

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\  
 Data File : BF081871.D  
 Acq On : 29 Sep 2015 7:34  
 Operator : UM/IZ  
 Sample : G3717-10MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

Manual Integrations  
 APPROVED

MMDadoda

9/29/2015 12:11:21 PM

Quant Time: Sep 29 08:36:41 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 18:10:42 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 101049   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.22  | 136  | 388358   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.98  | 164  | 192484   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.47 | 188  | 365737   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12          | 14.12 | 240  | 343558   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.58 | 264  | 253152   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.53  | 112  | 415935   | 74.72  | ng    | 0.01     |
| 7) Phenol-d6                | 6.56  | 99   | 369589   | 52.76  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.51  | 82   | 697726   | 119.76 | ng    | 0.01     |
| 41) 2,4,6-Tribromophenol    | 10.78 | 330  | 327255   | 167.87 | ng    | 0.01     |
| 44) 2-Fluorobiphenyl        | 9.30  | 172  | 1270685  | 119.82 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.05 | 244  | 1149691  | 122.66 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.58 | 88   | 48762    | 20.14 | ng    | 88     |
| 3) Pyridine                    | 3.36 | 79   | 85818    | 13.62 | ng    | 88     |
| 4) n-Nitrosodimethylamine      | 3.29 | 42   | 53012    | 18.52 | ng    | # 99   |
| 6) Aniline                     | 6.61 | 93   | 180471   | 19.18 | ng    | # 89   |
| 8) 2-Chlorophenol              | 6.72 | 128  | 247134   | 40.20 | ng    | 97     |
| 9) Benzaldehyde                | 6.48 | 77   | 98517    | 21.48 | ng    | # 82   |
| 10) Phenol                     | 6.57 | 94   | 133862   | 17.04 | ng    | 74     |
| 11) bis(2-Chloroethyl)ether    | 6.66 | 93   | 313421   | 51.44 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 6.87 | 146  | 312926m  | 43.10 | ng    |        |
| 13) 1,4-Dichlorobenzene        | 6.95 | 146  | 335713m  | 44.28 | ng    |        |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146  | 289640   | 42.87 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.07 | 79   | 170122   | 33.65 | ng    | # 74   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45   | 439033   | 50.97 | ng    | 79     |
| 17) 2-Methylphenol             | 7.19 | 107  | 176014   | 35.32 | ng    | # 85   |
| 18) Hexachloroethane           | 7.44 | 117  | 102553   | 43.21 | ng    | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70   | 213626   | 50.18 | ng    | # 77   |
| 20) 3+4-Methylphenols          | 7.34 | 107  | 198637   | 31.56 | ng    | # 34   |
| 22) Acetophenone               | 7.35 | 105  | 416900   | 52.50 | ng    | # 84   |
| 24) Nitrobenzene               | 7.52 | 77   | 319835   | 50.56 | ng    | # 68   |
| 25) Isophorone                 | 7.76 | 82   | 602837   | 52.21 | ng    | # 93   |
| 26) 2-Nitrophenol              | 7.84 | 139  | 167019   | 55.00 | ng    | # 79   |
| 27) 2,4-Dimethylphenol         | 7.87 | 122  | 249293   | 46.67 | ng    | # 83   |
| 28) bis(2-Chloroethoxy)methane | 7.98 | 93   | 355959   | 51.91 | ng    | # 96   |
| 29) 2,4-Dichlorophenol         | 8.08 | 162  | 269898   | 52.10 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180  | 283573   | 49.04 | ng    | 98     |
| 31) Naphthalene                | 8.24 | 128  | 820174m  | 47.66 | ng    |        |
| 32) Benzoic acid               | 7.98 | 122  | 62685    | 23.96 | ng    | # 73   |
| 33) 4-Chloroaniline            | 8.31 | 127  | 199426   | 26.80 | ng    | # 94   |
| 34) Hexachlorobutadiene        | 8.35 | 225  | 161845   | 47.32 | ng    | 98     |
| 36) 4-Chloro-3-methylphenol    | 8.77 | 107  | 257771   | 50.89 | ng    | # 79   |
| 37) 2-Methylnaphthalene        | 8.94 | 142  | 617000   | 52.53 | ng    | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.10 | 216  | 289301   | 48.96 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 9.09 | 237  | 246137   | 80.88 | ng    | 96     |
| 42) 2,4,6-Trichlorophenol      | 9.21 | 196  | 193911   | 47.87 | ng    | 98     |

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Manual Integrations  
 APPROVED

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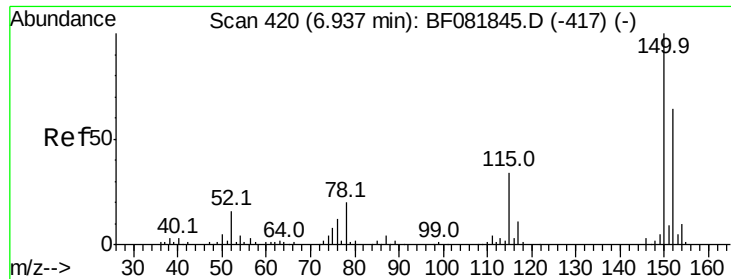
9/29/2015 12:11:21 PM

Quant Time: Sep 29 08:36:41 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.26  | 196  | 216127   | 51.88  | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.41  | 154  | 746565   | 50.27  | nq    | 94       |
| 46) 2-Chloronaphthalene        | 9.43  | 162  | 588441   | 50.47  | nq    | 94       |
| 47) 2-Nitroaniline             | 9.53  | 65   | 181292   | 52.96  | nq    | 88       |
| 48) Acenaphthylene             | 9.84  | 152  | 847510   | 45.41  | nq    | 96       |
| 49) Dimethylphthalate          | 9.70  | 163  | 638812   | 48.08  | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 9.77  | 165  | 164967   | 57.19  | nq    | # 92     |
| 51) Acenaphthene               | 10.01 | 154  | 596196   | 53.80  | nq    | 90       |
| 52) 3-Nitroaniline             | 9.94  | 138  | 94892    | 28.43  | nq    | # 76     |
| 53) 2,4-Dinitrophenol          | 10.05 | 184  | 151647   | 95.20  | nq    | # 68     |
| 54) Dibenzofuran               | 10.18 | 168  | 777697   | 49.66  | nq    | # 84     |
| 55) 4-Nitrophenol              | 10.10 | 139  | 99657    | 41.33  | nq    | # 51     |
| 56) 2,4-Dinitrotoluene         | 10.17 | 165  | 208250   | 56.63  | nq    | # 83     |
| 57) Fluorene                   | 10.53 | 166  | 603197   | 54.29  | nq    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.31 | 232  | 177600   | 53.74  | nq    | # 36     |
| 59) Diethylphthalate           | 10.40 | 149  | 631019   | 50.85  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.53 | 204  | 296803   | 51.76  | nq    | 96       |
| 61) 4-Nitroaniline             | 10.56 | 138  | 143619   | 42.92  | nq    | # 45     |
| 62) Azobenzene                 | 10.69 | 77   | 657186   | 54.26  | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.58 | 198  | 102064   | 58.50  | nq    | # 64     |
| 65) n-Nitrosodiphenylamine     | 10.64 | 169  | 530155   | 47.91  | nq    | 92       |
| 66) 4-Bromophenyl-phenylether  | 11.02 | 248  | 199304   | 54.05  | nq    | # 88     |
| 67) Hexachlorobenzene          | 11.07 | 284  | 216314   | 51.98  | nq    | # 86     |
| 68) Atrazine                   | 11.19 | 200  | 170364   | 49.62  | nq    | 84       |
| 69) Pentachlorophenol          | 11.27 | 266  | 250057   | 105.45 | nq    | 96       |
| 70) Phenanthrene               | 11.50 | 178  | 980567   | 56.12  | nq    | 95       |
| 71) Anthracene                 | 11.54 | 178  | 944069   | 50.79  | nq    | 97       |
| 72) Carbazole                  | 11.70 | 167  | 868001   | 51.59  | nq    | 94       |
| 73) Di-n-butylphthalate        | 12.03 | 149  | 1003496  | 58.98  | nq    | # 99     |
| 74) Fluoranthene               | 12.69 | 202  | 1072255  | 54.73  | nq    | 88       |
| 77) Pyrene                     | 12.91 | 202  | 1061677m | 51.73  | nq    |          |
| 79) Butylbenzylphthalate       | 13.53 | 149  | 444206   | 57.52  | nq    | 94       |
| 80) Benzo(a)anthracene         | 14.10 | 228  | 928065   | 50.17  | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 14.07 | 252  | 38264    | 6.12   | nq    | # 96     |
| 82) Chrysene                   | 14.14 | 228  | 772263   | 52.02  | nq    | 94       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 550315   | 56.80  | nq    | # 89     |
| 84) Di-n-octyl phthalate       | 14.70 | 149  | 929853   | 58.98  | nq    | # 91     |
| 85) Indeno(1,2,3-cd)pyrene     | 17.05 | 276  | 796473   | 55.03  | nq    | # 86     |
| 87) Benzo(b)fluoranthene       | 15.16 | 252  | 731645   | 50.62  | nq    | # 86     |
| 88) Benzo(k)fluoranthene       | 15.19 | 252  | 745708m  | 56.29  | nq    |          |
| 89) Benzo(a)pyrene             | 15.52 | 252  | 681850   | 54.39  | nq    | # 87     |
| 90) Dibenzo(a,h)anthracene     | 17.08 | 278  | 642563   | 61.09  | nq    | # 80     |
| 91) Benzo(g,h,i)perylene       | 17.50 | 276  | 683522   | 63.41  | nq    | # 77     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

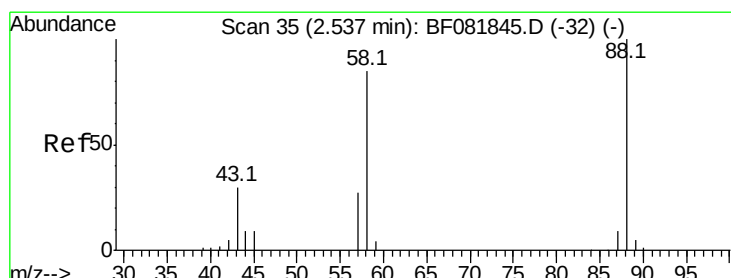
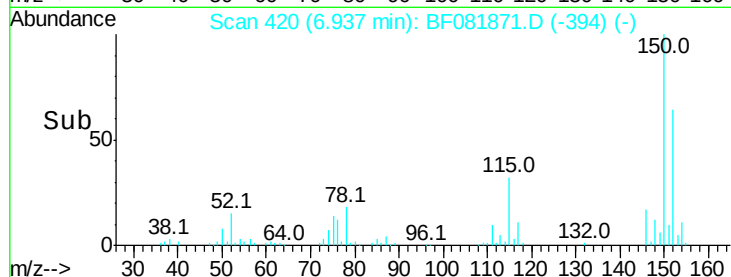
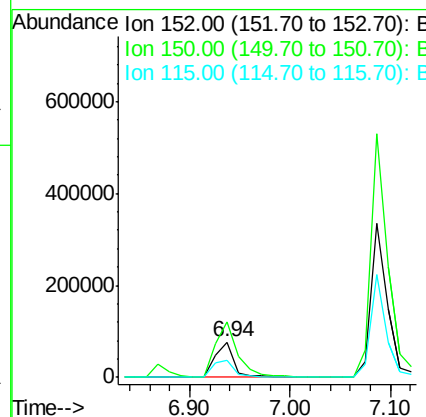
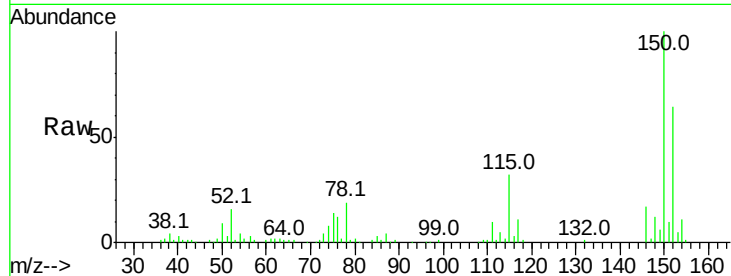
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.0 | 124.7 | 187.1 |
| 115     | 49.6  | 39.0  | 58.4  |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 20.14 ng

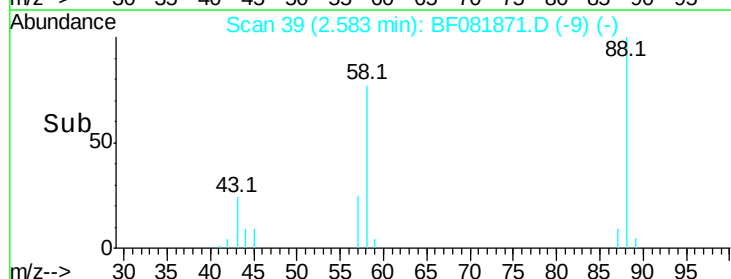
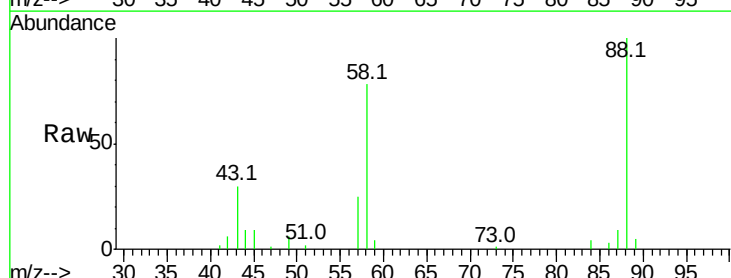
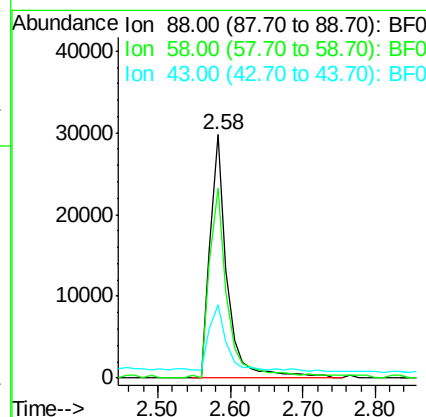
RT: 2.58 min Scan# 39

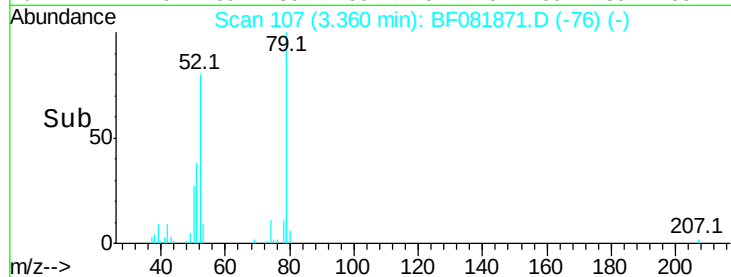
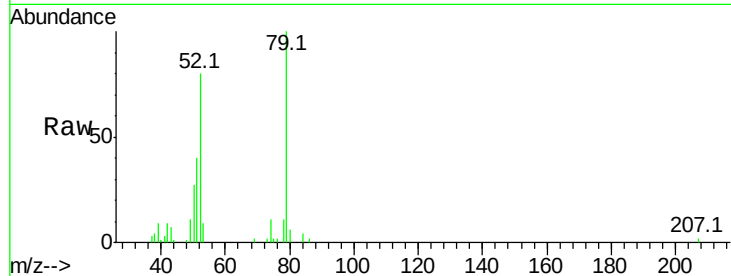
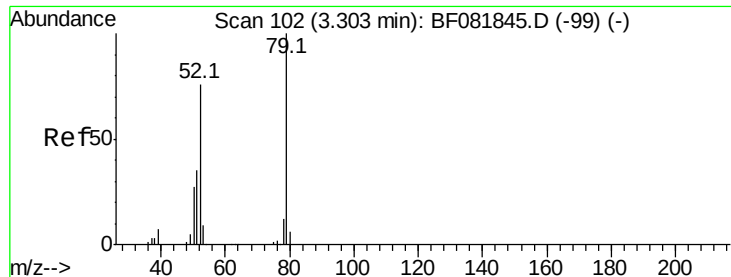
Delta R.T. 0.05 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 85.0  | 77.7  | 116.5 |
| 43      | 26.8  | 26.6  | 40.0  |





#3  
 Pvridine  
 Concen: 13.62 ng  
 RT: 3.36 min Scan# 107  
 Delta R.T. 0.06 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

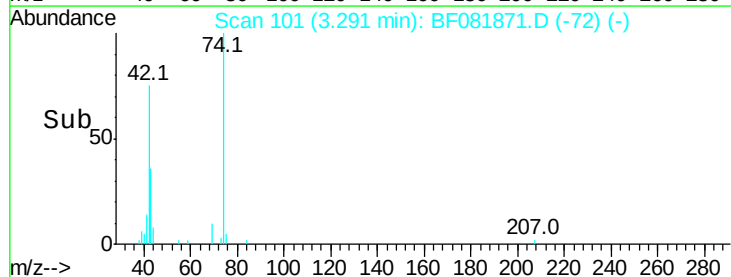
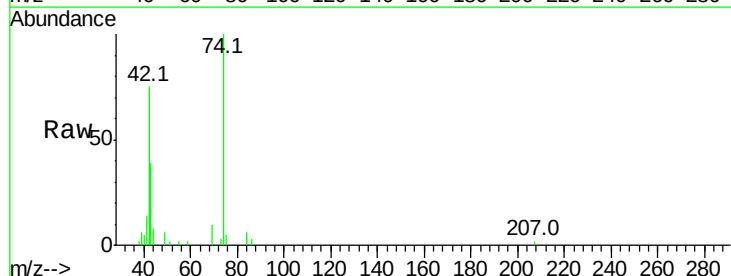
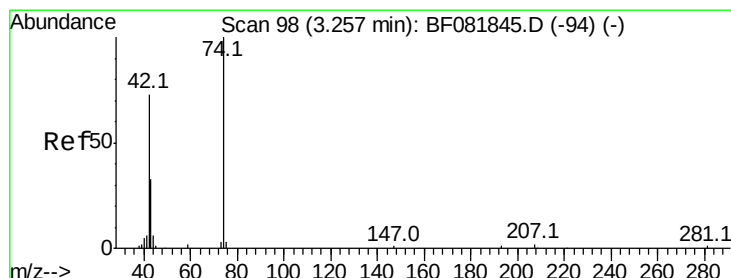
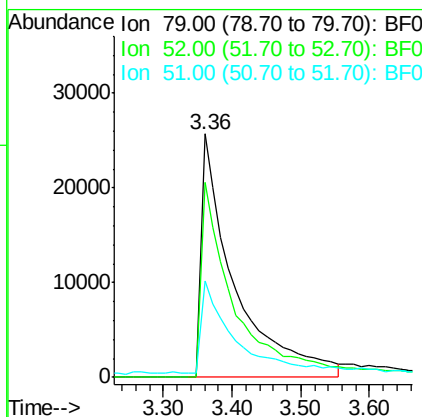
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 79.9  | 76.8  | 115.2 |
| 51      | 39.7  | 32.2  | 48.4  |

Instrument :  
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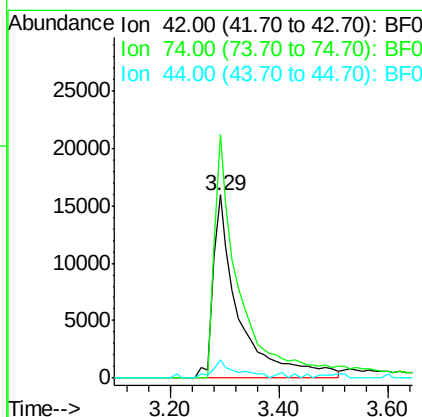
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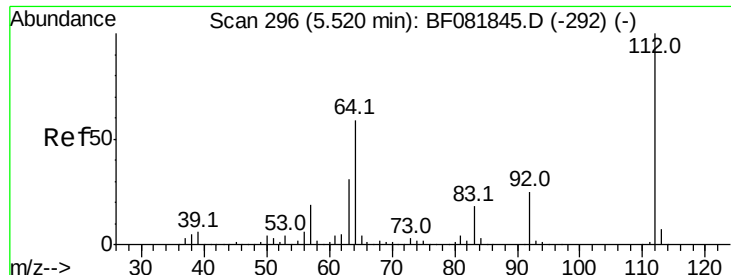
9/29/2015 12:11:21 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 18.52 ng  
 RT: 3.29 min Scan# 101  
 Delta R.T. 0.03 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 132.8 | 105.0 | 157.6 |
| 44      | 10.1  | 6.6   | 10.0  |





#5  
2-Fluorophenol  
Concen: 74.72 ng  
RT: 5.53 min Scan# 297  
Delta R.T. 0.01 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

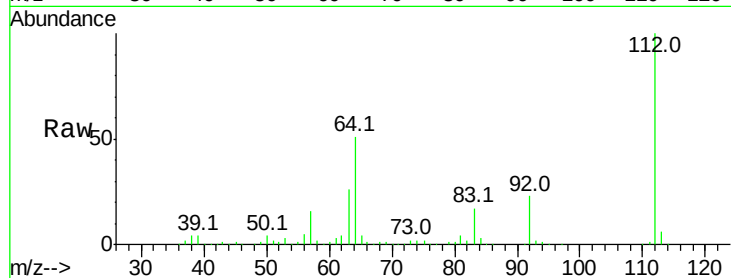
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 112     | 100   |            |            |
| 64      | 50.7  | 39.7       | 59.5       |
| 63      | 26.1  | 17.4       | 26.0       |

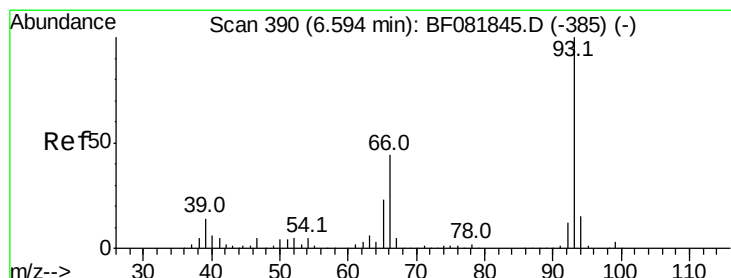
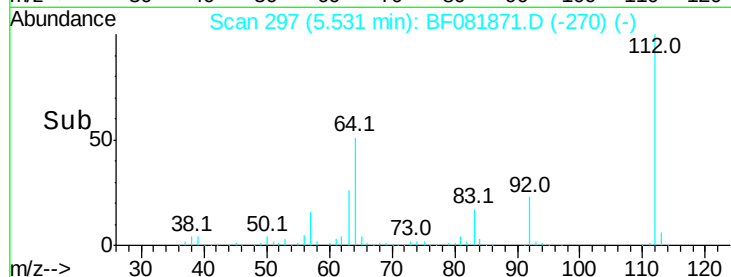
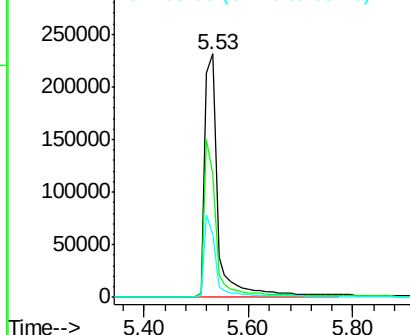
Manual Integrations  
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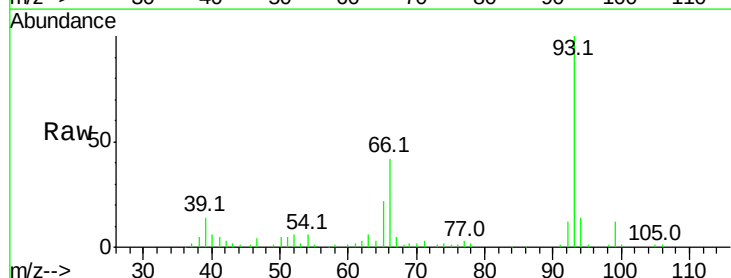


Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0

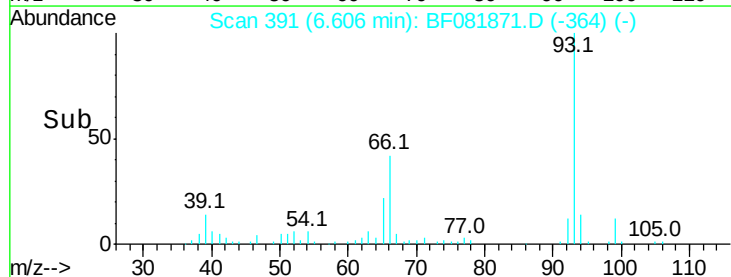
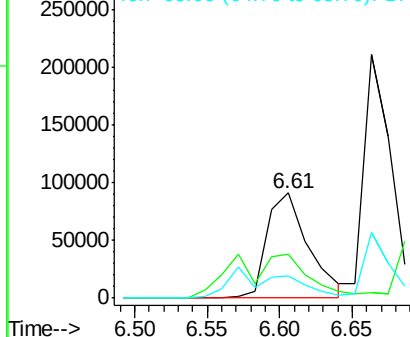


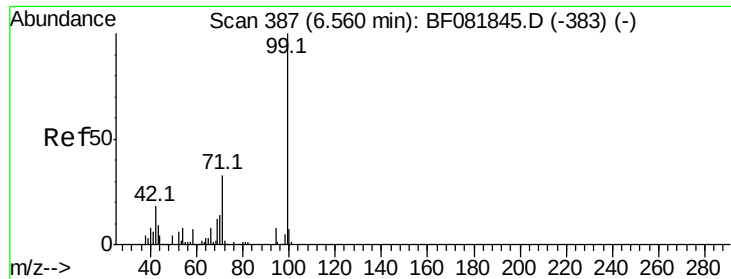
#6  
Aniline  
Concen: 19.18 ng  
RT: 6.61 min Scan# 391  
Delta R.T. 0.01 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 66      | 41.6  | 27.2       | 40.8       |
| 65      | 21.7  | 14.7       | 22.1       |



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: 52.76 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081871.D

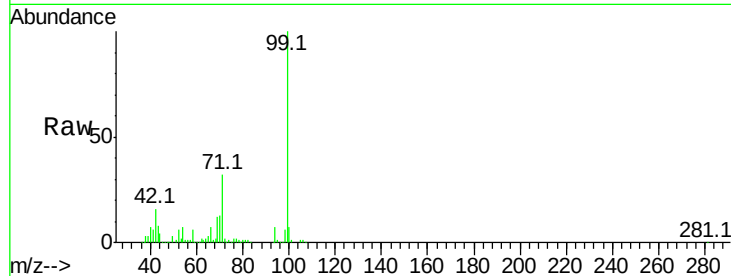
Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

PZ-1-9-17-15MSD

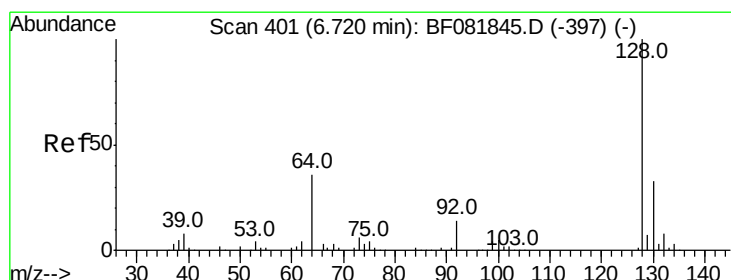
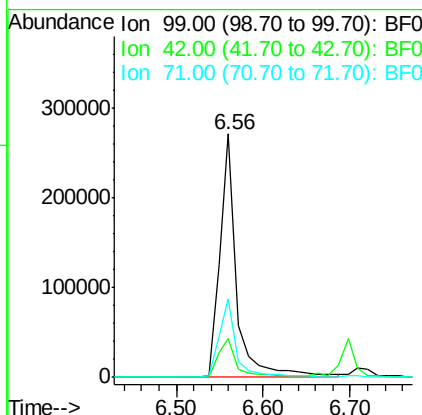
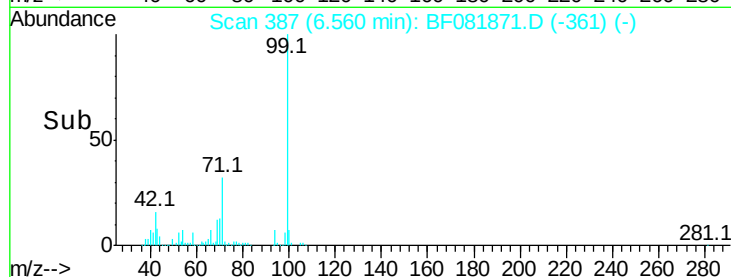


| Tot Ion | 99   | Ratio | 100 | Resp | 369589 | Lower | Upper |
|---------|------|-------|-----|------|--------|-------|-------|
| 99      | 100  |       |     |      |        |       |       |
| 42      | 15.9 |       |     | 13.7 |        | 20.5  |       |
| 71      | 32.1 |       |     | 14.2 |        | 21.2  |       |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 40.20 ng

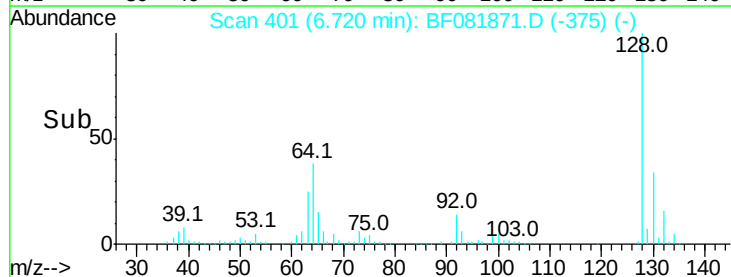
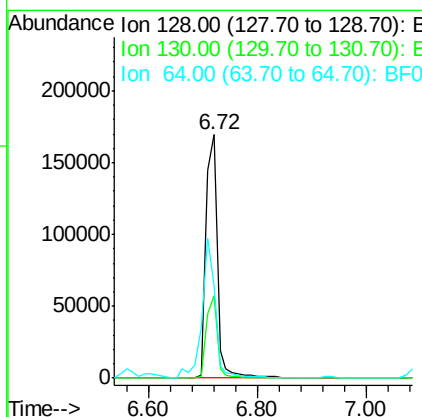
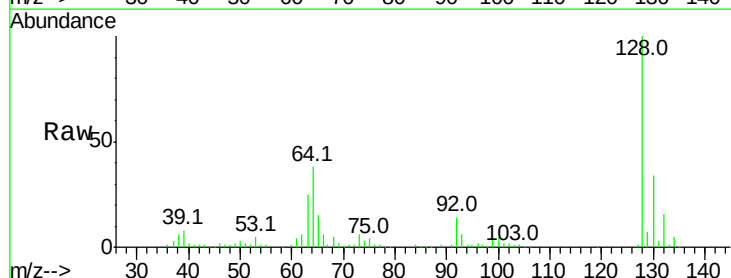
RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

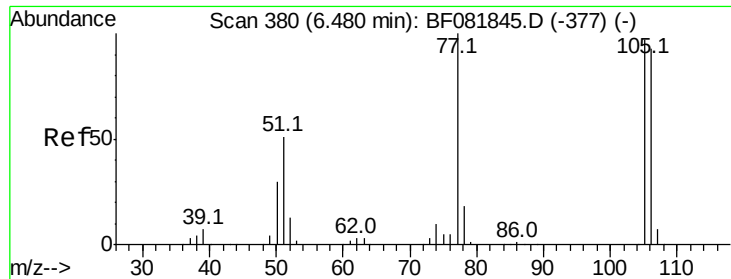
Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

| Tgt Ion | 128  | Ratio | 100 | Resp | 247134 | Lower | Upper |
|---------|------|-------|-----|------|--------|-------|-------|
| 128     | 100  |       |     |      |        |       |       |
| 130     | 33.6 |       |     | 12.2 |        | 52.2  |       |
| 64      | 37.9 |       |     | 20.5 |        | 60.5  |       |







#9

Benzaldehyde

Concen: 21.48 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion: 77 Resp: 98517

Ion Ratio Lower Upper

77 100

105 100.7 91.6 131.6

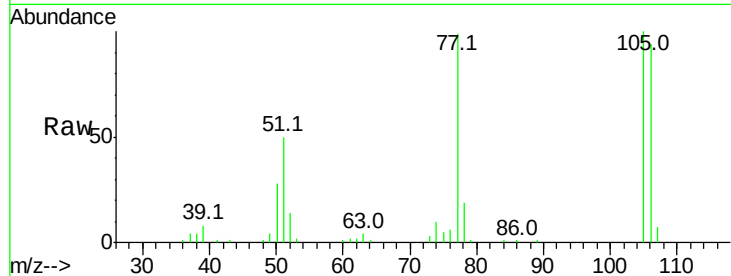
106 94.4 102.6 142.6#

Manual Integrations

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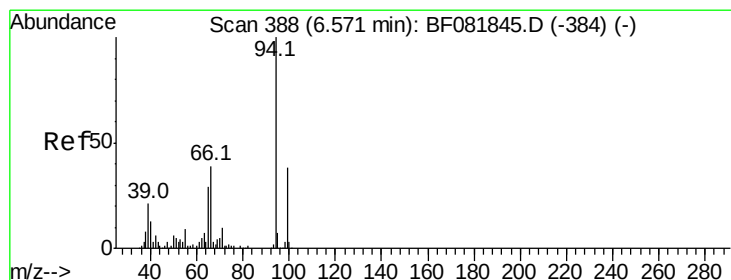
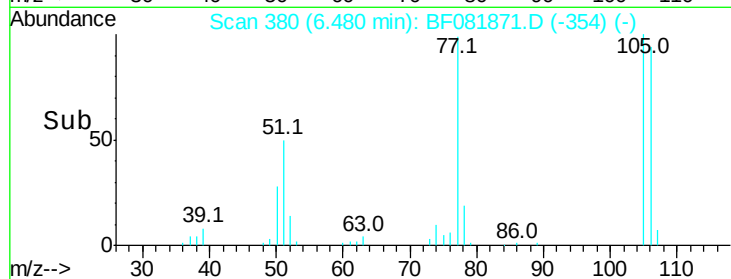
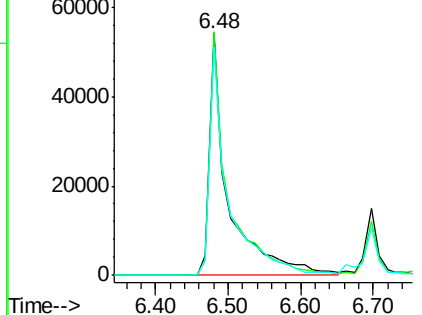
9/29/2015 12:11:21 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 17.04 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

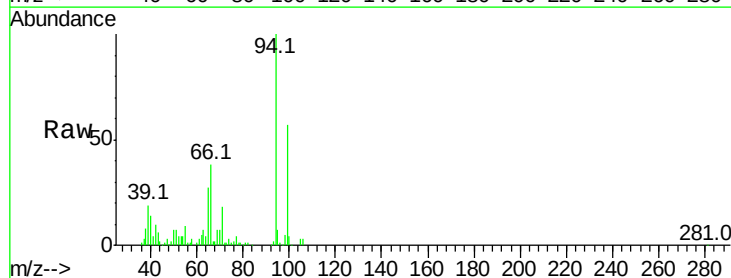
Tgt Ion: 94 Resp: 133862

Ion Ratio Lower Upper

94 100

65 27.1 0.7 40.7

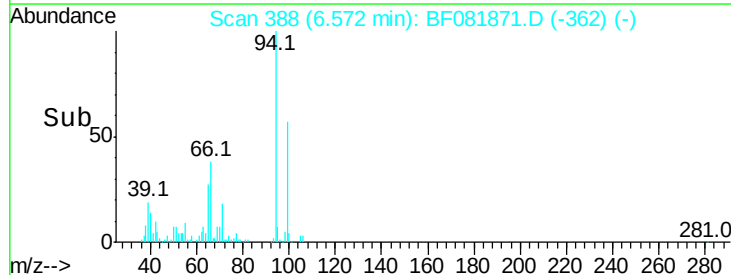
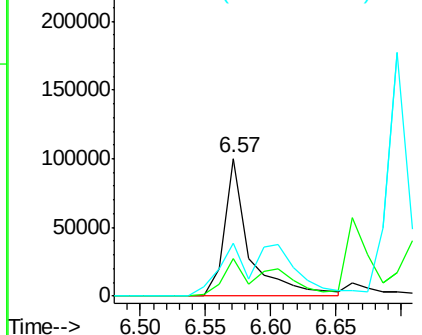
66 38.3 0.8 40.8



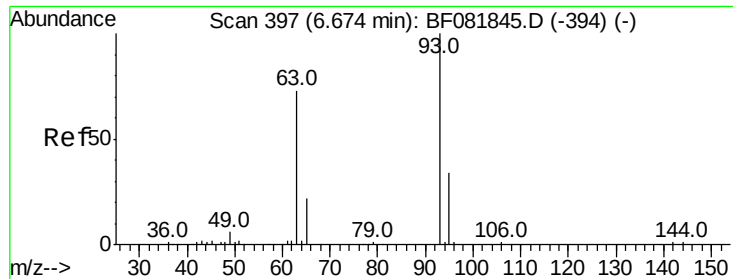
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 51.44 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion: 93 Resp: 313421

Ion Ratio Lower Upper

93 100

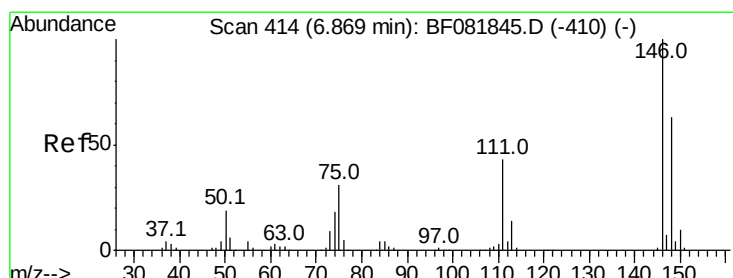
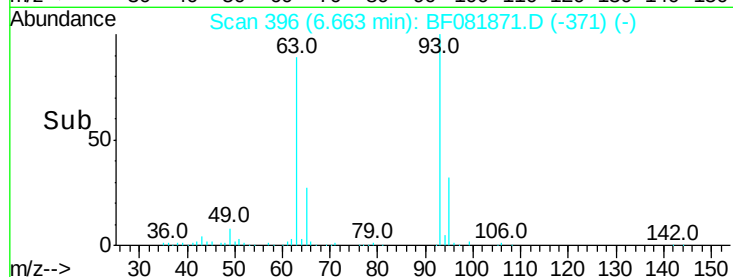
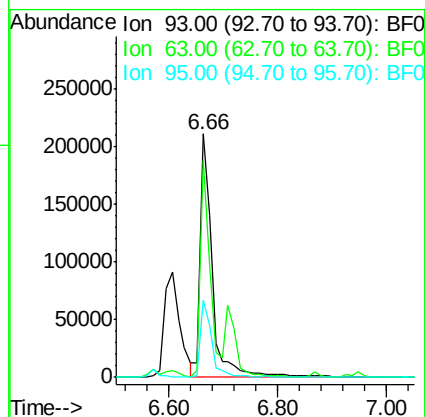
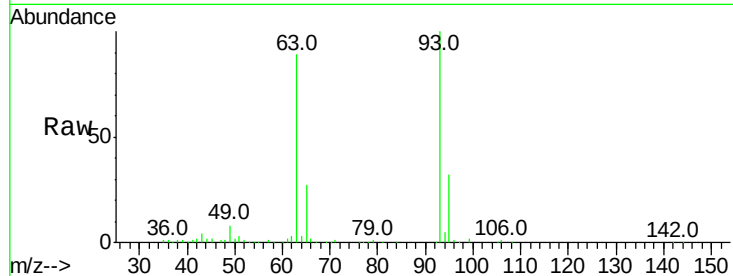
63 89.0 65.6 105.6

95 31.7 13.6 53.6

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#12

1,3-Dichlorobenzene

Concen: 43.10 ng m

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

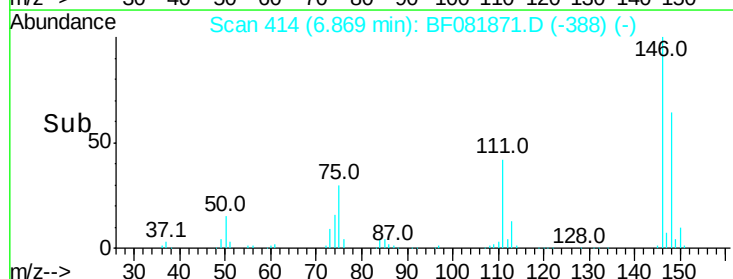
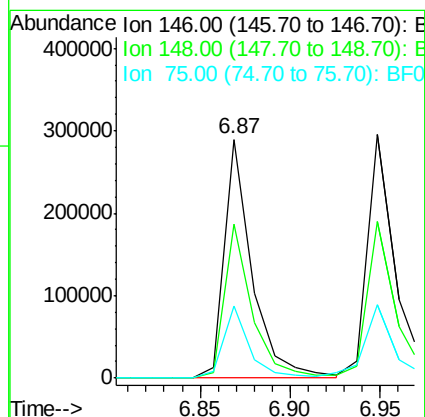
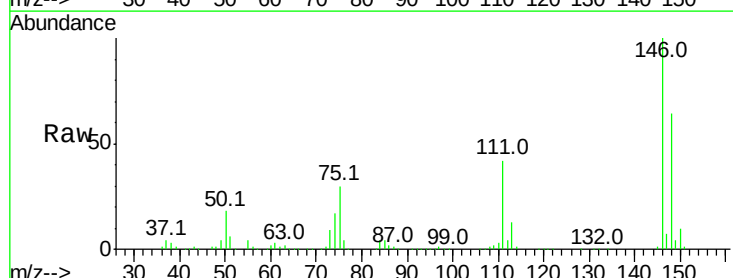
Tgt Ion: 146 Resp: 312926

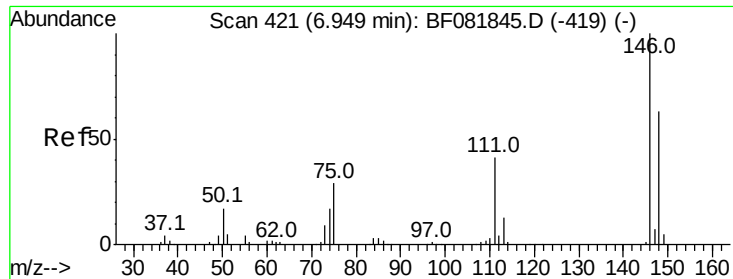
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 30.3 15.0 22.6#





#13  
 1,4-Dichlorobenzene  
 Concen: 44.28 ng/ml  
 RT: 6.95 min Scan# 421  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

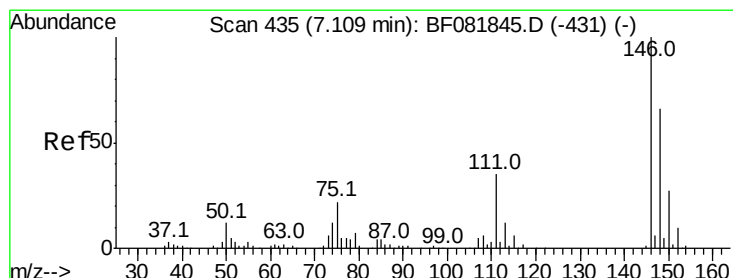
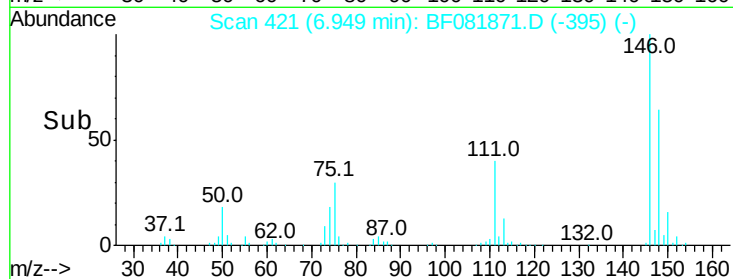
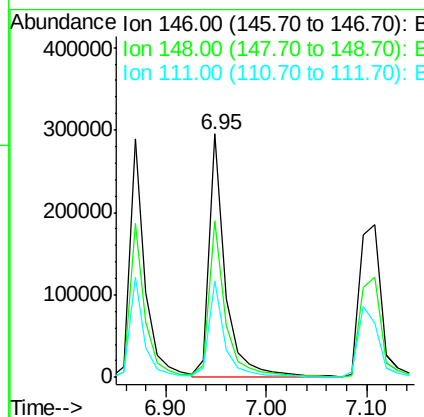
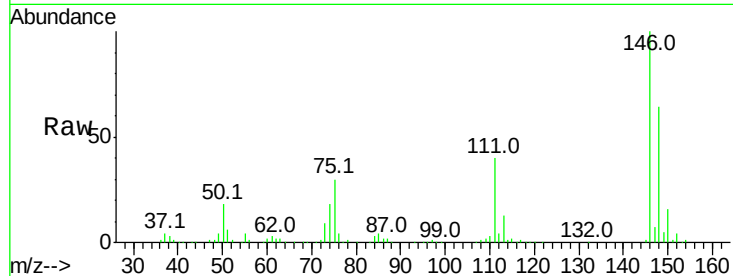
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 51.8  | 77.6  |
| 111     | 39.8  | 24.9  | 37.3  |

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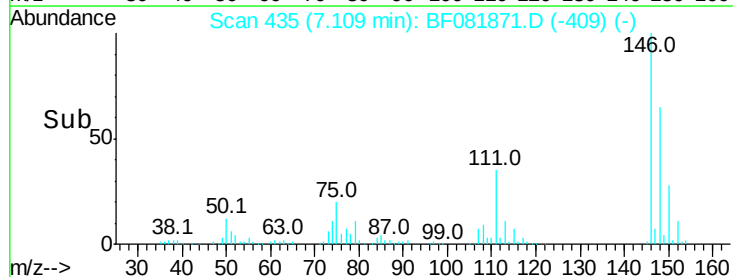
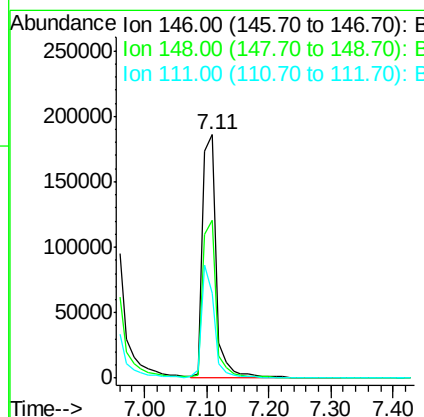
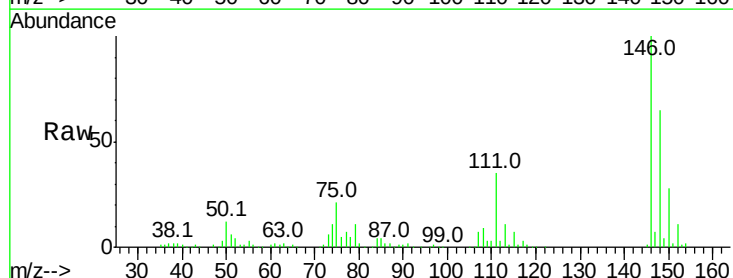
MMDadoda

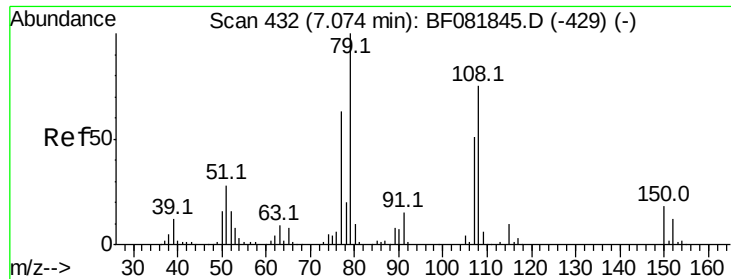
9/29/2015 12:11:21 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 42.87 ng/ml  
 RT: 7.11 min Scan# 435  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 52.7  | 79.1  |
| 111     | 35.0  | 28.8  | 43.2  |





#15  
Benzyl Alcohol  
Concen: 33.65 ng  
RT: 7.07 min Scan# 432  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

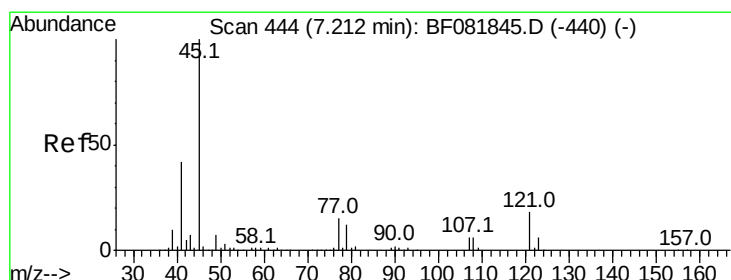
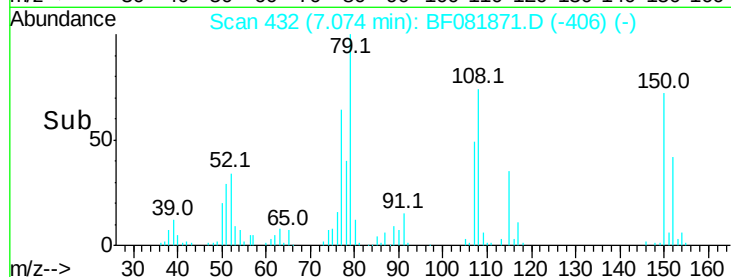
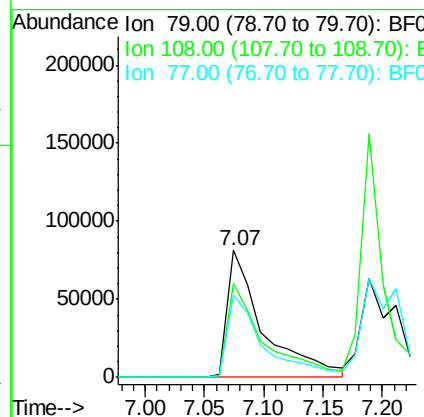
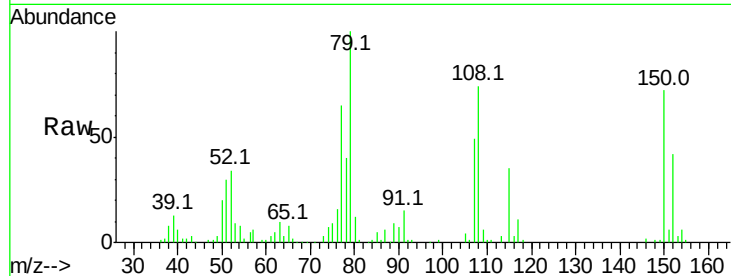
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 79      | 100   |       |        |
| 108     | 73.6  | 88.6  | 132.8# |
| 77      | 64.8  | 47.0  | 70.4   |

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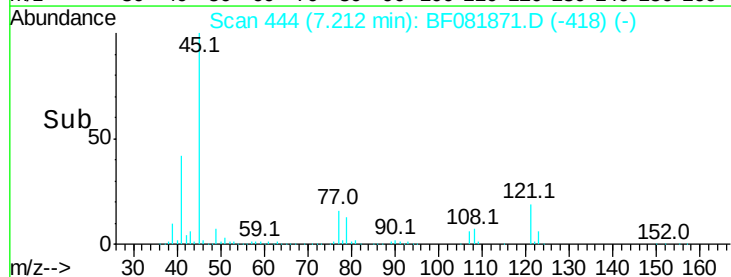
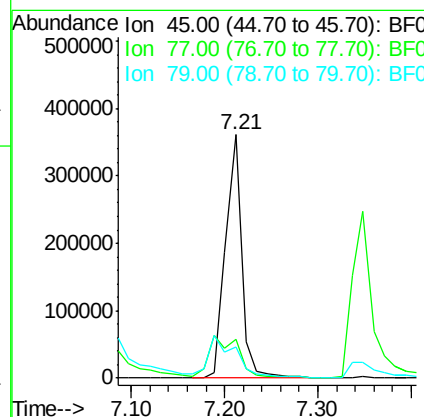
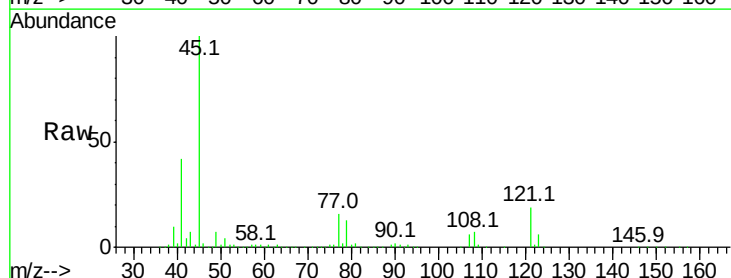
MMDadoda

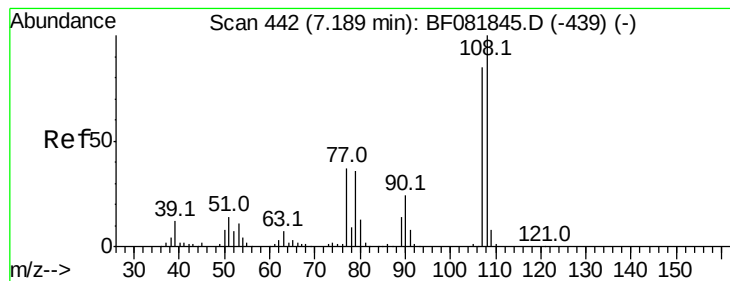
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 50.97 ng  
RT: 7.21 min Scan# 444  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.8  | 0.0   | 28.1  |
| 79      | 12.9  | 0.0   | 26.0  |





#17  
2-Methylphenol  
Concen: 35.32 ng  
RT: 7.19 min Scan# 442  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

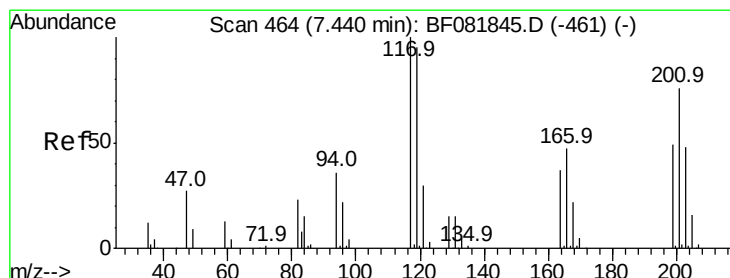
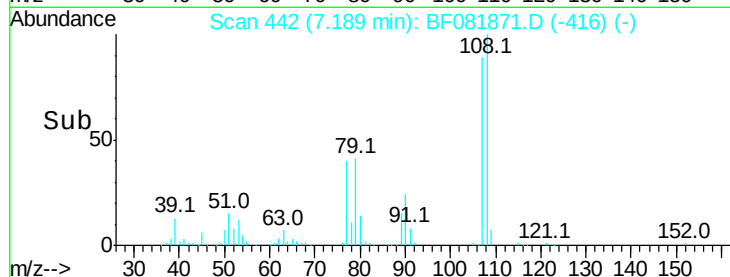
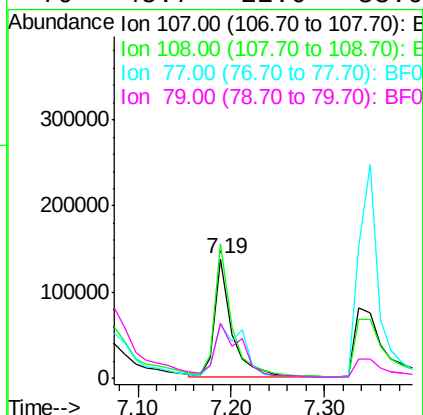
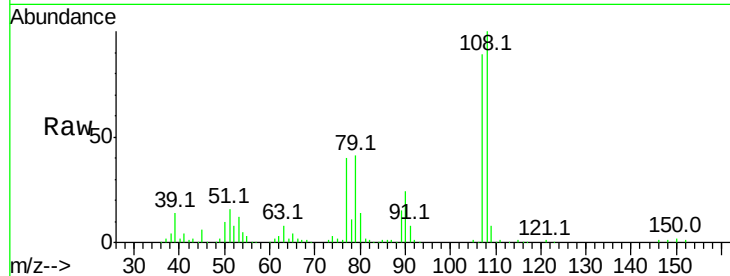
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 176014 |       |       |
| 108     | 112.9 | 96.6   | 145.0 |       |
| 77      | 45.7  | 23.3   | 34.9  |       |
| 79      | 45.7  | 22.0   | 33.0  |       |

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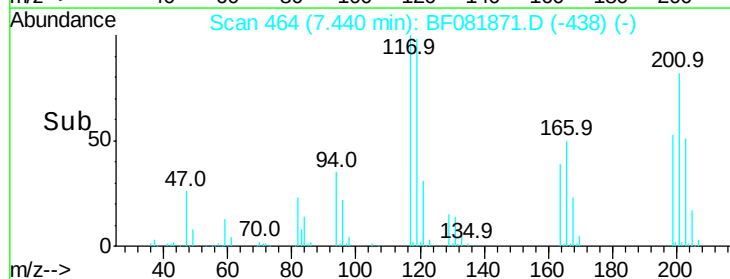
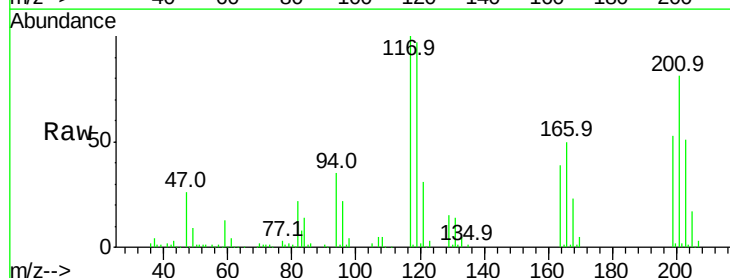
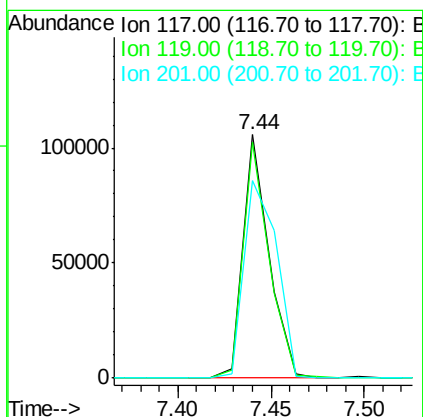
MMDadoda

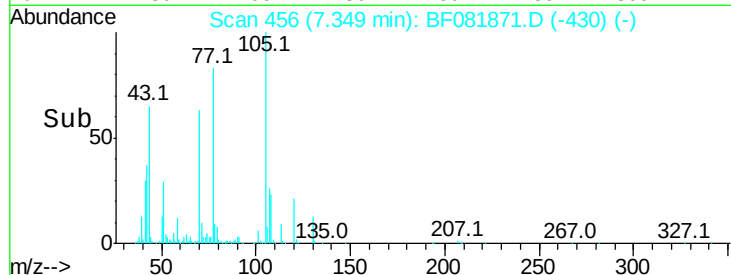
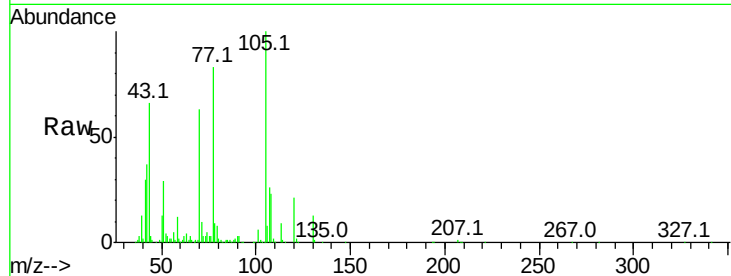
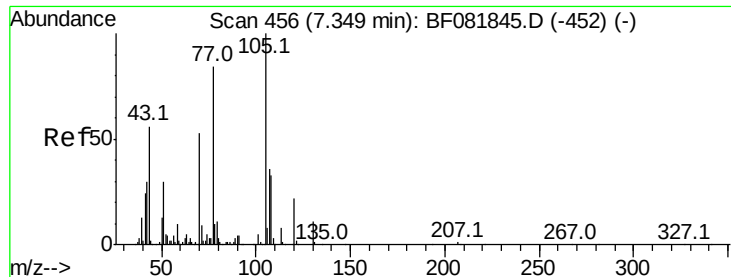
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#18  
Hexachloroethane  
Concen: 43.21 ng  
RT: 7.44 min Scan# 464  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 102553 |       |       |
| 119     | 97.1  | 83.8   | 125.6 |       |
| 201     | 81.3  | 55.1   | 82.7  |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 50.18 ng  
RT: 7.35 min Scan# 456  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

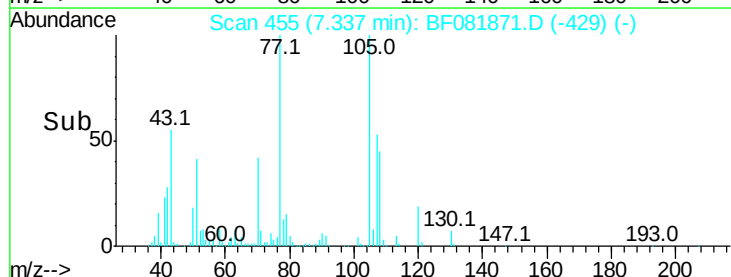
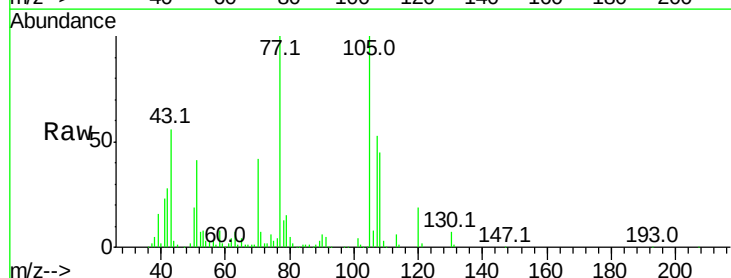
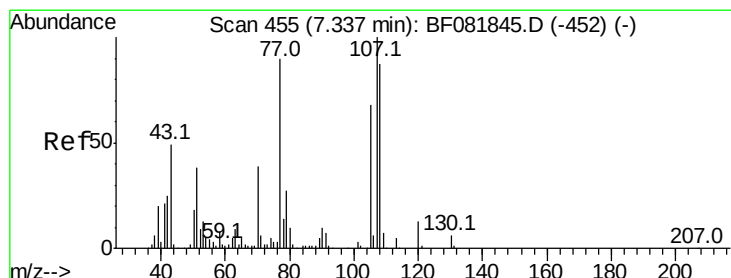
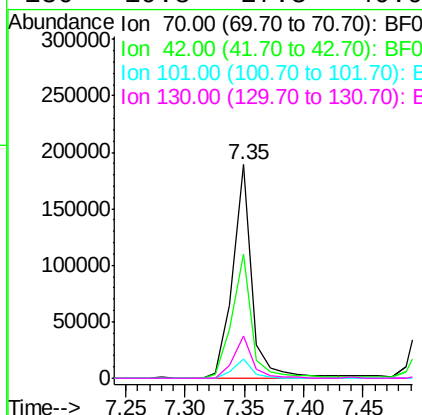
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 58.2  | 63.8  | 95.6# |
| 101     | 9.3   | 9.2   | 13.8  |
| 130     | 19.8  | 27.3  | 40.9# |

Manual Integrations  
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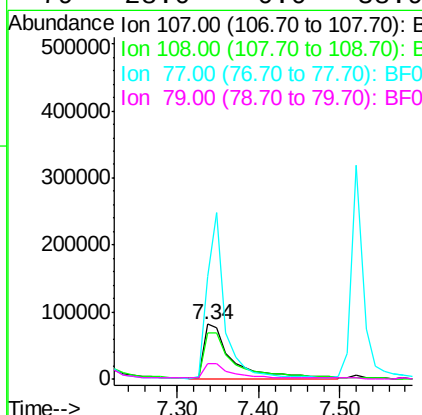
MMDadoda

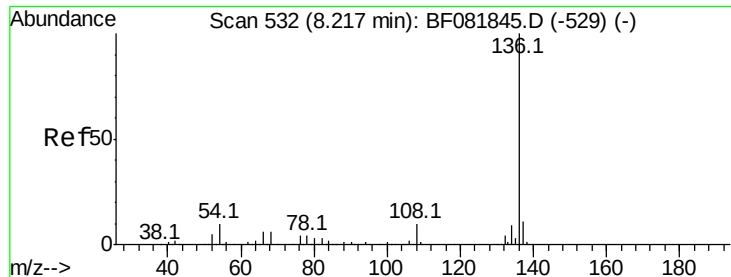
9/29/2015 12:11:21 PM



#20  
3+4-Methylphenols  
Concen: 31.56 ng  
RT: 7.34 min Scan# 455  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 83.7  | 74.6  | 114.6 |
| 77      | 188.1 | 0.7   | 40.7# |
| 79      | 28.0  | 0.0   | 38.9  |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.22 min Scan# 532  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

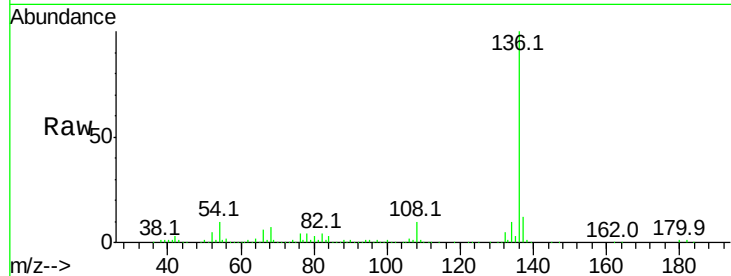
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.6  | 9.0  | 13.6  |       |
| 54      | 9.6   | 8.2  | 12.2  |       |
| 68      | 6.6   | 5.8  | 8.6   |       |

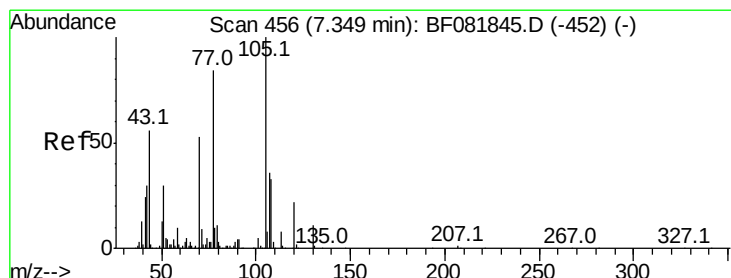
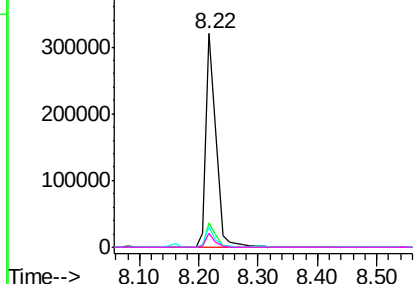
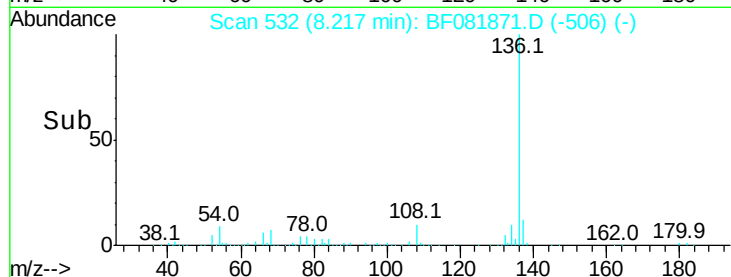
Manual Integrations  
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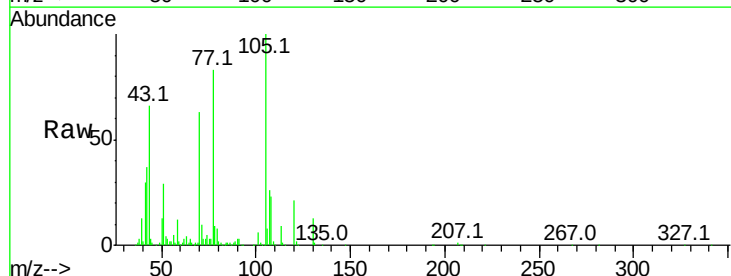


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

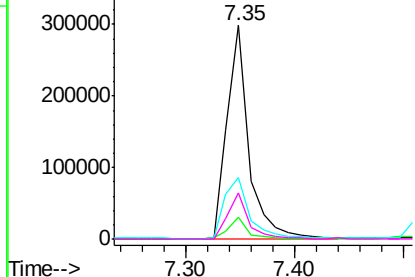
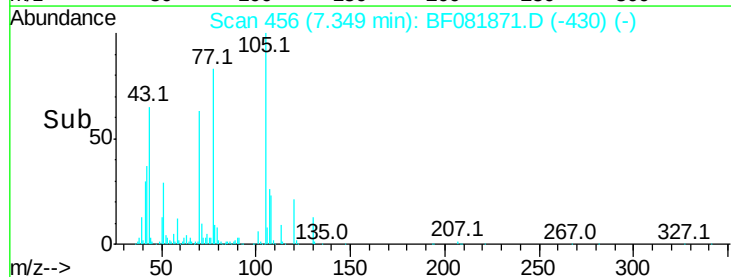


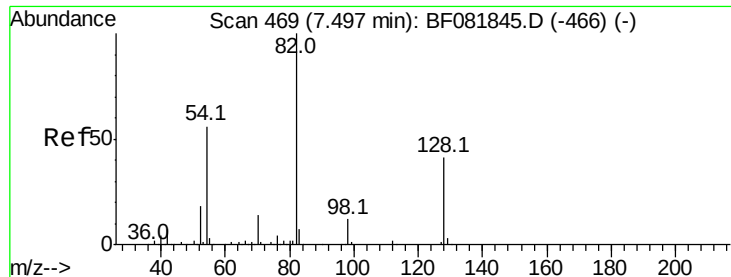
#22  
Acetophenone  
Concen: 52.50 ng  
RT: 7.35 min Scan# 456  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 10.4  | 4.7  | 7.1#  |       |
| 51      | 28.8  | 22.0 | 33.0  |       |
| 120     | 21.4  | 30.1 | 45.1# |       |



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: 119.76 ng  
 RT: 7.51 min Scan# 470  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

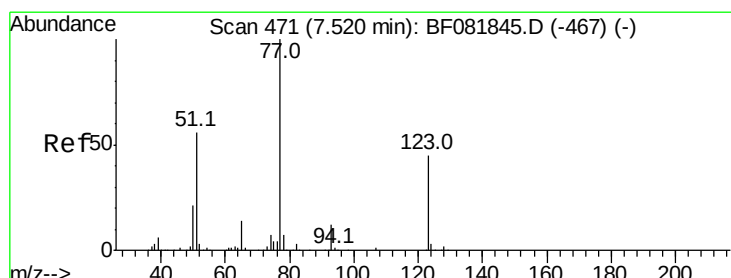
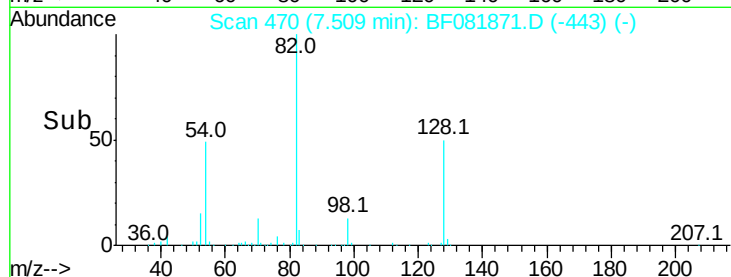
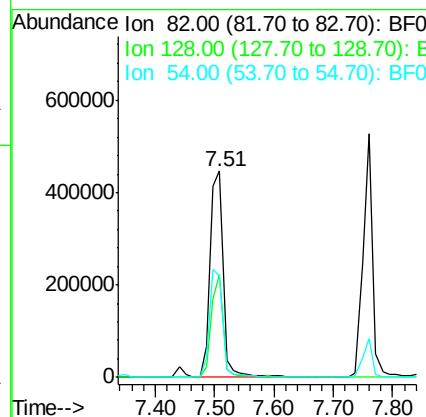
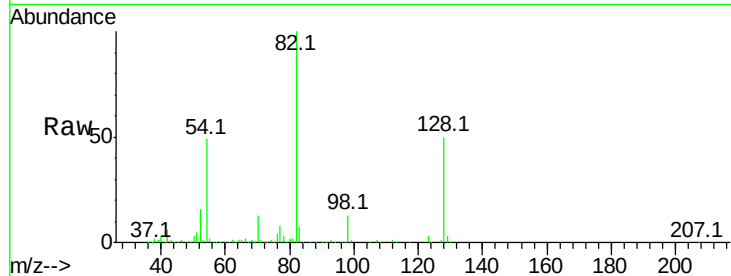
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 49.8  | 51.0  | 76.6# |
| 54      | 49.5  | 47.5  | 71.3  |

Manual Integrations  
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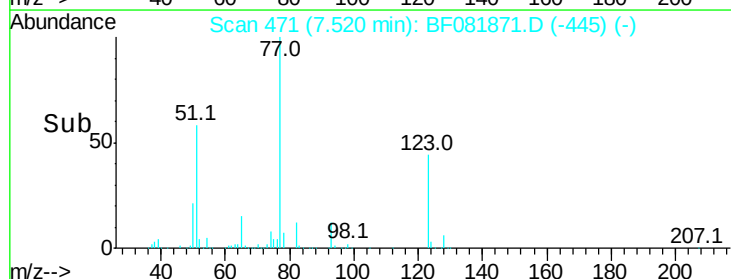
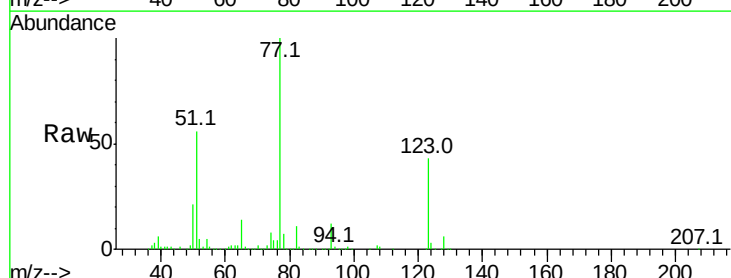
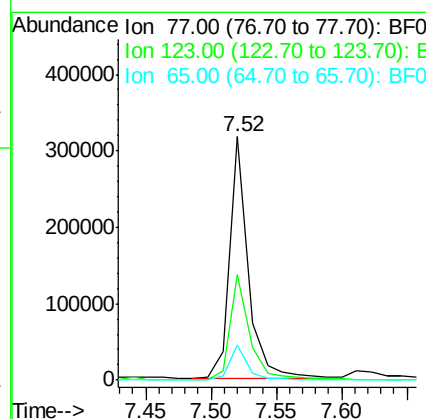
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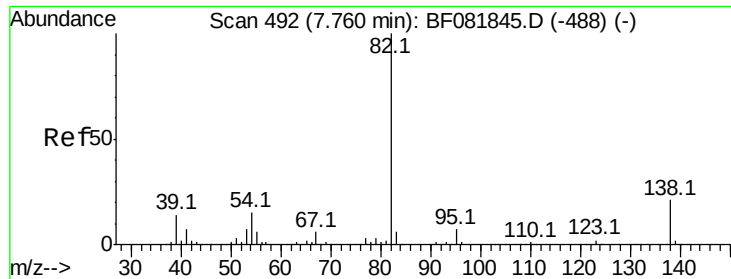


#24  
 Nitrobenzene  
 Concen: 50.56 ng  
 RT: 7.52 min Scan# 471  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.3  | 59.8  | 89.8# |
| 65      | 14.2  | 10.2  | 15.4  |







#25

Isophorone

Concen: 52.21 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion: 82 Resp: 602837

Ion Ratio Lower Upper

82 100

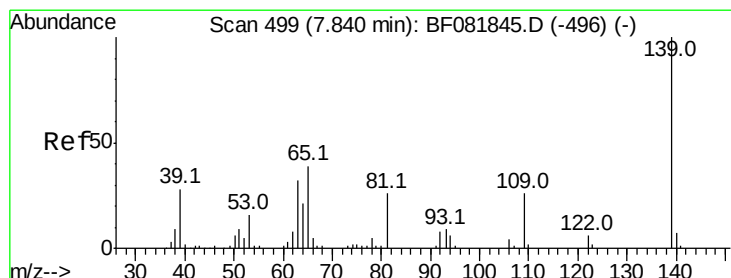
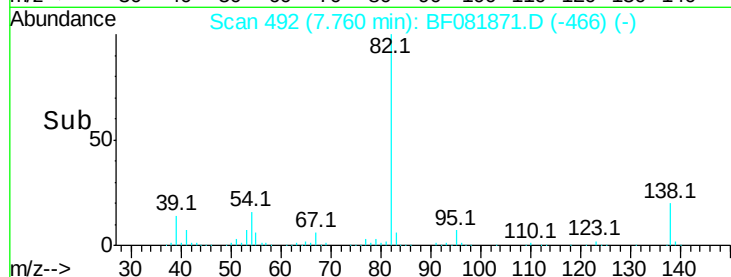
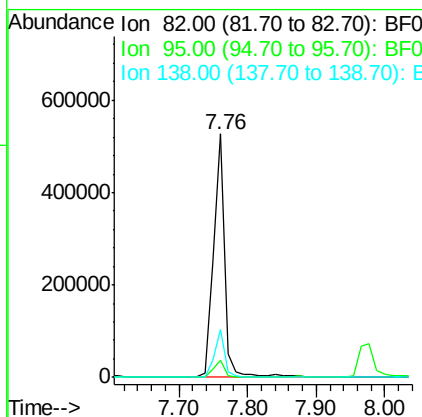
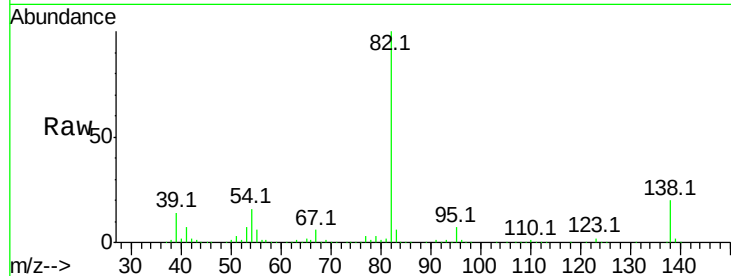
95 7.3 4.0 6.0#

138 19.6 18.3 27.5

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#26

2-Nitrophenol

Concen: 55.00 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

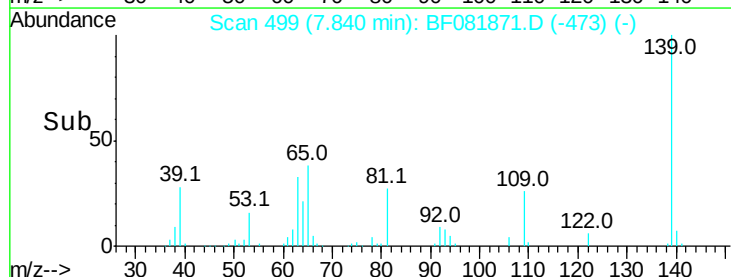
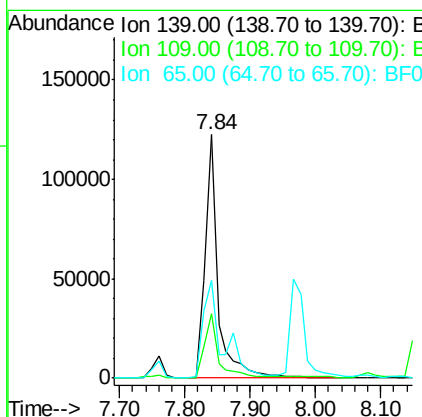
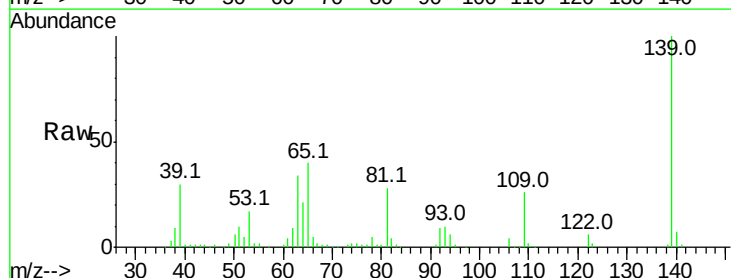
Tgt Ion: 139 Resp: 167019

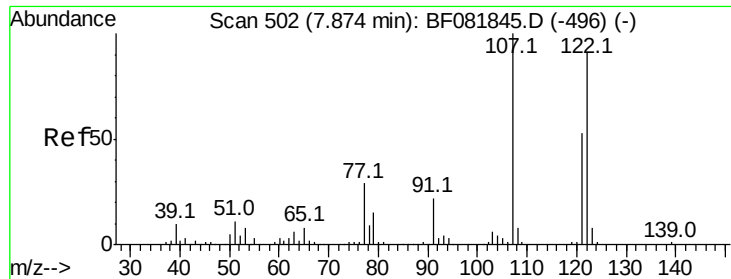
Ion Ratio Lower Upper

139 100

109 26.3 11.0 16.4#

65 40.2 24.7 37.1#





#27  
 2,4-Dimethylphenol  
 Concen: 46.67 ng  
 RT: 7.87 min Scan# 502  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

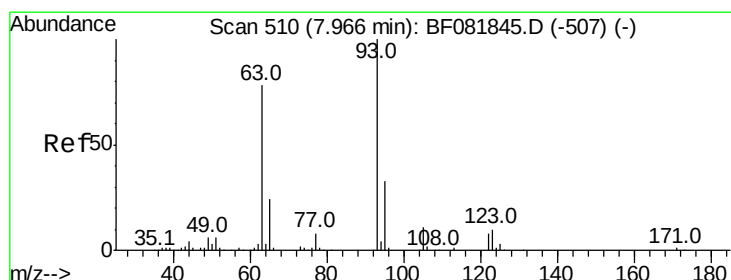
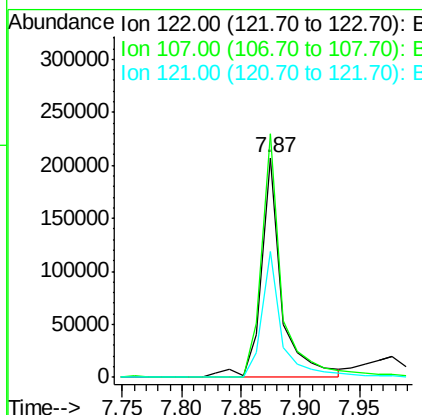
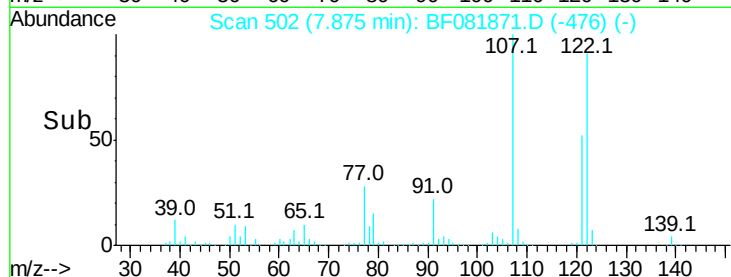
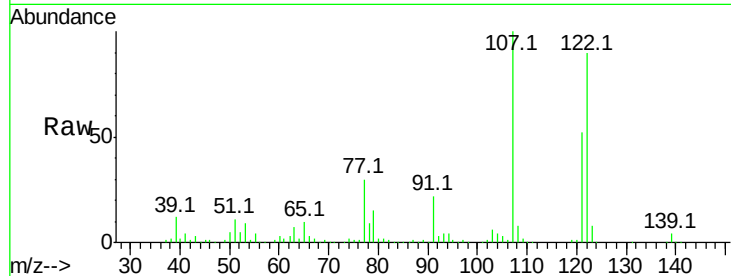
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 111.0 | 71.8  | 107.6# |
| 121     | 57.6  | 42.3  | 63.5   |

Manual Integrations  
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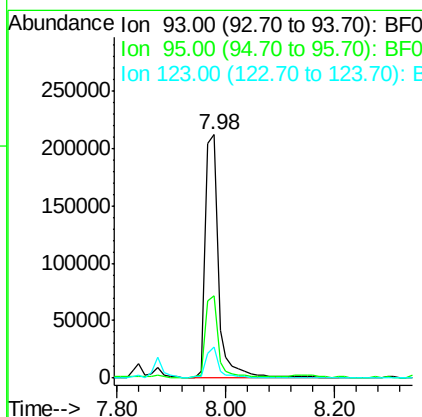
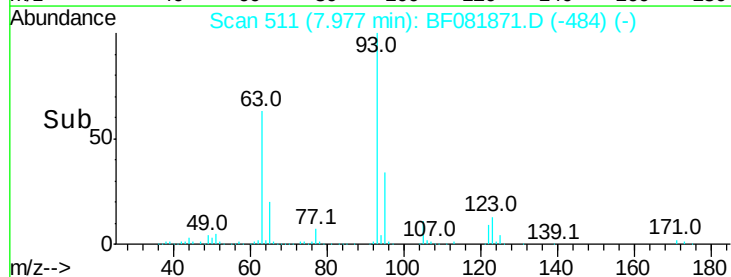
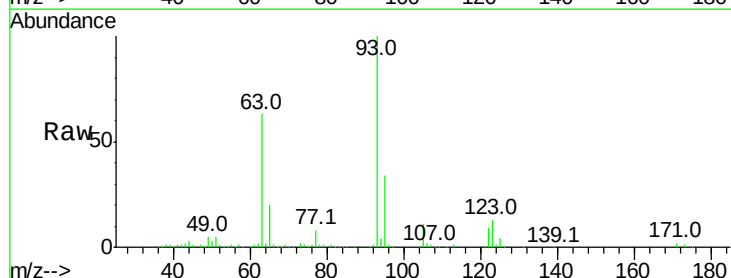
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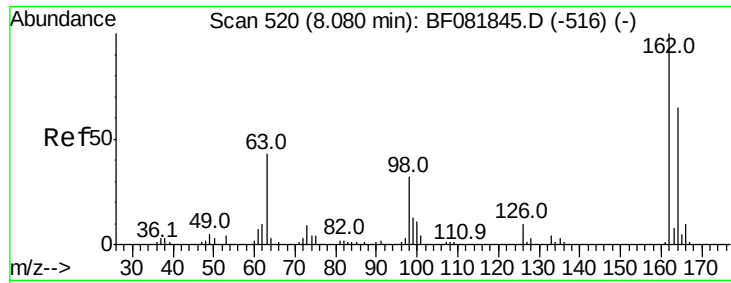
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 51.91 ng  
 RT: 7.98 min Scan# 511  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.9  | 27.5  | 41.3  |
| 123     | 12.8  | 13.7  | 20.5# |





#29  
 2,4-Dichlorophenol  
 Concen: 52.10 ng  
 RT: 8.08 min Scan# 520  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

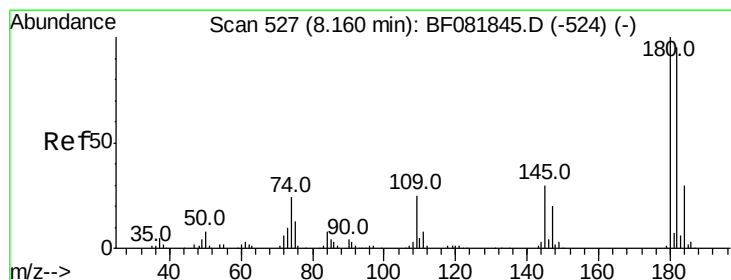
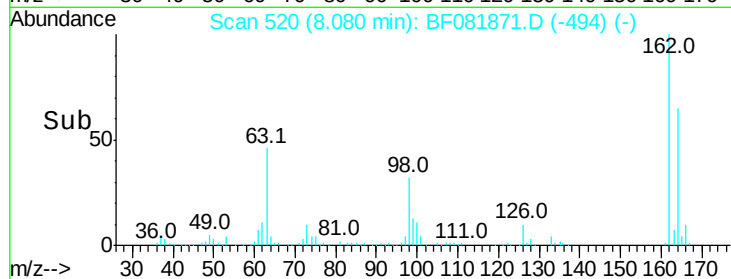
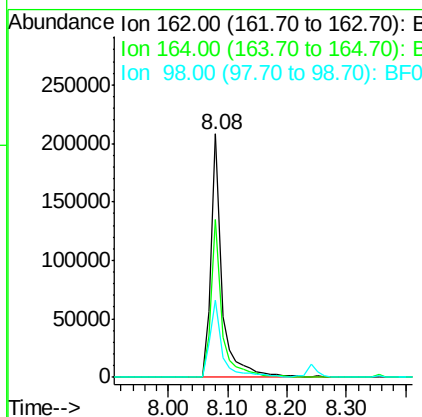
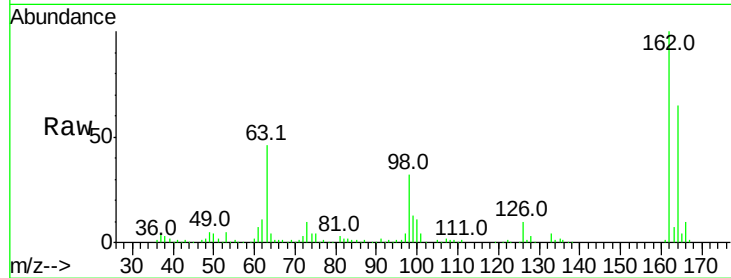
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 269898 |       |       |
| 164     | 64.6  |        | 44.9  | 84.9  |
| 98      | 31.6  |        | 13.0  | 53.0  |

Manual Integrations  
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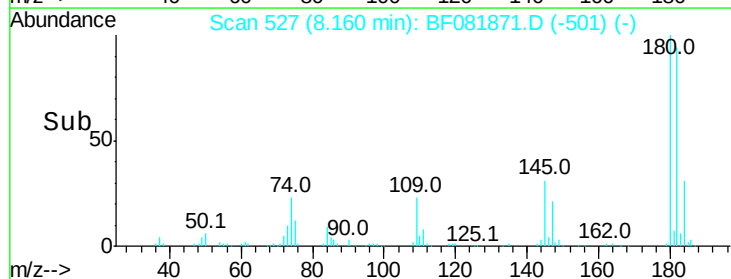
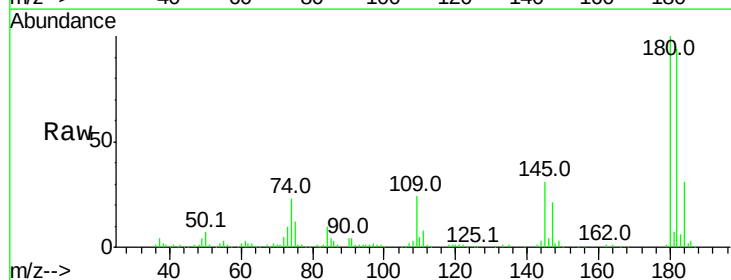
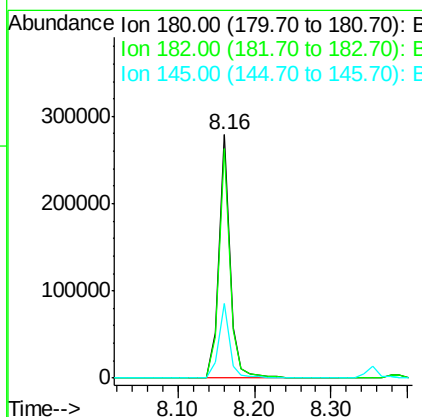
MMDadoda

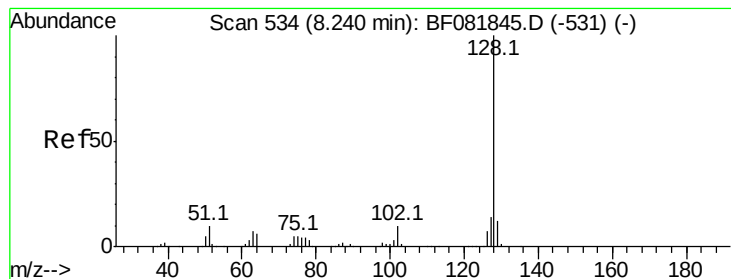
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.04 ng  
 RT: 8.16 min Scan# 527  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 283573 |       |       |
| 182     | 94.2  |        | 77.1  | 115.7 |
| 145     | 30.9  |        | 23.3  | 34.9  |





#31

Naphthalene

Concen: 47.66 ng/mL

RT: 8.24 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

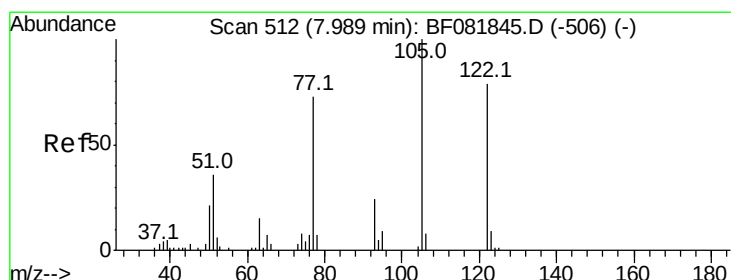
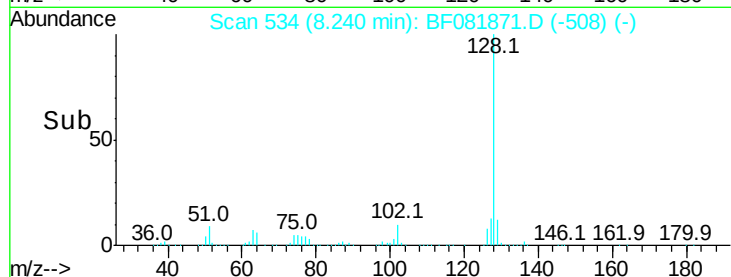
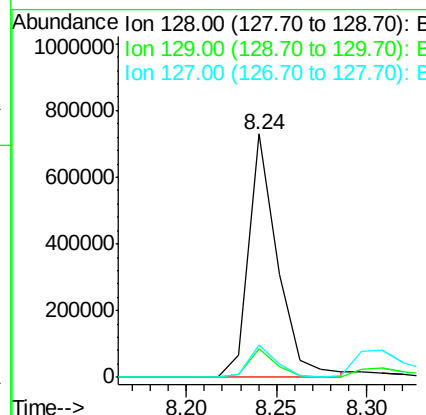
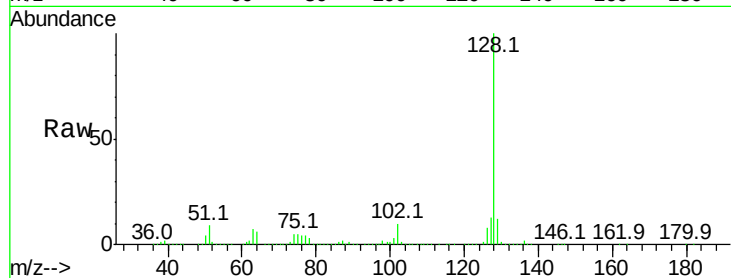
PZ-1-9-17-15MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 820174 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 129       | 11.5 | 8.4   | 12.6   |
| 127       | 13.5 | 9.9   | 14.9   |

Manual Integrations  
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#32

Benzoic acid

Concen: 23.96 ng/mL

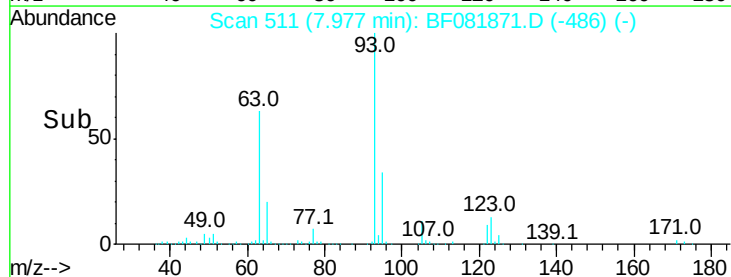
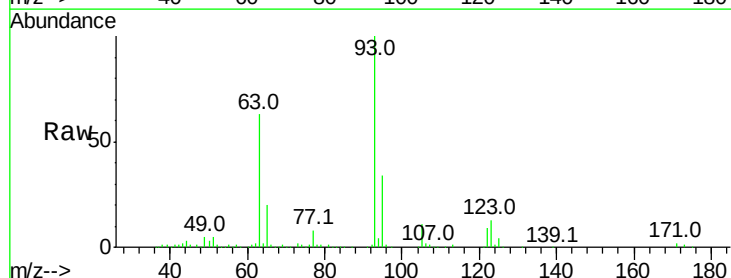
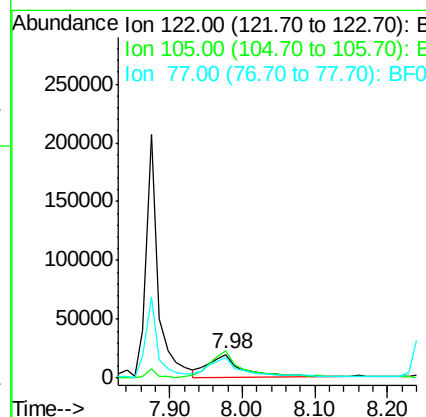
RT: 7.98 min Scan# 511

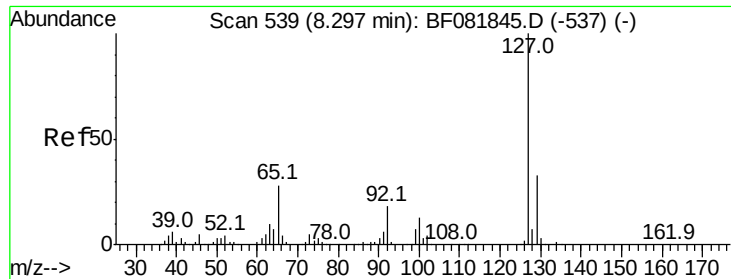
Delta R.T. -0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 62685 |
| Ion Ratio |       | Lower | Upper |
| 122       | 100   |       |       |
| 105       | 115.9 | 76.1  | 116.1 |
| 77        | 89.5  | 40.5  | 80.5# |





#33  
 4-Chloroaniline  
 Concen: 26.80 ng  
 RT: 8.31 min Scan# 540  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

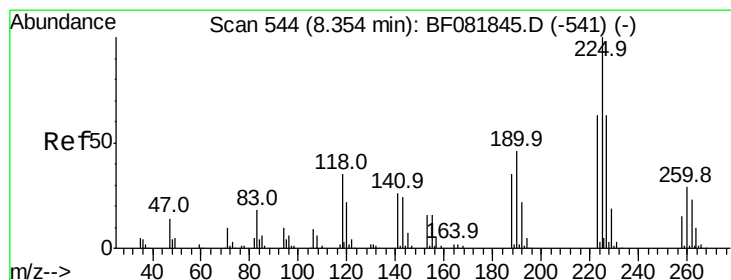
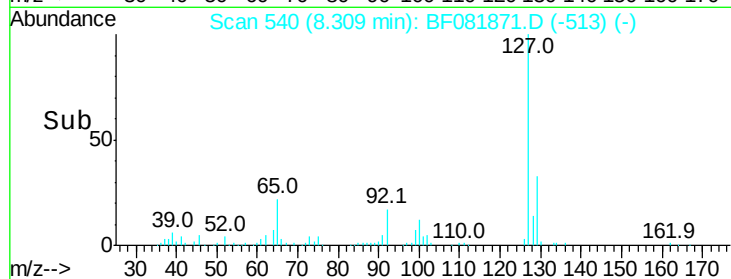
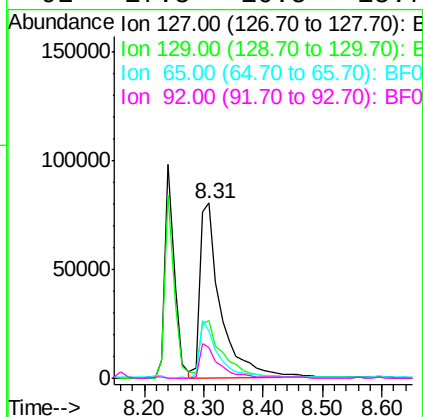
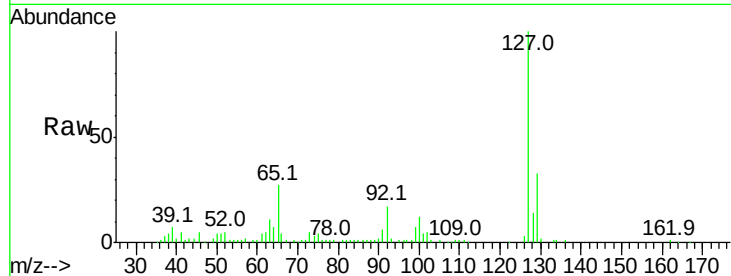
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.6 | 25.8  | 38.6 |       |       |
| 65      | 27.3 | 17.9  | 26.9 |       |       |
| 92      | 17.5 | 10.5  | 15.7 |       |       |

Manual Integrations  
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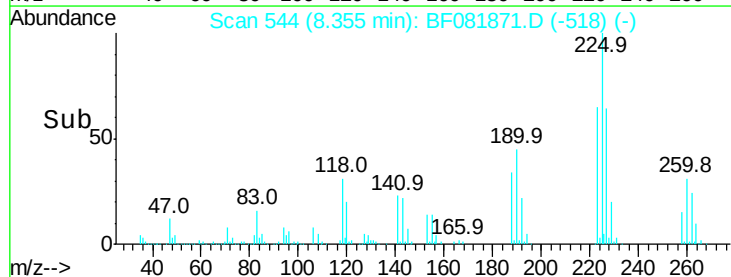
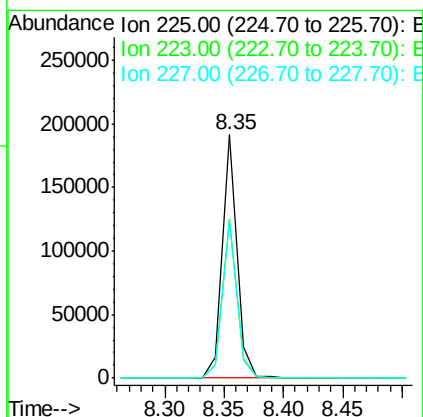
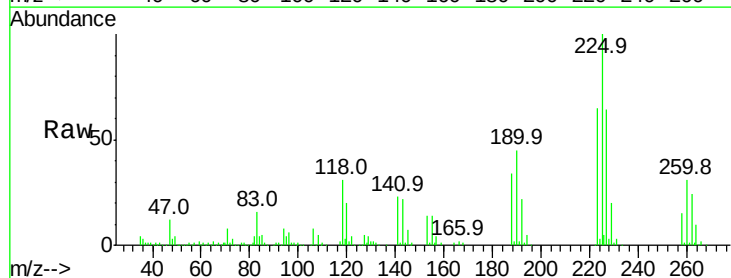
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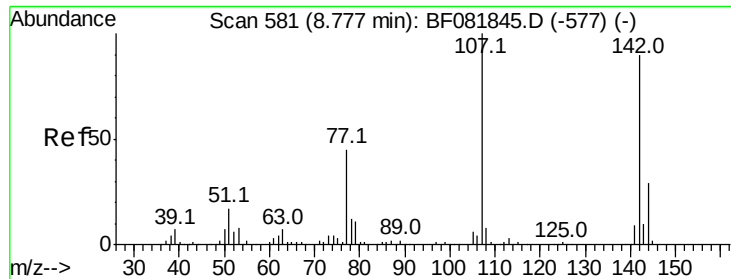
9/29/2015 12:11:21 PM



#34  
 Hexachlorobutadiene  
 Concen: 47.32 ng  
 RT: 8.35 min Scan# 544  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 65.1 | 50.2  | 75.2 |       |       |
| 227     | 64.4 | 52.2  | 78.2 |       |       |





#36

4-Chloro-3-methylphenol

Concen: 50.89 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:107 Resp: 257771  
Ion Ratio Lower Upper

107 100

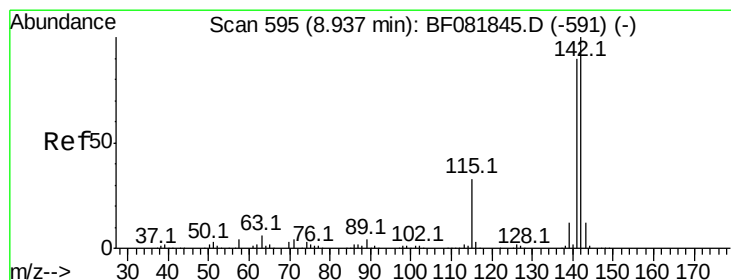
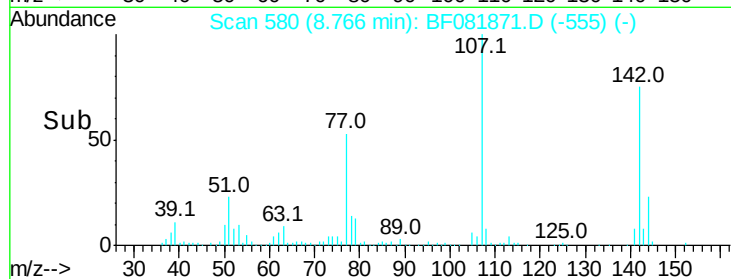
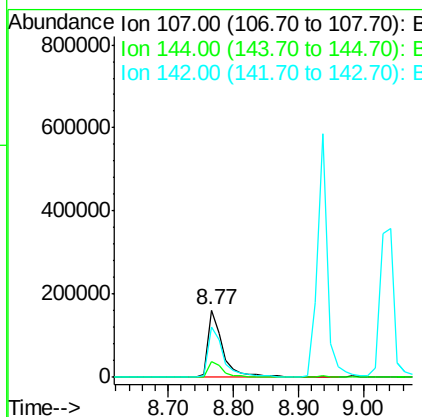
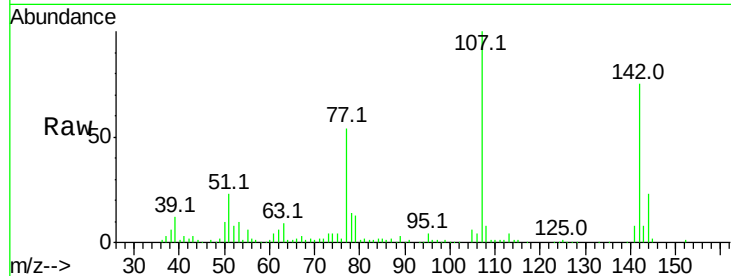
144 22.8 25.4 38.0#

142 74.7 77.3 115.9#

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#37

2-Methylnaphthalene

Concen: 52.53 ng

RT: 8.94 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF081871.D

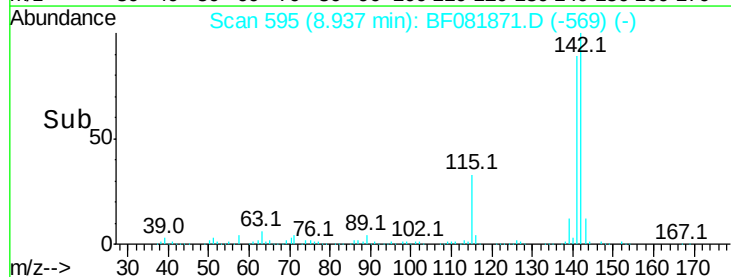
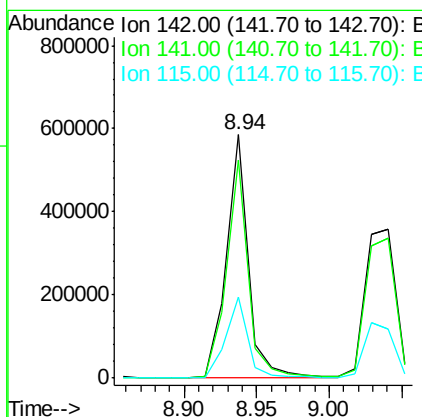
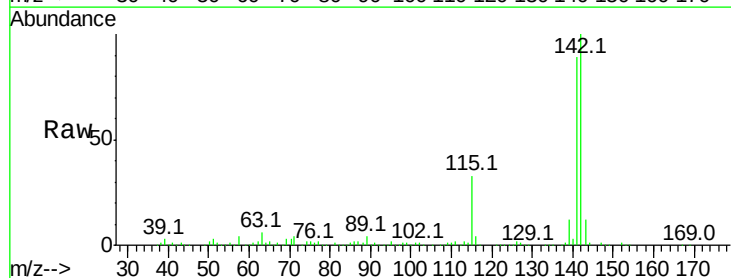
Acq: 29 Sep 2015 7:34

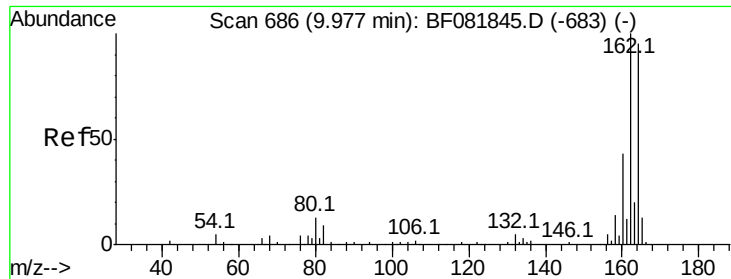
Tgt Ion:142 Resp: 617000  
Ion Ratio Lower Upper

142 100

141 89.3 67.5 101.3

115 33.4 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

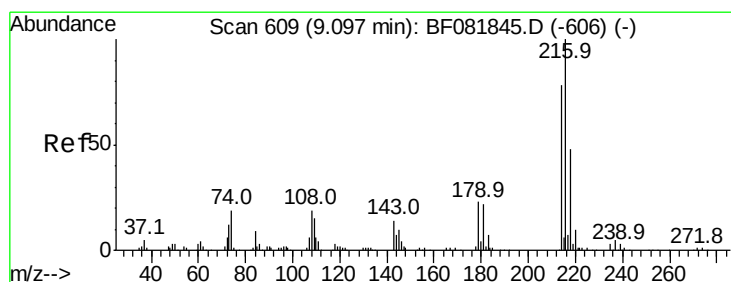
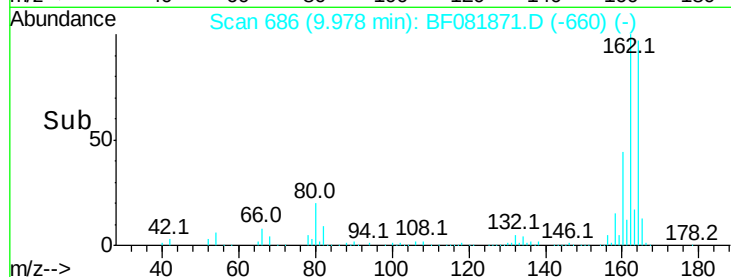
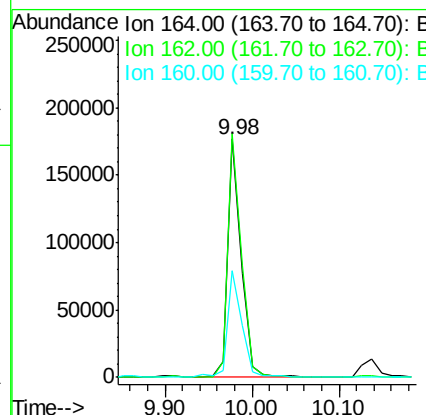
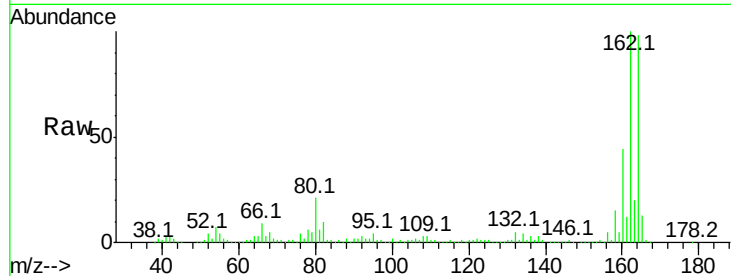
PZ-1-9-17-15MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 192484 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.3 | 75.2  | 112.8  |
| 160       | 44.8  | 31.5  | 47.3   |

Manual Integrations  
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.96 ng

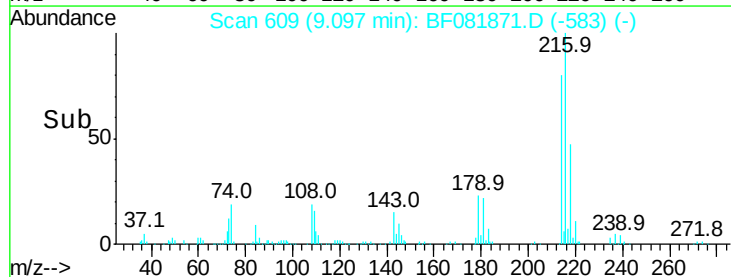
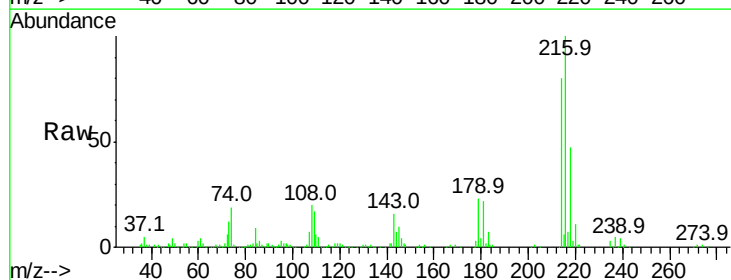
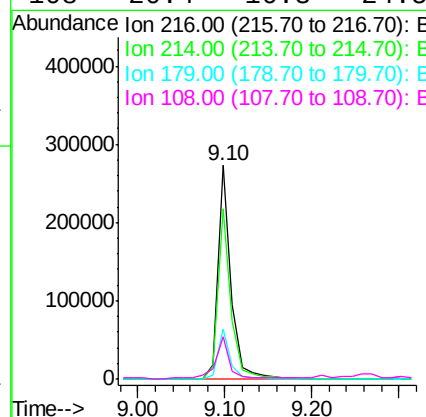
RT: 9.10 min Scan# 609

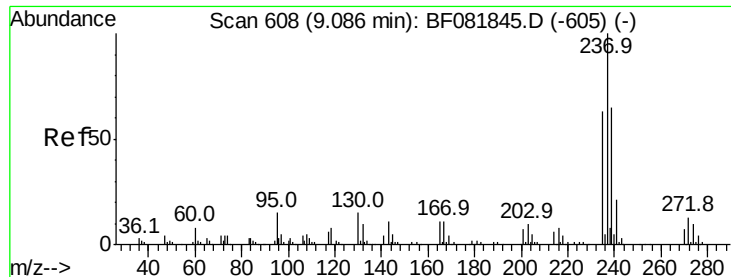
Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 289301 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.2  | 63.5  | 95.3   |
| 179       | 21.9  | 16.6  | 24.8   |
| 108       | 20.4  | 16.3  | 24.5   |





#40  
Hexachlorocyclopentadiene  
Concen: 80.88 ng  
RT: 9.09 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

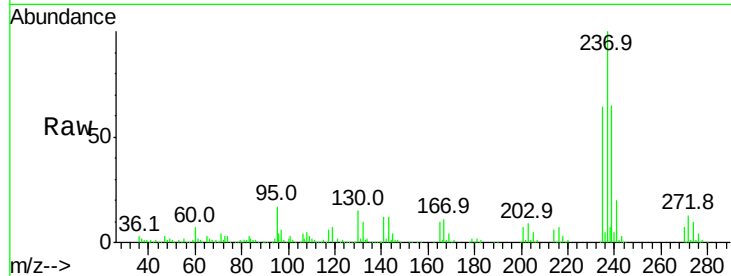
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.1  | 42.0       | 82.0  |
| 272     | 13.1  | 0.0        | 36.1  |

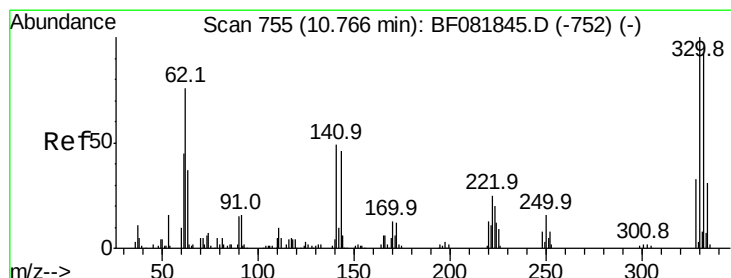
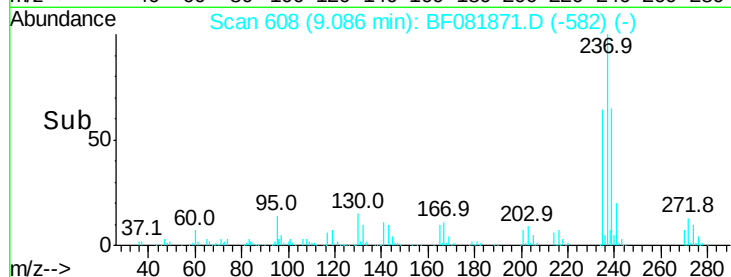
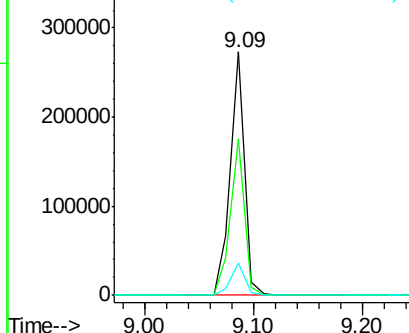
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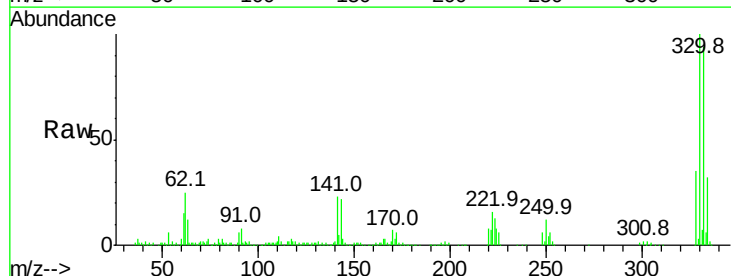


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

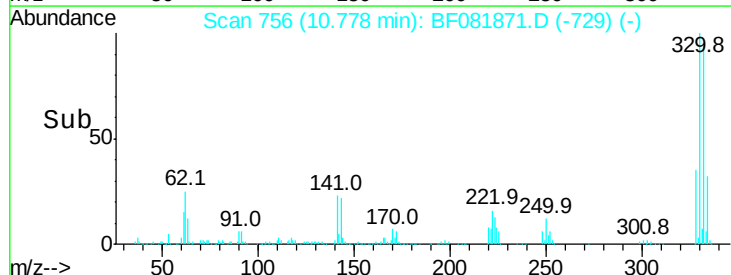
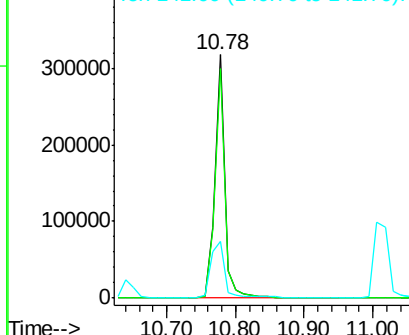


#41  
2,4,6-Tribromophenol  
Concen: 167.87 ng  
RT: 10.78 min Scan# 756  
Delta R.T. 0.01 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

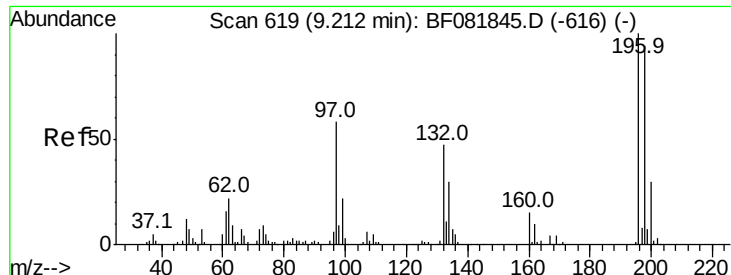
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.6  | 76.6       | 114.8 |
| 141     | 31.5  | 29.7       | 44.5  |



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: 47.87 ng  
 RT: 9.21 min Scan# 619  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

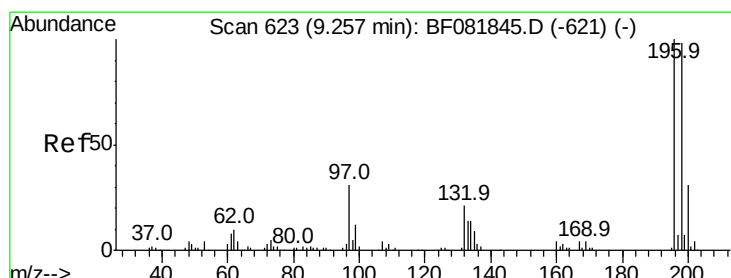
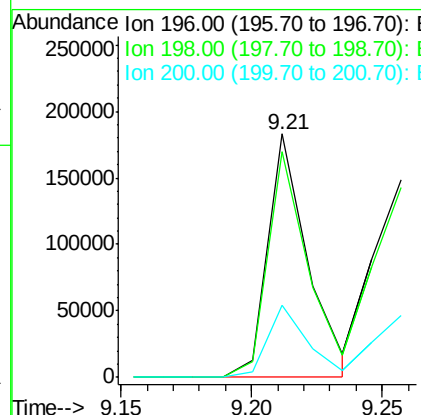
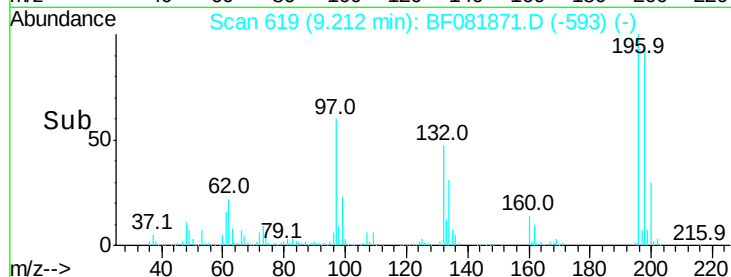
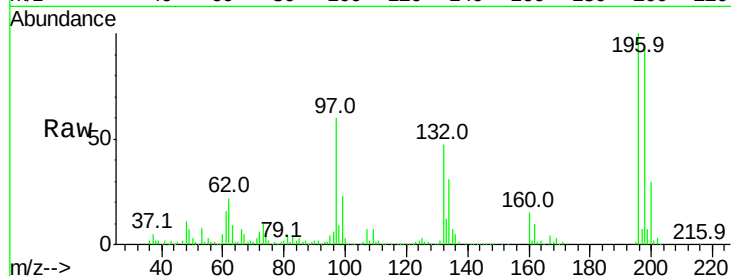
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 193911 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 92.5  | 75.7  | 113.5  |
| 200       | 29.6  | 23.9  | 35.9   |

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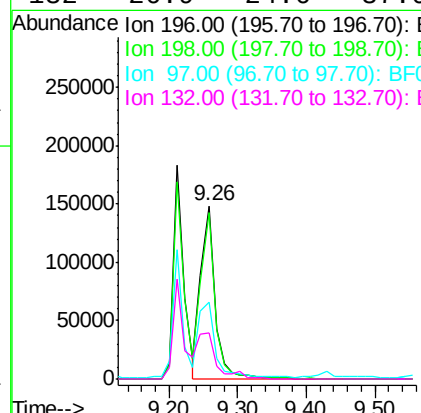
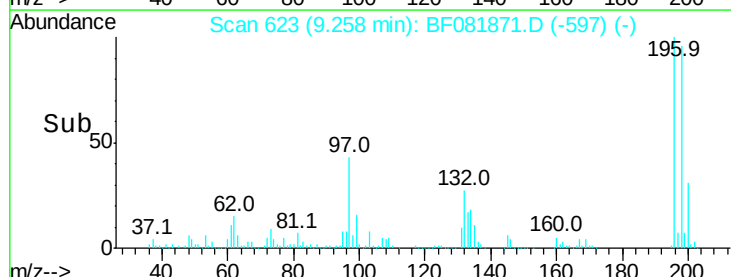
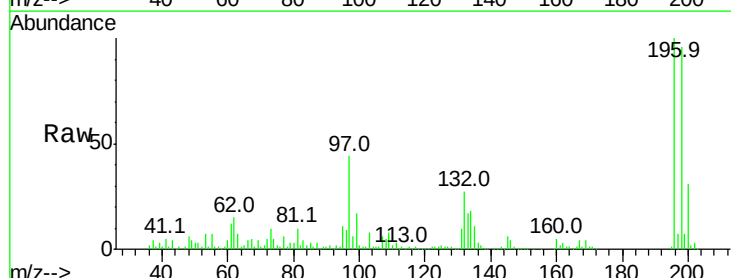
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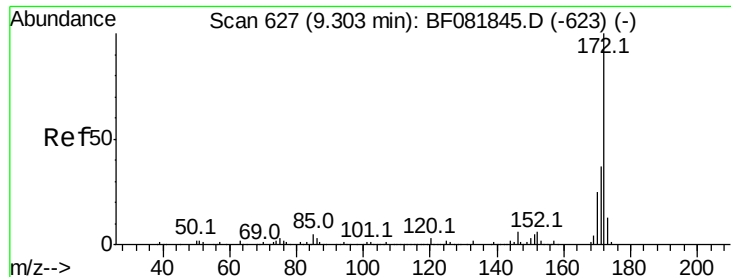
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#43  
 2,4,5-Trichlorophenol  
 Concen: 51.88 ng  
 RT: 9.26 min Scan# 623  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 216127 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.4  | 75.4  | 113.0  |
| 97        | 44.4  | 33.3  | 49.9   |
| 132       | 26.9  | 24.6  | 37.0   |





#44  
2-Fluorobiphenyl  
Concen: 119.82 ng  
RT: 9.30 min Scan# 627  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

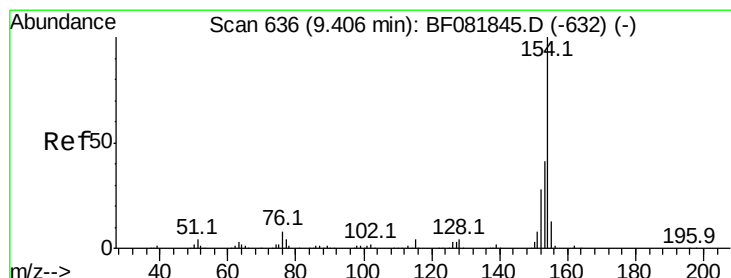
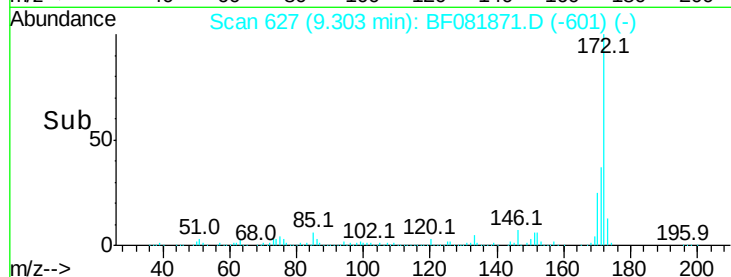
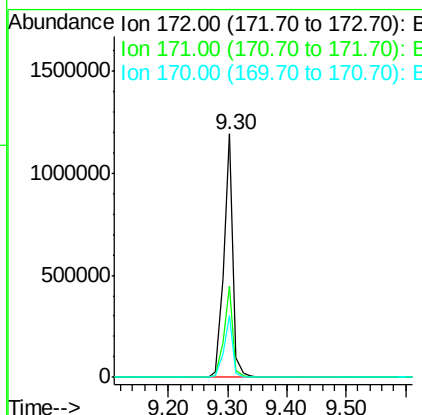
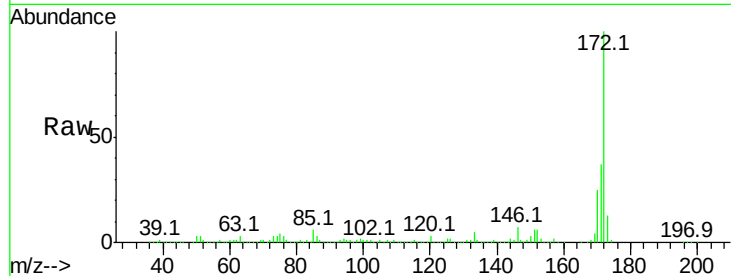
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

Tot Ion:172 Resp: 1270685  
Ion Ratio Lower Upper  
172 100  
171 37.4 26.1 39.1  
170 25.3 17.4 26.2

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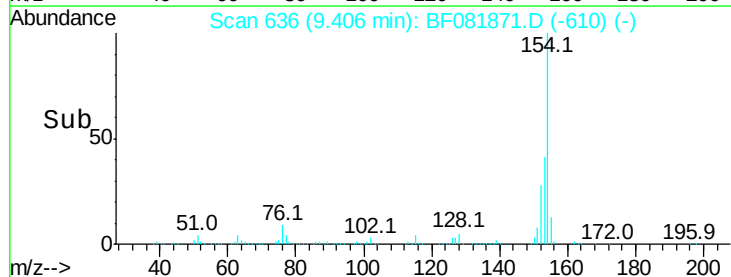
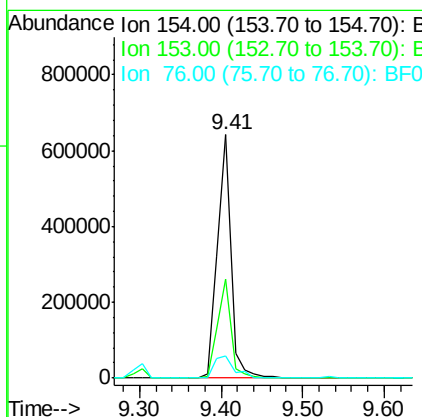
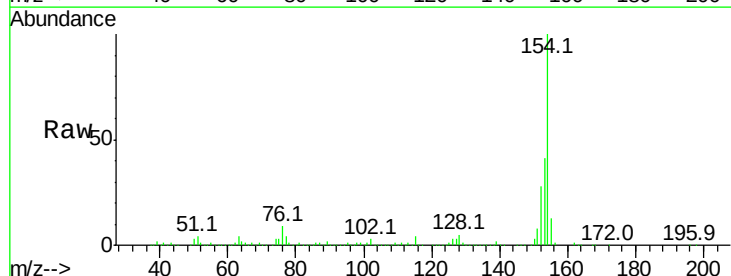
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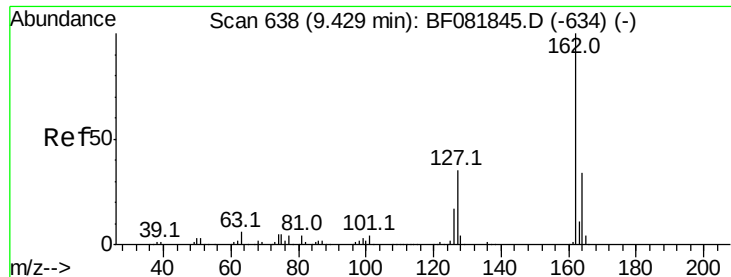
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#45  
1,1'-Biphenyl  
Concen: 50.27 ng  
RT: 9.41 min Scan# 636  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

Tgt Ion:154 Resp: 746565  
Ion Ratio Lower Upper  
154 100  
153 40.8 17.1 57.1  
76 9.1 0.0 31.6





#46

2-Chloronaphthalene

Concen: 50.47 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

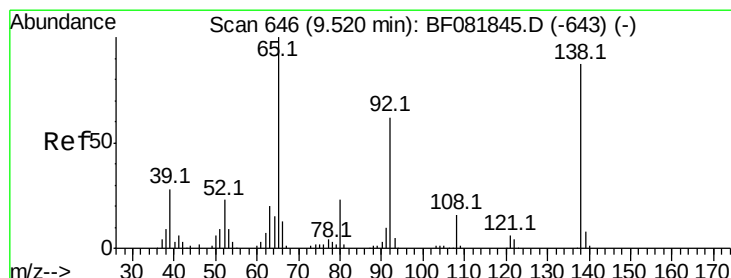
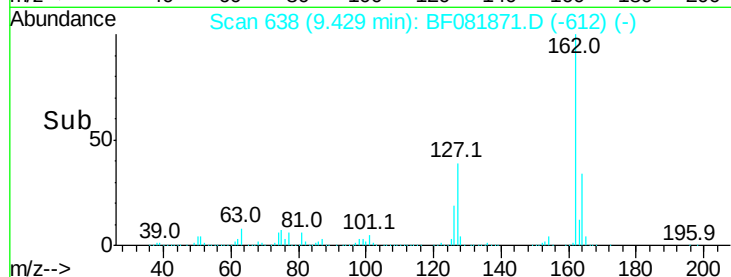
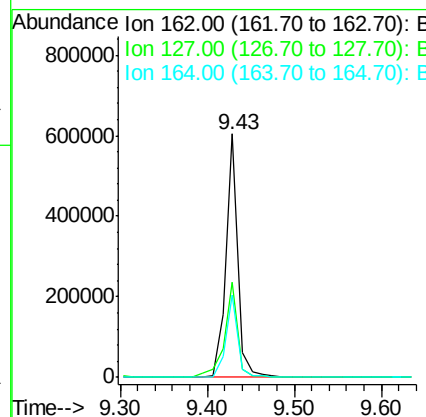
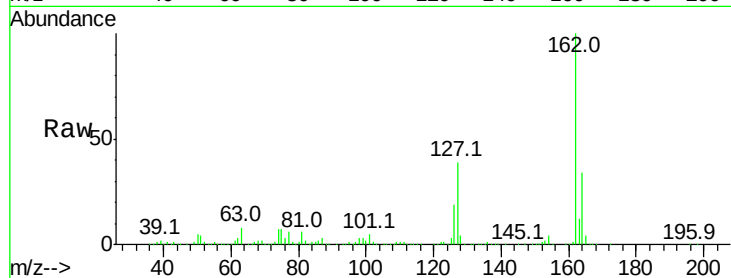
PZ-1-9-17-15MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 588441 |       |       |
| 127     | 39.3 | 27.6  |        | 41.4  |       |
| 164     | 33.8 | 25.4  |        | 38.2  |       |

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#47

2-Nitroaniline

Concen: 52.96 ng

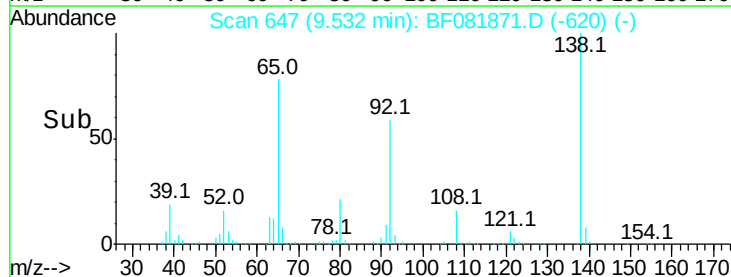
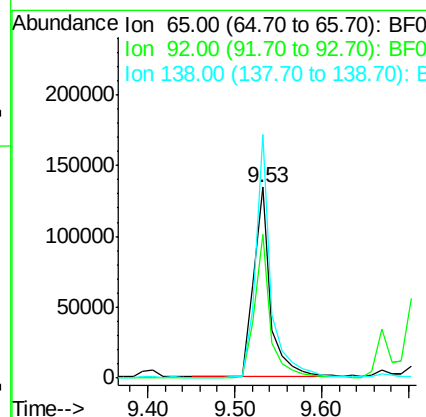
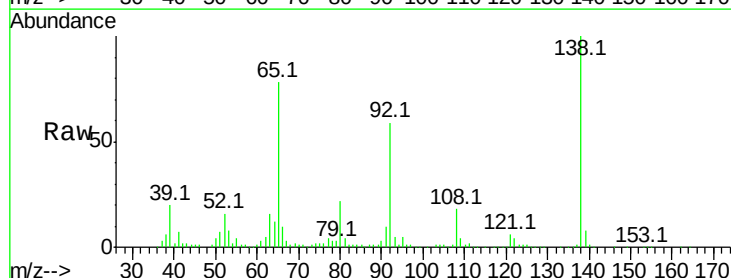
RT: 9.53 min Scan# 647

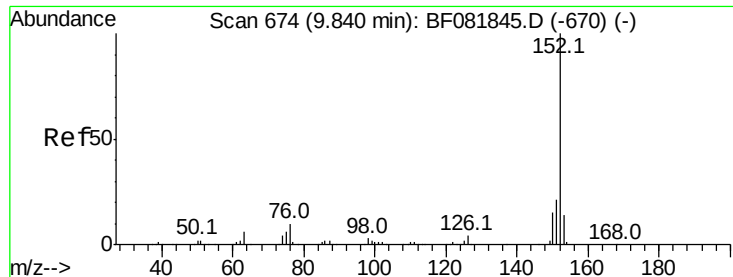
Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 65      | 100   |       | 181292 |       |       |
| 92      | 75.1  | 55.4  |        | 83.0  |       |
| 138     | 127.6 | 115.5 |        | 173.3 |       |





#48

Acenaphthylene

Concen: 45.41 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

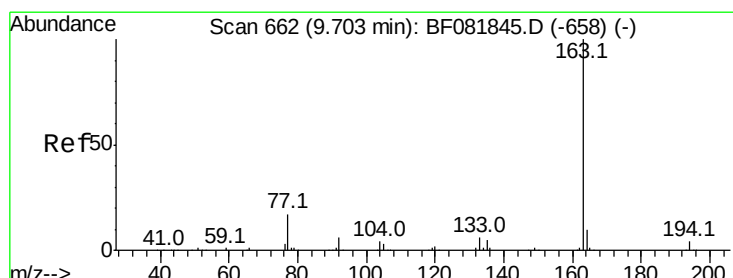
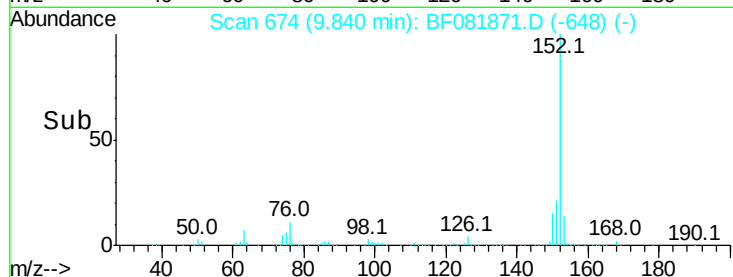
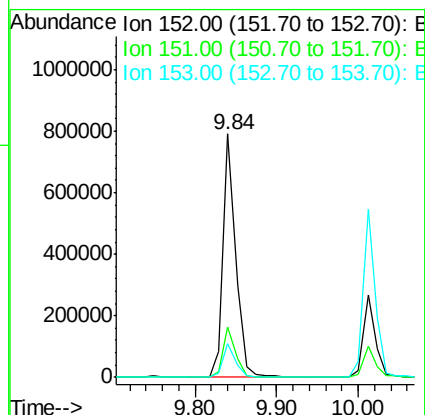
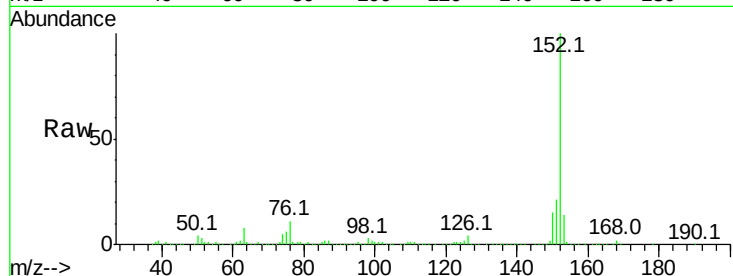
PZ-1-9-17-15MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 847510 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 14.6  | 22.0   |
| 153       | 14.0  | 10.3  | 15.5   |

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#49

Dimethylphthalate

Concen: 48.08 ng

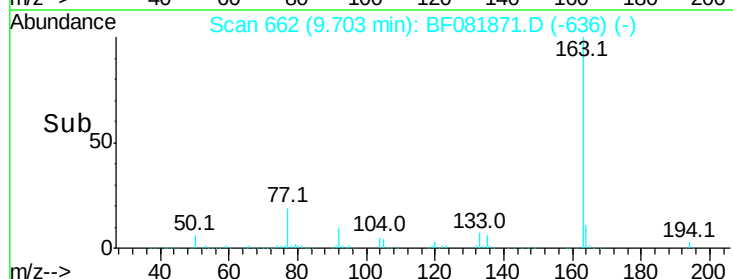
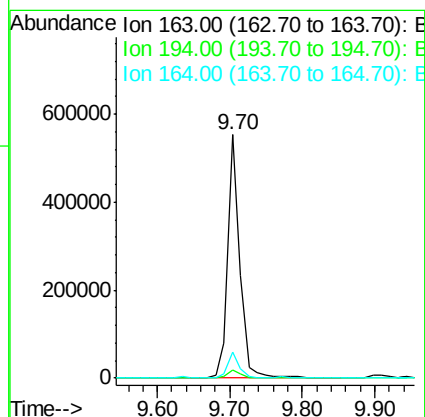
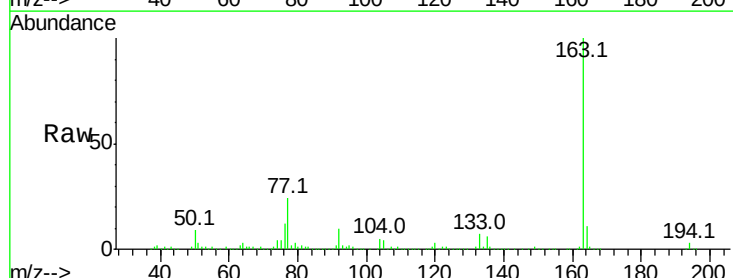
RT: 9.70 min Scan# 662

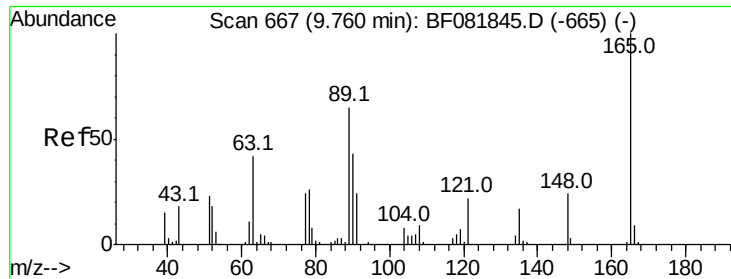
Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 638812 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 4.4   | 6.6#   |
| 164       | 10.9  | 8.3   | 12.5   |





#50  
 2,6-Dinitrotoluene  
 Concen: 57.19 ng  
 RT: 9.77 min Scan# 668  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

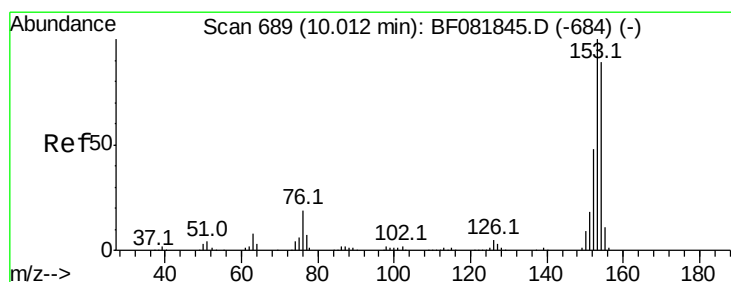
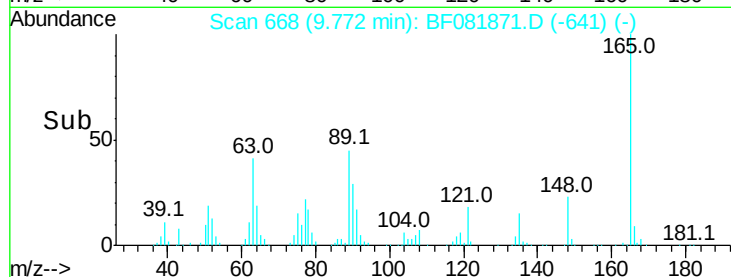
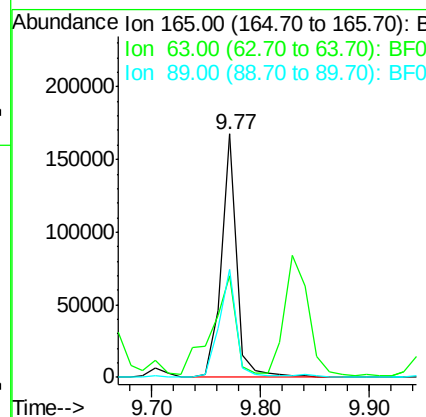
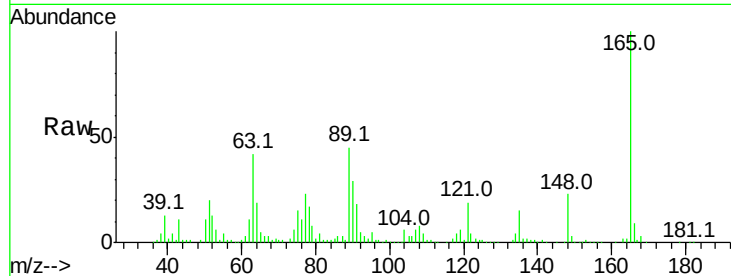
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 164967 |       |       |
| 63      | 41.8  |        | 32.3  | 48.5  |
| 89      | 44.5  |        | 28.6  | 43.0  |

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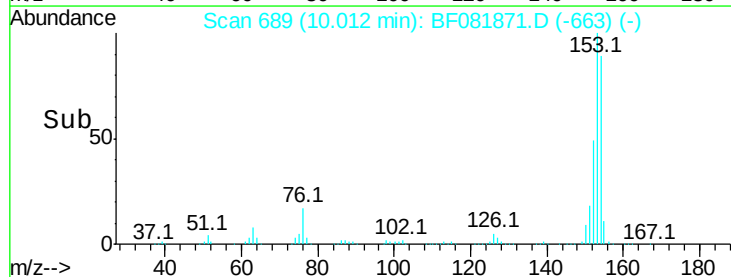
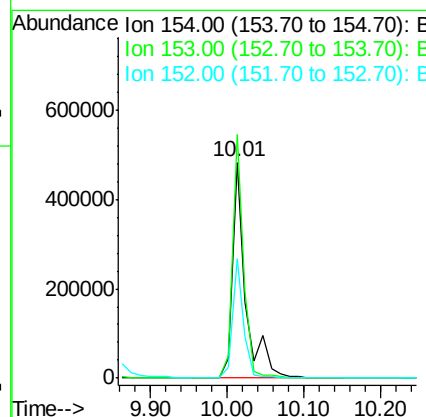
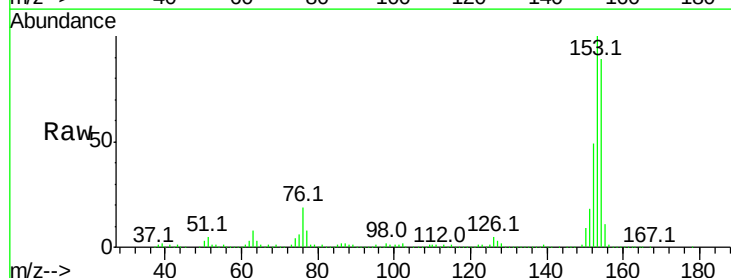
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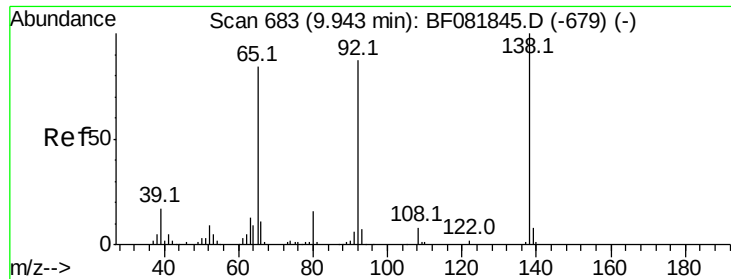
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#51  
 Acenaphthene  
 Concen: 53.80 ng  
 RT: 10.01 min Scan# 689  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 596196 |       |       |
| 153     | 112.7 |        | 82.1  | 123.1 |
| 152     | 55.0  |        | 37.9  | 56.9  |





#52  
3-Nitroaniline  
Concen: 28.43 ng  
RT: 9.94 min Scan# 683  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

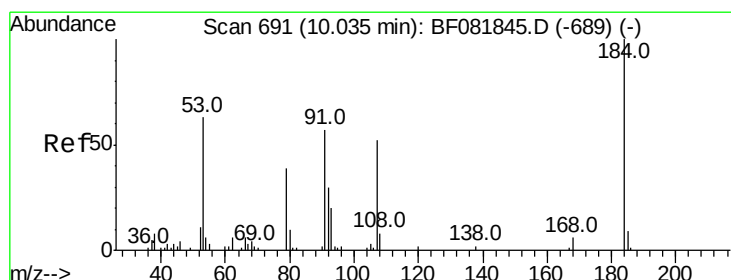
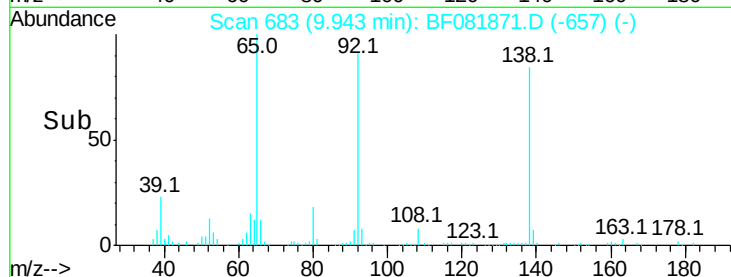
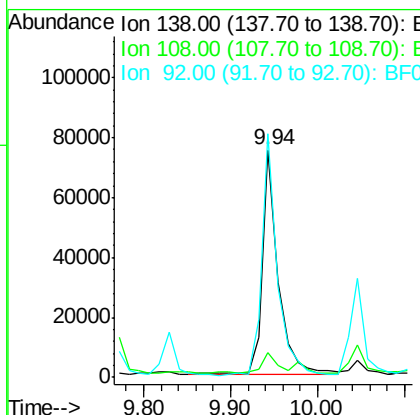
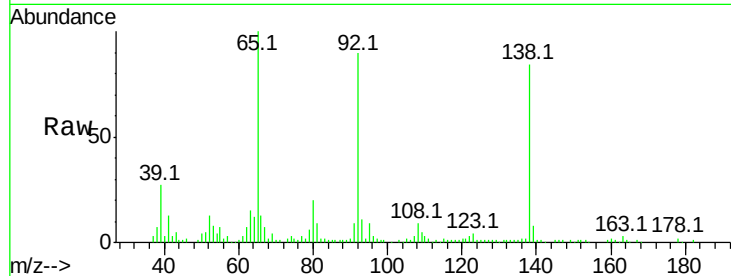
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

Tot Ion:138 Resp: 94892  
Ion Ratio Lower Upper  
138 100  
108 10.8 5.7 8.5#  
92 107.3 67.7 101.5#

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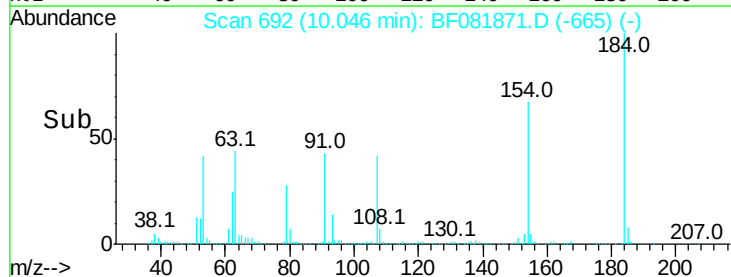
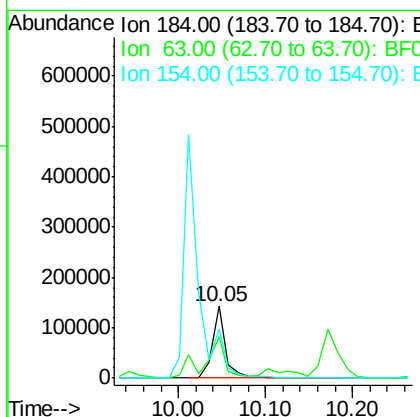
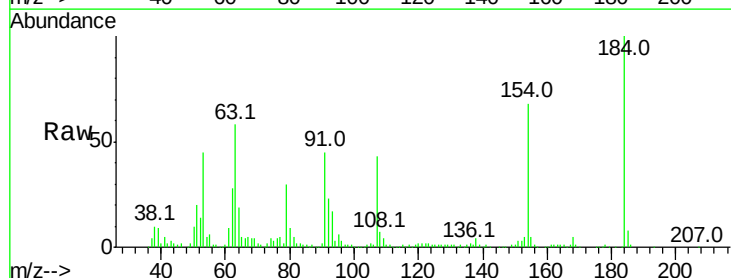
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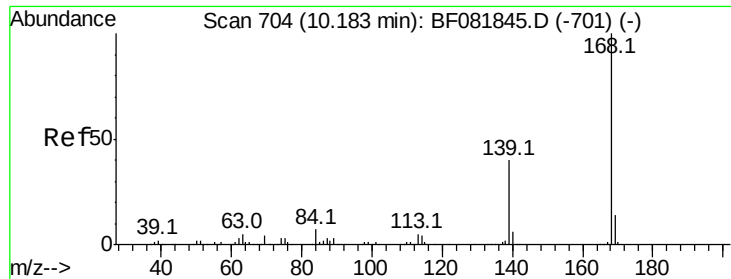
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#53  
2,4-Dinitrophenol  
Concen: 95.20 ng  
RT: 10.05 min Scan# 692  
Delta R.T. 0.01 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

Tgt Ion:184 Resp: 151647  
Ion Ratio Lower Upper  
184 100  
63 57.9 35.4 53.2#  
154 67.7 32.2 48.4#





#54

Dibenzofuran

Concen: 49.66 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:168 Resp: 777697

Ion Ratio Lower Upper

168 100

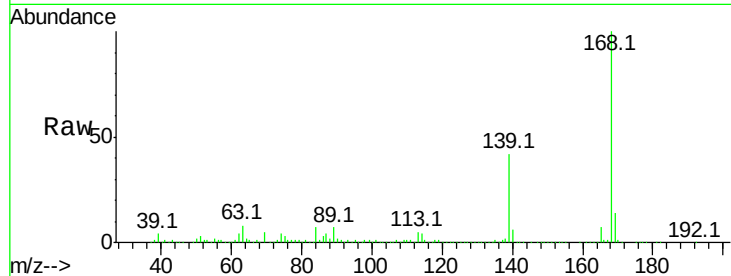
139 42.2 24.2 36.2#

169 14.3 10.6 15.8

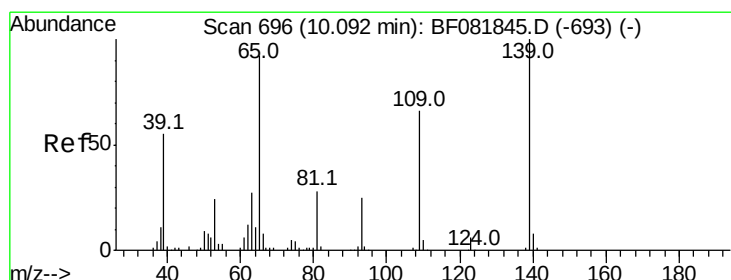
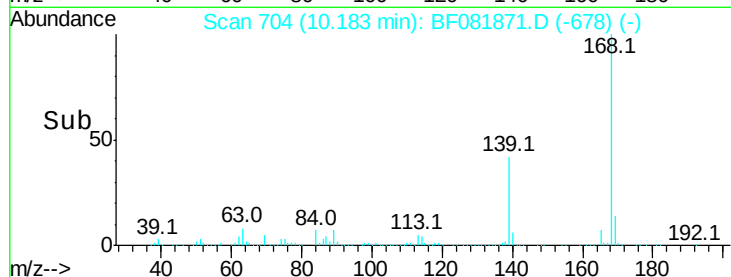
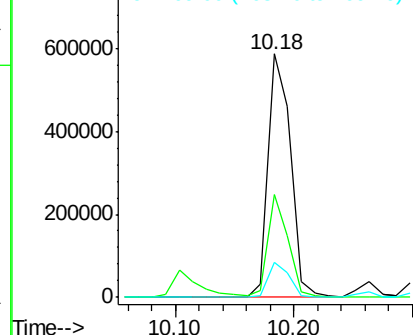
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Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 41.33 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

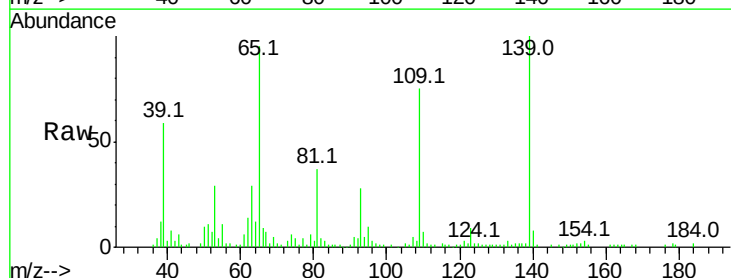
Tgt Ion:139 Resp: 99657

Ion Ratio Lower Upper

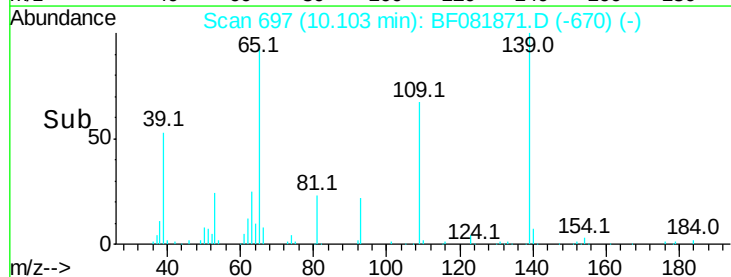
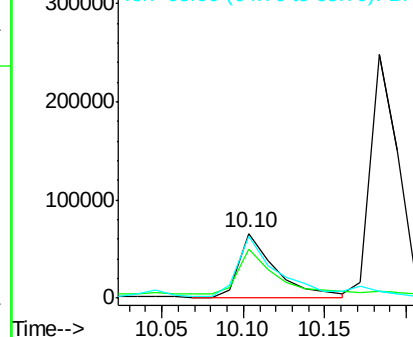
139 100

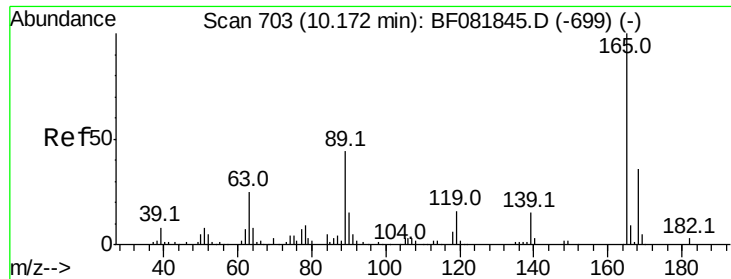
109 75.1 12.7 52.7#

65 94.6 45.9 85.9#



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: 56.63 ng  
RT: 10.17 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

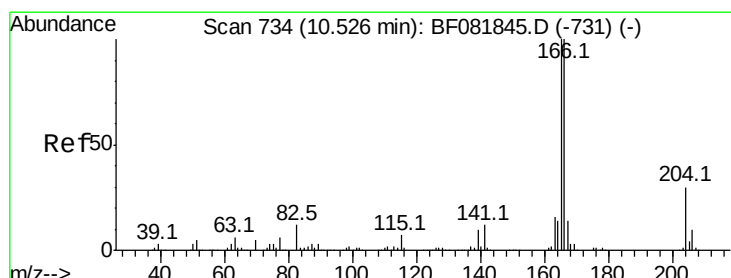
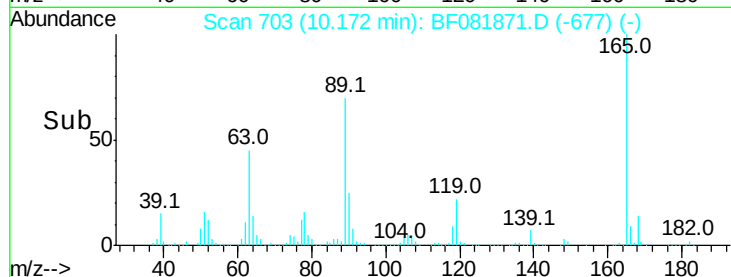
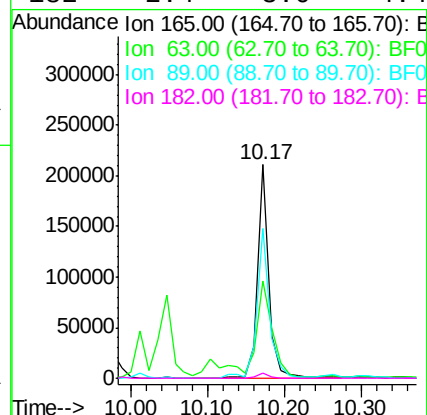
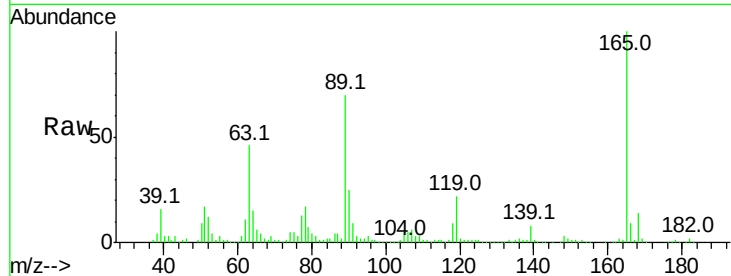
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 45.7  | 29.8       | 44.6# |
| 89      | 69.8  | 44.5       | 66.7# |
| 182     | 2.4   | 3.0        | 4.4#  |

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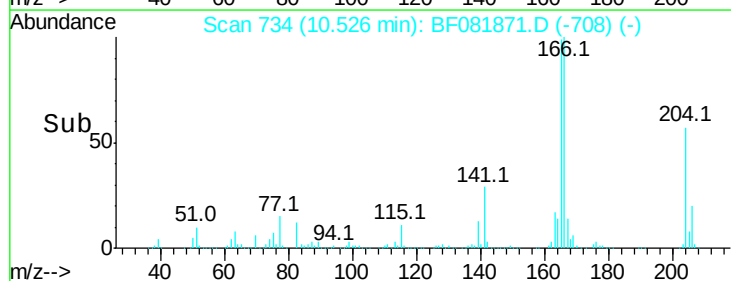
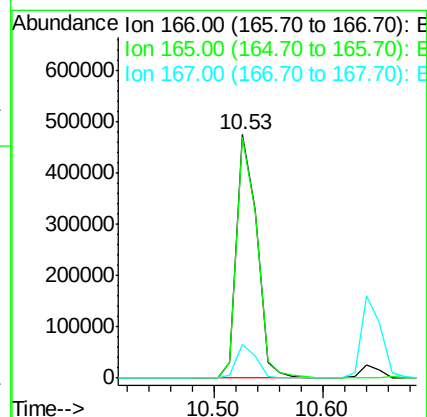
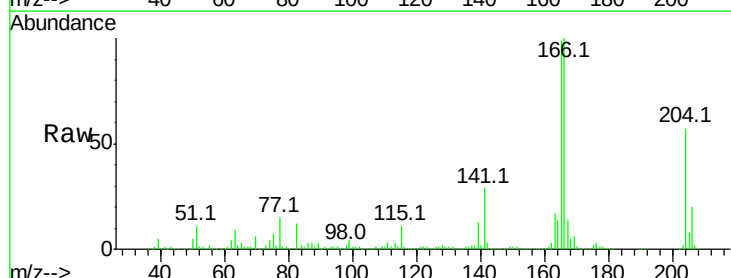
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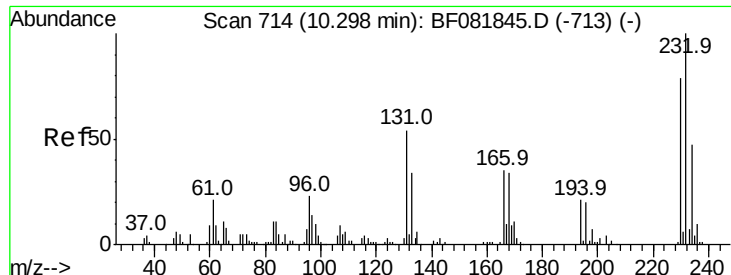


#57  
Fluorene  
Concen: 54.29 ng  
RT: 10.53 min Scan# 734  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 98.9  | 72.6       | 109.0 |
| 167     | 13.8  | 10.6       | 16.0  |







#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 53.74 ng  
 RT: 10.31 min Scan# 715  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

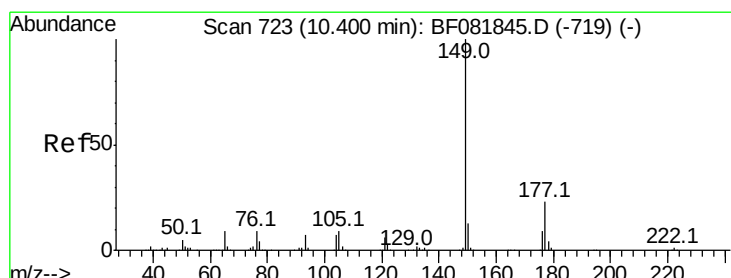
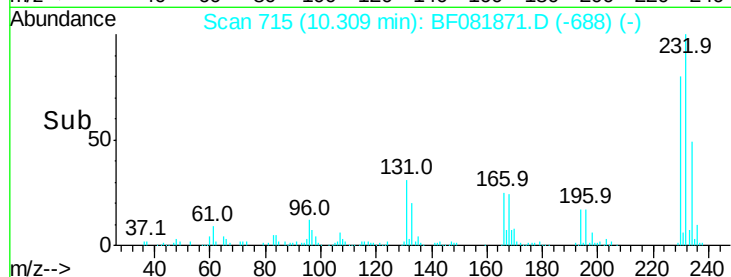
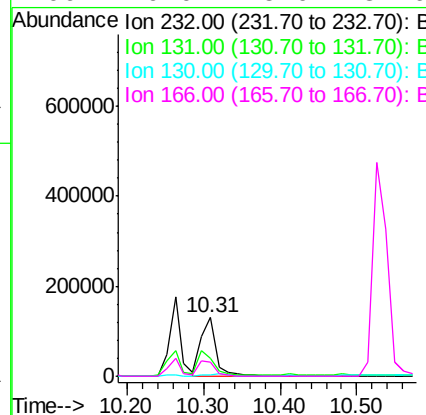
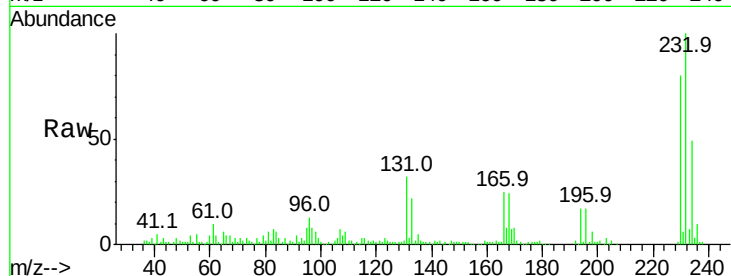
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 177600 |       |       |
| 131     | 0.0   | 38.5   | 57.7# |       |
| 130     | 4.6   | 1.8    | 2.6#  |       |
| 166     | 0.0   | 25.0   | 37.6# |       |

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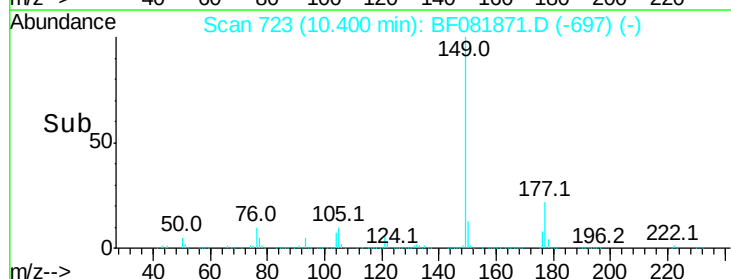
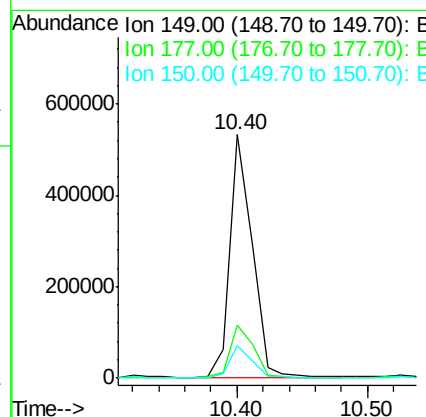
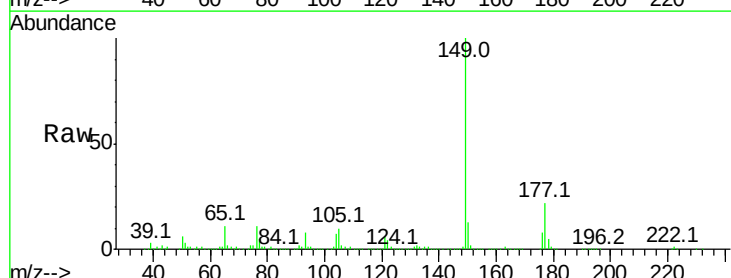
MMDadoda

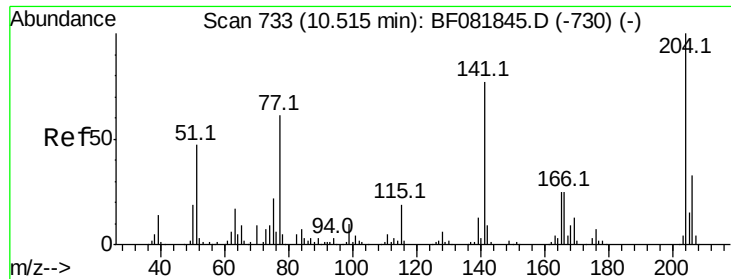
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#59  
 Diethylphthalate  
 Concen: 50.85 ng  
 RT: 10.40 min Scan# 723  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 631019 |       |       |
| 177     | 21.7  | 17.5   | 26.3  |       |
| 150     | 13.4  | 9.4    | 14.2  |       |





#60  
 4-Chlorophenyl-phenylether  
 Concen: 51.76 ng  
 RT: 10.53 min Scan# 734  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

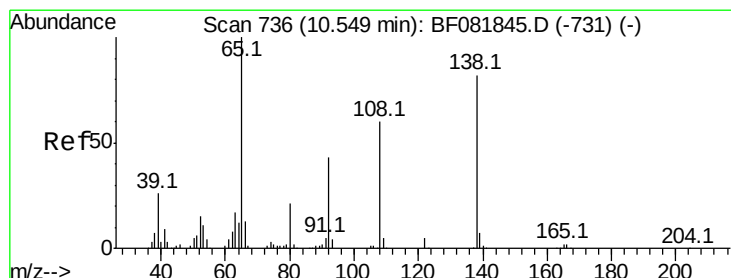
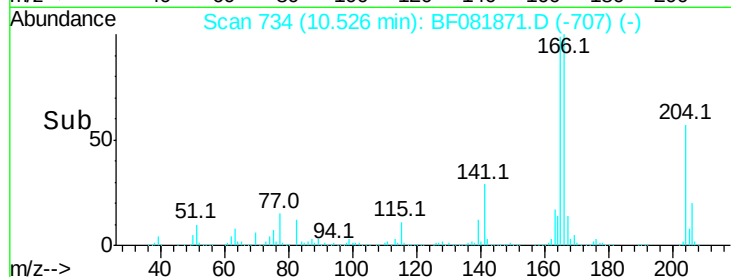
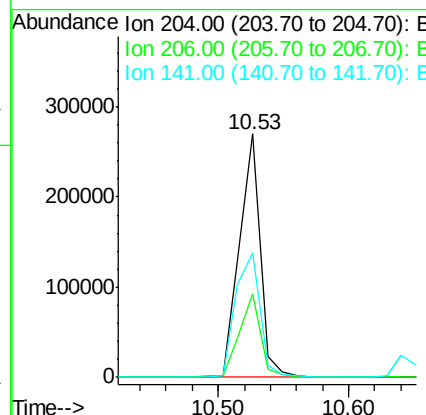
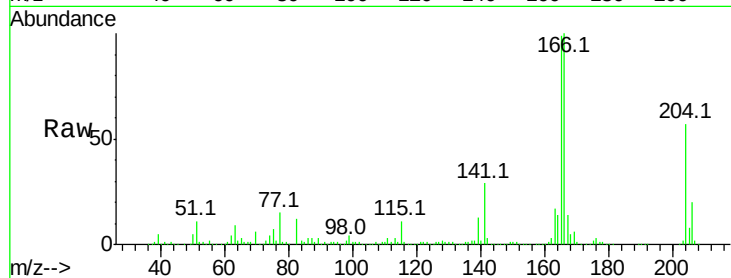
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 296803 |       |       |
| 206     | 34.3  |        | 24.8  | 37.2  |
| 141     | 51.2  |        | 42.2  | 63.4  |

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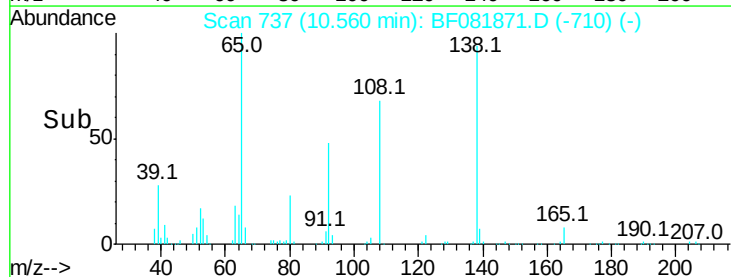
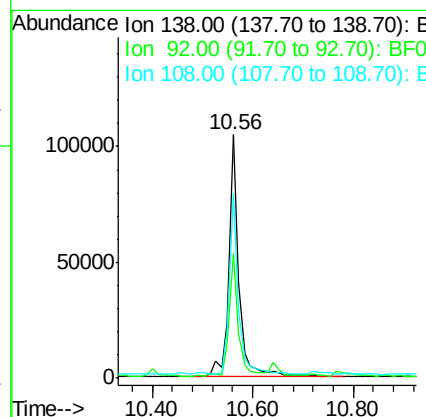
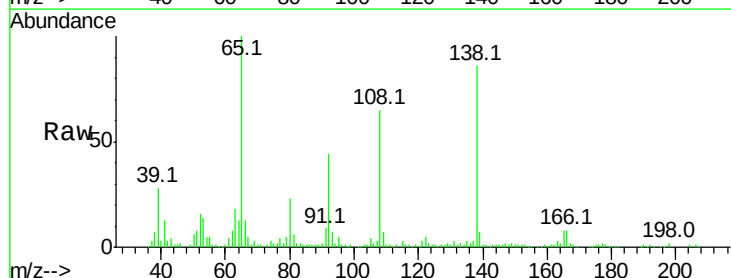
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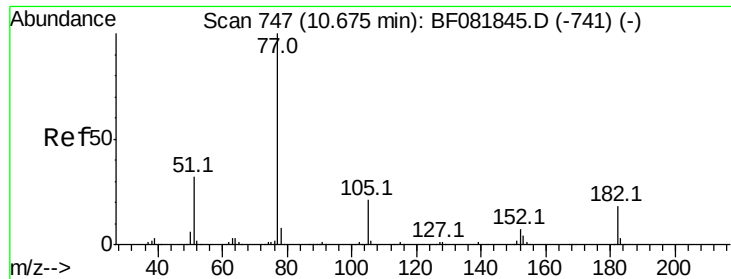
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#61  
 4-Nitroaniline  
 Concen: 42.92 ng  
 RT: 10.56 min Scan# 737  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 143619 |       |       |
| 92      | 51.3  |        | 12.6  | 52.6  |
| 108     | 75.9  |        | 12.4  | 52.4# |





#62

Azobenzene

Concen: 54.26 ng

RT: 10.69 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

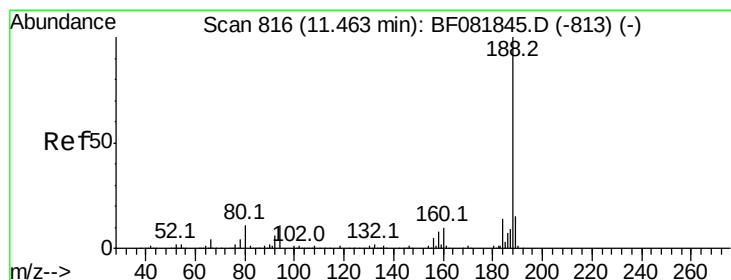
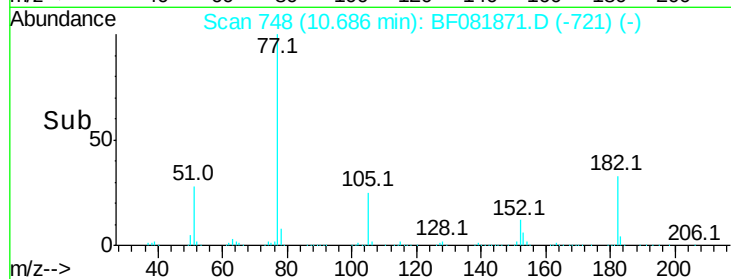
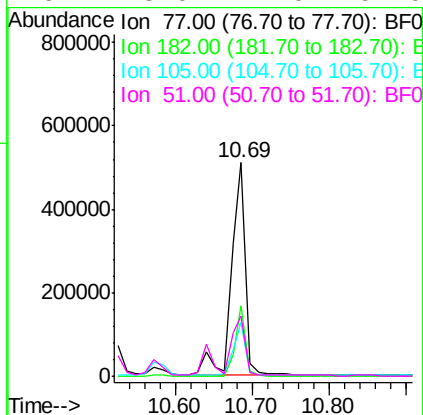
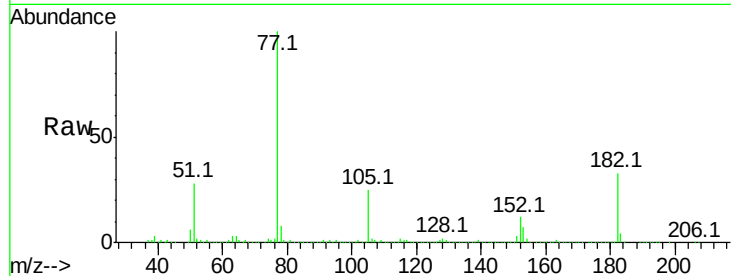
PZ-1-9-17-15MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 657186 |       |       |
| 182     | 33.2 | 15.1  | 55.1   |       |       |
| 105     | 25.0 | 3.4   | 43.4   |       |       |
| 51      | 28.0 | 12.0  | 52.0   |       |       |

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#63

Phenanthrene-d10

Concen: 20.00 ng

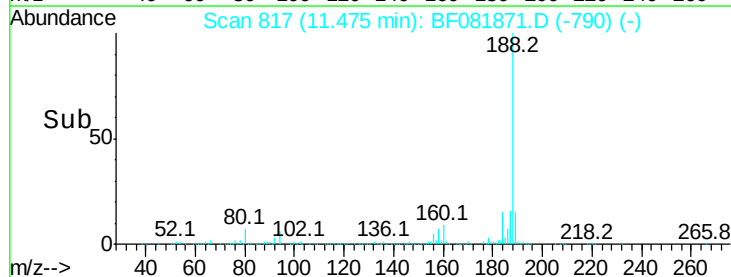
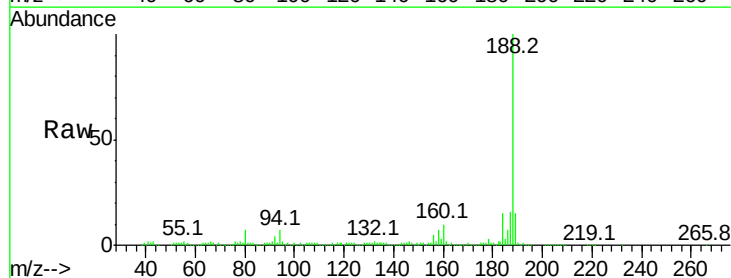
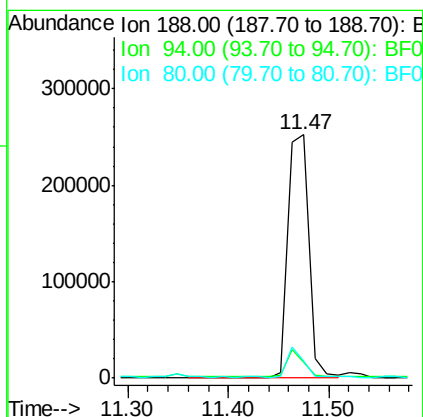
RT: 11.47 min Scan# 817

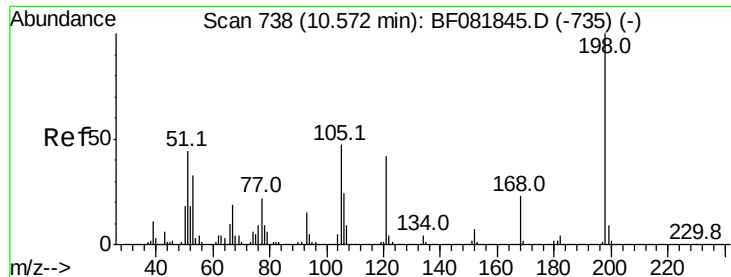
Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 365737 |       |       |
| 94      | 6.7 | 11.1  | 16.7#  |       |       |
| 80      | 6.9 | 11.0  | 16.4#  |       |       |





#64

4,6-Dinitro-2-methylphenol

Concen: 58.50 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

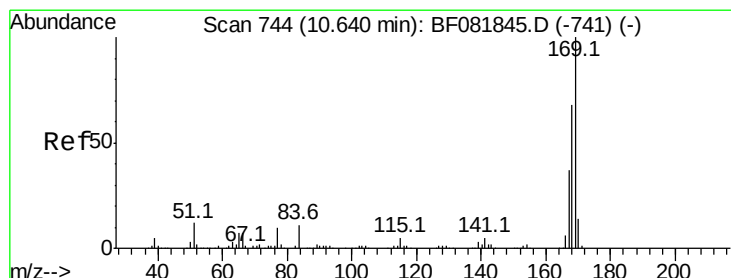
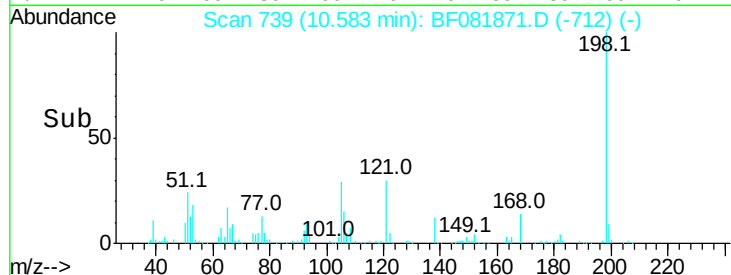
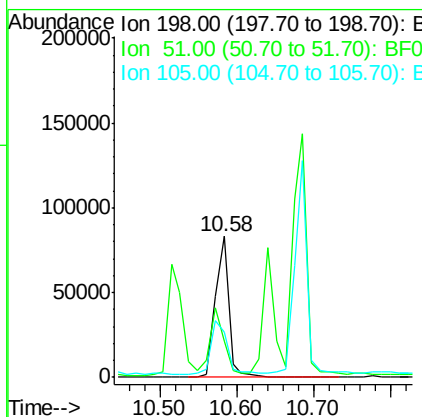
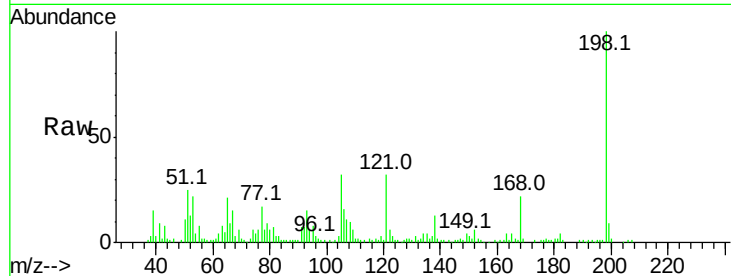
PZ-1-9-17-15MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 102064 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 25.3  | 39.6  | 79.6#  |
| 105       | 32.2  | 28.5  | 68.5   |

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#65

n-Nitrosodiphenylamine

Concen: 47.91 ng

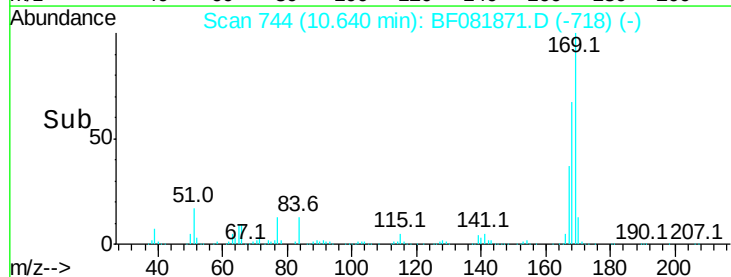
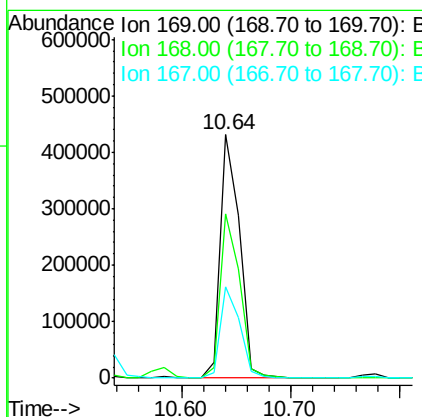
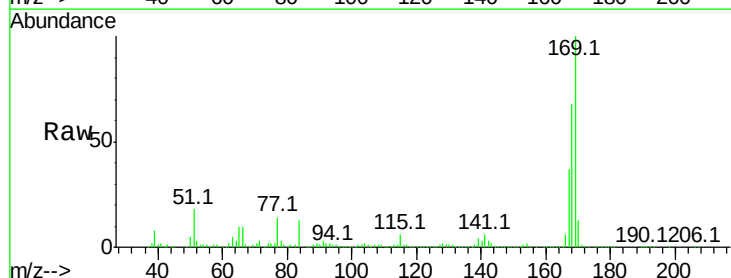
RT: 10.64 min Scan# 744

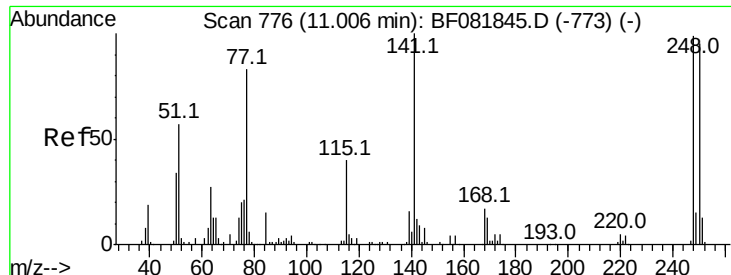
Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 530155 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.7  | 48.9  | 73.3   |
| 167       | 37.4  | 26.2  | 39.4   |





#66

4-Bromophenyl-phenylether

Concen: 54.05 ng

RT: 11.02 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

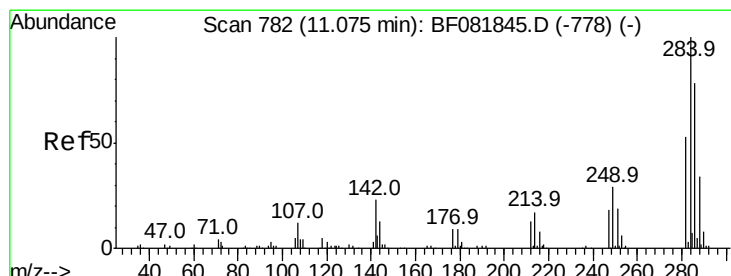
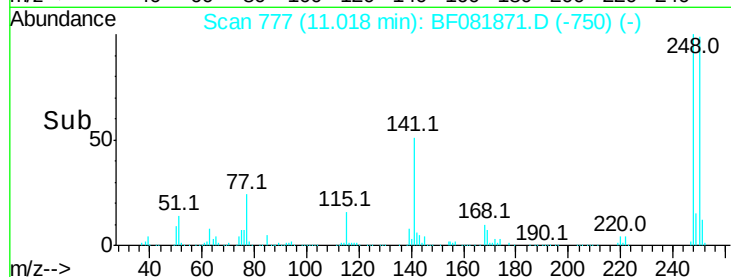
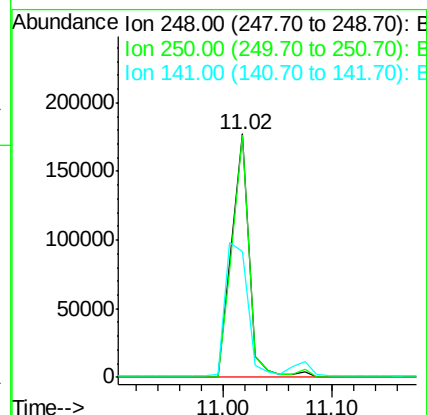
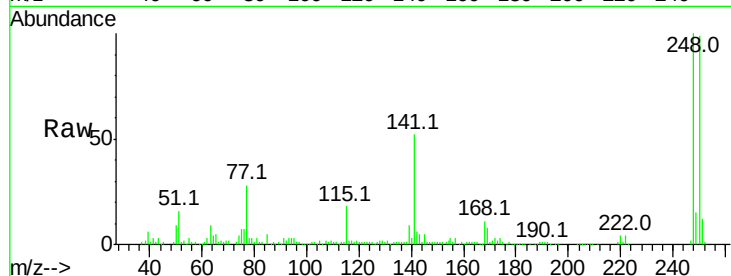
PZ-1-9-17-15MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 199304 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 99.4  | 78.5  | 117.7  |
| 141       | 51.8  | 59.0  | 88.6#  |

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#67

Hexachlorobenzene

Concen: 51.98 ng

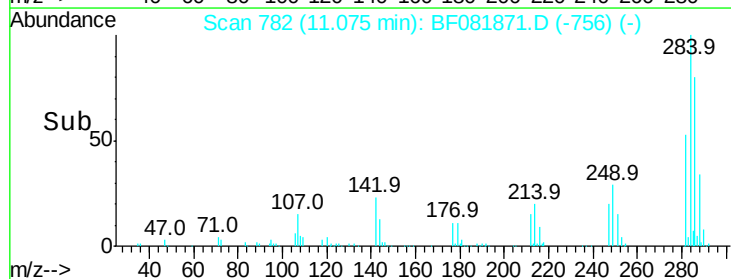
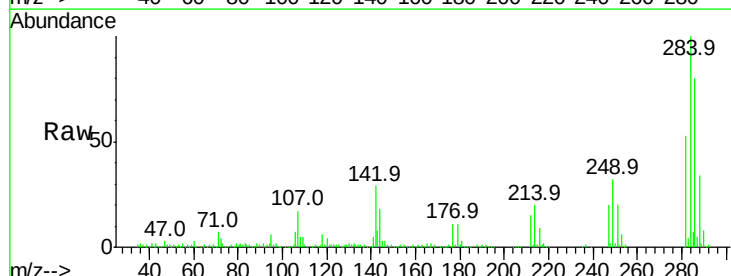
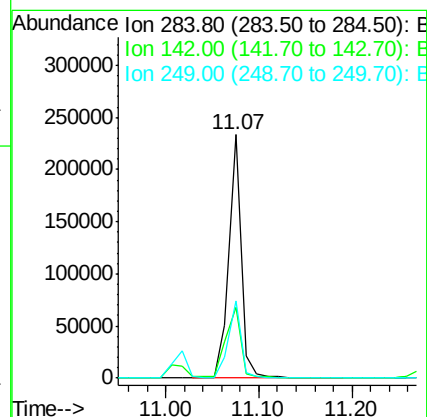
RT: 11.07 min Scan# 782

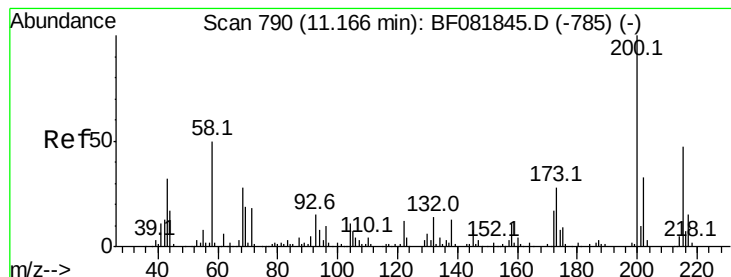
Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 216314 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 29.3  | 29.5  | 44.3#  |
| 249       | 31.8  | 19.5  | 29.3#  |





#68  
Atrazine  
Concen: 49.62 ng  
RT: 11.19 min Scan# 792  
Delta R.T. 0.02 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

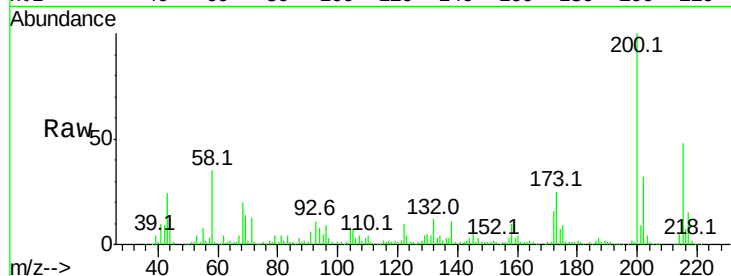
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 13.2  | 53.2  |
| 215     | 48.3  | 41.8  | 81.8  |

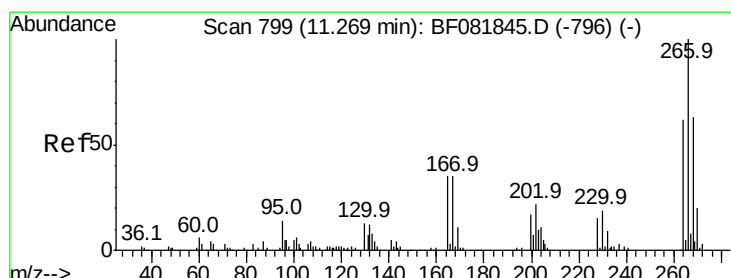
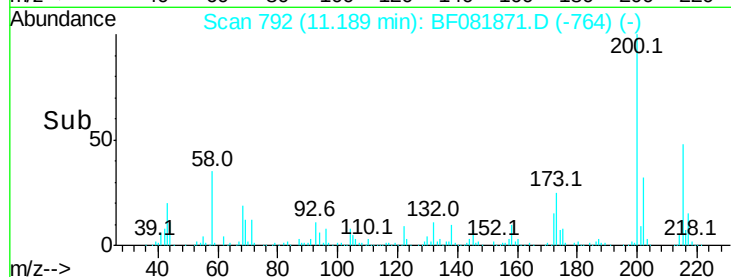
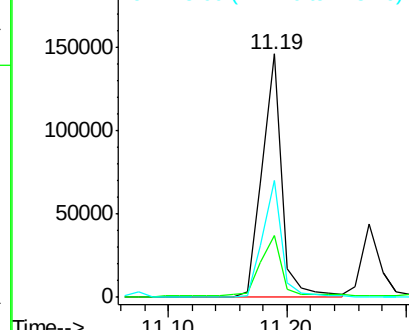
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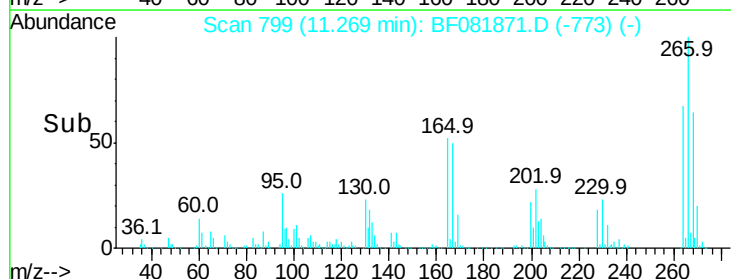
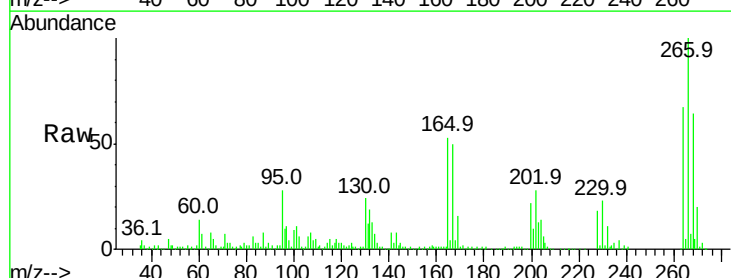
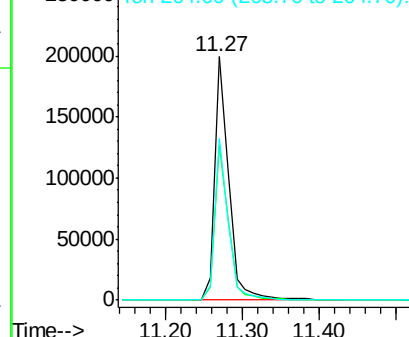
Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

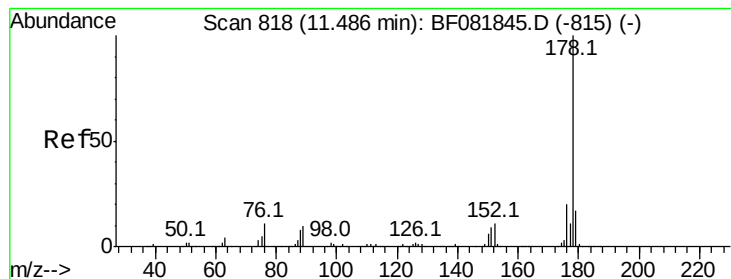


#69  
Pentachlorophenol  
Concen: 105.45 ng  
RT: 11.27 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.0  | 49.8  | 74.6  |
| 264     | 66.7  | 50.2  | 75.2  |

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: 56.12 ng

RT: 11.50 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

PZ-1-9-17-15MSD

Tot Ion:178 Resp: 980567

Ion Ratio Lower Upper

178 100

176 20.3 13.8 20.8

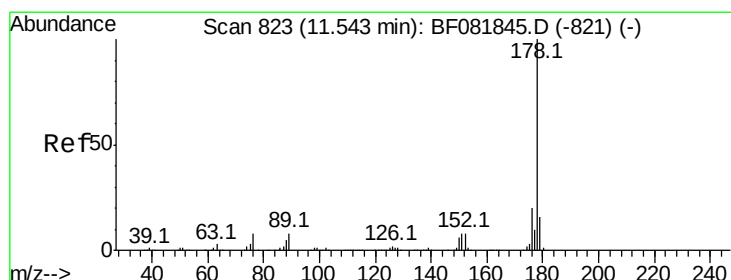
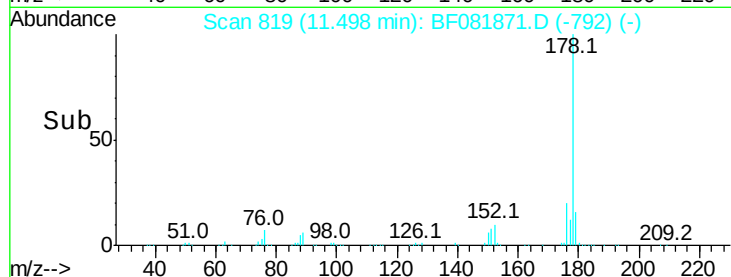
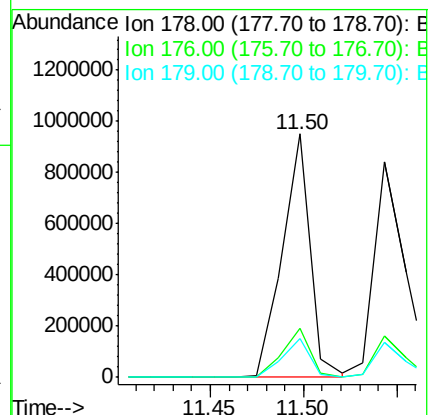
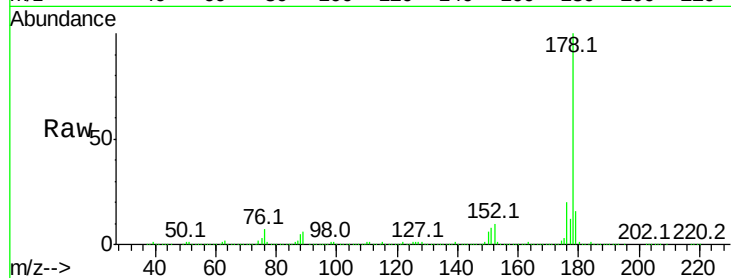
179 16.0 12.2 18.2

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#71

Anthracene

Concen: 50.79 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF081871.D

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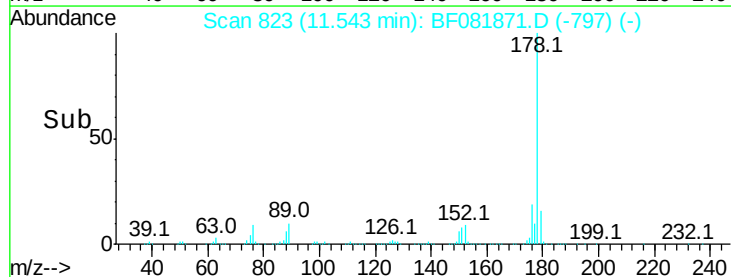
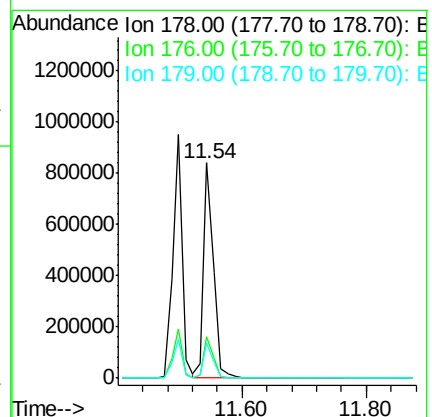
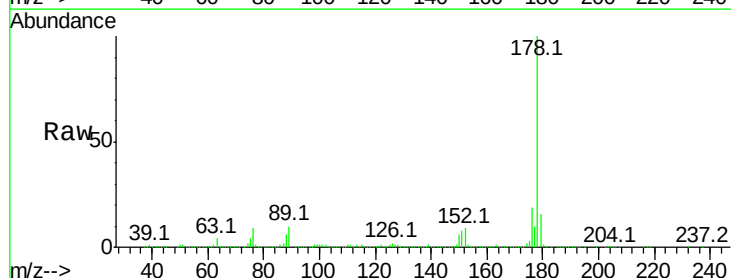
Tgt Ion:178 Resp: 944069

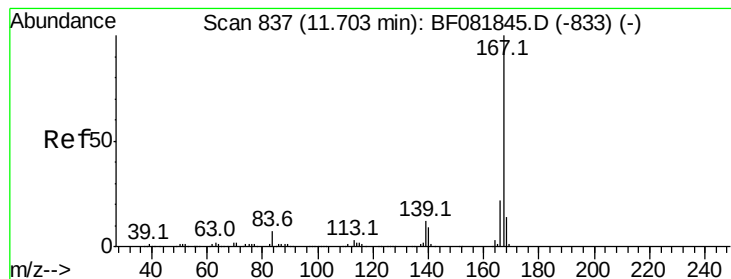
Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

179 16.3 12.2 18.2





#72

Carbazole

Concen: 51.59 ng

RT: 11.70 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

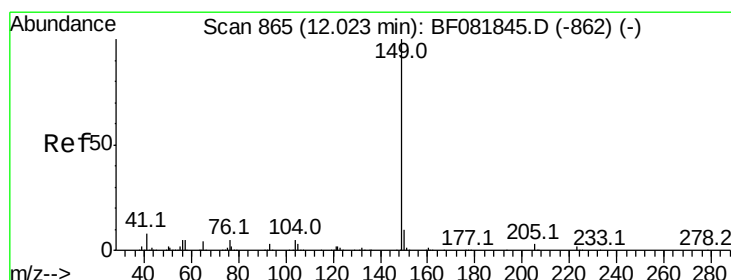
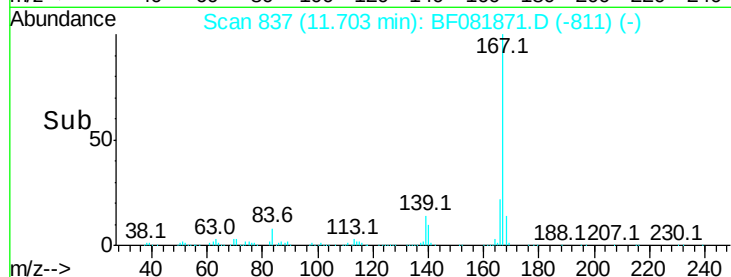
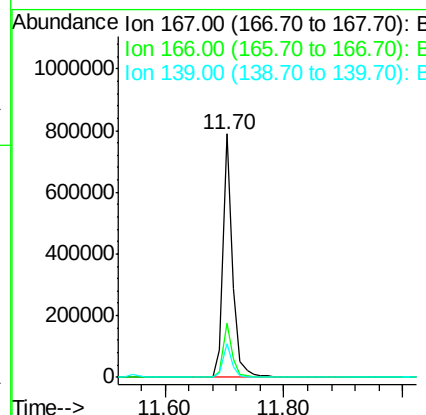
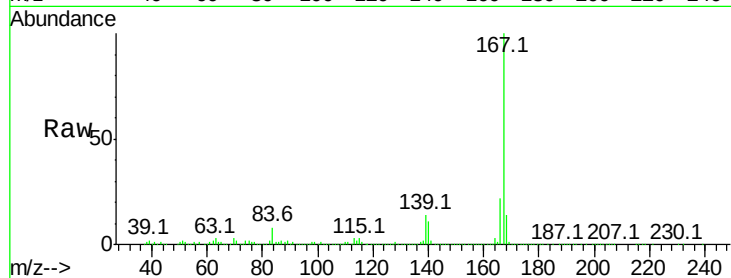
PZ-1-9-17-15MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 868001 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.4  | 15.7  | 23.5   |
| 139       | 13.7  | 9.5   | 14.3   |

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#73

Di-n-butylphthalate

Concen: 58.98 ng

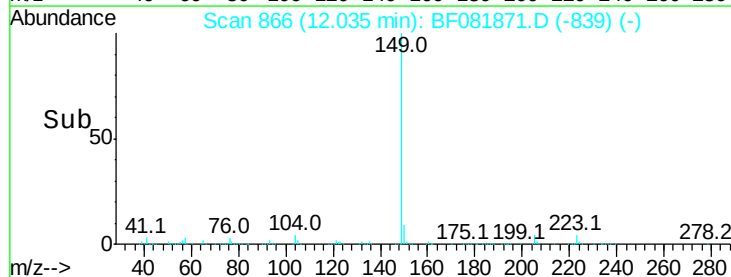
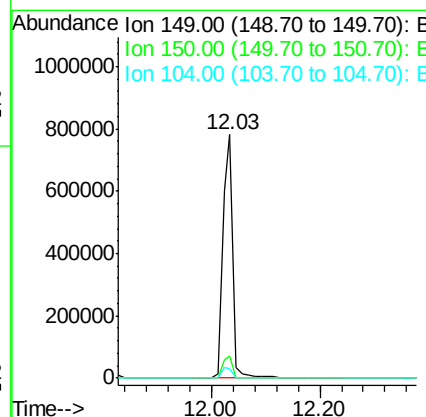
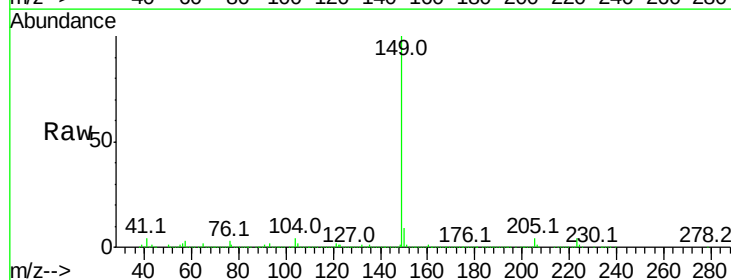
RT: 12.03 min Scan# 866

Delta R.T. 0.01 min

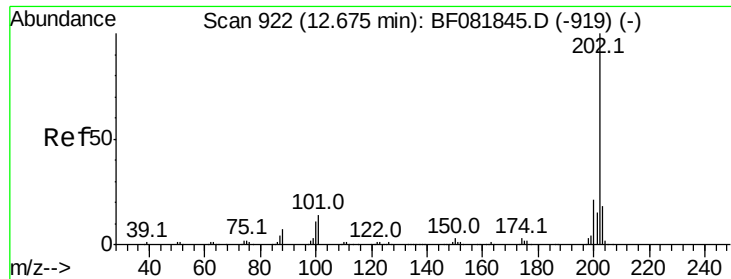
Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1003496 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 150       | 9.0   | 7.4   | 11.2    |
| 104       | 3.6   | 2.4   | 3.6#    |







#74

Fluoranthene

Concen: 54.73 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

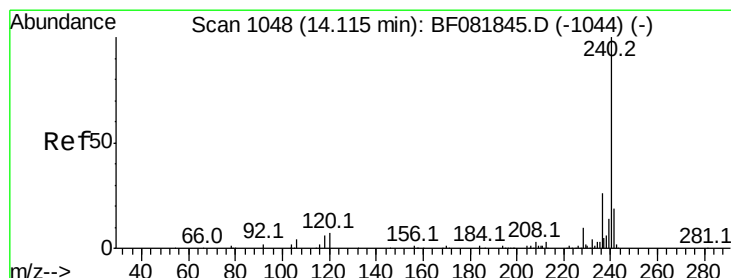
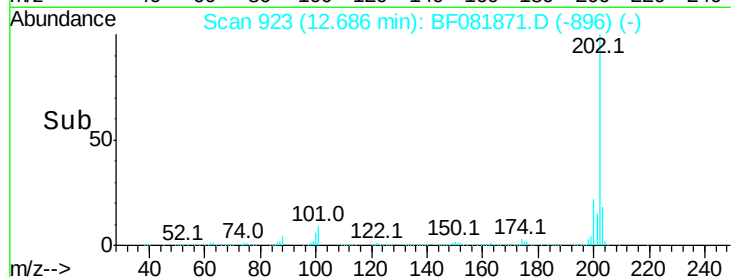
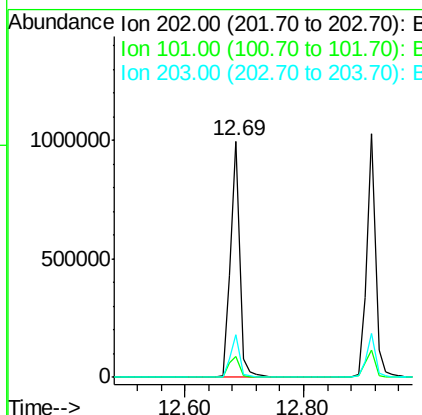
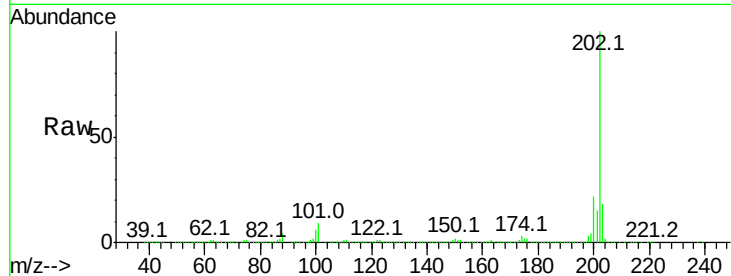
PZ-1-9-17-15MSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1072255 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 8.7   | 0.0   | 38.3    |
| 203       | 18.1  | 0.0   | 37.3    |

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#75

Chrysene-d12

Concen: 20.00 ng

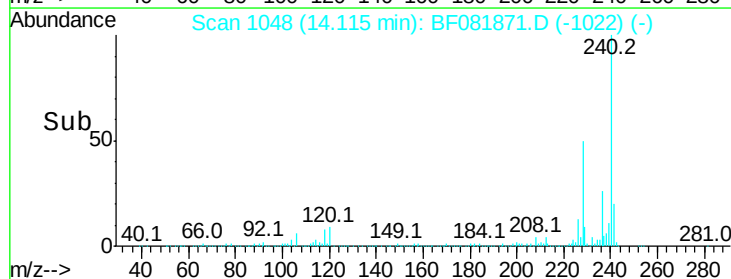
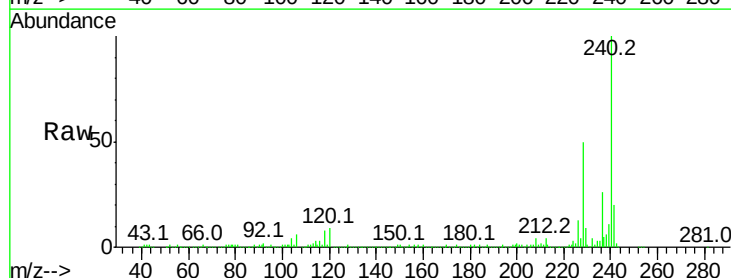
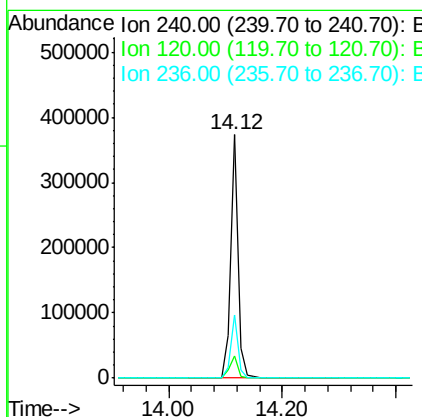
RT: 14.12 min Scan# 1048

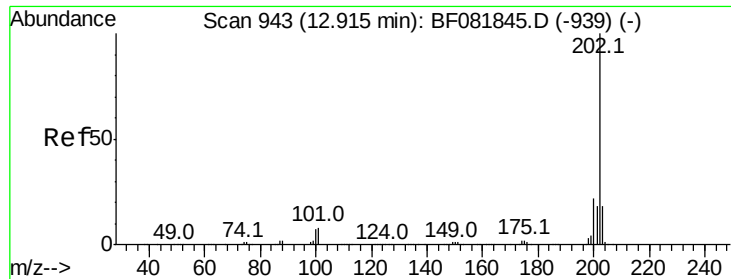
Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 343558 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.1   | 16.2  | 24.2#  |
| 236       | 25.8  | 18.4  | 27.6   |





#77  
Pvrene  
Concen: 51.73 ng/mL  
RT: 12.91 min Scan# 943  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

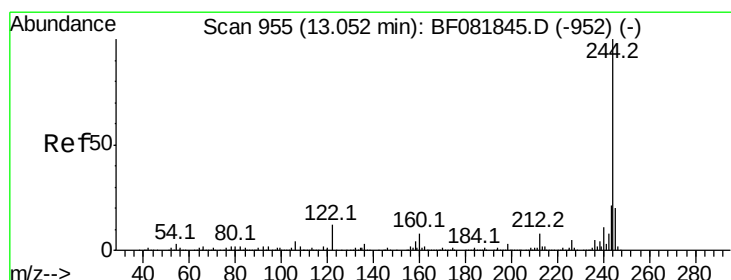
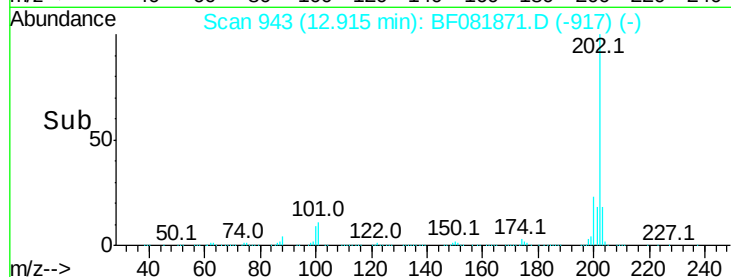
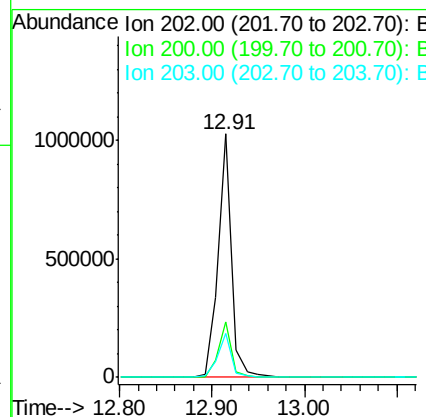
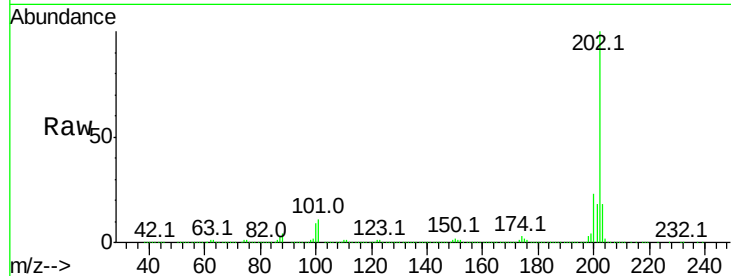
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.7  | 15.0  | 22.4# |
| 203     | 18.3  | 14.1  | 21.1  |

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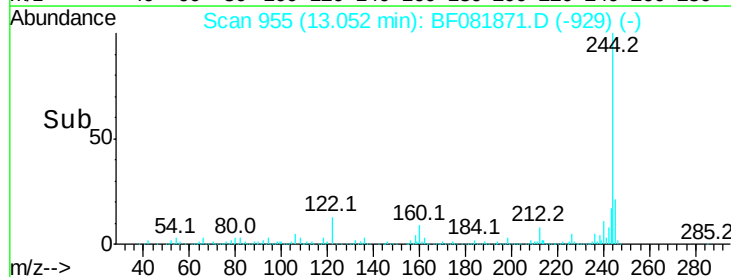
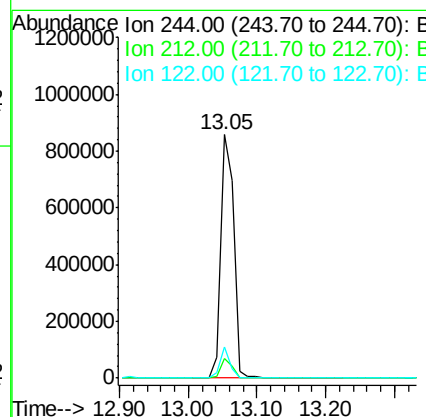
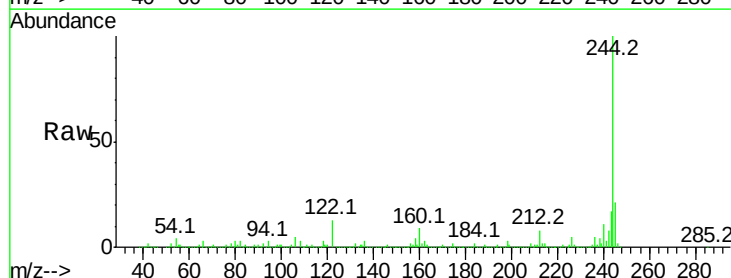
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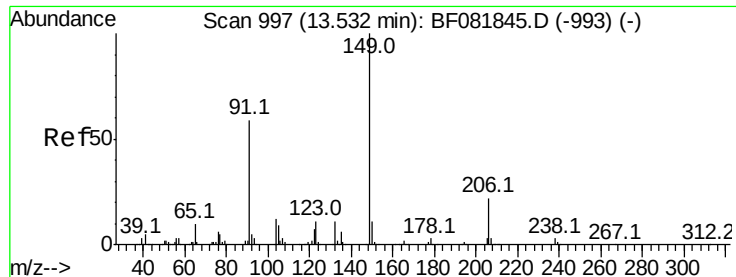
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#78  
Terphenyl-d14  
Concen: 122.66 ng  
RT: 13.05 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 4.3   | 6.5#  |
| 122     | 12.9  | 17.4  | 26.2# |





#79

Butylbenzylphthalate

Concen: 57.52 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

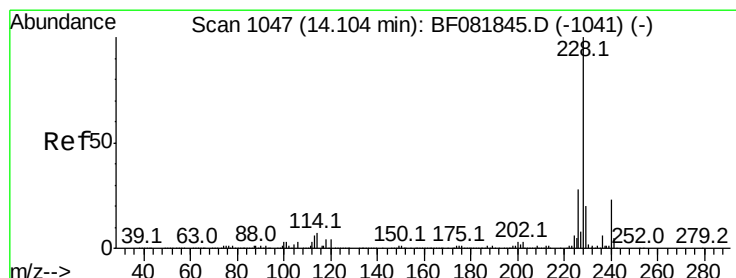
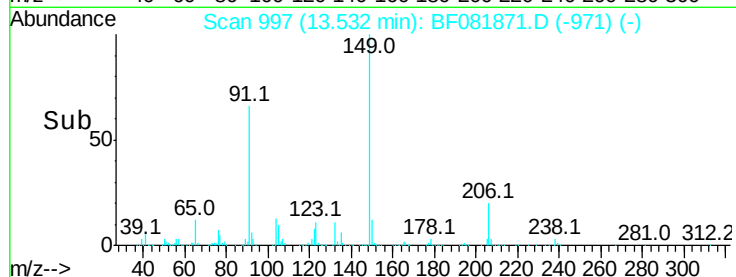
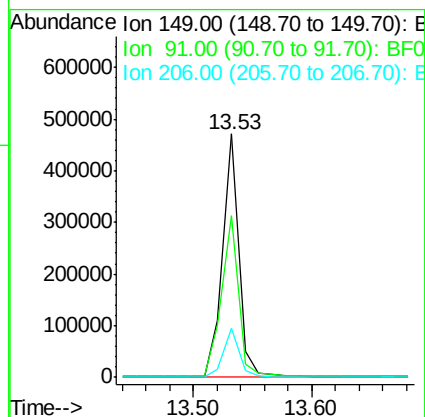
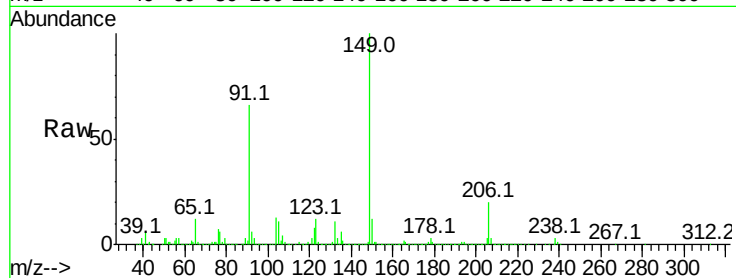
PZ-1-9-17-15MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 444206 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 66.2  | 48.6  | 72.8   |
| 206       | 20.3  | 14.9  | 22.3   |

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#80

Benzo(a)anthracene

Concen: 50.17 ng

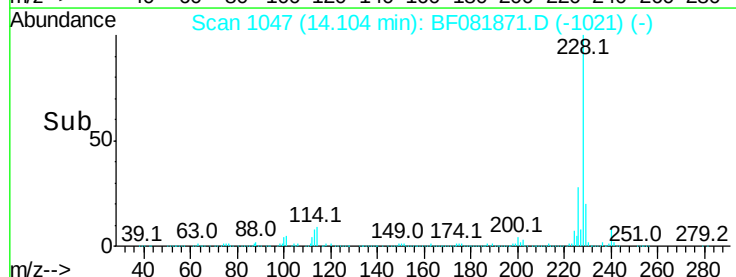
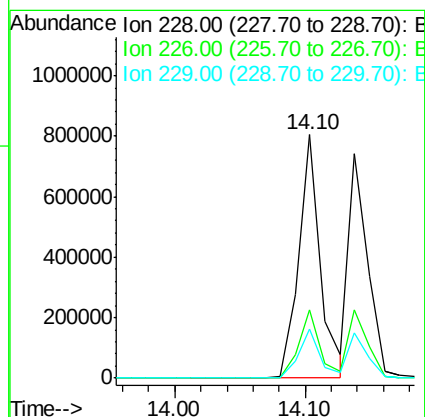
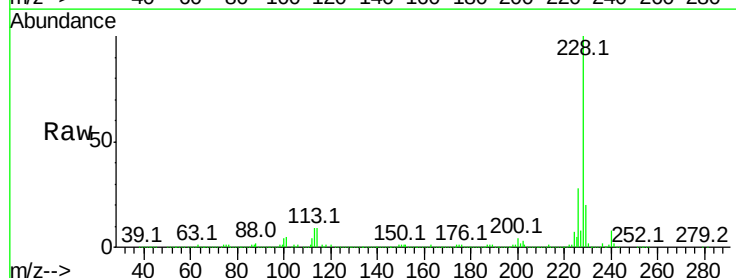
RT: 14.10 min Scan# 1047

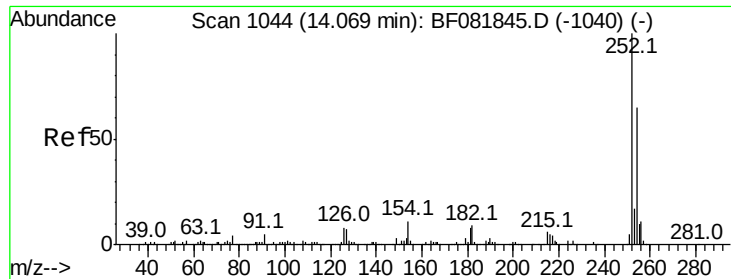
Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 928065 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.1  | 20.0  | 30.0   |
| 229       | 20.3  | 15.4  | 23.2   |





#81  
 3,3'-Dichlorobenzidine  
 Concen: 6.12 ng  
 RT: 14.07 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

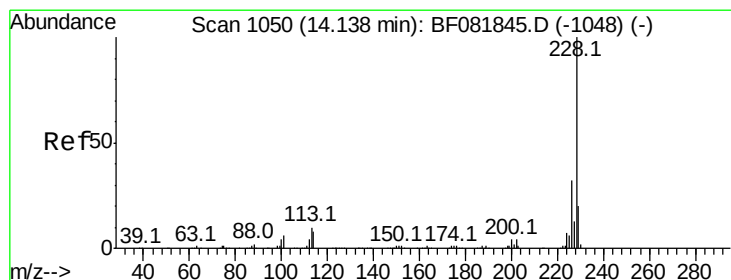
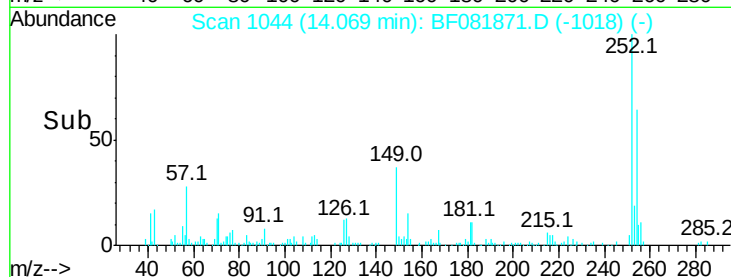
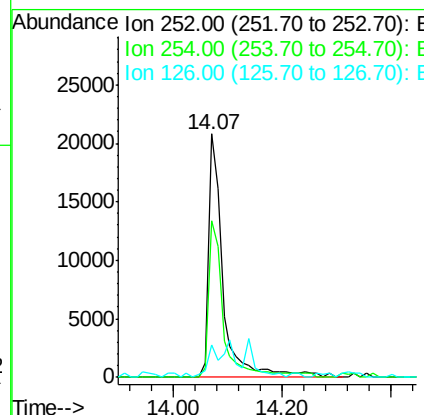
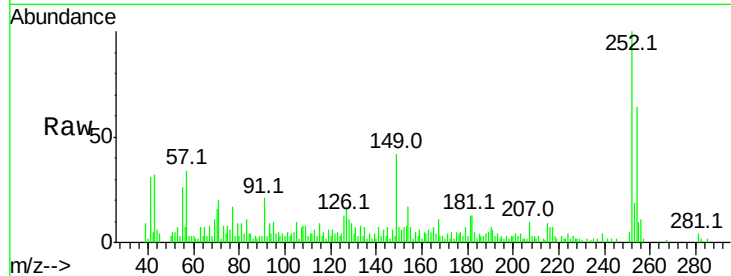
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.2  | 51.4  | 77.2  |
| 126     | 13.1  | 16.4  | 24.6  |

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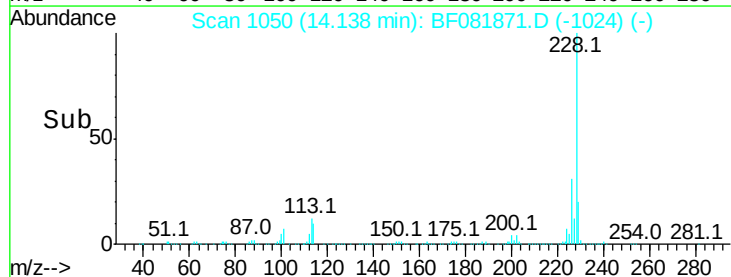
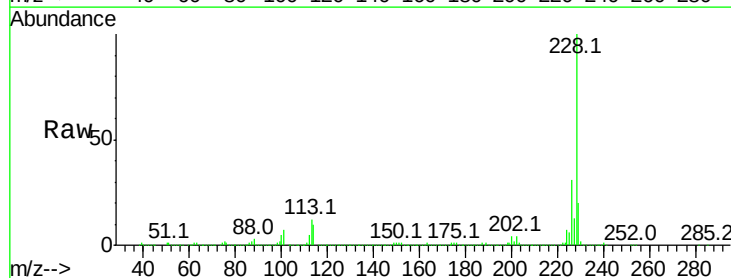
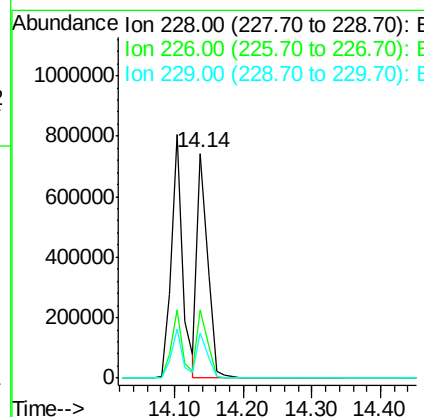
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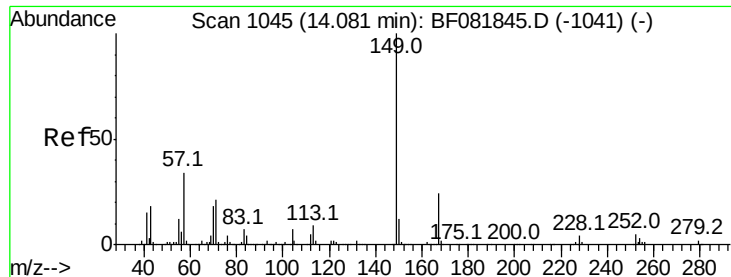
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#82  
 Chrysene  
 Concen: 52.02 ng  
 RT: 14.14 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 21.0  | 31.4  |
| 229     | 20.3  | 15.6  | 23.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.80 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

Instrument :

BNA\_F

ClientSampleId :

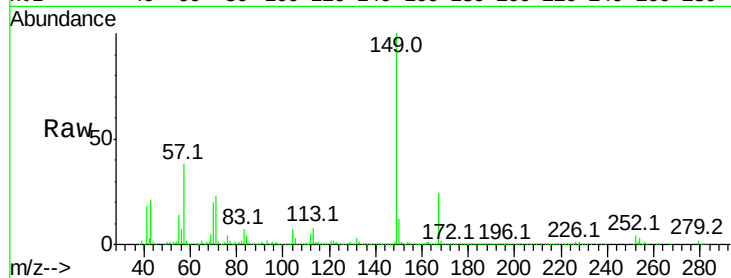
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 550315 |       |       |
| 167     | 24.2  |        | 24.2  | 36.2  |
| 279     | 2.0   |        | 3.8   | 5.6#  |

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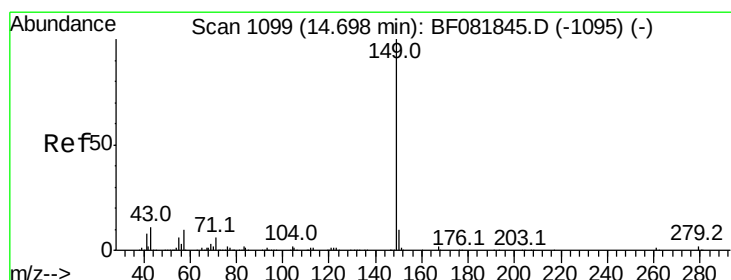
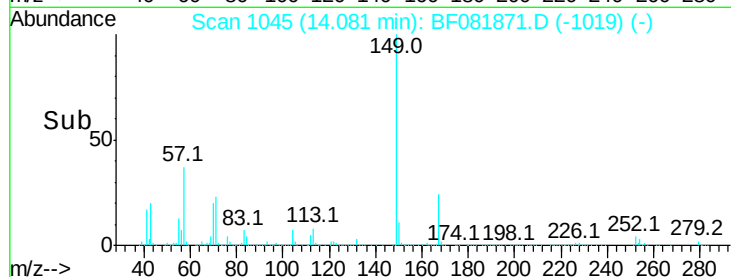
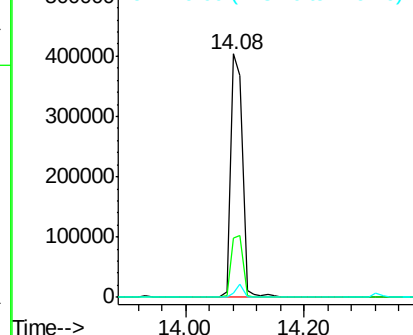
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.98 ng

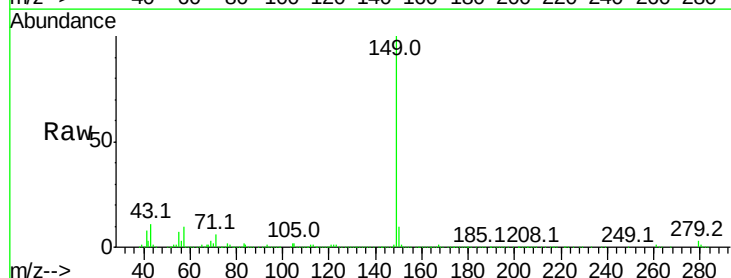
RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081871.D

Acq: 29 Sep 2015 7:34

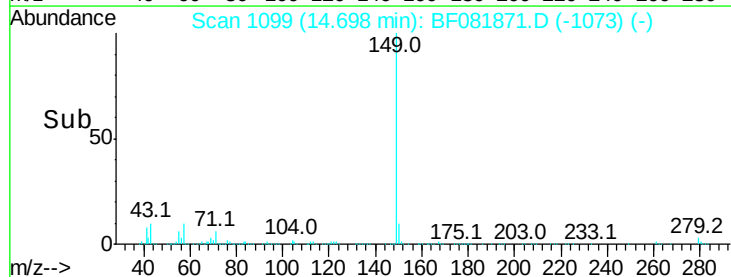
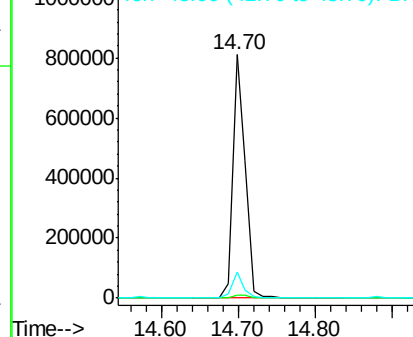
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 929853 |       |       |
| 167     | 1.5   |        | 1.0   | 1.6   |
| 43      | 8.9   |        | 10.2  | 15.2# |

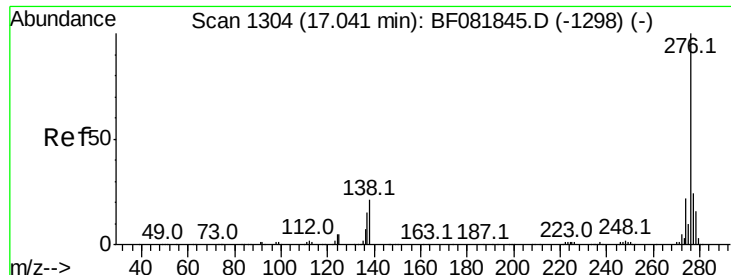


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 55.03 ng  
 RT: 17.05 min Scan# 1305  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

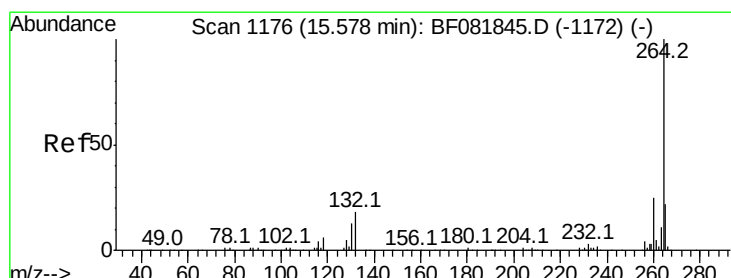
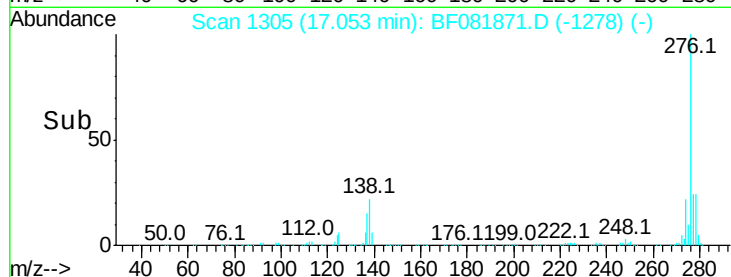
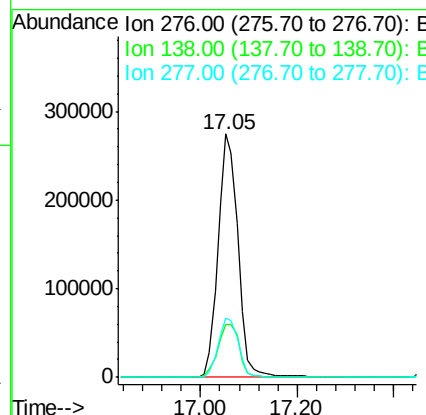
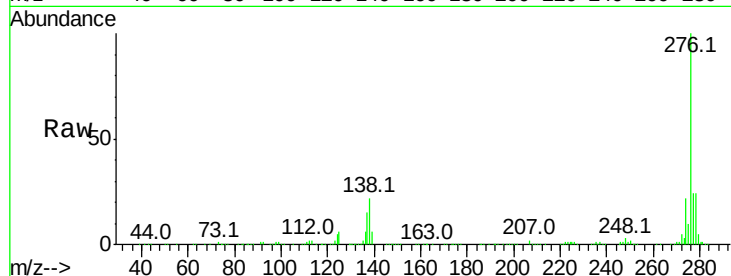
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 276     | 100   |      |       |       |
| 138     | 23.7  | 25.7 | 38.5# |       |
| 277     | 25.1  | 15.6 | 23.4# |       |

Manual Integrations  
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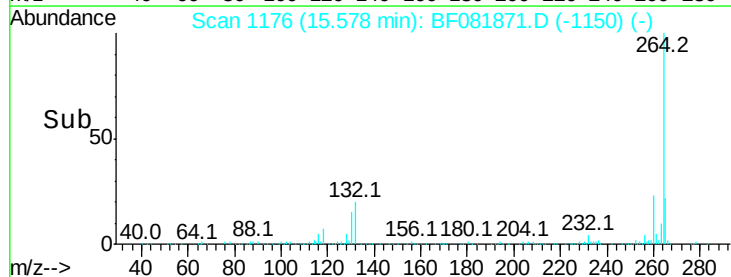
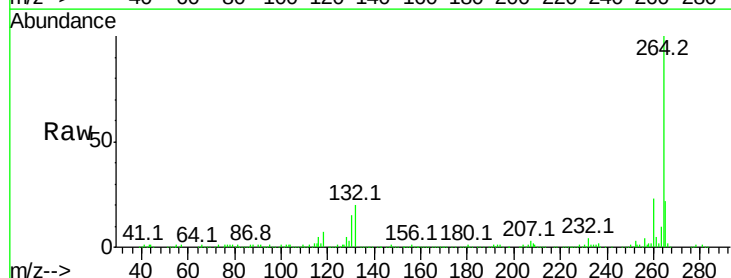
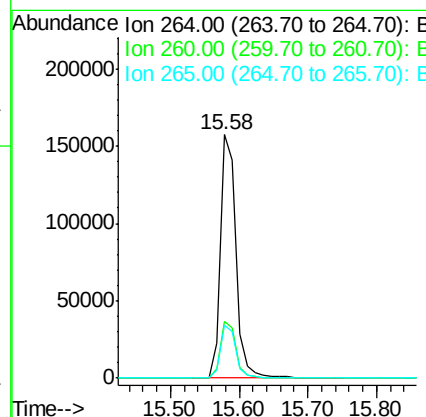
MMDadoda

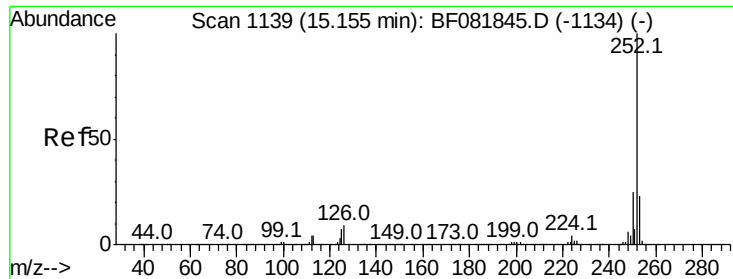
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.58 min Scan# 1176  
 Delta R.T. 0.00 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 264     | 100   |      |       |       |
| 260     | 23.2  | 16.7 | 25.1  |       |
| 265     | 21.7  | 17.2 | 25.8  |       |





#87  
Benzo(b)fluoranthene  
Concen: 50.62 ng  
RT: 15.16 min Scan# 1139  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

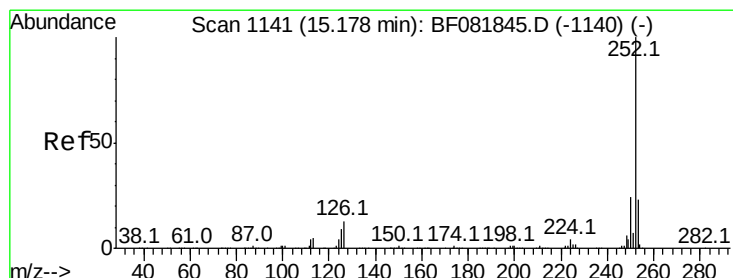
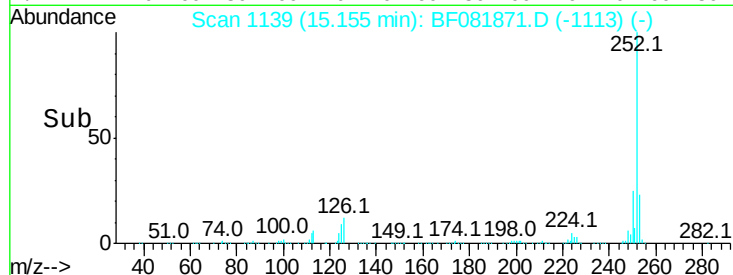
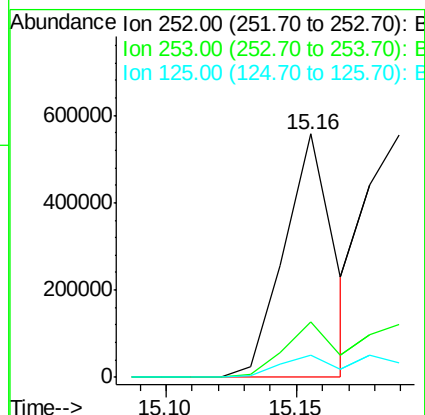
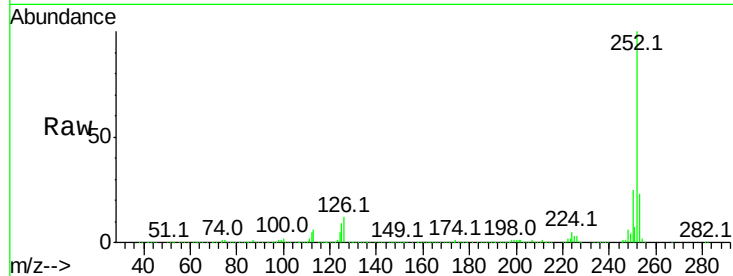
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.5  | 26.3  |
| 125     | 9.2   | 17.1  | 25.7# |

Manual Integrations  
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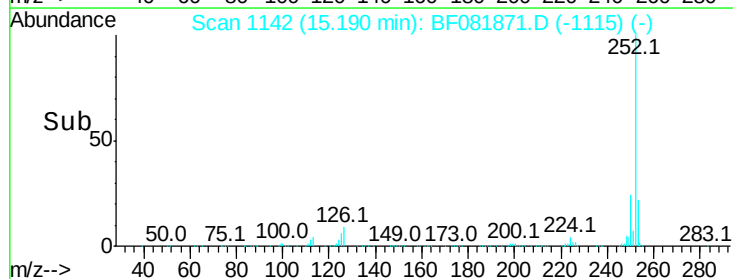
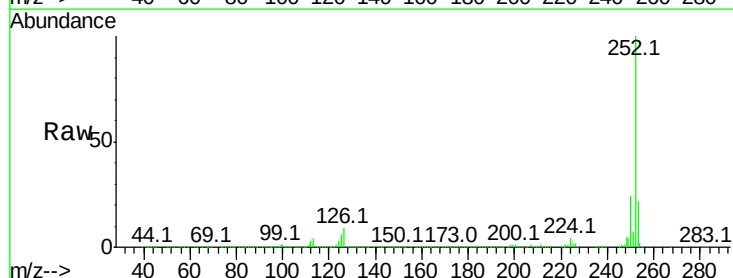
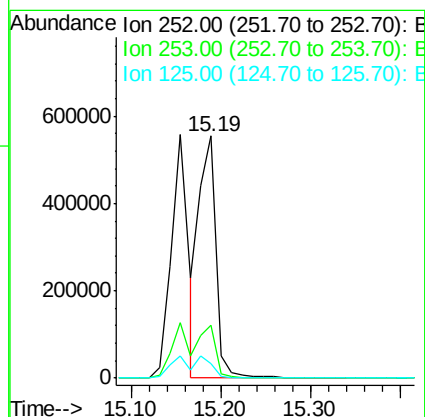
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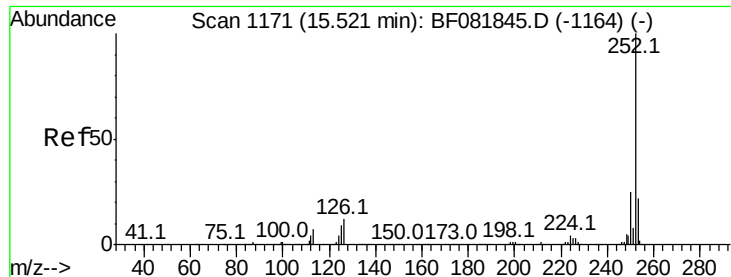
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#88  
Benzo(k)fluoranthene  
Concen: 56.29 ng m  
RT: 15.19 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.0  | 25.4  |
| 125     | 6.0   | 16.0  | 24.0# |





#89  
Benzo(a)pyrene  
Concen: 54.39 ng  
RT: 15.52 min Scan# 1171  
Delta R.T. 0.00 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

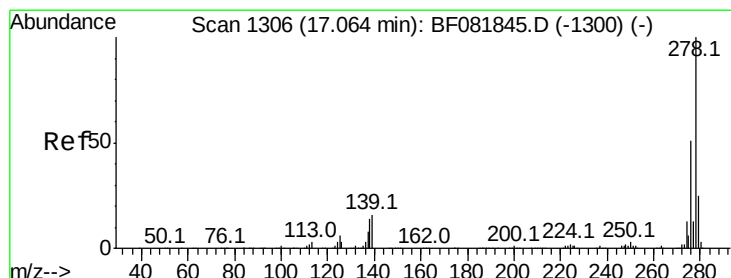
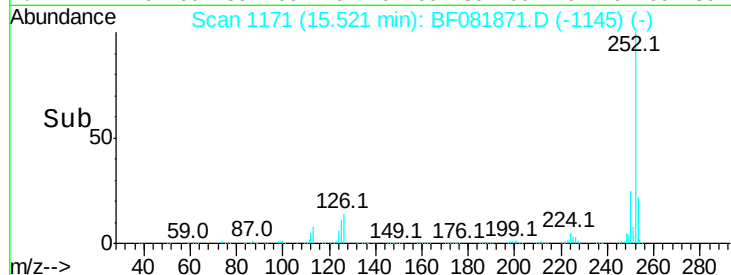
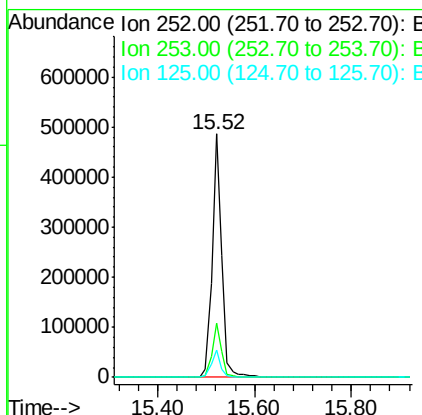
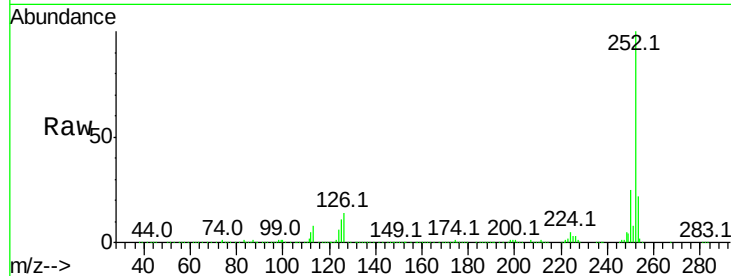
Instrument :  
BNA\_F  
ClientSampleId :  
PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.2  | 25.8  |
| 125     | 11.0  | 18.0  | 27.0  |

Manual Integrations  
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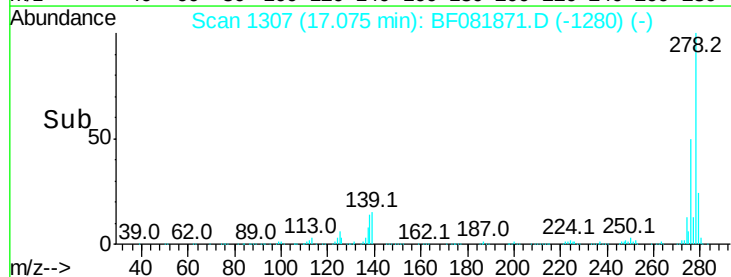
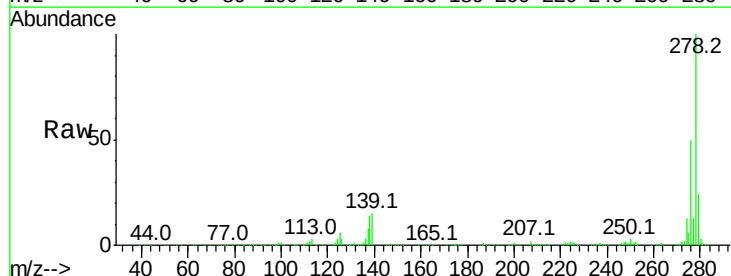
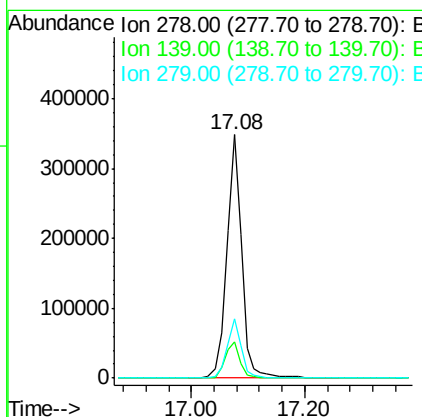
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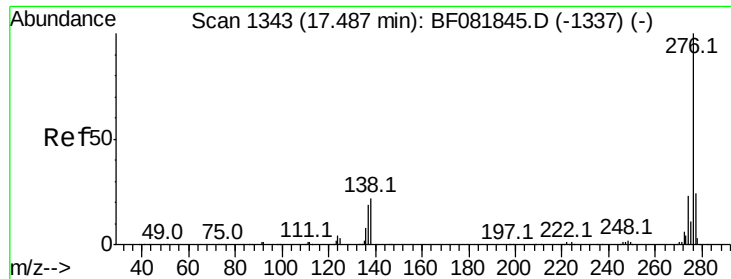


#90  
Dibenzo(a,h)anthracene  
Concen: 61.09 ng  
RT: 17.08 min Scan# 1307  
Delta R.T. 0.01 min  
Lab File: BF081871.D  
Acq: 29 Sep 2015 7:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.1  | 26.3  | 39.5  |
| 279     | 24.1  | 18.2  | 27.4  |







#91  
 Benzo(a,h,i)perylene  
 Concen: 63.41 ng  
 RT: 17.50 min Scan# 1344  
 Delta R.T. 0.01 min  
 Lab File: BF081871.D  
 Acq: 29 Sep 2015 7:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PZ-1-9-17-15MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 17.8  | 26.6  |
| 138     | 21.8  | 34.6  | 51.8# |

Manual Integrations  
 APPROVED

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