

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF080918\  
 Data File : BF108041.D  
 Acq On : 9 Aug 2018 10:04  
 Operator : JU/SJ  
 Sample : PB111850BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 09 14:18:21 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 08 12:24:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.01  | 152  | 258476   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.30  | 136  | 1023157  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.07 | 164  | 536390   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.56 | 188  | 1119281  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.22 | 240  | 971617   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.78 | 264  | 744328   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 1897524 | 132.91 | ng | 0.01 |
| 7) Phenol-d6             | 6.64  | 99  | 2521604 | 132.91 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.58  | 82  | 1667721 | 90.95  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.86 | 330 | 776477  | 145.13 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.38  | 172 | 3005450 | 89.96  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.15 | 244 | 3571637 | 93.46  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.98 | 88  | 294544  | 40.151 | ng | # 87   |
| 3) Pyridine                    | 3.73 | 79  | 813031  | 43.023 | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.69 | 42  | 498655  | 46.895 | ng | 83     |
| 6) Aniline                     | 6.68 | 93  | 939041  | 36.388 | ng | 94     |
| 8) 2-Chlorophenol              | 6.80 | 128 | 784755  | 48.804 | ng | 95     |
| 9) Benzaldehyde                | 6.57 | 77  | 383379  | 26.064 | ng | 94     |
| 10) Phenol                     | 6.65 | 94  | 951549  | 48.488 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.75 | 93  | 753099  | 47.468 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.95 | 146 | 875525  | 47.091 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.03 | 146 | 881152  | 47.171 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.18 | 146 | 825059  | 47.484 | ng | 98     |
| 15) Benzyl Alcohol             | 7.15 | 79  | 793295  | 49.669 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.28 | 45  | 1529558 | 46.798 | ng | 96     |
| 17) 2-Methylphenol             | 7.25 | 107 | 687528  | 49.860 | ng | 95     |
| 18) Hexachloroethane           | 7.53 | 117 | 322011  | 48.420 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.42 | 70  | 602992  | 47.000 | ng | # 85   |
| 20) 3+4-Methylphenols          | 7.41 | 107 | 862351  | 48.802 | ng | # 87   |
| 22) Acetophenone               | 7.42 | 105 | 1127872 | 47.144 | ng | # 92   |
| 24) Nitrobenzene               | 7.60 | 77  | 898750  | 48.473 | ng | 96     |
| 25) Isophorone                 | 7.83 | 82  | 1627163 | 46.559 | ng | 97     |
| 26) 2-Nitrophenol              | 7.91 | 139 | 381428  | 54.474 | ng | 87     |
| 27) 2,4-Dimethylphenol         | 7.94 | 122 | 765363  | 49.343 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 8.04 | 93  | 964754  | 47.287 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.15 | 162 | 719265  | 50.389 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.24 | 180 | 754783  | 47.959 | ng | 98     |
| 31) Naphthalene                | 8.32 | 128 | 2218693 | 47.682 | ng | 98     |
| 32) Benzoic acid               | 8.05 | 122 | 299827  | 35.139 | ng | 90     |
| 33) 4-Chloroaniline            | 8.36 | 127 | 669215  | 33.002 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.43 | 225 | 477829  | 47.960 | ng | 97     |
| 35) Caprolactam                | 8.74 | 113 | 128798  | 28.793 | ng | # 76   |
| 36) 4-Chloro-3-methylphenol    | 8.84 | 107 | 771600  | 50.107 | ng | 96     |
| 37) 2-Methylnaphthalene        | 9.01 | 142 | 1562079 | 47.449 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.18 | 216 | 768780  | 46.672 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.17 | 237 | 954150  | 89.681 | ng | 98     |

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 Sample : PB111850BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

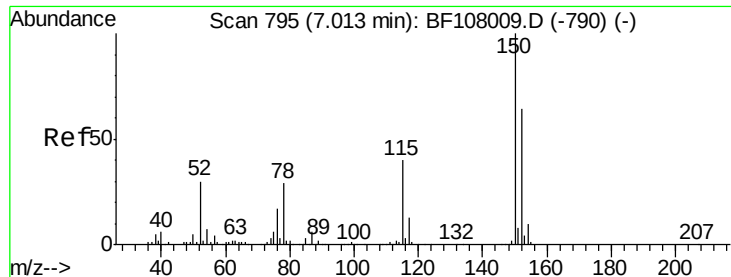
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 09 14:18:21 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 08 12:24:24 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.29  | 196  | 528877   | 51.741  | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.32  | 196  | 586279   | 52.103  | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.48  | 154  | 1883392  | 47.623  | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.51  | 162  | 1492085  | 47.736  | ng    | 99       |
| 47) 2-Nitroaniline             | 9.60  | 65   | 533774   | 52.777  | ng    | 88       |
| 48) Acenaphthylene             | 9.92  | 152  | 2340153  | 47.357  | ng    | 96       |
| 49) Dimethylphthalate          | 9.78  | 163  | 1802747  | 48.248  | ng #  | 97       |
| 50) 2,6-Dinitrotoluene         | 9.84  | 165  | 405028   | 51.812  | ng    | 93       |
| 51) Acenaphthene               | 10.10 | 154  | 1532723  | 50.641  | ng    | 96       |
| 52) 3-Nitroaniline             | 10.01 | 138  | 354382   | 41.433  | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 10.12 | 184  | 252912   | 85.883  | ng #  | 21       |
| 54) Dibenzofuran               | 10.27 | 168  | 2060958  | 47.000  | ng    | 92       |
| 55) 4-Nitrophenol              | 10.17 | 139  | 675001   | 104.218 | ng #  | 78       |
| 56) 2,4-Dinitrotoluene         | 10.25 | 165  | 545527   | 54.215  | ng #  | 93       |
| 57) Fluorene                   | 10.62 | 166  | 1645403  | 47.401  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.38 | 232  | 493569   | 52.480  | ng #  | 87       |
| 59) Diethylphthalate           | 10.48 | 149  | 1756228  | 48.540  | ng    | 94       |
| 60) 4-Chlorophenyl-phenylether | 10.60 | 204  | 847321   | 46.845  | ng    | 96       |
| 61) 4-Nitroaniline             | 10.64 | 138  | 452126   | 53.467  | ng    | 89       |
| 62) Azobenzene                 | 10.77 | 77   | 1764536  | 47.224  | ng    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 10.66 | 198  | 193934   | 46.357  | ng    | 80       |
| 65) n-Nitrosodiphenylamine     | 10.72 | 169  | 1515694  | 45.825  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.10 | 248  | 564499   | 46.409  | ng    | 92       |
| 67) Hexachlorobenzene          | 11.17 | 284  | 591693   | 46.233  | ng #  | 87       |
| 68) Atrazine                   | 11.25 | 200  | 525035   | 47.327  | ng    | 97       |
| 69) Pentachlorophenol          | 11.36 | 266  | 604881   | 98.745  | ng    | 97       |
| 70) Phenanthrene               | 11.59 | 178  | 2409697  | 45.645  | ng    | 95       |
| 71) Anthracene                 | 11.64 | 178  | 2455469  | 45.380  | ng    | 95       |
| 72) Carbazole                  | 11.79 | 167  | 2274508  | 47.313  | ng    | 95       |
| 73) Di-n-butylphthalate        | 12.11 | 149  | 2562584  | 47.061  | ng #  | 97       |
| 74) Fluoranthene               | 12.78 | 202  | 2691725  | 46.718  | ng    | 93       |
| 76) Benzidine                  | 12.90 | 184  | 1182724  | 32.580  | ng    | 98       |
| 77) Pyrene                     | 13.01 | 202  | 2720050  | 44.219  | ng    | 93       |
| 79) Butylbenzylphthalate       | 13.62 | 149  | 1260581  | 51.608  | ng    | 92       |
| 80) Benzo(a)anthracene         | 14.21 | 228  | 2600183  | 46.631  | ng    | 94       |
| 81) 3,3'-Dichlorobenzidine     | 14.17 | 252  | 762580   | 38.161  | ng #  | 97       |
| 82) Chrysene                   | 14.25 | 228  | 2344235  | 45.856  | ng    | 93       |
| 83) Bis(2-ethylhexyl)phthalate | 14.18 | 149  | 1625851  | 49.153  | ng #  | 95       |
| 84) Di-n-octyl phthalate       | 14.80 | 149  | 2517614  | 49.907  | ng #  | 93       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.39 | 276  | 2118702  | 47.832  | ng #  | 91       |
| 87) Benzo(b)fluoranthene       | 15.31 | 252  | 2313404  | 52.014  | ng    | 94       |
| 88) Benzo(k)fluoranthene       | 15.34 | 252  | 2004166  | 49.020  | ng #  | 95       |
| 89) Benzo(a)pyrene             | 15.71 | 252  | 1976800  | 49.634  | ng #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 17.42 | 278  | 1767302  | 53.630  | ng #  | 93       |
| 91) Benzo(g,h,i)perylene       | 17.90 | 276  | 1799206  | 55.447  | ng #  | 89       |

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



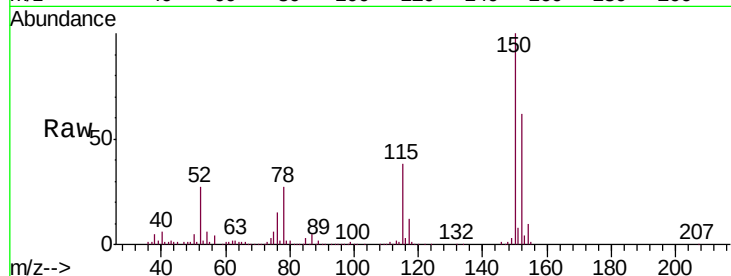


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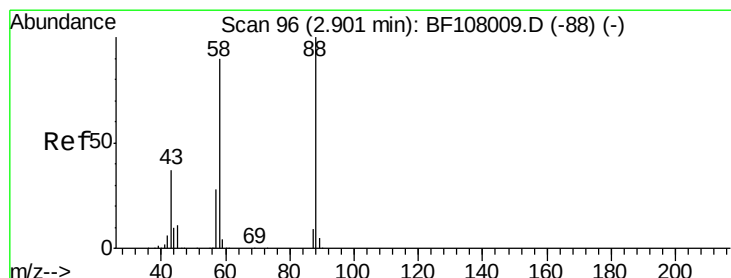
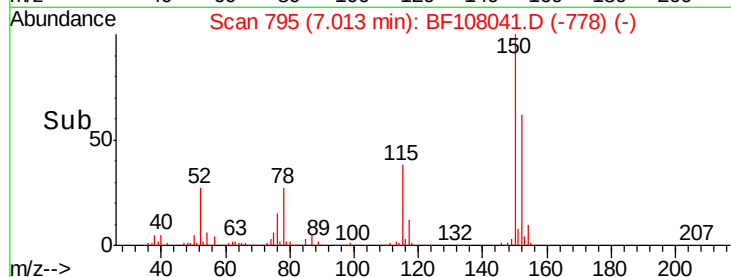
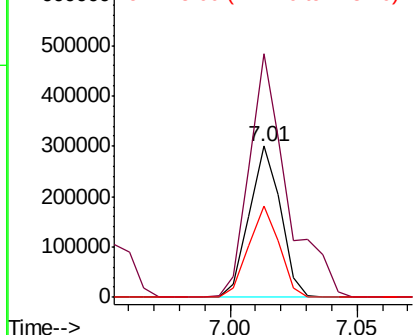
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.01 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:152 Resp: 258476  
Ion Ratio Lower Upper  
152 100  
150 160.9 124.6 186.8  
115 60.4 50.1 75.1



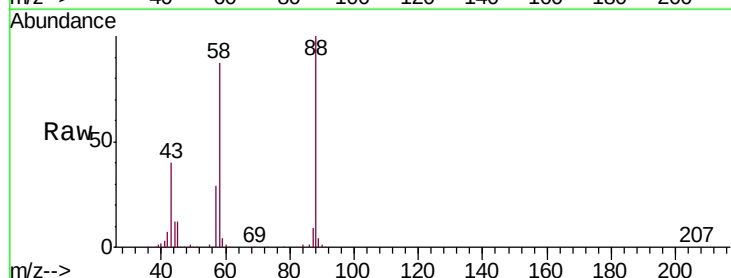
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



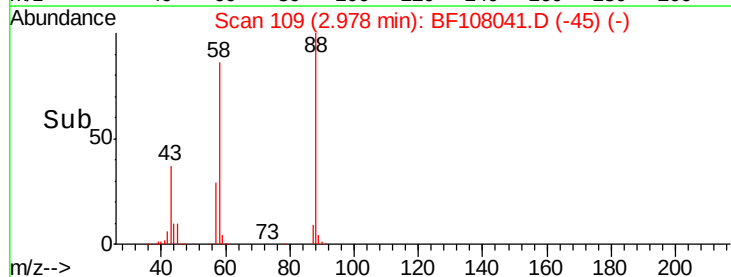
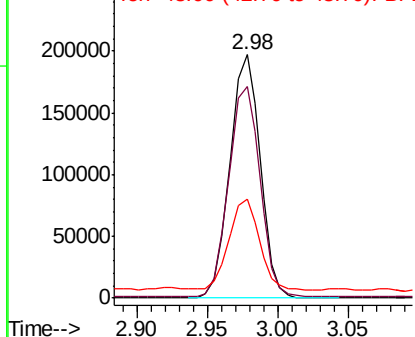
#2

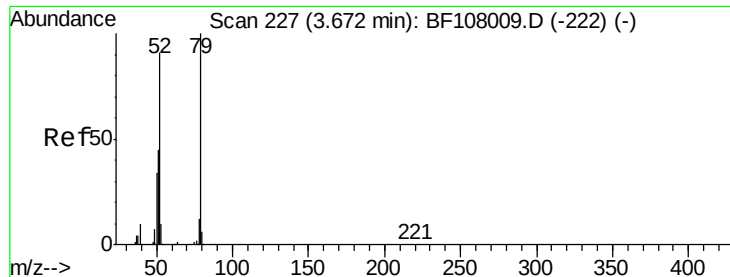
1,4-Dioxane  
Concen: 40.151 ng  
RT: 2.98 min Scan# 109  
Delta R.T. 0.08 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion: 88 Resp: 294544  
Ion Ratio Lower Upper  
88 100  
58 89.5 62.6 93.8  
43 37.3 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

Pyridine

Concen: 43.023 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampled :

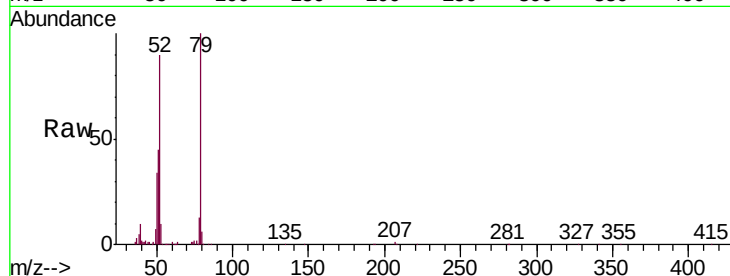
Tgt Ion: 79 Resp: 813031

Ion Ratio Lower Upper

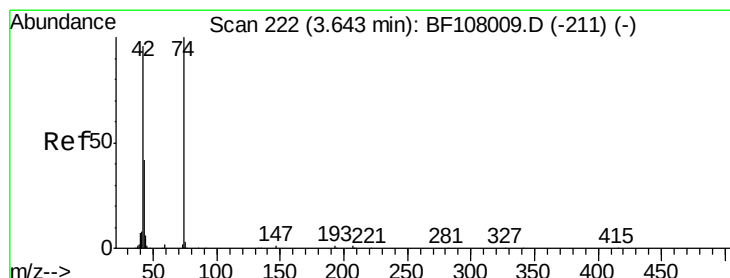
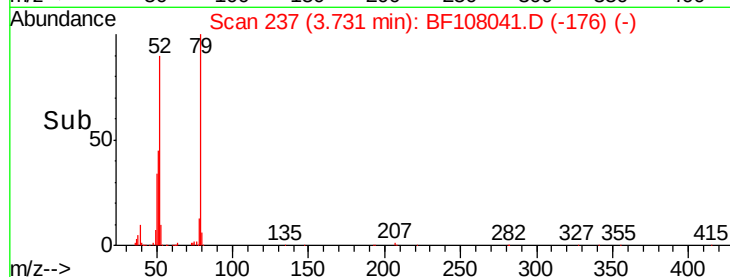
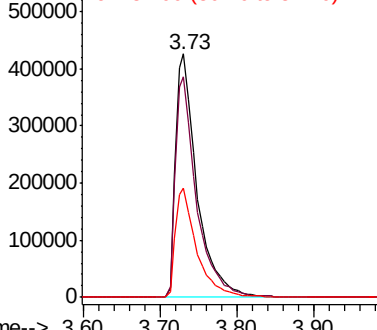
79 100

52 90.4 59.8 89.6#

51 45.0 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: 46.895 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

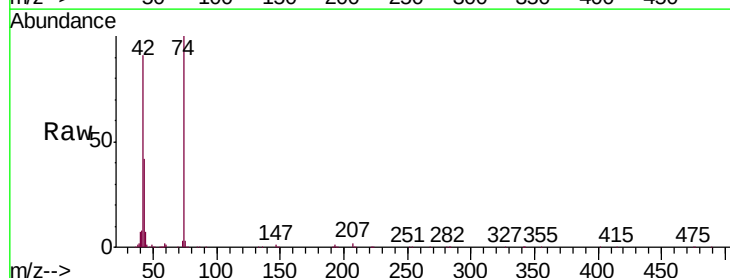
Tgt Ion: 42 Resp: 498655

Ion Ratio Lower Upper

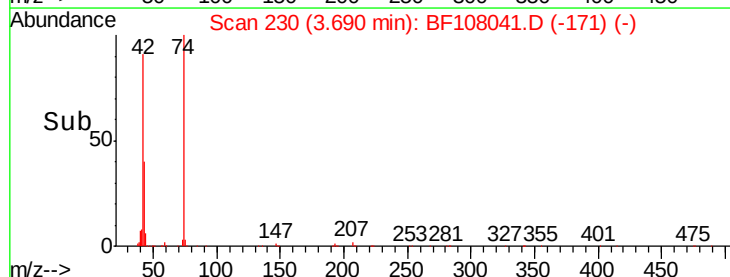
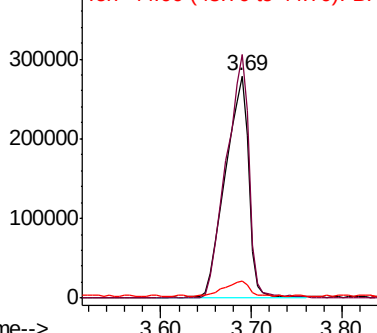
42 100

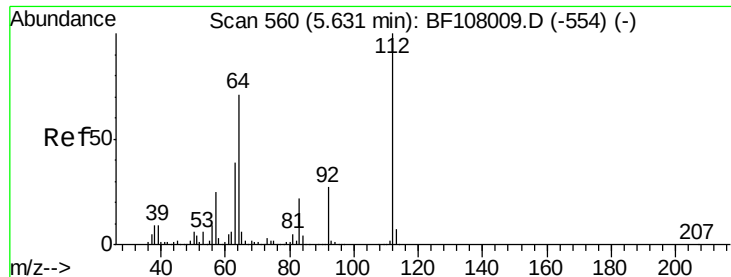
74 109.6 104.9 157.3

44 7.8 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: 132.909 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

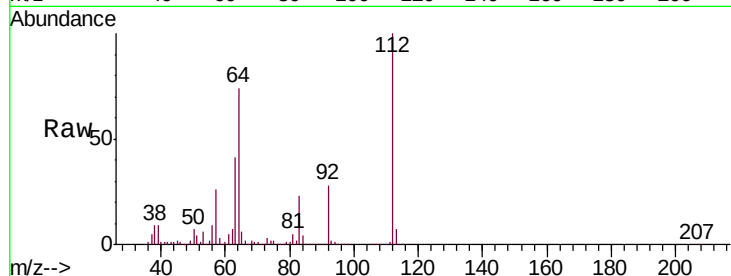
Tgt Ion:112 Resp: 1897524

Ion Ratio Lower Upper

112 100

64 74.3 47.9 71.9#

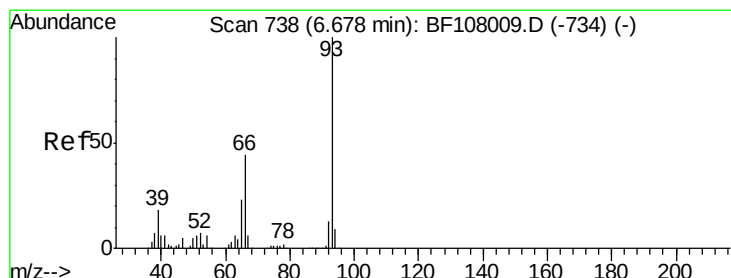
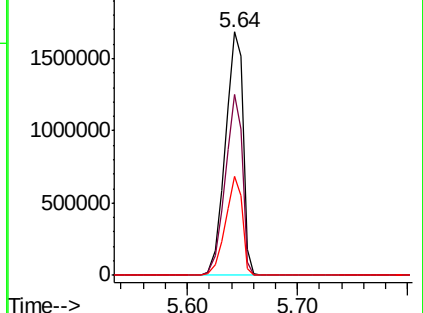
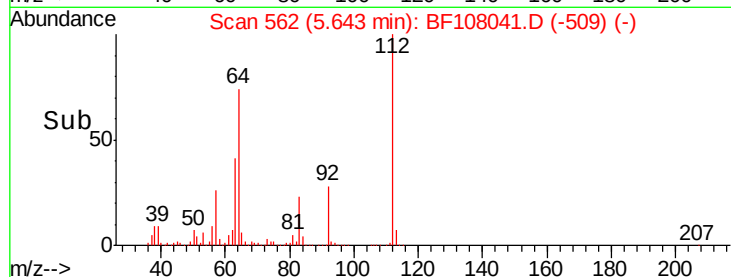
63 40.9 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.388 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

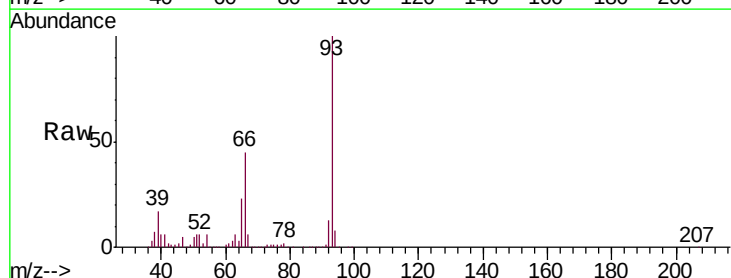
Tgt Ion: 93 Resp: 939041

Ion Ratio Lower Upper

93 100

66 44.5 32.2 48.2

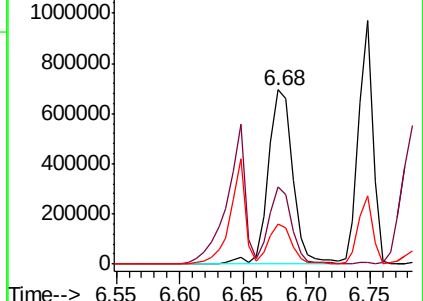
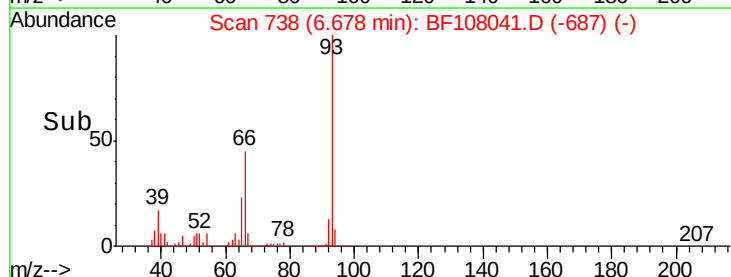
65 22.8 16.4 24.6

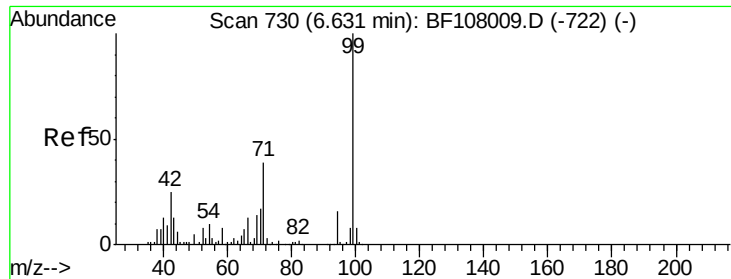


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.912 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampled :

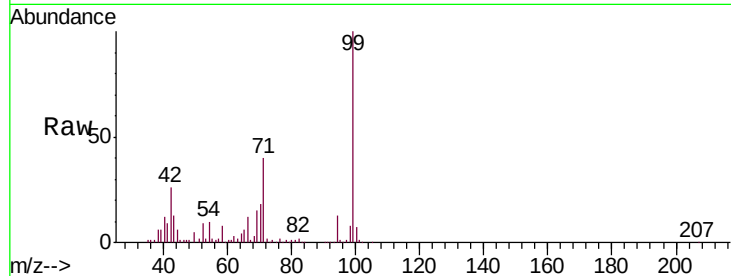
Tgt Ion: 99 Resp: 2521604

Ion Ratio Lower Upper

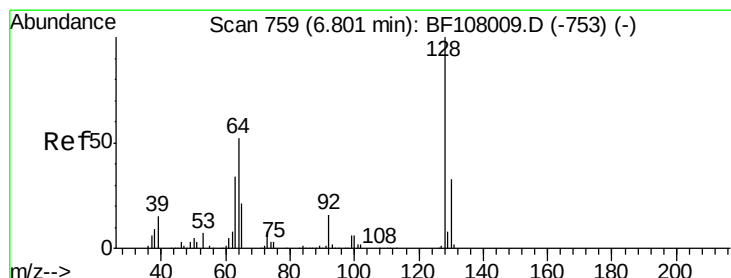
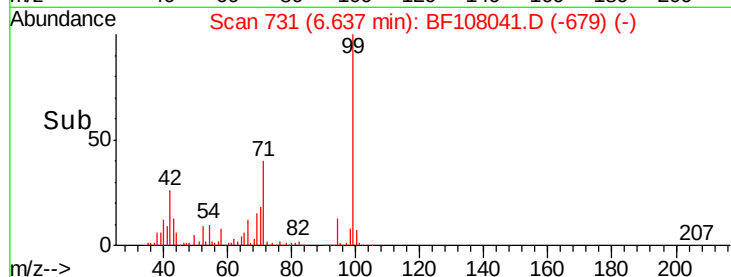
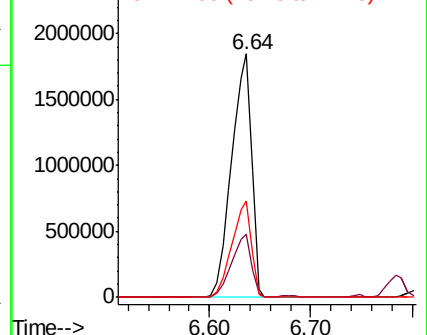
99 100

42 26.1 14.5 21.7#

71 39.8 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1  
2500000  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.804 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

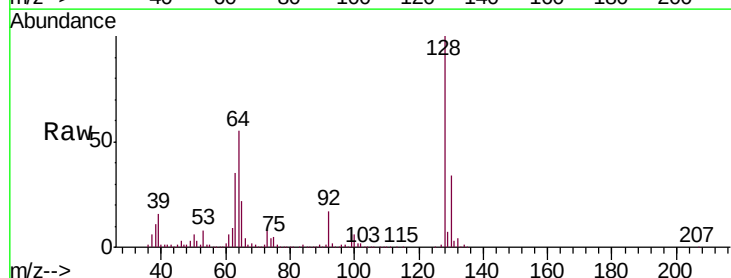
Tgt Ion: 128 Resp: 784755

Ion Ratio Lower Upper

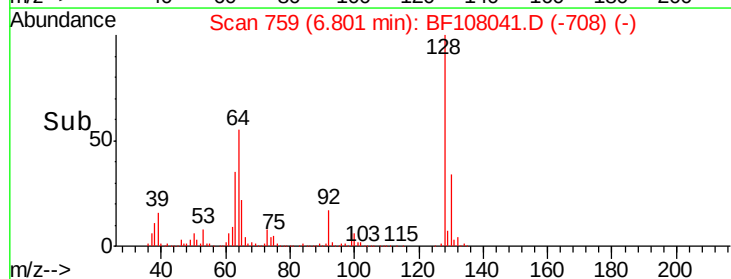
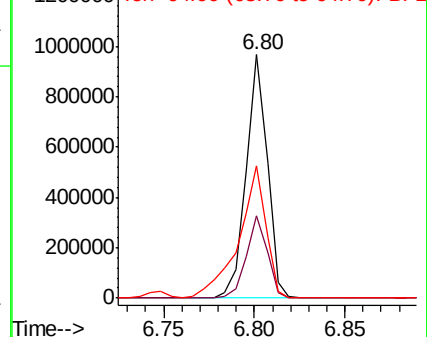
128 100

130 33.8 13.0 53.0

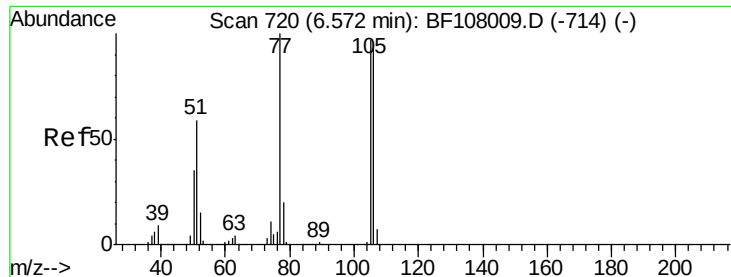
64 54.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E  
1200000  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1







#9

Benzaldehyde

Concen: 26.064 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

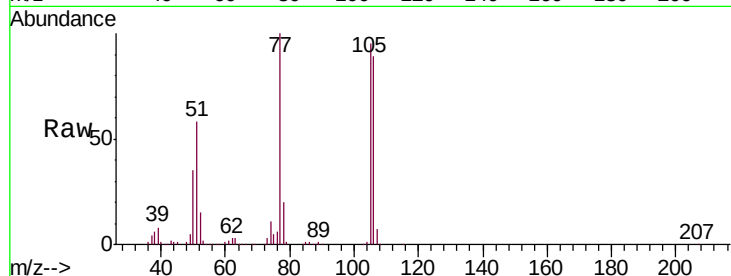
Tgt Ion: 77 Resp: 383379

Ion Ratio Lower Upper

77 100

105 94.7 81.1 121.1

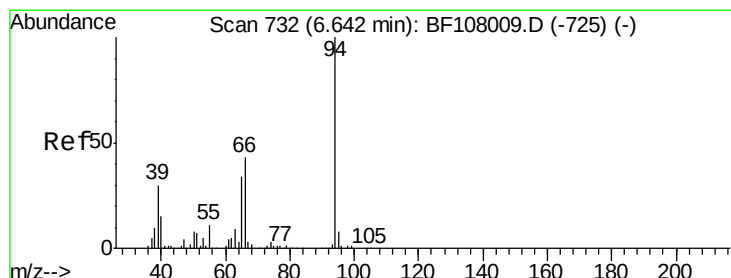
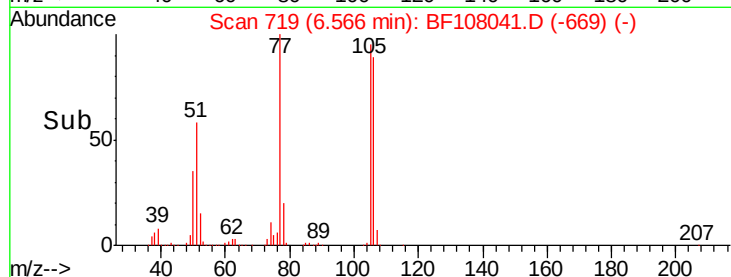
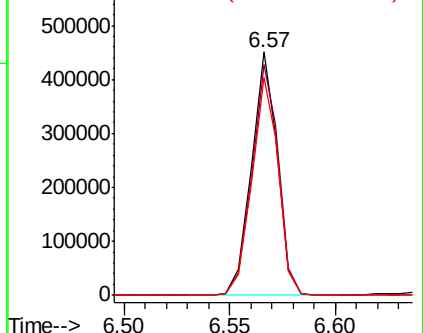
106 89.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.488 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

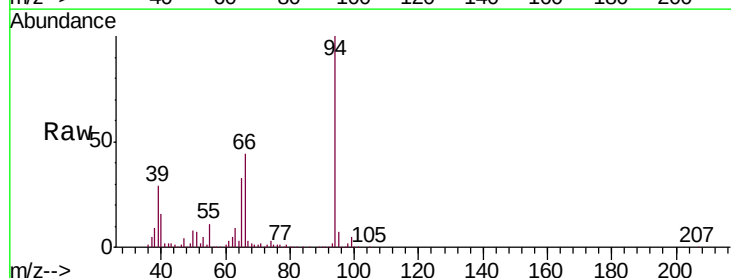
Tgt Ion: 94 Resp: 951549

Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

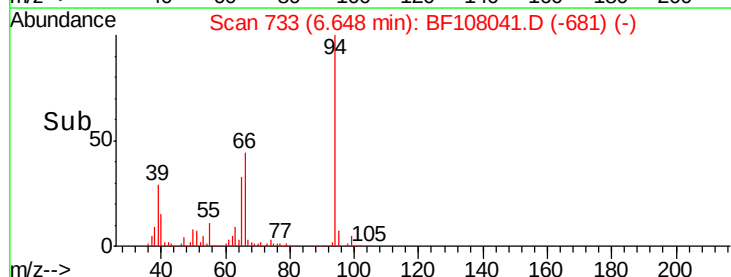
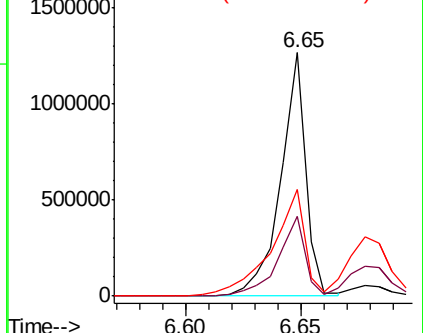
66 43.9 16.2 56.2



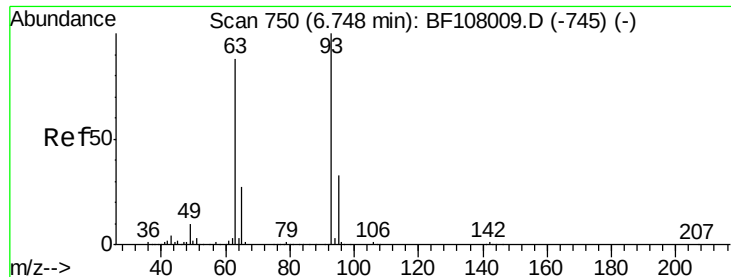
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



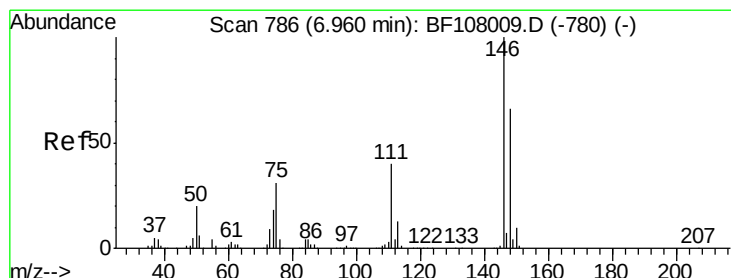
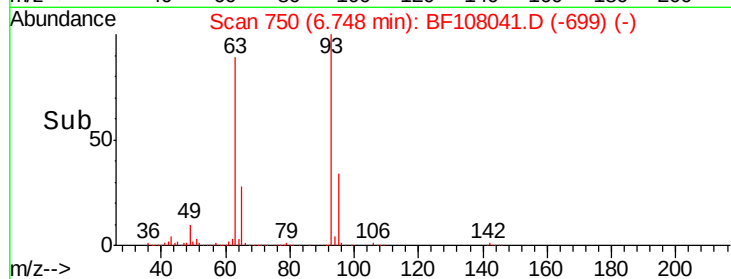
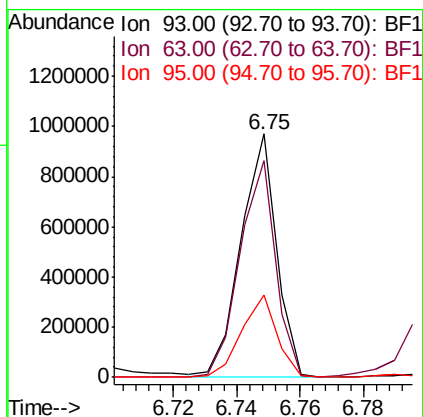
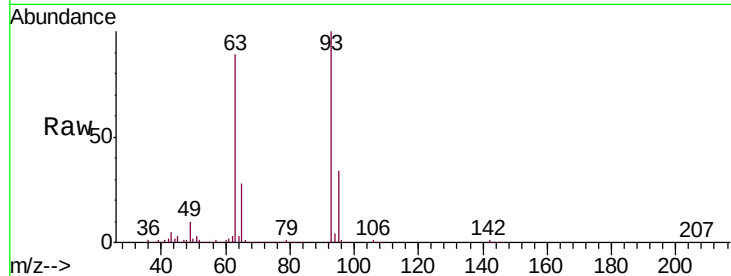




#11  
bis(2-Chloroethyl)ether  
Concen: 47.468 ng  
RT: 6.75 min Scan# 750  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

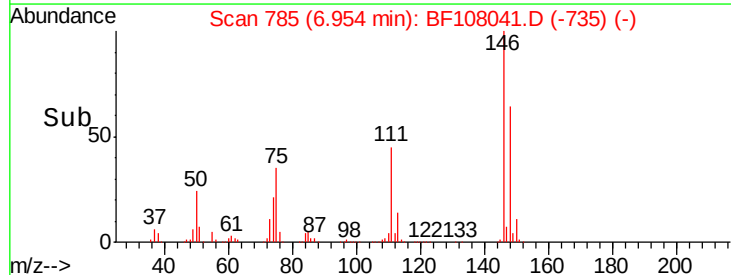
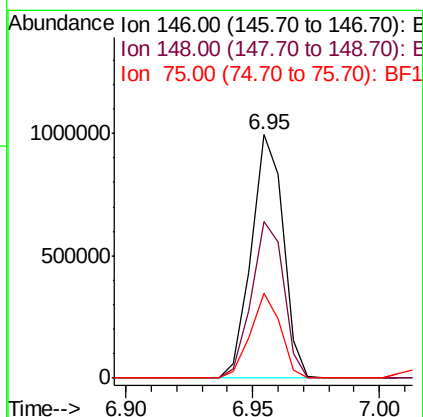
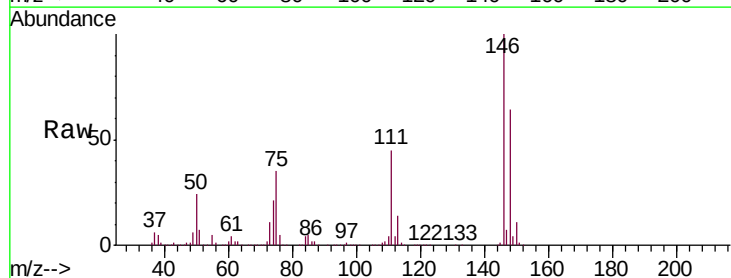
Instrument :  
BNA\_G  
ClientSampleId :

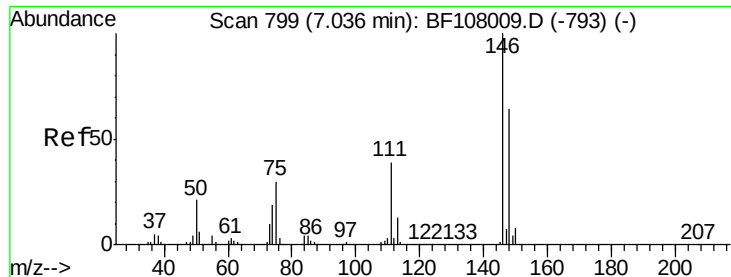
Tgt Ion: 93 Resp: 753099  
Ion Ratio Lower Upper  
93 100  
63 88.9 58.6 98.6  
95 33.9 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 47.091 ng  
RT: 6.95 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion: 146 Resp: 875525  
Ion Ratio Lower Upper  
146 100  
148 64.3 51.8 77.8  
75 34.7 24.2 36.4

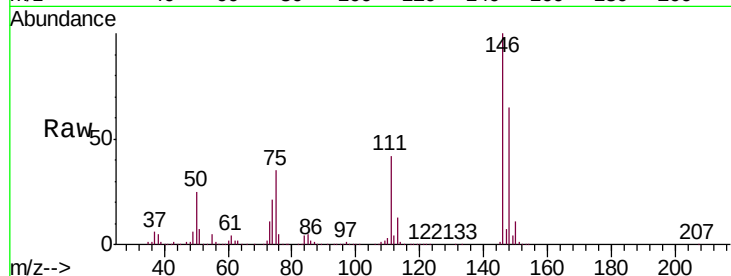




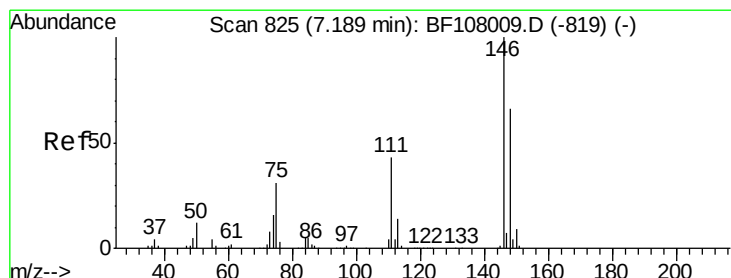
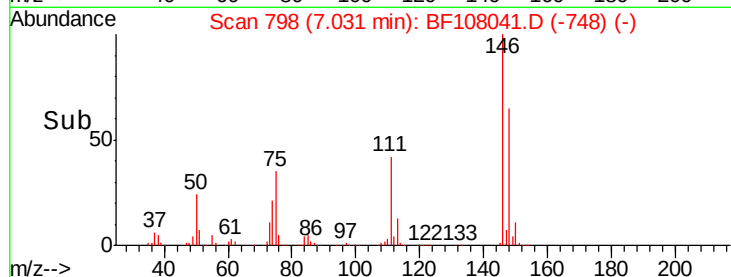
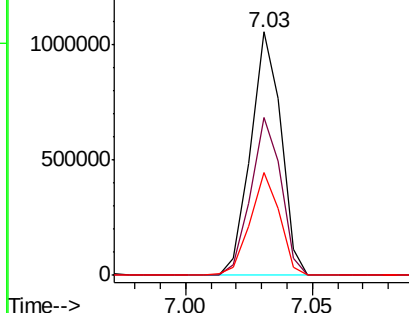
#13  
 1,4-Dichlorobenzene  
 Concen: 47.171 ng  
 RT: 7.03 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:146 Resp: 881152  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 50.8 76.2  
 111 42.1 34.2 51.2

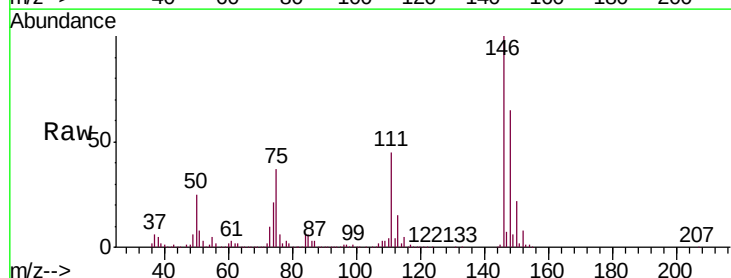


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

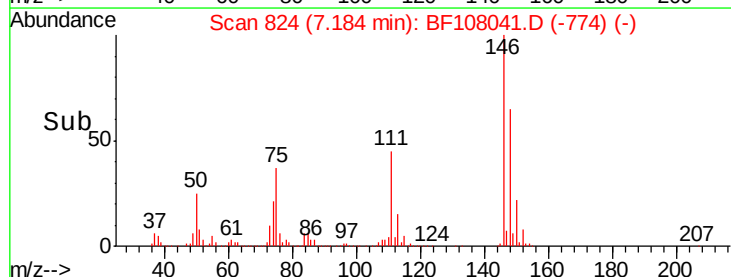
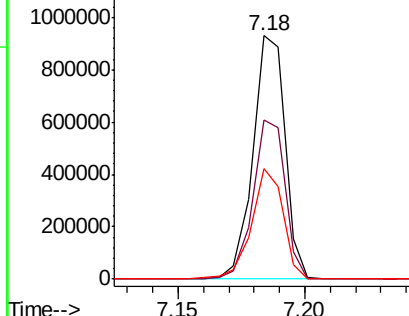


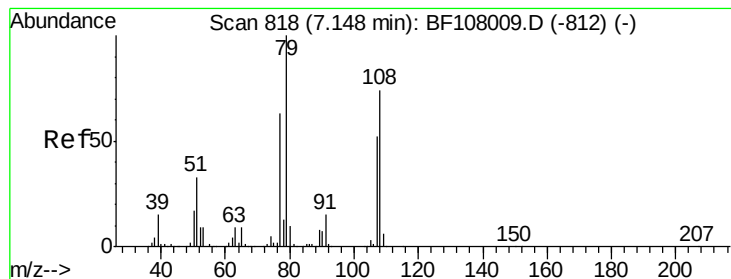
#14  
 1,2-Dichlorobenzene  
 Concen: 47.484 ng  
 RT: 7.18 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:146 Resp: 825059  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 50.6 75.8  
 111 45.1 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 49.669 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampled :

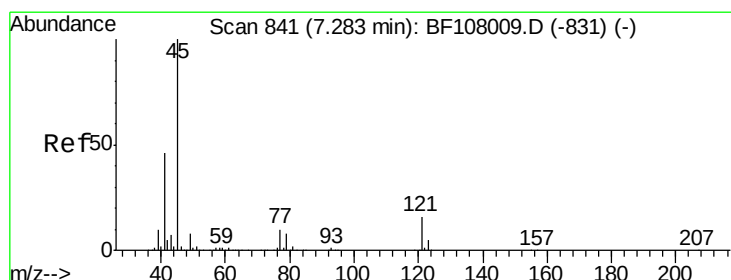
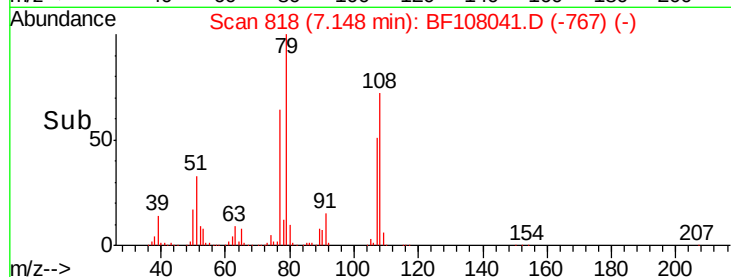
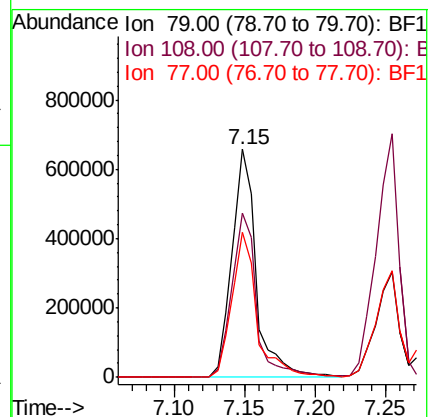
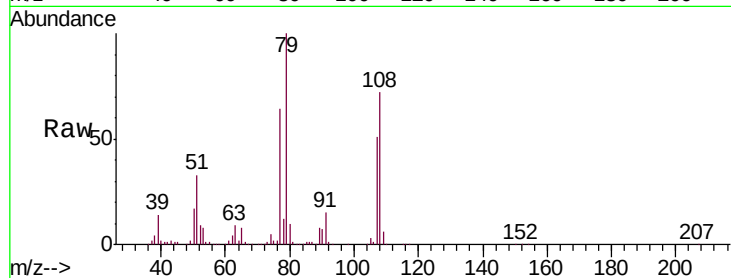
Tgt Ion: 79 Resp: 793295

Ion Ratio Lower Upper

79 100

108 72.3 65.1 97.7

77 63.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.798 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

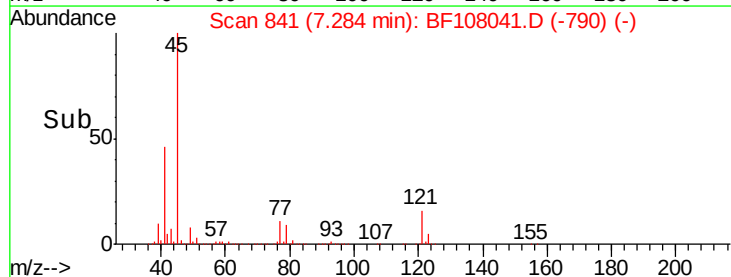
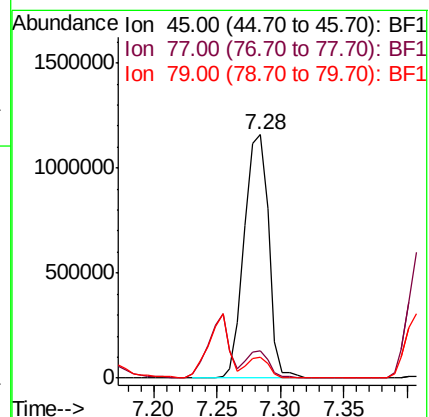
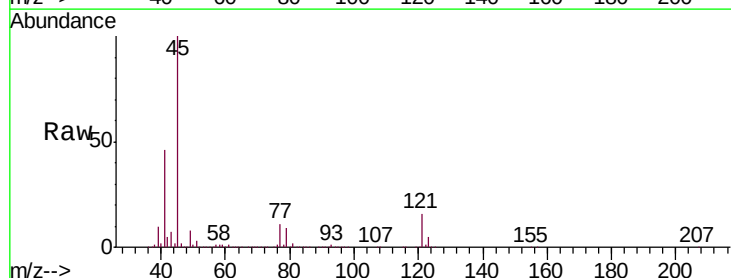
Tgt Ion: 45 Resp: 1529558

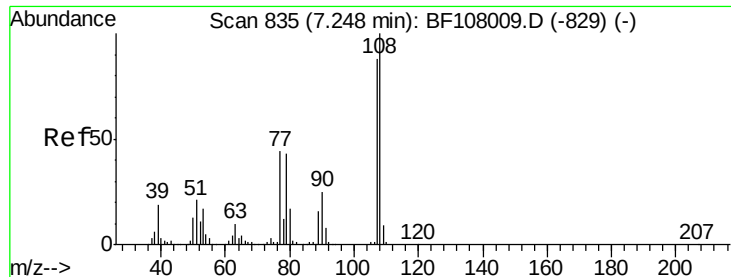
Ion Ratio Lower Upper

45 100

77 11.1 0.0 32.9

79 8.7 0.0 29.6





#17

2-Methylphenol

Concen: 49.860 ng

RT: 7.25 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

Tgt Ion:107 Resp: 687528

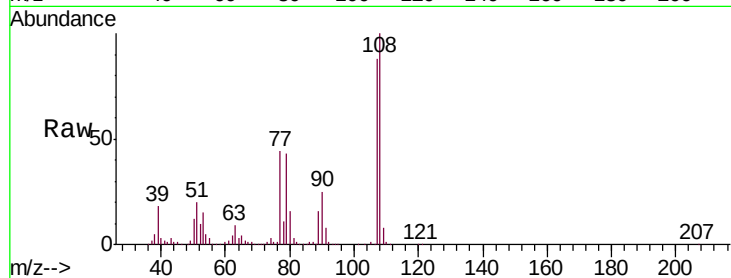
Ion Ratio Lower Upper

107 100

108 113.6 91.7 137.5

77 49.8 33.8 50.8

79 49.2 33.8 50.8

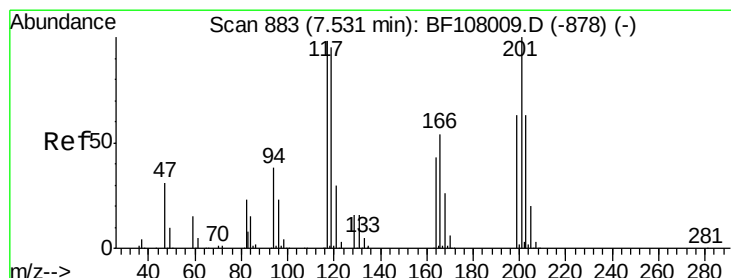
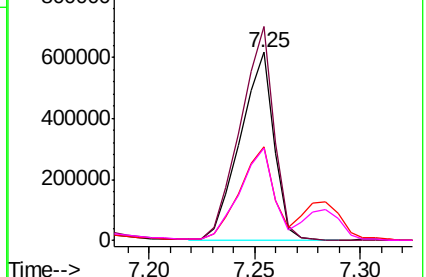
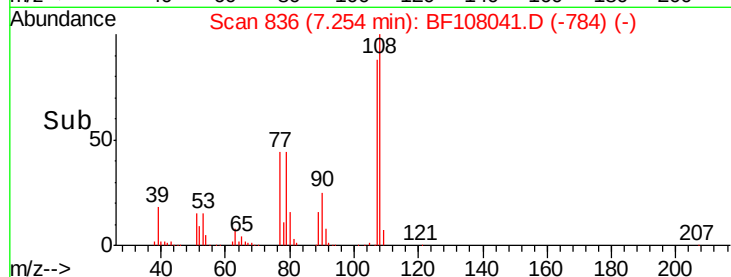


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.420 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

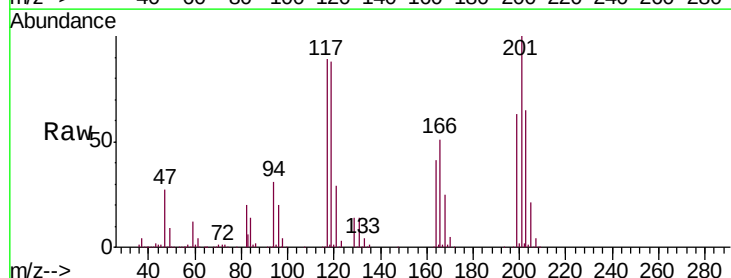
Tgt Ion:117 Resp: 322011

Ion Ratio Lower Upper

117 100

119 99.1 75.8 113.8

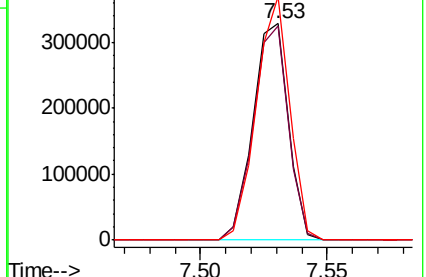
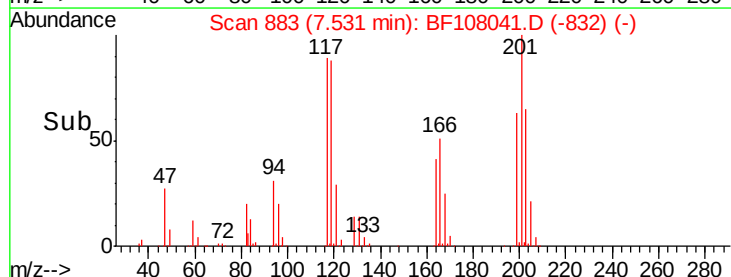
201 112.5 75.7 113.5

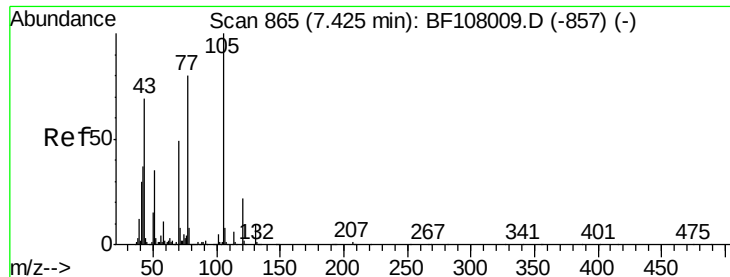


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

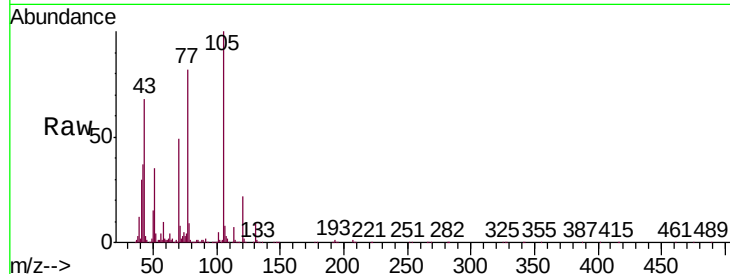




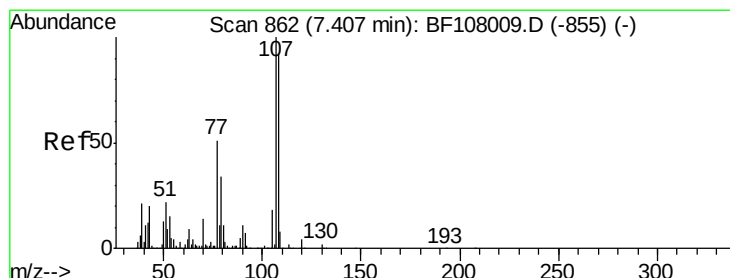
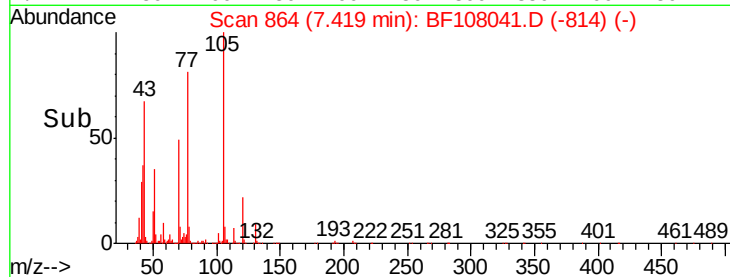
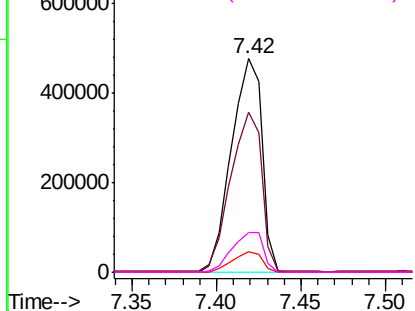
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.000 ng  
RT: 7.42 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 602992 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 75.1  | 47.5  | 71.3#  |
| 101      | 9.7   | 7.4   | 11.2   |
| 130      | 18.3  | 16.6  | 25.0   |

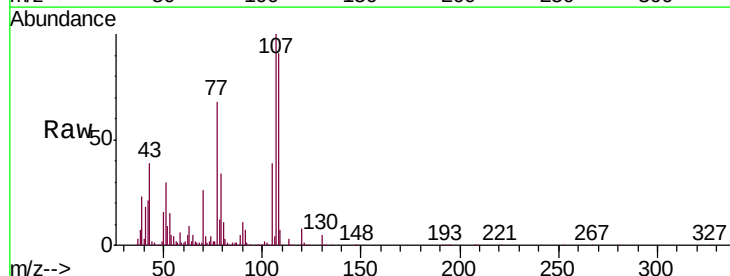


Abundance Ion 70.00 (69.70 to 70.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

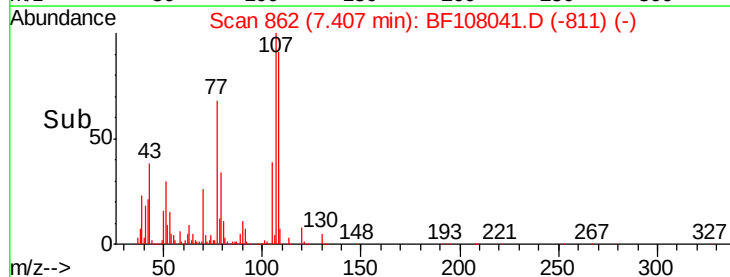
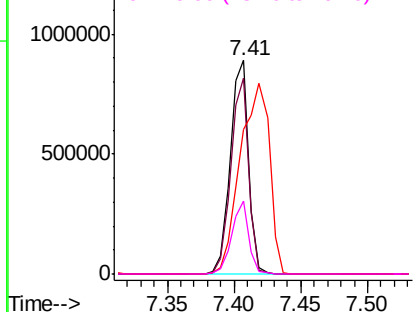


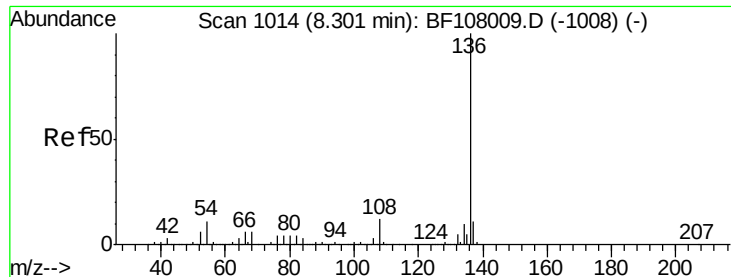
#20  
3+4-Methylphenols  
Concen: 48.802 ng  
RT: 7.41 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 862351 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.5  | 68.2  | 108.2  |
| 77       | 67.5  | 26.7  | 66.7#  |
| 79       | 34.2  | 6.3   | 46.3   |



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

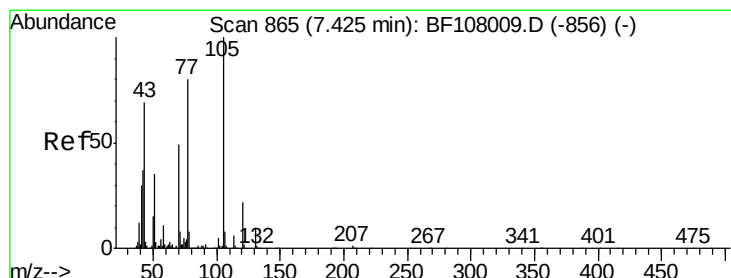
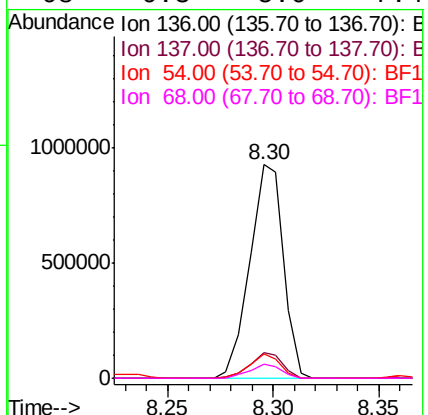
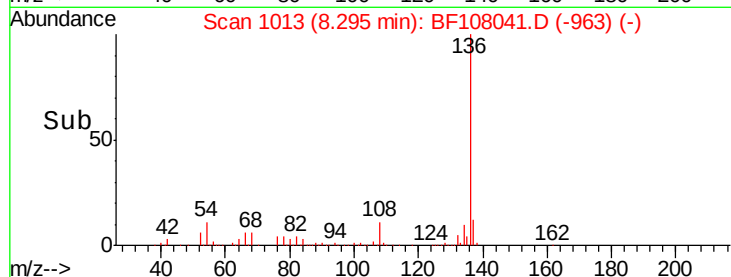
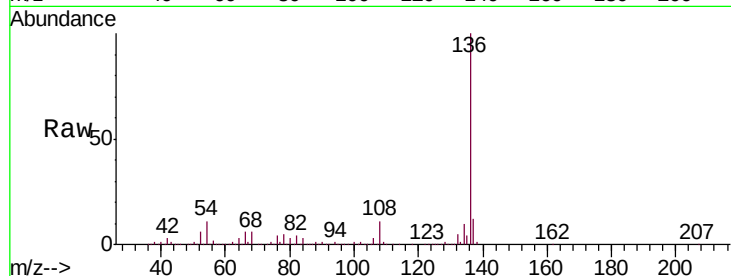




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.30 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

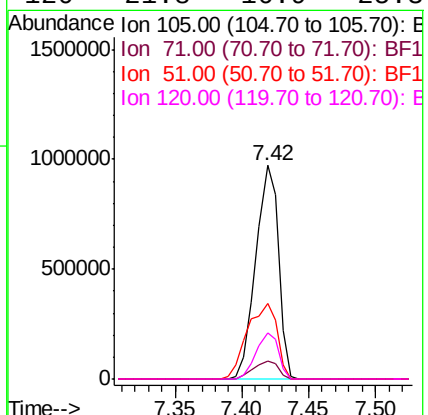
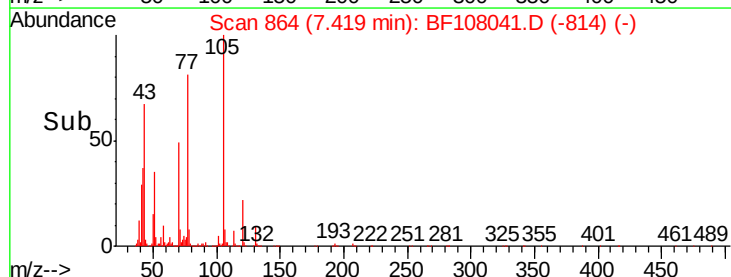
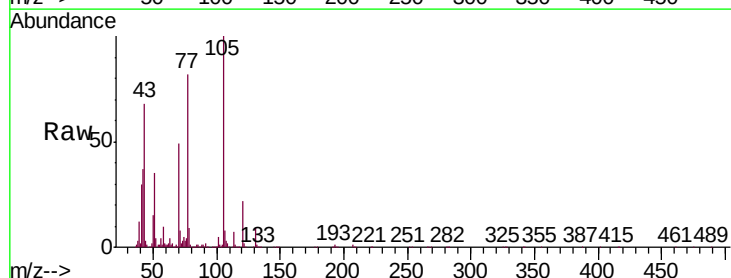
Instrument :  
BNA\_G  
ClientSampleId :

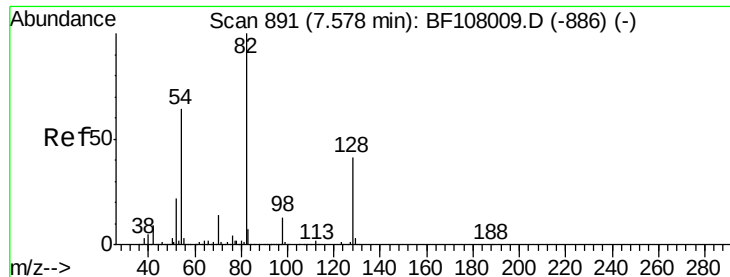
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 136   | Resp: | 1023157 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 11.9  | 8.9   | 13.3    |
| 54       | 11.1  | 6.6   | 9.8#    |
| 68       | 6.3   | 5.0   | 7.4     |



#22  
Acetophenone  
Concen: 47.144 ng  
RT: 7.42 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1127872 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 8.1   | 4.4   | 6.6#    |
| 51       | 35.2  | 22.3  | 33.5#   |
| 120      | 21.8  | 16.9  | 25.3    |

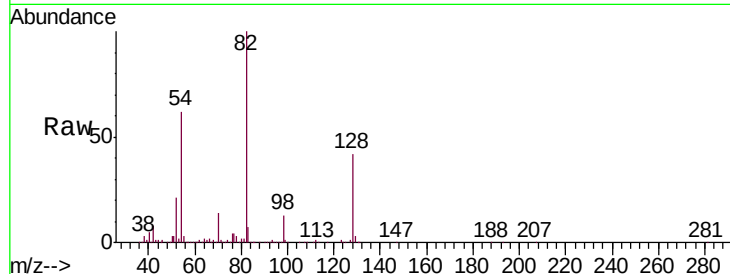




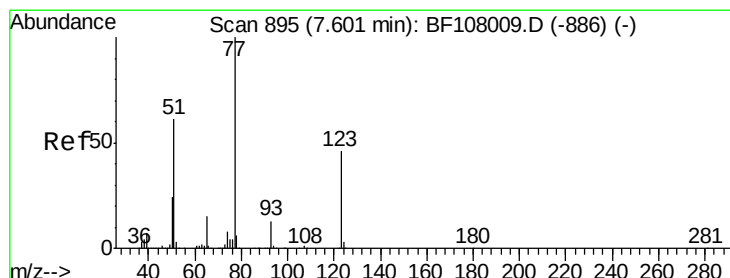
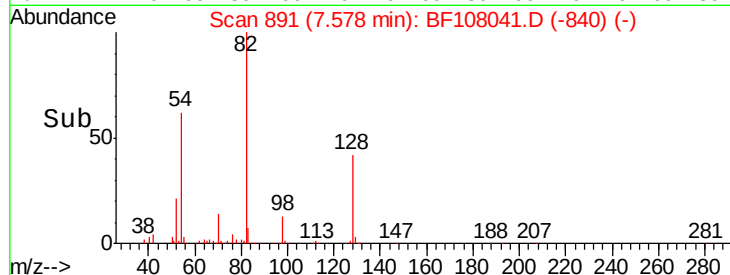
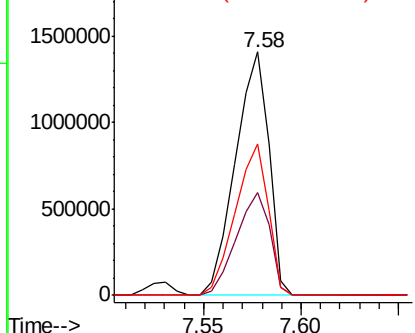
#23  
 Nitrobenzene-d5  
 Concen: 90.955 ng  
 RT: 7.58 min Scan# 891  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion: 82 Resp: 1667721  
 Ion Ratio Lower Upper  
 82 100  
 128 42.1 36.1 54.1  
 54 62.0 41.4 62.2

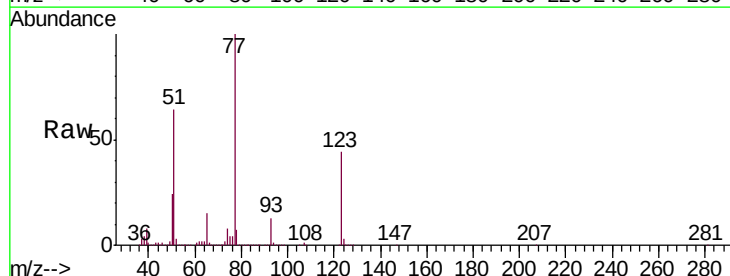


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

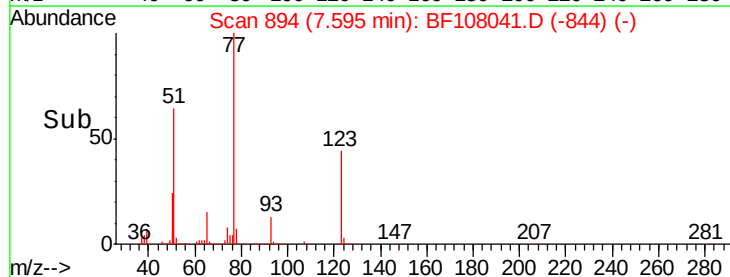
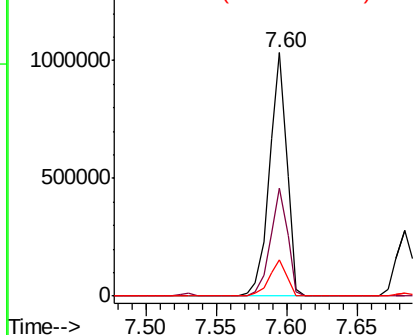


#24  
 Nitrobenzene  
 Concen: 48.473 ng  
 RT: 7.60 min Scan# 894  
 Delta R.T. -0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

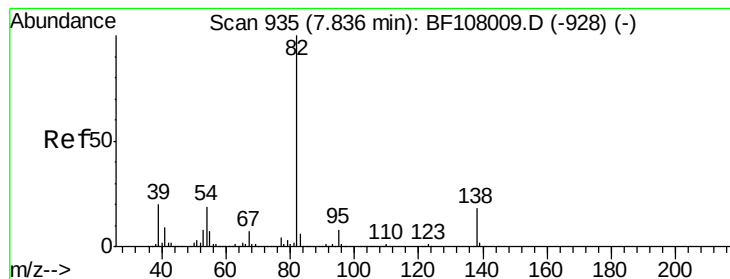
Tgt Ion: 77 Resp: 898750  
 Ion Ratio Lower Upper  
 77 100  
 123 44.2 37.9 56.9  
 65 15.0 11.0 16.4



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: 46.559 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

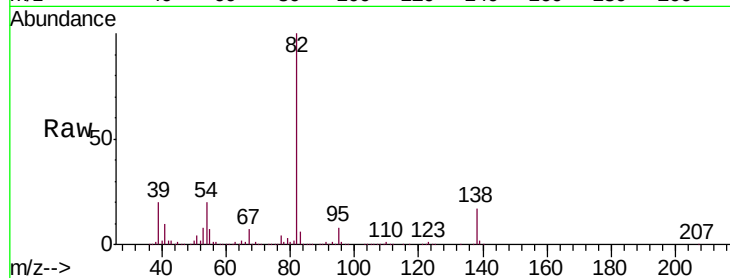
Tgt Ion: 82 Resp: 1627163

Ion Ratio Lower Upper

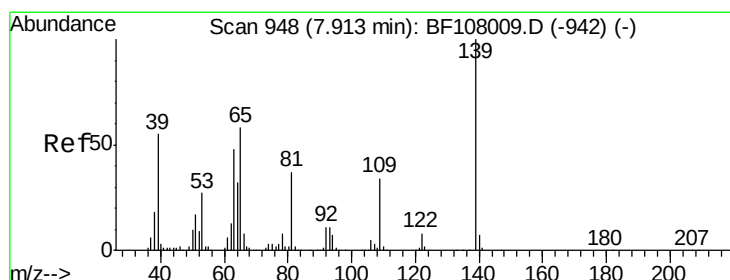
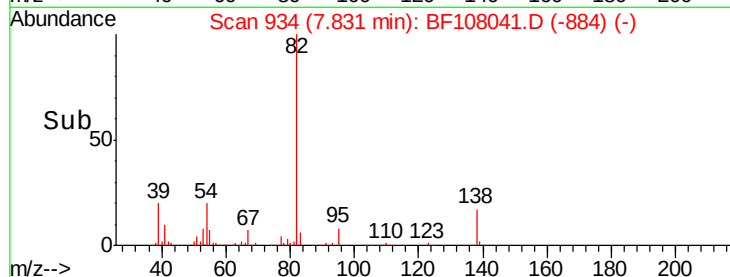
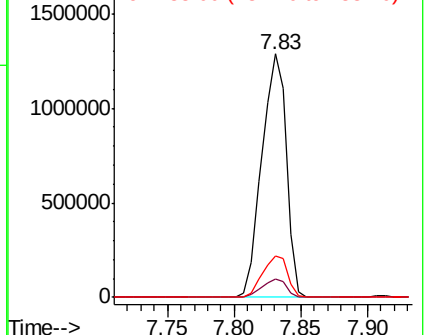
82 100

95 7.5 5.2 7.8

138 17.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.474 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

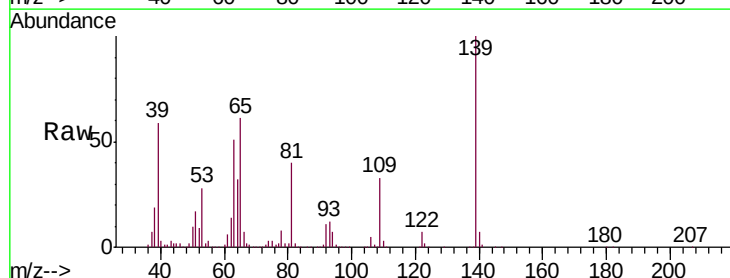
Tgt Ion: 139 Resp: 381428

Ion Ratio Lower Upper

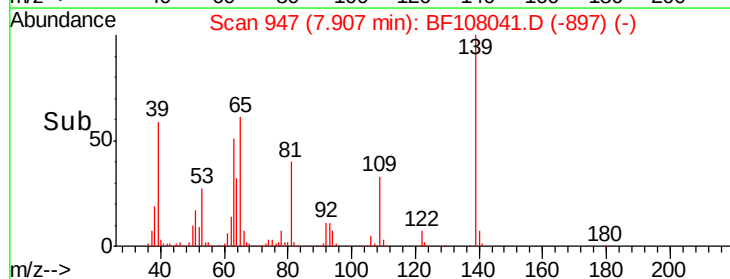
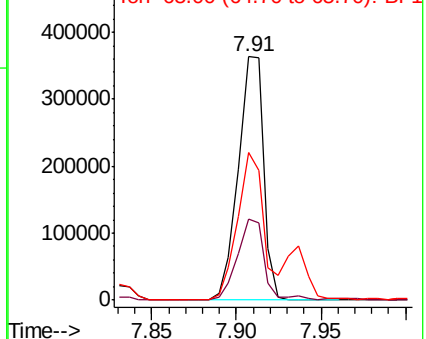
139 100

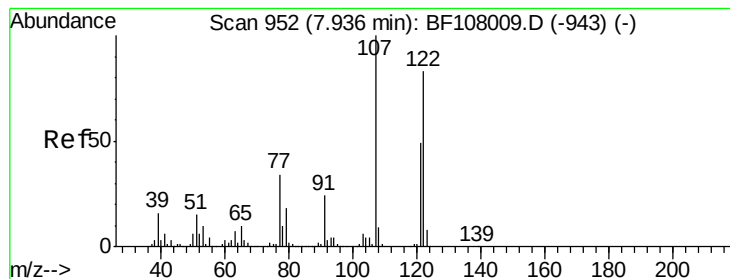
109 33.1 22.7 34.1

65 60.7 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 49.343 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

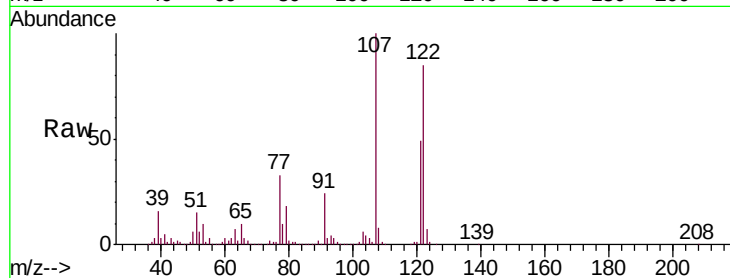
Tgt Ion:122 Resp: 765363

Ion Ratio Lower Upper

122 100

107 118.3 91.2 136.8

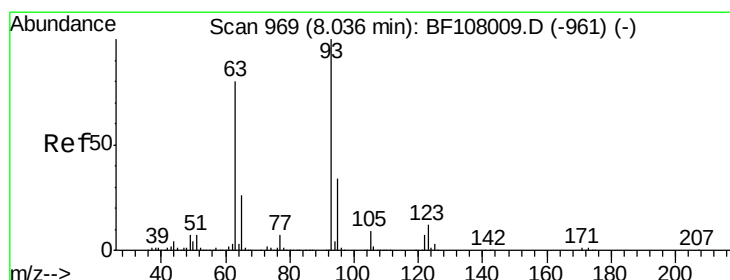
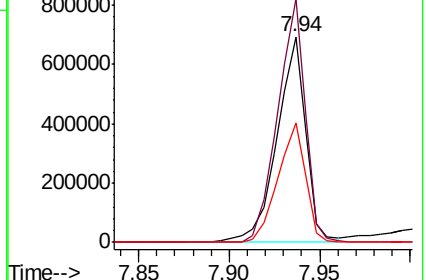
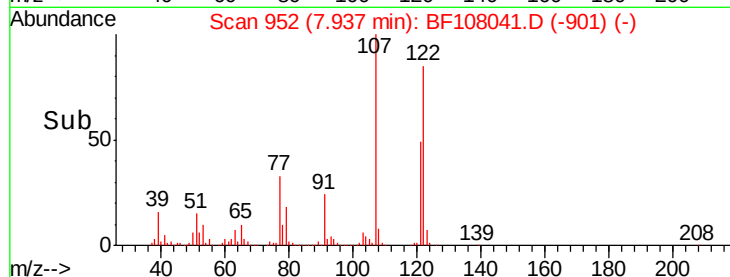
121 58.2 47.2 70.8



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: 47.287 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

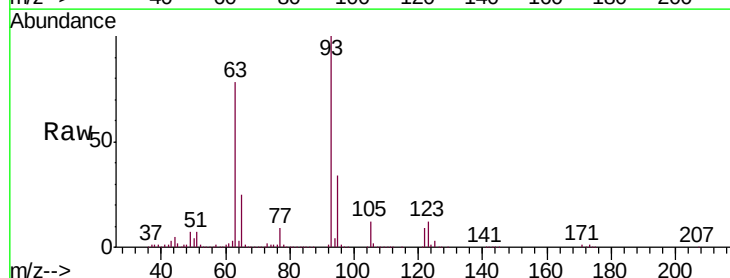
Tgt Ion: 93 Resp: 964754

Ion Ratio Lower Upper

93 100

95 33.7 26.3 39.5

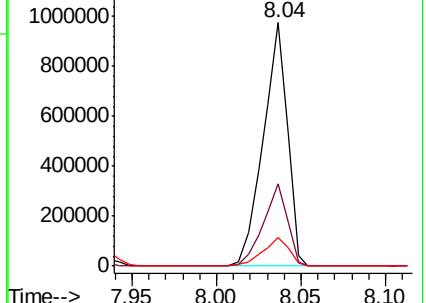
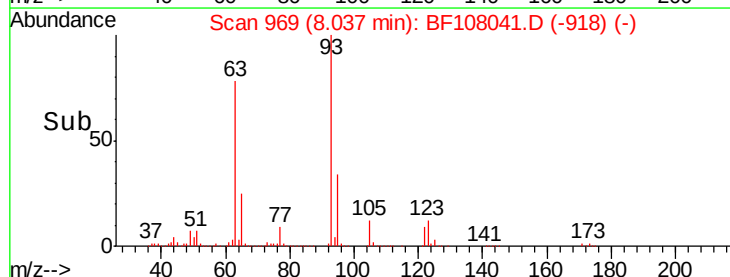
123 11.8 9.8 14.6

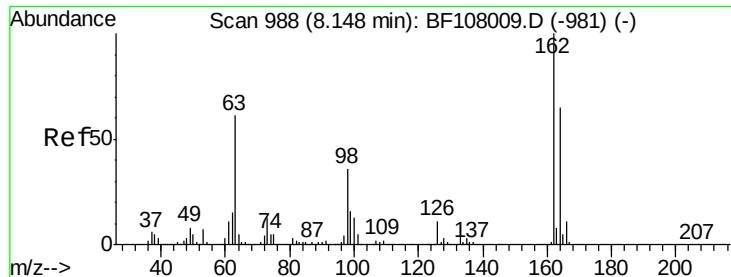


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

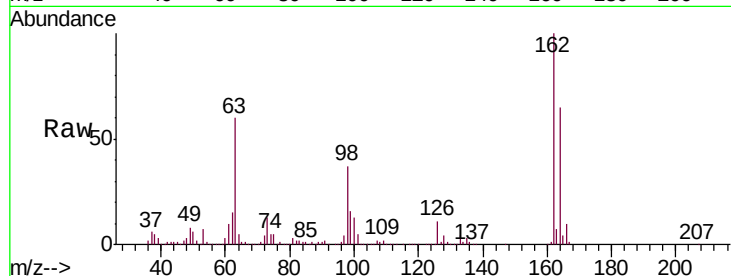




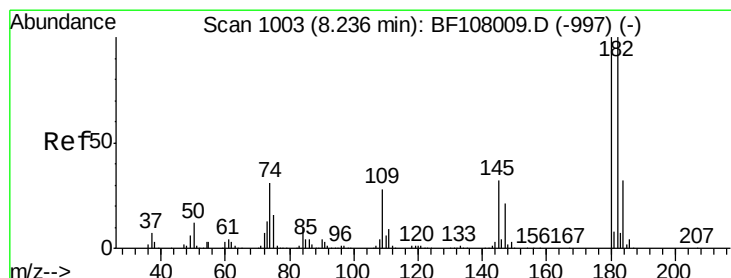
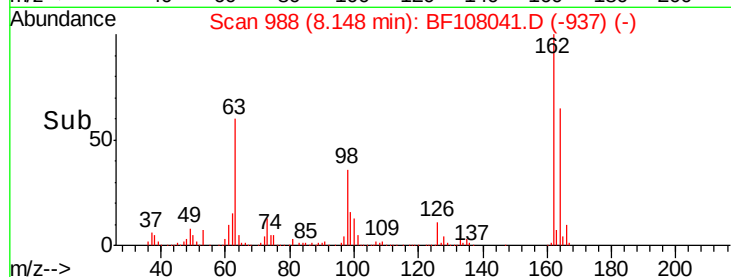
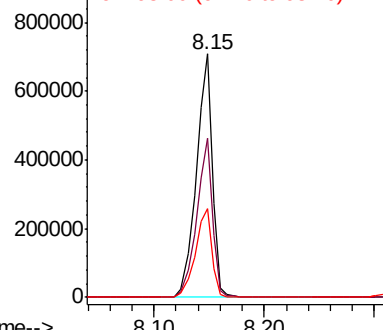
#29  
2,4-Dichlorophenol  
Concen: 50.389 ng  
RT: 8.15 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.3  | 42.7  | 82.7  |
| 98      | 36.6  | 18.1  | 58.1  |

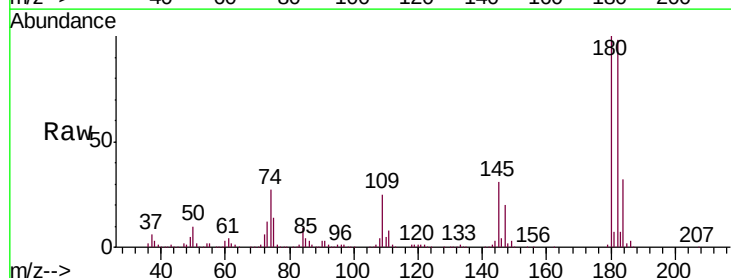


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF1

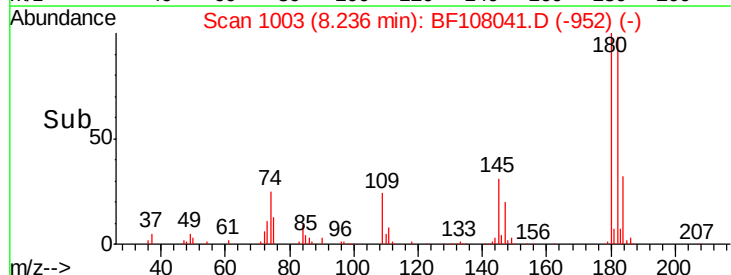
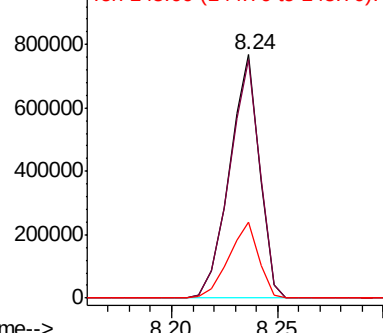


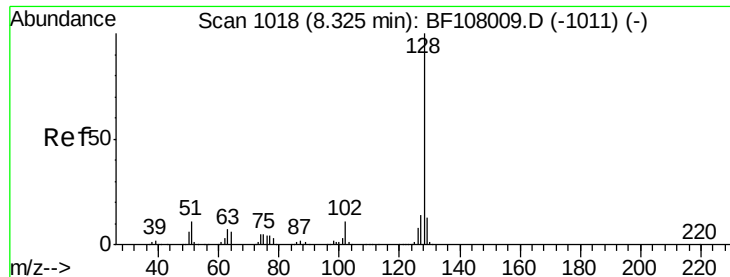
#30  
1,2,4-Trichlorobenzene  
Concen: 47.959 ng  
RT: 8.24 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.9  | 76.8  | 115.2 |
| 145     | 31.2  | 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

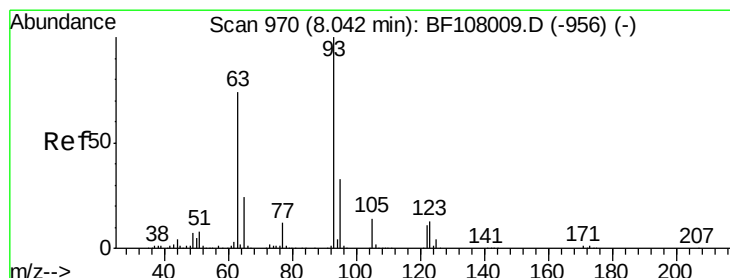
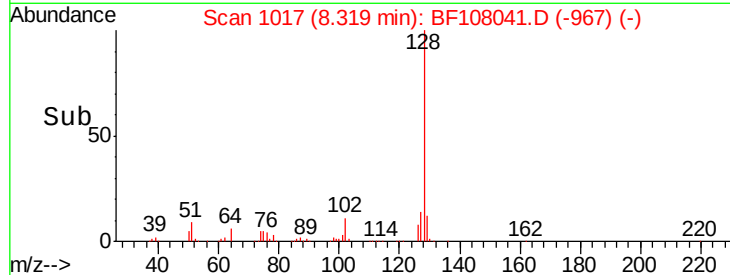
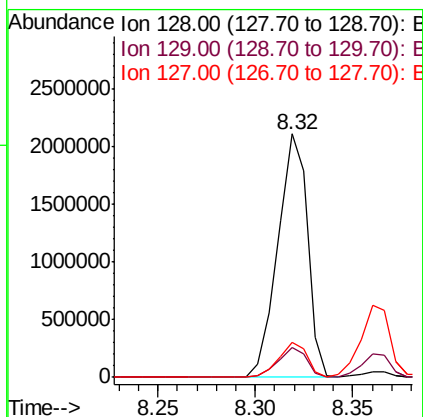
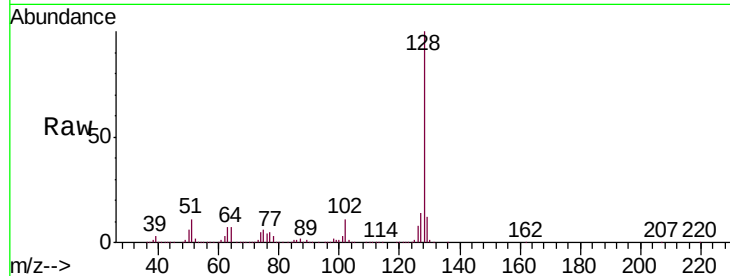




#31  
Naphthalene  
Concen: 47.682 ng  
RT: 8.32 min Scan# 1017  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

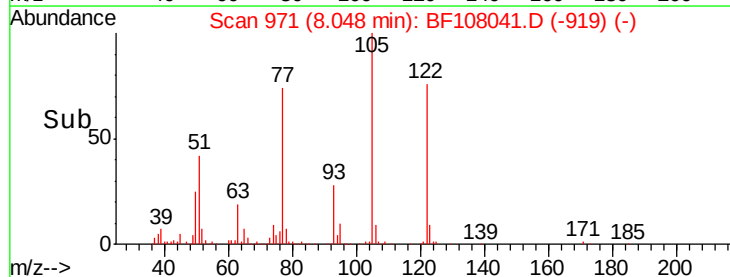
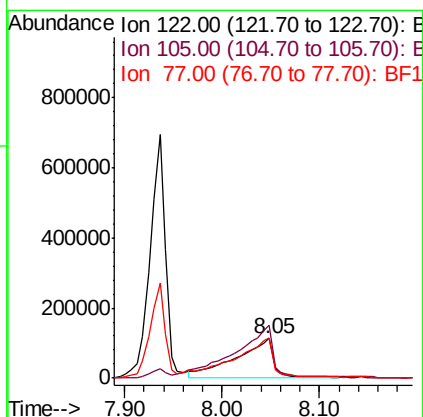
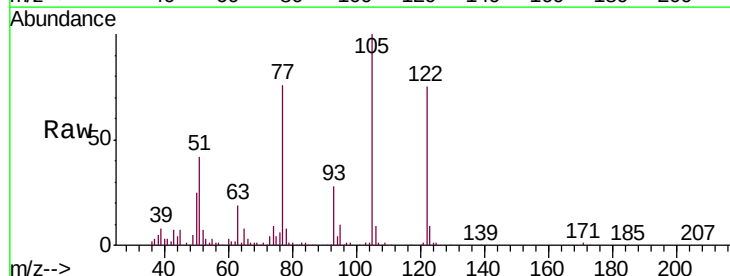
Instrument :  
BNA\_G  
ClientSampled :

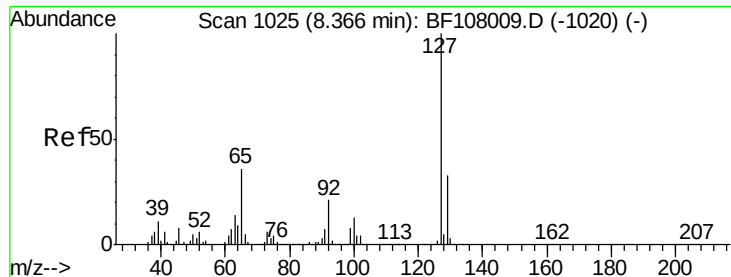
Tgt Ion:128 Resp: 2218693  
Ion Ratio Lower Upper  
128 100  
129 12.1 8.8 13.2  
127 14.5 10.9 16.3



#32  
Benzoic acid  
Concen: 35.139 ng  
RT: 8.05 min Scan# 971  
Delta R.T. 0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion:122 Resp: 299827  
Ion Ratio Lower Upper  
122 100  
105 132.5 101.1 141.1  
77 100.2 70.7 110.7

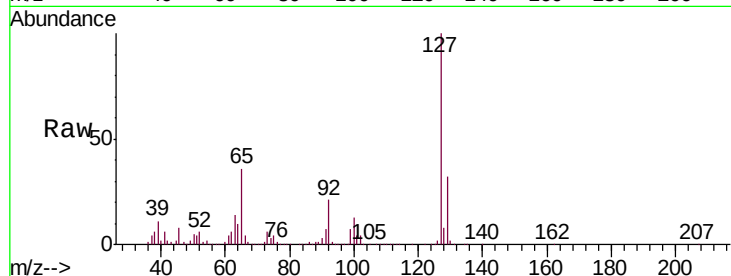




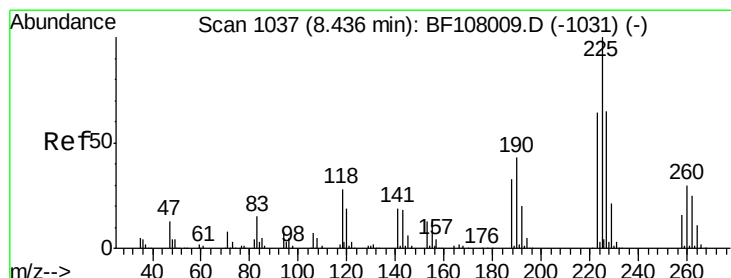
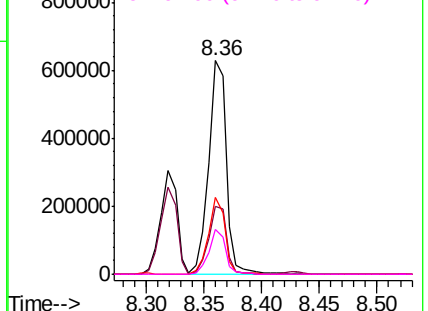
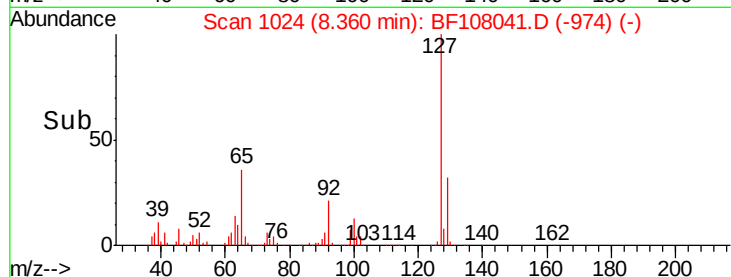
#33  
4-Chloroaniline  
Concen: 33.002 ng  
RT: 8.36 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Instrument :  
BNA\_G  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 669215 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.1  | 25.9  | 38.9   |
| 65       | 35.7  | 25.0  | 37.4   |
| 92       | 20.8  | 15.2  | 22.8   |

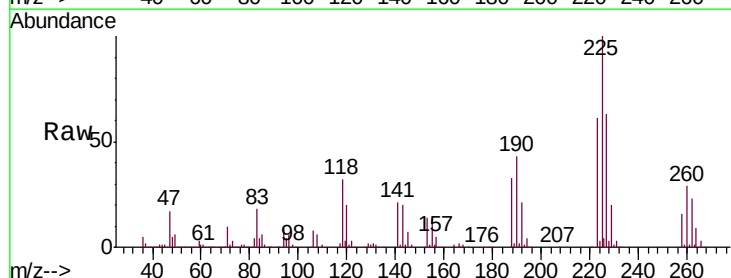


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

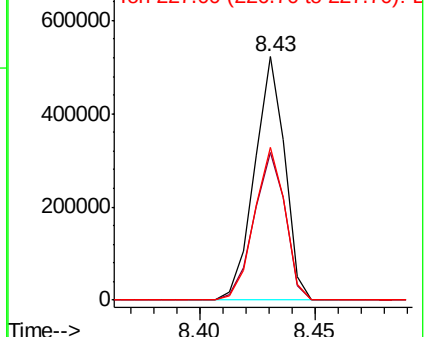
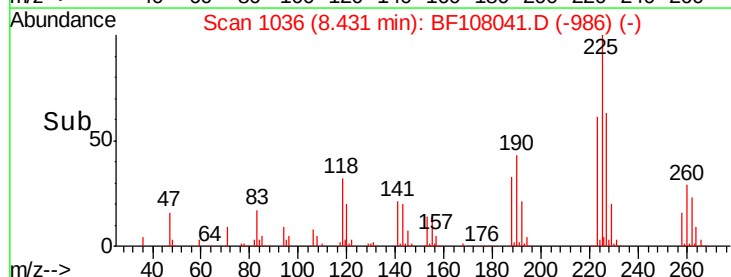


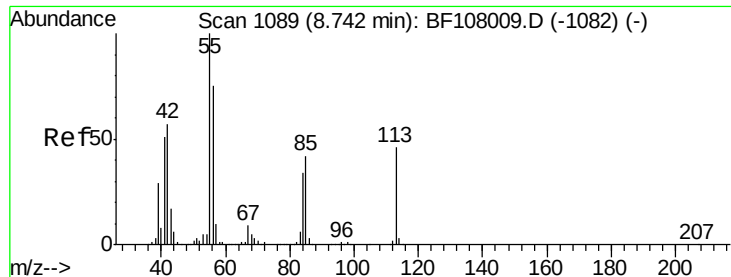
#34  
Hexachlorobutadiene  
Concen: 47.960 ng  
RT: 8.43 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 477829 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.7  | 50.6  | 76.0   |
| 227      | 62.9  | 51.9  | 77.9   |



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





#35

Caprolactam

Concen: 28.793 ng

RT: 8.74 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

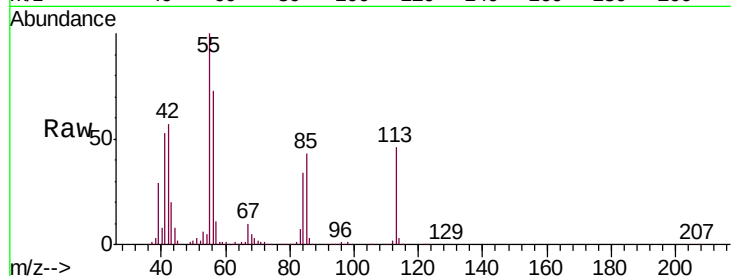
Tgt Ion:113 Resp: 128798

Ion Ratio Lower Upper

113 100

55 219.6 163.3 203.3#

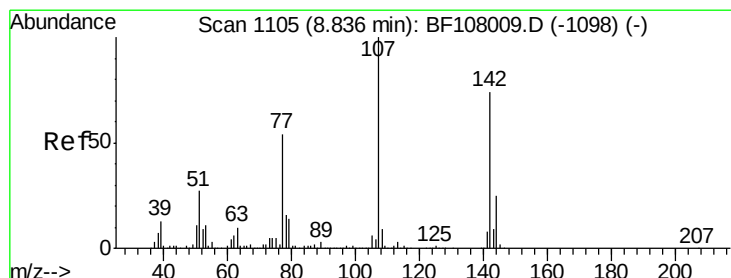
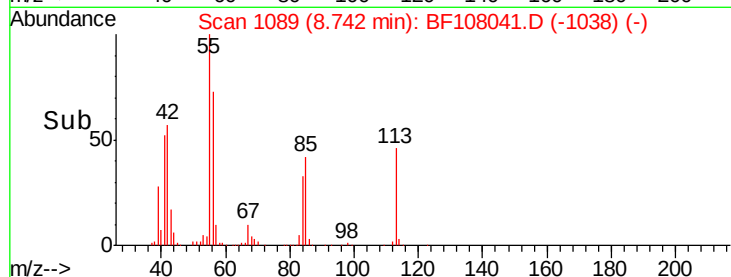
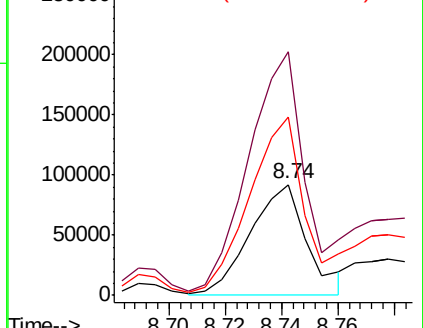
56 160.9 115.7 155.7#



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: 50.107 ng

RT: 8.84 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

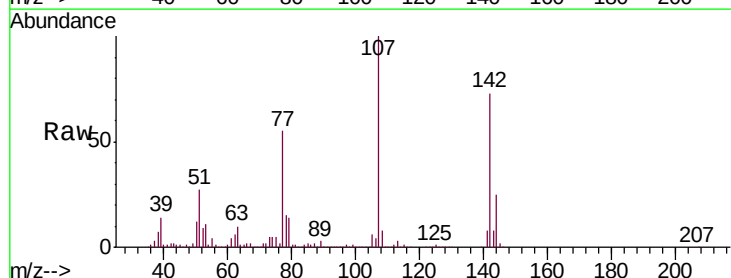
Tgt Ion:107 Resp: 771600

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

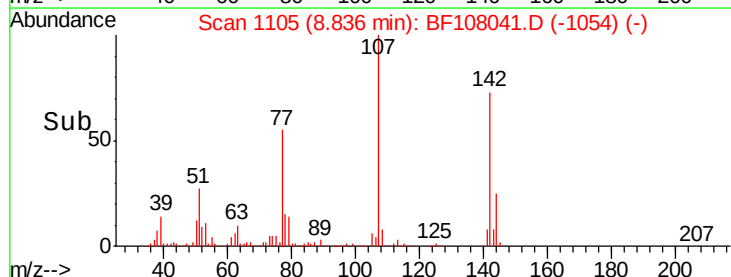
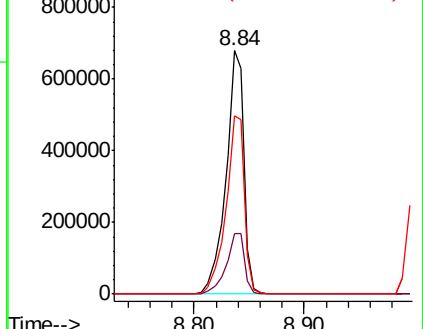
142 73.1 62.0 93.0

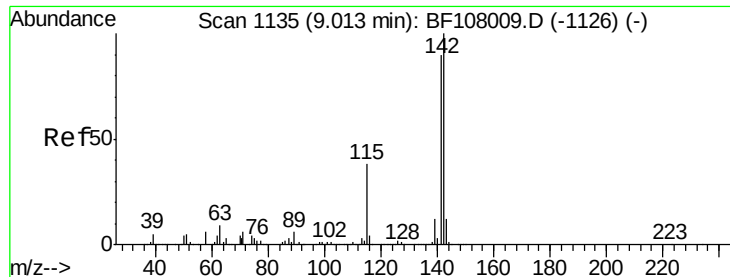


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

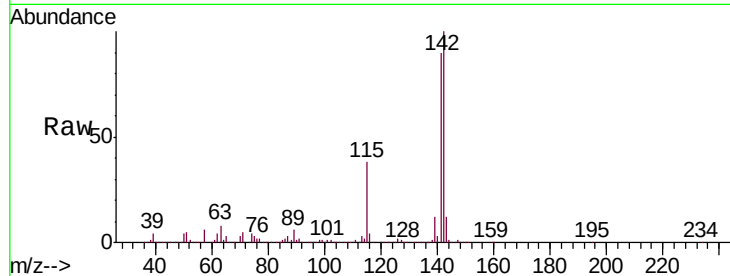




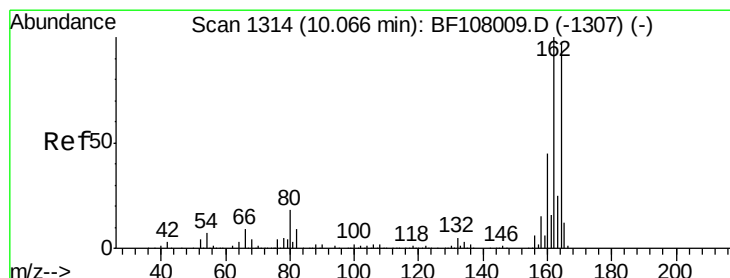
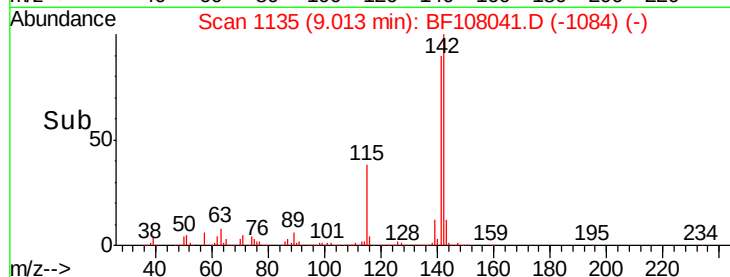
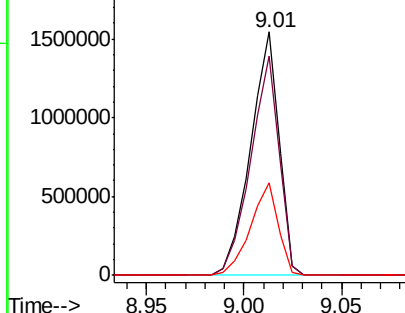
#37  
 2-Methylnaphthalene  
 Concen: 47.449 ng  
 RT: 9.01 min Scan# 1135  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:142 Resp: 1562079  
 Ion Ratio Lower Upper  
 142 100  
 141 90.2 70.8 106.2  
 115 38.1 26.1 39.1

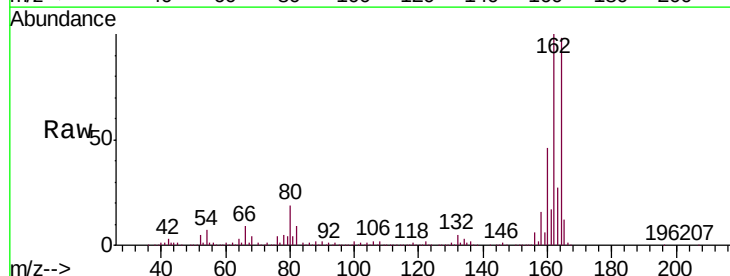


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

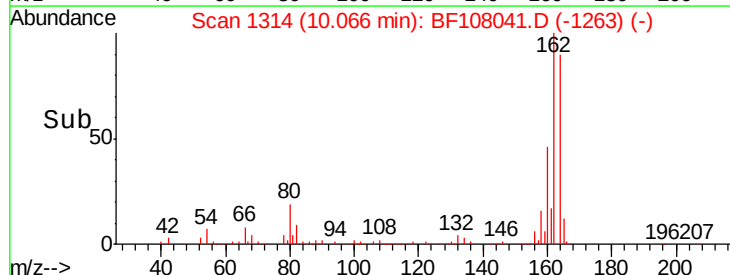
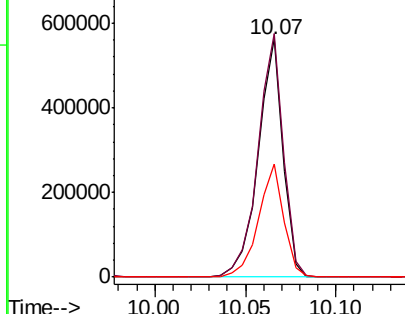


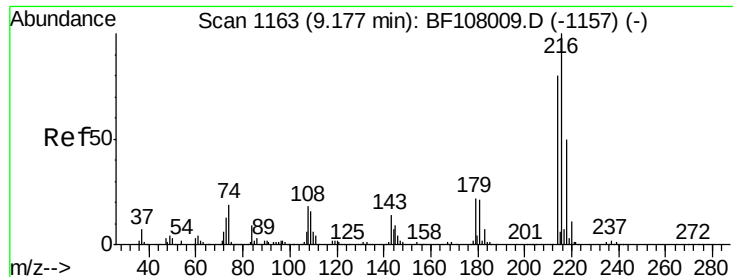
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.07 min Scan# 1314  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:164 Resp: 536390  
 Ion Ratio Lower Upper  
 164 100  
 162 102.3 86.1 129.1  
 160 47.3 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

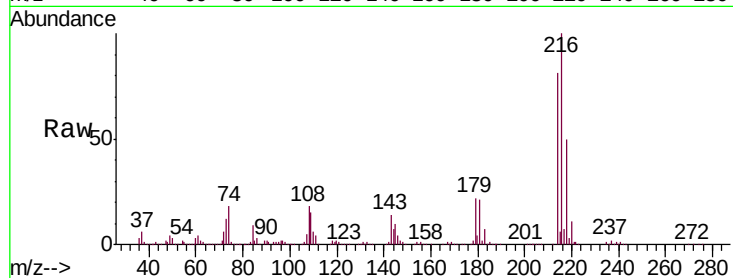




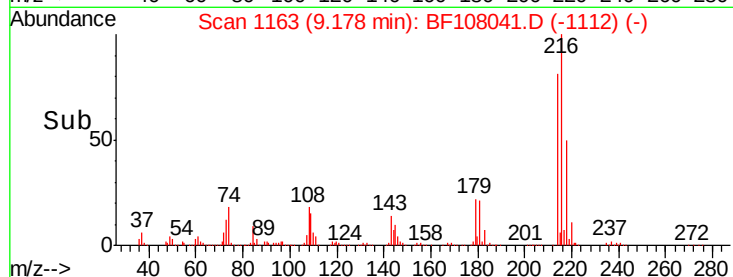
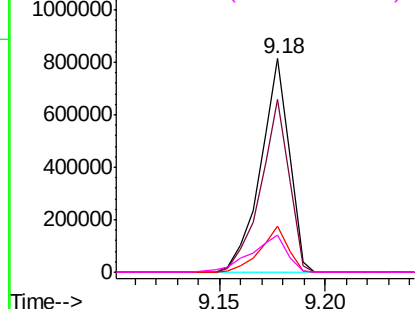
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.672 ng  
 RT: 9.18 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 768780 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.1  | 63.0  | 94.4   |
| 179      | 21.1  | 18.1  | 27.1   |
| 108      | 21.5  | 17.2  | 25.8   |

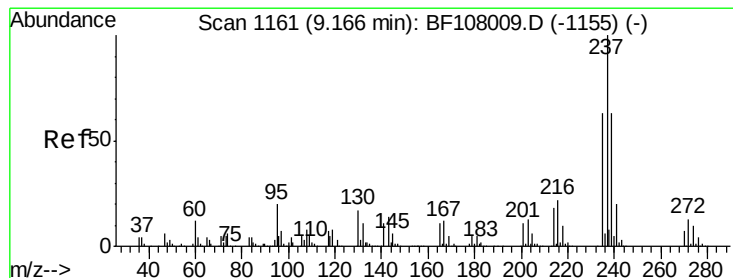


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

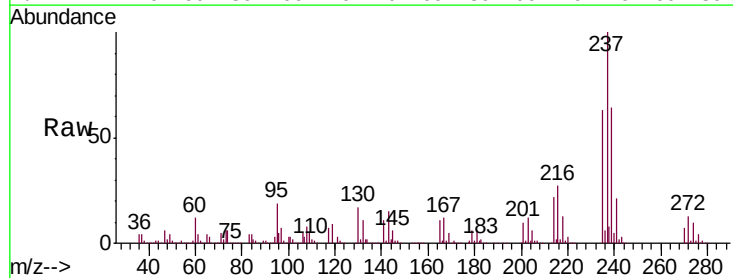
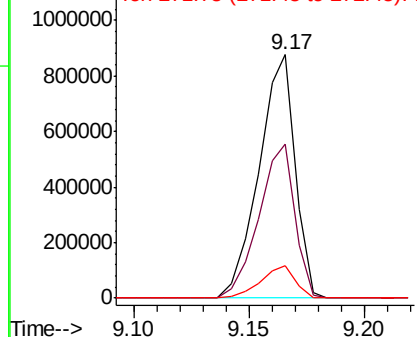


#40  
 Hexachlorocyclopentadiene  
 Concen: 89.681 ng  
 RT: 9.17 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

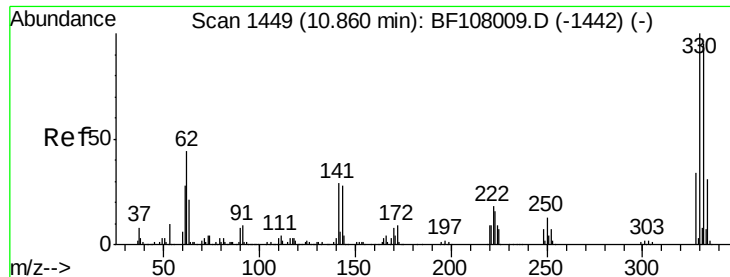
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 954150 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.4  | 44.8  | 84.8   |
| 272      | 13.4  | 0.0   | 33.3   |



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



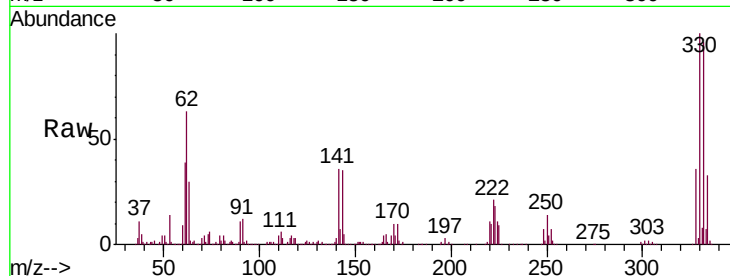




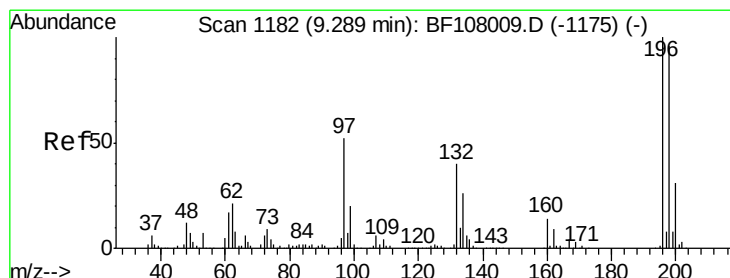
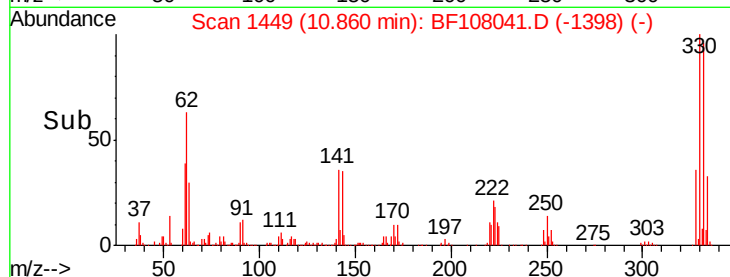
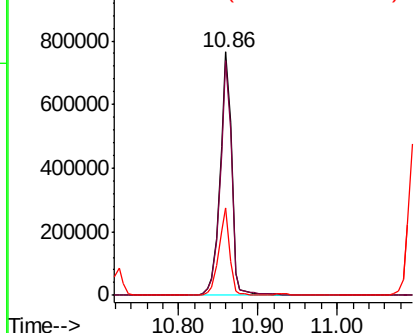
#41  
 2,4,6-Tribromophenol  
 Concen: 145.126 ng  
 RT: 10.86 min Scan# 1449  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:330 Resp: 776477  
 Ion Ratio Lower Upper  
 330 100  
 332 95.5 77.0 115.6  
 141 34.0 29.9 44.9

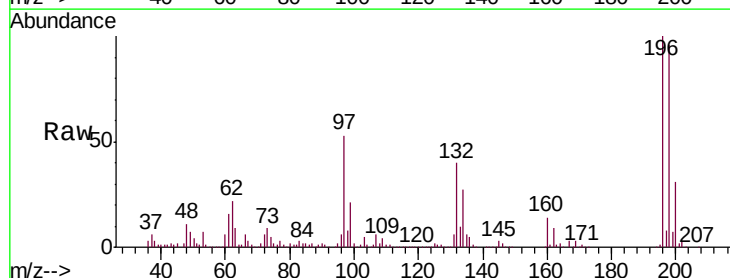


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

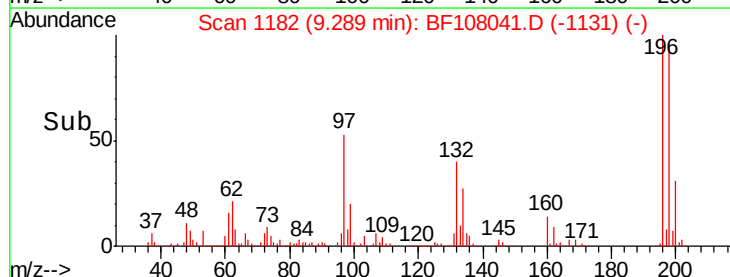
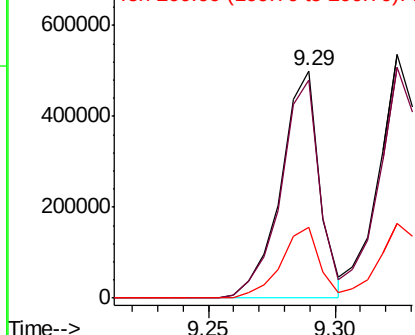


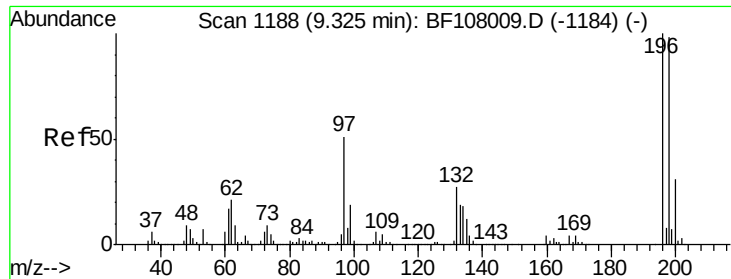
#42  
 2,4,6-Trichlorophenol  
 Concen: 51.741 ng  
 RT: 9.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:196 Resp: 528877  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 75.7 113.5  
 200 31.4 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

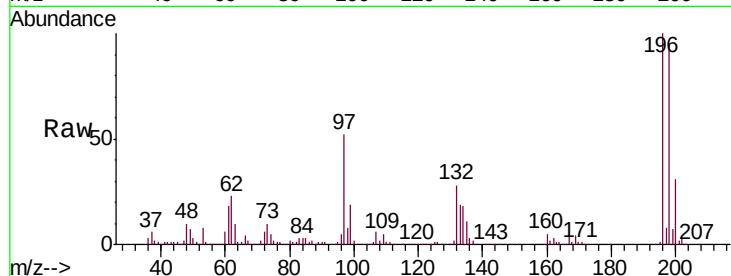




#43  
 2,4,5-Trichlorophenol  
 Concen: 52.103 ng  
 RT: 9.32 min Scan# 1188  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampled :

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 196     | 586279 |       |       |
| 198     | 95.0   | 74.6  | 112.0 |
| 97      | 51.8   | 42.9  | 64.3  |
| 132     | 28.0   | 26.3  | 39.5  |



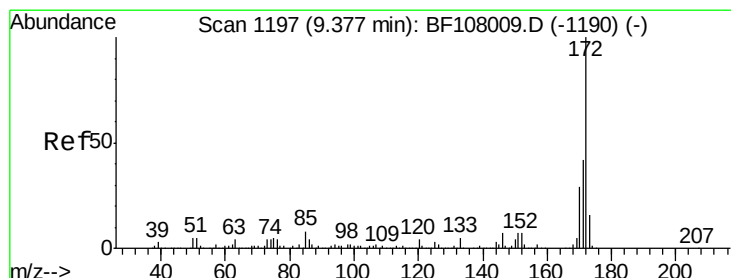
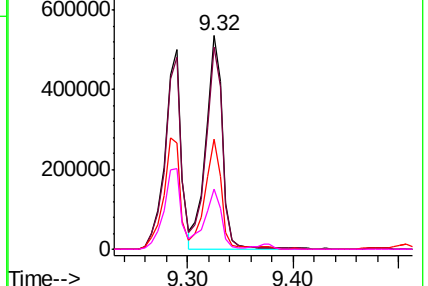
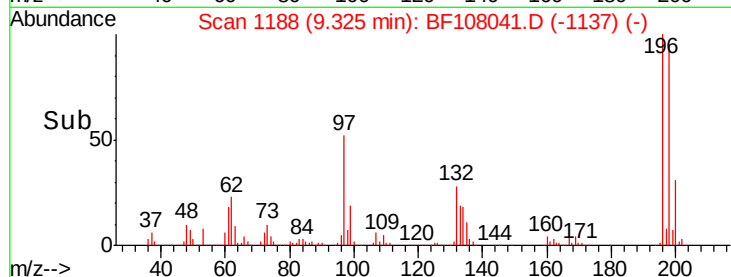
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

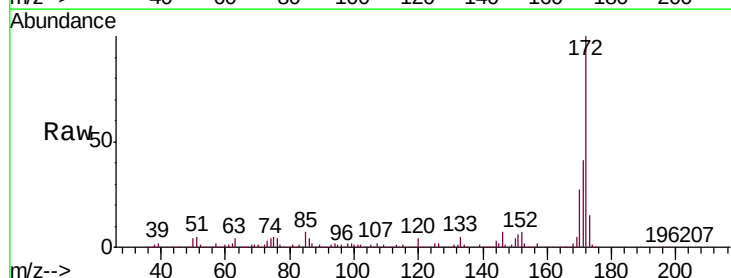
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 89.956 ng  
 RT: 9.38 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

| Tgt Ion | Resp    | Lower | Upper |
|---------|---------|-------|-------|
| 172     | 3005450 |       |       |
| 171     | 40.5    | 29.7  | 44.5  |
| 170     | 27.5    | 19.6  | 29.4  |

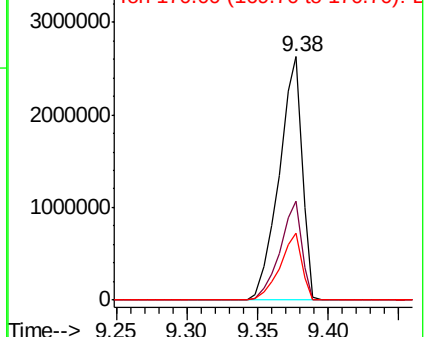
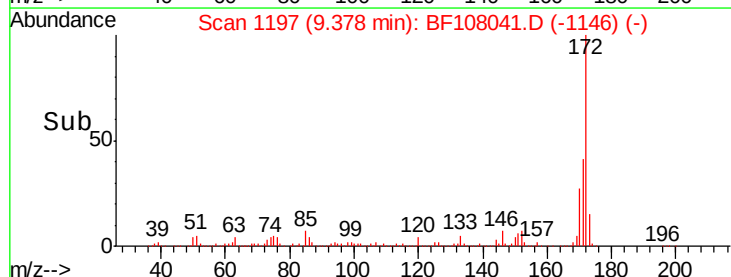


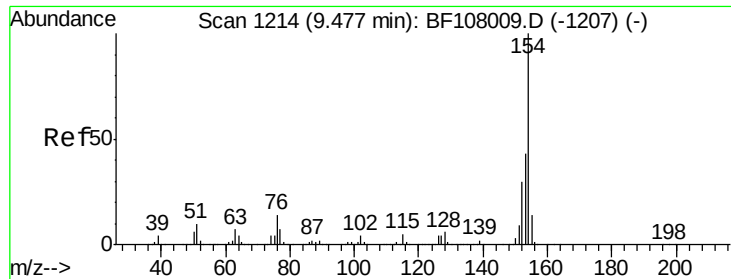
Abundance

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

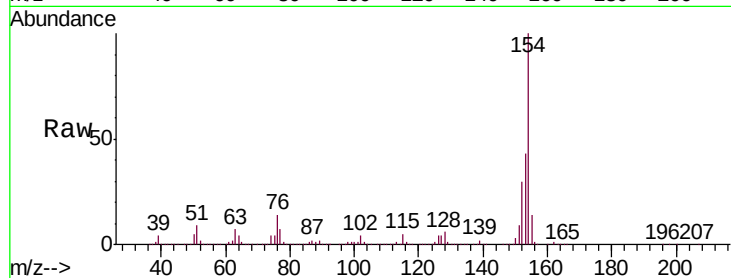




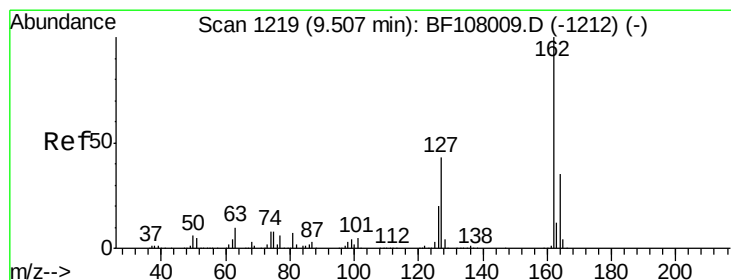
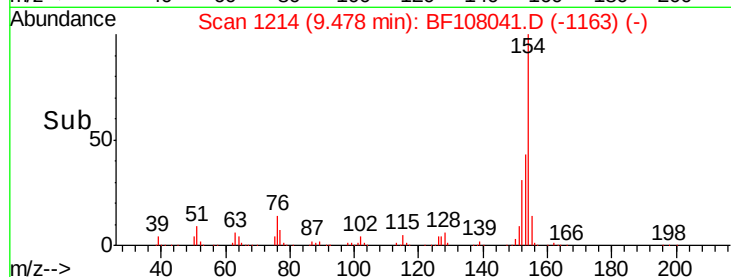
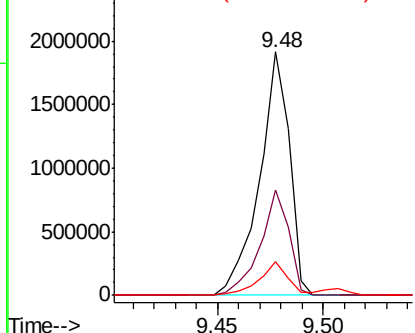
#45  
 1,1'-Biphenyl  
 Concen: 47.623 ng  
 RT: 9.48 min Scan# 1214  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:154 Resp: 1883392  
 Ion Ratio Lower Upper  
 154 100  
 153 43.3 21.3 61.3  
 76 13.7 0.0 34.0

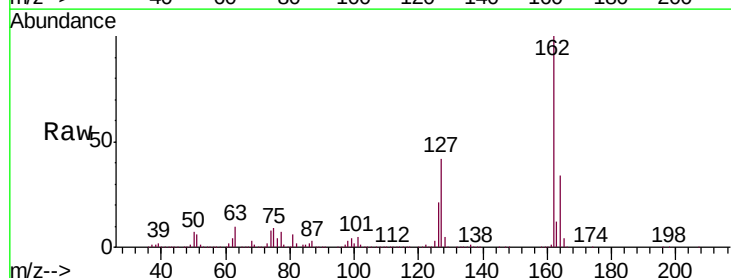


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

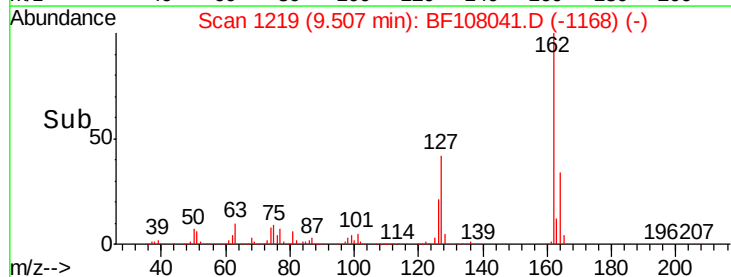
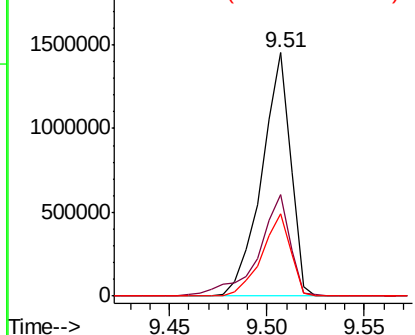


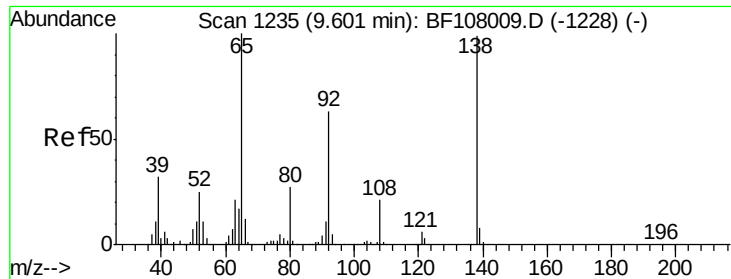
#46  
 2-Chloronaphthalene  
 Concen: 47.736 ng  
 RT: 9.51 min Scan# 1219  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:162 Resp: 1492085  
 Ion Ratio Lower Upper  
 162 100  
 127 41.9 33.9 50.9  
 164 34.0 26.5 39.7



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





#47

2-Nitroaniline

Concen: 52.777 ng

RT: 9.60 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

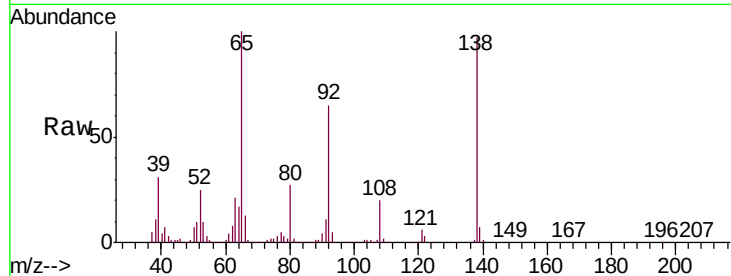
Tgt Ion: 65 Resp: 533774

Ion Ratio Lower Upper

65 100

92 64.9 55.8 83.6

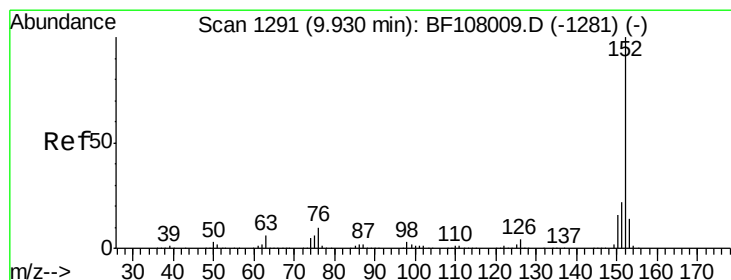
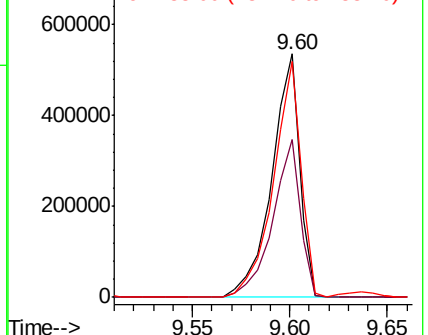
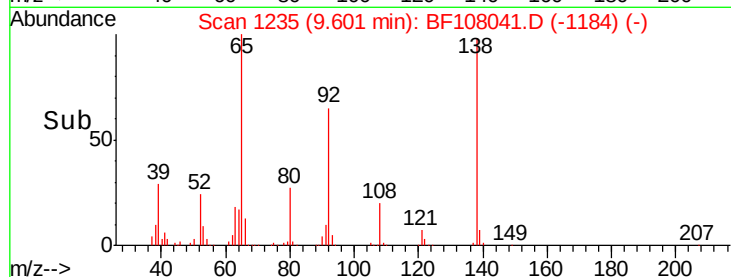
138 97.0 91.2 136.8



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: 47.357 ng

RT: 9.92 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

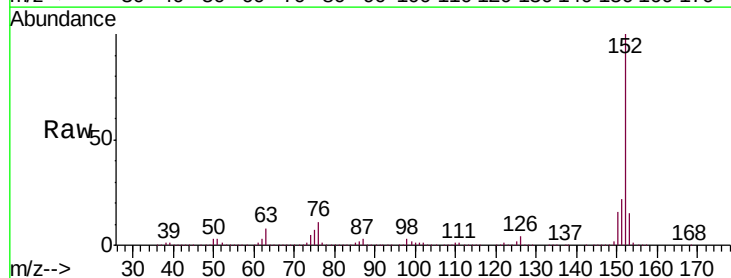
Tgt Ion: 152 Resp: 2340153

Ion Ratio Lower Upper

152 100

151 22.4 16.3 24.5

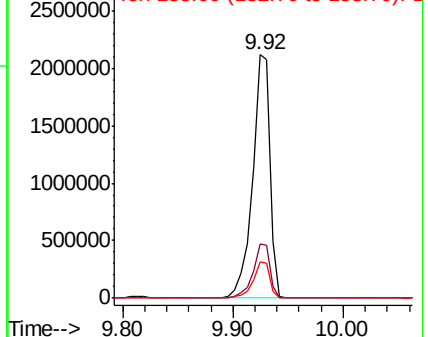
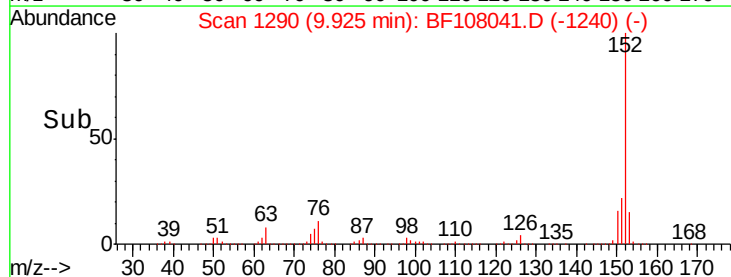
153 14.7 10.7 16.1

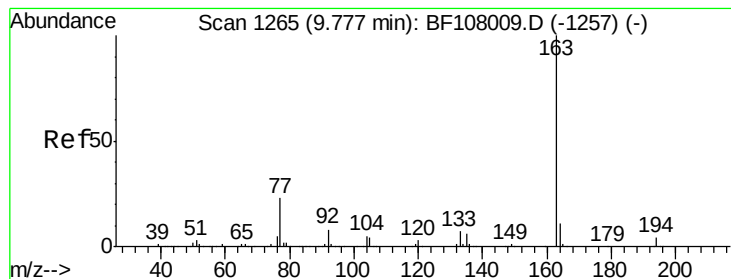


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 48.248 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

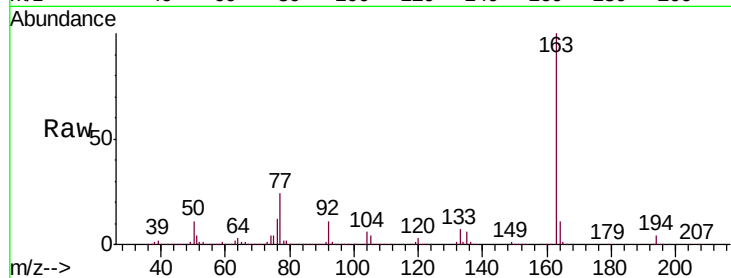
Tgt Ion:163 Resp: 1802747

Ion Ratio Lower Upper

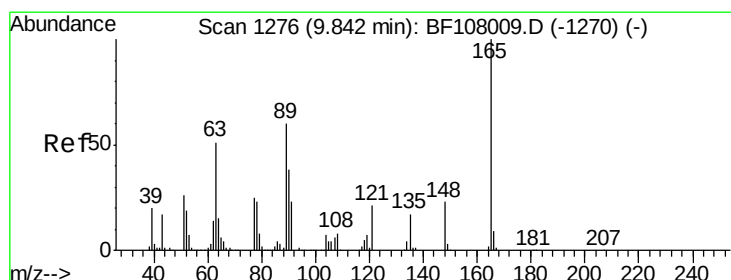
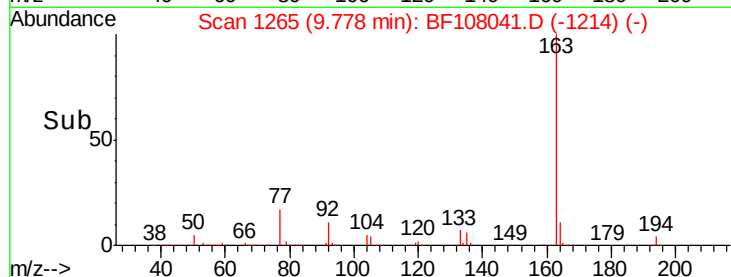
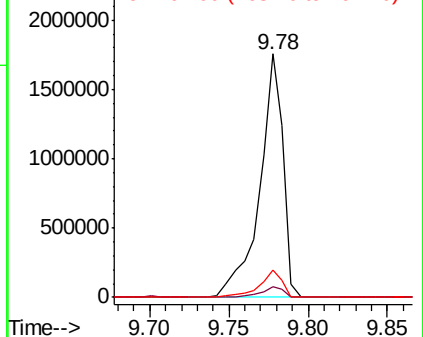
163 100

194 4.3 2.7 4.1#

164 11.3 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: 51.812 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

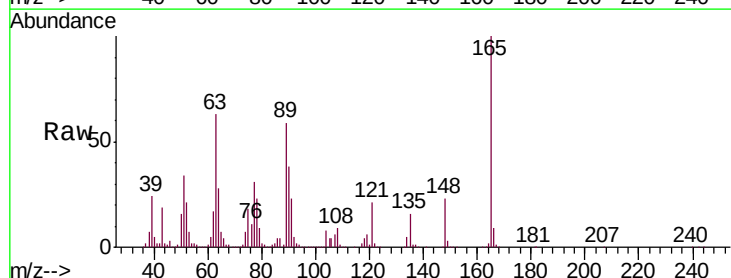
Tgt Ion:165 Resp: 405028

Ion Ratio Lower Upper

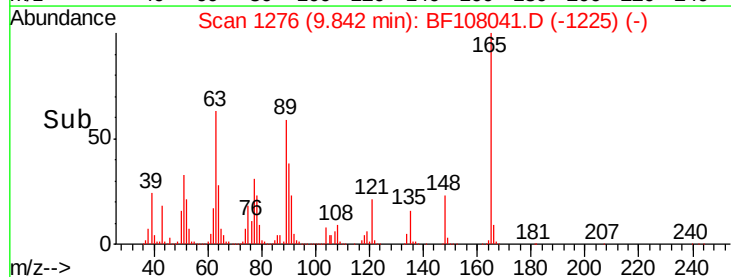
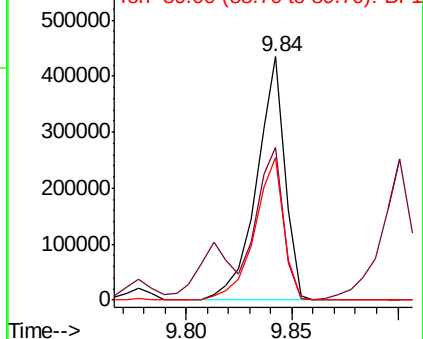
165 100

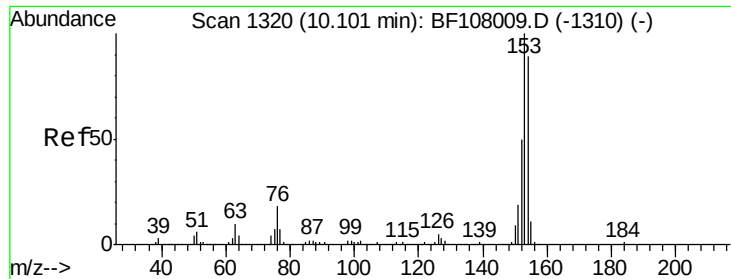
63 62.5 44.7 67.1

89 58.6 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: 50.641 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

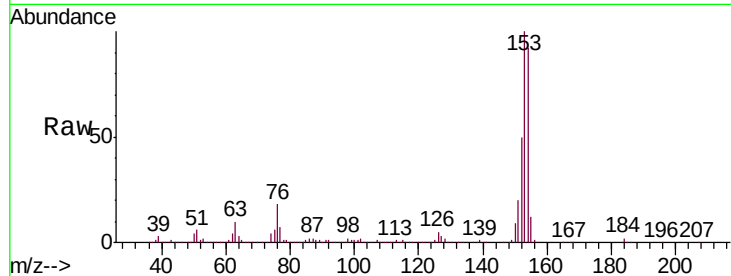
Tgt Ion:154 Resp: 1532723

Ion Ratio Lower Upper

154 100

153 108.2 91.2 136.8

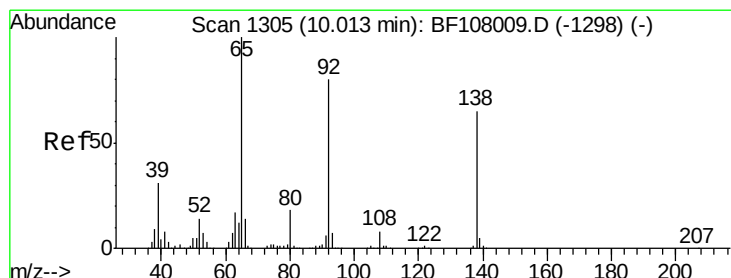
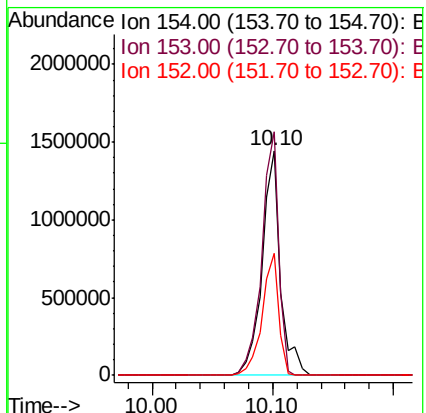
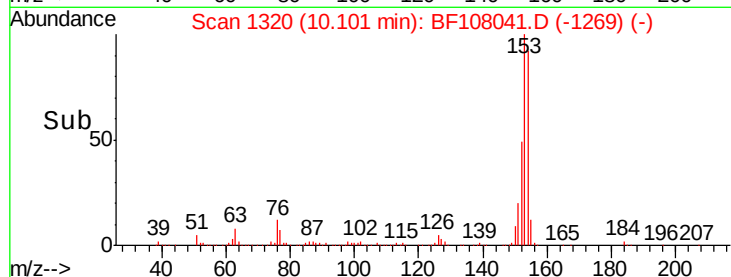
152 54.0 43.8 65.8



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: 41.433 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

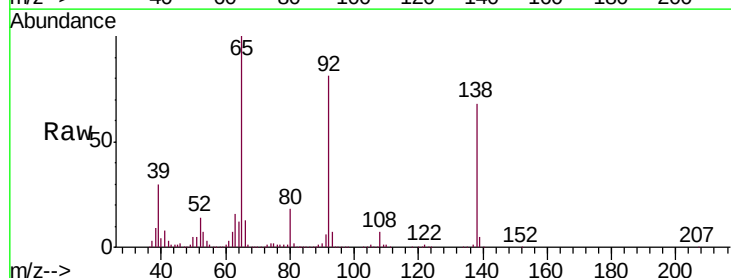
Tgt Ion:138 Resp: 354382

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

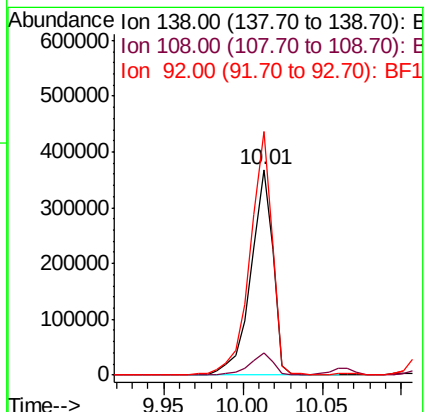
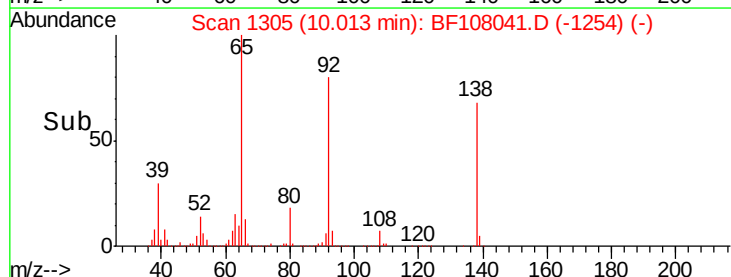
92 118.6 89.4 134.2

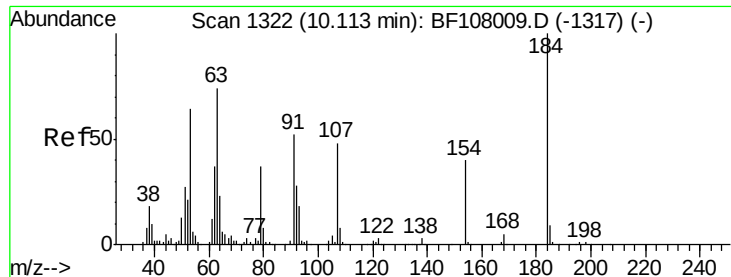


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

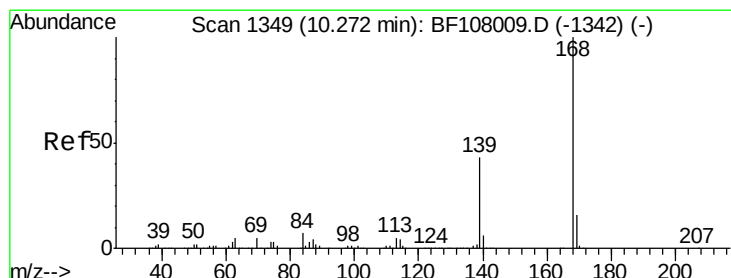
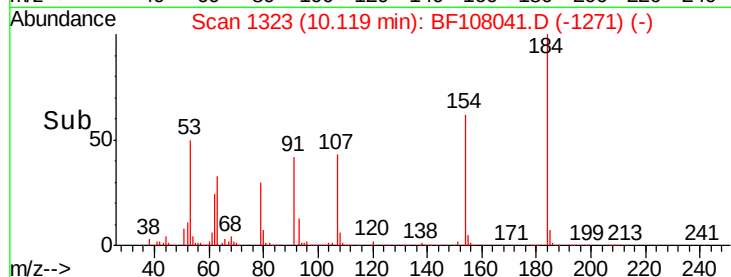
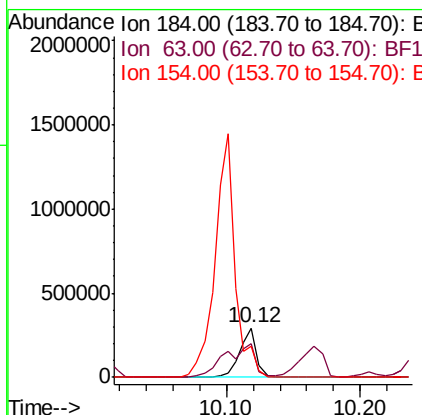
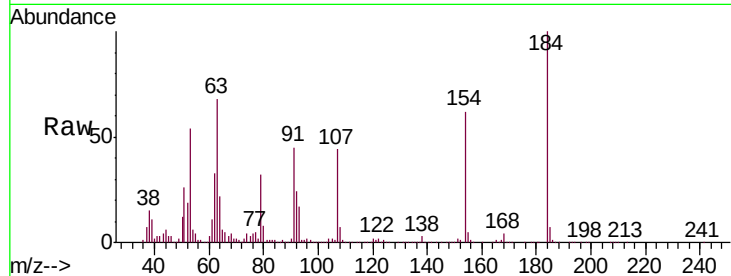




#53  
 2,4-Dinitrophenol  
 Concen: 85.883 ng  
 RT: 10.12 min Scan# 1323  
 Delta R.T. 0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

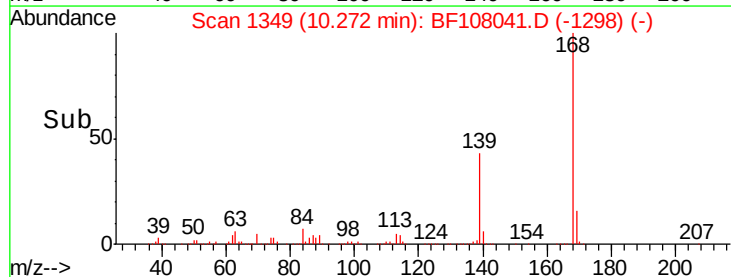
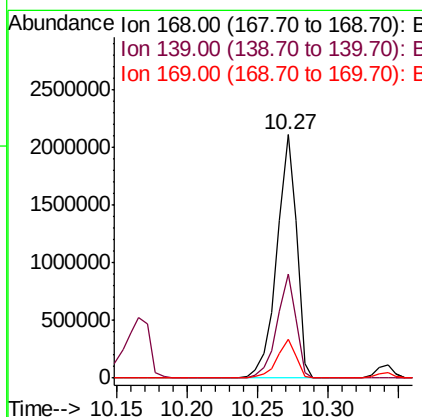
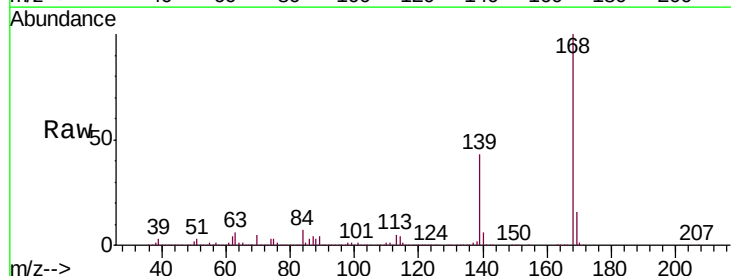
Instrument :  
 BNA\_G  
 ClientSampleId :

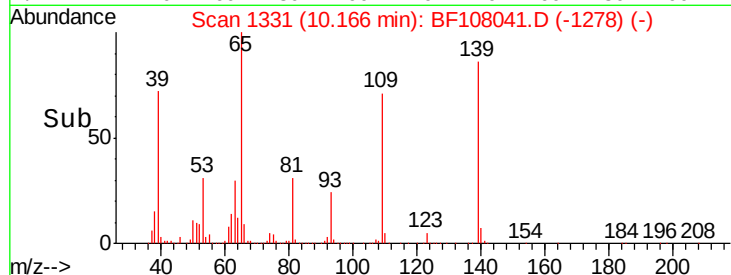
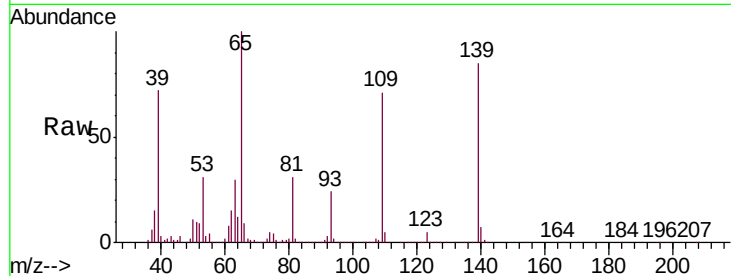
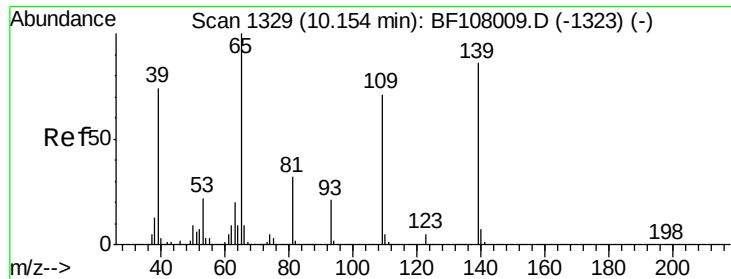
Tgt Ion:184 Resp: 252912  
 Ion Ratio Lower Upper  
 184 100  
 63 68.5 54.2 81.2  
 154 62.2 184.0 276.0#



#54  
 Dibenzofuran  
 Concen: 47.000 ng  
 RT: 10.27 min Scan# 1349  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:168 Resp: 2060958  
 Ion Ratio Lower Upper  
 168 100  
 139 42.6 30.1 45.1  
 169 16.1 10.9 16.3

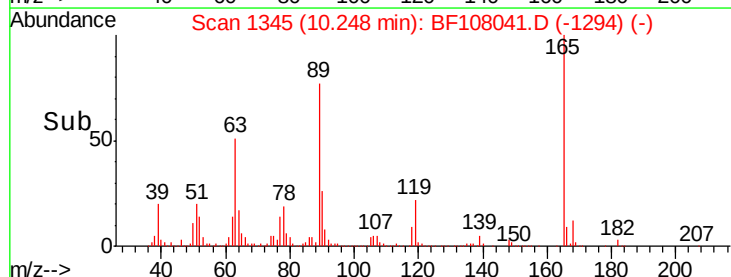
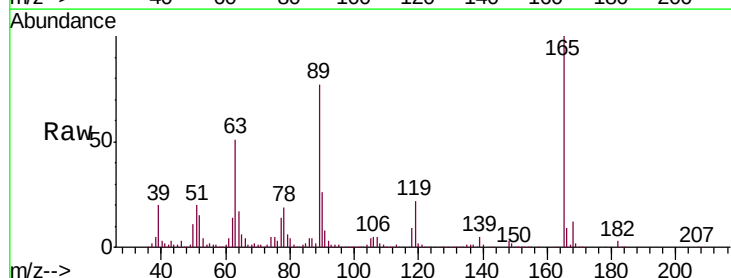
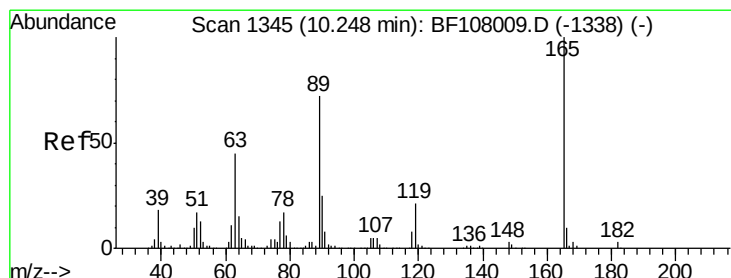
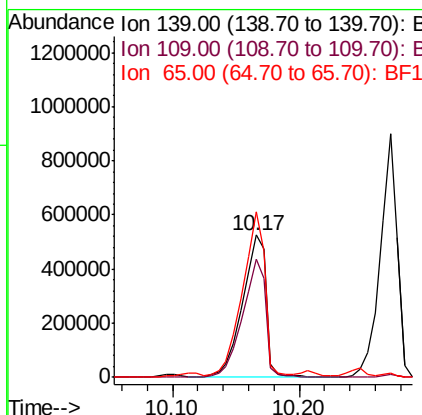




#55  
4-Nitrophenol  
Concen: 104.218 ng  
RT: 10.17 min Scan# 1331  
Delta R.T. 0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

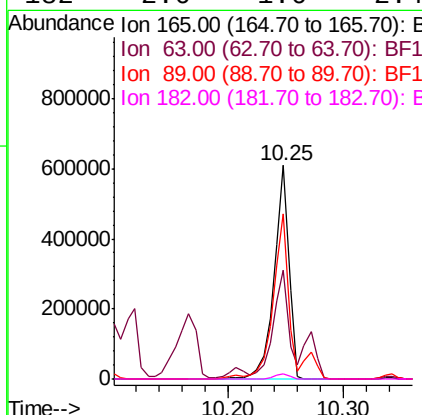
Instrument :  
BNA\_G  
ClientSampled :

Tgt Ion:139 Resp: 675001  
Ion Ratio Lower Upper  
139 100  
109 83.3 48.4 88.4  
65 117.0 72.6 112.6#

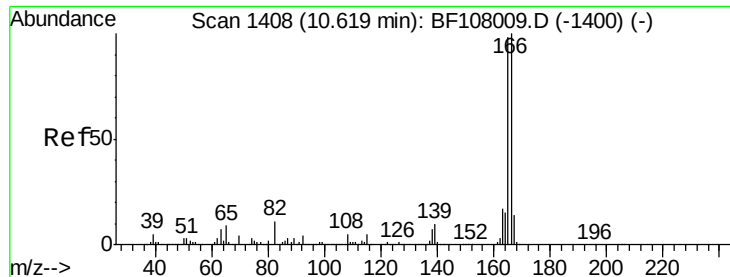


#56  
2,4-Dinitrotoluene  
Concen: 54.215 ng  
RT: 10.25 min Scan# 1345  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion:165 Resp: 545527  
Ion Ratio Lower Upper  
165 100  
63 50.7 36.4 54.6  
89 77.2 57.8 86.6  
182 2.6 1.6 2.4#







#57

Fluorene

Concen: 47.401 ng

RT: 10.62 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

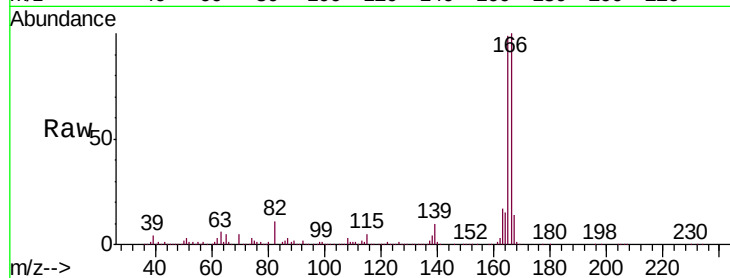
Tgt Ion:166 Resp: 1645403

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

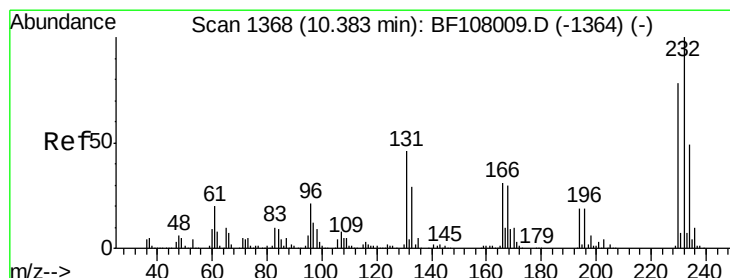
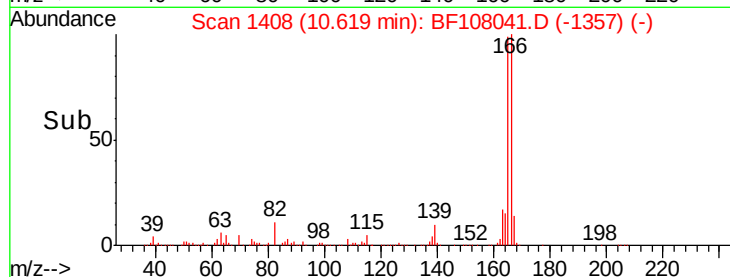
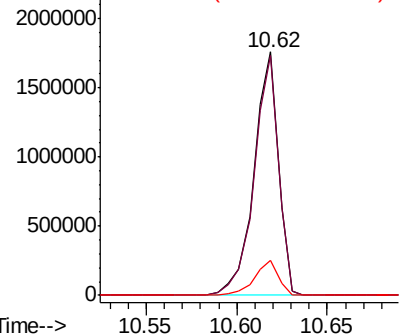
167 14.4 10.6 16.0



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: 52.480 ng

RT: 10.38 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion:232 Resp: 493569

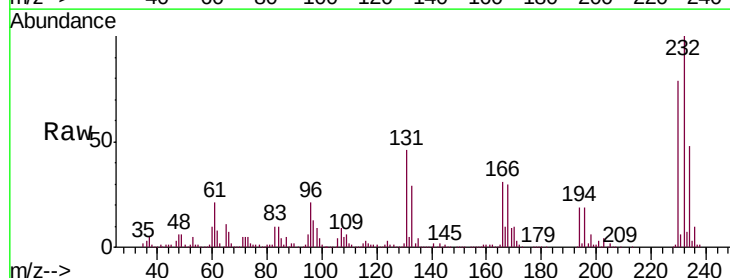
Ion Ratio Lower Upper

232 100

131 43.2 43.8 65.8#

130 2.3 2.1 3.1

166 29.9 27.8 41.6

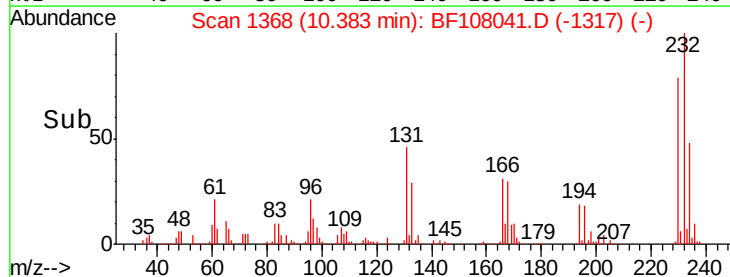
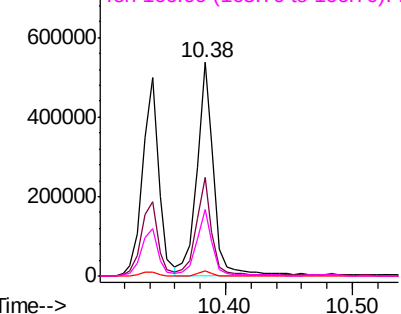


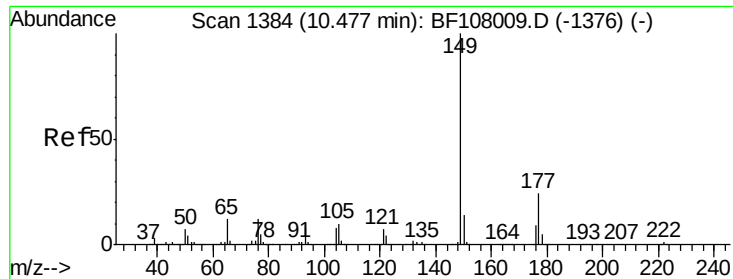
Abundance Ion 232.00 (231.70 to 232.70): E

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

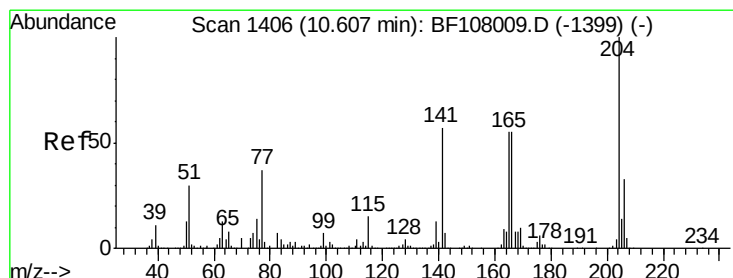
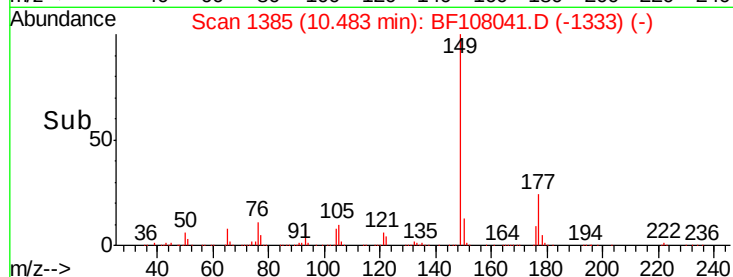
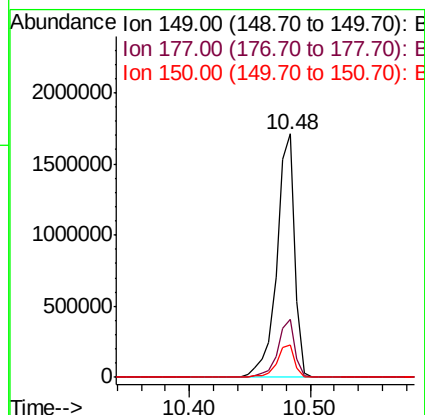
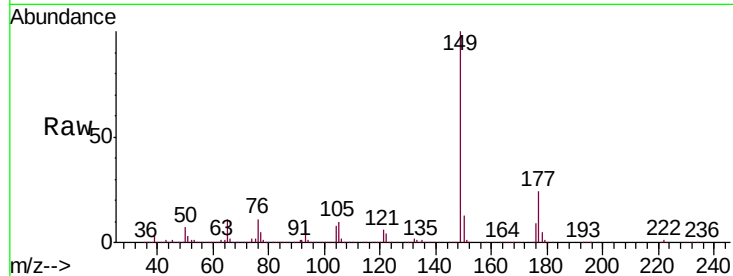




#59  
Diethylphthalate  
Concen: 48.540 ng  
RT: 10.48 min Scan# 1385  
Delta R.T. 0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

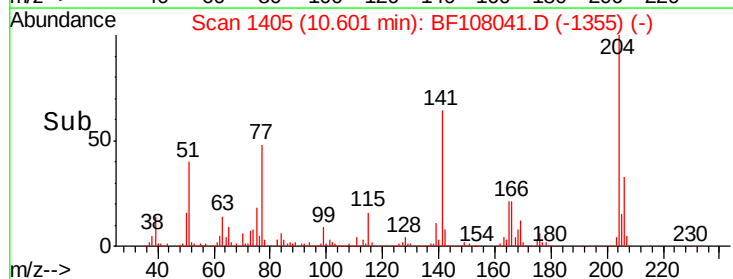
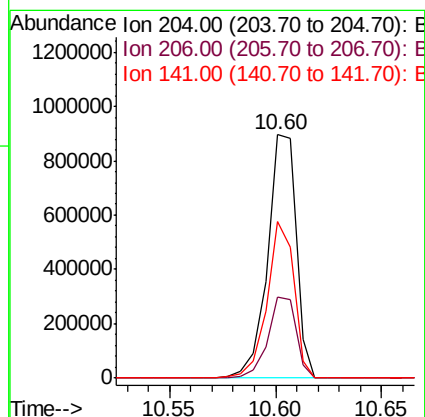
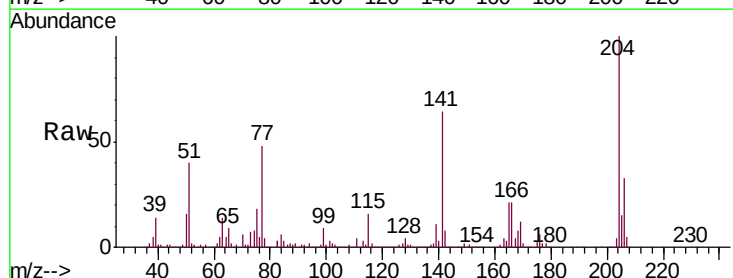
Instrument :  
BNA\_G  
ClientSampled :

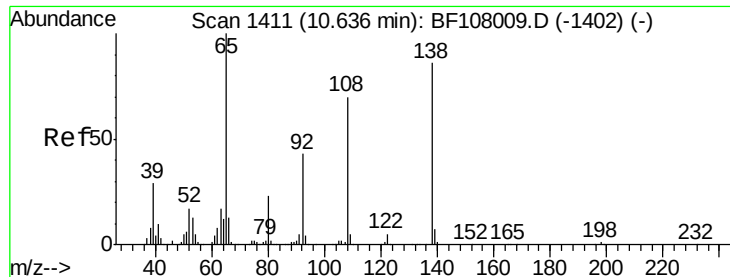
Tgt Ion:149 Resp: 1756228  
Ion Ratio Lower Upper  
149 100  
177 24.0 16.1 24.1  
150 13.3 10.1 15.1



#60  
4-Chlorophenyl-phenylether  
Concen: 46.845 ng  
RT: 10.60 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion:204 Resp: 847321  
Ion Ratio Lower Upper  
204 100  
206 33.3 26.5 39.7  
141 64.1 54.6 81.8

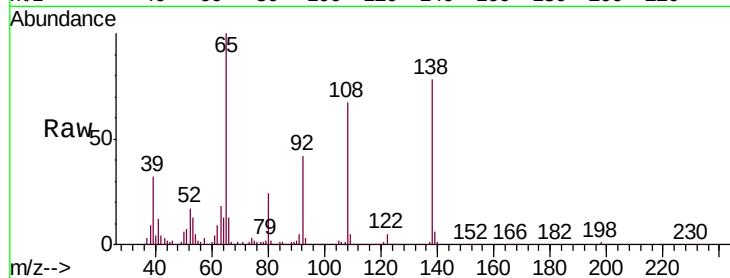




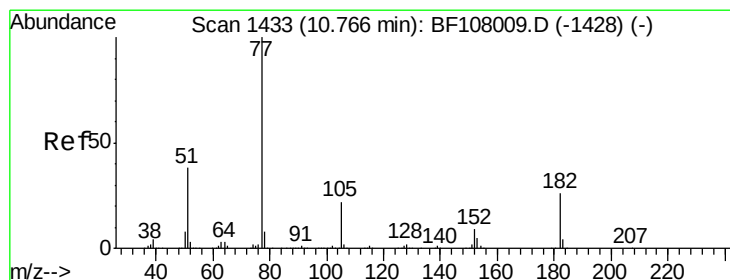
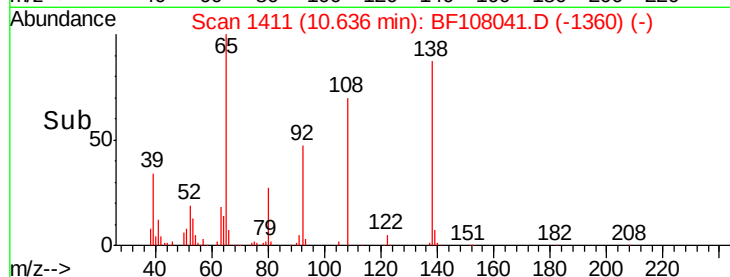
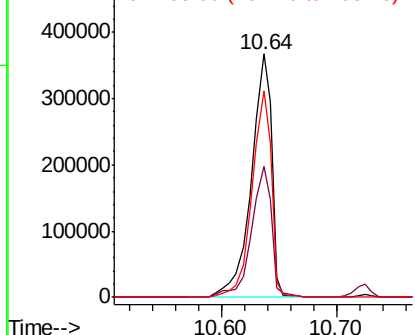
#61  
4-Nitroaniline  
Concen: 53.467 ng  
RT: 10.64 min Scan# 1411  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Instrument :  
BNA\_G  
ClientSampled :

Tgt Ion: 138 Resp: 452126  
Ion Ratio Lower Upper  
138 100  
92 53.9 30.2 70.2  
108 85.0 52.5 92.5

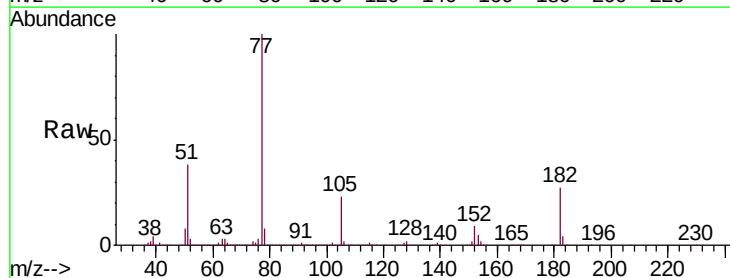


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

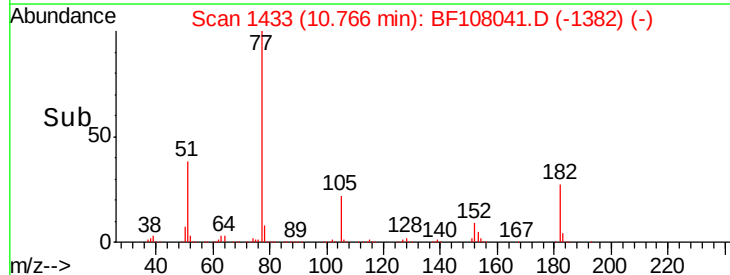
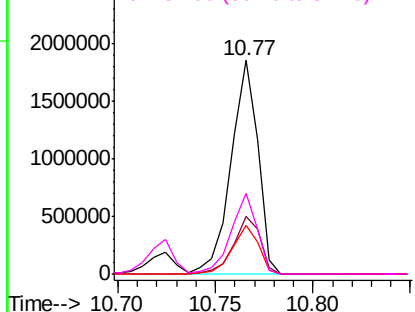


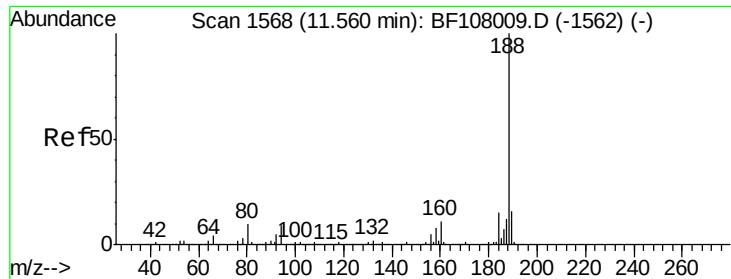
#62  
Azobenzene  
Concen: 47.224 ng  
RT: 10.77 min Scan# 1433  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion: 77 Resp: 1764536  
Ion Ratio Lower Upper  
77 100  
182 27.1 1.7 41.7  
105 22.8 3.0 43.0  
51 38.0 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

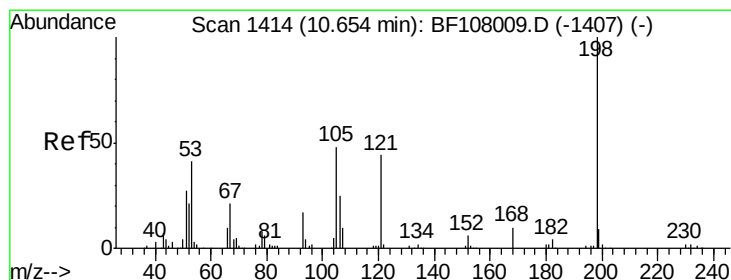
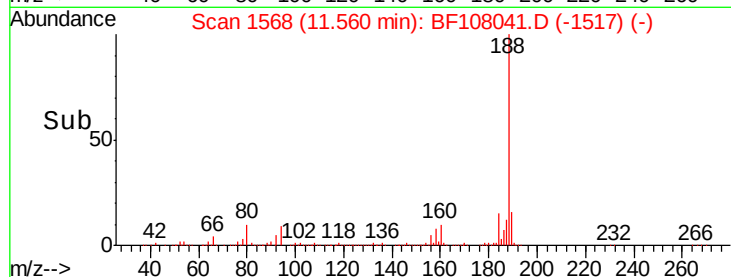
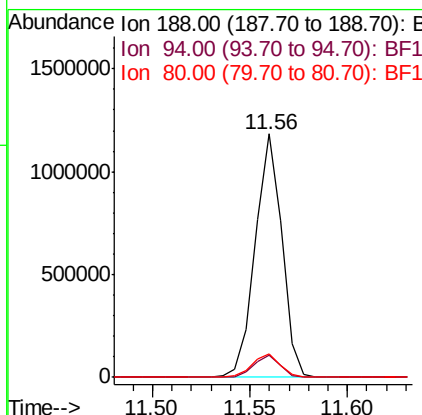
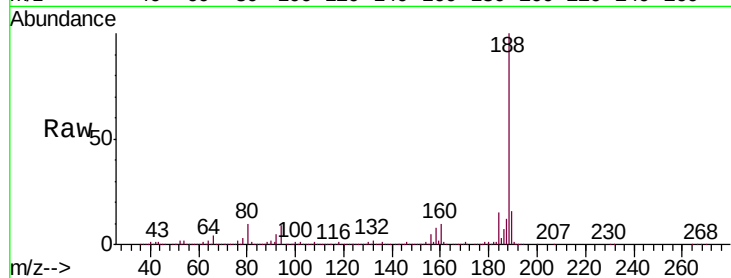




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.56 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

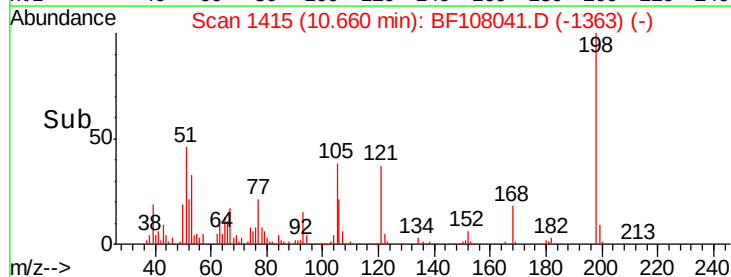
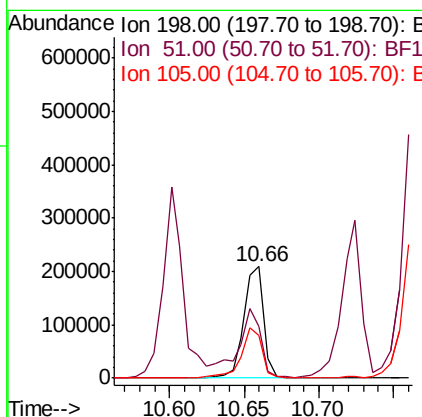
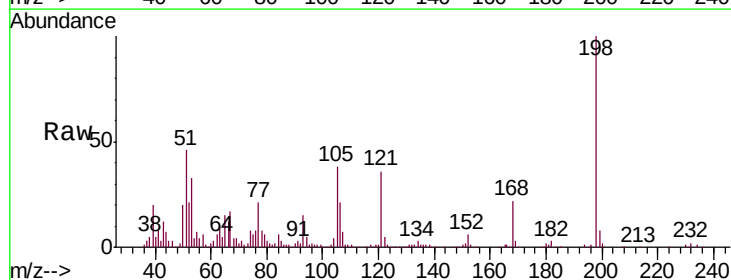
Instrument :  
BNA\_G  
ClientSampleId :

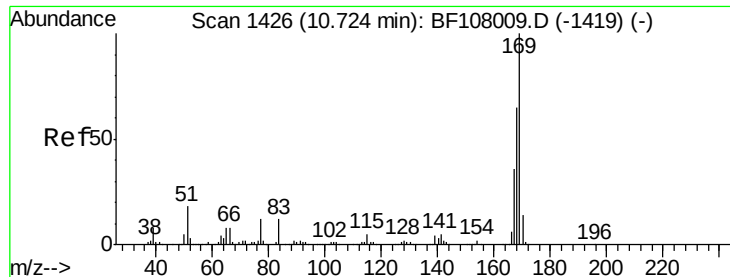
Tgt Ion:188 Resp: 1119281  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.5 12.7  
80 9.6 9.2 13.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 46.357 ng  
RT: 10.66 min Scan# 1415  
Delta R.T. 0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion:198 Resp: 193934  
Ion Ratio Lower Upper  
198 100  
51 46.0 37.7 77.7  
105 38.3 36.3 76.3

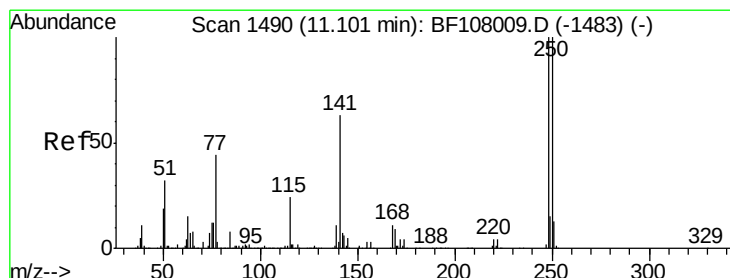
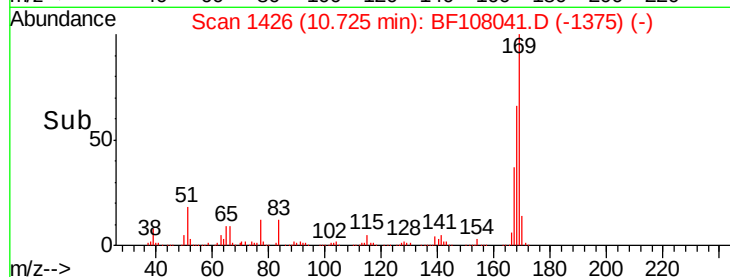
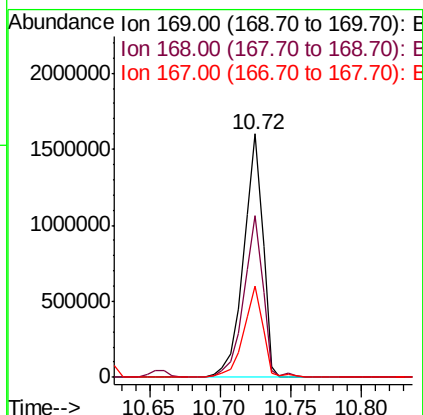
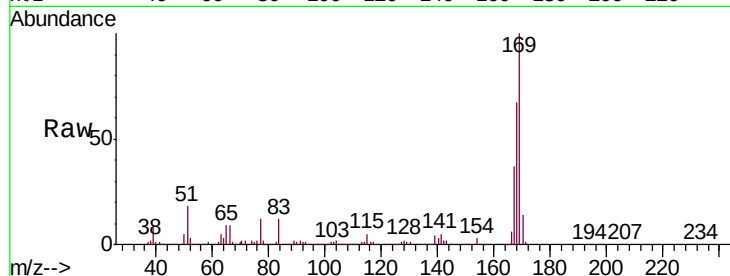




#65  
 n-Nitrosodiphenylamine  
 Concen: 45.825 ng  
 RT: 10.72 min Scan# 1426  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

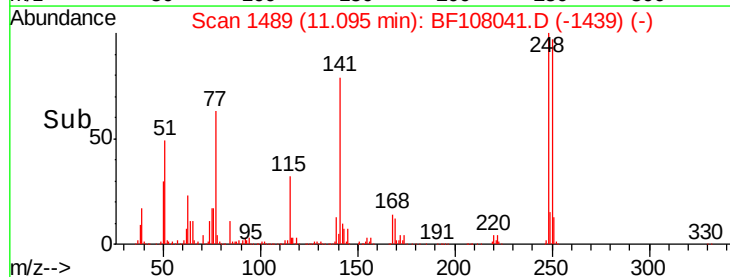
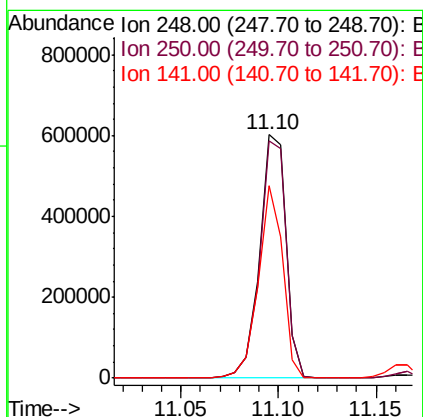
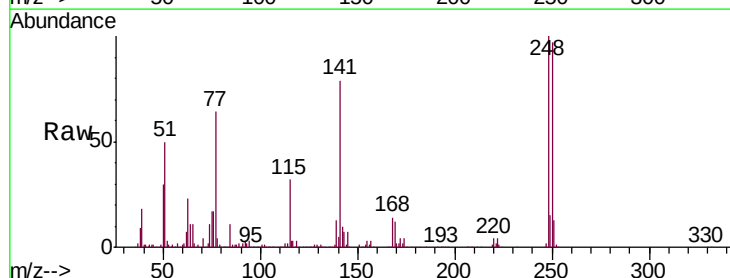
Instrument :  
 BNA\_G  
 ClientSampleId :

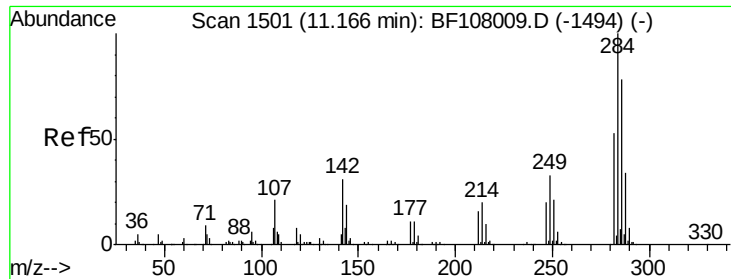
Tgt Ion:169 Resp: 1515694  
 Ion Ratio Lower Upper  
 169 100  
 168 66.5 54.4 81.6  
 167 37.3 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 46.409 ng  
 RT: 11.10 min Scan# 1489  
 Delta R.T. -0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:248 Resp: 564499  
 Ion Ratio Lower Upper  
 248 100  
 250 97.4 76.9 115.3  
 141 79.0 74.4 111.6





#67

Hexachlorobenzene

Concen: 46.233 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108041.D

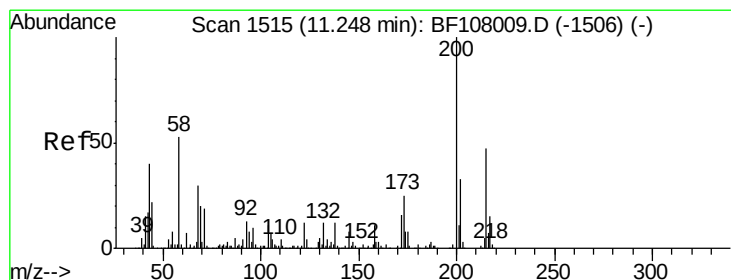
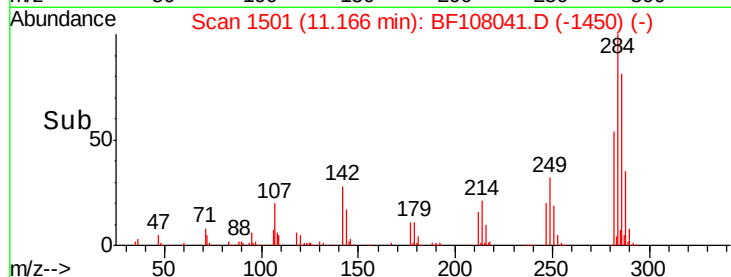
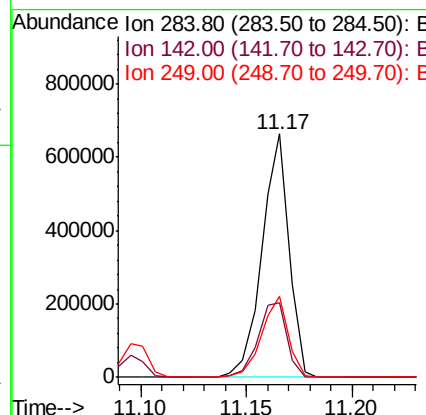
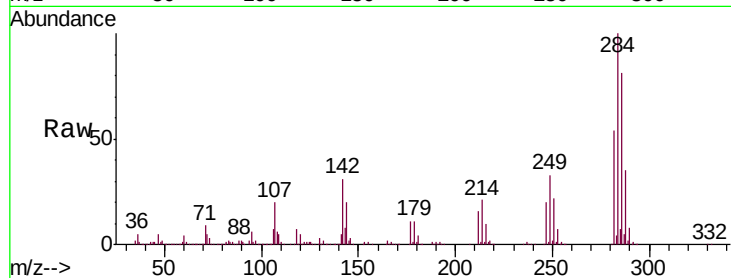
Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.9  | 34.6  | 52.0# |
| 249     | 33.3  | 24.8  | 37.2  |



#68

Atrazine

Concen: 47.327 ng

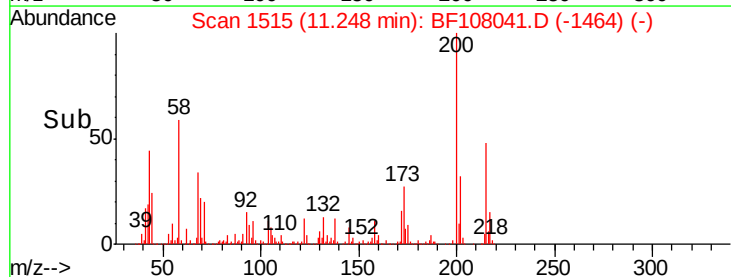
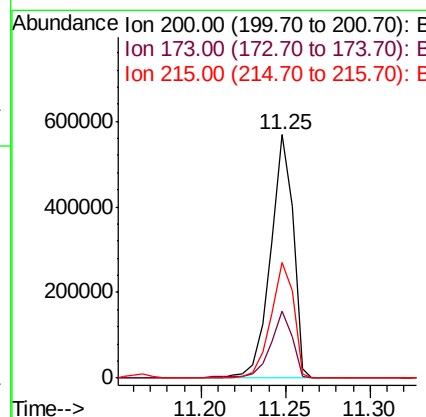
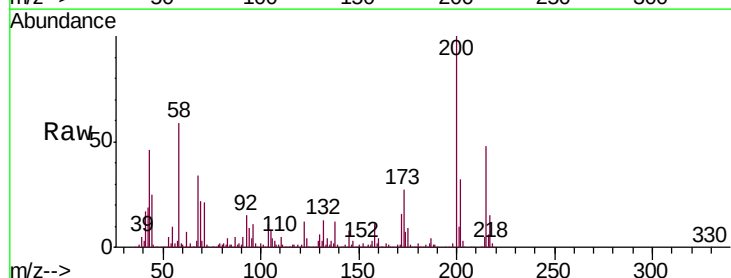
RT: 11.25 min Scan# 1515

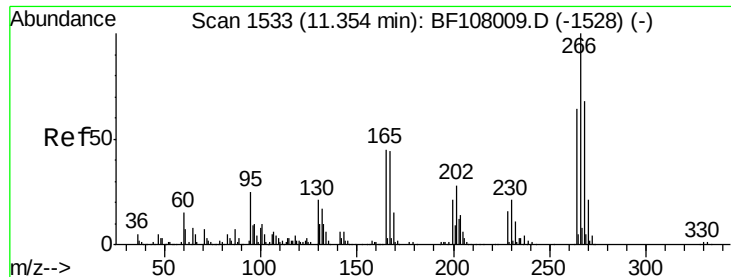
Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.5  | 8.6   | 48.6  |
| 215     | 47.6  | 25.1  | 65.1  |

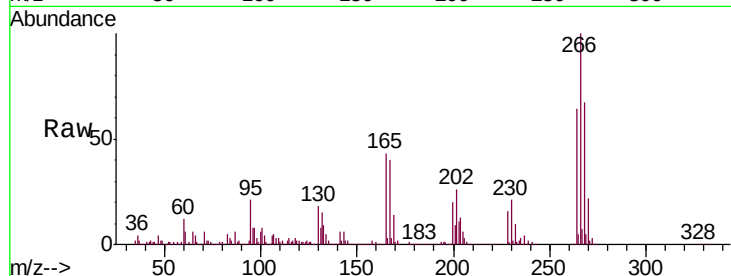




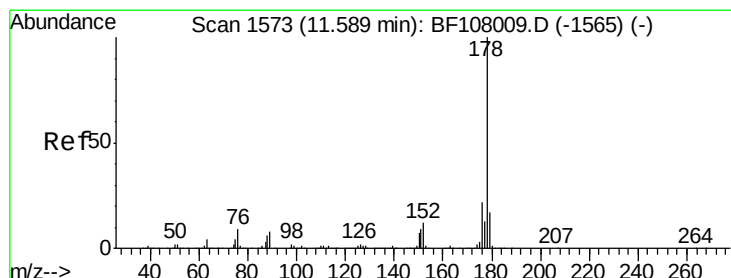
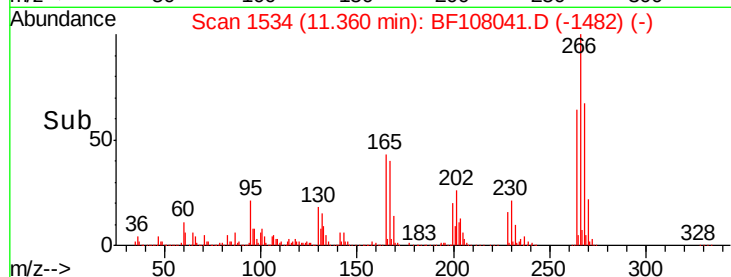
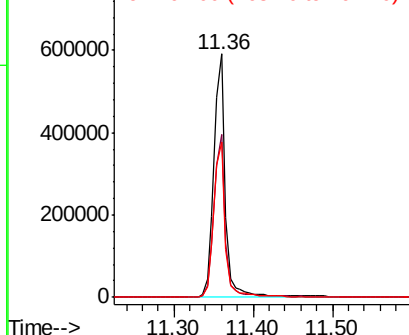
#69  
 Pentachlorophenol  
 Concen: 98.745 ng  
 RT: 11.36 min Scan# 1534  
 Delta R.T. 0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:266 Resp: 604881  
 Ion Ratio Lower Upper  
 266 100  
 268 67.1 51.1 76.7  
 264 63.8 49.5 74.3

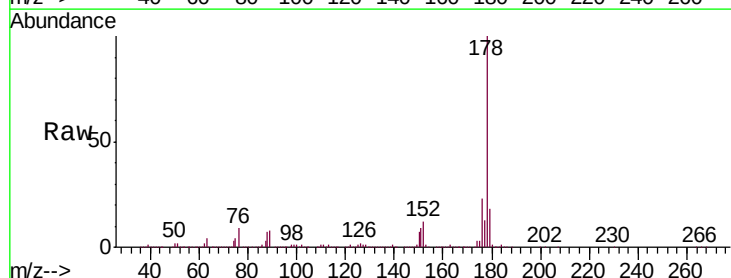


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

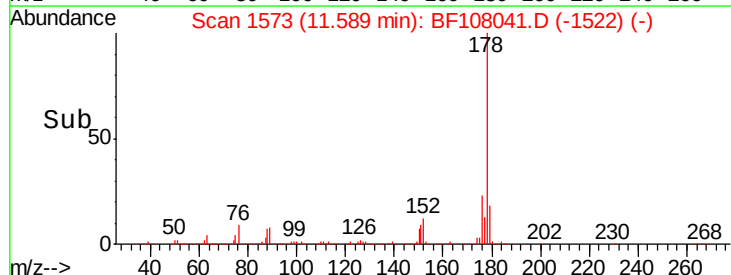
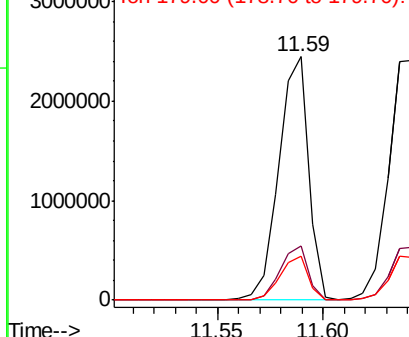


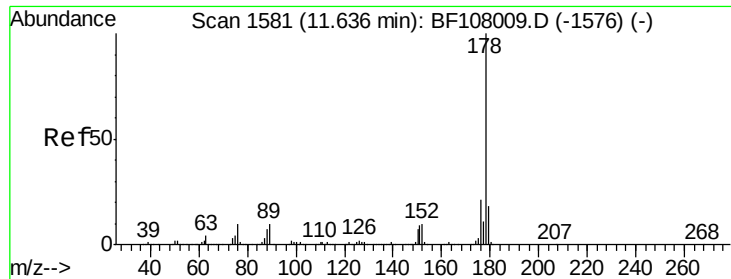
#70  
 Phenanthrene  
 Concen: 45.645 ng  
 RT: 11.59 min Scan# 1573  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:178 Resp: 2409697  
 Ion Ratio Lower Upper  
 178 100  
 176 22.5 15.8 23.8  
 179 17.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

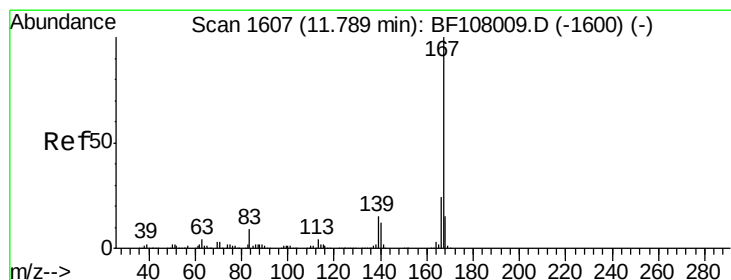
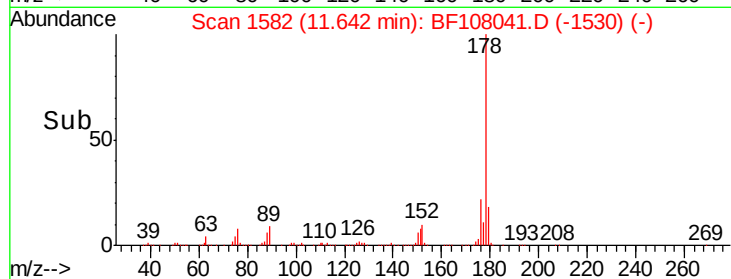
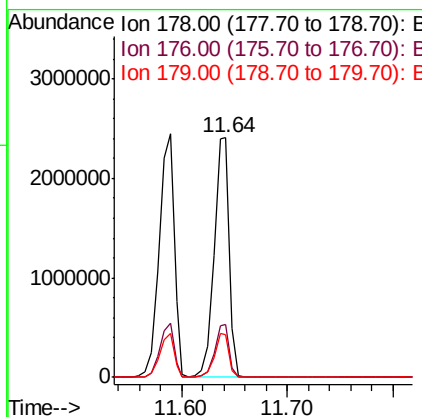
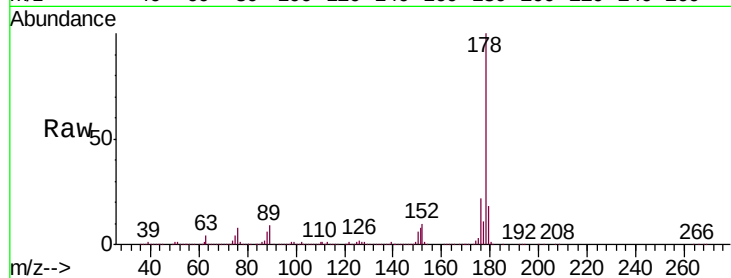




#71  
 Anthracene  
 Concen: 45.380 ng  
 RT: 11.64 min Scan# 1582  
 Delta R.T. 0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

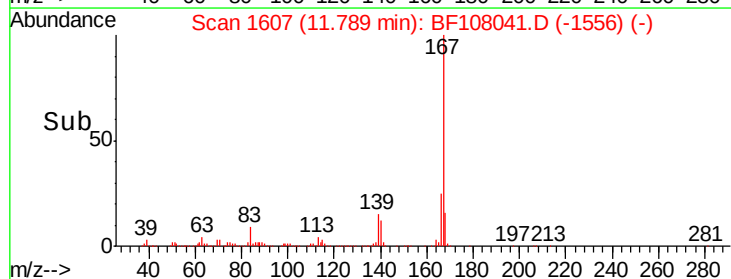
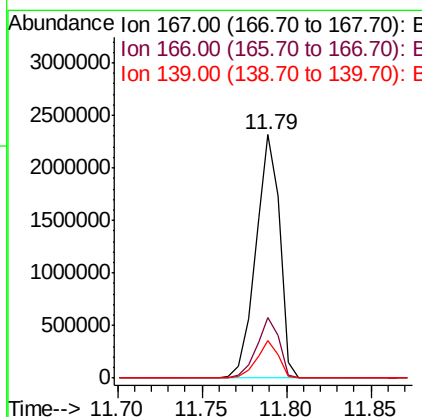
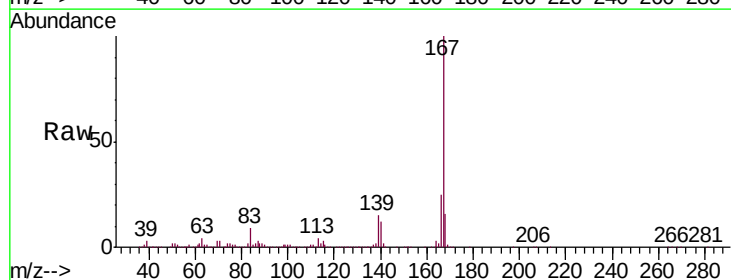
Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion:178 Resp: 2455469  
 Ion Ratio Lower Upper  
 178 100  
 176 22.0 15.4 23.2  
 179 17.7 12.6 19.0

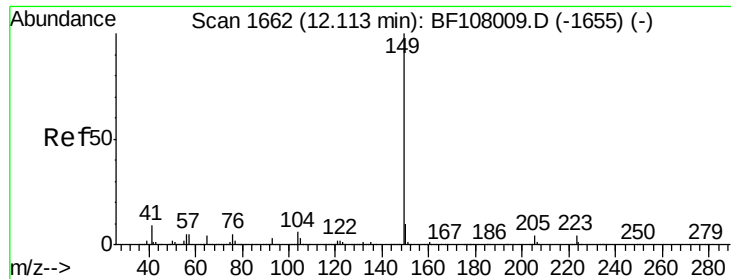


#72  
 Carbazole  
 Concen: 47.313 ng  
 RT: 11.79 min Scan# 1607  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:167 Resp: 2274508  
 Ion Ratio Lower Upper  
 167 100  
 166 24.8 17.6 26.4  
 139 15.3 10.9 16.3







#73

Di-n-butylphthalate

Concen: 47.061 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

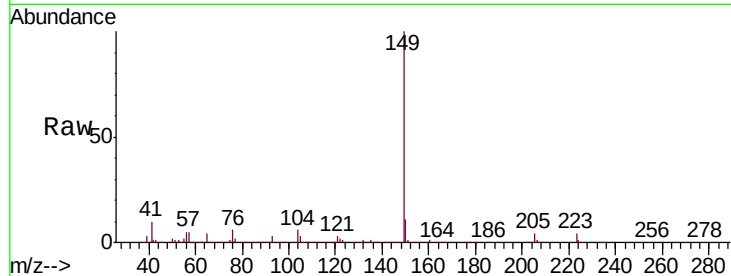
Tgt Ion:149 Resp: 2562584

Ion Ratio Lower Upper

149 100

150 10.6 7.8 11.6

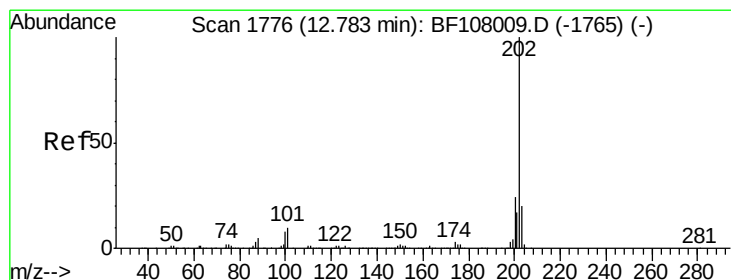
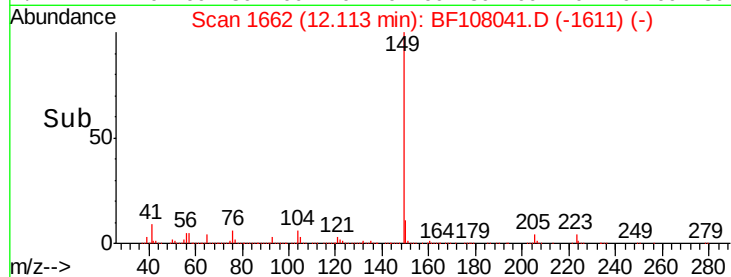
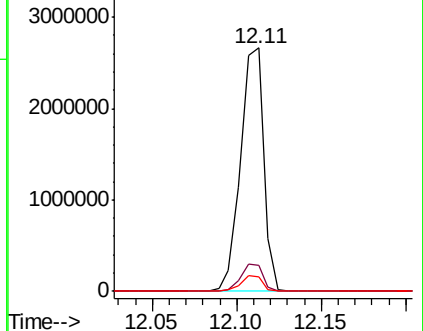
104 6.1 3.8 5.8#



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: 46.718 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

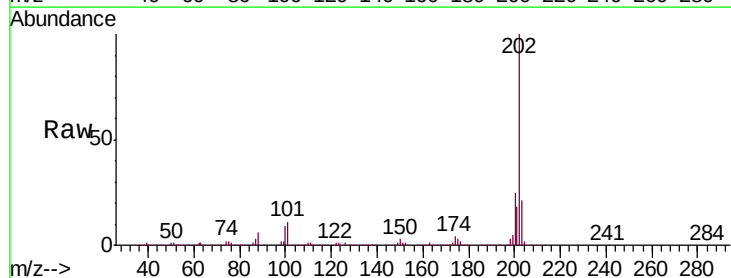
Tgt Ion:202 Resp: 2691725

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

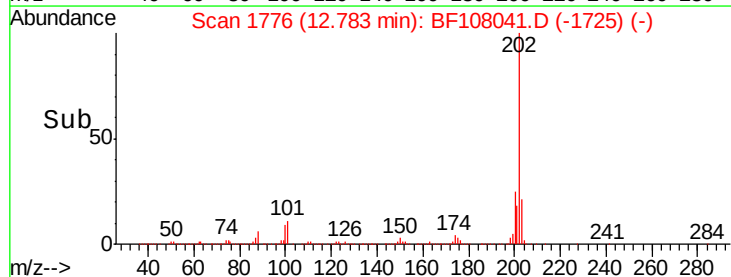
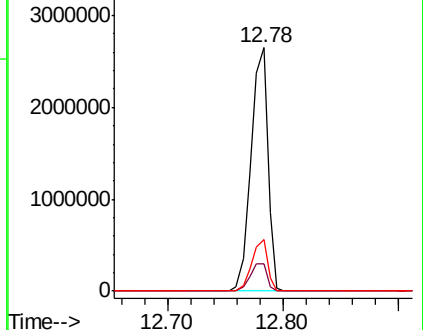
203 21.0 0.0 38.1

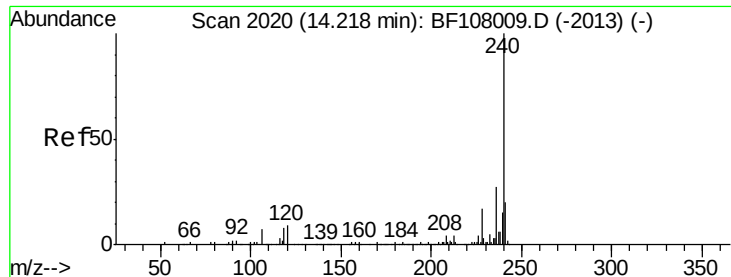


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

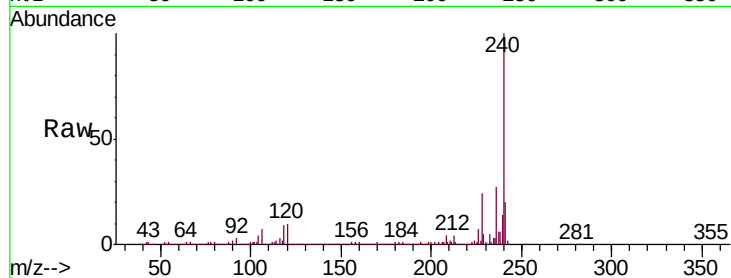
Tgt Ion:240 Resp: 971617

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

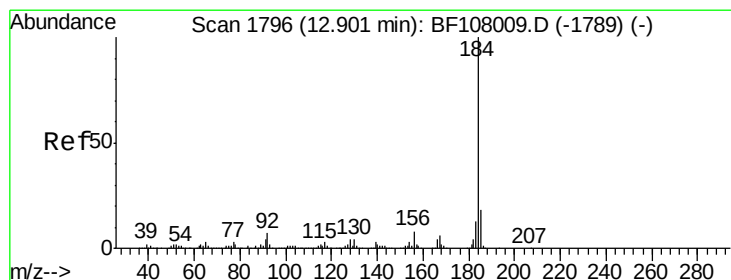
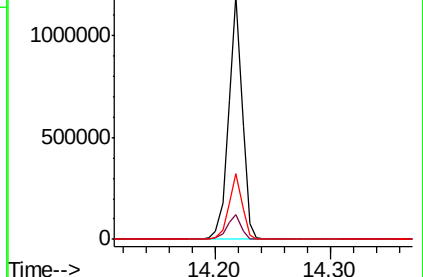
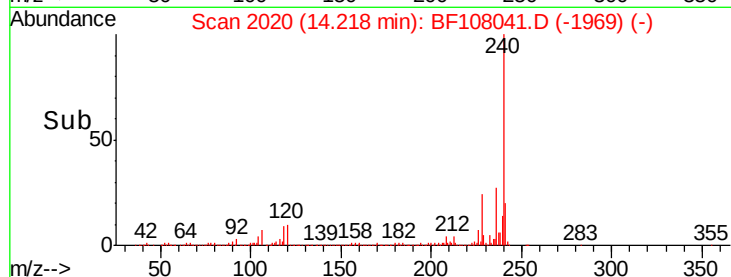
236 26.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.580 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

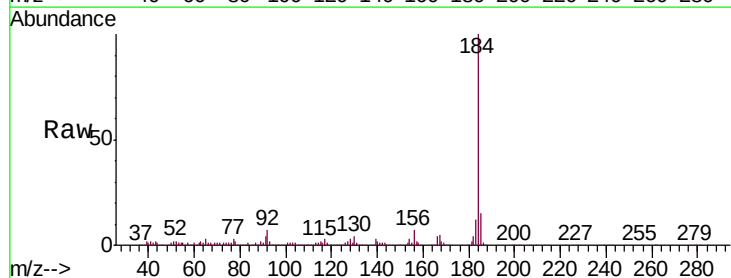
Tgt Ion:184 Resp: 1182724

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

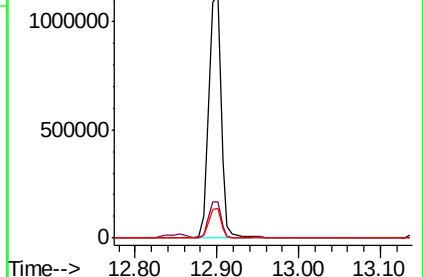
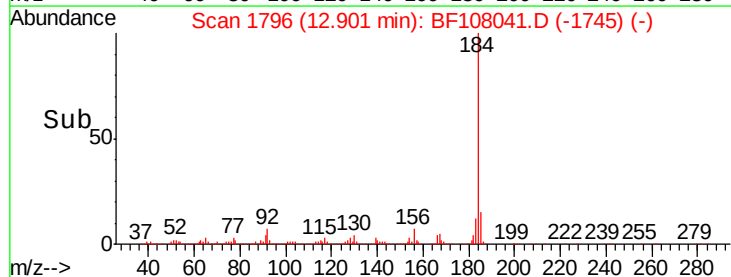
183 12.4 9.3 13.9

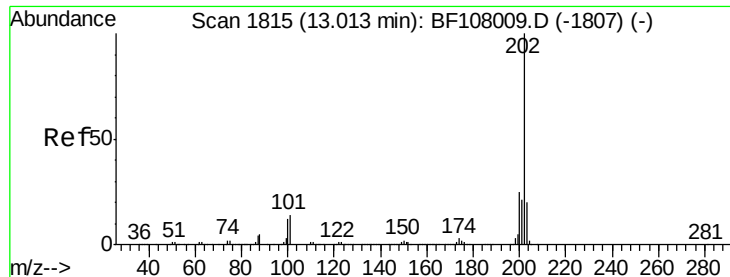


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.219 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

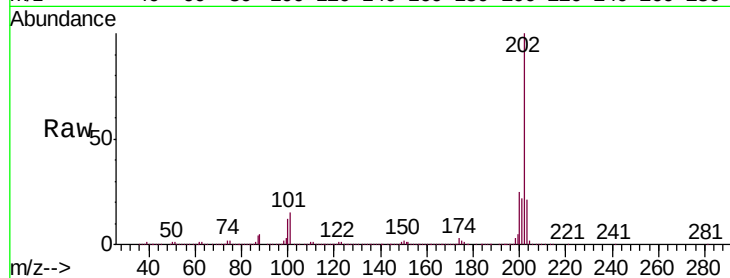
Instrument :

BNA\_G

ClientSampleId :

Tgt Ion:202 Resp: 2720050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 25.3  | 17.4  | 26.2  |
| 203 | 20.8  | 14.3  | 21.5  |

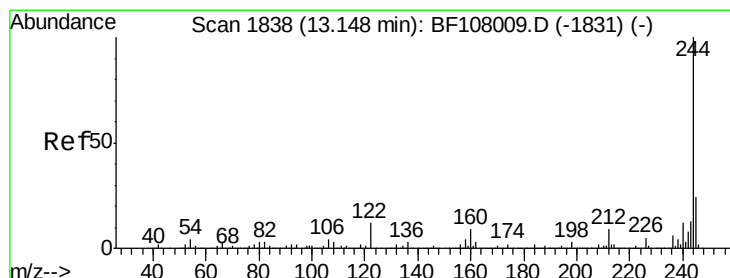
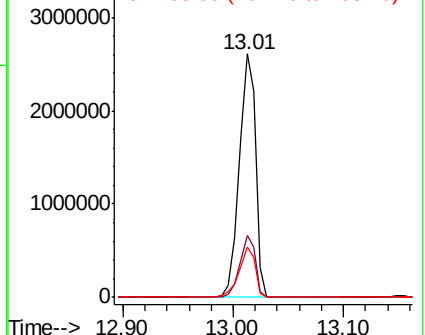
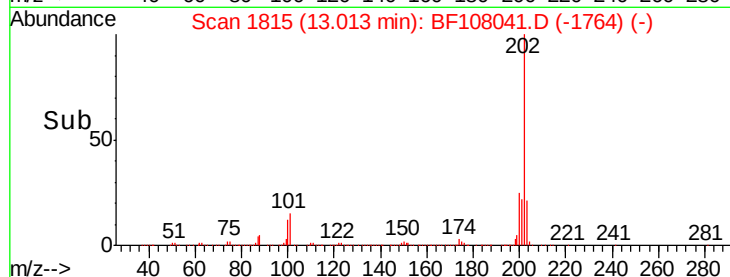


Abundance

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: 93.464 ng

RT: 13.15 min Scan# 1839

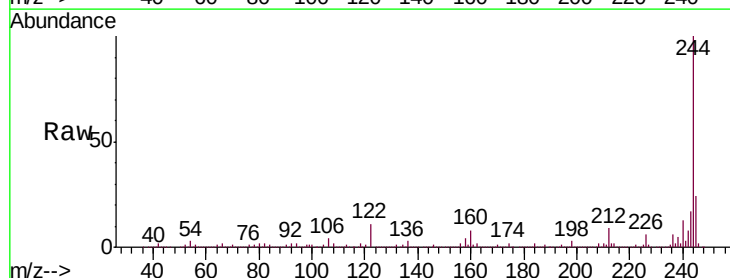
Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion:244 Resp: 3571637

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.1   | 5.4   | 8.0#  |
| 122 | 11.1  | 11.0  | 16.4  |

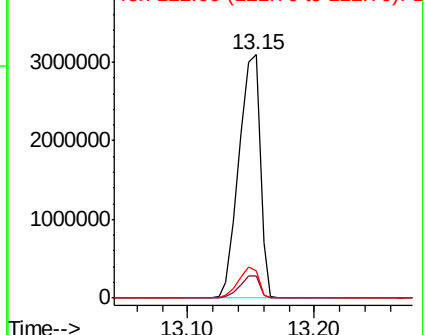
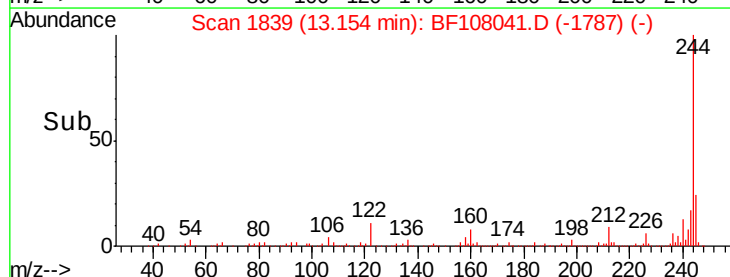


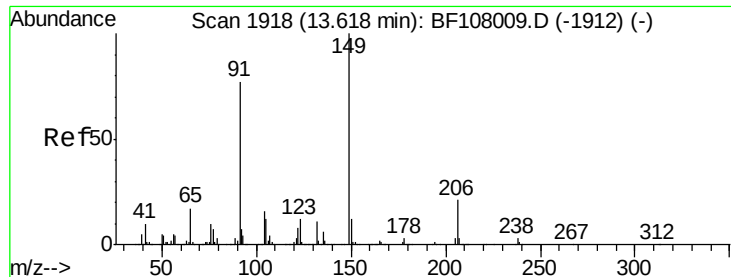
Abundance

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: 51.608 ng

RT: 13.62 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA\_G

ClientSampleId :

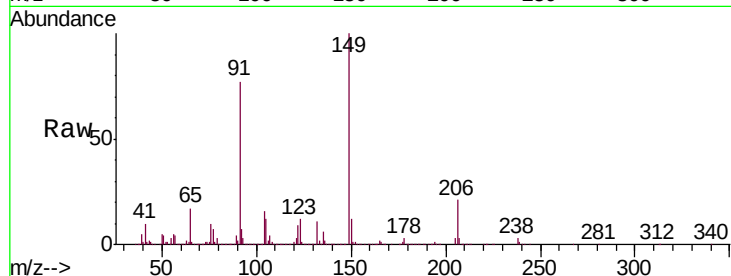
Tgt Ion:149 Resp: 1260581

Ion Ratio Lower Upper

149 100

91 77.2 56.8 85.2

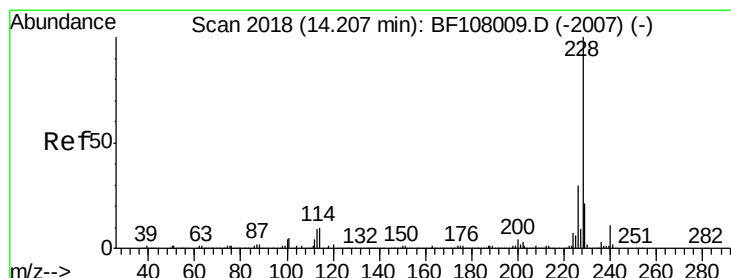
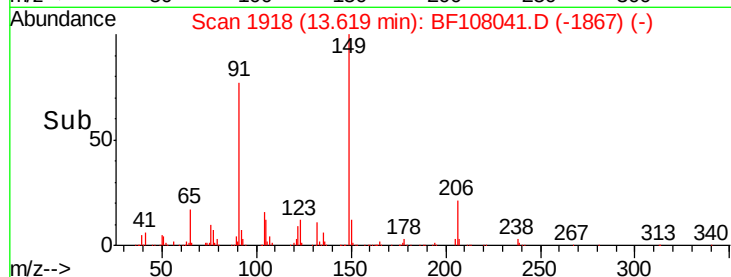
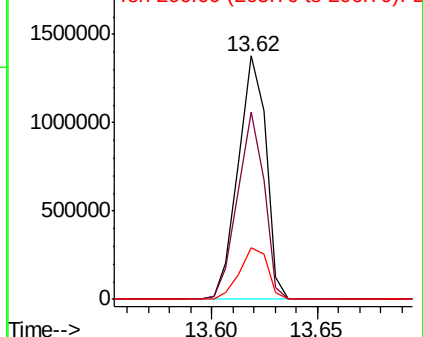
206 21.0 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.631 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

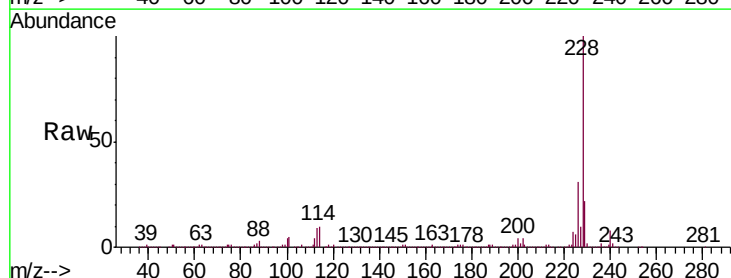
Tgt Ion:228 Resp: 2600183

Ion Ratio Lower Upper

228 100

226 31.3 22.6 33.8

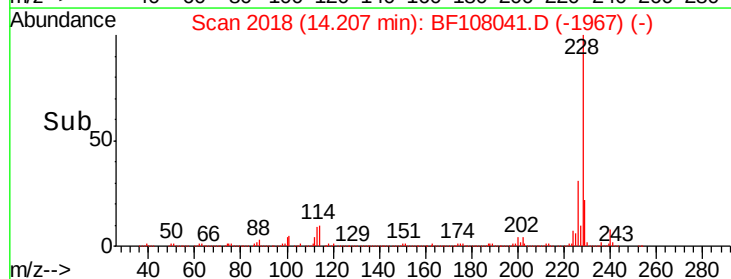
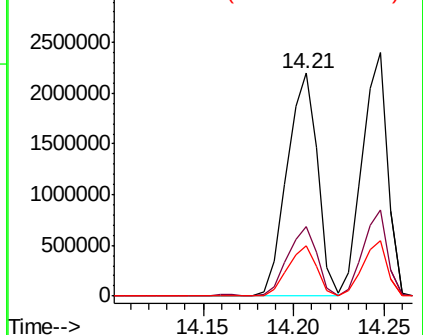
229 22.4 15.8 23.6

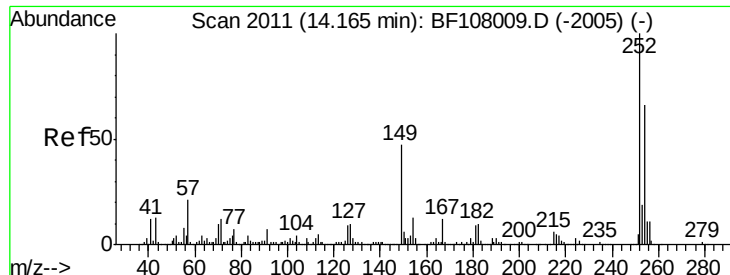


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

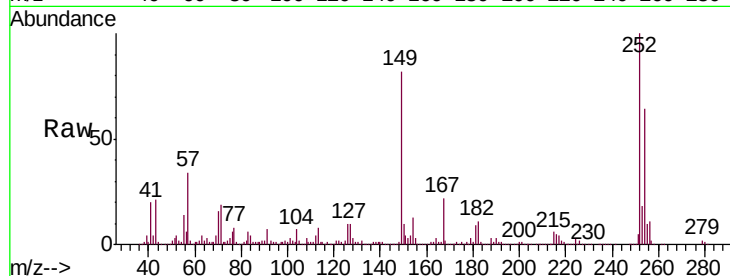




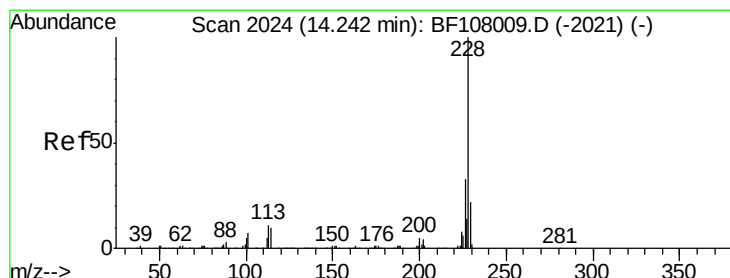
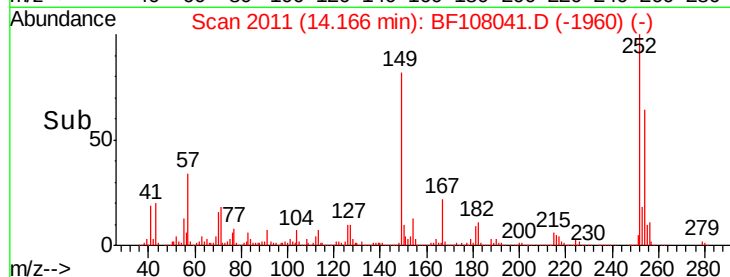
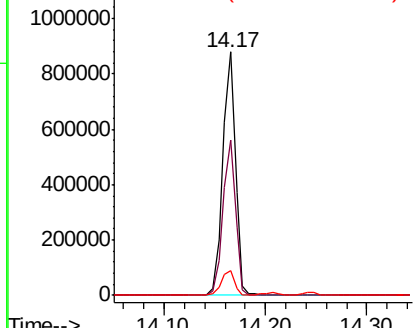
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.161 ng  
 RT: 14.17 min Scan# 2011  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tgt Ion:252 Resp: 762580  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 50.4 75.6  
 126 10.2 11.3 16.9#

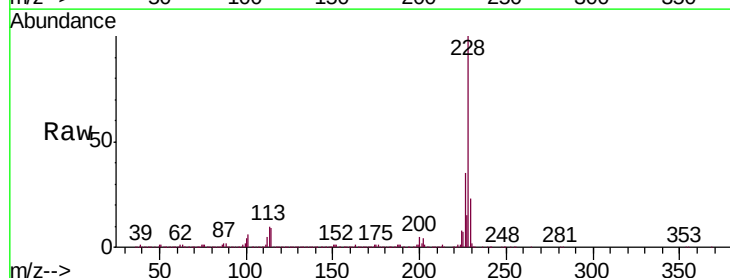


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

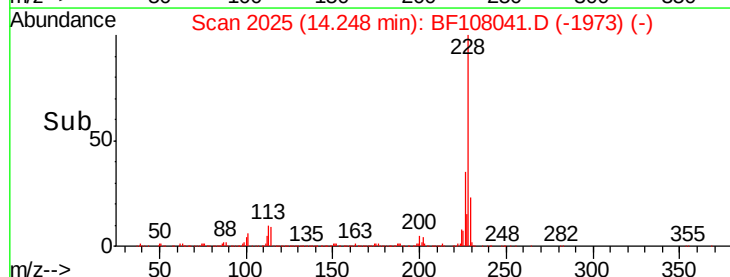
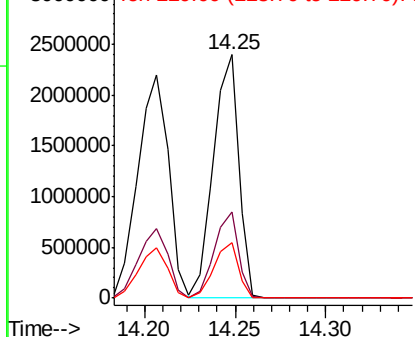


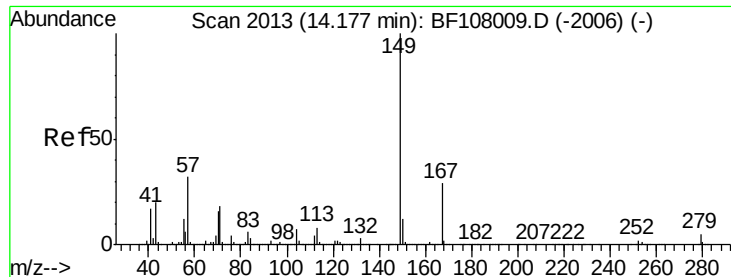
#82  
 Chrysene  
 Concen: 45.856 ng  
 RT: 14.25 min Scan# 2025  
 Delta R.T. 0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:228 Resp: 2344235  
 Ion Ratio Lower Upper  
 228 100  
 226 35.2 25.0 37.6  
 229 22.9 16.2 24.4



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

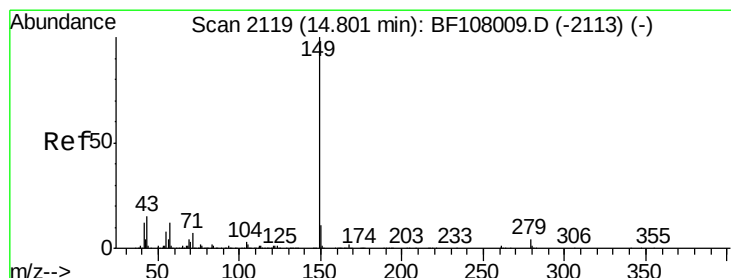
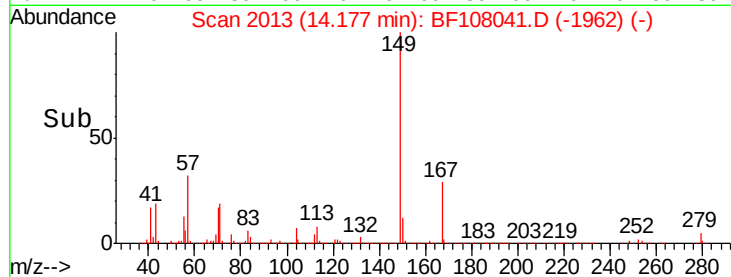
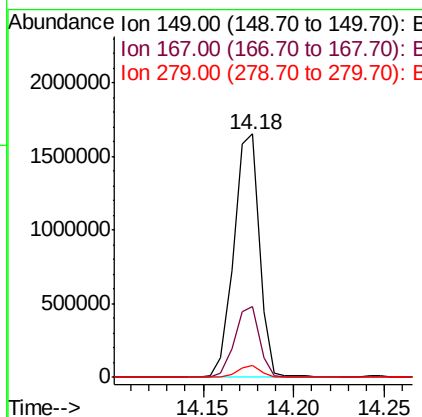
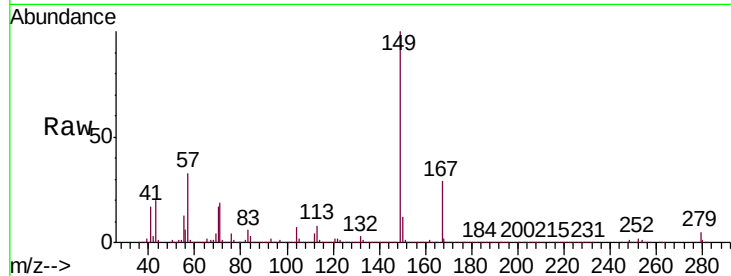




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.153 ng  
 RT: 14.18 min Scan# 2013  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

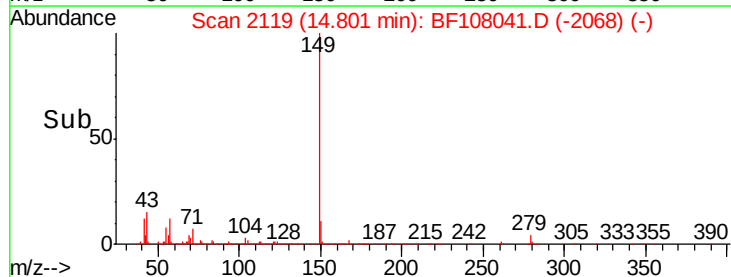
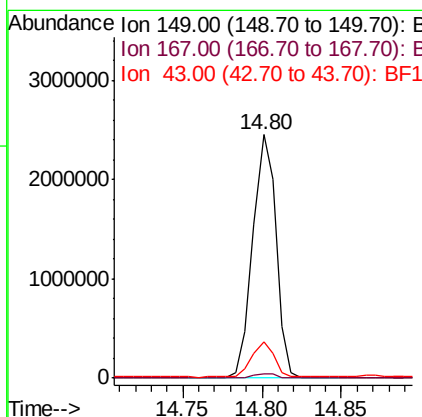
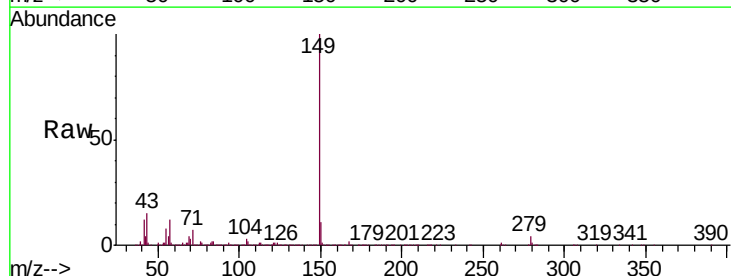
Instrument :  
 BNA\_G  
 ClientSampleId :

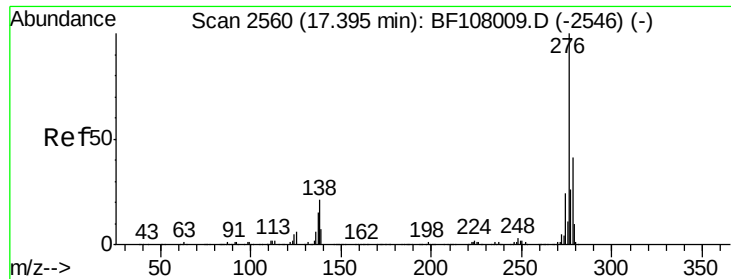
Tgt Ion:149 Resp: 1625851  
 Ion Ratio Lower Upper  
 149 100  
 167 29.2 21.3 31.9  
 279 4.8 3.0 4.4#



#84  
 Di-n-octyl phthalate  
 Concen: 49.907 ng  
 RT: 14.80 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:149 Resp: 2517614  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.2 1.8  
 43 13.6 8.4 12.6#

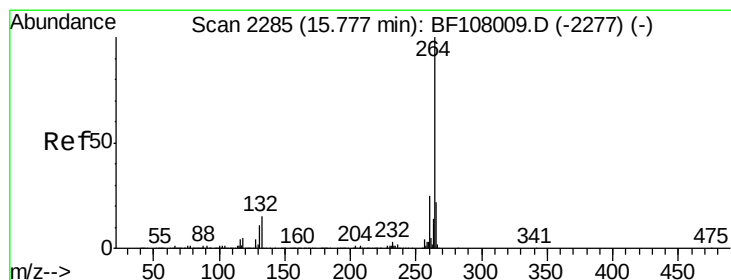
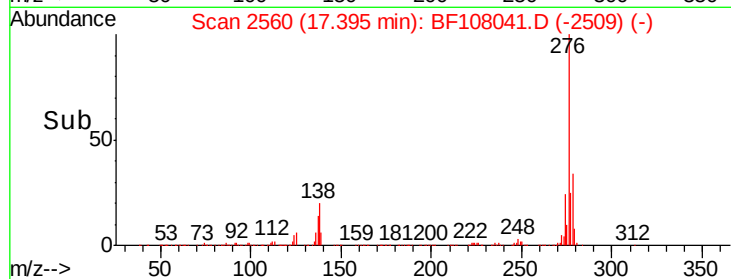
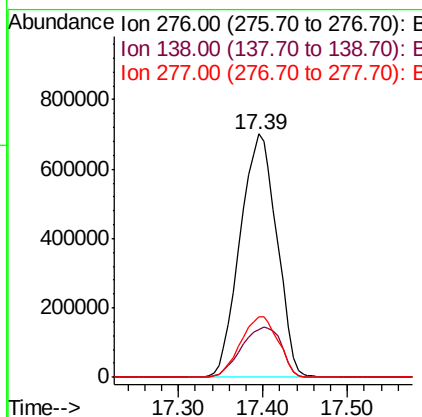
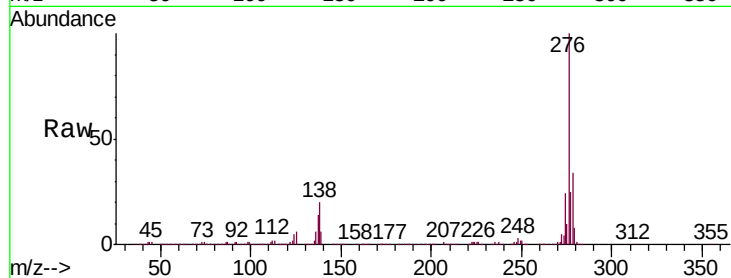




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.832 ng  
 RT: 17.39 min Scan# 2560  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

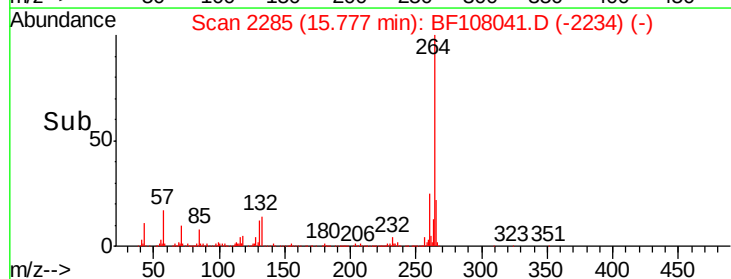
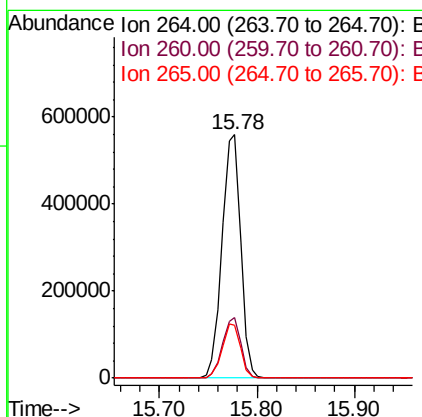
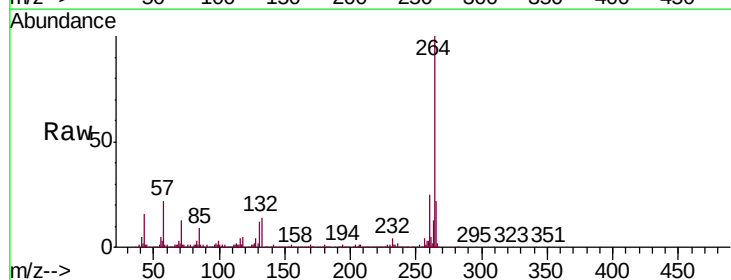
Instrument :  
 BNA\_G  
 ClientSampleId :

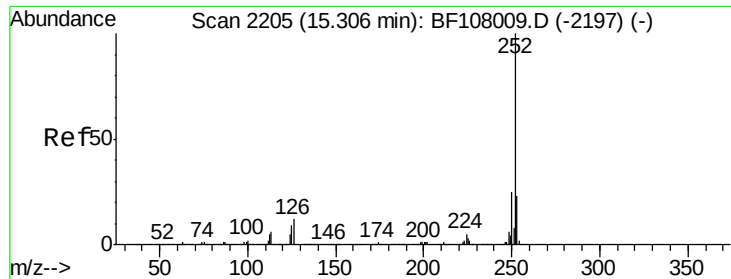
Tgt Ion:276 Resp: 2118702  
 Ion Ratio Lower Upper  
 276 100  
 138 22.8 25.0 37.6#  
 277 25.6 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.78 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Tgt Ion:264 Resp: 744328  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 19.2 28.8  
 265 21.5 17.5 26.3

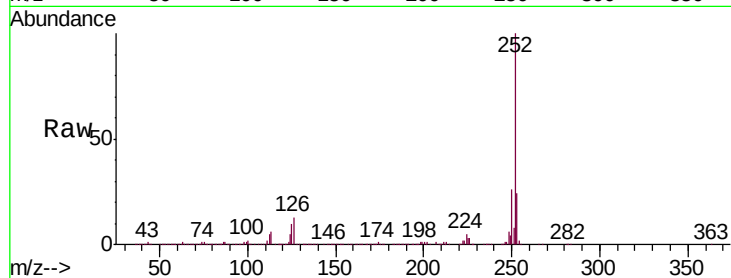




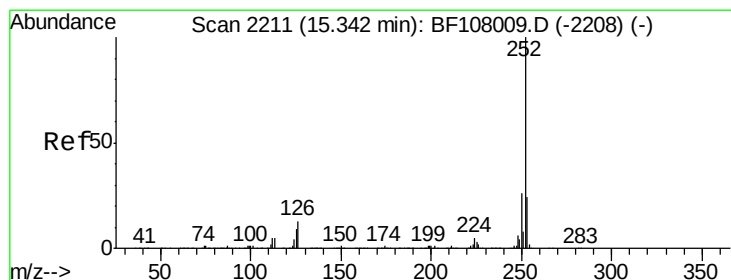
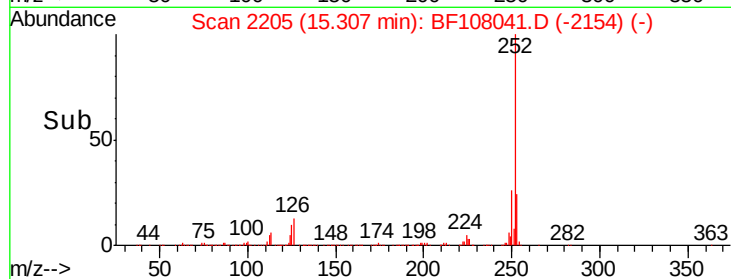
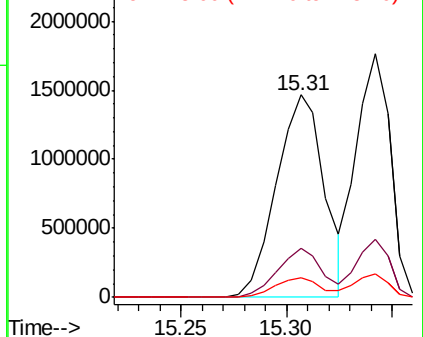
#87  
Benzo(b)fluoranthene  
Concen: 52.014 ng  
RT: 15.31 min Scan# 2205  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:252 Resp: 2313404  
Ion Ratio Lower Upper  
252 100  
253 24.2 17.0 25.6  
125 9.6 9.0 13.6

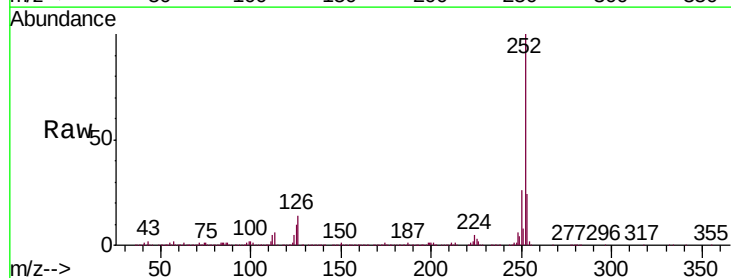


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

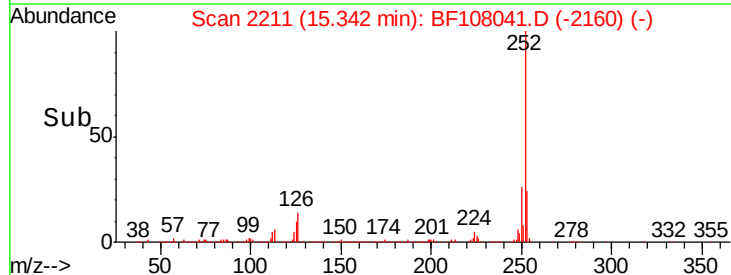
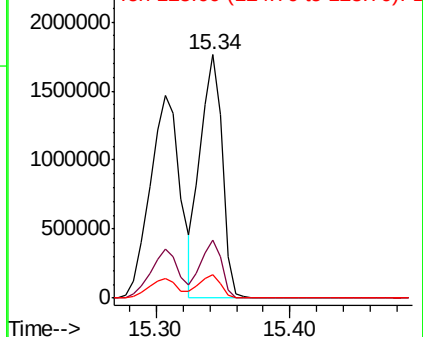


#88  
Benzo(k)fluoranthene  
Concen: 49.020 ng  
RT: 15.34 min Scan# 2211  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

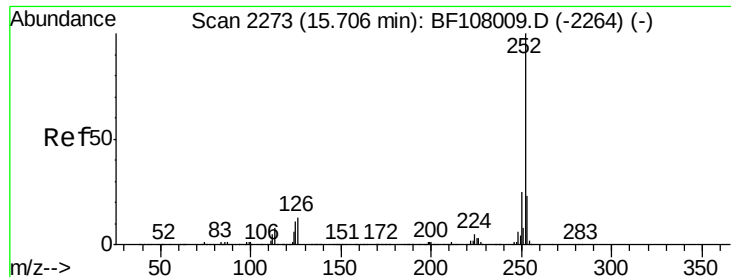
Tgt Ion:252 Resp: 2004166  
Ion Ratio Lower Upper  
252 100  
253 24.1 17.9 26.9  
125 9.7 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



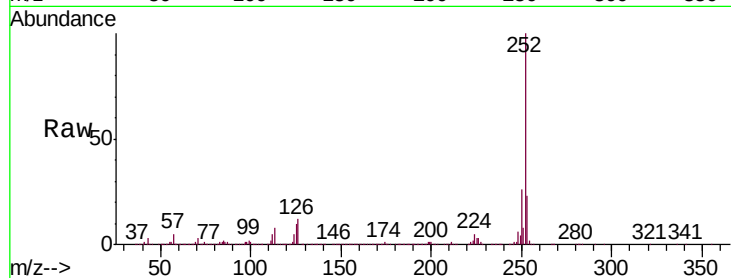




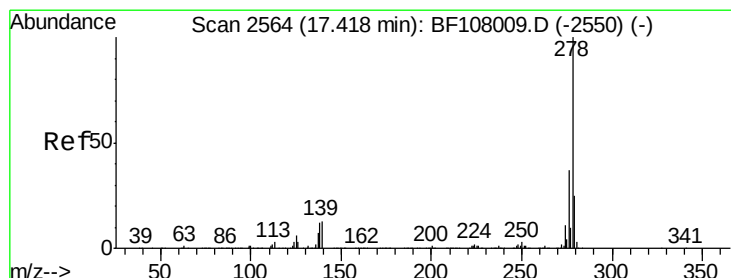
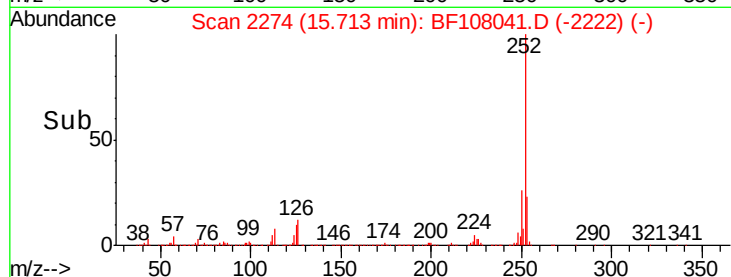
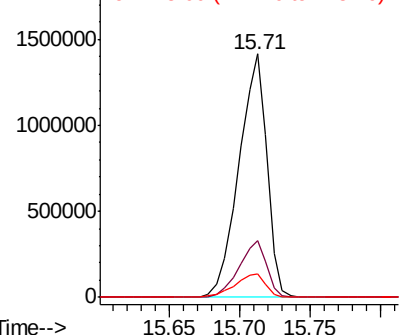
#89  
Benzo(a)pyrene  
Concen: 49.634 ng  
RT: 15.71 min Scan# 2274  
Delta R.T. 0.01 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Instrument :  
BNA\_G  
ClientSampleId :

Tgt Ion:252 Resp: 1976800  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.1 25.7  
125 9.7 9.8 14.6#

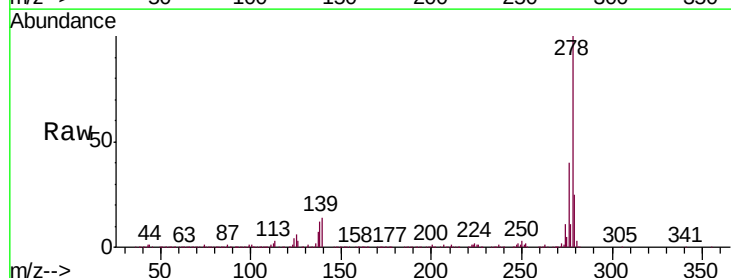


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

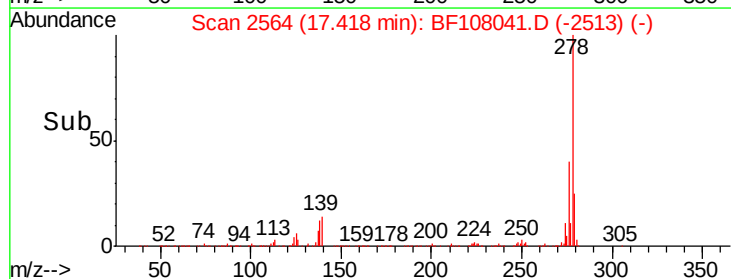
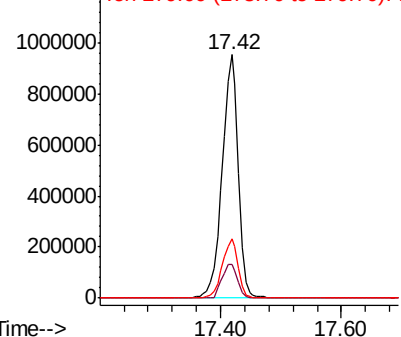


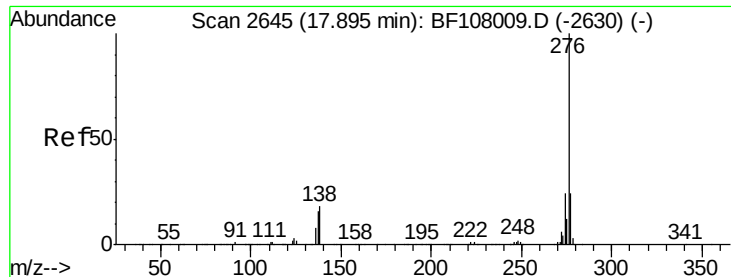
#90  
Dibenzo(a,h)anthracene  
Concen: 53.630 ng  
RT: 17.42 min Scan# 2564  
Delta R.T. 0.00 min  
Lab File: BF108041.D  
Acq: 9 Aug 2018 10:04

Tgt Ion:278 Resp: 1767302  
Ion Ratio Lower Upper  
278 100  
139 14.0 15.9 23.9#  
279 24.6 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E

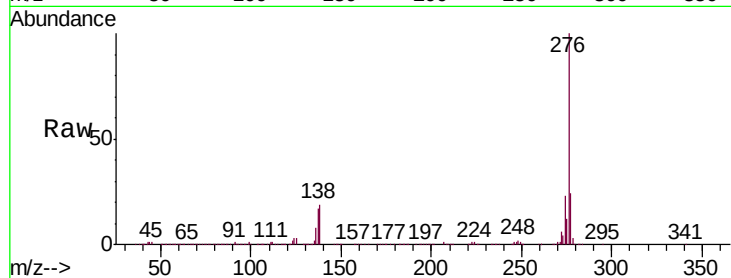




#91  
 Benzo(g,h,i)perylene  
 Concen: 55.447 ng  
 RT: 17.90 min Scan# 2646  
 Delta R.T. 0.01 min  
 Lab File: BF108041.D  
 Acq: 9 Aug 2018 10:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion: 276 Resp: 1799206  
 Ion Ratio Lower Upper  
 276 100  
 277 24.4 17.9 26.9  
 138 19.0 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

