

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\  
 Data File : BF108464.D  
 Acq On : 24 Aug 2018 15:35  
 Operator : JU/SJ  
 Sample : PB112335BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 24 16:23:30 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 22 11:01:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.00  | 152  | 120567   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.28  | 136  | 481223   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.05 | 164  | 244598   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.54 | 188  | 488898   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.19 | 240  | 304583   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.75 | 264  | 239919   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 716521  | 107.59 | ng | 0.01 |
| 7) Phenol-d6             | 6.62  | 99  | 944420  | 106.72 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.57  | 82  | 614073  | 71.21  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.84 | 330 | 282059  | 115.61 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.36  | 172 | 1220085 | 80.08  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.13 | 244 | 1287507 | 107.48 | ng | 0.00 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.00 | 88  | 125490 | 36.673 | ng | 90     |
| 3) Pyridine                    | 3.75 | 79  | 347335 | 39.404 | ng | 86     |
| 4) n-Nitrosodimethylamine      | 3.71 | 42  | 183126 | 36.921 | ng | # 82   |
| 6) Aniline                     | 6.67 | 93  | 387422 | 32.185 | ng | 98     |
| 8) 2-Chlorophenol              | 6.79 | 128 | 322259 | 42.966 | ng | 98     |
| 9) Benzaldehyde                | 6.55 | 77  | 205404 | 29.937 | ng | 95     |
| 10) Phenol                     | 6.64 | 94  | 409999 | 44.790 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.73 | 93  | 307392 | 41.537 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.94 | 146 | 364956 | 42.082 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.02 | 146 | 370023 | 42.466 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.17 | 146 | 346667 | 42.773 | ng | 98     |
| 15) Benzyl Alcohol             | 7.14 | 79  | 289569 | 38.869 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.27 | 45  | 587827 | 38.557 | ng | 99     |
| 17) 2-Methylphenol             | 7.25 | 107 | 282273 | 43.886 | ng | 95     |
| 18) Hexachloroethane           | 7.51 | 117 | 133173 | 42.930 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70  | 240061 | 40.115 | ng | 91     |
| 20) 3+4-Methylphenols          | 7.40 | 107 | 344538 | 41.800 | ng | # 87   |
| 22) Acetophenone               | 7.41 | 105 | 462888 | 41.137 | ng | # 91   |
| 24) Nitrobenzene               | 7.58 | 77  | 361552 | 41.460 | ng | 94     |
| 25) Isophorone                 | 7.82 | 82  | 654713 | 39.831 | ng | 97     |
| 26) 2-Nitrophenol              | 7.90 | 139 | 162397 | 49.311 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 7.92 | 122 | 301868 | 41.378 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 8.02 | 93  | 397409 | 41.415 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.14 | 162 | 289944 | 43.187 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.22 | 180 | 311855 | 42.131 | ng | 98     |
| 31) Naphthalene                | 8.31 | 128 | 939508 | 42.929 | ng | 100    |
| 32) Benzoic acid               | 8.04 | 122 | 119463 | 30.681 | ng | 91     |
| 33) 4-Chloroaniline            | 8.35 | 127 | 207726 | 21.780 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.41 | 225 | 203874 | 43.508 | ng | 98     |
| 35) Caprolactam                | 8.75 | 113 | 29117  | 13.839 | ng | 89     |
| 36) 4-Chloro-3-methylphenol    | 8.83 | 107 | 303813 | 41.948 | ng | 98     |
| 37) 2-Methylnaphthalene        | 9.00 | 142 | 651171 | 42.055 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.17 | 216 | 326536 | 43.472 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.15 | 237 | 312396 | 64.389 | ng | 99     |

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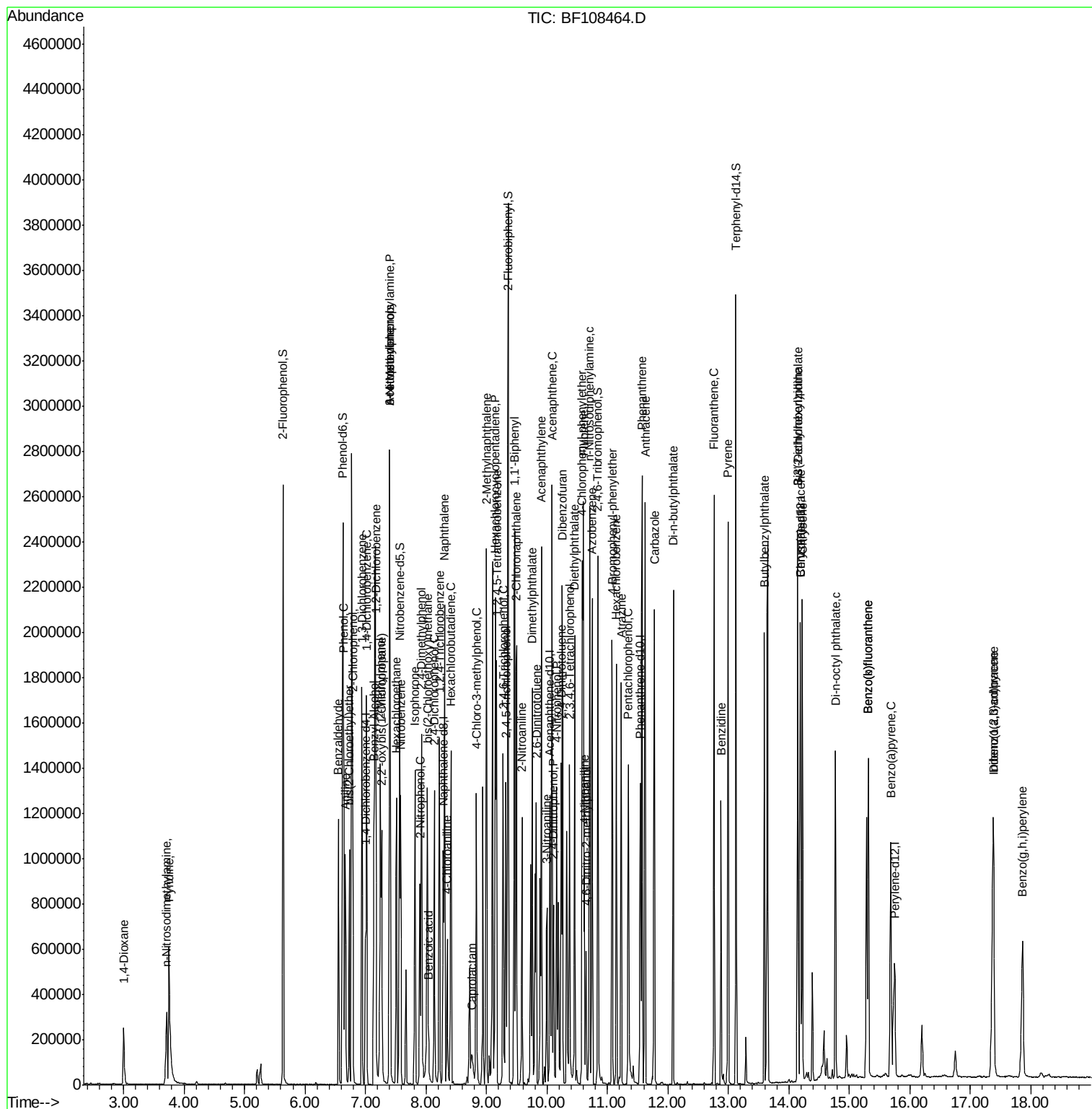
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.28  | 196  | 213051   | 45.708 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 228790   | 44.589 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.47  | 154  | 805205   | 44.649 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 9.50  | 162  | 614706   | 43.126 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.59  | 65   | 201116   | 43.608 | ng    | 92       |
| 48) Acenaphthylene             | 9.91  | 152  | 985053   | 43.714 | ng    | 99       |
| 49) Dimethylphthalate          | 9.76  | 163  | 730879   | 42.896 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.83  | 165  | 159236   | 44.670 | ng    | 97       |
| 51) Acenaphthene               | 10.08 | 154  | 571517   | 41.409 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.00 | 138  | 114147   | 29.266 | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 10.11 | 184  | 95946    | 72.629 | ng #  | 22       |
| 54) Dibenzofuran               | 10.25 | 168  | 856030   | 42.810 | ng    | 96       |
| 55) 4-Nitrophenol              | 10.16 | 139  | 219372   | 74.276 | ng #  | 82       |
| 56) 2,4-Dinitrotoluene         | 10.24 | 165  | 214689   | 46.788 | ng #  | 99       |
| 57) Fluorene                   | 10.60 | 166  | 691163   | 43.664 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.37 | 232  | 197451   | 46.040 | ng #  | 84       |
| 59) Diethylphthalate           | 10.46 | 149  | 706427   | 42.817 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 10.58 | 204  | 357798   | 43.380 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.62 | 138  | 162337   | 42.099 | ng    | 88       |
| 62) Azobenzene                 | 10.75 | 77   | 722093   | 42.379 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.65 | 198  | 73427    | 40.896 | ng    | 82       |
| 65) n-Nitrosodiphenylamine     | 10.71 | 169  | 624856   | 43.250 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 11.08 | 248  | 230124   | 43.313 | ng    | 90       |
| 67) Hexachlorobenzene          | 11.15 | 284  | 240010   | 42.934 | ng #  | 89       |
| 68) Atrazine                   | 11.23 | 200  | 212227   | 43.797 | ng    | 96       |
| 69) Pentachlorophenol          | 11.35 | 266  | 211444   | 79.024 | ng    | 98       |
| 70) Phenanthrene               | 11.57 | 178  | 1004629  | 43.567 | ng    | 99       |
| 71) Anthracene                 | 11.62 | 178  | 1025370  | 43.385 | ng    | 100      |
| 72) Carbazole                  | 11.78 | 167  | 873051   | 41.577 | ng    | 99       |
| 73) Di-n-butylphthalate        | 12.09 | 149  | 1097648  | 46.149 | ng    | 99       |
| 74) Fluoranthene               | 12.77 | 202  | 1064345  | 42.292 | ng    | 94       |
| 76) Benzidine                  | 12.88 | 184  | 487232   | 42.815 | ng    | 99       |
| 77) Pyrene                     | 12.99 | 202  | 1032936  | 53.566 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.59 | 149  | 409997   | 53.545 | ng    | 98       |
| 80) Benzo(a)anthracene         | 14.19 | 228  | 769085   | 43.998 | ng    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.14 | 252  | 135695   | 21.661 | ng #  | 96       |
| 82) Chrysene                   | 14.22 | 228  | 699555   | 43.653 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.15 | 149  | 522516   | 50.392 | ng #  | 97       |
| 84) Di-n-octyl phthalate       | 14.77 | 149  | 733919   | 46.410 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.37 | 276  | 674468   | 48.574 | ng #  | 90       |
| 87) Benzo(b)fluoranthene       | 15.31 | 252  | 522674   | 36.458 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.31 | 252  | 522674   | 39.661 | ng #  | 97       |
| 89) Benzo(a)pyrene             | 15.68 | 252  | 567081   | 44.173 | ng #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 17.38 | 278  | 566369   | 53.321 | ng #  | 94       |
| 91) Benzo(g,h,i)perylene       | 17.87 | 276  | 571542   | 54.645 | ng #  | 89       |

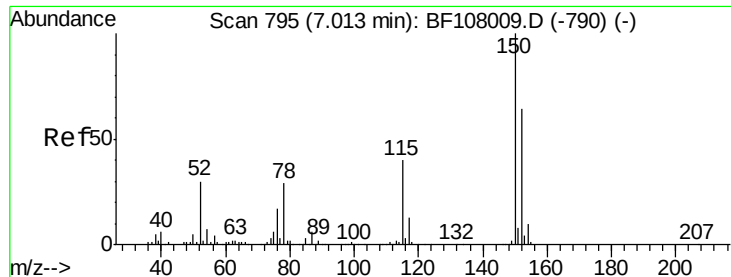
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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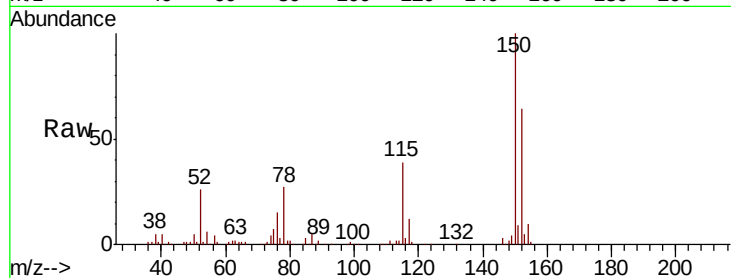


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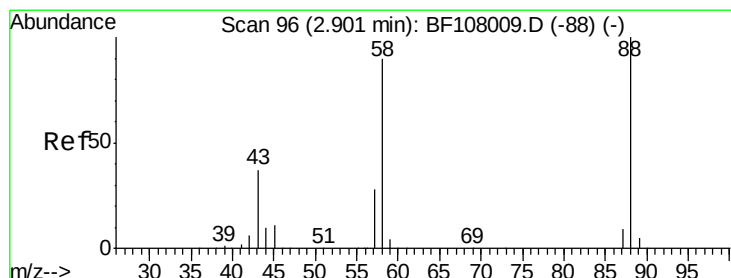
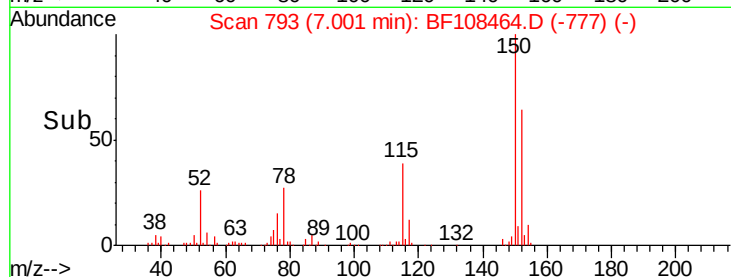
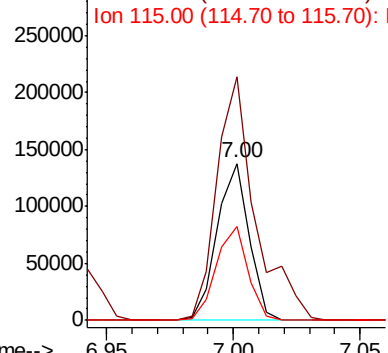
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.00 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:152 Resp: 120567  
Ion Ratio Lower Upper  
152 100  
150 155.1 124.6 186.8  
115 60.2 50.1 75.1



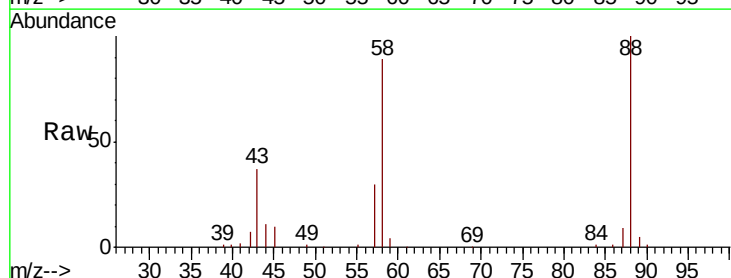
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



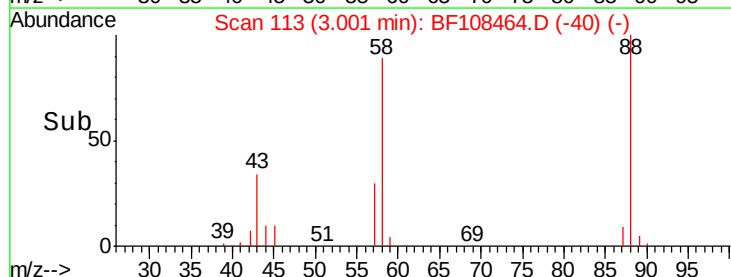
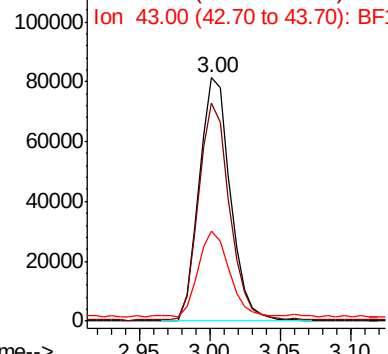
#2

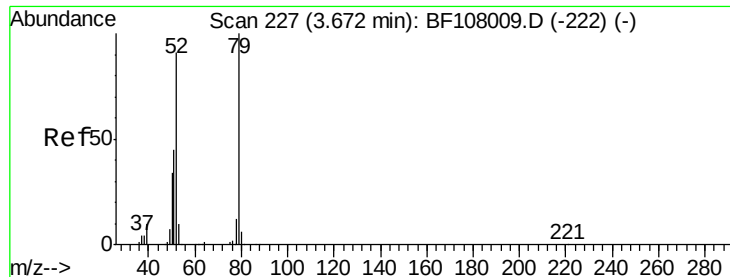
1,4-Dioxane  
Concen: 36.673 ng  
RT: 3.00 min Scan# 113  
Delta R.T. 0.13 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion: 88 Resp: 125490  
Ion Ratio Lower Upper  
88 100  
58 88.1 62.6 93.8  
43 35.1 24.6 37.0



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





#3

Pvridine

Concen: 39.404 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.09 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampled :

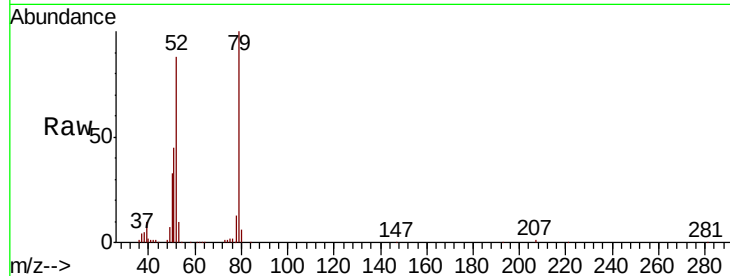
Tot Ion: 79 Resp: 347335

Ion Ratio Lower Upper

79 100

52 87.6 59.8 89.6

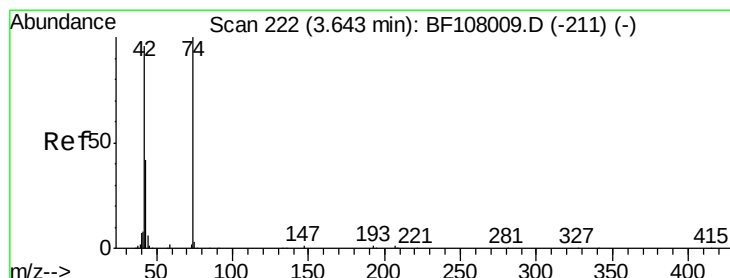
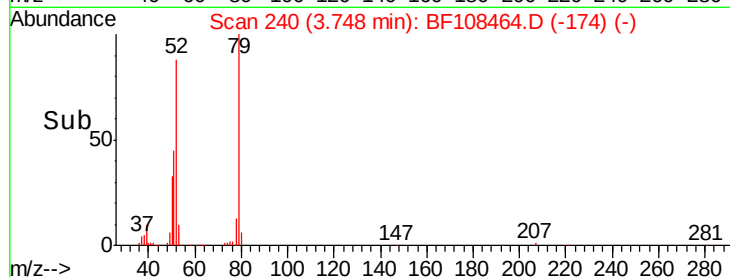
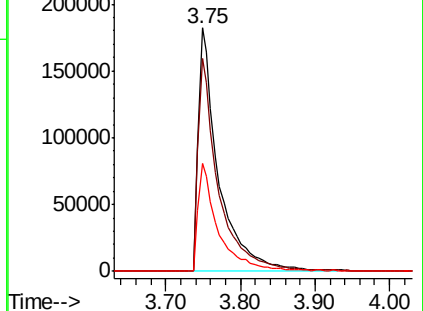
51 44.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.921 ng

RT: 3.71 min Scan# 234

Delta R.T. 0.08 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

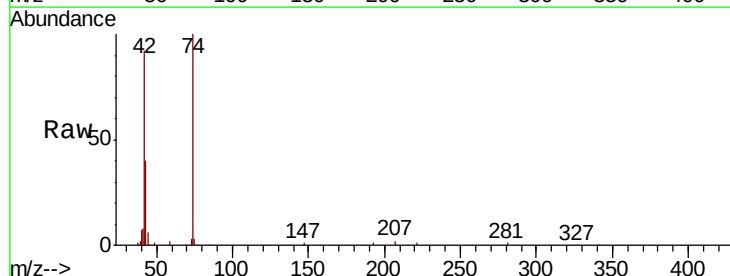
Tgt Ion: 42 Resp: 183126

Ion Ratio Lower Upper

42 100

74 109.3 104.9 157.3

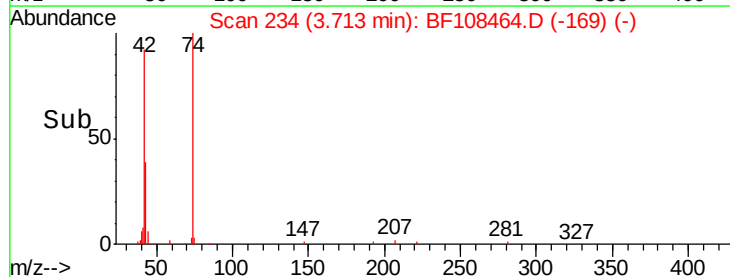
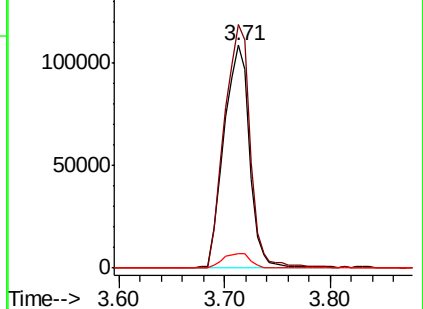
44 6.4 6.9 10.3#

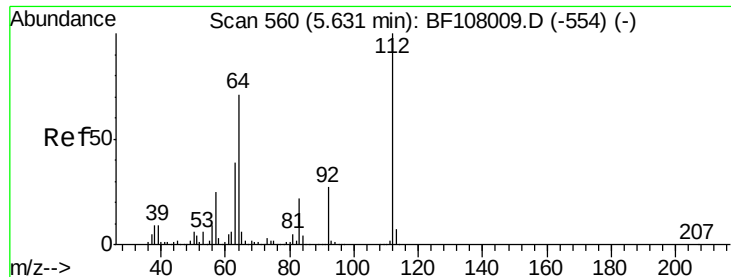


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.594 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

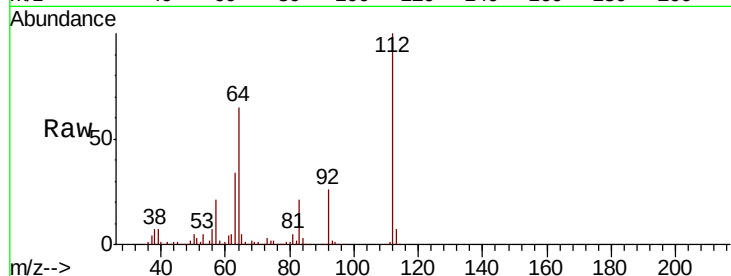
Tot Ion:112 Resp: 716521

Ion Ratio Lower Upper

112 100

64 64.6 47.9 71.9

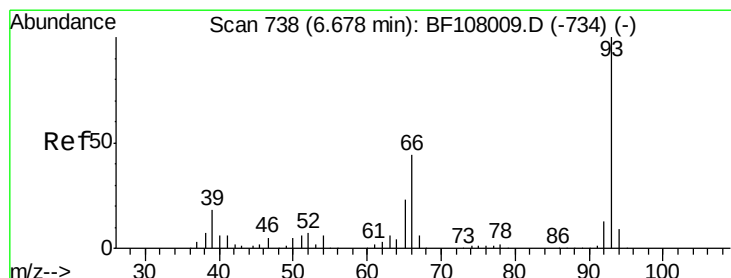
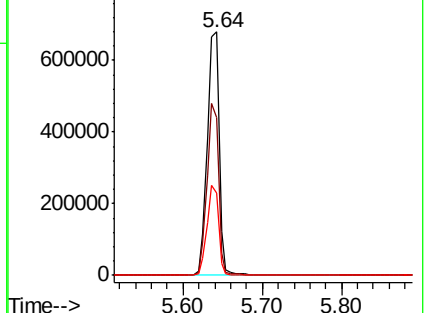
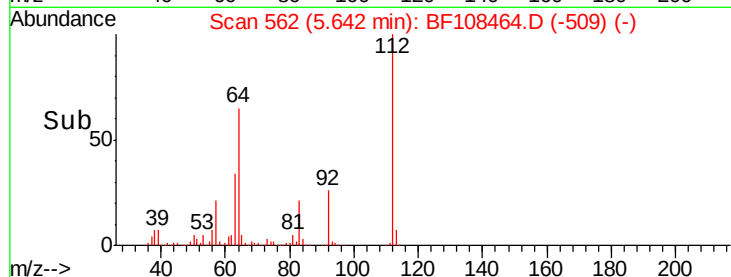
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.185 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

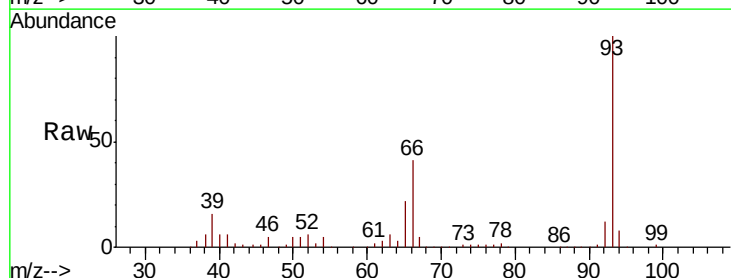
Tgt Ion: 93 Resp: 387422

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

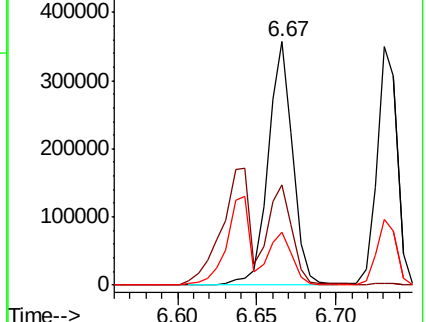
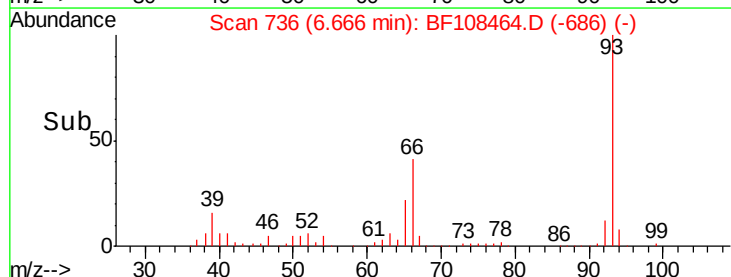
65 21.7 16.4 24.6

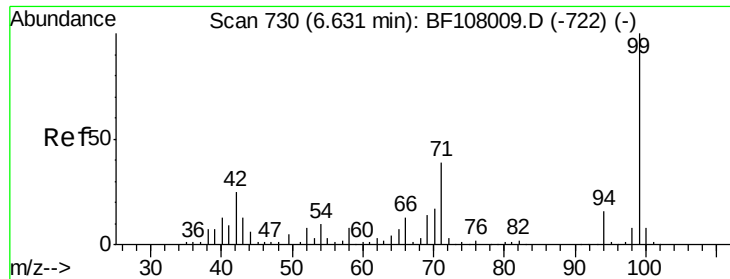


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.719 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampled :

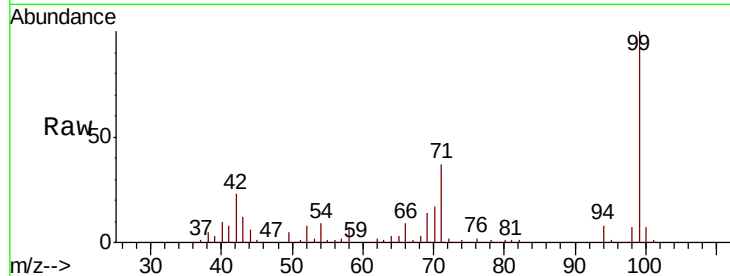
Tot Ion: 99 Resp: 944420

Ion Ratio Lower Upper

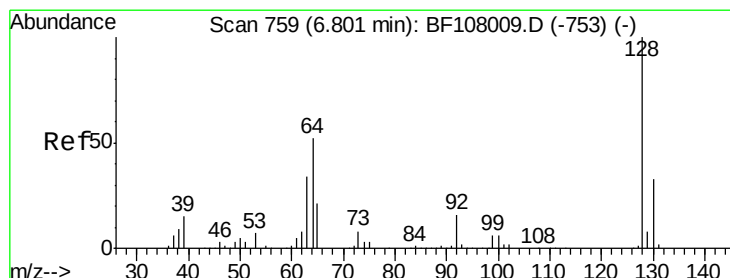
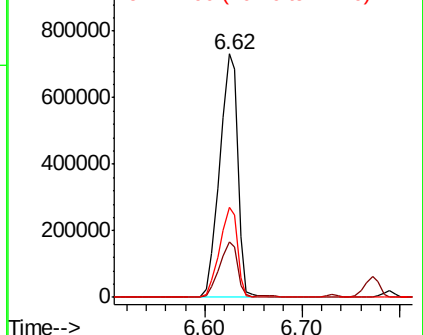
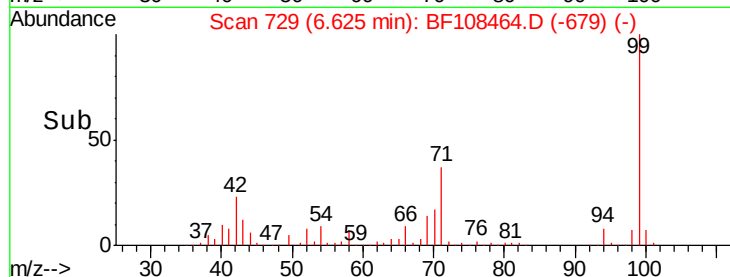
99 100

42 22.7 14.5 21.7#

71 36.9 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: 42.966 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

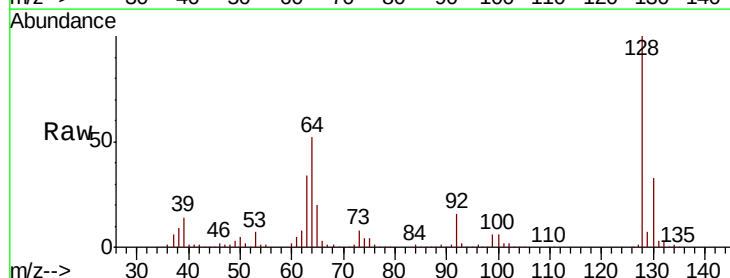
Tgt Ion: 128 Resp: 322259

Ion Ratio Lower Upper

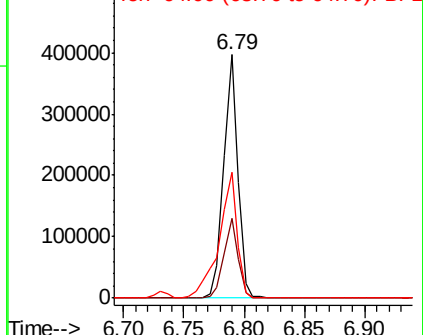
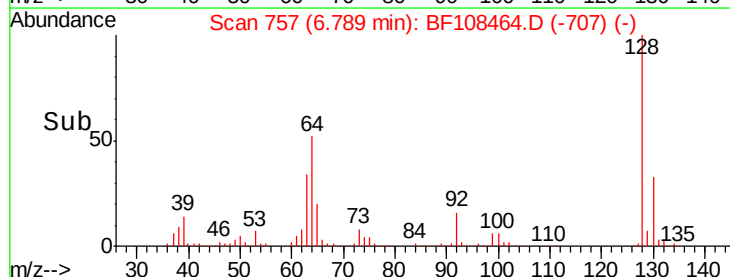
128 100

130 33.0 13.0 53.0

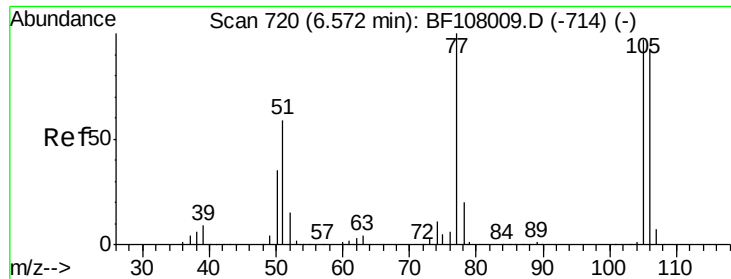
64 51.7 29.4 69.4



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



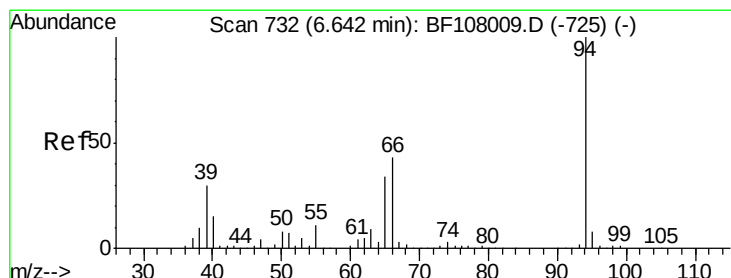
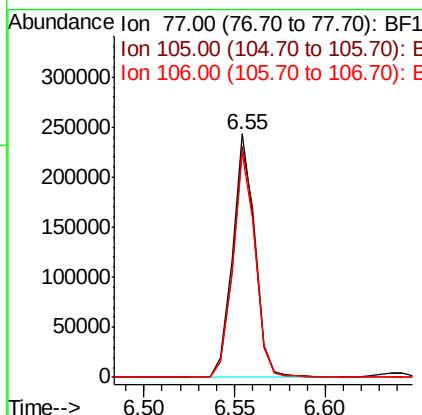
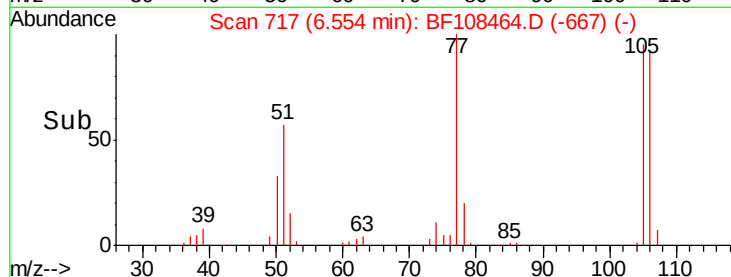
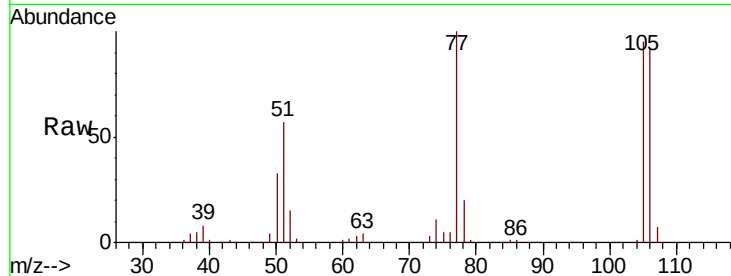




#9  
Benzaldehyde  
Concen: 29.937 ng  
RT: 6.55 min Scan# 717  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

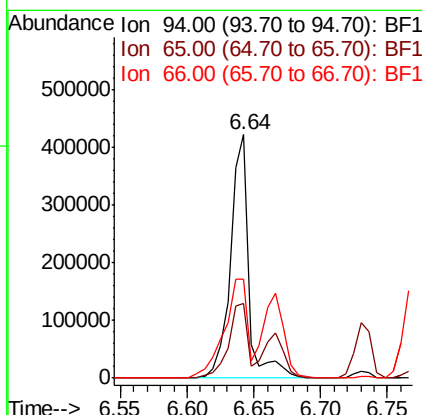
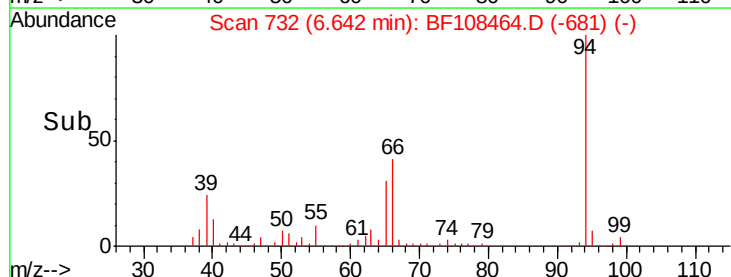
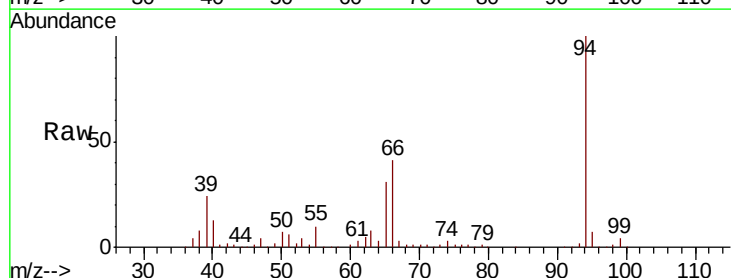
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 77 Resp: 205404  
Ion Ratio Lower Upper  
77 100  
105 94.6 81.1 121.1  
106 92.1 74.5 114.5

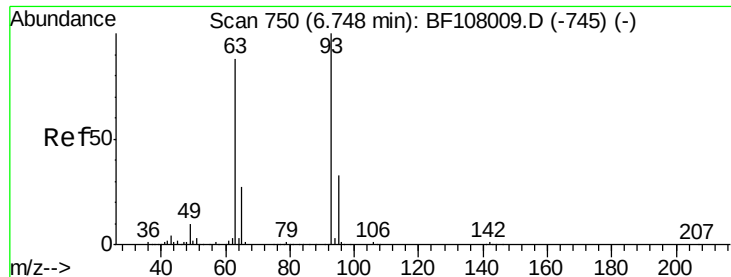


#10  
Phenol  
Concen: 44.790 ng  
RT: 6.64 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion: 94 Resp: 409999  
Ion Ratio Lower Upper  
94 100  
65 30.7 7.9 47.9  
66 40.8 16.2 56.2







#11

bis(2-Chloroethyl)ether

Concen: 41.537 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampled :

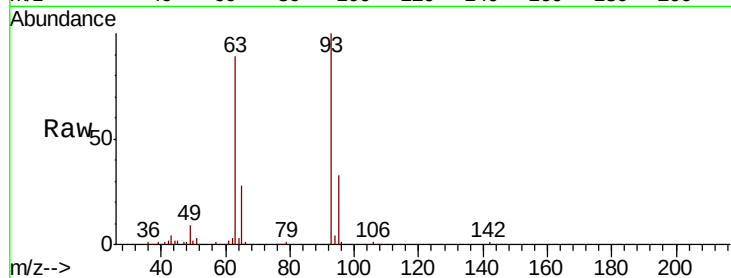
Tot Ion: 93 Resp: 307392

Ion Ratio Lower Upper

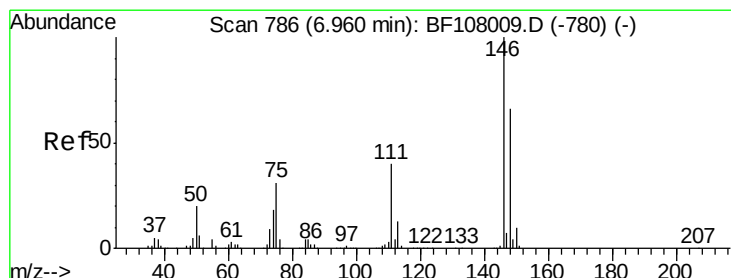
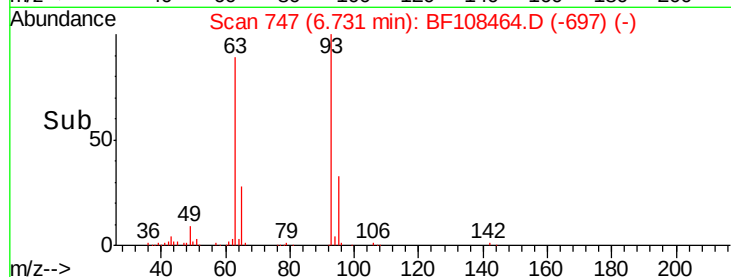
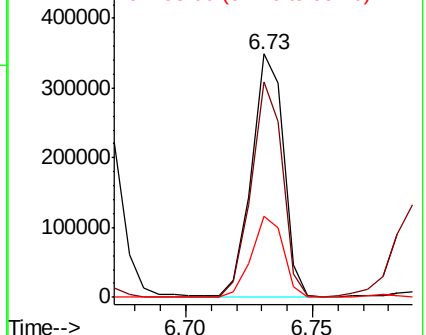
93 100

63 88.5 58.6 98.6

95 33.2 11.8 51.8



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



#12

1,3-Dichlorobenzene

Concen: 42.082 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

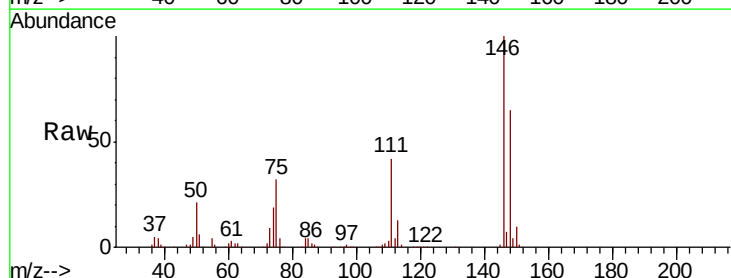
Tgt Ion: 146 Resp: 364956

Ion Ratio Lower Upper

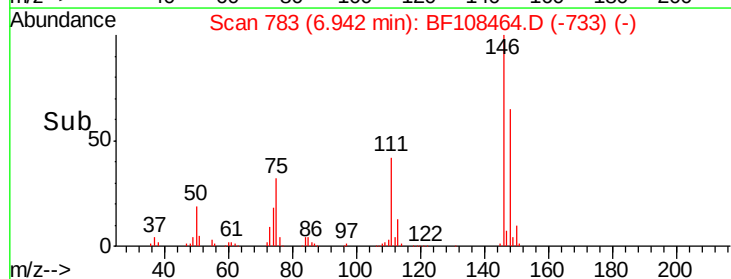
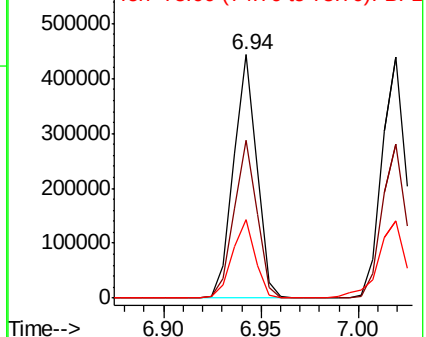
146 100

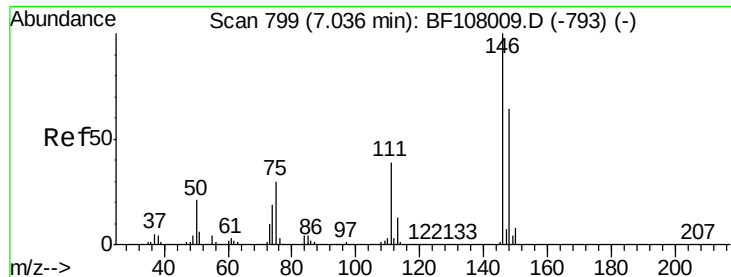
148 64.9 51.8 77.8

75 32.5 24.2 36.4



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

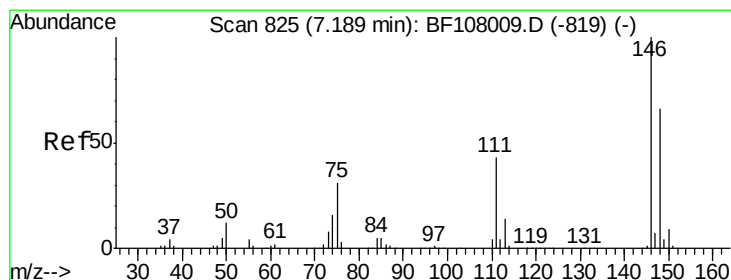
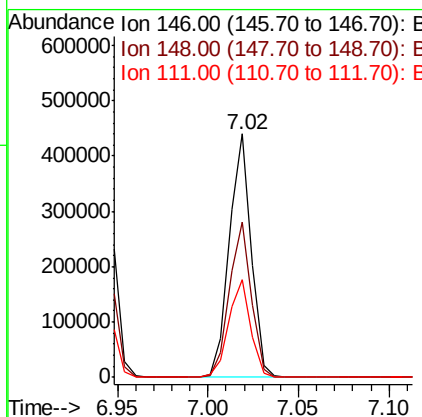
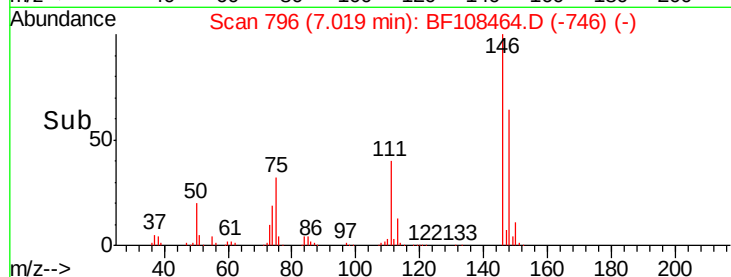
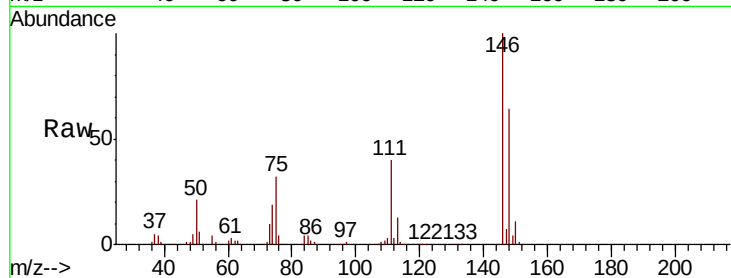




#13  
 1,4-Dichlorobenzene  
 Concen: 42.466 ng  
 RT: 7.02 min Scan# 796  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

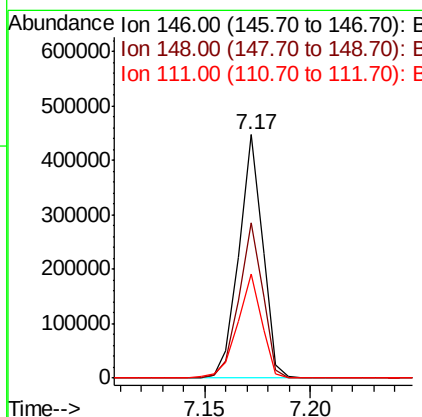
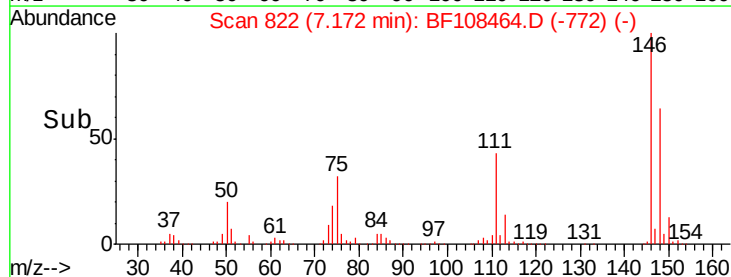
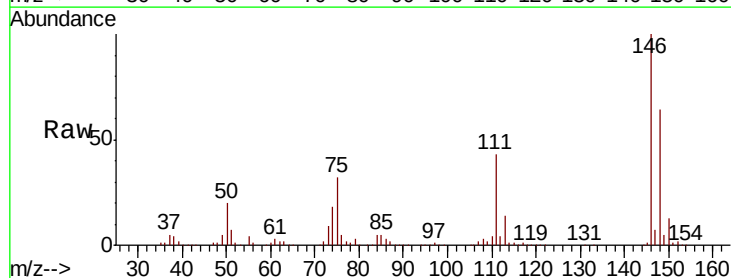
Instrument :  
 BNA\_G  
 ClientSampled :

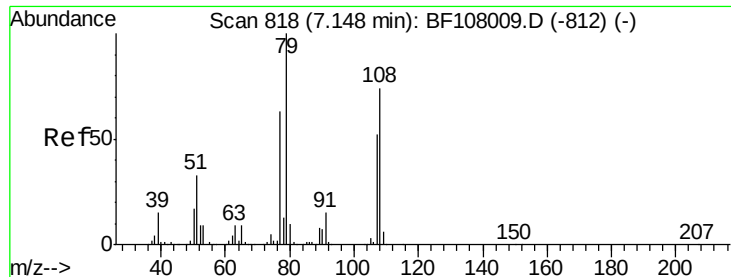
Tot Ion:146 Resp: 370023  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 50.8 76.2  
 111 40.1 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 42.773 ng  
 RT: 7.17 min Scan# 822  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Tgt Ion:146 Resp: 346667  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 50.6 75.8  
 111 42.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 38.869 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

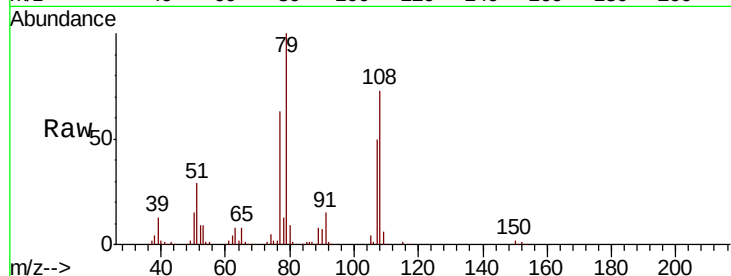
Tot Ion: 79 Resp: 289569

Ion Ratio Lower Upper

79 100

108 73.1 65.1 97.7

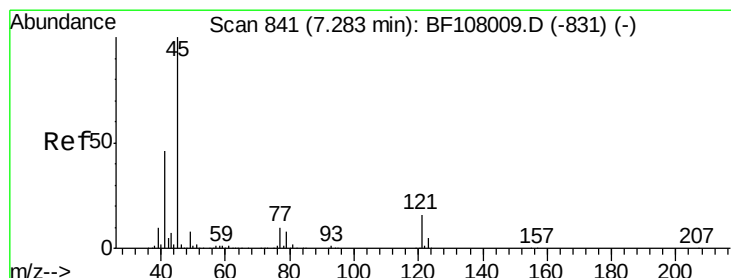
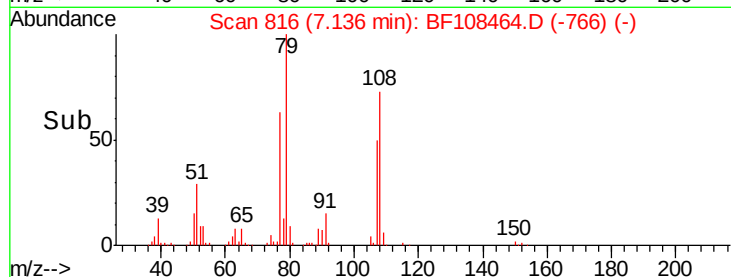
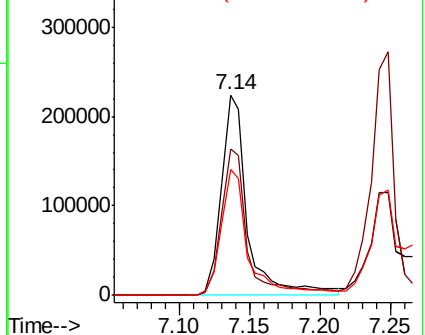
77 62.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.557 ng

RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

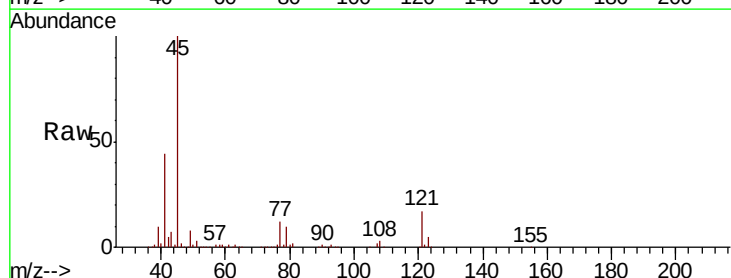
Tgt Ion: 45 Resp: 587827

Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

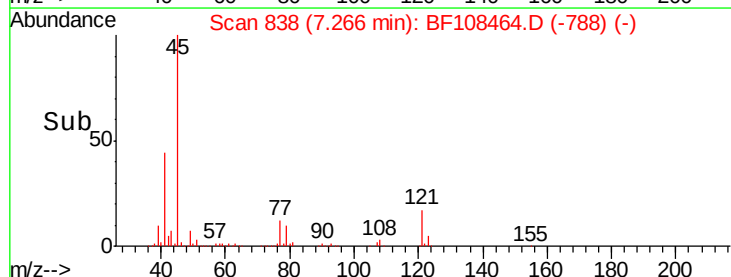
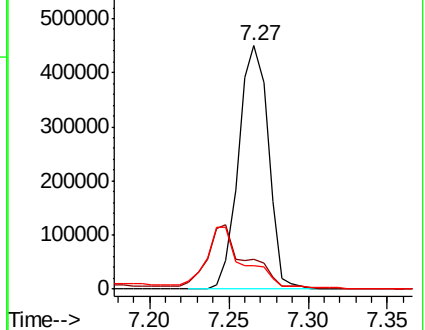
79 9.8 0.0 29.6

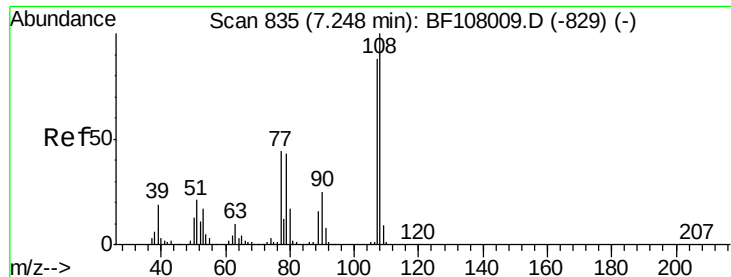


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 43.886 ng

RT: 7.25 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 282273

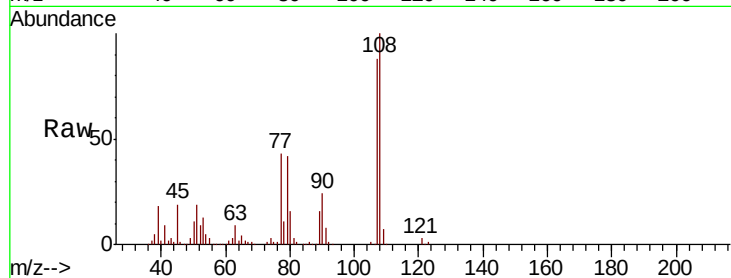
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 49.6 33.8 50.8

79 48.4 33.8 50.8

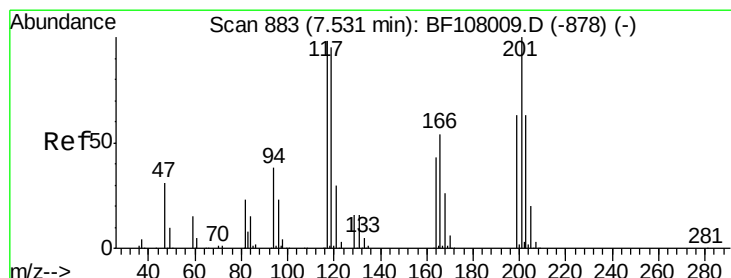
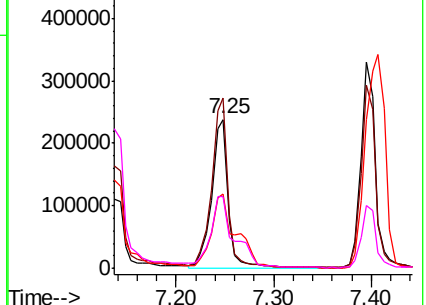
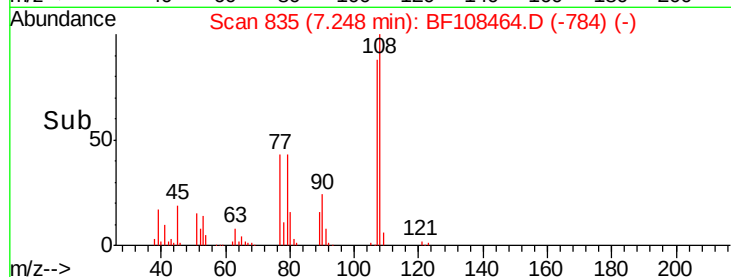


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.930 ng

RT: 7.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

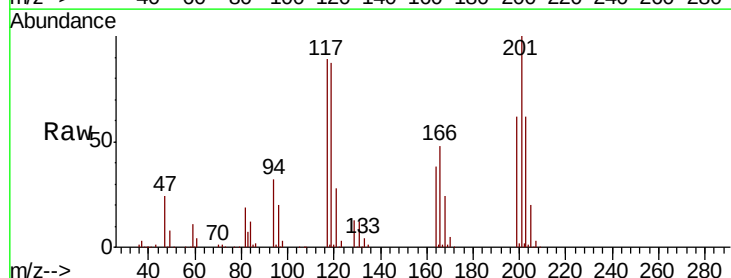
Tgt Ion:117 Resp: 133173

Ion Ratio Lower Upper

117 100

119 97.6 75.8 113.8

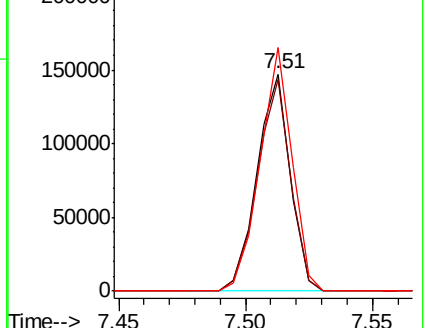
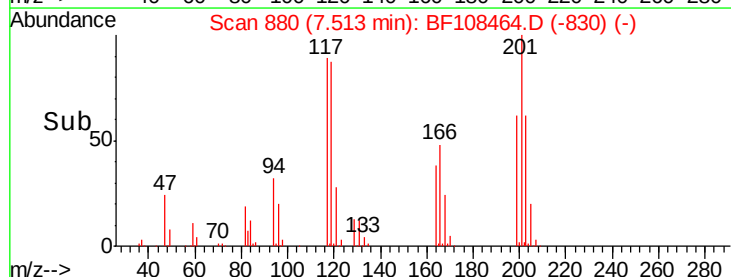
201 112.3 75.7 113.5

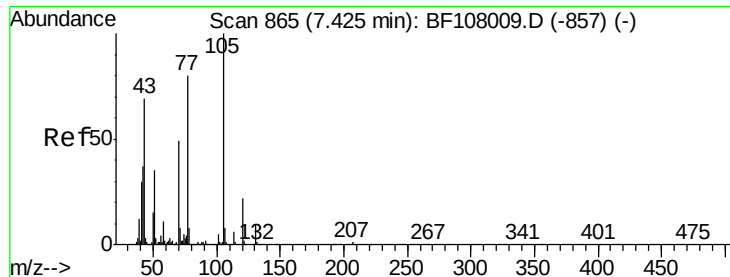


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

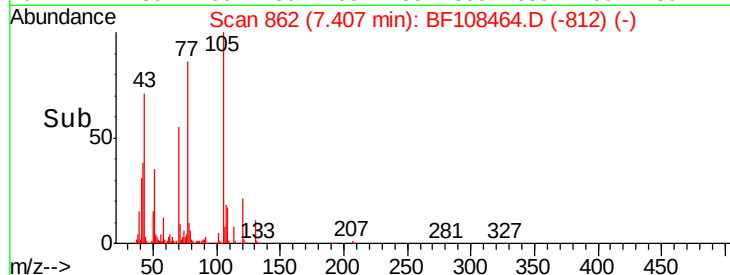
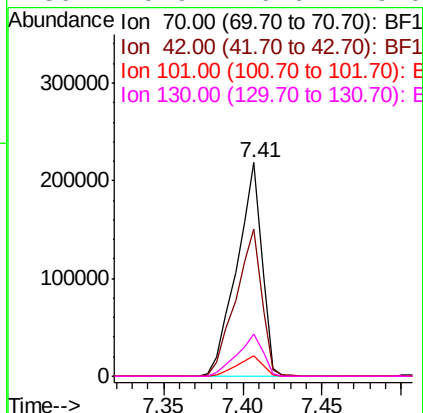
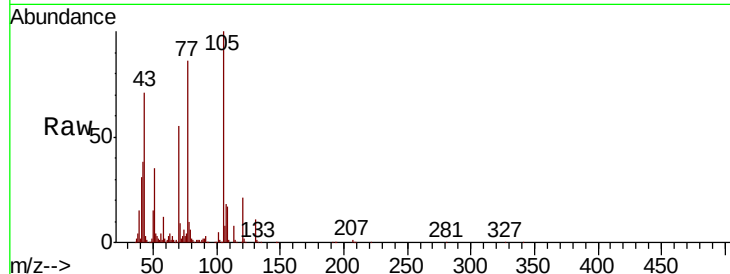




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.115 ng  
RT: 7.41 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

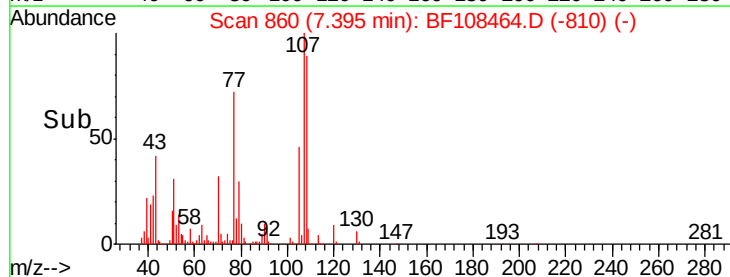
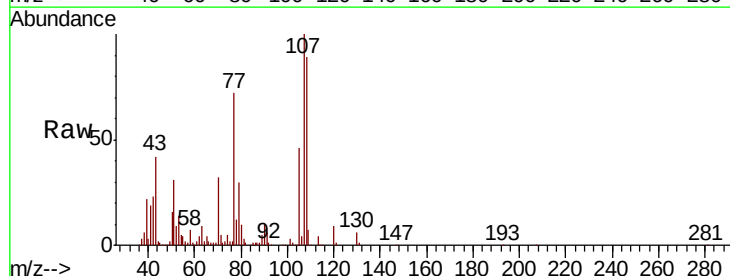
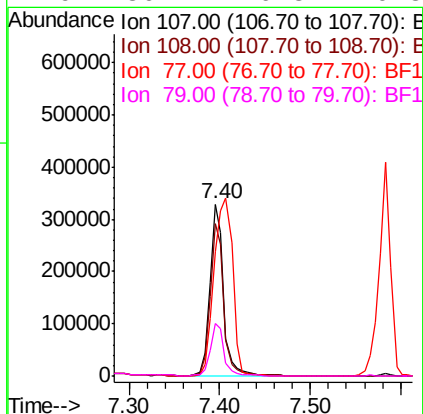
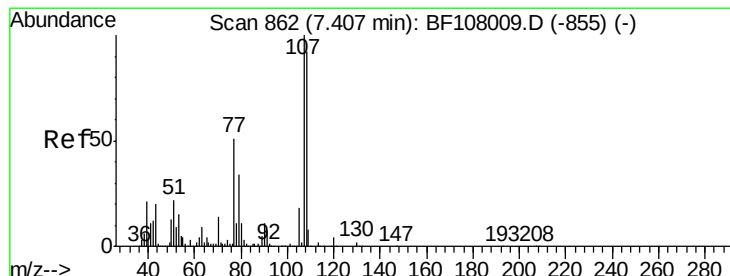
Instrument :  
BNA\_G  
ClientSampleId :

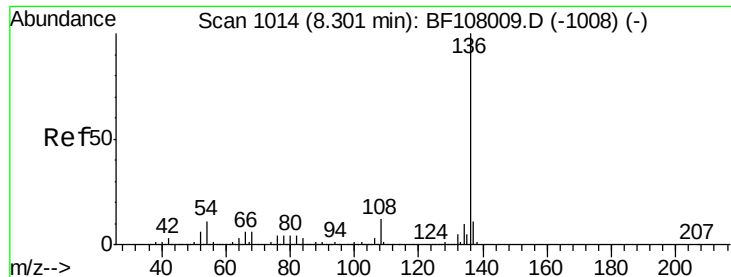
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 240061 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 69.1  | 47.5  | 71.3   |
| 101      | 9.6   | 7.4   | 11.2   |
| 130      | 19.9  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 41.800 ng  
RT: 7.40 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 344538 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.0  | 68.2  | 108.2  |
| 77       | 72.2  | 26.7  | 66.7#  |
| 79       | 30.4  | 6.3   | 46.3   |

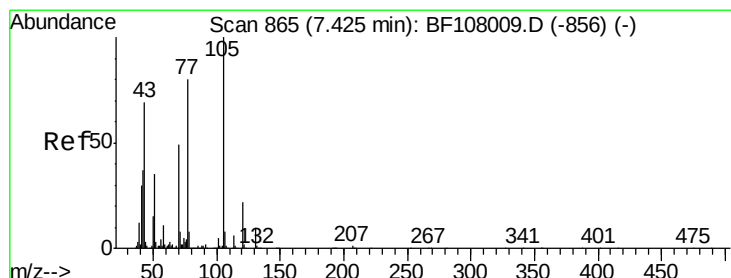
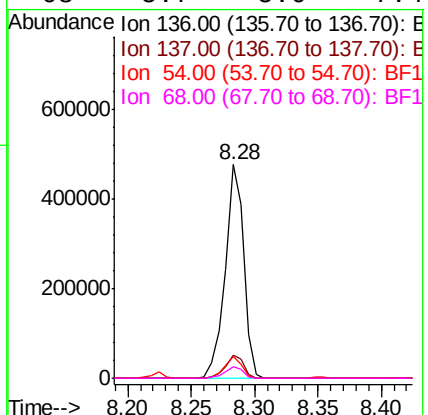
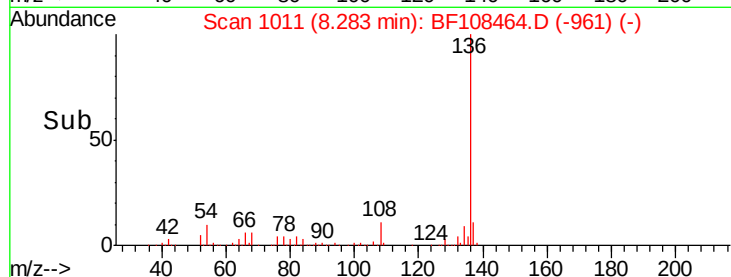
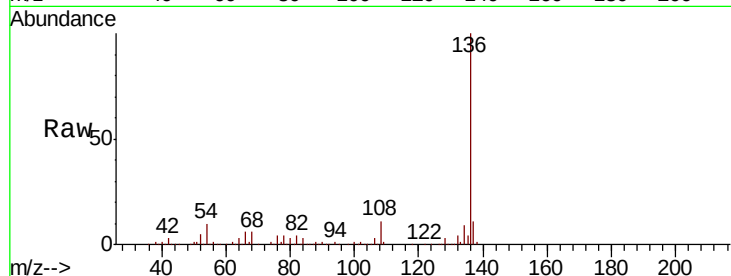




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.28 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

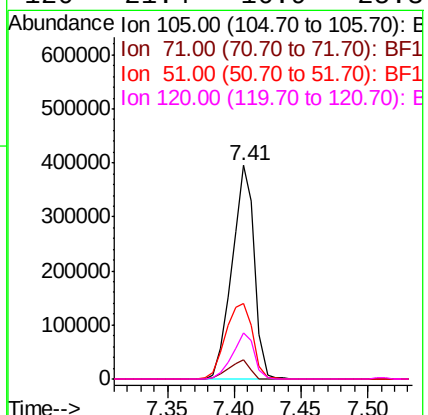
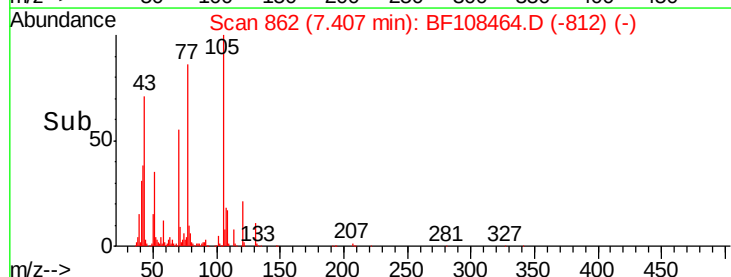
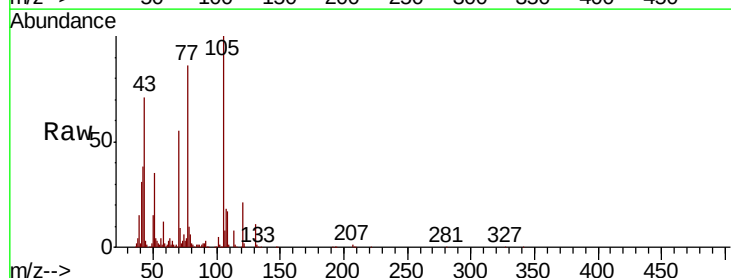
Instrument :  
BNA\_G  
ClientSampleId :

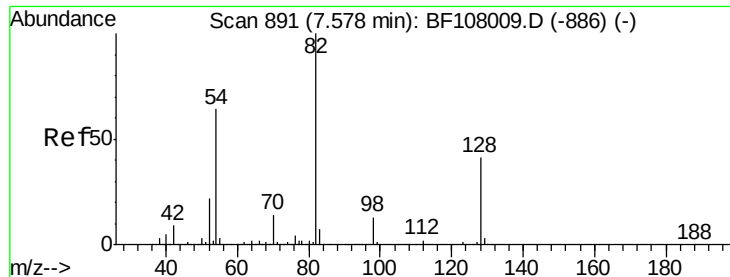
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 481223   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.9 13.3 |
| 54          | 10.0  | 6.6 9.8# |
| 68          | 5.7   | 5.0 7.4  |



#22  
Acetophenone  
Concen: 41.137 ng  
RT: 7.41 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 462888     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 9.0   | 4.4 6.6#   |
| 51          | 35.4  | 22.3 33.5# |
| 120         | 21.4  | 16.9 25.3  |

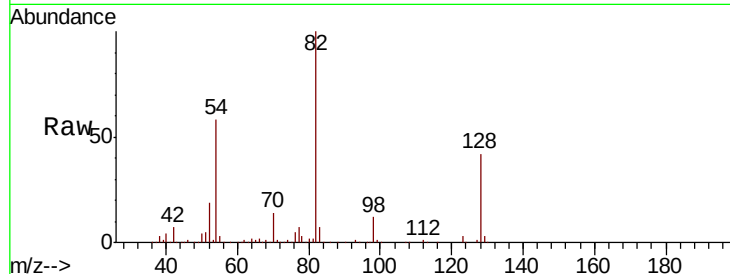




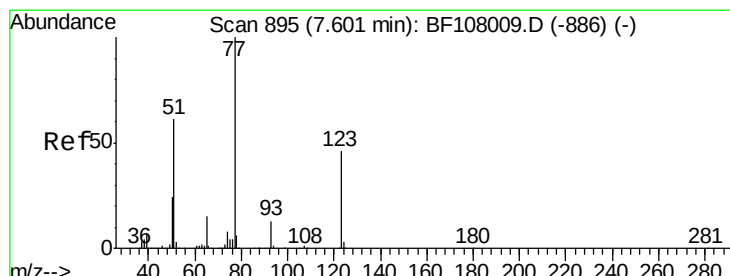
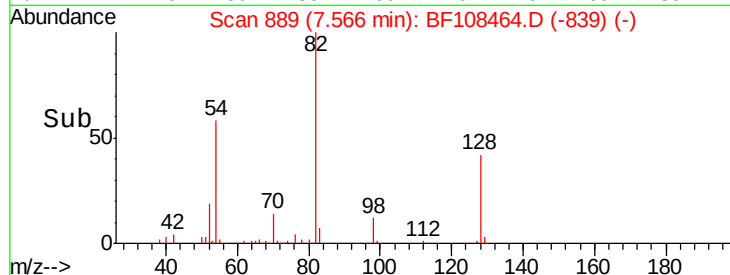
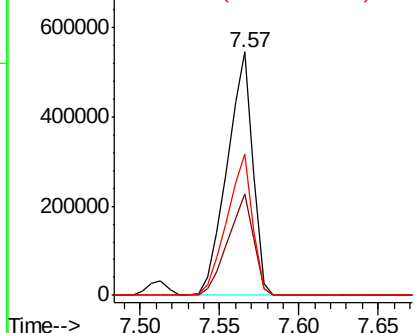
#23  
 Nitrobenzene-d5  
 Concen: 71.206 ng  
 RT: 7.57 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 82   | Resp  | 614073 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 41.7 | 36.1  | 54.1   |
| 54        | 58.2 | 41.4  | 62.2   |

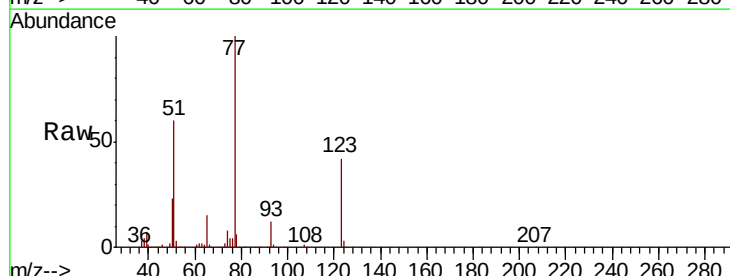


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

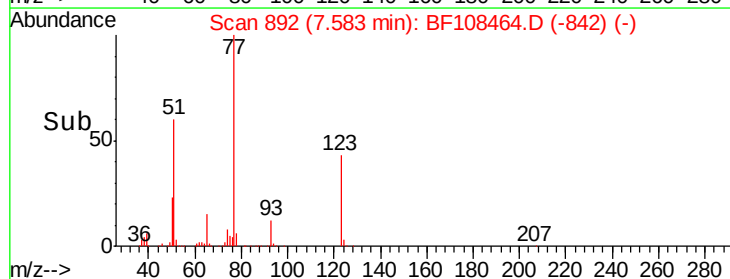
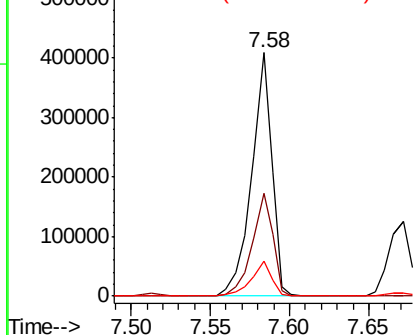


#24  
 Nitrobenzene  
 Concen: 41.460 ng  
 RT: 7.58 min Scan# 892  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

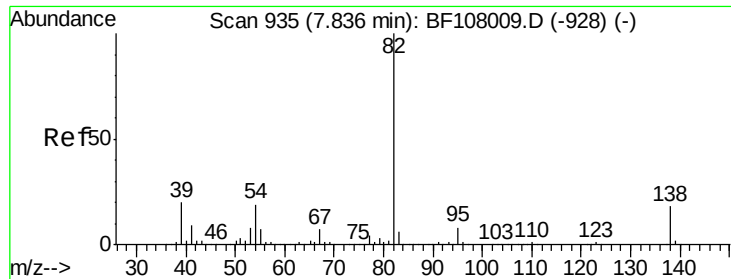
| Tgt Ion   | 77   | Resp  | 361552 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 42.5 | 37.9  | 56.9   |
| 65        | 14.5 | 11.0  | 16.4   |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1



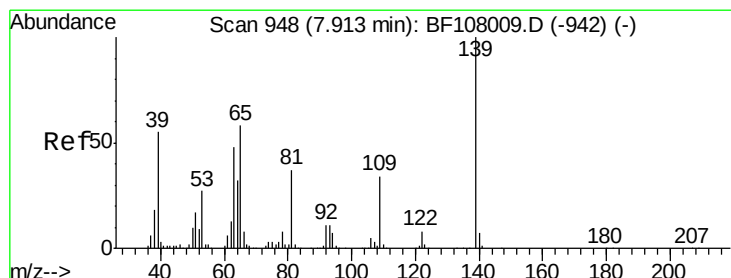
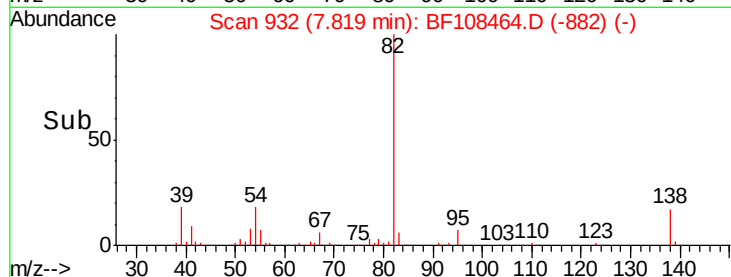
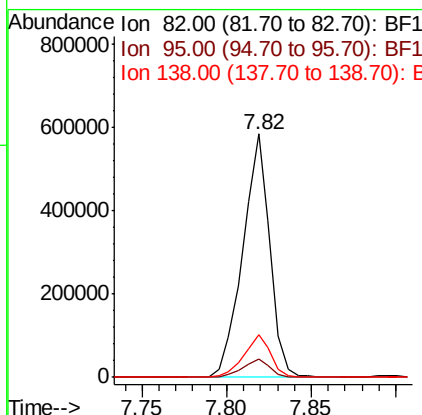
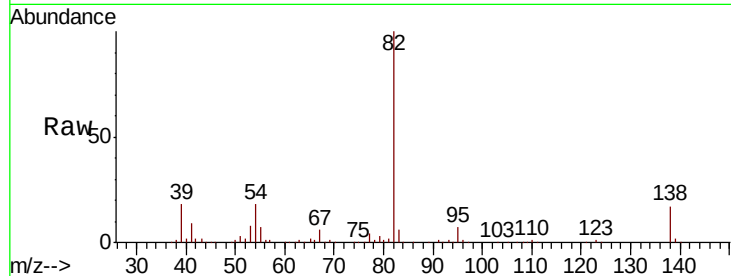




#25  
Isophorone  
Concen: 39.831 ng  
RT: 7.82 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

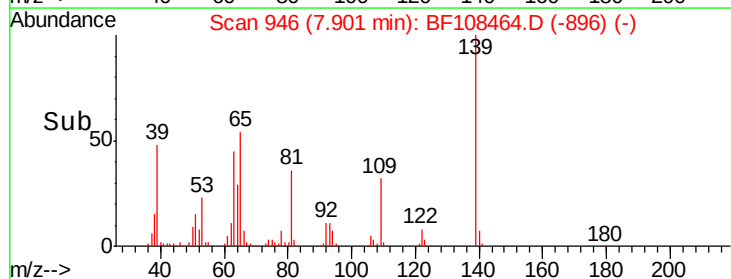
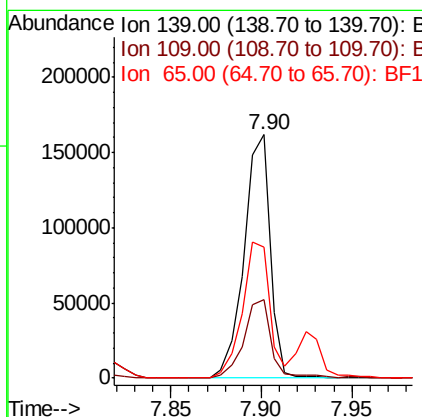
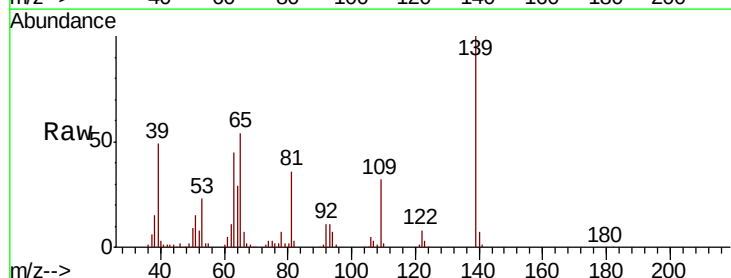
Instrument :  
BNA\_G  
ClientSampleId :

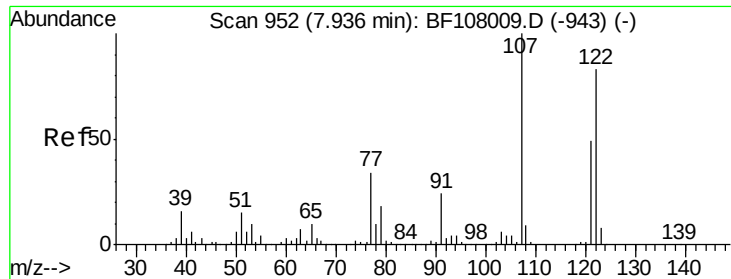
| Tot Ion   | 82    | Resp  | 654713 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.4   | 5.2   | 7.8    |
| 138       | 17.3  | 14.9  | 22.3   |



#26  
2-Nitrophenol  
Concen: 49.311 ng  
RT: 7.90 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

| Tgt Ion   | 139   | Resp  | 162397 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 32.4  | 22.7  | 34.1   |
| 65        | 53.8  | 40.5  | 60.7   |





#27

2,4-Dimethylphenol

Concen: 41.378 ng

RT: 7.92 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

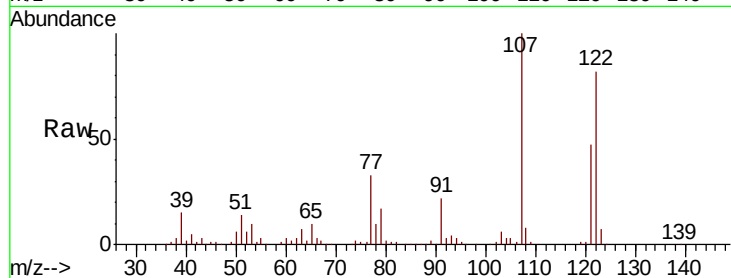
Tot Ion:122 Resp: 301868

Ion Ratio Lower Upper

122 100

107 121.9 91.2 136.8

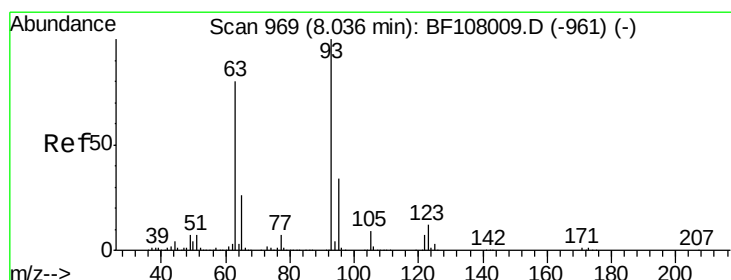
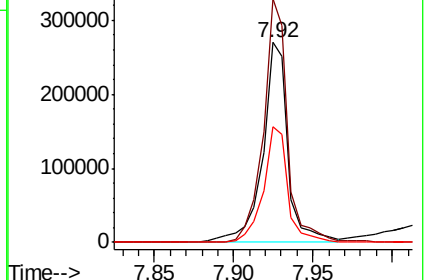
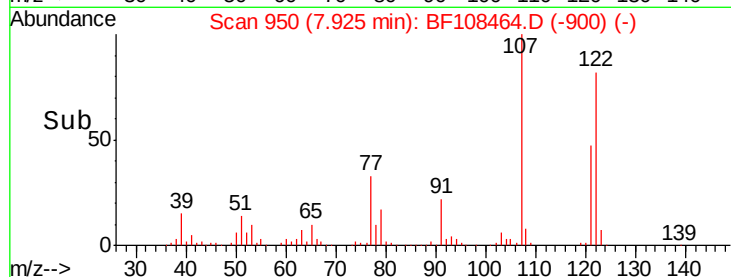
121 57.8 47.2 70.8



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: 41.415 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

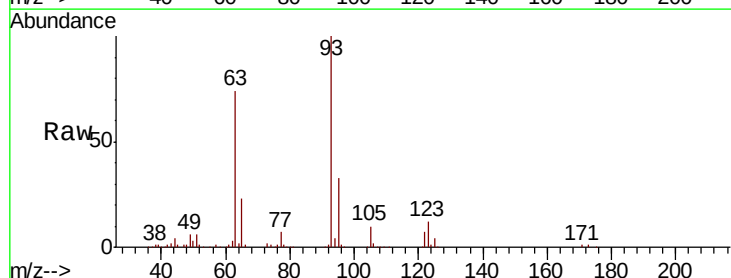
Tgt Ion: 93 Resp: 397409

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

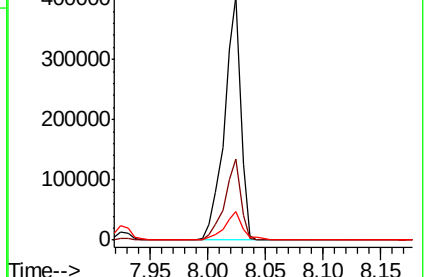
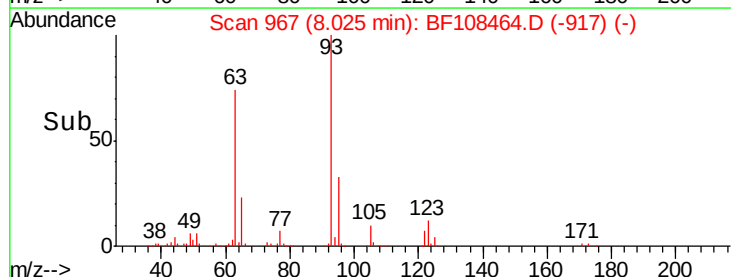
123 11.8 9.8 14.6

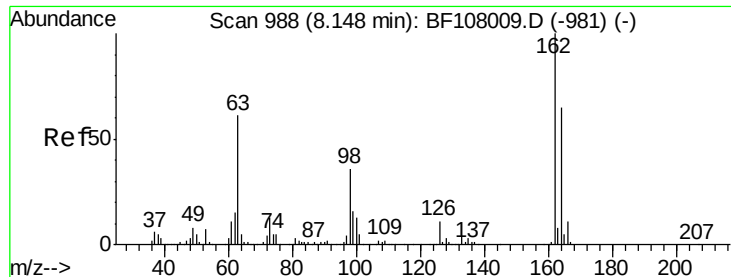


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

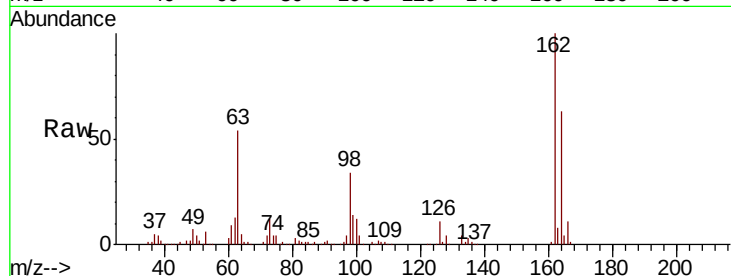




#29  
2,4-Dichlorophenol  
Concen: 43.187 ng  
RT: 8.14 min Scan# 987  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.5  | 42.7  | 82.7  |
| 98      | 34.4  | 18.1  | 58.1  |

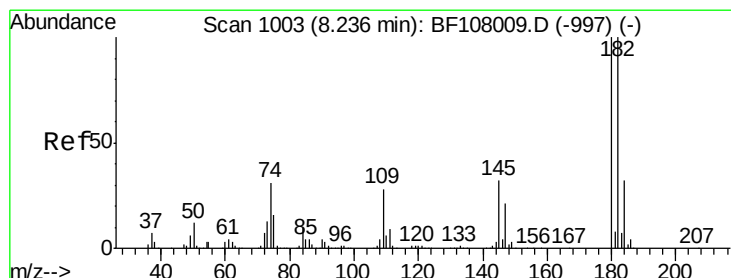
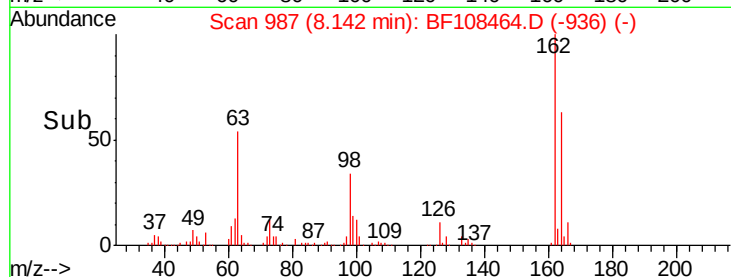
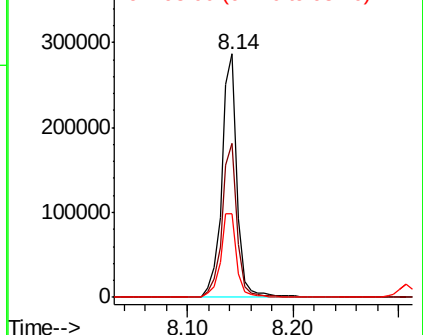


Abundance

Ion 162.00 (161.70 to 162.70): E

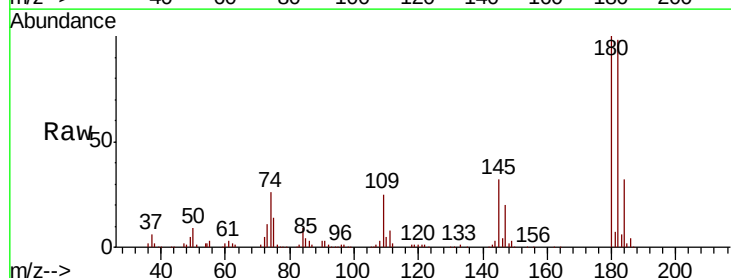
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30  
1,2,4-Trichlorobenzene  
Concen: 42.131 ng  
RT: 8.22 min Scan# 1001  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.3  | 76.8  | 115.2 |
| 145     | 31.7  | 26.5  | 39.7  |

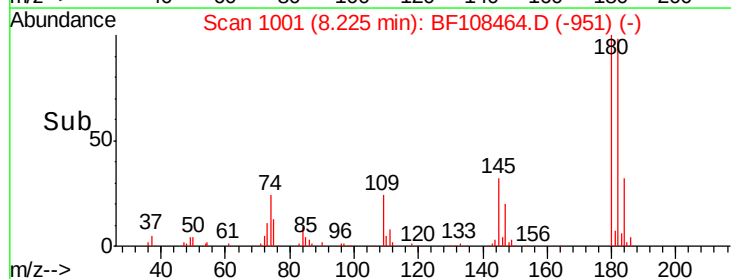
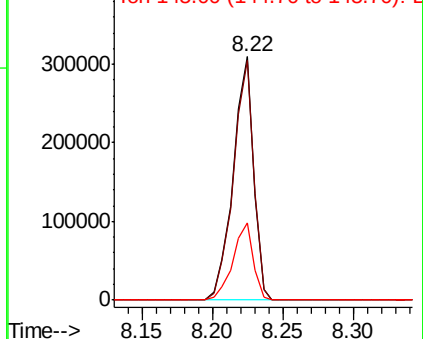


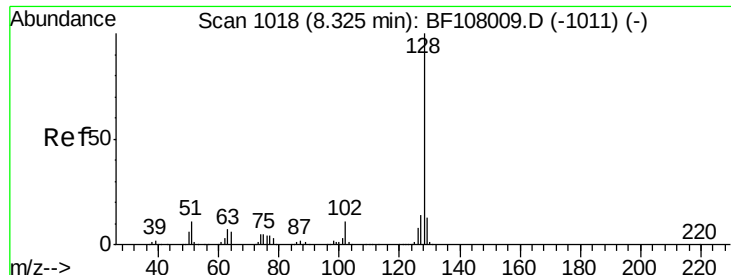
Abundance

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

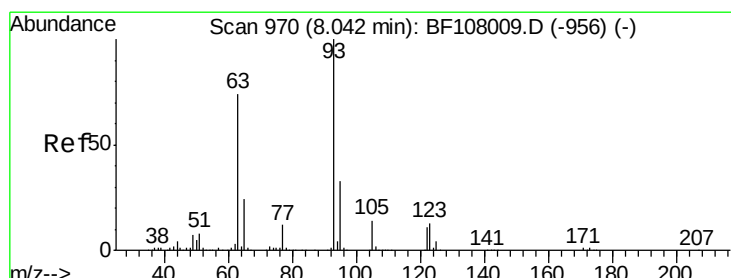
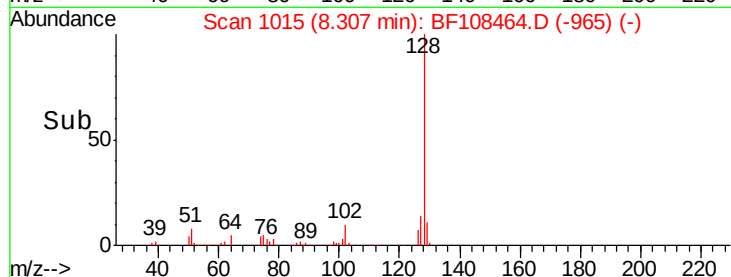
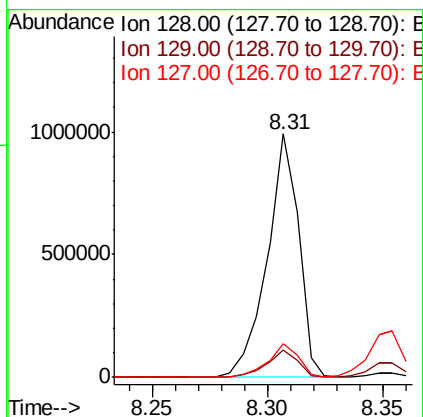
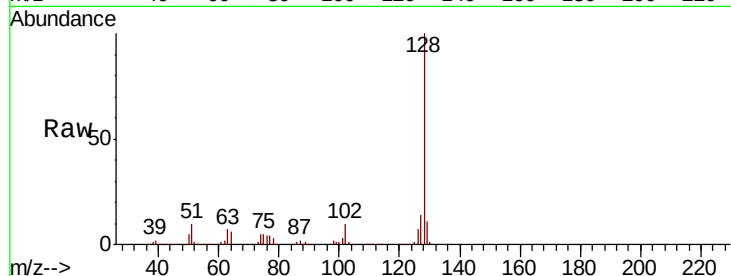




#31  
Naphthalene  
Concen: 42.929 ng  
RT: 8.31 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

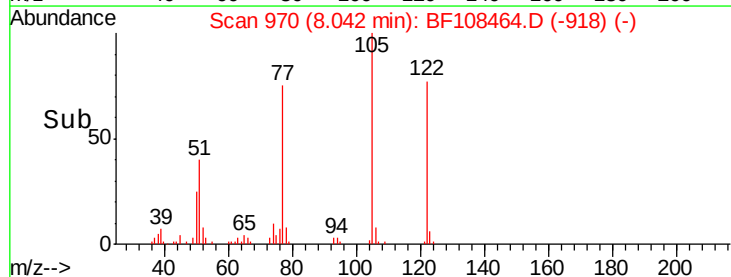
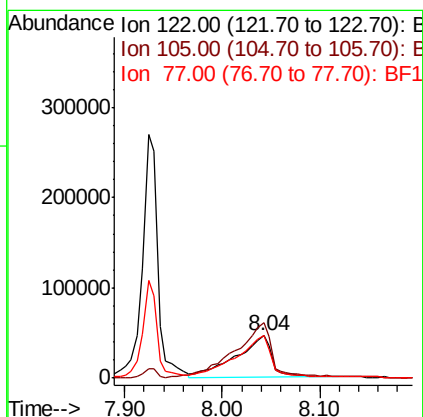
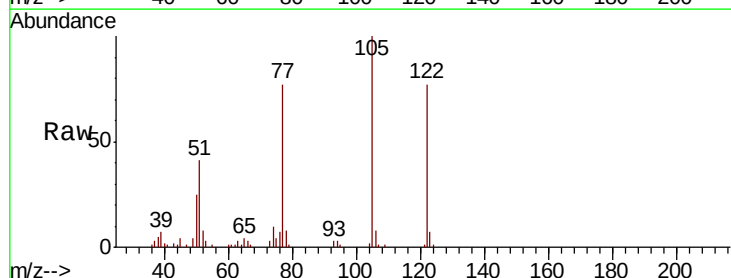
Instrument :  
BNA\_G  
ClientSampleId :

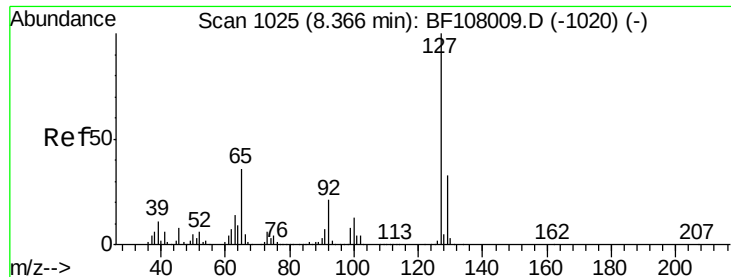
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.8   | 13.2  |
| 127     | 13.6  | 10.9  | 16.3  |



#32  
Benzoic acid  
Concen: 30.681 ng  
RT: 8.04 min Scan# 970  
Delta R.T. 0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 130.6 | 101.1 | 141.1 |
| 77      | 100.8 | 70.7  | 110.7 |

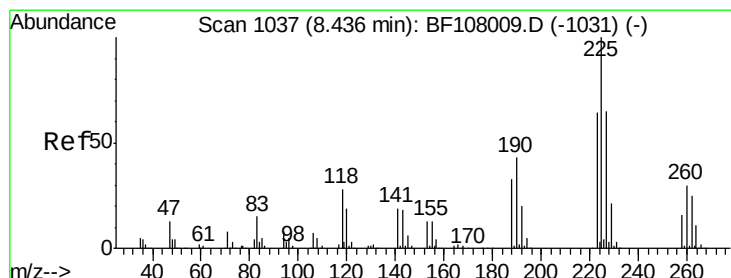
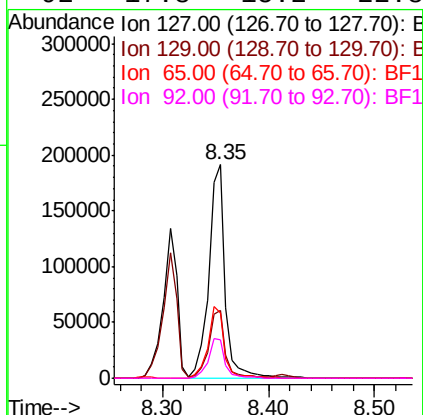
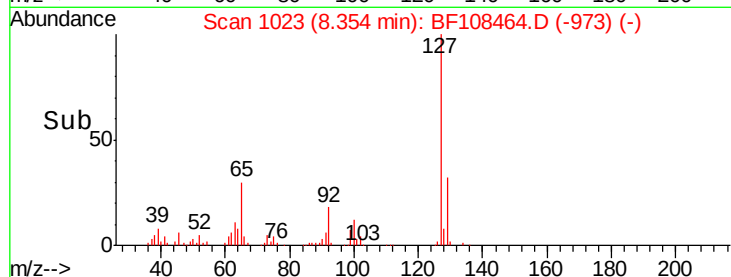
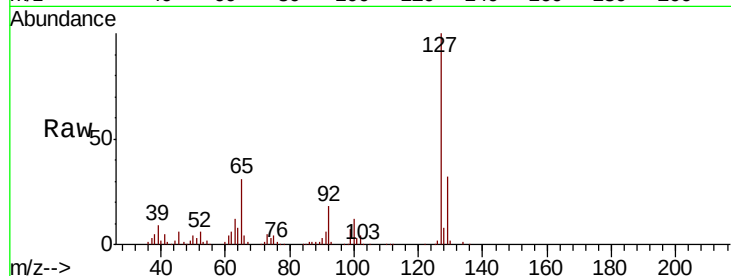




#33  
4-Chloroaniline  
Concen: 21.780 ng  
RT: 8.35 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

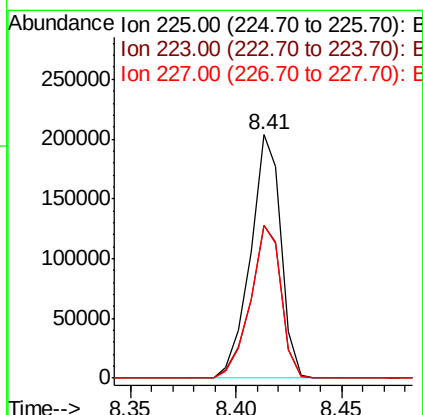
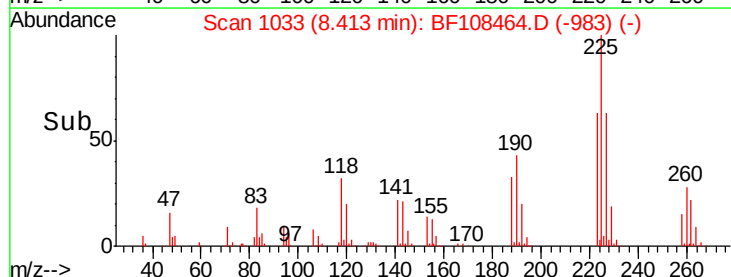
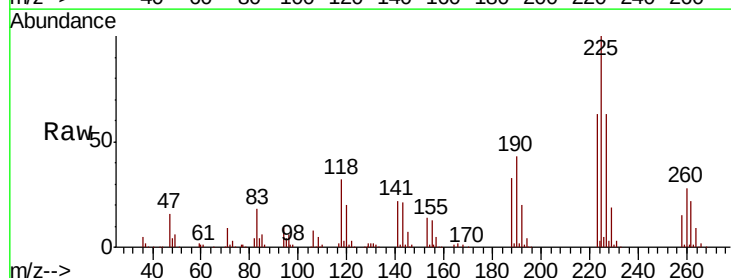
Instrument :  
BNA\_G  
ClientSampled :

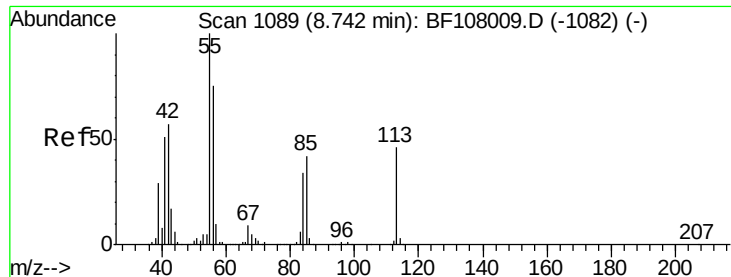
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 207726 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.9  | 38.9   |
| 65       | 30.7  | 25.0  | 37.4   |
| 92       | 17.8  | 15.2  | 22.8   |



#34  
Hexachlorobutadiene  
Concen: 43.508 ng  
RT: 8.41 min Scan# 1033  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 203874 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 50.6  | 76.0   |
| 227      | 62.5  | 51.9  | 77.9   |

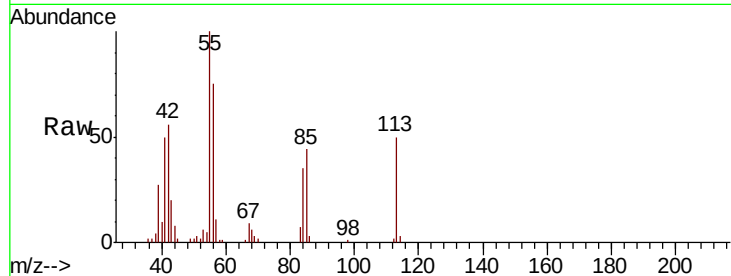




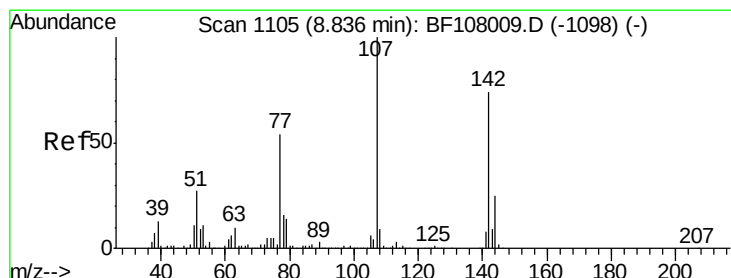
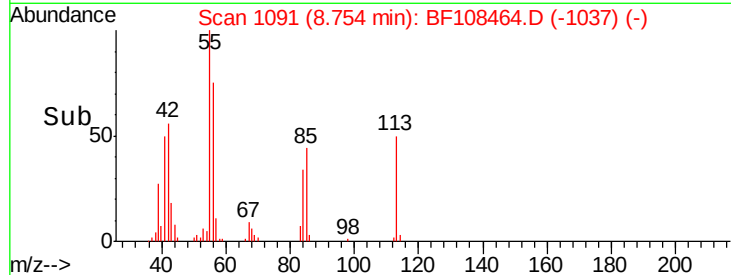
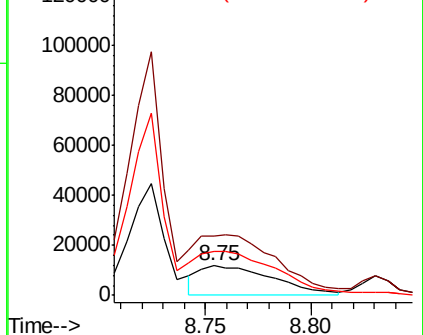
#35  
 Caprolactam  
 Concen: 13.839 ng  
 RT: 8.75 min Scan# 1091  
 Delta R.T. 0.02 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:113 Resp: 29117  
 Ion Ratio Lower Upper  
 113 100  
 55 199.4 163.3 203.3  
 56 148.9 115.7 155.7

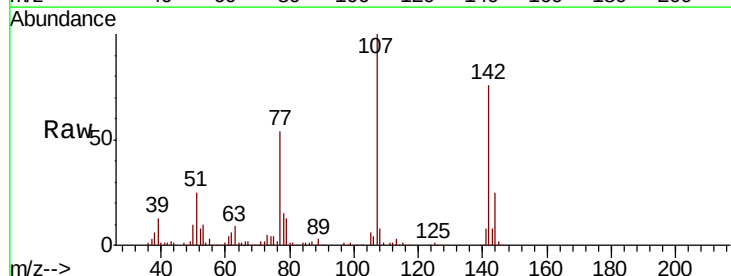


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

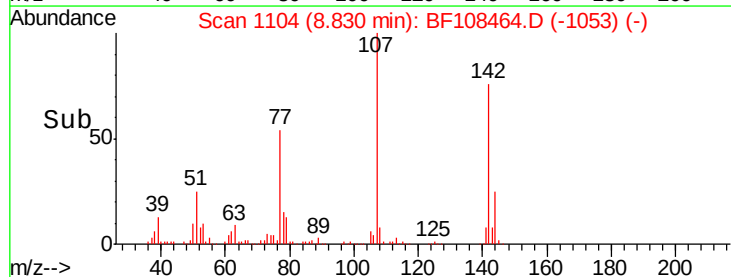
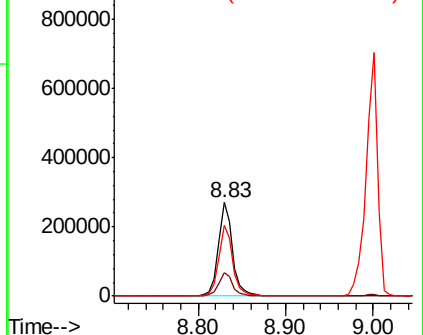


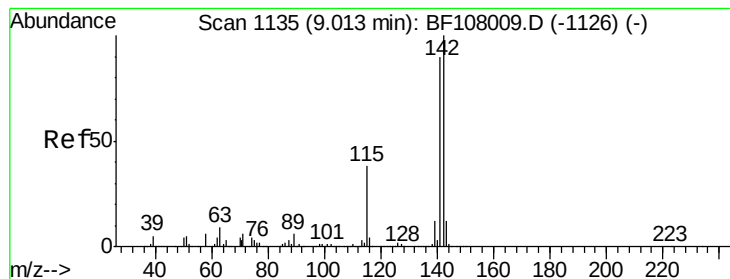
#36  
 4-Chloro-3-methylphenol  
 Concen: 41.948 ng  
 RT: 8.83 min Scan# 1104  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Tgt Ion:107 Resp: 303813  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 20.5 30.7  
 142 75.9 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: 42.055 ng

RT: 9.00 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampled :

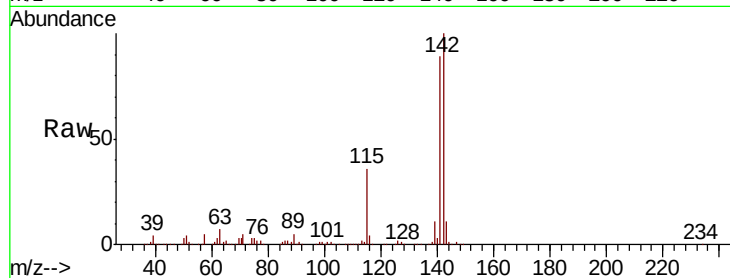
Tot Ion:142 Resp: 651171

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

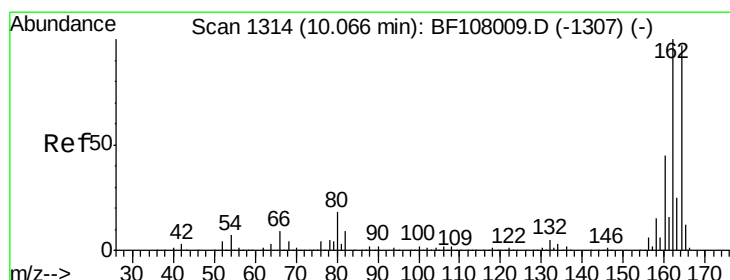
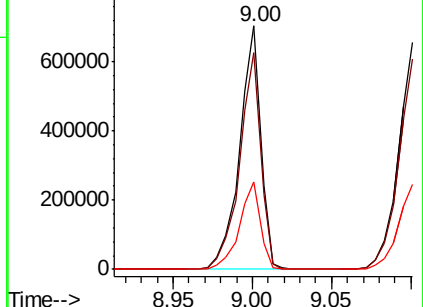
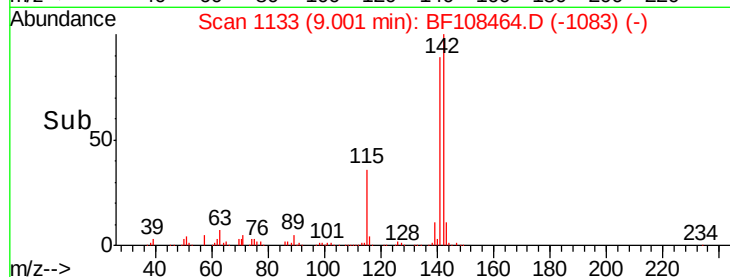
115 35.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

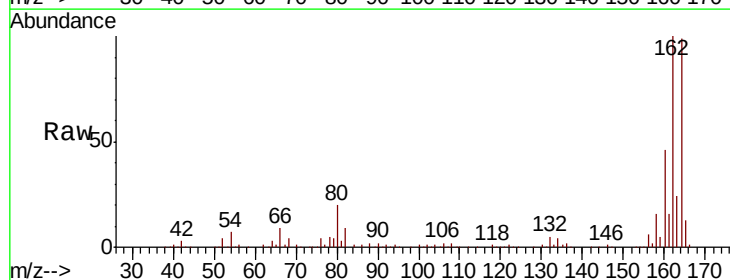
Tgt Ion:164 Resp: 244598

Ion Ratio Lower Upper

164 100

162 100.6 86.1 129.1

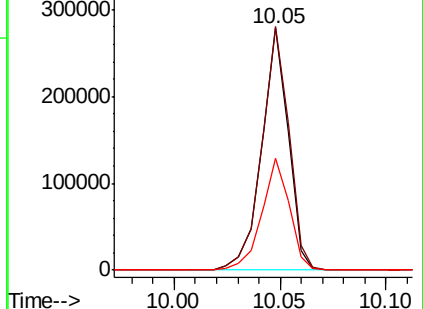
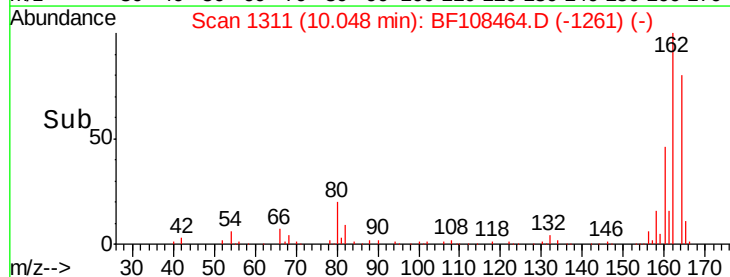
160 46.2 38.3 57.5

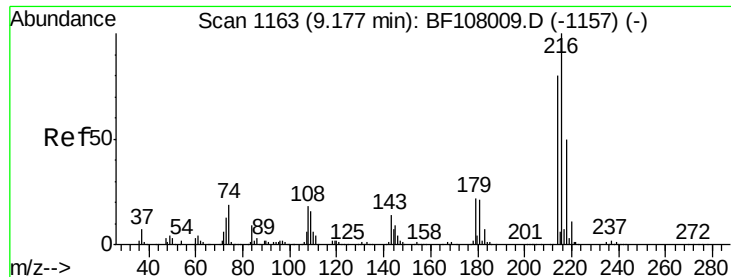


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

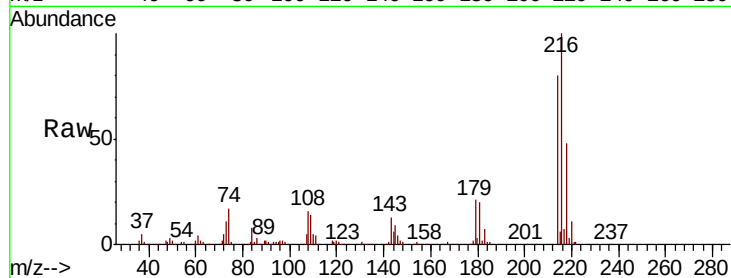




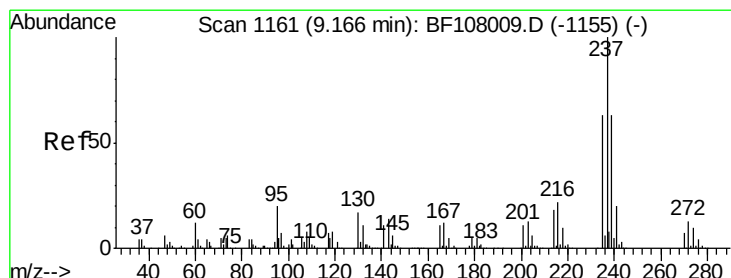
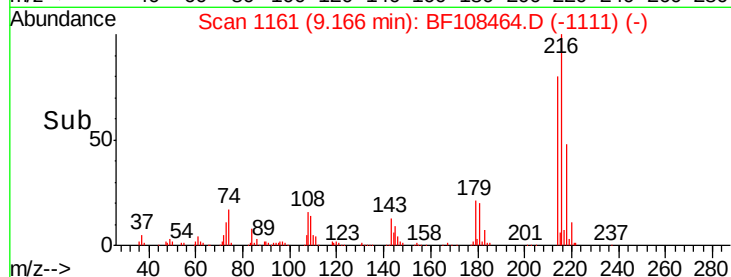
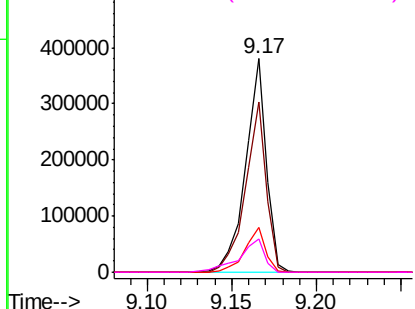
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.472 ng  
 RT: 9.17 min Scan# 1161  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 326536    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 80.0  | 63.0 94.4 |
| 179         | 20.9  | 18.1 27.1 |
| 108         | 19.4  | 17.2 25.8 |

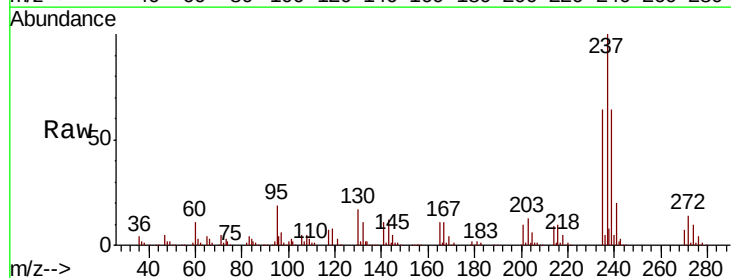


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

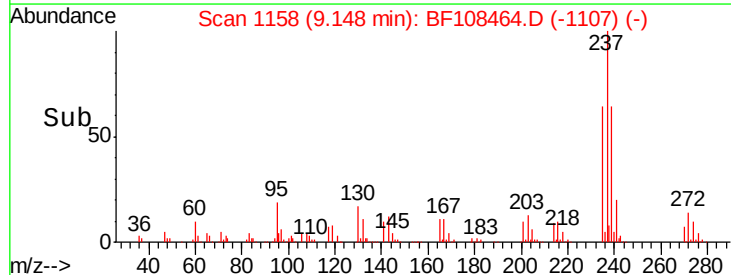
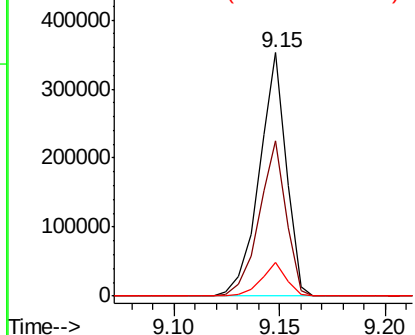


#40  
 Hexachlorocyclopentadiene  
 Concen: 64.389 ng  
 RT: 9.15 min Scan# 1158  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

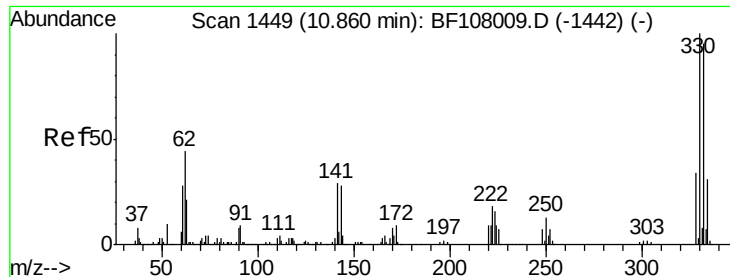
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 312396    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 63.9  | 44.8 84.8 |
| 272         | 13.7  | 0.0 33.3  |



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



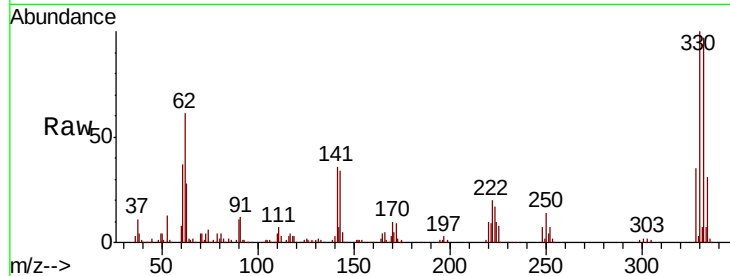




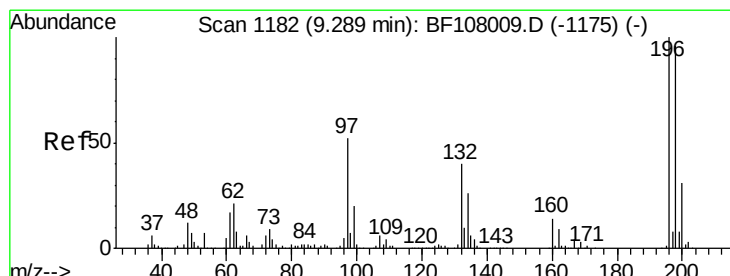
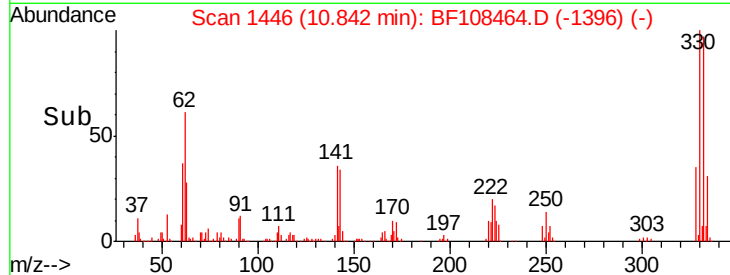
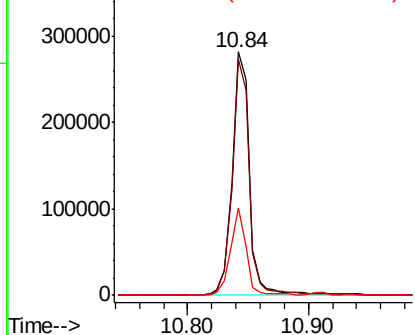
#41  
 2,4,6-Tribromophenol  
 Concen: 115.607 ng  
 RT: 10.84 min Scan# 1446  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:330 Resp: 282059  
 Ion Ratio Lower Upper  
 330 100  
 332 97.9 77.0 115.6  
 141 32.9 29.9 44.9

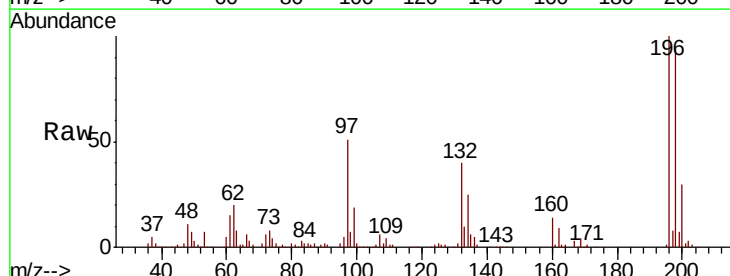


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

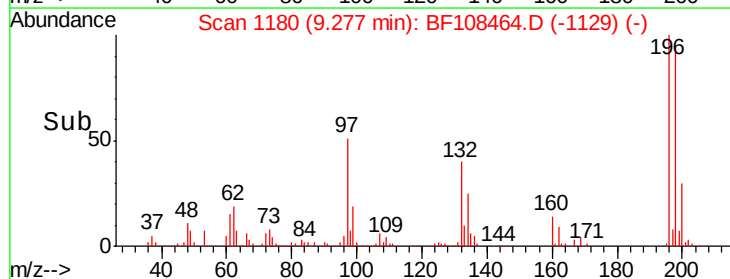
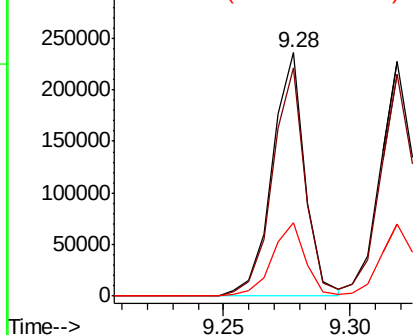


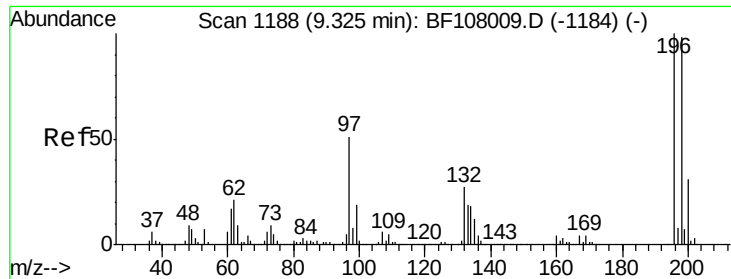
#42  
 2,4,6-Trichlorophenol  
 Concen: 45.708 ng  
 RT: 9.28 min Scan# 1180  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Tgt Ion:196 Resp: 213051  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 75.7 113.5  
 200 29.9 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

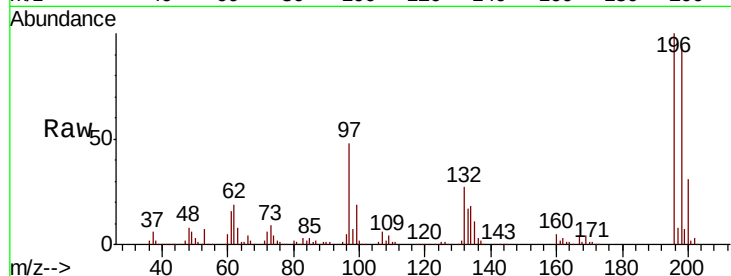




#43  
 2,4,5-Trichlorophenol  
 Concen: 44.589 ng  
 RT: 9.32 min Scan# 1187  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 228790 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.3  | 74.6  | 112.0  |
| 97       | 48.2  | 42.9  | 64.3   |
| 132      | 26.5  | 26.3  | 39.5   |



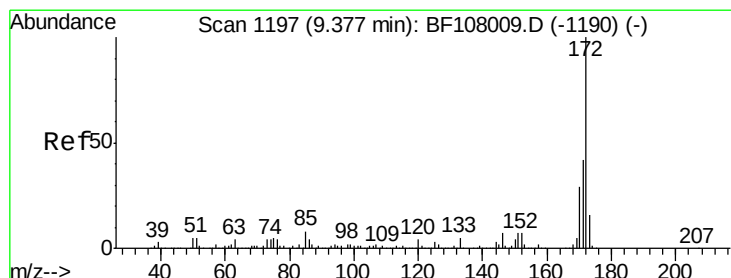
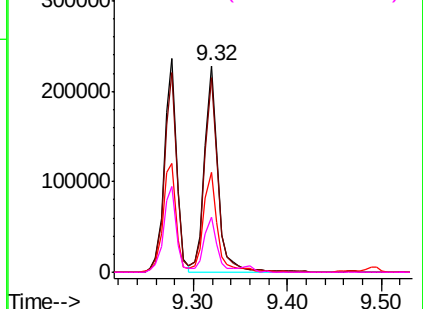
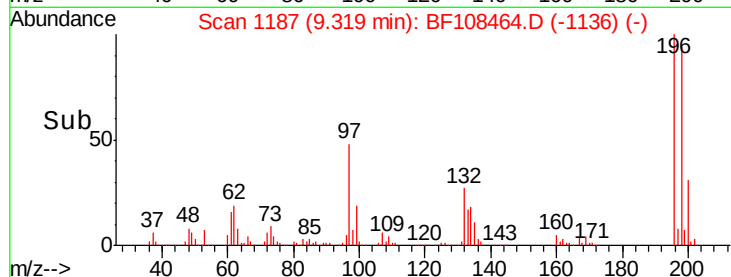
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

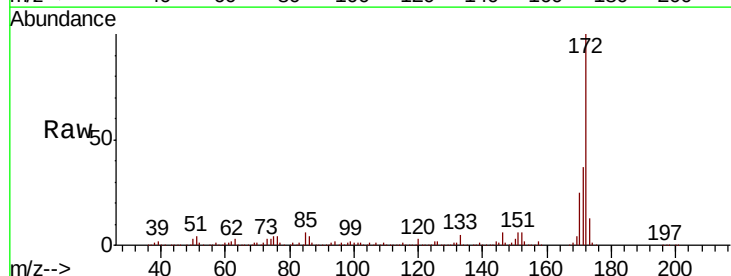
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 80.083 ng  
 RT: 9.36 min Scan# 1194  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1220085 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 36.6  | 29.7  | 44.5    |
| 170      | 24.7  | 19.6  | 29.4    |

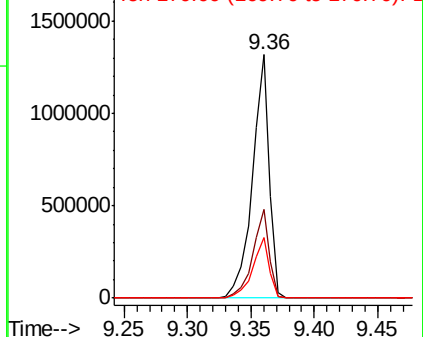
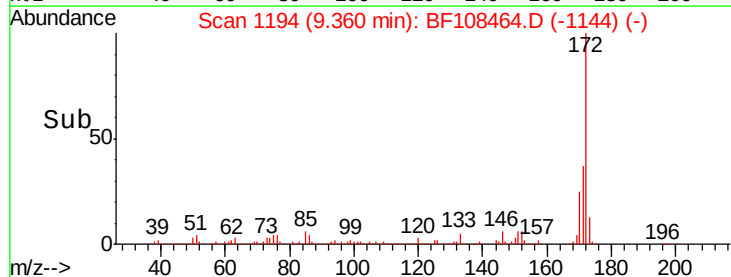


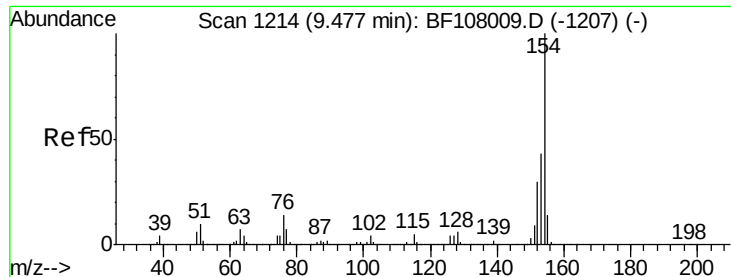
Abundance

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

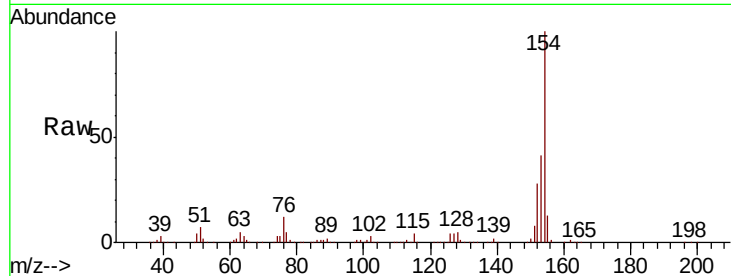




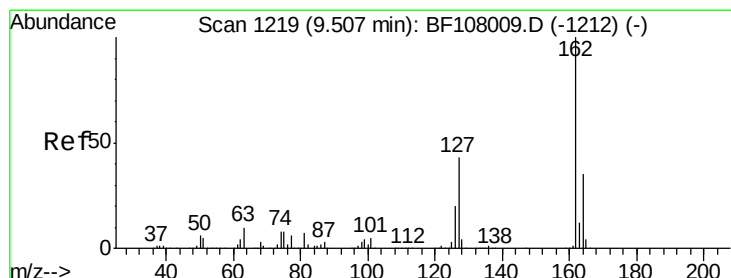
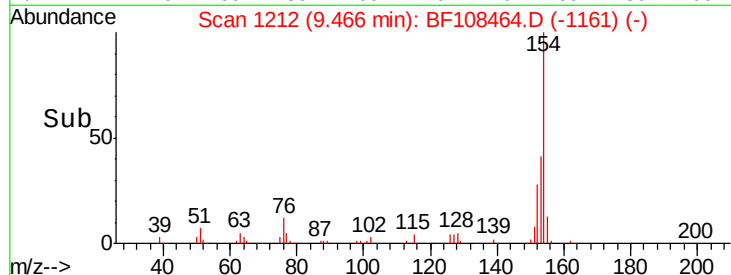
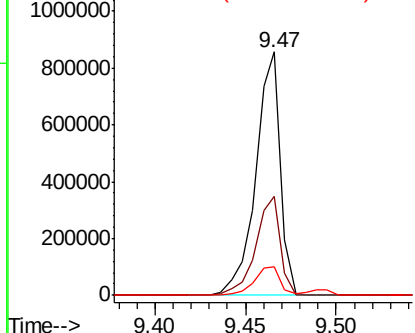
#45  
 1,1'-Biphenyl  
 Concen: 44.649 ng  
 RT: 9.47 min Scan# 1212  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:154 Resp: 805205  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 21.3 61.3  
 76 11.5 0.0 34.0

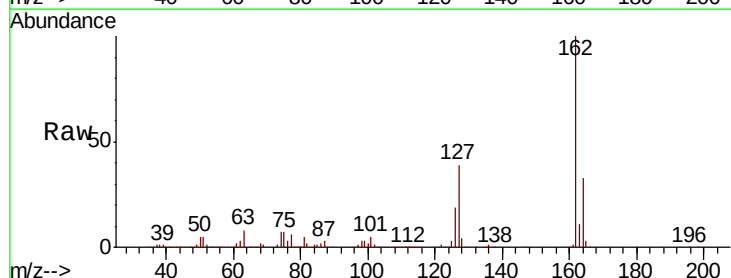


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

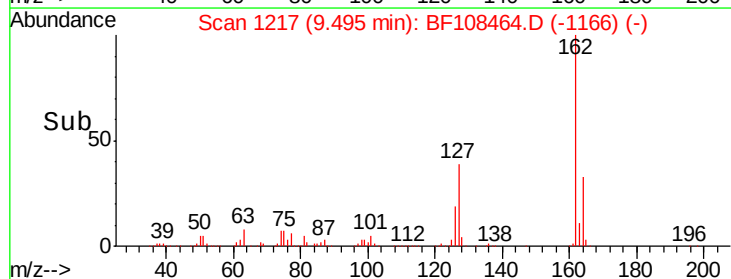
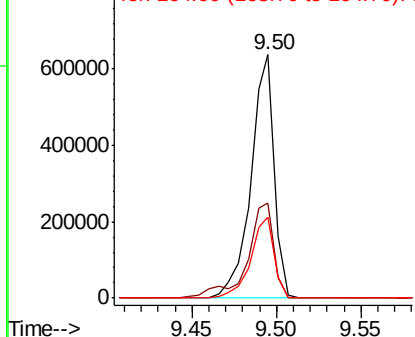


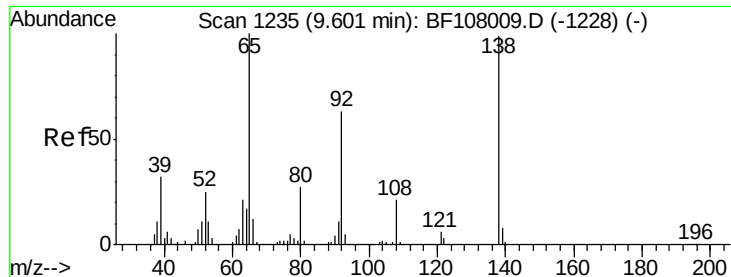
#46  
 2-Chloronaphthalene  
 Concen: 43.126 ng  
 RT: 9.50 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Tgt Ion:162 Resp: 614706  
 Ion Ratio Lower Upper  
 162 100  
 127 39.1 33.9 50.9  
 164 33.2 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

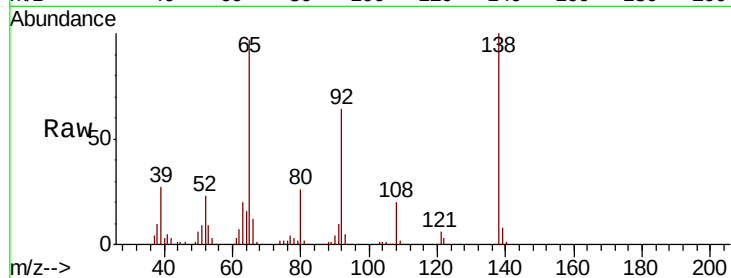




#47  
2-Nitroaniline  
Concen: 43.608 ng  
RT: 9.59 min Scan# 1233  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.5  | 55.8  | 83.6  |
| 138     | 103.3 | 91.2  | 136.8 |

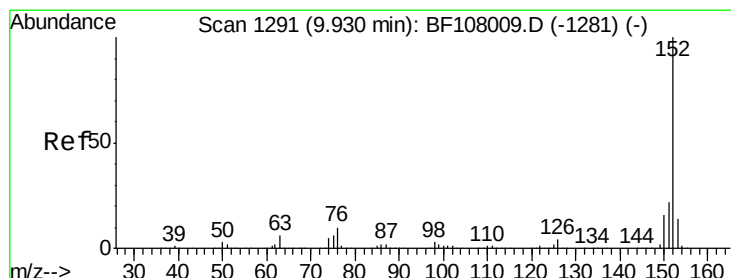
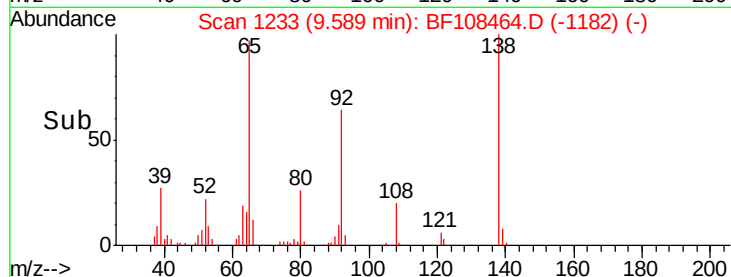
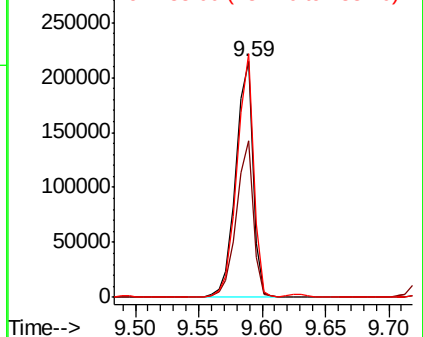


Abundance

Ion 65.00 (64.70 to 65.70): BF1

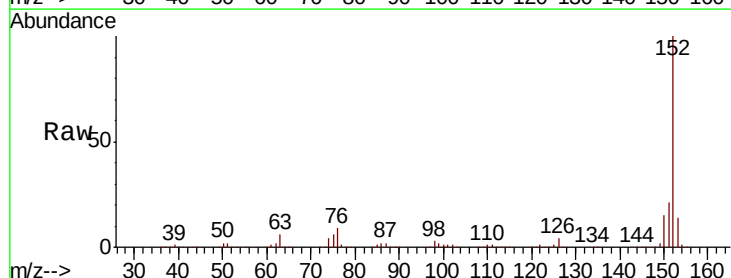
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48  
Acenaphthylene  
Concen: 43.714 ng  
RT: 9.91 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.3  | 24.5  |
| 153     | 13.8  | 10.7  | 16.1  |

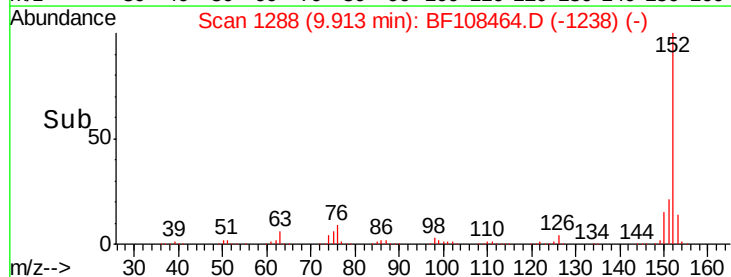
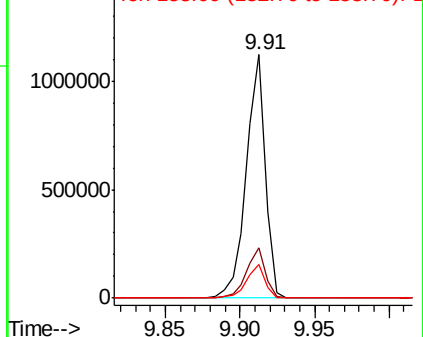


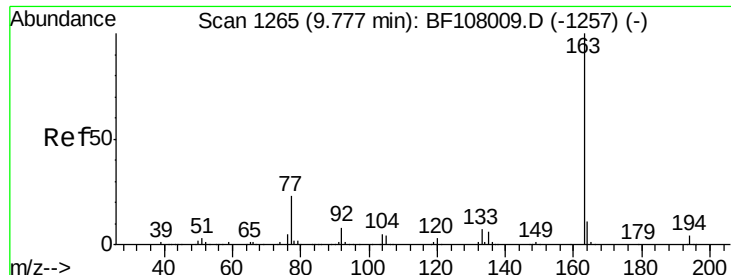
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

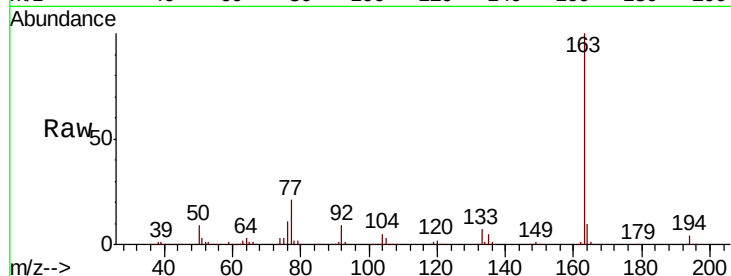




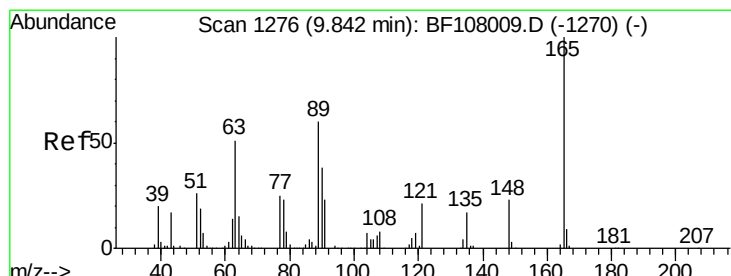
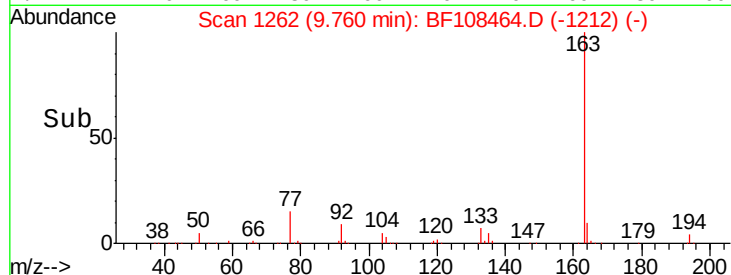
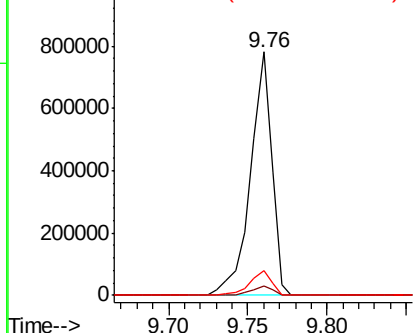
#49  
Dimethylphthalate  
Concen: 42.896 ng  
RT: 9.76 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:163 Resp: 730879  
Ion Ratio Lower Upper  
163 100  
194 4.1 2.7 4.1  
164 10.1 8.2 12.2

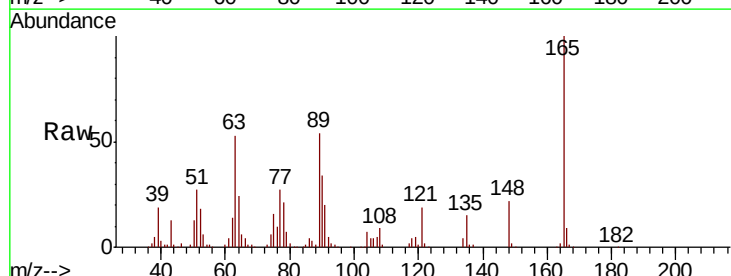


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

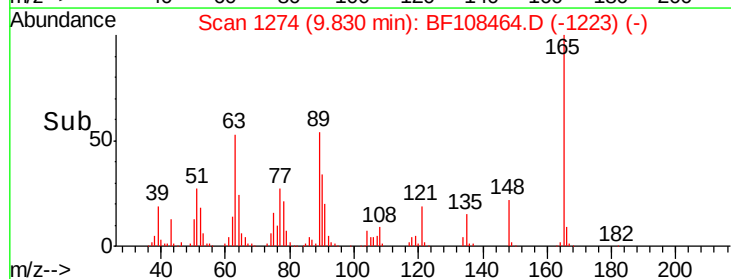
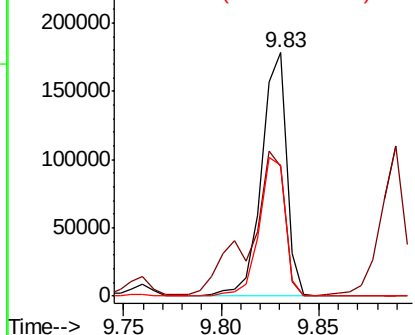


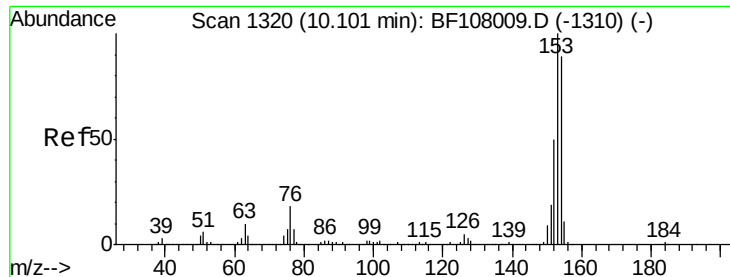
#50  
2,6-Dinitrotoluene  
Concen: 44.670 ng  
RT: 9.83 min Scan# 1274  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion:165 Resp: 159236  
Ion Ratio Lower Upper  
165 100  
63 53.2 44.7 67.1  
89 54.0 44.0 66.0



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





#51

Acenaphthene

Concen: 41.409 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

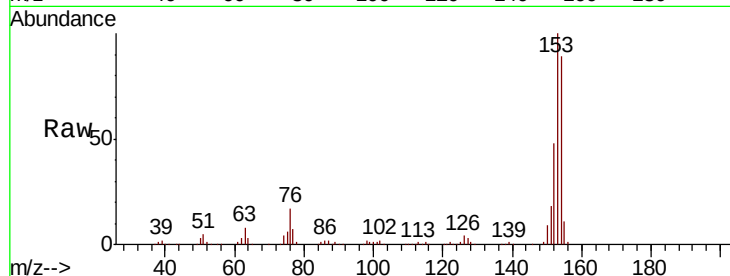
Tot Ion:154 Resp: 571517

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

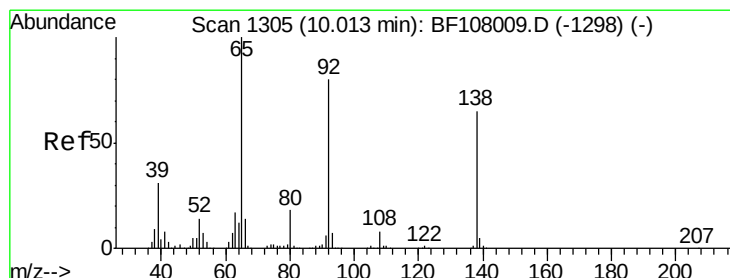
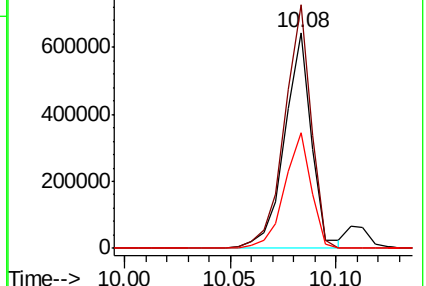
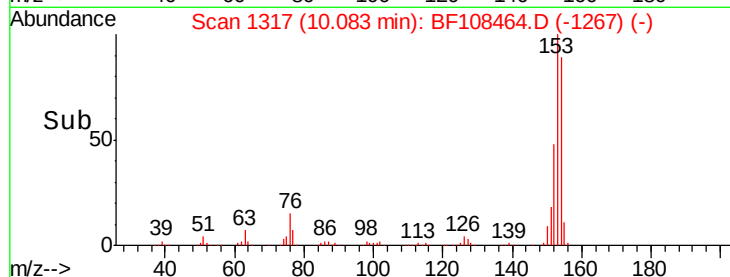
152 53.9 43.8 65.8



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: 29.266 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

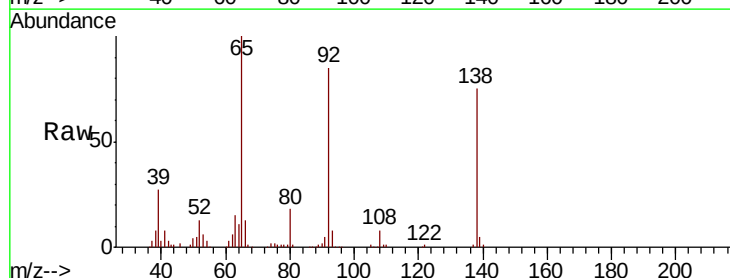
Tgt Ion:138 Resp: 114147

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

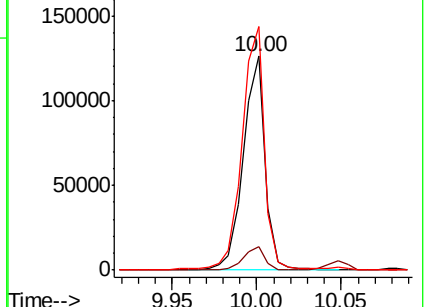
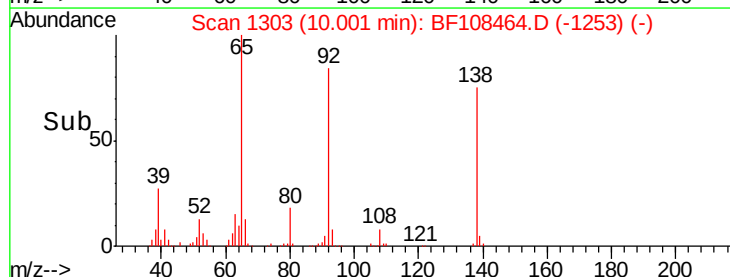
92 113.9 89.4 134.2

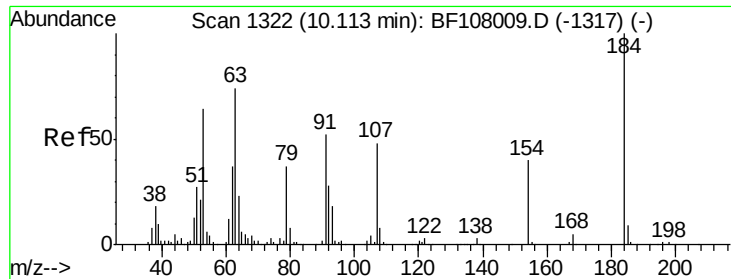


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

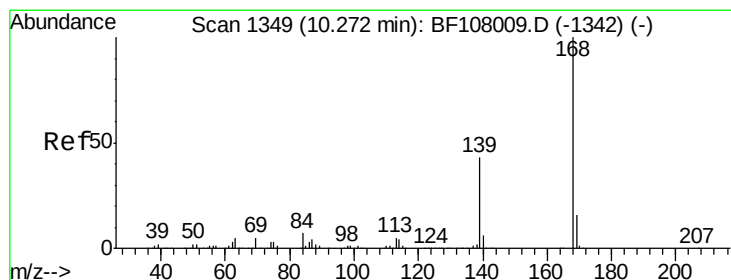
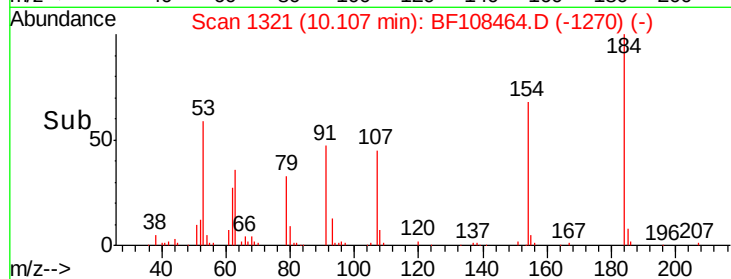
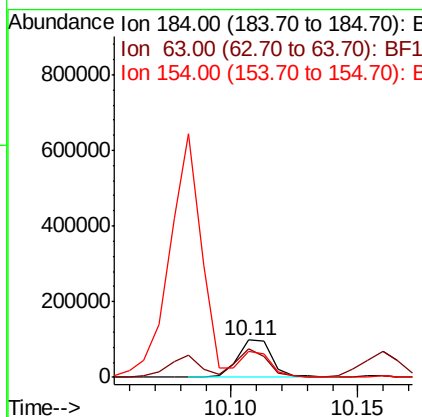
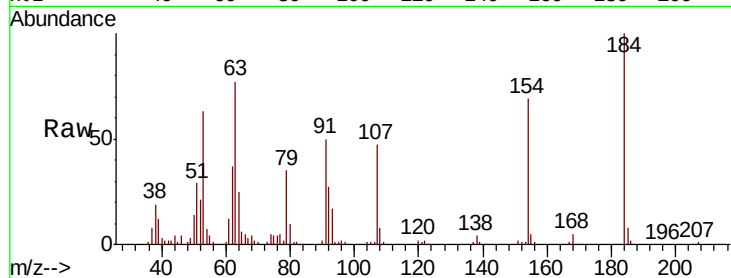




#53  
2,4-Dinitrophenol  
Concen: 72.629 ng  
RT: 10.11 min Scan# 1321  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

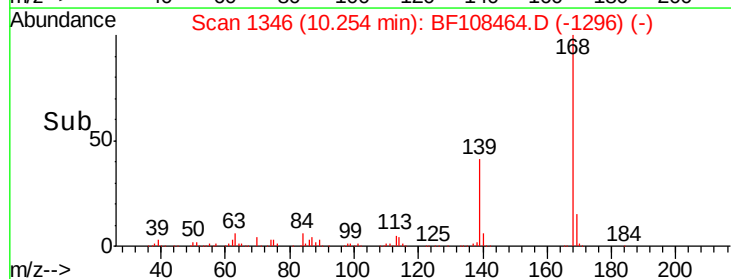
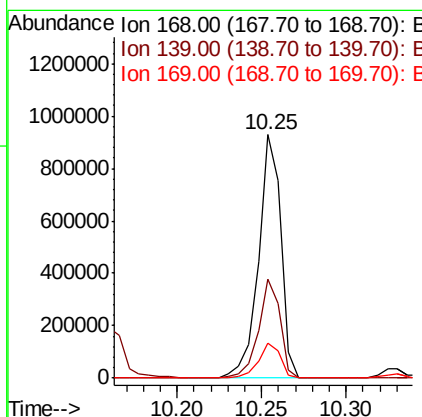
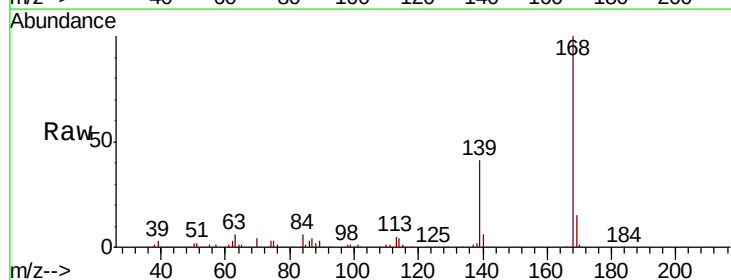
Instrument :  
BNA\_G  
ClientSampled :

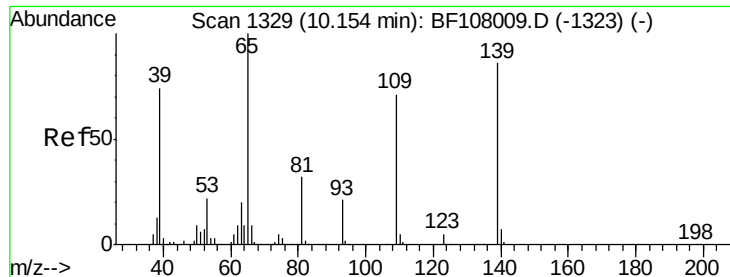
Tot Ion:184 Resp: 95946  
Ion Ratio Lower Upper  
184 100  
63 76.7 54.2 81.2  
154 68.5 184.0 276.0#



#54  
Dibenzofuran  
Concen: 42.810 ng  
RT: 10.25 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion:168 Resp: 856030  
Ion Ratio Lower Upper  
168 100  
139 40.6 30.1 45.1  
169 14.5 10.9 16.3

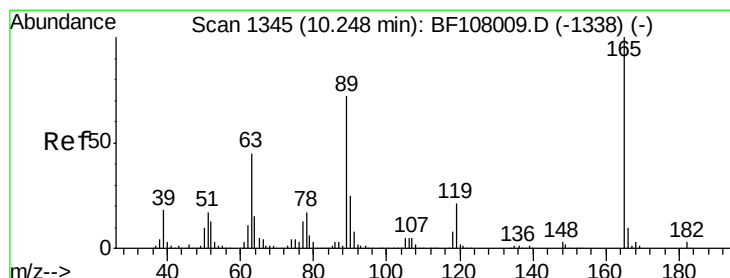
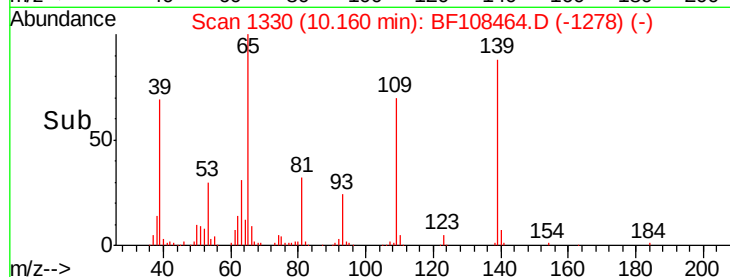
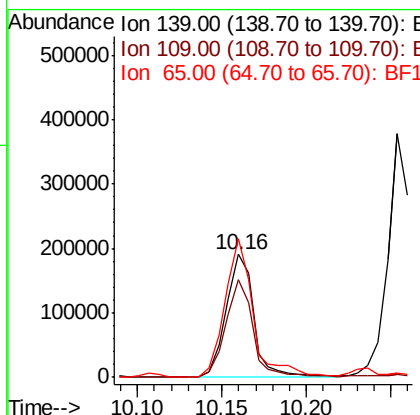
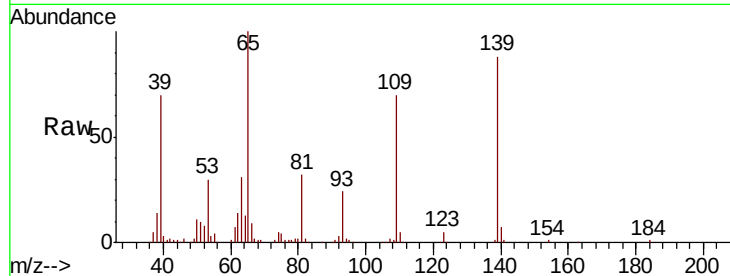




#55  
4-Nitrophenol  
Concen: 74.276 ng  
RT: 10.16 min Scan# 1330  
Delta R.T. 0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

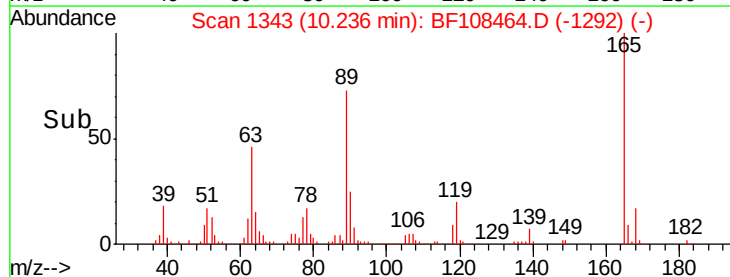
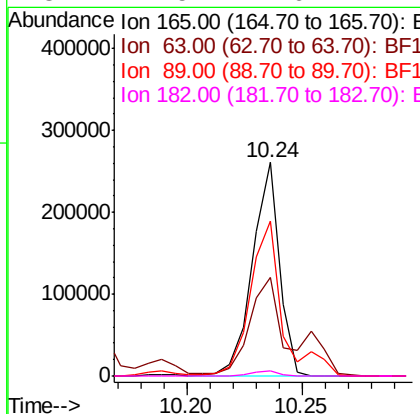
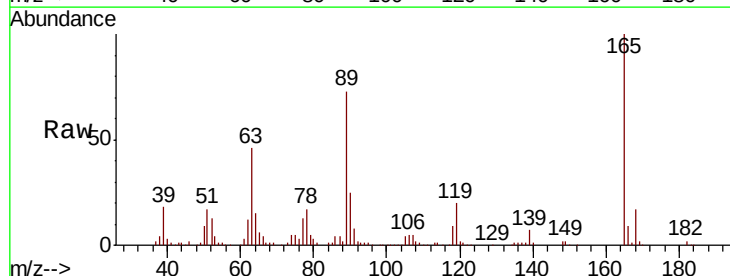
Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:139 Resp: 219372  
Ion Ratio Lower Upper  
139 100  
109 79.0 48.4 88.4  
65 113.2 72.6 112.6#

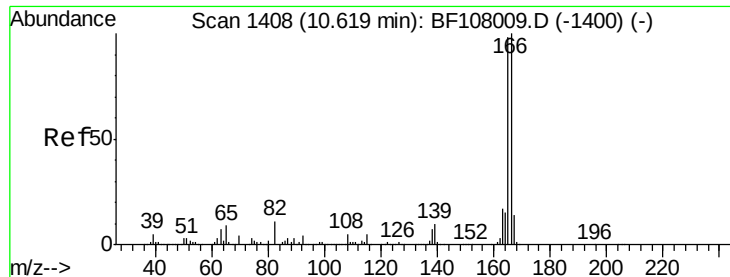


#56  
2,4-Dinitrotoluene  
Concen: 46.788 ng  
RT: 10.24 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion:165 Resp: 214689  
Ion Ratio Lower Upper  
165 100  
63 46.4 36.4 54.6  
89 72.8 57.8 86.6  
182 2.5 1.6 2.4#







#57

Fluorene

Concen: 43.664 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampled :

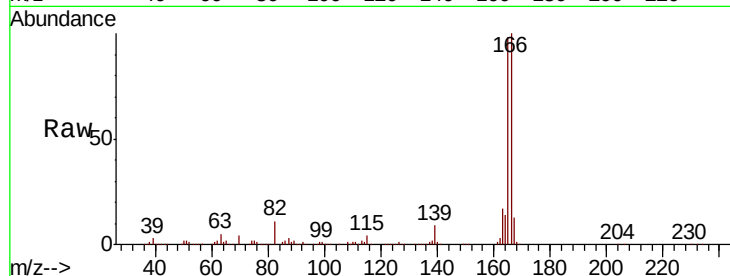
Tot Ion:166 Resp: 691163

Ion Ratio Lower Upper

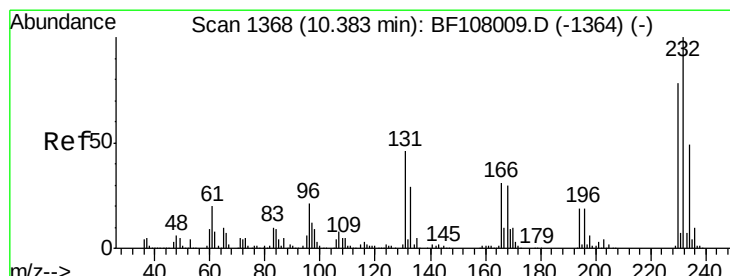
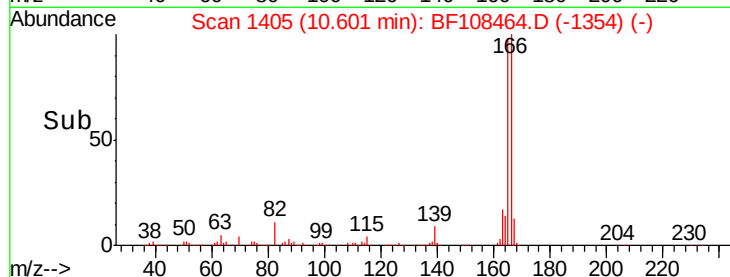
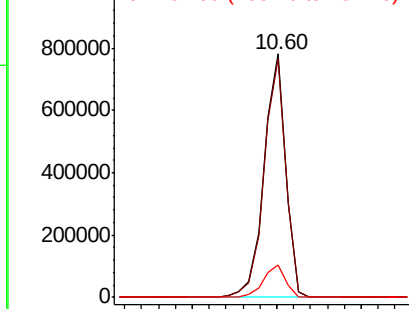
166 100

165 98.2 79.8 119.8

167 13.3 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.040 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Tgt Ion:232 Resp: 197451

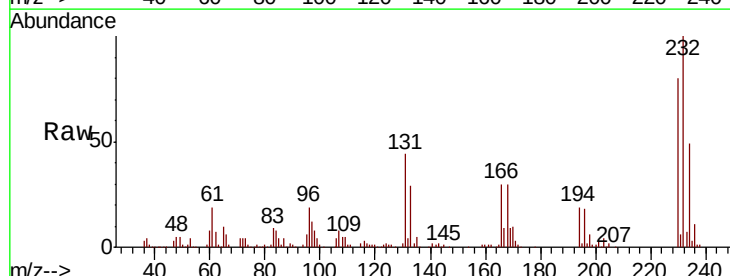
Ion Ratio Lower Upper

232 100

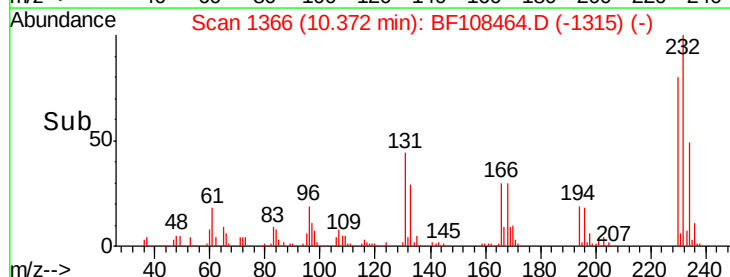
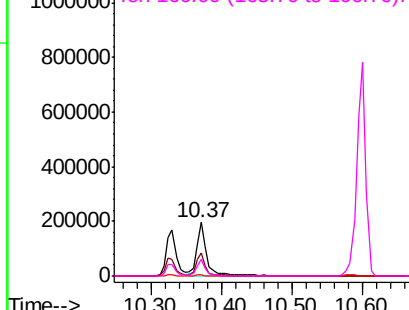
131 40.8 43.8 65.8#

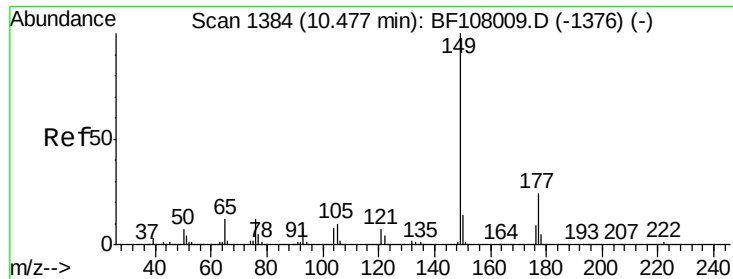
130 2.0 2.1 3.1#

166 27.5 27.8 41.6#



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

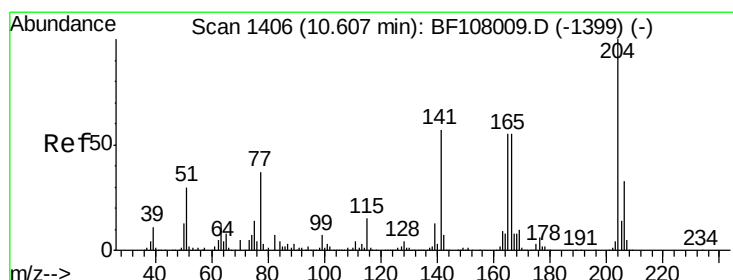
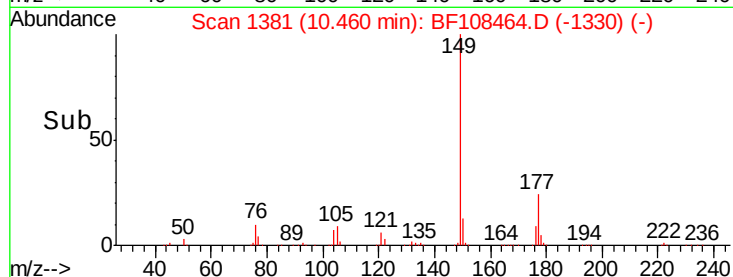
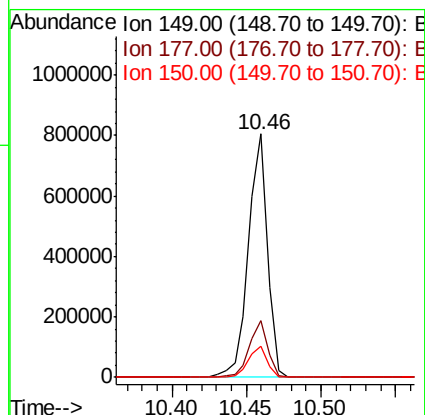
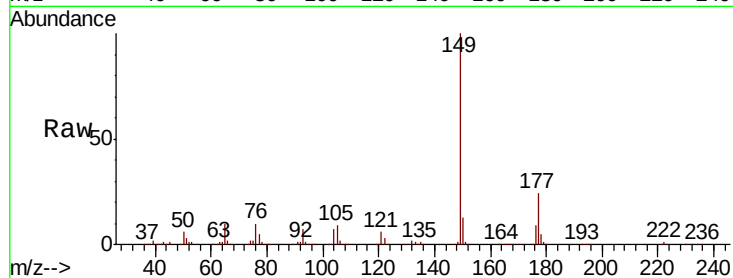




#59  
Diethylphthalate  
Concen: 42.817 ng  
RT: 10.46 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

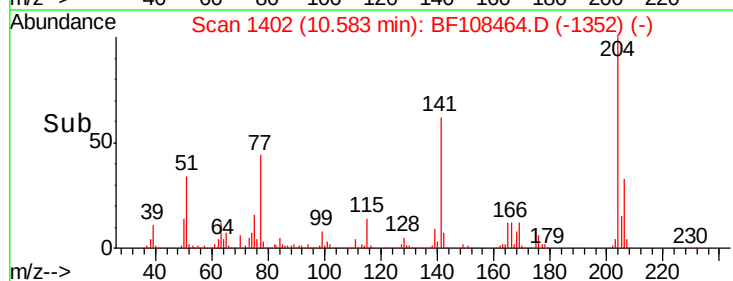
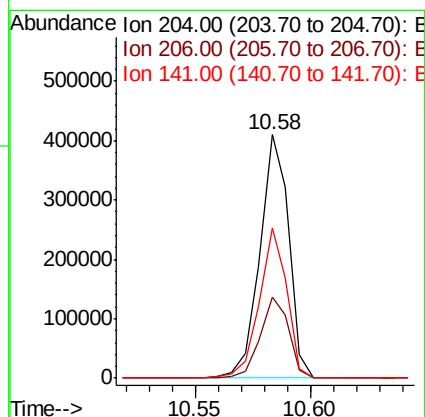
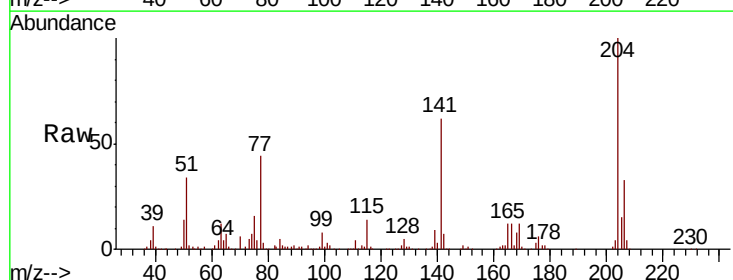
Instrument :  
BNA\_G  
ClientSampled :

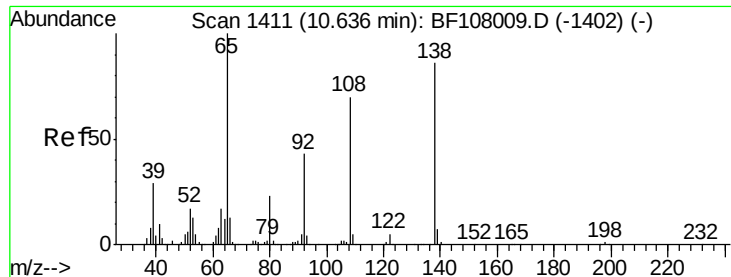
Tot Ion:149 Resp: 706427  
Ion Ratio Lower Upper  
149 100  
177 23.5 16.1 24.1  
150 12.8 10.1 15.1



#60  
4-Chlorophenyl-phenylether  
Concen: 43.380 ng  
RT: 10.58 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion:204 Resp: 357798  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.5 39.7  
141 61.6 54.6 81.8

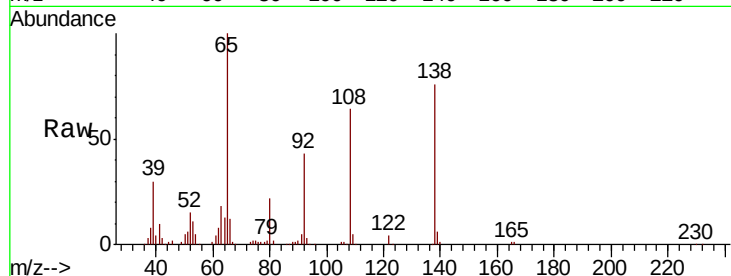




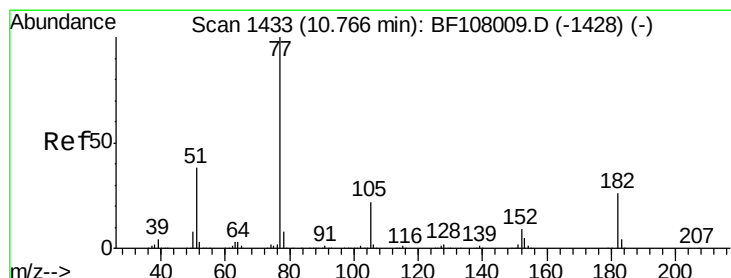
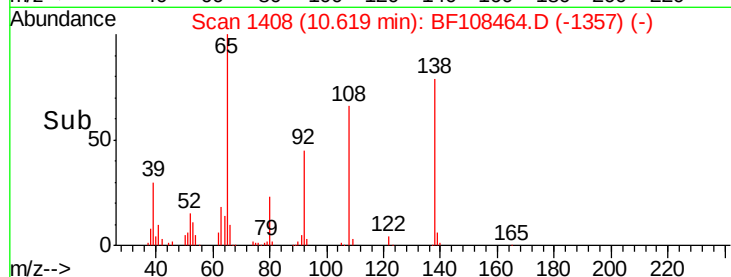
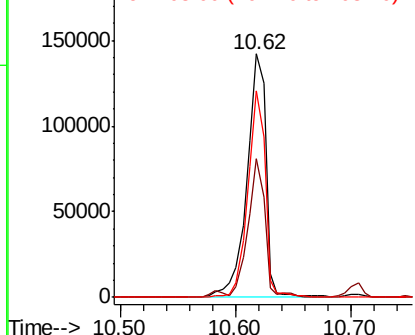
#61  
4-Nitroaniline  
Concen: 42.099 ng  
RT: 10.62 min Scan# 1408  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 162337  
Ion Ratio Lower Upper  
138 100  
92 56.8 30.2 70.2  
108 84.6 52.5 92.5

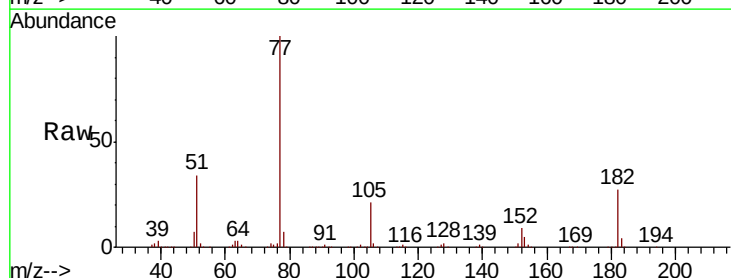


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

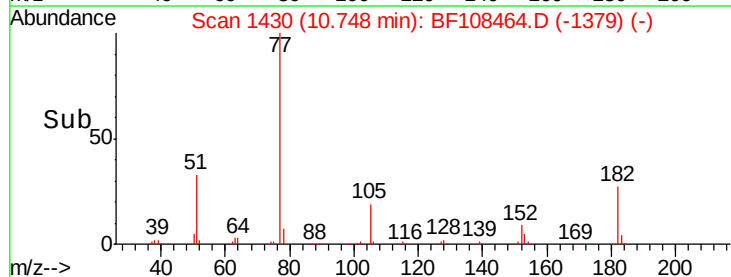
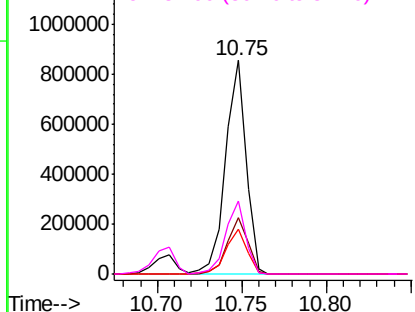


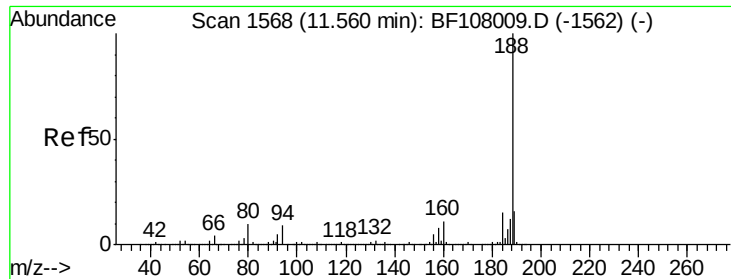
#62  
Azobenzene  
Concen: 42.379 ng  
RT: 10.75 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion: 77 Resp: 722093  
Ion Ratio Lower Upper  
77 100  
182 26.7 1.7 41.7  
105 20.9 3.0 43.0  
51 33.9 9.9 49.9



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

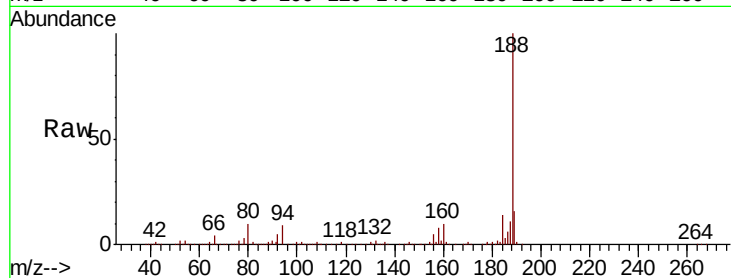
Tot Ion:188 Resp: 488898

Ion Ratio Lower Upper

188 100

94 8.8 8.5 12.7

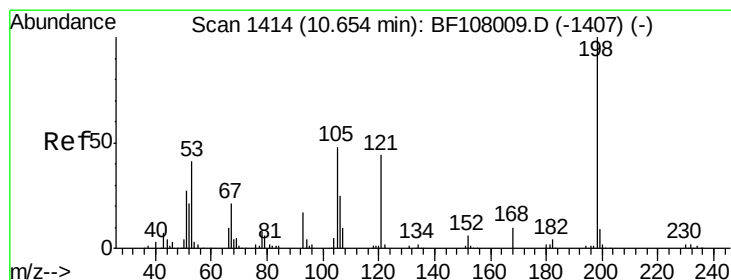
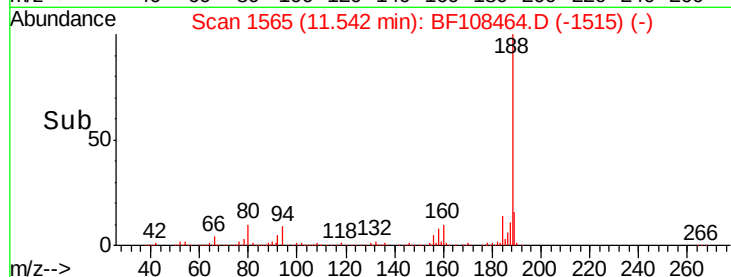
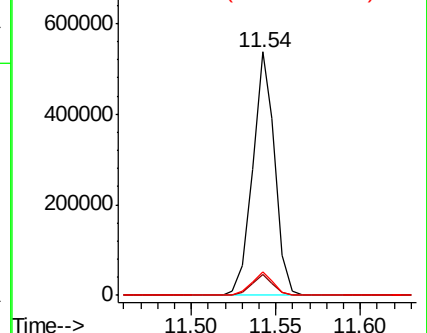
80 9.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 40.896 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

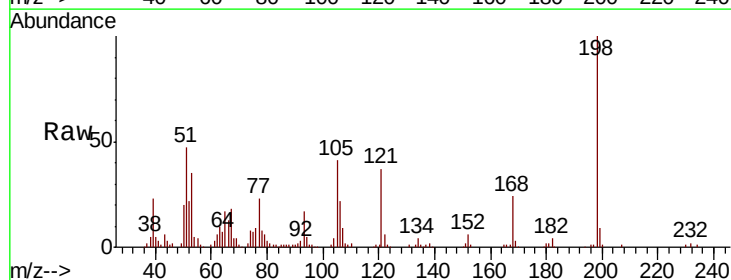
Tgt Ion:198 Resp: 73427

Ion Ratio Lower Upper

198 100

51 47.0 37.7 77.7

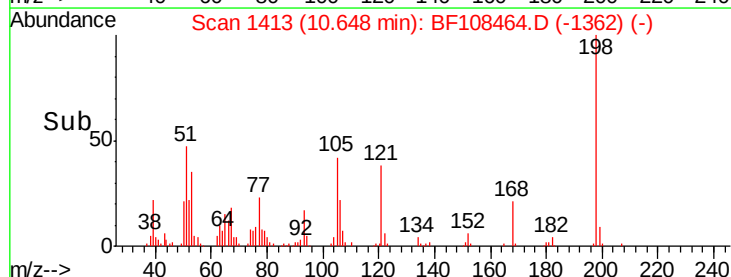
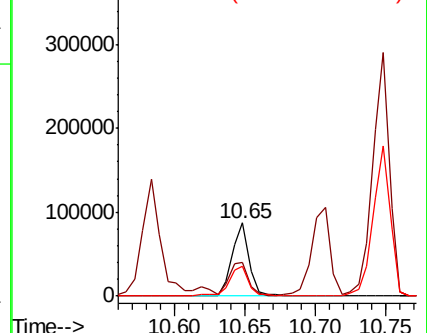
105 41.1 36.3 76.3

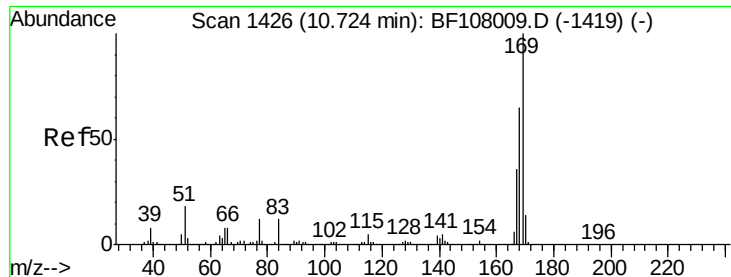


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

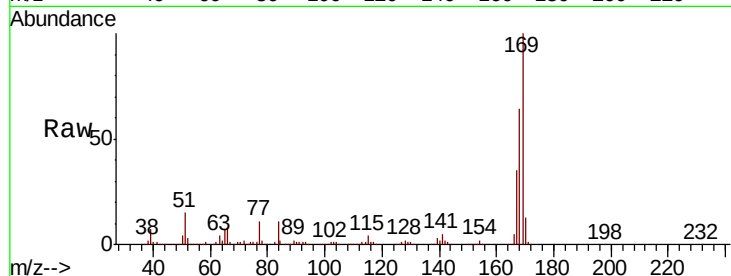




#65  
 n-Nitrosodiphenylamine  
 Concen: 43.250 ng  
 RT: 10.71 min Scan# 1423  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 64.2  | 54.4  | 81.6  |
| 167     | 34.8  | 29.8  | 44.6  |

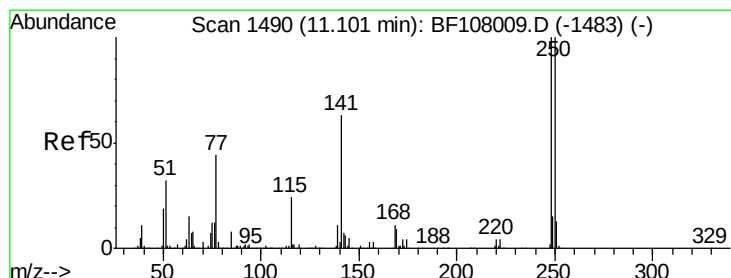
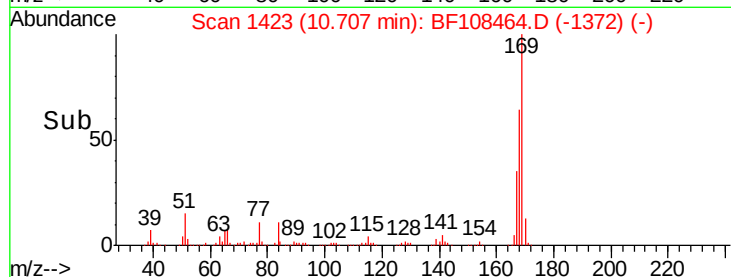
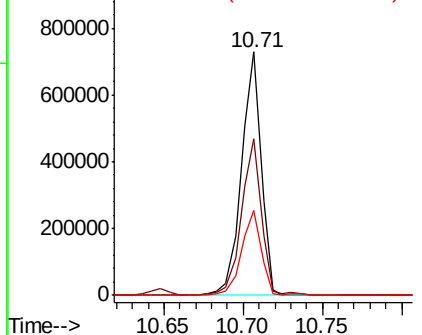


Abundance

Ion 169.00 (168.70 to 169.70): E

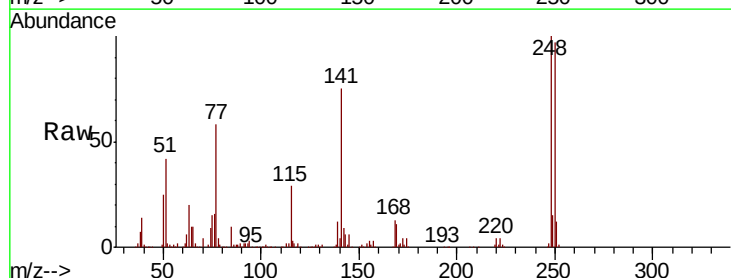
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.313 ng  
 RT: 11.08 min Scan# 1486  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.4  | 76.9  | 115.3 |
| 141     | 74.5  | 74.4  | 111.6 |

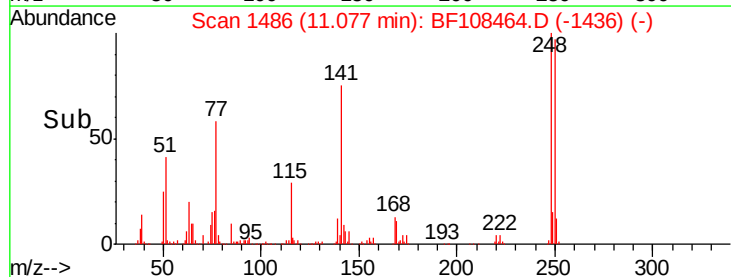
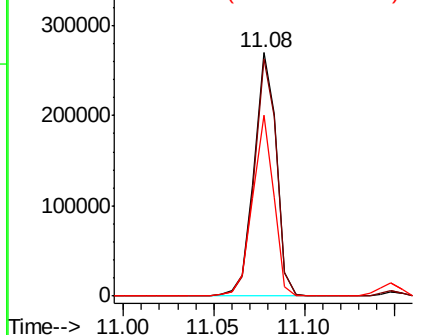


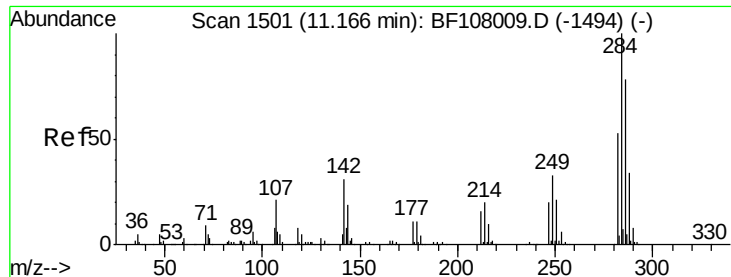
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

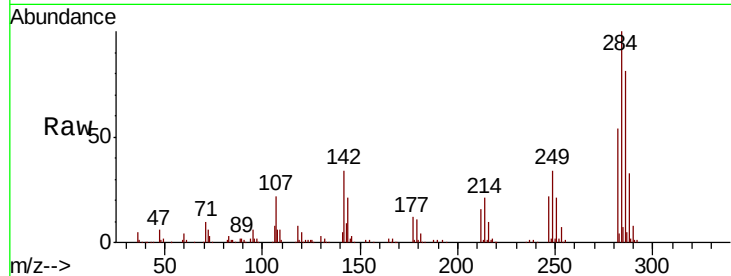




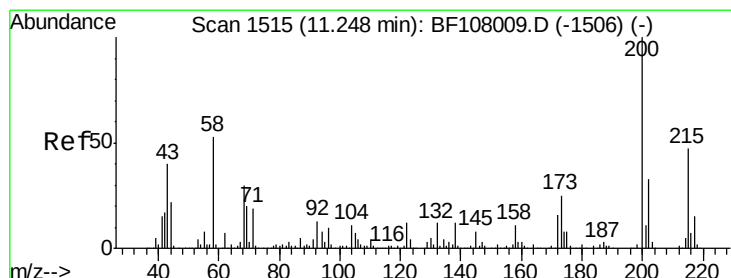
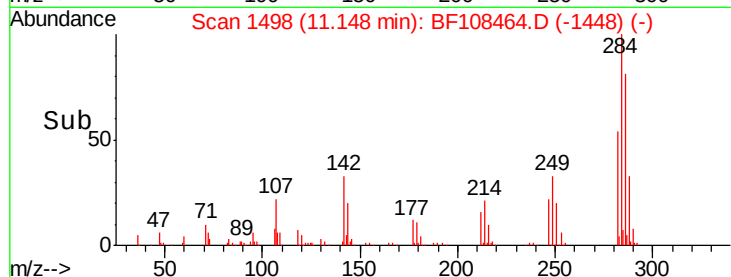
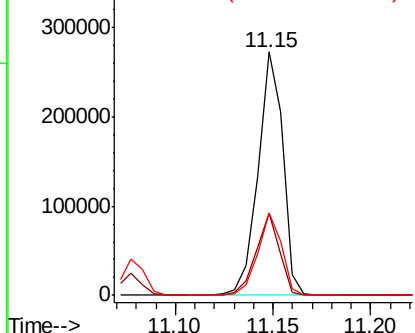
#67  
Hexachlorobenzene  
Concen: 42.934 ng  
RT: 11.15 min Scan# 1498  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.6  | 34.6  | 52.0# |
| 249     | 33.7  | 24.8  | 37.2  |

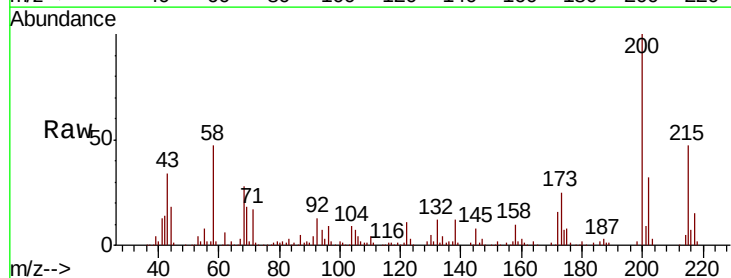


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

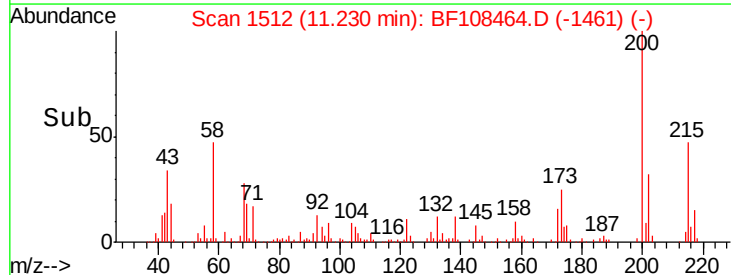
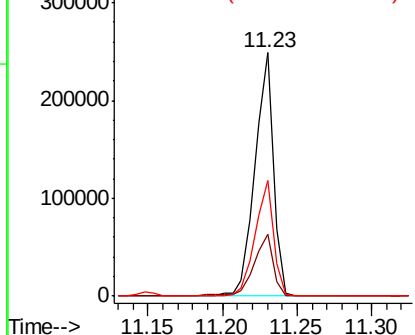


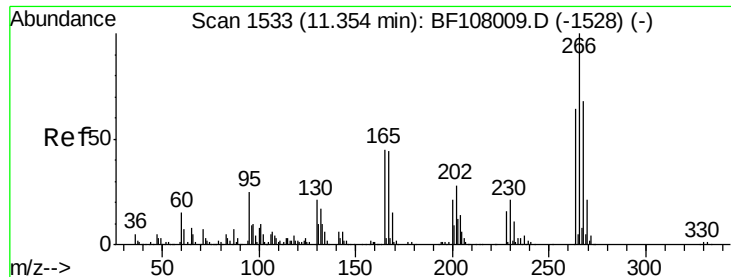
#68  
Atrazine  
Concen: 43.797 ng  
RT: 11.23 min Scan# 1512  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 8.6   | 48.6  |
| 215     | 47.3  | 25.1  | 65.1  |



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

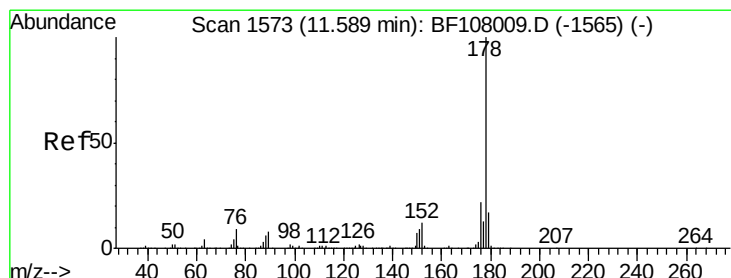
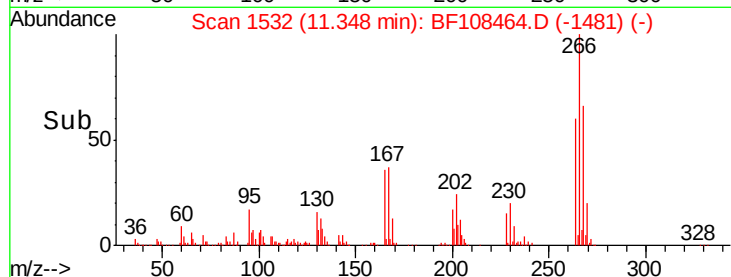
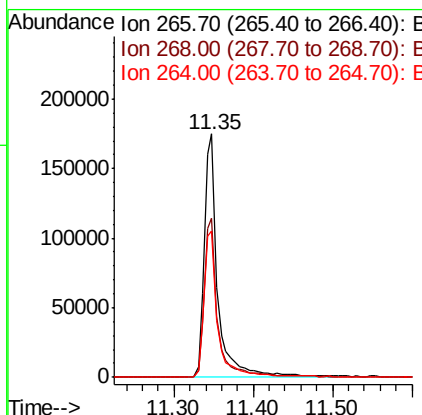
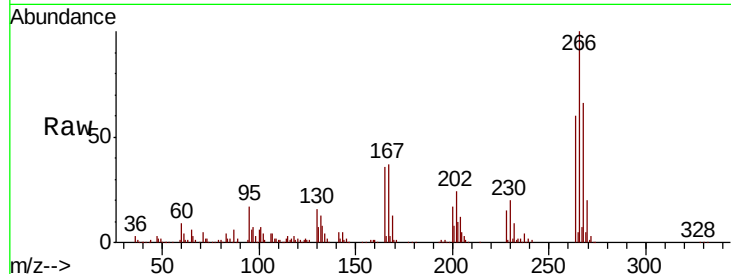




#69  
 Pentachlorophenol  
 Concen: 79.024 ng  
 RT: 11.35 min Scan# 1532  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

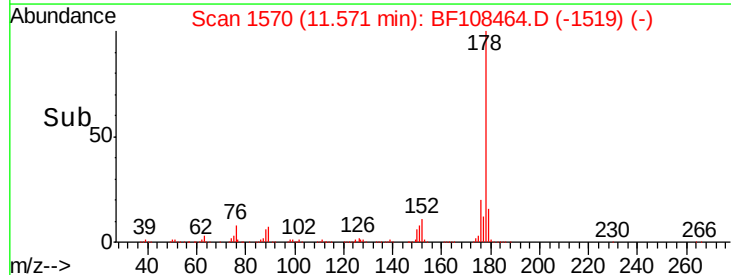
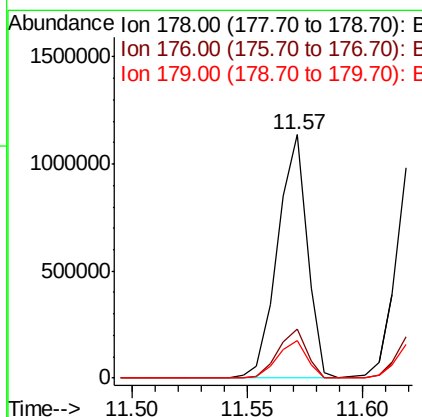
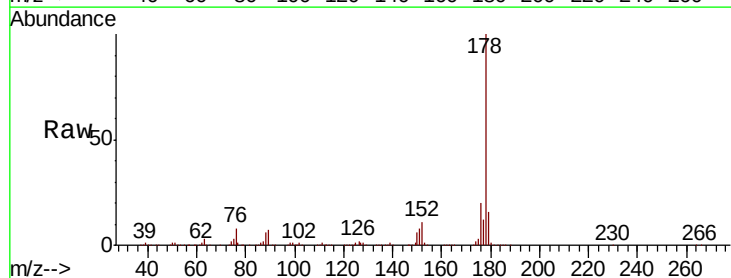
Instrument :  
 BNA\_G  
 ClientSampled :

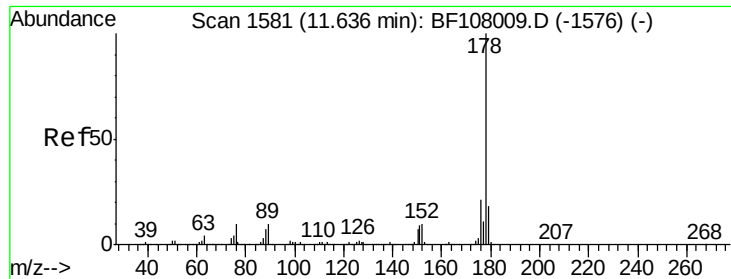
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.5  | 51.1  | 76.7  |
| 264     | 60.2  | 49.5  | 74.3  |



#70  
 Phenanthrene  
 Concen: 43.567 ng  
 RT: 11.57 min Scan# 1570  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.8  | 23.8  |
| 179     | 15.6  | 13.0  | 19.6  |

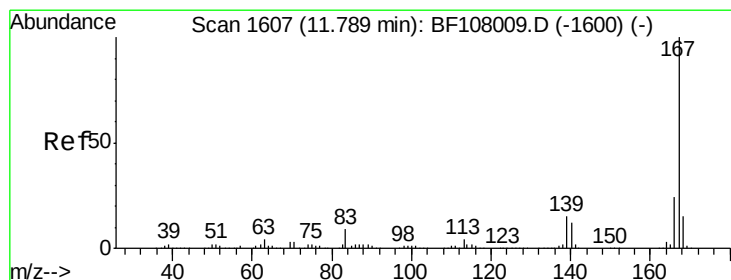
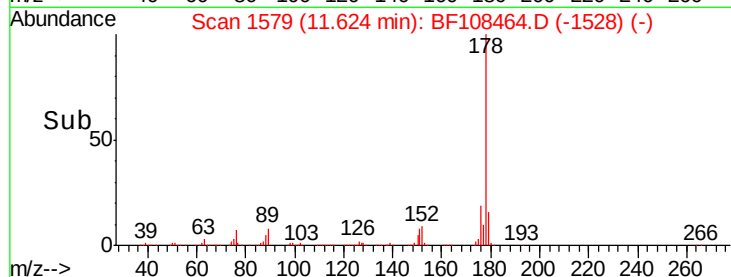
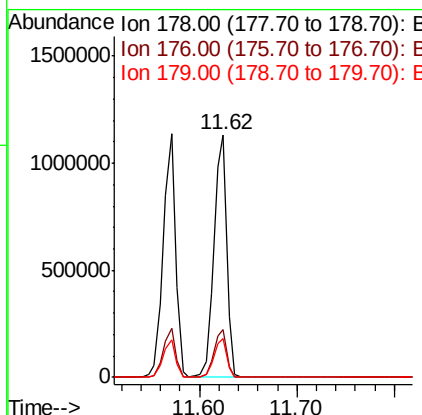
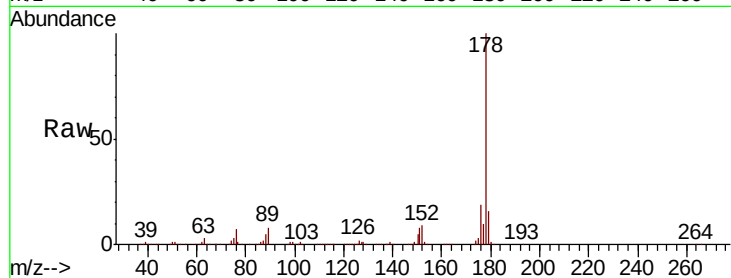




#71  
 Anthracene  
 Concen: 43.385 ng  
 RT: 11.62 min Scan# 1579  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

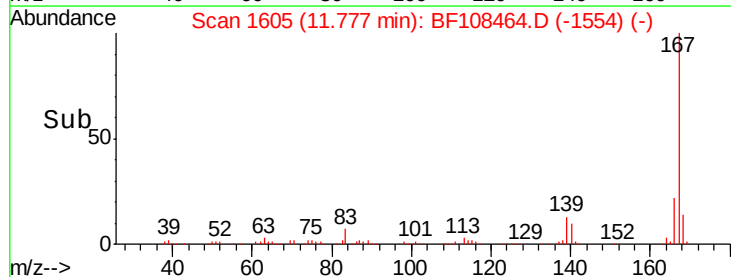
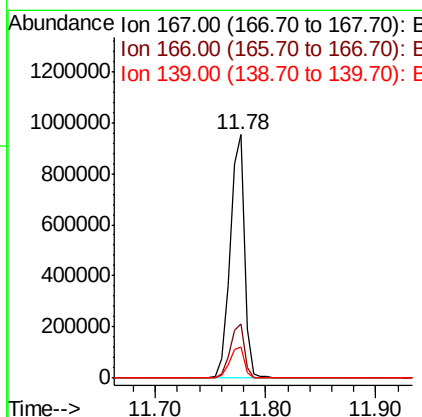
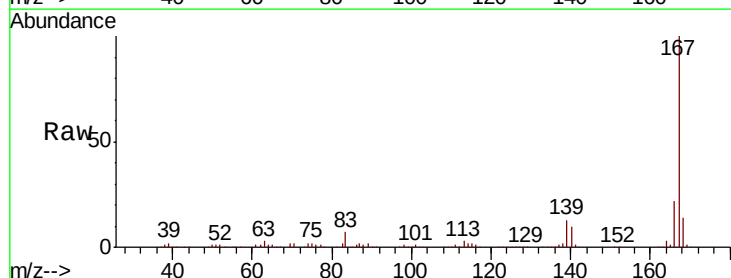
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:178 Resp: 1025370  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.4 23.2  
 179 15.8 12.6 19.0

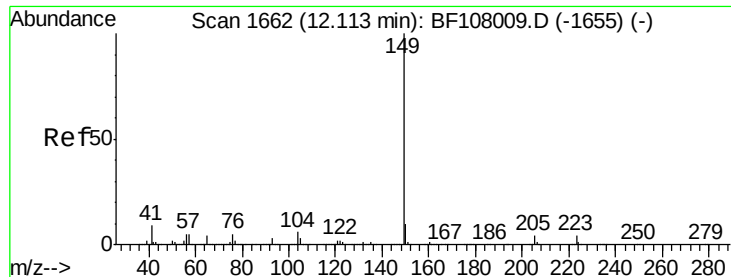


#72  
 Carbazole  
 Concen: 41.577 ng  
 RT: 11.78 min Scan# 1605  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Tgt Ion:167 Resp: 873051  
 Ion Ratio Lower Upper  
 167 100  
 166 22.5 17.6 26.4  
 139 13.0 10.9 16.3







#73

Di-n-butylphthalate

Concen: 46.149 ng

RT: 12.09 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

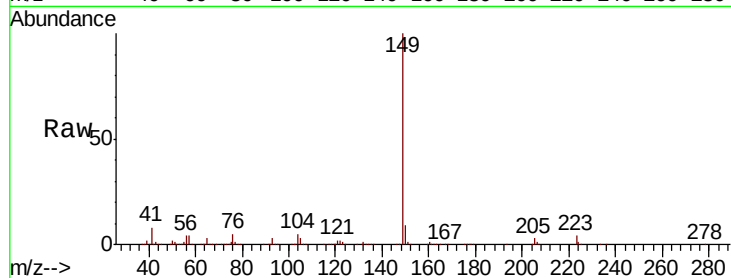
Tot Ion:149 Resp: 1097648

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

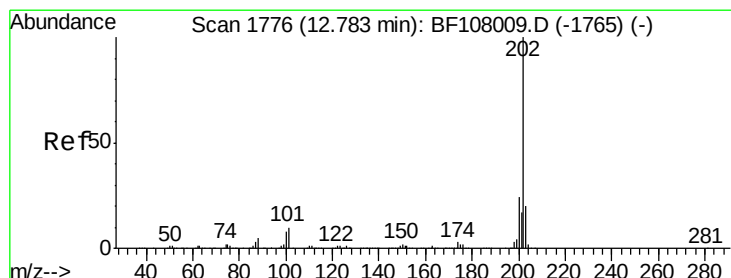
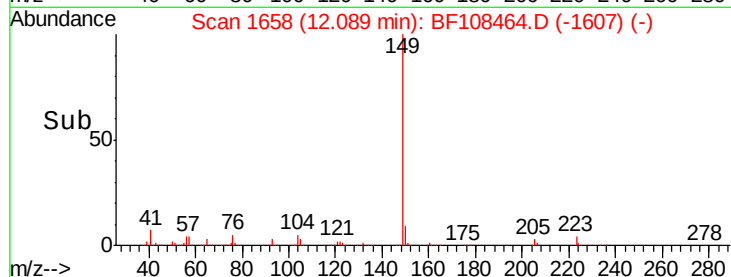
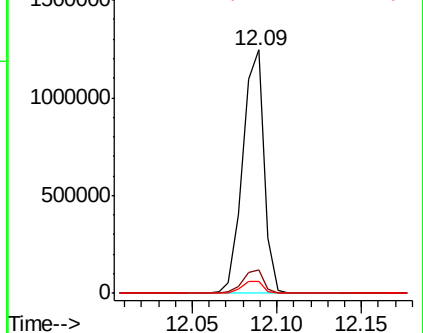
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.292 ng

RT: 12.77 min Scan# 1773

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

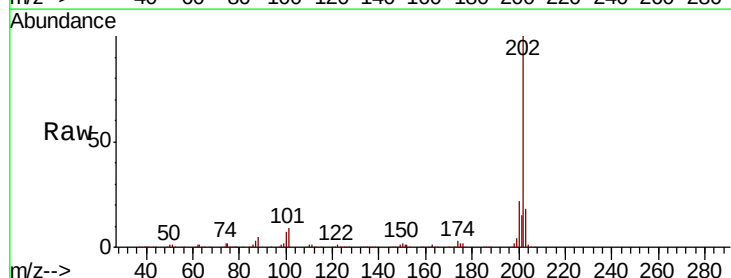
Tgt Ion:202 Resp: 1064345

Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.1

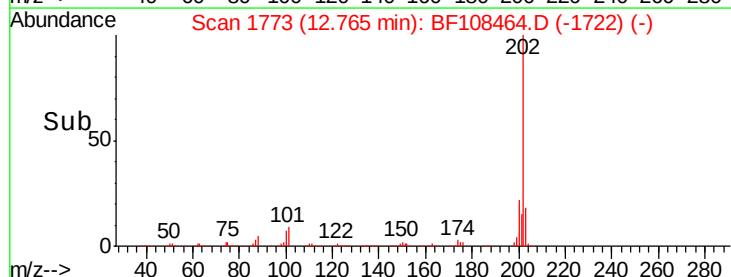
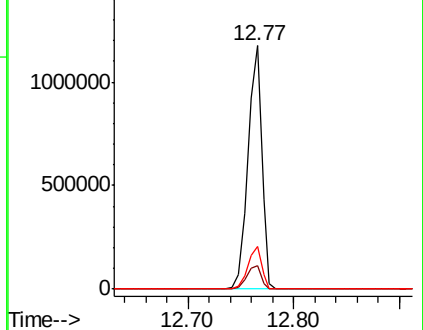
203 17.7 0.0 38.1

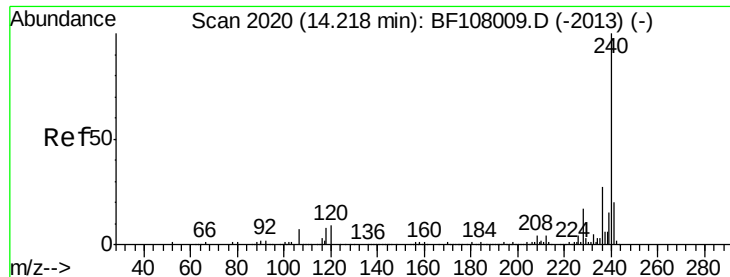


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

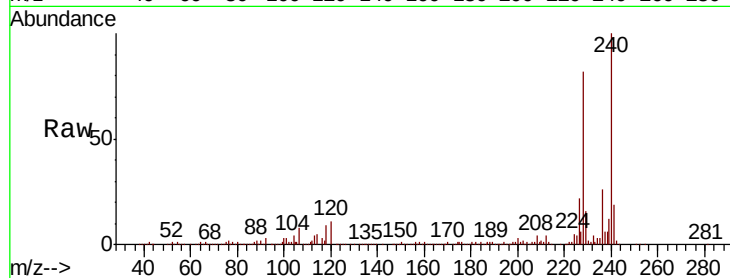
Tot Ion:240 Resp: 304583

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

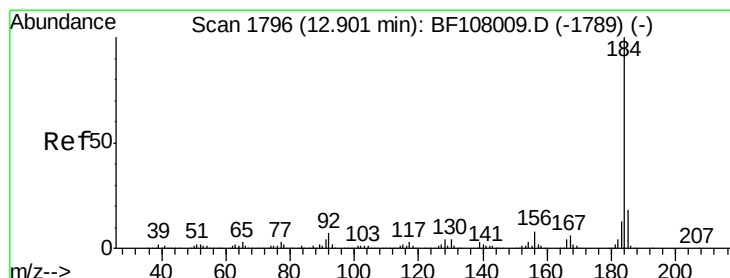
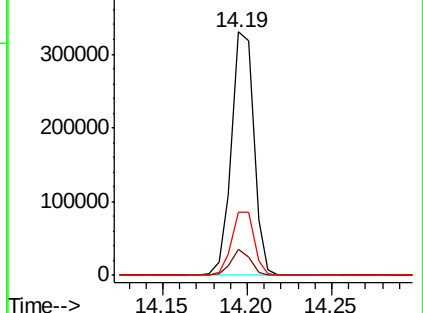
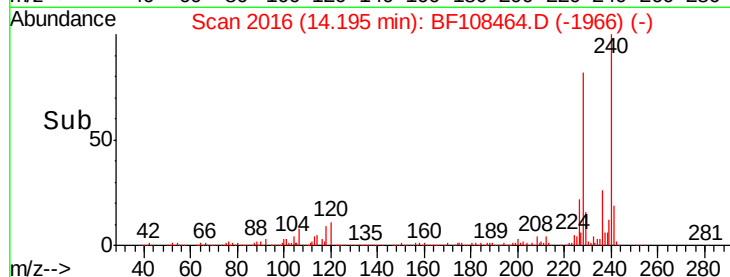
236 25.8 20.7 31.1



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: 42.815 ng

RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

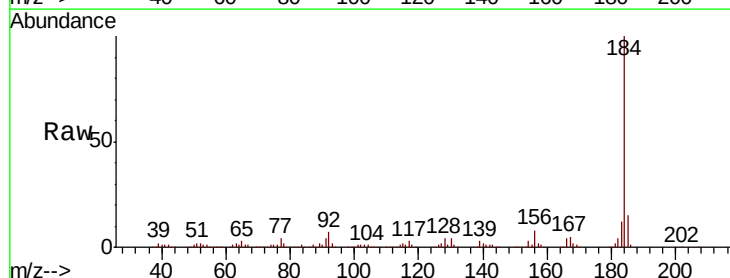
Tgt Ion:184 Resp: 487232

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

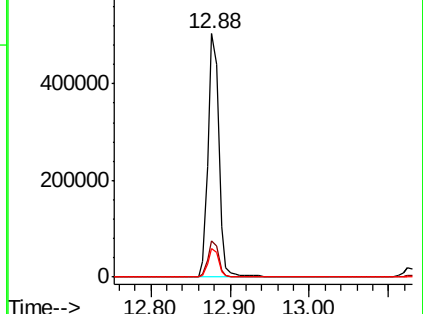
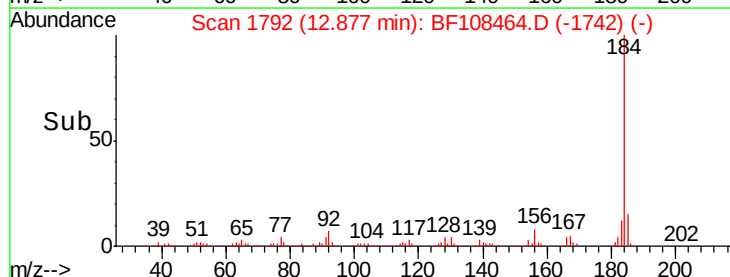
183 12.0 9.3 13.9

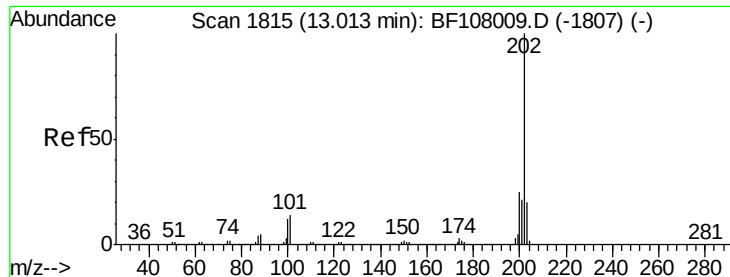


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

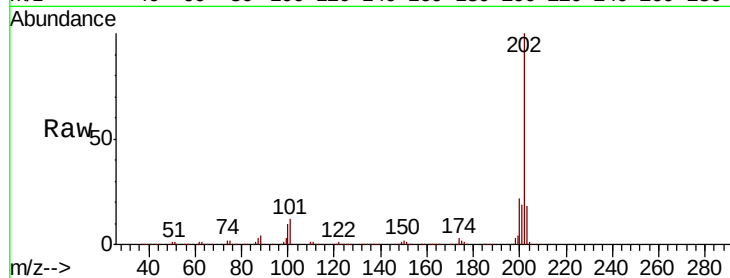




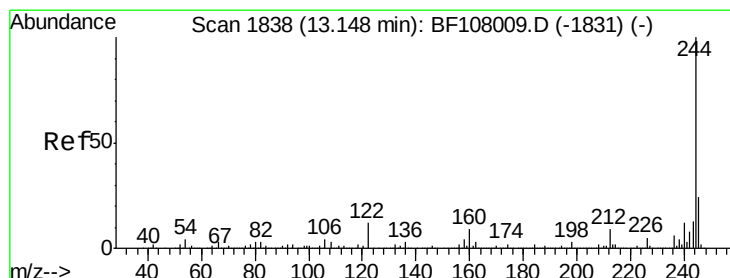
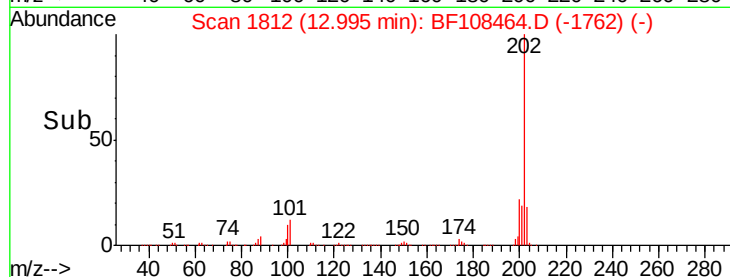
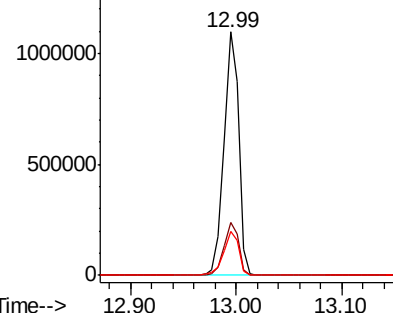
#77  
Pvrene  
Concen: 53.566 ng  
RT: 12.99 min Scan# 1812  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:202 Resp: 1032936  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.4 26.2  
203 18.0 14.3 21.5

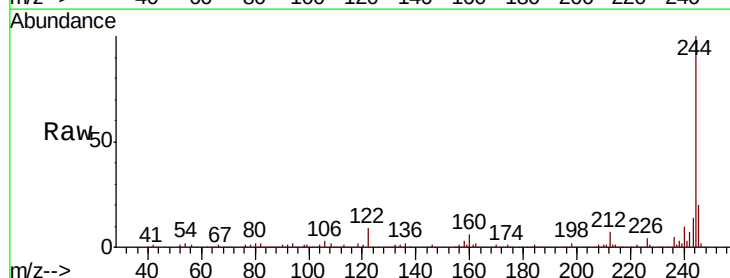


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

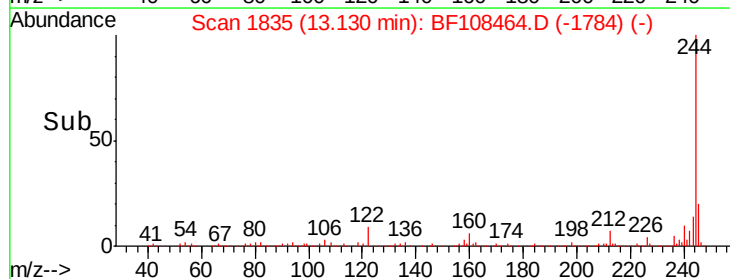
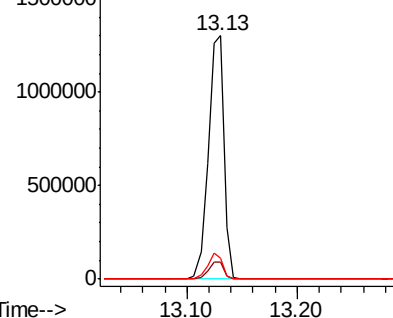


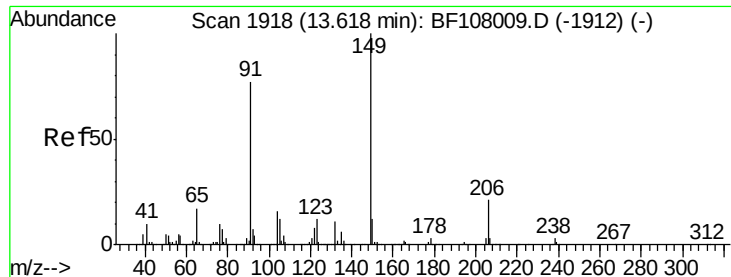
#78  
Terphenyl-d14  
Concen: 107.477 ng  
RT: 13.13 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion:244 Resp: 1287507  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.4 8.0  
122 8.6 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.545 ng

RT: 13.59 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF108464.D

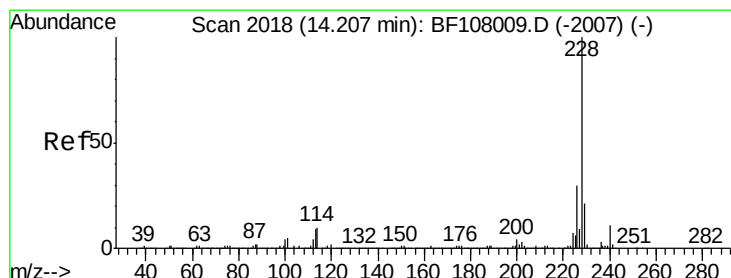
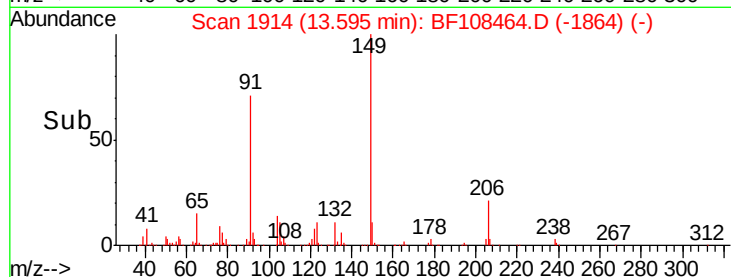
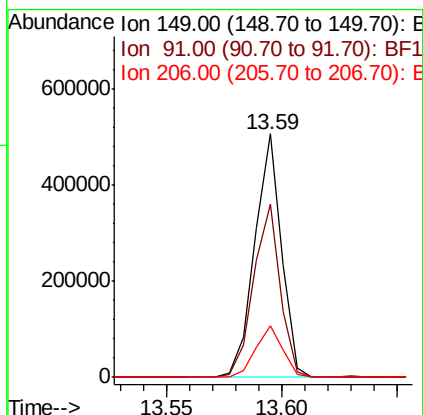
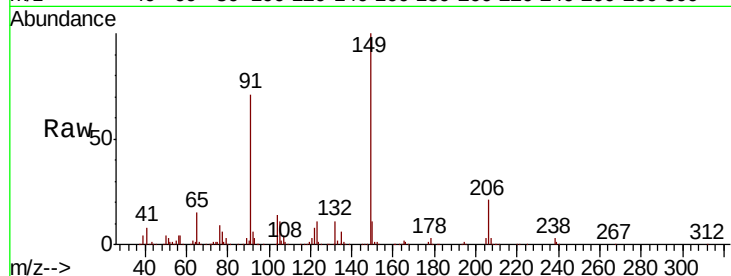
Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 149   | Resp: | 409997 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 91       | 71.4  | 56.8  | 85.2   |
| 206      | 21.0  | 14.1  | 21.1   |



#80

Benzo(a)anthracene

Concen: 43.998 ng

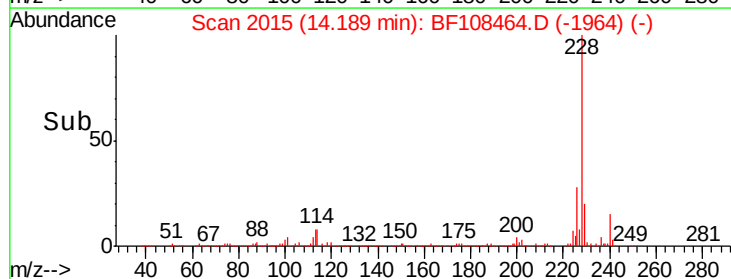
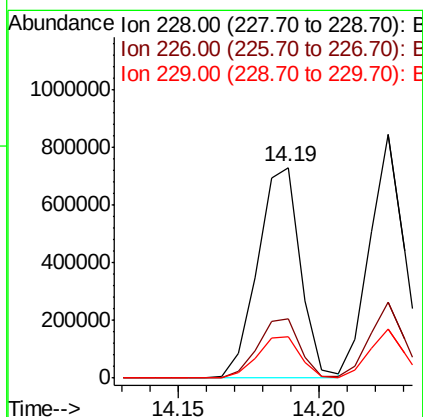
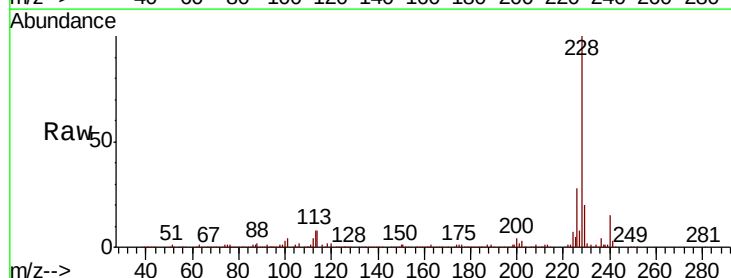
RT: 14.19 min Scan# 2015

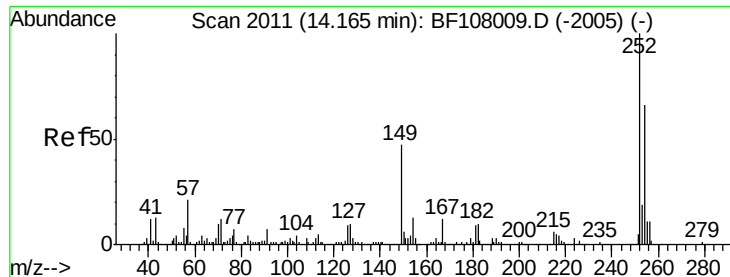
Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 769085 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 27.9  | 22.6  | 33.8   |
| 229      | 19.7  | 15.8  | 23.6   |

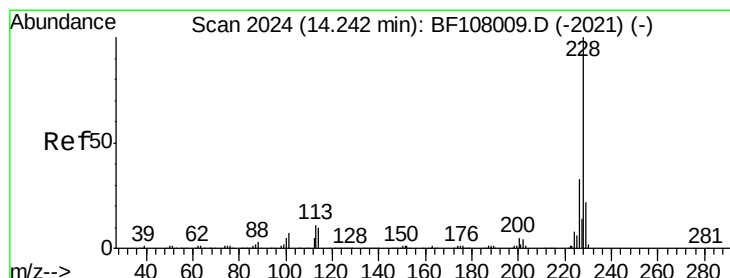
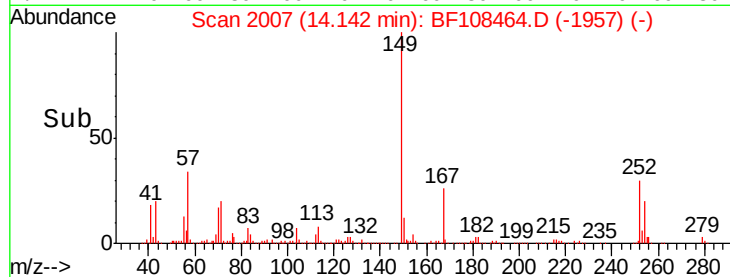
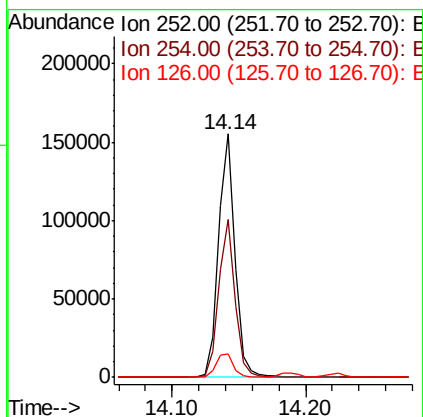
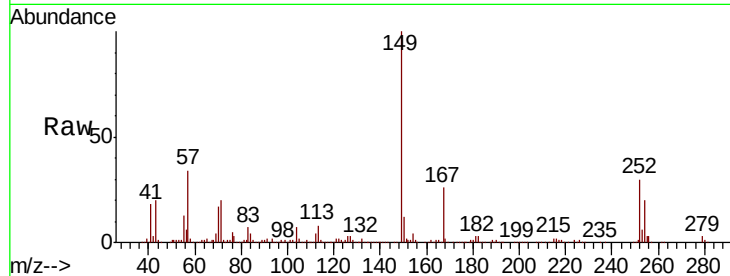




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.661 ng  
 RT: 14.14 min Scan# 2007  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

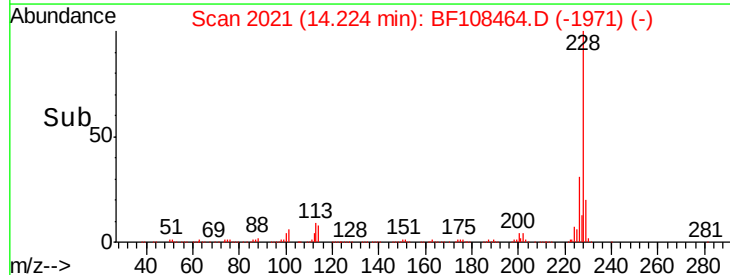
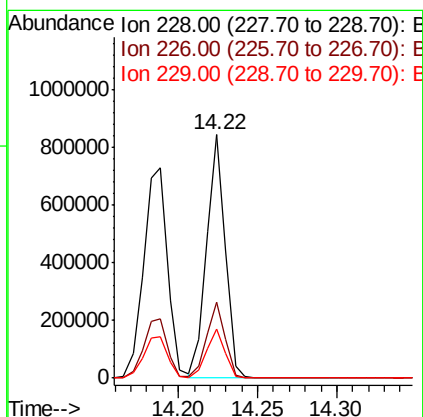
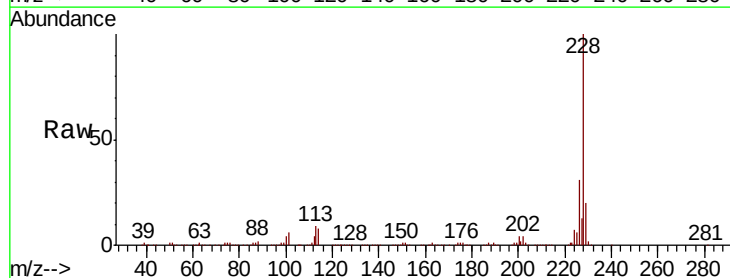
Instrument :  
 BNA\_G  
 ClientSampleId :

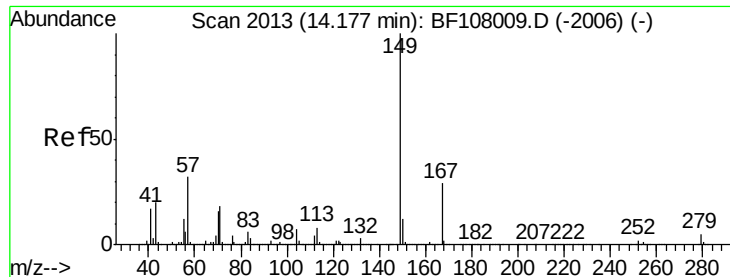
Tot Ion:252 Resp: 135695  
 Ion Ratio Lower Upper  
 252 100  
 254 64.7 50.4 75.6  
 126 9.4 11.3 16.9#



#82  
 Chrysene  
 Concen: 43.653 ng  
 RT: 14.22 min Scan# 2021  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Tgt Ion:228 Resp: 699555  
 Ion Ratio Lower Upper  
 228 100  
 226 30.9 25.0 37.6  
 229 20.0 16.2 24.4

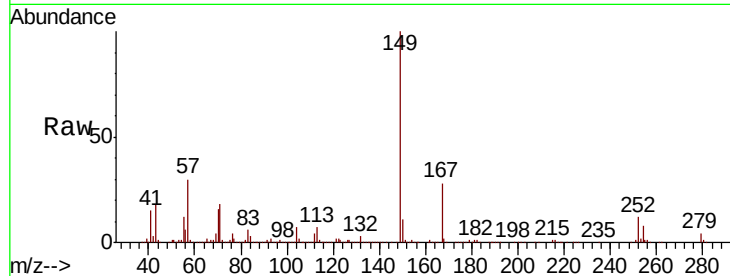




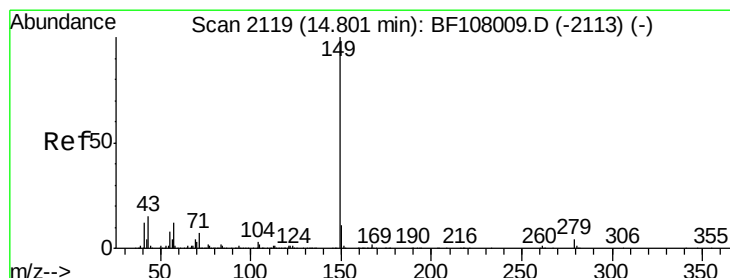
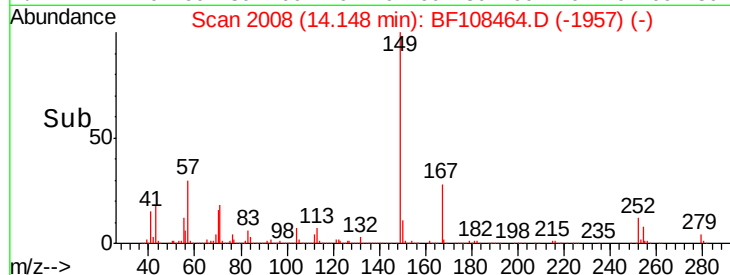
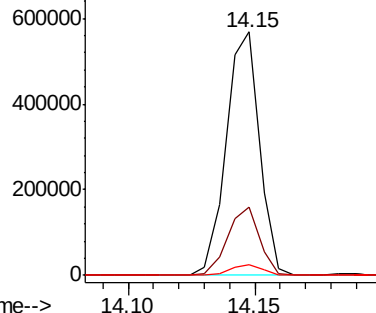
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.392 ng  
 RT: 14.15 min Scan# 2008  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:149 Resp: 522516  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 21.3 31.9  
 279 4.5 3.0 4.4#

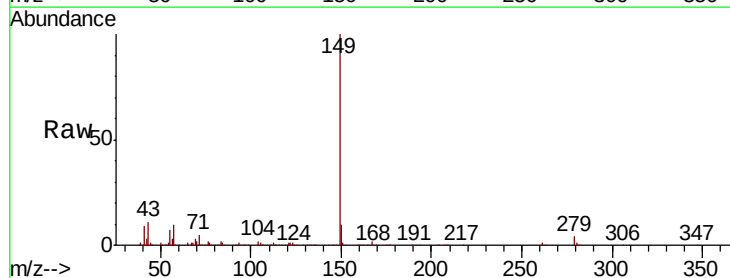


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

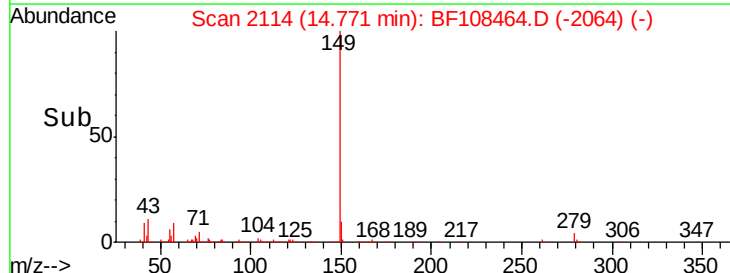
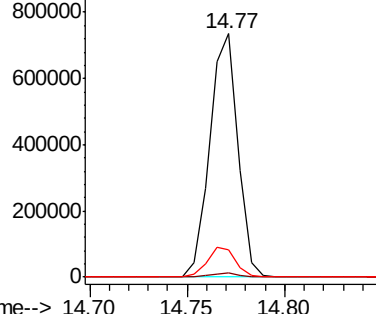


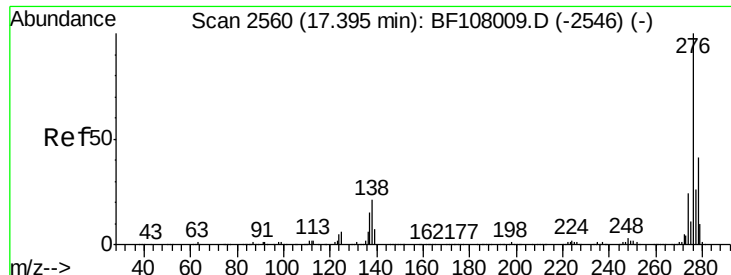
#84  
 Di-n-octyl phthalate  
 Concen: 46.410 ng  
 RT: 14.77 min Scan# 2114  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

Tgt Ion:149 Resp: 733919  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 12.0 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

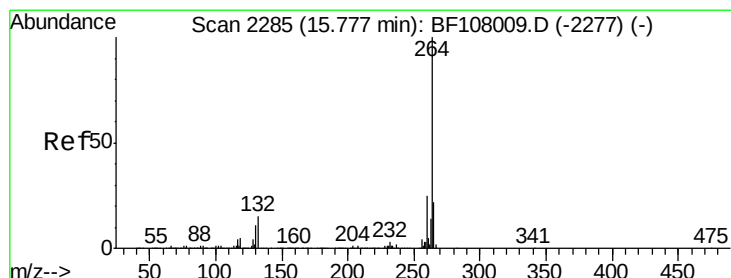
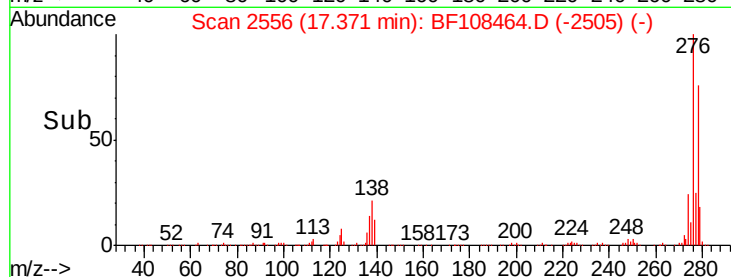
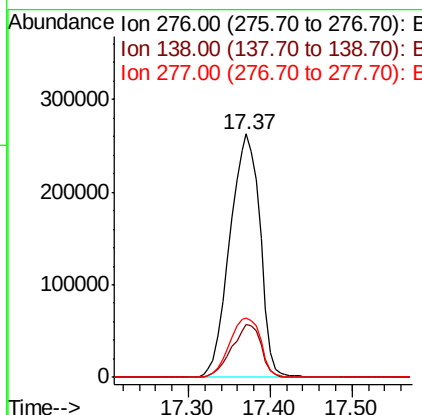
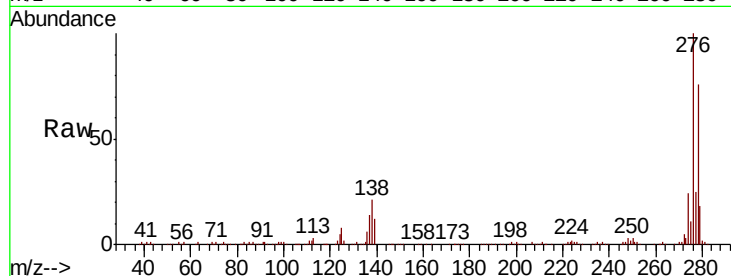




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.574 ng  
 RT: 17.37 min Scan# 2556  
 Delta R.T. -0.00 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

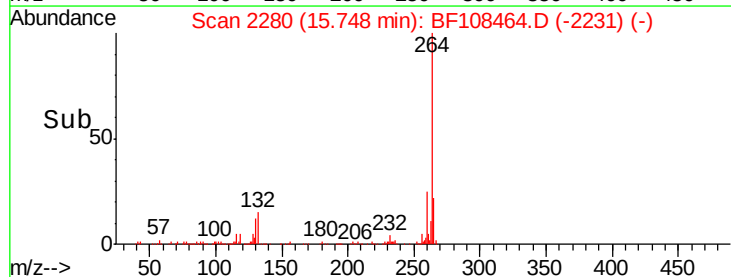
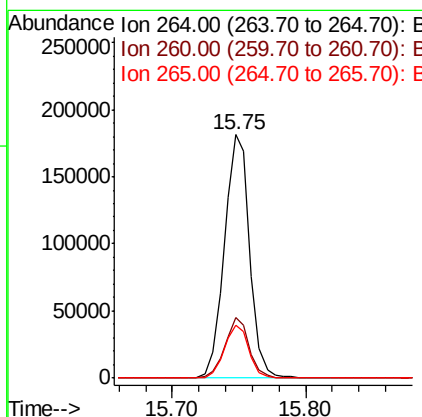
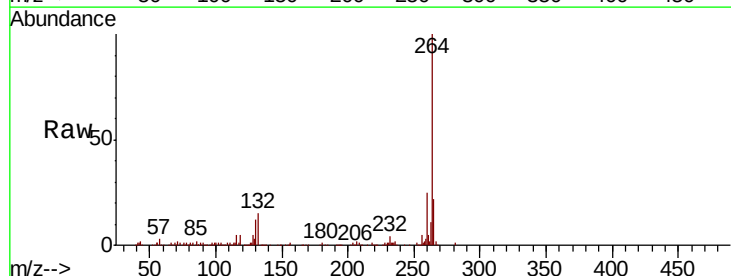
Instrument :  
 BNA\_G  
 ClientSampleId :

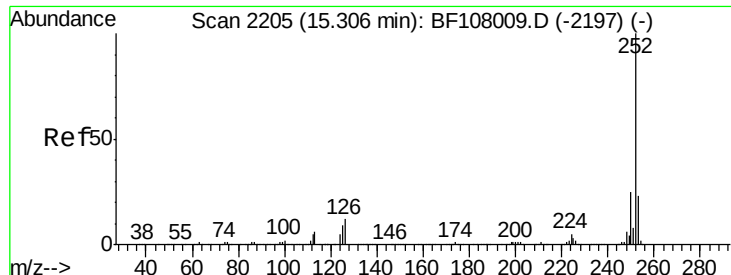
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.2  | 25.0  | 37.6# |
| 277     | 25.2  | 20.1  | 30.1  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.75 min Scan# 2280  
 Delta R.T. -0.01 min  
 Lab File: BF108464.D  
 Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 19.2  | 28.8  |
| 265     | 21.7  | 17.5  | 26.3  |

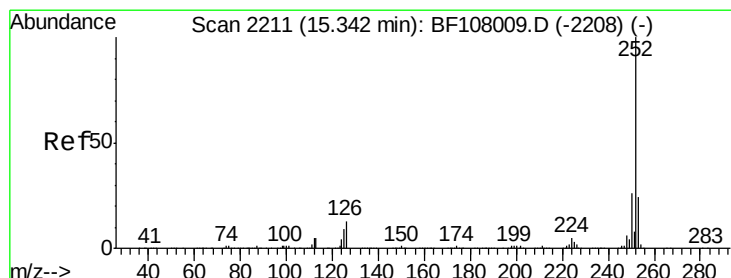
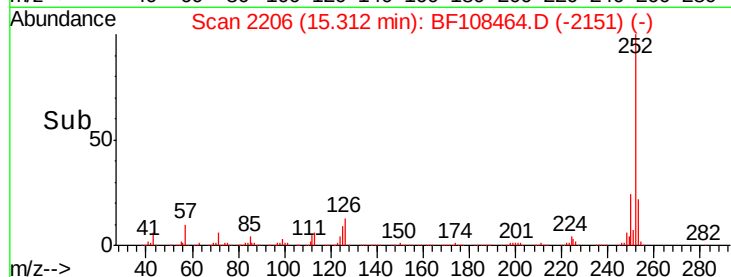
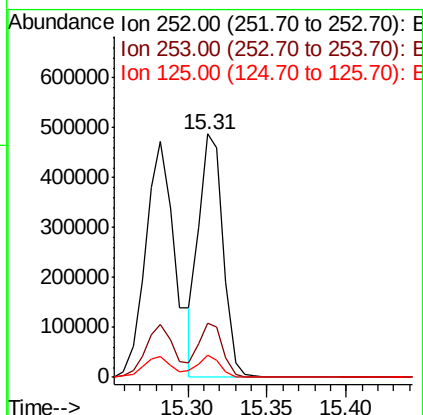
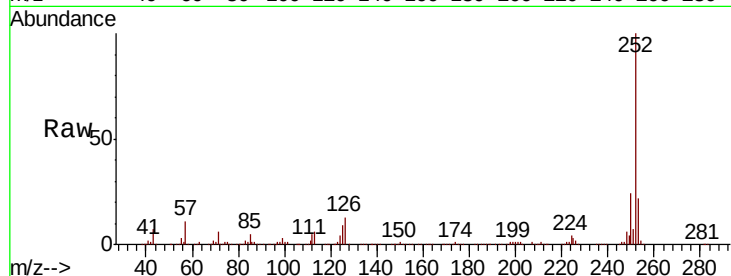




#87  
Benzo(b)fluoranthene  
Concen: 36.458 ng  
RT: 15.31 min Scan# 2206  
Delta R.T. 0.02 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

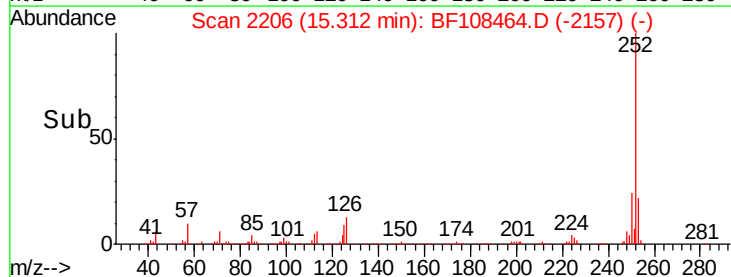
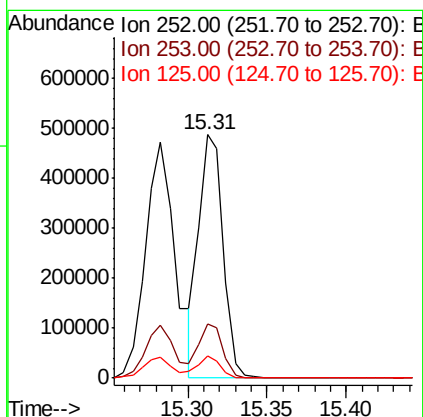
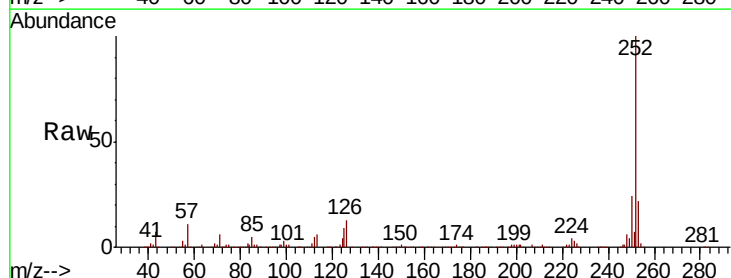
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:252 Resp: 522674  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.0 25.6  
125 9.2 9.0 13.6

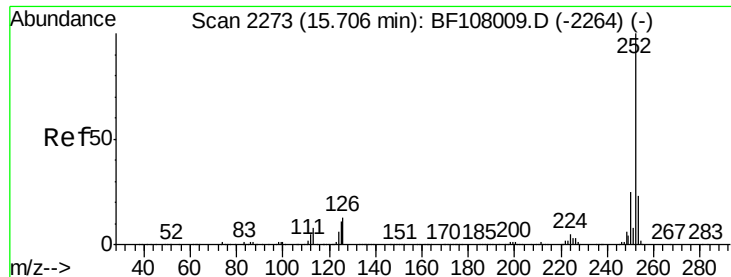


#88  
Benzo(k)fluoranthene  
Concen: 39.661 ng  
RT: 15.31 min Scan# 2206  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

Tgt Ion:252 Resp: 522674  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 9.2 10.2 15.2#



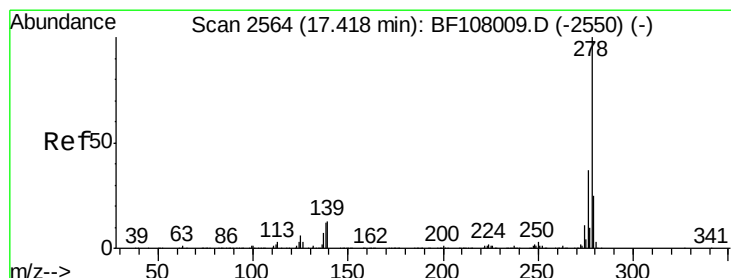
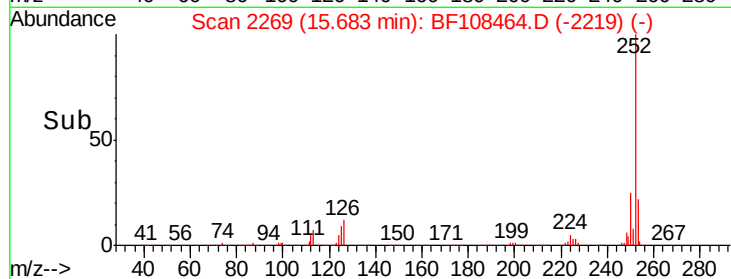
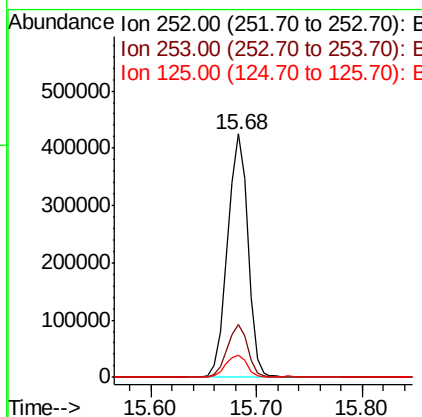
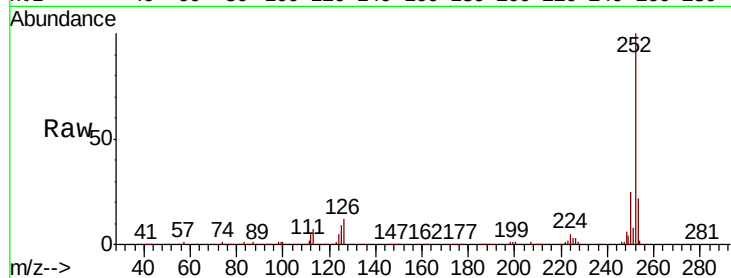




#89  
Benzo(a)pyrene  
Concen: 44.173 ng  
RT: 15.68 min Scan# 2269  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

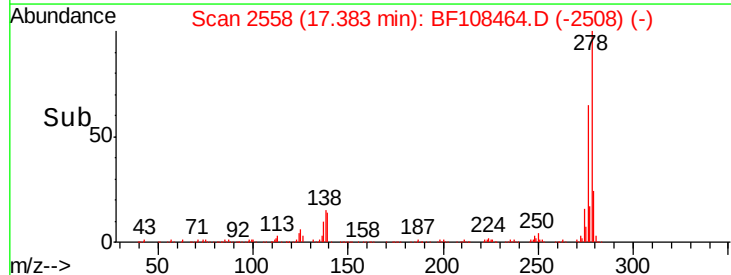
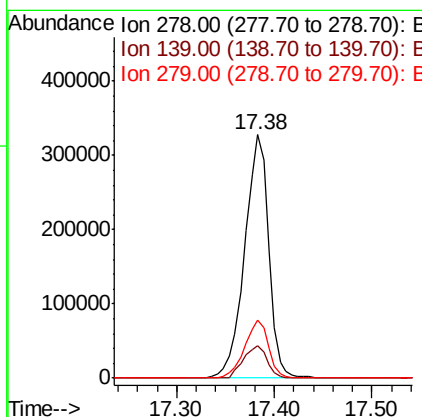
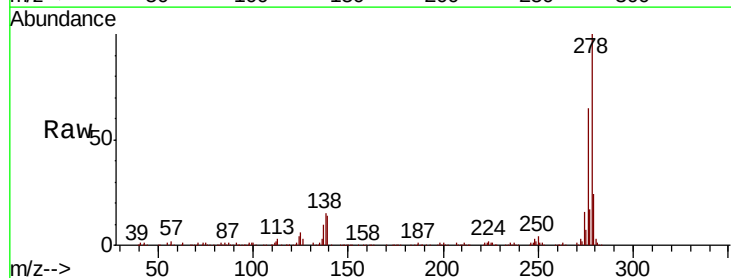
Instrument :  
BNA\_G  
ClientSampled :

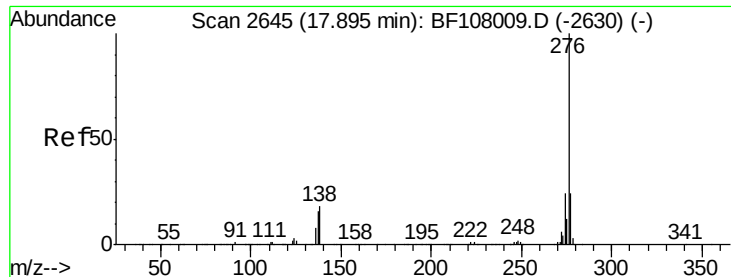
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 9.2   | 9.8   | 14.6  |



#90  
Dibenzo(a,h)anthracene  
Concen: 53.321 ng  
RT: 17.38 min Scan# 2558  
Delta R.T. -0.01 min  
Lab File: BF108464.D  
Acq: 24 Aug 2018 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.6  | 15.9  | 23.9  |
| 279     | 23.8  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 54.645 ng

RT: 17.87 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BF108464.D

Acq: 24 Aug 2018 15:35

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 276 Resp: 571542

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 18.2 21.8 32.8#

