

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\  
 Data File : BF097716.D  
 Acq On : 16 Aug 2017 3:34  
 Operator : SJ/JU  
 Sample : I4703-01MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

Quant Time: Aug 16 07:09:25 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 15 13:25:08 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.79  | 152  | 146052   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.07  | 136  | 581796   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.82  | 164  | 247818   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.30 | 188  | 402793   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.94 | 240  | 275943   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.37 | 264  | 272649   | 20.00 | ng    | 0.00     |

|                             |       |     |         |       |    |      |
|-----------------------------|-------|-----|---------|-------|----|------|
| System Monitoring Compounds |       |     |         |       |    |      |
| 5) 2-Fluorophenol           | 5.39  | 112 | 851847  | 88.72 | ng | 0.00 |
| 7) Phenol-d6                | 6.42  | 99  | 1195007 | 91.60 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 7.35  | 82  | 699844  | 65.35 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 10.61 | 330 | 188287  | 87.57 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 9.15  | 172 | 860546  | 51.02 | ng | 0.00 |
| 78) Terphenyl-d14           | 12.89 | 244 | 565790  | 42.76 | ng | 0.00 |

|                                |      |     |        |        |    |      |
|--------------------------------|------|-----|--------|--------|----|------|
| Target Compounds               |      |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.49 | 88  | 116606 | 21.78  | ng | 91   |
| 3) Pyridine                    | 3.23 | 79  | 341261 | 23.05  | ng | 88   |
| 4) n-Nitrosodimethylamine      | 3.16 | 42  | 164302 | 28.84  | ng | 87   |
| 6) Aniline                     | 6.45 | 93  | 435715 | 23.77  | ng | 98   |
| 8) 2-Chlorophenol              | 6.57 | 128 | 307950 | 30.41  | ng | 96   |
| 9) Benzaldehyde                | 6.33 | 77  | 155336 | 18.80  | ng | 90   |
| 10) Phenol                     | 6.43 | 94  | 506779 | 33.21  | ng | 94   |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 346035 | 30.05  | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 278395 | 25.56  | ng | # 95 |
| 13) 1,4-Dichlorobenzene        | 6.80 | 146 | 284132 | 25.65  | ng | 94   |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 269974 | 26.43  | ng | 99   |
| 15) Benzyl Alcohol             | 6.93 | 79  | 325497 | 33.32  | ng | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.06 | 45  | 453804 | 29.29  | ng | 92   |
| 17) 2-Methylphenol             | 7.04 | 107 | 284122 | 31.84  | ng | 97   |
| 18) Hexachloroethane           | 7.30 | 117 | 107510 | 24.75  | ng | # 79 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 259989 | 29.11  | ng | 91   |
| 20) 3+4-Methylphenols          | 7.19 | 107 | 346426 | 31.78  | ng | 98   |
| 22) Acetophenone               | 7.20 | 105 | 460542 | 29.96  | ng | # 85 |
| 24) Nitrobenzene               | 7.37 | 77  | 391686 | 32.85  | ng | 94   |
| 25) Isophorone                 | 7.61 | 82  | 706621 | 31.73  | ng | 97   |
| 26) 2-Nitrophenol              | 7.69 | 139 | 139722 | 34.06  | ng | # 85 |
| 27) 2,4-Dimethylphenol         | 7.72 | 122 | 278233 | 29.96  | ng | 95   |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 446244 | 30.48  | ng | 91   |
| 29) 2,4-Dichlorophenol         | 7.92 | 162 | 239911 | 31.12  | ng | 93   |
| 30) 1,2,4-Trichlorobenzene     | 8.01 | 180 | 231118 | 27.04  | ng | 99   |
| 31) Naphthalene                | 8.09 | 128 | 833306 | 27.59  | ng | 99   |
| 32) Benzoic acid               | 7.72 | 122 | 278233 | 42.04  | ng | # 16 |
| 33) 4-Chloroaniline            | 8.14 | 127 | 311075 | 24.42  | ng | 99   |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 131711 | 26.40  | ng | 97   |
| 35) Caprolactam                | 8.50 | 113 | 74865  | 28.56  | ng | 99   |
| 36) 4-Chloro-3-methylphenol    | 8.62 | 107 | 296103 | 29.89  | ng | # 77 |
| 37) 2-Methylnaphthalene        | 8.78 | 142 | 546798 | 29.53  | ng | 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.95 | 216 | 223668 | 29.41  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 8.93 | 237 | 61604  | 16.86  | ng | 98   |

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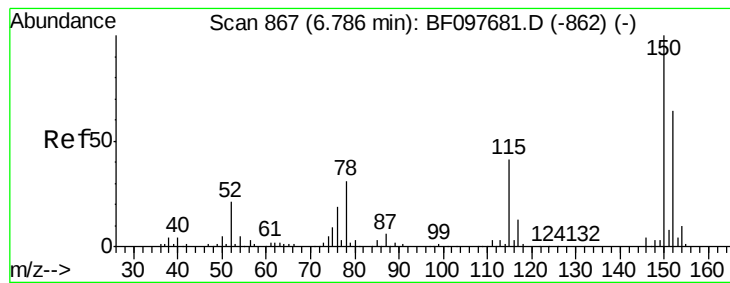
Instrument :  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.06  | 196  | 156425   | 30.63 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.09  | 196  | 162553   | 32.09 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 642858   | 28.45 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.27  | 162  | 468846   | 28.08 | nq    | # 91     |
| 47) 2-Nitroaniline             | 9.36  | 65   | 191438   | 34.20 | nq    | 94       |
| 48) Acenaphthylene             | 9.69  | 152  | 734199   | 28.00 | nq    | 99       |
| 49) Dimethylphthalate          | 9.55  | 163  | 815895   | 45.04 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.61  | 165  | 117072   | 32.38 | nq    | # 66     |
| 51) Acenaphthene               | 9.86  | 154  | 438625   | 26.52 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.77  | 138  | 137694   | 29.52 | nq    | 88       |
| 53) 2,4-Dinitrophenol          | 9.87  | 184  | 1682     | 11.00 | nq    | # 1      |
| 54) Dibenzofuran               | 10.03 | 168  | 670669   | 30.26 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.93  | 139  | 181603   | 48.80 | nq    | # 35     |
| 56) 2,4-Dinitrotoluene         | 10.00 | 165  | 149702   | 32.99 | nq    | # 46     |
| 57) Fluorene                   | 10.37 | 166  | 477467   | 27.86 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 122953   | 31.35 | nq    | 94       |
| 59) Diethylphthalate           | 10.25 | 149  | 589391   | 31.11 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204  | 231015   | 29.02 | nq    | 91       |
| 61) 4-Nitroaniline             | 10.38 | 138  | 128799   | 29.05 | nq    | # 66     |
| 62) Azobenzene                 | 10.52 | 77   | 682289   | 30.32 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 10.41 | 198  | 8312     | 11.94 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.48 | 169  | 461590   | 33.65 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.85 | 248  | 140584   | 33.61 | nq    | 98       |
| 67) Hexachlorobenzene          | 10.92 | 284  | 128434   | 30.13 | nq    | # 88     |
| 68) Atrazine                   | 11.01 | 200  | 134913   | 37.09 | nq    | 98       |
| 69) Pentachlorophenol          | 11.10 | 266  | 114492   | 46.06 | nq    | 99       |
| 70) Phenanthrene               | 11.33 | 178  | 629098   | 29.31 | nq    | 99       |
| 71) Anthracene                 | 11.38 | 178  | 629137   | 28.90 | nq    | 100      |
| 72) Carbazole                  | 11.53 | 167  | 580096   | 28.07 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 840535   | 35.31 | nq    | 99       |
| 74) Fluoranthene               | 12.51 | 202  | 558048   | 24.91 | nq    | 98       |
| 76) Benzidine                  | 12.64 | 184  | 297309   | 32.86 | nq    | # 91     |
| 77) Pyrene                     | 12.74 | 202  | 554753   | 24.58 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.37 | 149  | 262615   | 30.35 | nq    | # 70     |
| 80) Benzo(a)anthracene         | 13.93 | 228  | 473677   | 28.64 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.89 | 252  | 174652   | 31.30 | nq    | # 96     |
| 82) Chrysene                   | 13.96 | 228  | 465790   | 28.31 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.93 | 149  | 342143   | 35.68 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 14.54 | 149  | 644382   | 38.62 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.77 | 276  | 396237   | 32.74 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 14.96 | 252  | 486090   | 28.28 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 14.99 | 252  | 483559   | 29.95 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 15.31 | 252  | 464332   | 30.52 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.79 | 278  | 344025   | 27.77 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.19 | 276  | 303698   | 23.50 | nq    | 94       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF097716.D

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Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

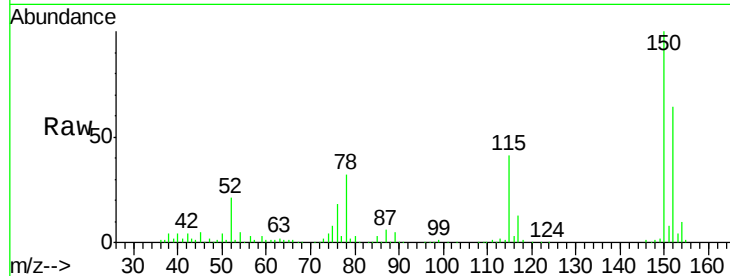
Tot Ion:152 Resp: 146052

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

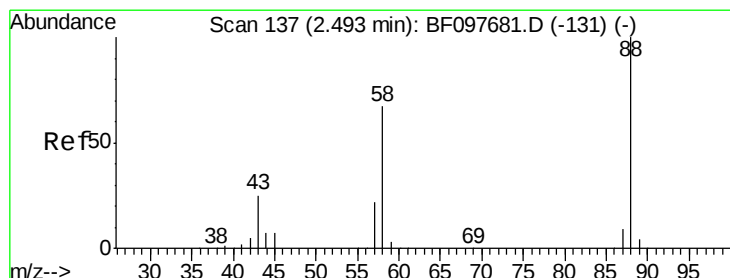
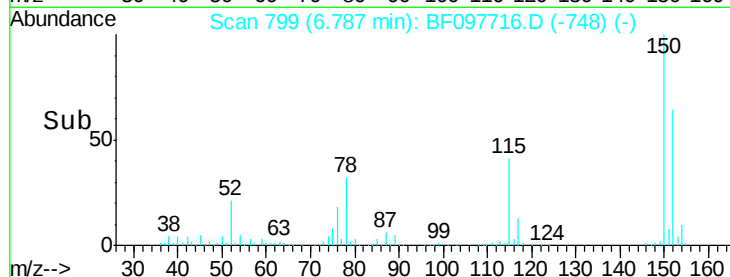
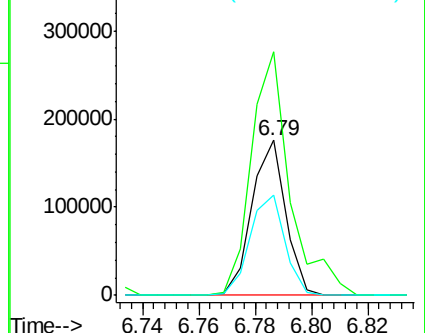
115 64.9 52.2 78.2



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: 21.78 ng

RT: 2.49 min Scan# 69

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

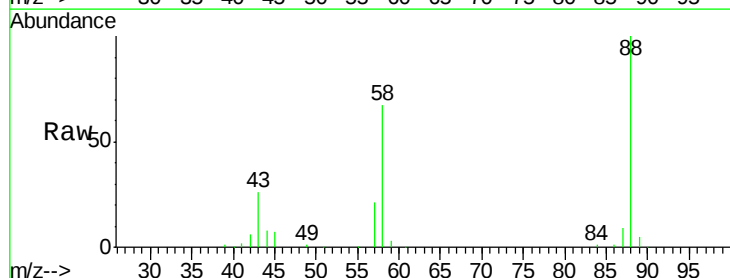
Tgt Ion: 88 Resp: 116606

Ion Ratio Lower Upper

88 100

58 68.4 61.4 92.0

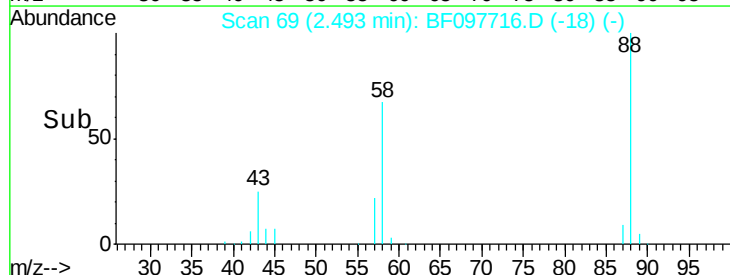
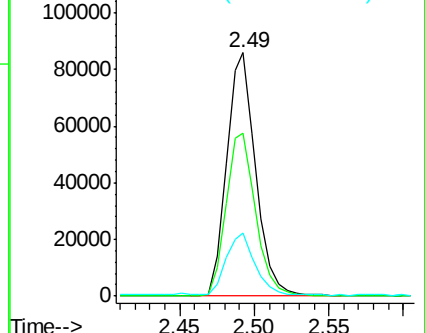
43 25.8 23.4 35.0

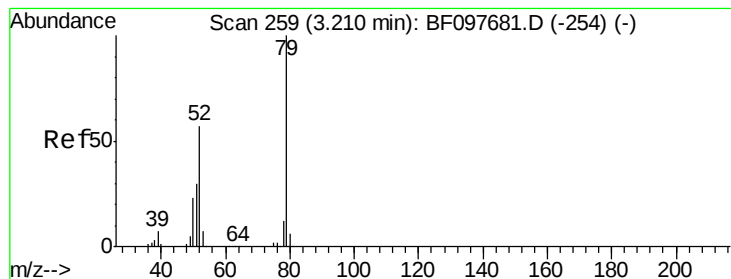


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.05 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.02 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

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ClientSampleId :

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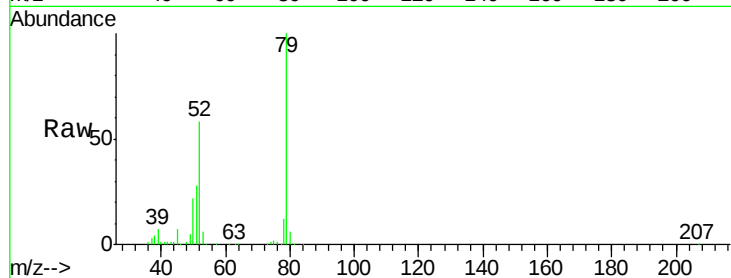
Tot Ion: 79 Resp: 341261

Ion Ratio Lower Upper

79 100

52 57.7 54.8 82.2

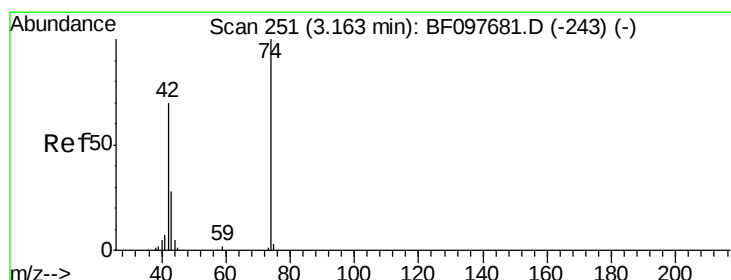
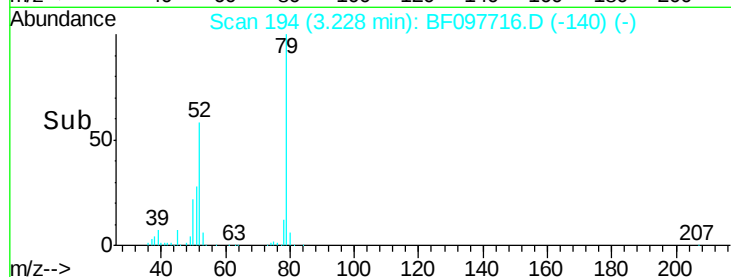
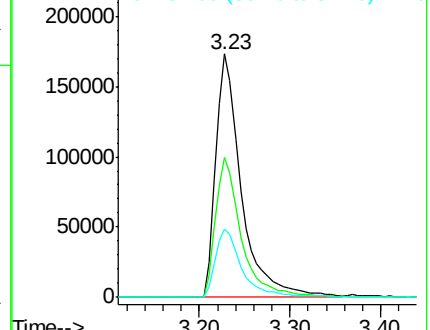
51 27.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.84 ng

RT: 3.16 min Scan# 182

Delta R.T. -0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

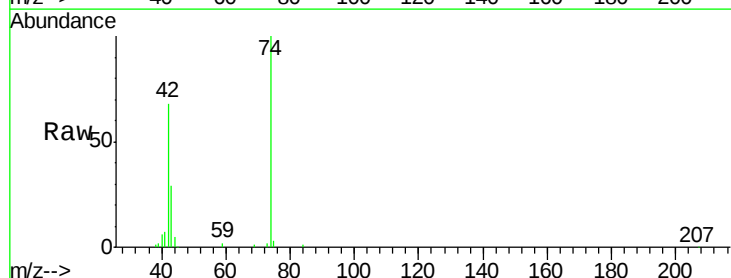
Tgt Ion: 42 Resp: 164302

Ion Ratio Lower Upper

42 100

74 146.2 103.9 155.9

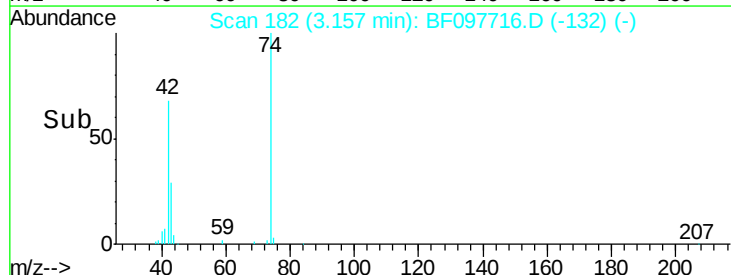
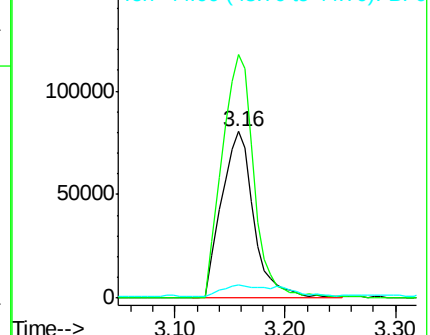
44 7.7 5.7 8.5

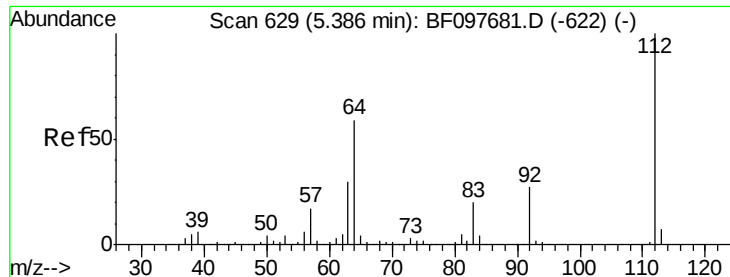


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 88.72 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

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ClientSampleId :

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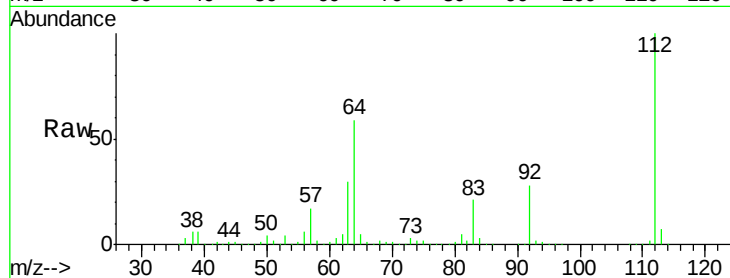
Tot Ion:112 Resp: 851847

Ion Ratio Lower Upper

112 100

64 58.6 46.0 69.0

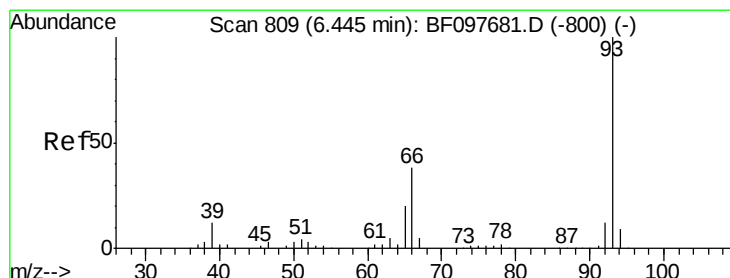
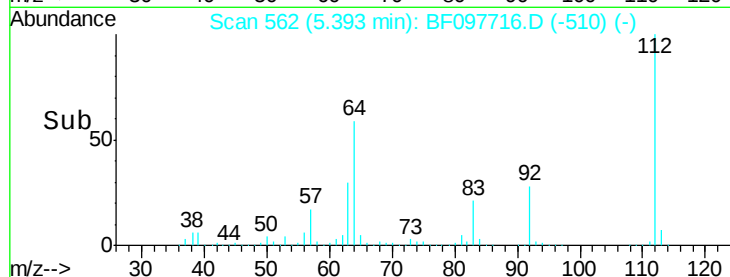
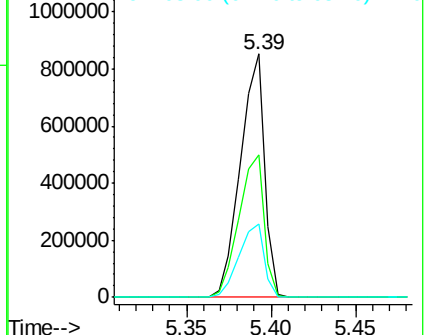
63 30.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.77 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

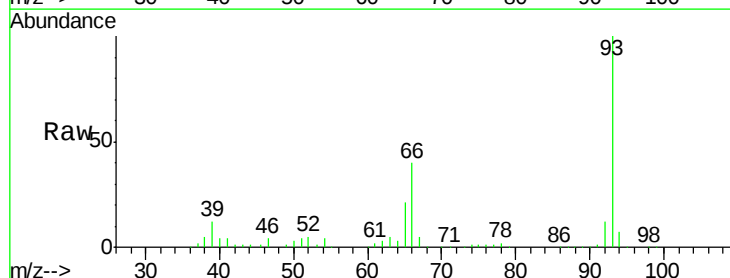
Tgt Ion: 93 Resp: 435715

Ion Ratio Lower Upper

93 100

66 39.6 32.9 49.3

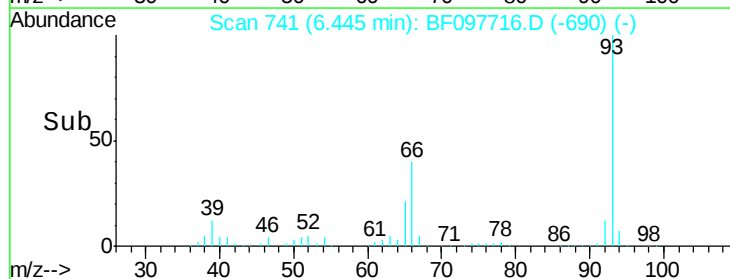
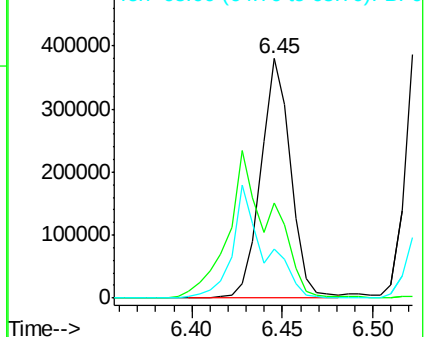
65 20.5 16.0 24.0

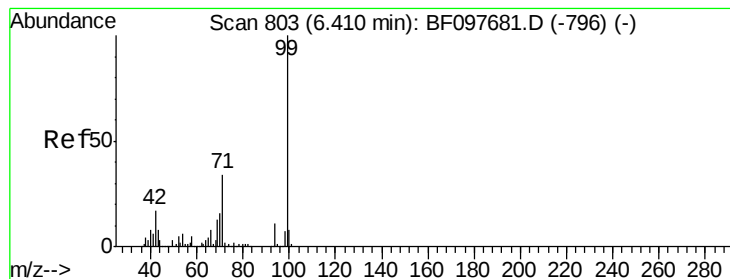


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.60 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

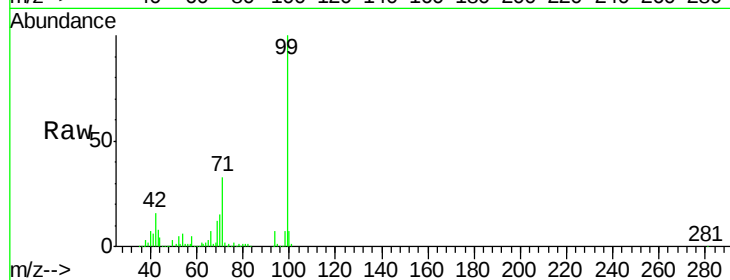
BNA\_F

ClientSampleId :

E2-G9-BASEMS

Tot Ion: 99 Resp: 1195007

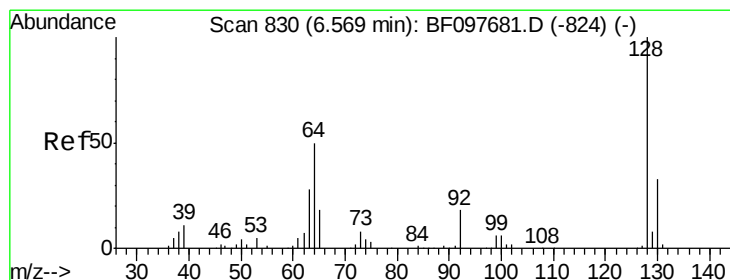
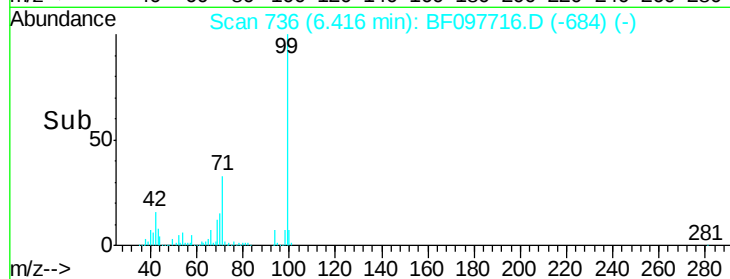
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.1  | 13.5  | 20.3  |
| 71  | 33.1  | 24.5  | 36.7  |



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.41 ng

RT: 6.57 min Scan# 762

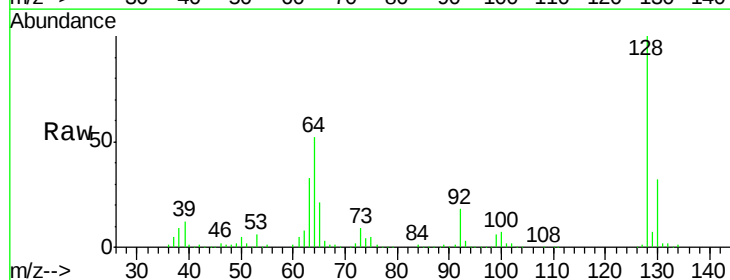
Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Tgt Ion:128 Resp: 307950

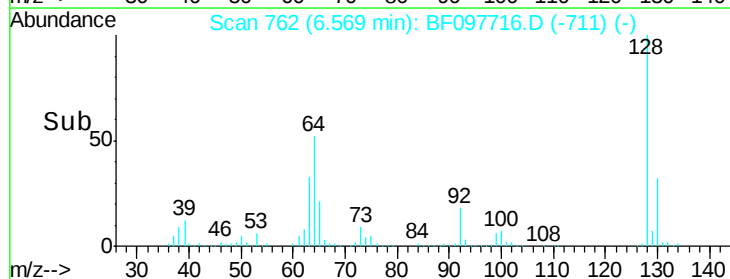
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.3  | 12.9  | 52.9  |
| 64  | 52.0  | 28.4  | 68.4  |

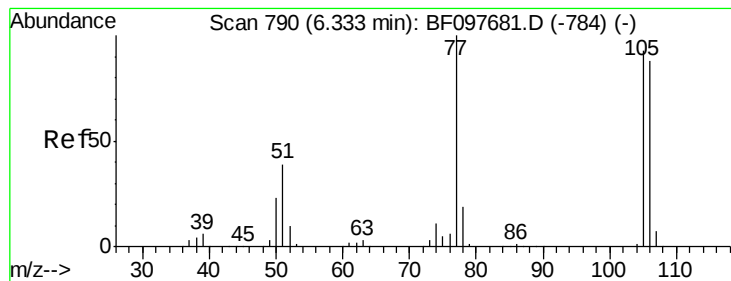


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.80 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

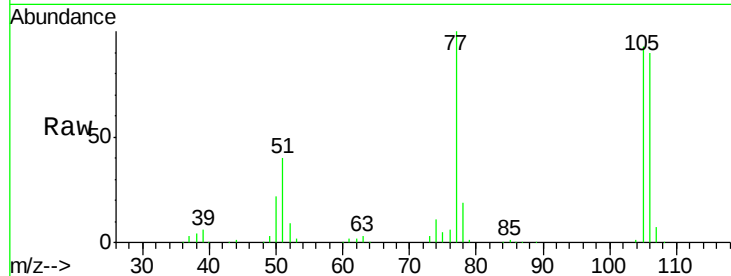
Tot Ion: 77 Resp: 155336

Ion Ratio Lower Upper

77 100

105 93.1 83.8 123.8

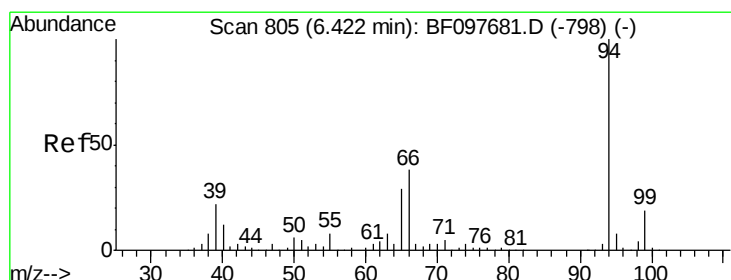
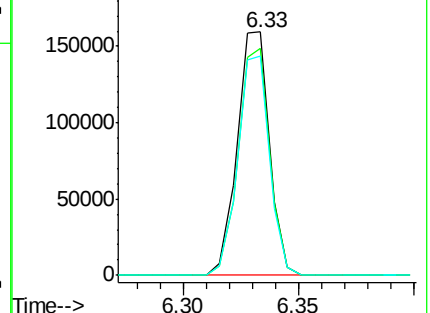
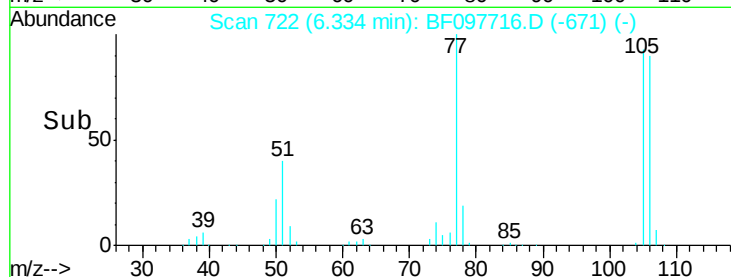
106 90.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.21 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

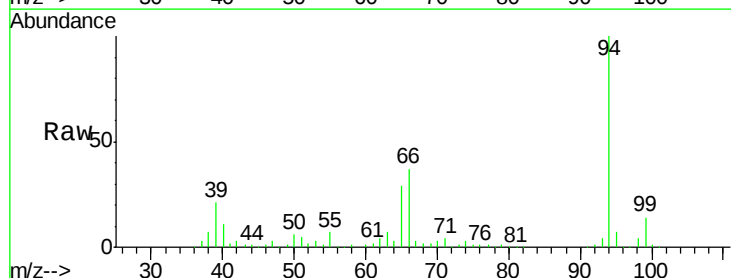
Tgt Ion: 94 Resp: 506779

Ion Ratio Lower Upper

94 100

65 28.6 9.9 49.9

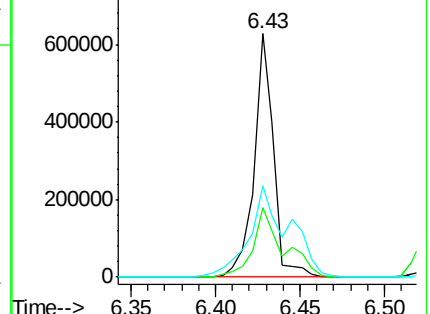
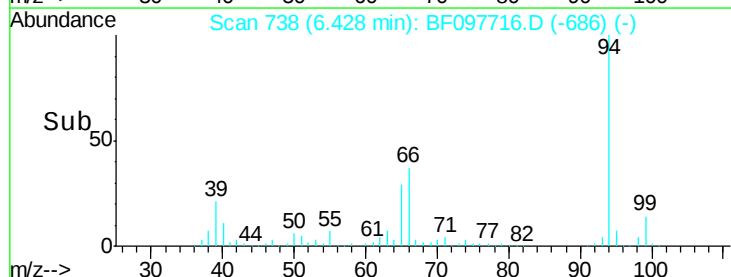
66 37.3 23.1 63.1

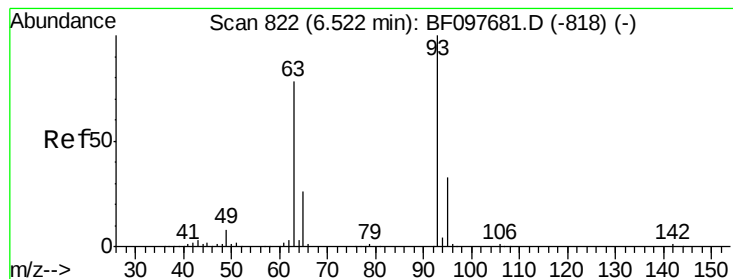


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 30.05 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

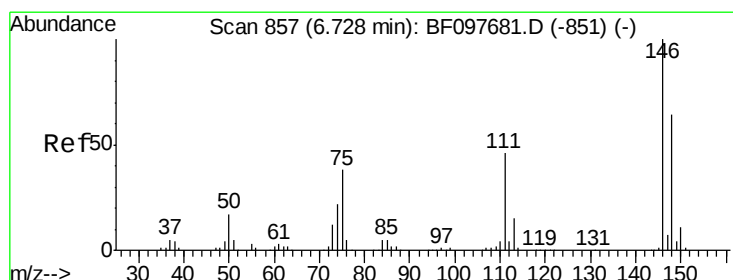
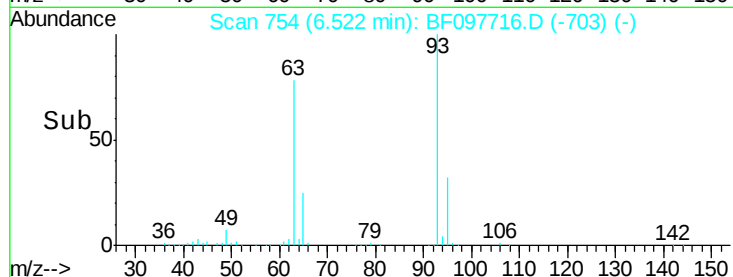
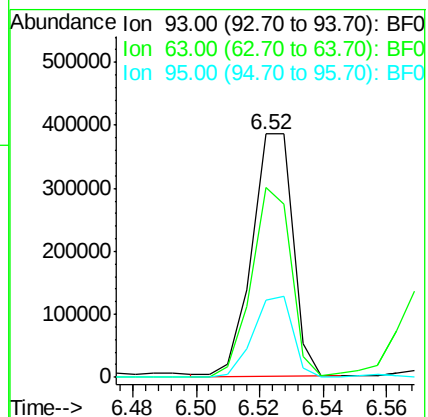
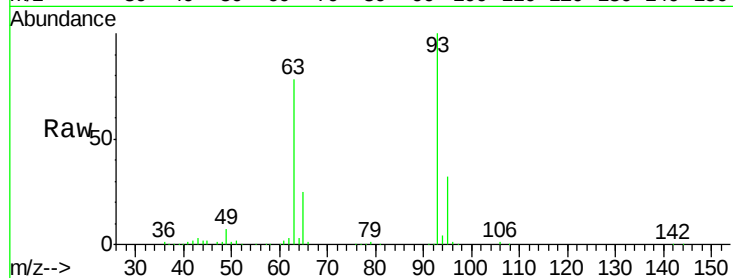
Tot Ion: 93 Resp: 346035

Ion Ratio Lower Upper

93 100

63 77.8 59.2 99.2

95 31.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 25.56 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

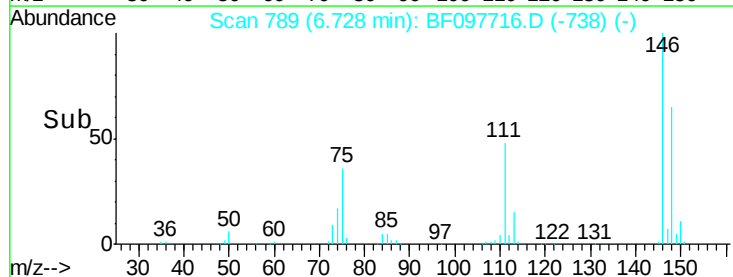
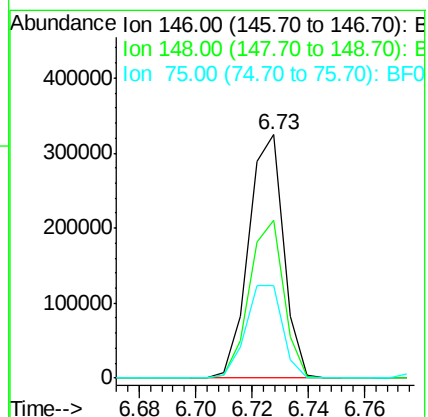
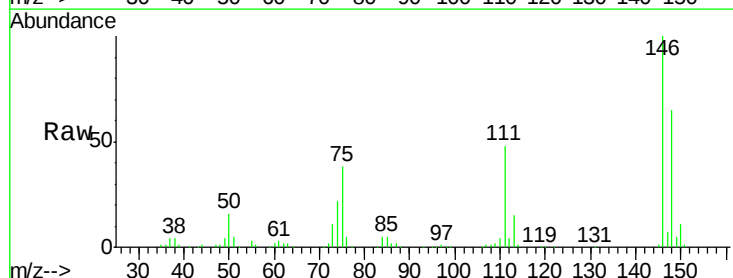
Tgt Ion: 146 Resp: 278395

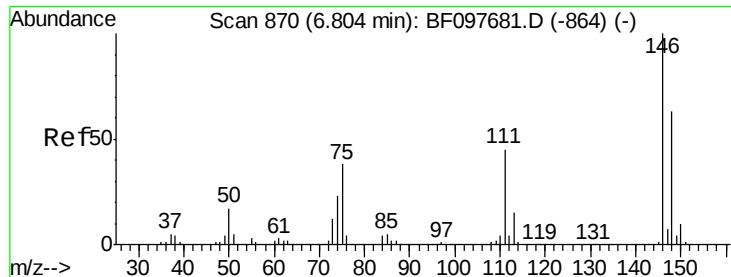
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

75 38.0 23.1 34.7#

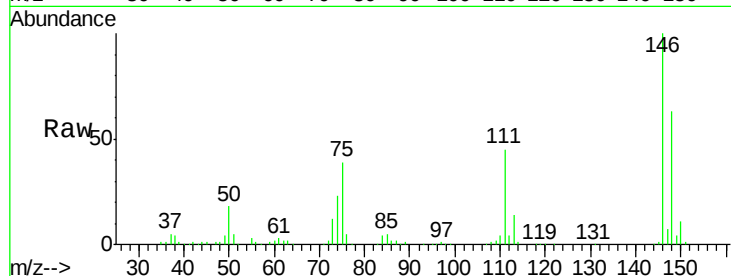




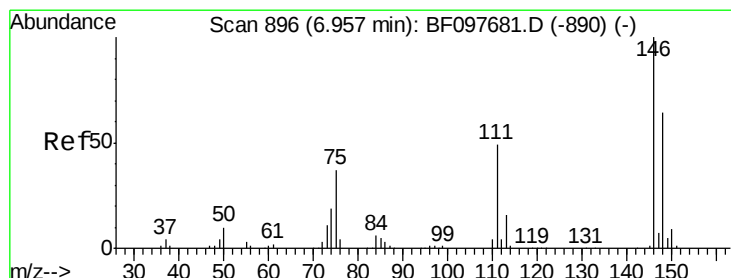
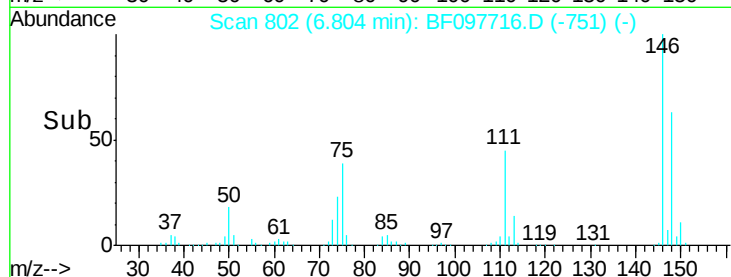
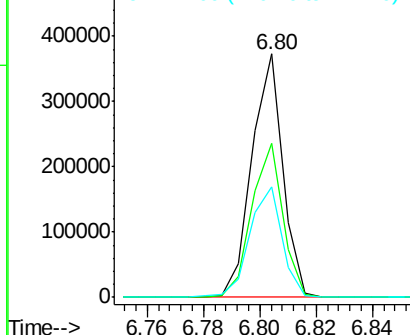
#13  
 1,4-Dichlorobenzene  
 Concen: 25.65 ng  
 RT: 6.80 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

Tot Ion:146 Resp: 284132  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.2 78.2  
 111 45.2 30.3 45.5

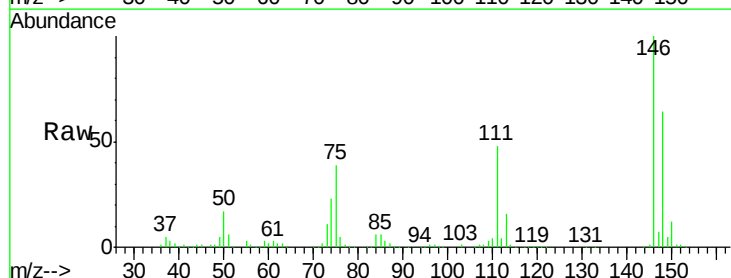


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

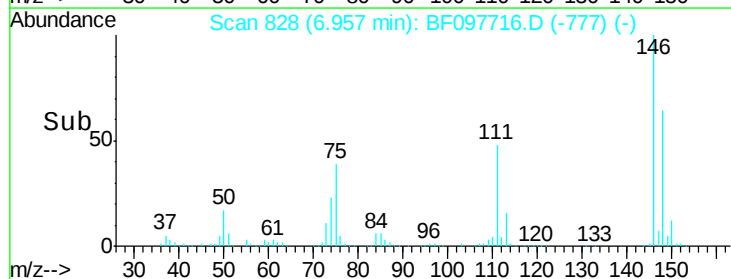
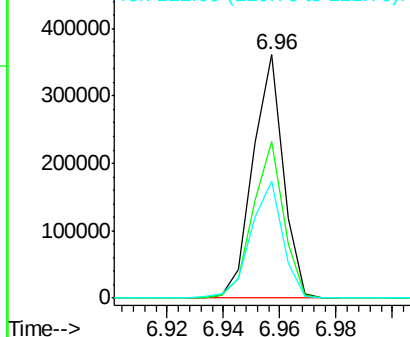


#14  
 1,2-Dichlorobenzene  
 Concen: 26.43 ng  
 RT: 6.96 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

Tgt Ion:146 Resp: 269974  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 50.4 75.6  
 111 47.9 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 33.32 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

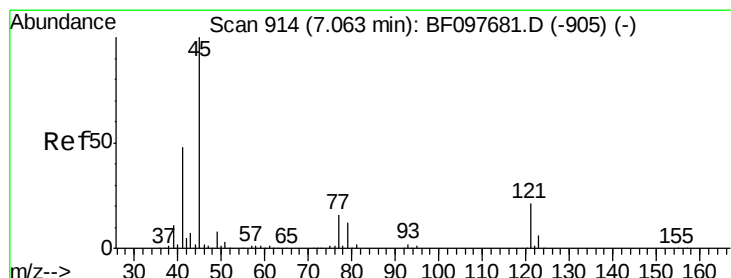
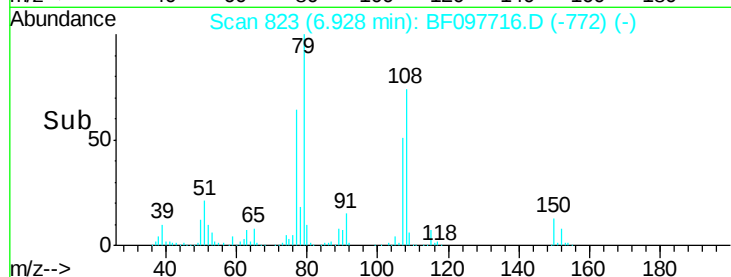
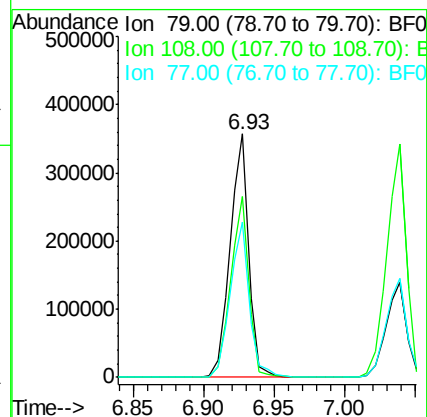
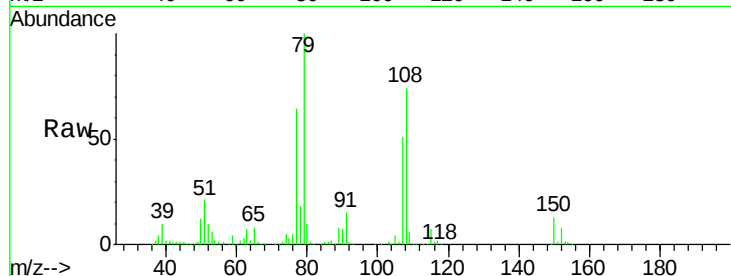
Tot Ion: 79 Resp: 325497

Ion Ratio Lower Upper

79 100

108 74.4 63.4 95.0

77 64.0 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.29 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

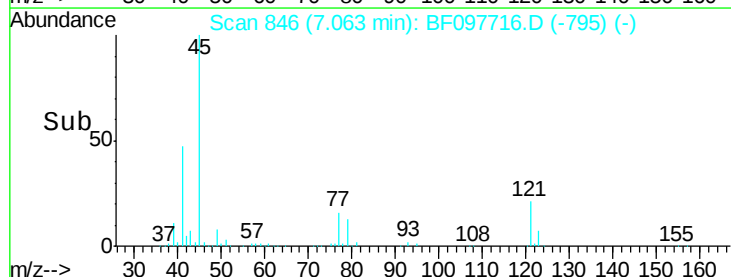
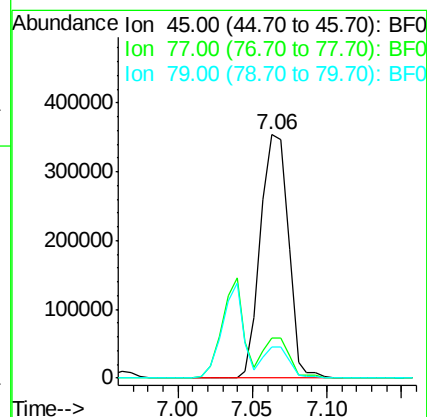
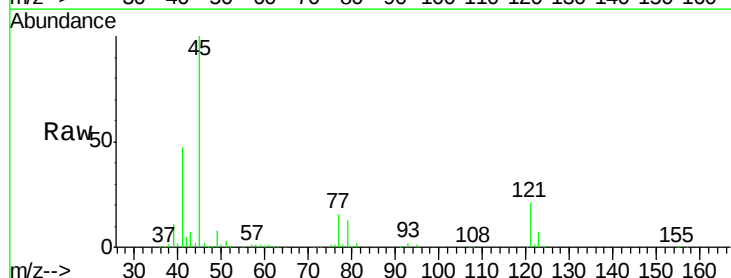
Tgt Ion: 45 Resp: 453804

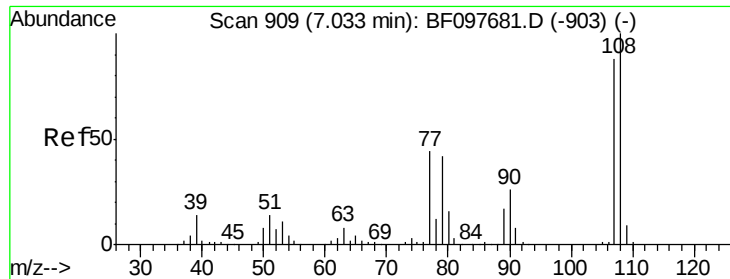
Ion Ratio Lower Upper

45 100

77 16.4 0.0 33.2

79 12.9 0.0 30.0

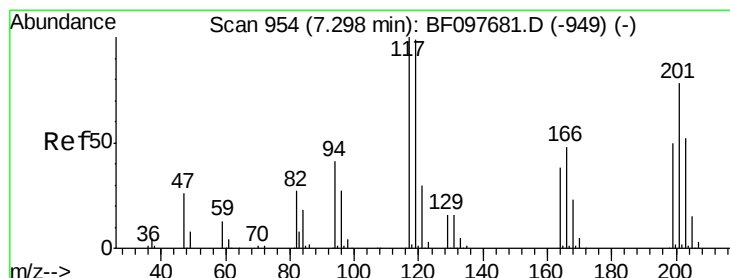
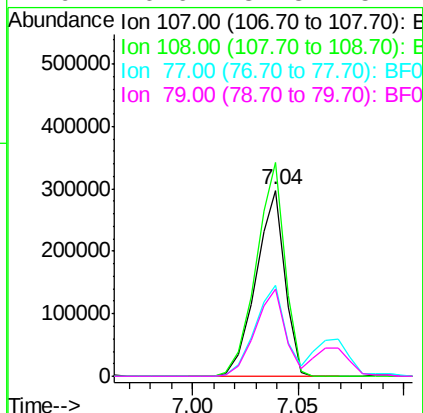
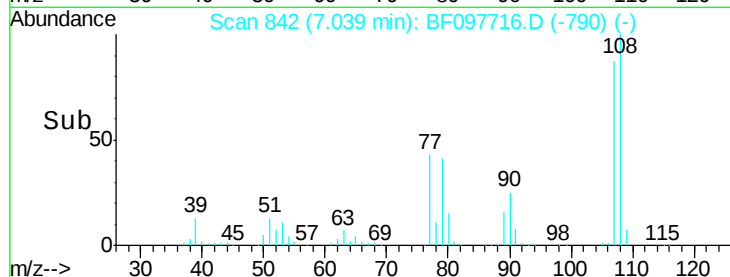
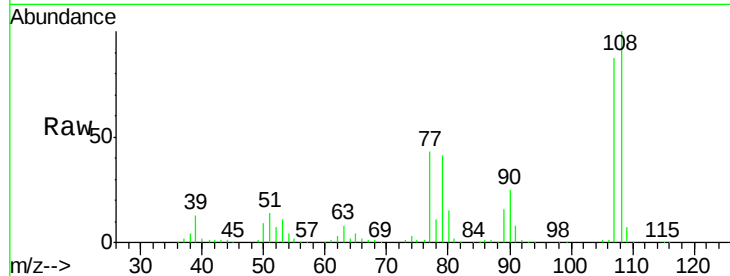




#17  
2-Methylphenol  
Concen: 31.84 ng  
RT: 7.04 min Scan# 842  
Delta R.T. 0.01 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

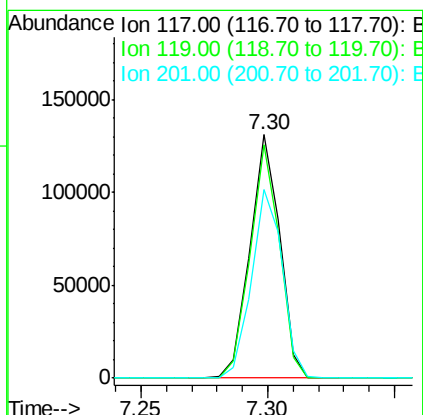
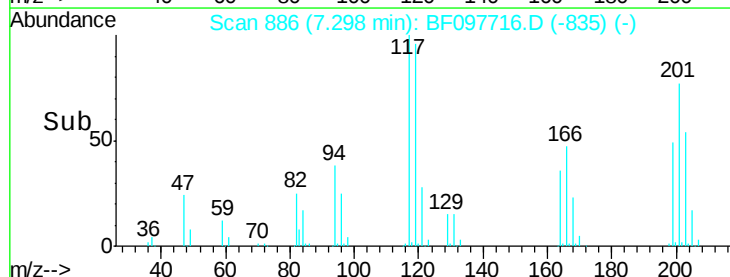
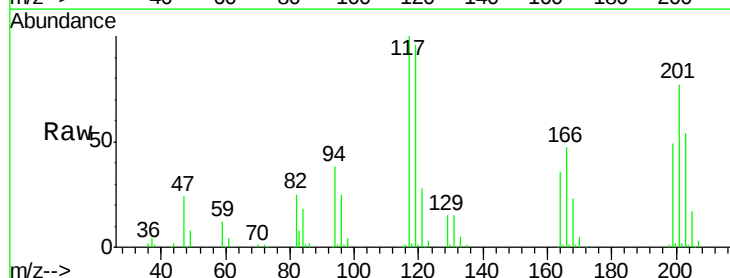
Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

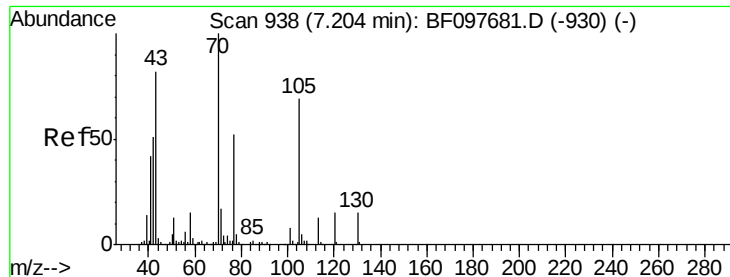
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 114.8 | 93.4  | 140.0 |
| 77      | 49.0  | 35.8  | 53.6  |
| 79      | 46.6  | 34.8  | 52.2  |



#18  
Hexachloroethane  
Concen: 24.75 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 95.7  | 77.4  | 116.0  |
| 201     | 77.3  | 94.6  | 141.8# |

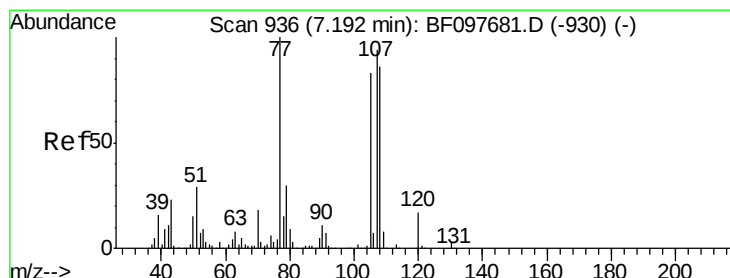
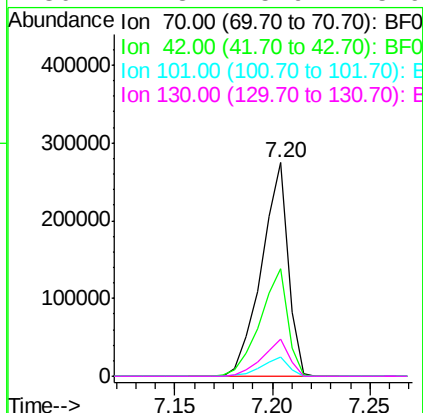
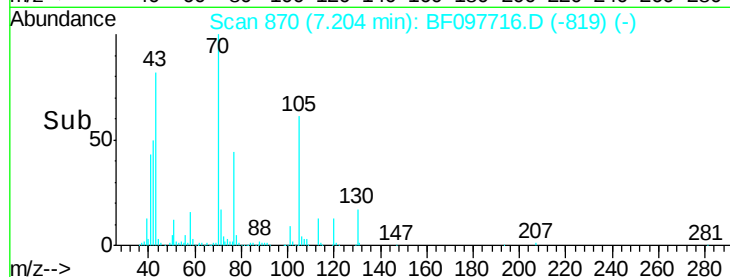
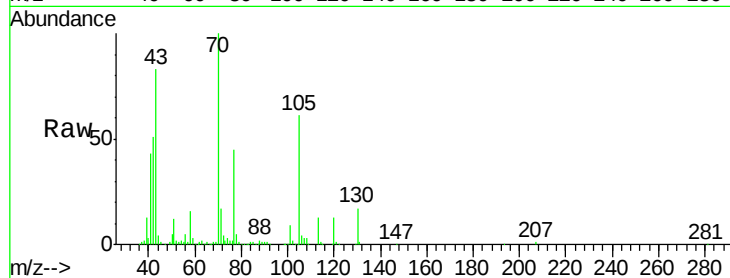




#19  
n-Nitroso-di-n-propylamine  
Concen: 29.11 ng  
RT: 7.20 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

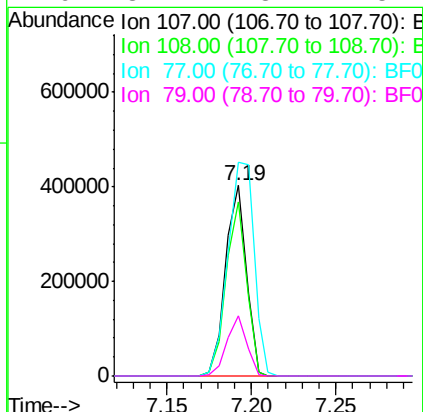
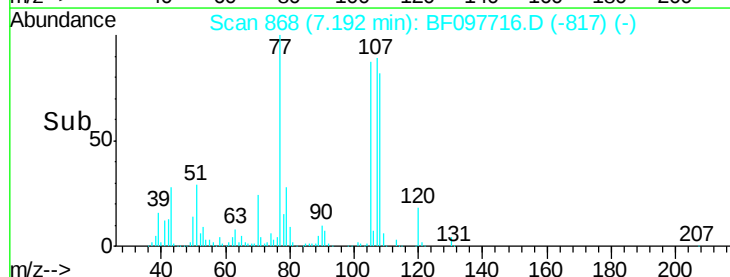
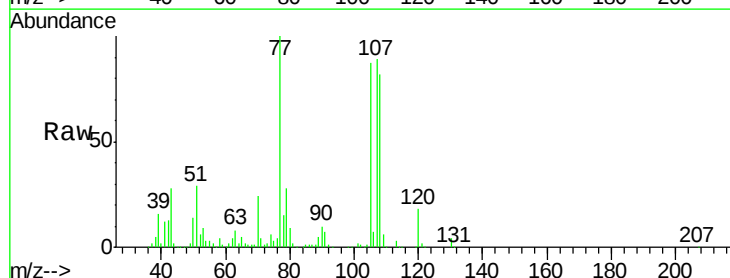
Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

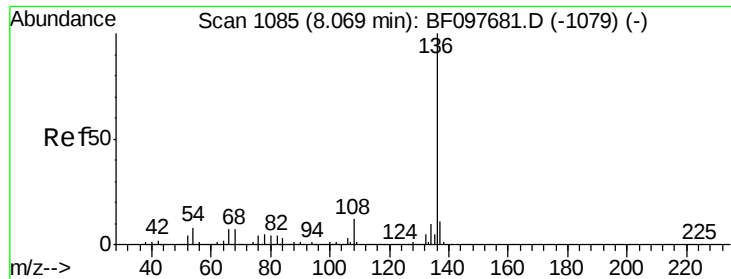
Tot Ion: 70 Resp: 259989  
Ion Ratio Lower Upper  
70 100  
42 50.6 47.2 70.8  
101 8.8 7.2 10.8  
130 17.3 15.9 23.9



#20  
3+4-Methylphenols  
Concen: 31.78 ng  
RT: 7.19 min Scan# 868  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Tgt Ion: 107 Resp: 346426  
Ion Ratio Lower Upper  
107 100  
108 91.7 71.0 111.0  
77 112.3 90.5 130.5  
79 31.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

Tot Ion:136 Resp: 581796

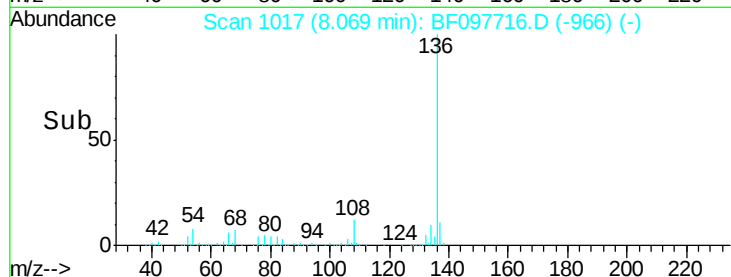
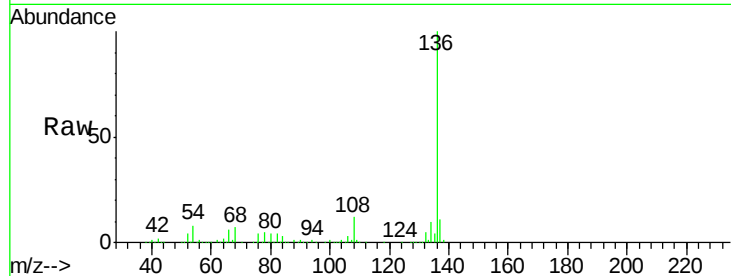
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.0 4.9 7.3#

68 7.2 4.1 6.1#

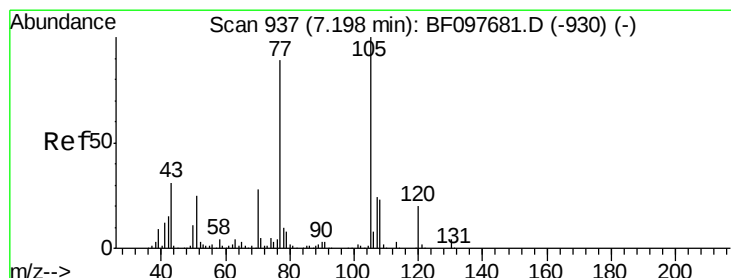
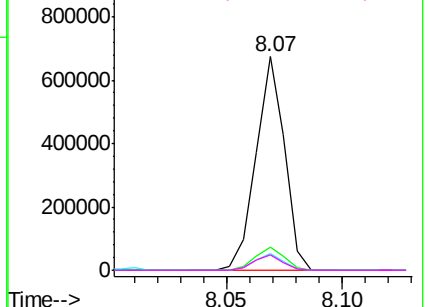


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.96 ng

RT: 7.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Tgt Ion:105 Resp: 460542

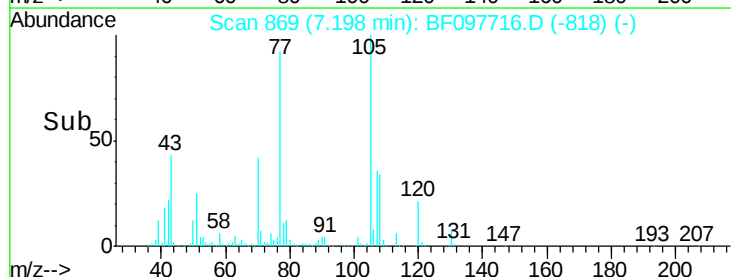
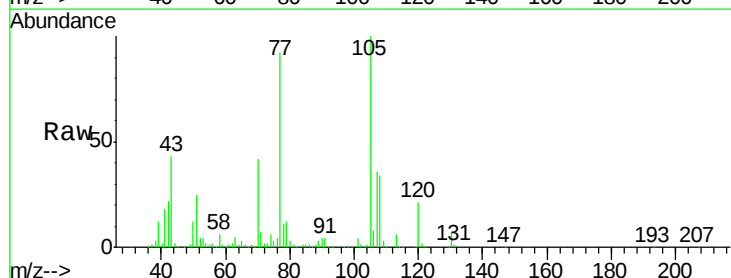
Ion Ratio Lower Upper

105 100

71 7.0 2.8 4.2#

51 24.8 30.7 46.1#

120 20.5 17.4 26.0

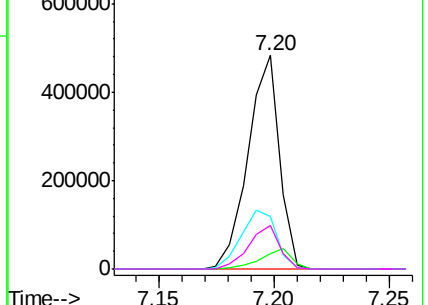


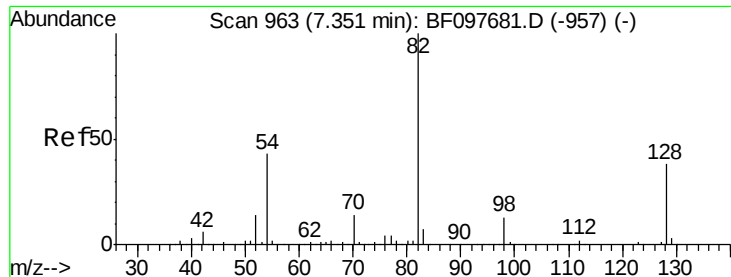
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

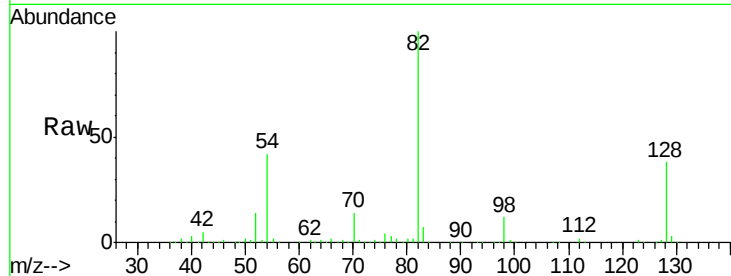




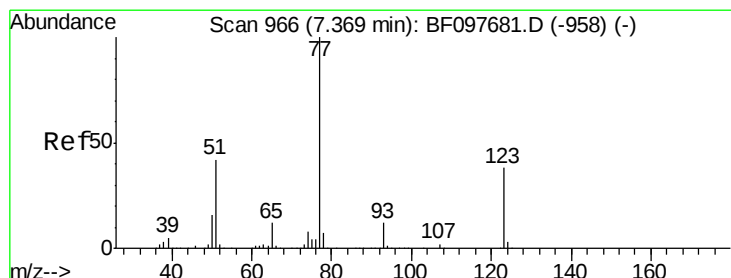
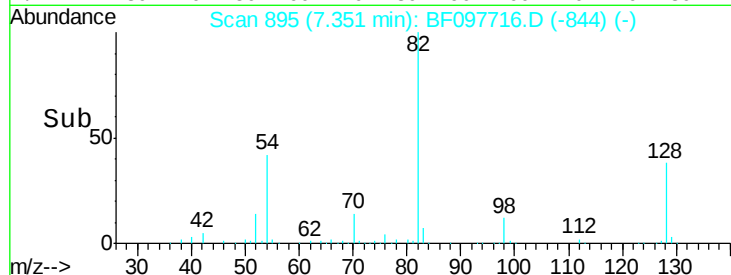
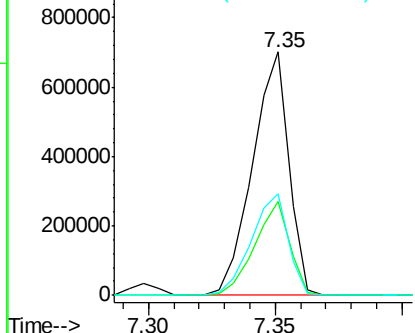
#23  
 Nitrobenzene-d5  
 Concen: 65.35 ng  
 RT: 7.35 min Scan# 895  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.5  | 34.0  | 51.0  |
| 54      | 41.6  | 42.2  | 63.2# |

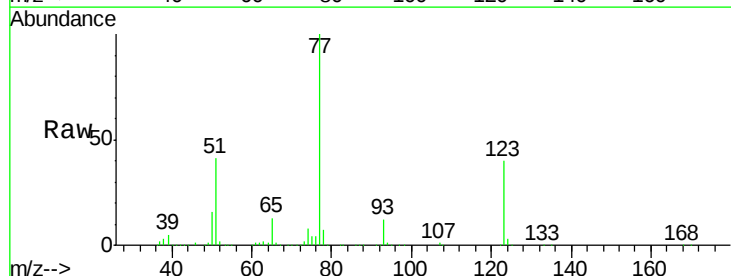


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

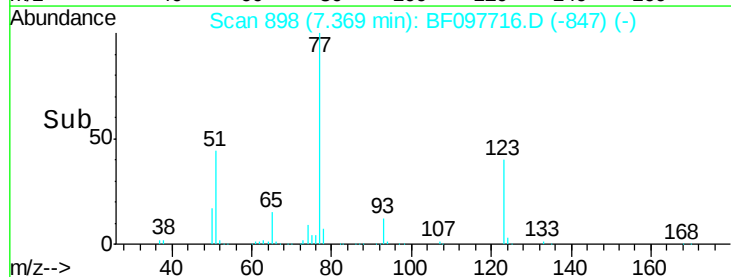
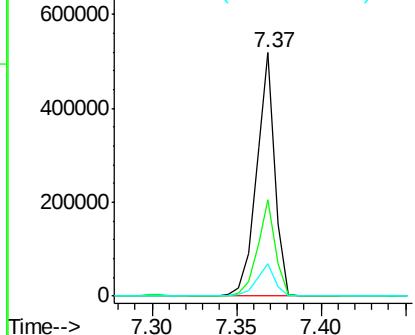


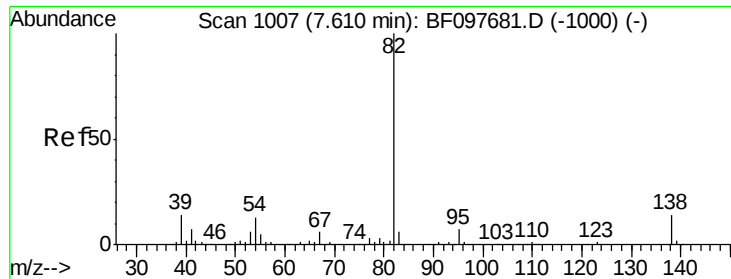
#24  
 Nitrobenzene  
 Concen: 32.85 ng  
 RT: 7.37 min Scan# 898  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.8  | 35.8  | 53.8  |
| 65      | 13.2  | 10.6  | 15.8  |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): B  
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.73 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

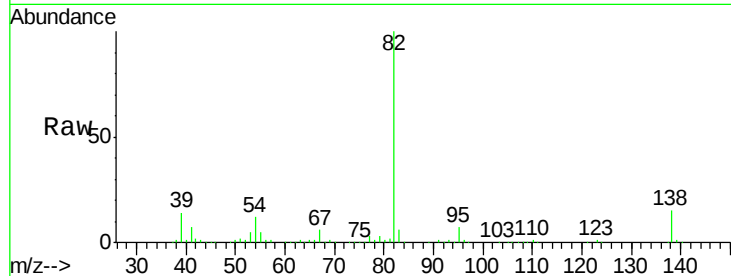
Tot Ion: 82 Resp: 706621

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

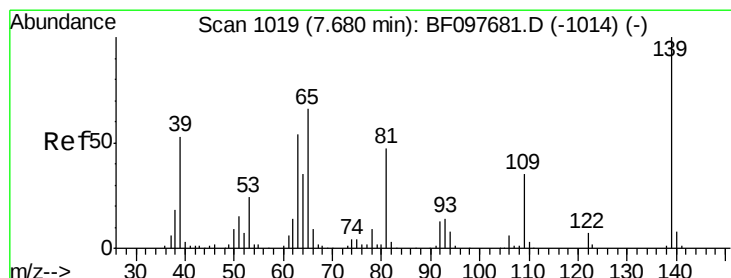
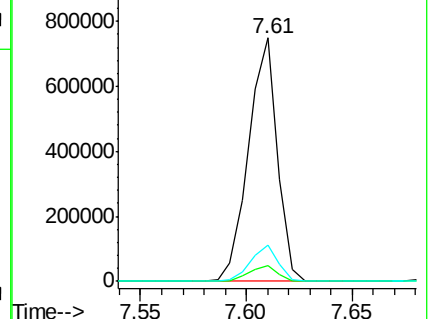
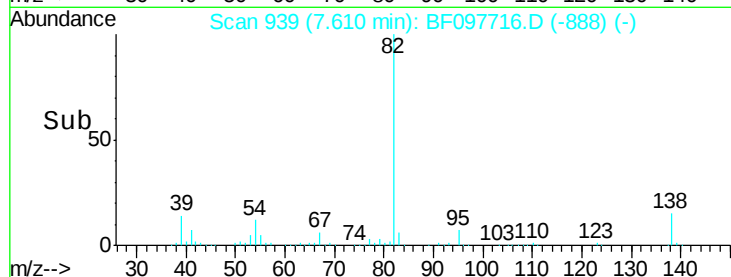
138 14.9 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.06 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

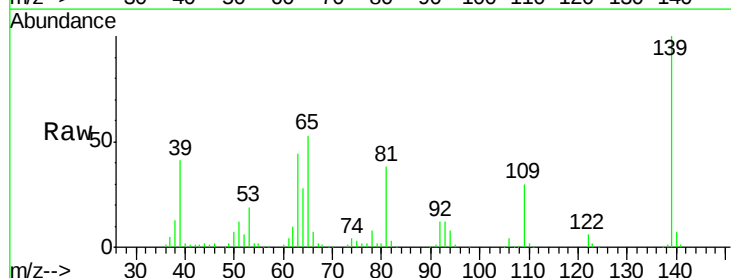
Tgt Ion: 139 Resp: 139722

Ion Ratio Lower Upper

139 100

109 30.4 21.0 31.6

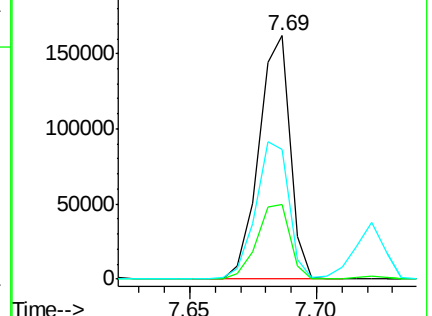
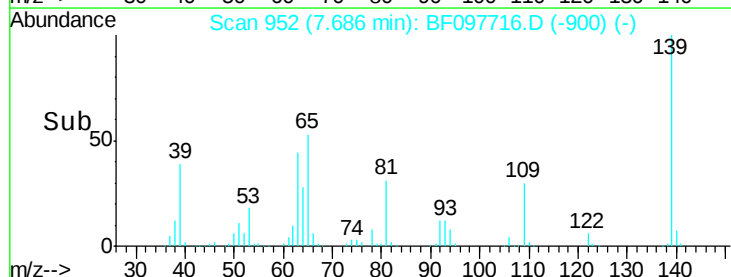
65 53.3 33.0 49.6#

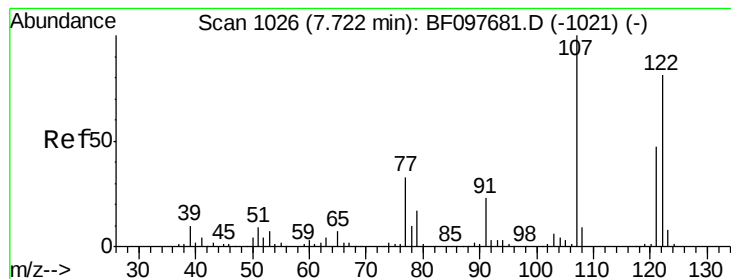


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

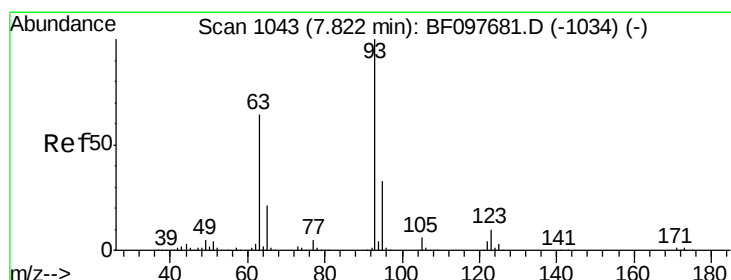
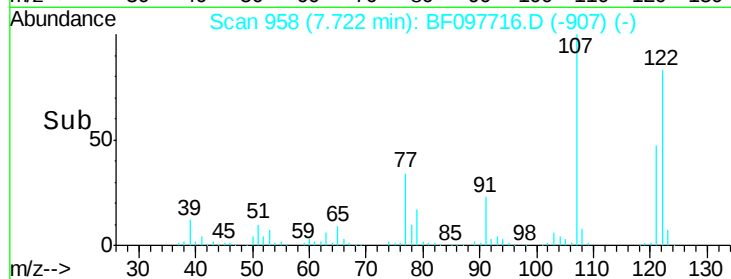
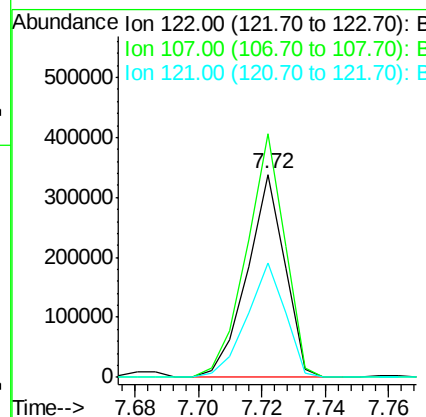
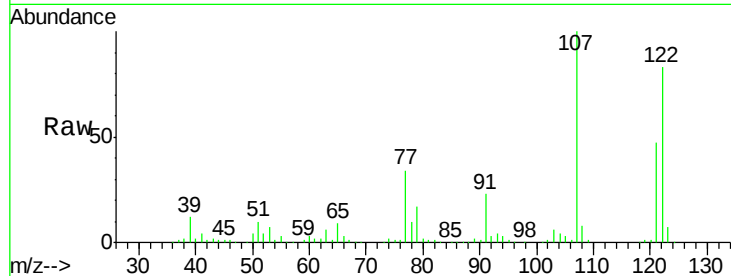




#27  
 2,4-Dimethylphenol  
 Concen: 29.96 ng  
 RT: 7.72 min Scan# 958  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

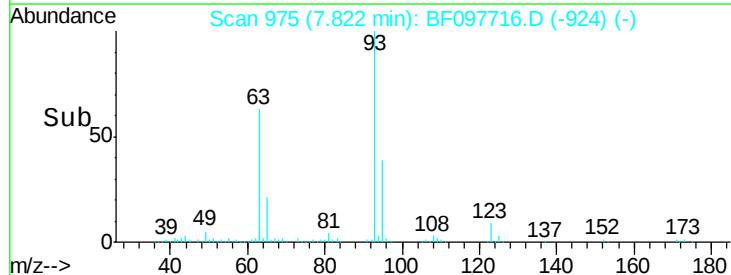
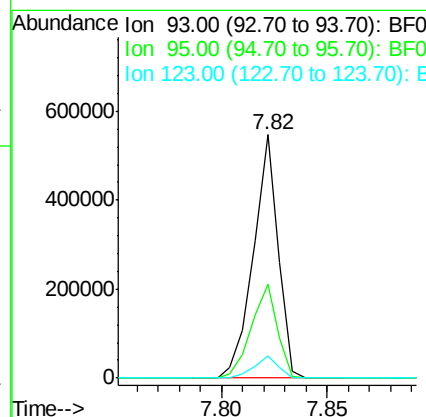
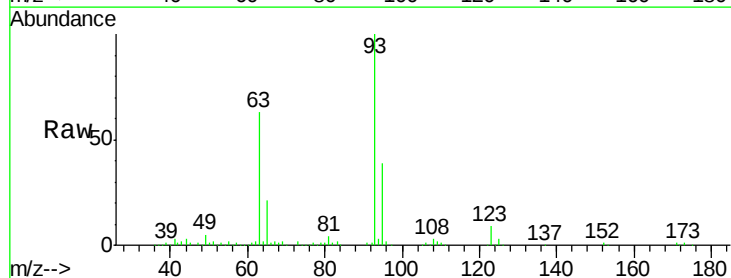
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

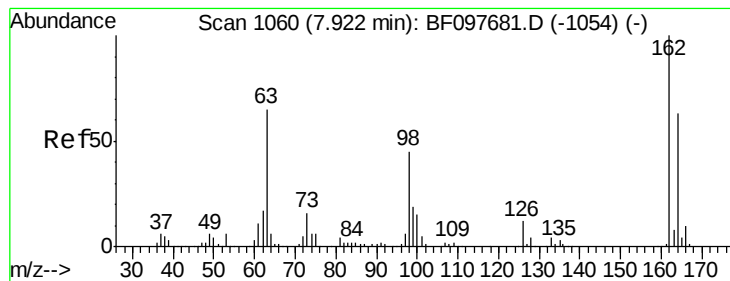
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 120.1 | 89.2  | 133.8 |
| 121     | 56.7  | 45.2  | 67.8  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 30.48 ng  
 RT: 7.82 min Scan# 975  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 38.6  | 26.5  | 39.7  |
| 123     | 9.2   | 9.0   | 13.4  |





#29

2,4-Dichlorophenol

Concen: 31.12 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

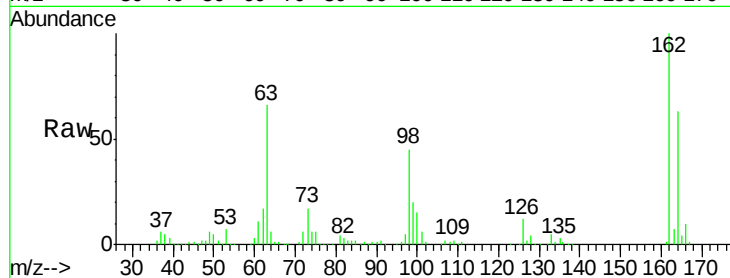
Tot Ion:162 Resp: 239911

Ion Ratio Lower Upper

162 100

164 63.3 44.6 84.6

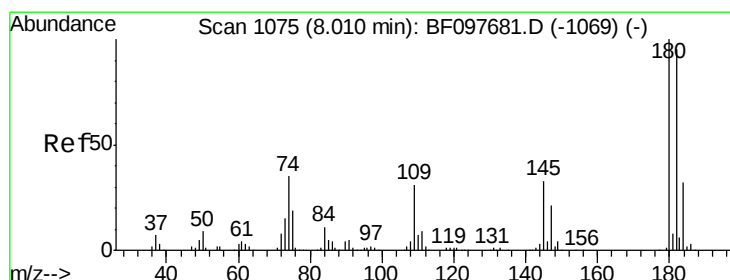
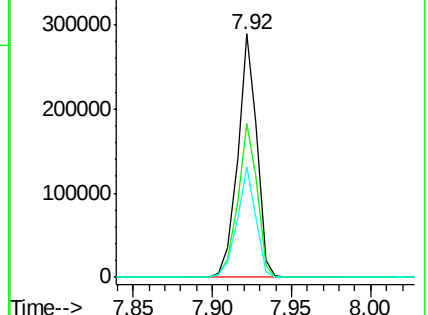
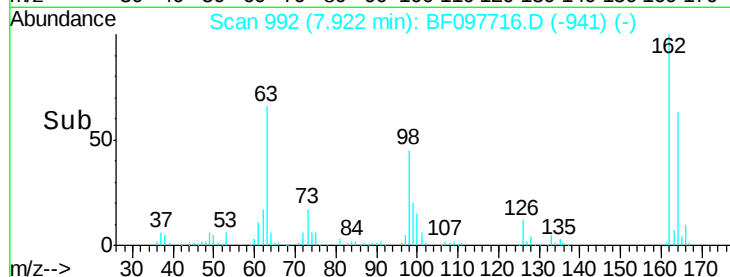
98 45.1 14.8 54.8



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 27.04 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

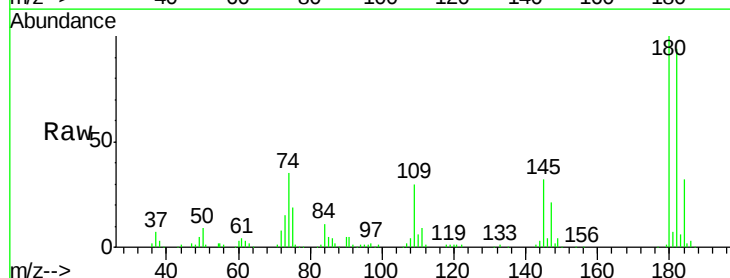
Tgt Ion:180 Resp: 231118

Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.6

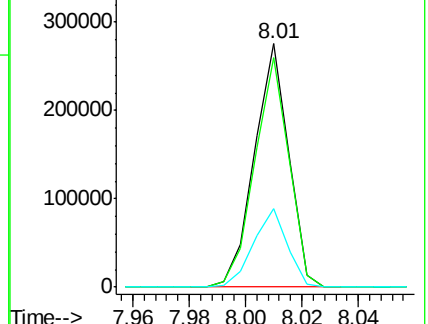
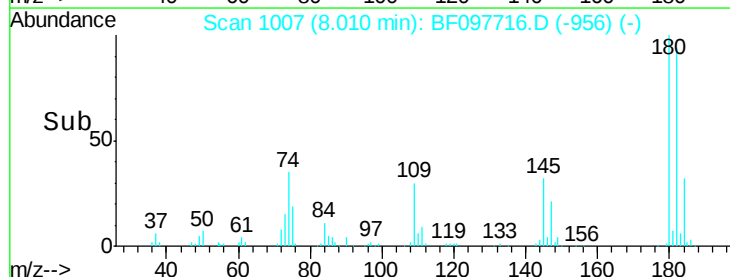
145 32.4 25.3 37.9

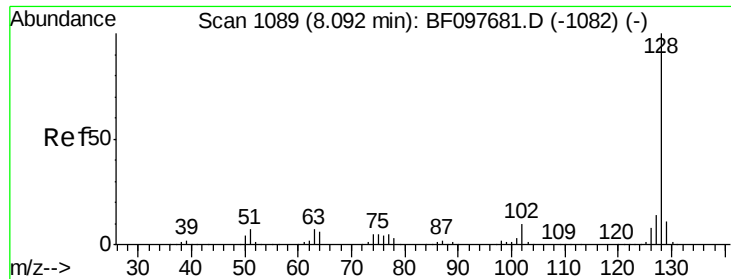


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

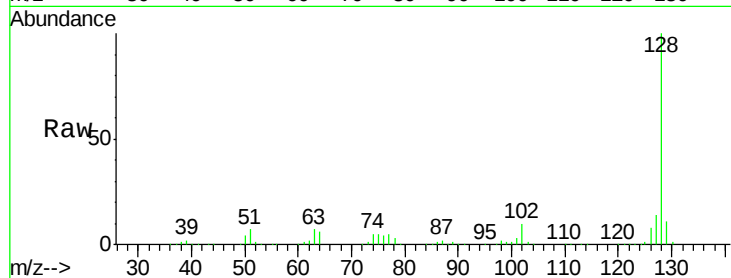




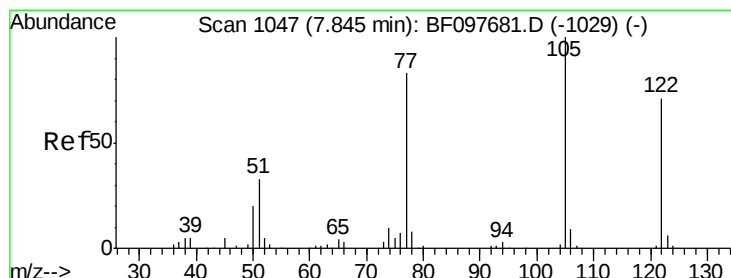
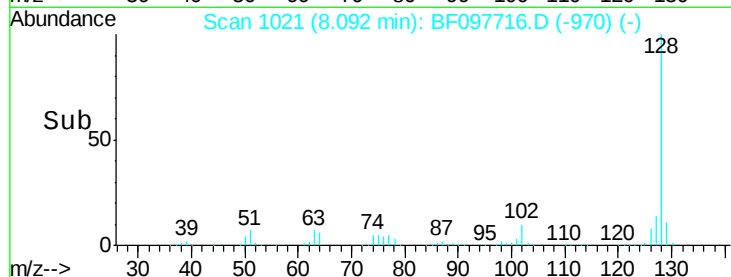
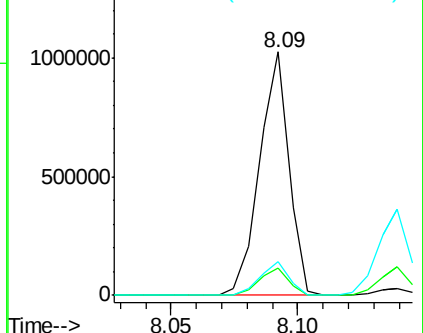
#31  
Naphthalene  
Concen: 27.59 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

Tot Ion:128 Resp: 833306  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.6  
127 13.8 10.8 16.2

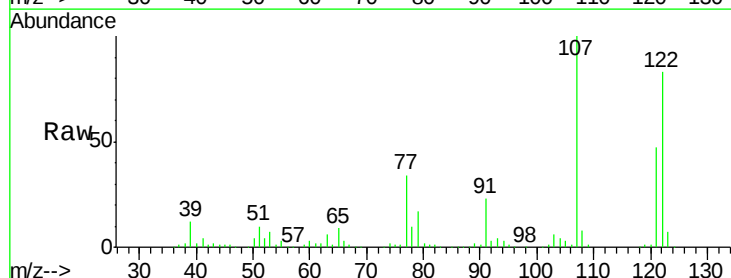


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

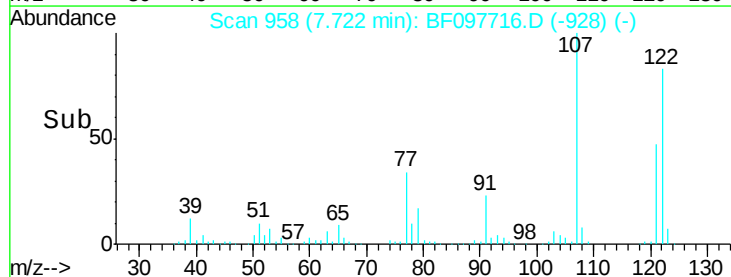
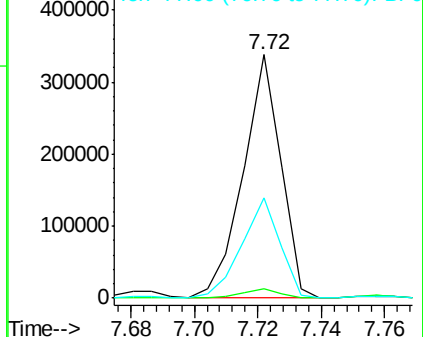


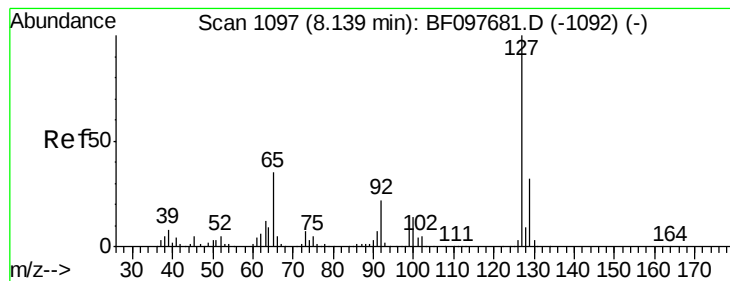
#32  
Benzoic acid  
Concen: 42.04 ng  
RT: 7.72 min Scan# 958  
Delta R.T. -0.12 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Tgt Ion:122 Resp: 278233  
Ion Ratio Lower Upper  
122 100  
105 3.8 103.3 143.3#  
77 41.2 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 24.42 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

Tot Ion:127 Resp: 311075

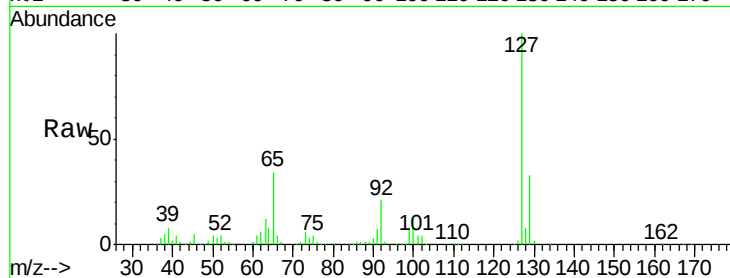
Ion Ratio Lower Upper

127 100

129 32.6 26.2 39.2

65 33.6 27.8 41.8

92 20.9 16.8 25.2

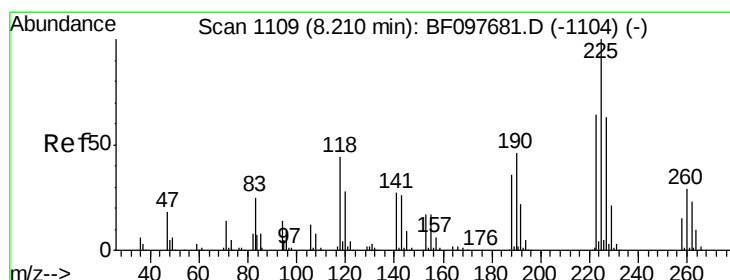
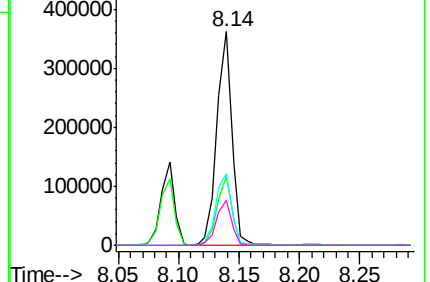
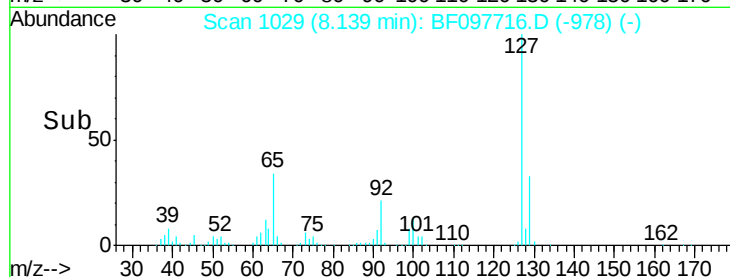


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 26.40 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

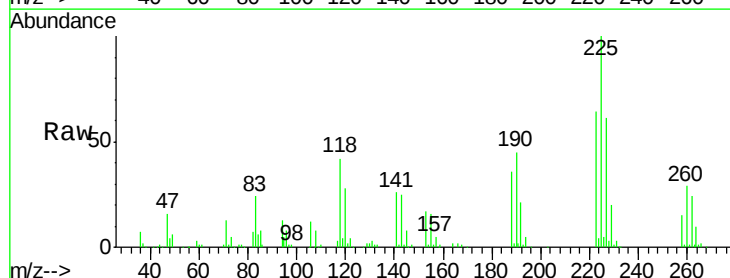
Tgt Ion:225 Resp: 131711

Ion Ratio Lower Upper

225 100

223 63.5 48.8 73.2

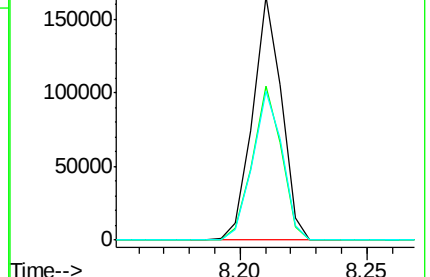
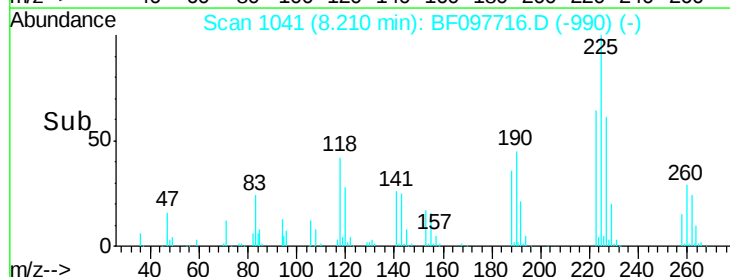
227 61.2 51.1 76.7

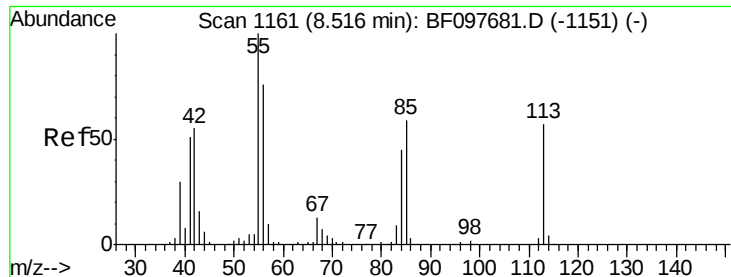


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

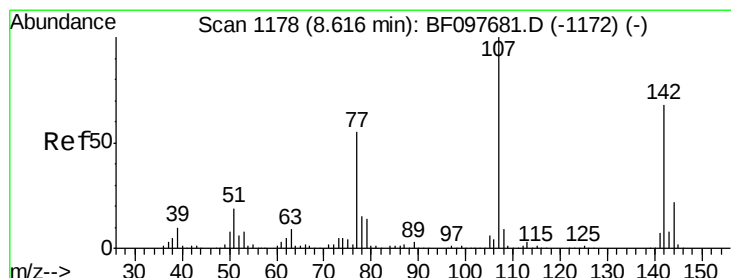
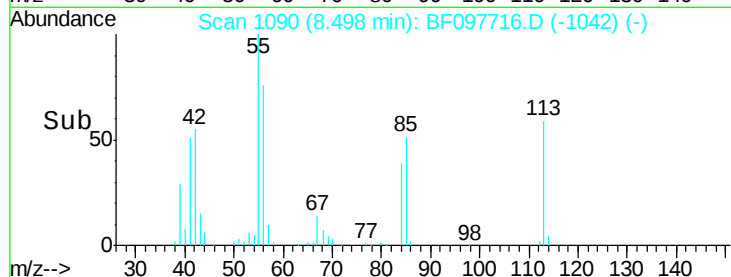
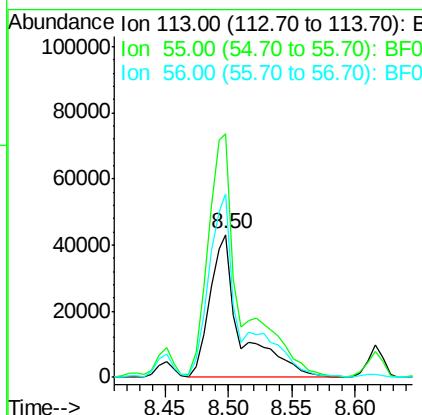
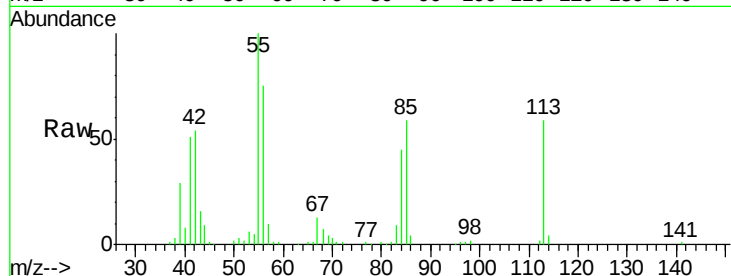




#35  
 Caprolactam  
 Concen: 28.56 ng  
 RT: 8.50 min Scan# 1090  
 Delta R.T. -0.02 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

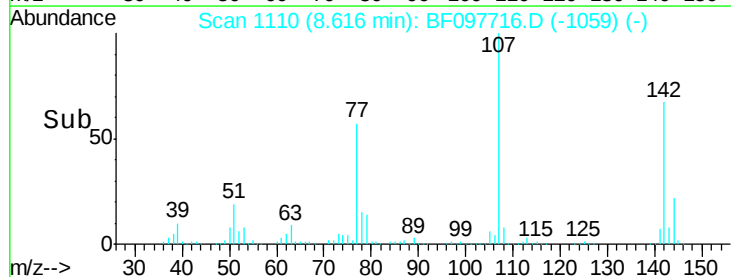
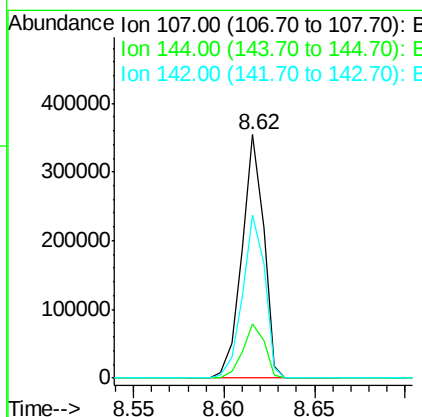
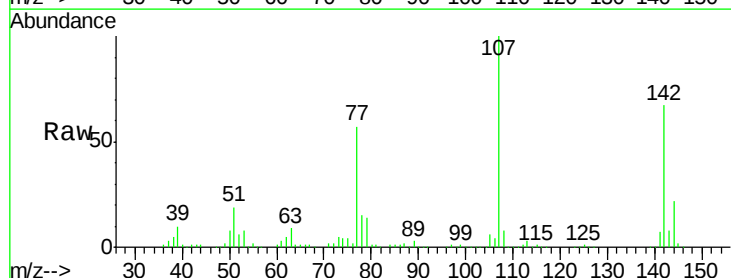
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

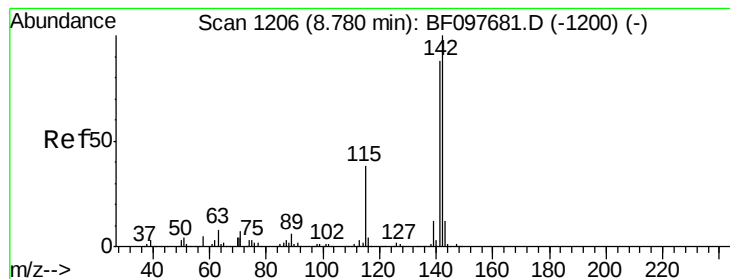
Tot Ion:113 Resp: 74865  
 Ion Ratio Lower Upper  
 113 100  
 55 170.7 150.2 190.2  
 56 128.7 107.8 147.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 29.89 ng  
 RT: 8.62 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

Tgt Ion:107 Resp: 296103  
 Ion Ratio Lower Upper  
 107 100  
 144 22.3 24.2 36.4#  
 142 66.8 73.4 110.0#





#37

2-Methylnaphthalene

Concen: 29.53 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

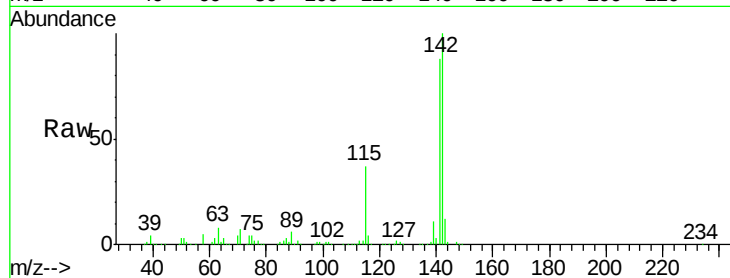
Tot Ion:142 Resp: 546798

Ion Ratio Lower Upper

142 100

141 87.5 71.3 106.9

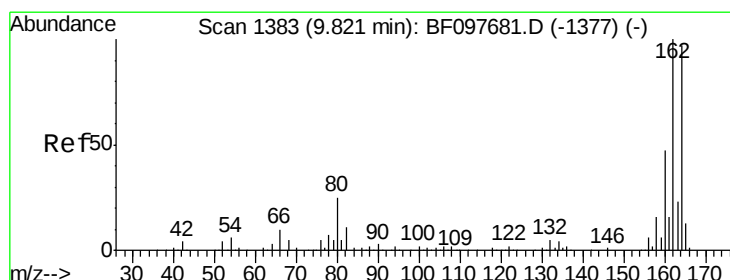
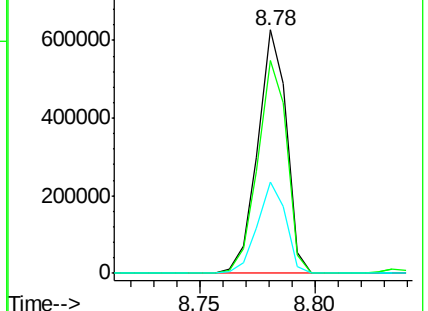
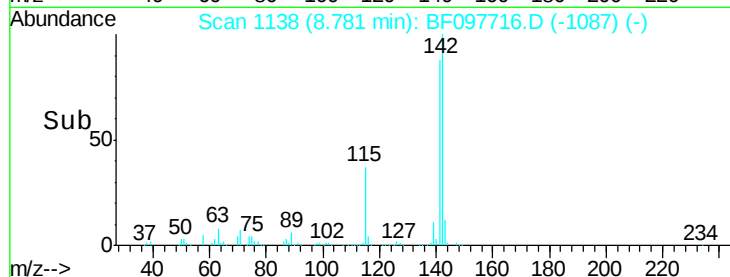
115 37.4 27.1 40.7



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: 20.00 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

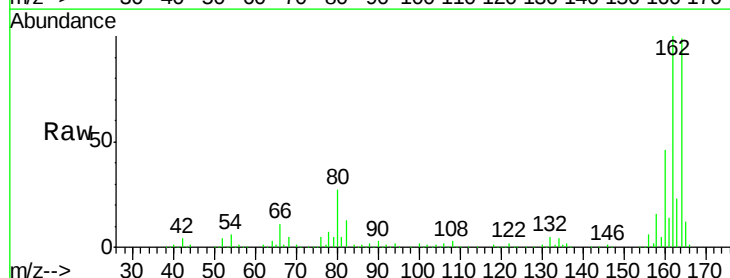
Tgt Ion:164 Resp: 247818

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

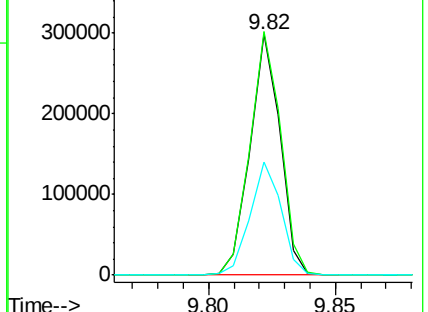
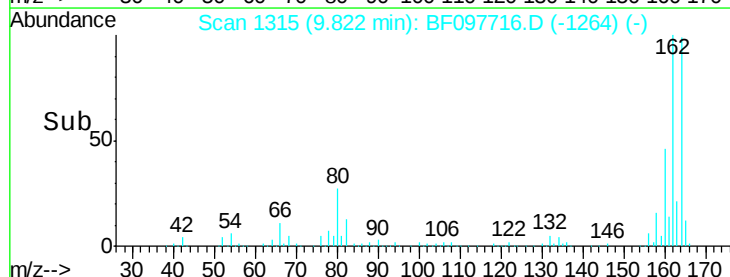
160 46.9 36.2 54.2

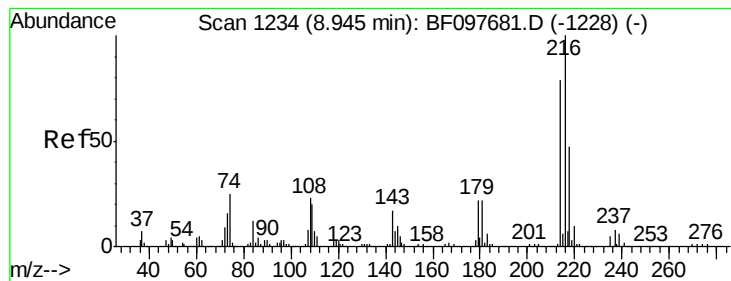


Abundance Ion 164.00 (163.70 to 164.70): E

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: 29.41 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

Tot Ion:216 Resp: 223668

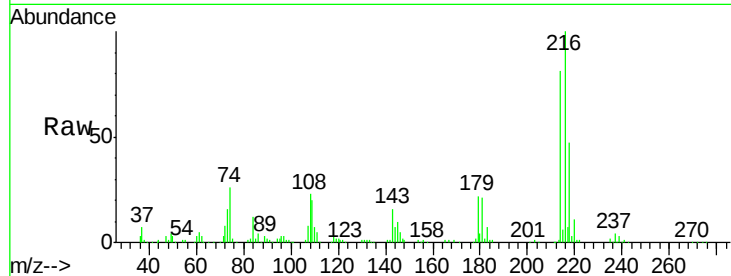
Ion Ratio Lower Upper

216 100

214 80.7 63.4 95.2

179 22.2 17.9 26.9

108 23.4 16.5 24.7

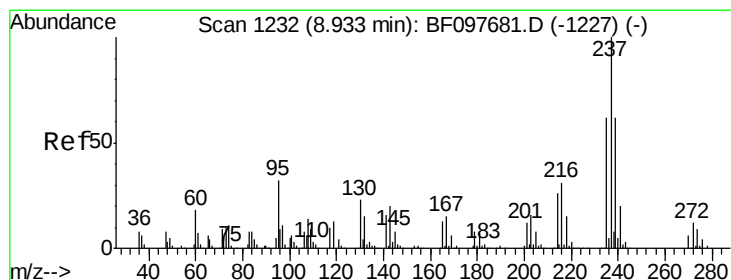
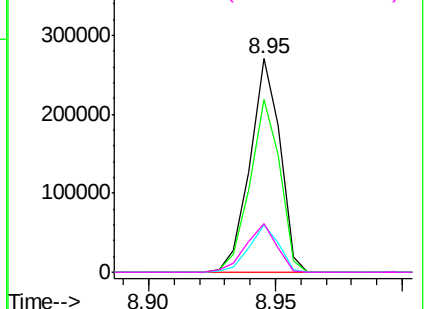
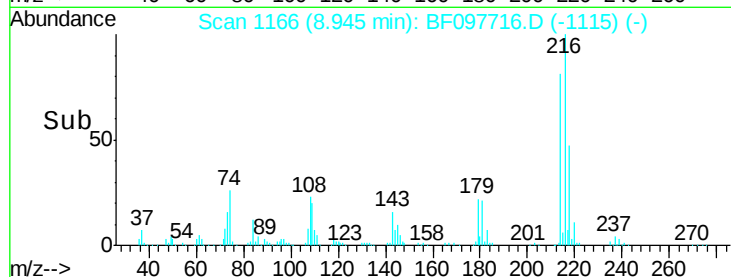


Abundance Ion 216.00 (215.70 to 216.70): E

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: 16.86 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

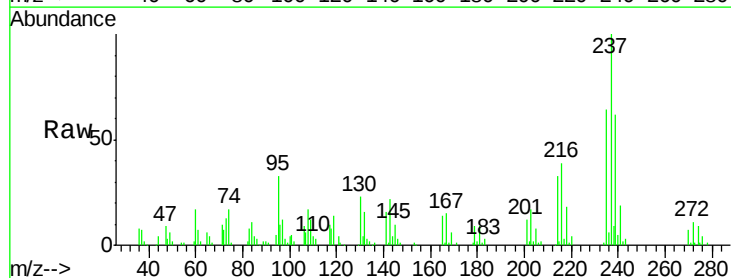
Tgt Ion:237 Resp: 61604

Ion Ratio Lower Upper

237 100

235 64.0 42.6 82.6

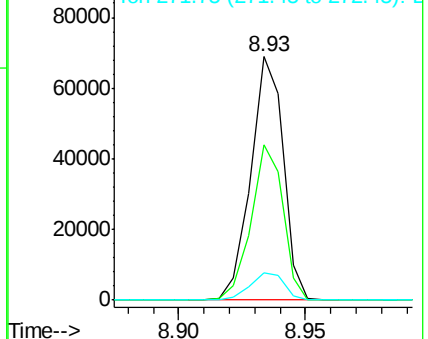
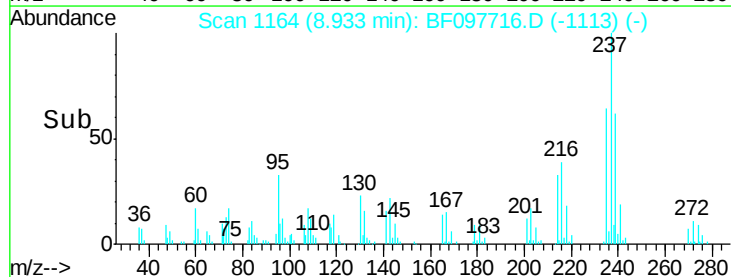
272 11.0 0.0 31.9

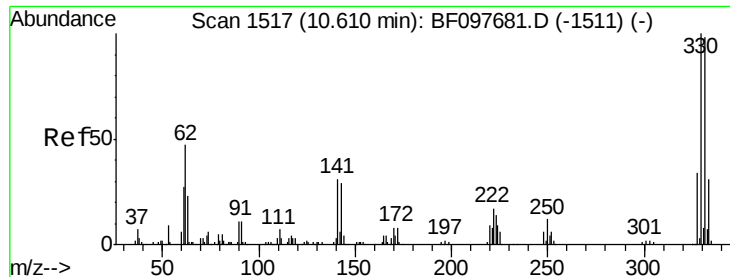


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 87.57 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

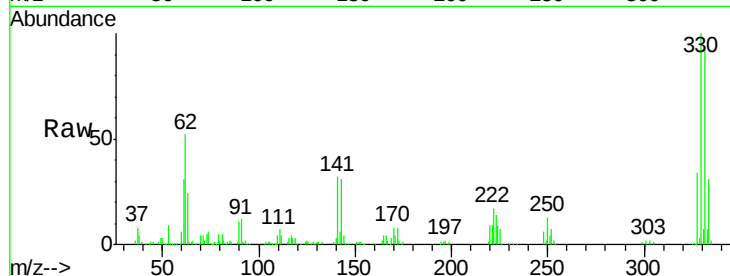
Tot Ion:330 Resp: 188287

Ion Ratio Lower Upper

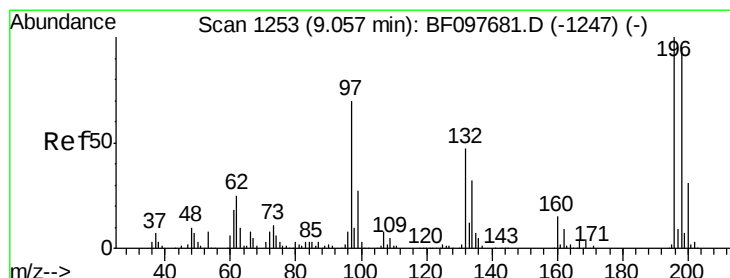
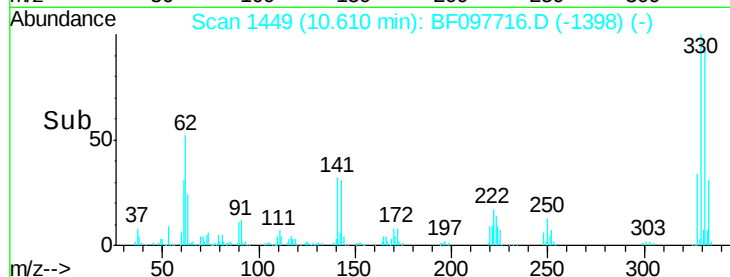
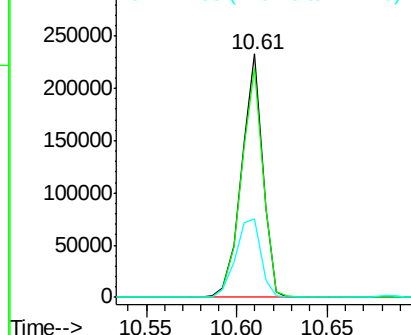
330 100

332 96.5 76.6 115.0

141 39.2 31.4 47.2



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



#42

2,4,6-Trichlorophenol

Concen: 30.63 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

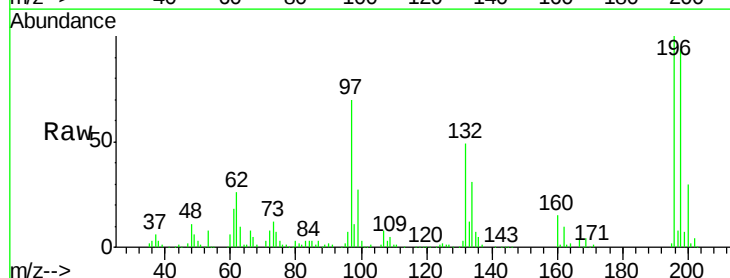
Tgt Ion:196 Resp: 156425

Ion Ratio Lower Upper

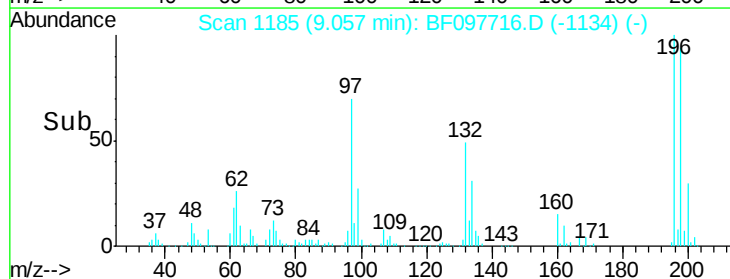
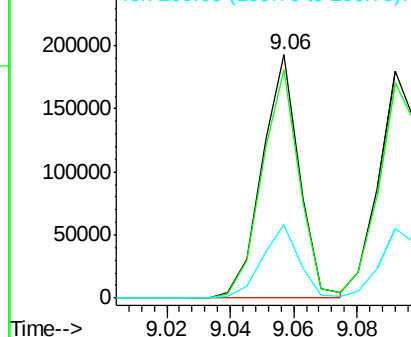
196 100

198 93.6 74.2 111.4

200 30.0 24.0 36.0



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

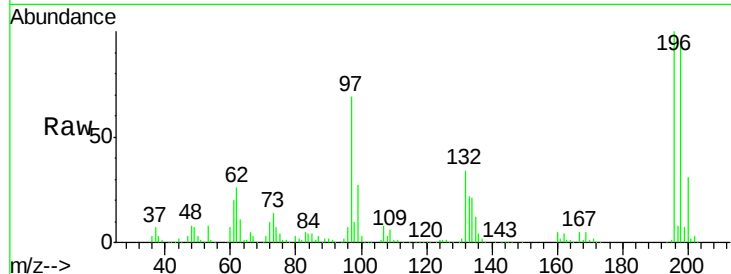




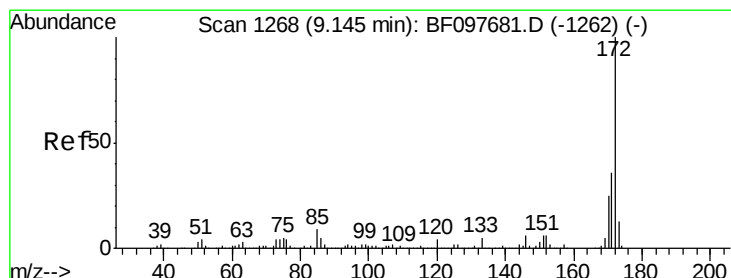
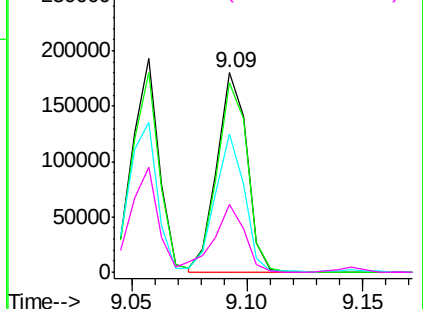
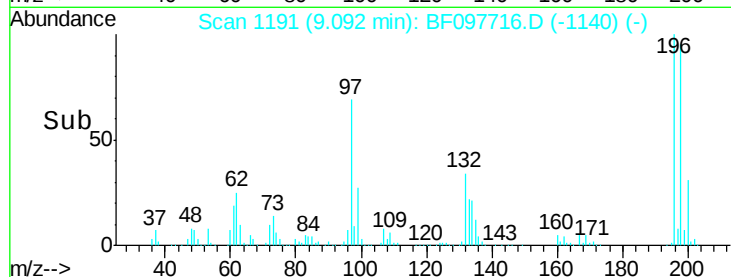
#43  
 2,4,5-Trichlorophenol  
 Concen: 32.09 ng  
 RT: 9.09 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 162553 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 94.9  | 75.7  | 113.5  |
| 97       | 69.3  | 47.7  | 71.5   |
| 132      | 33.9  | 28.0  | 42.0   |

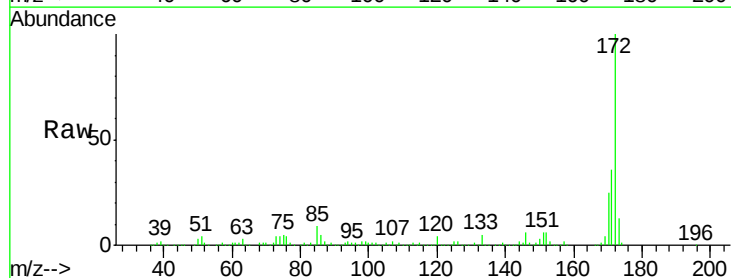


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

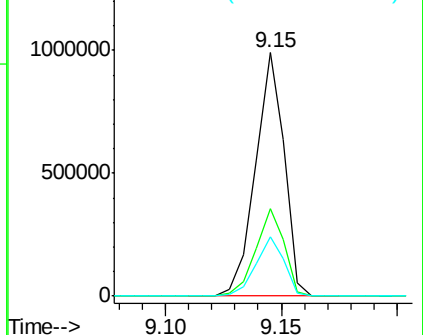
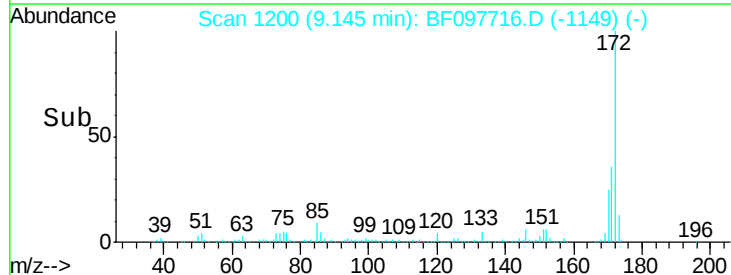


#44  
 2-Fluorobiphenyl  
 Concen: 51.02 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 860546 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 35.8  | 29.6  | 44.4   |
| 170      | 24.5  | 19.8  | 29.8   |



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

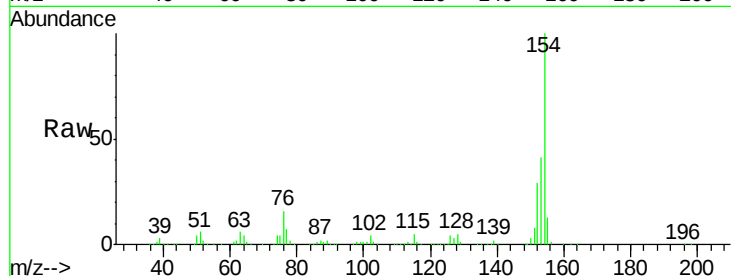




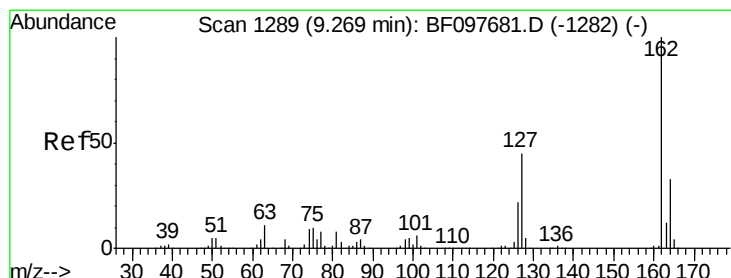
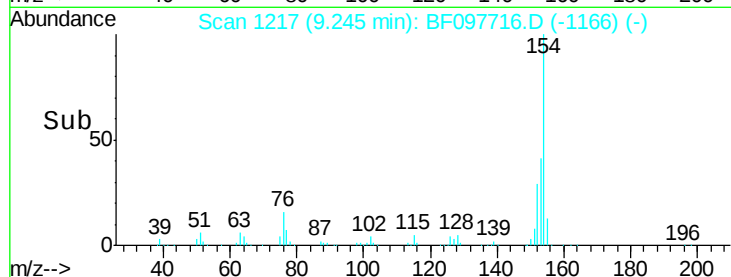
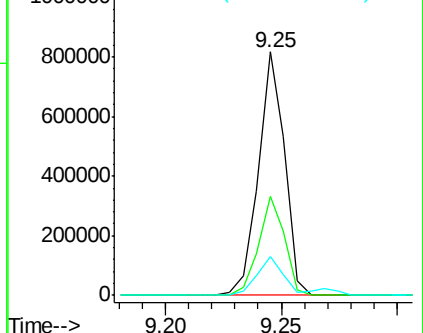
#45  
1,1'-Biphenyl  
Concen: 28.45 ng  
RT: 9.25 min Scan# 1217  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.8  | 21.2  | 61.2  |
| 76      | 15.9  | 0.0   | 29.9  |

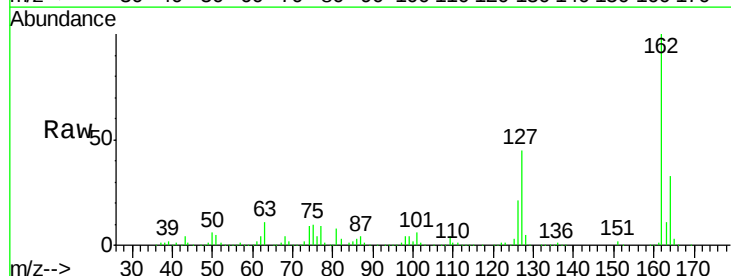


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0

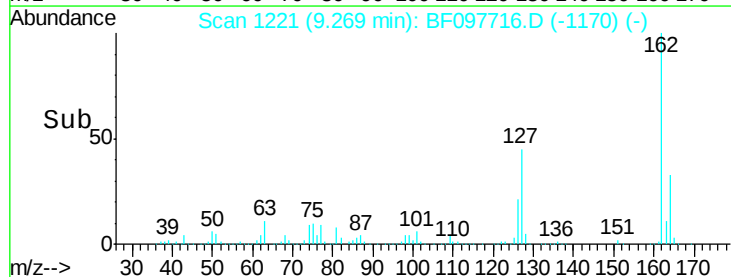
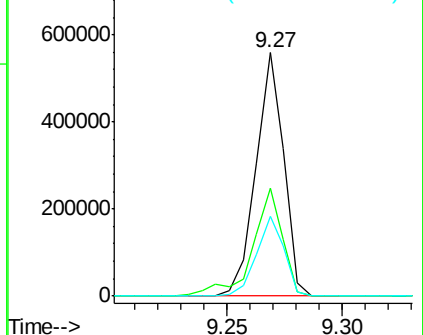


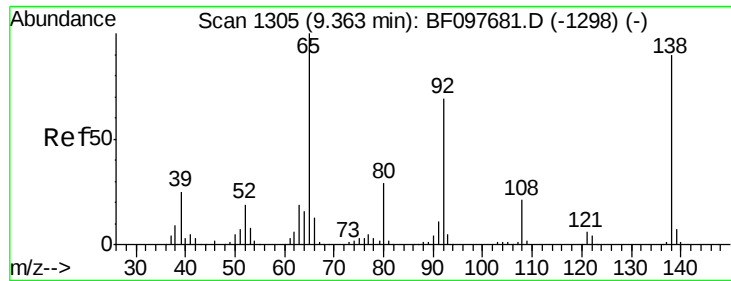
#46  
2-Chloronaphthalene  
Concen: 28.08 ng  
RT: 9.27 min Scan# 1221  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.6  | 28.3  | 42.5# |
| 164     | 32.9  | 27.0  | 40.4  |



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

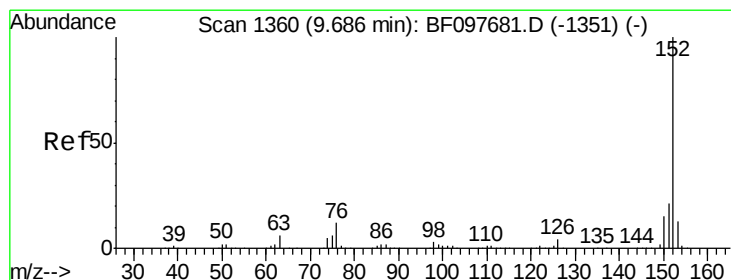
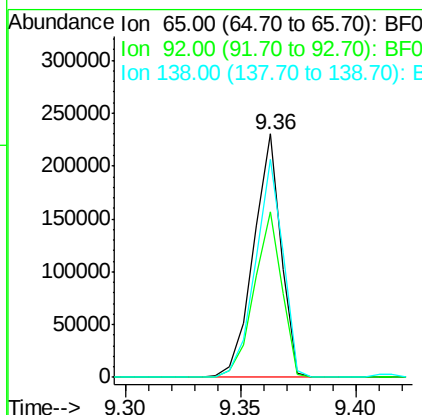
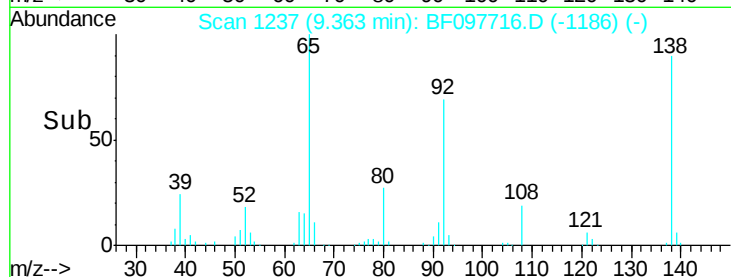
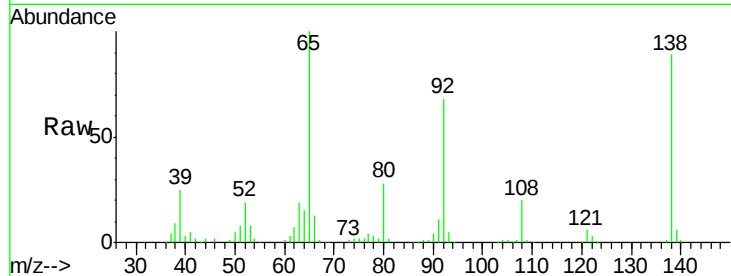




#47  
 2-Nitroaniline  
 Concen: 34.20 ng  
 RT: 9.36 min Scan# 1237  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

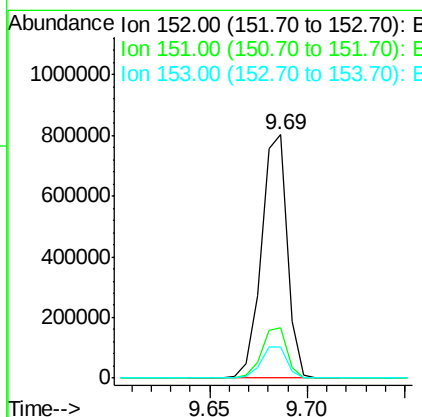
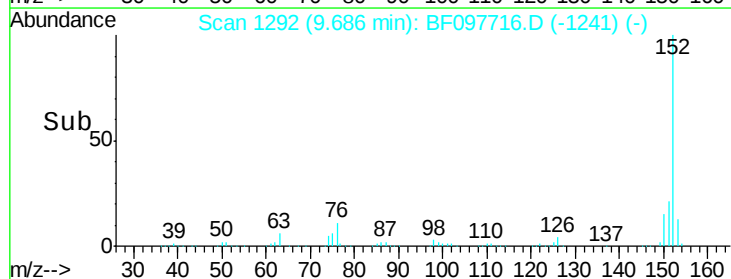
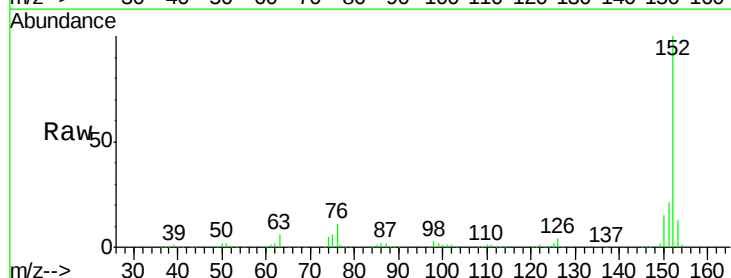
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

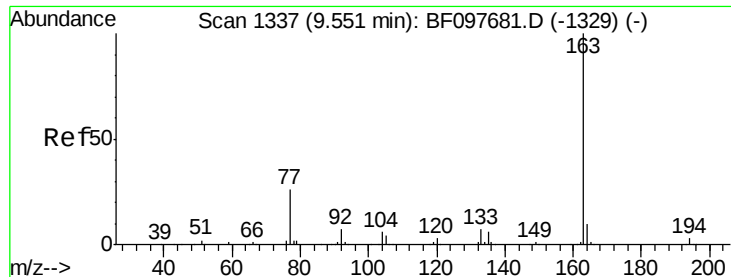
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.2  | 53.9  | 80.9  |
| 138     | 89.3  | 78.8  | 118.2 |



#48  
 Acenaphthylene  
 Concen: 28.00 ng  
 RT: 9.69 min Scan# 1292  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.8  | 16.8  | 25.2  |
| 153     | 12.9  | 10.8  | 16.2  |

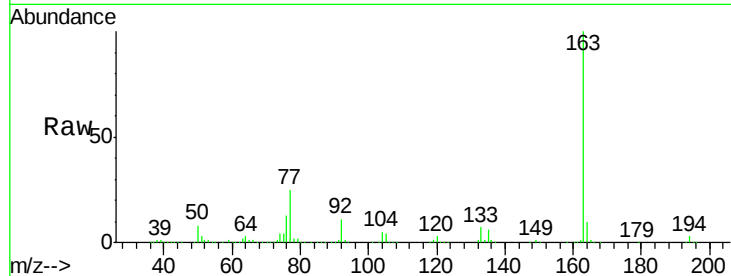




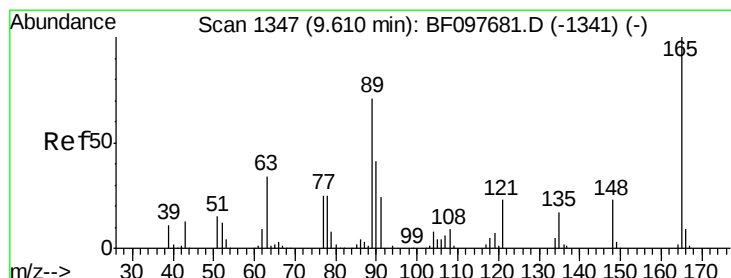
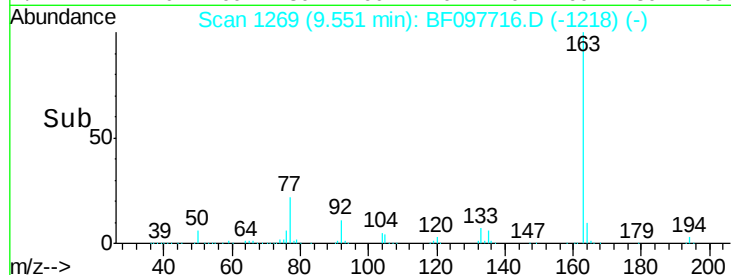
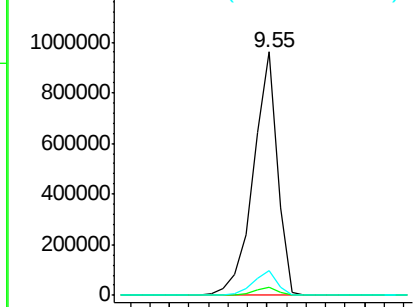
#49  
Dimethylphthalate  
Concen: 45.04 ng  
RT: 9.55 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

Tot Ion:163 Resp: 815895  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 4.0  
164 10.3 8.4 12.6

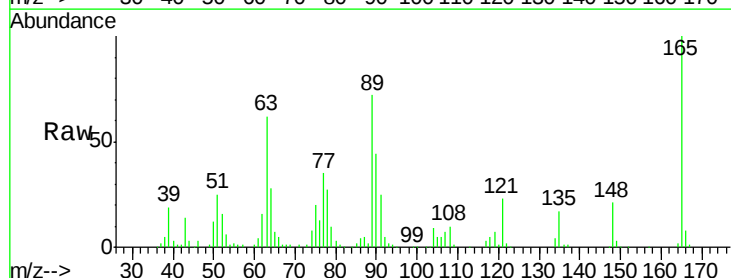


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

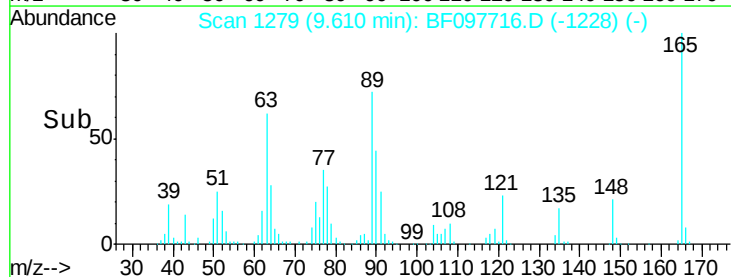
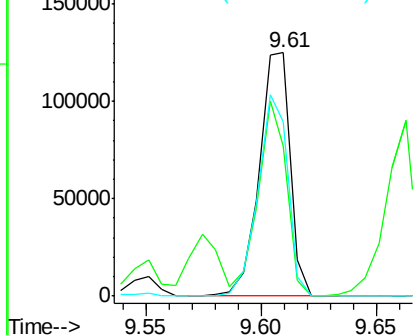


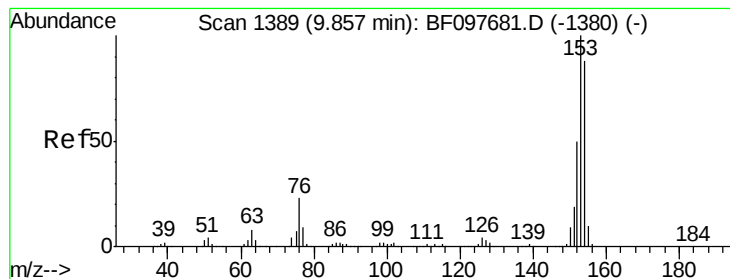
#50  
2,6-Dinitrotoluene  
Concen: 32.38 ng  
RT: 9.61 min Scan# 1279  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Tgt Ion:165 Resp: 117072  
Ion Ratio Lower Upper  
165 100  
63 61.6 34.3 51.5#  
89 71.8 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.52 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

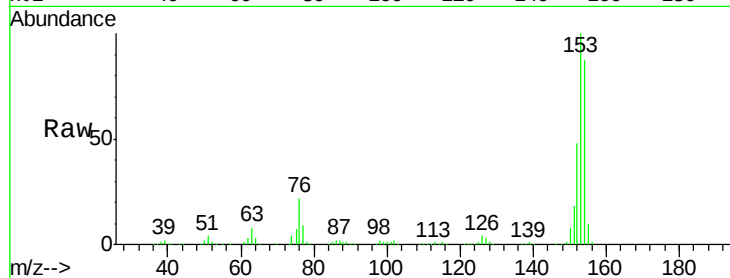
Tot Ion:154 Resp: 438625

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

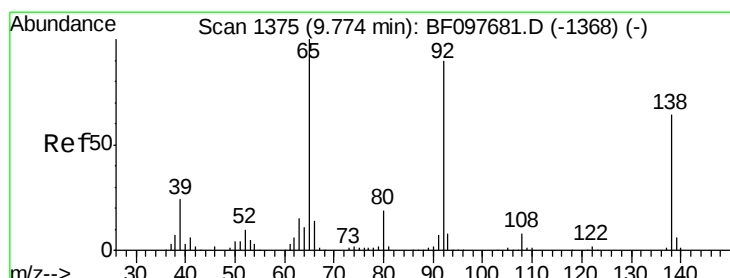
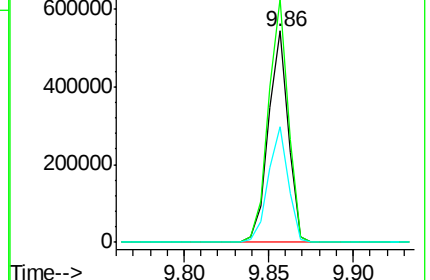
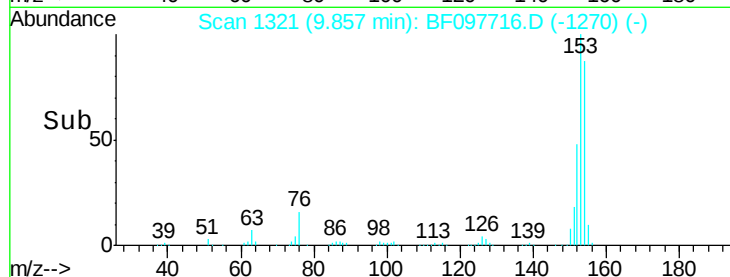
152 54.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.52 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

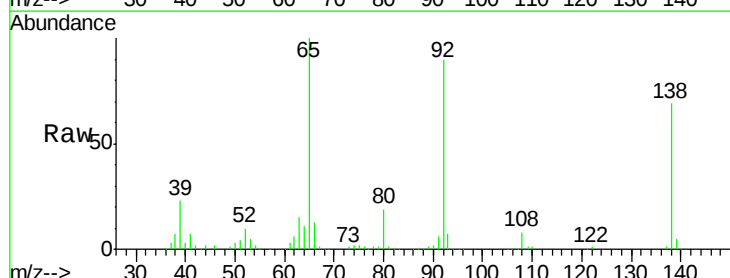
Tgt Ion:138 Resp: 137694

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

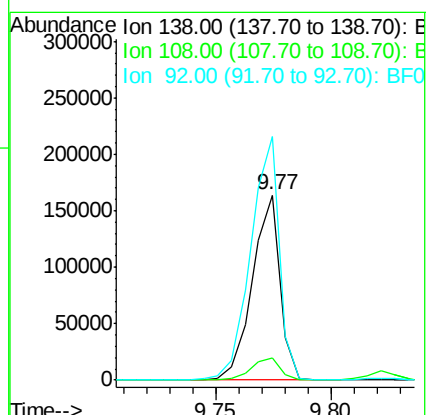
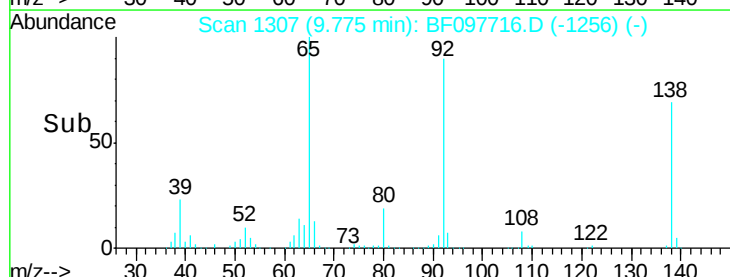
92 131.6 93.8 140.6

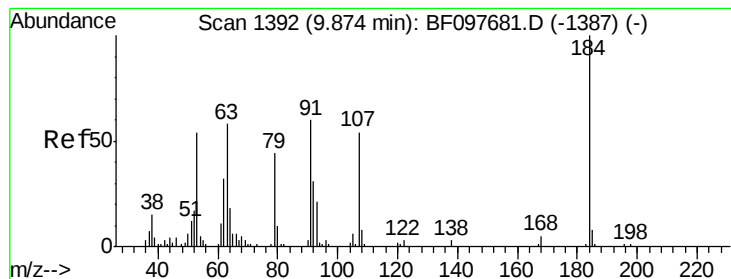


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 11.00 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

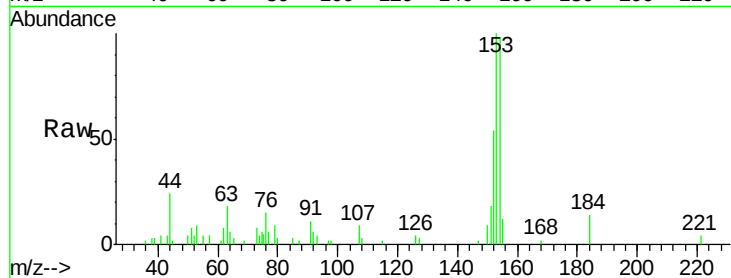
Tot Ion:184 Resp: 1682

Ion Ratio Lower Upper

184 100

63 130.0 62.7 94.1#

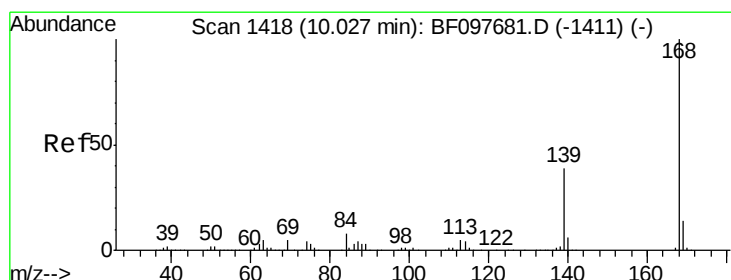
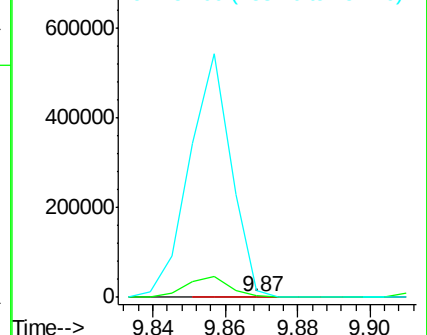
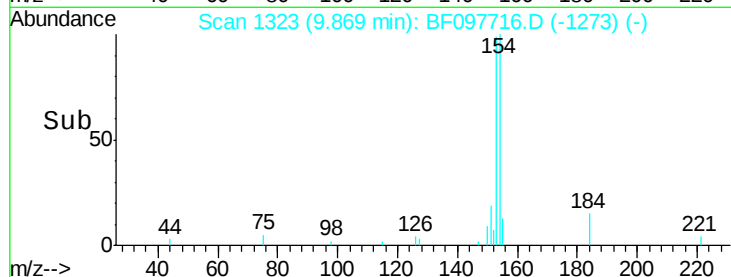
154 704.8 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 30.26 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

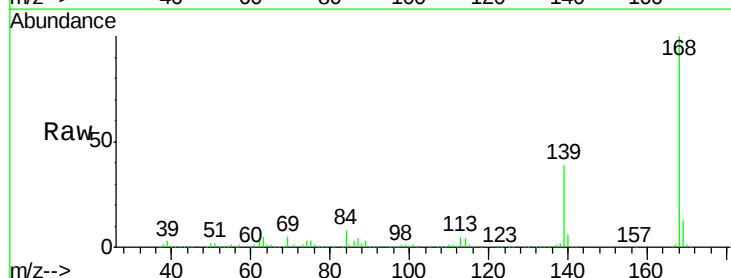
Tgt Ion:168 Resp: 670669

Ion Ratio Lower Upper

168 100

139 38.8 30.6 45.8

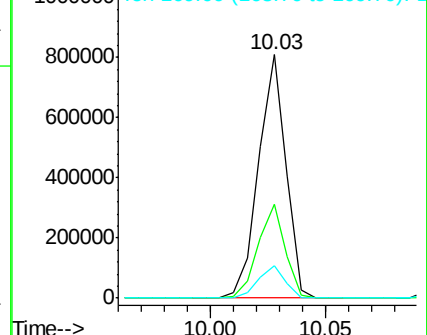
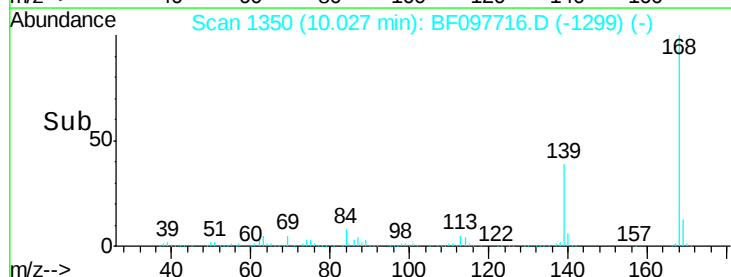
169 13.5 10.8 16.2

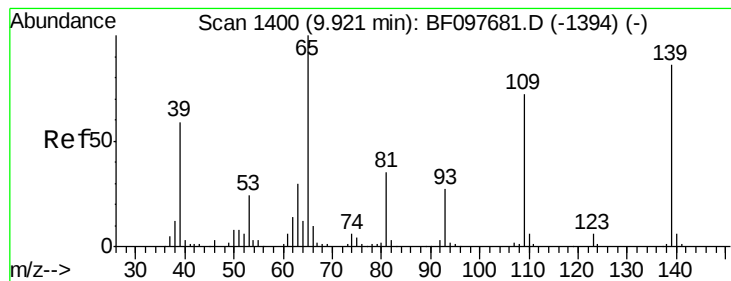


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 48.80 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

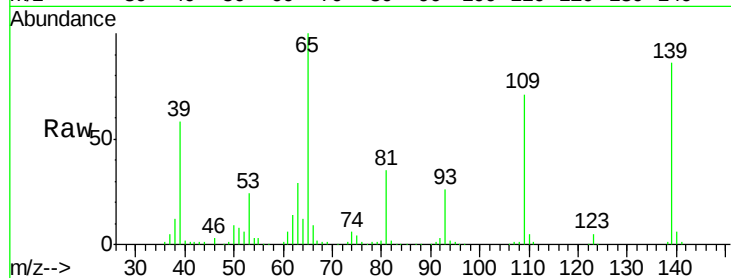
Tot Ion:139 Resp: 181603

Ion Ratio Lower Upper

139 100

109 82.1 34.1 74.1#

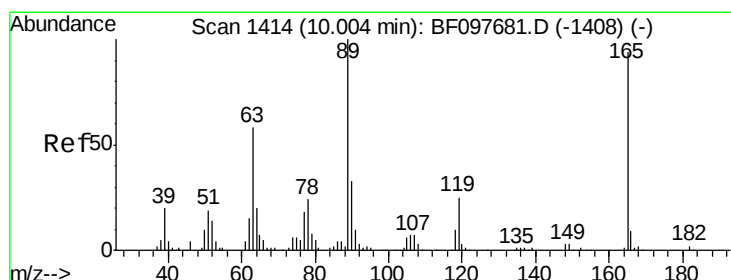
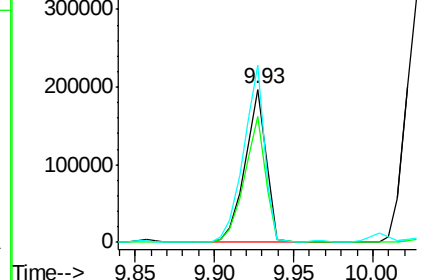
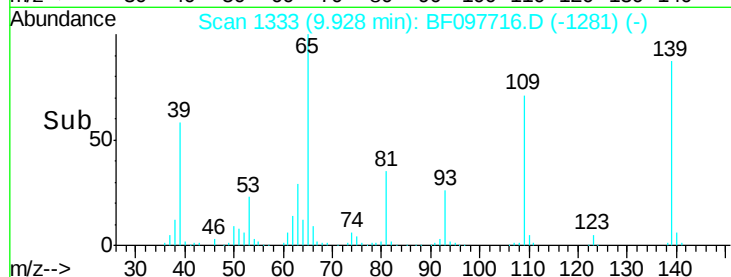
65 115.7 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 32.99 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Tgt Ion:165 Resp: 149702

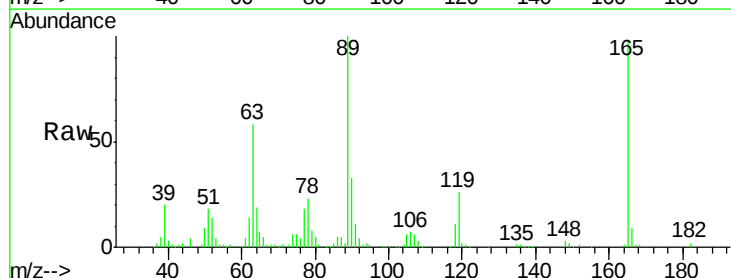
Ion Ratio Lower Upper

165 100

63 58.6 25.4 38.0#

89 101.6 46.4 69.6#

182 2.1 1.8 2.6

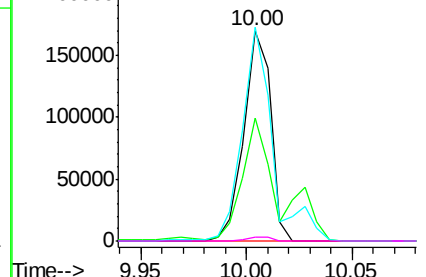
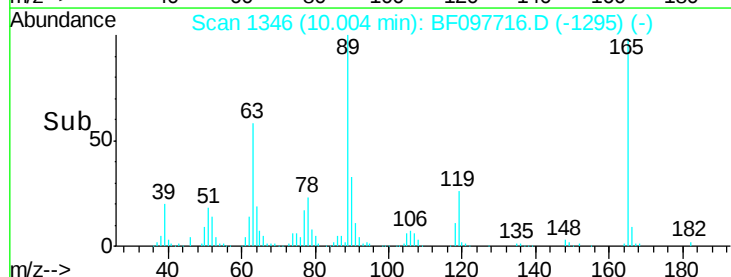


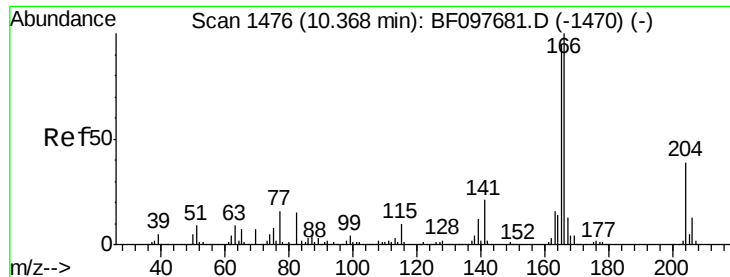
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

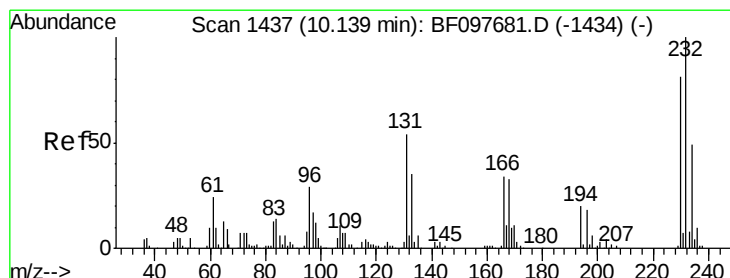
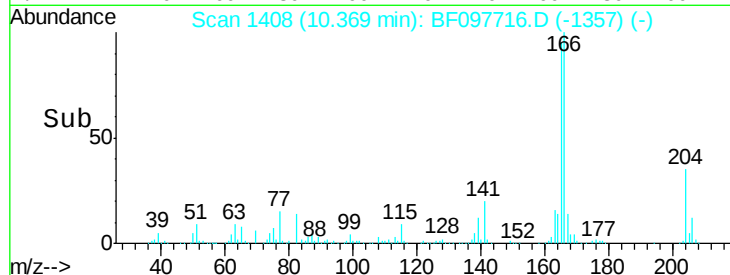
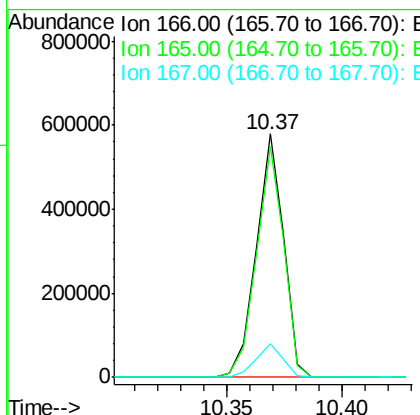
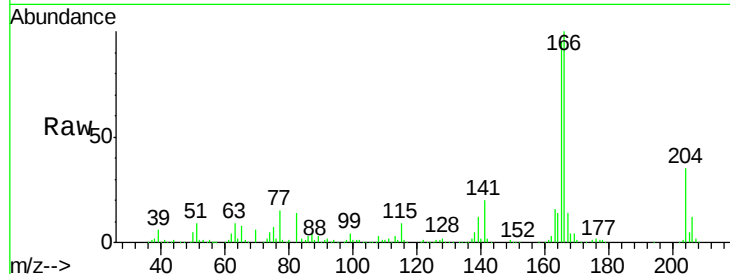




#57  
**Fluorene**  
 Concen: 27.86 ng  
 RT: 10.37 min Scan# 1408  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

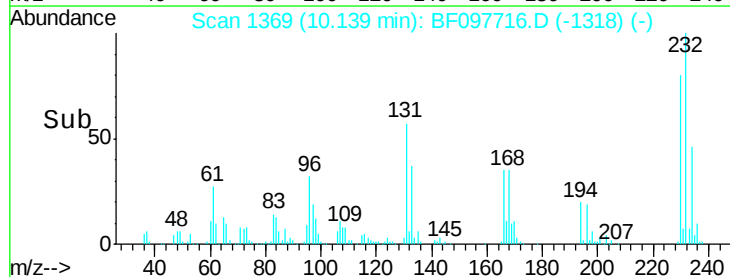
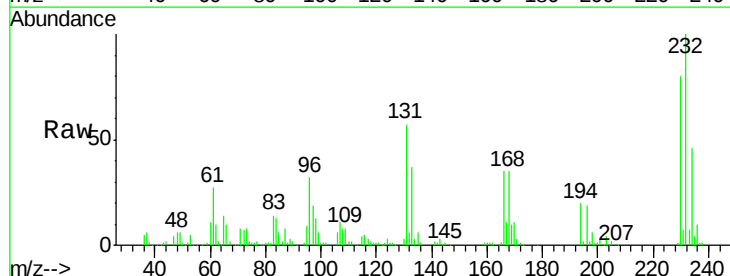
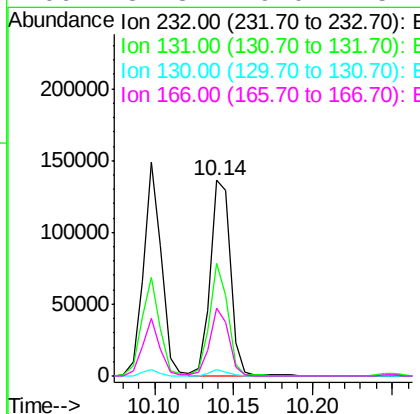
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

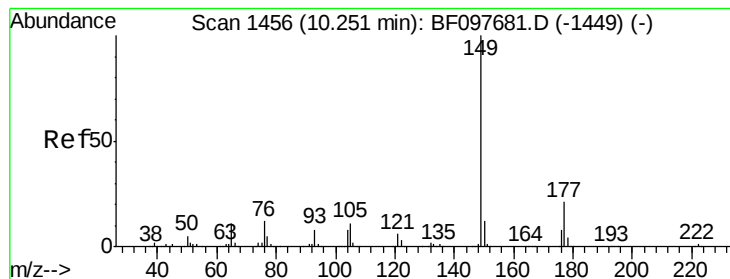
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.0  | 78.8  | 118.2 |
| 167     | 13.8  | 10.6  | 16.0  |



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 31.35 ng  
 RT: 10.14 min Scan# 1369  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 52.1  | 44.8  | 67.2  |
| 130     | 2.9   | 2.3   | 3.5   |
| 166     | 32.3  | 29.0  | 43.4  |





#59

Diethylphthalate

Concen: 31.11 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

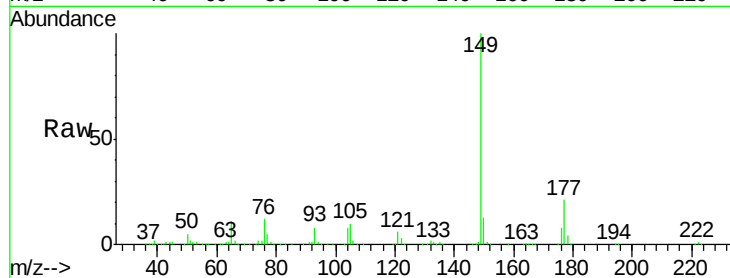
Tot Ion:149 Resp: 589391

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

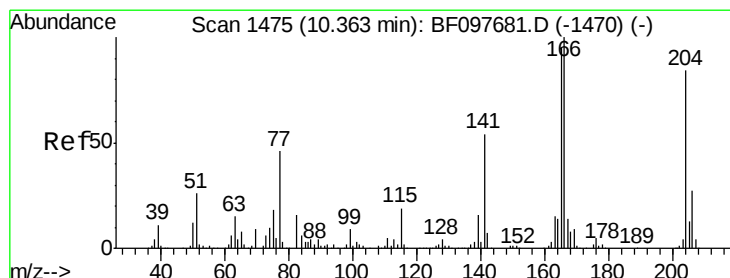
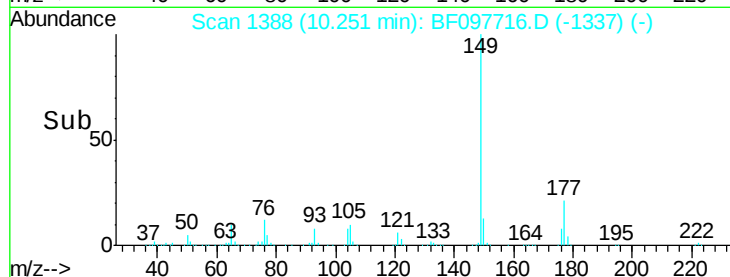
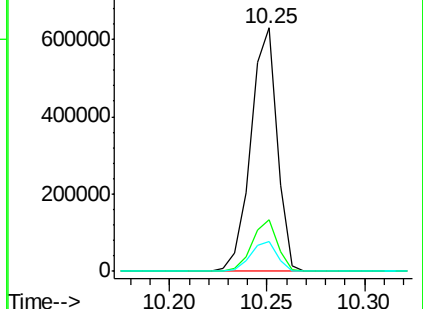
150 12.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 29.02 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

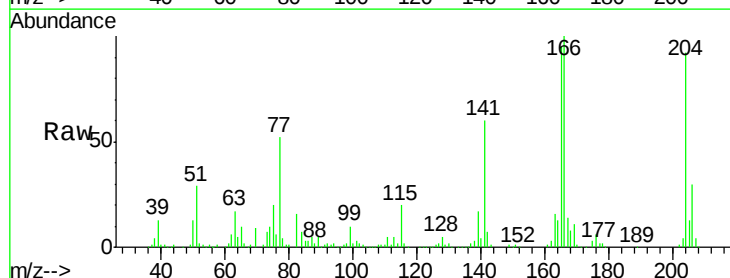
Tgt Ion:204 Resp: 231015

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

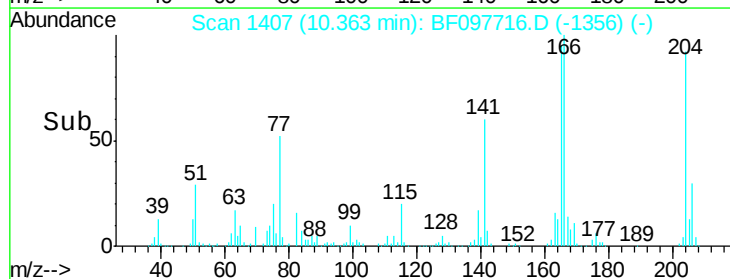
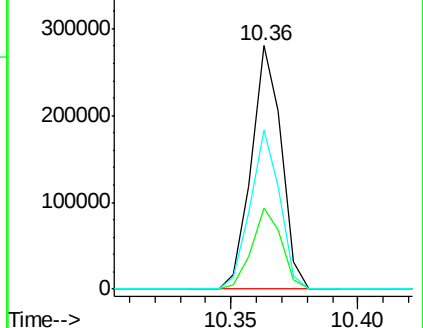
141 65.5 60.8 91.2

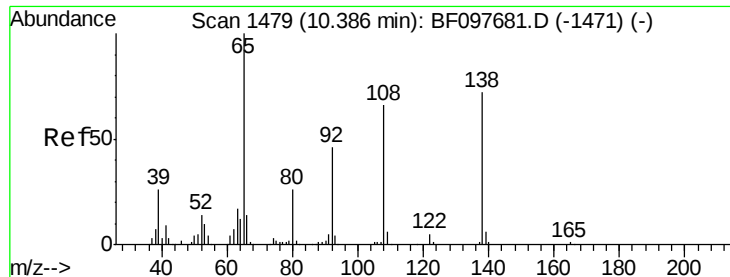


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.05 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

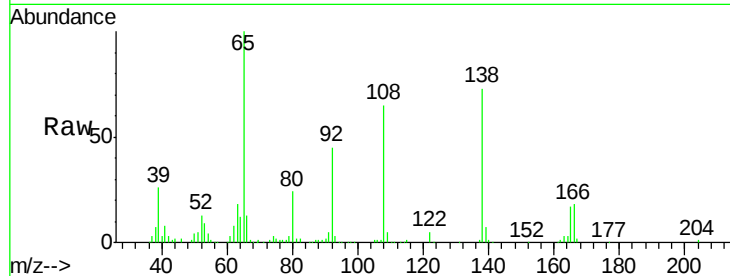
Tot Ion:138 Resp: 128799

Ion Ratio Lower Upper

138 100

92 62.5 21.8 61.8#

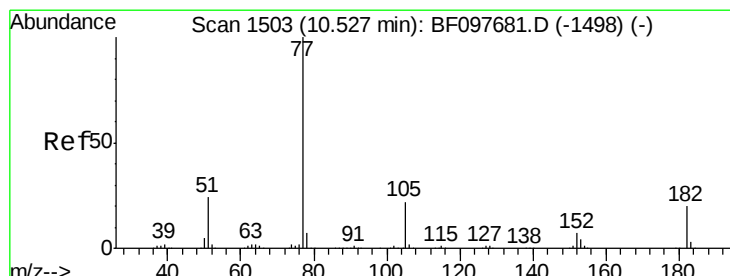
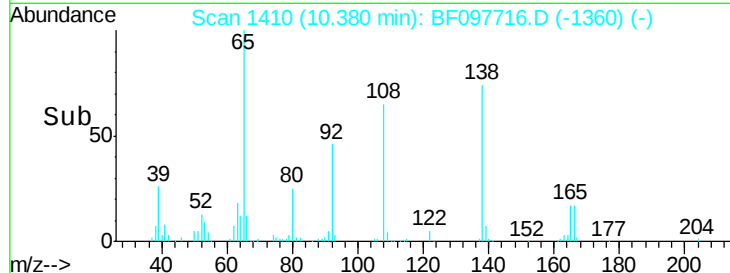
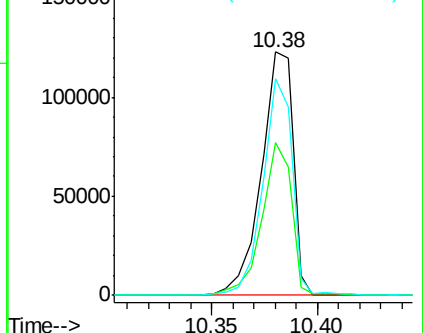
108 89.2 42.3 82.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.32 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Tgt Ion: 77 Resp: 682289

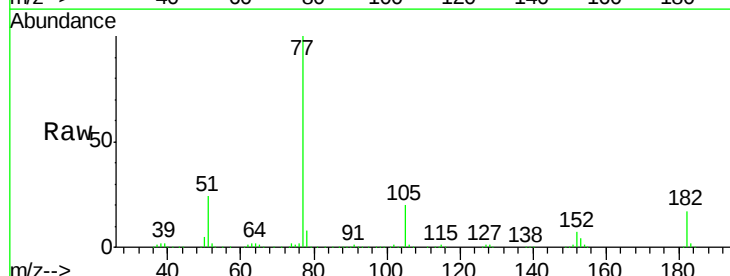
Ion Ratio Lower Upper

77 100

182 16.5 0.1 40.1

105 20.3 3.6 43.6

51 24.3 9.4 49.4

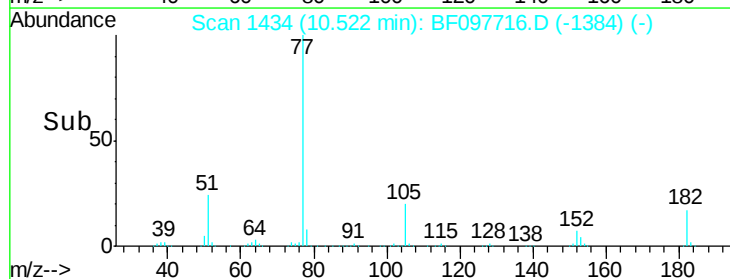
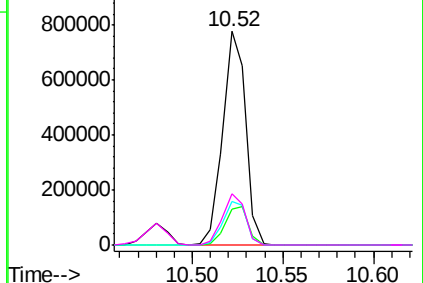


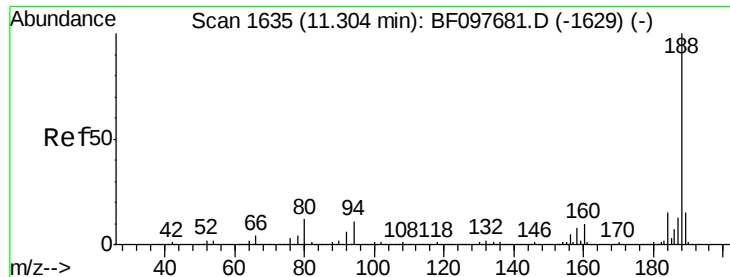
Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0

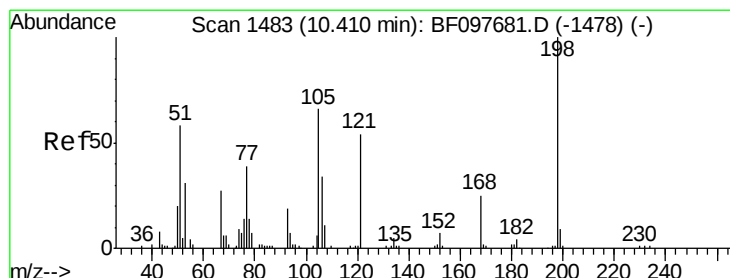
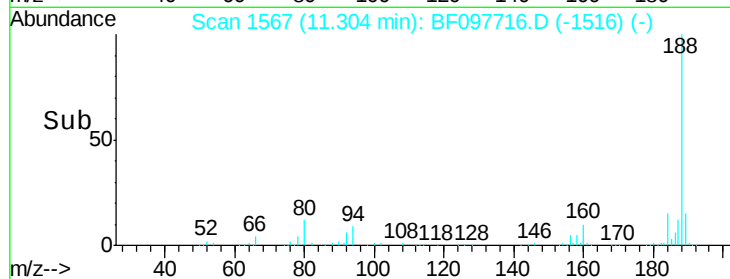
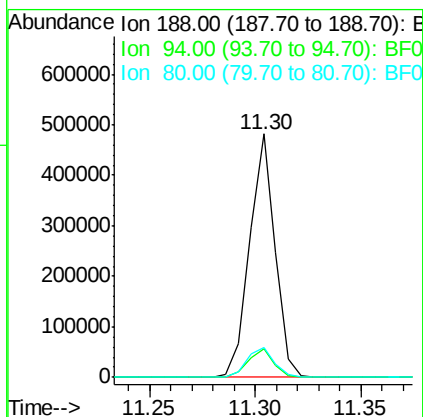
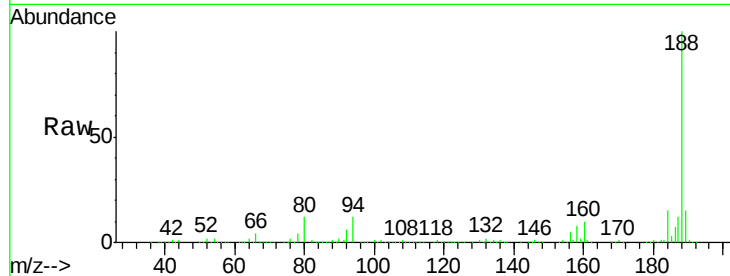




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.30 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

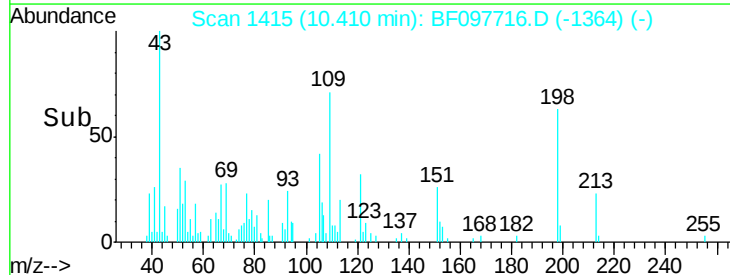
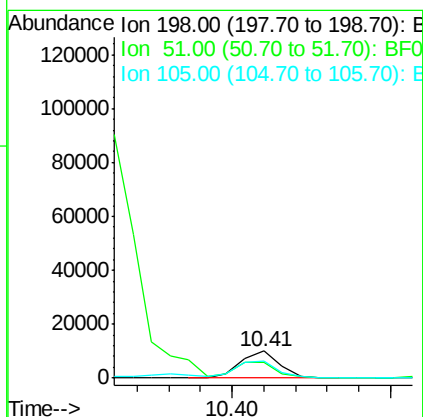
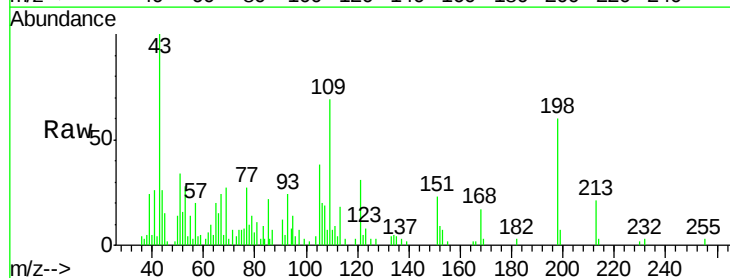
Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

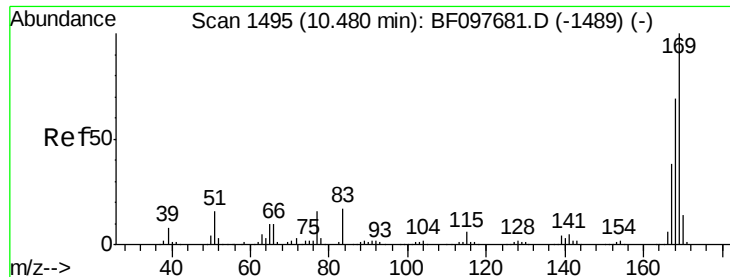
Tot Ion:188 Resp: 402793  
Ion Ratio Lower Upper  
188 100  
94 11.5 9.4 14.2  
80 12.3 10.2 15.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 11.94 ng  
RT: 10.41 min Scan# 1415  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Tgt Ion:198 Resp: 8312  
Ion Ratio Lower Upper  
198 100  
51 56.2 53.2 93.2  
105 63.2 45.8 85.8

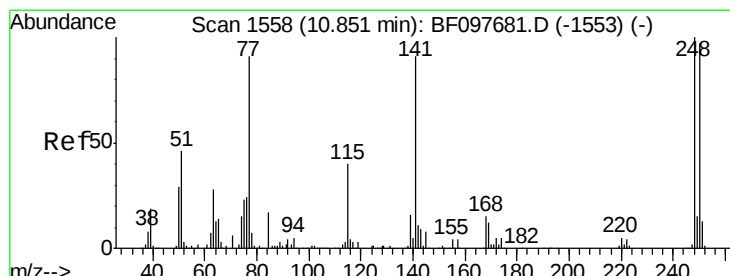
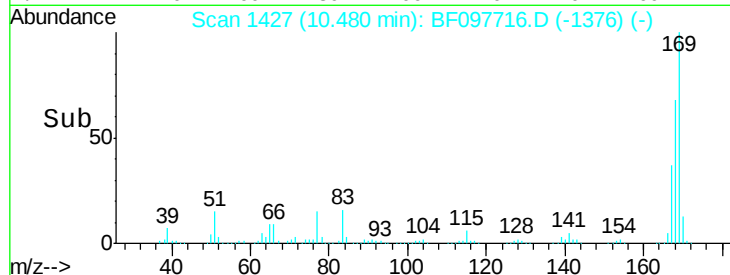
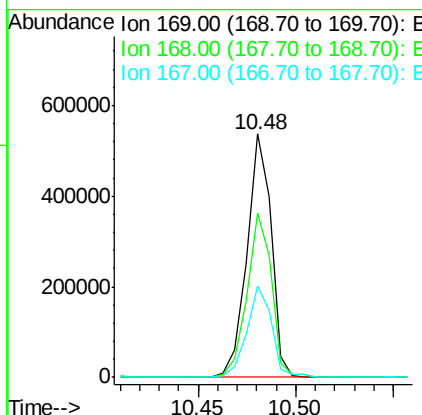
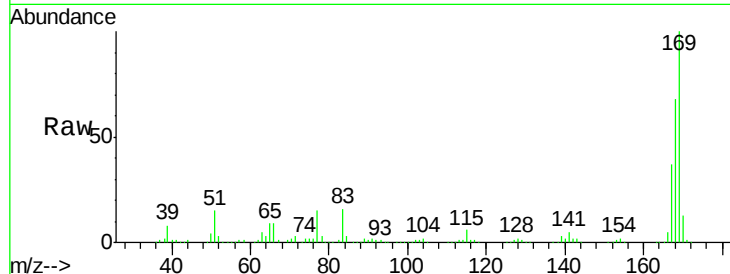




#65  
 n-Nitrosodiphenylamine  
 Concen: 33.65 ng  
 RT: 10.48 min Scan# 1427  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

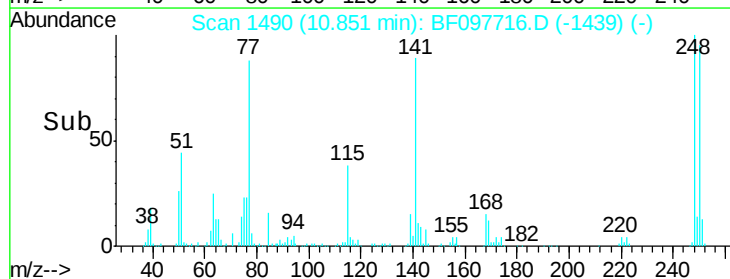
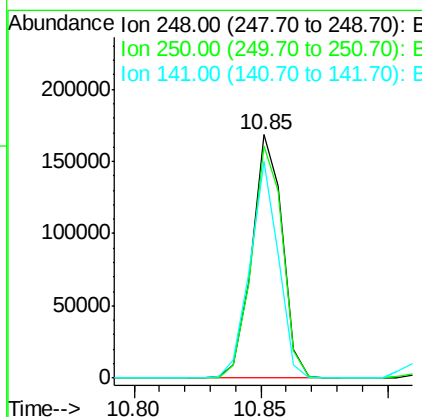
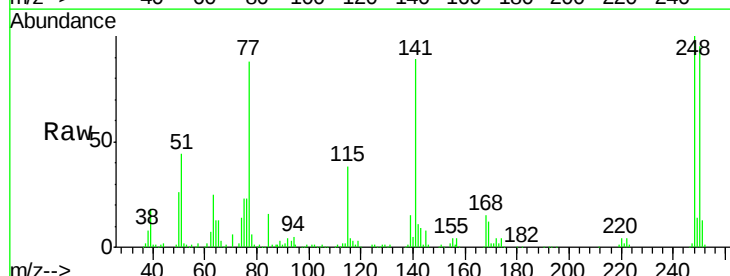
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

Tot Ion:169 Resp: 461590  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 53.2 79.8  
 167 37.5 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 33.61 ng  
 RT: 10.85 min Scan# 1490  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

Tgt Ion:248 Resp: 140584  
 Ion Ratio Lower Upper  
 248 100  
 250 95.4 76.8 115.2  
 141 88.8 68.6 103.0

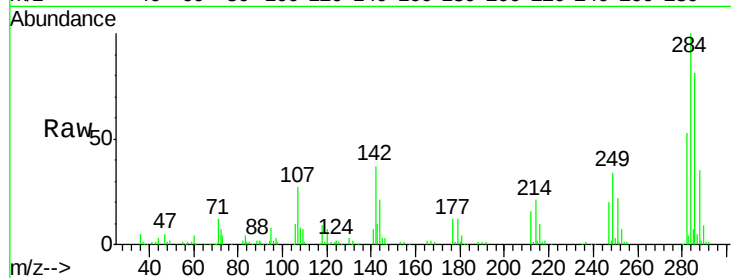




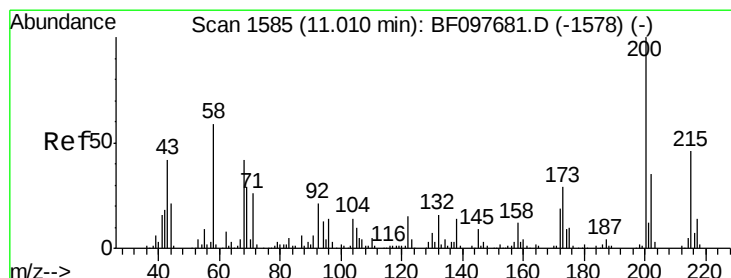
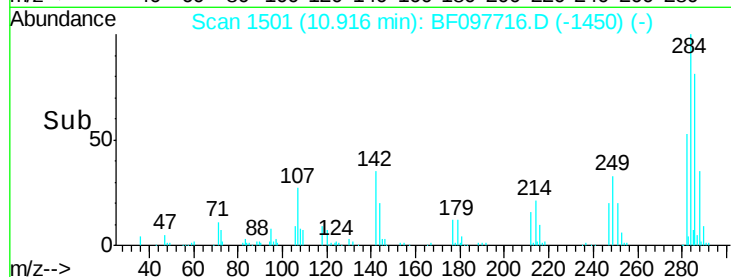
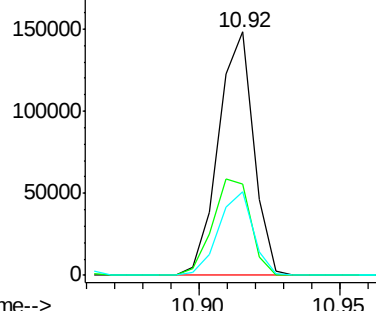
#67  
Hexachlorobenzene  
Concen: 30.13 ng  
RT: 10.92 min Scan# 1501  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

Tot Ion:284 Resp: 128434  
Ion Ratio Lower Upper  
284 100  
142 37.3 22.8 34.2#  
249 34.3 24.0 36.0

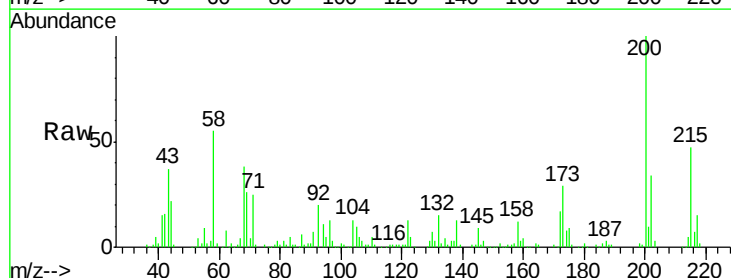


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

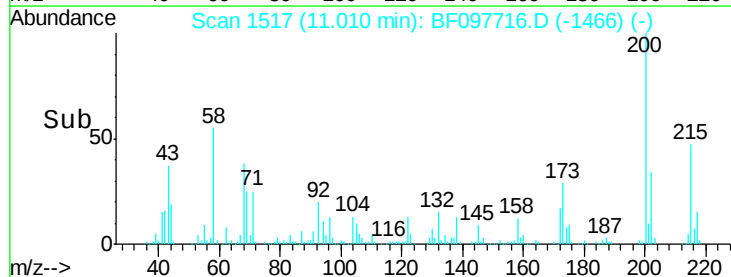
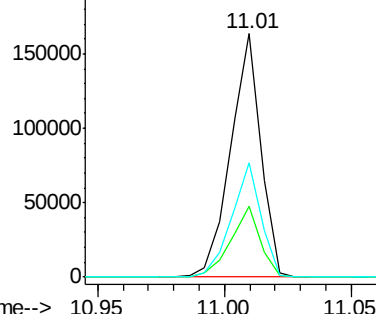


#68  
Atrazine  
Concen: 37.09 ng  
RT: 11.01 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Tgt Ion:200 Resp: 134913  
Ion Ratio Lower Upper  
200 100  
173 29.2 6.3 46.3  
215 46.9 27.2 67.2



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

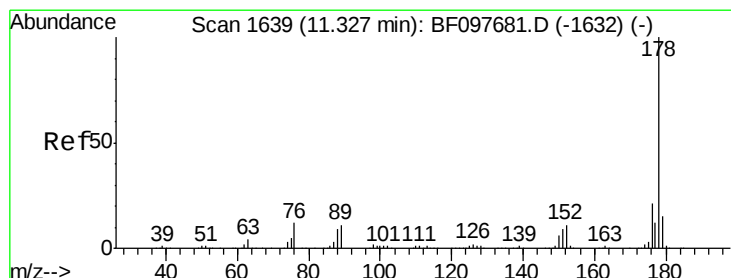
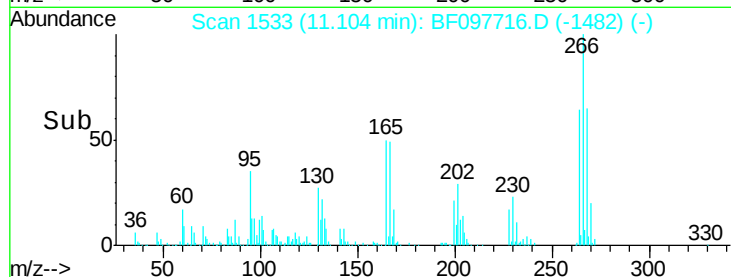
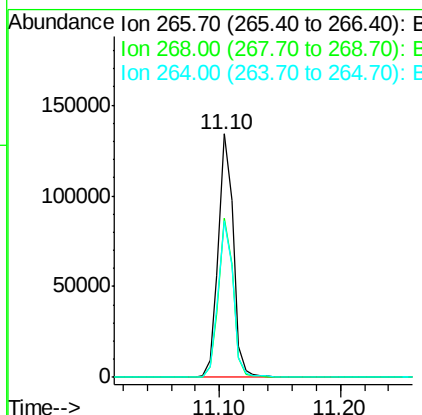
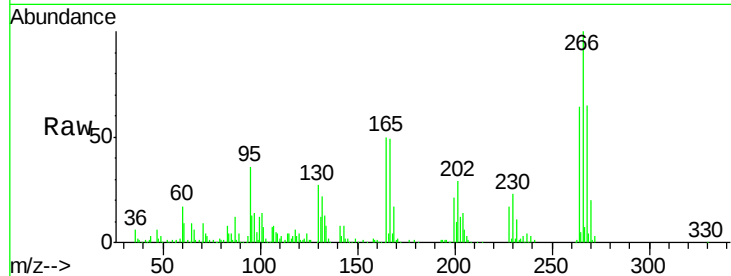




#69  
 Pentachlorophenol  
 Concen: 46.06 ng  
 RT: 11.10 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

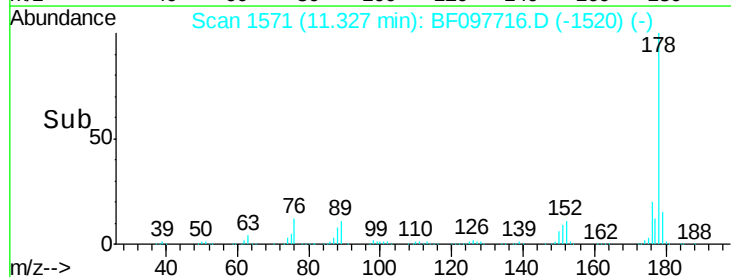
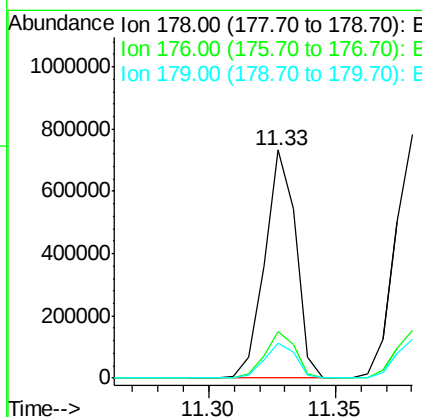
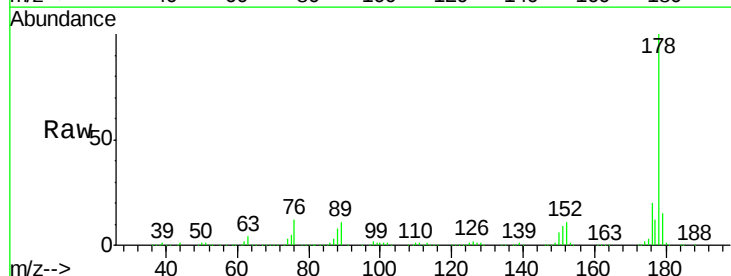
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

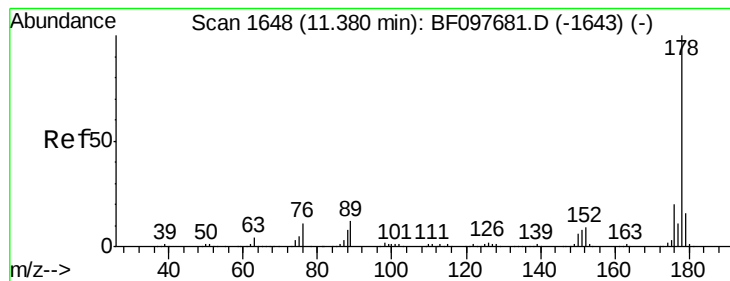
Tot Ion:266 Resp: 114492  
 Ion Ratio Lower Upper  
 266 100  
 268 65.2 51.1 76.7  
 264 64.1 51.7 77.5



#70  
 Phenanthrene  
 Concen: 29.31 ng  
 RT: 11.33 min Scan# 1571  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

Tgt Ion:178 Resp: 629098  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 16.2 24.4  
 179 15.5 12.6 19.0





#71

Anthracene

Concen: 28.90 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

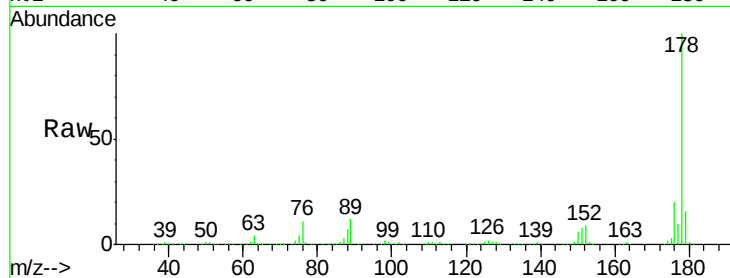
Tot Ion:178 Resp: 629137

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

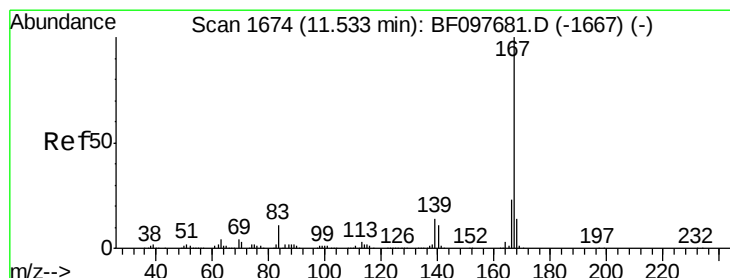
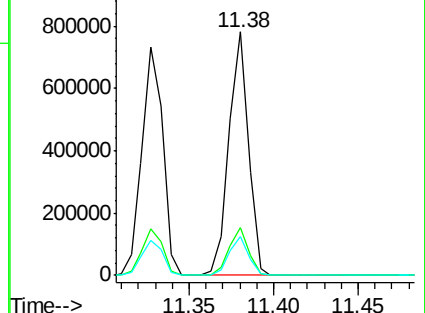
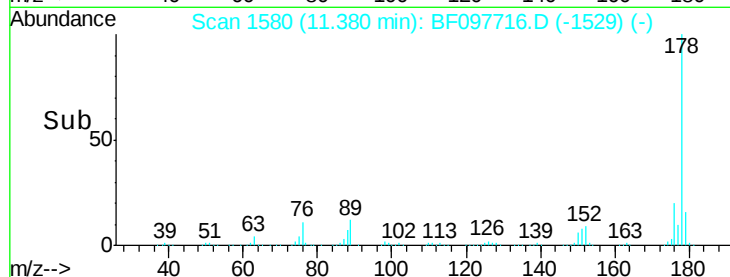
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 28.07 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

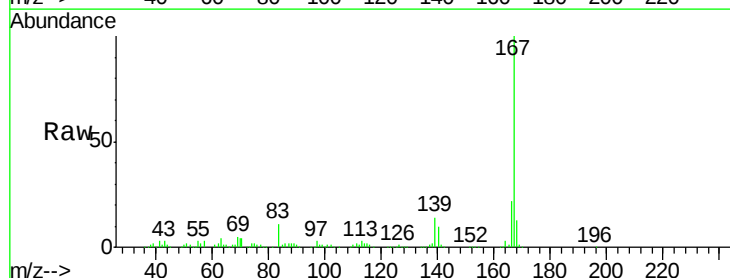
Tgt Ion:167 Resp: 580096

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

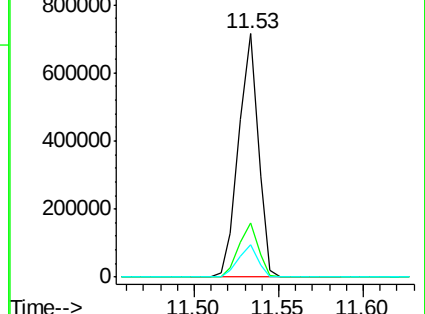
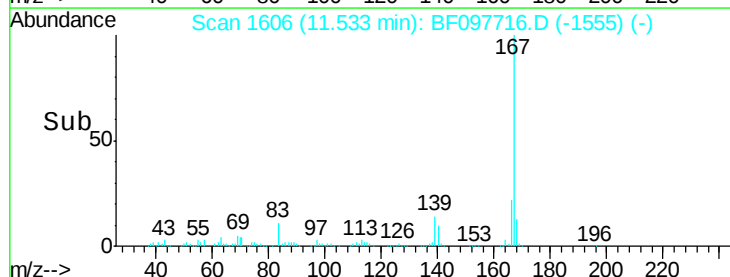
139 13.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.31 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

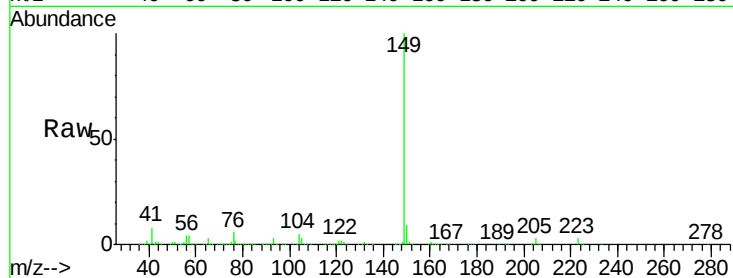
Tot Ion:149 Resp: 840535

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

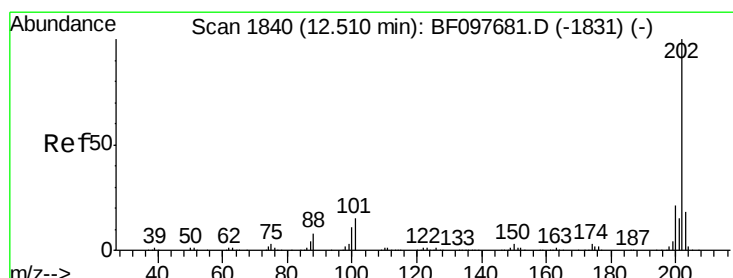
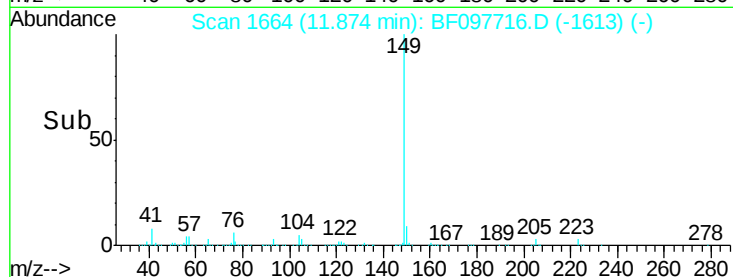
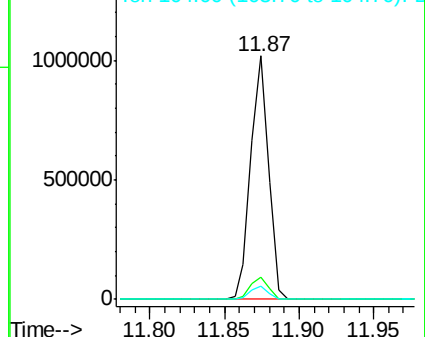
104 5.5 4.0 6.0



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: 24.91 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

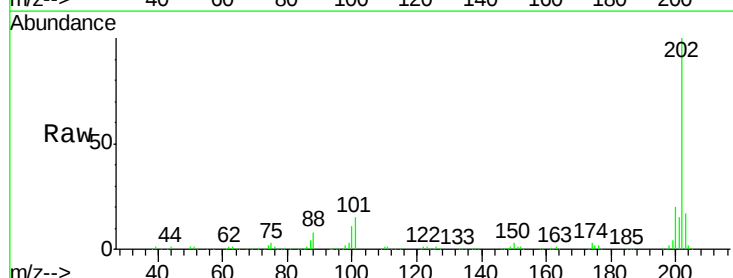
Tgt Ion:202 Resp: 558048

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.2

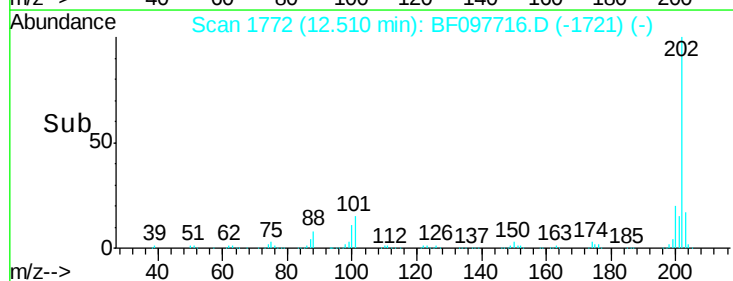
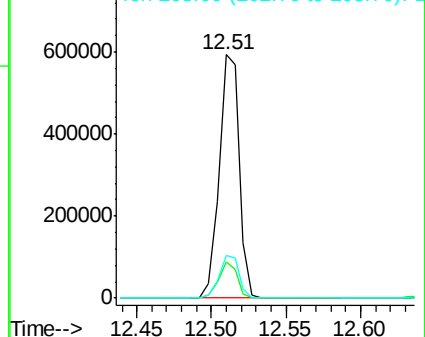
203 17.5 0.0 38.1

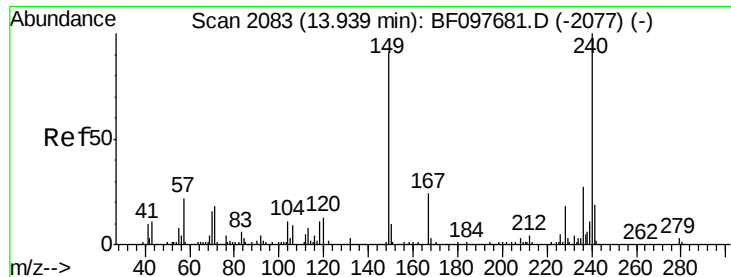


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

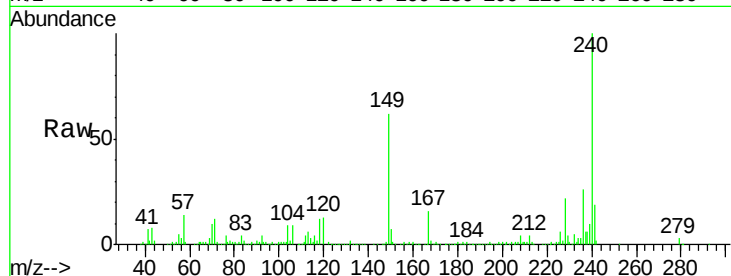
Tot Ion:240 Resp: 275943

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

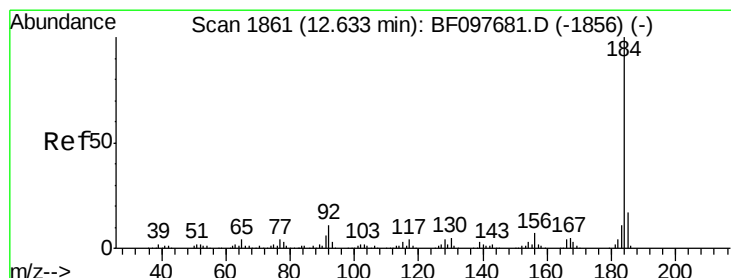
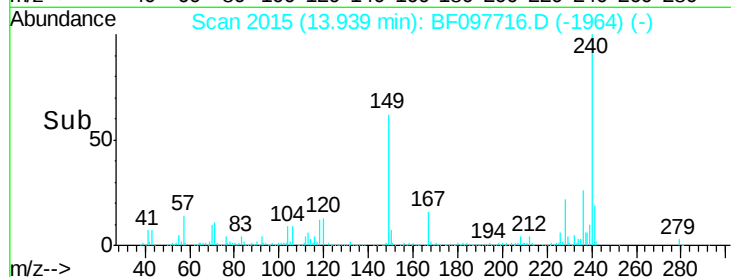
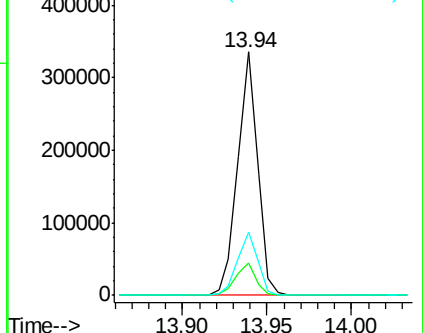
236 26.0 20.5 30.7



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: 32.86 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

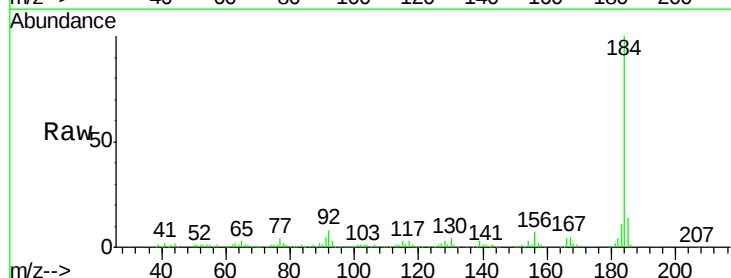
Tgt Ion:184 Resp: 297309

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

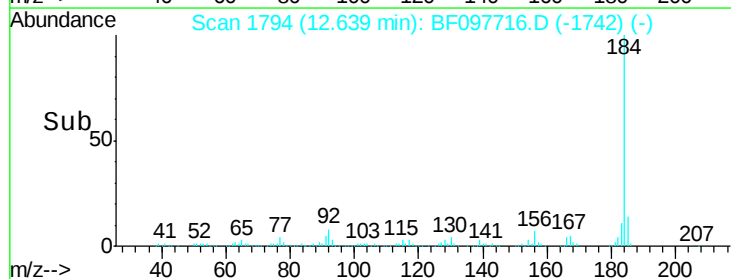
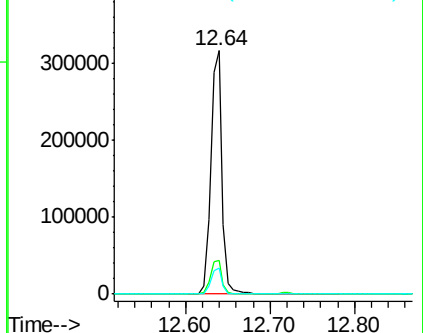
183 10.7 9.8 14.6

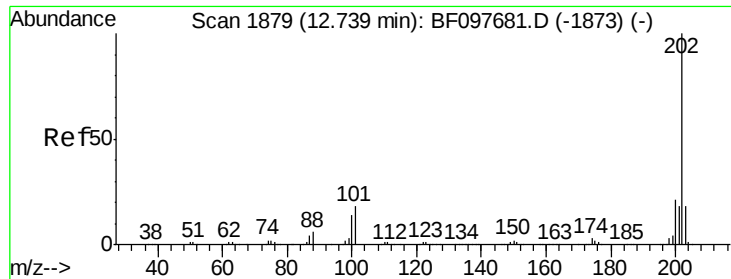


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 24.58 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

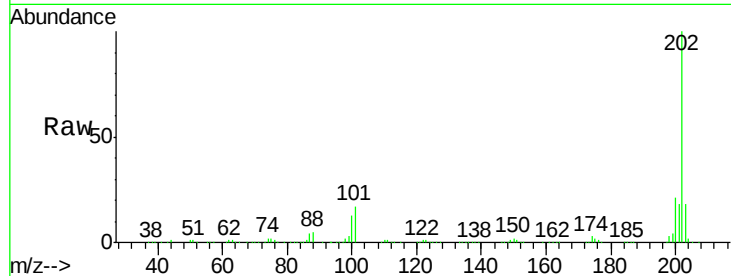
Tot Ion:202 Resp: 554753

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

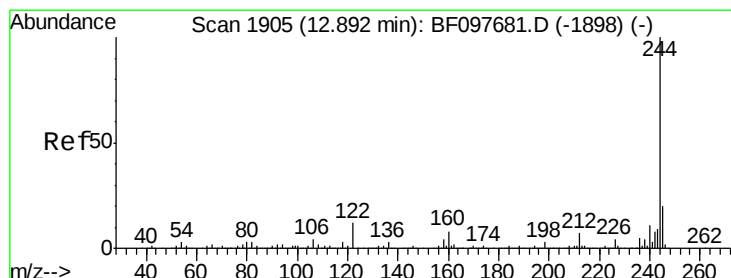
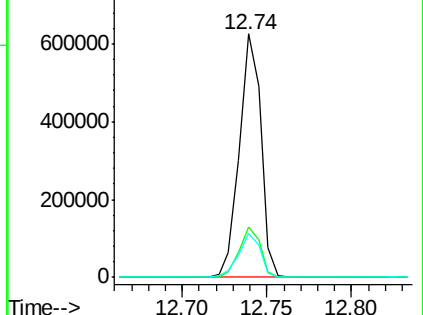
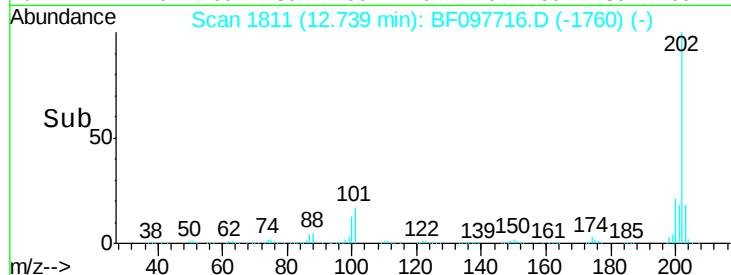
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 42.76 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

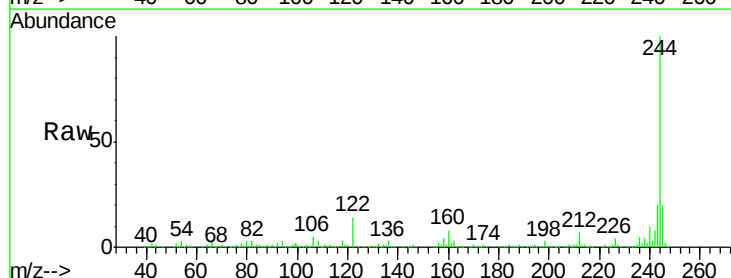
Tgt Ion:244 Resp: 565790

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

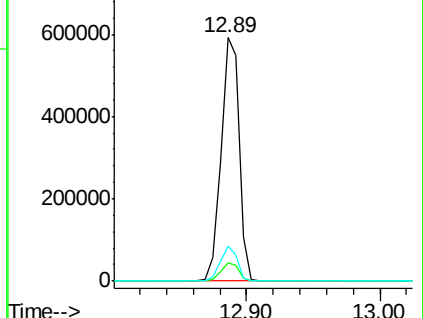
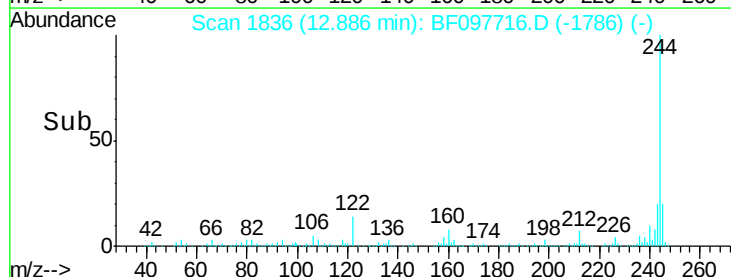
122 14.3 10.3 15.5

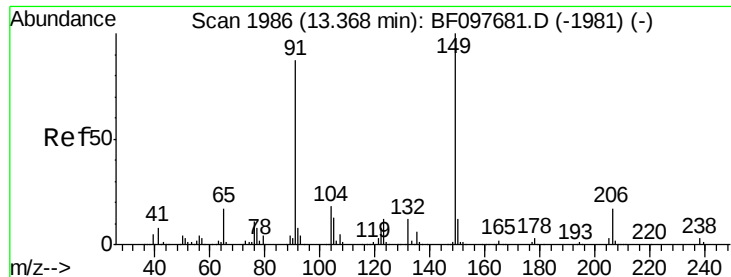


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

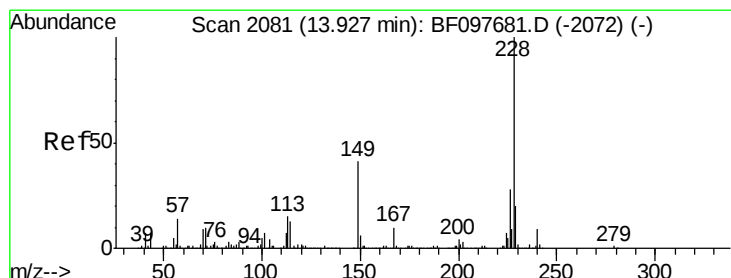
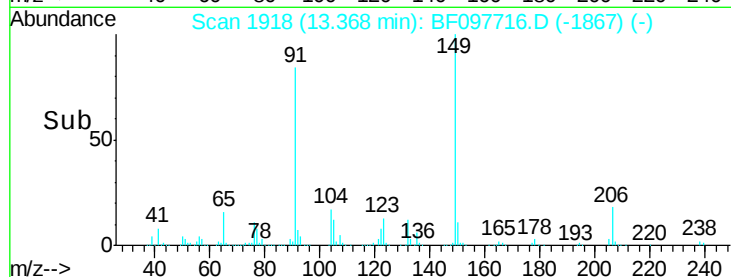
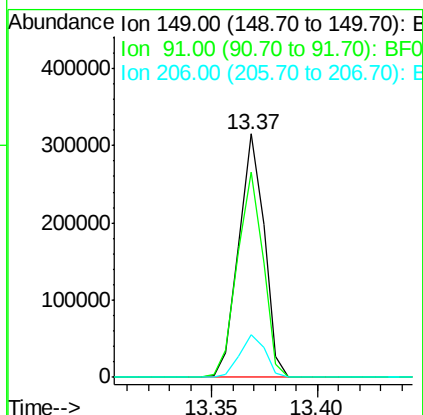
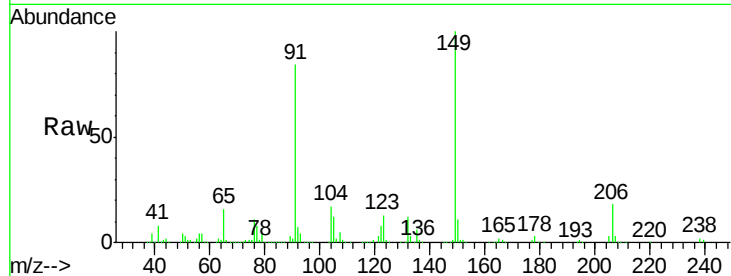




#79  
Butylbenzylphthalate  
Concen: 30.35 ng  
RT: 13.37 min Scan# 1918  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

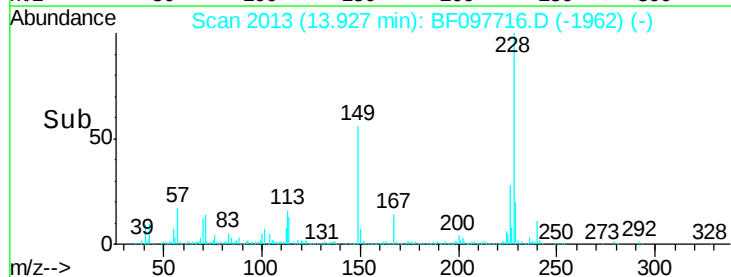
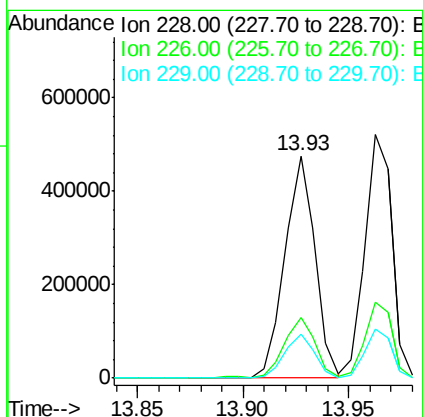
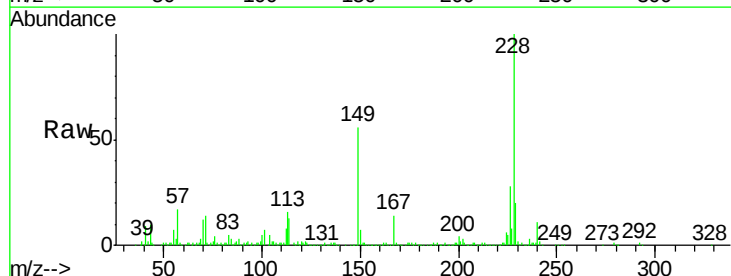
Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

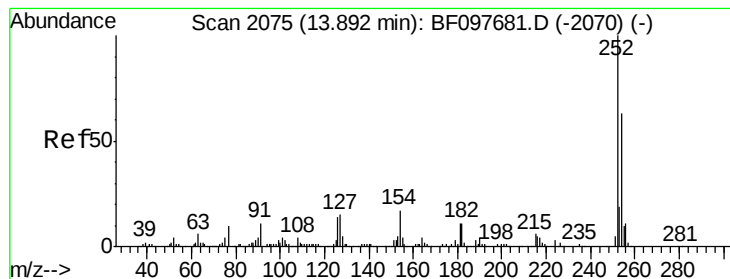
Tot Ion:149 Resp: 262615  
Ion Ratio Lower Upper  
149 100  
91 84.5 45.0 67.4#  
206 17.6 17.0 25.6



#80  
Benzo(a)anthracene  
Concen: 28.64 ng  
RT: 13.93 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Tgt Ion:228 Resp: 473677  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.6 33.8  
229 19.9 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 31.30 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

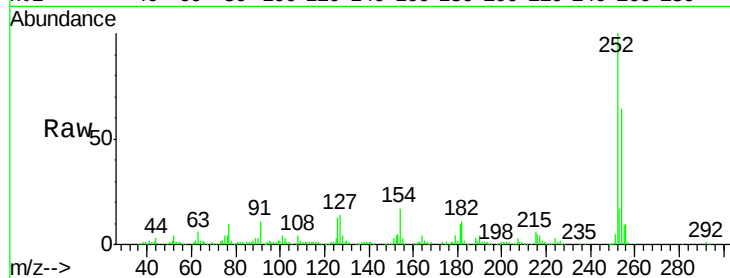
Tot Ion:252 Resp: 174652

Ion Ratio Lower Upper

252 100

254 63.7 51.5 77.3

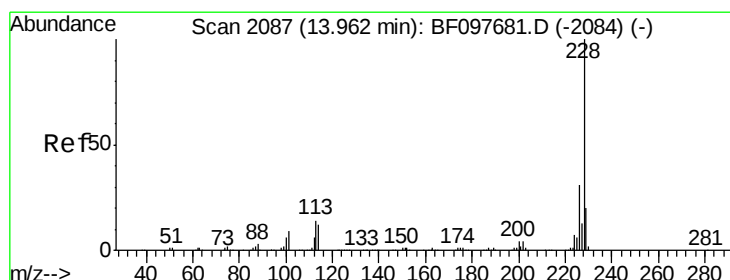
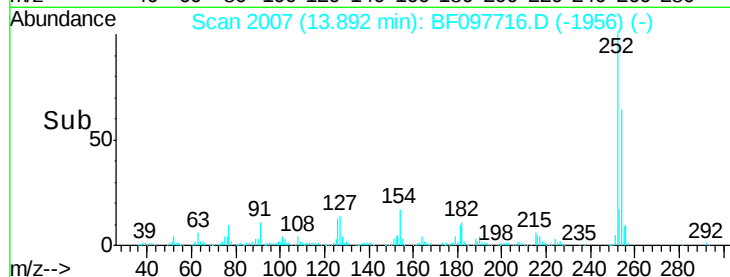
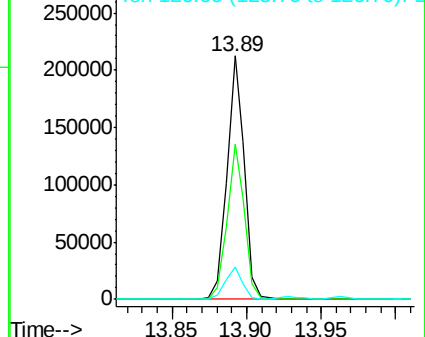
126 13.5 15.8 23.8#



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: 28.31 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

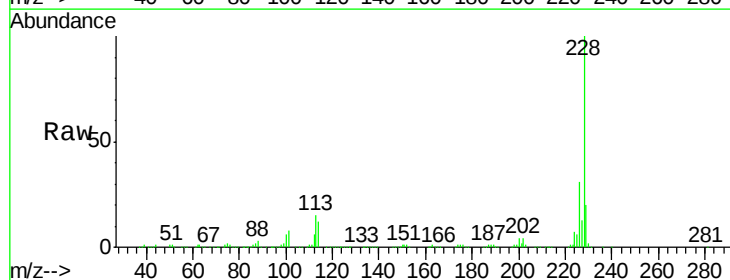
Tgt Ion:228 Resp: 465790

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

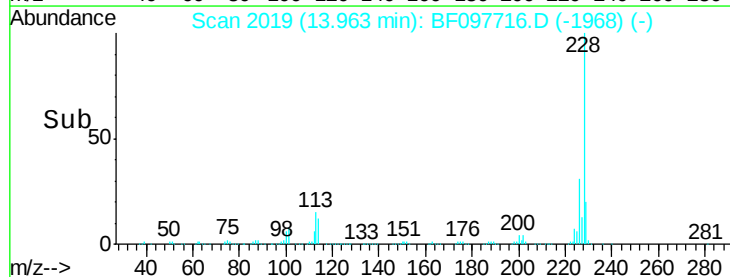
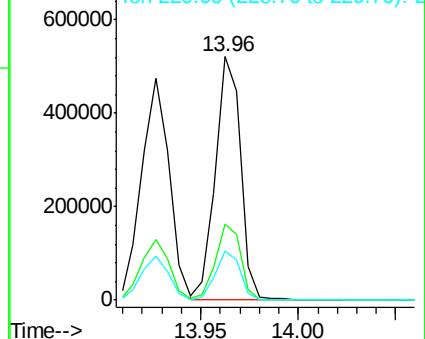
229 20.1 15.8 23.6

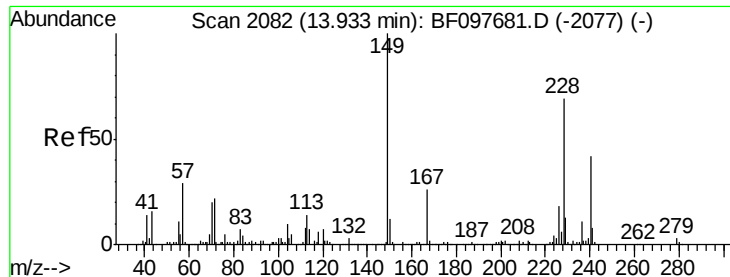


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

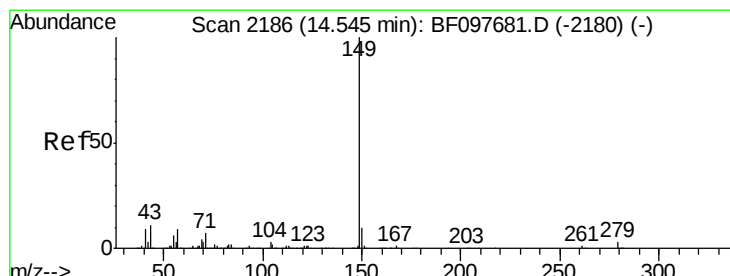
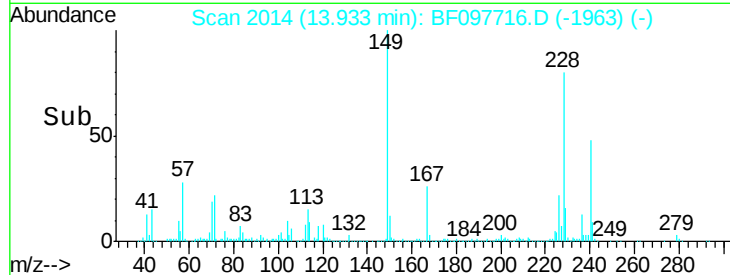
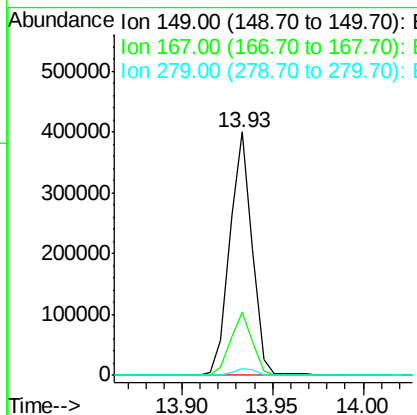
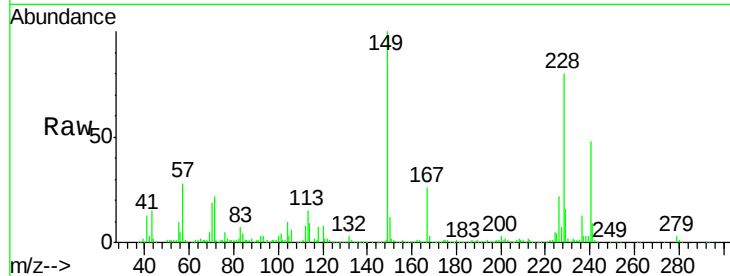




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 35.68 ng  
 RT: 13.93 min Scan# 2014  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

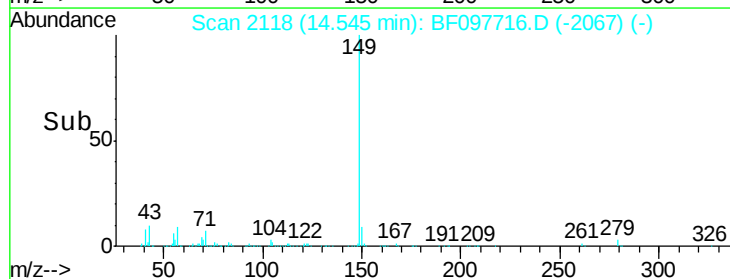
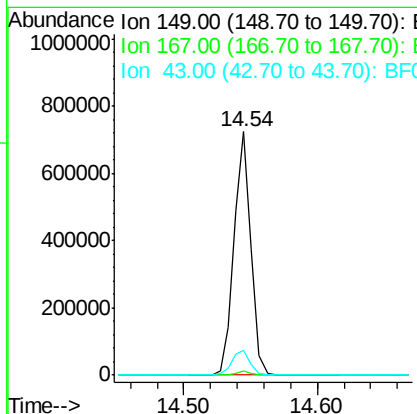
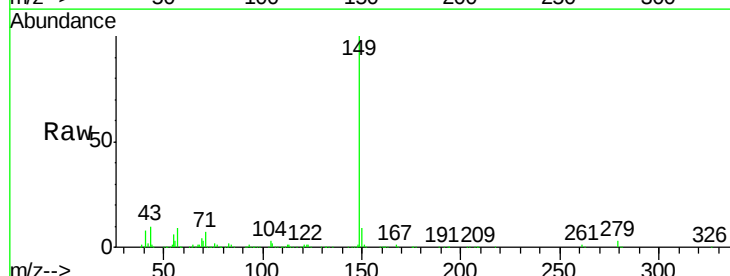
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

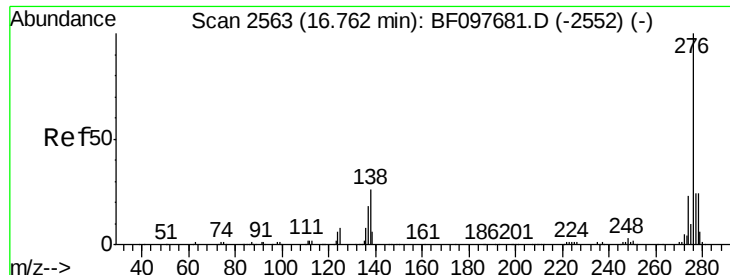
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:149 | Resp: | 342143    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 26.1  | 21.0 31.4 |
| 279         | 2.8   | 1.9 2.9   |



#84  
 Di-n-octyl phthalate  
 Concen: 38.62 ng  
 RT: 14.54 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:149 | Resp: | 644382   |
| Ion Ratio   | Lower | Upper    |
| 149         | 100   |          |
| 167         | 1.5   | 1.2 1.8  |
| 43          | 10.3  | 8.5 12.7 |

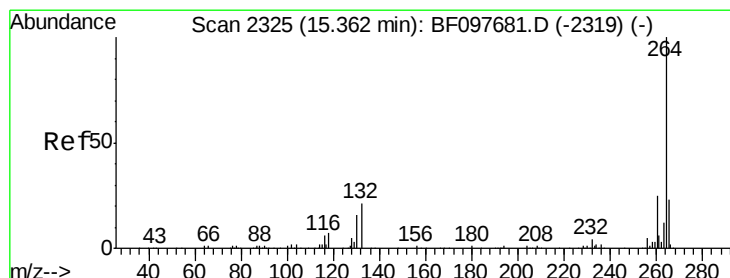
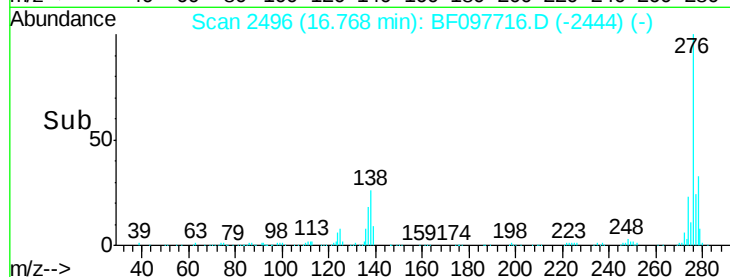
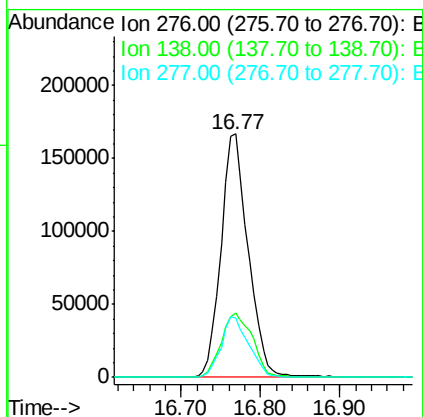
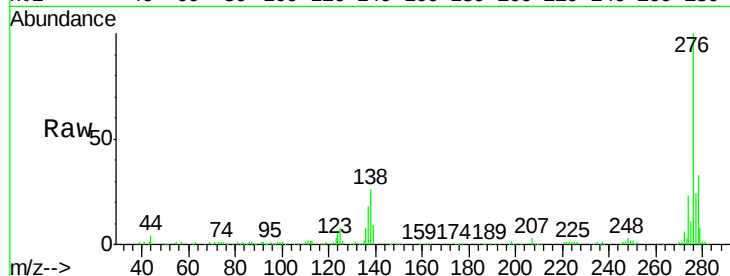




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.74 ng  
 RT: 16.77 min Scan# 2496  
 Delta R.T. 0.01 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

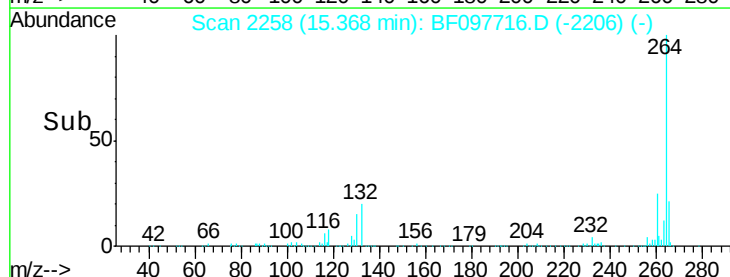
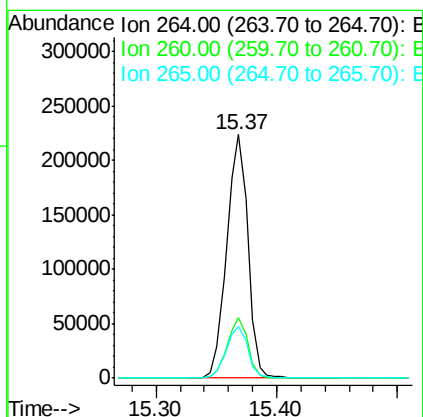
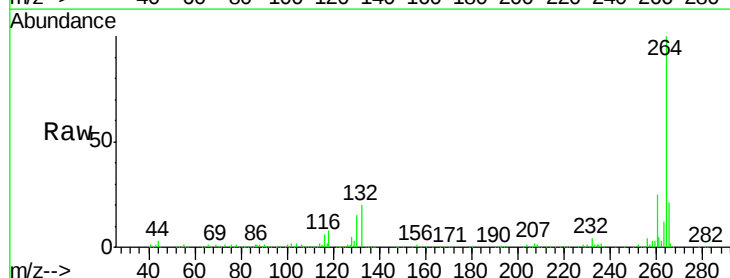
Instrument :  
 BNA\_F  
 ClientSampleId :  
 E2-G9-BASEMS

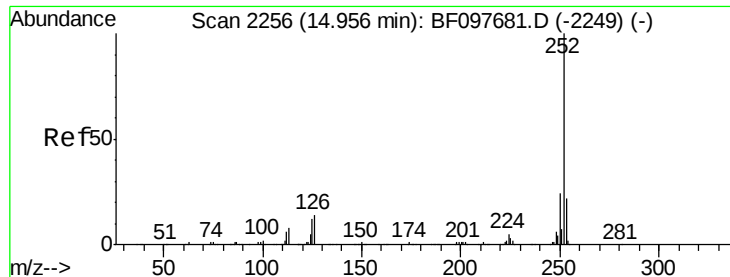
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.4  | 27.8  | 41.6  |
| 277     | 25.3  | 20.2  | 30.4  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.37 min Scan# 2258  
 Delta R.T. 0.01 min  
 Lab File: BF097716.D  
 Acq: 16 Aug 2017 3:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.0  | 19.5  | 29.3  |
| 265     | 21.0  | 17.2  | 25.8  |

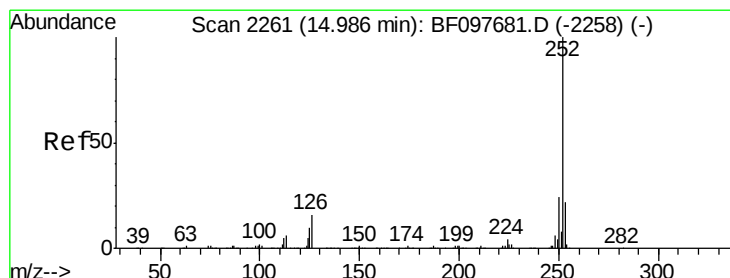
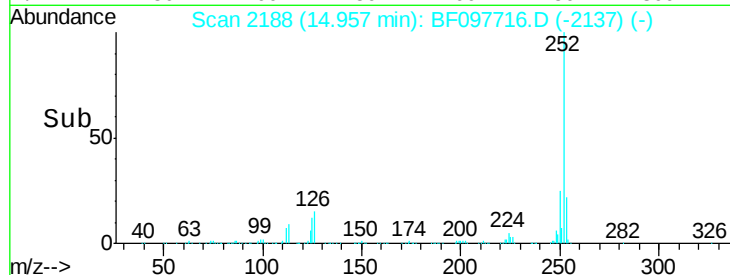
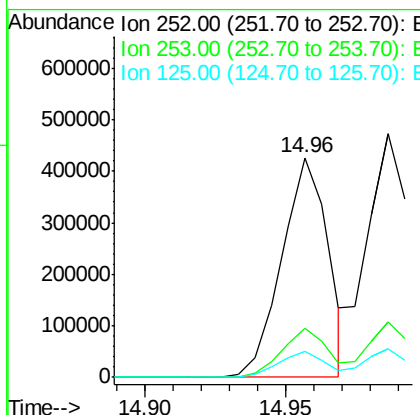
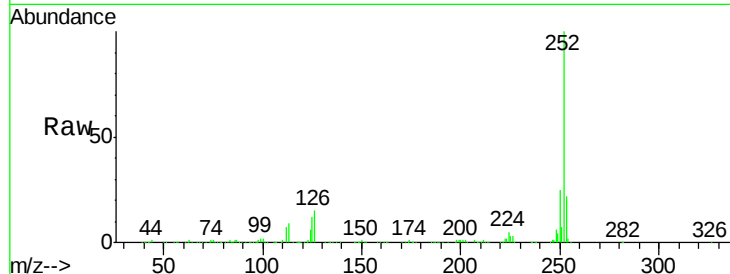




#87  
Benzo(b)fluoranthene  
Concen: 28.28 ng  
RT: 14.96 min Scan# 2188  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

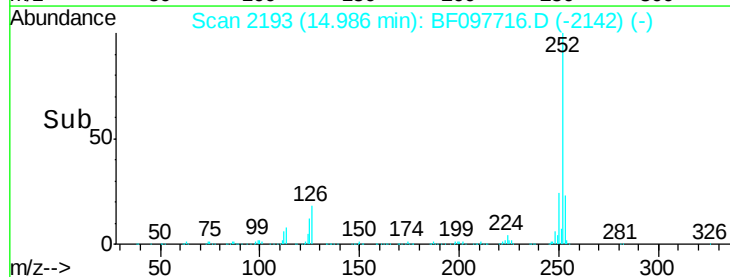
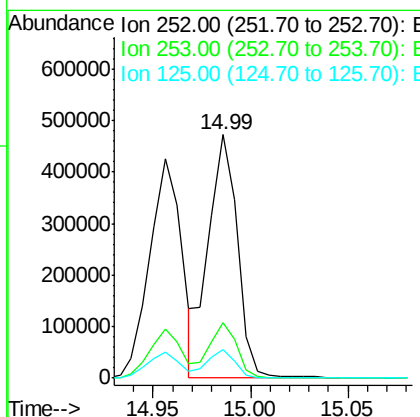
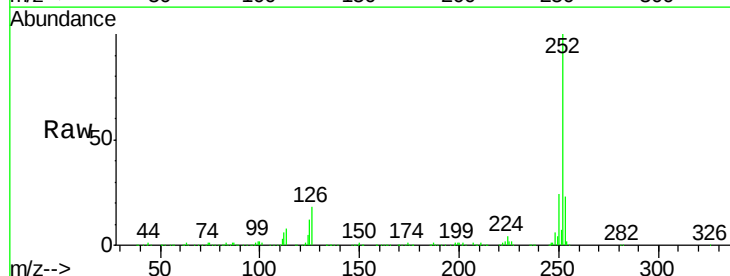
Instrument :  
BNA\_F  
ClientSampleId :  
E2-G9-BASEMS

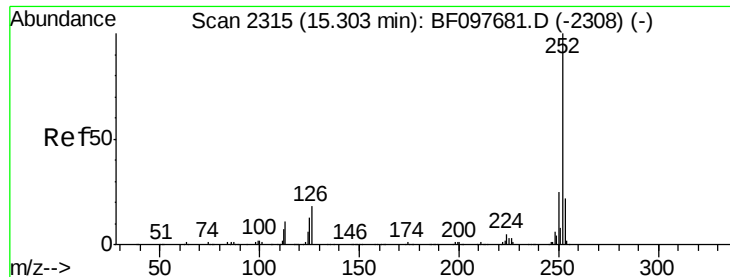
Tot Ion:252 Resp: 486090  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.1 27.1  
125 11.6 9.8 14.8



#88  
Benzo(k)fluoranthene  
Concen: 29.95 ng  
RT: 14.99 min Scan# 2193  
Delta R.T. 0.00 min  
Lab File: BF097716.D  
Acq: 16 Aug 2017 3:34

Tgt Ion:252 Resp: 483559  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.4 27.6  
125 11.8 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 30.52 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

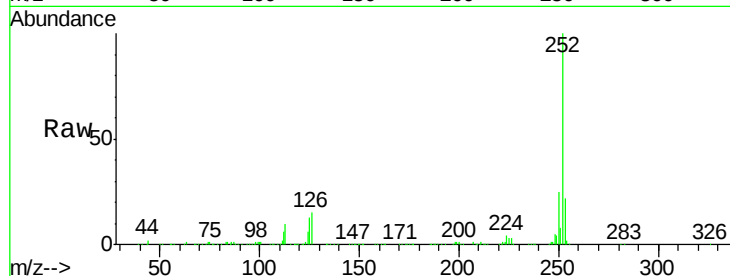
Tot Ion:252 Resp: 464332

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

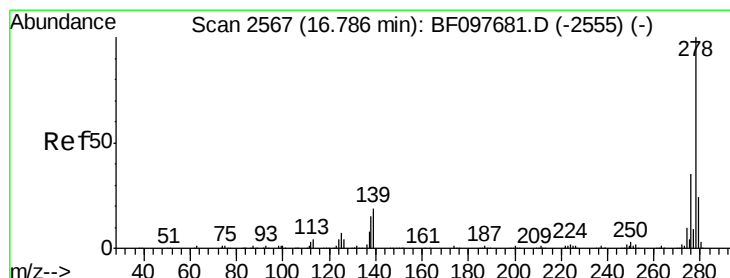
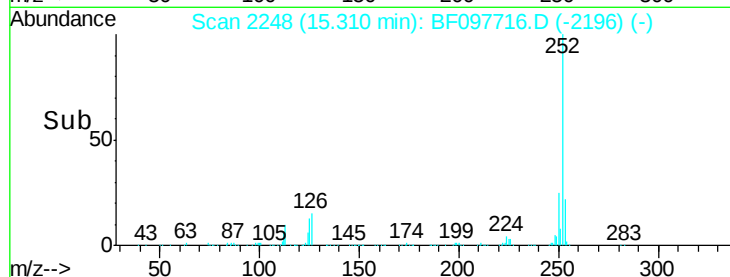
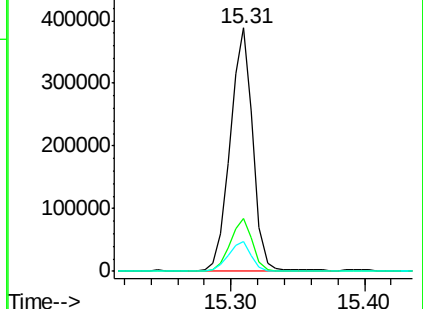
125 12.5 11.0 16.4



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: 27.77 ng

RT: 16.79 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

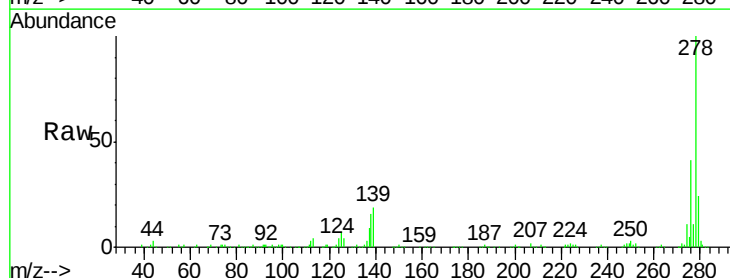
Tgt Ion:278 Resp: 344025

Ion Ratio Lower Upper

278 100

139 19.4 16.6 24.8

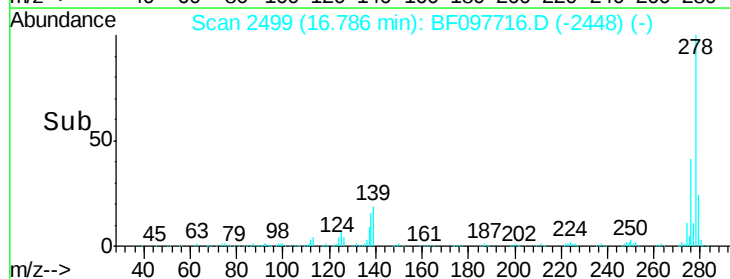
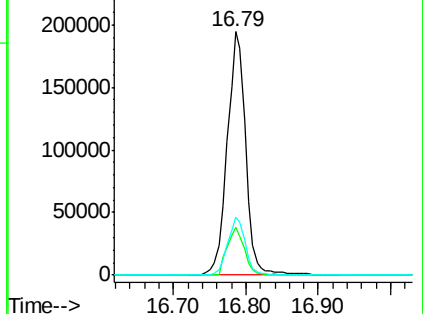
279 23.6 19.3 28.9

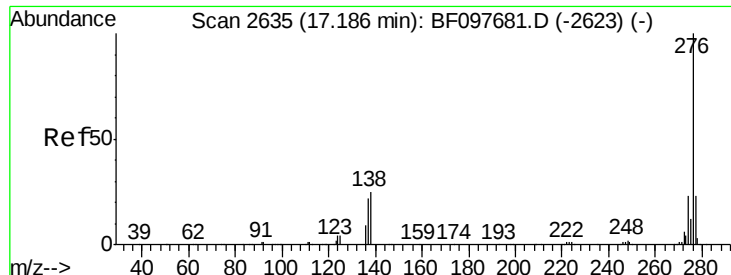


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 23.50 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BF097716.D

Acq: 16 Aug 2017 3:34

Instrument :

BNA\_F

ClientSampleId :

E2-G9-BASEMS

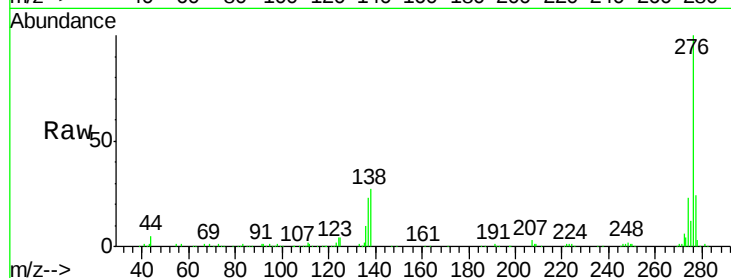
Tot Ion: 276 Resp: 303698

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 26.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

