

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\  
 Data File : BF098065.D  
 Acq On : 28 Aug 2017 13:35  
 Operator : SJ/JU  
 Sample : I4961-02MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

Quant Time: Aug 29 08:06:58 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 15:59:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 102863   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.03  | 136  | 413311   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.78  | 164  | 181317   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.26 | 188  | 329446   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.90 | 240  | 204542   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.32 | 264  | 208390   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.36  | 112 | 892155  | 131.93 | ng | 0.00  |
| 7) Phenol-d6             | 6.39  | 99  | 1232030 | 134.09 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.31  | 82  | 768580  | 101.02 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.57 | 330 | 211409  | 134.38 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.10  | 172 | 1092320 | 88.51  | ng | 0.00  |
| 78) Terphenyl-d14        | 12.85 | 244 | 768482  | 78.35  | ng | 0.00  |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.46 | 88  | 140416 | 37.232 | ng | 89     |
| 3) Pyridine                    | 3.18 | 79  | 336554 | 32.280 | ng | 87     |
| 4) n-Nitrosodimethylamine      | 3.13 | 42  | 164411 | 40.983 | ng | 80     |
| 6) Aniline                     | 6.41 | 93  | 308504 | 23.901 | ng | 98     |
| 8) 2-Chlorophenol              | 6.53 | 128 | 313358 | 43.938 | ng | 99     |
| 9) Benzaldehyde                | 6.29 | 77  | 163692 | 28.126 | ng | 89     |
| 10) Phenol                     | 6.40 | 94  | 460248 | 42.829 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.49 | 93  | 353472 | 43.580 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.69 | 146 | 314616 | 41.012 | ng | # 94   |
| 13) 1,4-Dichlorobenzene        | 6.76 | 146 | 315498 | 40.438 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 6.92 | 146 | 297144 | 41.304 | ng | 100    |
| 15) Benzyl Alcohol             | 6.89 | 79  | 311020 | 45.212 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 444614 | 40.742 | ng | 88     |
| 17) 2-Methylphenol             | 7.01 | 107 | 278165 | 44.260 | ng | 95     |
| 18) Hexachloroethane           | 7.26 | 117 | 126986 | 41.514 | ng | # 84   |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 248430 | 39.497 | ng | 90     |
| 20) 3+4-Methylphenols          | 7.16 | 107 | 341491 | 44.487 | ng | 92     |
| 22) Acetophenone               | 7.16 | 105 | 457201 | 41.873 | ng | # 90   |
| 24) Nitrobenzene               | 7.33 | 77  | 402574 | 47.523 | ng | 96     |
| 25) Isophorone                 | 7.57 | 82  | 689686 | 43.595 | ng | 97     |
| 26) 2-Nitrophenol              | 7.65 | 139 | 158147 | 51.143 | ng | # 79   |
| 27) 2,4-Dimethylphenol         | 7.69 | 122 | 279566 | 42.372 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 436716 | 41.989 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.89 | 162 | 243923 | 44.537 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 7.97 | 180 | 247971 | 40.842 | ng | 98     |
| 31) Naphthalene                | 8.05 | 128 | 904722 | 42.164 | ng | 99     |
| 32) Benzoic acid               | 7.76 | 122 | 9662   | 8.146  | ng | 97     |
| 33) 4-Chloroaniline            | 8.10 | 127 | 177389 | 19.603 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 141074 | 39.796 | ng | 98     |
| 35) Caprolactam                | 8.47 | 113 | 73423m | 39.434 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107 | 296391 | 42.120 | ng | # 81   |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 580296 | 44.112 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.91 | 216 | 230519 | 41.426 | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 8.89 | 237 | 197165 | 73.754 | ng | 99     |

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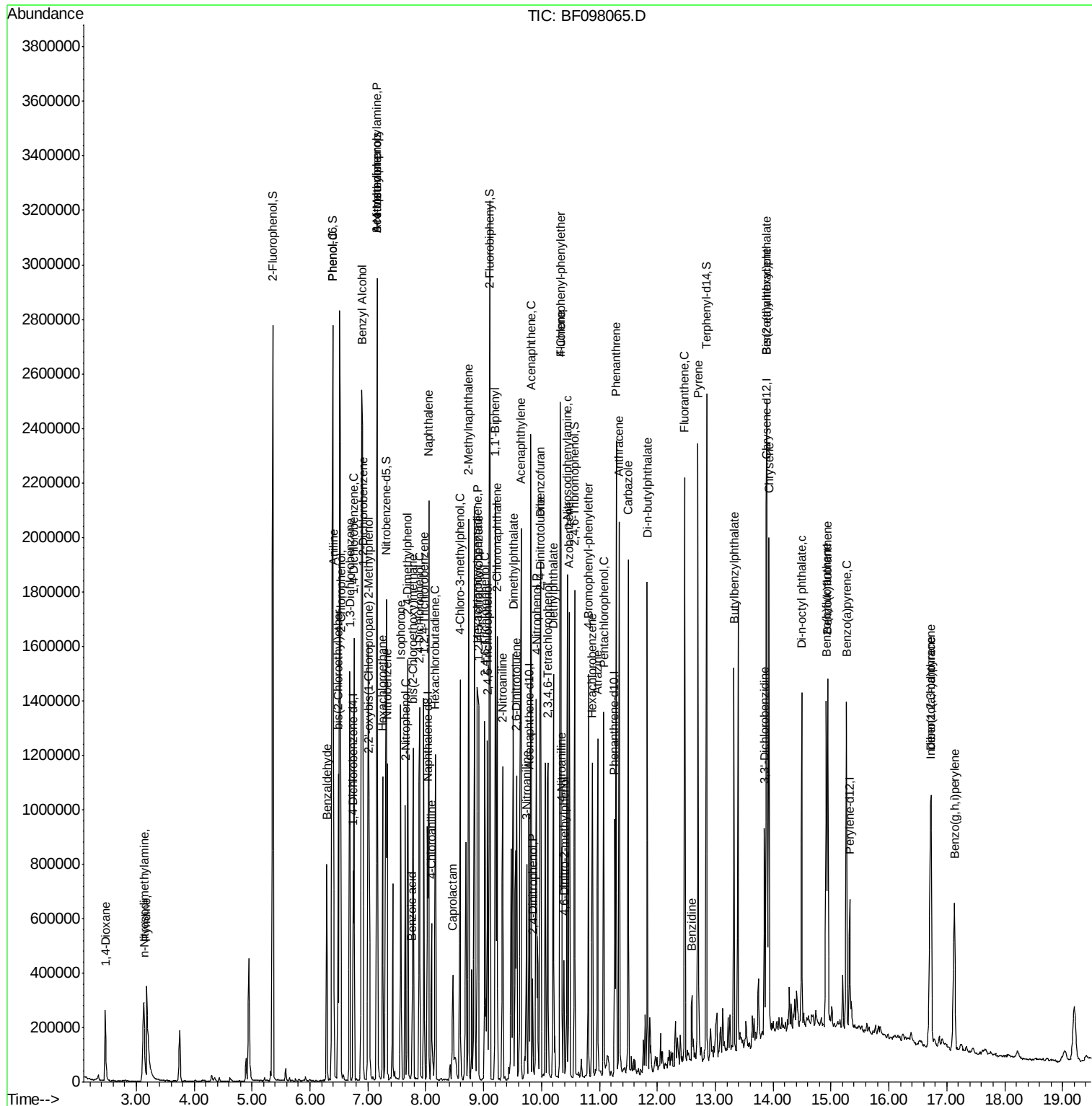
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.02  | 196  | 162507   | 43.499 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.06  | 196  | 168671   | 45.509 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 9.20  | 154  | 665796   | 40.267 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.23  | 162  | 499944   | 40.922 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.33  | 65   | 201093   | 49.100 | nq    | 95       |
| 48) Acenaphthylene             | 9.65  | 152  | 806348   | 42.030 | nq    | 99       |
| 49) Dimethylphthalate          | 9.51  | 163  | 682699   | 51.510 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.57  | 165  | 125448   | 47.418 | nq #  | 73       |
| 51) Acenaphthene               | 9.82  | 154  | 476168   | 39.354 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.74  | 138  | 112083   | 32.837 | nq    | 91       |
| 53) 2,4-Dinitrophenol          | 9.85  | 184  | 40713    | 38.392 | nq #  | 71       |
| 54) Dibenzofuran               | 9.99  | 168  | 711661   | 43.886 | nq    | 98       |
| 55) 4-Nitrophenol              | 9.91  | 139  | 212996   | 78.226 | nq #  | 43       |
| 56) 2,4-Dinitrotoluene         | 9.97  | 165  | 161288   | 48.579 | nq #  | 47       |
| 57) Fluorene                   | 10.33 | 166  | 539567   | 43.036 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.11 | 232  | 132865   | 46.302 | nq    | 93       |
| 59) Diethylphthalate           | 10.21 | 149  | 583833   | 42.124 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.32 | 204  | 243734   | 41.846 | nq    | 89       |
| 61) 4-Nitroaniline             | 10.35 | 138  | 131633   | 40.576 | nq #  | 72       |
| 62) Azobenzene                 | 10.48 | 77   | 709634   | 43.103 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.39 | 198  | 46547    | 33.106 | nq #  | 75       |
| 65) n-Nitrosodiphenylamine     | 10.45 | 169  | 479522   | 42.743 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.81 | 248  | 149548   | 43.714 | nq    | 100      |
| 67) Hexachlorobenzene          | 10.88 | 284  | 142850   | 40.967 | nq #  | 94       |
| 68) Atrazine                   | 10.97 | 200  | 138701   | 46.619 | nq    | 98       |
| 69) Pentachlorophenol          | 11.07 | 266  | 138296   | 68.022 | nq    | 98       |
| 70) Phenanthrene               | 11.29 | 178  | 825140   | 47.002 | nq    | 99       |
| 71) Anthracene                 | 11.34 | 178  | 776724   | 43.622 | nq    | 100      |
| 72) Carbazole                  | 11.50 | 167  | 697036   | 41.241 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.83 | 149  | 838401   | 43.065 | nq    | 99       |
| 74) Fluoranthene               | 12.47 | 202  | 859810   | 46.924 | nq    | 99       |
| 76) Benzidine                  | 12.60 | 184  | 90104    | 13.435 | nq #  | 91       |
| 77) Pyrene                     | 12.70 | 202  | 988168   | 59.069 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.32 | 149  | 291473   | 45.443 | nq #  | 69       |
| 80) Benzo(a)anthracene         | 13.89 | 228  | 616146   | 50.261 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.85 | 252  | 143855   | 34.775 | nq #  | 96       |
| 82) Chrysene                   | 13.93 | 228  | 618334   | 50.704 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.88 | 149  | 358607   | 50.455 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.49 | 149  | 566319   | 45.794 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.72 | 276  | 533341   | 59.452 | nq    | 93       |
| 87) Benzo(b)fluoranthene       | 14.92 | 252  | 650306   | 49.508 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 14.94 | 252  | 496892m  | 40.264 | nq    |          |
| 89) Benzo(a)pyrene             | 15.27 | 252  | 605547   | 52.074 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 16.73 | 278  | 402555   | 42.522 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.13 | 276  | 438252   | 44.366 | nq #  | 92       |

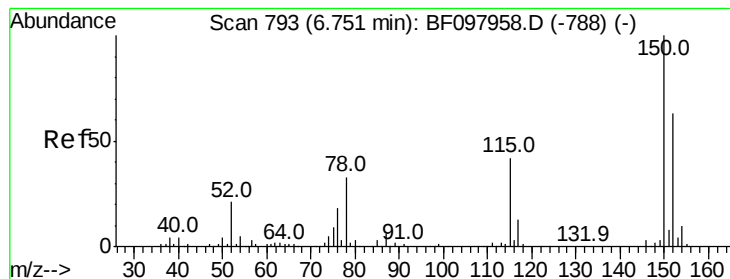
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc      :
ALS Vial  : 9      Sample Multiplier: 1
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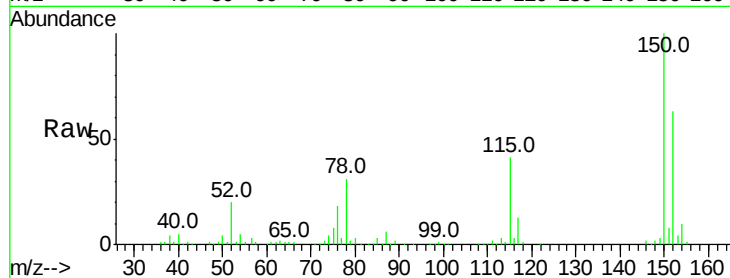


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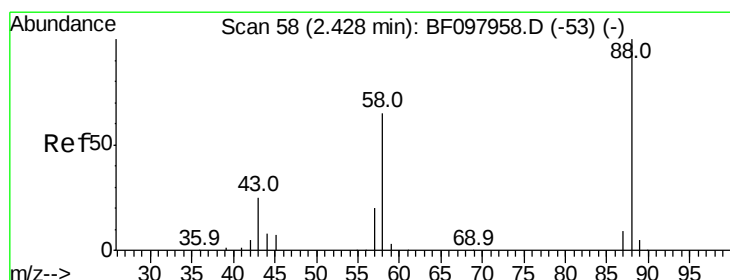
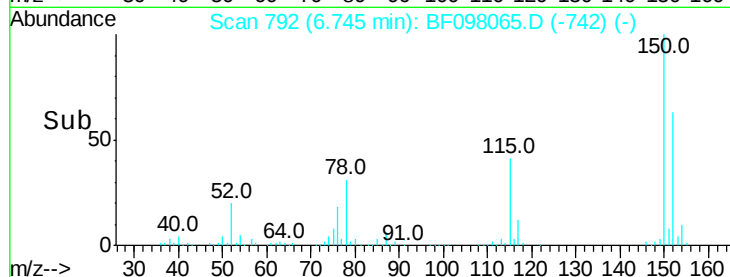
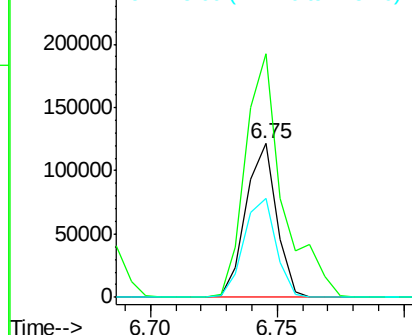
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

Tot Ion:152 Resp: 102863  
Ion Ratio Lower Upper  
152 100  
150 158.3 126.2 189.2  
115 64.7 52.2 78.2



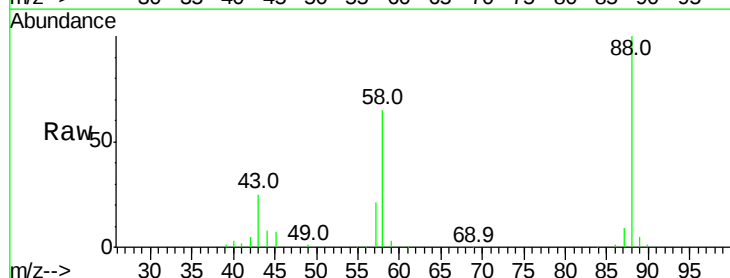
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



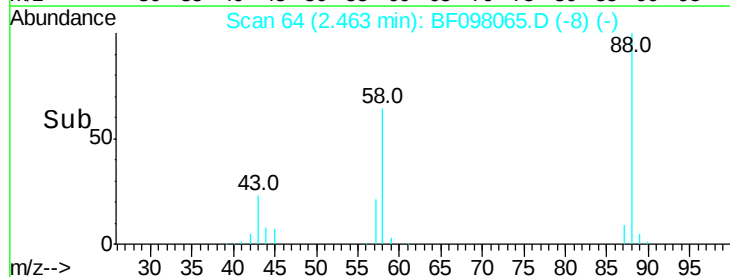
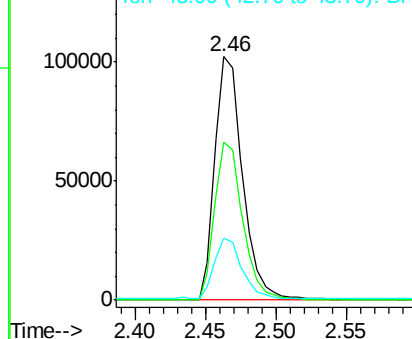
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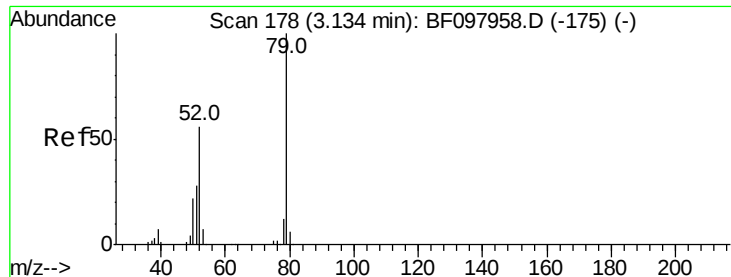
1,4-Dioxane  
Concen: 37.232 ng  
RT: 2.46 min Scan# 64  
Delta R.T. 0.03 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion: 88 Resp: 140416  
Ion Ratio Lower Upper  
88 100  
58 65.6 61.4 92.0  
43 26.0 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: 32.280 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.05 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

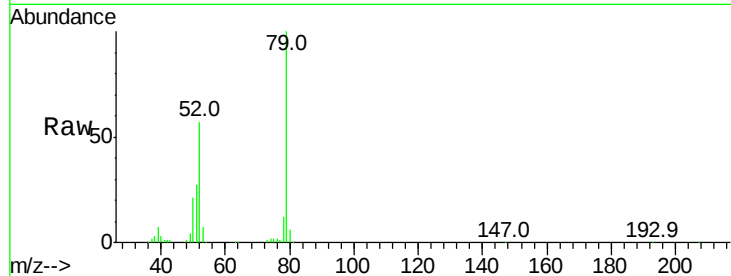
Tot Ion: 79 Resp: 336554

Ion Ratio Lower Upper

79 100

52 56.7 54.8 82.2

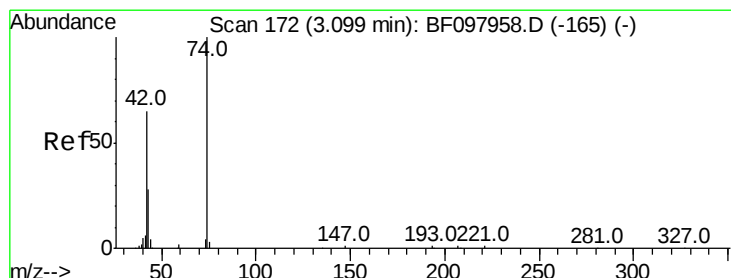
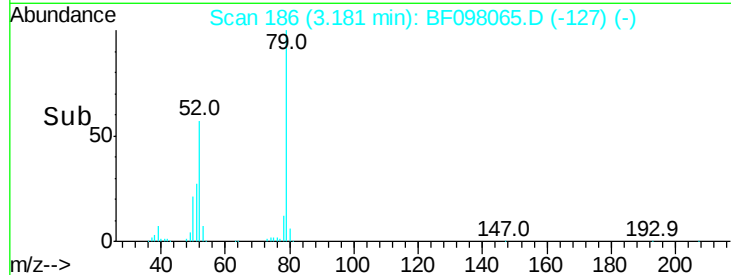
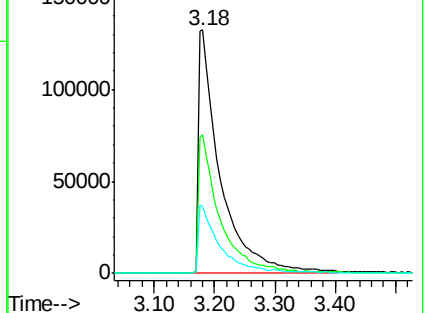
51 27.3 27.0 40.4



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: 40.983 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.02 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

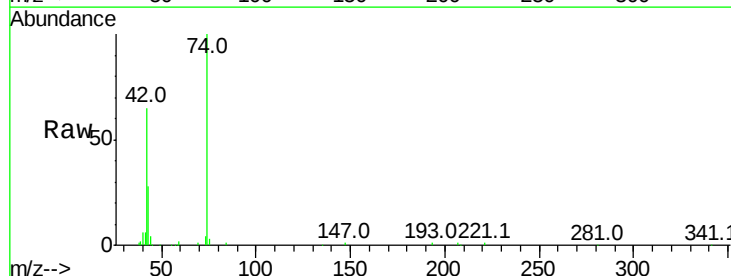
Tgt Ion: 42 Resp: 164411

Ion Ratio Lower Upper

42 100

74 154.4 103.9 155.9

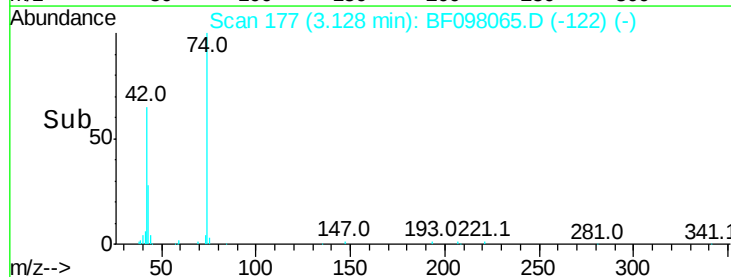
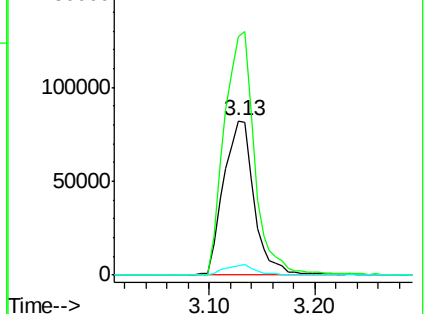
44 6.2 5.7 8.5

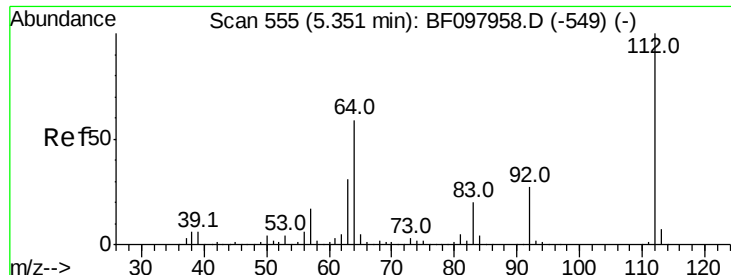


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

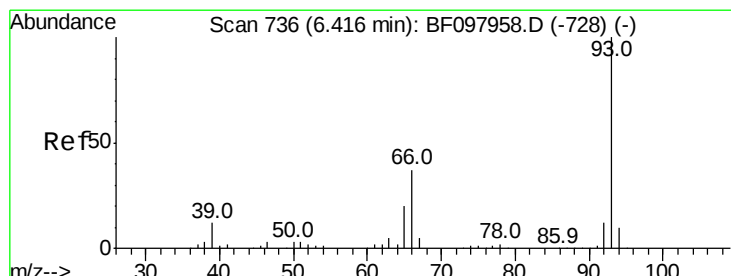
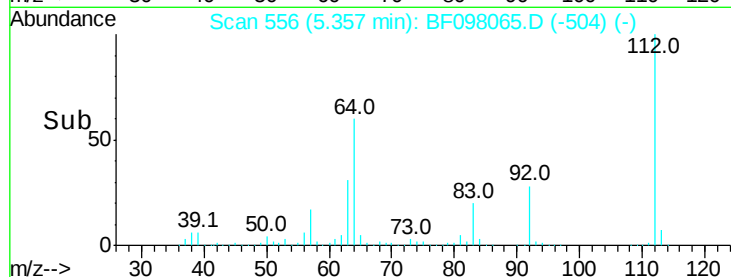
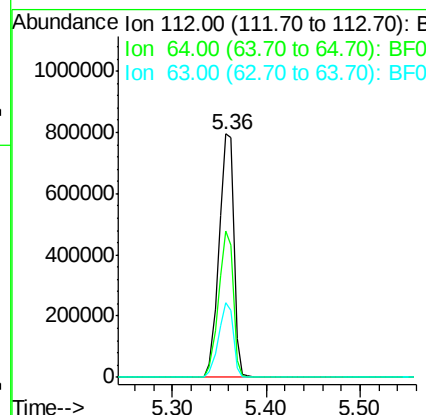
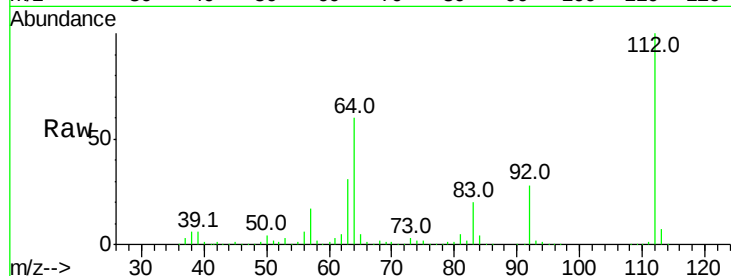




#5  
 2-Fluorophenol  
 Concen: 131.926 ng  
 RT: 5.36 min Scan# 556  
 Delta R.T. 0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

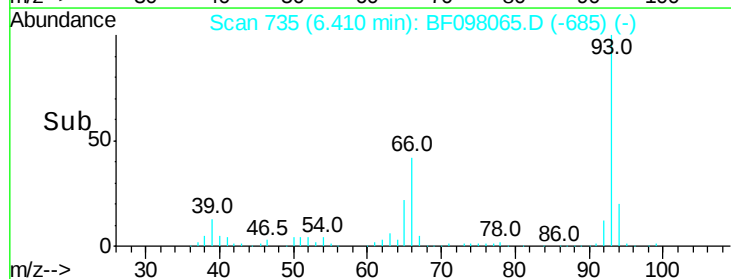
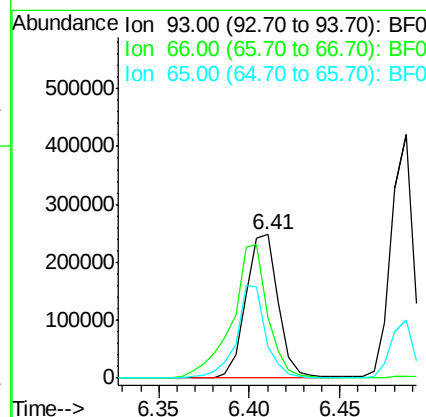
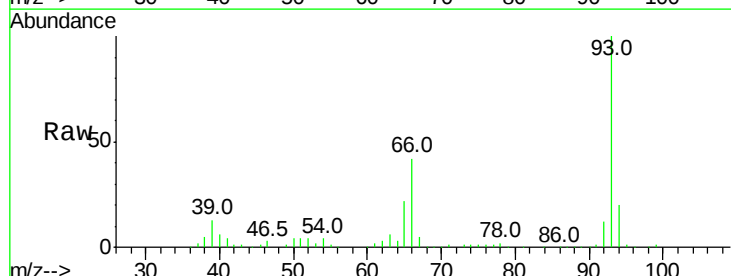
Instrument :  
 BNA\_F  
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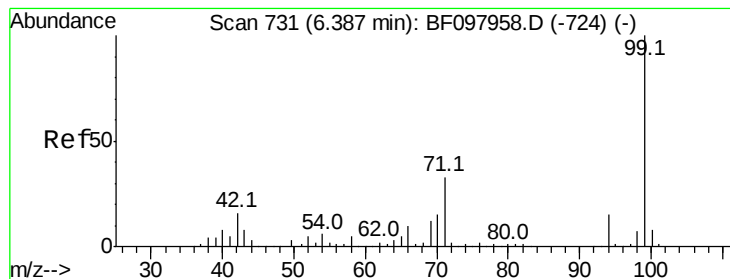
Tot Ion:112 Resp: 892155  
 Ion Ratio Lower Upper  
 112 100  
 64 60.0 46.0 69.0  
 63 30.5 23.4 35.0



#6  
 Aniline  
 Concen: 23.901 ng  
 RT: 6.41 min Scan# 735  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion: 93 Resp: 308504  
 Ion Ratio Lower Upper  
 93 100  
 66 41.9 32.9 49.3  
 65 21.7 16.0 24.0





#7

Phenol-d6

Concen: 134.086 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

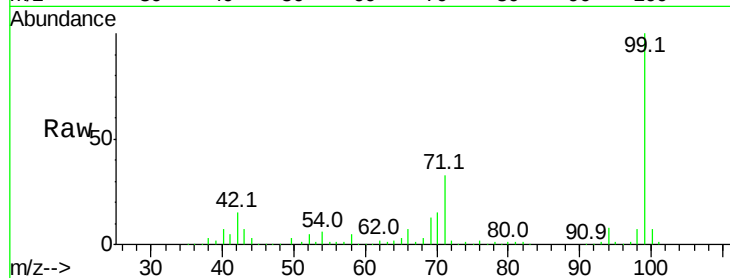
Tot Ion: 99 Resp: 1232030

Ion Ratio Lower Upper

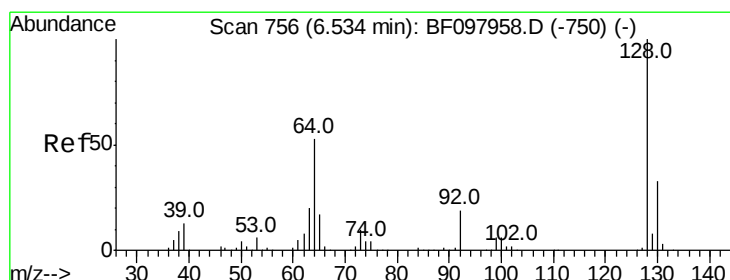
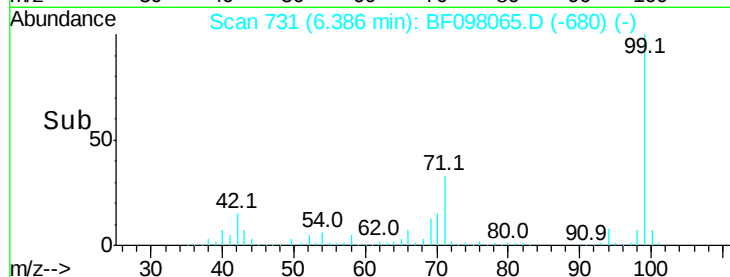
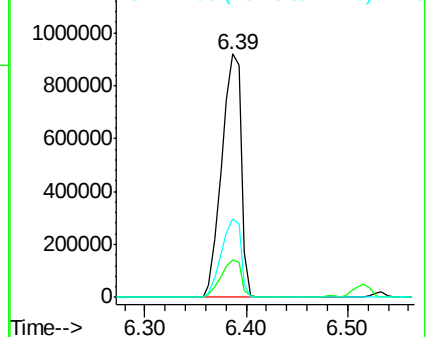
99 100

42 15.4 13.5 20.3

71 32.5 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: 43.938 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

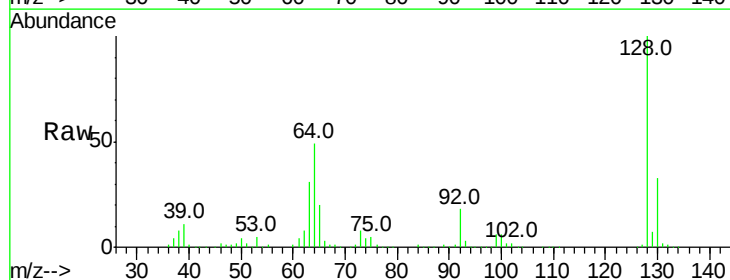
Tgt Ion:128 Resp: 313358

Ion Ratio Lower Upper

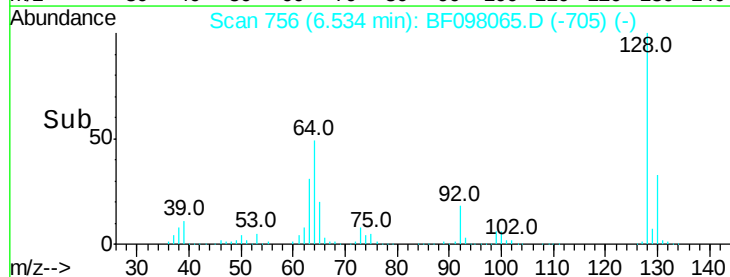
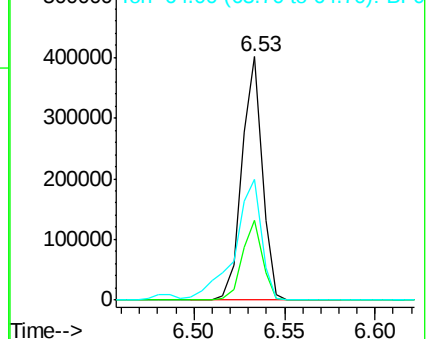
128 100

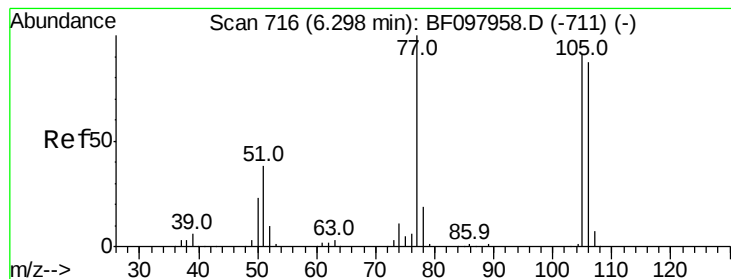
130 32.9 12.9 52.9

64 49.5 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: 28.126 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

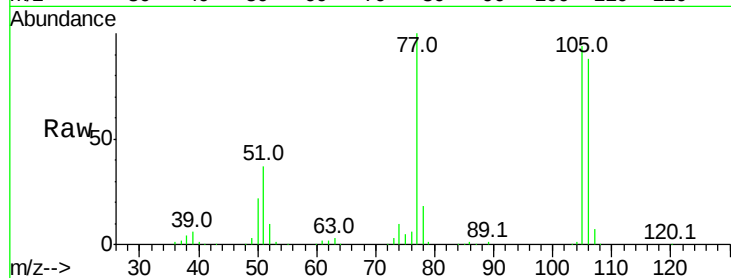
Tot Ion: 77 Resp: 163692

Ion Ratio Lower Upper

77 100

105 93.7 83.8 123.8

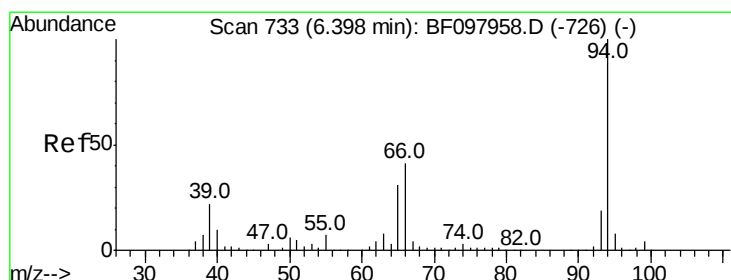
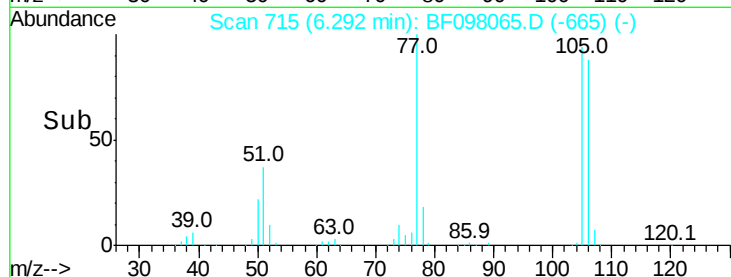
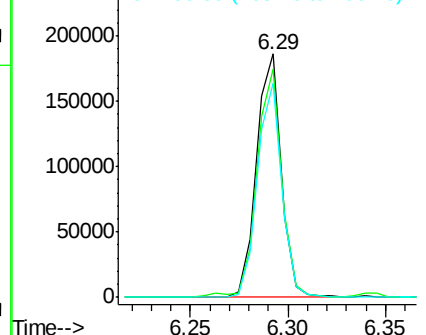
106 87.9 79.1 119.1



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: 42.829 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

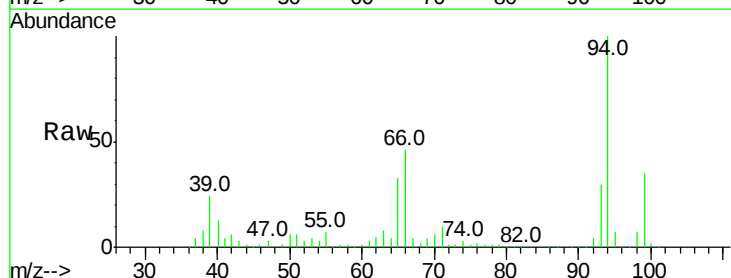
Tgt Ion: 94 Resp: 460248

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

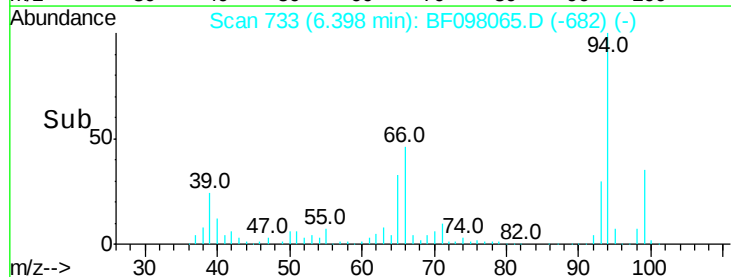
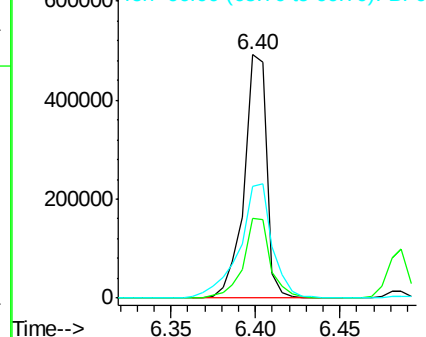
66 45.9 23.1 63.1

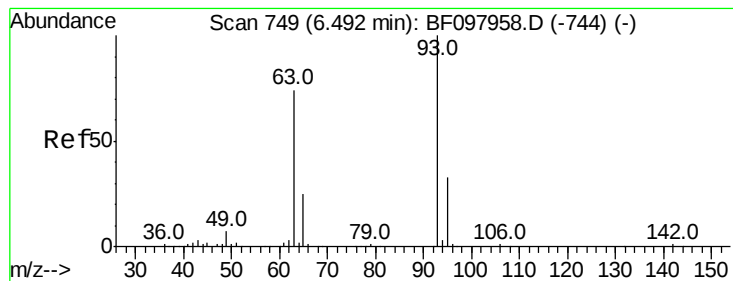


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

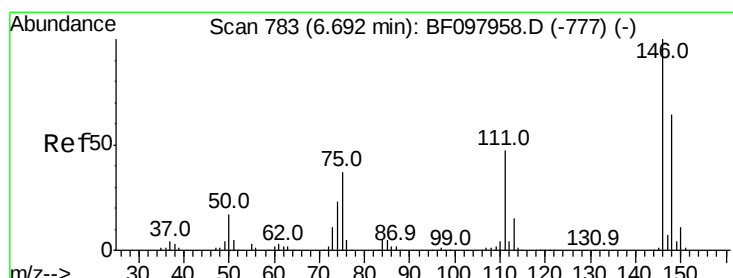
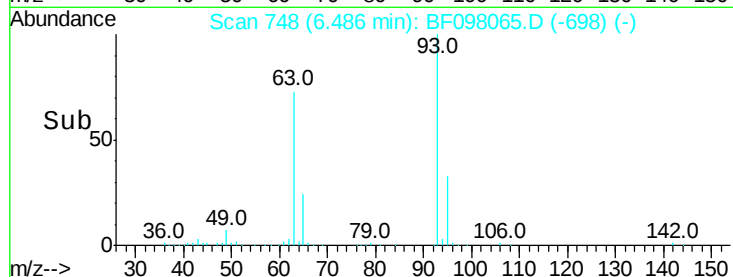
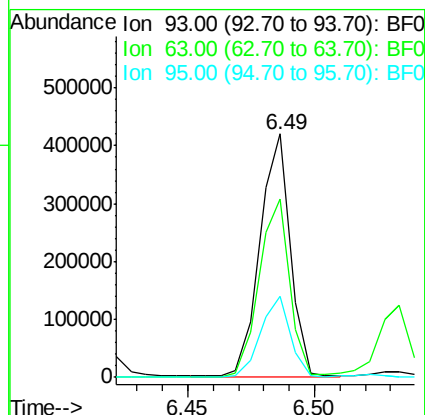
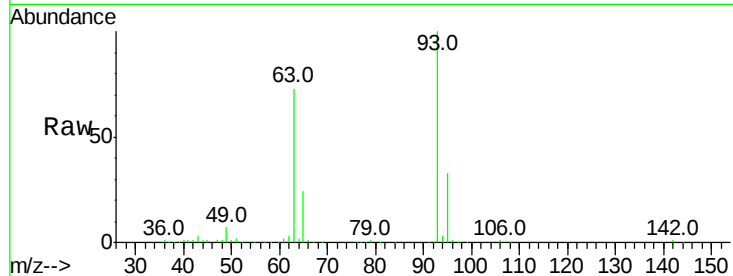




#11  
bis(2-Chloroethyl)ether  
Concen: 43.580 ng  
RT: 6.49 min Scan# 748  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

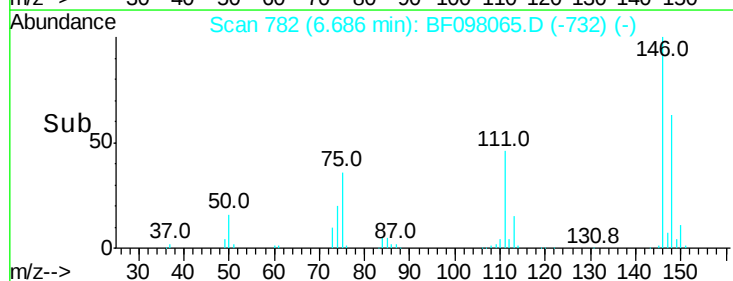
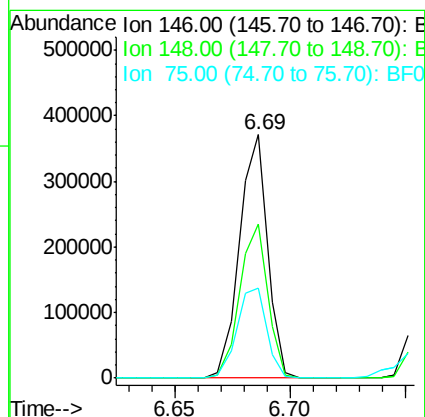
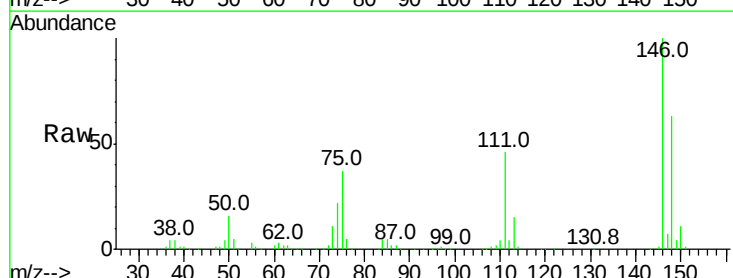
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

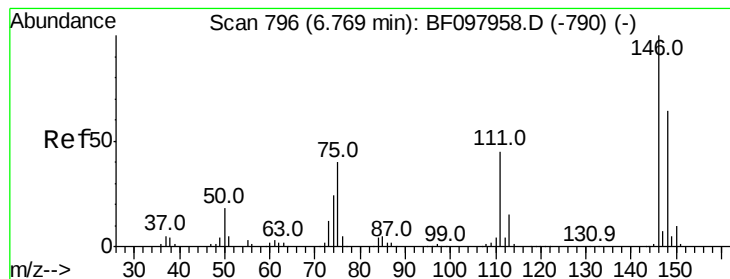
Tot Ion: 93 Resp: 353472  
Ion Ratio Lower Upper  
93 100  
63 73.3 59.2 99.2  
95 33.2 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 41.012 ng  
RT: 6.69 min Scan# 782  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion: 146 Resp: 314616  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.8 77.6  
75 37.0 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 40.438 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

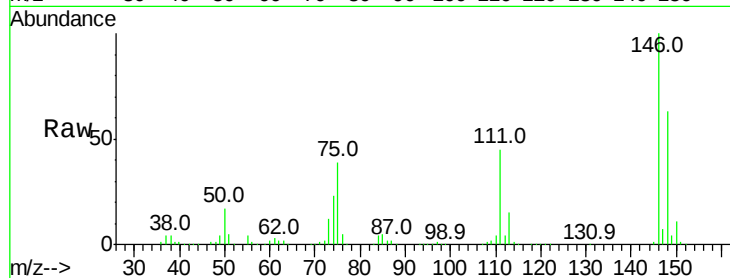
Tot Ion:146 Resp: 315498

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

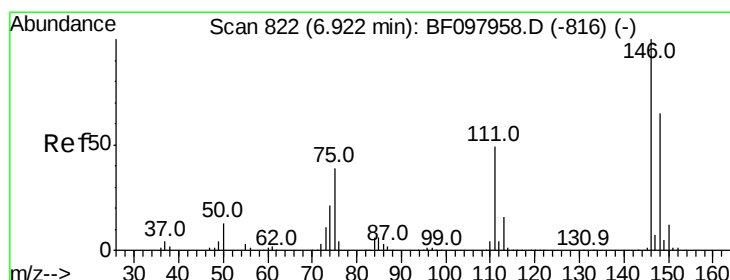
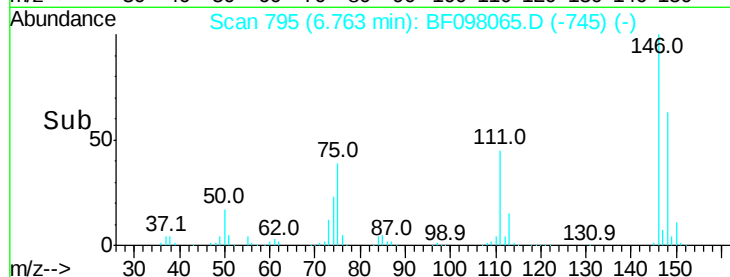
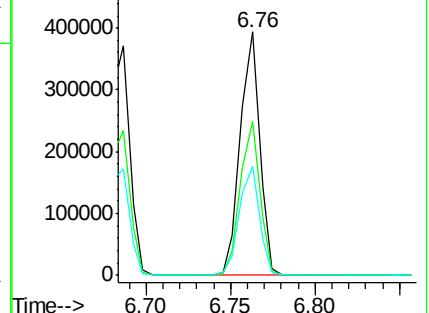
111 45.1 30.3 45.5



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: 41.304 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

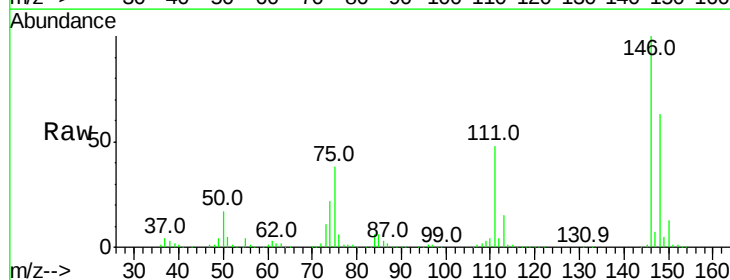
Tgt Ion:146 Resp: 297144

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

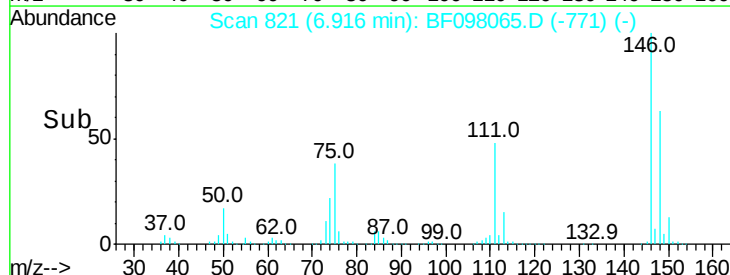
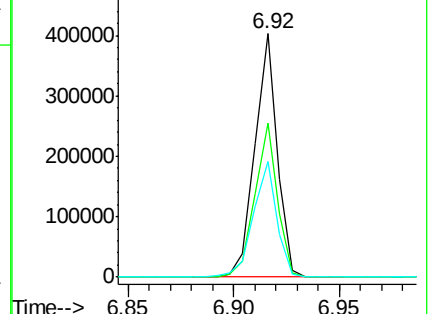
111 47.6 38.2 57.4

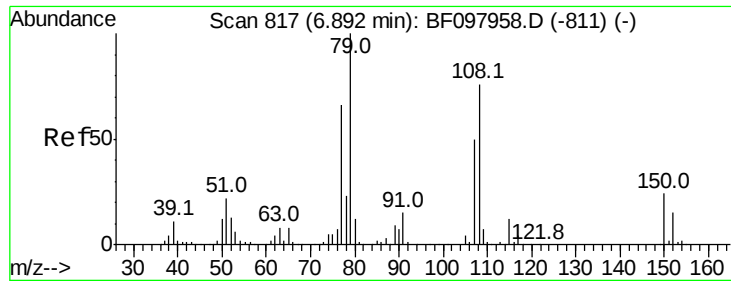


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

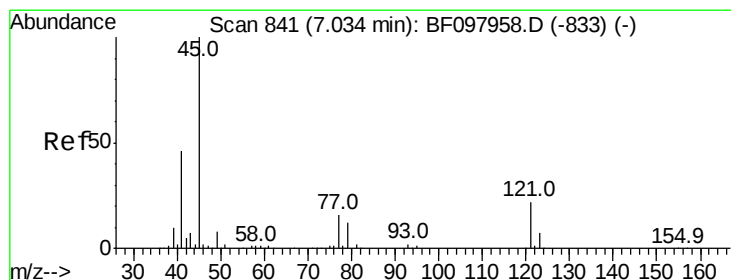
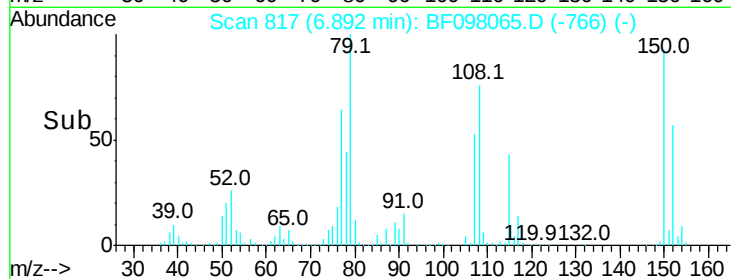
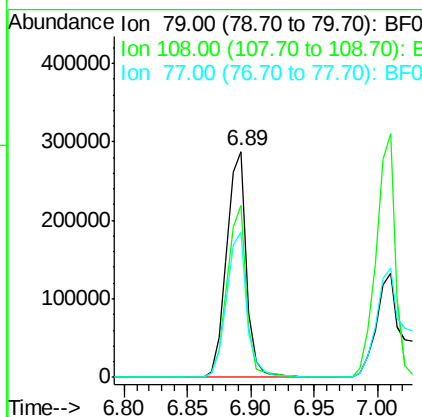
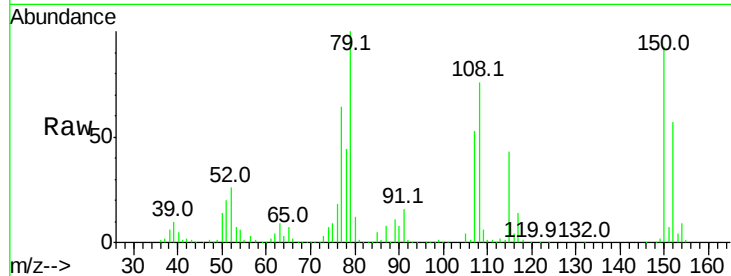




#15  
Benzyl Alcohol  
Concen: 45.212 ng  
RT: 6.89 min Scan# 817  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

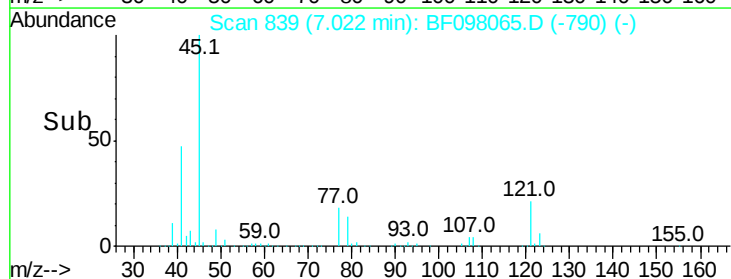
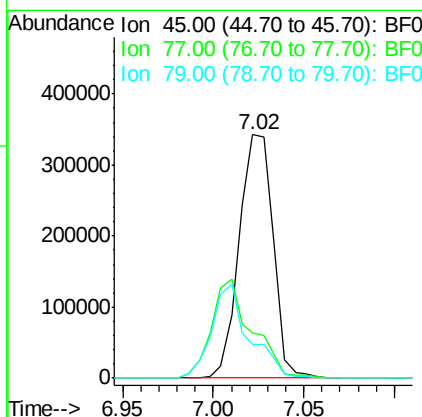
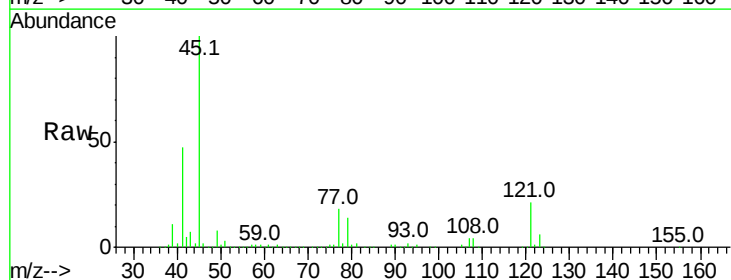
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

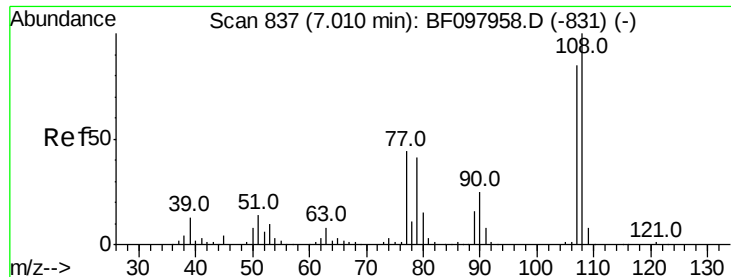
Tot Ion: 79 Resp: 311020  
Ion Ratio Lower Upper  
79 100  
108 76.3 63.4 95.0  
77 64.3 49.2 73.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.742 ng  
RT: 7.02 min Scan# 839  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion: 45 Resp: 444614  
Ion Ratio Lower Upper  
45 100  
77 18.4 0.0 33.2  
79 14.1 0.0 30.0





#17

2-Methylphenol

Concen: 44.260 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

Tot Ion:107 Resp: 278165

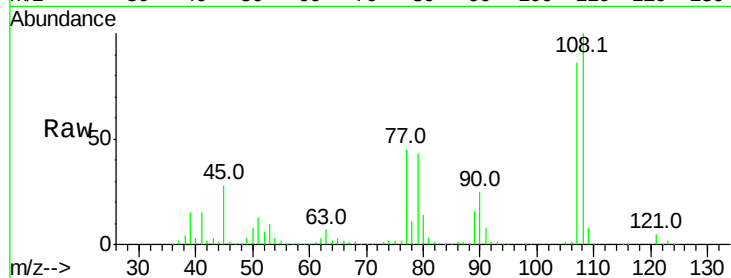
Ion Ratio Lower Upper

107 100

108 116.2 93.4 140.0

77 51.9 35.8 53.6

79 49.6 34.8 52.2

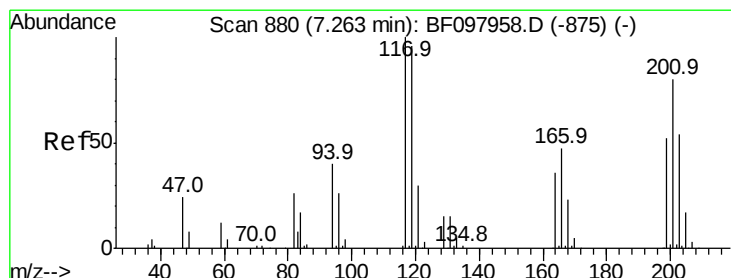
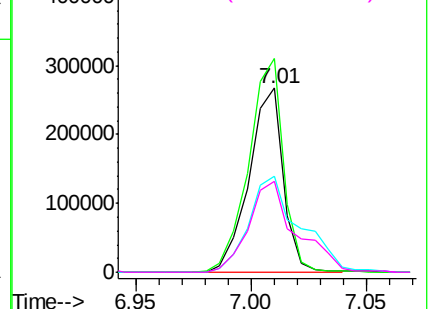
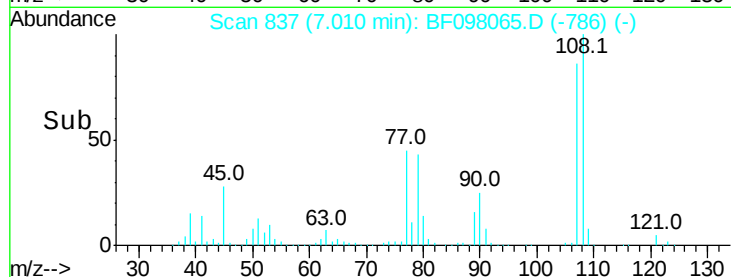


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.514 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

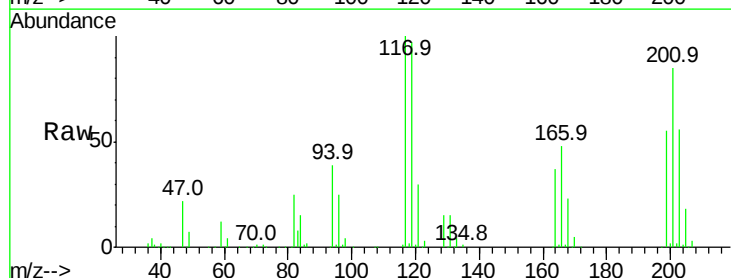
Tgt Ion:117 Resp: 126986

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

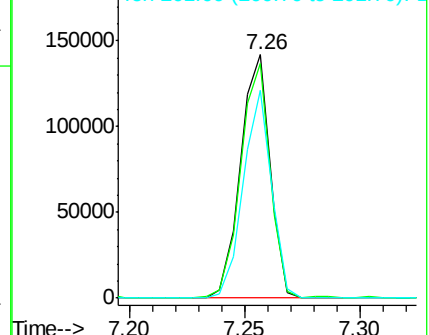
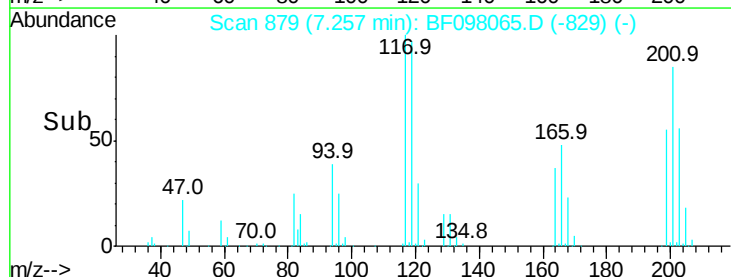
201 85.4 94.6 141.8#

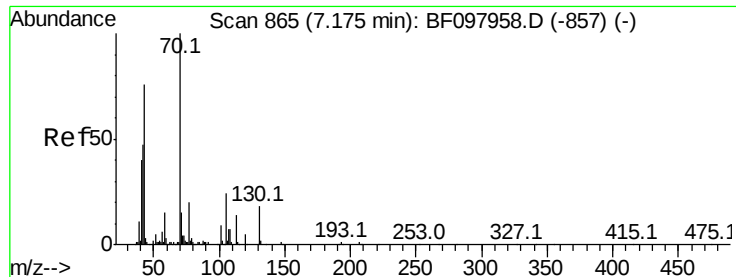


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.497 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

Tot Ion: 70 Resp: 248430

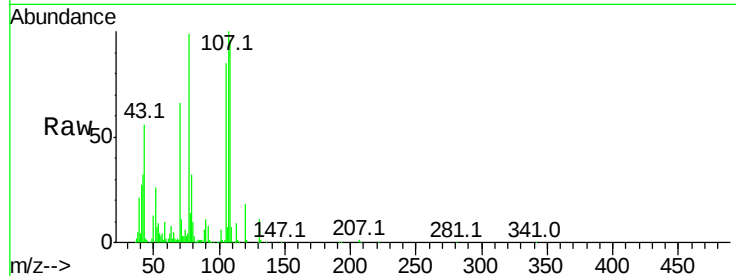
Ion Ratio Lower Upper

70 100

42 49.2 47.2 70.8

101 8.7 7.2 10.8

130 17.2 15.9 23.9

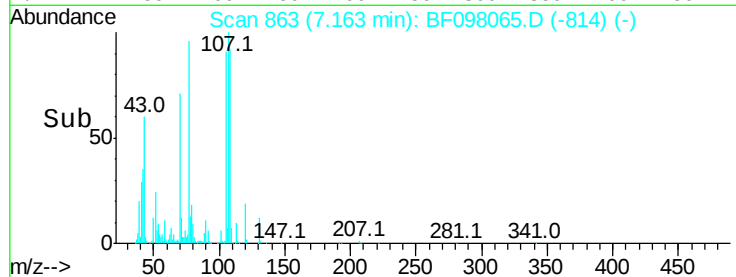
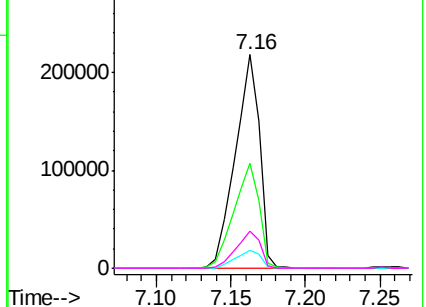


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 44.487 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Tgt Ion:107 Resp: 341491

Ion Ratio Lower Upper

107 100

108 95.6 71.0 111.0

77 98.7 90.5 130.5

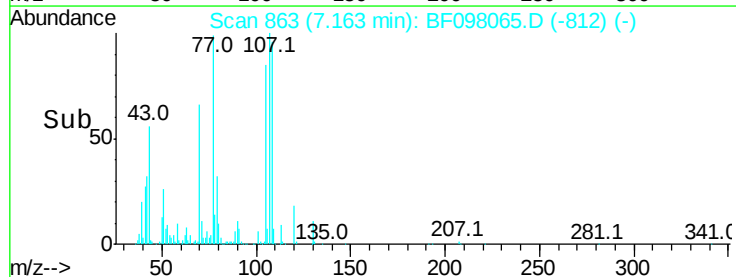
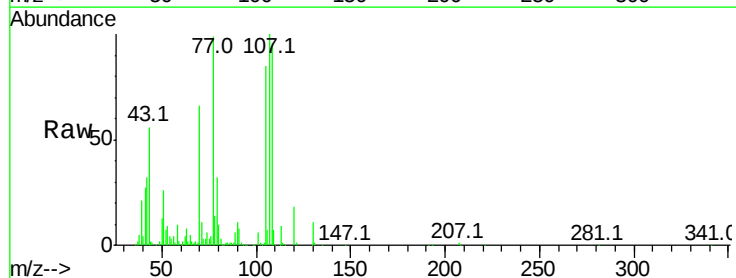
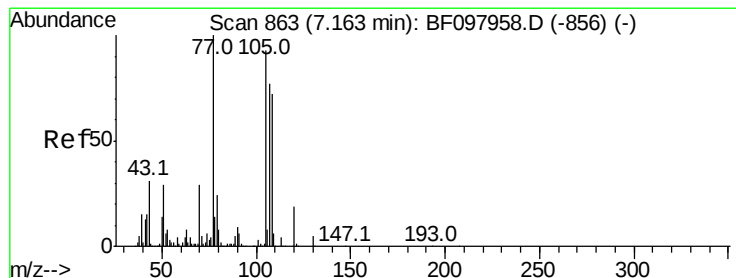
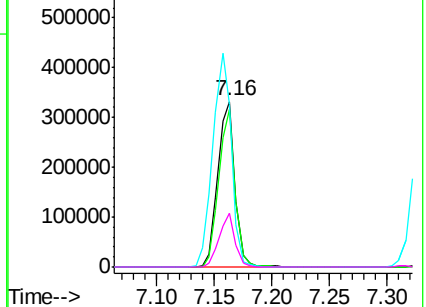
79 32.5 8.4 48.4

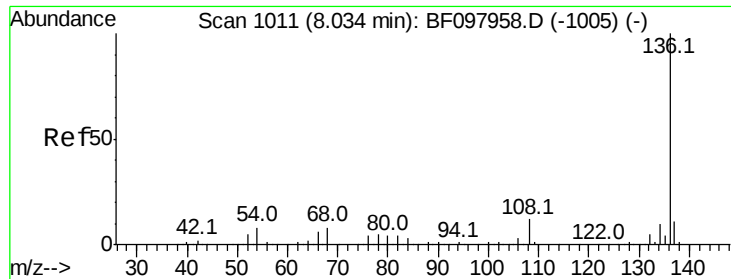
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

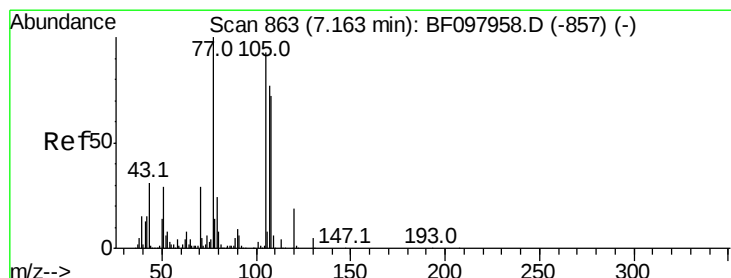
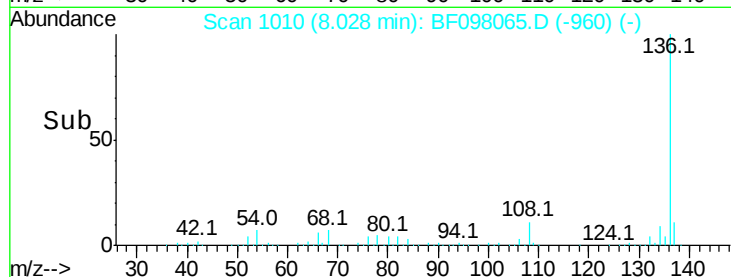
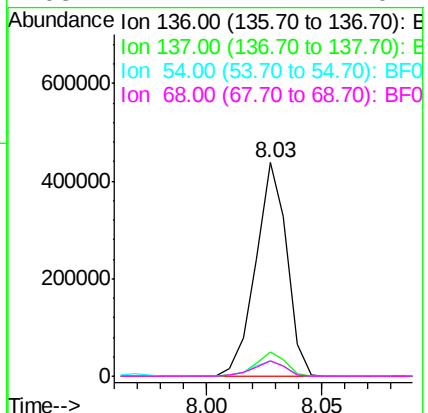
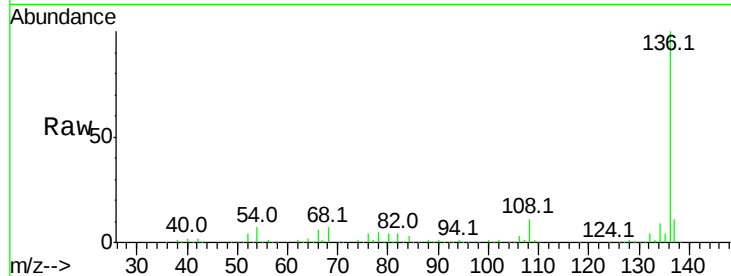




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.03 min Scan# 1010  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

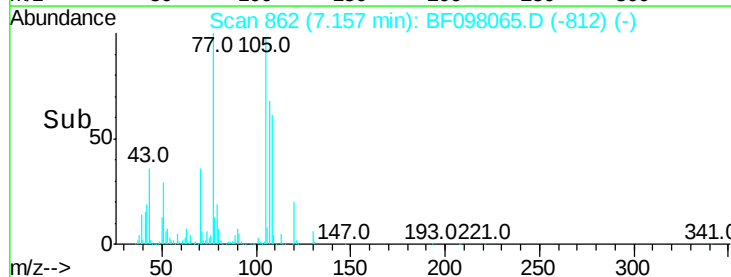
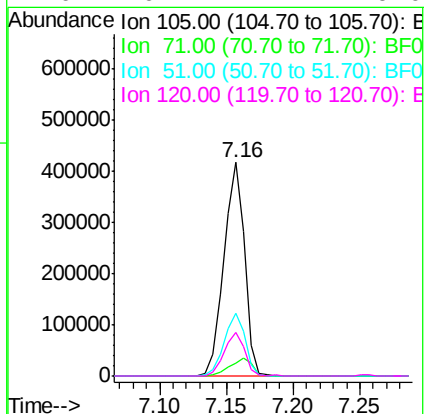
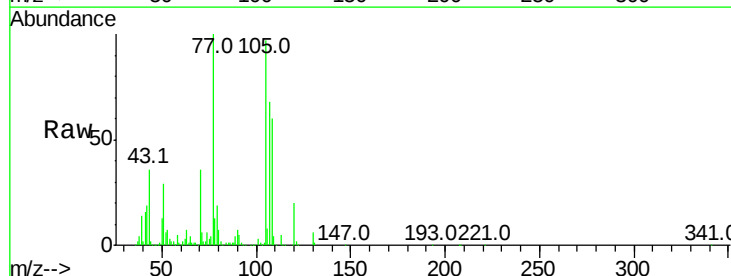
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

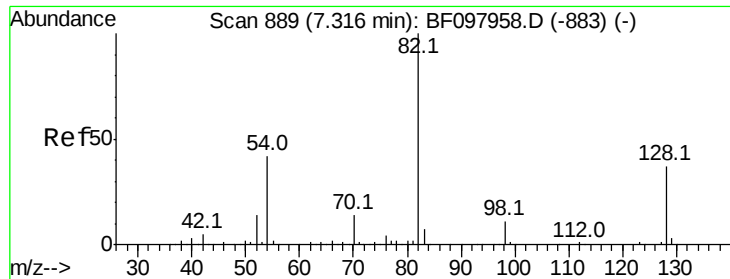
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 413311   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 8.5 12.7 |
| 54          | 7.5   | 4.9 7.3# |
| 68          | 7.1   | 4.1 6.1# |



#22  
Acetophenone  
Concen: 41.873 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 457201     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 6.2   | 2.8 4.2#   |
| 51          | 29.5  | 30.7 46.1# |
| 120         | 20.4  | 17.4 26.0  |

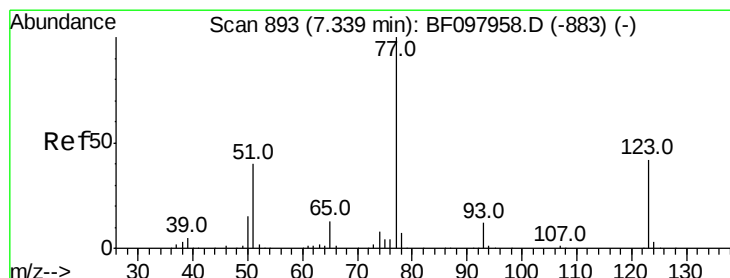
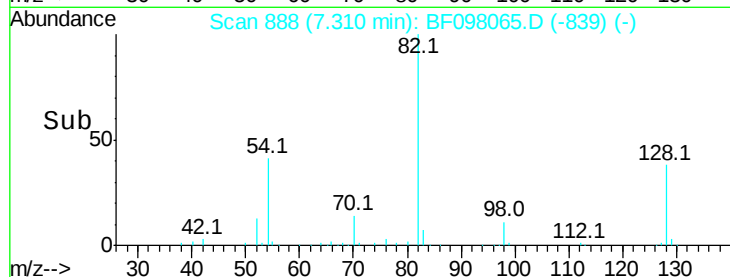
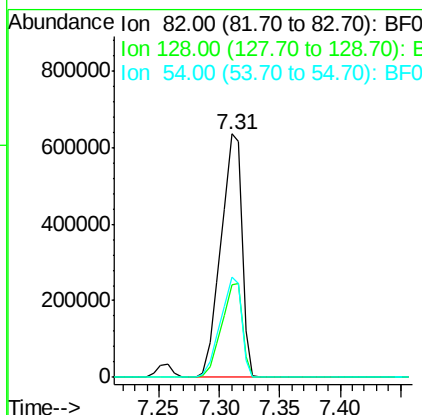
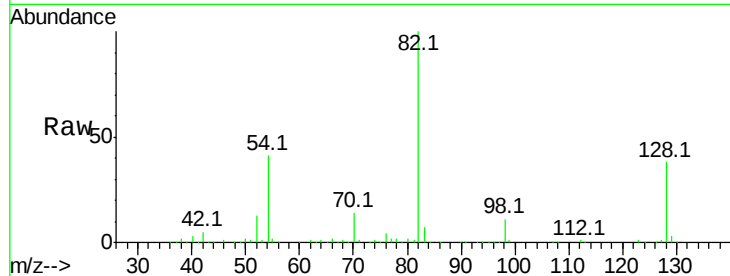




#23  
 Nitrobenzene-d5  
 Concen: 101.020 ng  
 RT: 7.31 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

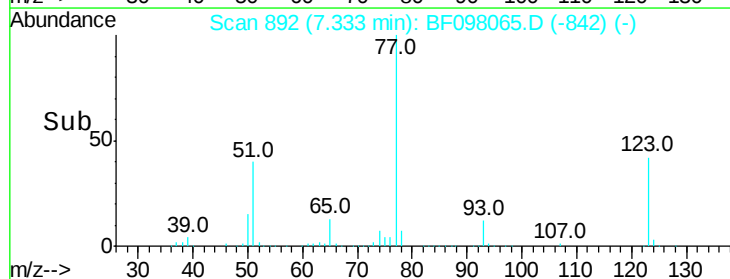
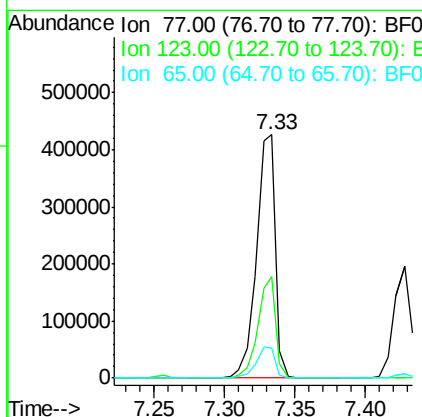
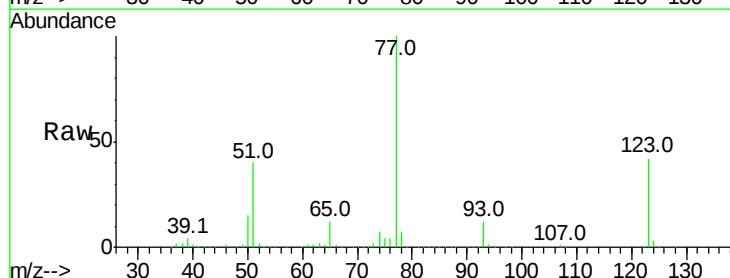
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

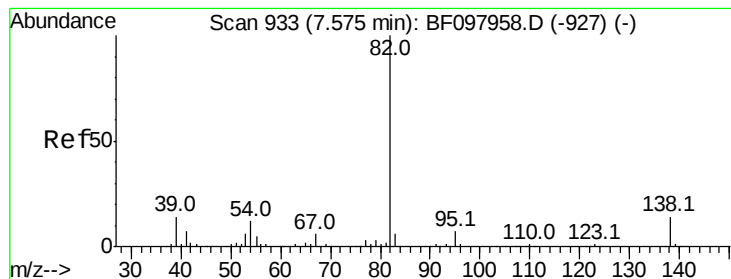
Tot Ion: 82 Resp: 768580  
 Ion Ratio Lower Upper  
 82 100  
 128 38.0 34.0 51.0  
 54 41.3 42.2 63.2#



#24  
 Nitrobenzene  
 Concen: 47.523 ng  
 RT: 7.33 min Scan# 892  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion: 77 Resp: 402574  
 Ion Ratio Lower Upper  
 77 100  
 123 41.5 35.8 53.8  
 65 12.4 10.6 15.8





#25

Isophorone

Concen: 43.595 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

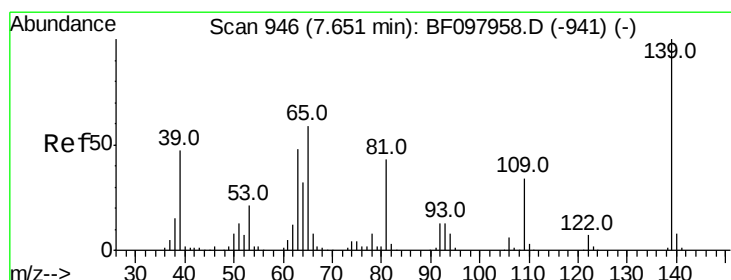
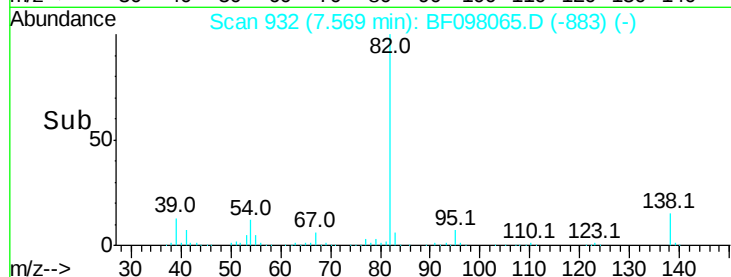
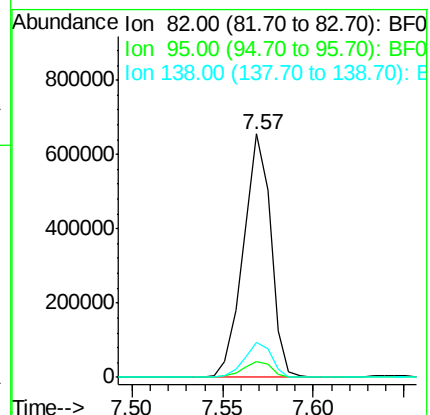
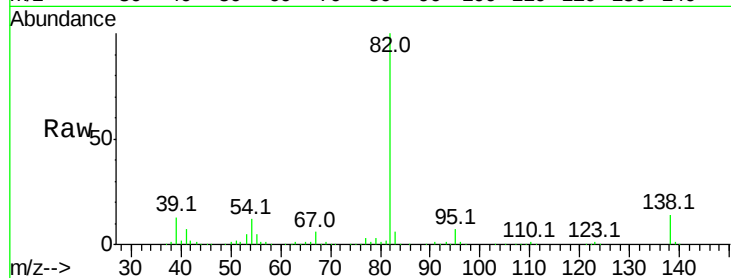
Tot Ion: 82 Resp: 689686

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.5 13.1 19.7



#26

2-Nitrophenol

Concen: 51.143 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

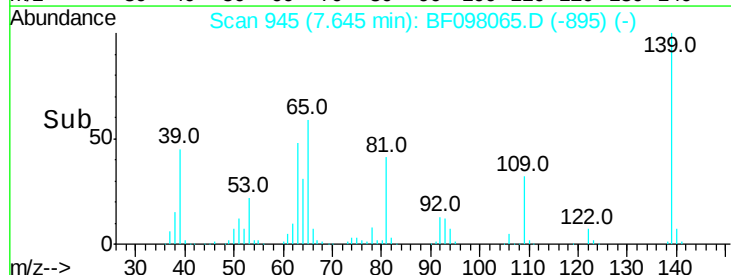
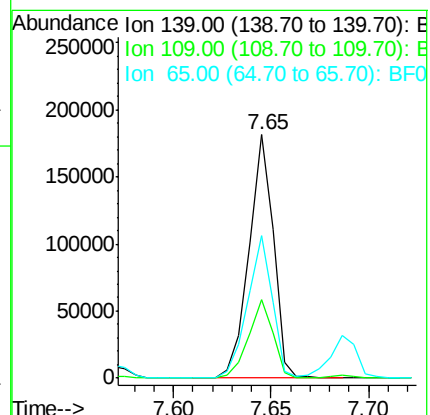
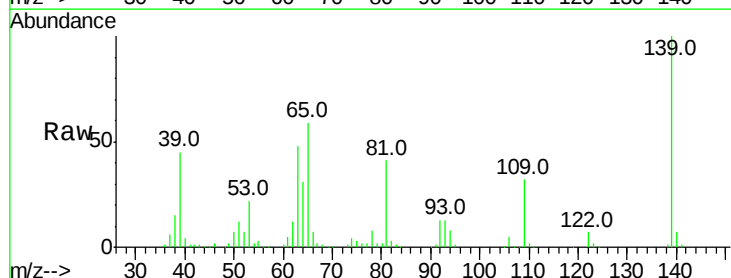
Tgt Ion:139 Resp: 158147

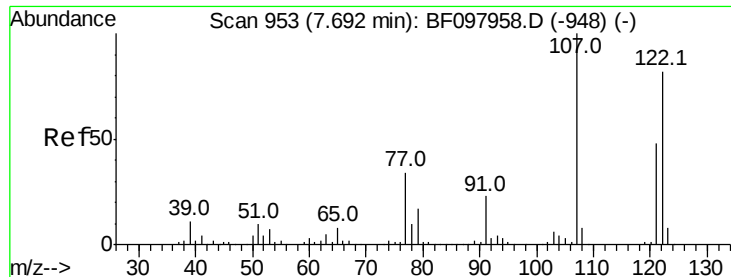
Ion Ratio Lower Upper

139 100

109 32.3 21.0 31.6#

65 58.6 33.0 49.6#

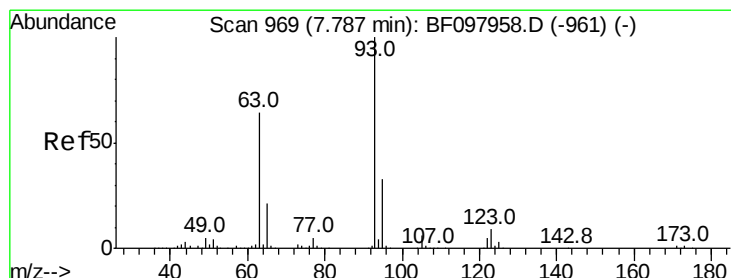
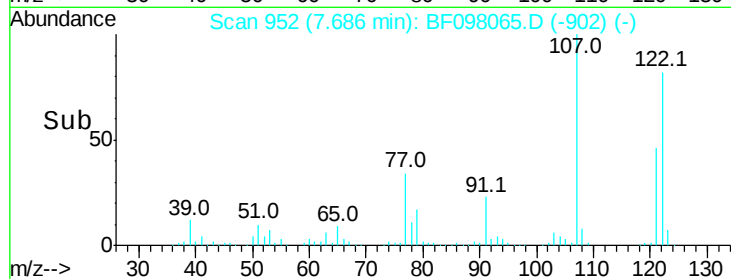
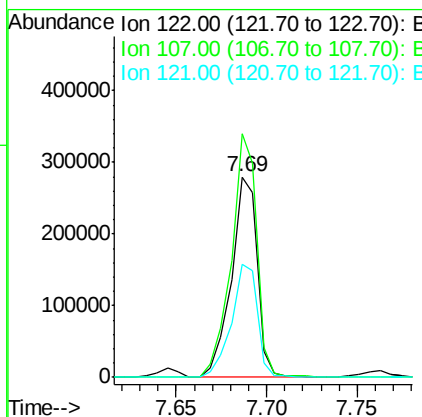
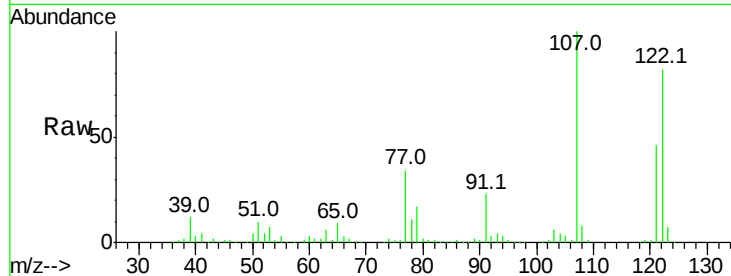




#27  
 2,4-Dimethylphenol  
 Concen: 42.372 ng  
 RT: 7.69 min Scan# 952  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

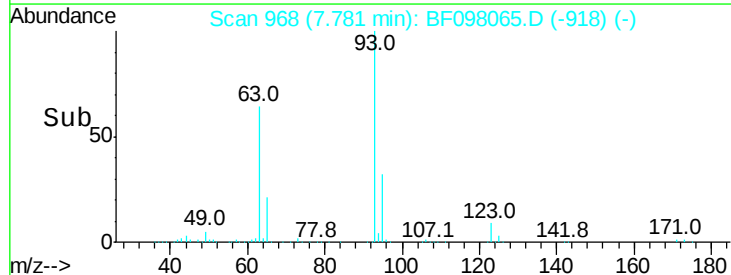
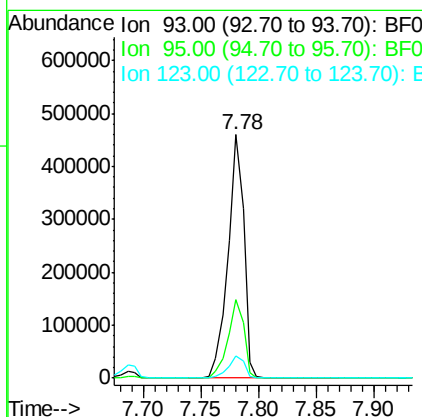
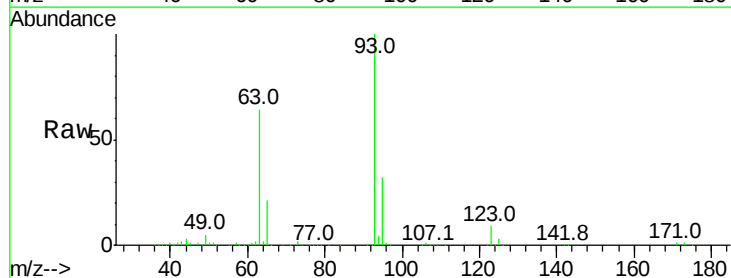
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

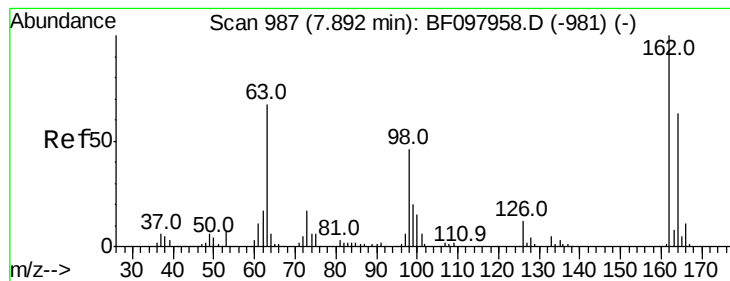
Tot Ion:122 Resp: 279566  
 Ion Ratio Lower Upper  
 122 100  
 107 121.5 89.2 133.8  
 121 56.3 45.2 67.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.989 ng  
 RT: 7.78 min Scan# 968  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion: 93 Resp: 436716  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 26.5 39.7  
 123 9.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.537 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

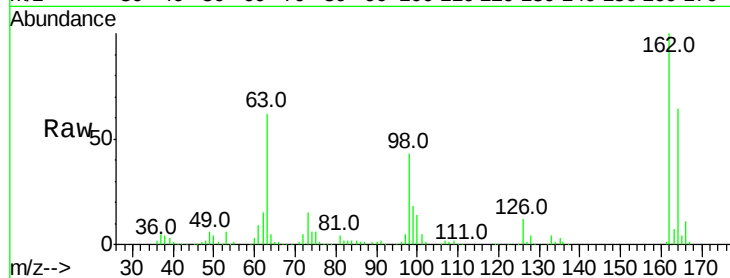
Tot Ion:162 Resp: 243923

Ion Ratio Lower Upper

162 100

164 63.8 44.6 84.6

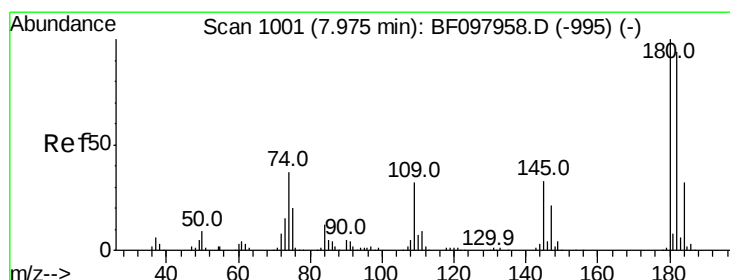
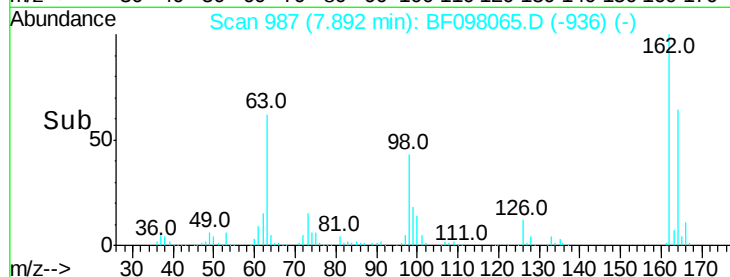
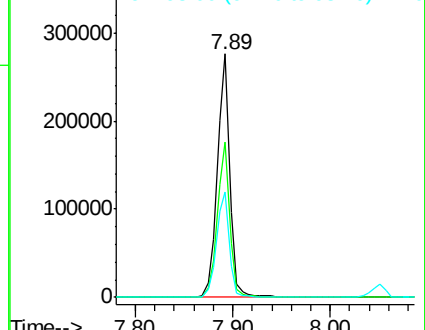
98 43.1 14.8 54.8



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: 40.842 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

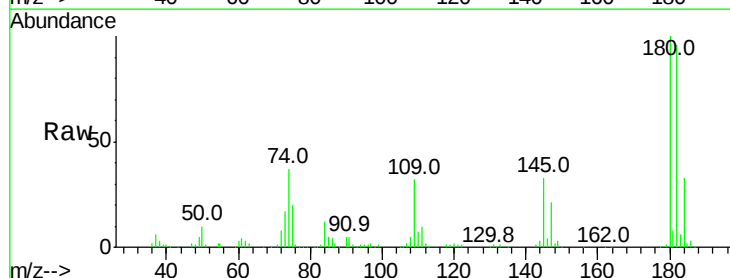
Tgt Ion:180 Resp: 247971

Ion Ratio Lower Upper

180 100

182 96.5 75.8 113.6

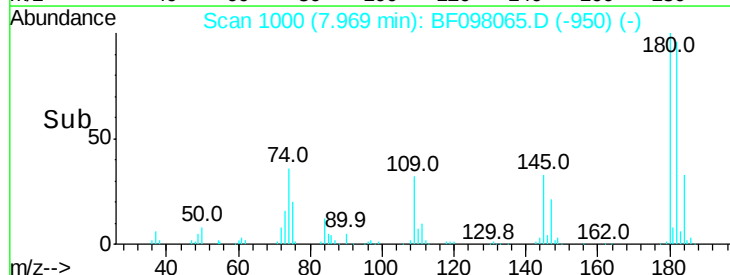
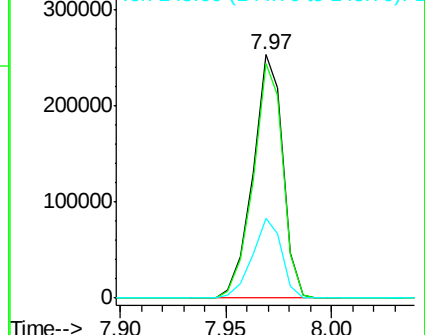
145 33.0 25.3 37.9

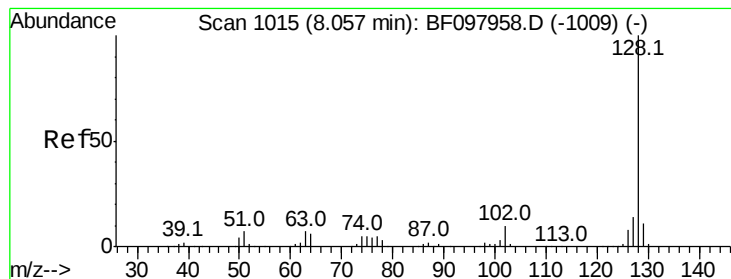


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.164 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

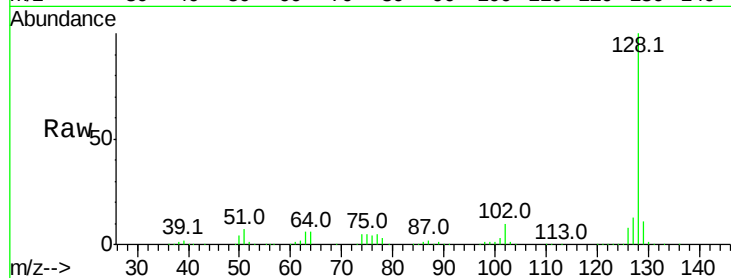
Tot Ion:128 Resp: 904722

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

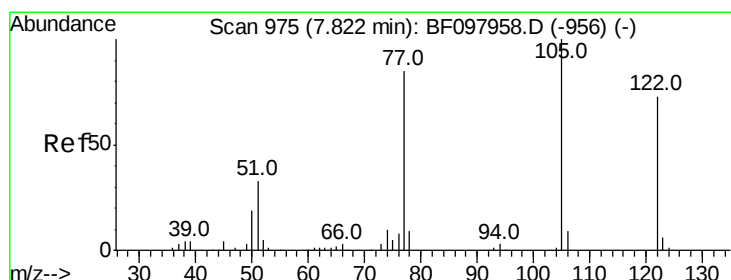
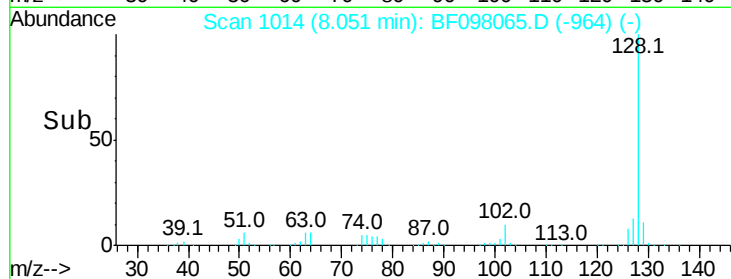
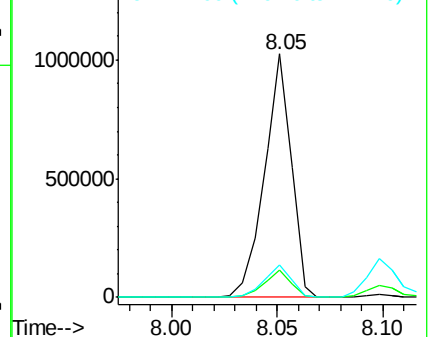
127 13.2 10.8 16.2



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: 8.146 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.07 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

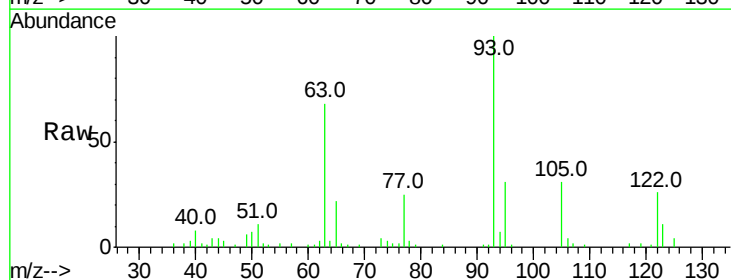
Tgt Ion:122 Resp: 9662

Ion Ratio Lower Upper

122 100

105 119.2 103.3 143.3

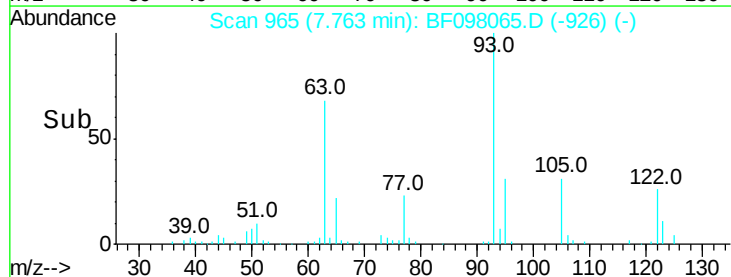
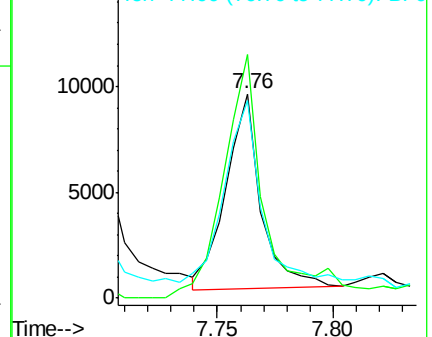
77 96.7 73.7 113.7

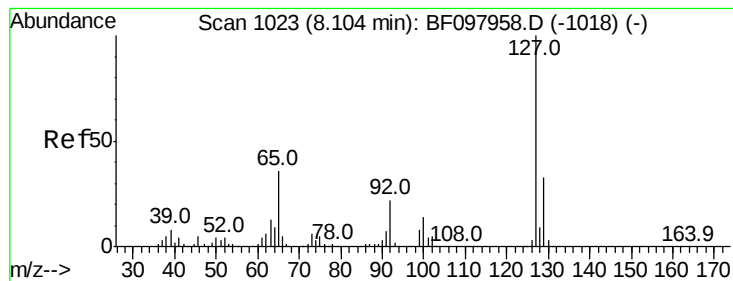


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.603 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

Tot Ion:127 Resp: 177389

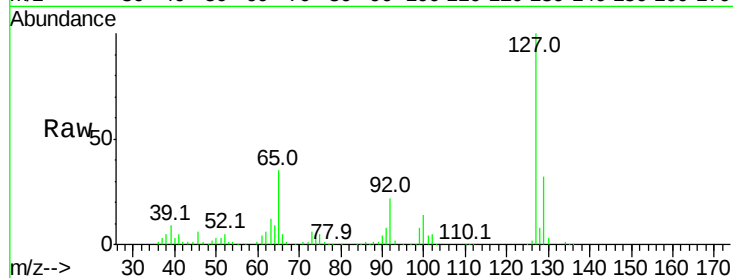
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 34.9 27.8 41.8

92 21.6 16.8 25.2

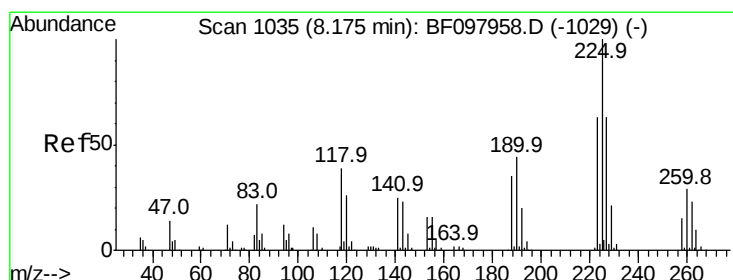
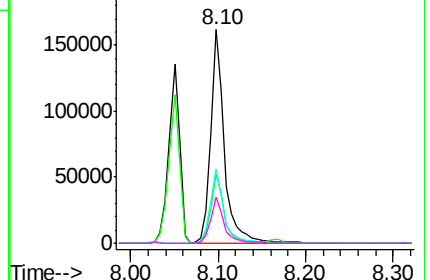
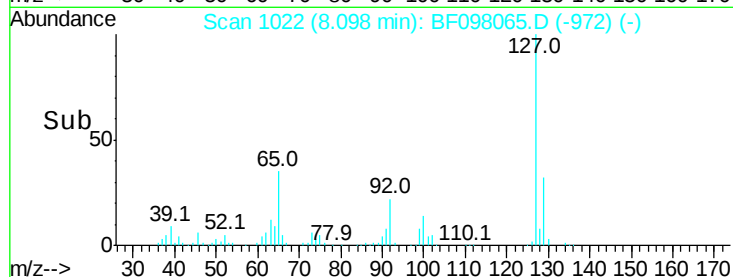


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.796 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

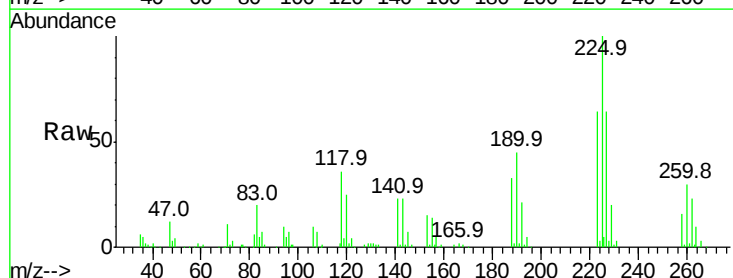
Tgt Ion:225 Resp: 141074

Ion Ratio Lower Upper

225 100

223 63.6 48.8 73.2

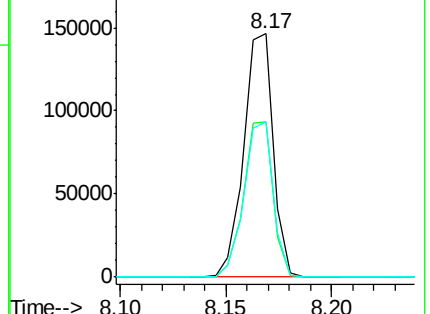
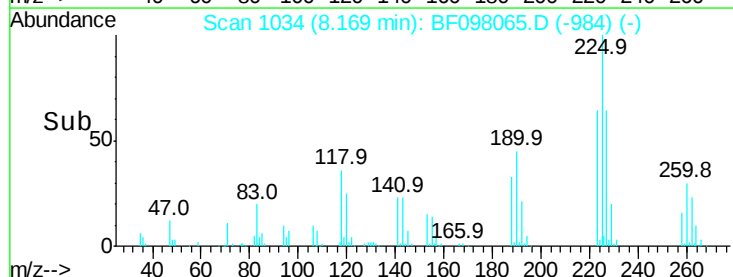
227 63.9 51.1 76.7

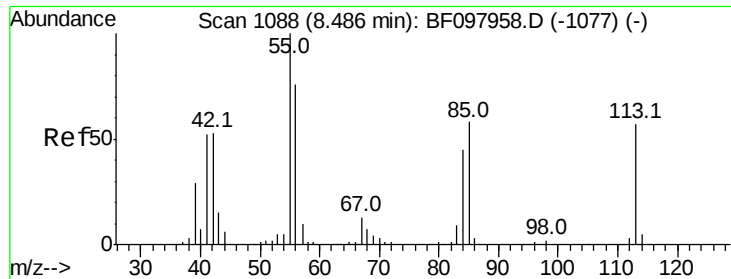


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

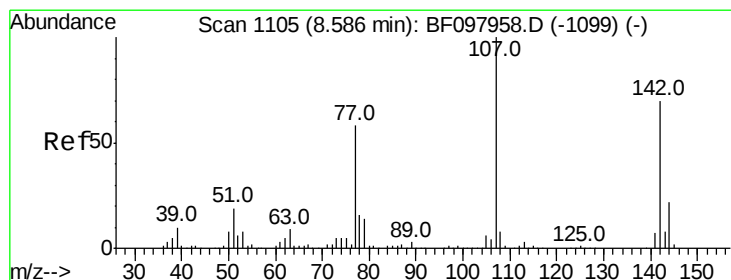
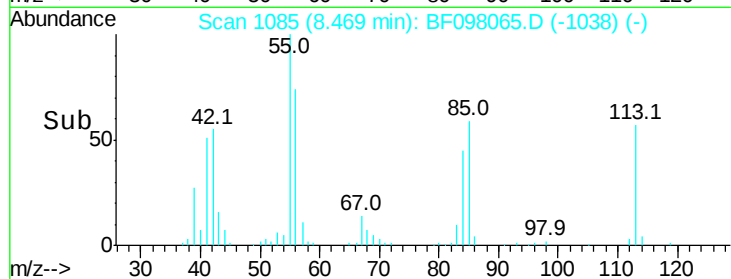
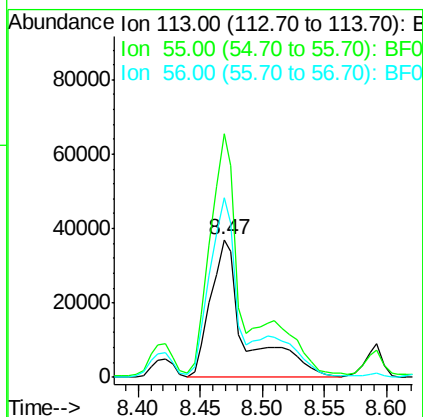
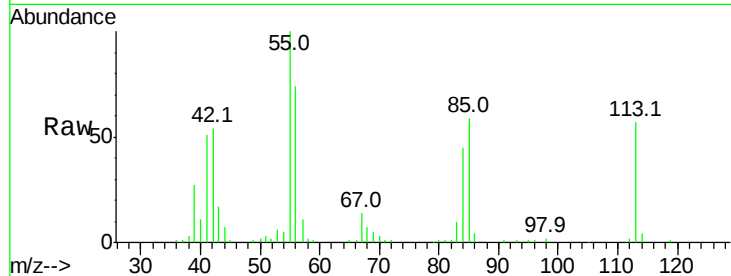




#35  
 Caprolactam  
 Concen: 39.434 ng/ml  
 RT: 8.47 min Scan# 1085  
 Delta R.T. -0.02 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

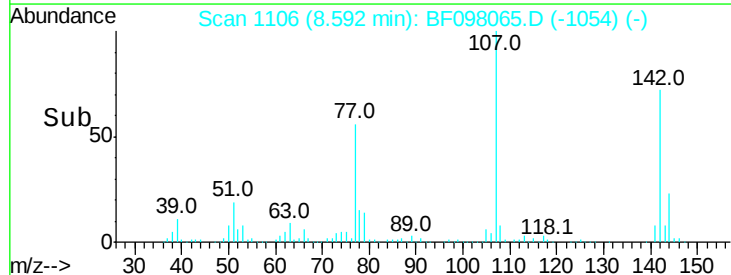
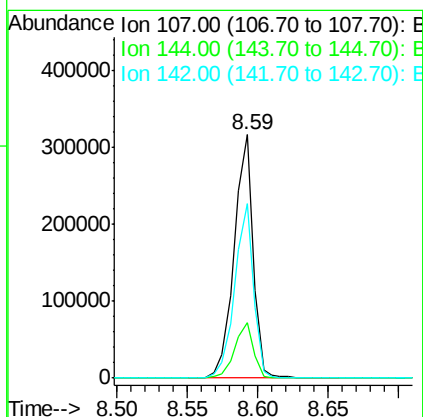
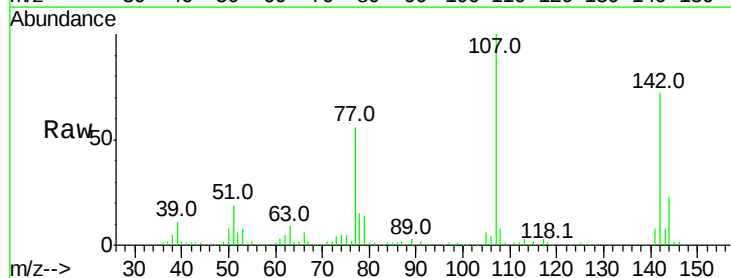
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

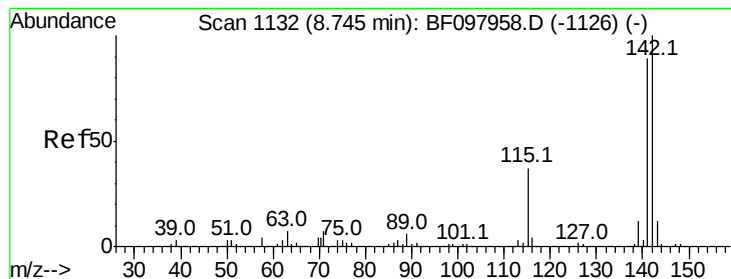
Tot Ion:113 Resp: 73423  
 Ion Ratio Lower Upper  
 113 100  
 55 176.8 150.2 190.2  
 56 130.0 107.8 147.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.120 ng/ml  
 RT: 8.59 min Scan# 1106  
 Delta R.T. 0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:107 Resp: 296391  
 Ion Ratio Lower Upper  
 107 100  
 144 23.0 24.2 36.4#  
 142 71.6 73.4 110.0#

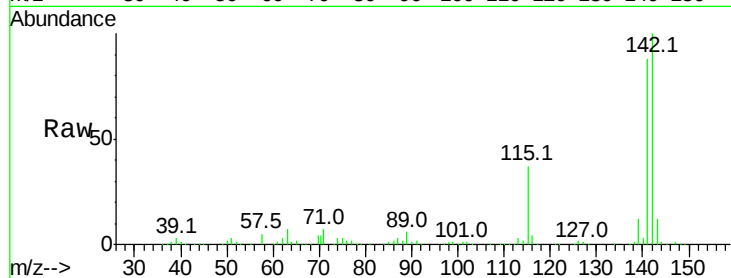




#37  
 2-Methylnaphthalene  
 Concen: 44.112 ng  
 RT: 8.74 min Scan# 1131  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 71.3  | 106.9 |
| 115     | 37.0  | 27.1  | 40.7  |

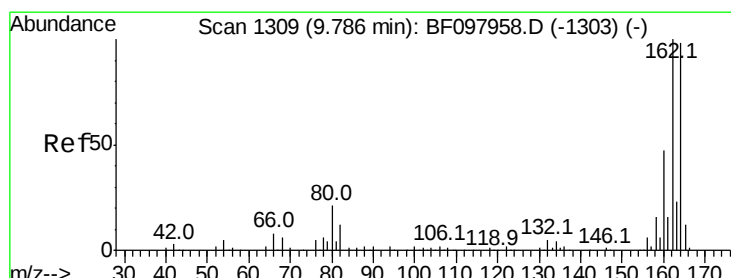
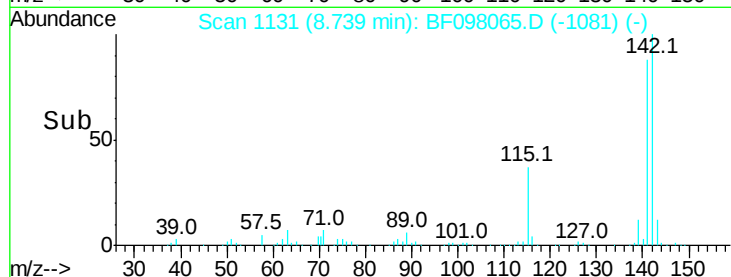
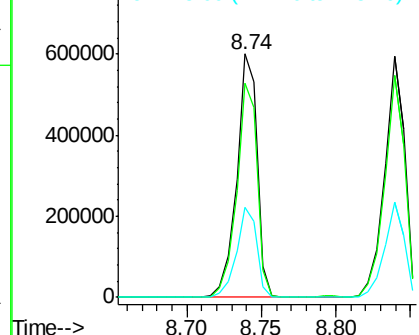


Abundance

Ion 142.00 (141.70 to 142.70): E

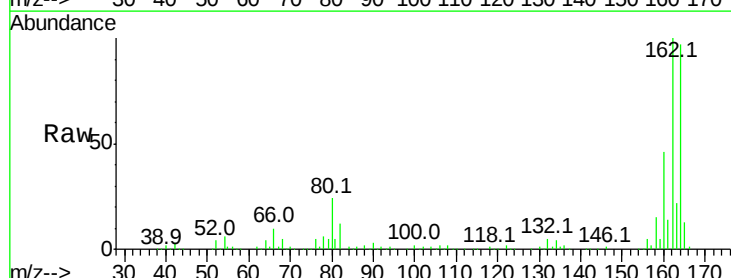
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.78 min Scan# 1308  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 82.6  | 123.8 |
| 160     | 47.1  | 36.2  | 54.2  |

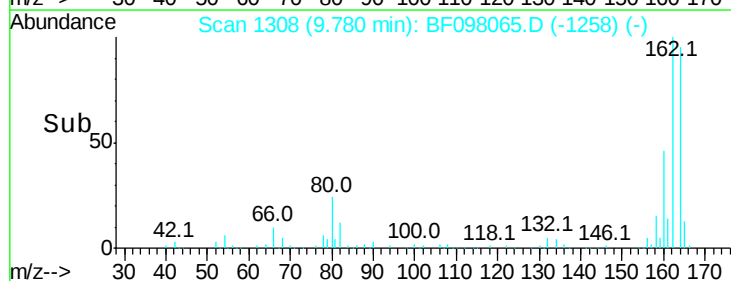
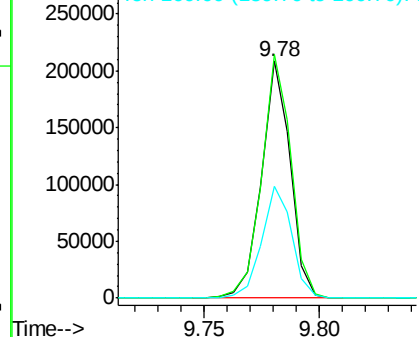


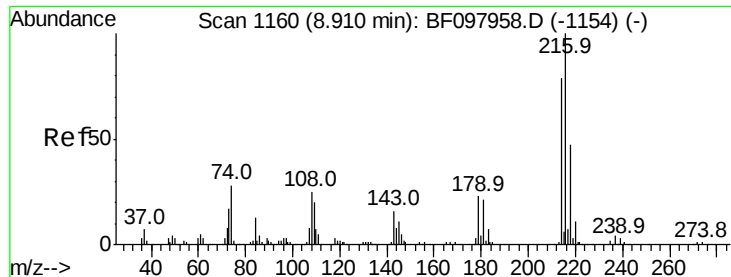
Abundance

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

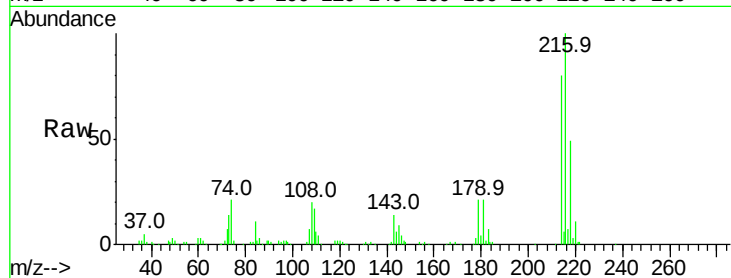




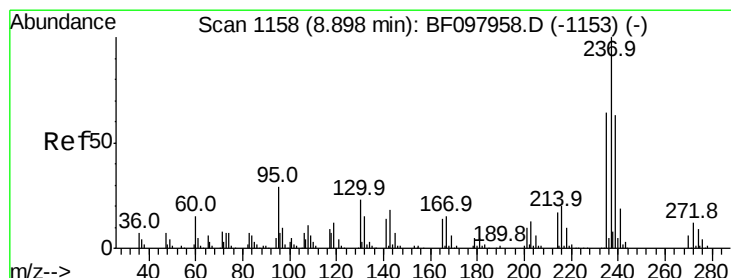
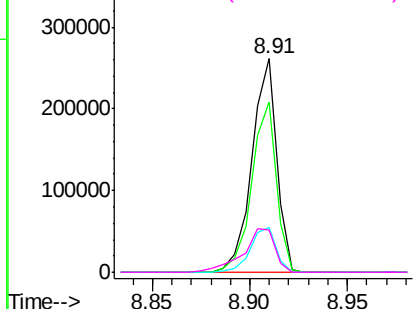
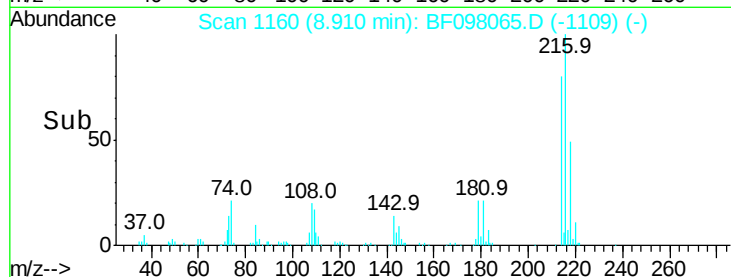
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.426 ng  
 RT: 8.91 min Scan# 1160  
 Delta R.T. -0.00 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 230519 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.5  | 63.4  | 95.2   |
| 179      | 21.7  | 17.9  | 26.9   |
| 108      | 26.1  | 16.5  | 24.7#  |

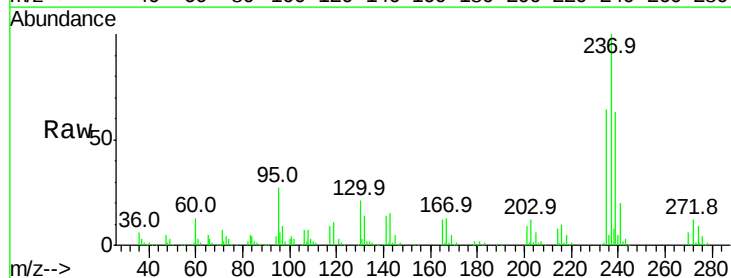


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

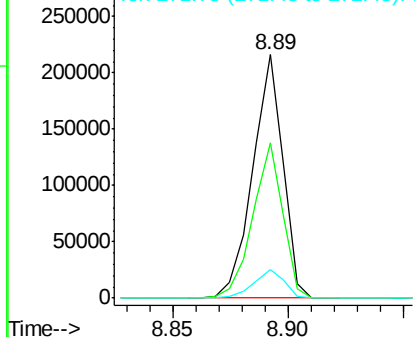
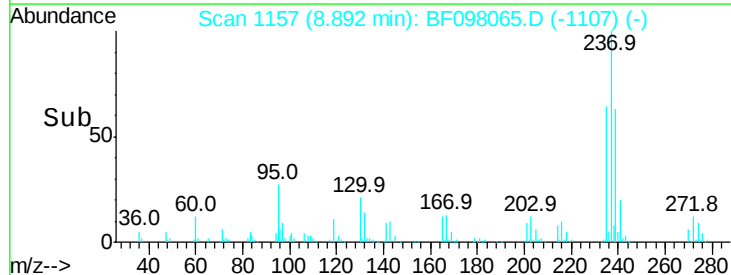


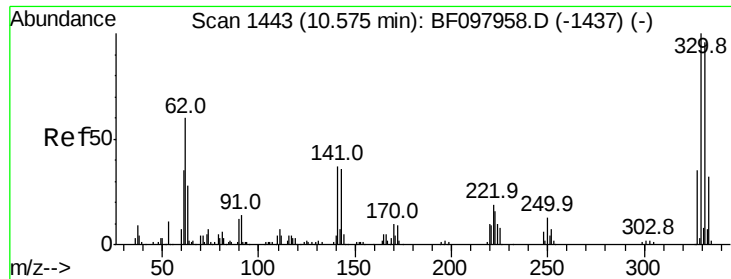
#40  
 Hexachlorocyclopentadiene  
 Concen: 73.754 ng  
 RT: 8.89 min Scan# 1157  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 197165 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.6  | 42.6  | 82.6   |
| 272      | 11.7  | 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

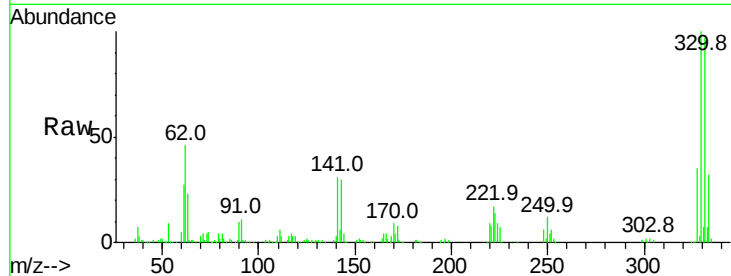




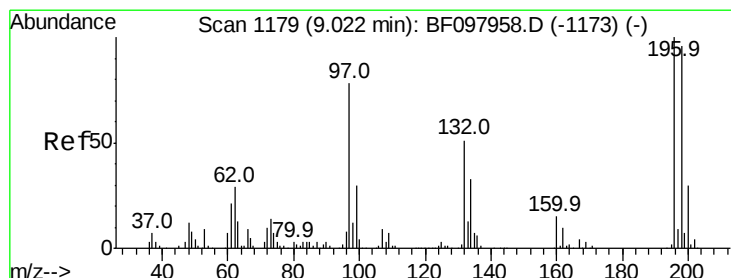
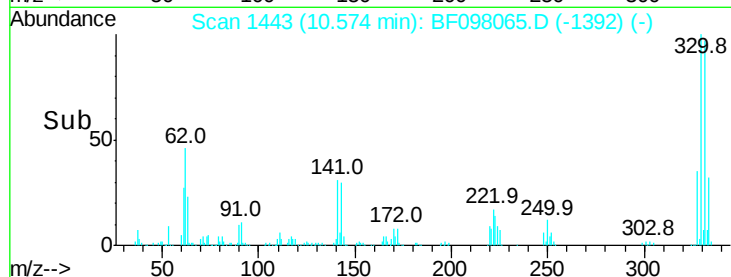
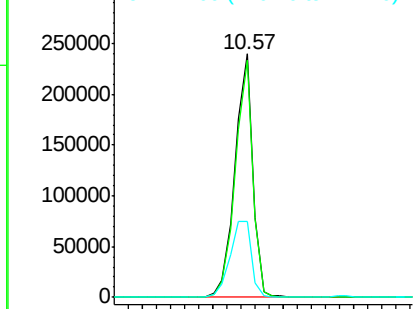
#41  
 2,4,6-Tribromophenol  
 Concen: 134.380 ng  
 RT: 10.57 min Scan# 1443  
 Delta R.T. -0.00 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tot Ion:330 Resp: 211409  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 76.6 115.0  
 141 37.8 31.4 47.2

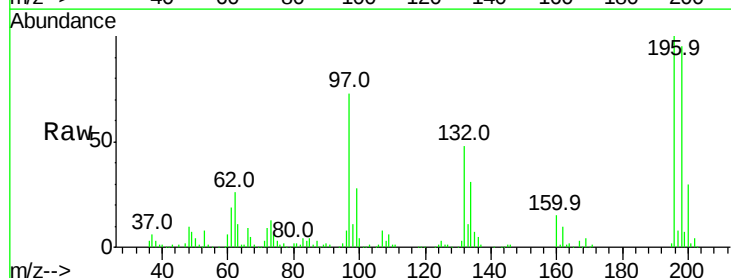


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

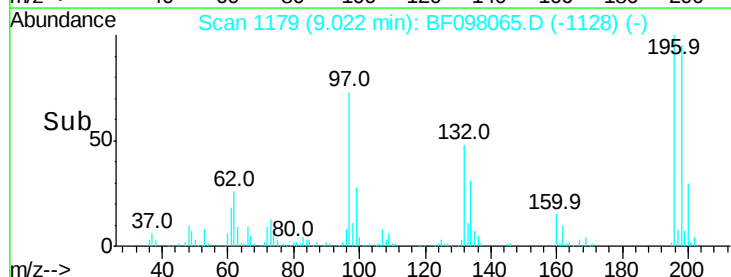
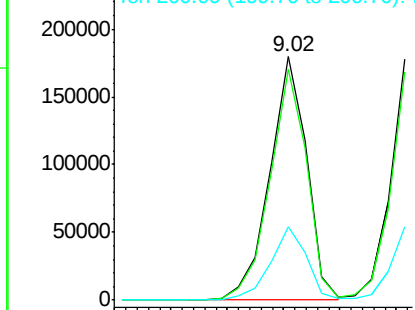


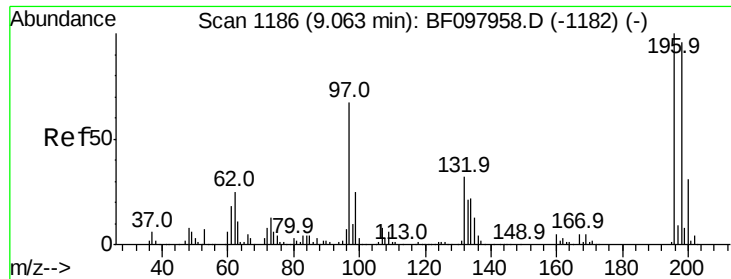
#42  
 2,4,6-Trichlorophenol  
 Concen: 43.499 ng  
 RT: 9.02 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:196 Resp: 162507  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 74.2 111.4  
 200 30.3 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

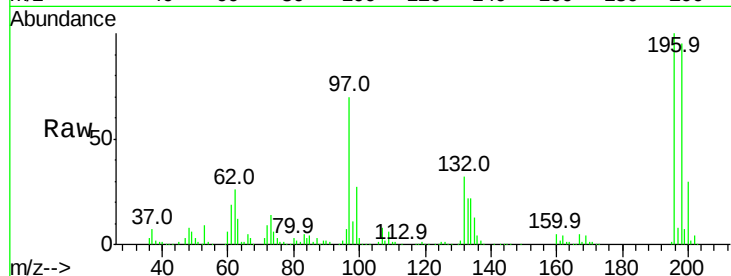




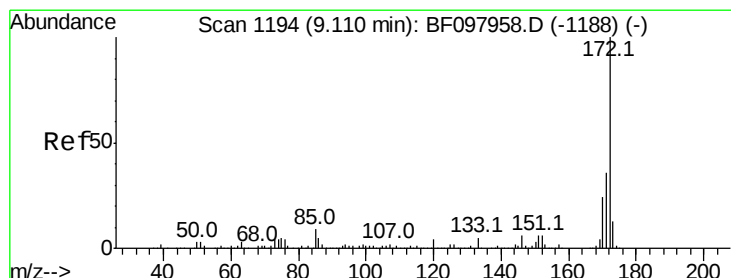
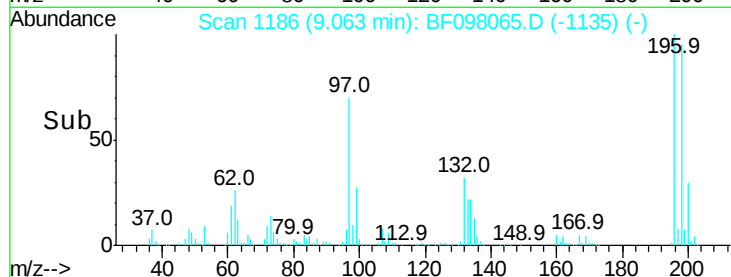
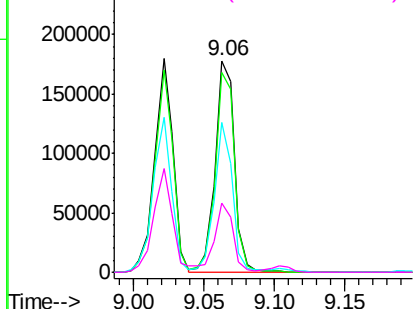
#43  
 2,4,5-Trichlorophenol  
 Concen: 45.509 ng  
 RT: 9.06 min Scan# 1186  
 Delta R.T. -0.00 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tot Ion:196 Resp: 168671  
 Ion Ratio Lower Upper  
 196 100  
 198 94.6 75.7 113.5  
 97 70.5 47.7 71.5  
 132 32.5 28.0 42.0

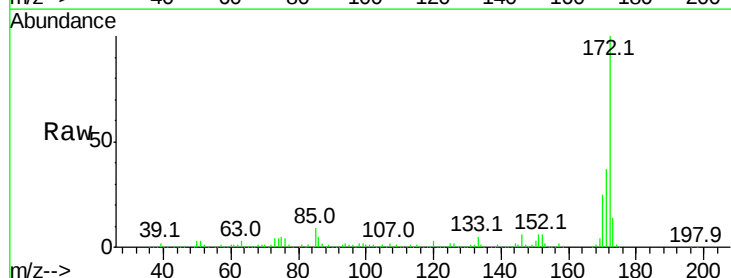


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

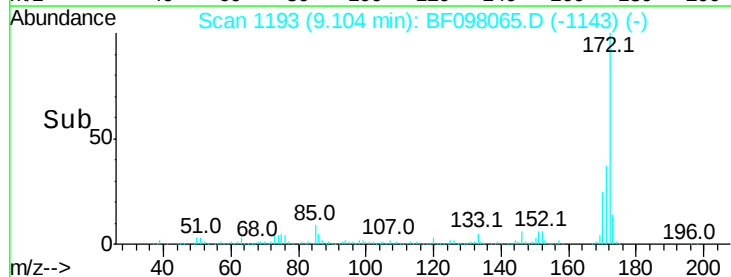
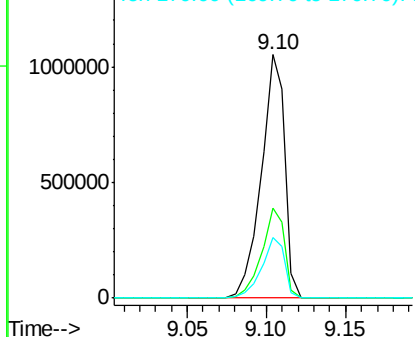


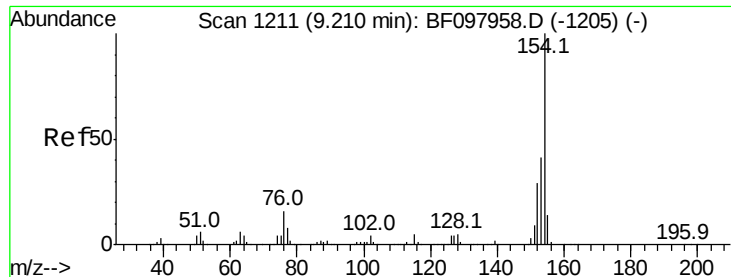
#44  
 2-Fluorobiphenyl  
 Concen: 88.510 ng  
 RT: 9.10 min Scan# 1193  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:172 Resp: 1092320  
 Ion Ratio Lower Upper  
 172 100  
 171 36.8 29.6 44.4  
 170 24.8 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: 40.267 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

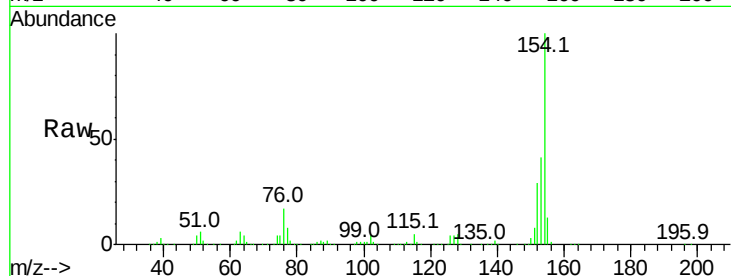
Tot Ion:154 Resp: 665796

Ion Ratio Lower Upper

154 100

153 40.5 21.2 61.2

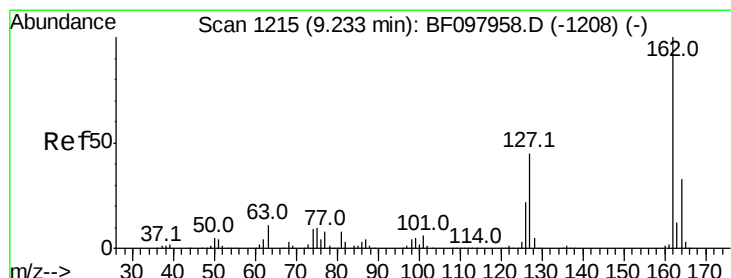
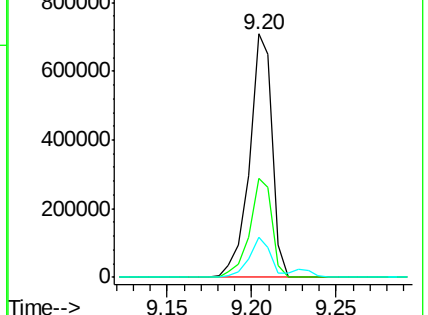
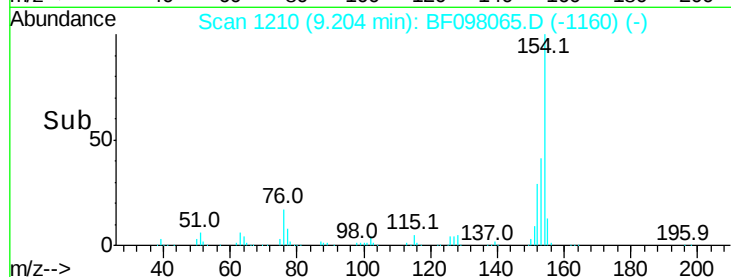
76 16.7 0.0 29.9



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: 40.922 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

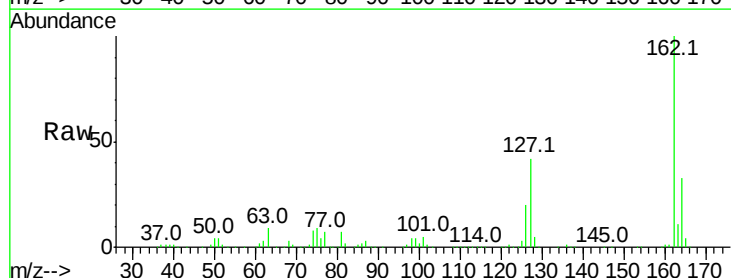
Tgt Ion:162 Resp: 499944

Ion Ratio Lower Upper

162 100

127 41.7 28.3 42.5

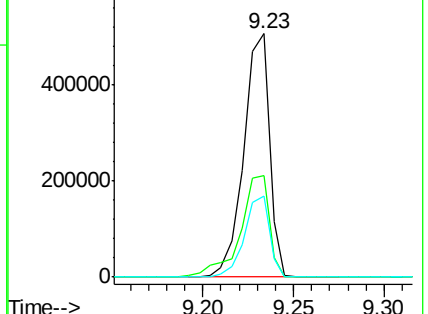
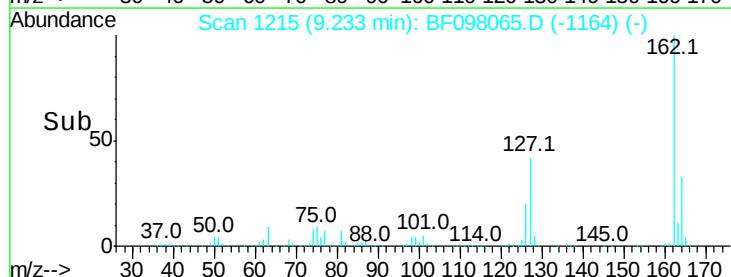
164 33.2 27.0 40.4

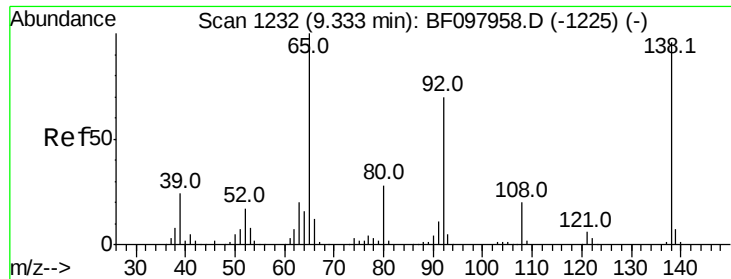


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

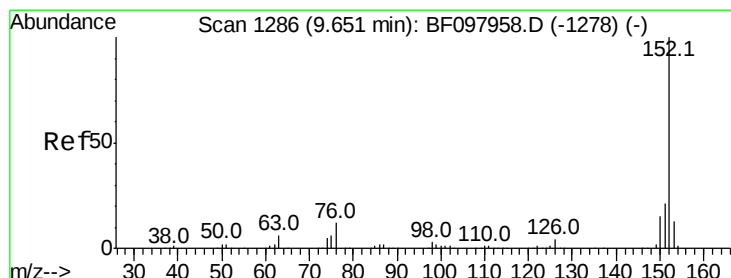
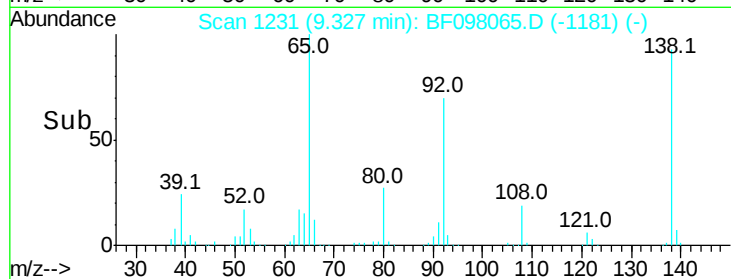
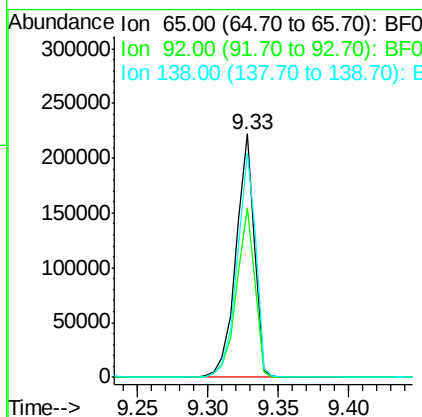
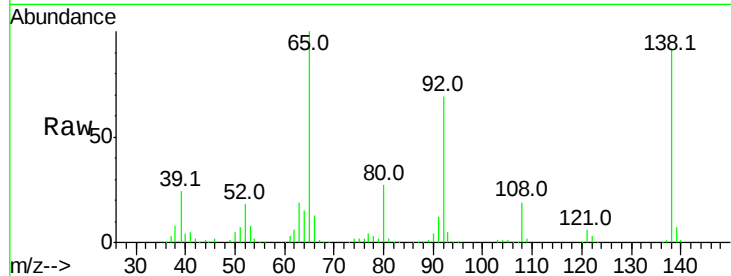




#47  
2-Nitroaniline  
Concen: 49.100 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

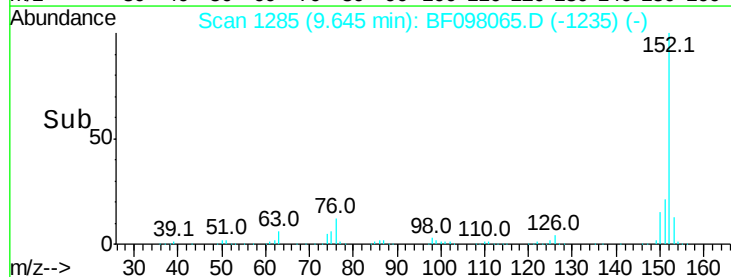
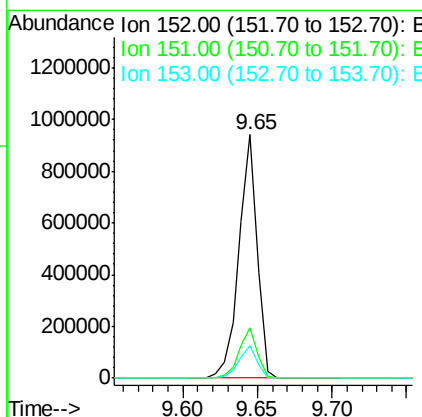
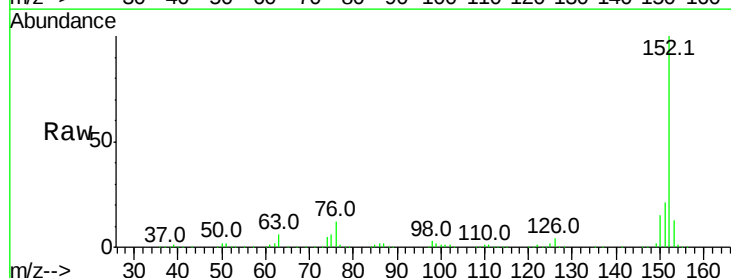
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

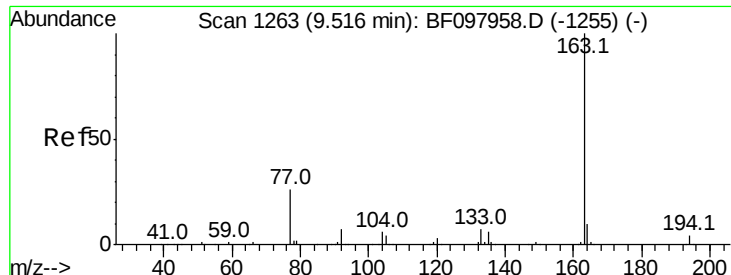
Tot Ion: 65 Resp: 201093  
Ion Ratio Lower Upper  
65 100  
92 69.5 53.9 80.9  
138 92.2 78.8 118.2



#48  
Acenaphthylene  
Concen: 42.030 ng  
RT: 9.65 min Scan# 1285  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion: 152 Resp: 806348  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.8 25.2  
153 13.1 10.8 16.2

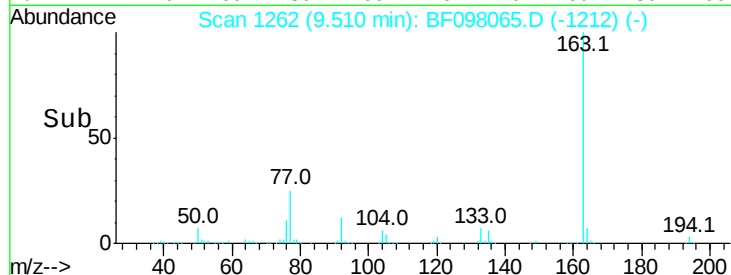
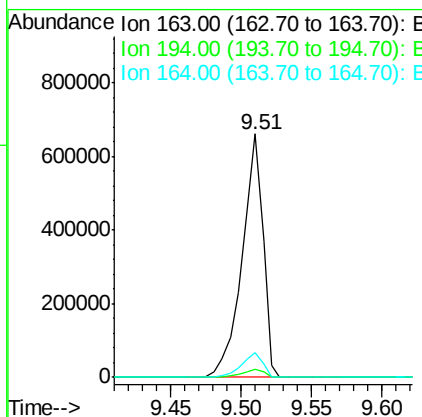
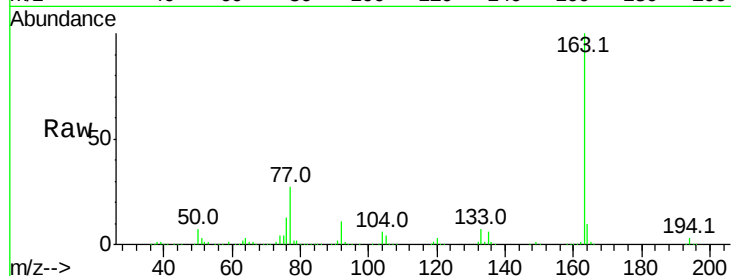




#49  
Dimethylphthalate  
Concen: 51.510 ng  
RT: 9.51 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

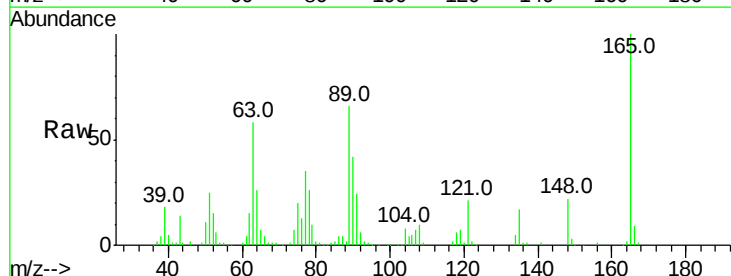
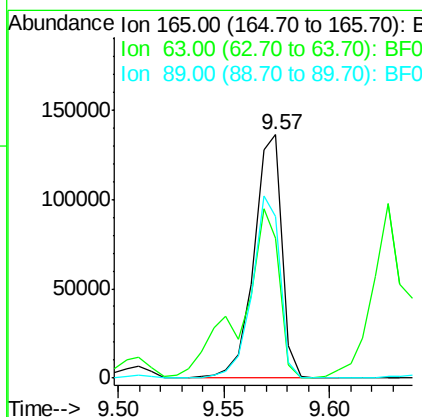
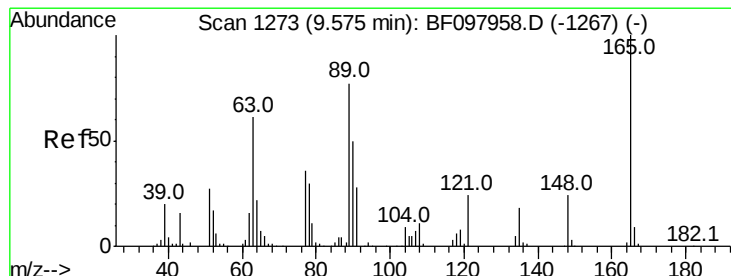
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

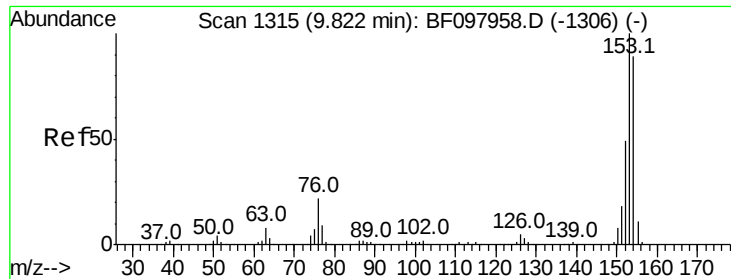
Tot Ion:163 Resp: 682699  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 4.0  
164 10.0 8.4 12.6



#50  
2,6-Dinitrotoluene  
Concen: 47.418 ng  
RT: 9.57 min Scan# 1273  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion:165 Resp: 125448  
Ion Ratio Lower Upper  
165 100  
63 57.5 34.3 51.5#  
89 66.3 37.1 55.7#





#51

Acenaphthene

Concen: 39.354 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

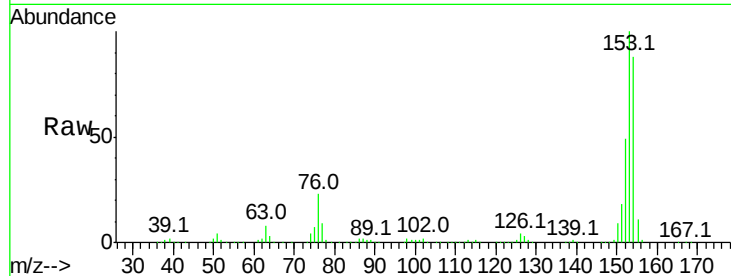
Tot Ion:154 Resp: 476168

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

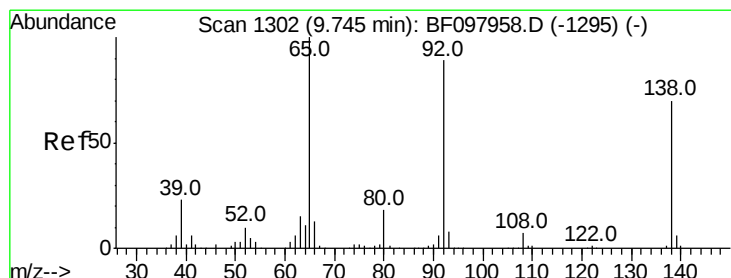
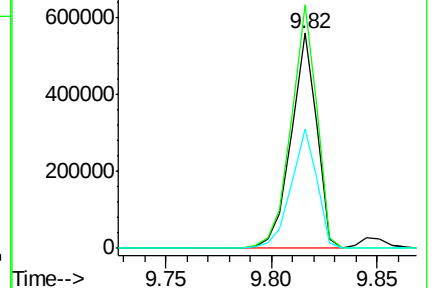
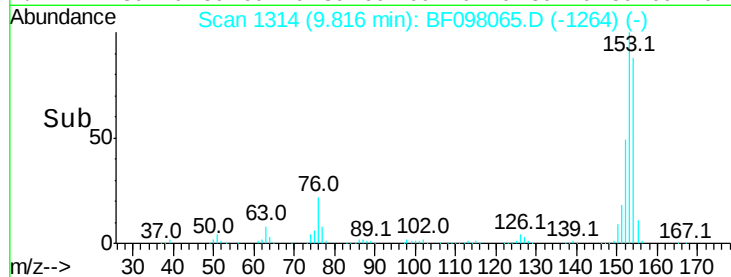
152 55.6 43.6 65.4



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: 32.837 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

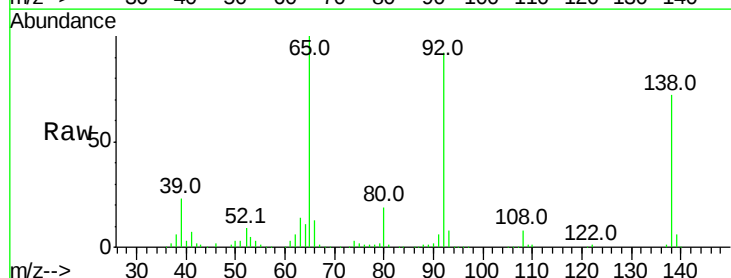
Tgt Ion:138 Resp: 112083

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

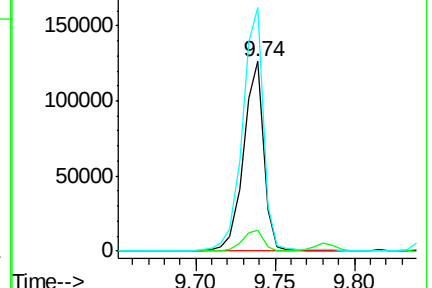
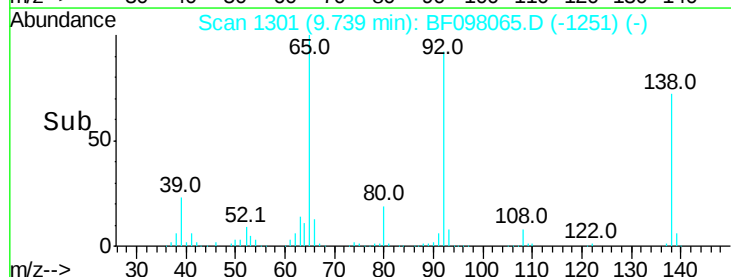
92 128.5 93.8 140.6

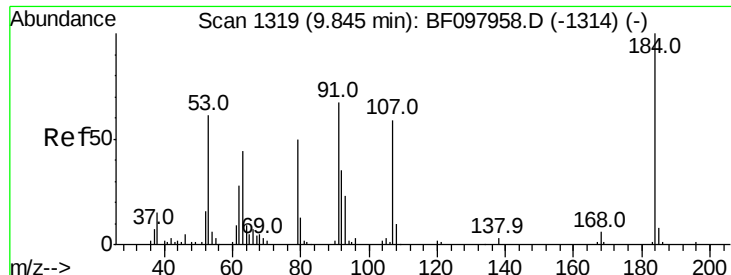


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

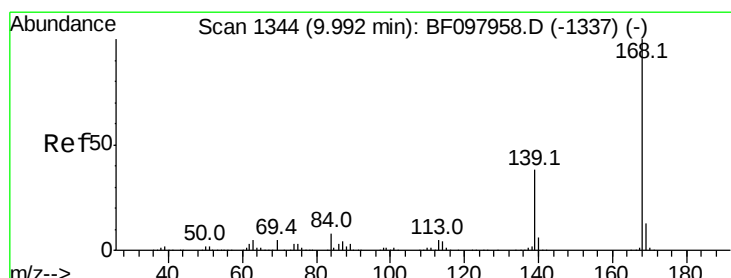
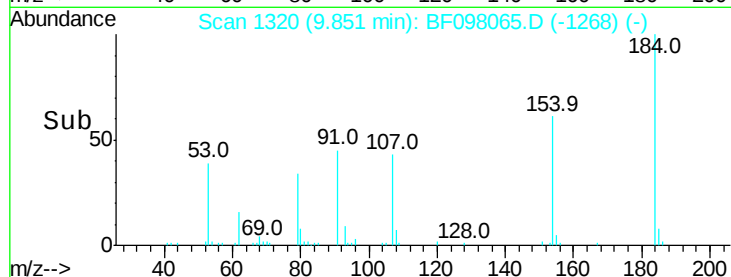
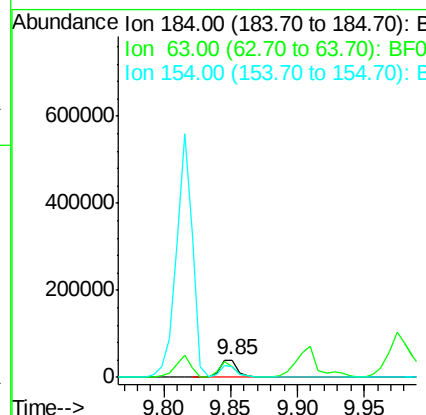
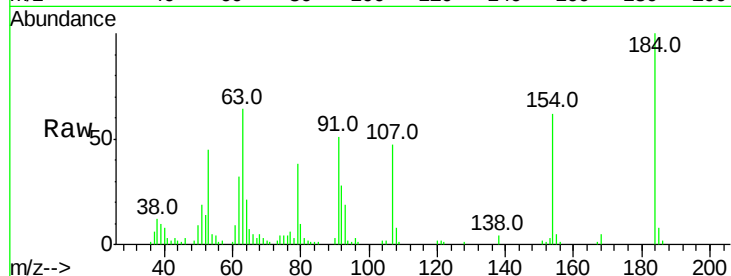




#53  
 2,4-Dinitrophenol  
 Concen: 38.392 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. 0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

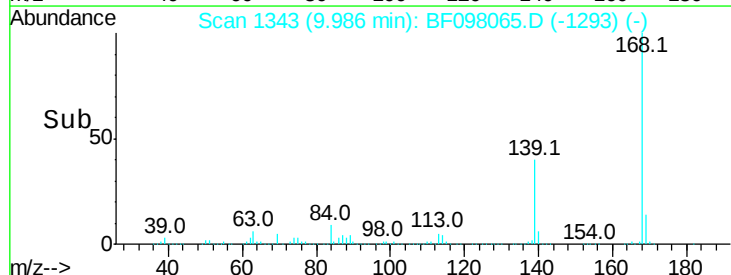
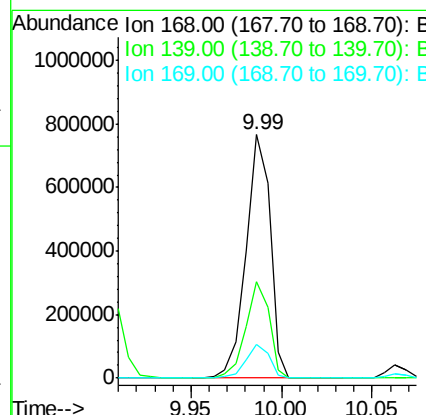
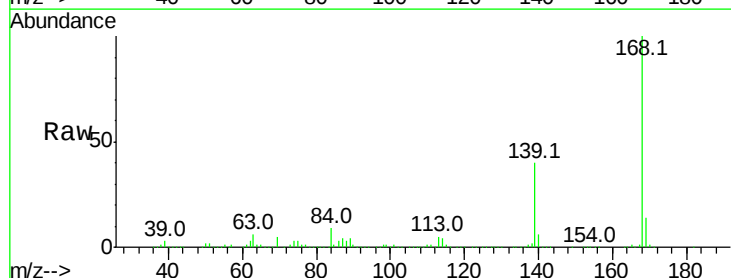
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

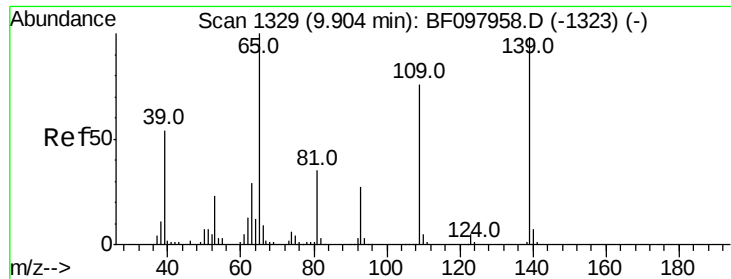
Tot Ion:184 Resp: 40713  
 Ion Ratio Lower Upper  
 184 100  
 63 64.3 62.7 94.1  
 154 62.1 81.1 121.7#



#54  
 Dibenzofuran  
 Concen: 43.886 ng  
 RT: 9.99 min Scan# 1343  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:168 Resp: 711661  
 Ion Ratio Lower Upper  
 168 100  
 139 39.8 30.6 45.8  
 169 14.0 10.8 16.2





#55

4-Nitrophenol

Concen: 78.226 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

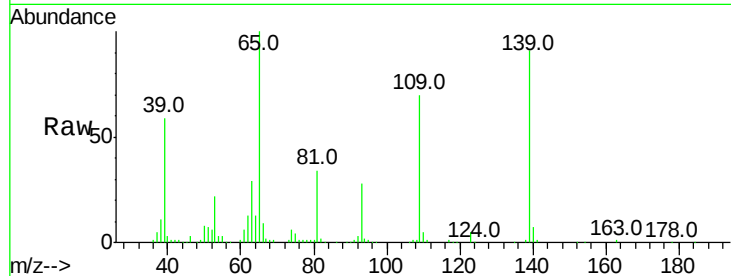
Tot Ion:139 Resp: 212996

Ion Ratio Lower Upper

139 100

109 76.9 34.1 74.1#

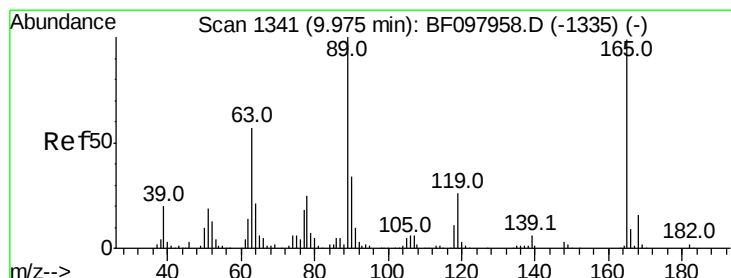
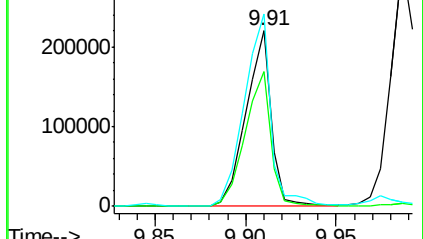
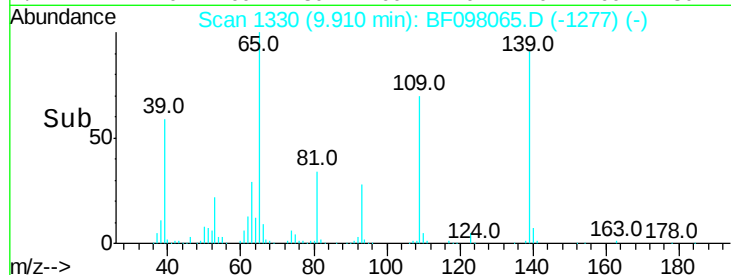
65 109.7 31.4 71.4#



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: 48.579 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Tgt Ion:165 Resp: 161288

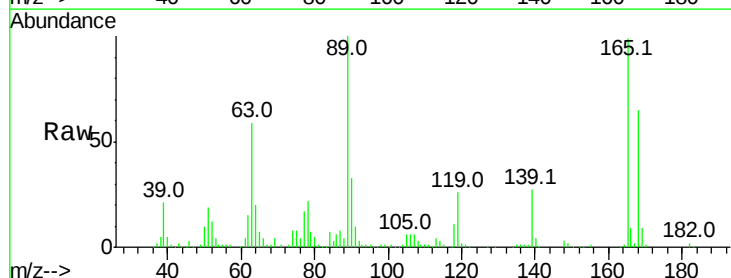
Ion Ratio Lower Upper

165 100

63 59.4 25.4 38.0#

89 100.6 46.4 69.6#

182 2.4 1.8 2.6

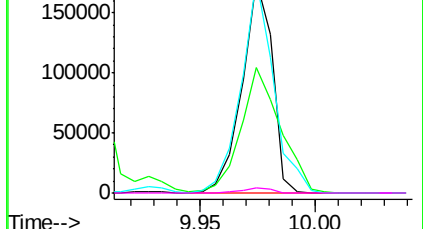
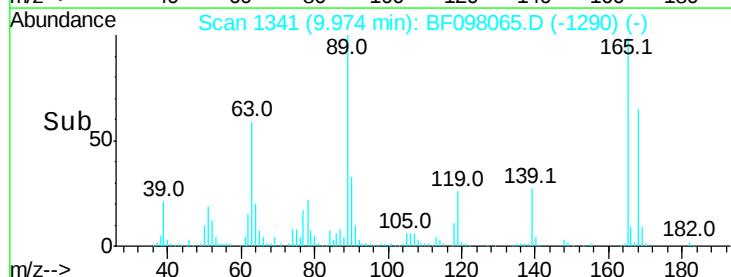


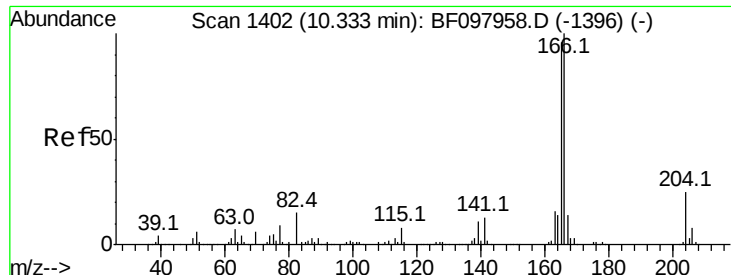
Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.036 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

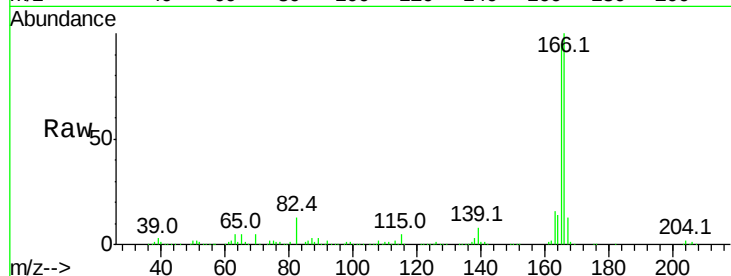
Tot Ion:166 Resp: 539567

Ion Ratio Lower Upper

166 100

165 95.0 78.8 118.2

167 13.1 10.6 16.0

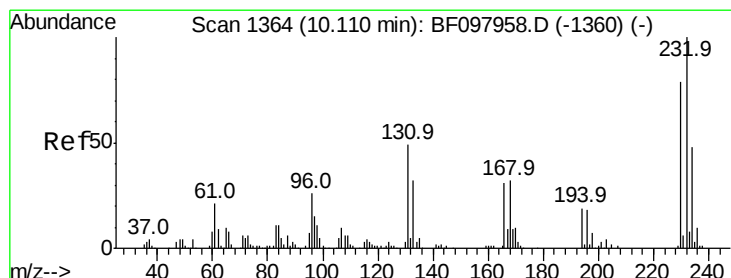
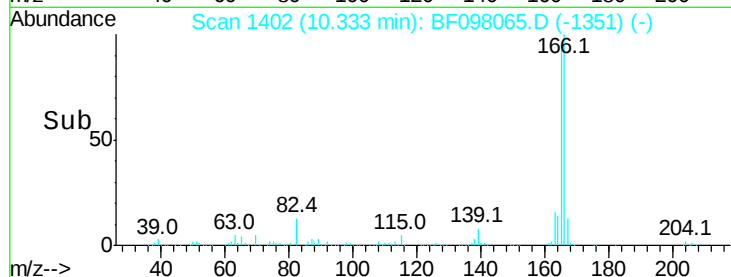
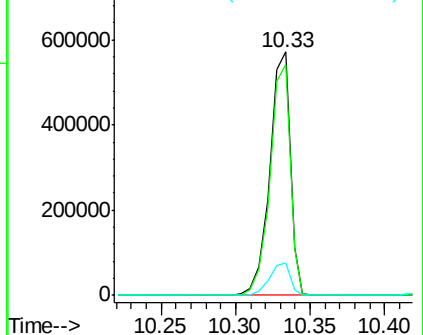


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.302 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Tgt Ion:232 Resp: 132865

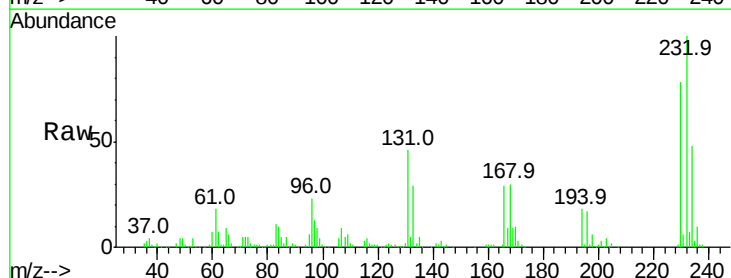
Ion Ratio Lower Upper

232 100

131 50.4 44.8 67.2

130 2.7 2.3 3.5

166 32.9 29.0 43.4



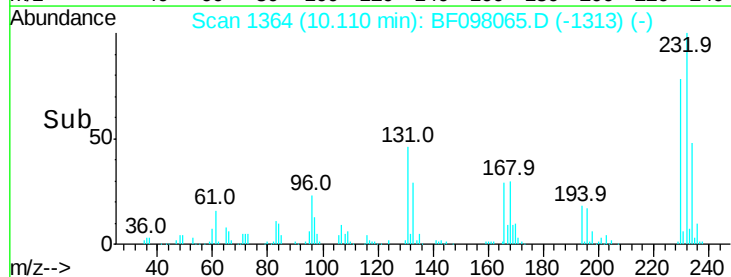
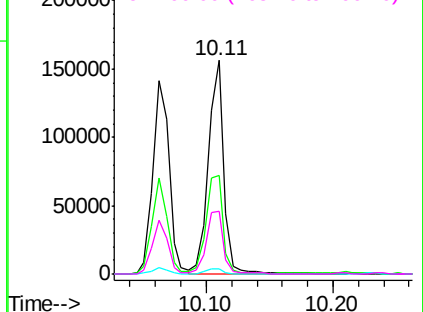
Abundance

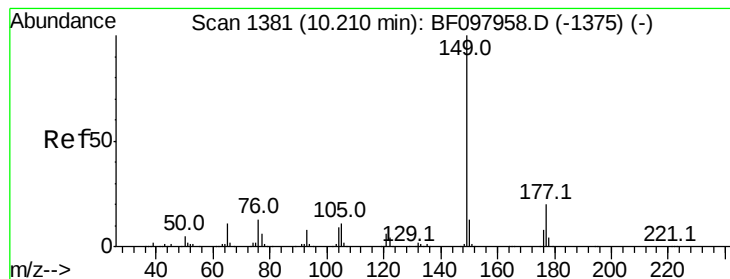
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.124 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

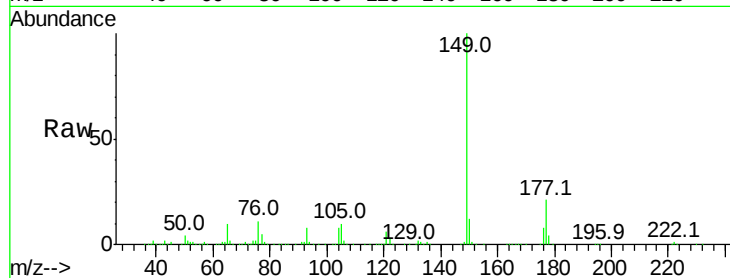
Tot Ion:149 Resp: 583833

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

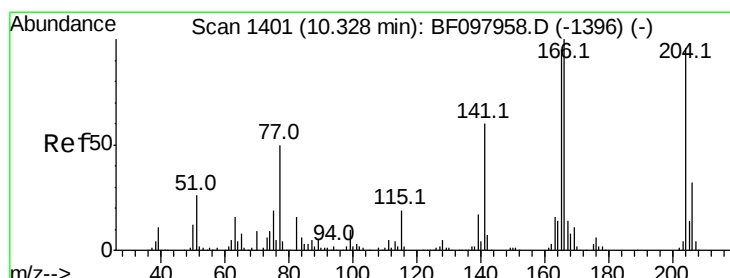
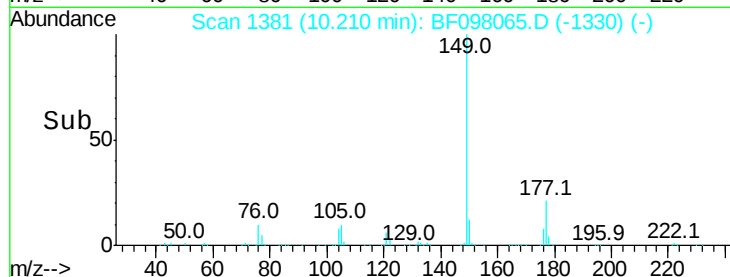
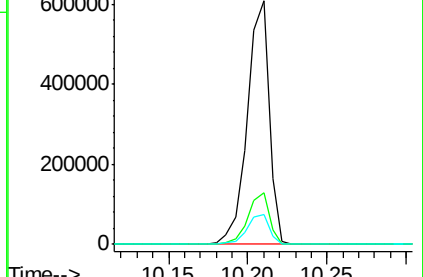
150 12.0 10.2 15.2



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: 41.846 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

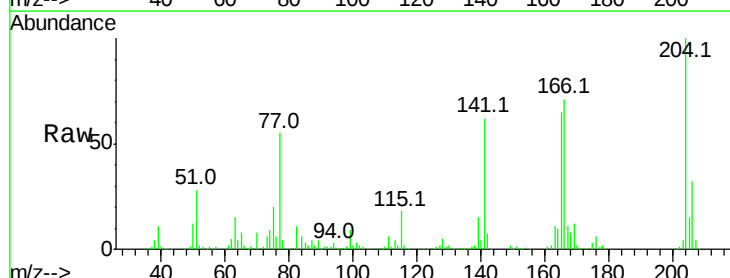
Tgt Ion:204 Resp: 243734

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

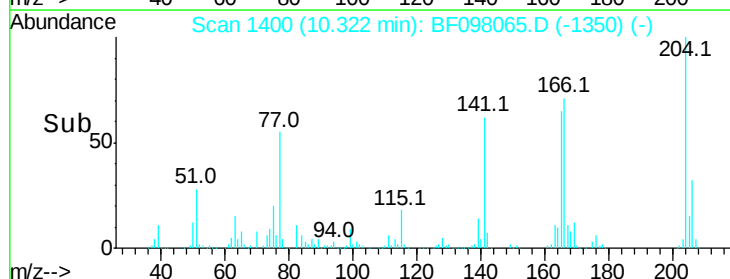
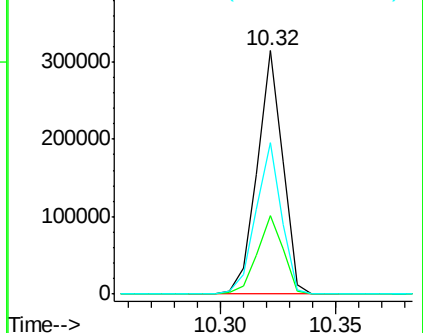
141 62.3 60.8 91.2

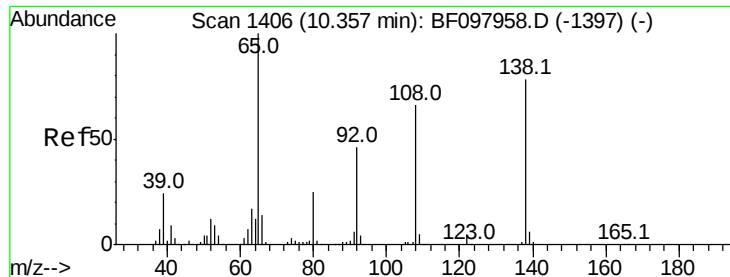


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

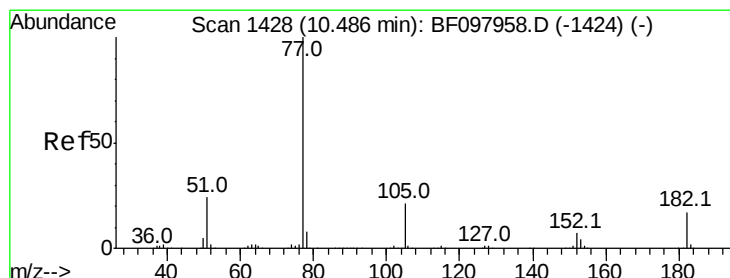
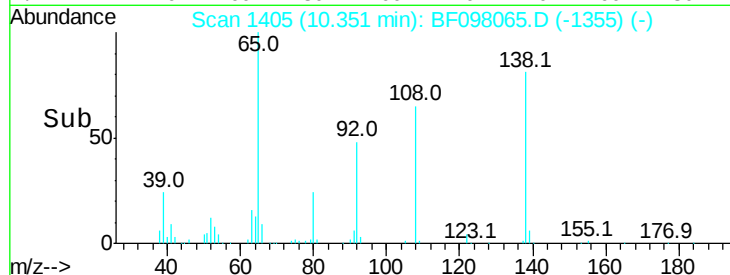
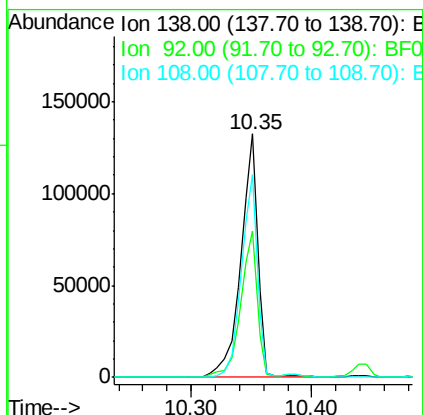
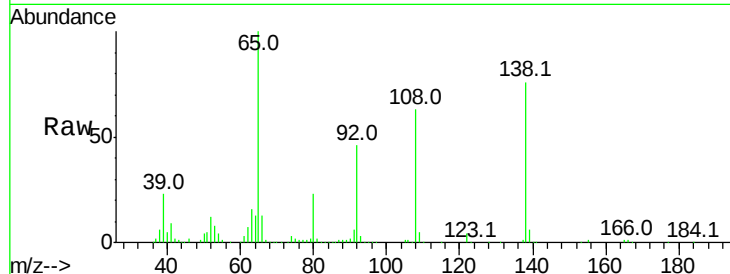




#61  
4-Nitroaniline  
Concen: 40.576 ng  
RT: 10.35 min Scan# 1405  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

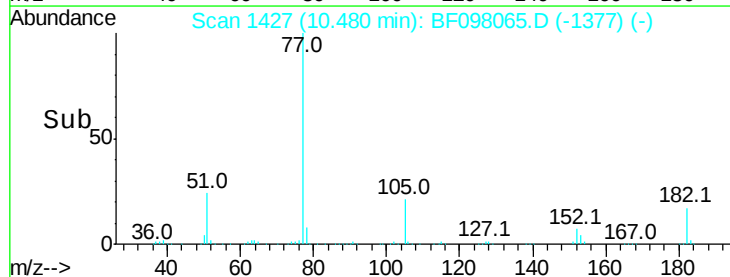
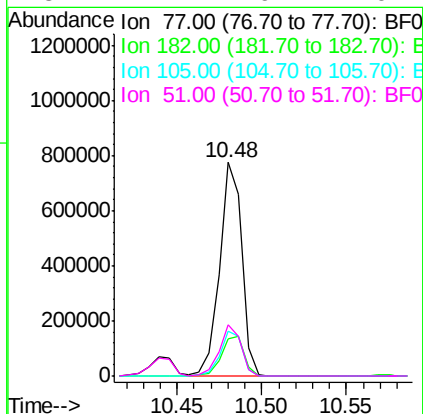
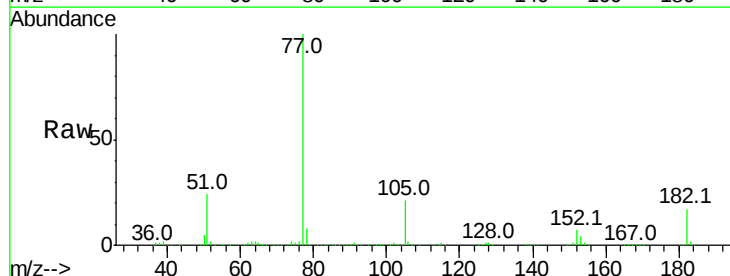
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

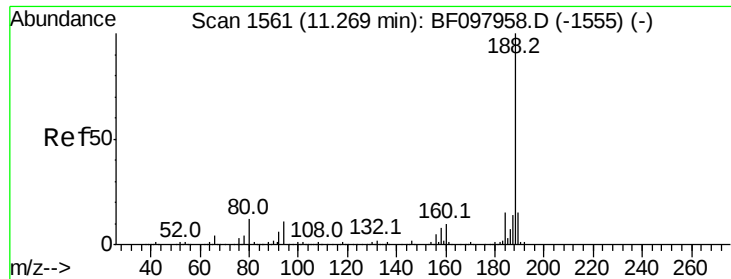
Tot Ion:138 Resp: 131633  
Ion Ratio Lower Upper  
138 100  
92 59.9 21.8 61.8  
108 83.1 42.3 82.3#



#62  
Azobenzene  
Concen: 43.103 ng  
RT: 10.48 min Scan# 1427  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion: 77 Resp: 709634  
Ion Ratio Lower Upper  
77 100  
182 17.3 0.1 40.1  
105 20.9 3.6 43.6  
51 24.1 9.4 49.4

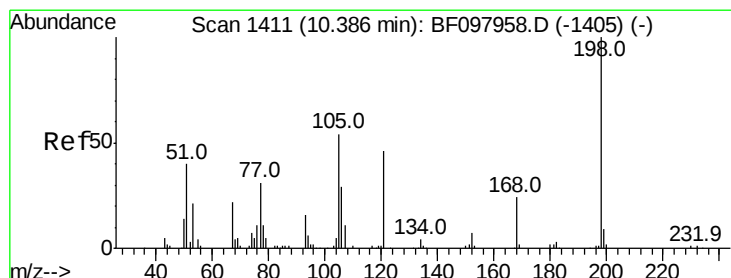
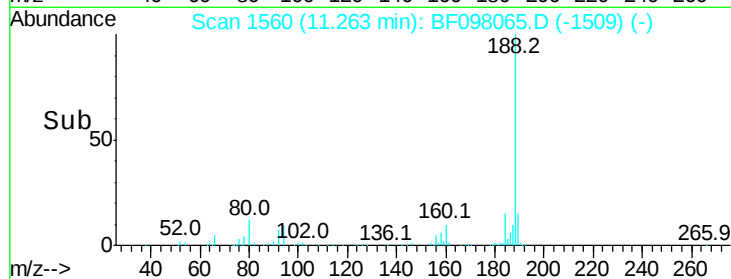
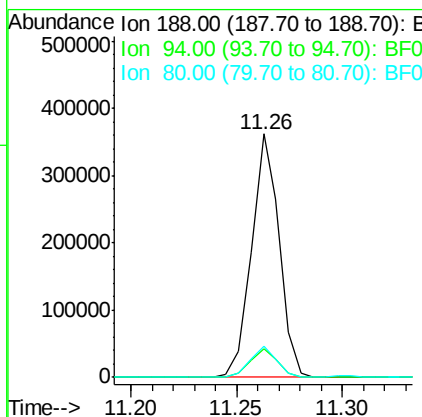
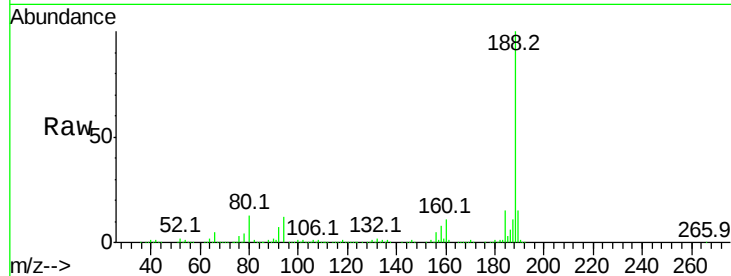




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

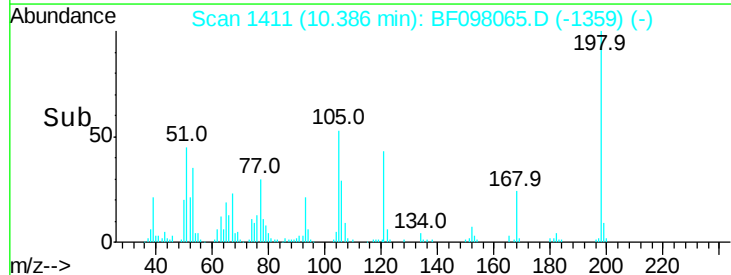
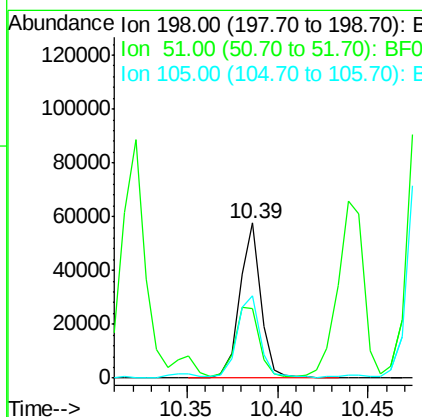
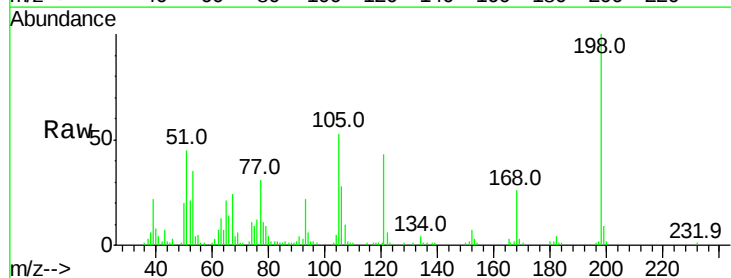
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

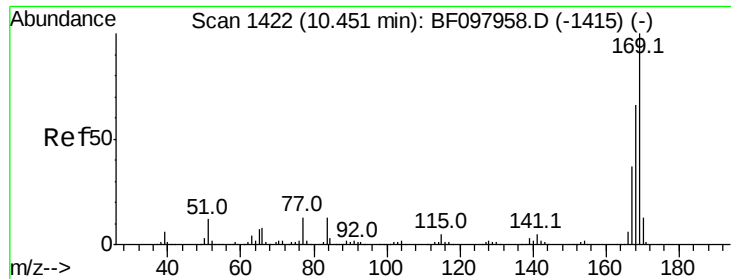
Tot Ion:188 Resp: 329446  
Ion Ratio Lower Upper  
188 100  
94 11.9 9.4 14.2  
80 12.8 10.2 15.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.106 ng  
RT: 10.39 min Scan# 1411  
Delta R.T. 0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion:198 Resp: 46547  
Ion Ratio Lower Upper  
198 100  
51 45.1 53.2 93.2#  
105 53.5 45.8 85.8

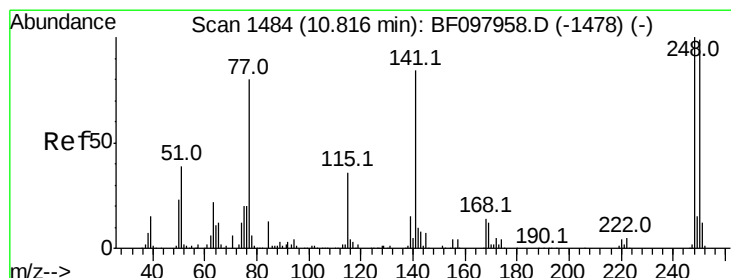
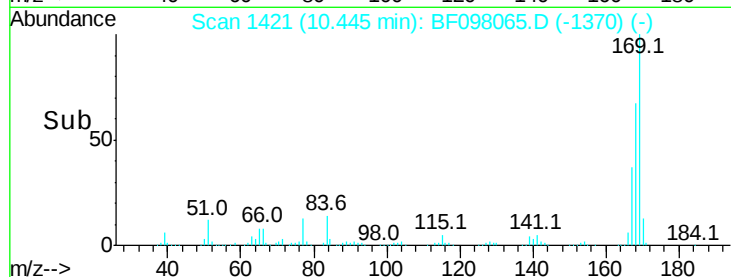
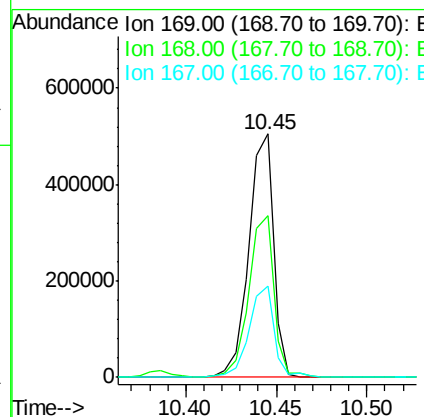
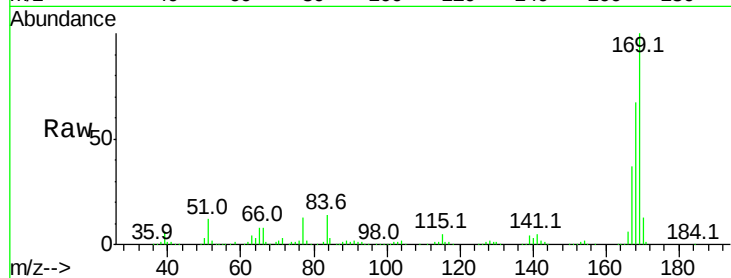




#65  
 n-Nitrosodiphenylamine  
 Concen: 42.743 ng  
 RT: 10.45 min Scan# 1421  
 Delta R.T. -0.00 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

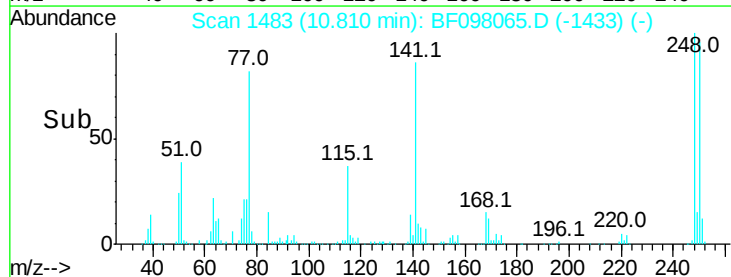
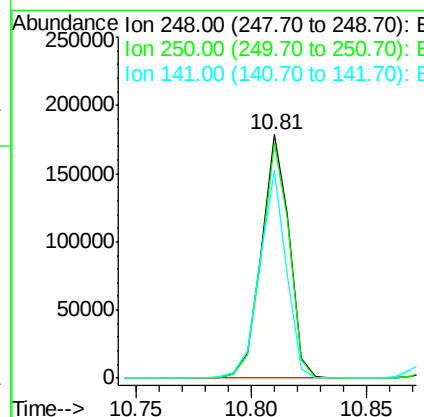
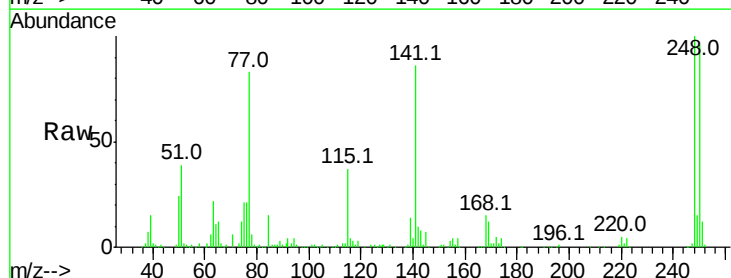
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

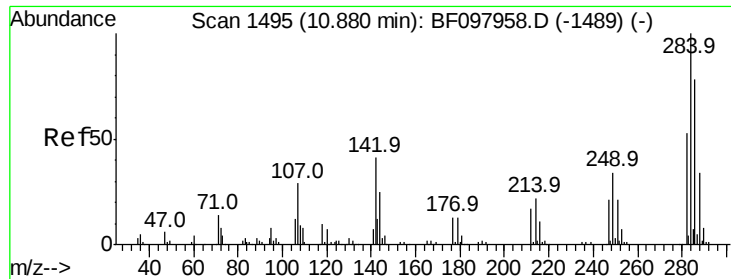
Tot Ion:169 Resp: 479522  
 Ion Ratio Lower Upper  
 169 100  
 168 66.6 53.2 79.8  
 167 37.4 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.714 ng  
 RT: 10.81 min Scan# 1483  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:248 Resp: 149548  
 Ion Ratio Lower Upper  
 248 100  
 250 96.2 76.8 115.2  
 141 85.6 68.6 103.0

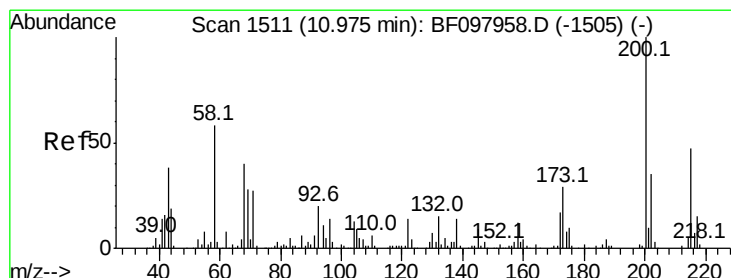
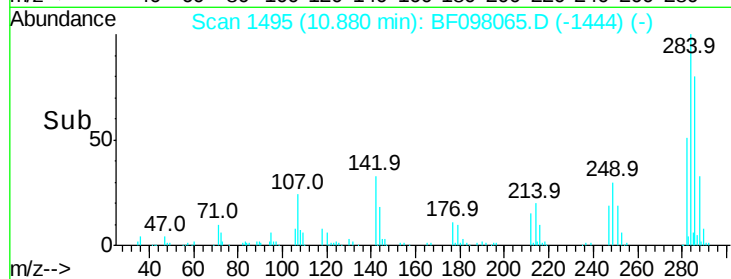
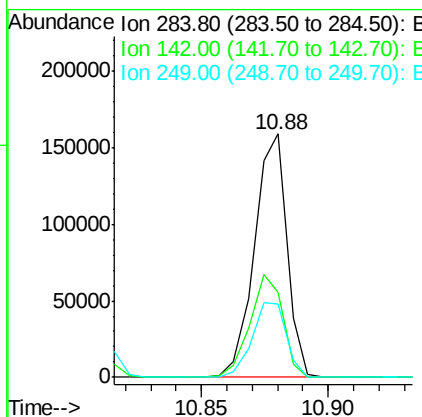
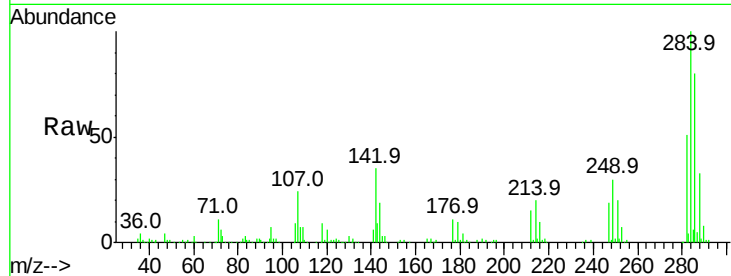




#67  
Hexachlorobenzene  
Concen: 40.967 ng  
RT: 10.88 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

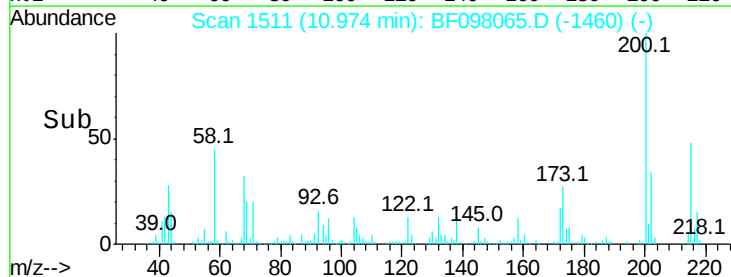
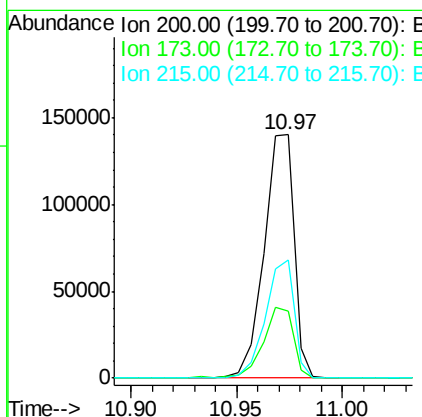
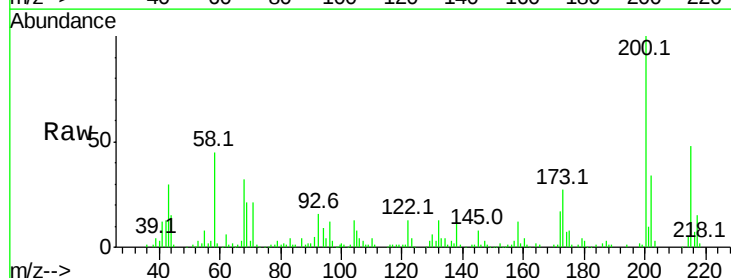
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

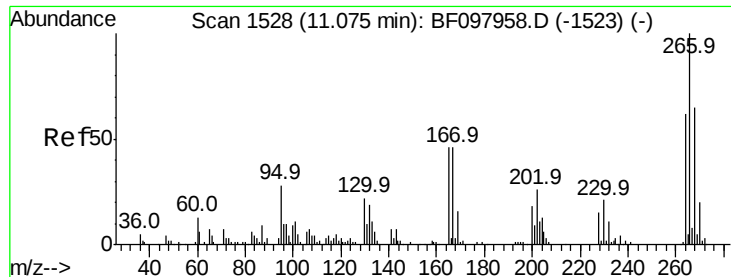
Tot Ion:284 Resp: 142850  
Ion Ratio Lower Upper  
284 100  
142 35.0 22.8 34.2#  
249 30.2 24.0 36.0



#68  
Atrazine  
Concen: 46.619 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion:200 Resp: 138701  
Ion Ratio Lower Upper  
200 100  
173 27.3 6.3 46.3  
215 48.5 27.2 67.2

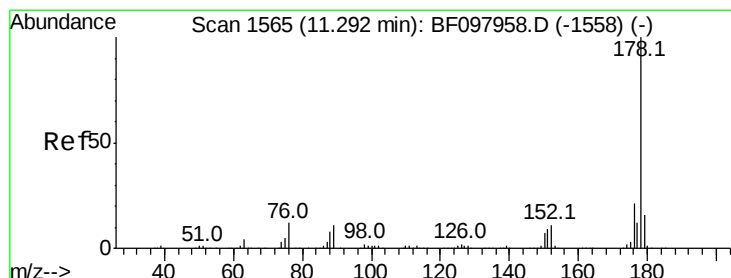
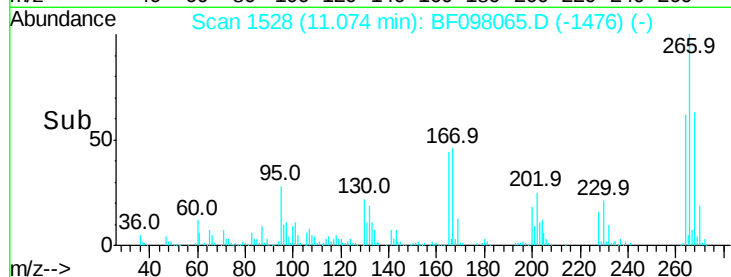
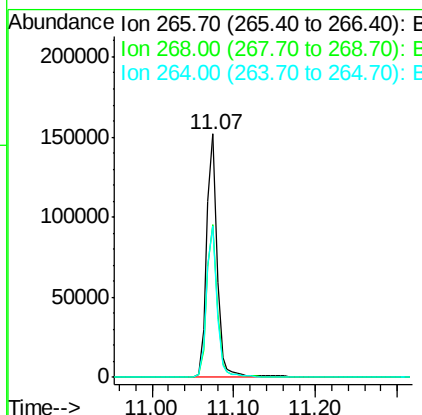
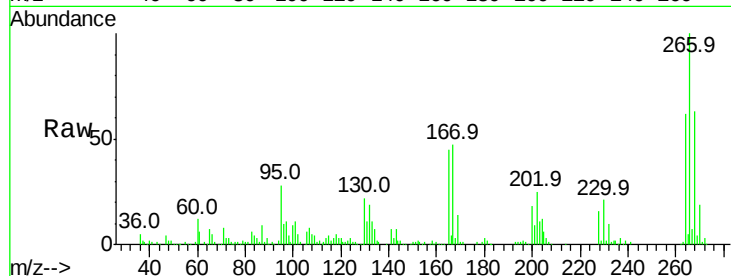




#69  
 Pentachlorophenol  
 Concen: 68.022 ng  
 RT: 11.07 min Scan# 1528  
 Delta R.T. 0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

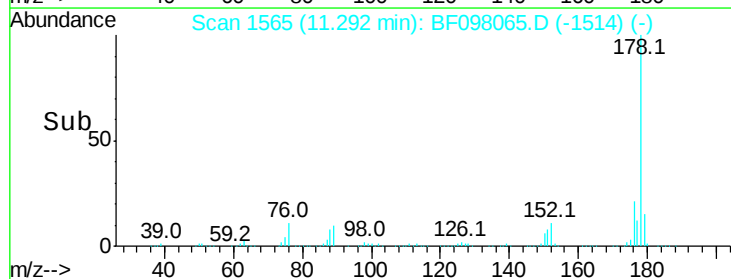
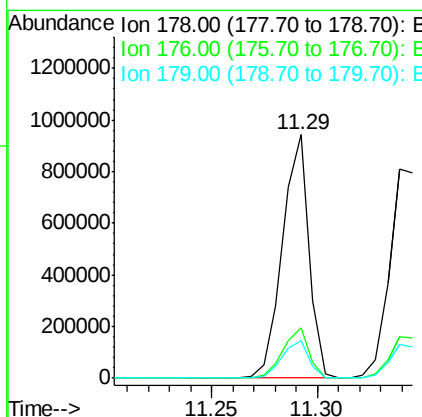
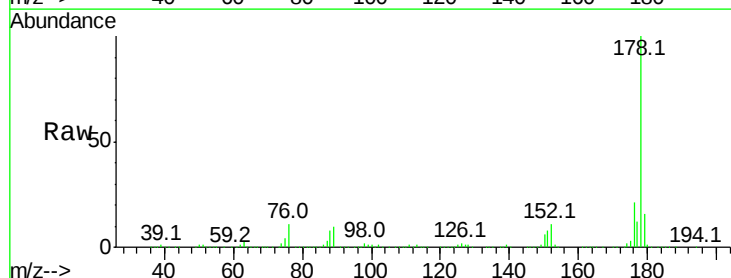
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

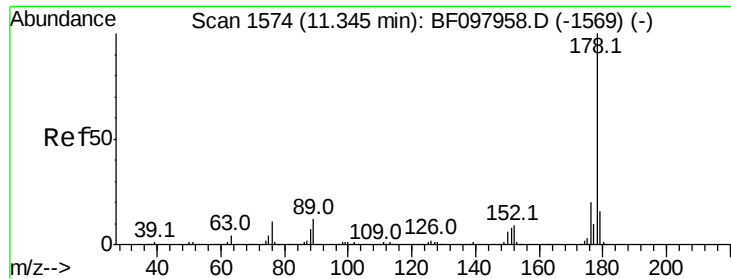
Tot Ion:266 Resp: 138296  
 Ion Ratio Lower Upper  
 266 100  
 268 62.7 51.1 76.7  
 264 62.2 51.7 77.5



#70  
 Phenanthrene  
 Concen: 47.002 ng  
 RT: 11.29 min Scan# 1565  
 Delta R.T. -0.00 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:178 Resp: 825140  
 Ion Ratio Lower Upper  
 178 100  
 176 20.7 16.2 24.4  
 179 15.7 12.6 19.0

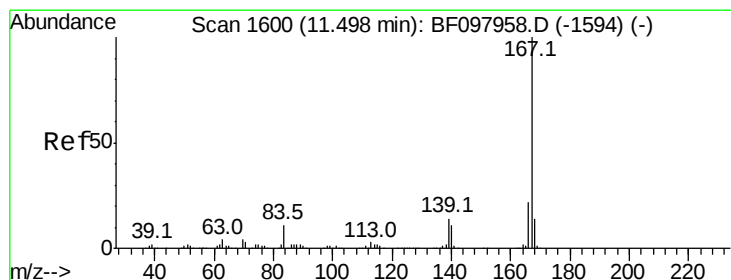
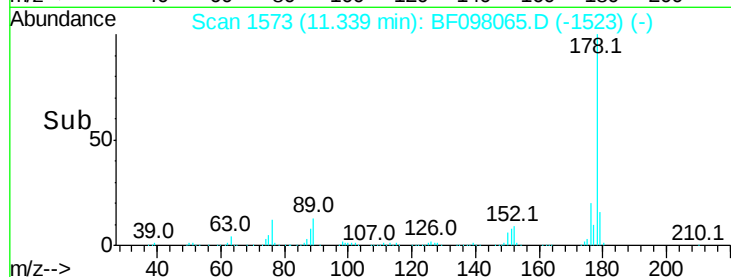
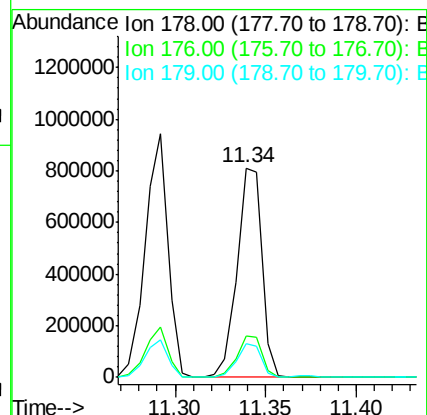
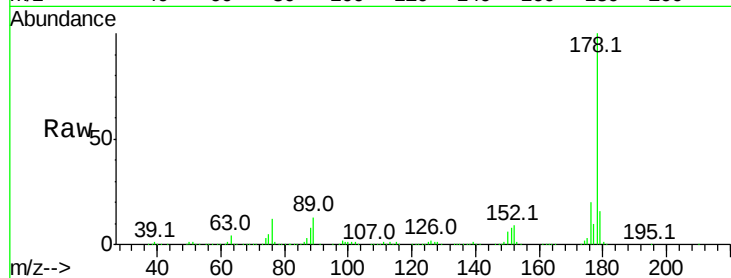




#71  
 Anthracene  
 Concen: 43.622 ng  
 RT: 11.34 min Scan# 1573  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

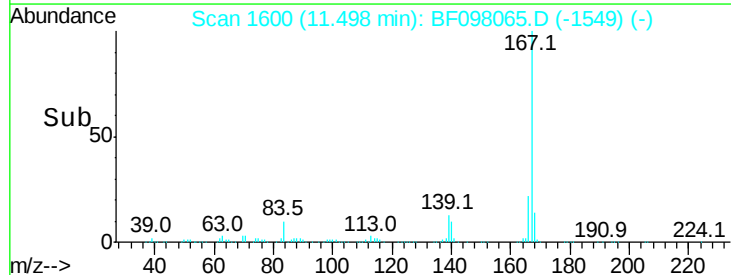
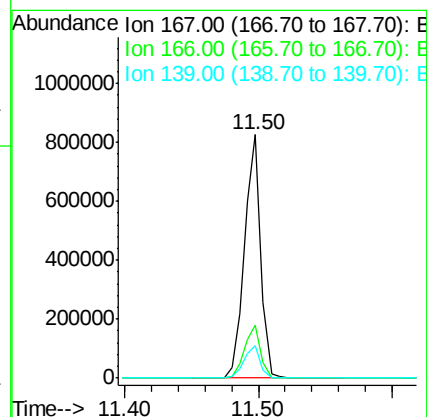
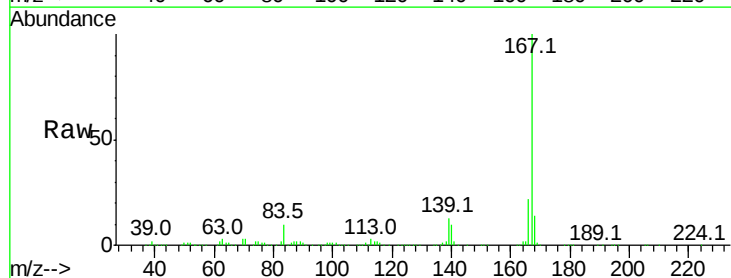
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

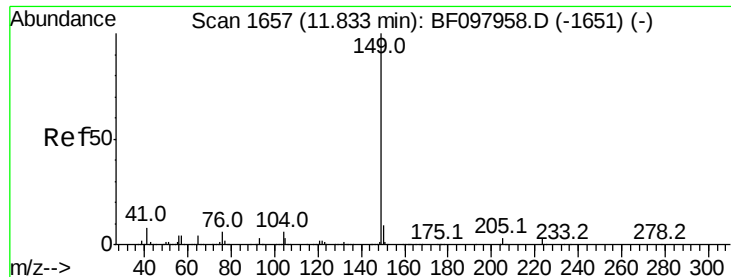
Tot Ion:178 Resp: 776724  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 15.8 23.8  
 179 16.0 12.7 19.1



#72  
 Carbazole  
 Concen: 41.241 ng  
 RT: 11.50 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:167 Resp: 697036  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 18.1 27.1  
 139 13.3 11.7 17.5

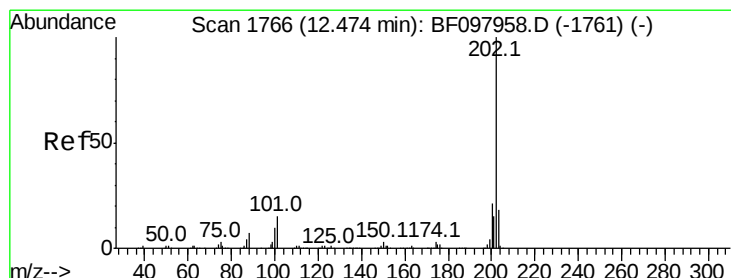
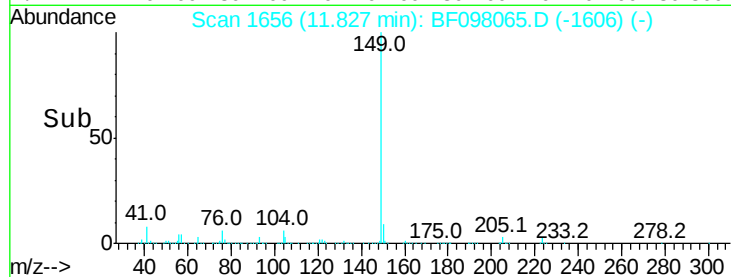
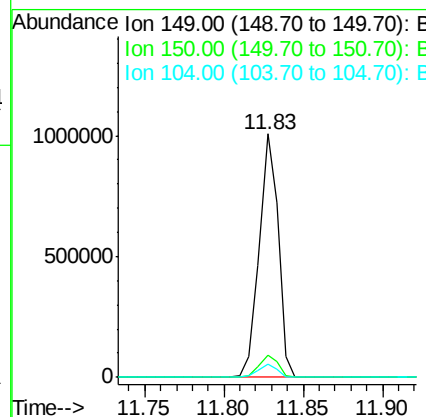
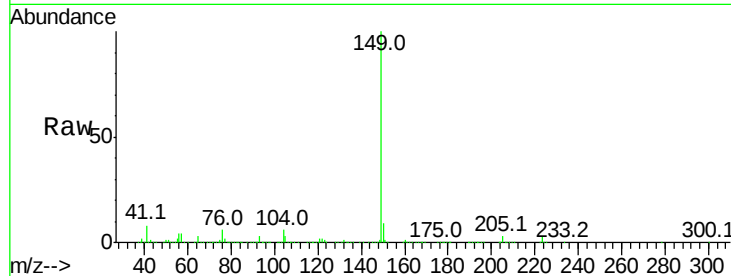




#73  
Di-n-butylphthalate  
Concen: 43.065 ng  
RT: 11.83 min Scan# 1656  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

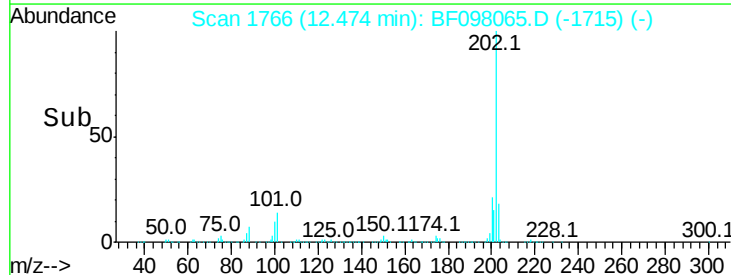
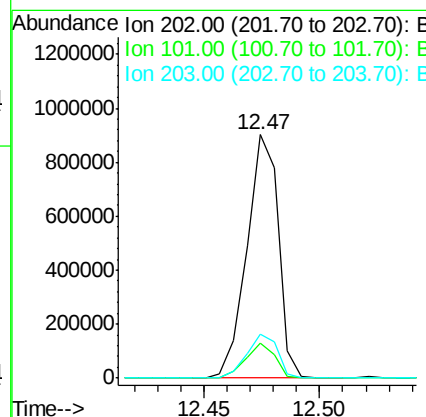
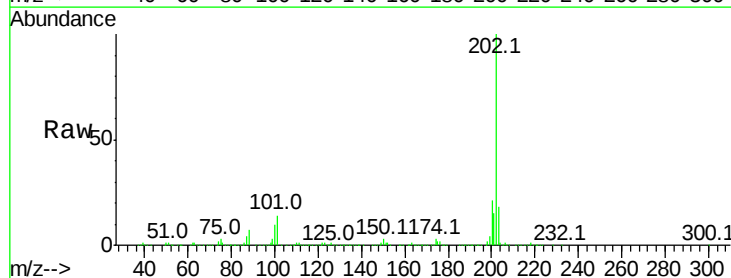
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

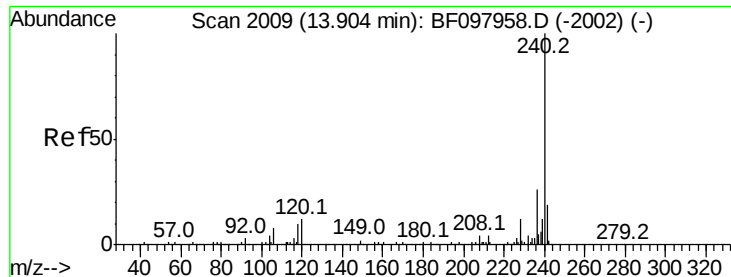
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.7   | 11.5  |
| 104     | 5.6   | 4.0   | 6.0   |



#74  
Fluoranthene  
Concen: 46.924 ng  
RT: 12.47 min Scan# 1766  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 14.3  | 0.0   | 33.2  |
| 203     | 18.1  | 0.0   | 38.1  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

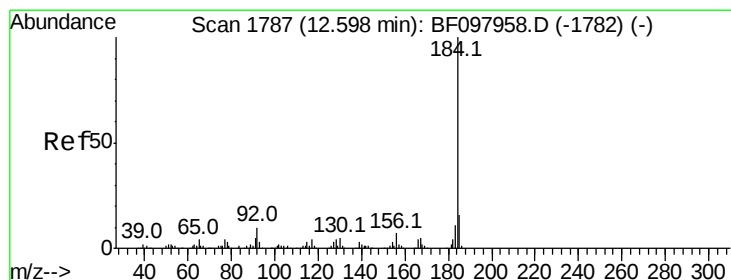
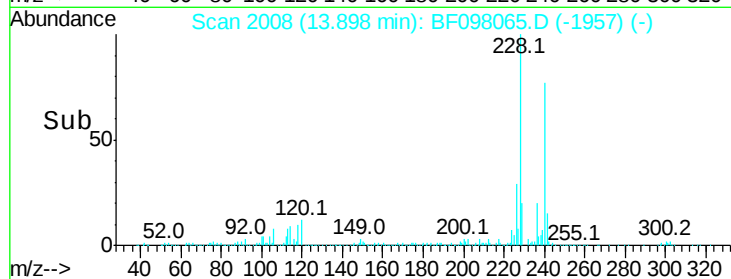
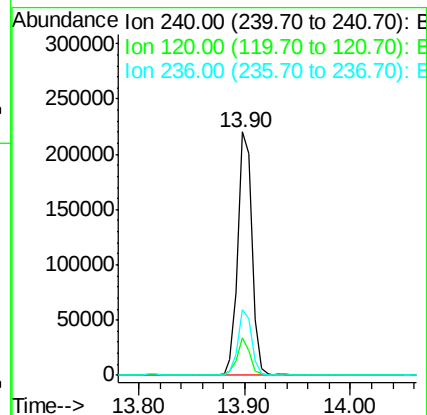
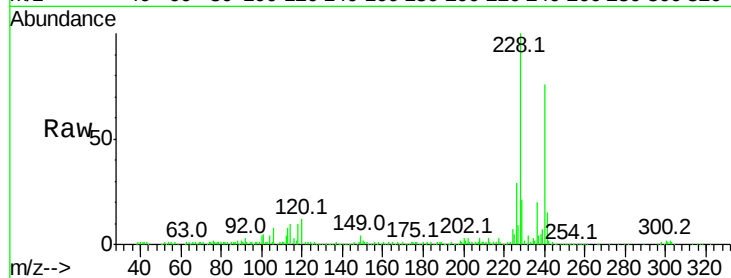
Tot Ion:240 Resp: 204542

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

236 26.8 20.5 30.7



#76

Benzidine

Concen: 13.435 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

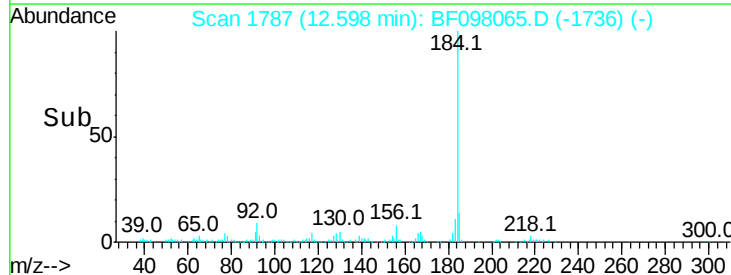
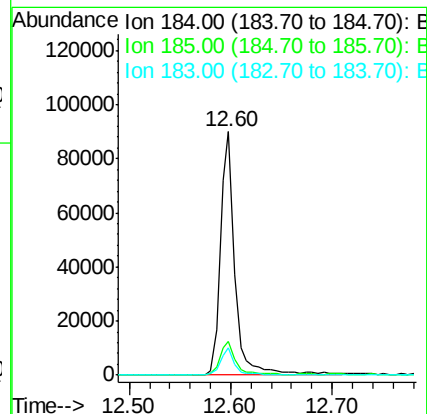
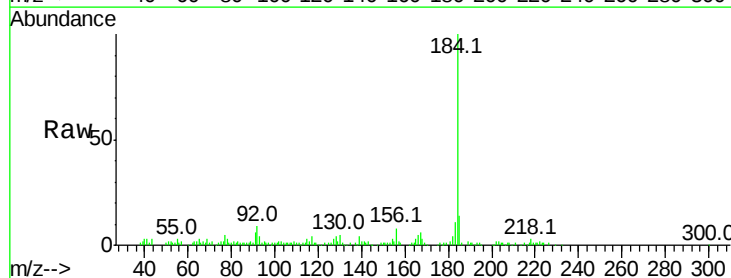
Tgt Ion:184 Resp: 90104

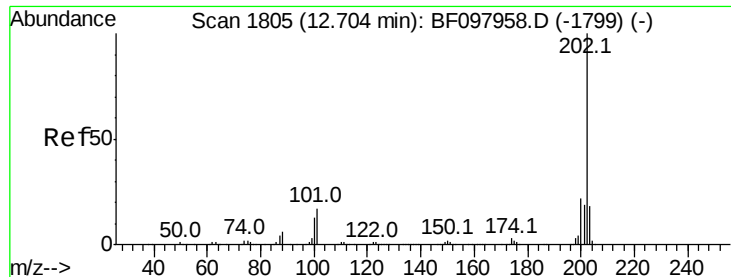
Ion Ratio Lower Upper

184 100

185 13.8 15.5 23.3#

183 11.2 9.8 14.6

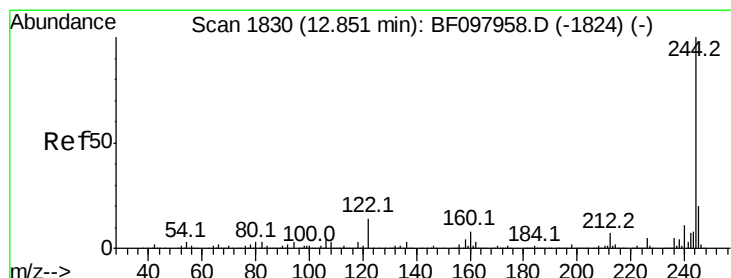
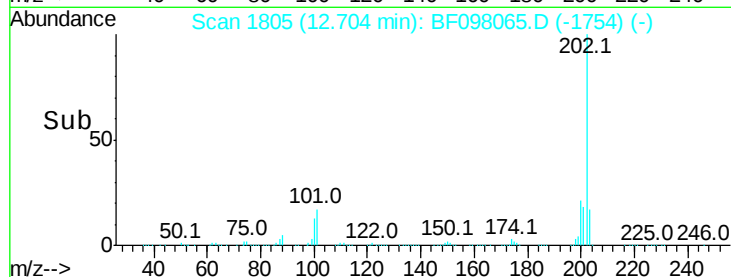
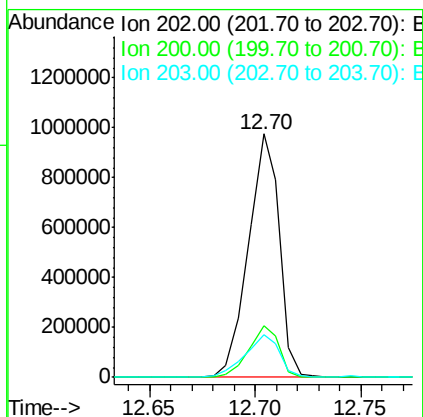
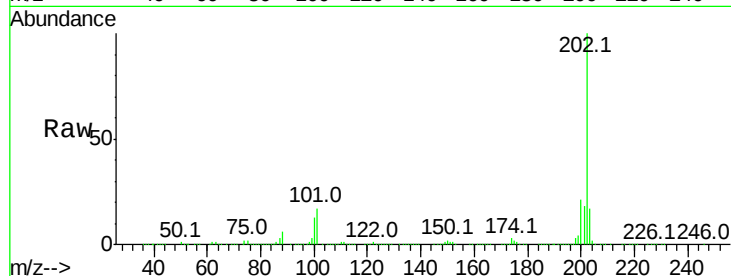




#77  
Pvrene  
Concen: 59.069 ng  
RT: 12.70 min Scan# 1805  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

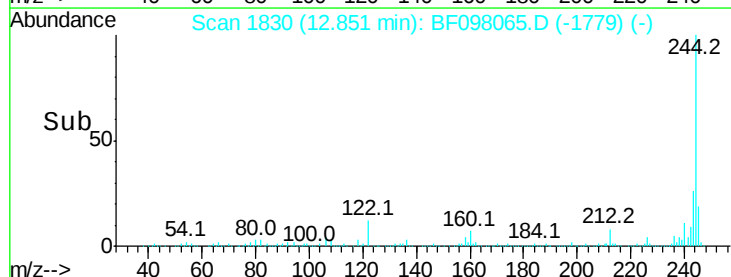
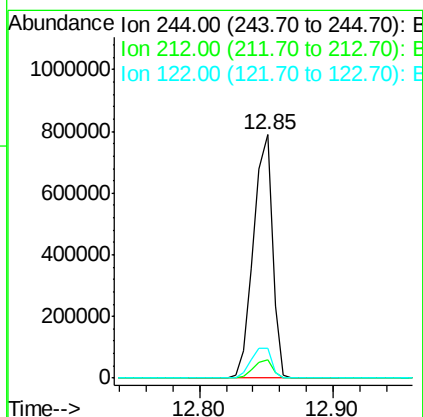
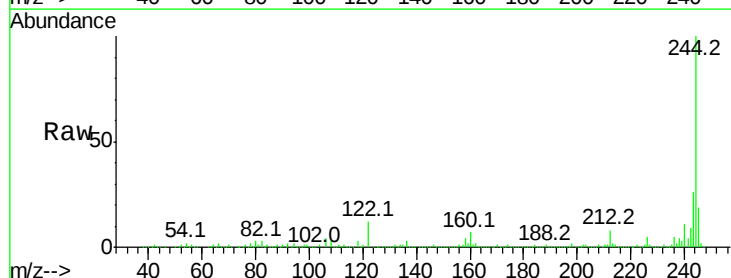
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

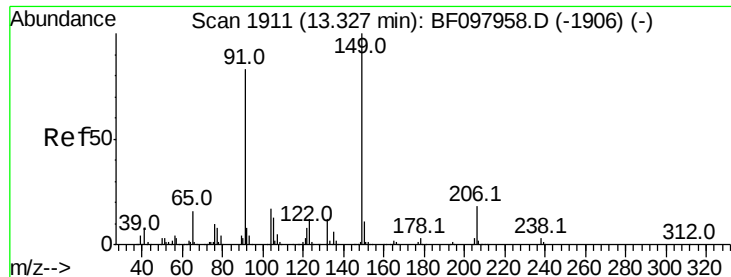
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.0  | 17.6  | 26.4  |
| 203     | 17.4  | 14.4  | 21.6  |



#78  
Terphenyl-d14  
Concen: 78.348 ng  
RT: 12.85 min Scan# 1830  
Delta R.T. -0.00 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.5   | 6.0   | 9.0   |
| 122     | 12.2  | 10.3  | 15.5  |

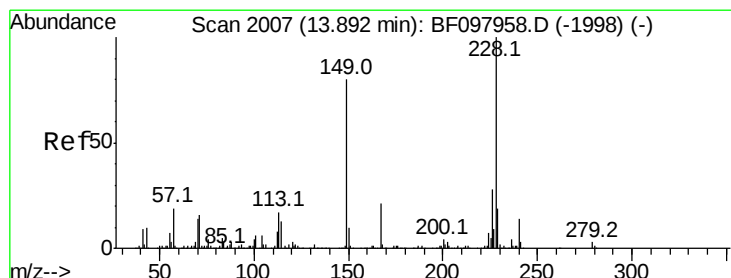
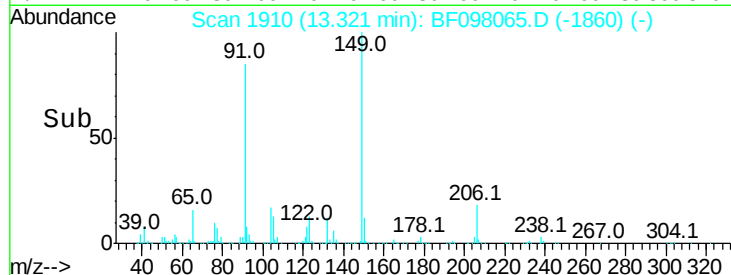
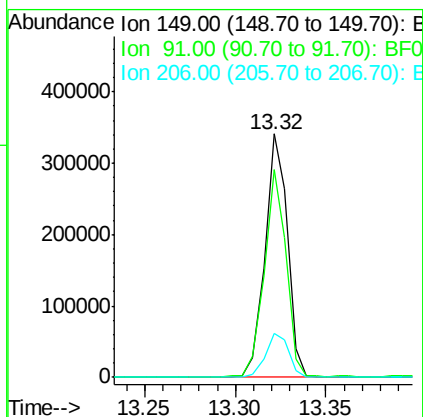
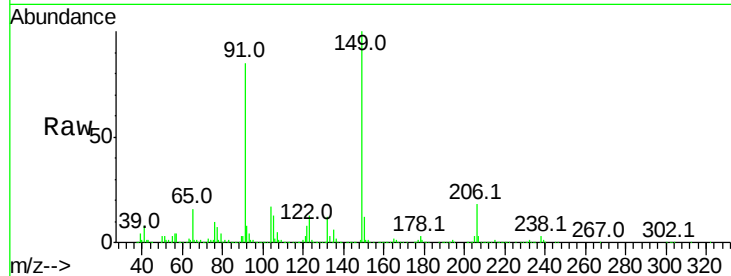




#79  
Butylbenzylphthalate  
Concen: 45.443 ng  
RT: 13.32 min Scan# 1910  
Delta R.T. -0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

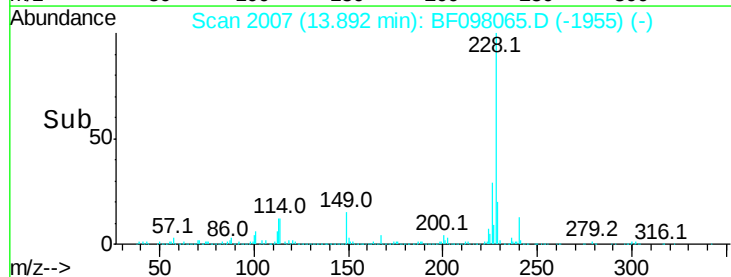
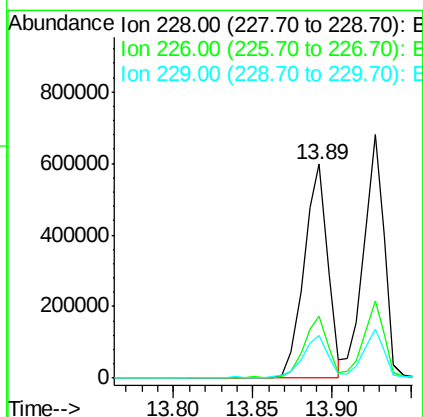
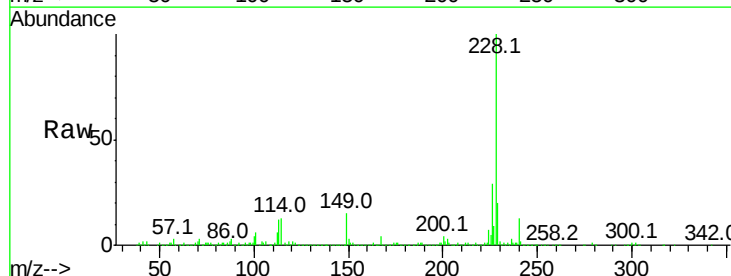
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

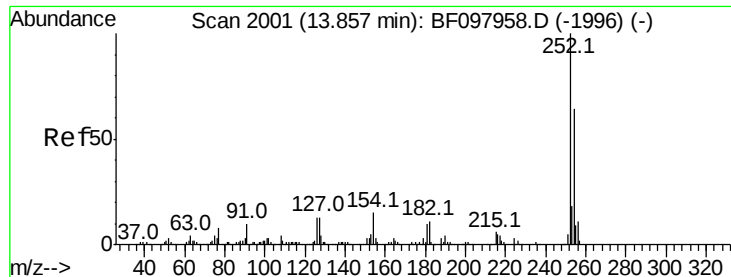
Tot Ion:149 Resp: 291473  
Ion Ratio Lower Upper  
149 100  
91 85.3 45.0 67.4#  
206 18.2 17.0 25.6



#80  
Benzo(a)anthracene  
Concen: 50.261 ng  
RT: 13.89 min Scan# 2007  
Delta R.T. 0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion:228 Resp: 616146  
Ion Ratio Lower Upper  
228 100  
226 28.8 22.6 33.8  
229 20.2 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 34.775 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

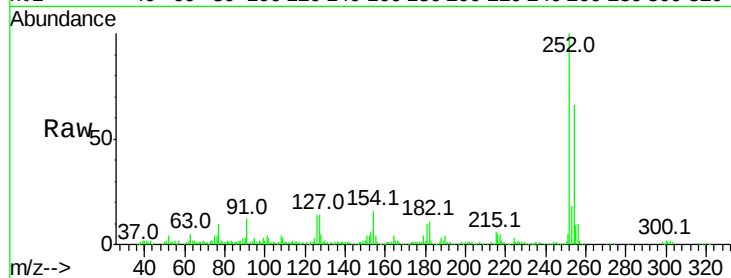
Tot Ion:252 Resp: 143855

Ion Ratio Lower Upper

252 100

254 65.7 51.5 77.3

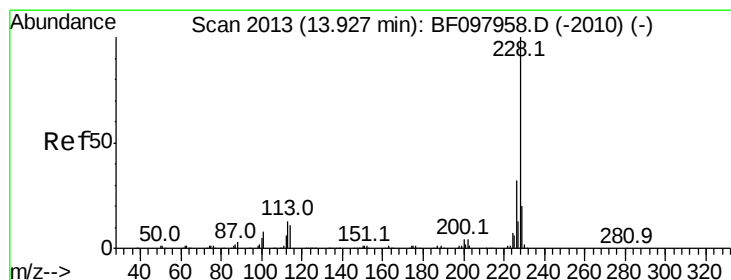
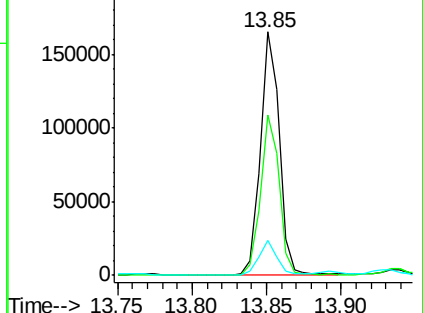
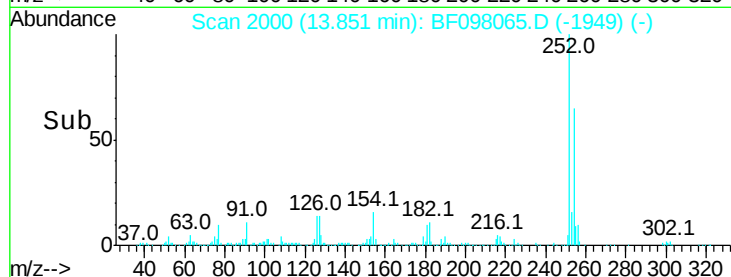
126 14.5 15.8 23.8#



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: 50.704 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

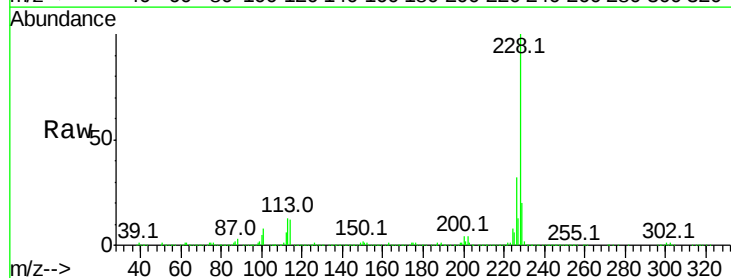
Tgt Ion:228 Resp: 618334

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

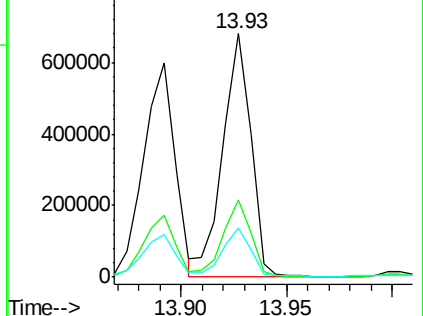
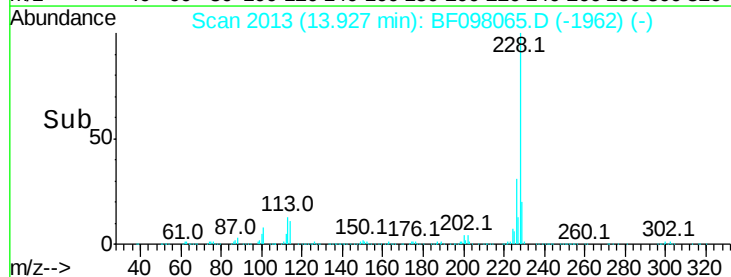
229 20.4 15.8 23.6

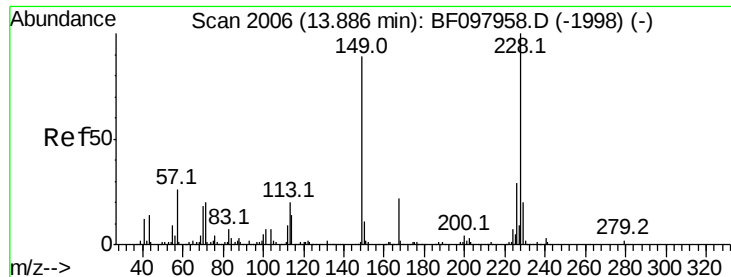


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

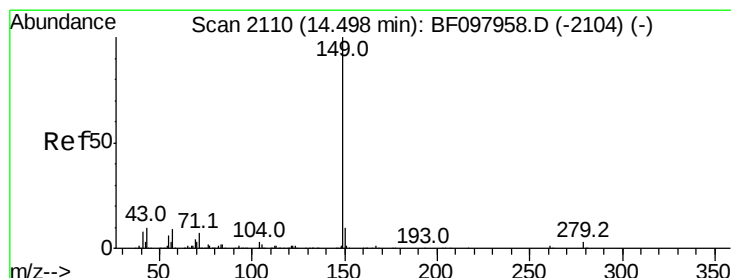
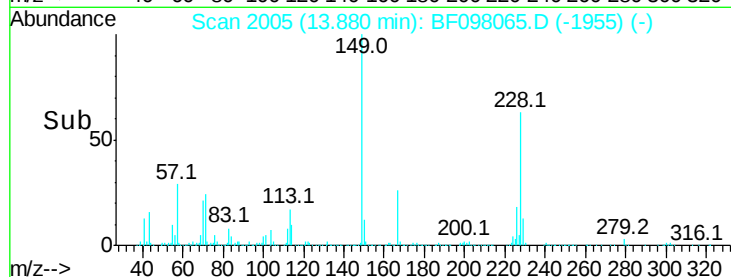
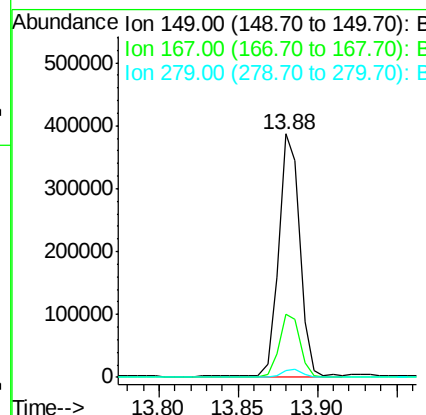
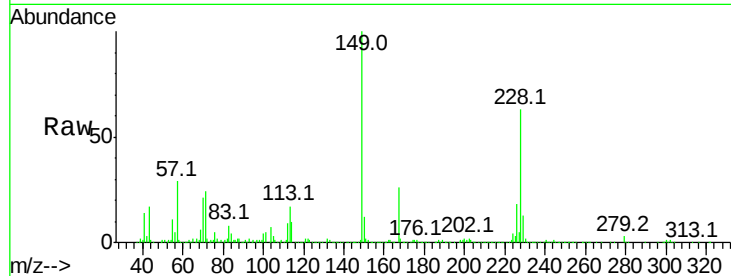




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.455 ng  
 RT: 13.88 min Scan# 2005  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

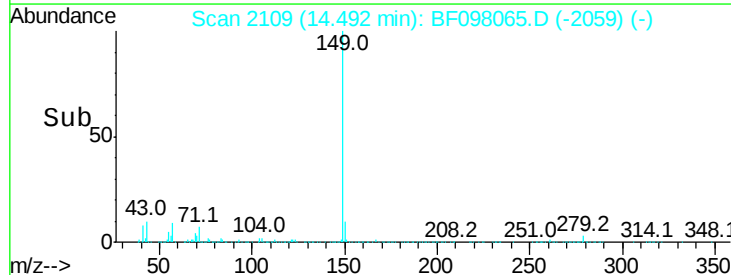
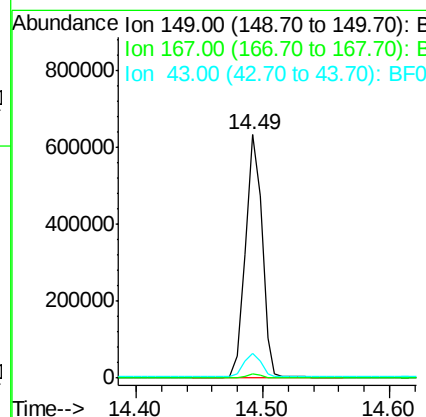
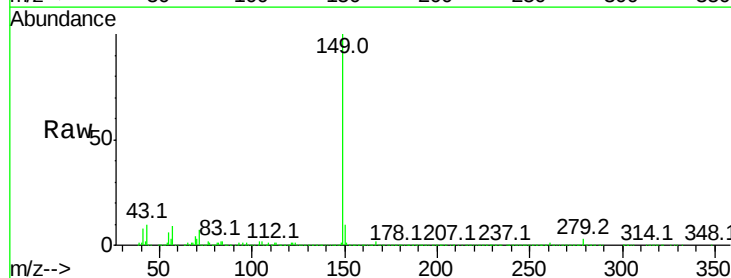
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-11-COMPMS

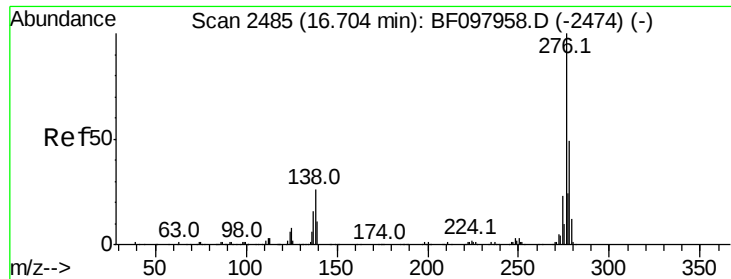
Tot Ion:149 Resp: 358607  
 Ion Ratio Lower Upper  
 149 100  
 167 25.7 21.0 31.4  
 279 2.6 1.9 2.9



#84  
 Di-n-octyl phthalate  
 Concen: 45.794 ng  
 RT: 14.49 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BF098065.D  
 Acq: 28 Aug 2017 13:35

Tgt Ion:149 Resp: 566319  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 10.0 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.452 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.03 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

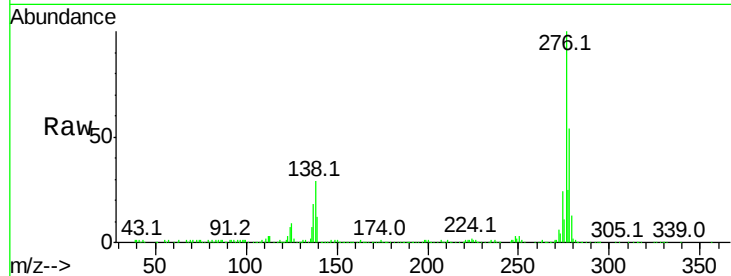
Tot Ion:276 Resp: 533341

Ion Ratio Lower Upper

276 100

138 28.2 27.8 41.6

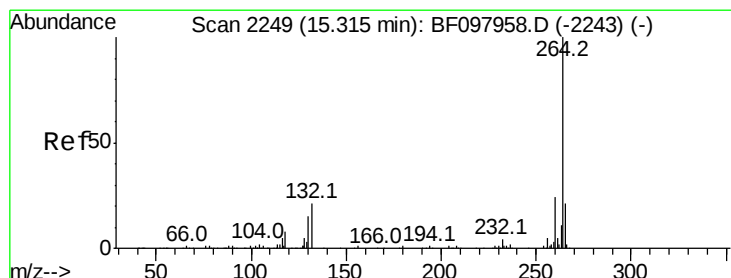
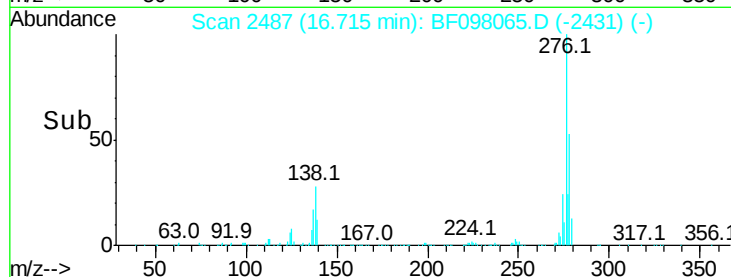
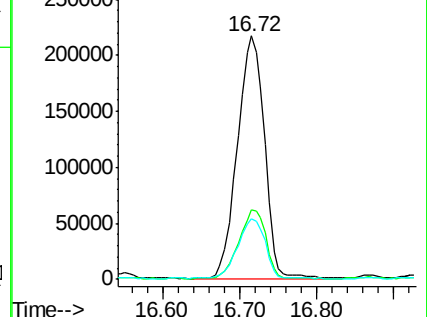
277 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

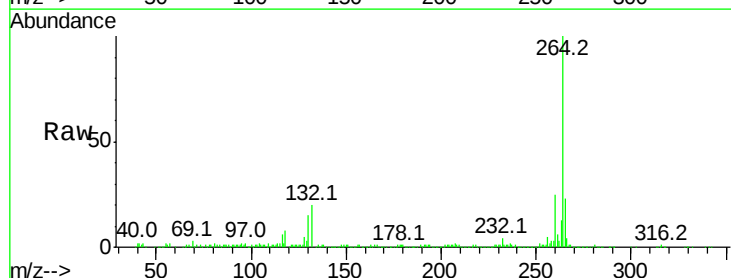
Tgt Ion:264 Resp: 208390

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

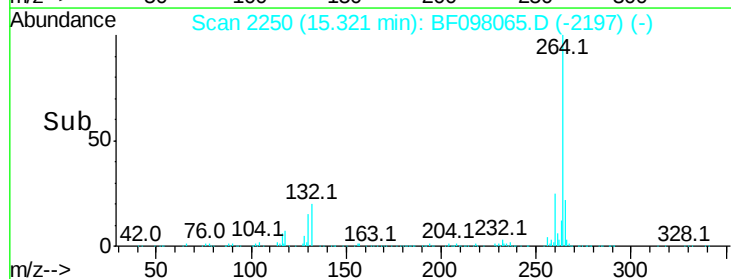
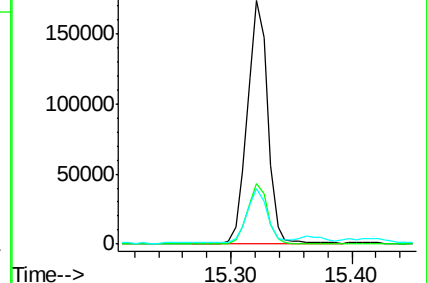
265 22.6 17.2 25.8

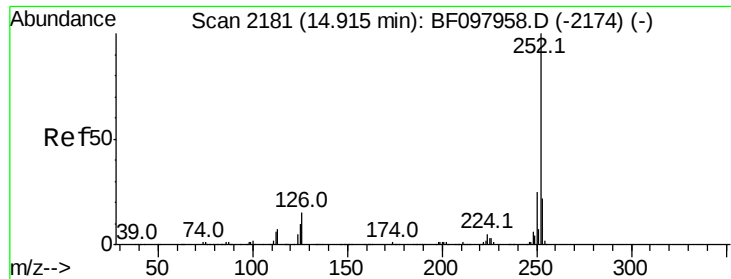


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

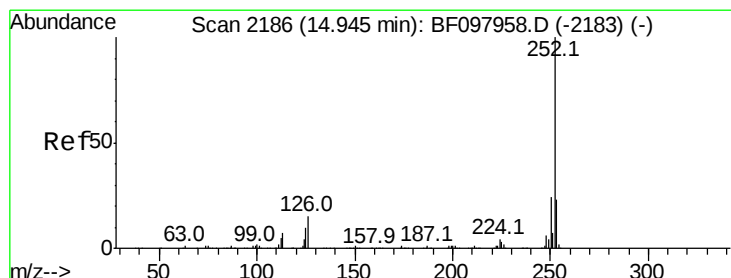
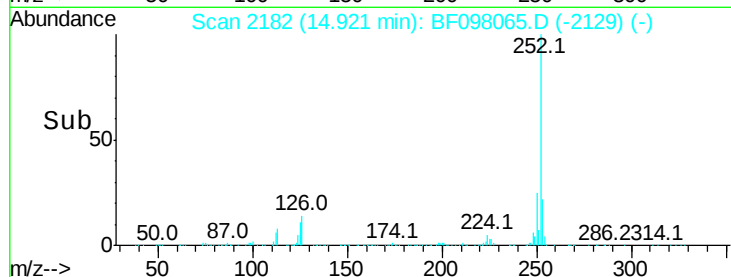
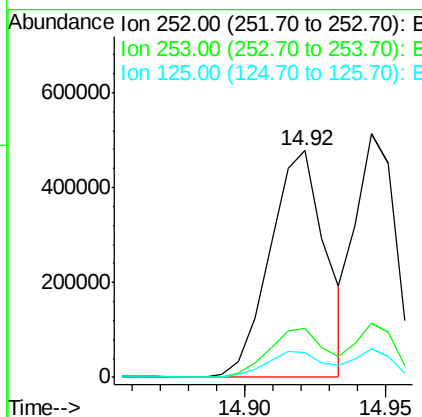
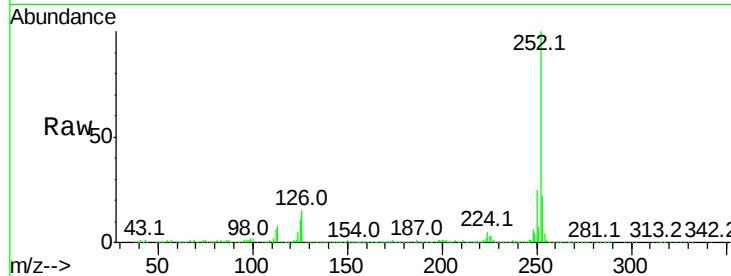




#87  
Benzo(b)fluoranthene  
Concen: 49.508 ng  
RT: 14.92 min Scan# 2182  
Delta R.T. 0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

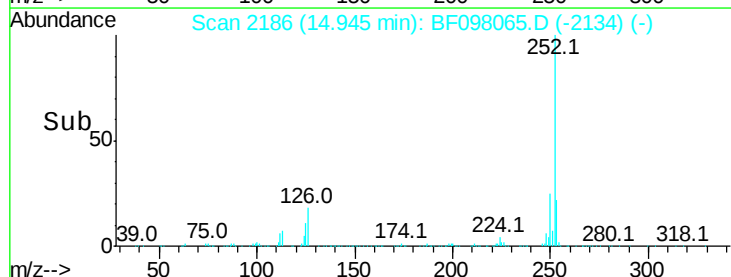
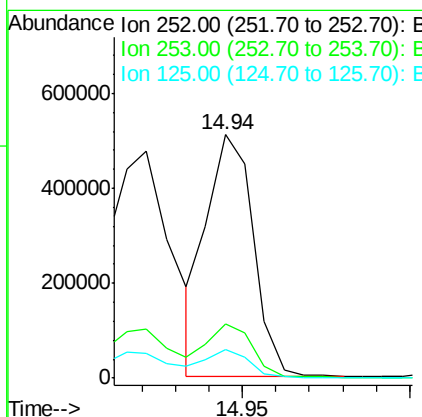
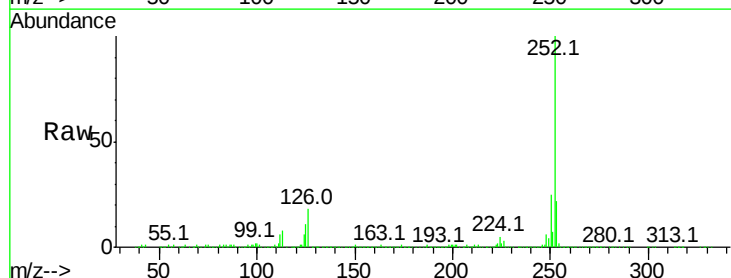
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

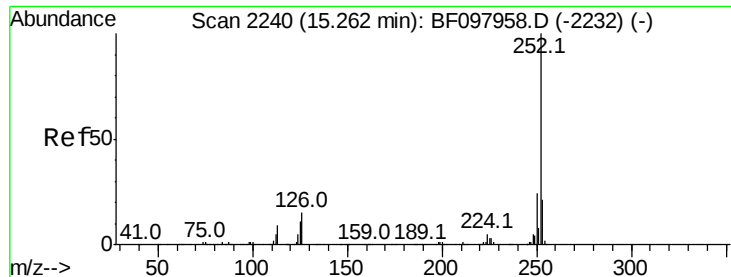
Tot Ion:252 Resp: 650306  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.1 27.1  
125 11.2 9.8 14.8



#88  
Benzo(k)fluoranthene  
Concen: 40.264 ng m  
RT: 14.94 min Scan# 2186  
Delta R.T. 0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion:252 Resp: 496892  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.4 27.6  
125 11.5 13.1 19.7#

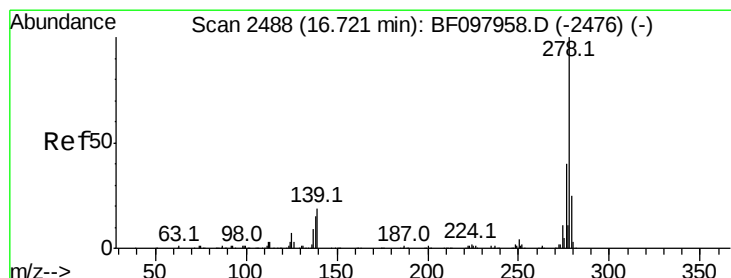
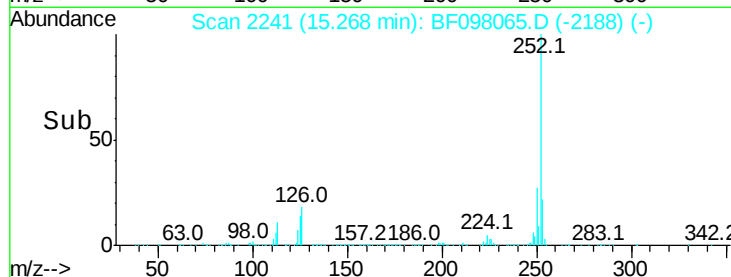
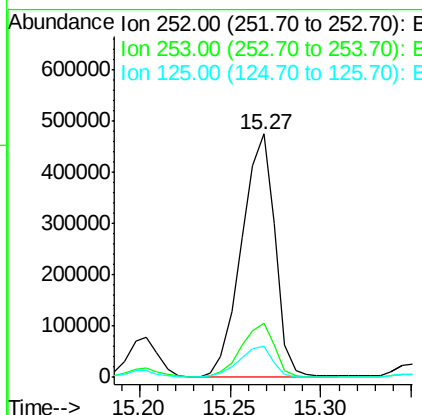
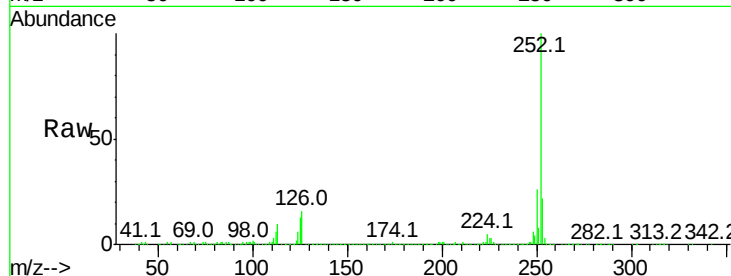




#89  
Benzo(a)pyrene  
Concen: 52.074 ng  
RT: 15.27 min Scan# 2241  
Delta R.T. 0.01 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

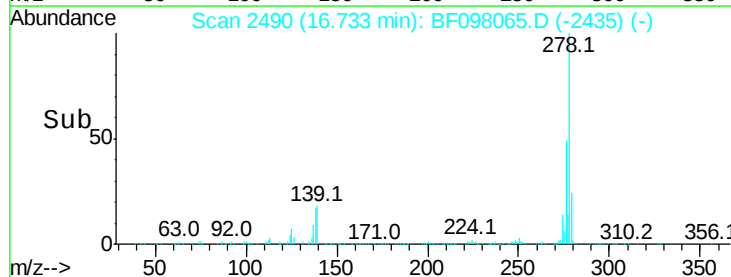
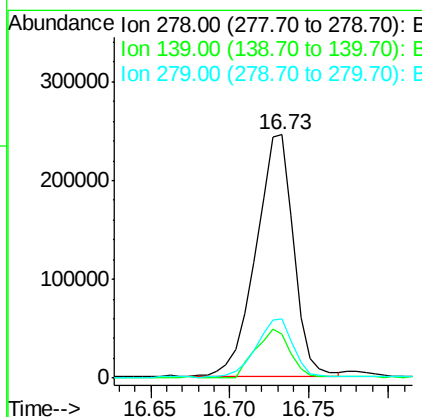
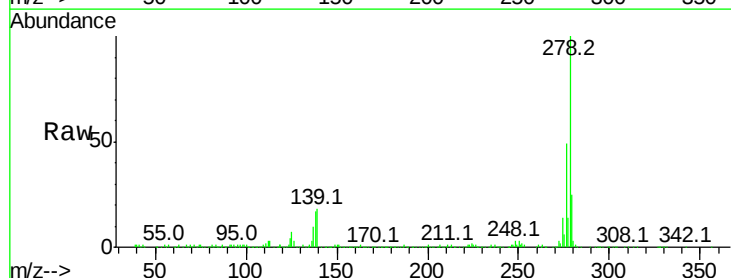
Instrument :  
BNA\_F  
ClientSampleId :  
SB-11-COMPMS

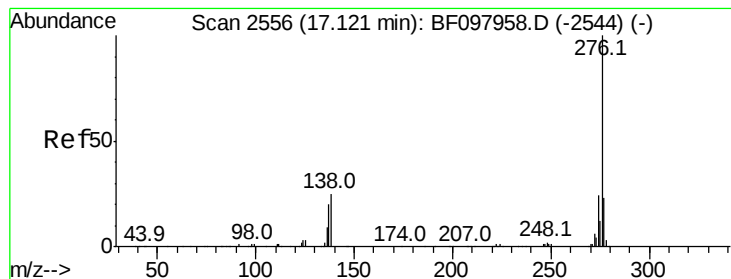
Tot Ion:252 Resp: 605547  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 12.6 11.0 16.4



#90  
Dibenzo(a,h)anthracene  
Concen: 42.522 ng  
RT: 16.73 min Scan# 2490  
Delta R.T. 0.02 min  
Lab File: BF098065.D  
Acq: 28 Aug 2017 13:35

Tgt Ion:278 Resp: 402555  
Ion Ratio Lower Upper  
278 100  
139 17.9 16.6 24.8  
279 24.5 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 44.366 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF098065.D

Acq: 28 Aug 2017 13:35

Instrument :

BNA\_F

ClientSampleId :

SB-11-COMPMS

Tot Ion:276 Resp: 438252

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 24.8 25.4 38.0#

