

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\  
 Data File : BF082368.D  
 Acq On : 19 Oct 2015 21:16  
 Operator : UM/IZ  
 Sample : G3993-02MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

Quant Time: Oct 20 02:06:09 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 20 01:57:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 298296   | 20.00 | ng    | 0.16     |
| 21) Naphthalene-d8        | 8.09  | 136  | 352507   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.85  | 164  | 178433   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.34 | 188  | 349374   | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 14.02 | 240  | 315669   | 20.00 | ng    | -0.07    |
| 86) Perylene-d12          | 15.53 | 264  | 260614   | 20.00 | ng    | -0.14    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.43  | 112 | 544547  | 36.84  | ng | 0.03  |
| 7) Phenol-d6             | 6.47  | 99  | 626958  | 32.60  | ng | 0.02  |
| 23) Nitrobenzene-d5      | 7.38  | 82  | 507134  | 96.61  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.65 | 330 | 183230  | 109.50 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.18  | 172 | 1016928 | 94.51  | ng | 0.00  |
| 78) Terphenyl-d14        | 12.94 | 244 | 1006336 | 84.48  | ng | -0.01 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.50 | 88  | 80268  | 10.81 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 3.13 | 42  | 95203  | 13.00 | ng | # 78   |
| 6) Aniline                     | 6.55 | 93  | 259326 | 10.46 | ng | # 55   |
| 8) 2-Chlorophenol              | 6.61 | 128 | 209277 | 11.60 | ng | 95     |
| 9) Benzaldehyde                | 6.35 | 77  | 49323  | 5.02  | ng | 91     |
| 10) Phenol                     | 6.48 | 94  | 237845 | 10.73 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.55 | 93  | 259326 | 13.83 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 271417 | 12.92 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146 | 240364 | 10.95 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.98 | 146 | 240364 | 11.54 | ng | # 90   |
| 15) Benzyl Alcohol             | 6.98 | 79  | 358538 | 27.00 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.10 | 45  | 362856 | 13.89 | ng | 65     |
| 17) 2-Methylphenol             | 7.25 | 107 | 298106 | 20.89 | ng | # 78   |
| 18) Hexachloroethane           | 7.31 | 117 | 93020  | 12.38 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 7.38 | 70  | 68806  | 5.09  | ng | # 78   |
| 20) 3+4-Methylphenols          | 7.25 | 107 | 298106 | 17.53 | ng | # 62   |
| 22) Acetophenone               | 7.23 | 105 | 339970 | 48.75 | ng | # 88   |
| 24) Nitrobenzene               | 7.41 | 77  | 244061 | 42.95 | ng | # 81   |
| 25) Isophorone                 | 7.65 | 82  | 465077 | 43.90 | ng | 99     |
| 26) 2-Nitrophenol              | 7.71 | 139 | 118738 | 41.85 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 205819 | 45.03 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.85 | 93  | 293853 | 47.67 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.97 | 162 | 202440 | 44.30 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 228377 | 43.36 | ng | 98     |
| 31) Naphthalene                | 8.11 | 128 | 674015 | 44.11 | ng | 100    |
| 32) Benzoic acid               | 7.94 | 122 | 276362 | 90.09 | ng | 98     |
| 33) 4-Chloroaniline            | 8.19 | 127 | 20876  | 3.29  | ng | # 91   |
| 34) Hexachlorobutadiene        | 8.23 | 225 | 138364 | 42.16 | ng | 97     |
| 35) Caprolactam                | 8.61 | 113 | 54205  | 40.88 | ng | # 74   |
| 36) 4-Chloro-3-methylphenol    | 8.67 | 107 | 197778 | 44.26 | ng | # 83   |
| 37) 2-Methylnaphthalene        | 8.81 | 142 | 505481 | 47.72 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.98 | 216 | 225349 | 42.46 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.96 | 237 | 164271 | 63.12 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 9.10 | 196 | 149543 | 42.42 | ng | 99     |

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

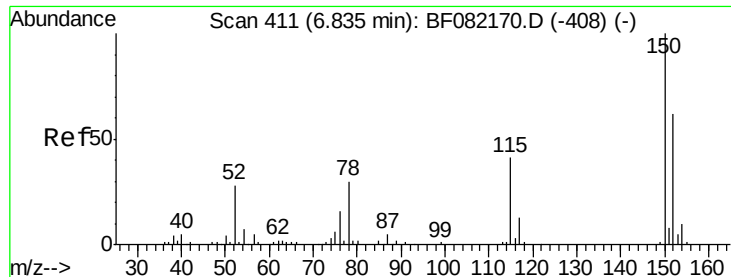
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

Quant Time: Oct 20 02:06:09 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 20 01:57:16 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.14  | 196  | 153365   | 40.16  | nq    | # 91     |
| 45) 1,1'-Biphenyl              | 9.28  | 154  | 655794   | 48.20  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.30  | 162  | 499170   | 46.60  | nq    | 96       |
| 47) 2-Nitroaniline             | 9.41  | 65   | 137571   | 46.78  | nq    | 92       |
| 48) Acenaphthylene             | 9.71  | 152  | 715498   | 42.88  | nq    | 100      |
| 49) Dimethylphthalate          | 9.59  | 163  | 695167   | 55.33  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.65  | 165  | 121896   | 45.98  | nq    | # 70     |
| 51) Acenaphthene               | 9.89  | 154  | 433059   | 43.23  | nq    | 99       |
| 52) 3-Nitroaniline             | 9.82  | 138  | 34352    | 11.47  | nq    | # 80     |
| 53) 2,4-Dinitrophenol          | 9.93  | 184  | 128581   | 86.25  | nq    | 98       |
| 54) Dibenzofuran               | 10.06 | 168  | 632282   | 45.98  | nq    | 96       |
| 55) 4-Nitrophenol              | 10.00 | 139  | 132786   | 68.21  | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 10.06 | 165  | 179808   | 54.26  | nq    | 94       |
| 57) Fluorene                   | 10.40 | 166  | 511917   | 45.32  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.18 | 232  | 128771   | 41.27  | nq    | 97       |
| 59) Diethylphthalate           | 10.29 | 149  | 617874   | 52.76  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.40 | 204  | 272025   | 52.57  | nq    | # 84     |
| 61) 4-Nitroaniline             | 10.43 | 138  | 113953   | 39.23  | nq    | 91       |
| 62) Azobenzene                 | 10.56 | 77   | 571740   | 49.88  | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 10.47 | 198  | 83683    | 42.68  | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.53 | 169  | 487398   | 46.59  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.89 | 248  | 159854   | 45.72  | nq    | # 85     |
| 67) Hexachlorobenzene          | 10.95 | 284  | 164242   | 43.43  | nq    | # 73     |
| 68) Atrazine                   | 11.05 | 200  | 127855   | 38.58  | nq    | 99       |
| 69) Pentachlorophenol          | 11.15 | 266  | 167211   | 85.93  | nq    | 100      |
| 70) Phenanthrene               | 11.37 | 178  | 857113   | 50.05  | nq    | 99       |
| 71) Anthracene                 | 11.42 | 178  | 803299   | 45.52  | nq    | 99       |
| 72) Carbazole                  | 11.58 | 167  | 704920   | 43.79  | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.91 | 149  | 943068   | 47.49  | nq    | 100      |
| 74) Fluoranthene               | 12.56 | 202  | 935632   | 50.87  | nq    | 99       |
| 77) Pyrene                     | 12.79 | 202  | 929474   | 49.62  | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.42 | 149  | 397029   | 46.44  | nq    | 95       |
| 80) Benzo(a)anthracene         | 14.01 | 228  | 726024   | 44.20  | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.98 | 252  | 92854    | 14.89  | nq    | 99       |
| 82) Chrysene                   | 14.06 | 228  | 759493   | 43.89  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 577957   | 47.38  | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.68 | 149  | 971772   | 46.39  | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 617409   | 44.89  | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.16 | 252  | 1338496  | 84.42  | nq    | # 97     |
| 88) Benzo(k)fluoranthene       | 15.16 | 252  | 1339580  | 100.52 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 620329   | 45.52  | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 16.98 | 278  | 517598   | 46.35  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.40 | 276  | 508863   | 46.91  | nq    | 99       |

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



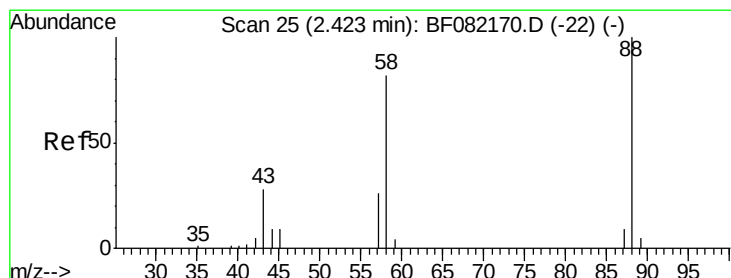
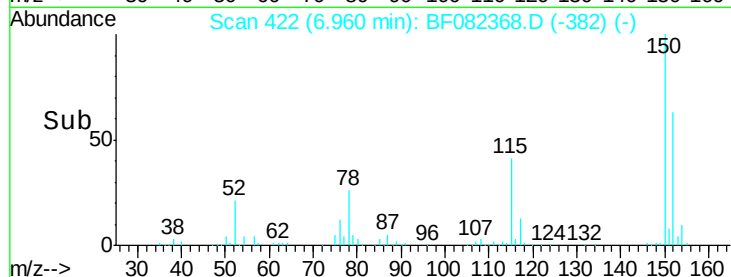
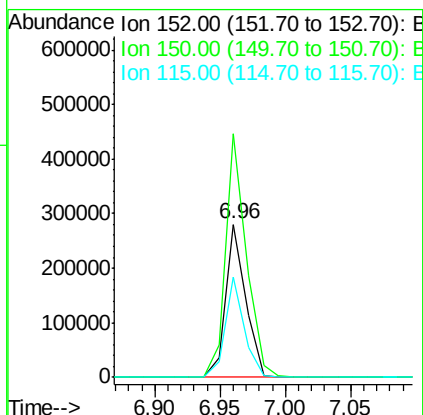
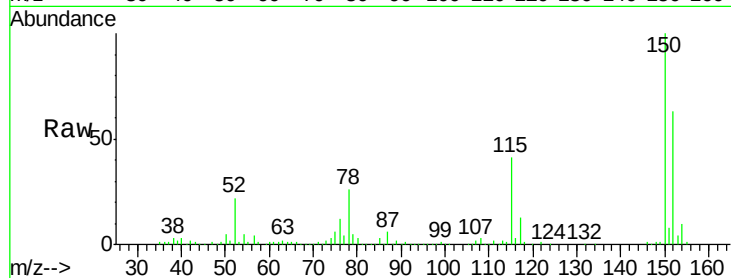


#1

1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.96 min Scan# 422  
 Delta R.T. 0.16 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

Instrument :  
 BNA\_F  
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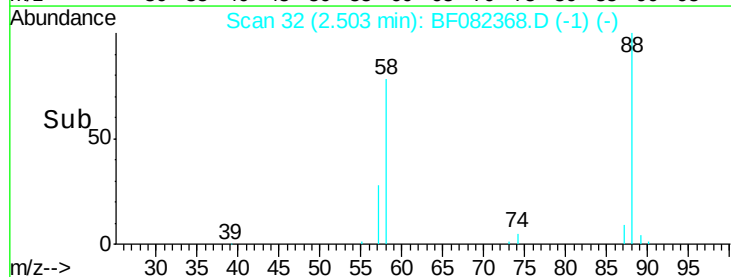
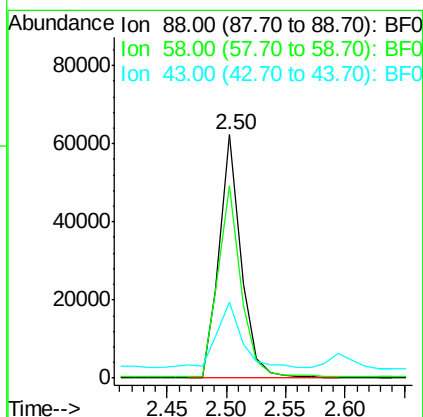
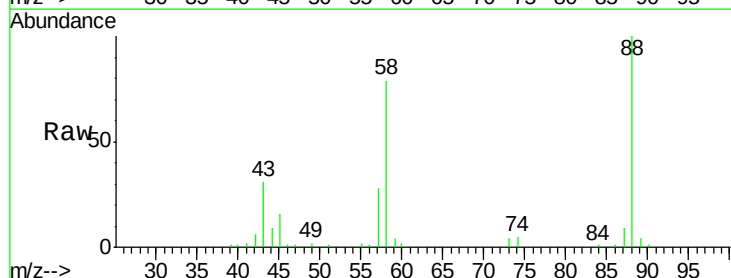
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.3 | 129.0 | 193.4 |
| 115     | 65.4  | 52.1  | 78.1  |

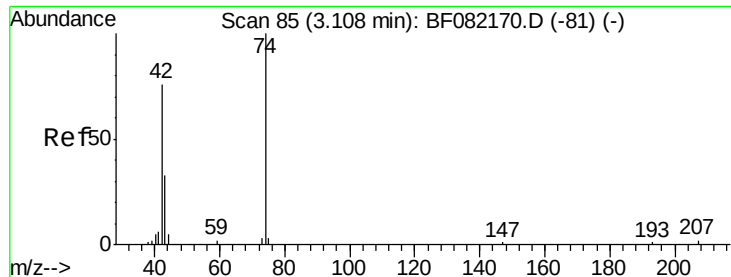


#2

1,4-Dioxane  
 Concen: 10.81 ng  
 RT: 2.50 min Scan# 32  
 Delta R.T. 0.16 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 81.2  | 66.2  | 99.4  |
| 43      | 0.0   | 23.0  | 34.4# |





#4

n-Nitrosodimethylamine

Concen: 13.00 ng

RT: 3.13 min Scan# 87

Delta R.T. 0.10 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

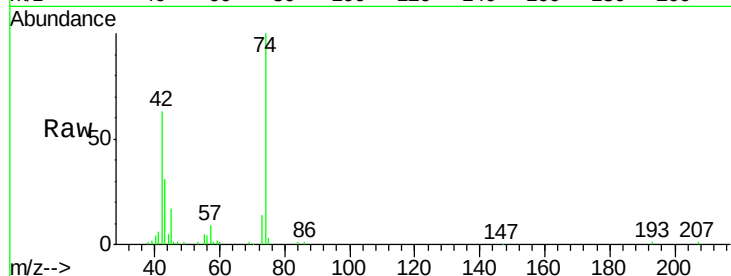
Tot Ion: 42 Resp: 95203

Ion Ratio Lower Upper

42 100

74 158.9 105.7 158.5#

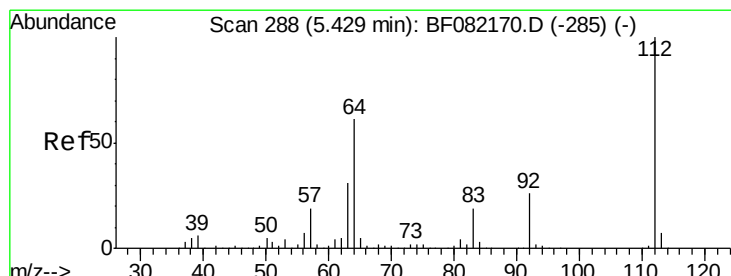
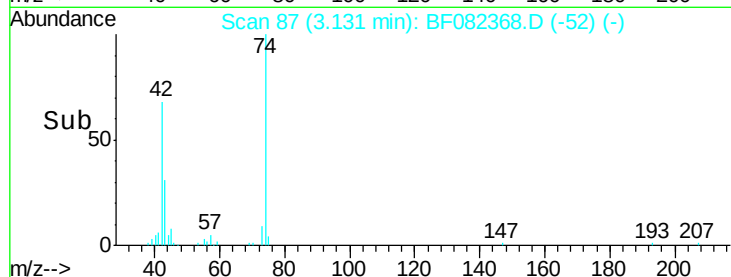
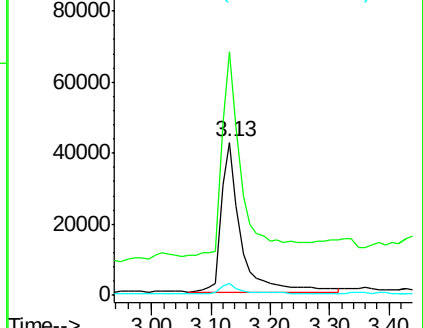
44 8.2 5.4 8.2#



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: 36.84 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

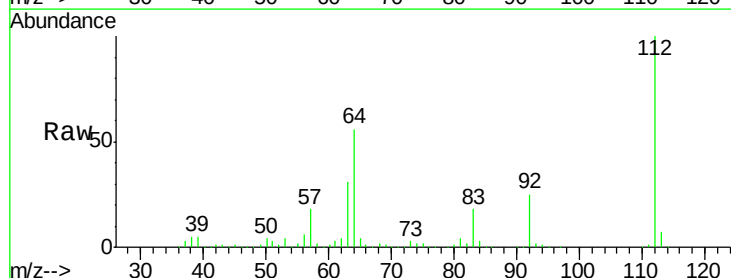
Tgt Ion: 112 Resp: 544547

Ion Ratio Lower Upper

112 100

64 56.3 48.6 73.0

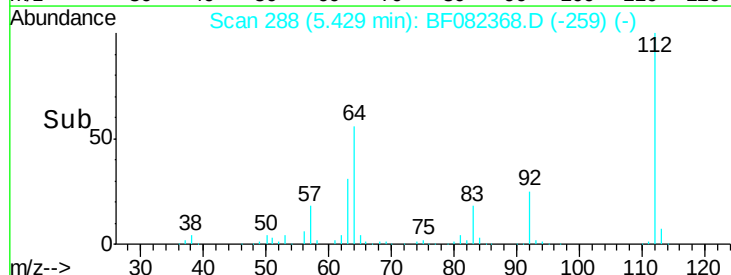
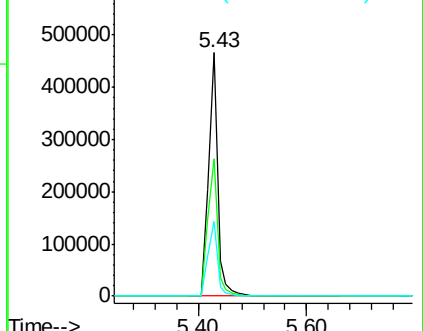
63 30.5 25.1 37.7

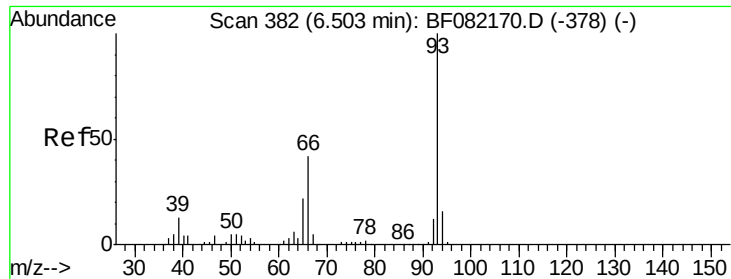


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 10.46 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.08 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

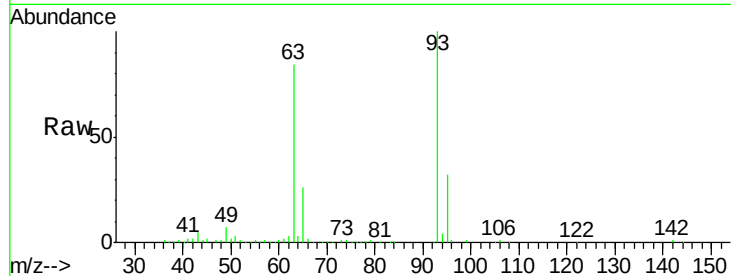
Tot Ion: 93 Resp: 259326

Ion Ratio Lower Upper

93 100

66 1.6 34.2 51.2#

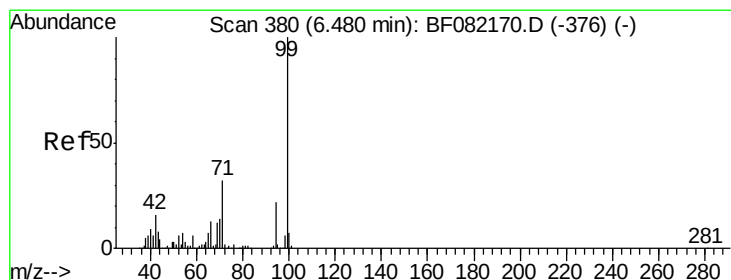
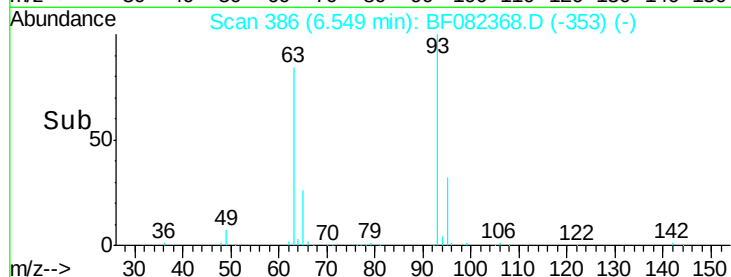
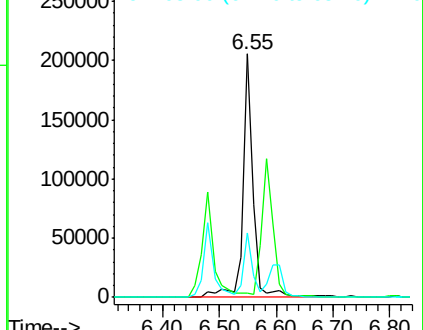
65 26.2 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 32.60 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.02 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

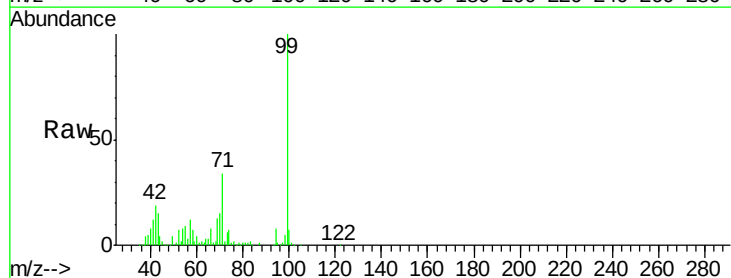
Tgt Ion: 99 Resp: 626958

Ion Ratio Lower Upper

99 100

42 18.7 13.2 19.8

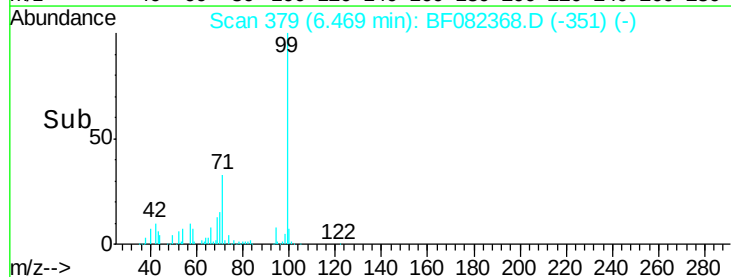
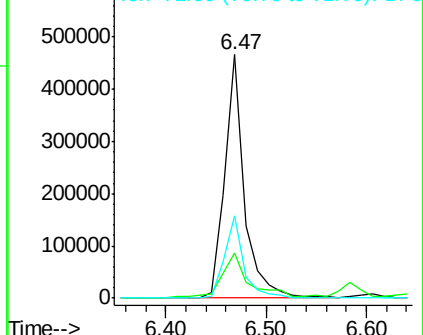
71 33.6 25.6 38.4

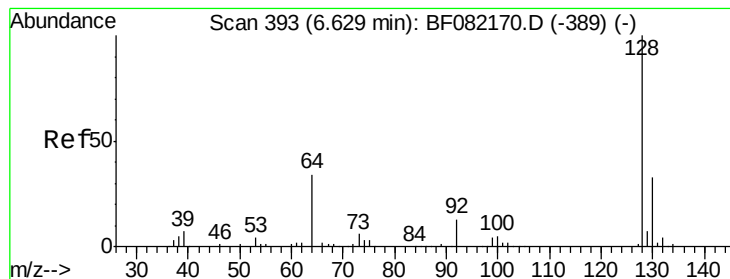


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 11.60 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF082368.D

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Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

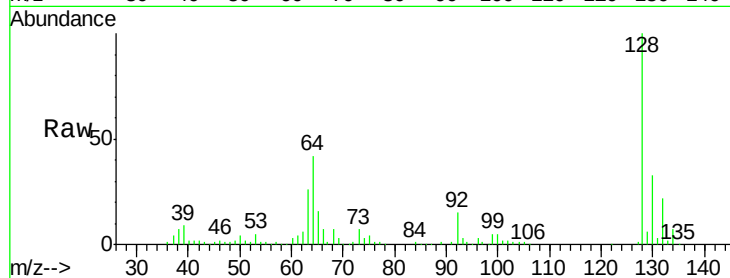
Tot Ion:128 Resp: 209277

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

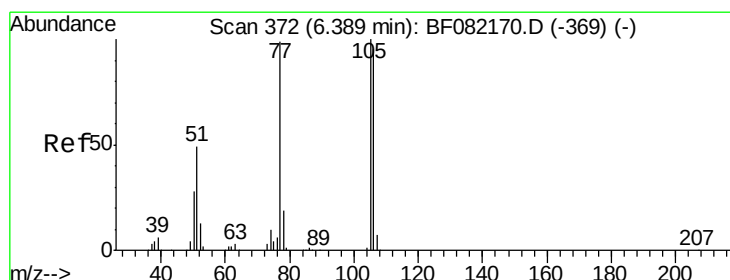
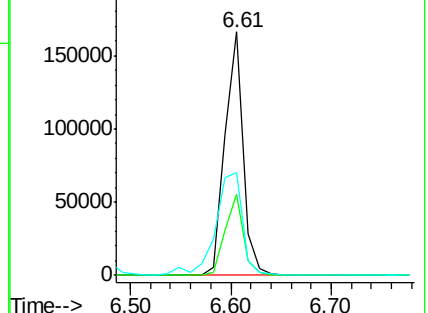
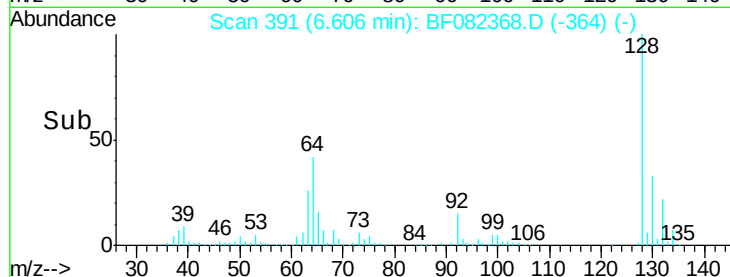
64 42.0 16.7 56.7



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: 5.02 ng

RT: 6.35 min Scan# 369

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

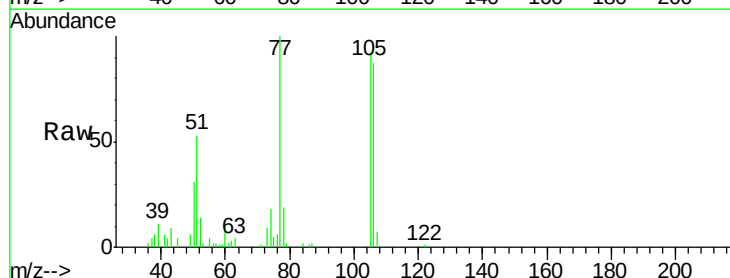
Tgt Ion: 77 Resp: 49323

Ion Ratio Lower Upper

77 100

105 91.6 80.6 120.6

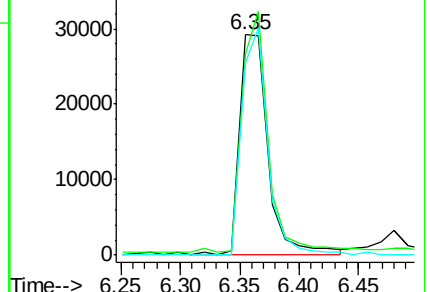
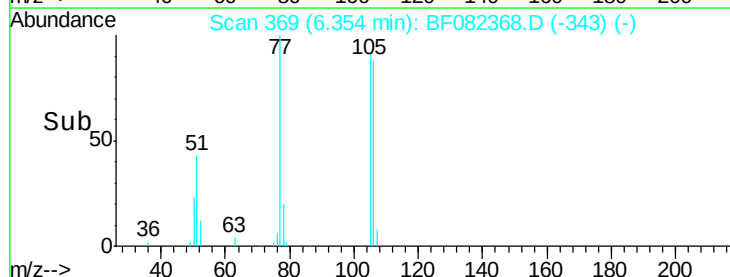
106 87.4 75.5 115.5



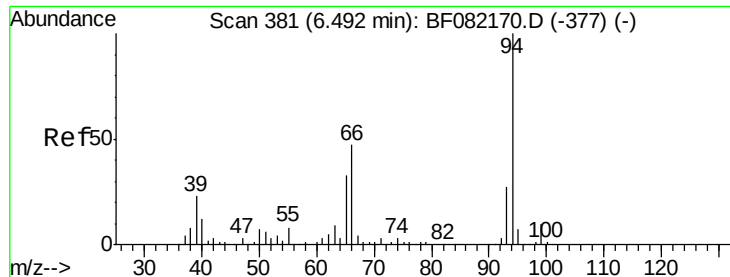
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E







#10

Phenol

Concen: 10.73 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

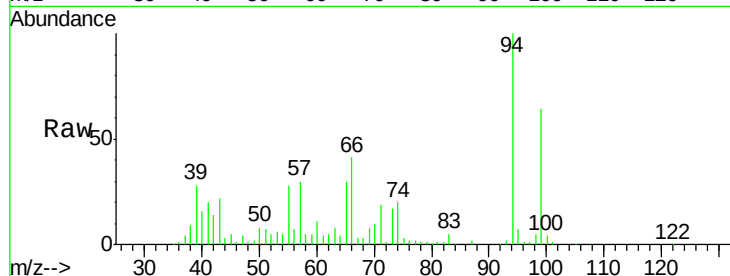
Tot Ion: 94 Resp: 237845

Ion Ratio Lower Upper

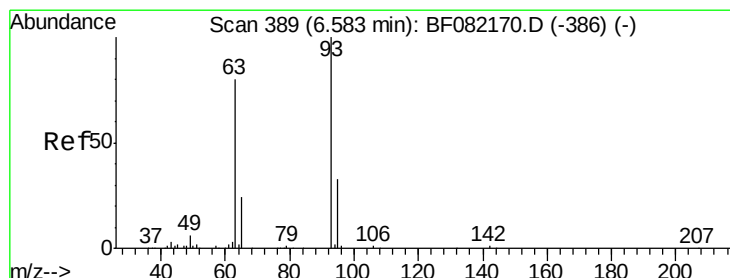
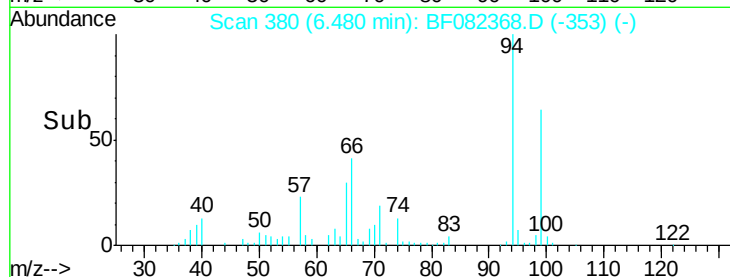
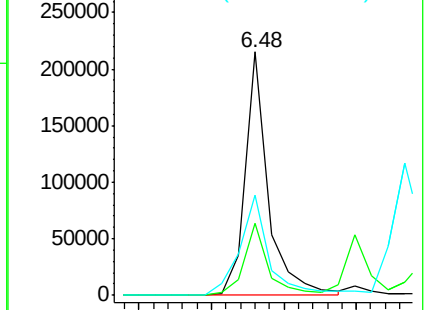
94 100

65 29.5 12.6 52.6

66 41.2 27.3 67.3



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: 13.83 ng

RT: 6.55 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

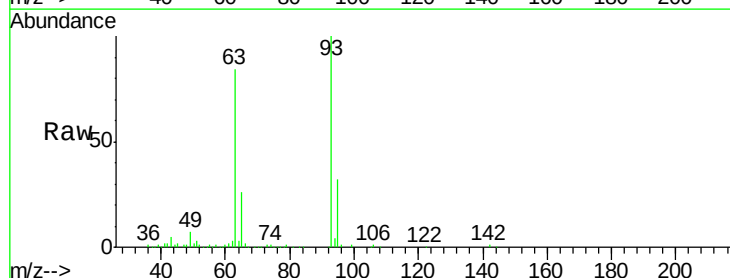
Tgt Ion: 93 Resp: 259326

Ion Ratio Lower Upper

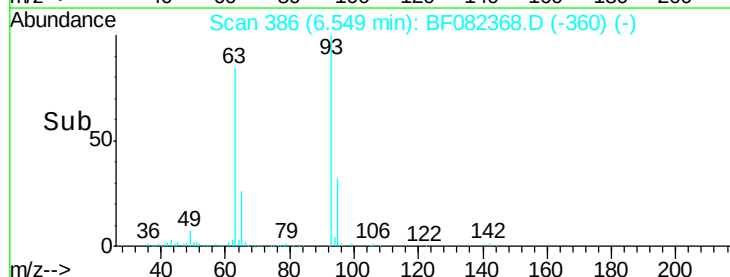
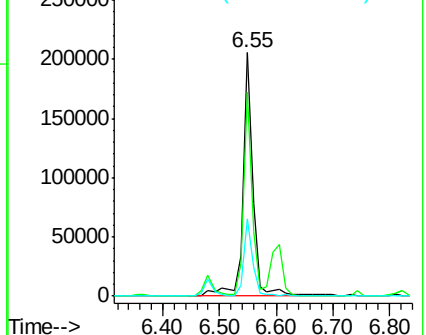
93 100

63 83.8 57.1 97.1

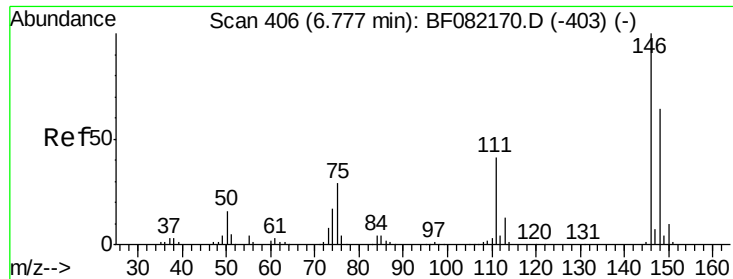
95 31.7 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0



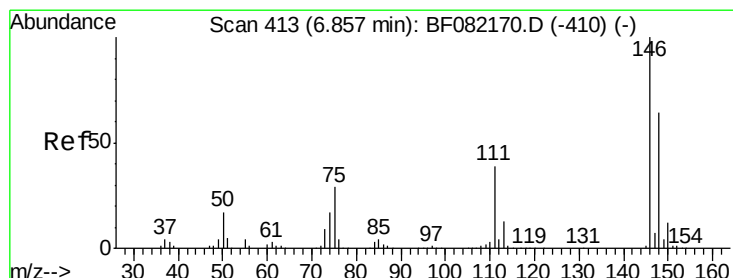
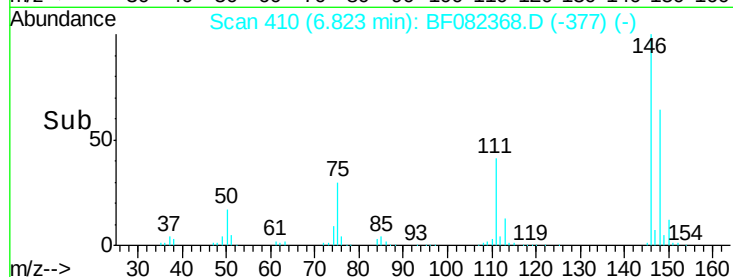
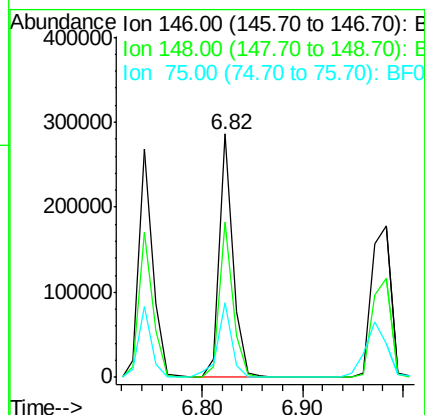
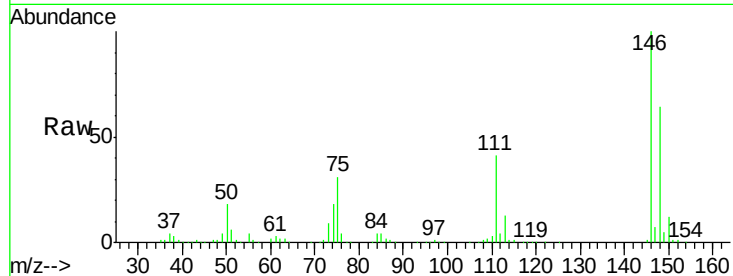




#12  
 1,3-Dichlorobenzene  
 Concen: 12.92 ng  
 RT: 6.82 min Scan# 410  
 Delta R.T. 0.08 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

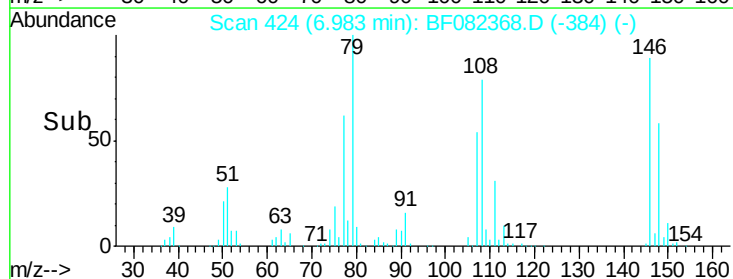
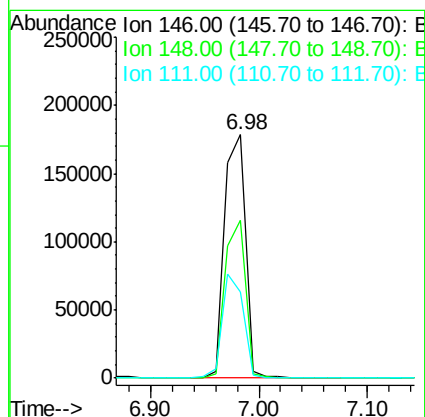
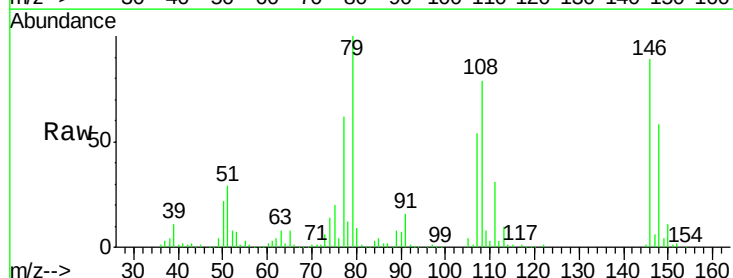
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

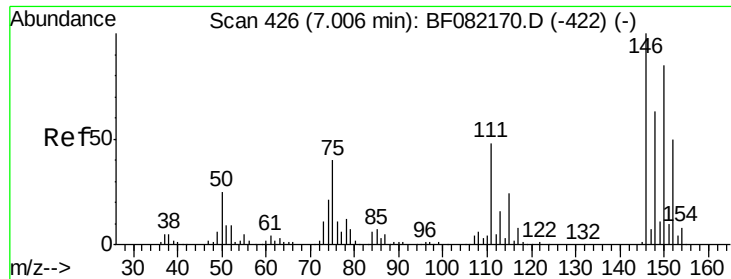
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 51.4  | 77.2  |
| 75      | 30.7  | 23.0  | 34.6  |



#13  
 1,4-Dichlorobenzene  
 Concen: 10.95 ng  
 RT: 6.98 min Scan# 424  
 Delta R.T. 0.16 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 51.0  | 76.4  |
| 111     | 35.1  | 31.1  | 46.7  |

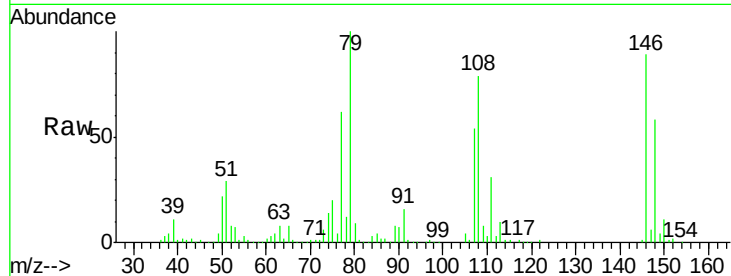




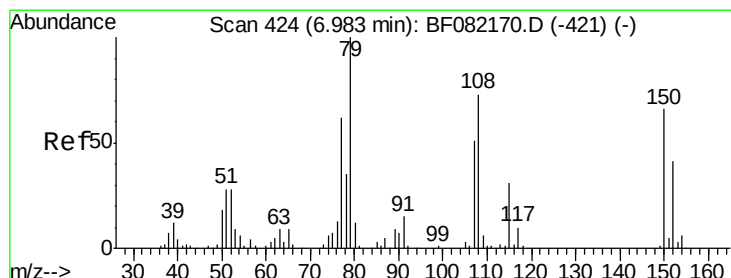
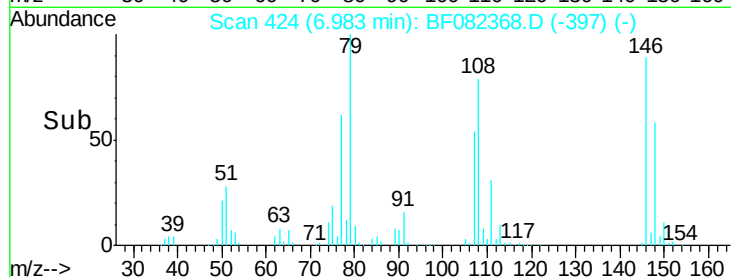
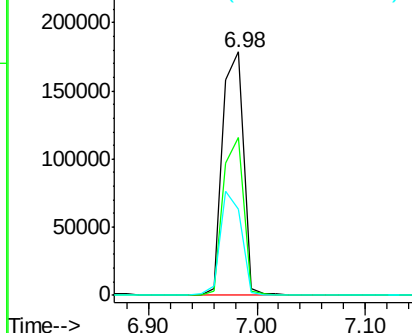
#14  
 1,2-Dichlorobenzene  
 Concen: 11.54 ng  
 RT: 6.98 min Scan# 424  
 Delta R.T. 0.01 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

Tot Ion:146 Resp: 240364  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 50.5 75.7  
 111 35.1 38.5 57.7#

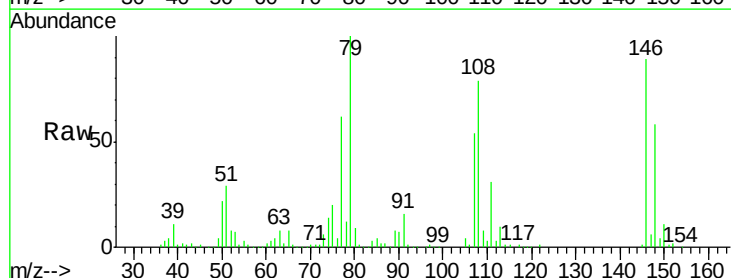


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

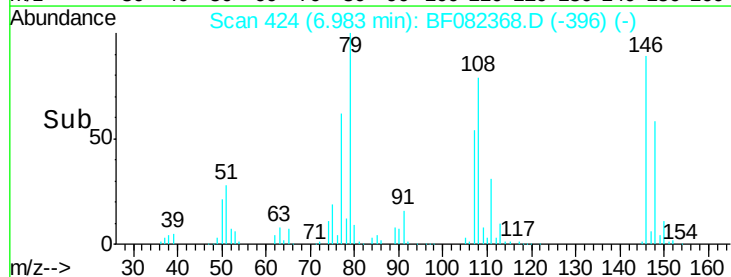
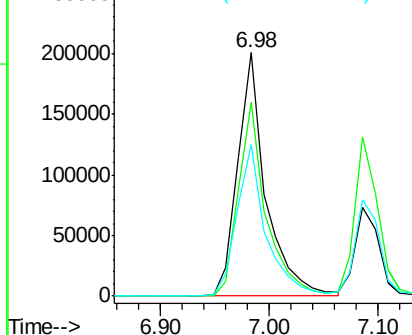


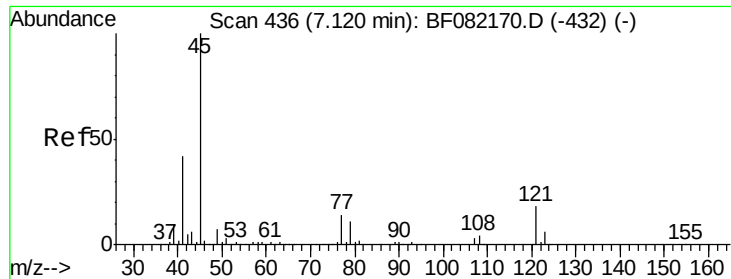
#15  
 Benzyl Alcohol  
 Concen: 27.00 ng  
 RT: 6.98 min Scan# 424  
 Delta R.T. 0.02 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

Tgt Ion: 79 Resp: 358538  
 Ion Ratio Lower Upper  
 79 100  
 108 79.3 58.4 87.6  
 77 62.2 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BF0

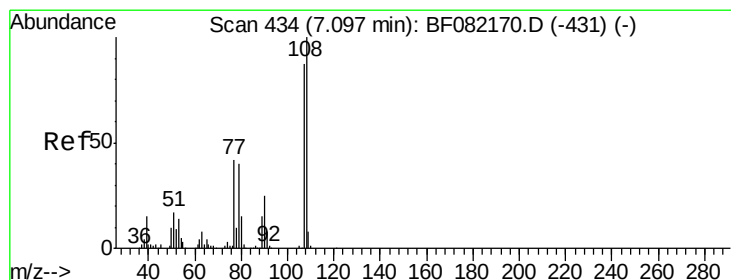
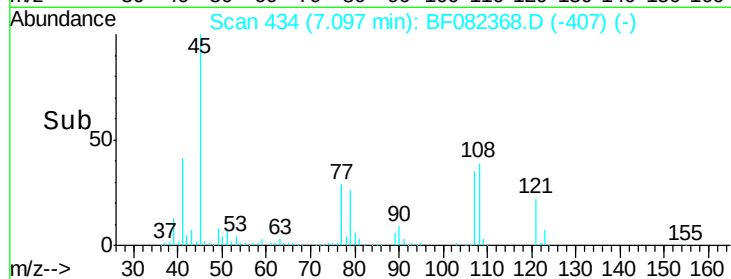
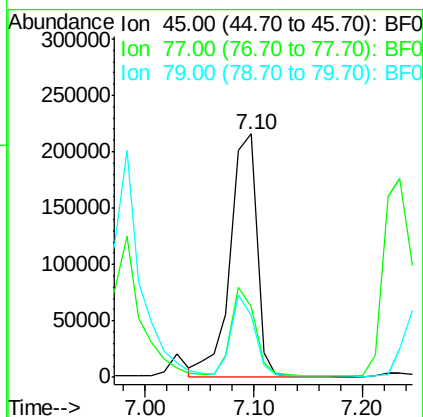
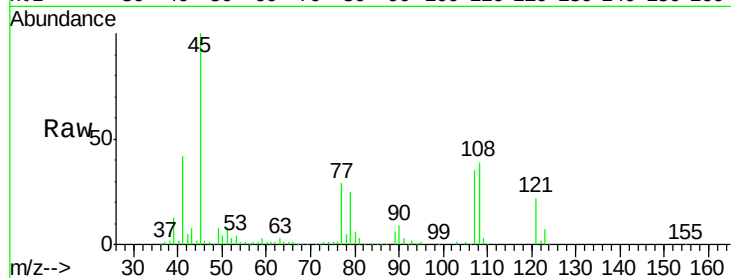




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 13.89 ng  
RT: 7.10 min Scan# 434  
Delta R.T. 0.01 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

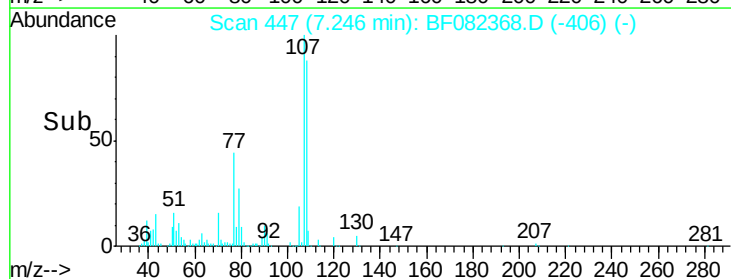
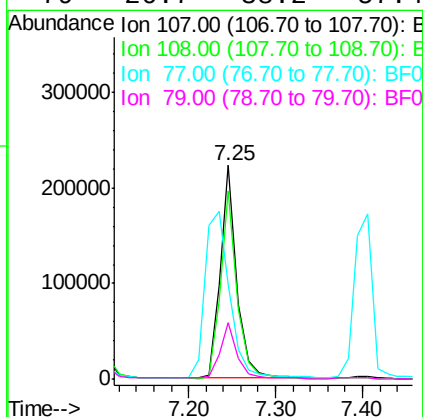
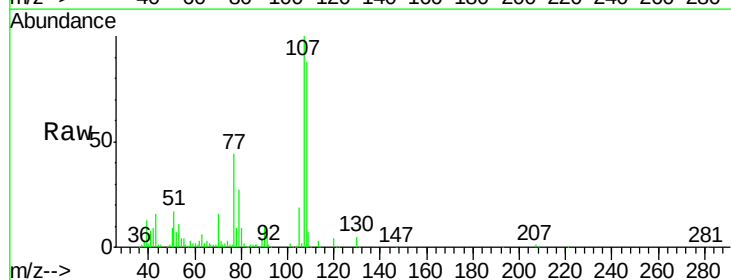
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

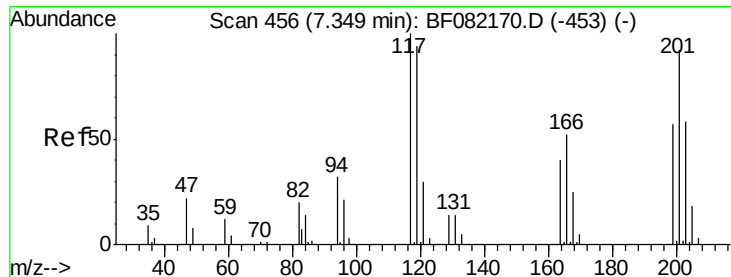
| Tot Ion   | 45   | Resp  | 362856 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 28.9 | 0.0   | 34.5   |
| 79        | 25.4 | 0.0   | 31.6   |



#17  
2-Methylphenol  
Concen: 20.89 ng  
RT: 7.25 min Scan# 447  
Delta R.T. 0.17 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

| Tgt Ion   | 107  | Resp  | 298106 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 108       | 88.2 | 92.2  | 138.2# |
| 77        | 44.4 | 39.6  | 59.4   |
| 79        | 26.7 | 38.2  | 57.4#  |

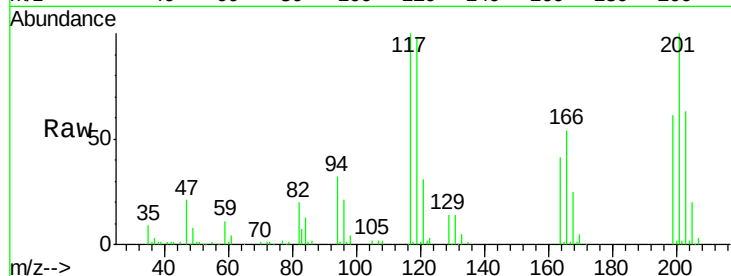




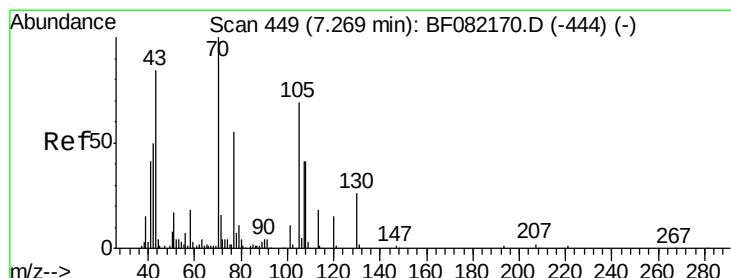
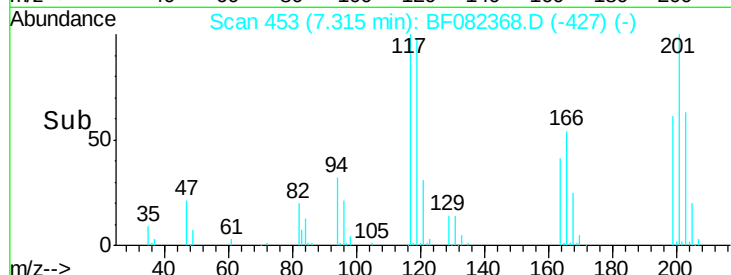
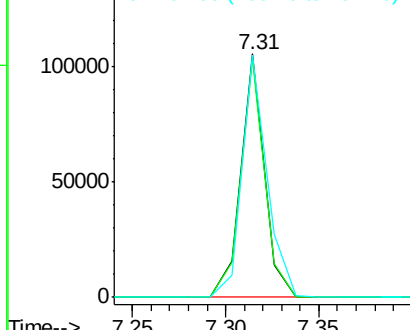
#18  
Hexachloroethane  
Concen: 12.38 ng  
RT: 7.31 min Scan# 453  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

Tot Ion:117 Resp: 93020  
Ion Ratio Lower Upper  
117 100  
119 98.1 75.4 113.2  
201 99.7 73.4 110.0

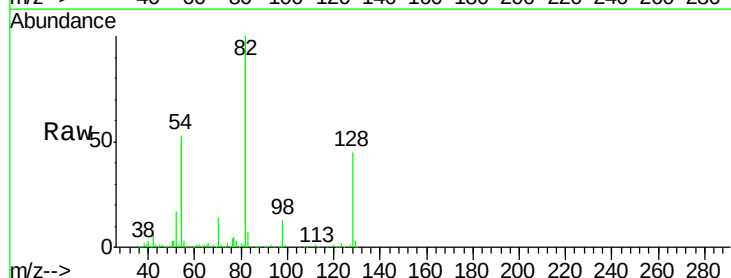


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

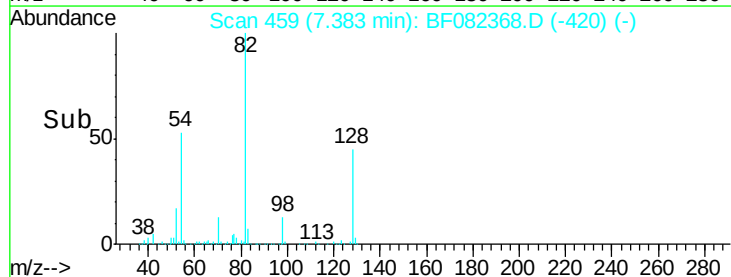
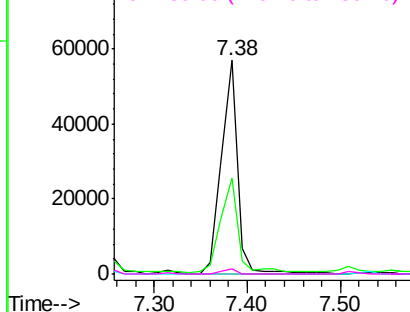


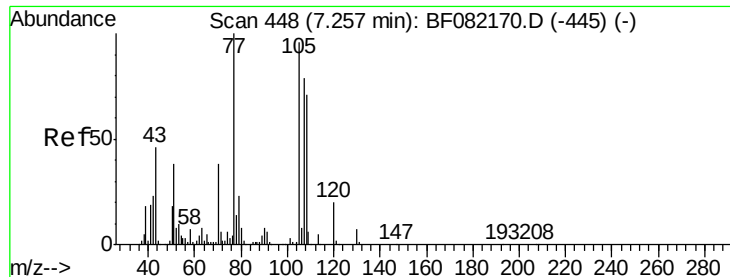
#19  
n-Nitroso-di-n-propylamine  
Concen: 5.09 ng  
RT: 7.38 min Scan# 459  
Delta R.T. 0.15 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion: 70 Resp: 68806  
Ion Ratio Lower Upper  
70 100  
42 44.8 39.8 59.8  
101 0.0 8.6 13.0#  
130 2.2 20.5 30.7#



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): E  
Ion 130.00 (129.70 to 130.70): E

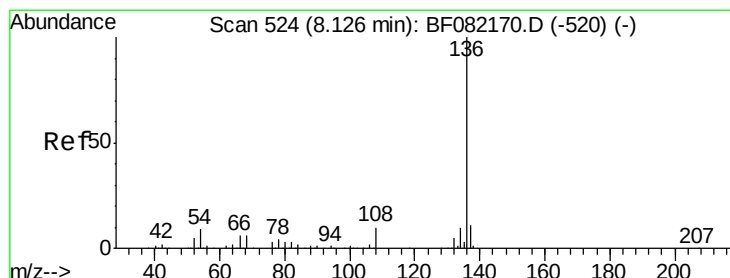
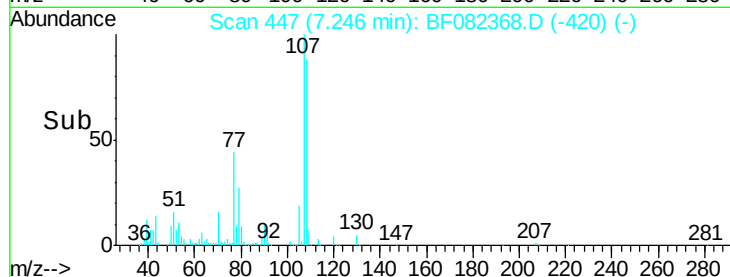
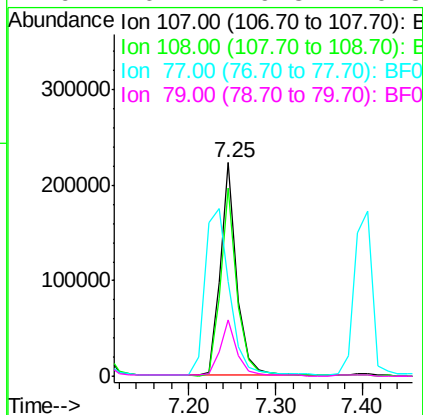
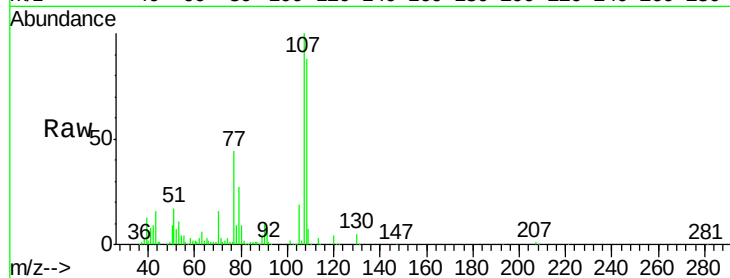




#20  
3+4-Methylphenols  
Concen: 17.53 ng  
RT: 7.25 min Scan# 447  
Delta R.T. 0.01 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

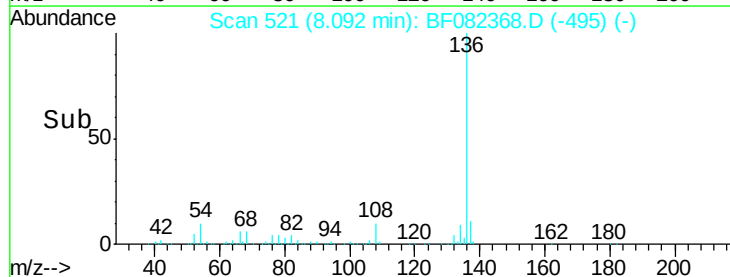
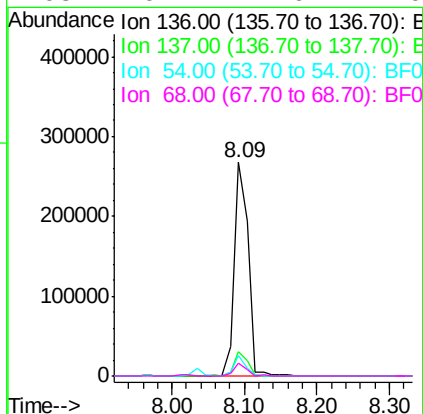
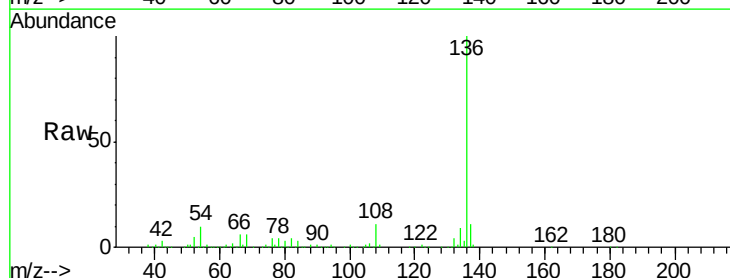
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

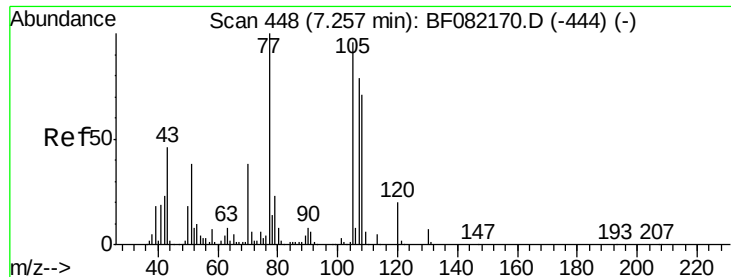
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 88.2  | 69.9  | 109.9  |
| 77      | 44.4  | 106.0 | 146.0# |
| 79      | 26.7  | 9.8   | 49.8   |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.09 min Scan# 521  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.4  | 9.0   | 13.6  |
| 54      | 9.5   | 7.5   | 11.3  |
| 68      | 6.2   | 4.6   | 7.0   |





#22

Acetophenone

Concen: 48.75 ng

RT: 7.23 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

Tot Ion:105 Resp: 339970

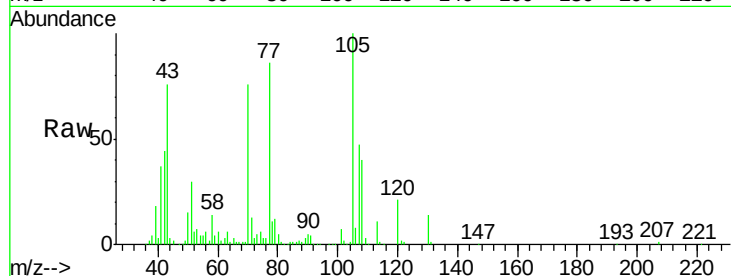
Ion Ratio Lower Upper

105 100

71 12.9 5.4 8.0#

51 30.2 31.8 47.6#

120 21.4 16.3 24.5

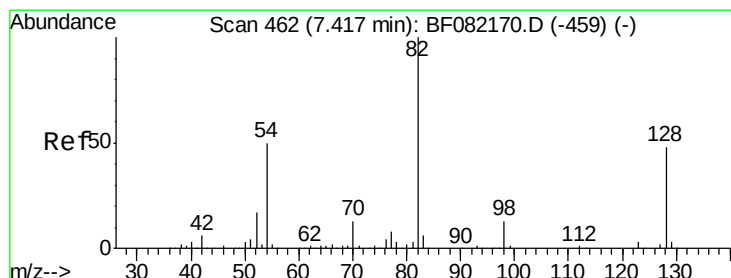
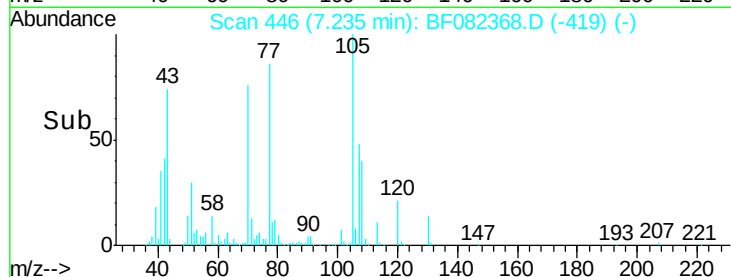
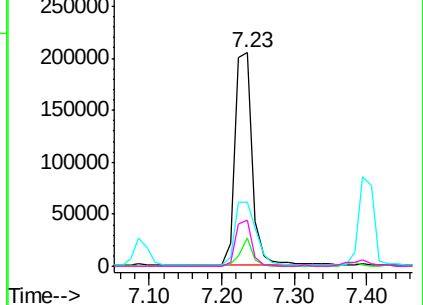


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 96.61 ng

RT: 7.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

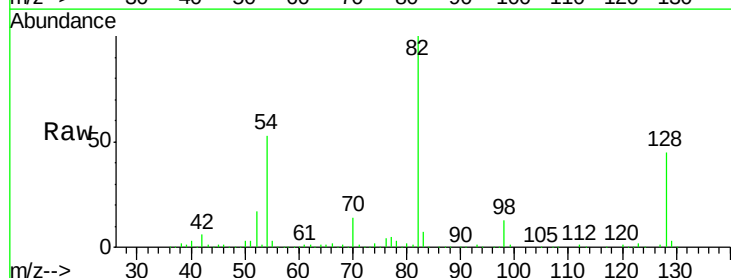
Tgt Ion: 82 Resp: 507134

Ion Ratio Lower Upper

82 100

128 44.9 38.7 58.1

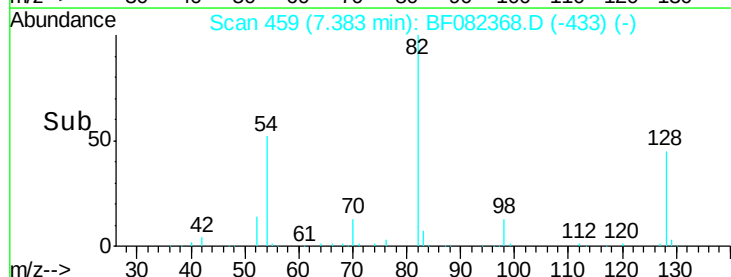
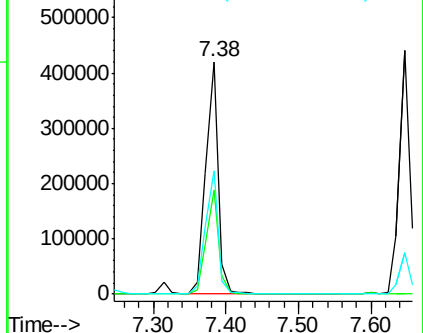
54 53.2 40.1 60.1

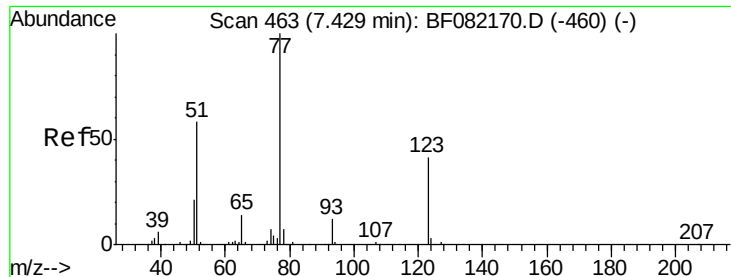


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 42.95 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

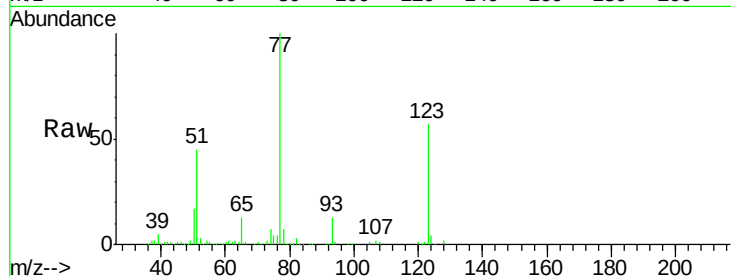
Tot Ion: 77 Resp: 244061

Ion Ratio Lower Upper

77 100

123 56.5 33.0 49.4#

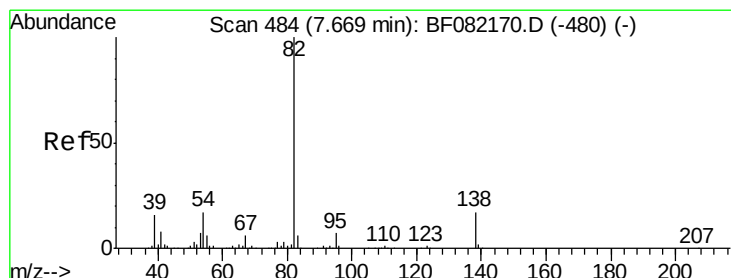
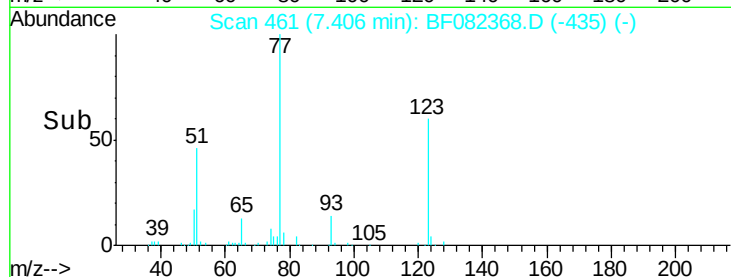
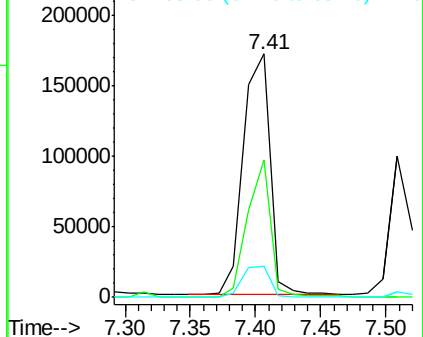
65 12.5 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 43.90 ng

RT: 7.65 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

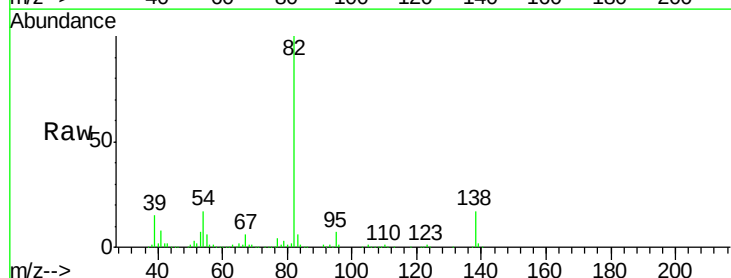
Tgt Ion: 82 Resp: 465077

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

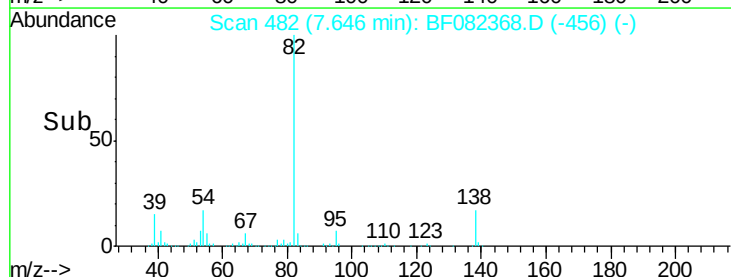
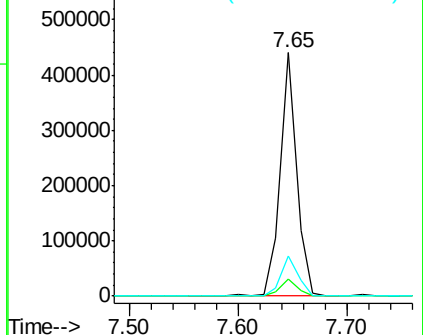
138 16.6 13.6 20.4



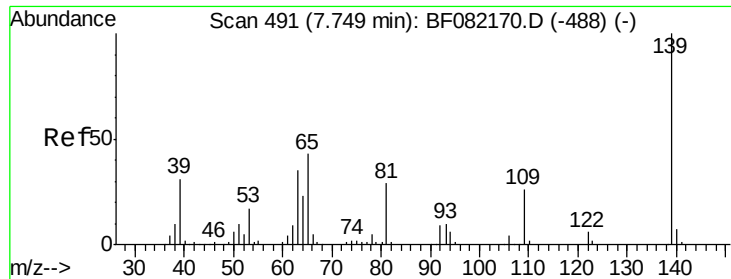
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



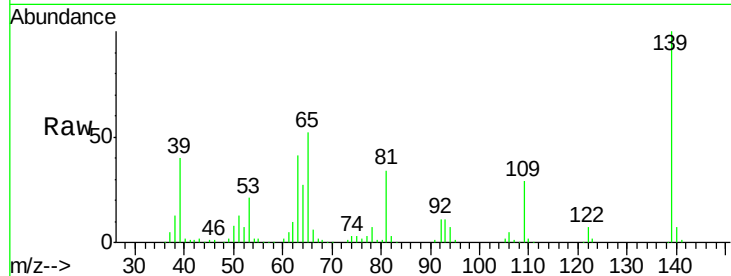




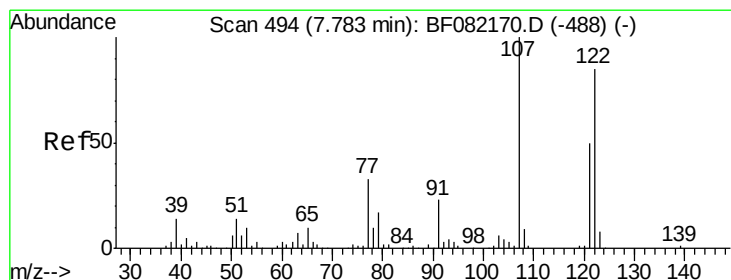
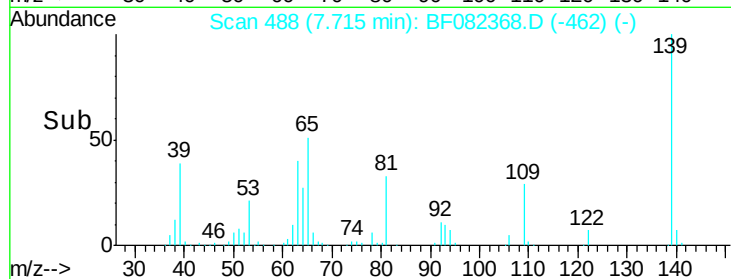
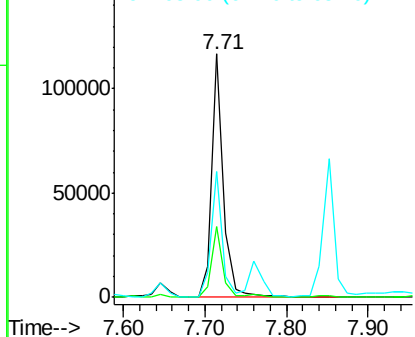
#26  
2-Nitrophenol  
Concen: 41.85 ng  
RT: 7.71 min Scan# 488  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 29.1  | 20.6  | 31.0  |
| 65      | 51.8  | 34.3  | 51.5  |

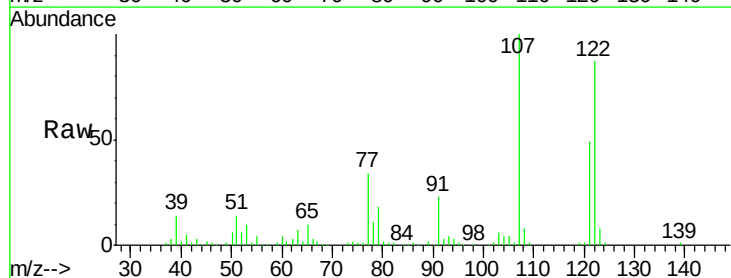


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): E

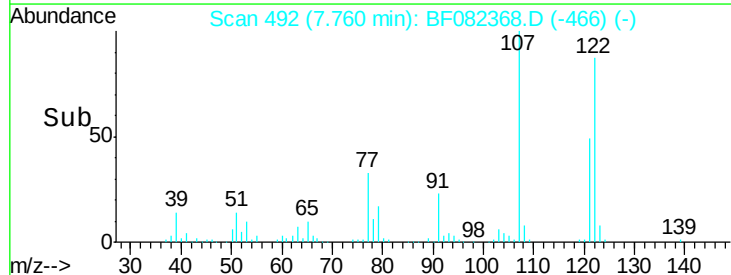
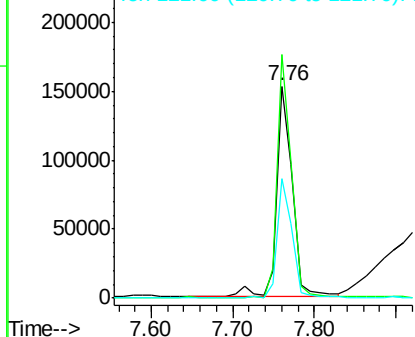


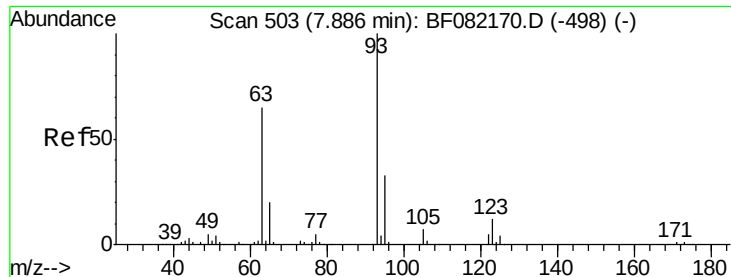
#27  
2,4-Dimethylphenol  
Concen: 45.03 ng  
RT: 7.76 min Scan# 492  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.8 | 94.0  | 141.0 |
| 121     | 56.4  | 46.8  | 70.2  |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

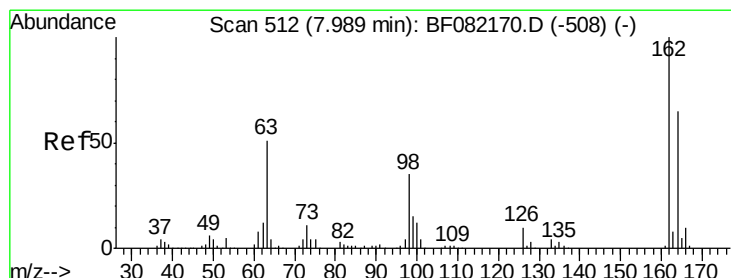
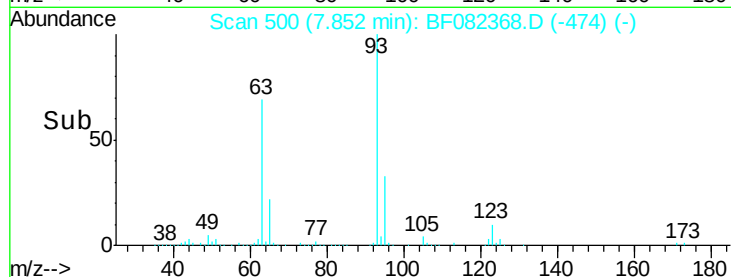
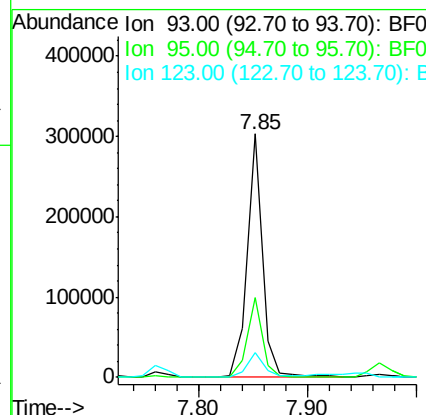
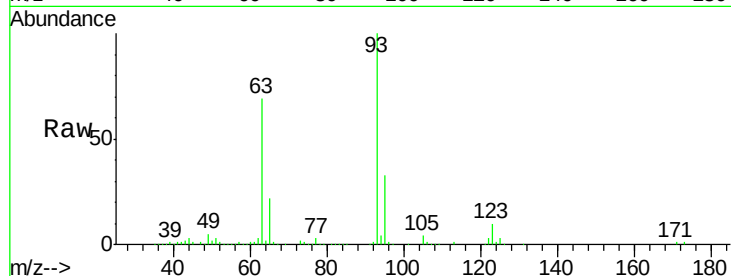




#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.67 ng  
 RT: 7.85 min Scan# 500  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

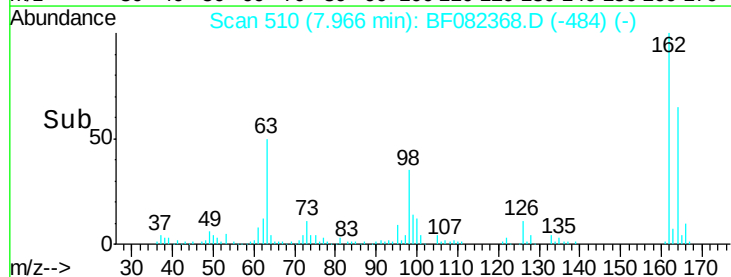
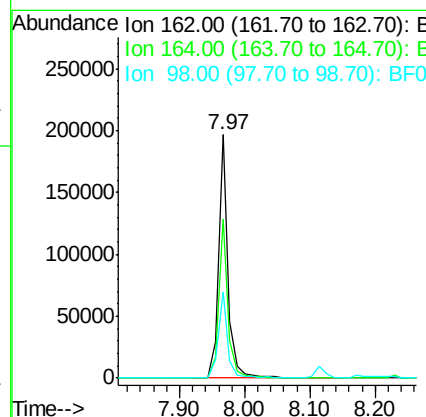
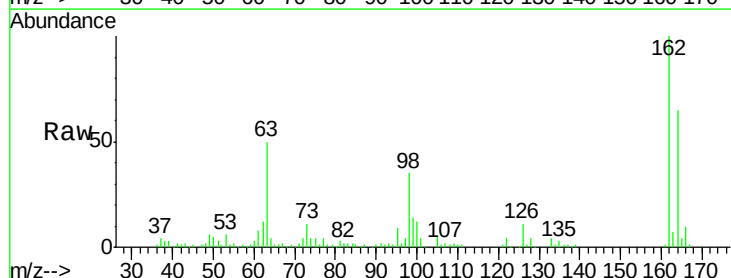
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

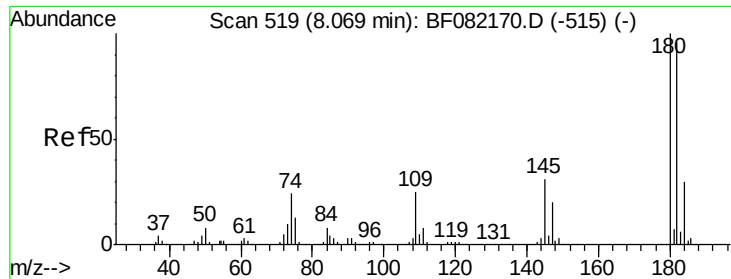
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.0  | 26.6  | 39.8  |
| 123     | 10.3  | 9.5   | 14.3  |



#29  
 2,4-Dichlorophenol  
 Concen: 44.30 ng  
 RT: 7.97 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.2  | 44.6  | 84.6  |
| 98      | 35.2  | 15.0  | 55.0  |

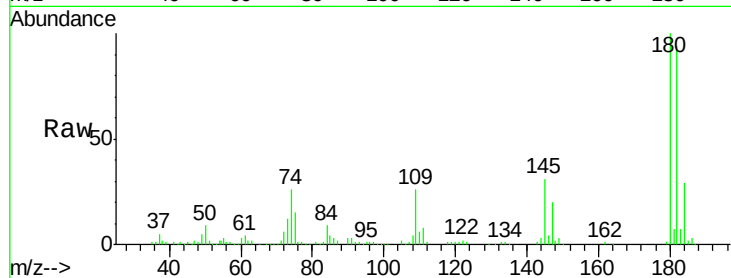




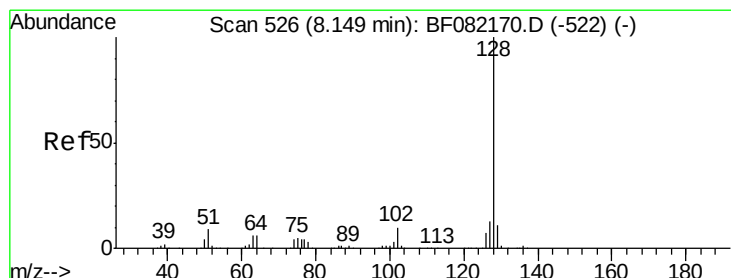
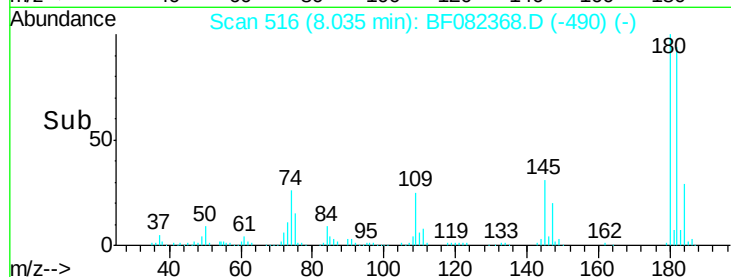
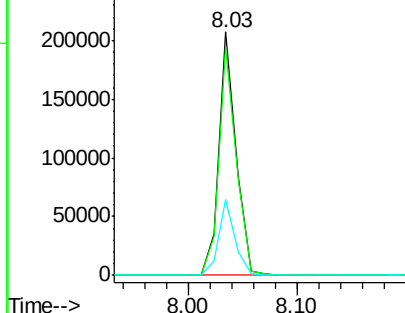
#30  
1,2,4-Trichlorobenzene  
Concen: 43.36 ng  
RT: 8.03 min Scan# 516  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

Tot Ion:180 Resp: 228377  
Ion Ratio Lower Upper  
180 100  
182 93.6 77.0 115.4  
145 31.2 25.0 37.4

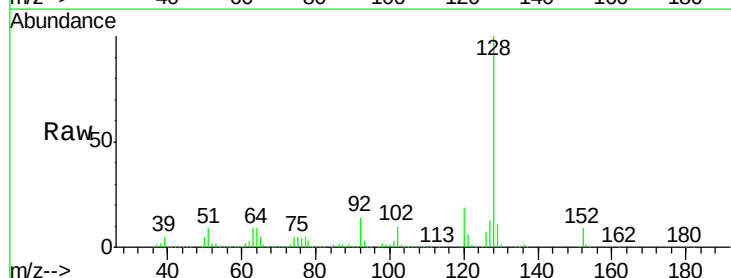


Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

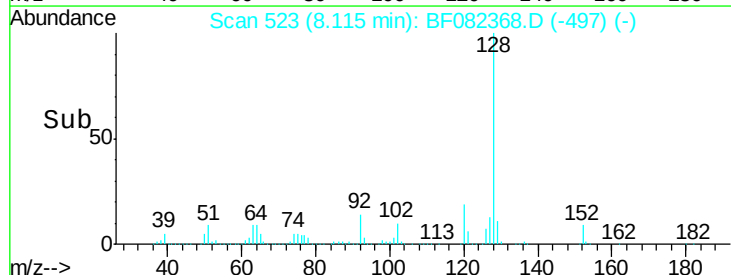
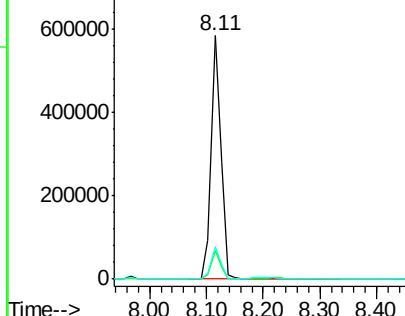


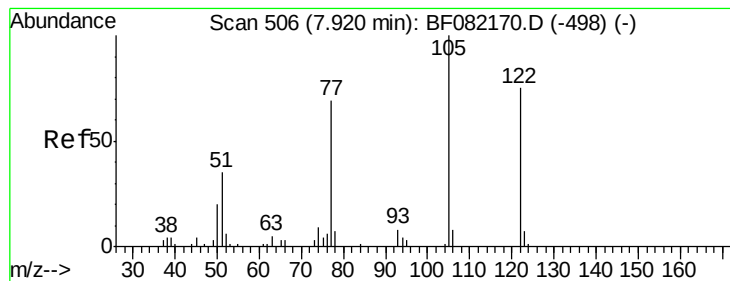
#31  
Naphthalene  
Concen: 44.11 ng  
RT: 8.11 min Scan# 523  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:128 Resp: 674015  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.1 13.7  
127 13.3 10.7 16.1



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: 90.09 ng

RT: 7.94 min Scan# 508

Delta R.T. 0.03 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

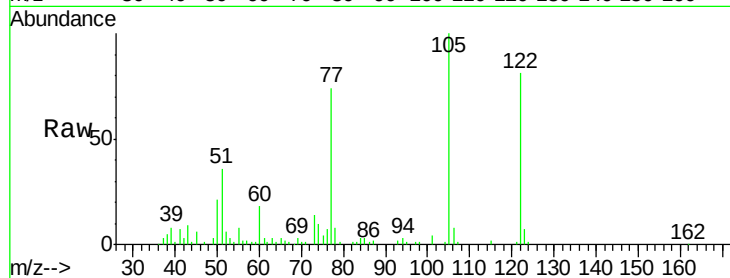
Tot Ion:122 Resp: 276362

Ion Ratio Lower Upper

122 100

105 123.1 104.4 144.4

77 91.7 69.0 109.0

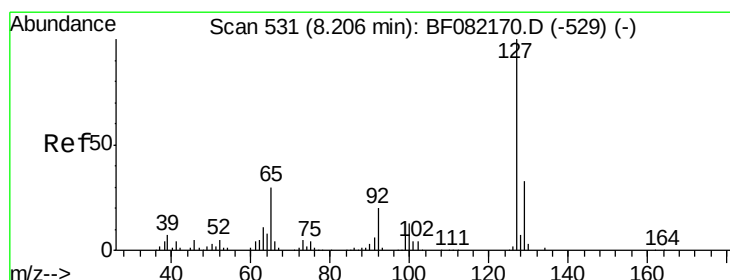
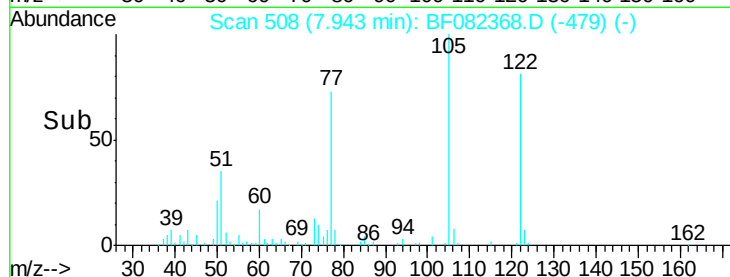
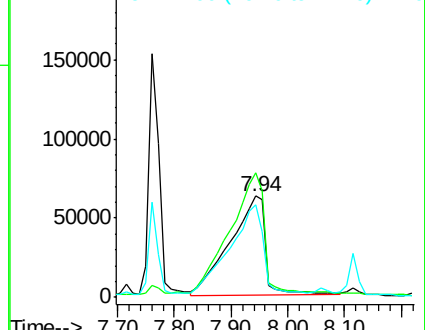


Abundance

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: 3.29 ng

RT: 8.19 min Scan# 530

Delta R.T. 0.02 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Tgt Ion:127 Resp: 20876

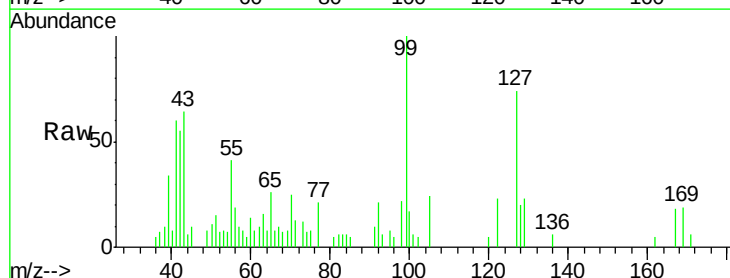
Ion Ratio Lower Upper

127 100

129 31.0 26.3 39.5

65 35.3 24.4 36.6

92 28.8 15.7 23.5#



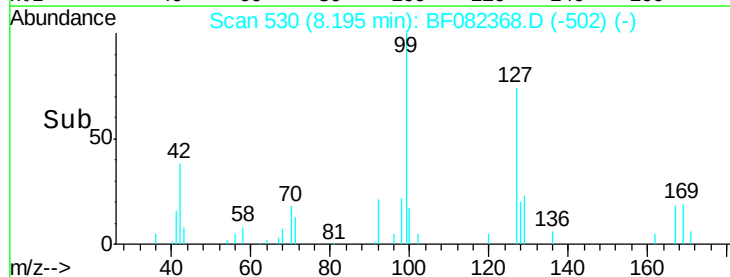
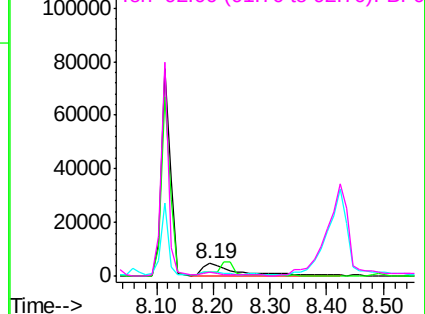
Abundance

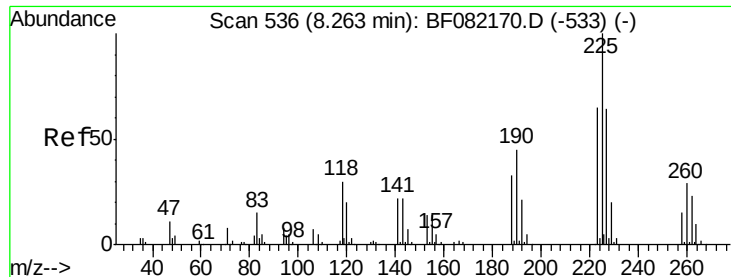
Ion 127.00 (126.70 to 127.70): E

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: 42.16 ng

RT: 8.23 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

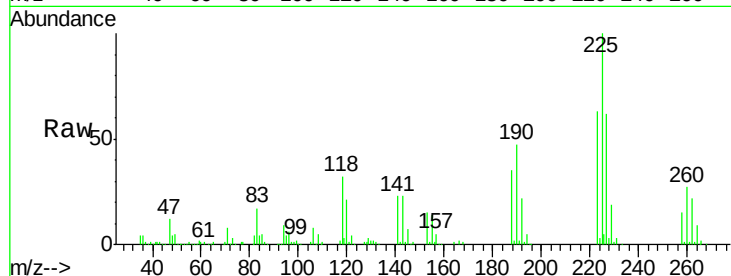
Tot Ion:225 Resp: 138364

Ion Ratio Lower Upper

225 100

223 62.8 52.2 78.2

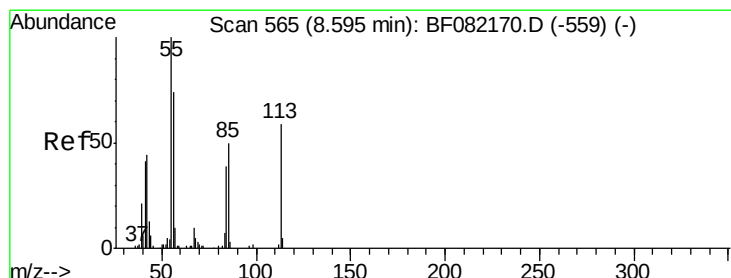
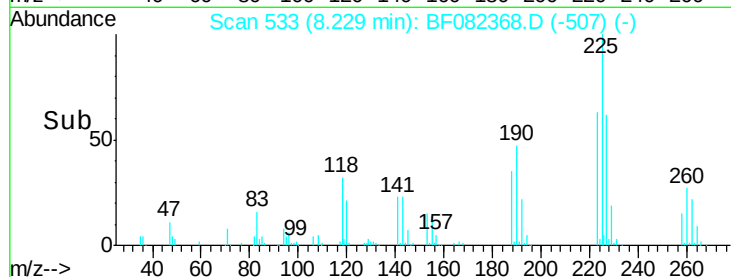
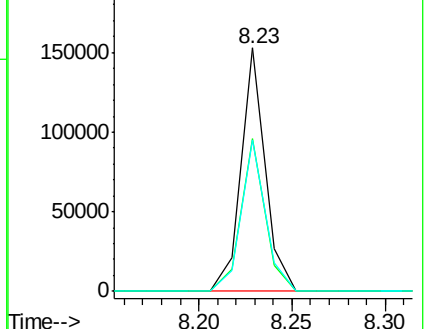
227 62.2 51.3 76.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 40.88 ng

RT: 8.61 min Scan# 566

Delta R.T. 0.03 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

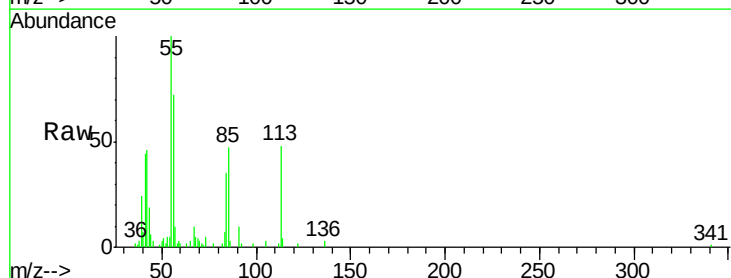
Tgt Ion:113 Resp: 54205

Ion Ratio Lower Upper

113 100

55 209.0 149.7 189.7#

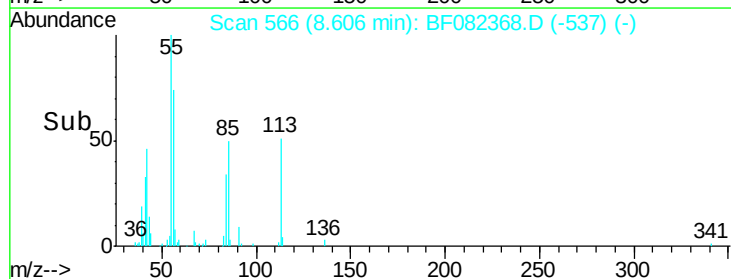
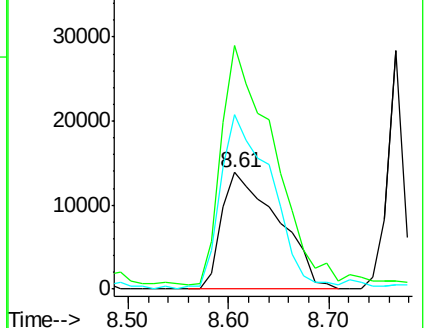
56 149.7 105.4 145.4#

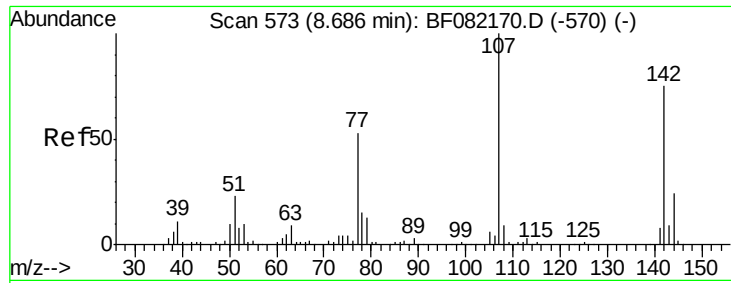


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 44.26 ng

RT: 8.67 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

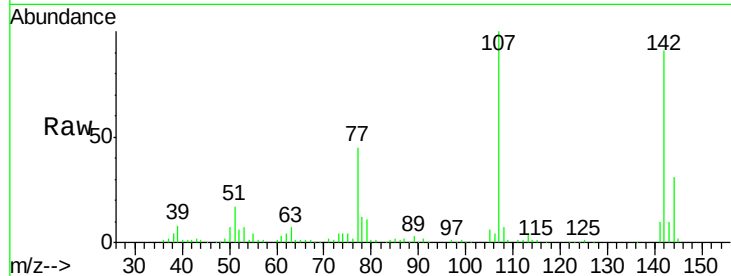
Tot Ion:107 Resp: 197778

Ion Ratio Lower Upper

107 100

144 30.5 19.3 28.9#

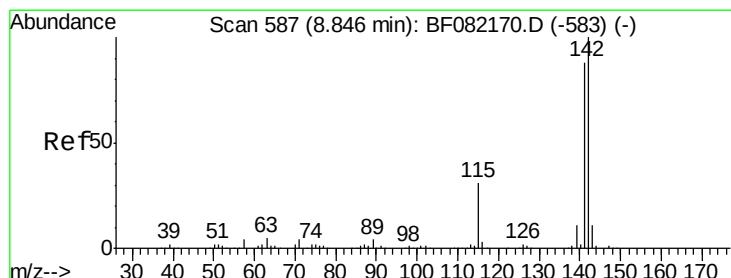
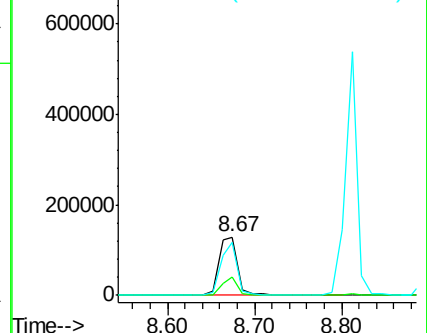
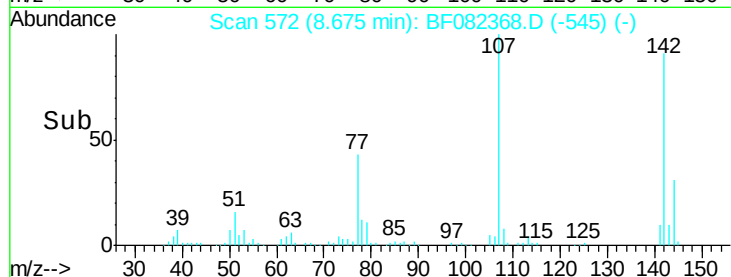
142 90.7 59.9 89.9#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 47.72 ng

RT: 8.81 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

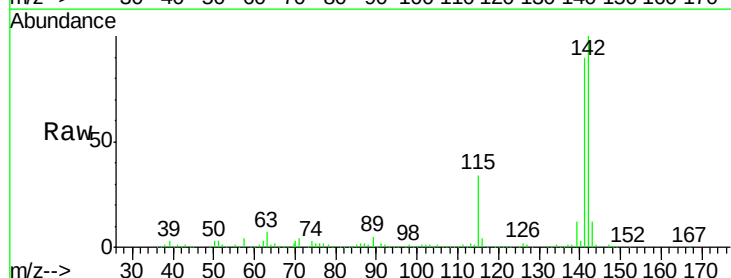
Tgt Ion:142 Resp: 505481

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

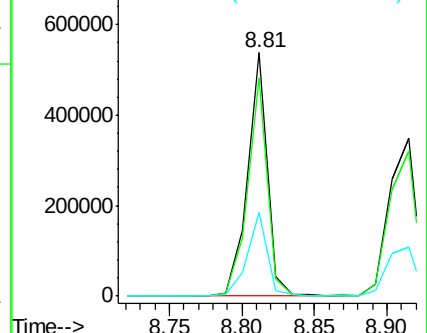
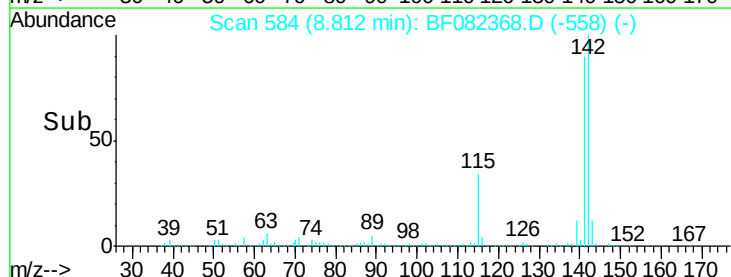
115 34.4 24.6 37.0

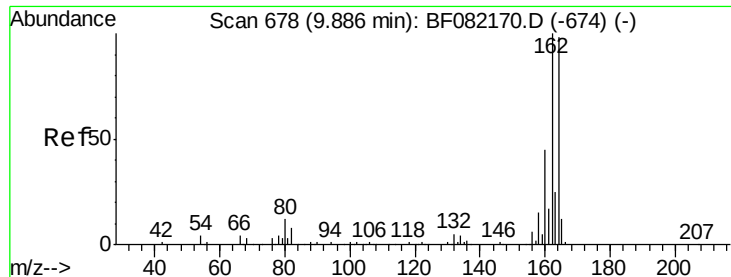


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

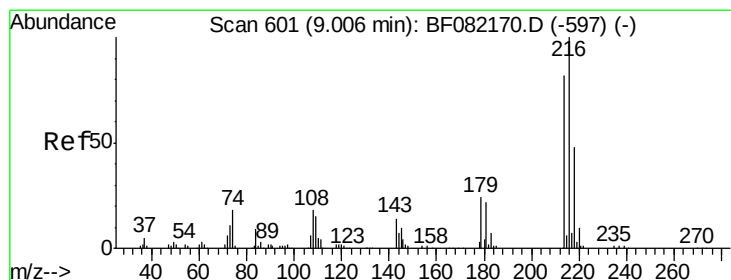
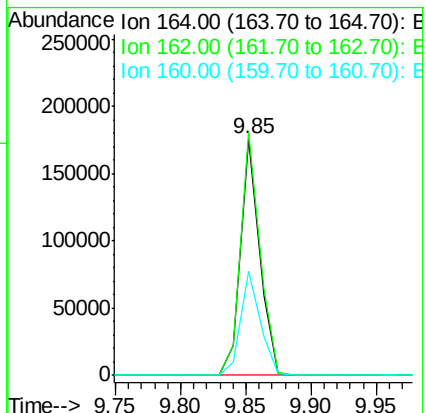
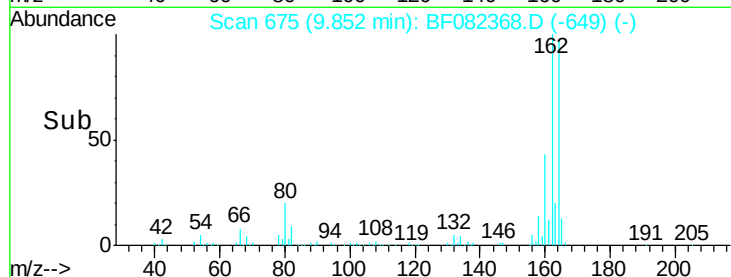
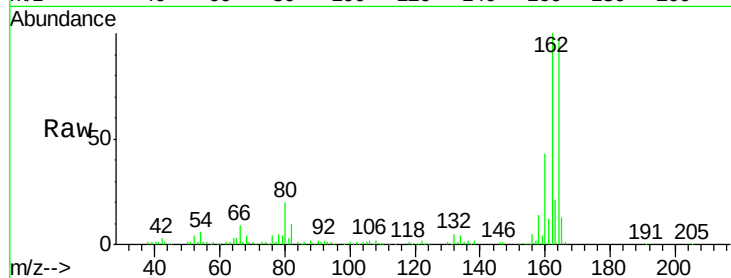
Tot Ion:164 Resp: 178433

Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

160 44.1 36.4 54.6



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.46 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Tgt Ion:216 Resp: 225349

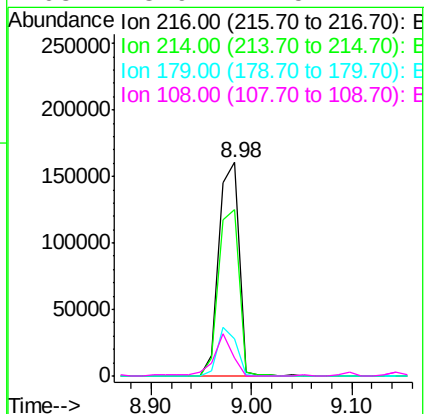
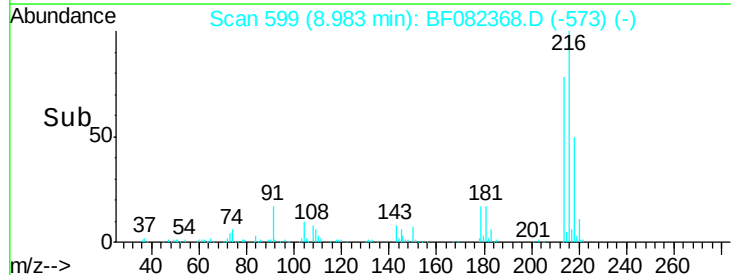
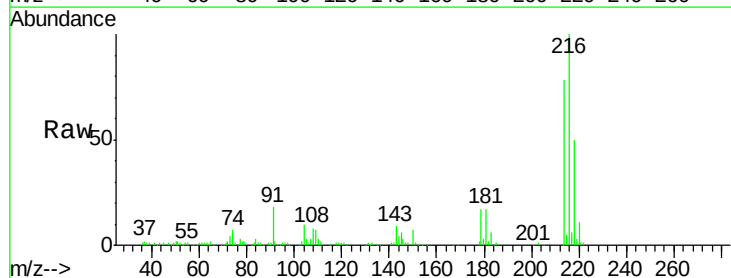
Ion Ratio Lower Upper

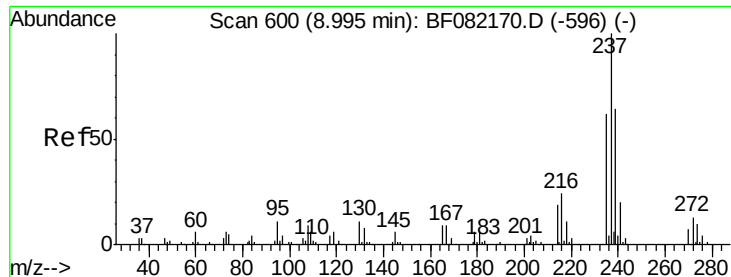
216 100

214 79.4 64.6 97.0

179 20.9 17.6 26.4

108 18.9 14.5 21.7





#40

Hexachlorocyclopentadiene

Concen: 63.12 ng

RT: 8.96 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

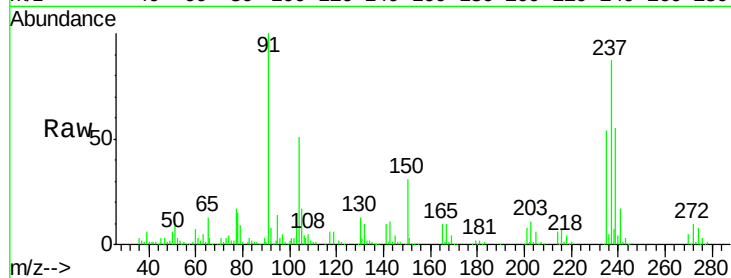
Tot Ion:237 Resp: 164271

Ion Ratio Lower Upper

237 100

235 62.4 41.7 81.7

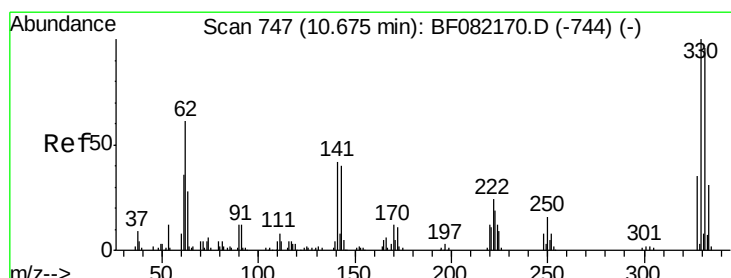
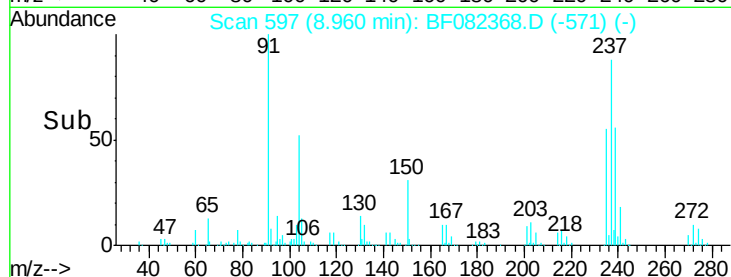
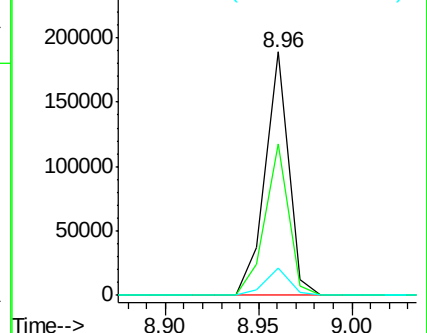
272 11.5 0.0 32.8



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: 109.50 ng

RT: 10.65 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

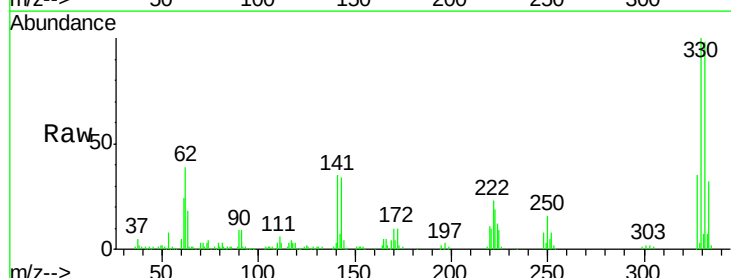
Tgt Ion:330 Resp: 183230

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

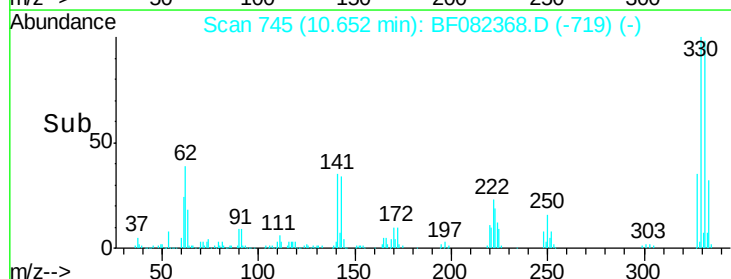
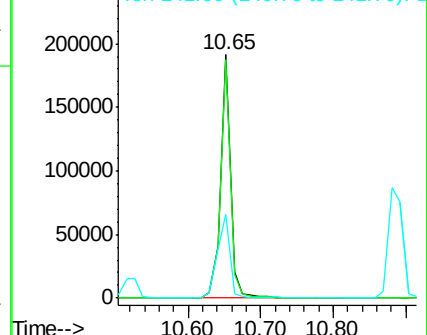
141 42.8 29.8 44.8



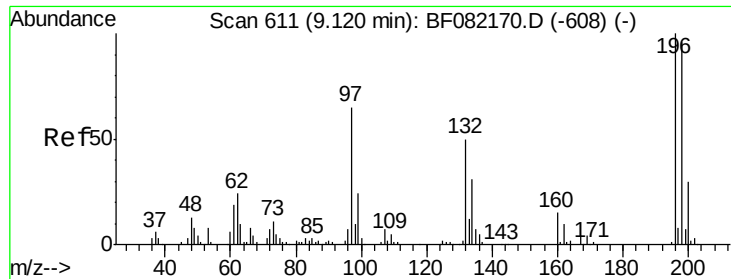
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



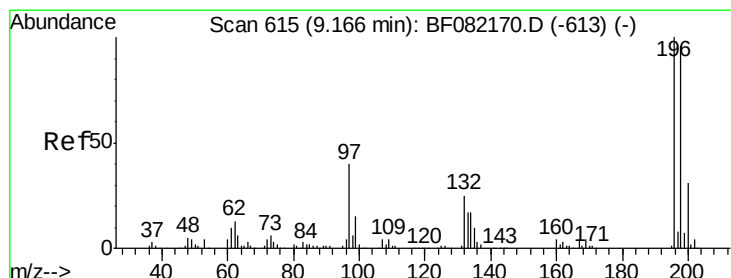
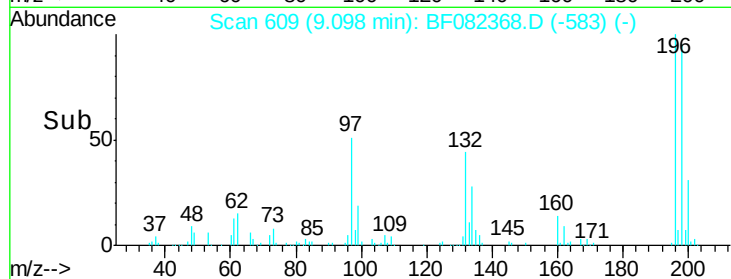
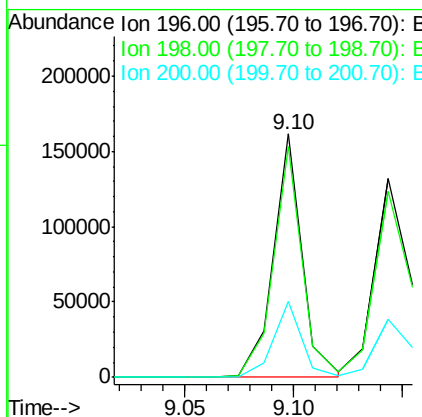
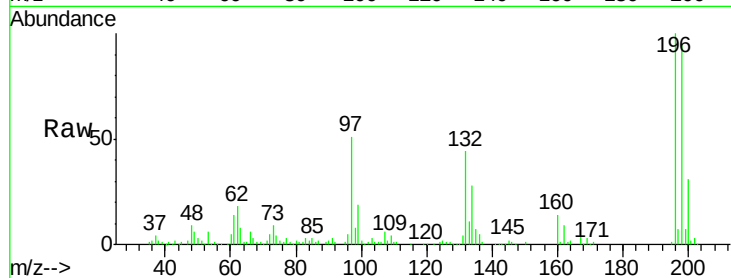




#42  
 2,4,6-Trichlorophenol  
 Concen: 42.42 ng  
 RT: 9.10 min Scan# 609  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

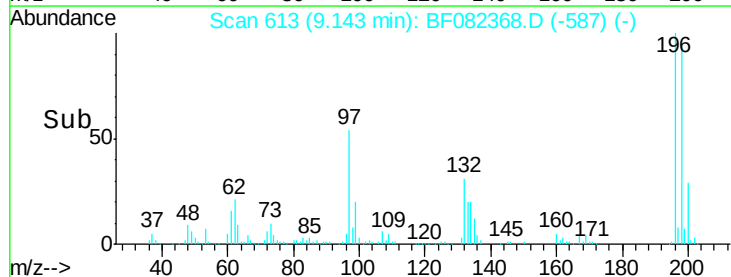
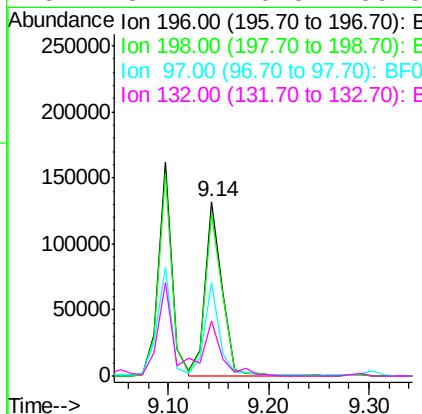
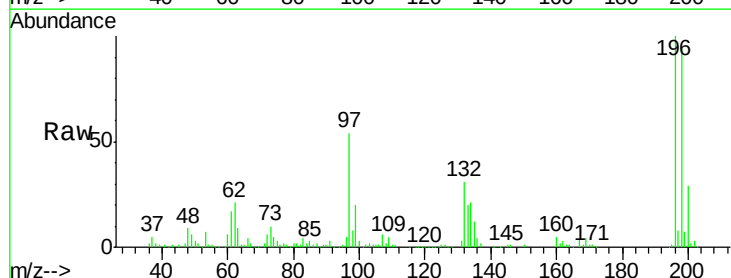
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

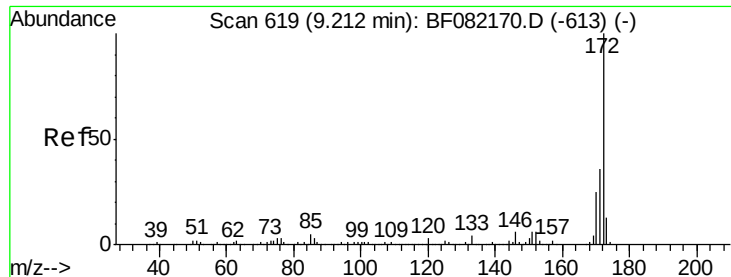
Tot Ion:196 Resp: 149543  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 76.6 115.0  
 200 31.1 23.7 35.5



#43  
 2,4,5-Trichlorophenol  
 Concen: 40.16 ng  
 RT: 9.14 min Scan# 613  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

Tgt Ion:196 Resp: 153365  
 Ion Ratio Lower Upper  
 196 100  
 198 93.5 77.0 115.4  
 97 53.7 31.9 47.9#  
 132 31.2 20.3 30.5#





#44

2-Fluorobiphenyl

Concen: 94.51 ng

RT: 9.18 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

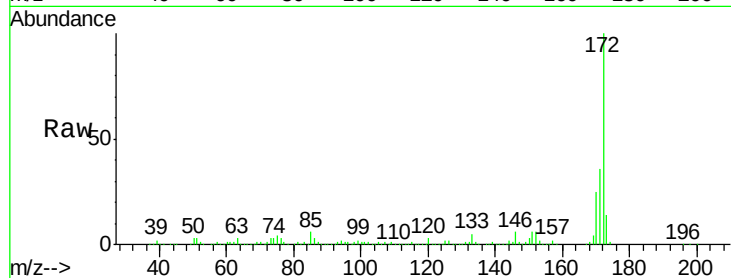
Tot Ion:172 Resp: 1016928

Ion Ratio Lower Upper

172 100

171 36.5 28.6 42.8

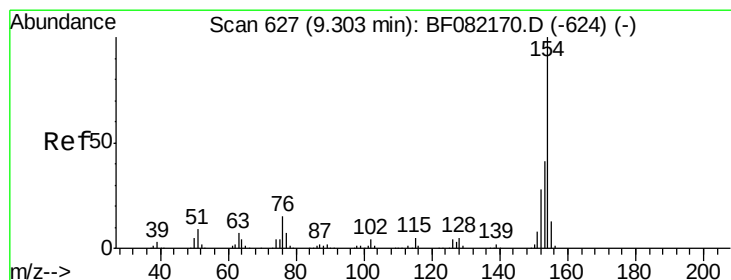
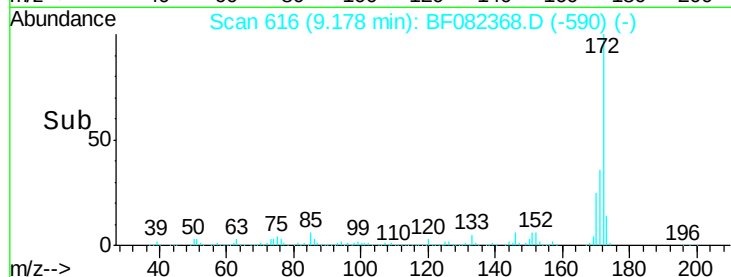
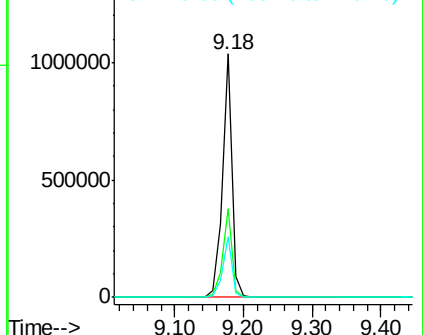
170 24.8 19.7 29.5



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: 48.20 ng

RT: 9.28 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

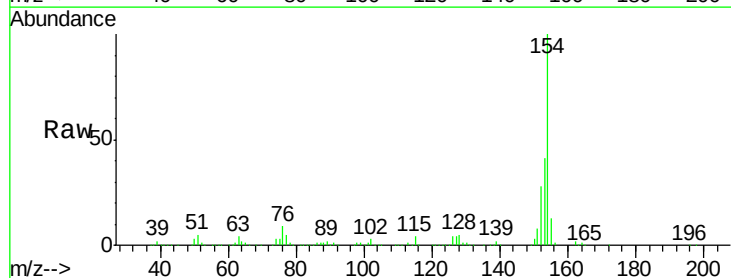
Tgt Ion:154 Resp: 655794

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

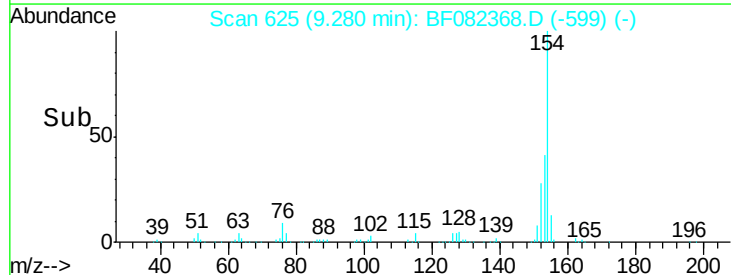
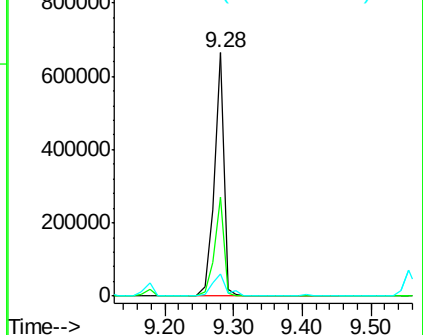
76 9.3 0.0 35.2

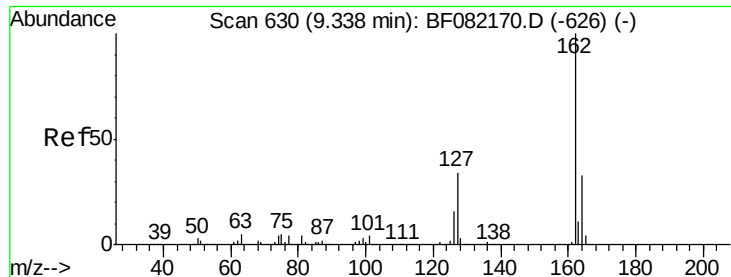


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

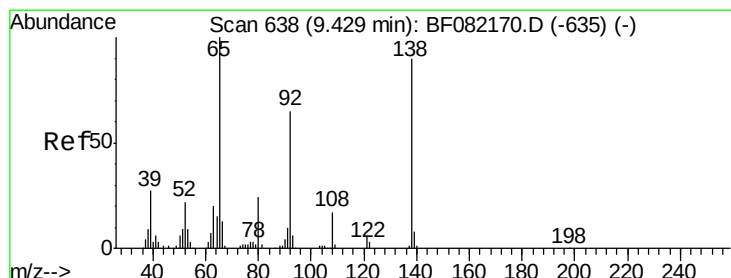
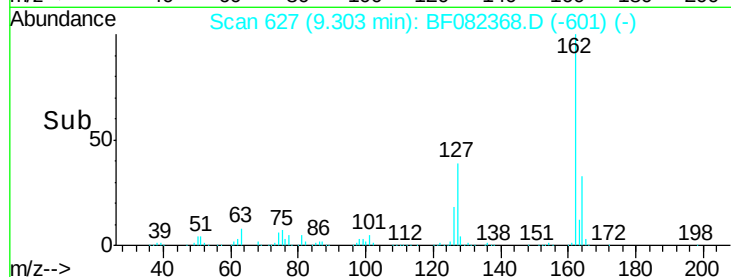
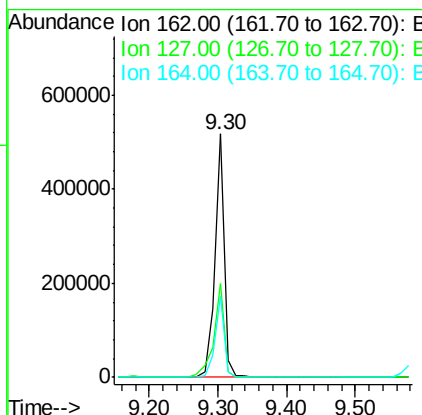
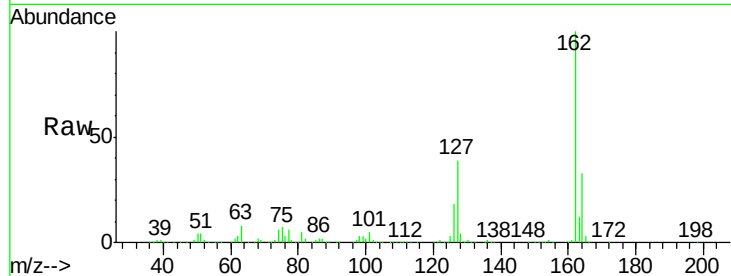




#46  
 2-Chloronaphthalene  
 Concen: 46.60 ng  
 RT: 9.30 min Scan# 627  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

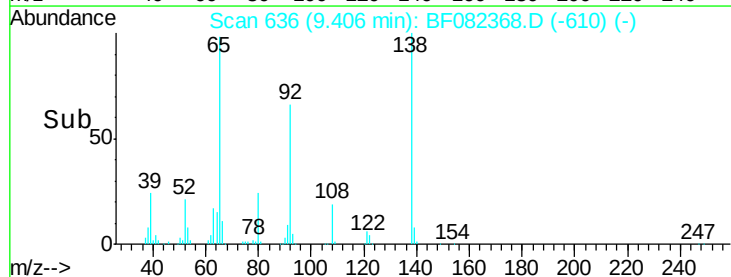
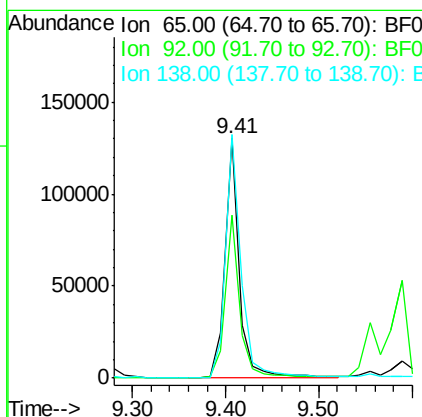
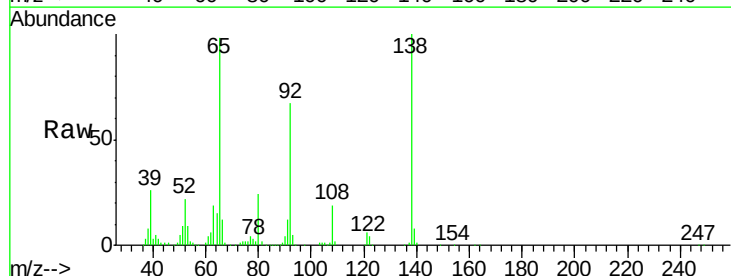
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

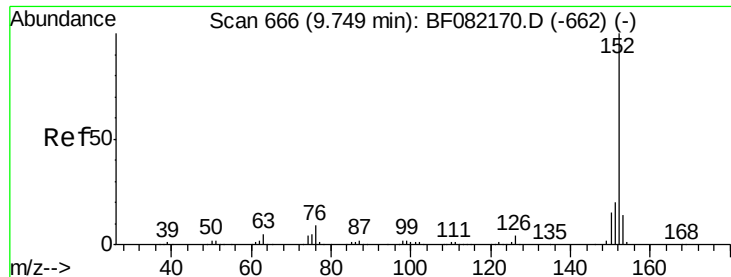
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.6  | 27.5  | 41.3  |
| 164     | 33.1  | 26.6  | 39.8  |



#47  
 2-Nitroaniline  
 Concen: 46.78 ng  
 RT: 9.41 min Scan# 636  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.9  | 52.3  | 78.5  |
| 138     | 101.7 | 72.2  | 108.4 |





#48

Acenaphthylene

Concen: 42.88 ng

RT: 9.71 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

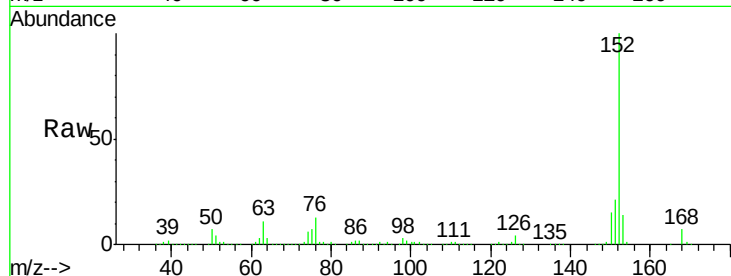
Tot Ion:152 Resp: 715498

Ion Ratio Lower Upper

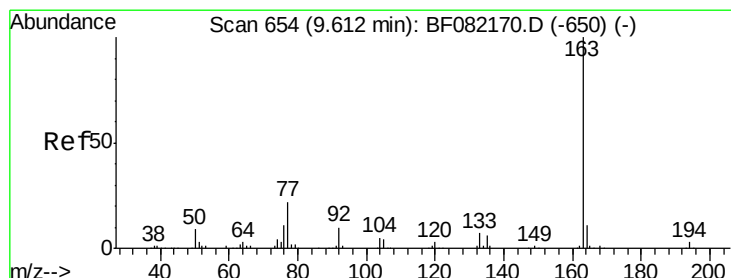
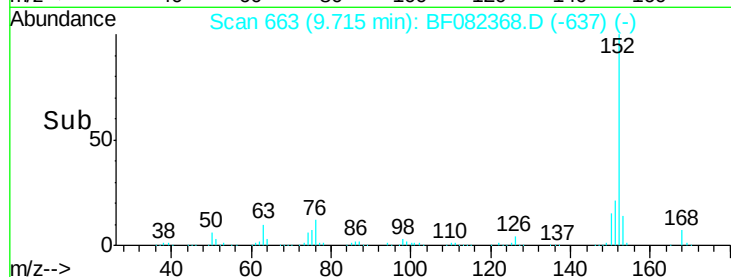
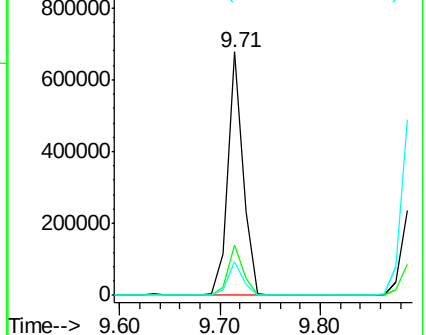
152 100

151 20.7 16.4 24.6

153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 55.33 ng

RT: 9.59 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

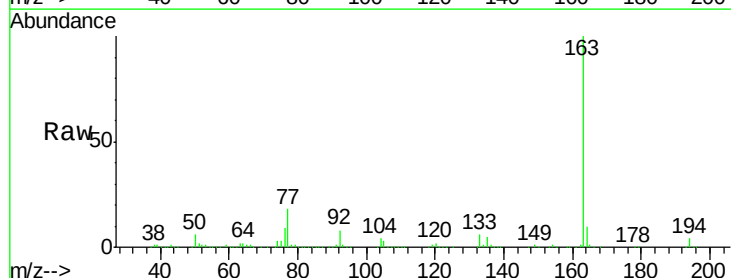
Tgt Ion:163 Resp: 695167

Ion Ratio Lower Upper

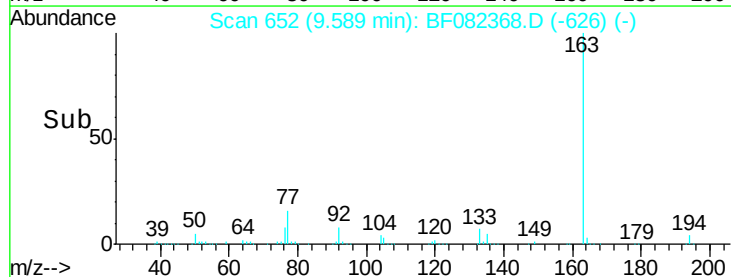
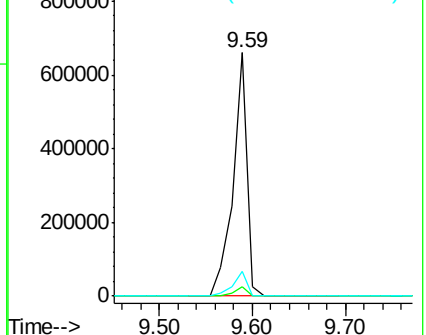
163 100

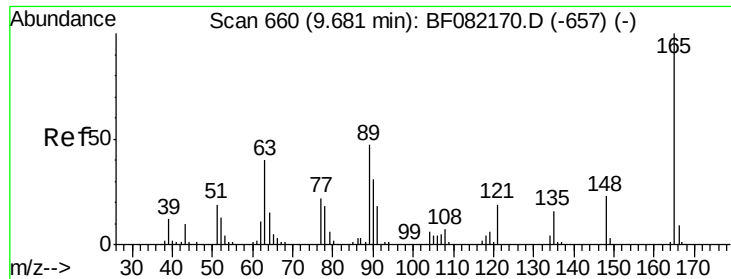
194 3.6 2.6 4.0

164 10.1 8.5 12.7



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

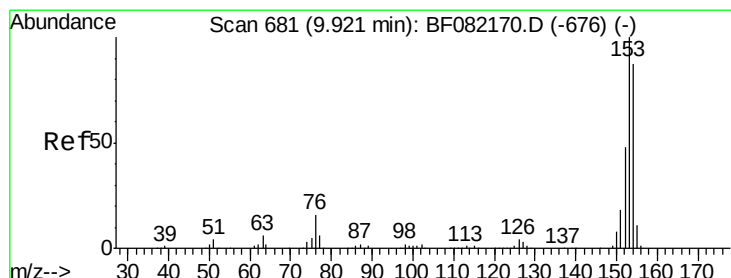
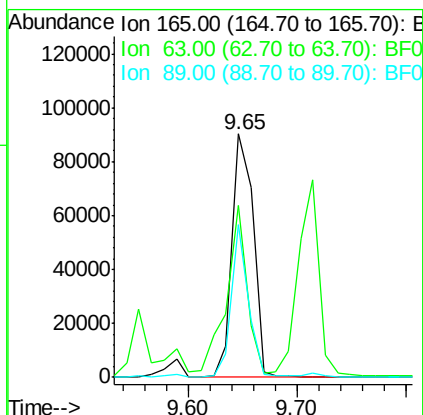
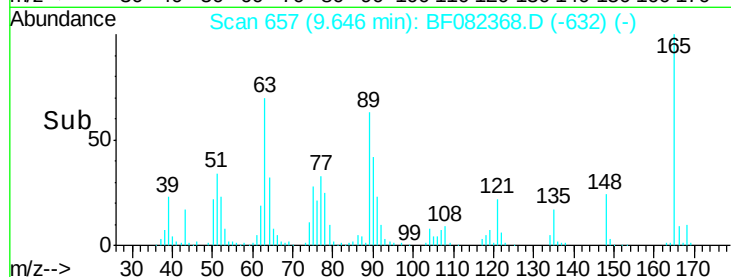
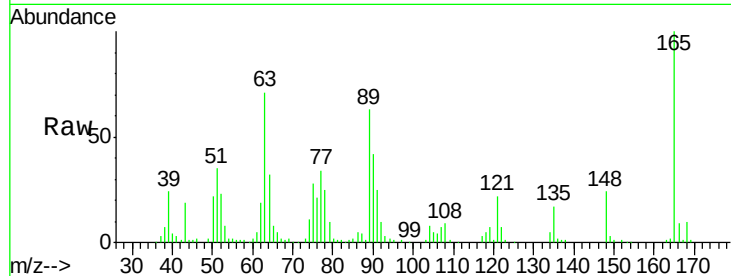




#50  
2,6-Dinitrotoluene  
Concen: 45.98 ng  
RT: 9.65 min Scan# 657  
Delta R.T. -0.01 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

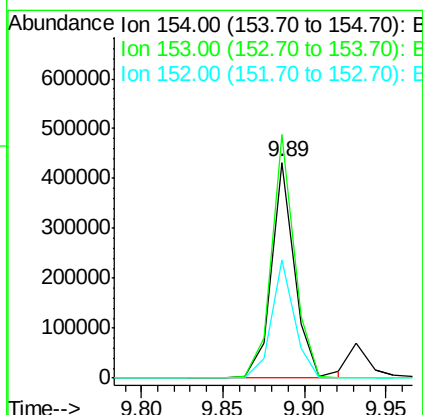
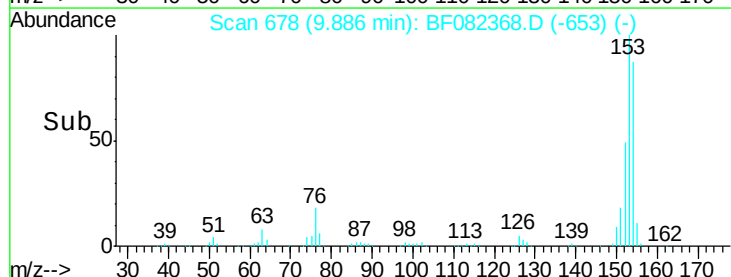
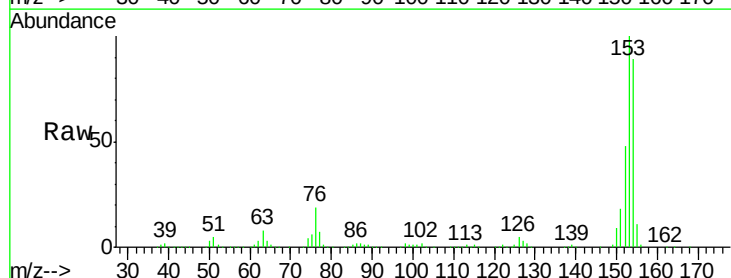
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

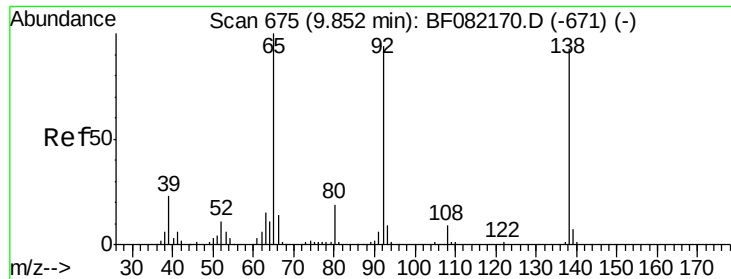
Tot Ion:165 Resp: 121896  
Ion Ratio Lower Upper  
165 100  
63 70.6 36.7 55.1#  
89 62.6 37.8 56.6#



#51  
Acenaphthene  
Concen: 43.23 ng  
RT: 9.89 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:154 Resp: 433059  
Ion Ratio Lower Upper  
154 100  
153 112.8 91.4 137.2  
152 54.7 44.3 66.5

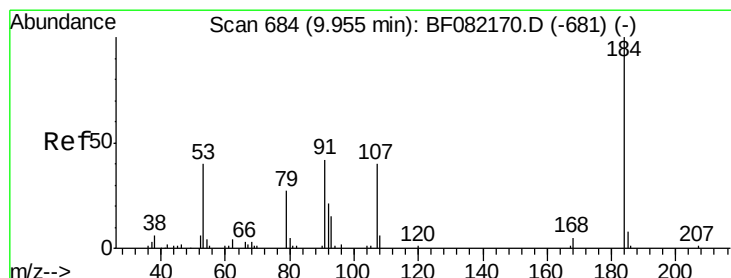
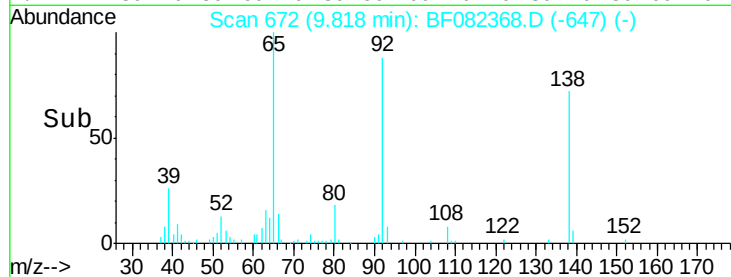
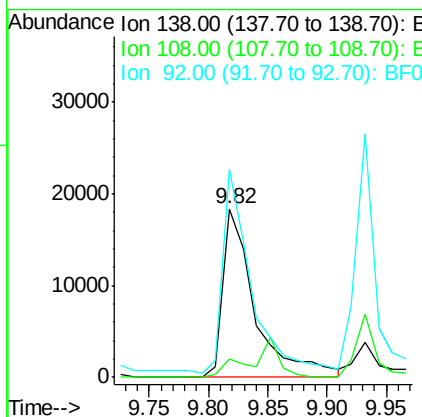
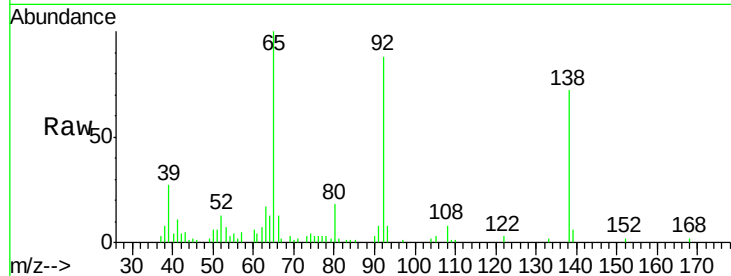




#52  
3-Nitroaniline  
Concen: 11.47 ng  
RT: 9.82 min Scan# 672  
Delta R.T. -0.01 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

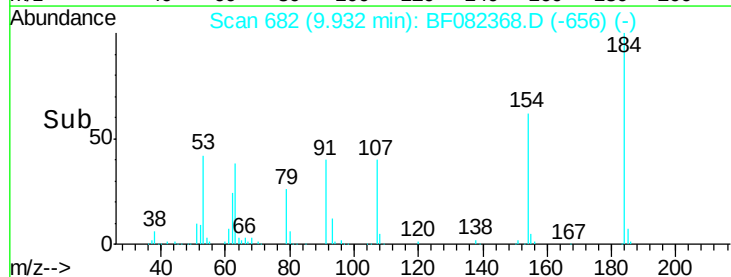
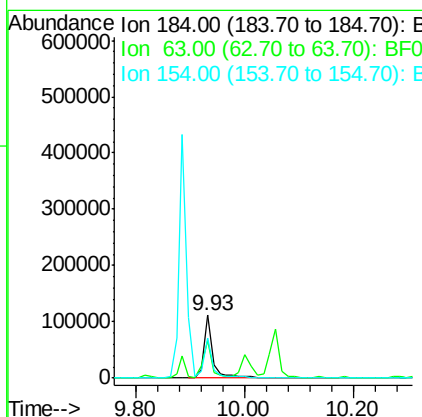
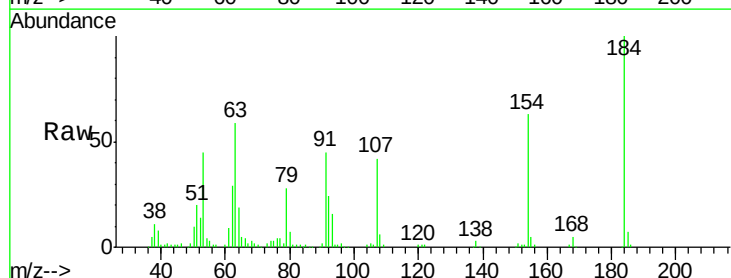
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

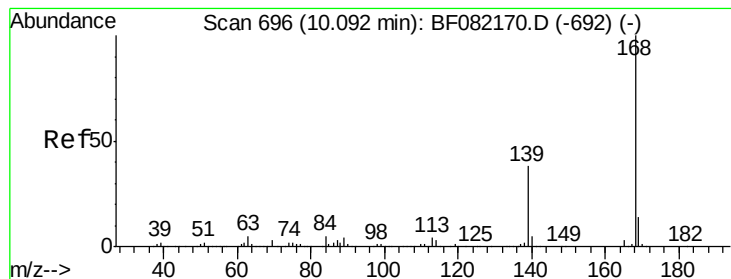
Tot Ion:138 Resp: 34352  
Ion Ratio Lower Upper  
138 100  
108 11.0 7.4 11.0  
92 123.2 81.3 121.9#



#53  
2,4-Dinitrophenol  
Concen: 86.25 ng  
RT: 9.93 min Scan# 682  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:184 Resp: 128581  
Ion Ratio Lower Upper  
184 100  
63 59.2 45.1 67.7  
154 63.1 51.2 76.8





#54

Dibenzofuran

Concen: 45.98 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

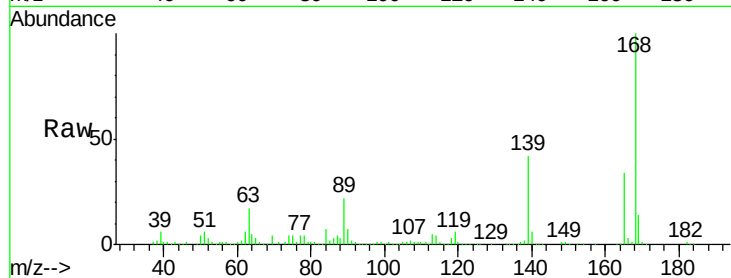
Tot Ion:168 Resp: 632282

Ion Ratio Lower Upper

168 100

139 41.9 31.0 46.6

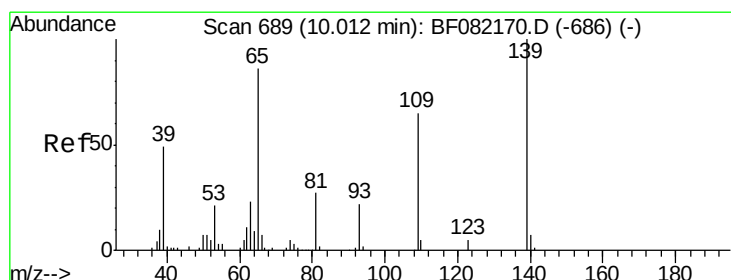
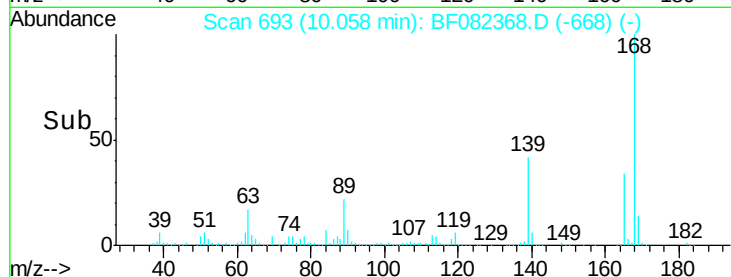
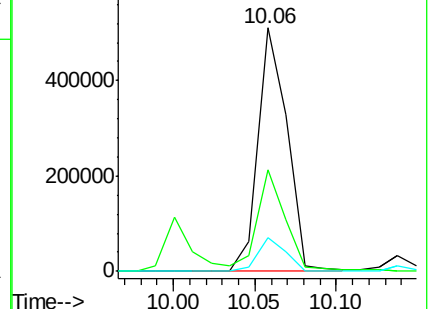
169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 68.21 ng

RT: 10.00 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

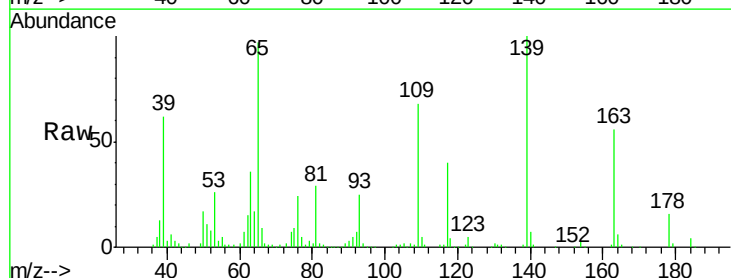
Tgt Ion:139 Resp: 132786

Ion Ratio Lower Upper

139 100

109 68.0 44.8 84.8

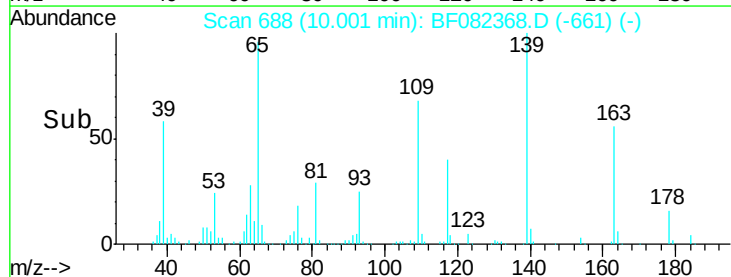
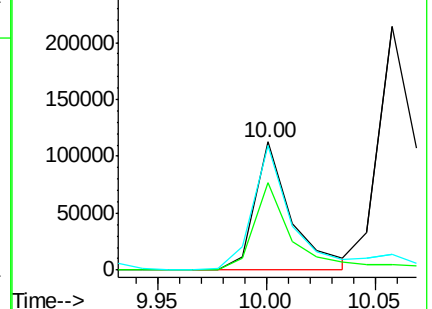
65 96.8 67.7 107.7

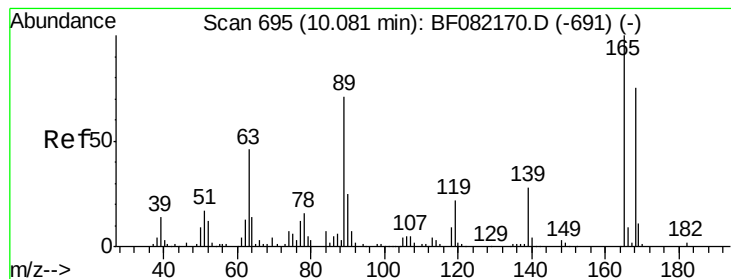


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 54.26 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

Tot Ion:165 Resp: 179808

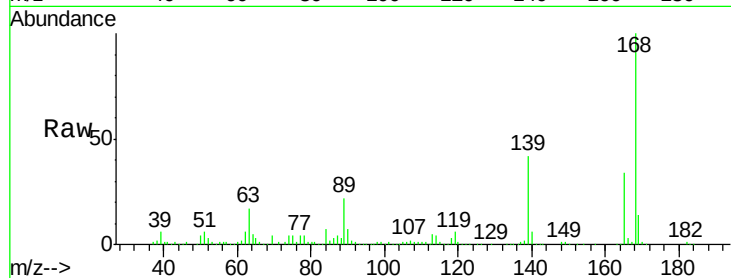
Ion Ratio Lower Upper

165 100

63 49.7 38.6 58.0

89 63.7 57.0 85.6

182 2.3 1.8 2.6

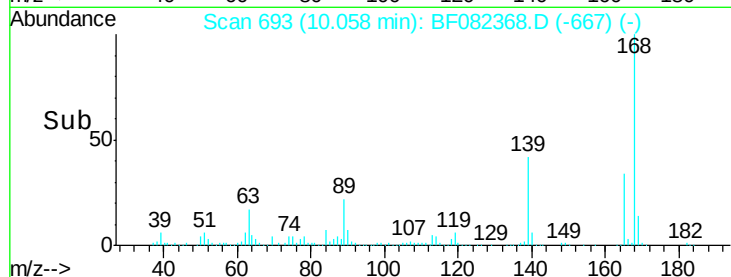


Abundance Ion 165.00 (164.70 to 165.70): E

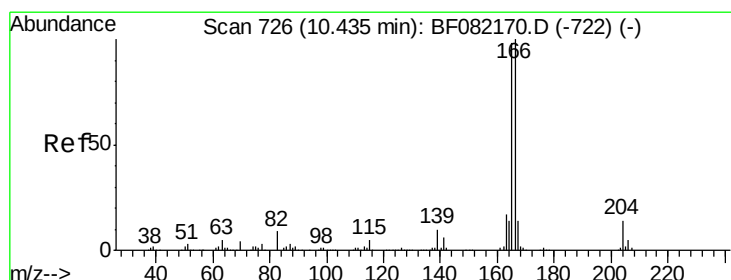
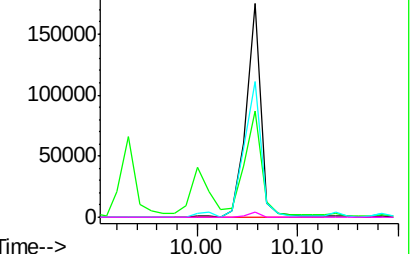
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 45.32 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

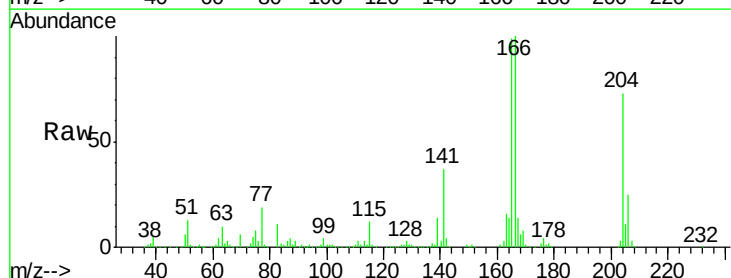
Tgt Ion:166 Resp: 511917

Ion Ratio Lower Upper

166 100

165 99.5 78.3 117.5

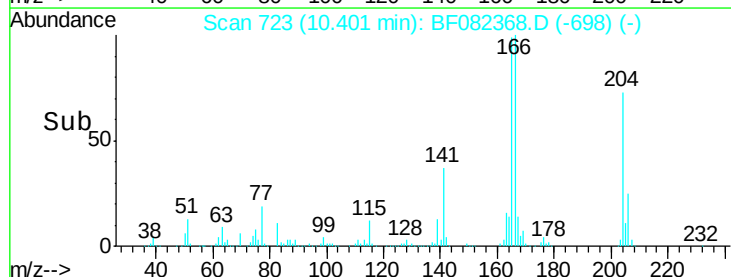
167 14.1 10.8 16.2



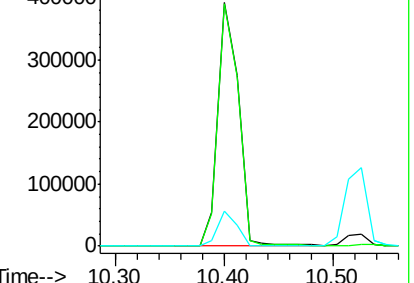
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

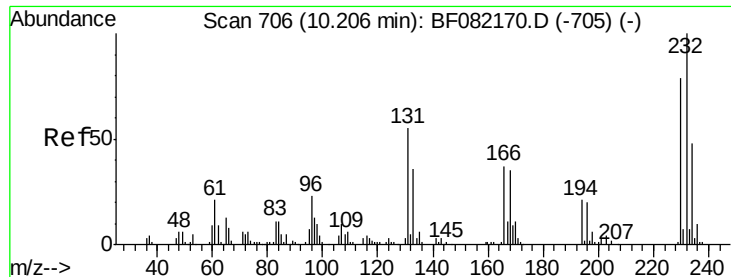
Ion 167.00 (166.70 to 167.70): E



Time-->



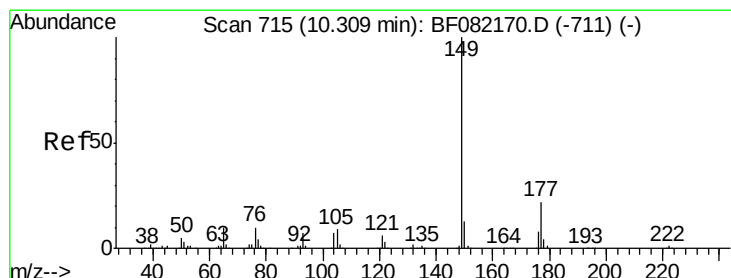
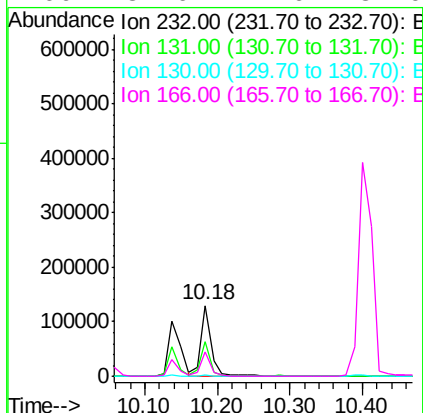
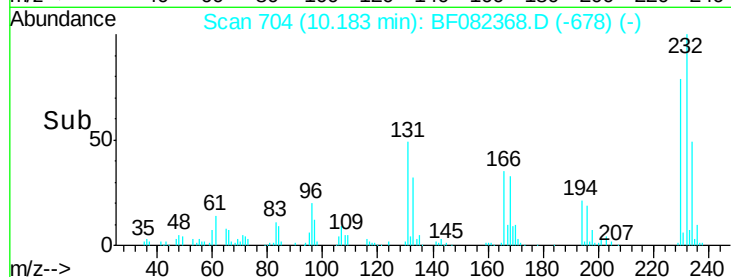
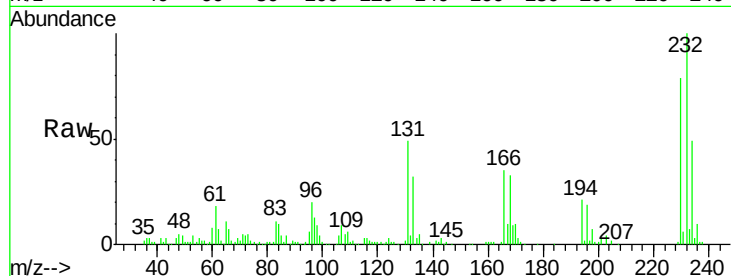




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.27 ng  
 RT: 10.18 min Scan# 704  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

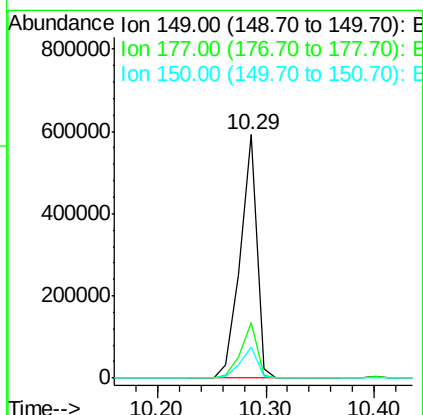
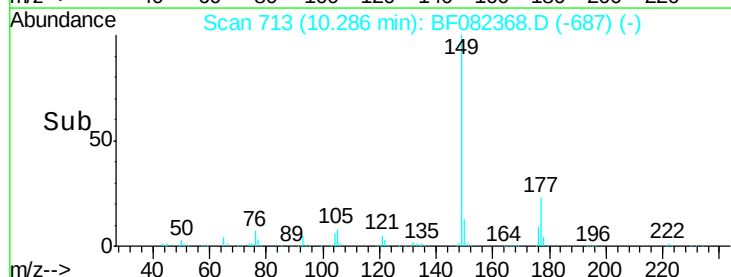
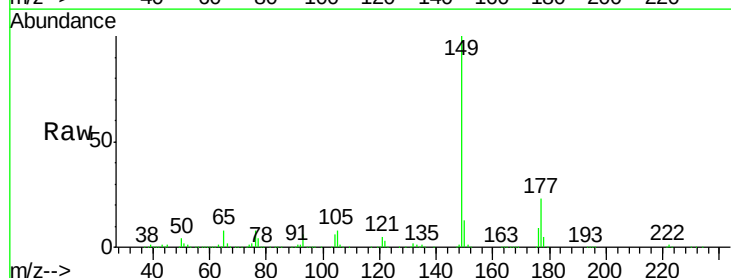
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

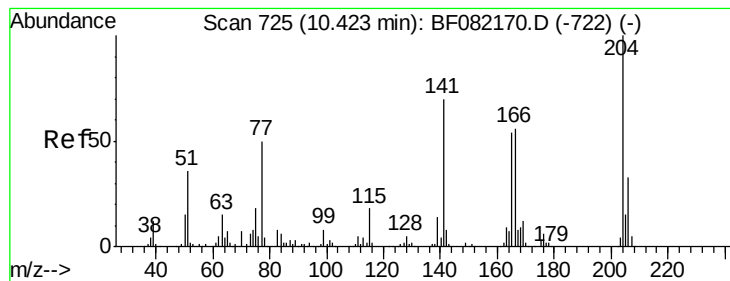
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 128771 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 47.9  | 36.6  | 54.8   |
| 130      | 2.0   | 1.5   | 2.3    |
| 166      | 31.6  | 24.6  | 37.0   |



#59  
 Diethylphthalate  
 Concen: 52.76 ng  
 RT: 10.29 min Scan# 713  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 617874 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 22.9  | 17.6  | 26.4   |
| 150      | 12.6  | 10.3  | 15.5   |

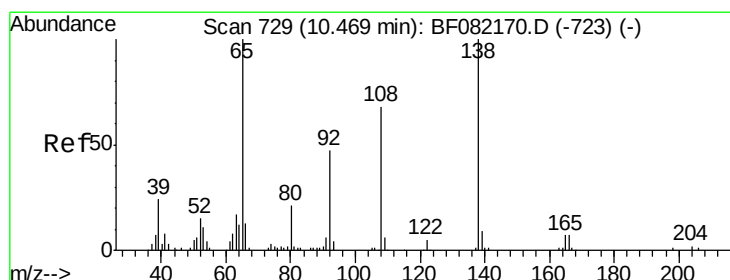
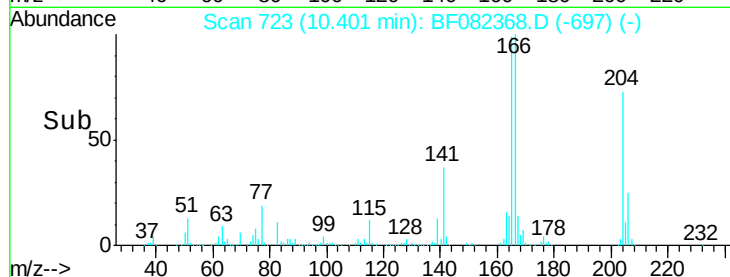
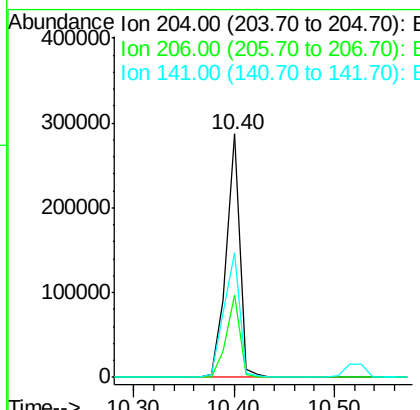
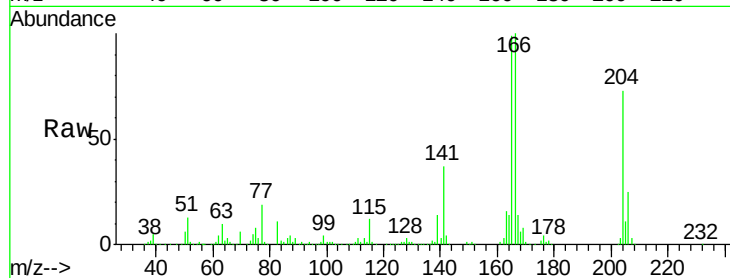




#60  
 4-Chlorophenyl-phenylether  
 Concen: 52.57 ng  
 RT: 10.40 min Scan# 723  
 Delta R.T. 0.00 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

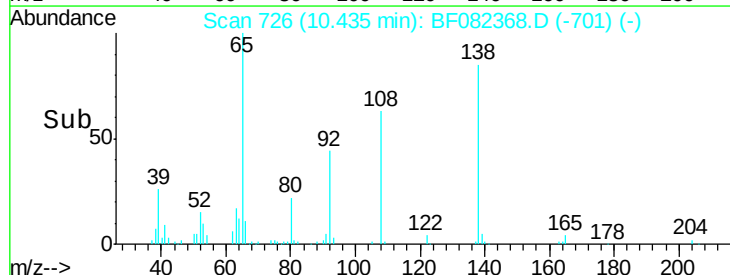
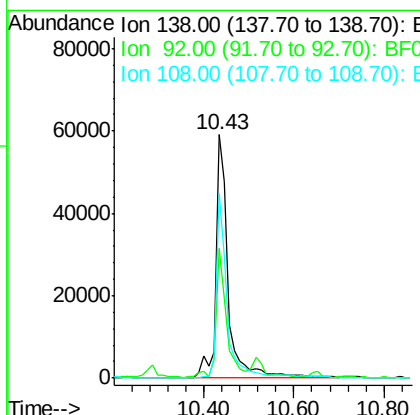
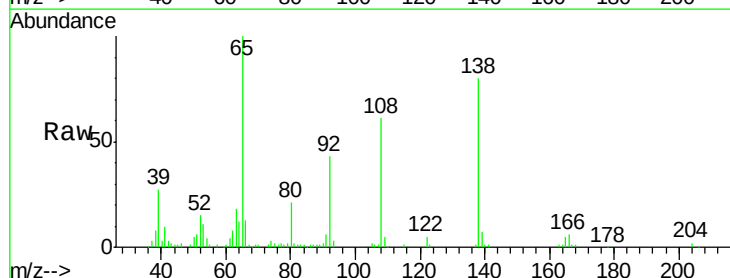
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

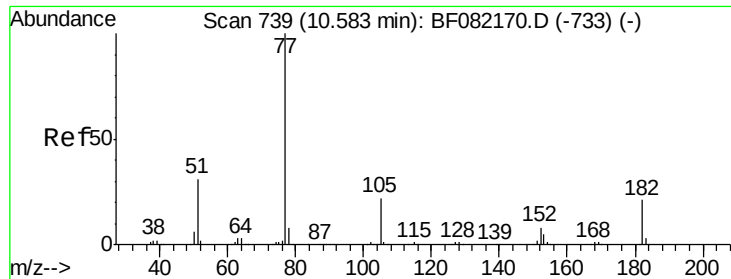
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.0  | 26.8  | 40.2  |
| 141     | 50.9  | 56.1  | 84.1# |



#61  
 4-Nitroaniline  
 Concen: 39.23 ng  
 RT: 10.43 min Scan# 726  
 Delta R.T. -0.01 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.2  | 26.8  | 66.8  |
| 108     | 75.9  | 48.4  | 88.4  |





#62

Azobenzene

Concen: 49.88 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

Tot Ion: 77 Resp: 571740

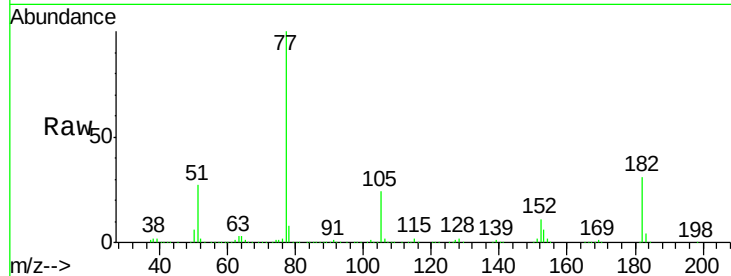
Ion Ratio Lower Upper

77 100

182 31.2 0.5 40.5

105 24.2 1.8 41.8

51 27.3 11.2 51.2

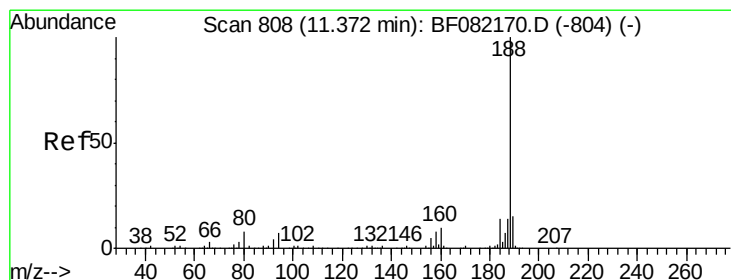
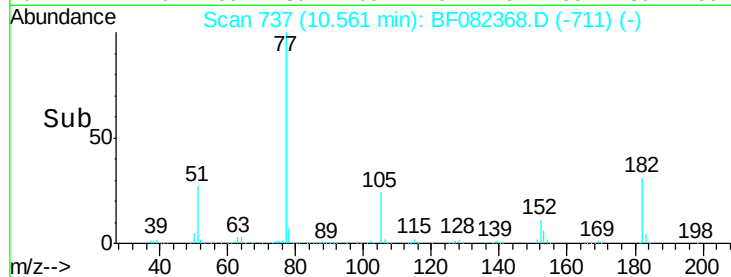
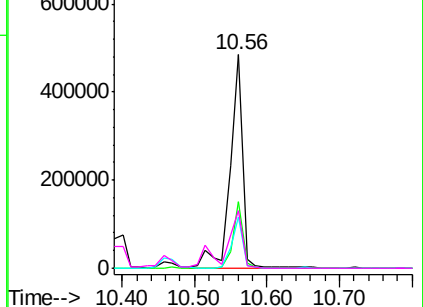


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

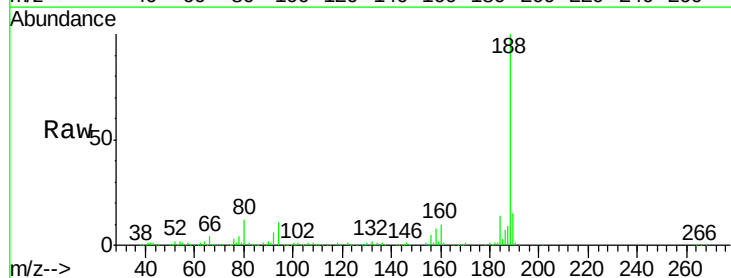
Tgt Ion: 188 Resp: 349374

Ion Ratio Lower Upper

188 100

94 10.8 5.8 8.6#

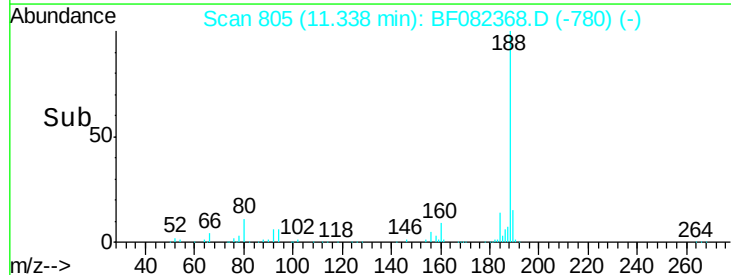
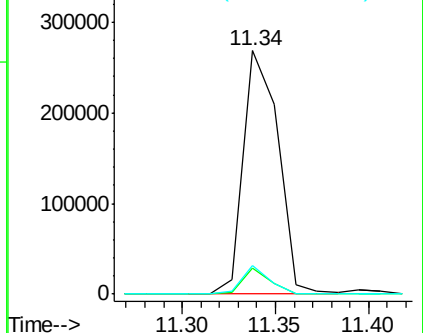
80 11.8 6.4 9.6#

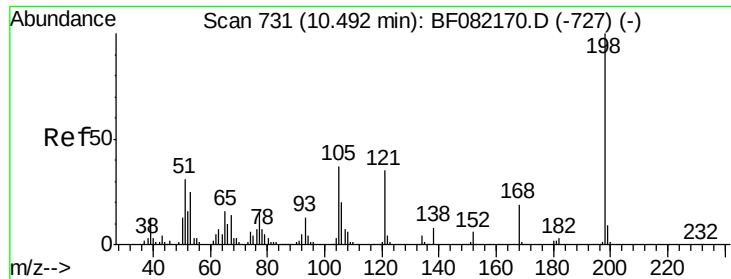


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

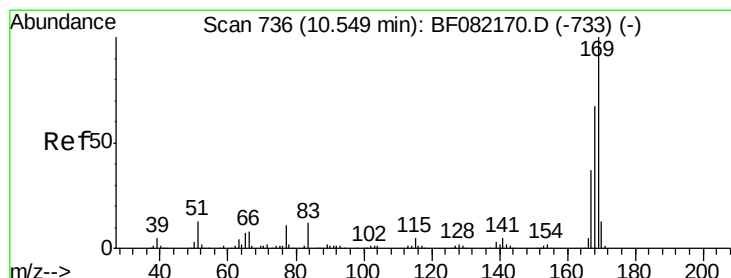
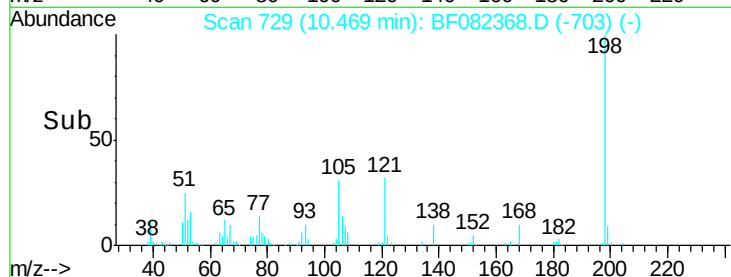
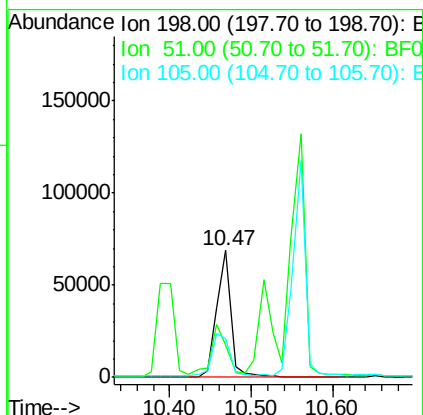
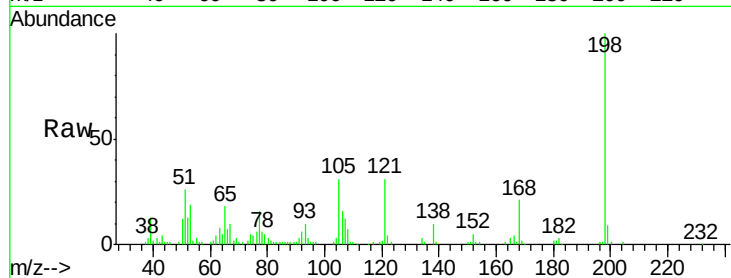




#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.68 ng  
RT: 10.47 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

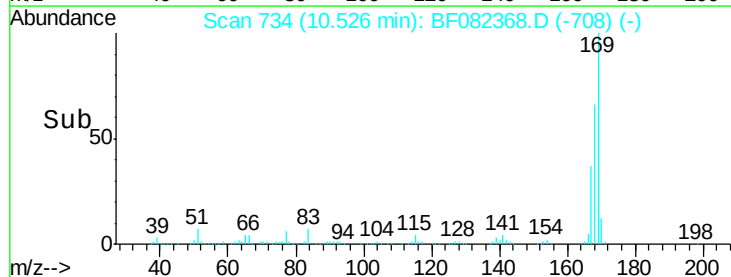
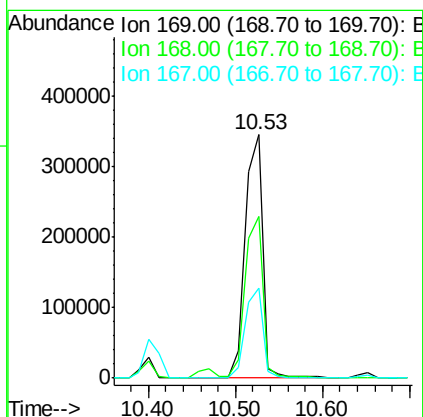
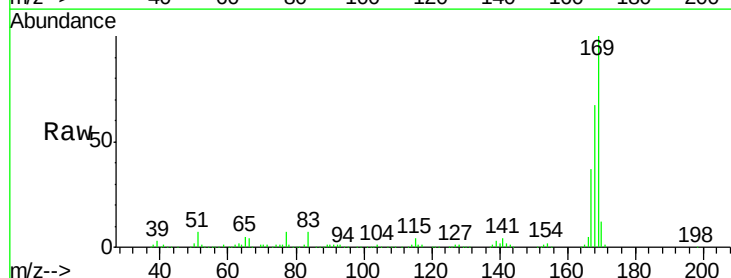
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

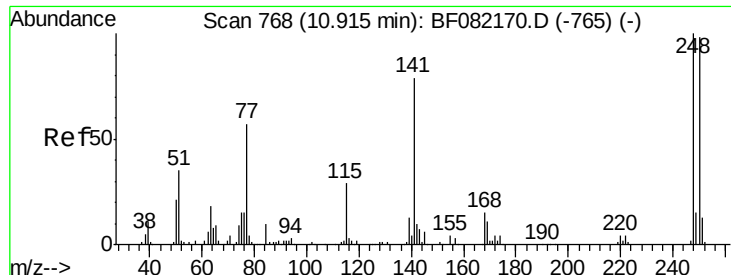
Tot Ion:198 Resp: 83683  
Ion Ratio Lower Upper  
198 100  
51 25.7 13.6 53.6  
105 31.0 17.1 57.1



#65  
n-Nitrosodiphenylamine  
Concen: 46.59 ng  
RT: 10.53 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:169 Resp: 487398  
Ion Ratio Lower Upper  
169 100  
168 66.6 54.0 81.0  
167 36.8 29.6 44.4

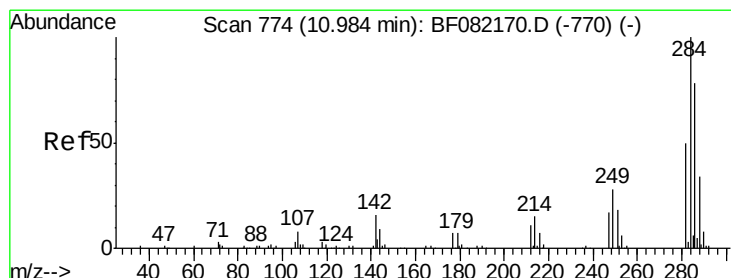
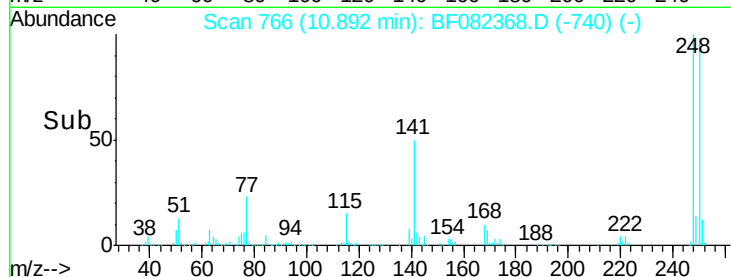
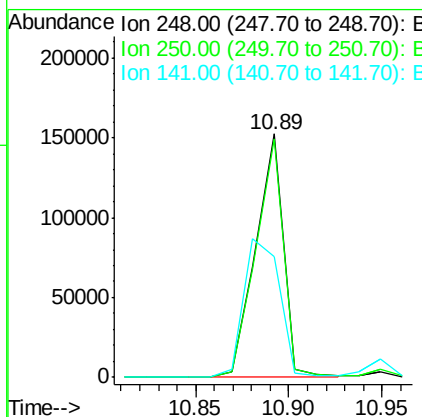
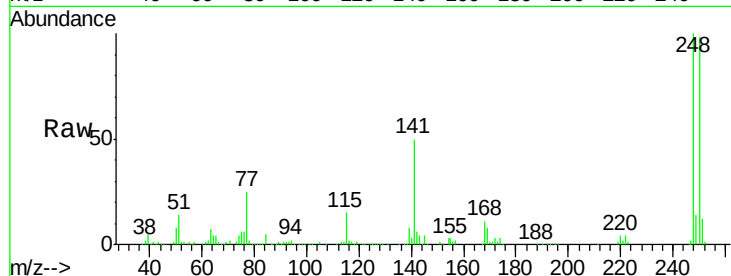




#66  
4-Bromophenyl-phenylether  
Concen: 45.72 ng  
RT: 10.89 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

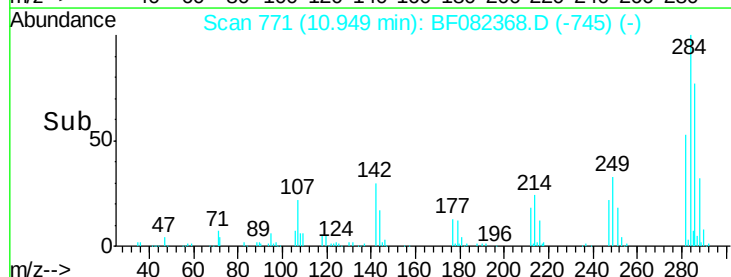
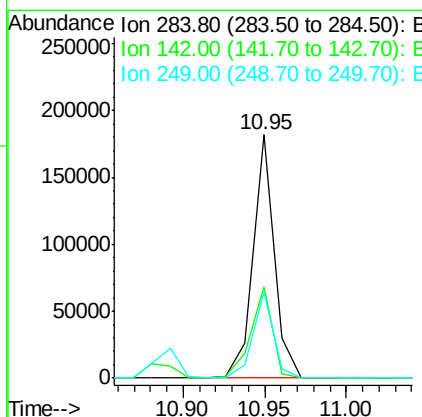
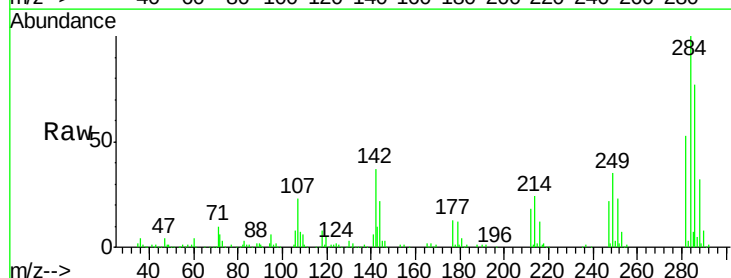
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

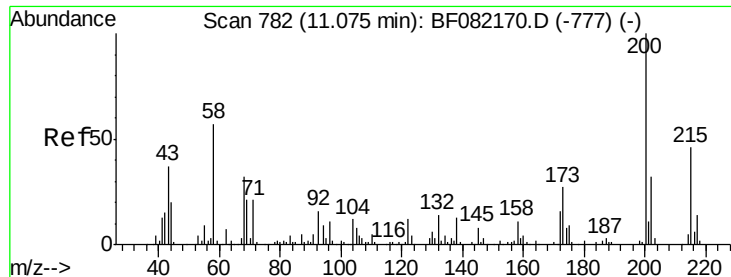
Tot Ion:248 Resp: 159854  
Ion Ratio Lower Upper  
248 100  
250 97.8 78.6 117.8  
141 49.8 63.3 94.9#



#67  
Hexachlorobenzene  
Concen: 43.43 ng  
RT: 10.95 min Scan# 771  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:284 Resp: 164242  
Ion Ratio Lower Upper  
284 100  
142 37.3 13.0 19.6#  
249 35.2 22.5 33.7#





#68

Atrazine

Concen: 38.58 ng

RT: 11.05 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

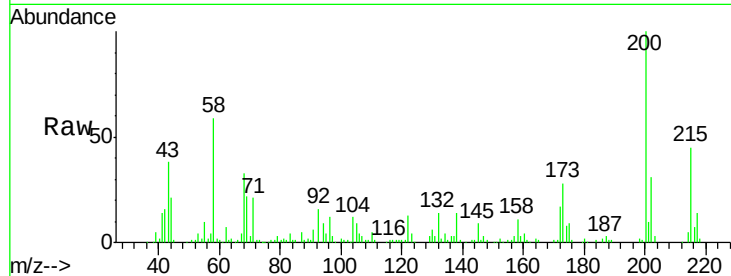
Tot Ion:200 Resp: 127855

Ion Ratio Lower Upper

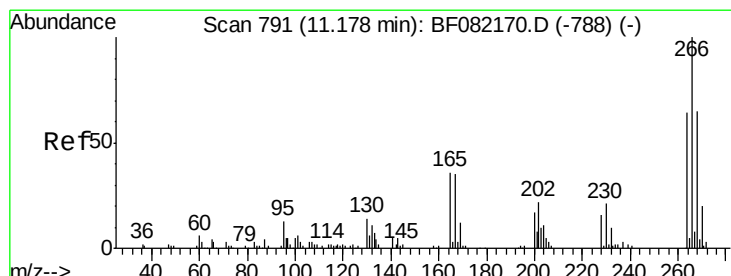
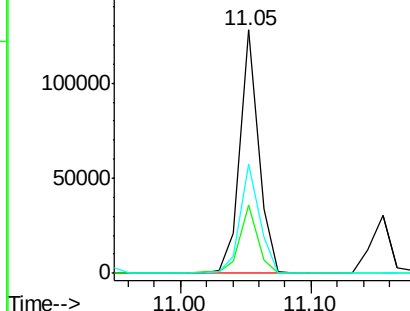
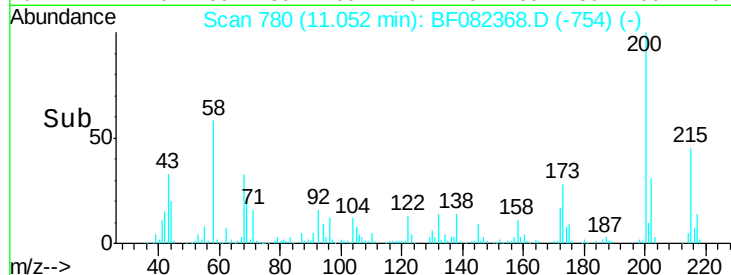
200 100

173 27.8 7.3 47.3

215 45.1 26.2 66.2



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



#69

Pentachlorophenol

Concen: 85.93 ng

RT: 11.15 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

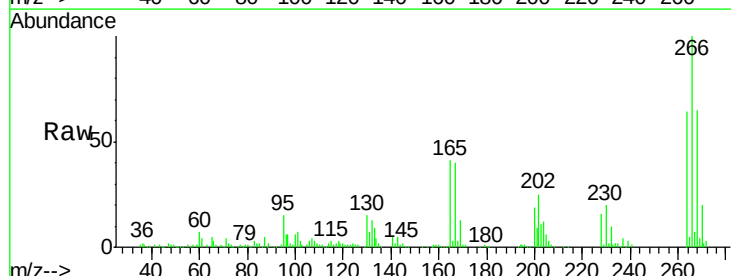
Tgt Ion:266 Resp: 167211

Ion Ratio Lower Upper

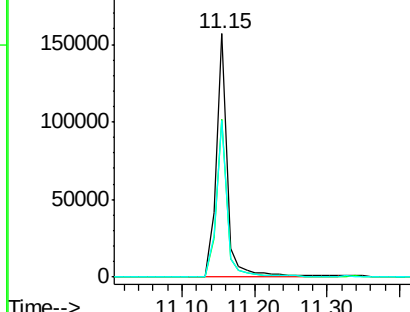
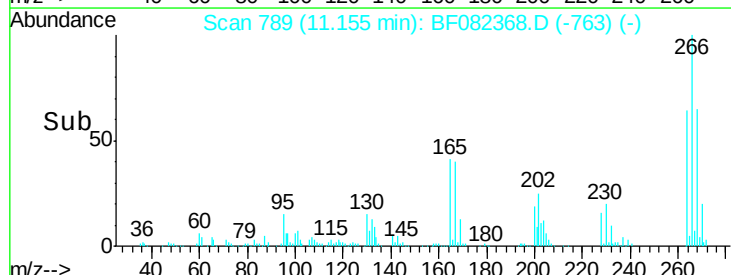
266 100

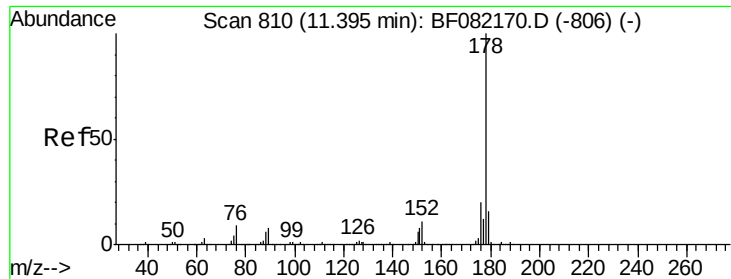
268 64.8 52.0 78.0

264 64.3 51.4 77.0



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

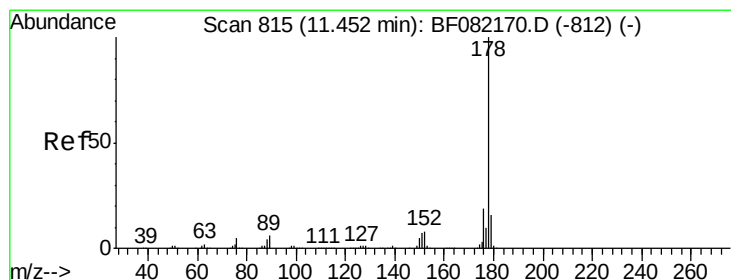
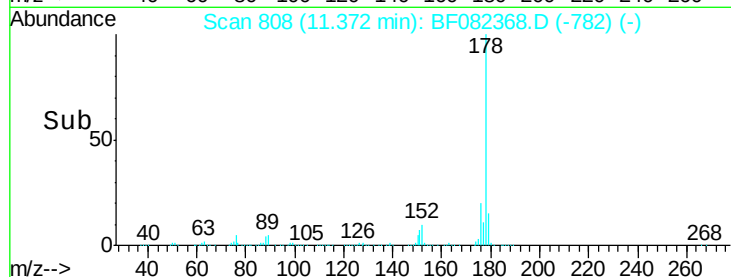
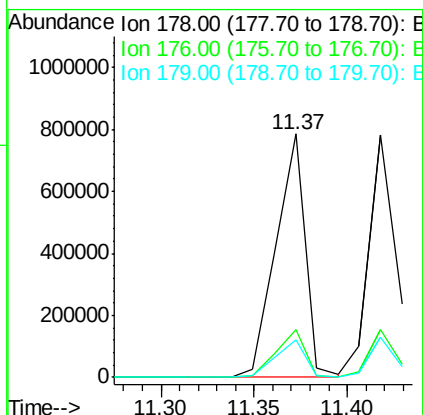
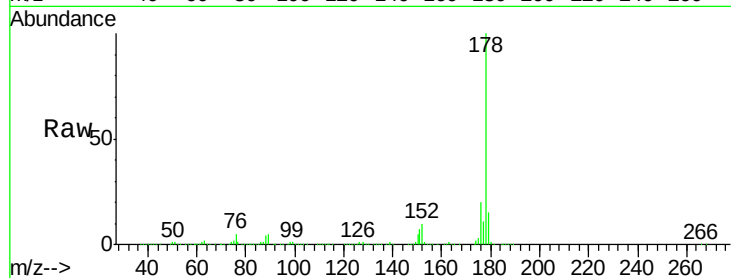




#70  
Phenanthrene  
Concen: 50.05 ng  
RT: 11.37 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

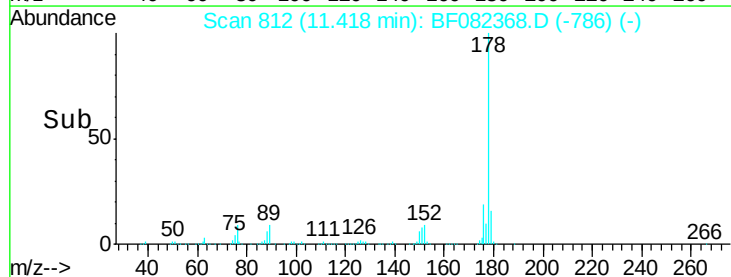
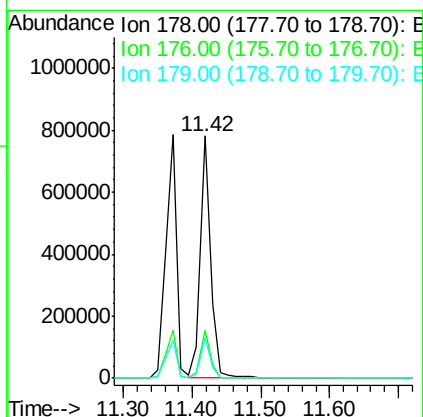
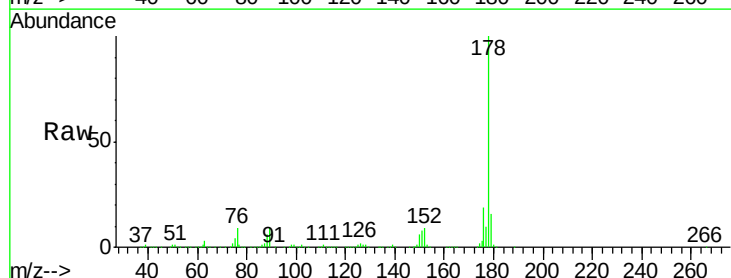
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

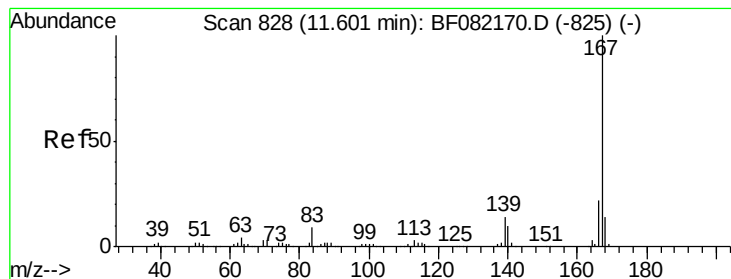
Tot Ion:178 Resp: 857113  
Ion Ratio Lower Upper  
178 100  
176 19.7 16.0 24.0  
179 15.4 12.6 19.0



#71  
Anthracene  
Concen: 45.52 ng  
RT: 11.42 min Scan# 812  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:178 Resp: 803299  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 16.4 12.5 18.7





#72

Carbazole

Concen: 43.79 ng

RT: 11.58 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

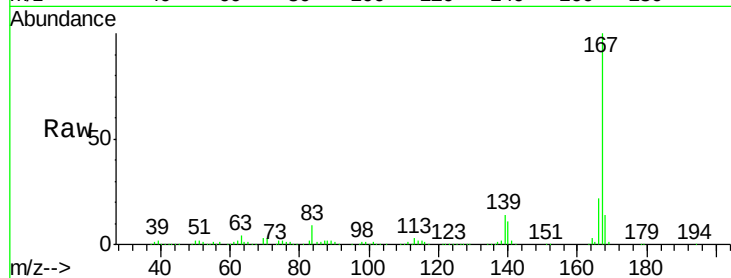
Tot Ion:167 Resp: 704920

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

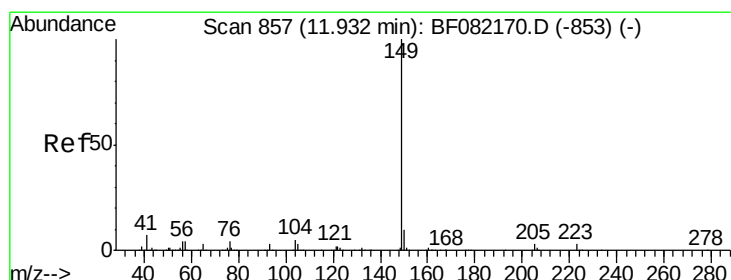
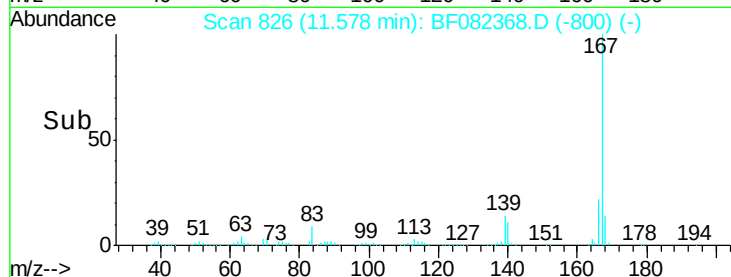
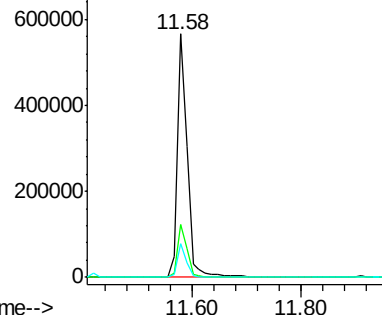
139 13.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.49 ng

RT: 11.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

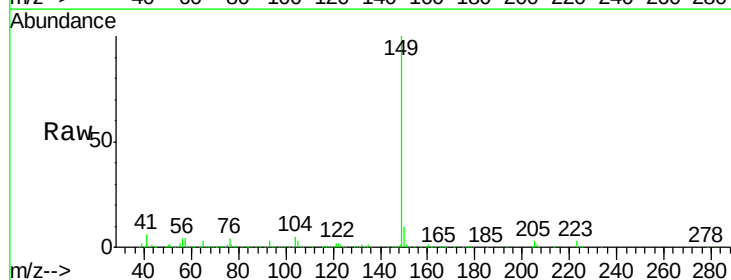
Tgt Ion:149 Resp: 943068

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

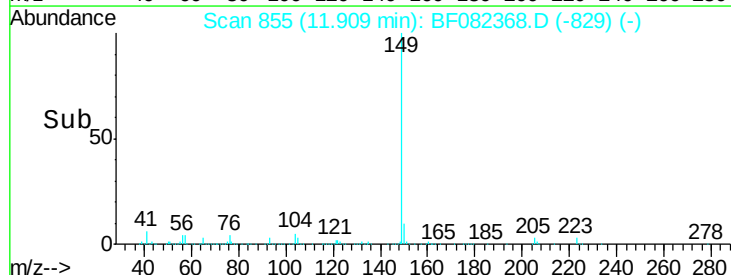
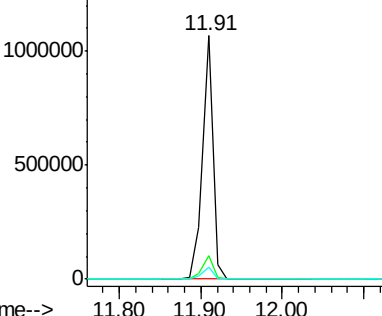
104 4.7 3.8 5.8



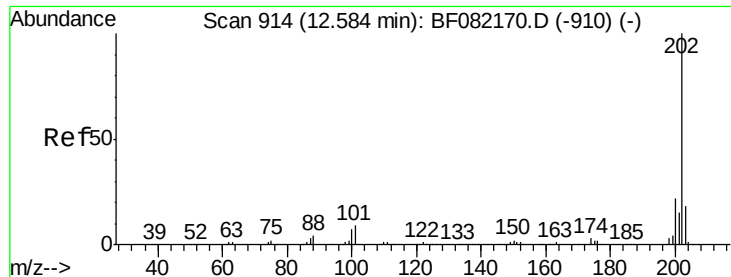
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



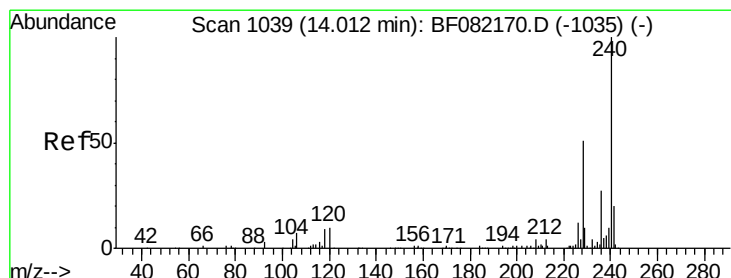
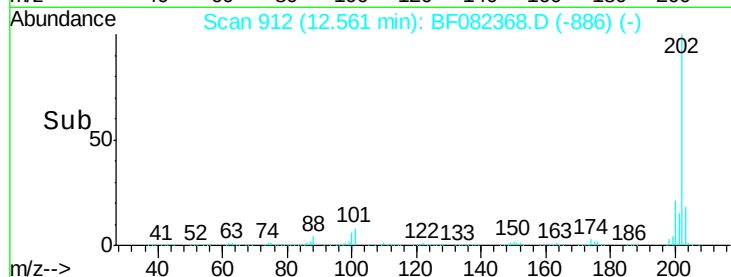
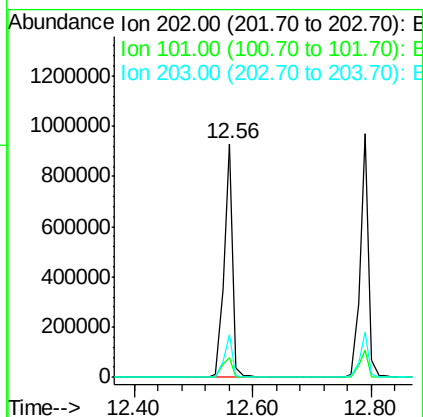
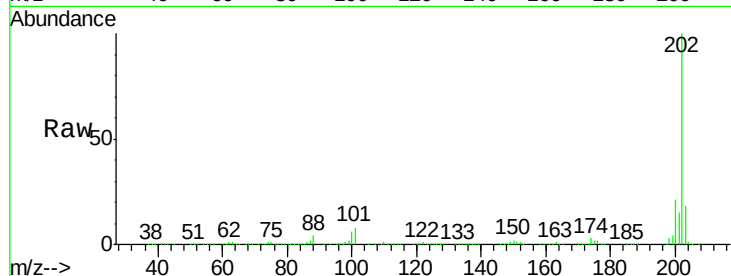




#74  
Fluoranthene  
Concen: 50.87 ng  
RT: 12.56 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

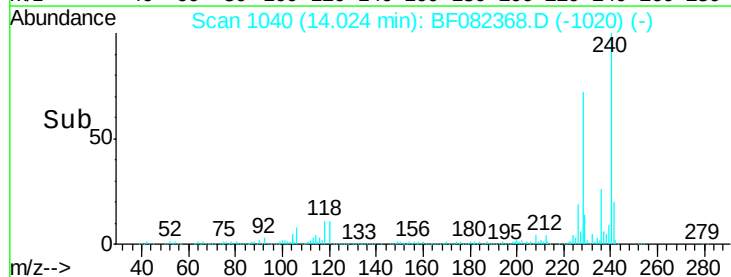
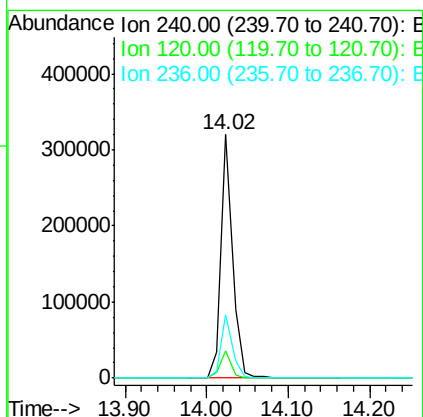
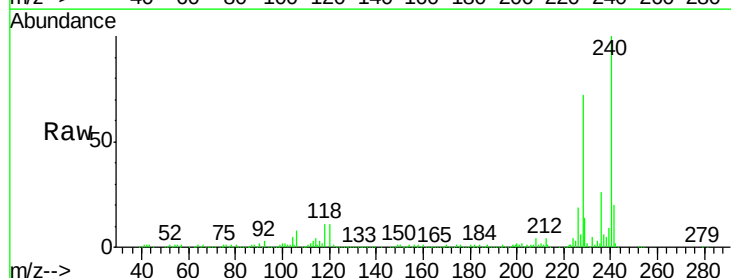
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

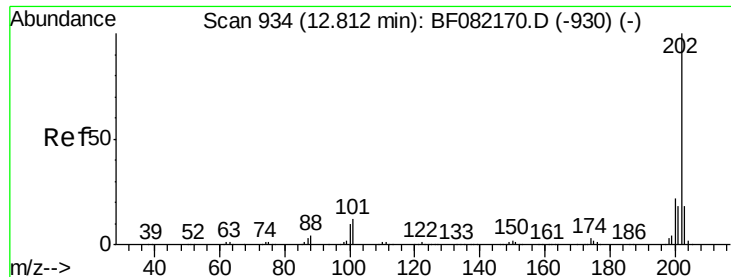
Tot Ion:202 Resp: 935632  
Ion Ratio Lower Upper  
202 100  
101 8.2 0.0 29.3  
203 18.1 0.0 37.8



#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.02 min Scan# 1040  
Delta R.T. -0.07 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:240 Resp: 315669  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.1 12.1  
236 25.9 21.3 31.9

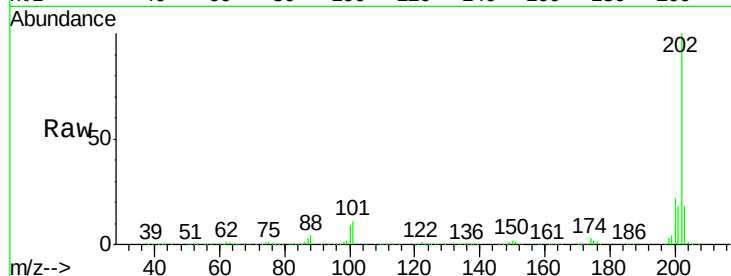




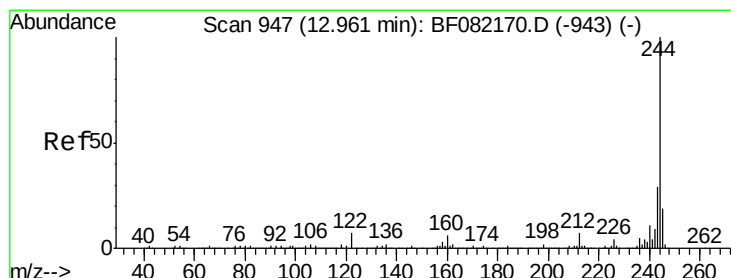
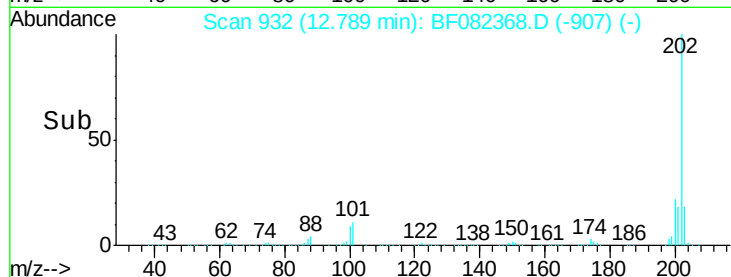
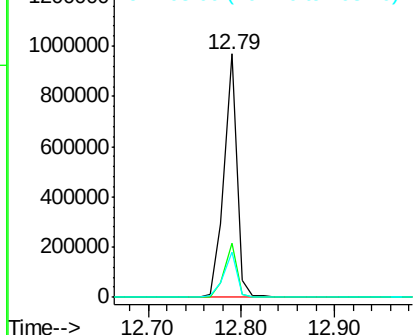
#77  
Pvrene  
Concen: 49.62 ng  
RT: 12.79 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

Tot Ion:202 Resp: 929474  
Ion Ratio Lower Upper  
202 100  
200 22.0 17.9 26.9  
203 18.5 14.5 21.7

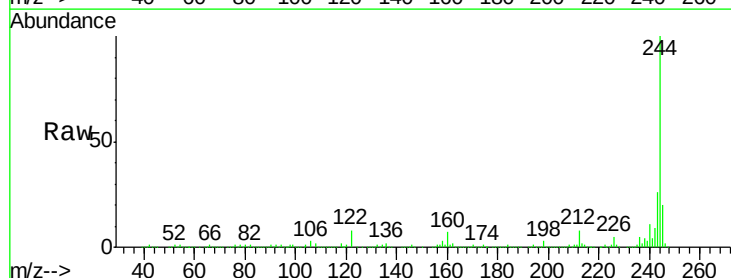


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

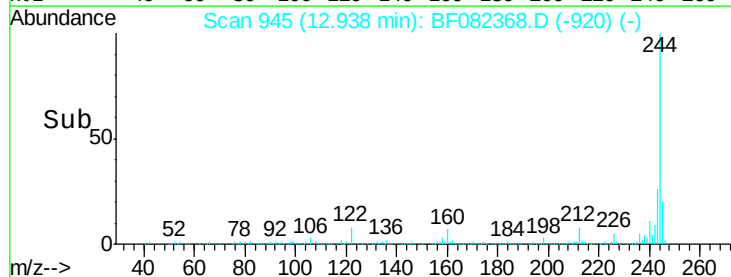
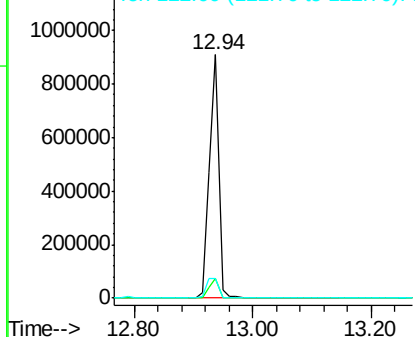


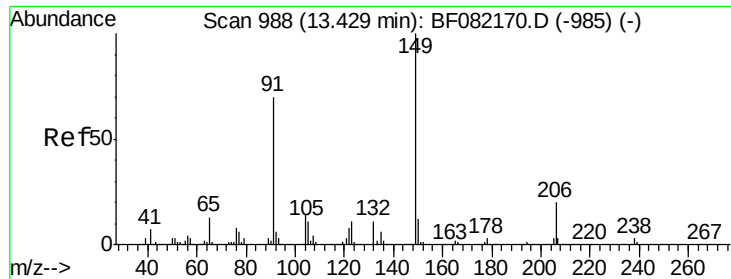
#78  
Terphenyl-d14  
Concen: 84.48 ng  
RT: 12.94 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:244 Resp: 1006336  
Ion Ratio Lower Upper  
244 100  
212 7.9 5.8 8.6  
122 8.3 5.9 8.9



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





#79

Butylbenzylphthalate

Concen: 46.44 ng

RT: 13.42 min Scan# 987

Delta R.T. -0.03 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

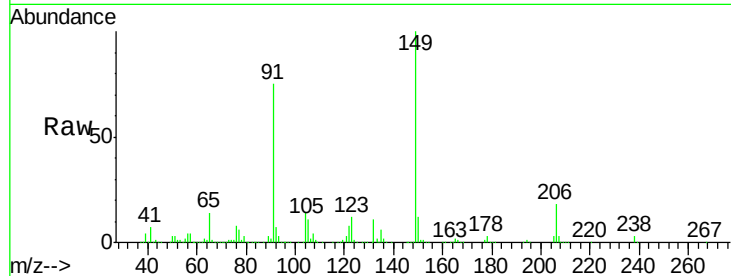
Tot Ion:149 Resp: 397029

Ion Ratio Lower Upper

149 100

91 74.6 55.7 83.5

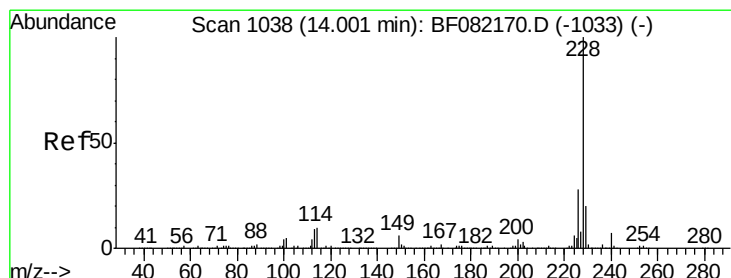
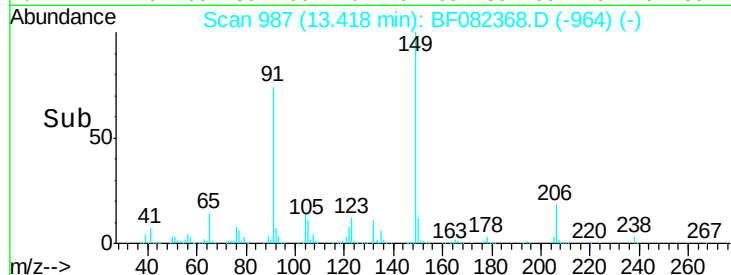
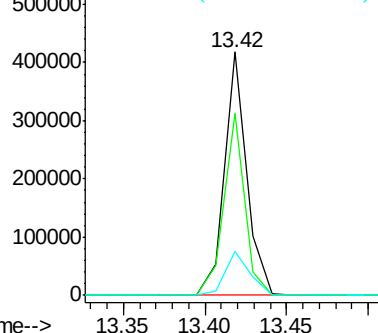
206 18.2 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.20 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

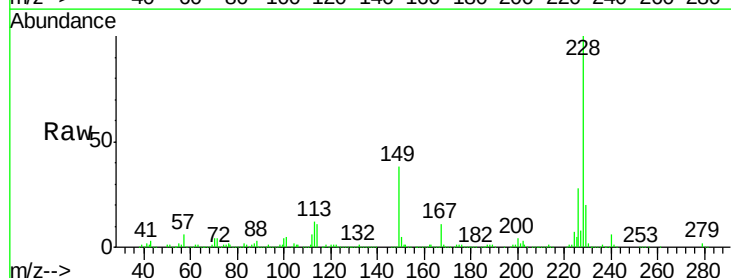
Tgt Ion:228 Resp: 726024

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

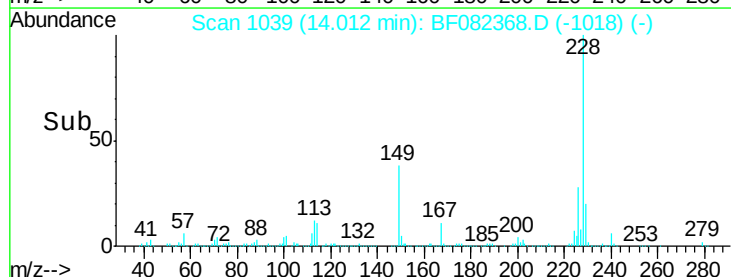
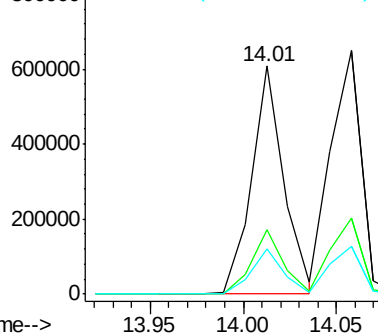
229 20.1 16.2 24.2

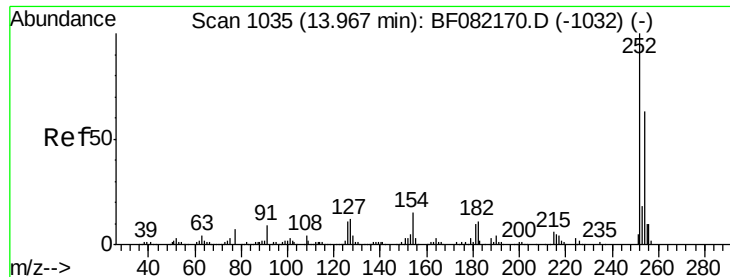


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 14.89 ng

RT: 13.98 min Scan# 1036

Delta R.T. -0.07 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

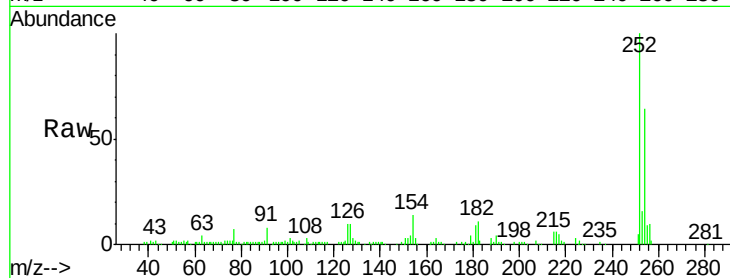
Tot Ion:252 Resp: 92854

Ion Ratio Lower Upper

252 100

254 63.6 50.7 76.1

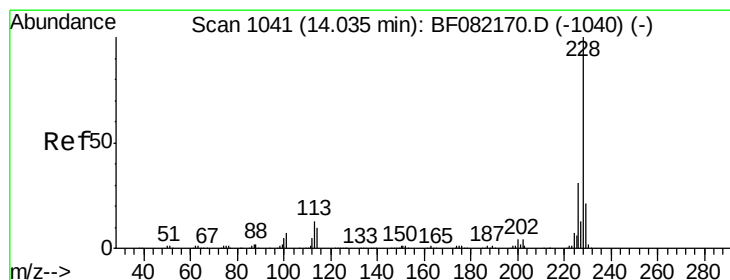
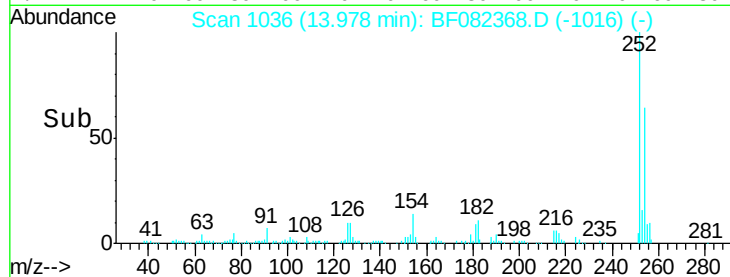
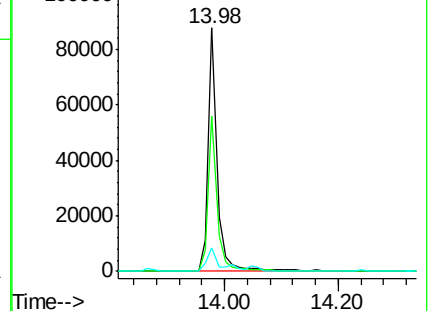
126 9.7 9.0 13.6



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: 43.89 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

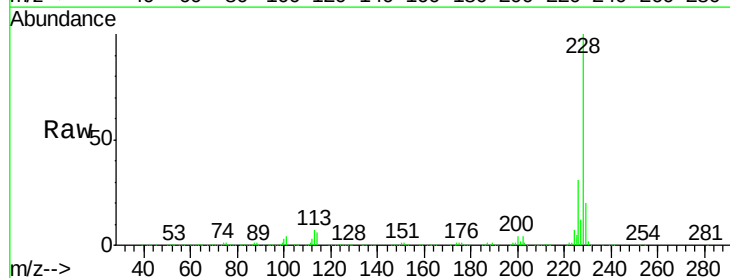
Tgt Ion:228 Resp: 759493

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

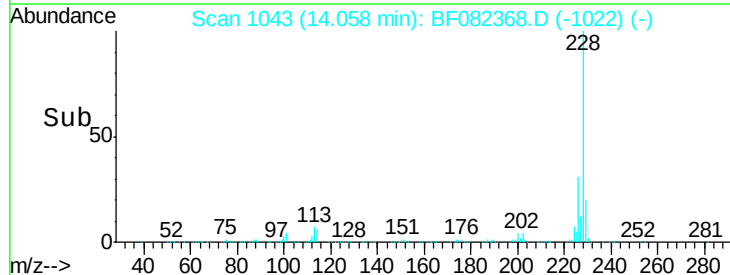
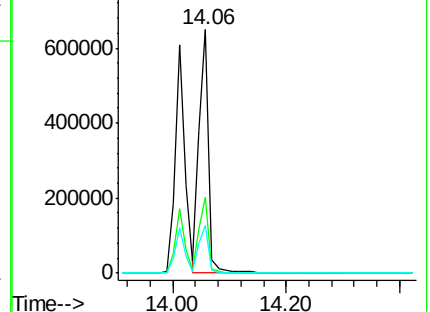
229 19.7 16.3 24.5

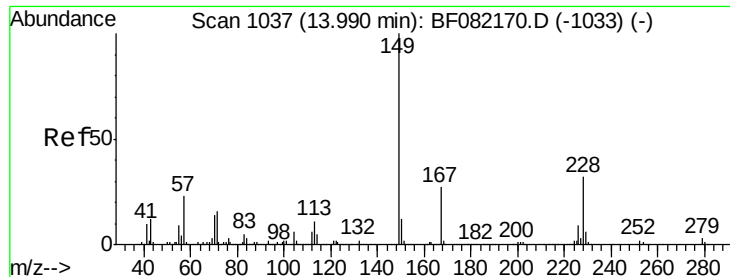


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

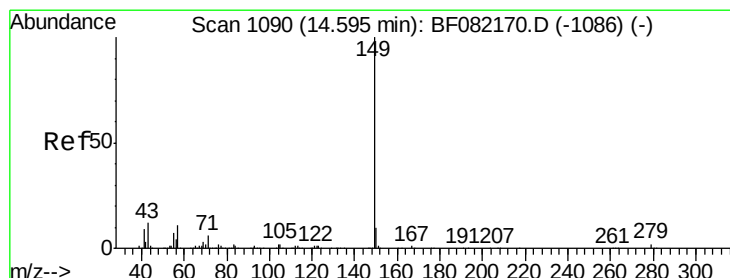
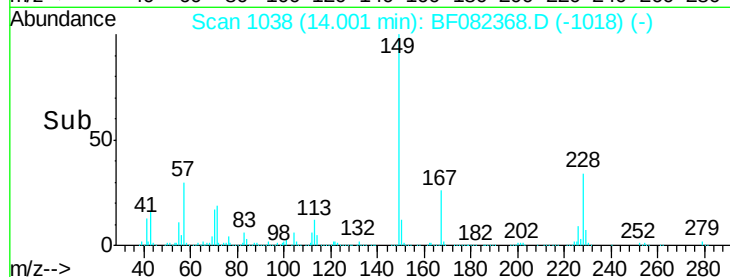
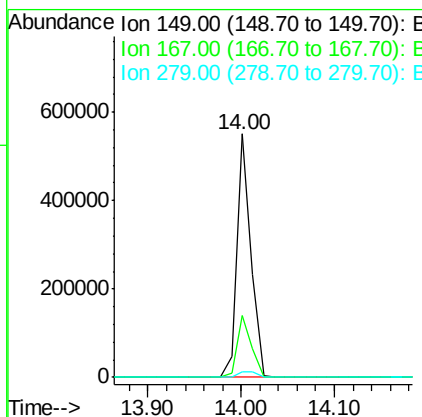
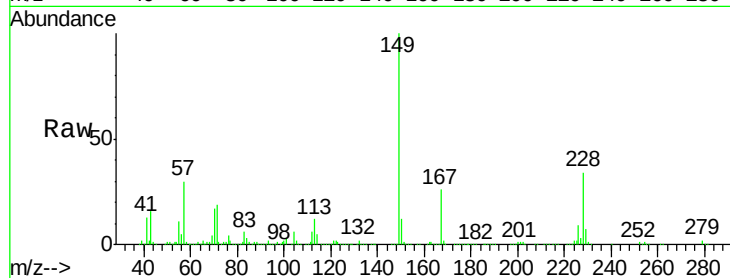




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.38 ng  
 RT: 14.00 min Scan# 1038  
 Delta R.T. -0.07 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

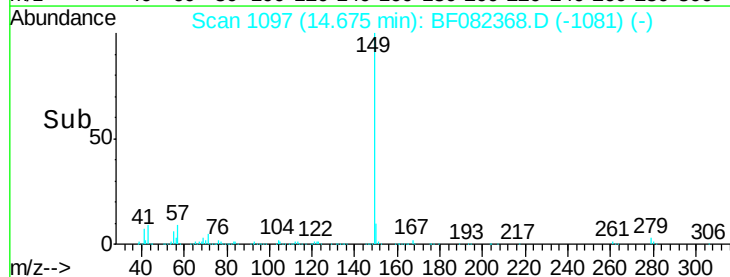
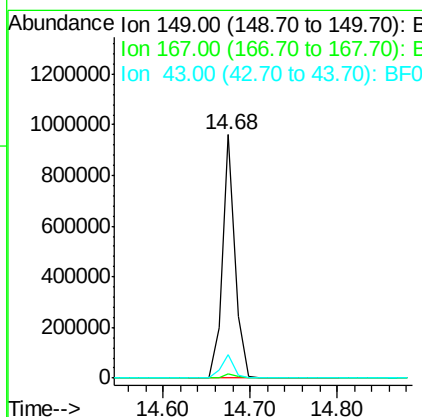
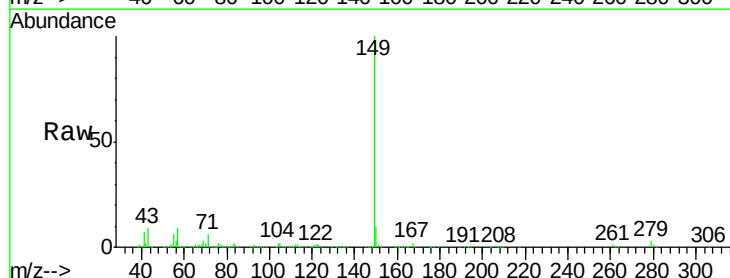
Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

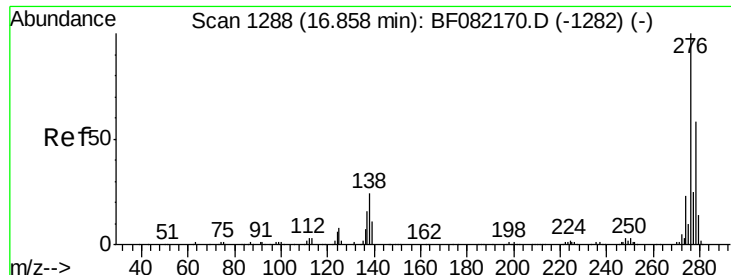
Tot Ion:149 Resp: 577957  
 Ion Ratio Lower Upper  
 149 100  
 167 25.6 21.3 31.9  
 279 2.2 2.6 4.0#



#84  
 Di-n-octyl phthalate  
 Concen: 46.39 ng  
 RT: 14.68 min Scan# 1097  
 Delta R.T. -0.11 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

Tgt Ion:149 Resp: 971772  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 9.1 7.4 11.2

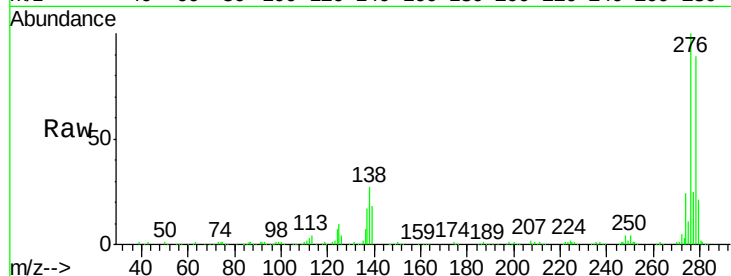




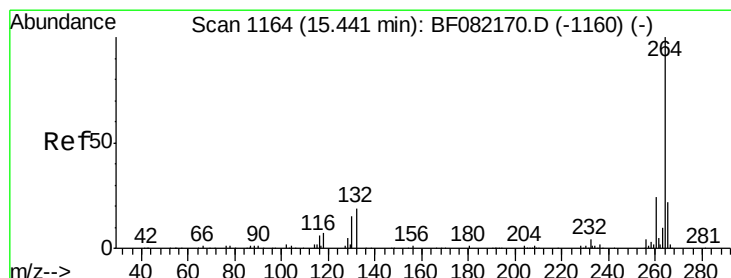
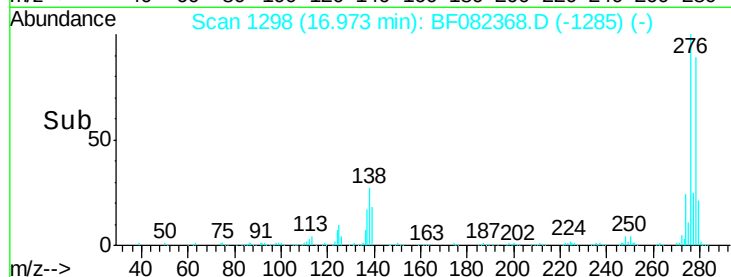
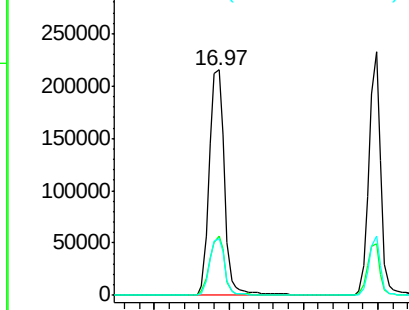
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.89 ng  
 RT: 16.97 min Scan# 1298  
 Delta R.T. -0.15 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 STOCKPILEMS

Tot Ion:276 Resp: 617409  
 Ion Ratio Lower Upper  
 276 100  
 138 26.0 19.7 29.5  
 277 24.9 20.1 30.1

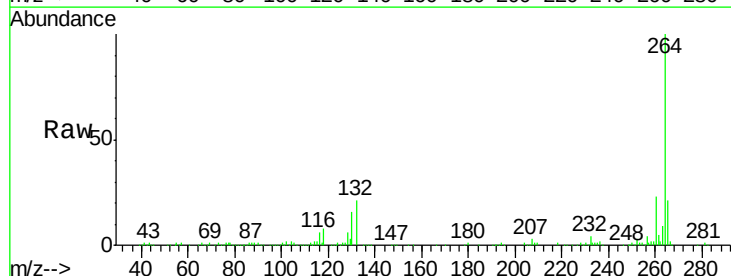


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

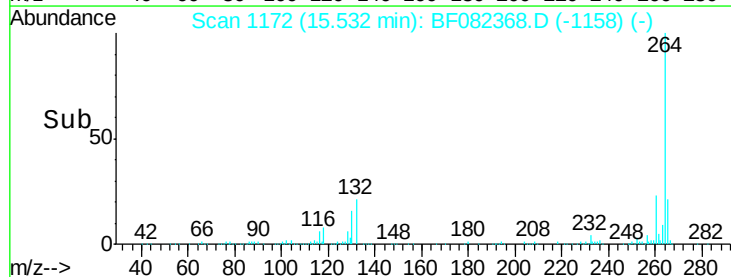
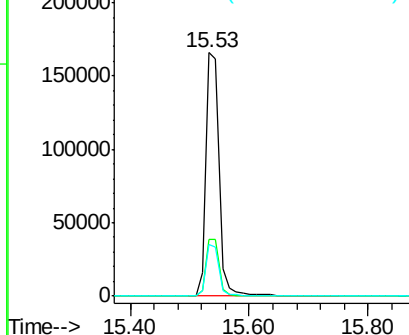


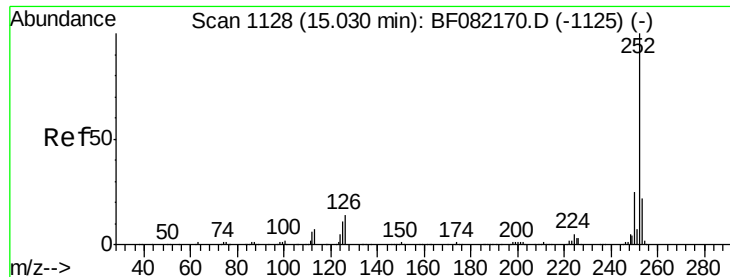
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.53 min Scan# 1172  
 Delta R.T. -0.14 min  
 Lab File: BF082368.D  
 Acq: 19 Oct 2015 21:16

Tgt Ion:264 Resp: 260614  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.0 28.6  
 265 21.4 17.3 25.9



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: 84.42 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.09 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

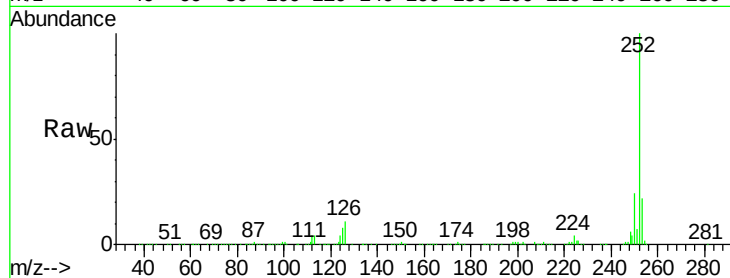
Tot Ion:252 Resp: 1338496

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

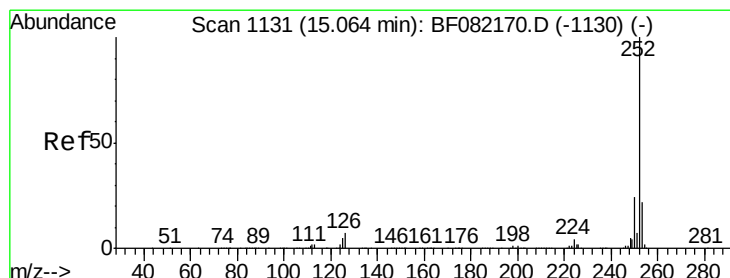
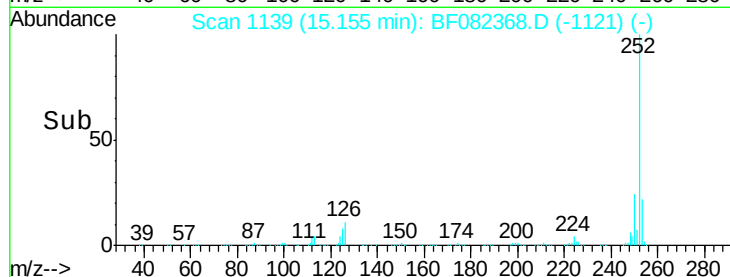
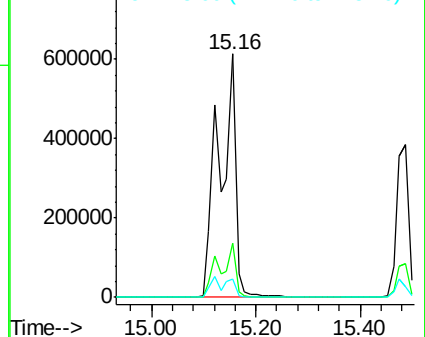
125 7.6 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 100.52 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.13 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

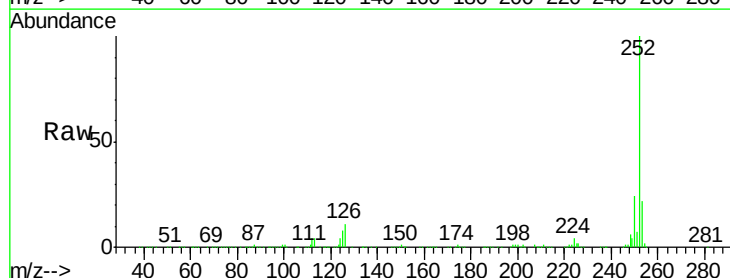
Tgt Ion:252 Resp: 1339580

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

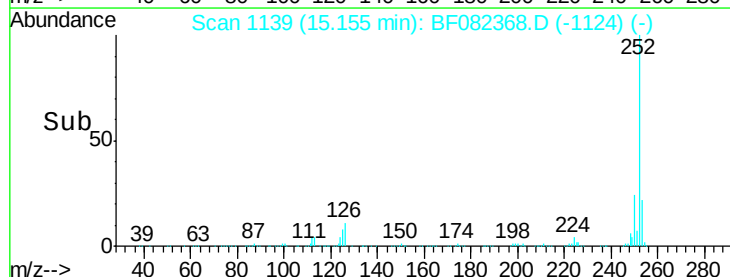
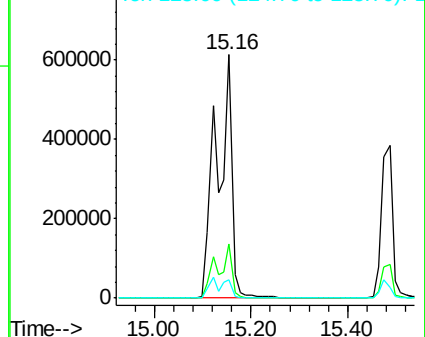
125 7.6 6.7 10.1

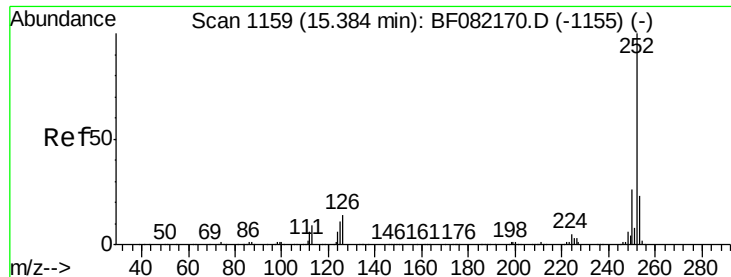


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

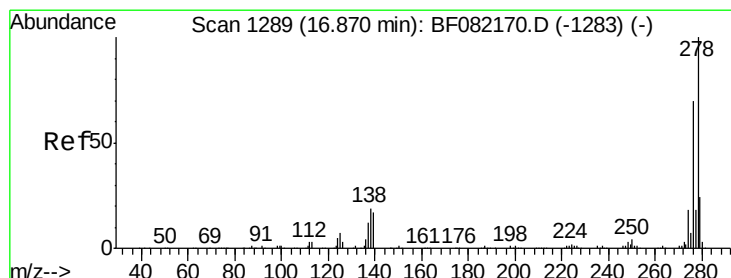
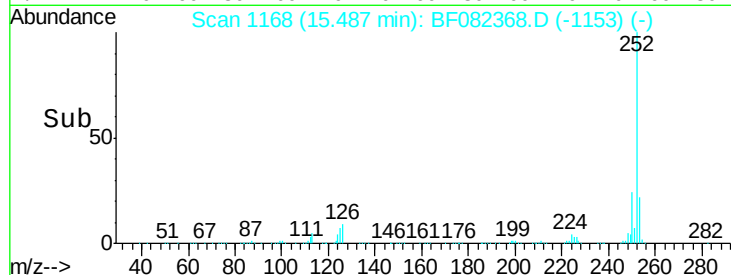
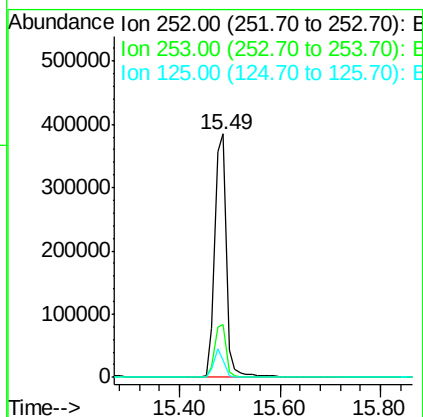
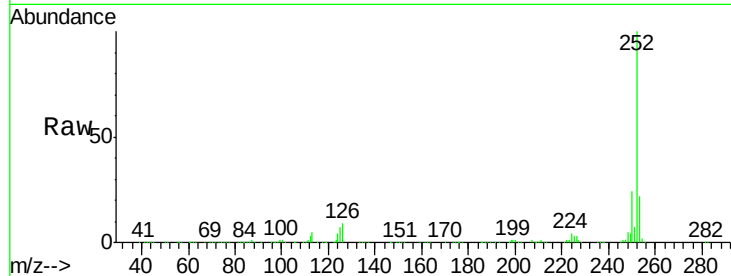




#89  
Benzo(a)pyrene  
Concen: 45.52 ng  
RT: 15.49 min Scan# 1168  
Delta R.T. -0.13 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

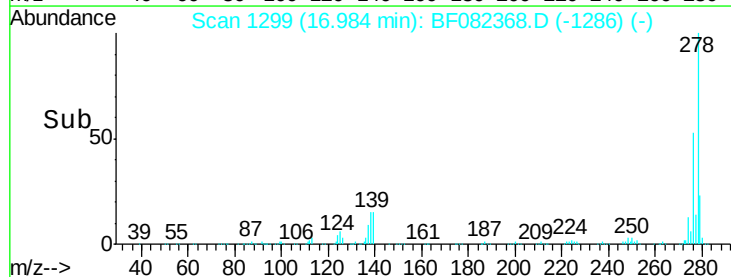
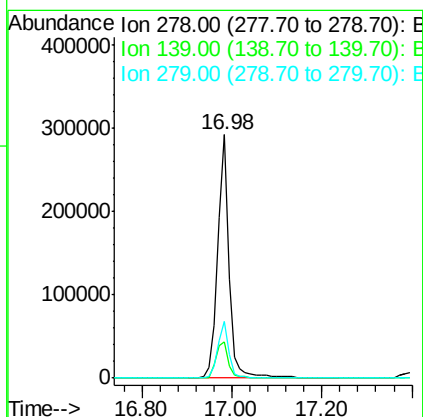
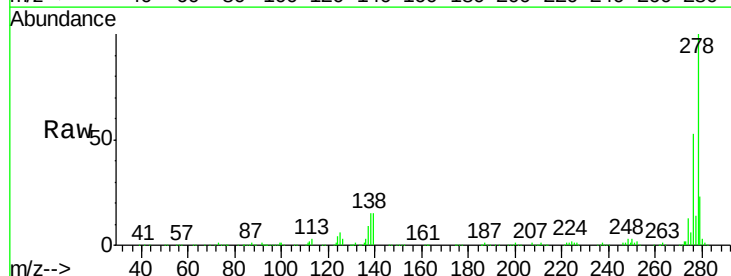
Instrument :  
BNA\_F  
ClientSampleId :  
STOCKPILEMS

Tot Ion:252 Resp: 620329  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.2 27.2  
125 7.1 8.9 13.3#

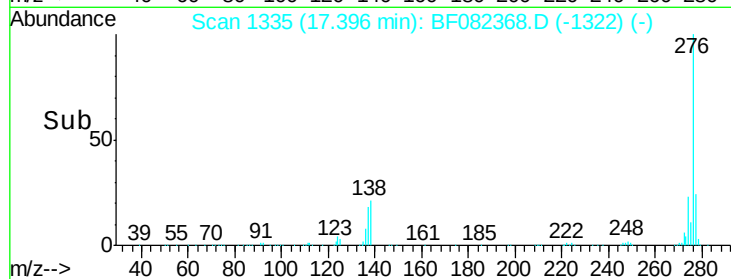
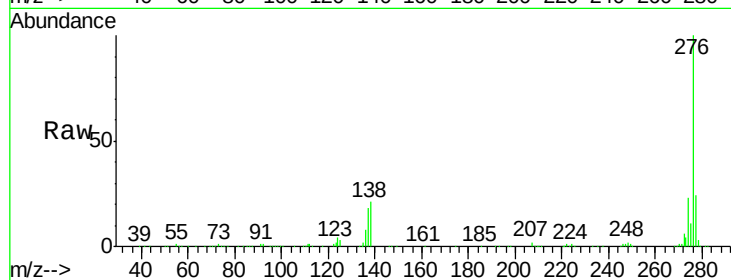
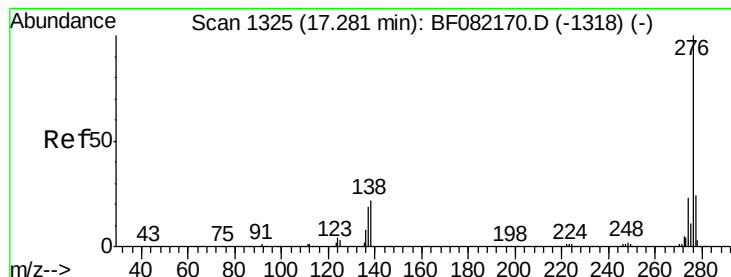


#90  
Dibenzo(a,h)anthracene  
Concen: 46.35 ng  
RT: 16.98 min Scan# 1299  
Delta R.T. -0.15 min  
Lab File: BF082368.D  
Acq: 19 Oct 2015 21:16

Tgt Ion:278 Resp: 517598  
Ion Ratio Lower Upper  
278 100  
139 15.0 13.3 19.9  
279 23.3 18.9 28.3







#91

Benzo(a,h,i)perylene

Concen: 46.91 ng

RT: 17.40 min Scan# 1335

Delta R.T. -0.15 min

Lab File: BF082368.D

Acq: 19 Oct 2015 21:16

Instrument :

BNA\_F

ClientSampleId :

STOCKPILEMS

Tot Ion: 276 Resp: 508863

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.3 17.4 26.2

