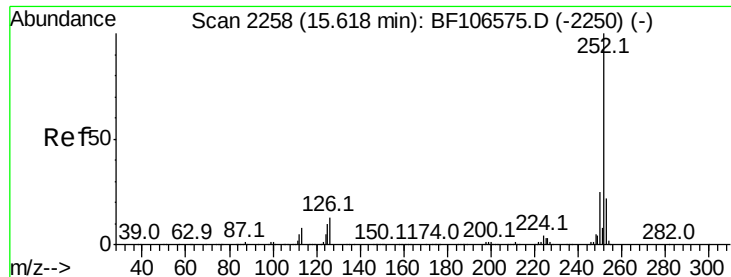
252 100

253 22.9 17.9 26.9

125 8.5 10.2 15.2#



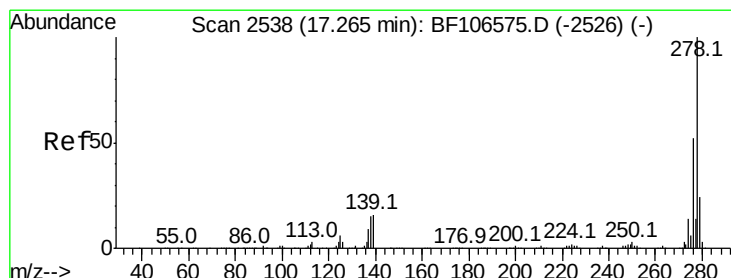
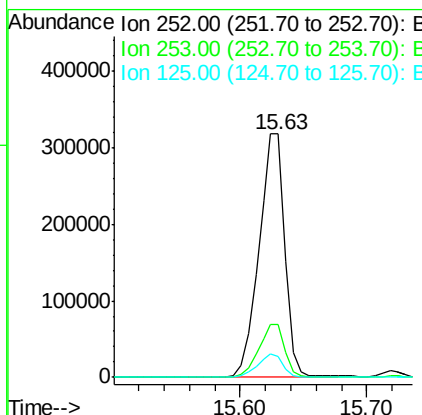
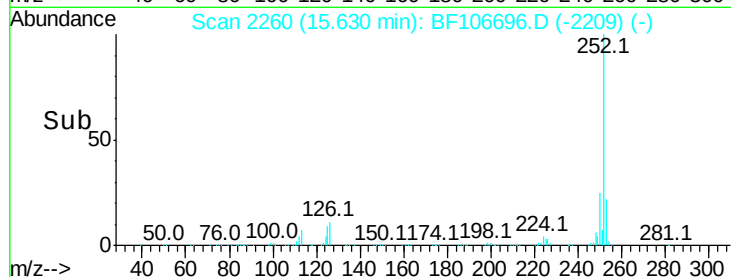
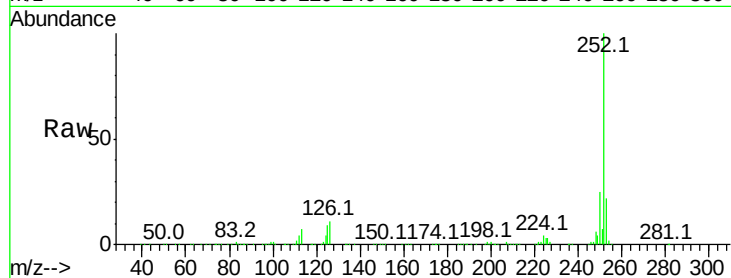




#89  
Benzo(a)pyrene  
Concen: 37.124 ng  
RT: 15.63 min Scan# 2260  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

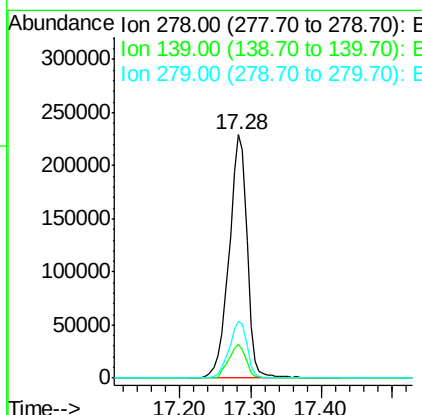
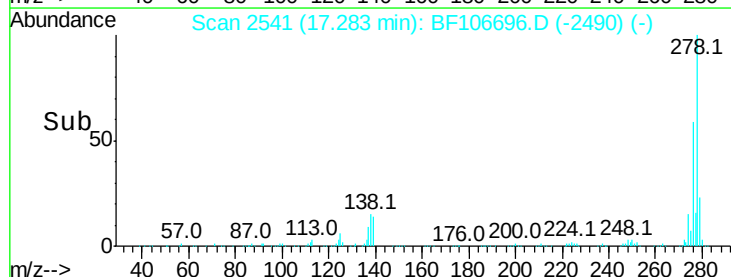
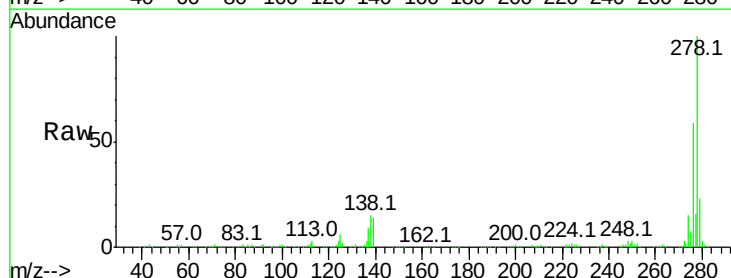
Instrument :  
BNA\_F  
ClientSampleId :

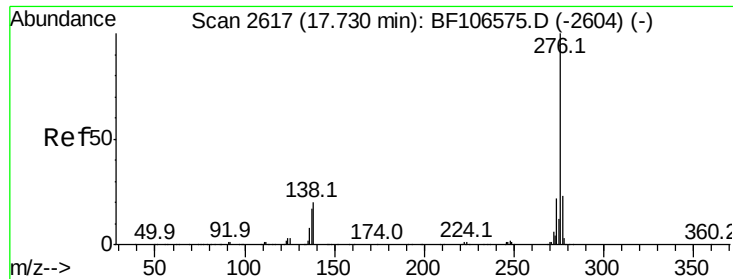
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.1  | 25.7  |
| 125     | 8.8   | 9.8   | 14.6  |



#90  
Dibenzo(a,h)anthracene  
Concen: 39.597 ng  
RT: 17.28 min Scan# 2541  
Delta R.T. 0.00 min  
Lab File: BF106696.D  
Acq: 22 Jun 2018 9:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.8  | 15.9  | 23.9  |
| 279     | 23.2  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.840 ng  
 RT: 17.75 min Scan# 2620  
 Delta R.T. 0.00 min  
 Lab File: BF106696.D  
 Acq: 22 Jun 2018 9:26

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 17.9  | 26.9  |
| 138     | 18.9  | 21.8  | 32.8  |

