

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\  
 Data File : BF096008.D  
 Acq On : 19 Jun 2017 16:12  
 Operator : SJ/MA  
 Sample : I3715-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

Manual Integrations  
 APPROVED

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 6/20/2017 4:28:51 PM

Quant Time: Jun 20 01:43:04 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 17:12:03 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.30  | 152  | 68928    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 9.33  | 136  | 287692   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 12.16 | 164  | 124871   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 14.55 | 188  | 213993   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 18.27 | 240  | 131017   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 19.94 | 264  | 130779   | 20.00 | ng    | -0.02    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.20  | 112 | 664613 | 153.64 | ng | -0.01 |
| 7) Phenol-d6                | 6.89  | 99  | 771417 | 148.96 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.23  | 82  | 462931 | 99.93  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 13.46 | 330 | 149973 | 135.74 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 11.12 | 172 | 890193 | 99.20  | ng | -0.02 |
| 78) Terphenyl-d14           | 16.93 | 244 | 625678 | 118.52 | ng | -0.02 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 1.69  | 88  | 79027  | 38.40 | ng | # 93   |
| 3) Pyridine                    | 2.23  | 79  | 204072 | 42.19 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 2.20  | 42  | 84299  | 45.85 | ng | 82     |
| 6) Aniline                     | 6.81  | 93  | 151600 | 22.38 | ng | 95     |
| 8) 2-Chlorophenol              | 6.99  | 128 | 238024 | 51.75 | ng | 95     |
| 9) Benzaldehyde                | 6.62  | 77  | 67087  | 19.21 | ng | 97     |
| 10) Phenol                     | 6.90  | 94  | 297245 | 55.33 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.95  | 93  | 206861 | 48.61 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.20  | 146 | 246855 | 47.42 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.33  | 146 | 255110 | 48.32 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.56  | 146 | 237460 | 48.79 | ng | 97     |
| 15) Benzyl Alcohol             | 7.62  | 79  | 187702 | 52.81 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.80  | 45  | 302559 | 50.60 | ng | 96     |
| 17) 2-Methylphenol             | 7.85  | 107 | 196312 | 50.86 | ng | 96     |
| 18) Hexachloroethane           | 8.07  | 117 | 85741  | 49.17 | ng | # 82   |
| 19) n-Nitroso-di-n-propylamine | 8.05  | 70  | 166286 | 50.67 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.13  | 107 | 252125 | 51.46 | ng | # 61   |
| 22) Acetophenone               | 8.00  | 105 | 329462 | 48.93 | ng | # 83   |
| 24) Nitrobenzene               | 8.26  | 77  | 235292 | 47.55 | ng | 94     |
| 25) Isophorone                 | 8.66  | 82  | 417773 | 48.30 | ng | 96     |
| 26) 2-Nitrophenol              | 8.77  | 139 | 129553 | 50.00 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 8.93  | 122 | 192598 | 47.89 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 9.04  | 93  | 275970 | 48.40 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.20  | 162 | 193003 | 49.83 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 9.27  | 180 | 193099 | 47.92 | ng | 99     |
| 31) Naphthalene                | 9.37  | 128 | 677098 | 46.90 | ng | 99     |
| 32) Benzoic acid               | 9.25  | 122 | 16422  | 10.95 | ng | 97     |
| 33) 4-Chloroaniline            | 9.55  | 127 | 67705m | 12.00 | ng |        |
| 34) Hexachlorobutadiene        | 9.59  | 225 | 98838  | 47.47 | ng | 98     |
| 35) Caprolactam                | 10.16 | 113 | 57566m | 49.95 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.42 | 107 | 199545 | 49.22 | ng | 90     |
| 37) 2-Methylnaphthalene        | 10.50 | 142 | 454892 | 46.63 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.78 | 216 | 177781 | 47.57 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 10.75 | 237 | 54212  | 51.02 | ng | 97     |

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 17:12:03 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.02 | 196  | 119500   | 49.73 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 11.11 | 196  | 112931   | 44.19 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 11.27 | 154  | 502101   | 48.79 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 11.28 | 162  | 389408   | 48.43 | nq    | 96       |
| 47) 2-Nitroaniline             | 11.51 | 65   | 111943   | 47.57 | nq    | # 83     |
| 48) Acenaphthylene             | 11.93 | 152  | 590392   | 42.94 | nq    | 99       |
| 49) Dimethylphthalate          | 11.83 | 163  | 579937   | 61.17 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 11.93 | 165  | 94030    | 45.47 | nq    | # 71     |
| 51) Acenaphthene               | 12.21 | 154  | 353988   | 44.57 | nq    | 98       |
| 52) 3-Nitroaniline             | 12.19 | 138  | 59684    | 24.77 | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 12.43 | 184  | 52516m   | 47.69 | nq    |          |
| 54) Dibenzofuran               | 12.50 | 168  | 538743   | 48.20 | nq    | 97       |
| 55) 4-Nitrophenol              | 12.62 | 139  | 105314   | 75.16 | nq    | # 73     |
| 56) 2,4-Dinitrotoluene         | 12.60 | 165  | 135515   | 48.52 | nq    | 94       |
| 57) Fluorene                   | 13.05 | 166  | 433448   | 44.56 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.76 | 232  | 88684    | 50.71 | nq    | # 92     |
| 59) Diethylphthalate           | 12.97 | 149  | 443001   | 48.55 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 13.08 | 204  | 197552   | 46.70 | nq    | 89       |
| 61) 4-Nitroaniline             | 13.20 | 138  | 93014    | 41.35 | nq    | 96       |
| 62) Azobenzene                 | 13.34 | 77   | 402882   | 48.72 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 13.27 | 198  | 48484    | 34.47 | nq    | # 82     |
| 65) n-Nitrosodiphenylamine     | 13.30 | 169  | 369519   | 48.06 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 13.86 | 248  | 108111   | 48.61 | nq    | 96       |
| 67) Hexachlorobenzene          | 13.94 | 284  | 104492   | 47.68 | nq    | # 88     |
| 68) Atrazine                   | 14.22 | 200  | 111083   | 51.91 | nq    | 95       |
| 69) Pentachlorophenol          | 14.32 | 266  | 58510    | 71.20 | nq    | 99       |
| 70) Phenanthrene               | 14.59 | 178  | 576712   | 46.71 | nq    | 98       |
| 71) Anthracene                 | 14.67 | 178  | 593935   | 46.08 | nq    | 98       |
| 72) Carbazole                  | 14.97 | 167  | 540443   | 43.02 | nq    | 97       |
| 73) Di-n-butylphthalate        | 15.57 | 149  | 678810   | 50.79 | nq    | 98       |
| 74) Fluoranthene               | 16.37 | 202  | 528065   | 43.21 | nq    | 99       |
| 76) Benzidine                  | 16.61 | 184  | 118949   | 23.64 | nq    | # 93     |
| 77) Pyrene                     | 16.67 | 202  | 521434   | 53.34 | nq    | 98       |
| 79) Butylbenzylphthalate       | 17.60 | 149  | 243505   | 57.03 | nq    | # 86     |
| 80) Benzo(a)anthracene         | 18.26 | 228  | 363019   | 47.66 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 18.25 | 252  | 93324    | 34.46 | nq    | # 97     |
| 82) Chrysene                   | 18.31 | 228  | 361562   | 47.50 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 18.35 | 149  | 333714   | 55.41 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 19.12 | 149  | 504340   | 50.82 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.10 | 276  | 371830   | 57.09 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 19.54 | 252  | 368775   | 45.03 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 19.57 | 252  | 331512   | 42.35 | nq    | 96       |
| 89) Benzo(a)pyrene             | 19.89 | 252  | 348923   | 46.36 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.10 | 278  | 311811   | 48.84 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 21.42 | 276  | 314267   | 48.28 | nq    | 99       |

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

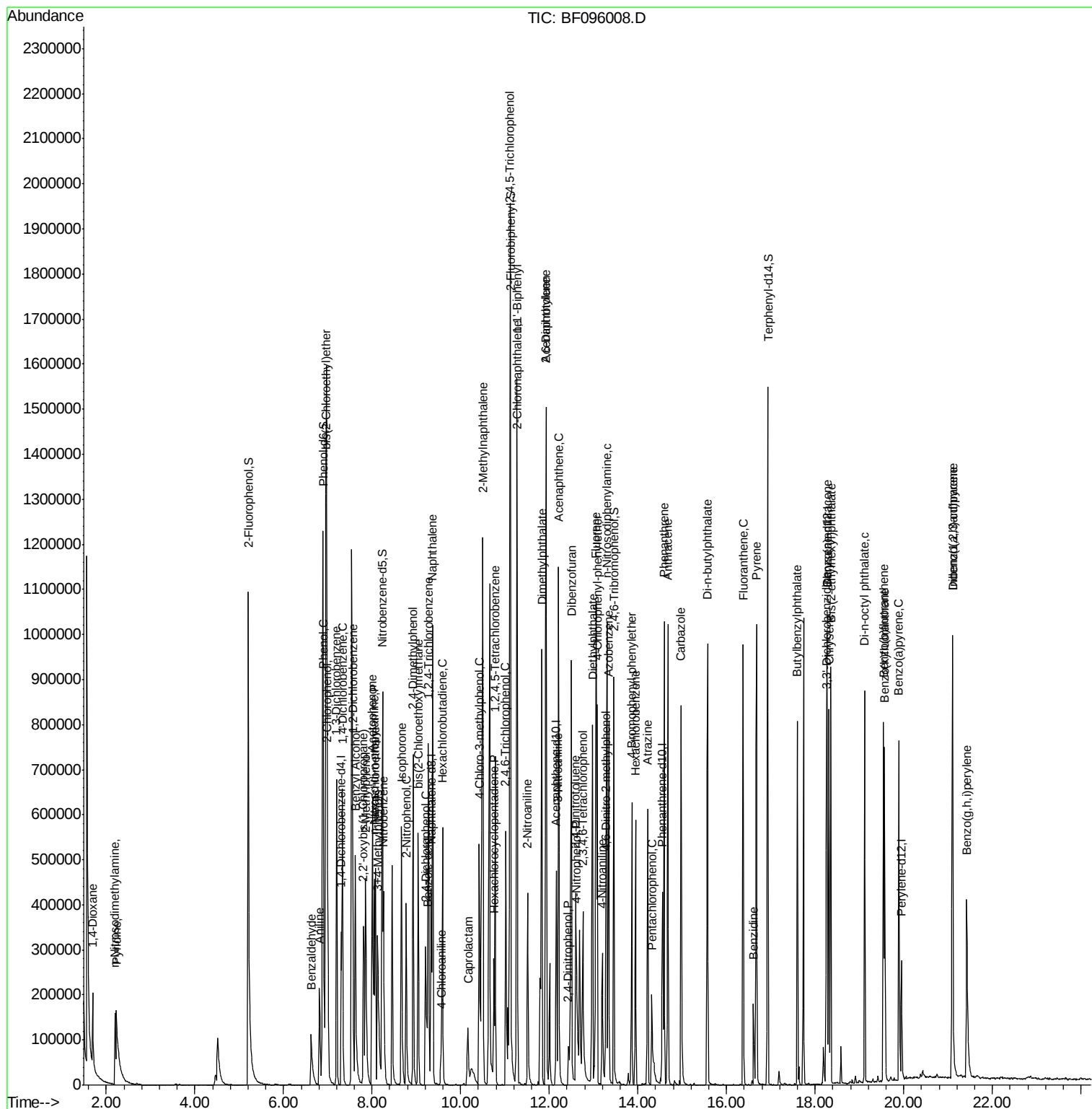
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\  
Data File : BF096008.D  
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Operator : SJ/MA  
Sample : I3715-01MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

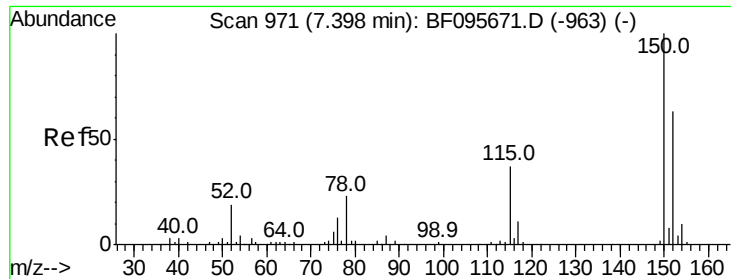
Instrument :  
BNA\_F  
ClientSampleID :  
WC061417-1MS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#1

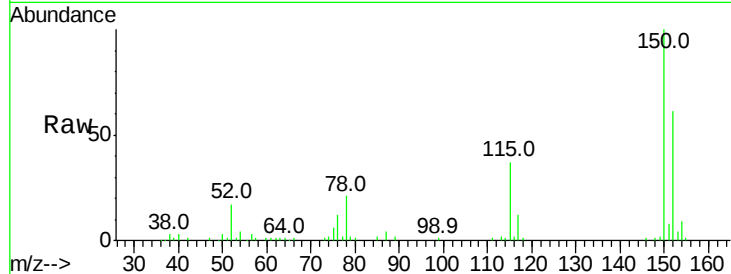
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.30 min Scan# 989  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
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WC061417-1MS

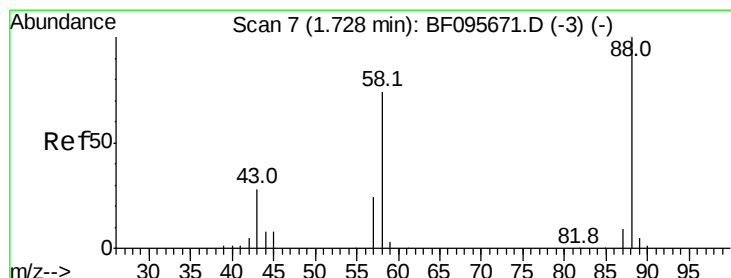
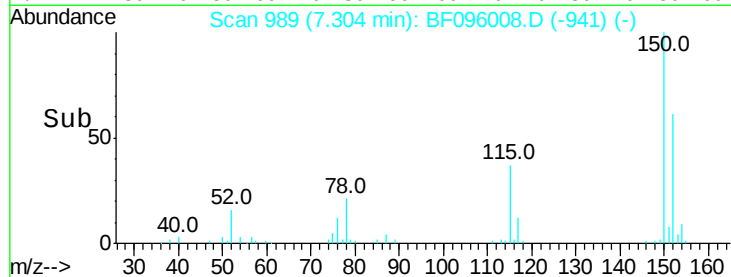
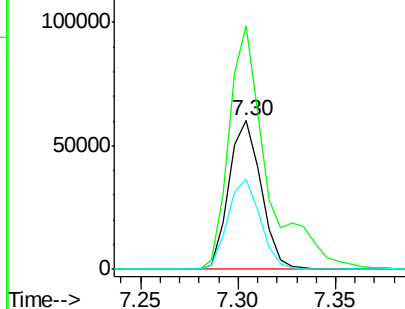
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 163.8 | 126.2 | 189.2 |
| 115     | 60.9  | 52.2  | 78.2  |

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

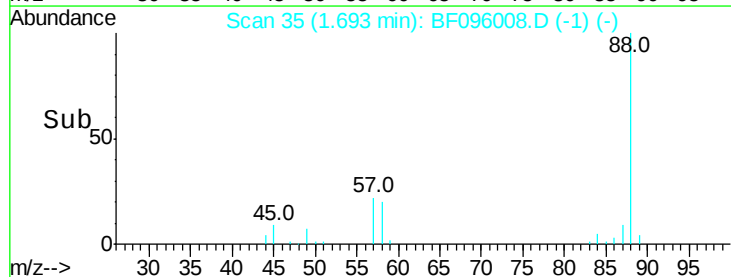
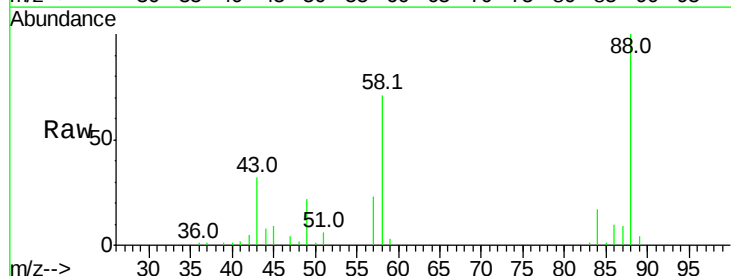
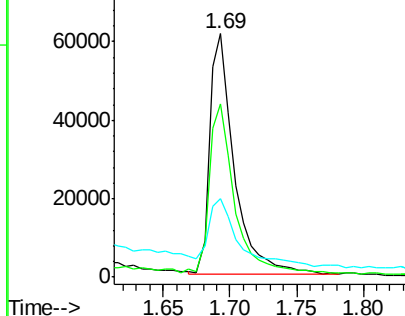


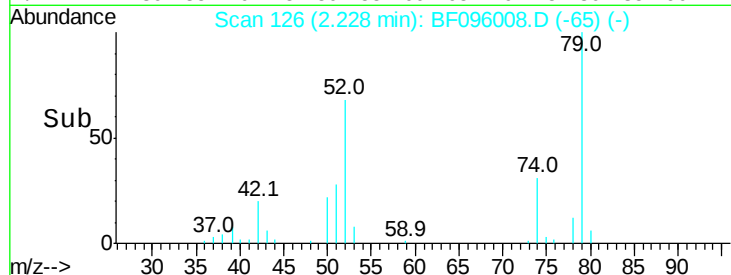
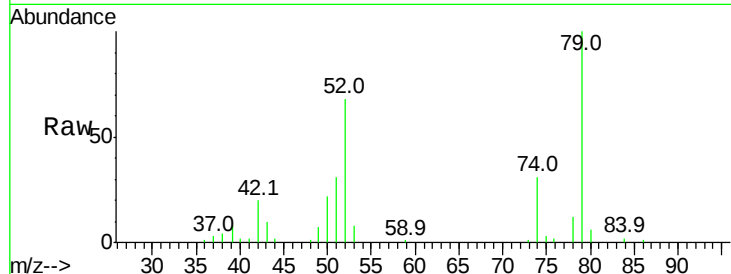
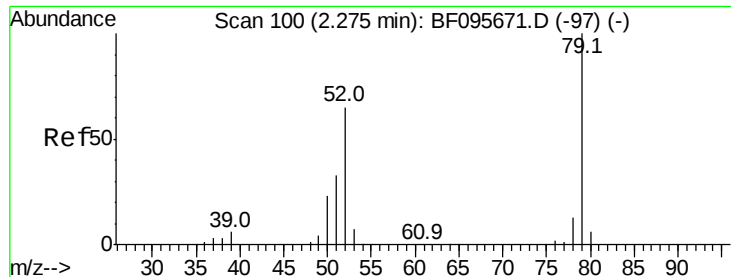
#2

1,4-Dioxane  
Concen: 38.40 ng  
RT: 1.69 min Scan# 35  
Delta R.T. 0.06 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.9  | 61.4  | 92.0  |
| 43      | 35.6  | 23.4  | 35.0# |

Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





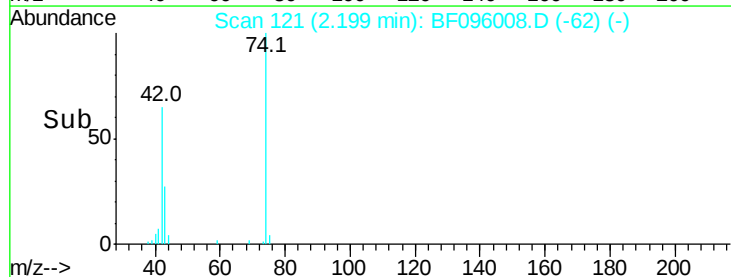
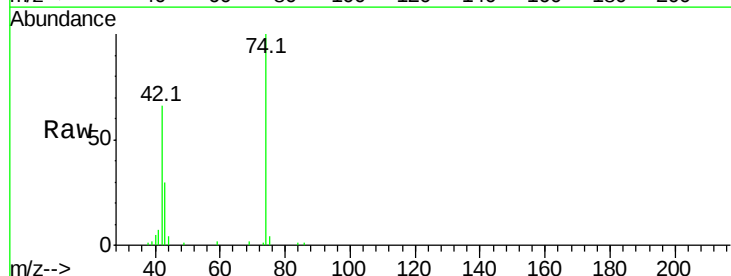
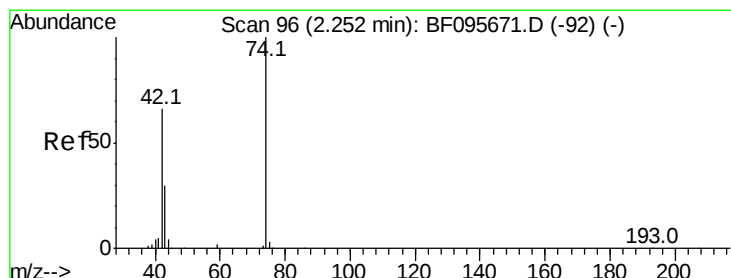
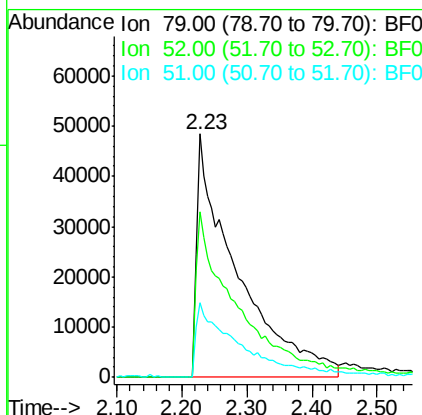
#3  
Pvridine  
Concen: 42.19 ng  
RT: 2.23 min Scan# 126  
Delta R.T. 0.06 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Tot Ion: 79 Resp: 204072  
Ion Ratio Lower Upper  
79 100  
52 67.8 54.8 82.2  
51 30.7 27.0 40.4

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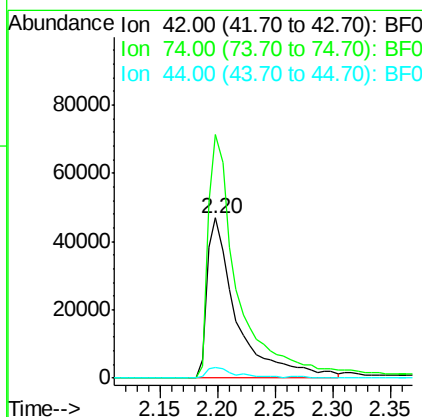
Manual Integrations  
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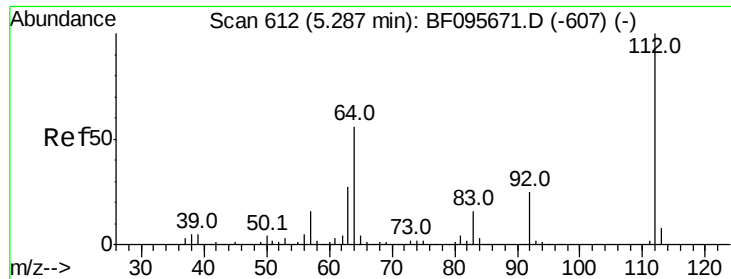
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6/20/2017 4:28:51 PM



#4  
n-Nitrosodimethylamine  
Concen: 45.85 ng  
RT: 2.20 min Scan# 121  
Delta R.T. 0.05 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Tgt Ion: 42 Resp: 84299  
Ion Ratio Lower Upper  
42 100  
74 152.2 103.9 155.9  
44 6.8 5.7 8.5





#5

2-Fluorophenol

Concen: 153.64 ng

RT: 5.20 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

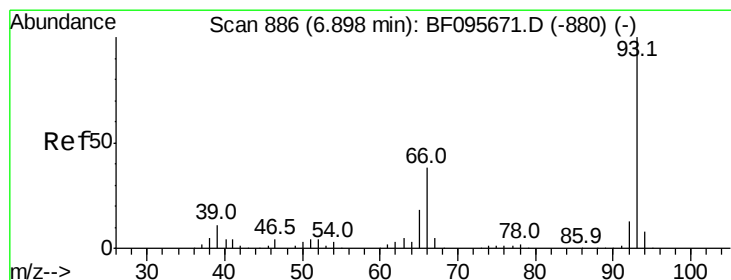
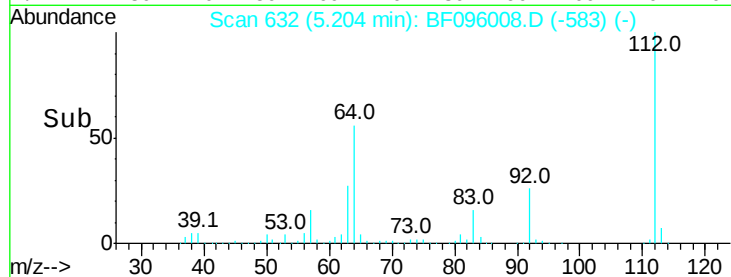
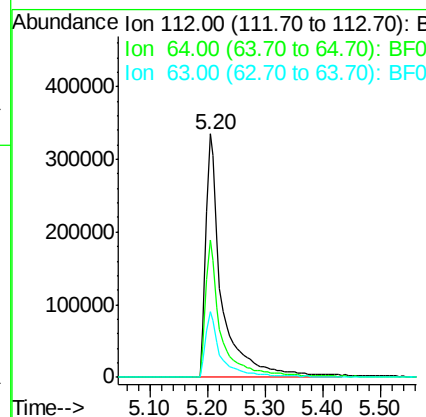
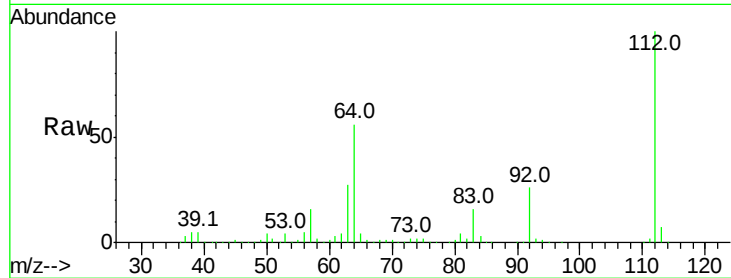
ClientSampleId :

WC061417-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 664613 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.3  | 46.0  | 69.0   |
| 63        | 27.1  | 23.4  | 35.0   |

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#6

Aniline

Concen: 22.38 ng

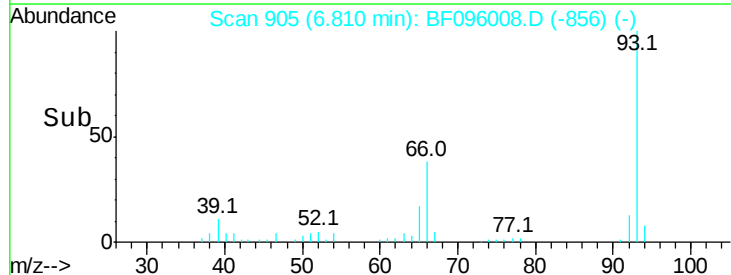
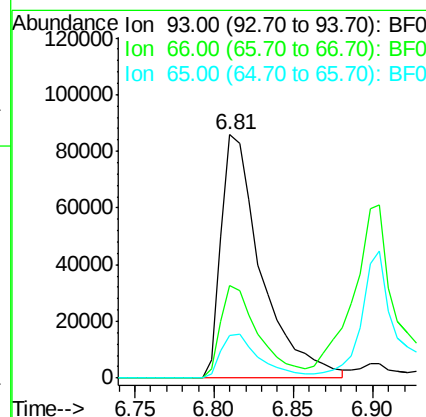
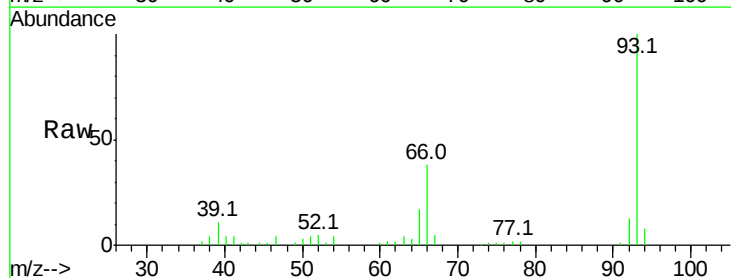
RT: 6.81 min Scan# 905

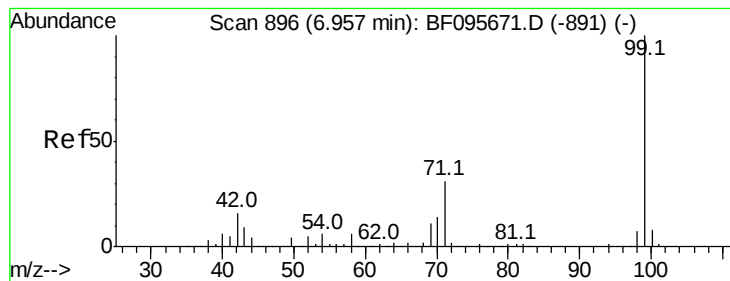
Delta R.T. -0.01 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 151600 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.1  | 32.9  | 49.3   |
| 65        | 17.5  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 148.96 ng

RT: 6.89 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

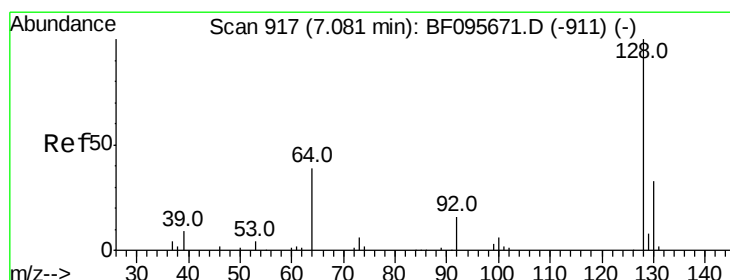
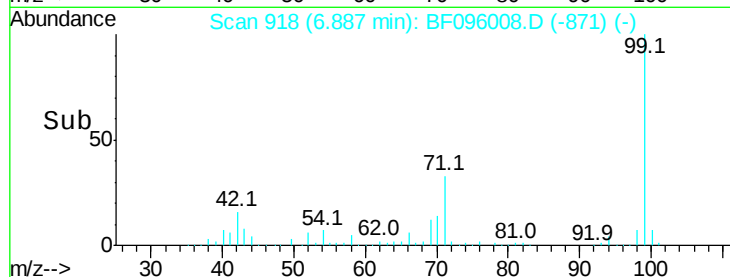
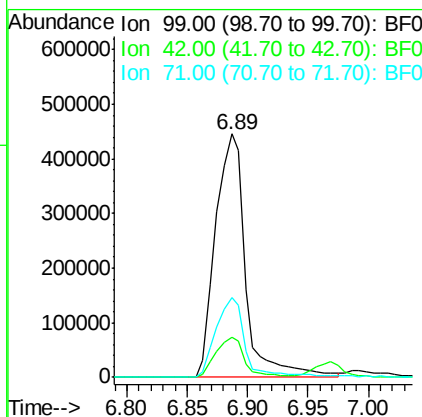
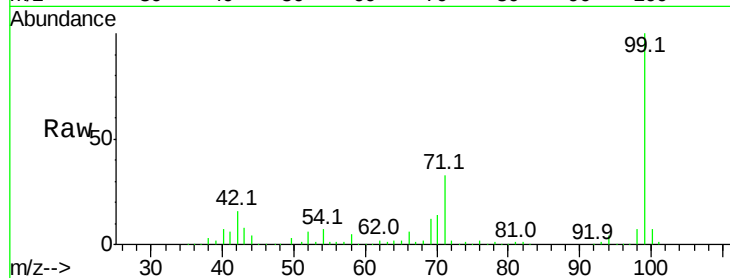
ClientSampleId :

WC061417-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 771417 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.3  | 13.5  | 20.3   |
| 71        | 32.6  | 24.5  | 36.7   |

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#8

2-Chlorophenol

Concen: 51.75 ng

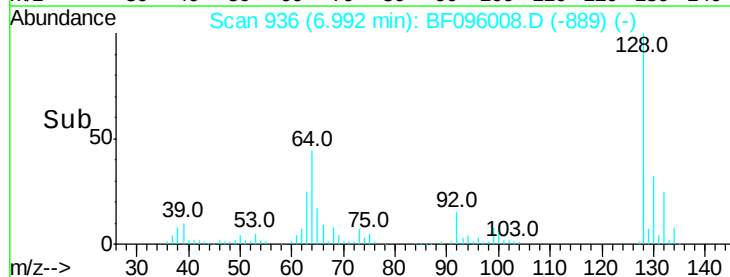
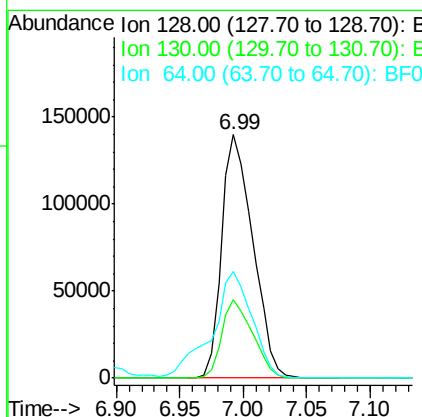
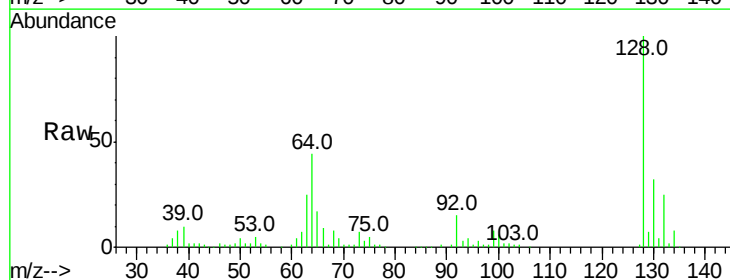
RT: 6.99 min Scan# 936

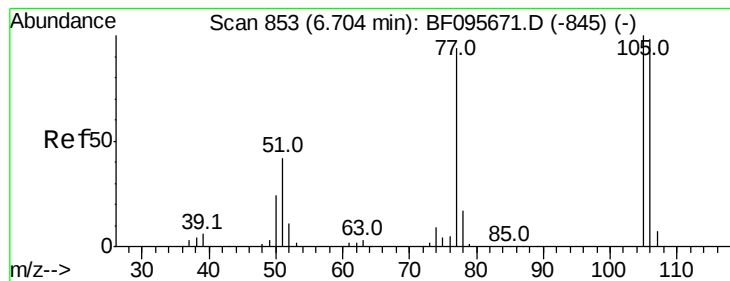
Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 238024 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.1  | 12.9  | 52.9   |
| 64        | 43.7  | 28.4  | 68.4   |





#9

Benzaldehyde

Concen: 19.21 ng

RT: 6.62 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

ClientSampleId :

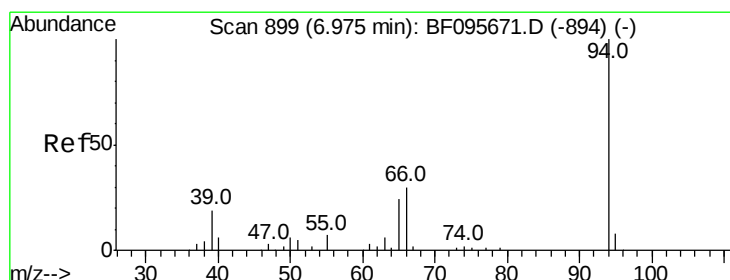
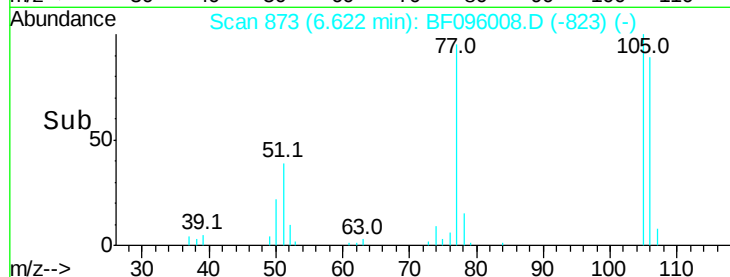
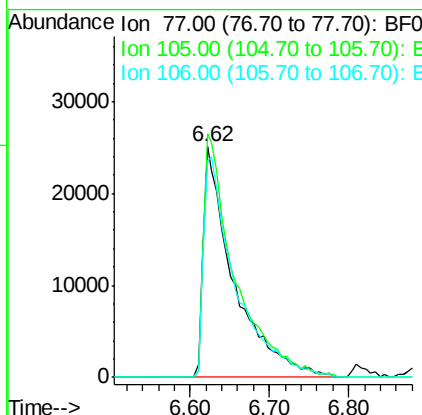
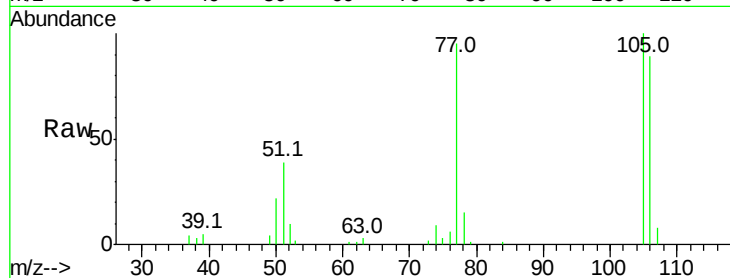
WC061417-1MS

Tot Ion: 77 Resp: 67087

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 105.5 | 83.8  | 123.8 |
| 106 | 94.0  | 79.1  | 119.1 |

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#10

Phenol

Concen: 55.33 ng

RT: 6.90 min Scan# 921

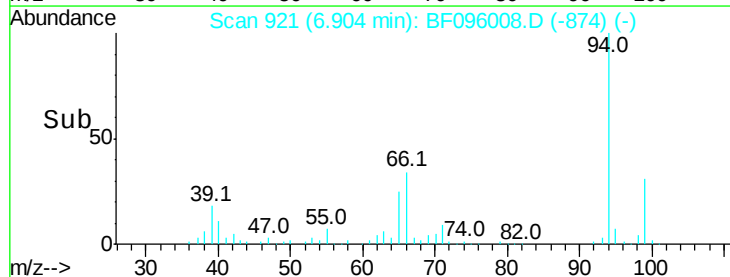
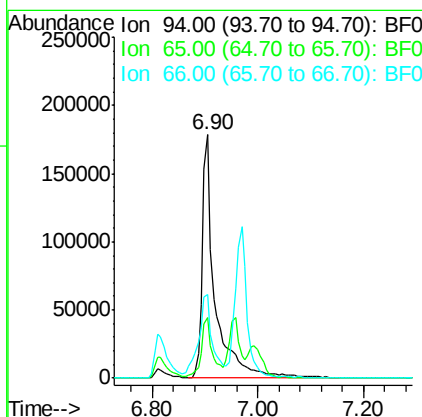
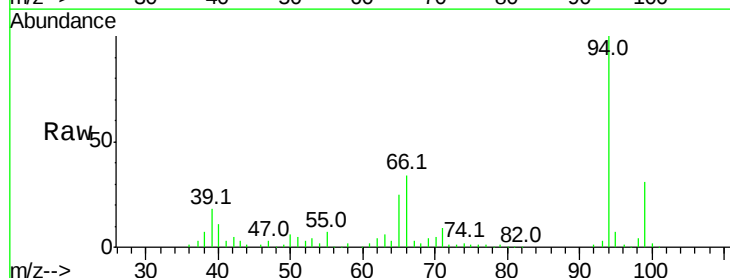
Delta R.T. -0.02 min

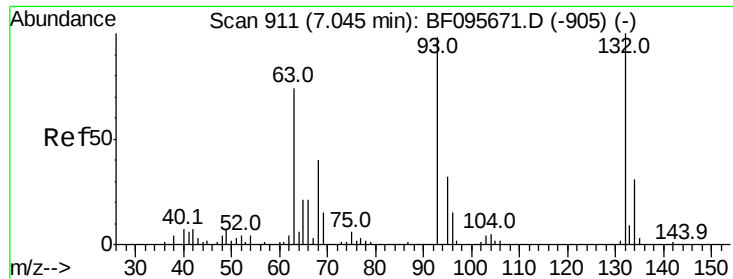
Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Tgt Ion: 94 Resp: 297245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.1  | 9.9   | 49.9  |
| 66  | 34.2  | 23.1  | 63.1  |





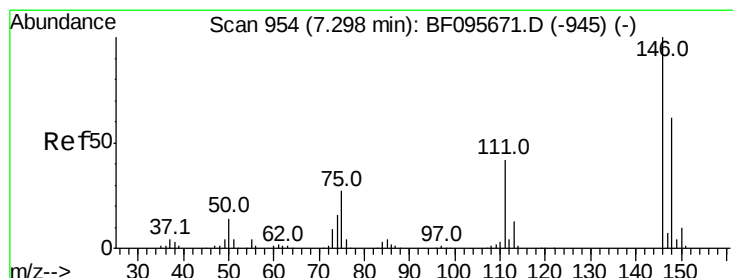
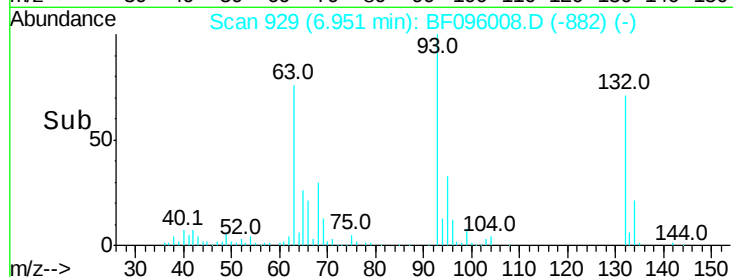
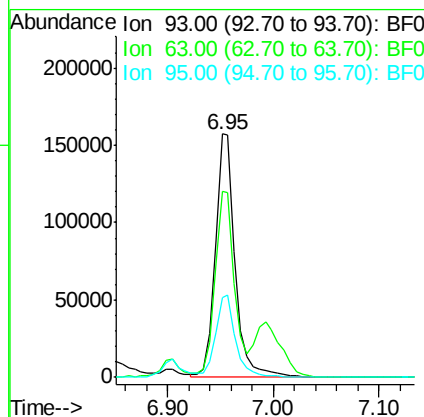
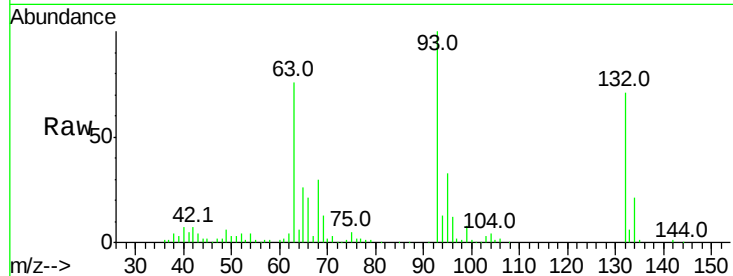
#11  
bis(2-Chloroethyl)ether  
Concen: 48.61 ng  
RT: 6.95 min Scan# 929  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 206861 |       |       |
| 63      | 76.3  | 59.2   | 99.2  |       |
| 95      | 32.9  | 12.8   | 52.8  |       |

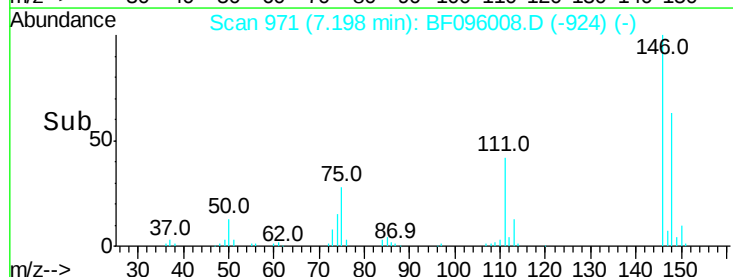
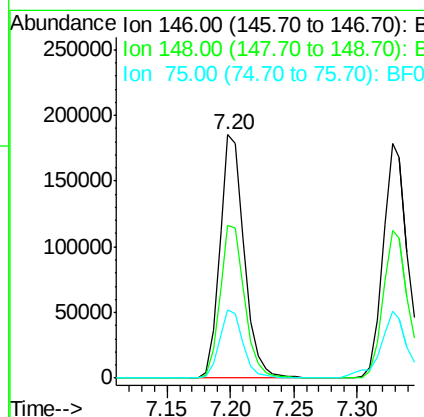
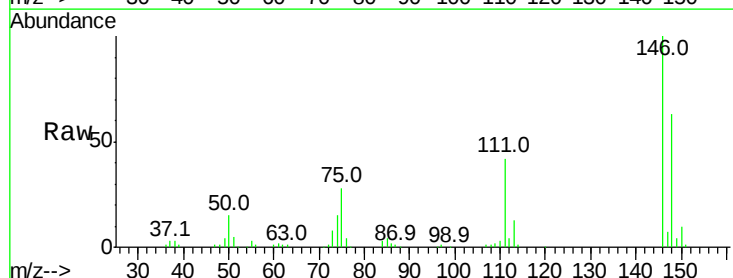
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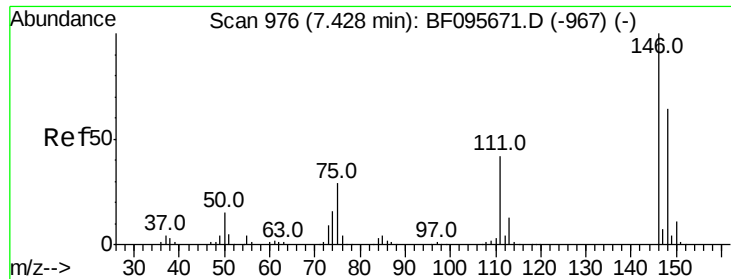
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 47.42 ng  
RT: 7.20 min Scan# 971  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 246855 |       |       |
| 148     | 62.9  | 51.8   | 77.6  |       |
| 75      | 28.1  | 23.1   | 34.7  |       |





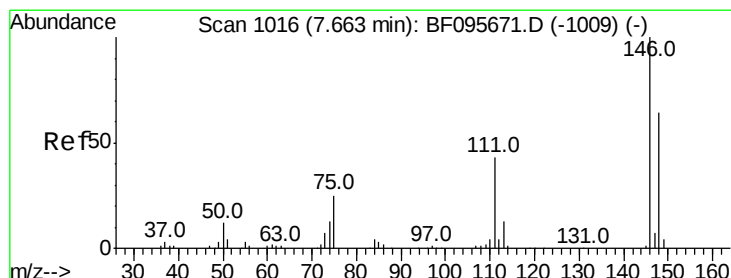
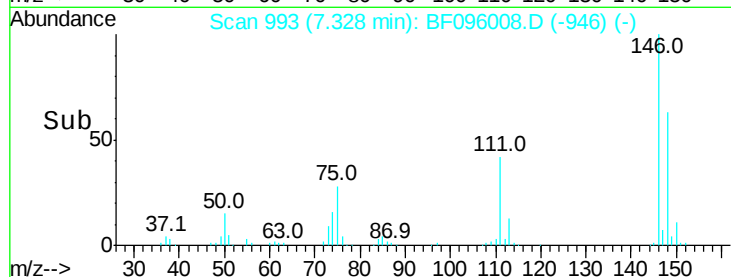
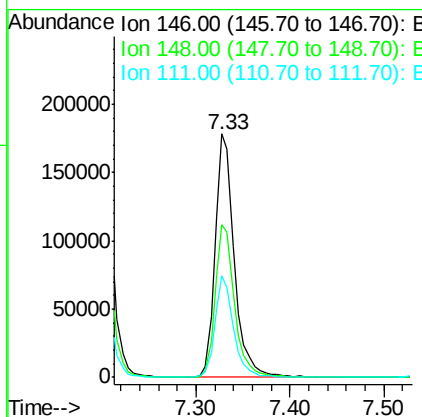
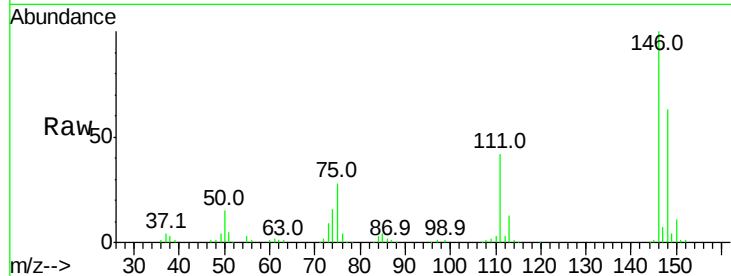
#13  
 1,4-Dichlorobenzene  
 Concen: 48.32 ng  
 RT: 7.33 min Scan# 993  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 52.2  | 78.2  |
| 111     | 41.8  | 30.3  | 45.5  |

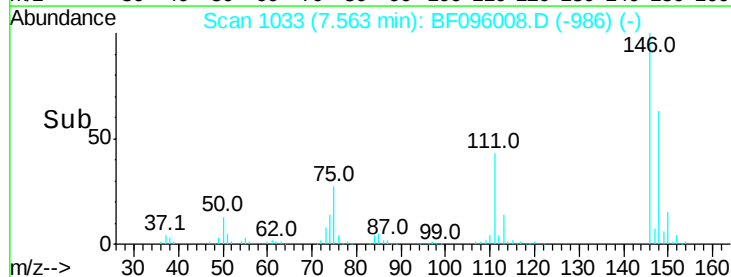
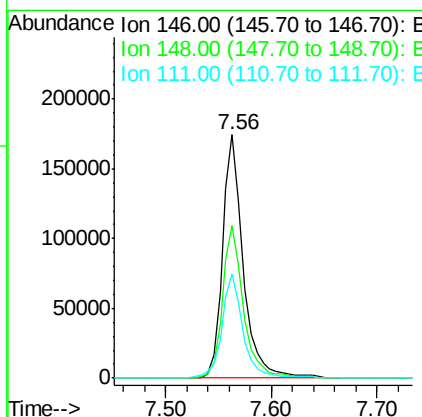
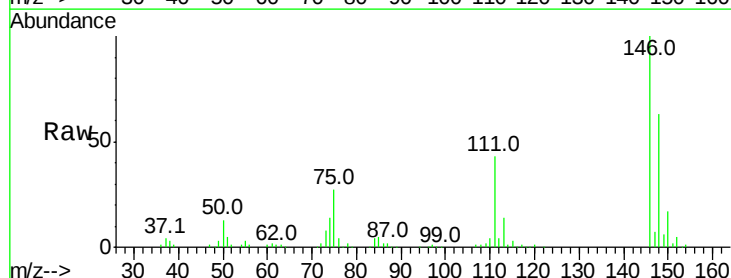
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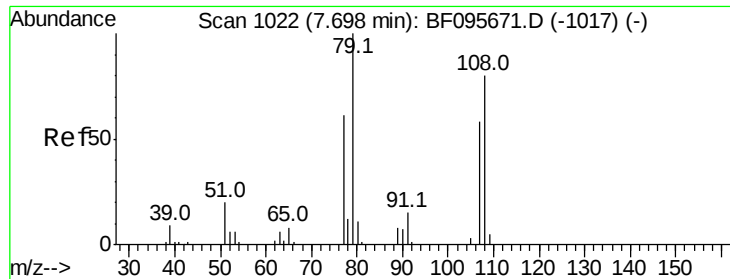
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 48.79 ng  
 RT: 7.56 min Scan# 1033  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 50.4  | 75.6  |
| 111     | 42.7  | 38.2  | 57.4  |





#15

Benzyl Alcohol

Concen: 52.81 ng

RT: 7.62 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

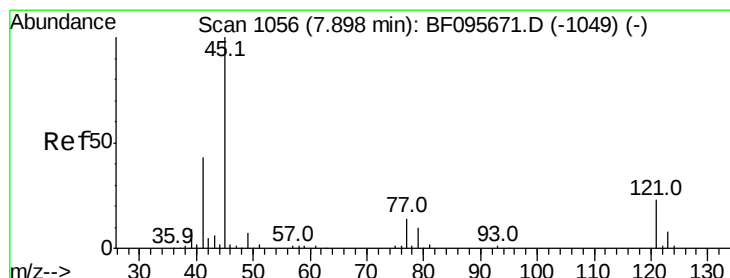
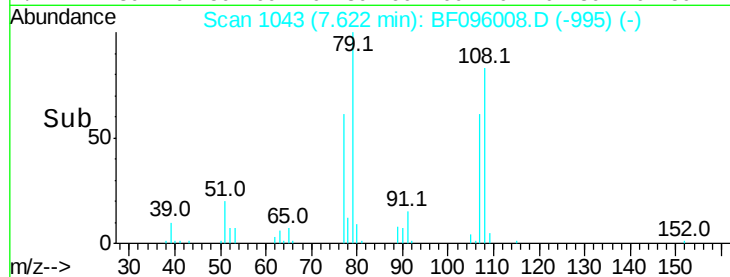
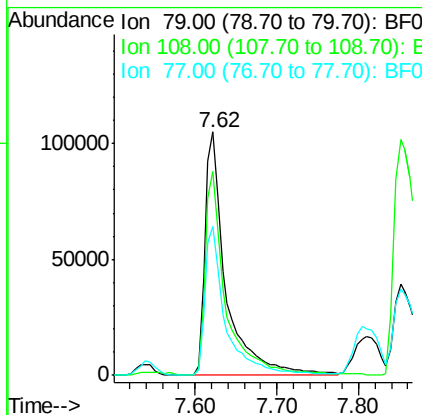
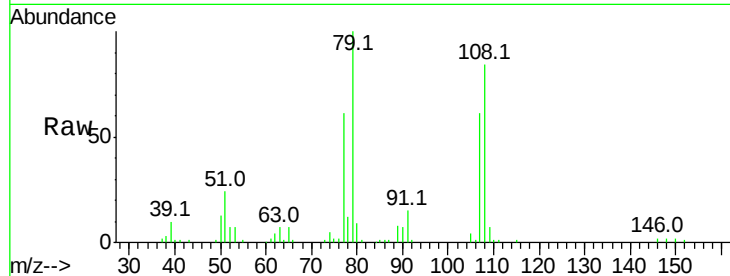
ClientSampleId :

WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 83.8  | 63.4  | 95.0  |
| 77      | 61.3  | 49.2  | 73.8  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.60 ng

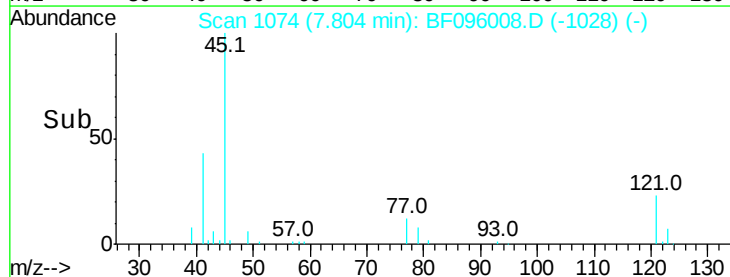
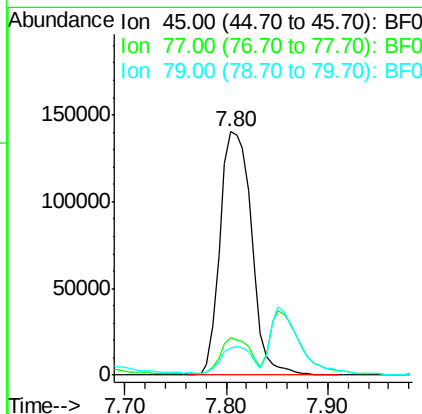
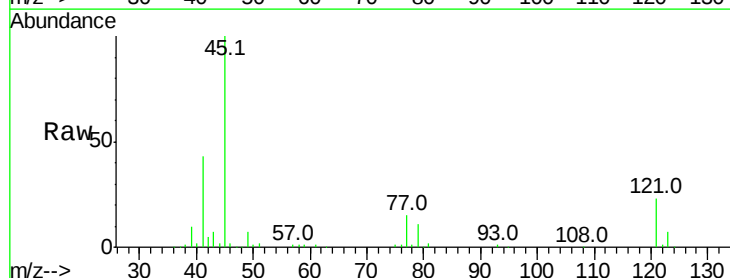
RT: 7.80 min Scan# 1074

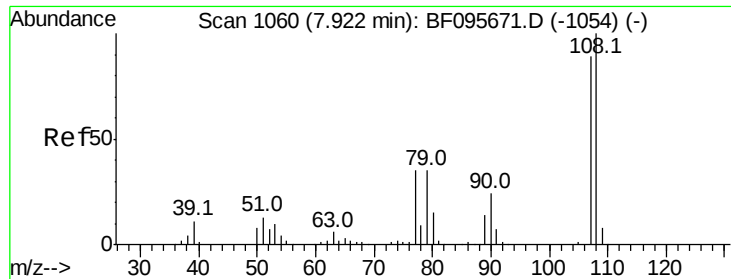
Delta R.T. -0.03 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.2  | 0.0   | 33.2  |
| 79      | 11.2  | 0.0   | 30.0  |





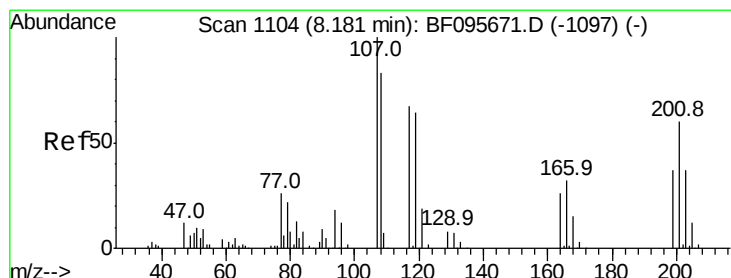
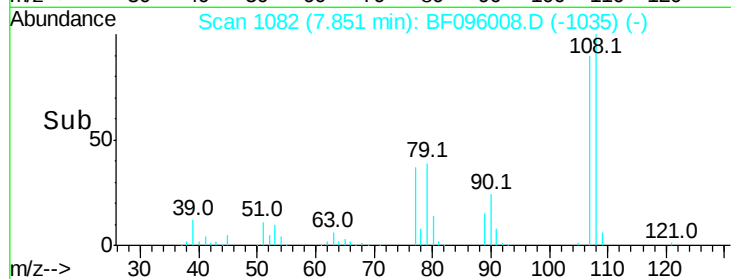
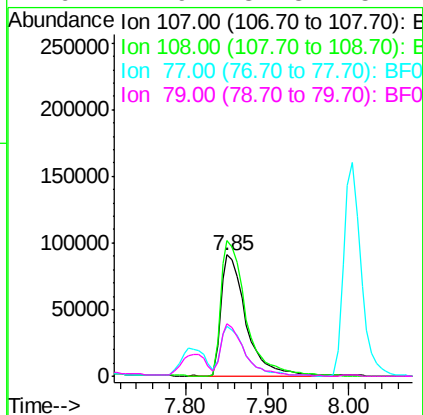
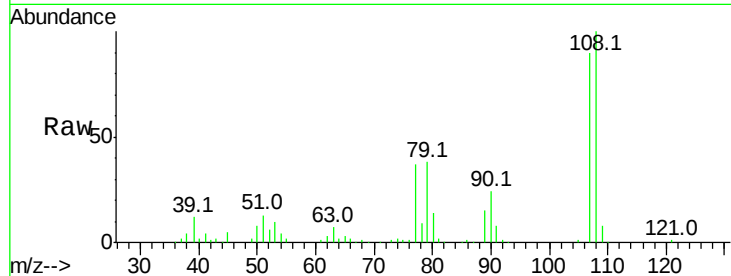
#17  
2-Methylphenol  
Concen: 50.86 ng  
RT: 7.85 min Scan# 1082  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 196312 |       |       |
| 108     | 111.4 | 93.4   | 140.0 |       |
| 77      | 41.0  | 35.8   | 53.6  |       |
| 79      | 42.9  | 34.8   | 52.2  |       |

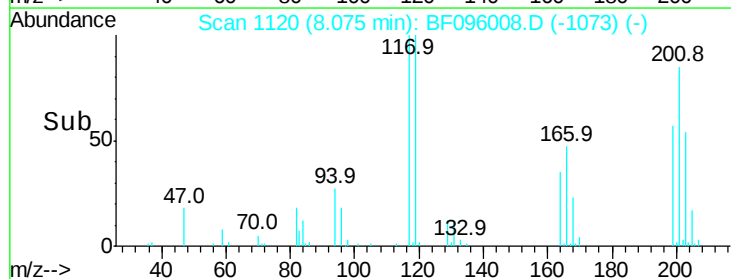
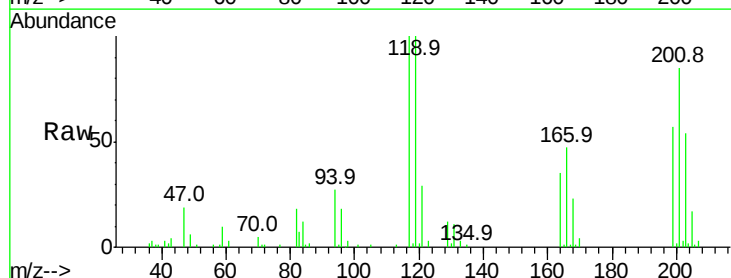
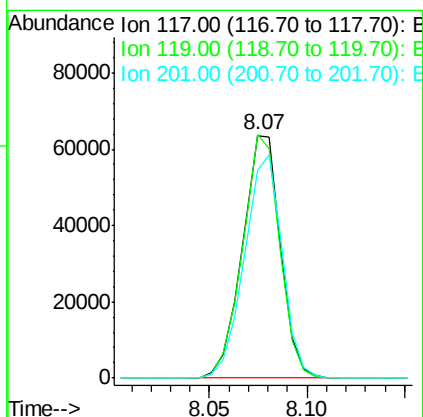
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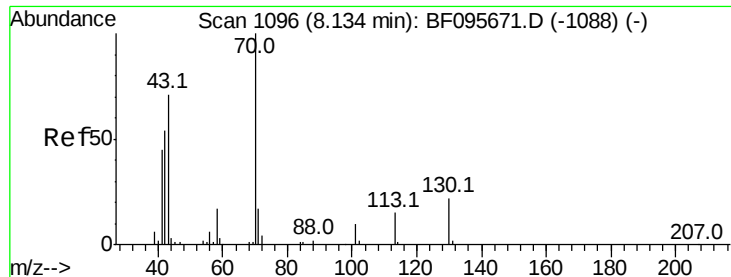
mohammad  
6/20/2017 4:28:51 PM



#18  
Hexachloroethane  
Concen: 49.17 ng  
RT: 8.07 min Scan# 1120  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 117     | 100   | 85741 |        |       |
| 119     | 100.4 | 77.4  | 116.0  |       |
| 201     | 85.8  | 94.6  | 141.8# |       |





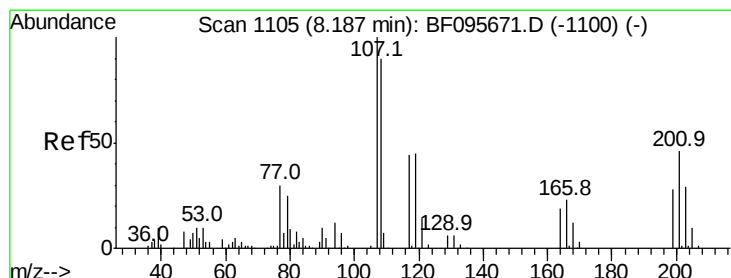
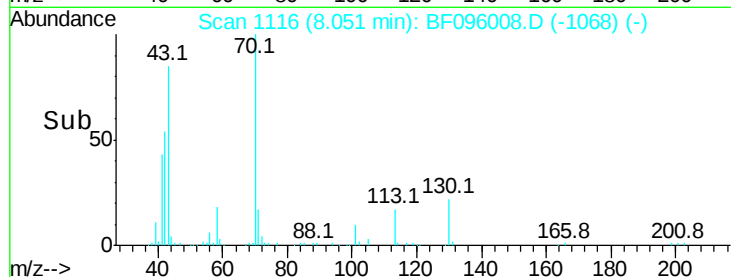
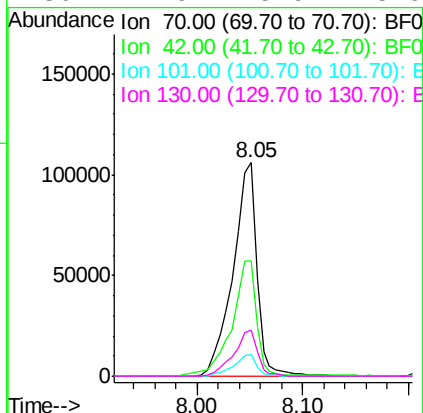
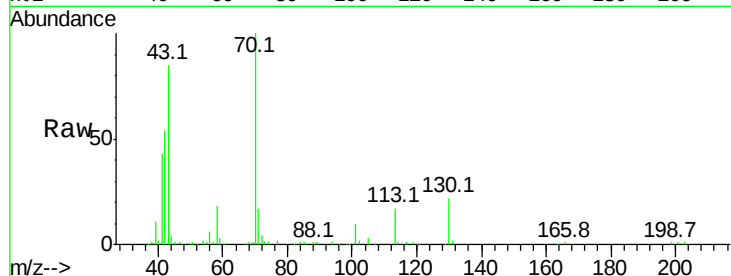
#19  
n-Nitroso-di-n-propylamine  
Concen: 50.67 ng  
RT: 8.05 min Scan# 1116  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.8  | 47.2  | 70.8  |
| 101     | 10.2  | 7.2   | 10.8  |
| 130     | 21.9  | 15.9  | 23.9  |

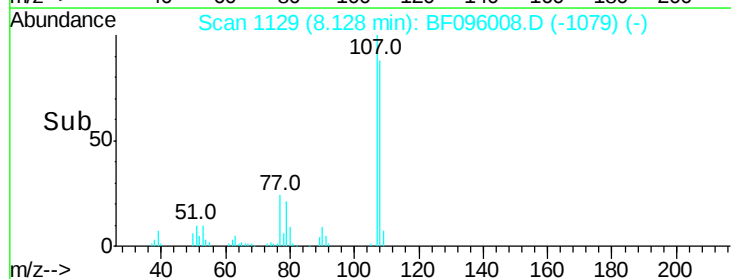
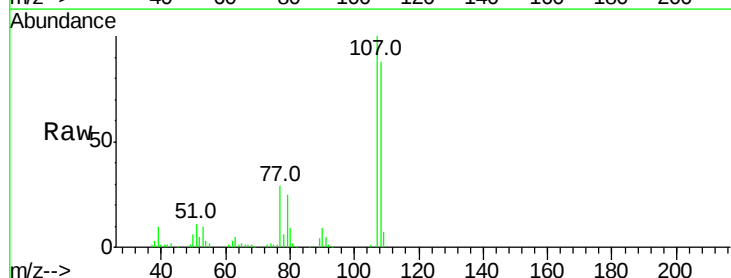
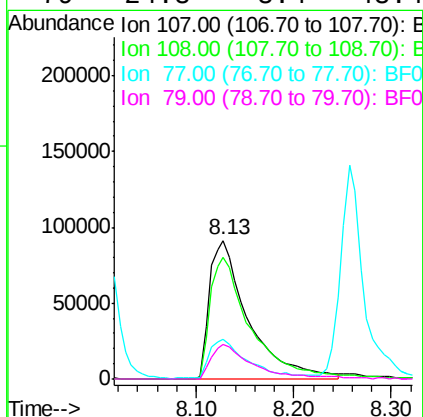
Manual Integrations  
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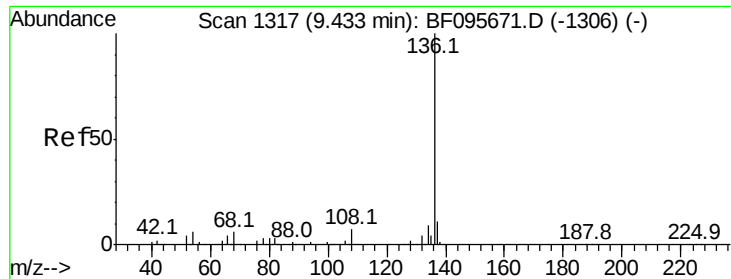
mohammad  
6/20/2017 4:28:51 PM



#20  
3+4-Methylphenols  
Concen: 51.46 ng  
RT: 8.13 min Scan# 1129  
Delta R.T. -0.01 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 87.7  | 71.0  | 111.0  |
| 77      | 28.7  | 90.5  | 130.5# |
| 79      | 24.8  | 8.4   | 48.4   |





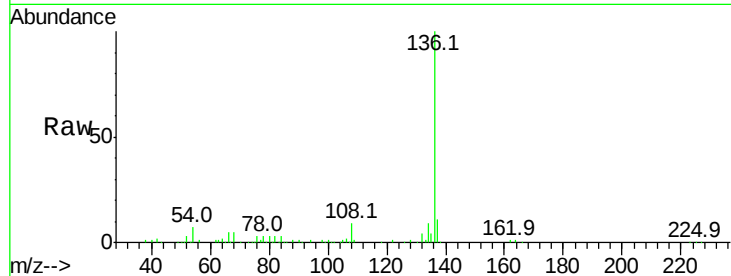
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.33 min Scan# 1334  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

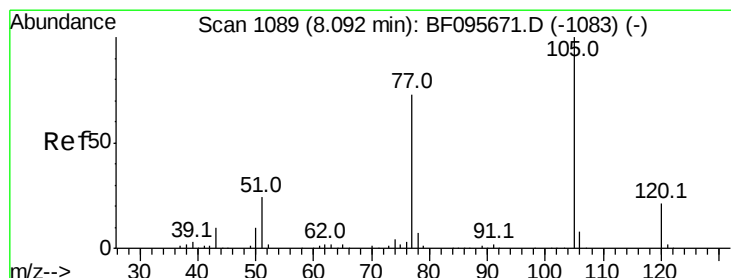
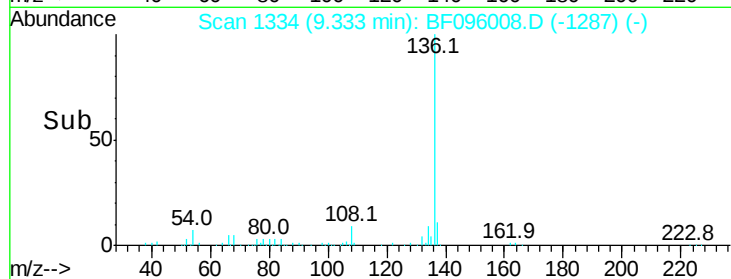
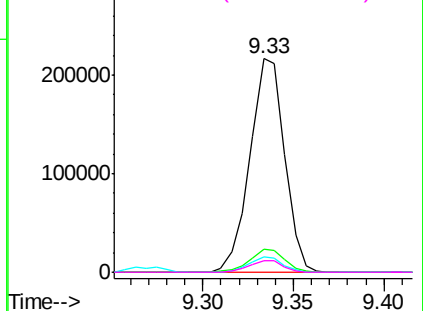
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 287692 |       |       |
| 137     | 11.0  |        | 8.5   | 12.7  |
| 54      | 7.3   |        | 4.9   | 7.3   |
| 68      | 5.5   |        | 4.1   | 6.1   |

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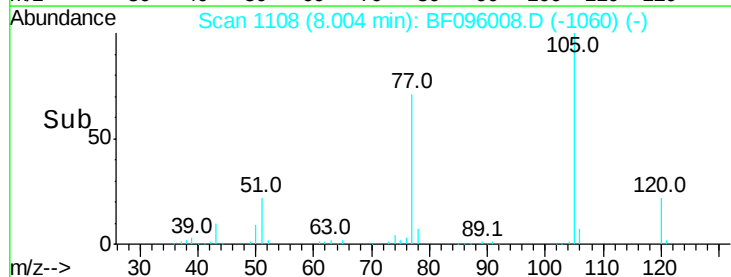
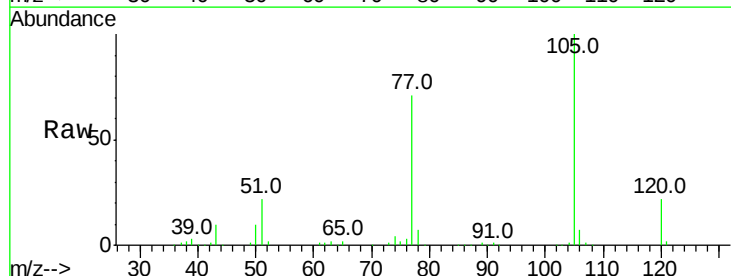
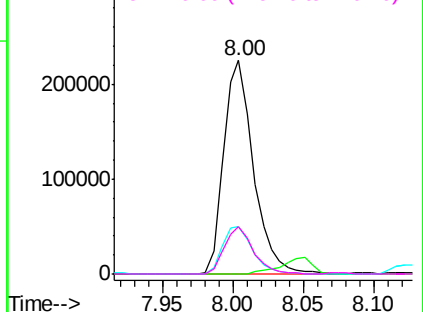
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

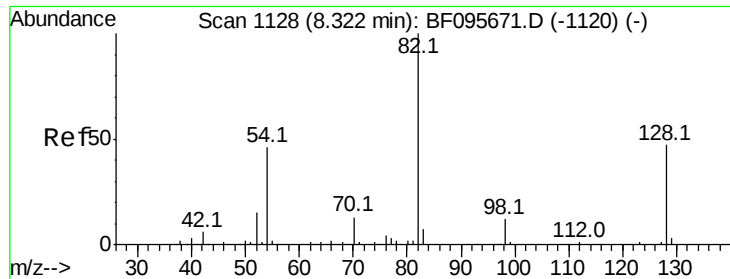


#22  
Acetophenone  
Concen: 48.93 ng  
RT: 8.00 min Scan# 1108  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 329462 |       |       |
| 71      | 0.0   |        | 2.8   | 4.2#  |
| 51      | 22.5  |        | 30.7  | 46.1# |
| 120     | 22.0  |        | 17.4  | 26.0  |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





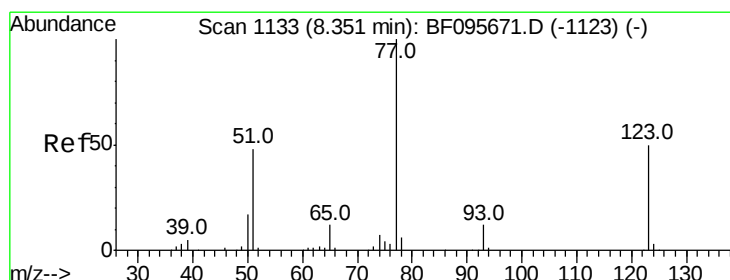
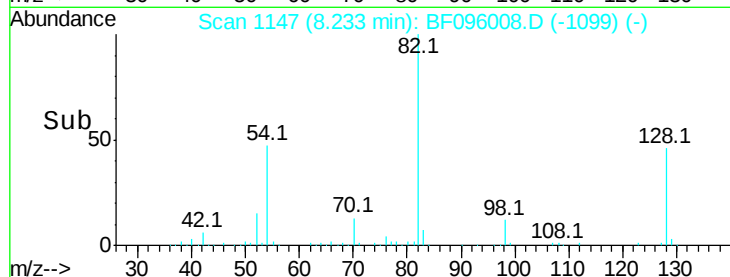
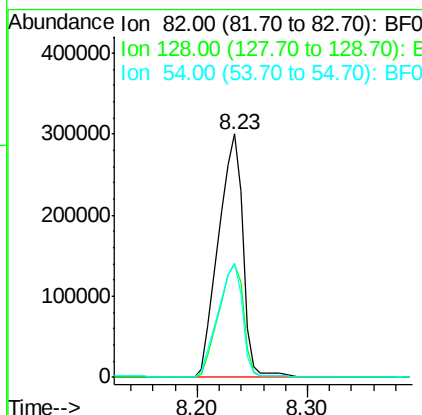
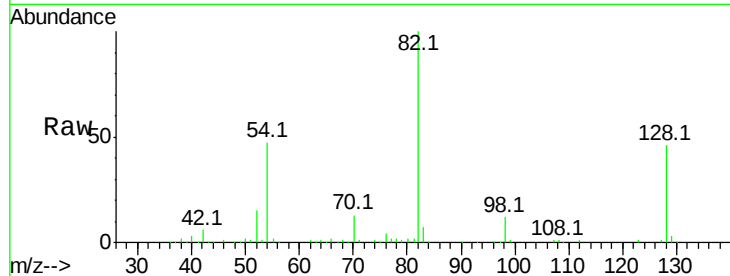
#23  
 Nitrobenzene-d5  
 Concen: 99.93 ng  
 RT: 8.23 min Scan# 1147  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 46.5  | 34.0 | 51.0  |       |
| 54      | 47.1  | 42.2 | 63.2  |       |

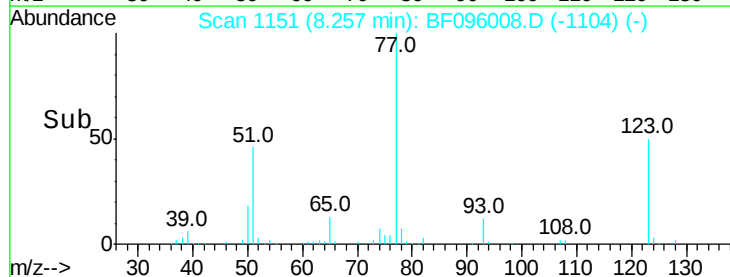
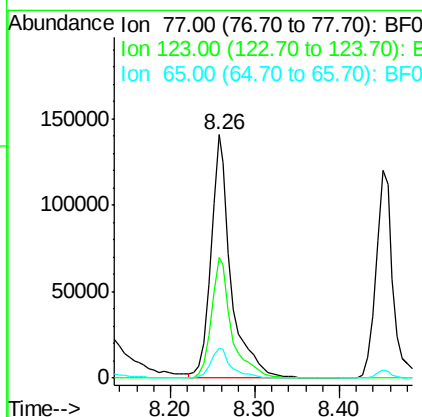
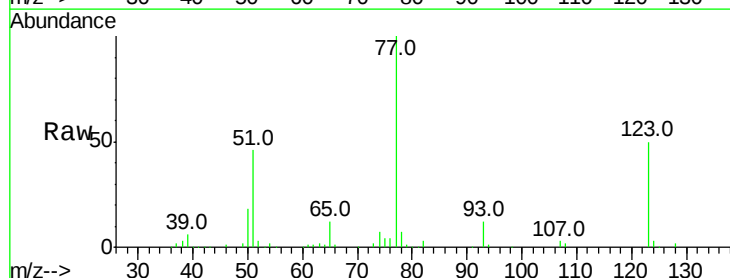
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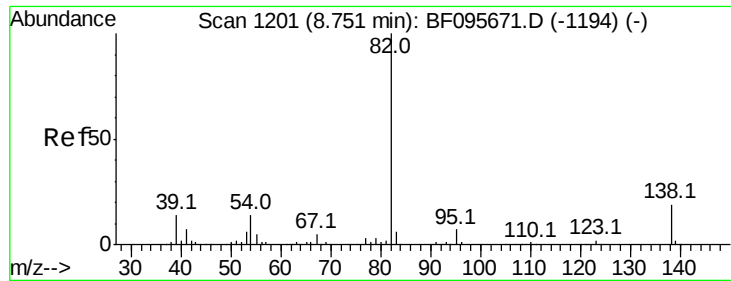
mohammad  
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#24  
 Nitrobenzene  
 Concen: 47.55 ng  
 RT: 8.26 min Scan# 1151  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 49.7  | 35.8 | 53.8  |       |
| 65      | 12.5  | 10.6 | 15.8  |       |





#25

Isophorone

Concen: 48.30 ng

RT: 8.66 min Scan# 1220

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

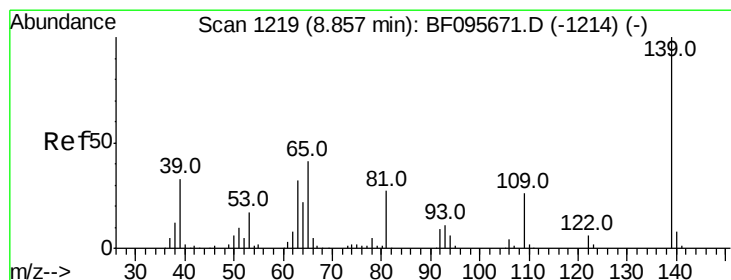
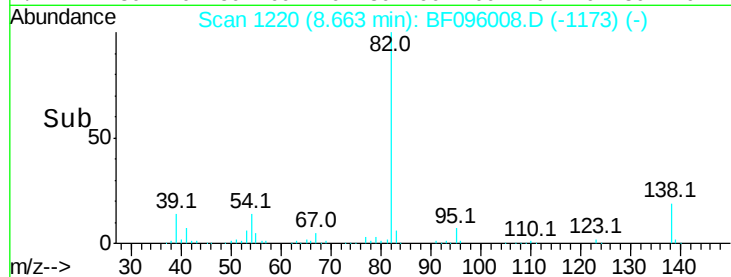
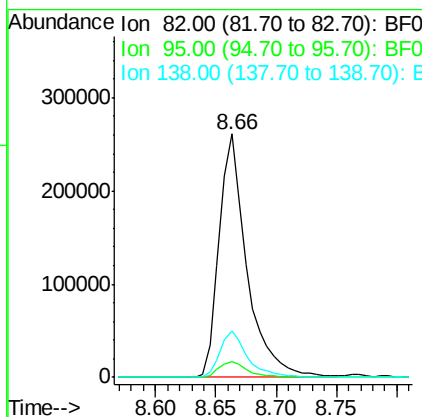
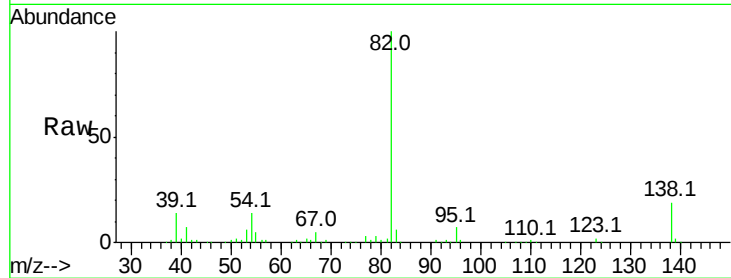
ClientSampleId :

WC061417-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 417773 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.6   | 5.3   | 7.9    |
| 138       | 18.9  | 13.1  | 19.7   |

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#26

2-Nitrophenol

Concen: 50.00 ng

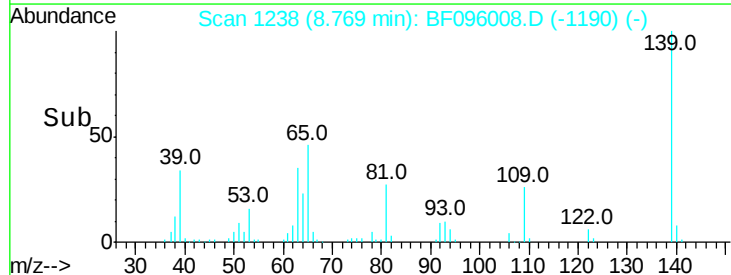
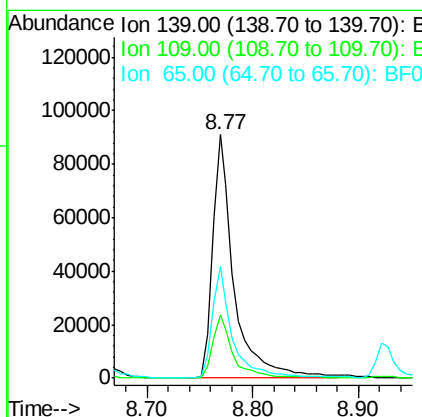
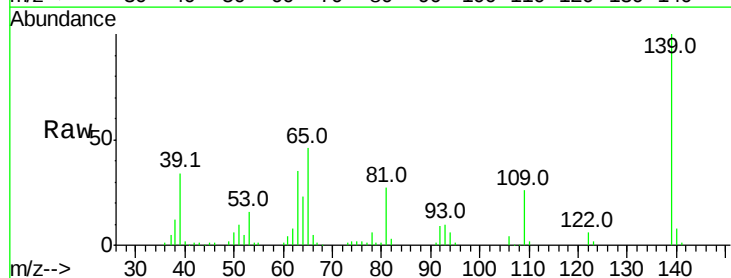
RT: 8.77 min Scan# 1238

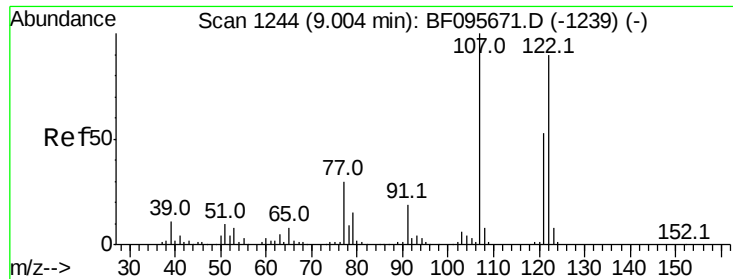
Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 129553 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.1  | 21.0  | 31.6   |
| 65        | 45.7  | 33.0  | 49.6   |





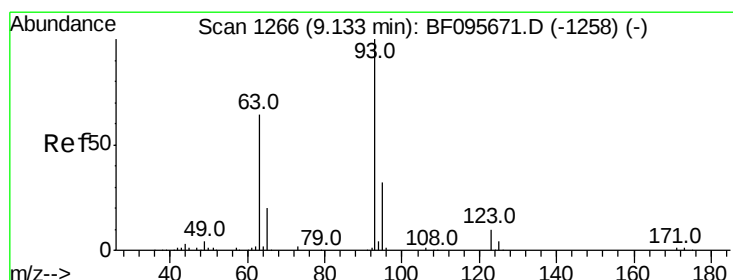
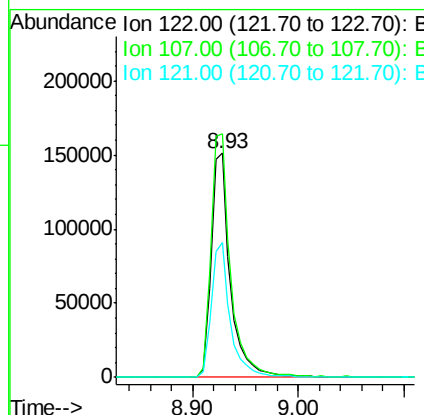
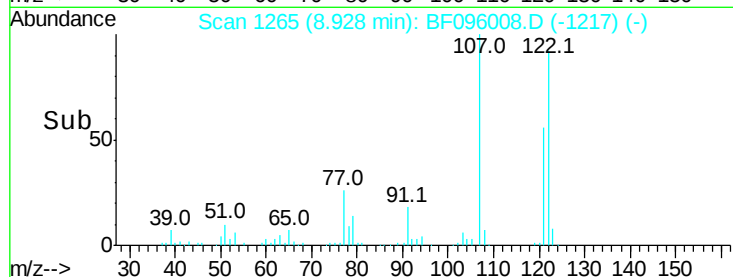
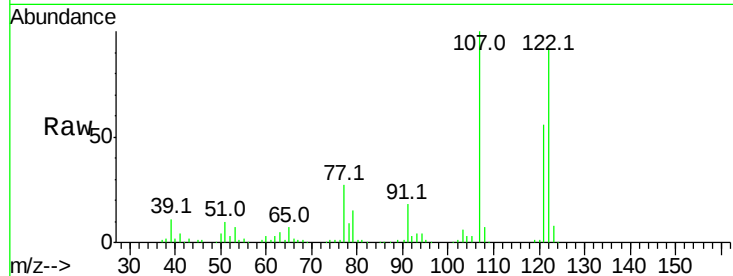
#27  
2,4-Dimethylphenol  
Concen: 47.89 ng  
RT: 8.93 min Scan# 1265  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 192598 |       |       |
| 107     | 108.6 | 89.2   | 133.8 |       |
| 121     | 60.4  | 45.2   | 67.8  |       |

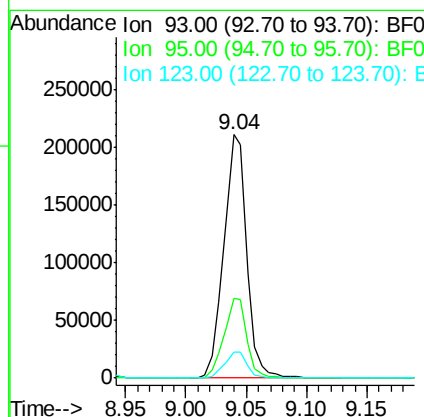
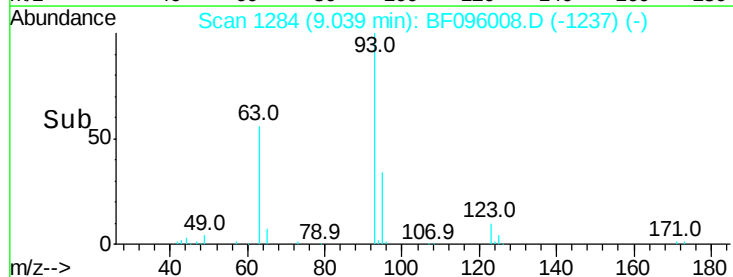
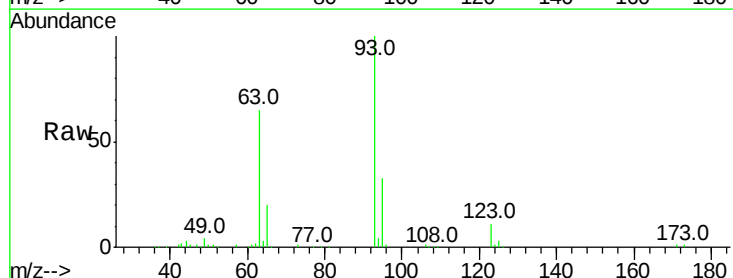
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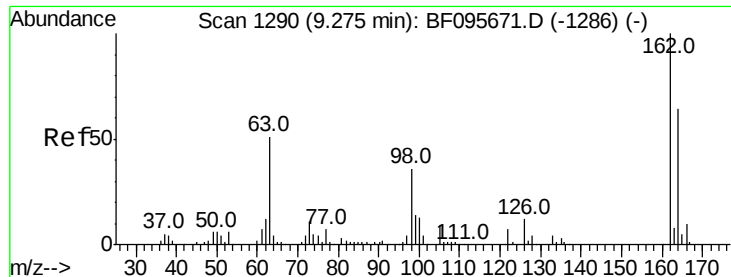
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#28  
bis(2-Chloroethoxy)methane  
Concen: 48.40 ng  
RT: 9.04 min Scan# 1284  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 275970 |       |       |
| 95      | 32.7  | 26.5   | 39.7  |       |
| 123     | 10.6  | 9.0    | 13.4  |       |





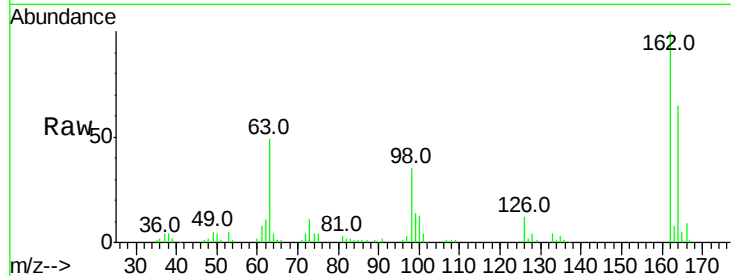
#29  
 2,4-Dichlorophenol  
 Concen: 49.83 ng  
 RT: 9.20 min Scan# 1312  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

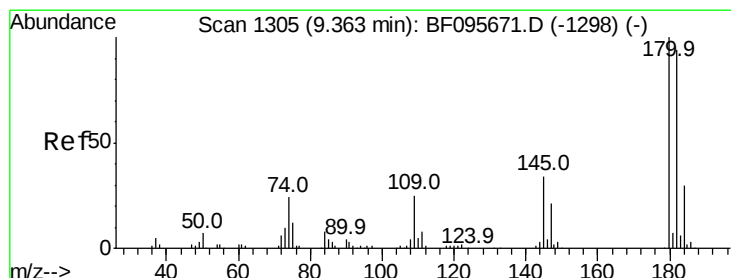
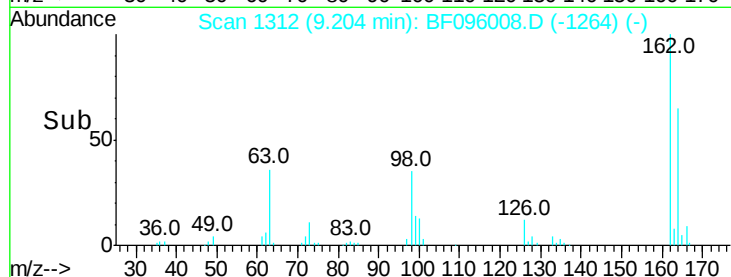
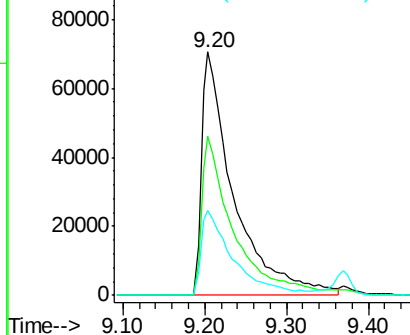
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 193003 |       |       |
| 164     | 65.4  |        | 44.6  | 84.6  |
| 98      | 34.8  |        | 14.8  | 54.8  |

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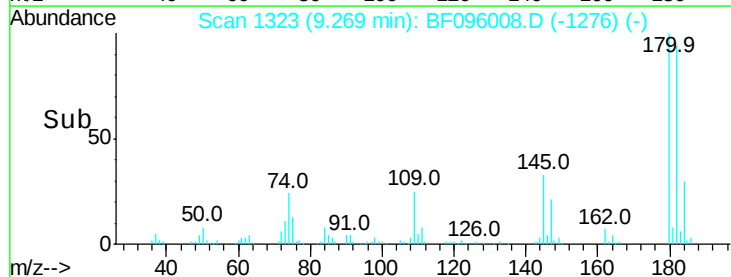
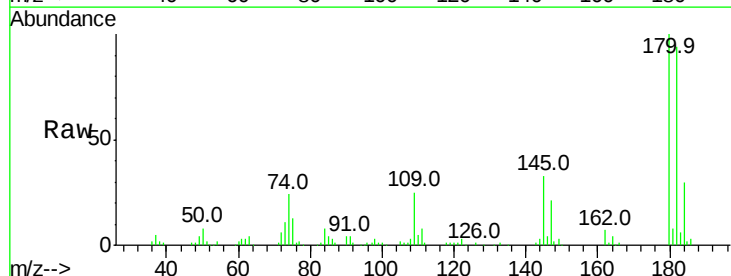
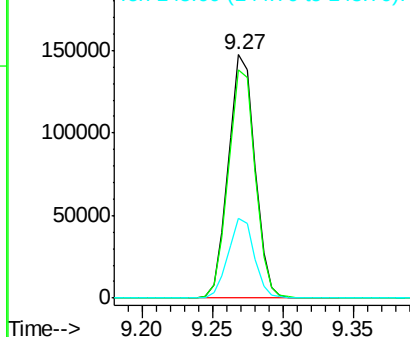
Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

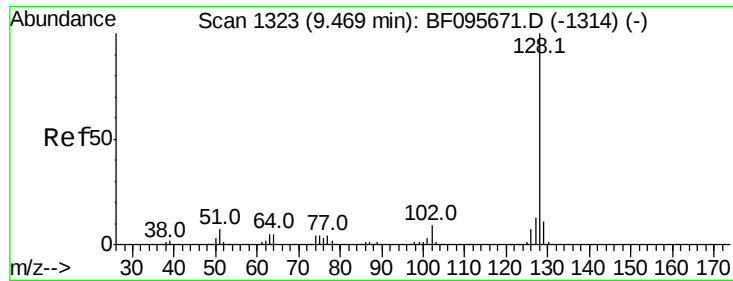


#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.92 ng  
 RT: 9.27 min Scan# 1323  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 193099 |       |       |
| 182     | 93.8  |        | 75.8  | 113.6 |
| 145     | 32.6  |        | 25.3  | 37.9  |

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





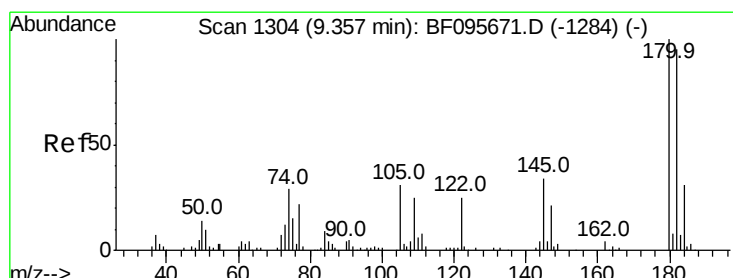
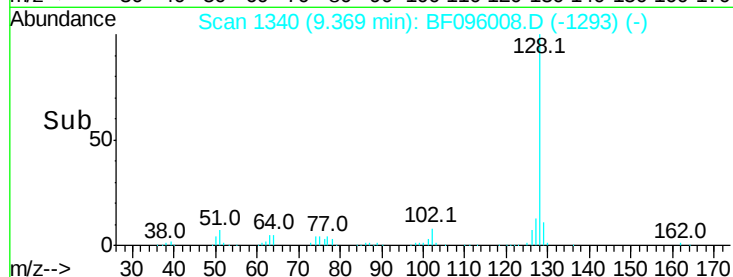
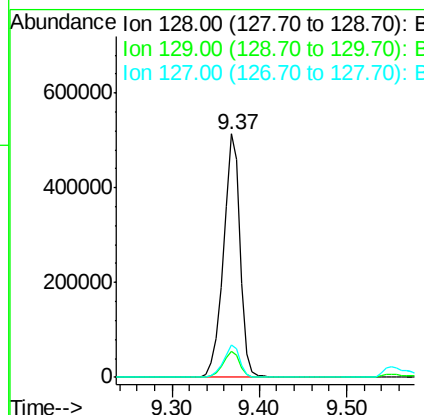
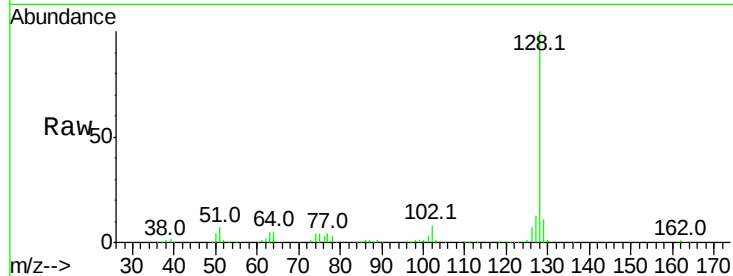
#31  
Naphthalene  
Concen: 46.90 ng  
RT: 9.37 min Scan# 1340  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 9.0   | 13.6  |
| 127     | 13.3  | 10.8  | 16.2  |

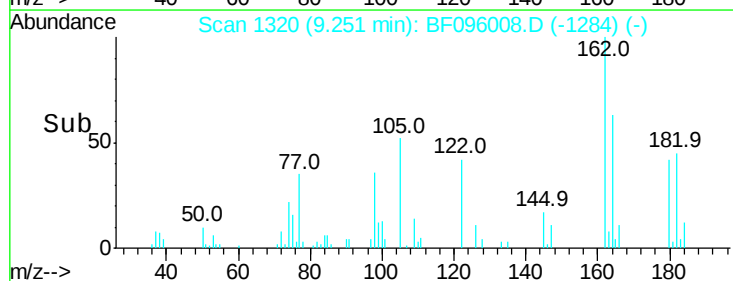
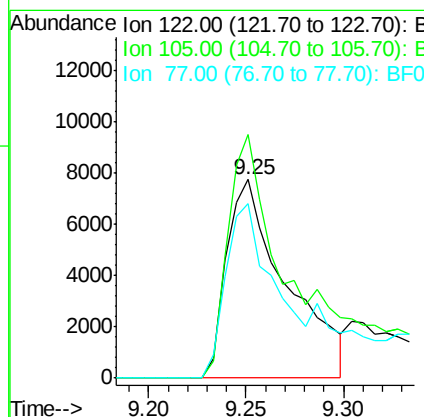
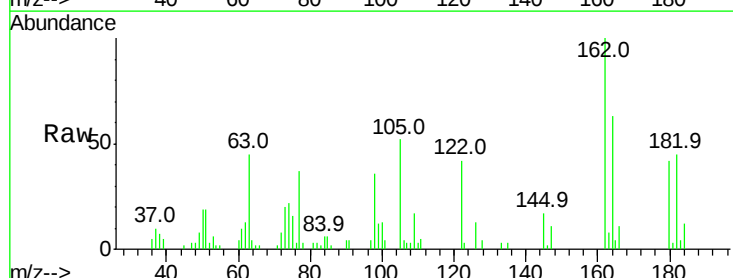
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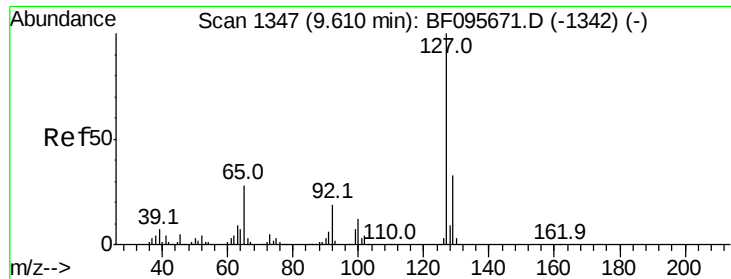
mohammad  
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#32  
Benzoic acid  
Concen: 10.95 ng  
RT: 9.25 min Scan# 1320  
Delta R.T. -0.09 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 122.6 | 103.3 | 143.3 |
| 77      | 87.6  | 73.7  | 113.7 |





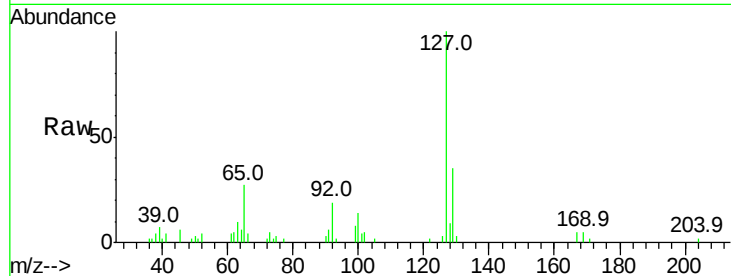
#33  
4-Chloroaniline  
Concen: 12.00 ng/mL  
RT: 9.55 min Scan# 1371  
Delta R.T. 0.01 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

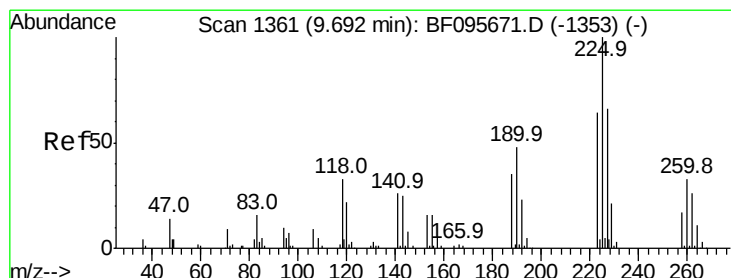
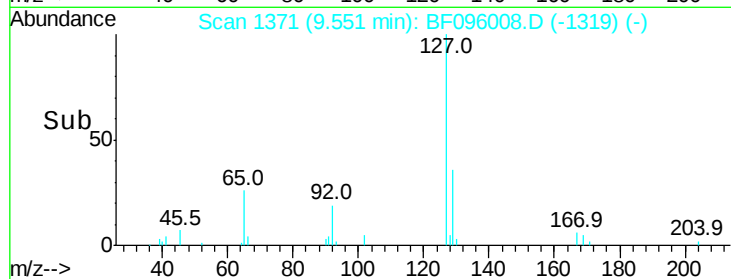
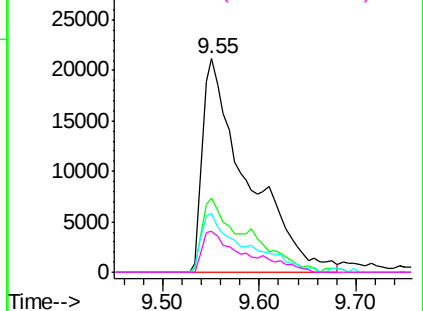
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.9  | 26.2  | 39.2  |
| 65      | 27.3  | 27.8  | 41.8  |
| 92      | 19.0  | 16.8  | 25.2  |

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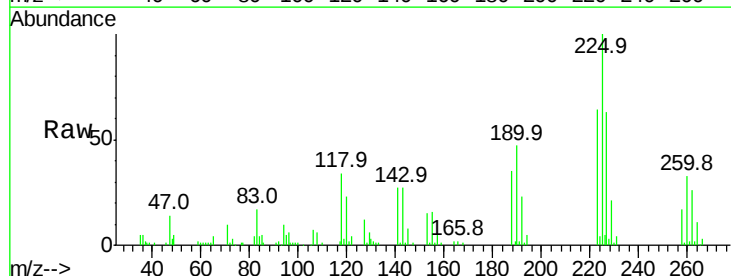


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

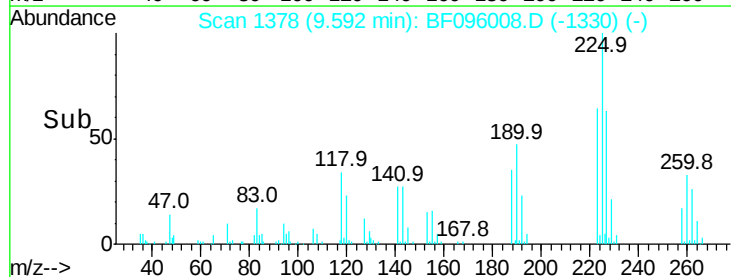
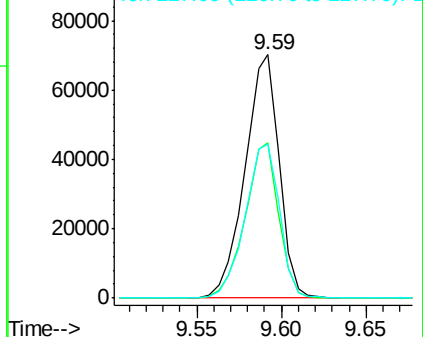


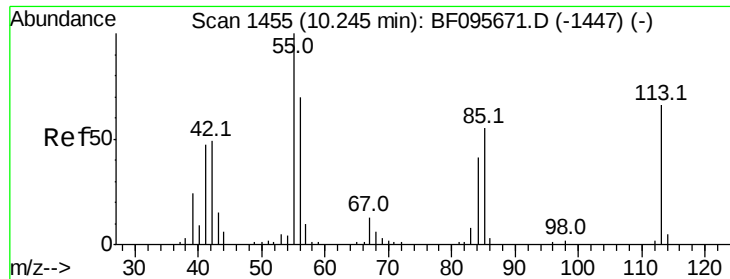
#34  
Hexachlorobutadiene  
Concen: 47.47 ng/mL  
RT: 9.59 min Scan# 1378  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.6  | 48.8  | 73.2  |
| 227     | 63.4  | 51.1  | 76.7  |



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





#35

Caprolactam

Concen: 49.95 ng/mL

RT: 10.16 min Scan# 1475

Delta R.T. -0.04 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

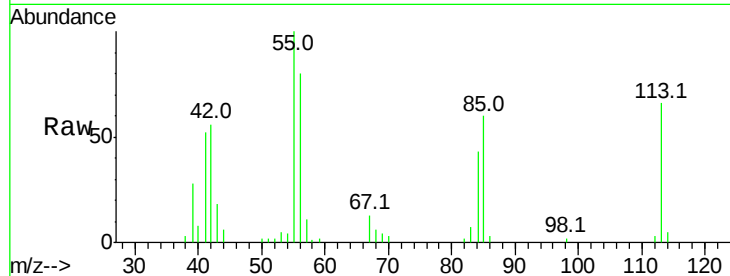
ClientSampleId :

WC061417-1MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 57566 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 150.9 | 150.2 | 190.2 |
| 56        | 121.4 | 107.8 | 147.8 |

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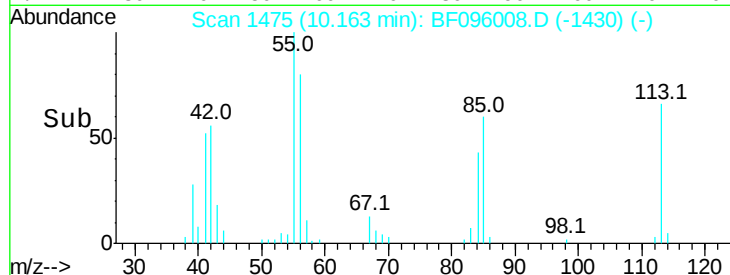


Abundance Ion 113.00 (112.70 to 113.70): E

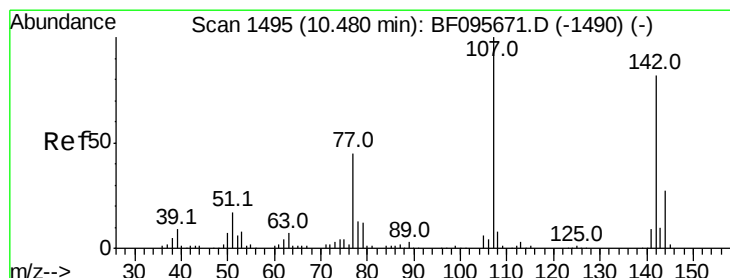
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 49.22 ng/mL

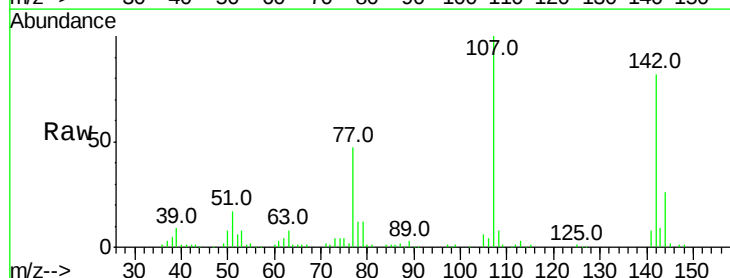
RT: 10.42 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 199545 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.8  | 24.2  | 36.4   |
| 142       | 82.2  | 73.4  | 110.0  |

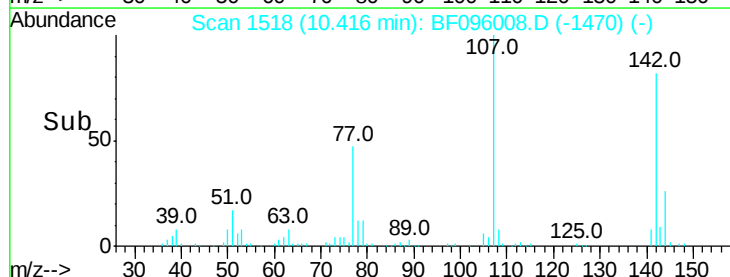


Abundance Ion 107.00 (106.70 to 107.70): E

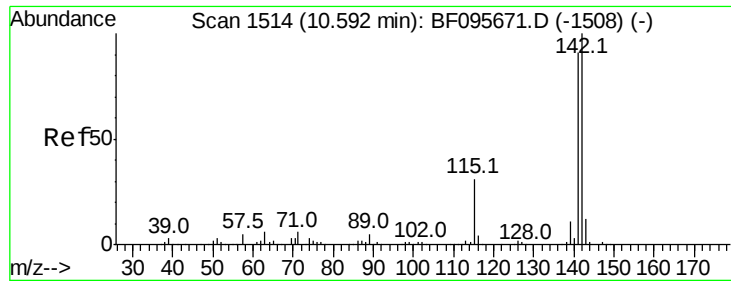
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



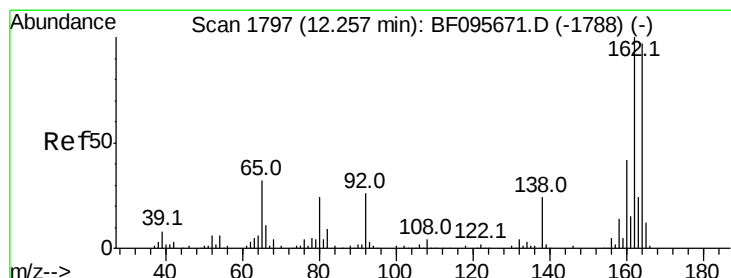
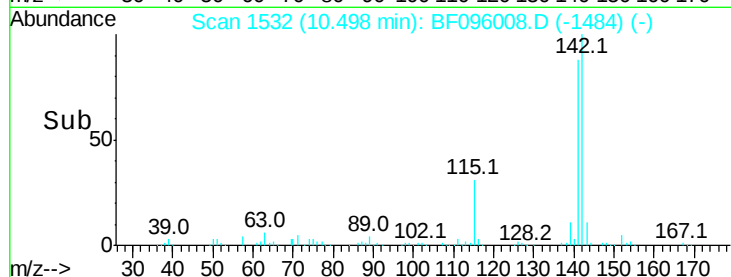
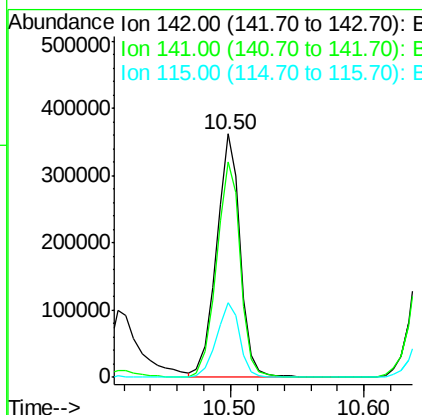
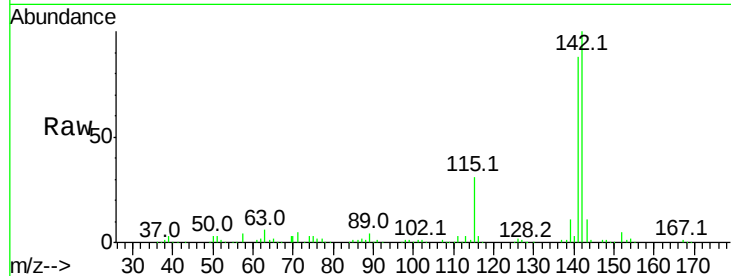
#37  
2-Methylnaphthalene  
Concen: 46.63 ng  
RT: 10.50 min Scan# 1532  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.3  | 71.3  | 106.9 |
| 115     | 30.9  | 27.1  | 40.7  |

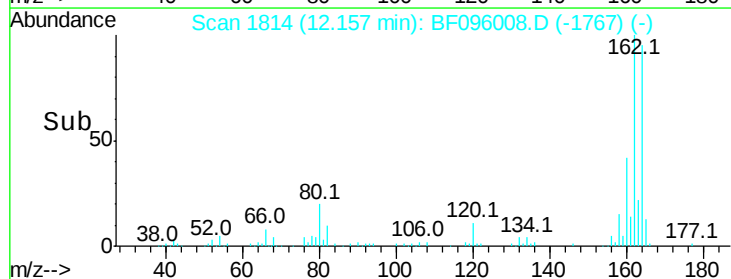
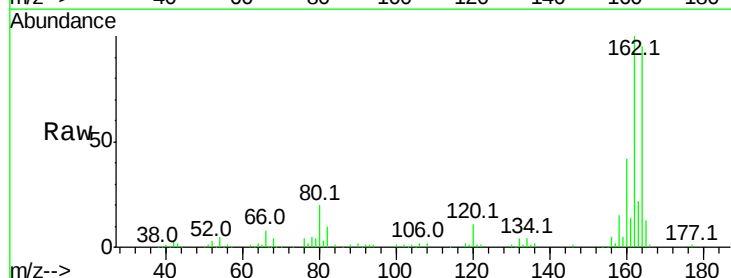
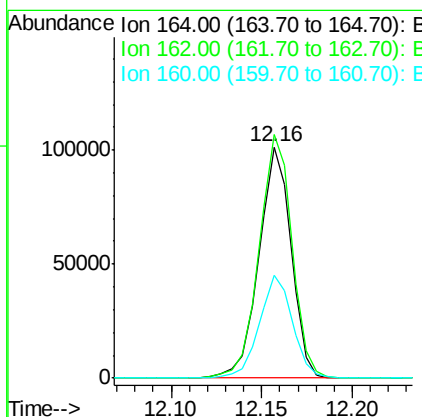
Manual Integrations  
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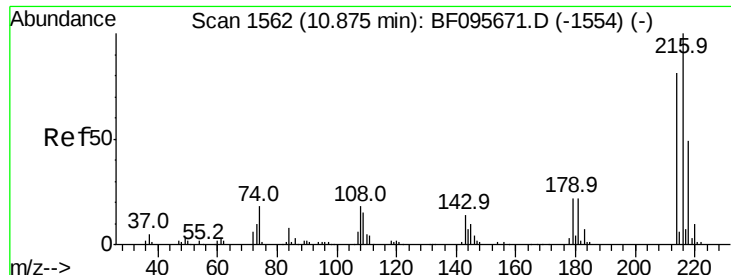
mohammad  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.16 min Scan# 1814  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.3 | 82.6  | 123.8 |
| 160     | 44.7  | 36.2  | 54.2  |





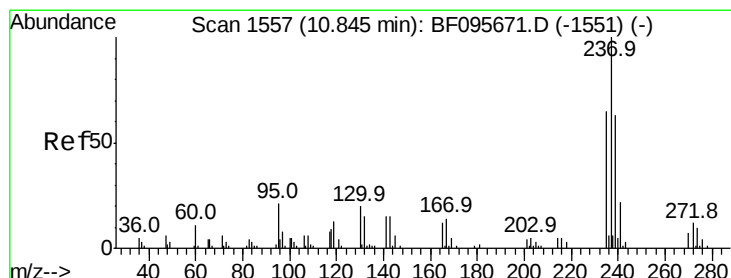
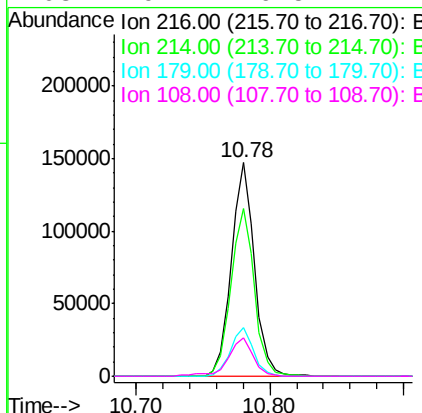
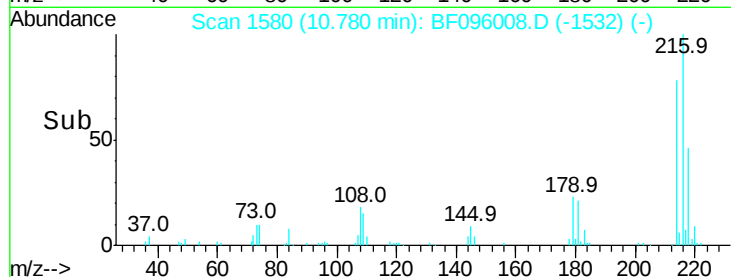
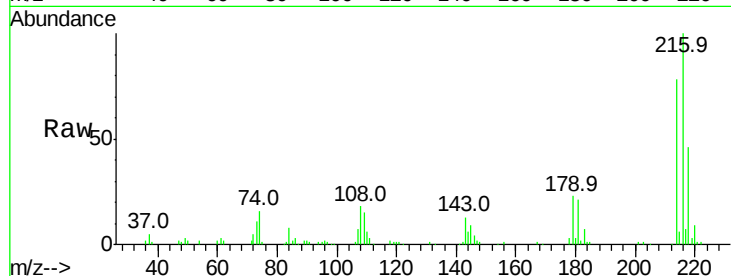
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 47.57 ng  
 RT: 10.78 min Scan# 1580  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 177781 |       |       |
| 214     | 80.2  | 63.4   | 95.2  |       |
| 179     | 22.4  | 17.9   | 26.9  |       |
| 108     | 19.4  | 16.5   | 24.7  |       |

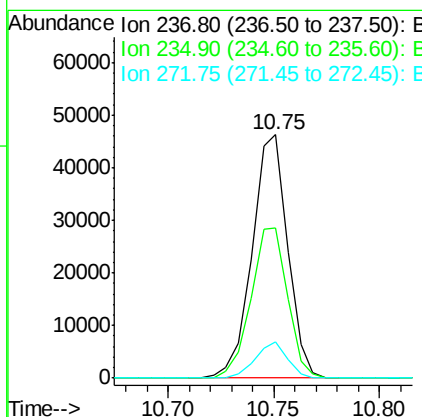
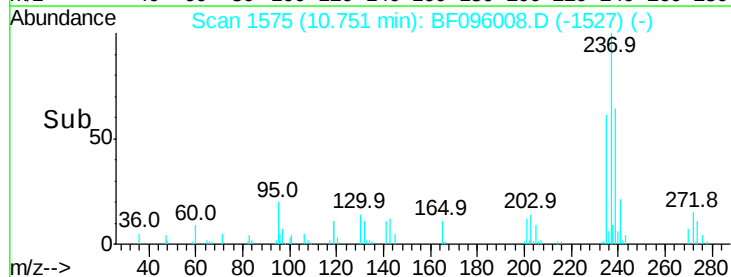
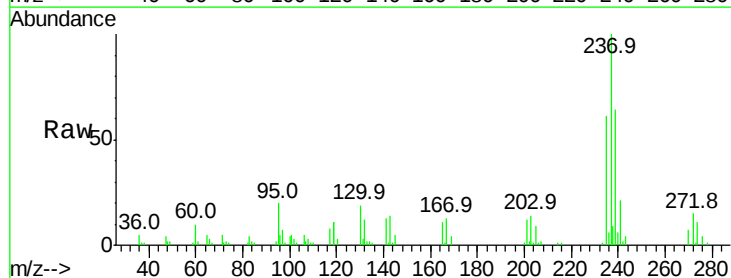
Manual Integrations  
 APPROVED

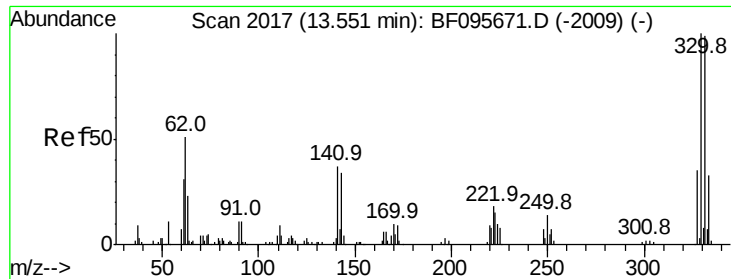
mohammad  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 51.02 ng  
 RT: 10.75 min Scan# 1575  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 54212 |       |       |
| 235     | 61.4  | 42.6  | 82.6  |       |
| 272     | 15.0  | 0.0   | 31.9  |       |





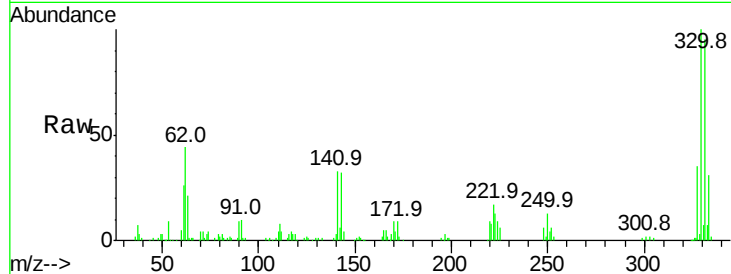
#41  
 2,4,6-Tribromophenol  
 Concen: 135.74 ng  
 RT: 13.46 min Scan# 2036  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

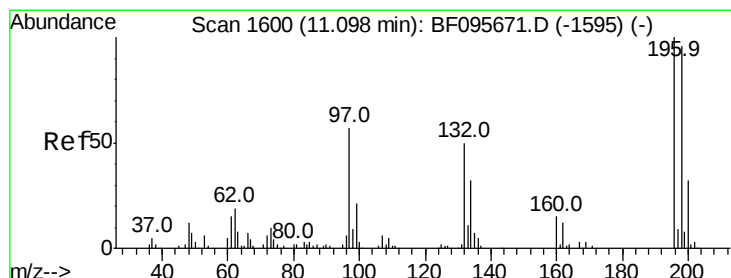
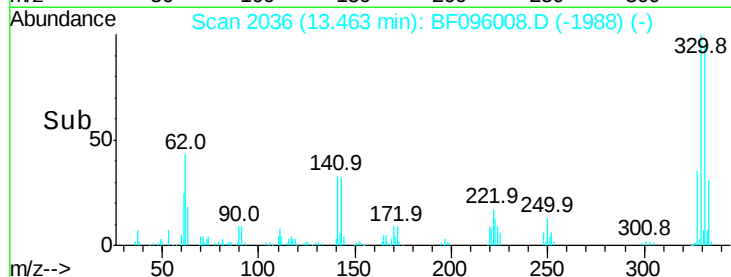
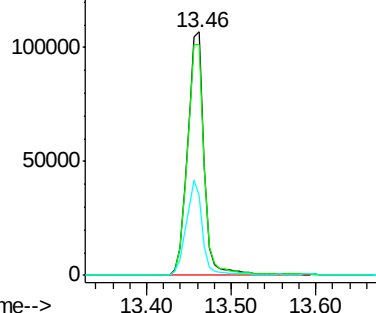
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 149973 |       |       |
| 332     | 97.9  | 76.6   | 115.0 |       |
| 141     | 38.4  | 31.4   | 47.2  |       |

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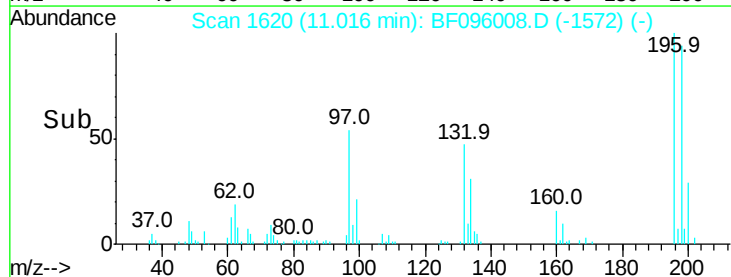
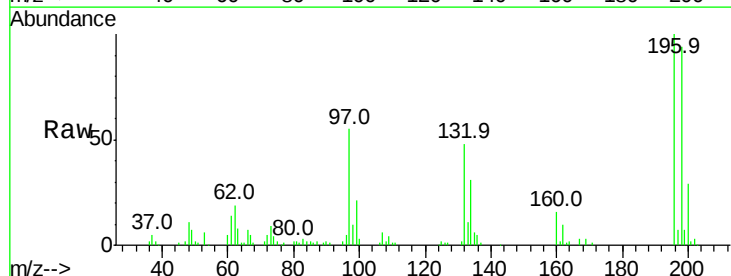
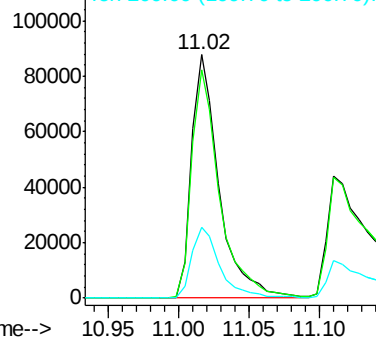
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

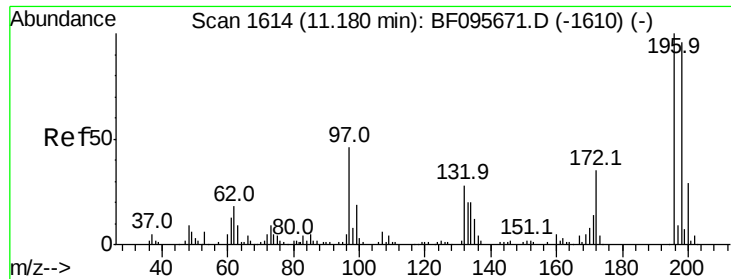


#42  
 2,4,6-Trichlorophenol  
 Concen: 49.73 ng  
 RT: 11.02 min Scan# 1620  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 119500 |       |       |
| 198     | 94.0  | 74.2   | 111.4 |       |
| 200     | 29.1  | 24.0   | 36.0  |       |

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





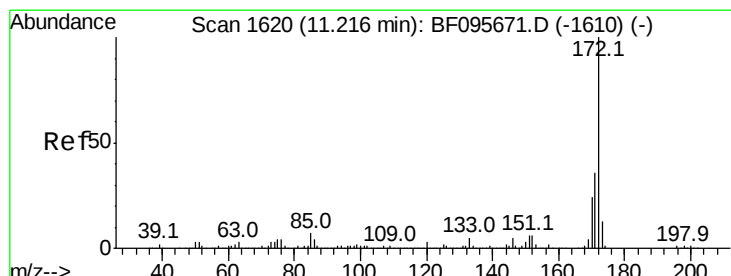
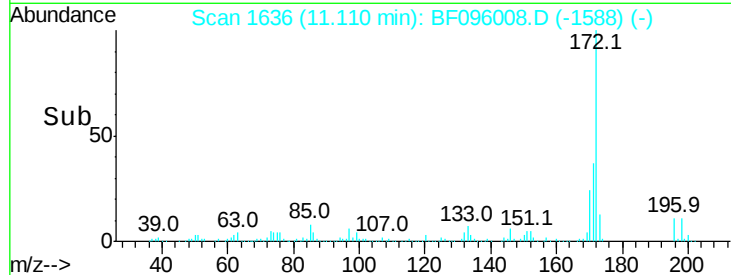
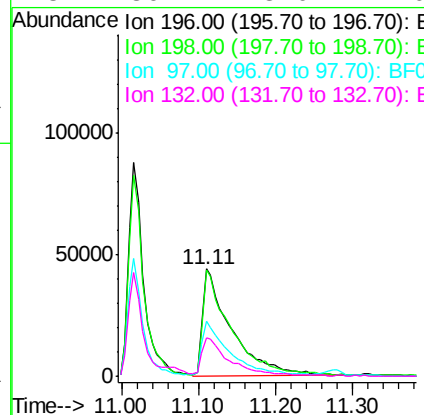
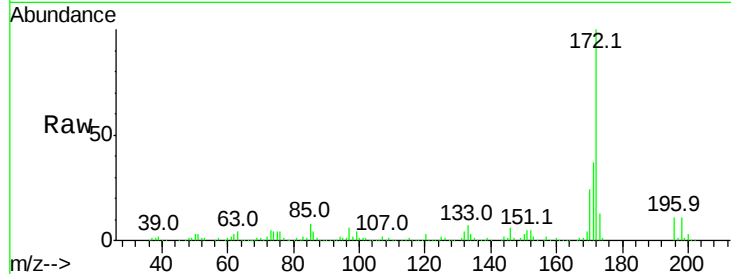
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.19 ng  
 RT: 11.11 min Scan# 1636  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampled :  
 WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 112931 |       |       |
| 198     | 99.0  | 75.7   | 113.5 |       |
| 97      | 51.8  | 47.7   | 71.5  |       |
| 132     | 36.4  | 28.0   | 42.0  |       |

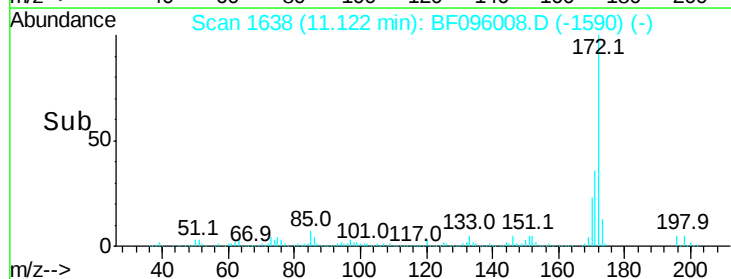
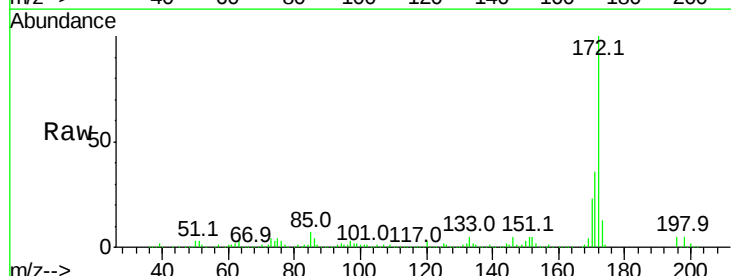
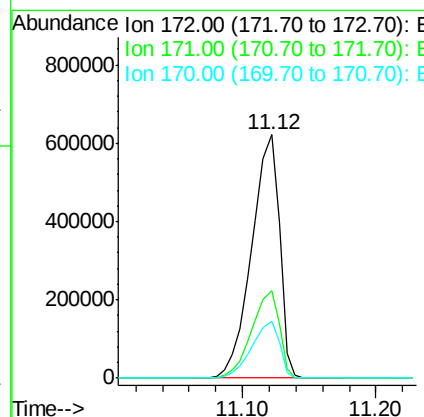
Manual Integrations  
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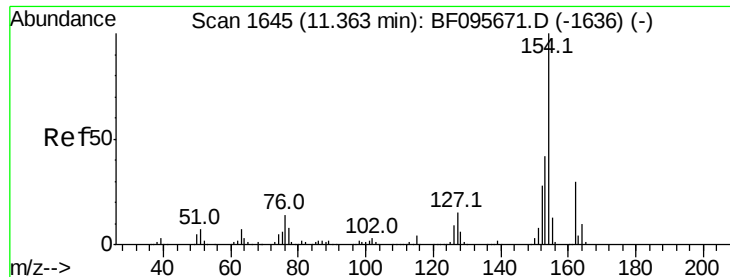
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#44  
 2-Fluorobiphenyl  
 Concen: 99.20 ng  
 RT: 11.12 min Scan# 1638  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 890193 |       |       |
| 171     | 35.9  | 29.6   | 44.4  |       |
| 170     | 23.5  | 19.8   | 29.8  |       |





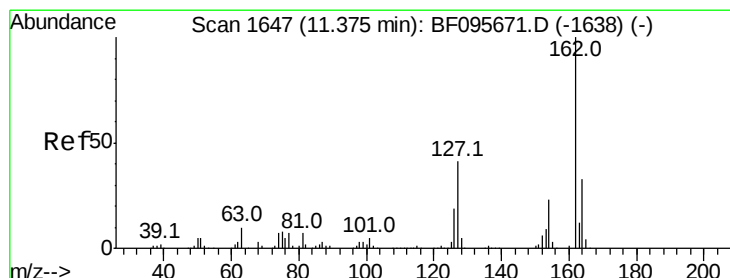
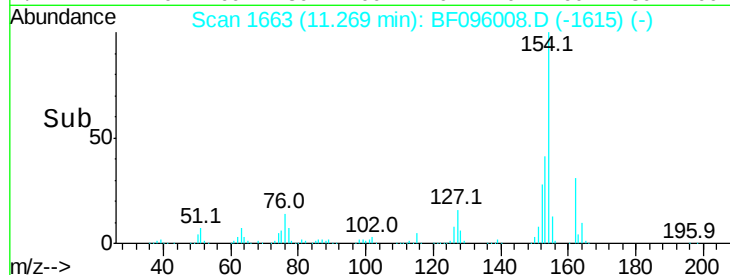
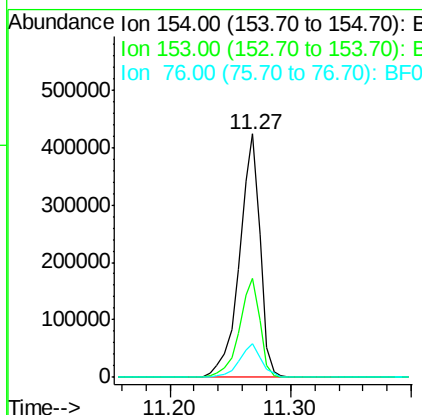
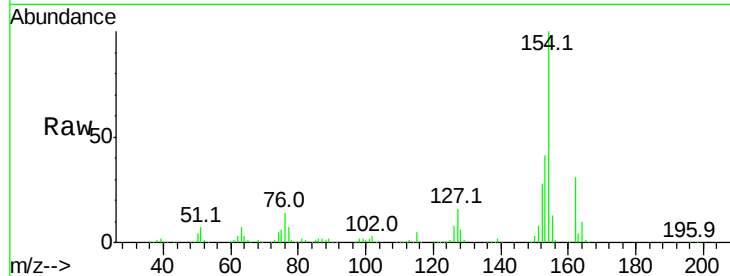
#45  
 1,1'-Biphenyl  
 Concen: 48.79 ng  
 RT: 11.27 min Scan# 1663  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.8  | 21.2 | 61.2  |       |
| 76      | 13.8  | 0.0  | 29.9  |       |

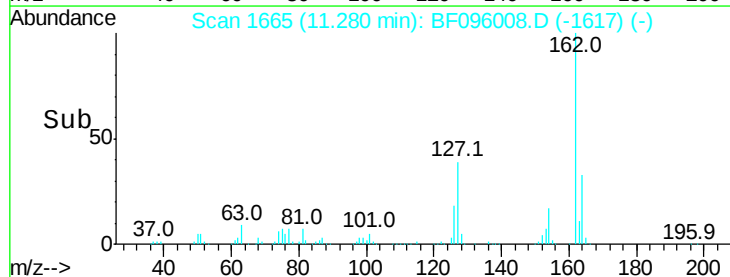
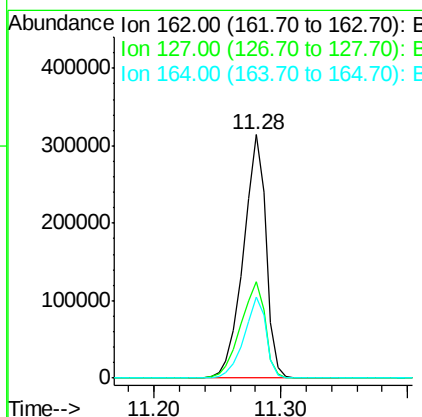
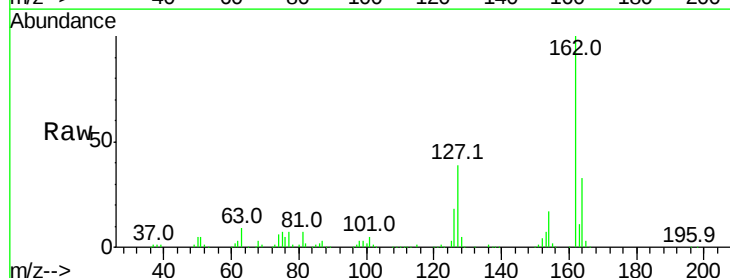
Manual Integrations  
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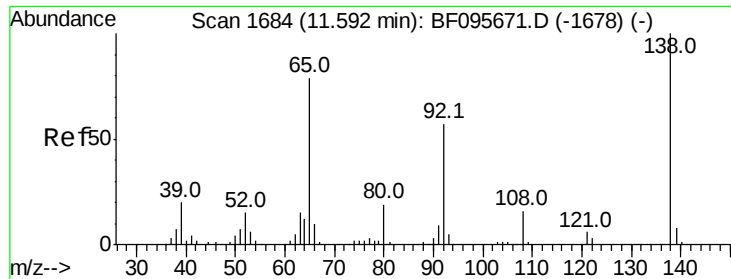
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#46  
 2-Chloronaphthalene  
 Concen: 48.43 ng  
 RT: 11.28 min Scan# 1665  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 39.5  | 28.3 | 42.5  |       |
| 164     | 33.2  | 27.0 | 40.4  |       |





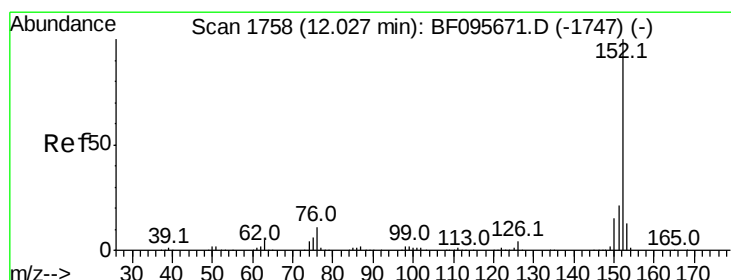
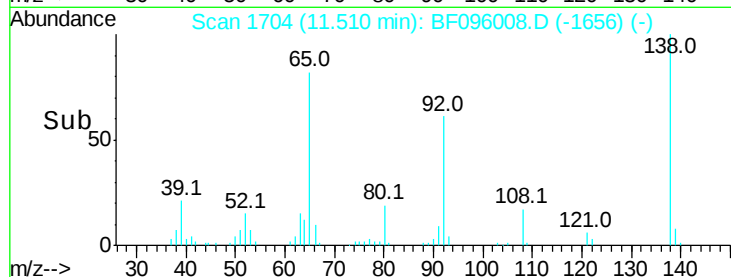
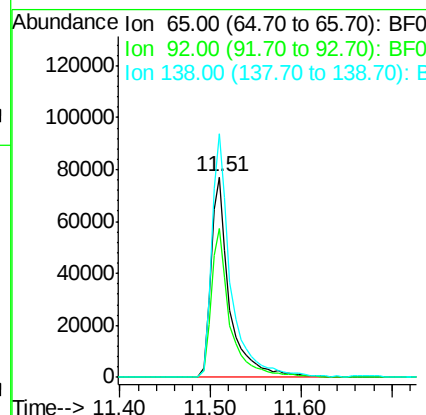
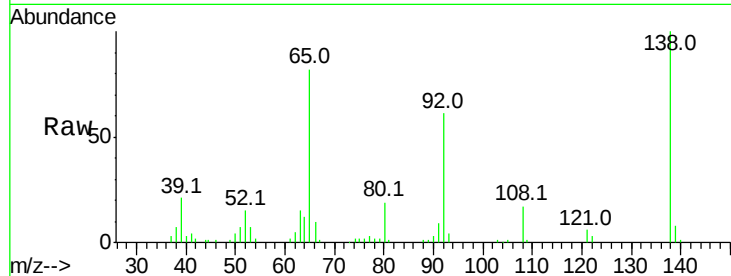
#47  
 2-Nitroaniline  
 Concen: 47.57 ng  
 RT: 11.51 min Scan# 1704  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.3  | 53.9  | 80.9  |
| 138     | 121.6 | 78.8  | 118.2 |

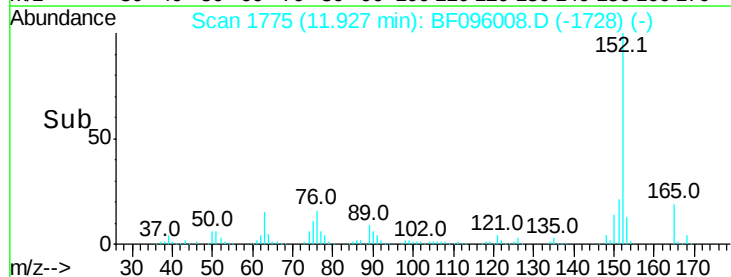
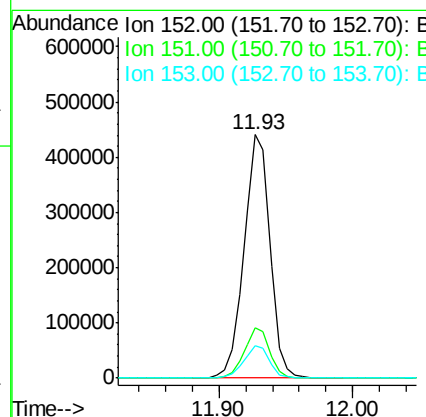
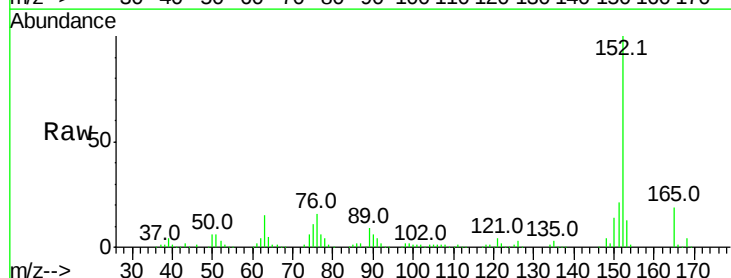
Manual Integrations  
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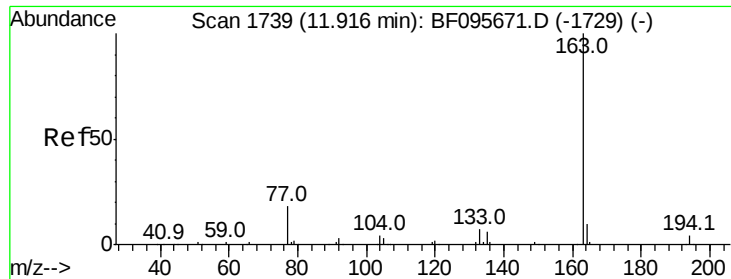
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#48  
 Acenaphthylene  
 Concen: 42.94 ng  
 RT: 11.93 min Scan# 1775  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.8  | 25.2  |
| 153     | 13.4  | 10.8  | 16.2  |





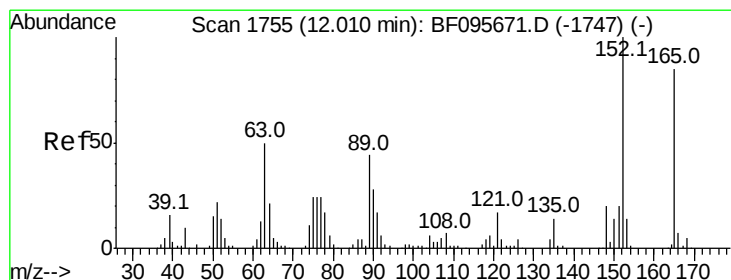
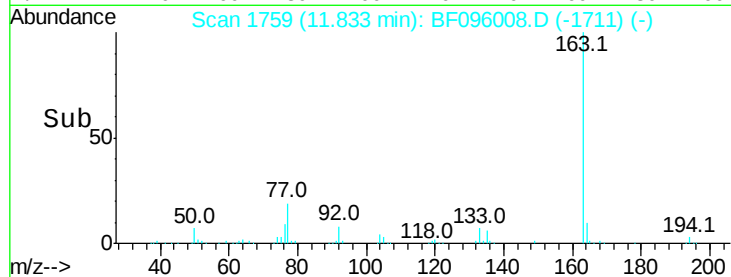
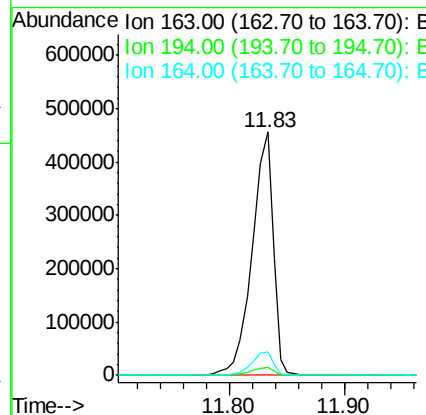
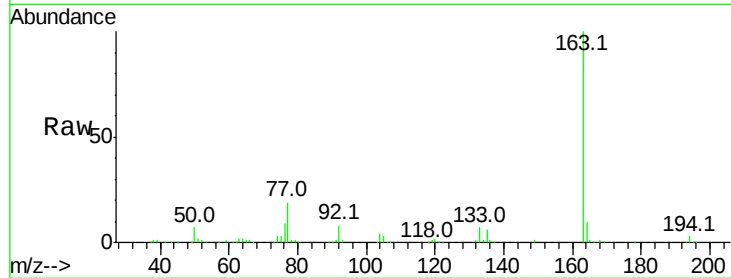
#49  
Dimethylphthalate  
Concen: 61.17 ng  
RT: 11.83 min Scan# 1759  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 579937 |       |       |
| 194     | 3.4   |        | 2.6   | 4.0   |
| 164     | 9.9   |        | 8.4   | 12.6  |

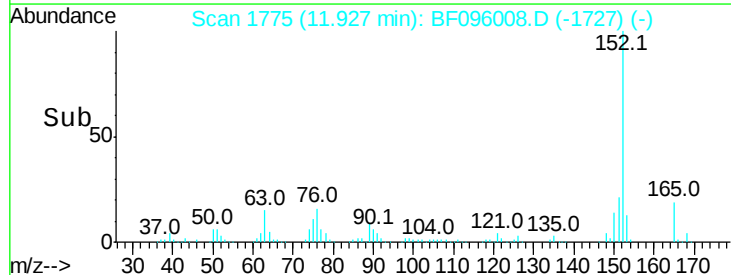
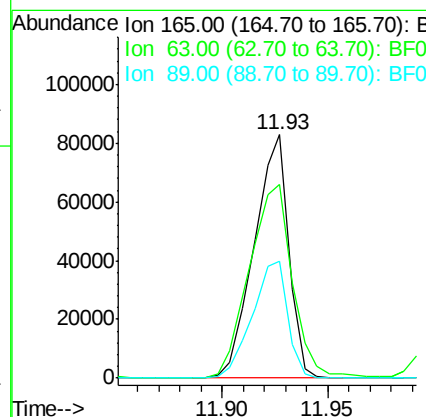
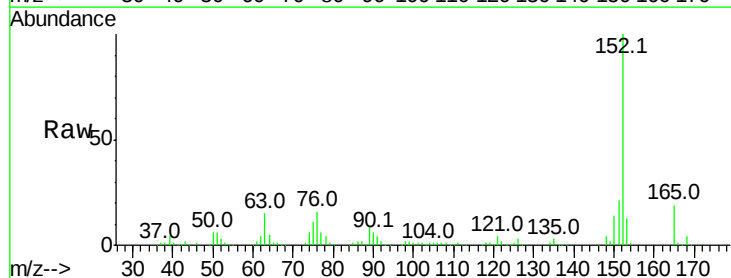
Manual Integrations  
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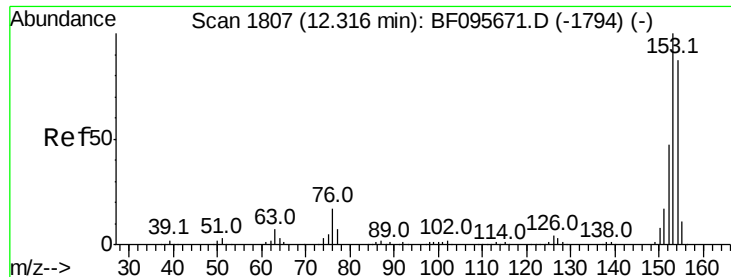
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#50  
2,6-Dinitrotoluene  
Concen: 45.47 ng  
RT: 11.93 min Scan# 1775  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 94030 |       |       |
| 63      | 79.3  |       | 34.3  | 51.5# |
| 89      | 48.1  |       | 37.1  | 55.7  |





#51

Acenaphthene

Concen: 44.57 ng

RT: 12.21 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

ClientSampleId :

WC061417-1MS

Tot Ion:154 Resp: 353988

Ion Ratio Lower Upper

154 100

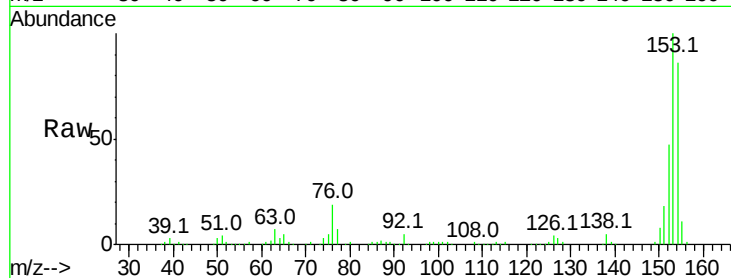
153 115.7 90.5 135.7

152 54.3 43.6 65.4

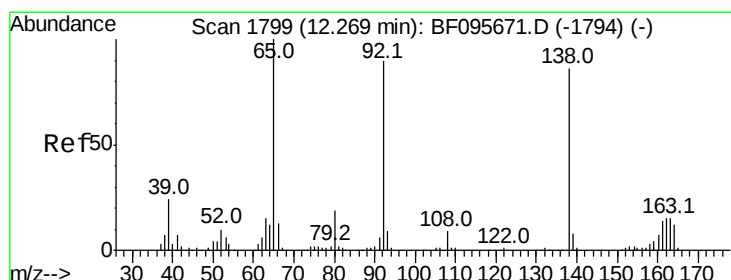
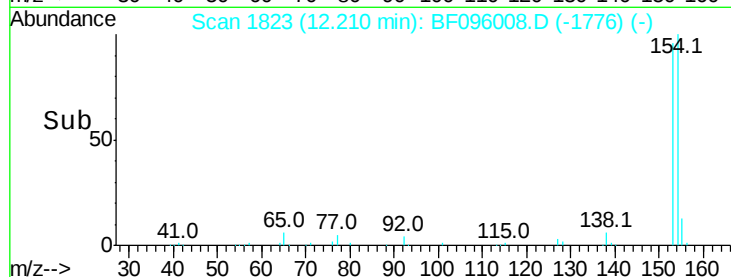
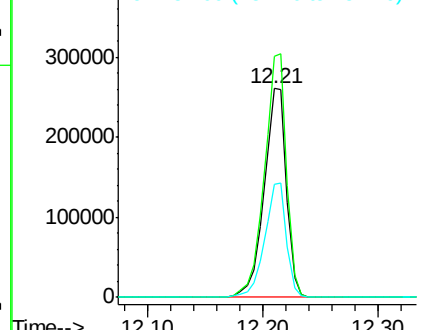
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.77 ng

RT: 12.19 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

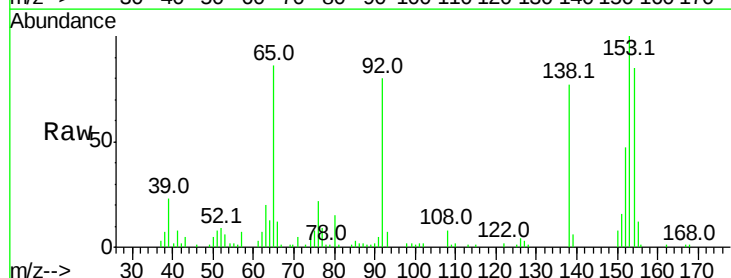
Tgt Ion:138 Resp: 59684

Ion Ratio Lower Upper

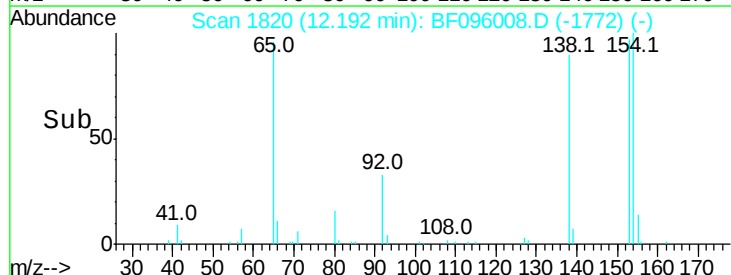
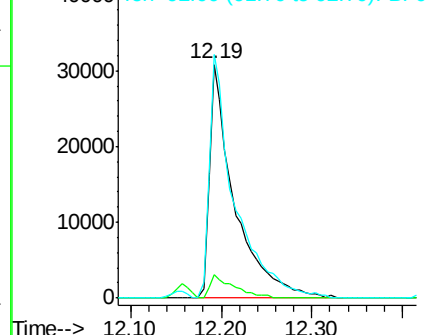
138 100

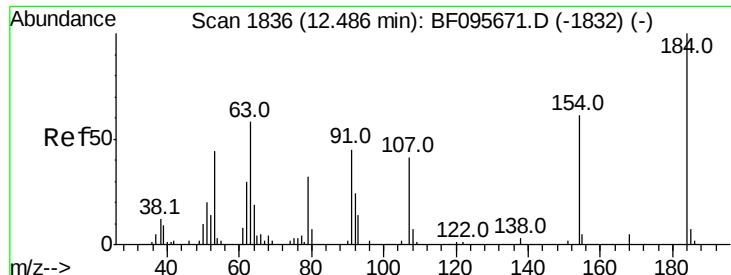
108 10.1 9.1 13.7

92 104.2 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0





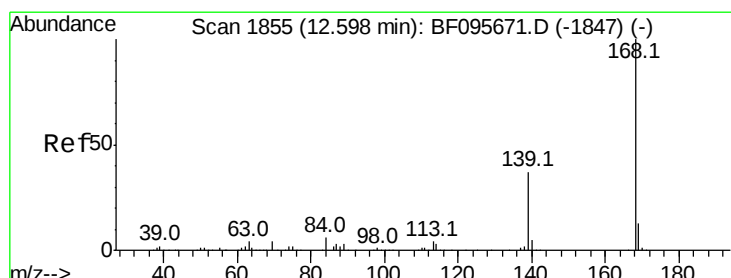
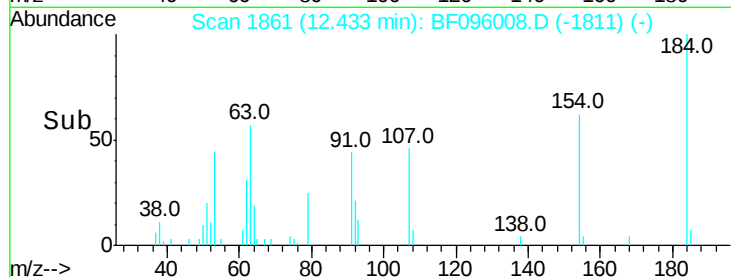
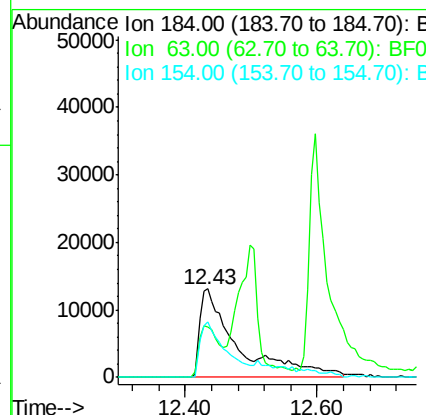
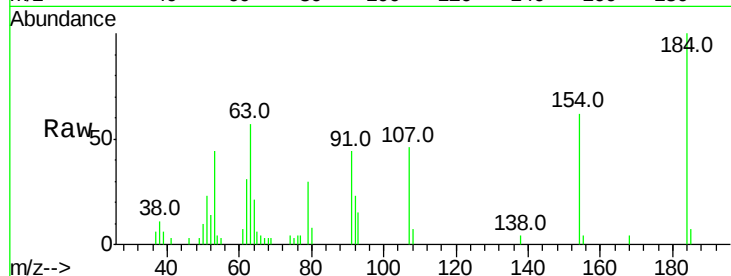
#53  
 2,4-Dinitrophenol  
 Concen: 47.69 ng/ml  
 RT: 12.43 min Scan# 1861  
 Delta R.T. -0.01 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 57.5  | 62.7  | 94.1#  |
| 154     | 62.1  | 81.1  | 121.7# |

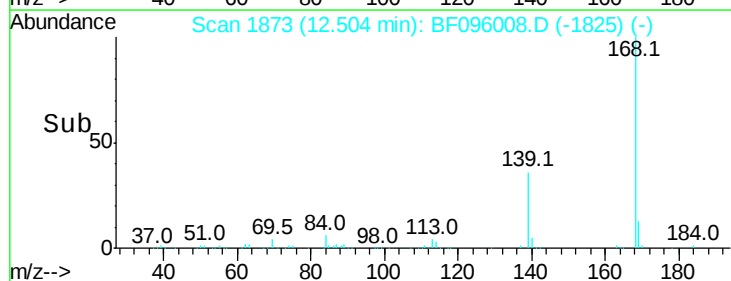
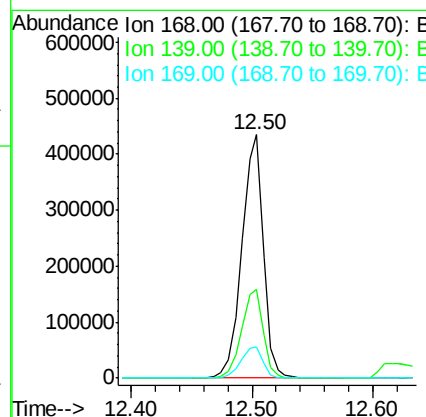
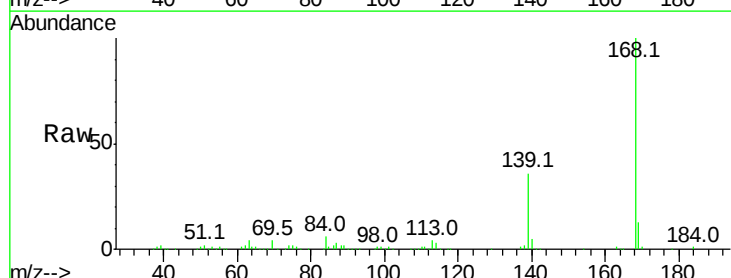
Manual Integrations  
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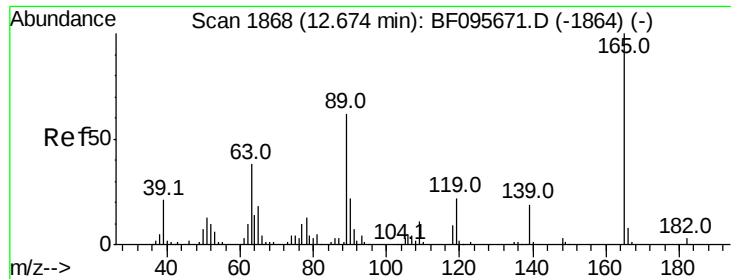
mohammad  
 6/20/2017 4:28:51 PM



#54  
 Dibenzofuran  
 Concen: 48.20 ng/ml  
 RT: 12.50 min Scan# 1873  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.5  | 30.6  | 45.8  |
| 169     | 12.7  | 10.8  | 16.2  |





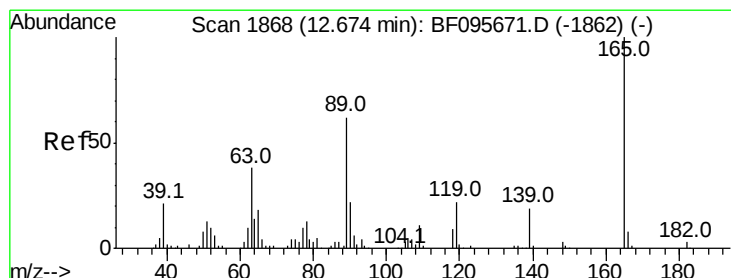
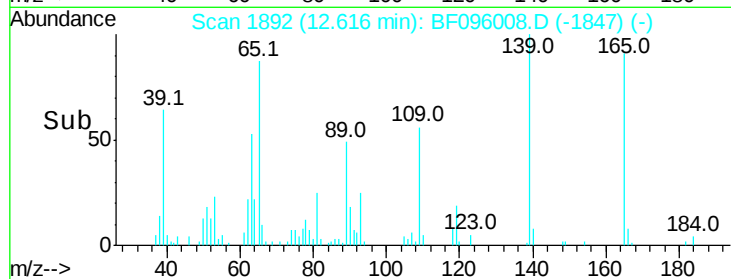
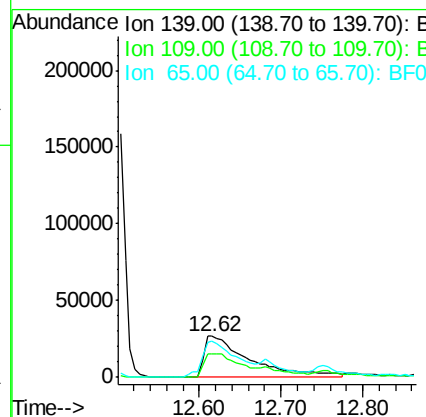
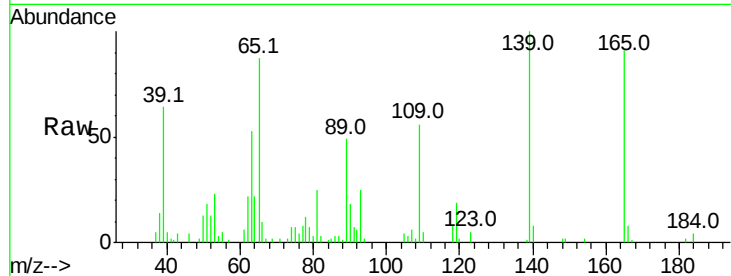
#55  
4-Nitrophenol  
Concen: 75.16 ng  
RT: 12.62 min Scan# 1892  
Delta R.T. -0.04 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 56.2  | 34.1 | 74.1  |       |
| 65      | 87.3  | 31.4 | 71.4  |       |

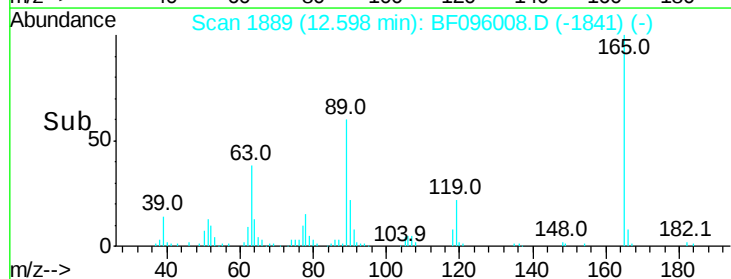
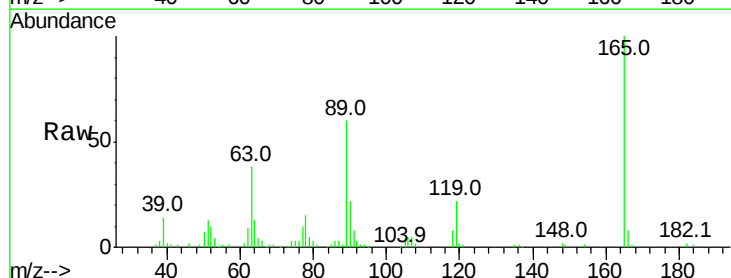
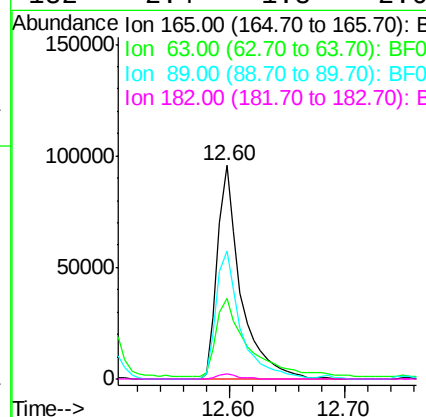
Manual Integrations  
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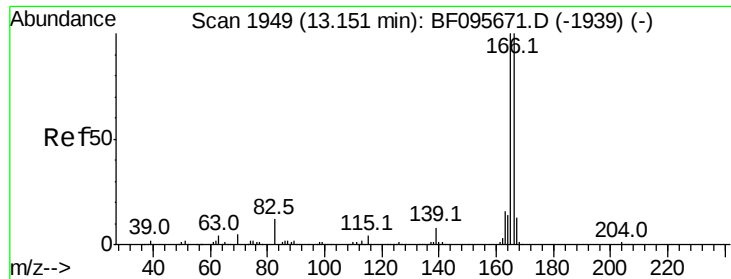
mohammad  
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#56  
2,4-Dinitrotoluene  
Concen: 48.52 ng  
RT: 12.60 min Scan# 1889  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 37.7  | 25.4 | 38.0  |       |
| 89      | 60.1  | 46.4 | 69.6  |       |
| 182     | 2.4   | 1.8  | 2.6   |       |





#57

Fluorene

Concen: 44.56 ng

RT: 13.05 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

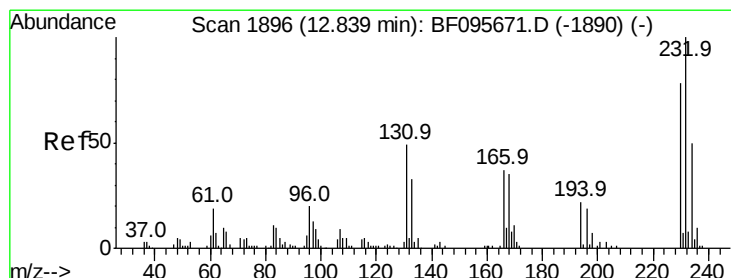
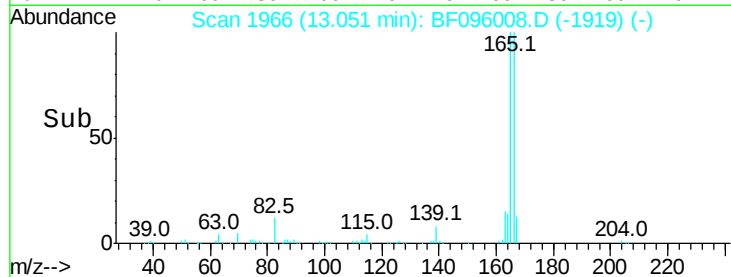
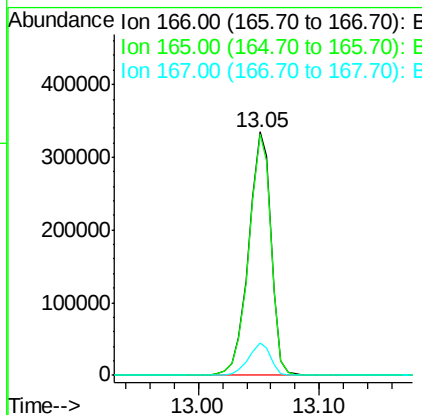
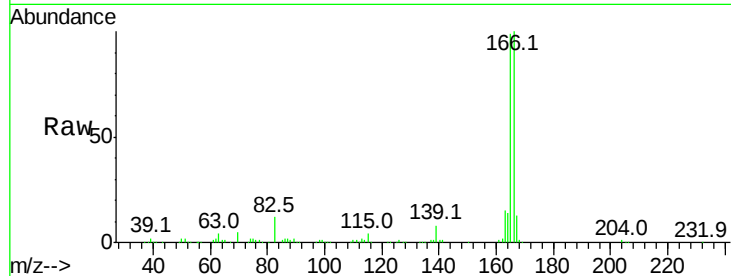
ClientSampleId :

WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.1  | 78.8  | 118.2 |
| 167     | 13.4  | 10.6  | 16.0  |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.71 ng

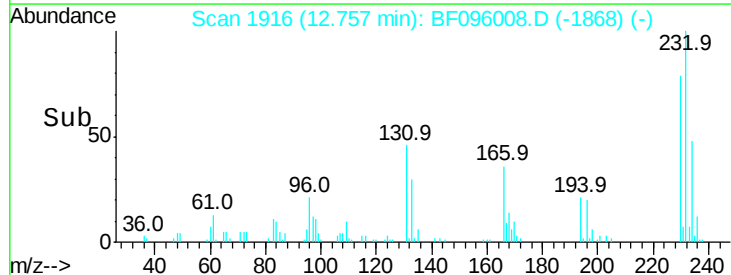
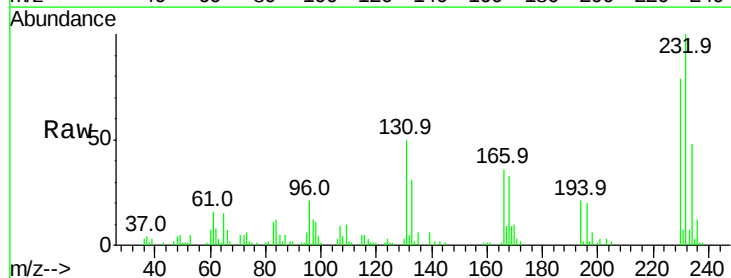
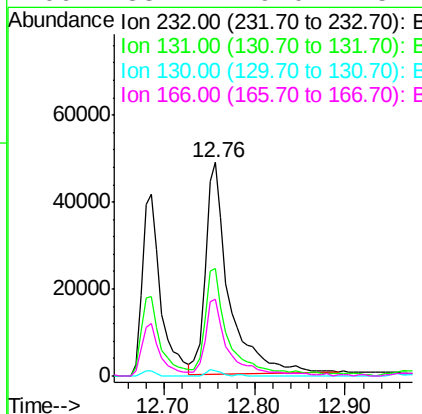
RT: 12.76 min Scan# 1916

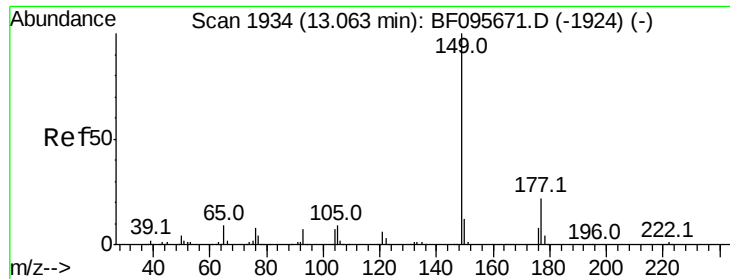
Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 48.3  | 44.8  | 67.2  |
| 130     | 1.9   | 2.3   | 3.5   |
| 166     | 33.2  | 29.0  | 43.4  |





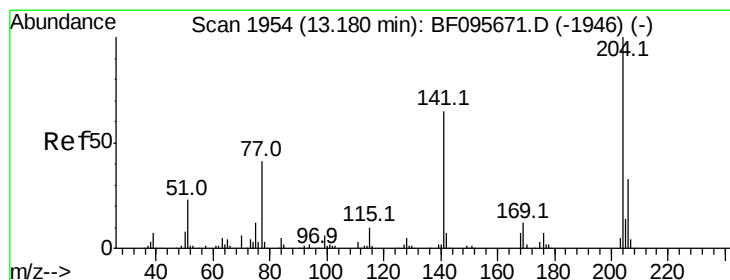
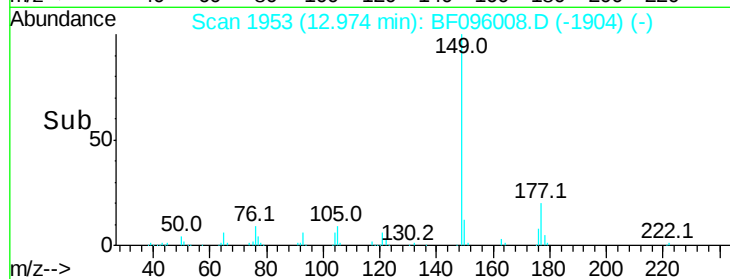
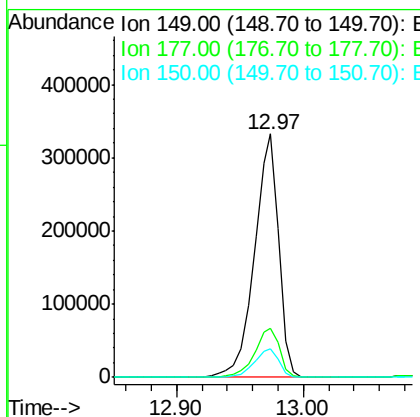
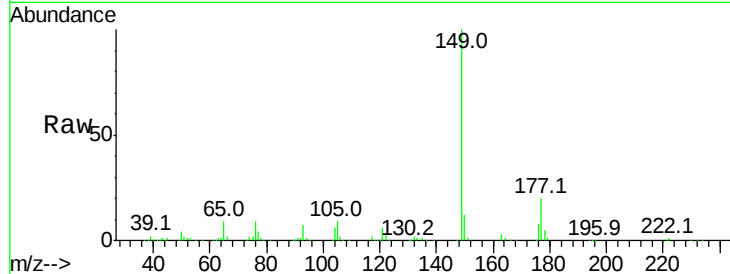
#59  
Diethylphthalate  
Concen: 48.55 ng  
RT: 12.97 min Scan# 1953  
Delta R.T. -0.01 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.4  | 16.7  | 25.1  |
| 150     | 11.9  | 10.2  | 15.2  |

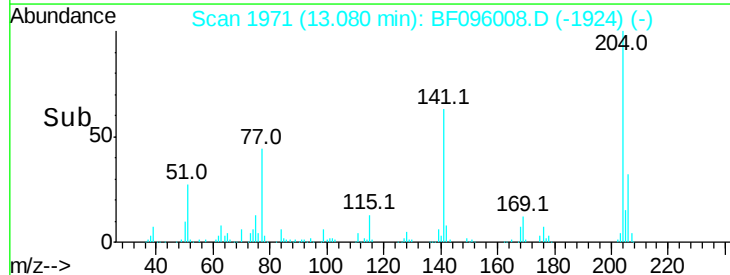
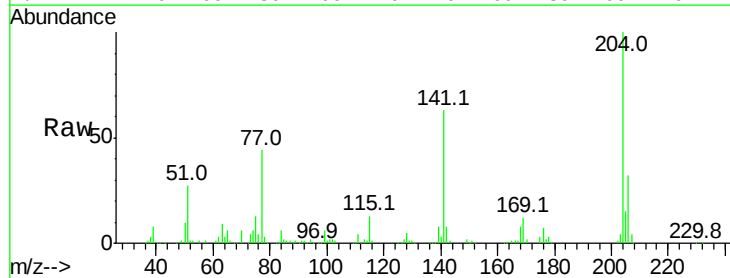
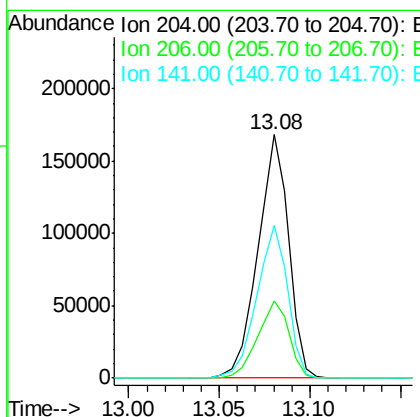
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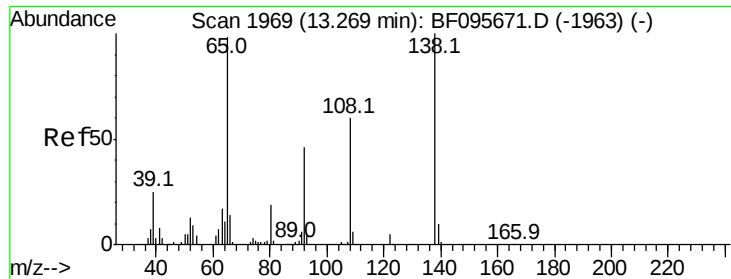
mohammad  
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#60  
4-Chlorophenyl-phenylether  
Concen: 46.70 ng  
RT: 13.08 min Scan# 1971  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.2  | 39.2  |
| 141     | 62.8  | 60.8  | 91.2  |





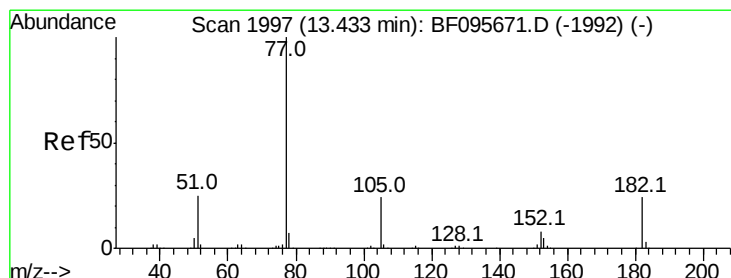
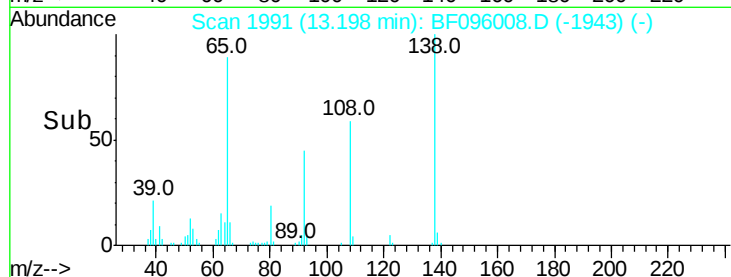
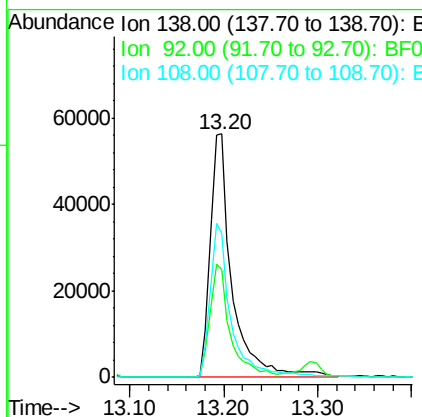
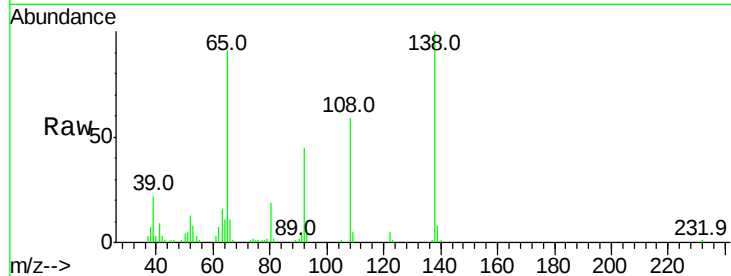
#61  
4-Nitroaniline  
Concen: 41.35 ng  
RT: 13.20 min Scan# 1991  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 44.6  | 21.8  | 61.8  |
| 108     | 59.1  | 42.3  | 82.3  |

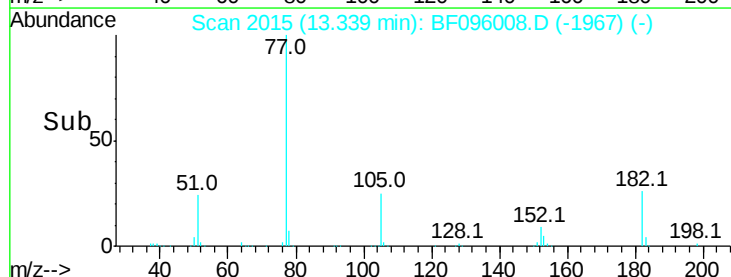
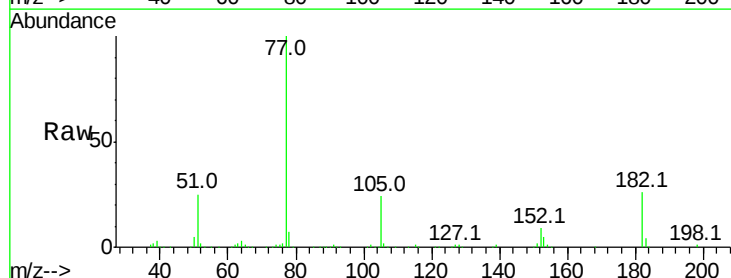
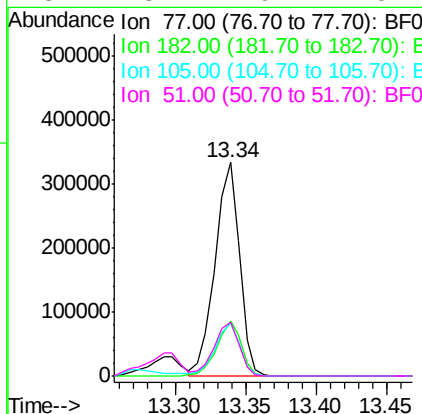
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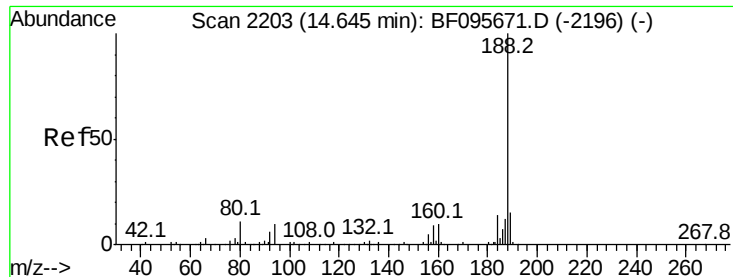
mohammad  
6/20/2017 4:28:51 PM



#62  
Azobenzene  
Concen: 48.72 ng  
RT: 13.34 min Scan# 2015  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.6  | 0.1   | 40.1  |
| 105     | 24.3  | 3.6   | 43.6  |
| 51      | 25.4  | 9.4   | 49.4  |





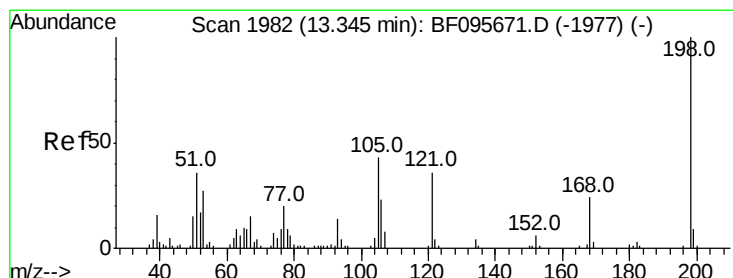
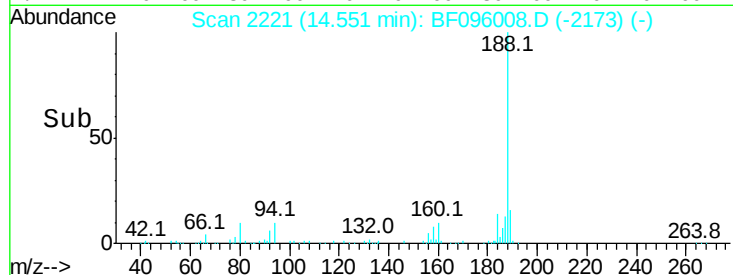
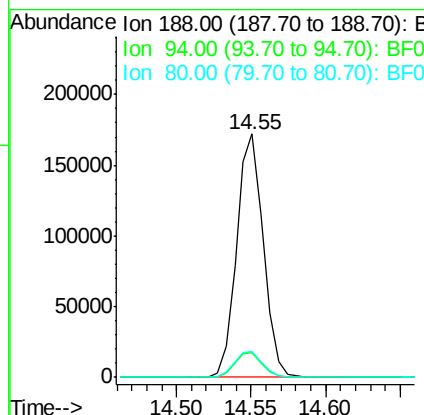
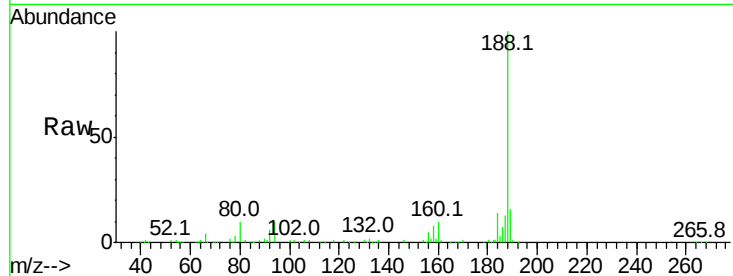
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.55 min Scan# 2221  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 213993 |       |       |
| 94      | 10.0  |        | 9.4   | 14.2  |
| 80      | 10.5  |        | 10.2  | 15.2  |

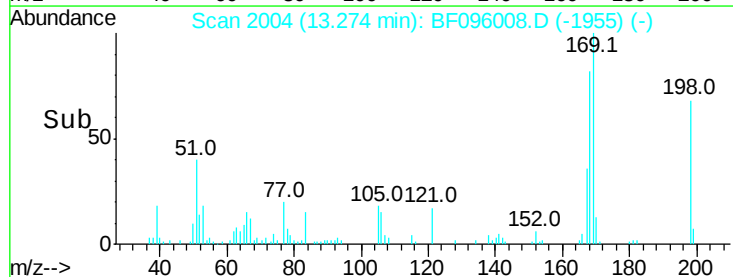
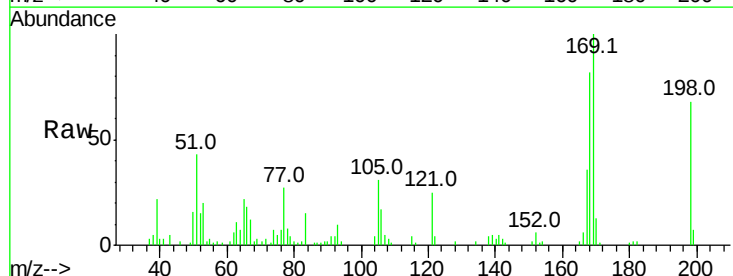
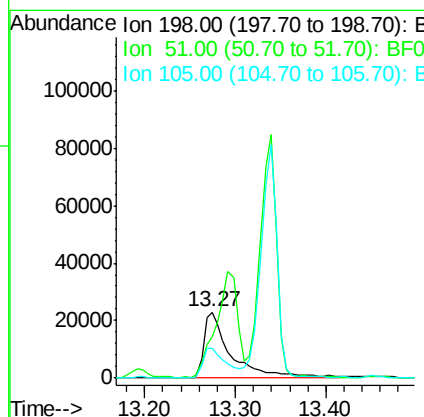
Manual Integrations  
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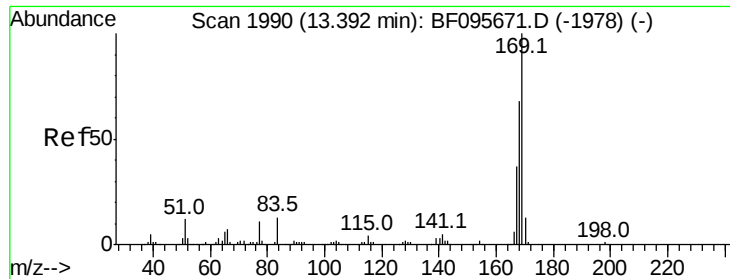
mohammad  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.47 ng  
RT: 13.27 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 48484 |       |       |
| 51      | 63.6  |       | 53.2  | 93.2  |
| 105     | 45.8  |       | 45.8  | 85.8# |





#65

n-Nitrosodiphenylamine

Concen: 48.06 ng

RT: 13.30 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

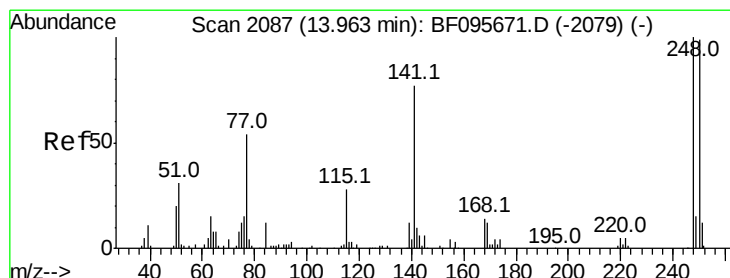
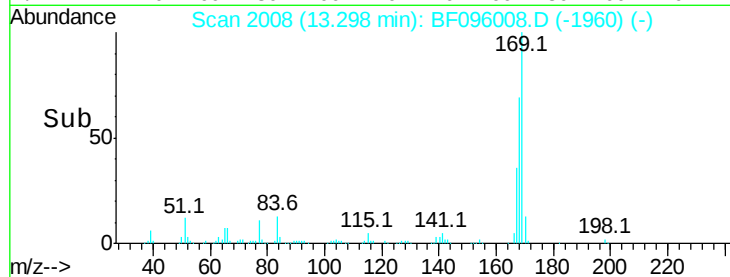
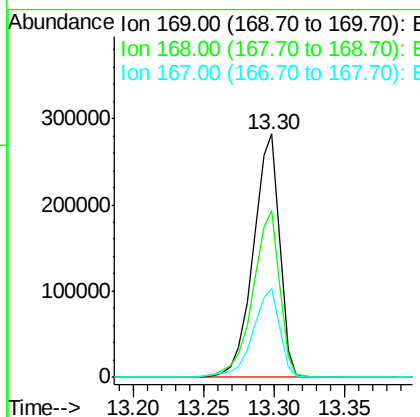
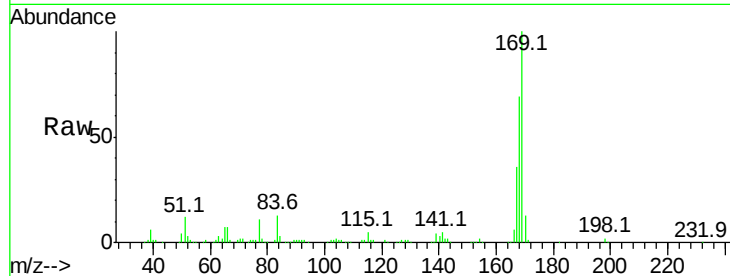
ClientSampleId :

WC061417-1MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 369519 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.5  | 53.2  | 79.8   |
| 167       | 36.4  | 29.5  | 44.3   |

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#66

4-Bromophenyl-phenylether

Concen: 48.61 ng

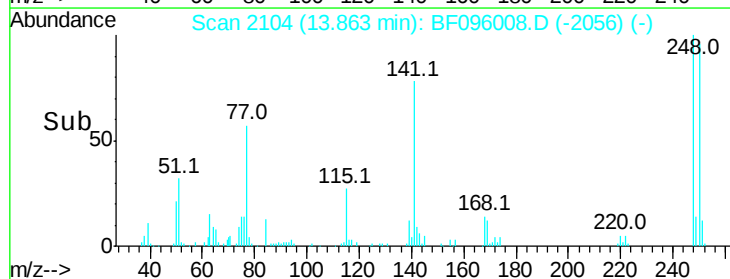
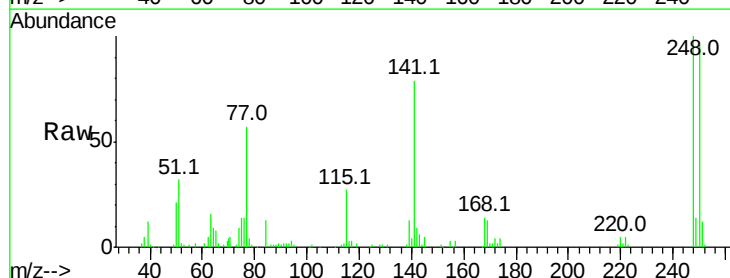
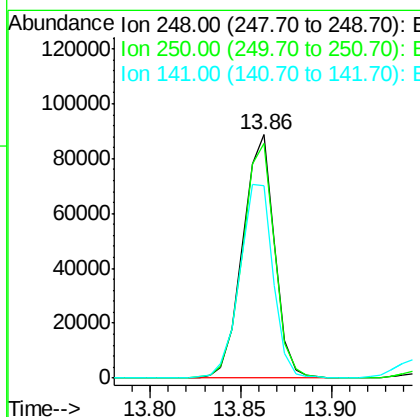
RT: 13.86 min Scan# 2104

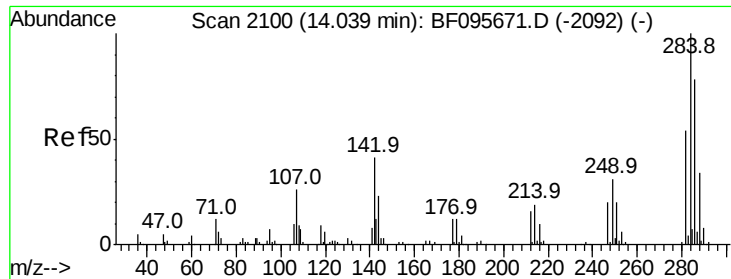
Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 108111 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.3  | 76.8  | 115.2  |
| 141       | 78.9  | 68.6  | 103.0  |





#67

Hexachlorobenzene

Concen: 47.68 ng

RT: 13.94 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

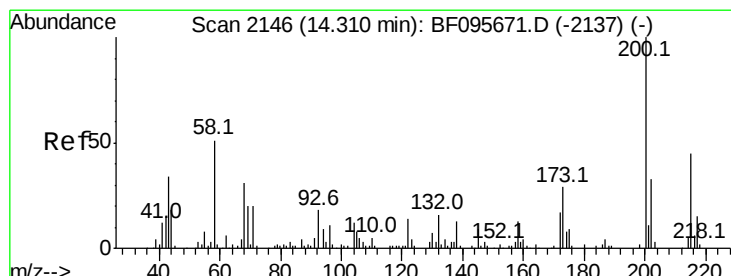
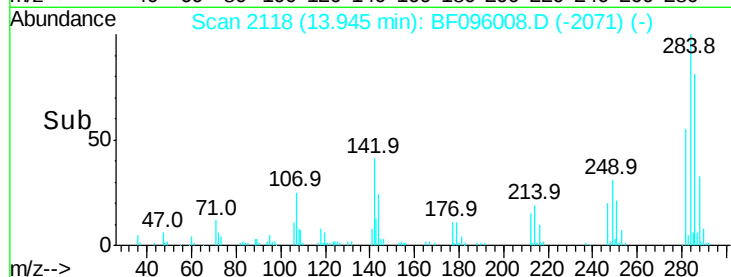
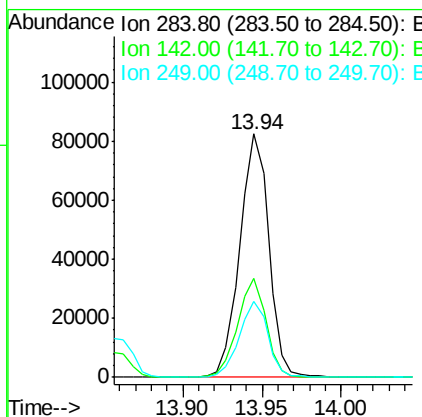
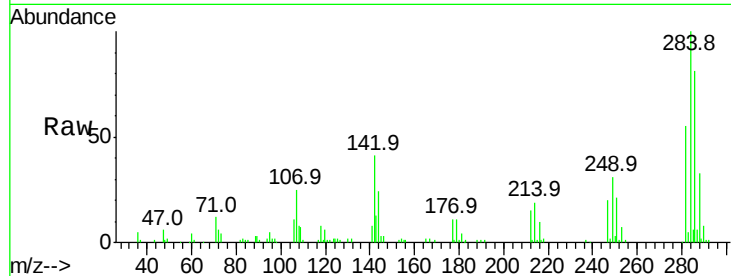
ClientSampleId :

WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 104492 |       |       |
| 142     | 40.6  | 22.8   | 34.2# |       |
| 249     | 31.4  | 24.0   | 36.0  |       |

Manual Integrations  
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#68

Atrazine

Concen: 51.91 ng

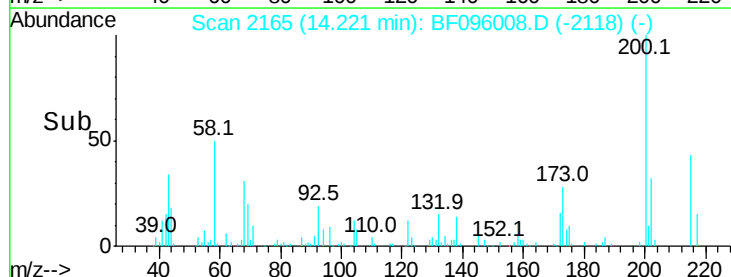
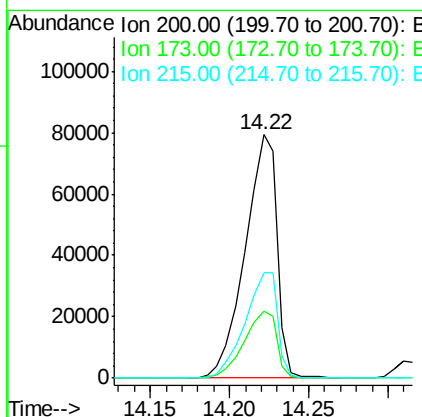
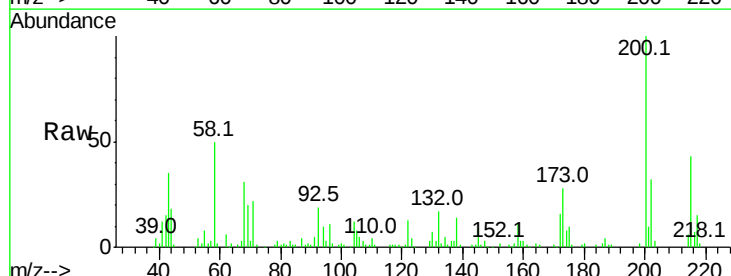
RT: 14.22 min Scan# 2165

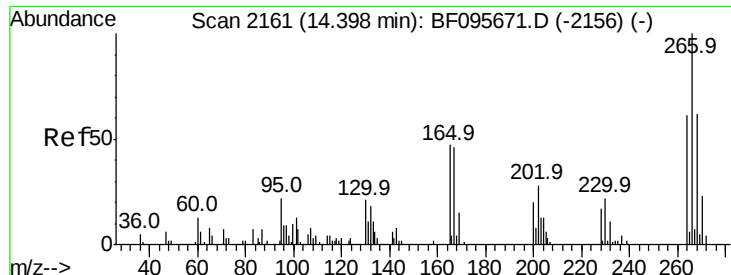
Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 111083 |       |       |
| 173     | 27.5  | 6.3    | 46.3  |       |
| 215     | 43.3  | 27.2   | 67.2  |       |





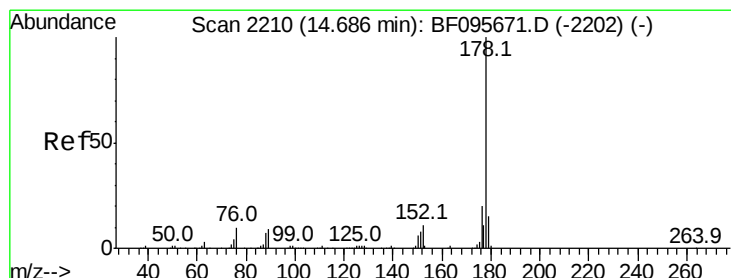
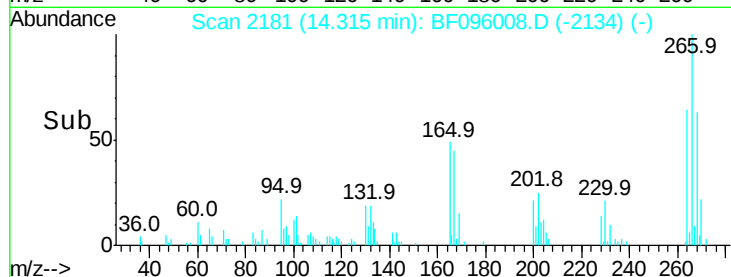
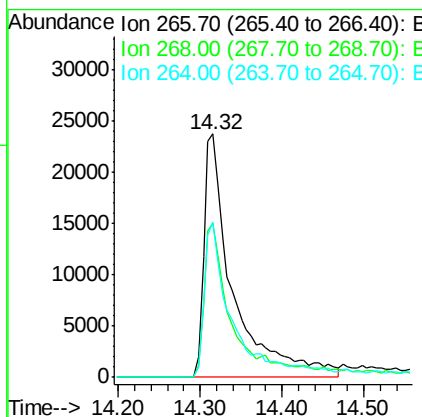
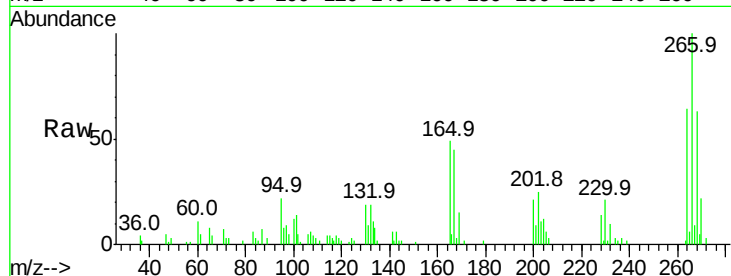
#69  
 Pentachlorophenol  
 Concen: 71.20 ng  
 RT: 14.32 min Scan# 2181  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 58510 |       |       |
| 268     | 63.3  |       | 51.1  | 76.7  |
| 264     | 63.5  |       | 51.7  | 77.5  |

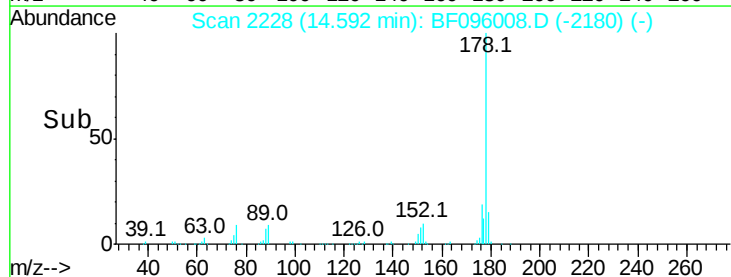
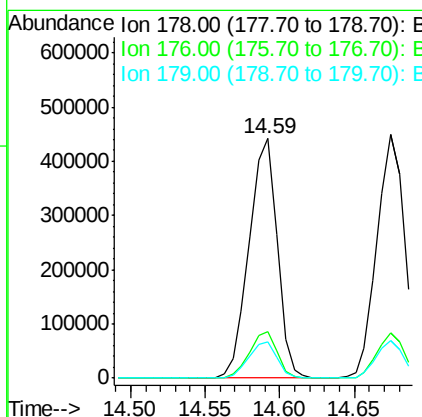
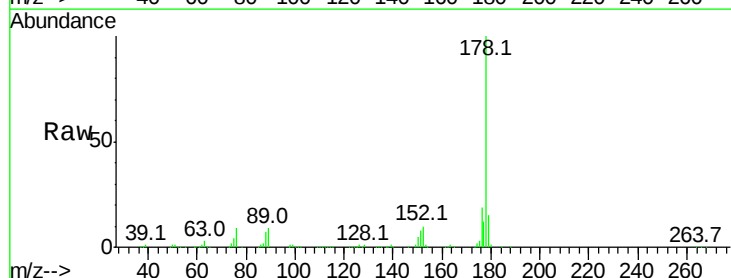
Manual Integrations  
 APPROVED

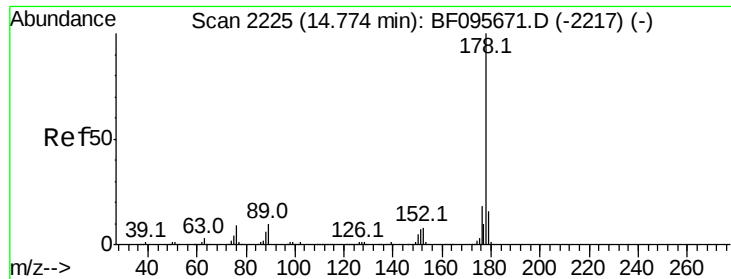
mohammad  
 6/20/2017 4:28:51 PM



#70  
 Phenanthrene  
 Concen: 46.71 ng  
 RT: 14.59 min Scan# 2228  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 576712 |       |       |
| 176     | 19.3  |        | 16.2  | 24.4  |
| 179     | 15.2  |        | 12.6  | 19.0  |





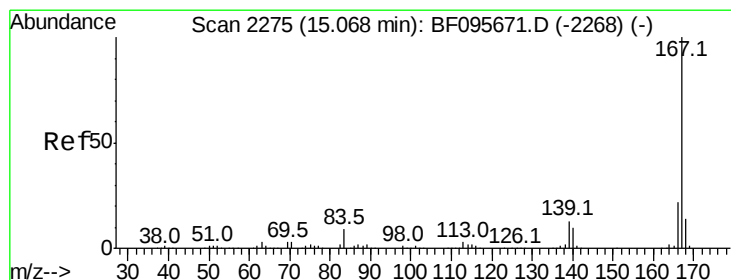
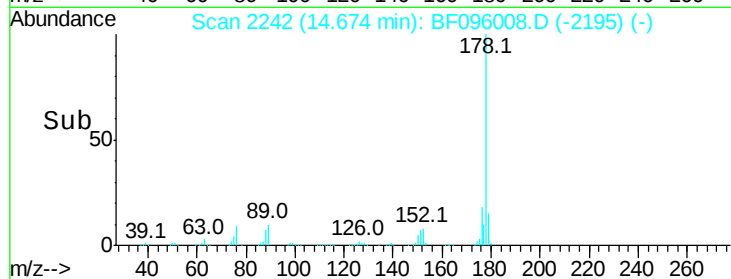
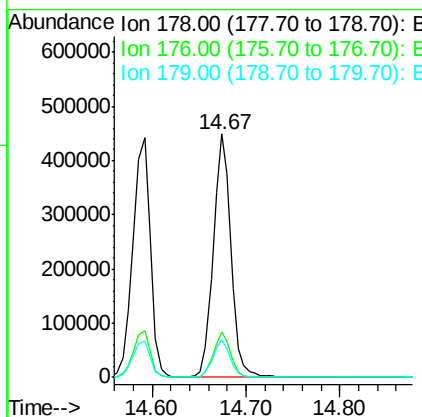
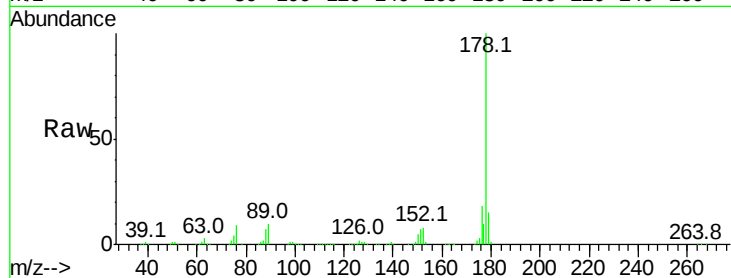
#71  
 Anthracene  
 Concen: 46.08 ng  
 RT: 14.67 min Scan# 2242  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 15.8  | 23.8  |
| 179     | 15.2  | 12.7  | 19.1  |

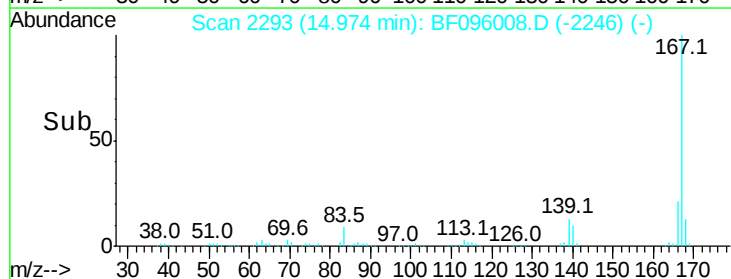
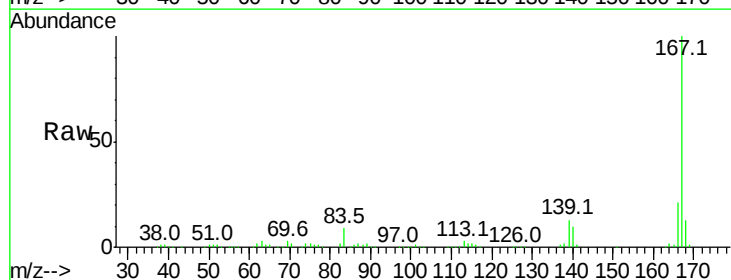
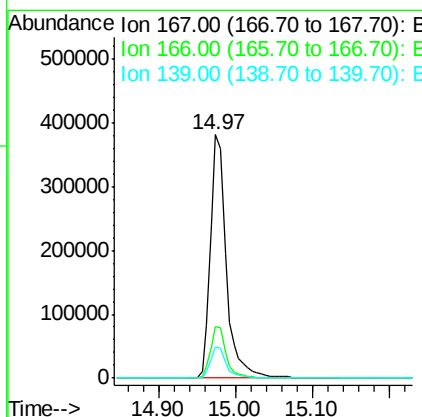
Manual Integrations  
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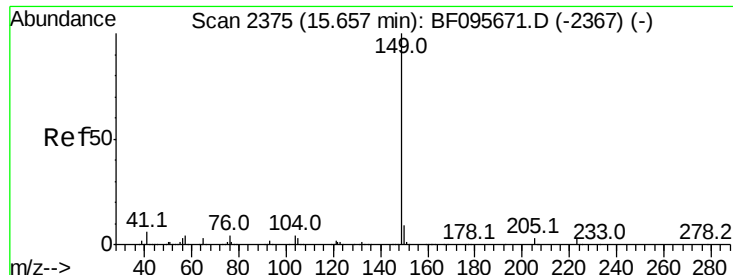
mohammad  
 6/20/2017 4:28:51 PM



#72  
 Carbazole  
 Concen: 43.02 ng  
 RT: 14.97 min Scan# 2293  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 18.1  | 27.1  |
| 139     | 13.0  | 11.7  | 17.5  |





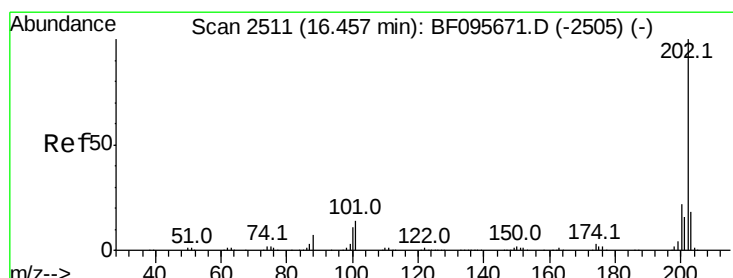
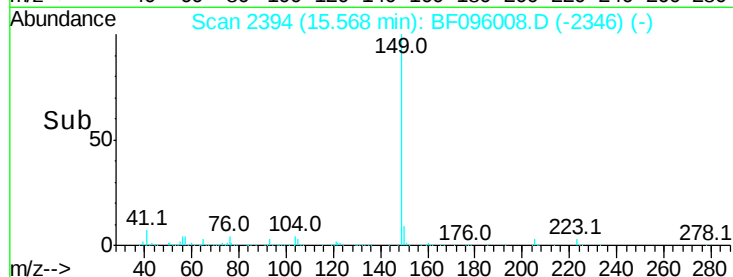
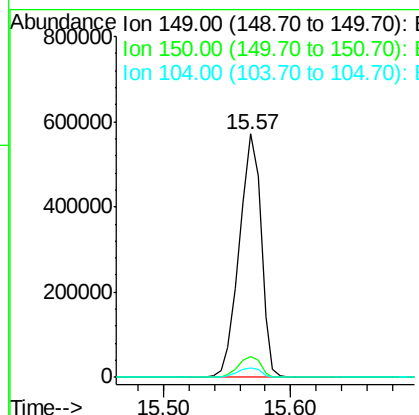
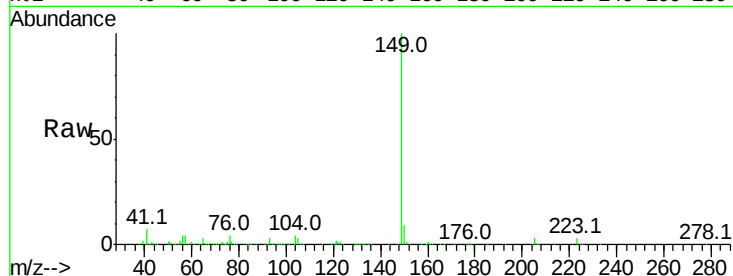
#73  
Di-n-butylphthalate  
Concen: 50.79 ng  
RT: 15.57 min Scan# 2394  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 678810 |       |       |
| 150     | 8.8   |        | 7.7   | 11.5  |
| 104     | 4.1   |        | 4.0   | 6.0   |

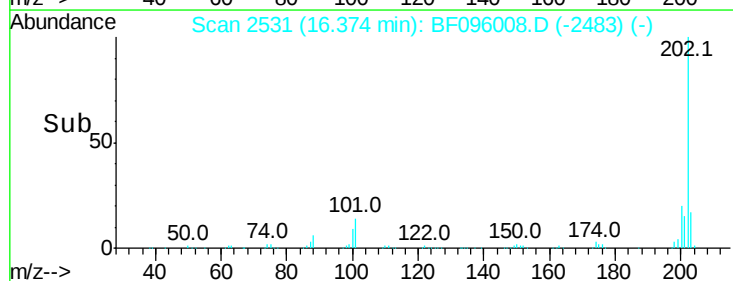
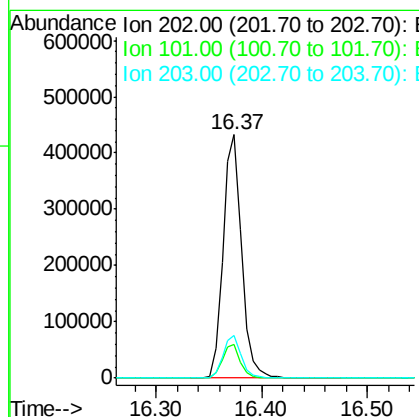
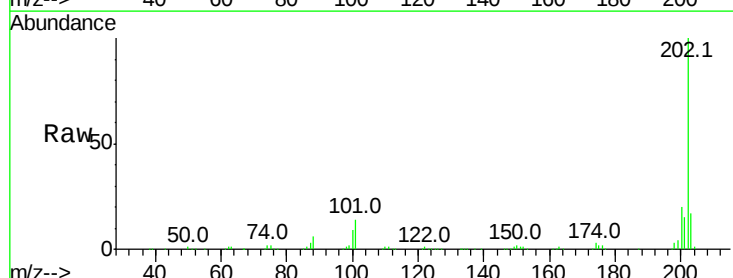
Manual Integrations  
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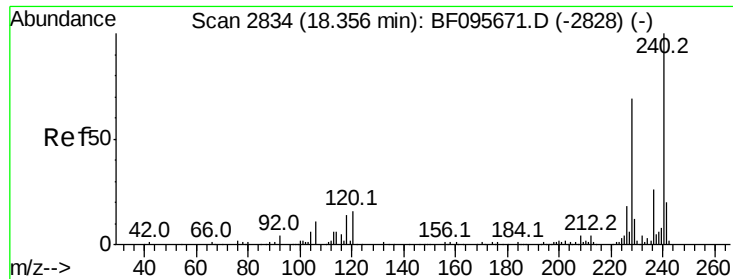
mohammad  
6/20/2017 4:28:51 PM



#74  
Fluoranthene  
Concen: 43.21 ng  
RT: 16.37 min Scan# 2531  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 528065 |       |       |
| 101     | 13.6  |        | 0.0   | 33.2  |
| 203     | 17.4  |        | 0.0   | 38.1  |





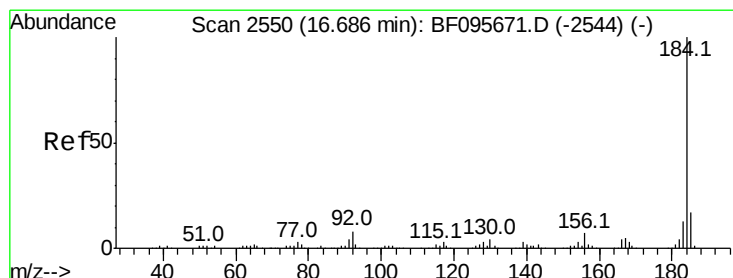
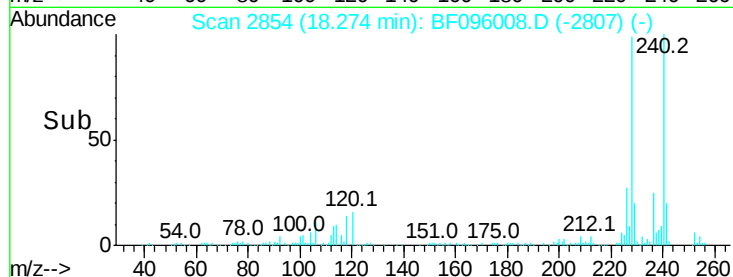
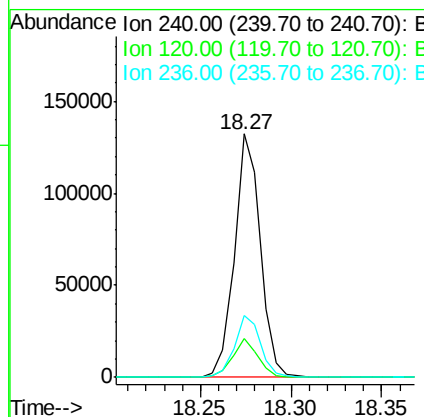
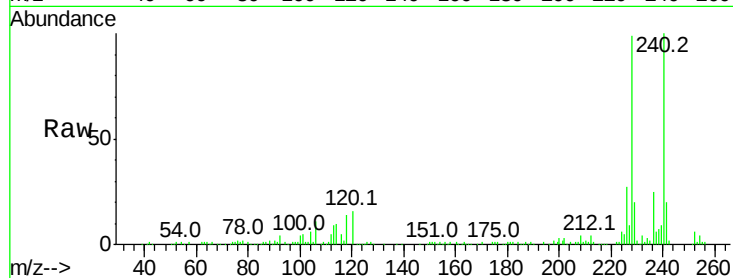
#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 18.27 min Scan# 2854  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 16.1  | 5.8   | 8.8#  |
| 236     | 25.2  | 20.5  | 30.7  |

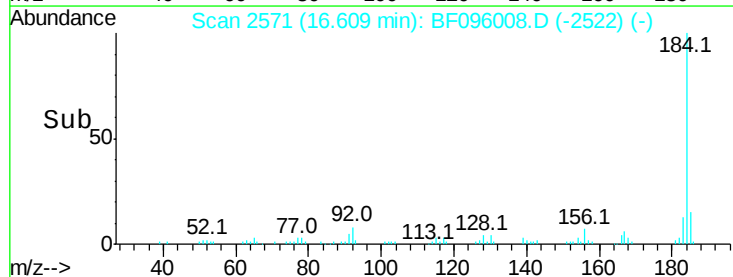
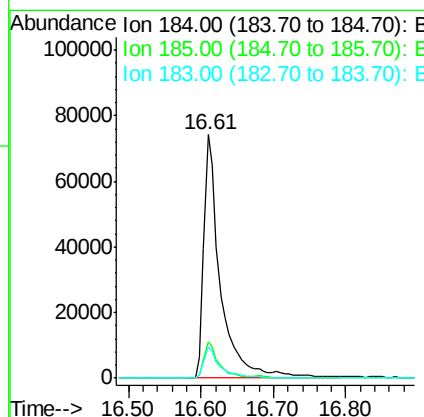
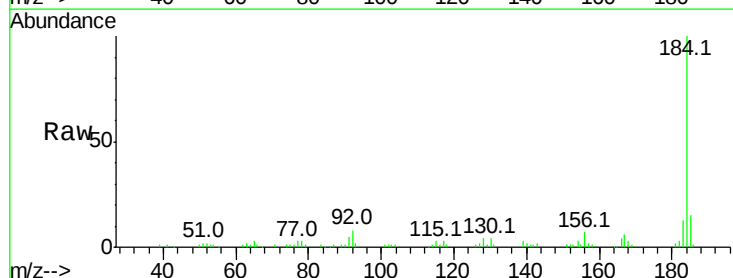
Manual Integrations  
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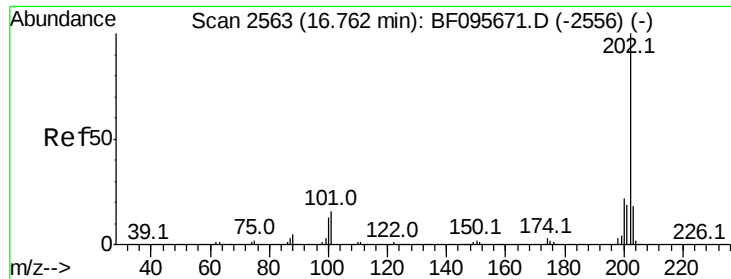
mohammad  
 6/20/2017 4:28:51 PM



#76  
 Benzidine  
 Concen: 23.64 ng  
 RT: 16.61 min Scan# 2571  
 Delta R.T. -0.01 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.0  | 15.5  | 23.3# |
| 183     | 12.7  | 9.8   | 14.6  |





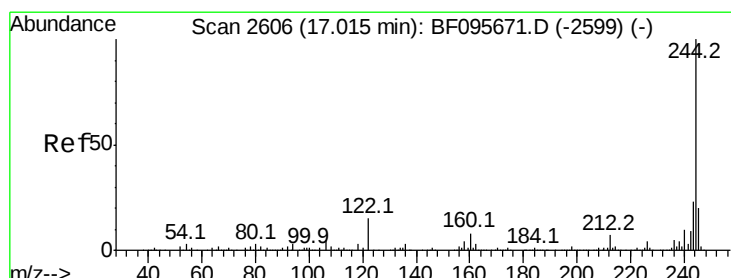
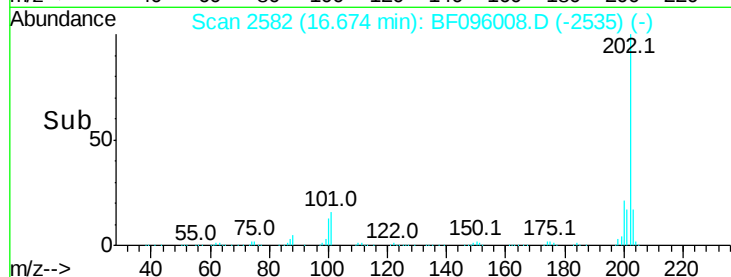
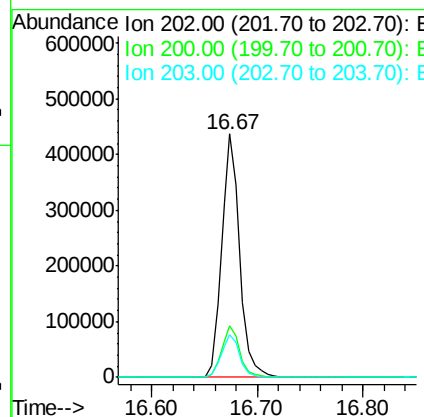
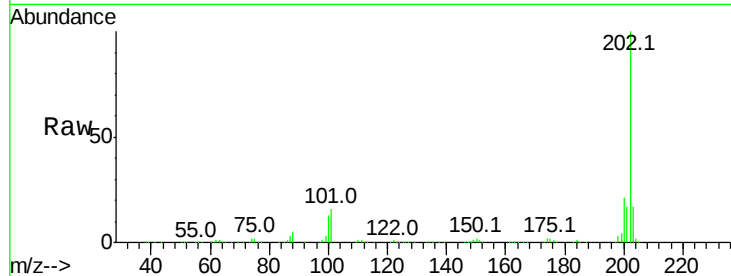
#77  
Pvrene  
Concen: 53.34 ng  
RT: 16.67 min Scan# 2582  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.1  | 17.6  | 26.4  |
| 203     | 17.4  | 14.4  | 21.6  |

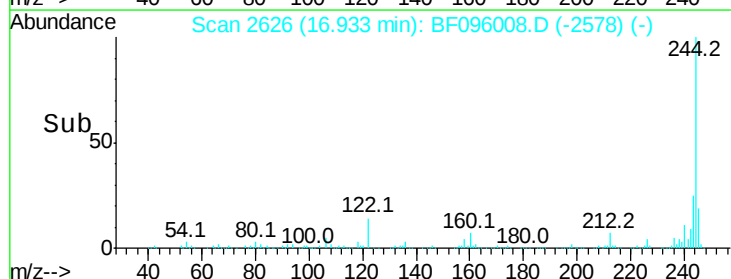
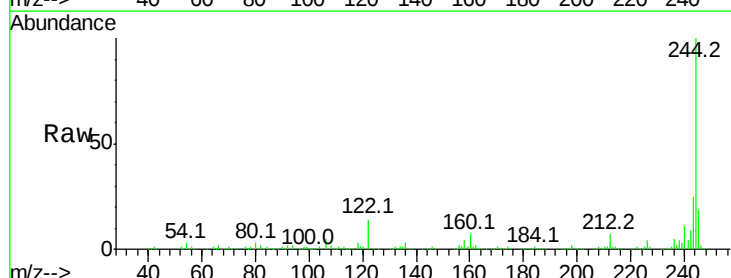
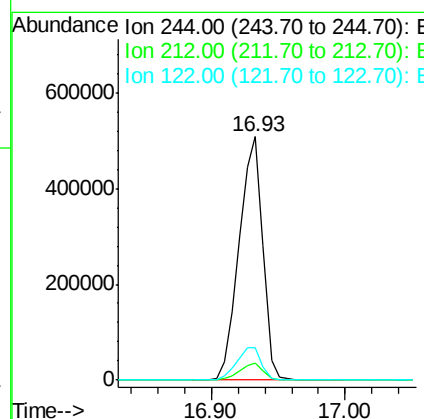
Manual Integrations  
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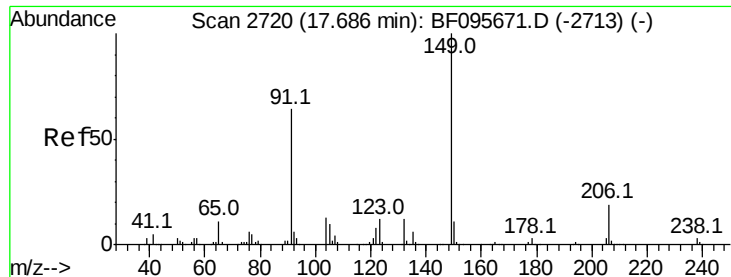
mohammad  
6/20/2017 4:28:51 PM



#78  
Terphenyl-d14  
Concen: 118.52 ng  
RT: 16.93 min Scan# 2626  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 6.0   | 9.0   |
| 122     | 13.6  | 10.3  | 15.5  |





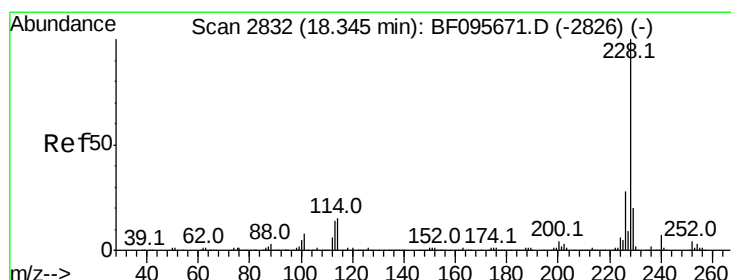
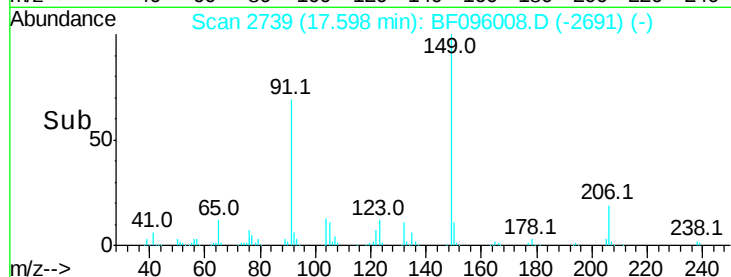
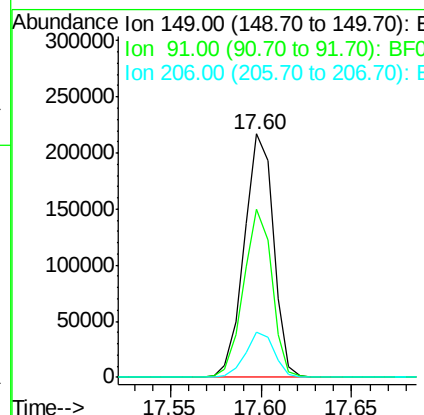
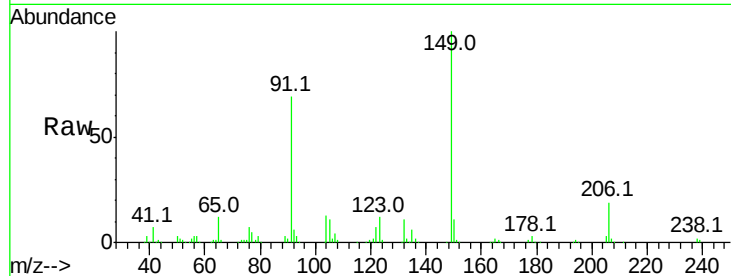
#79  
Butylbenzylphthalate  
Concen: 57.03 ng  
RT: 17.60 min Scan# 2739  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 69.0  | 45.0       | 67.4# |
| 206     | 18.5  | 17.0       | 25.6  |

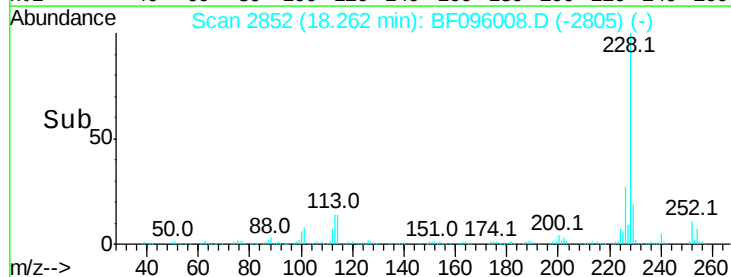
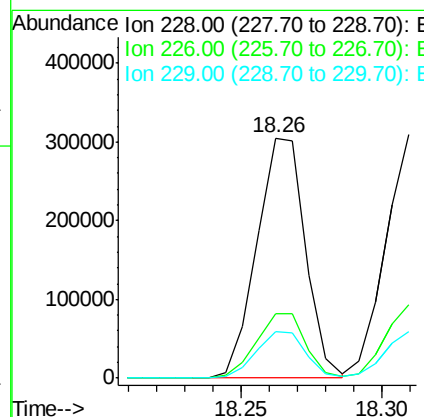
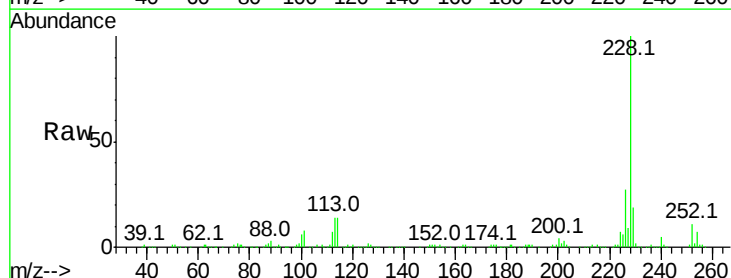
Manual Integrations  
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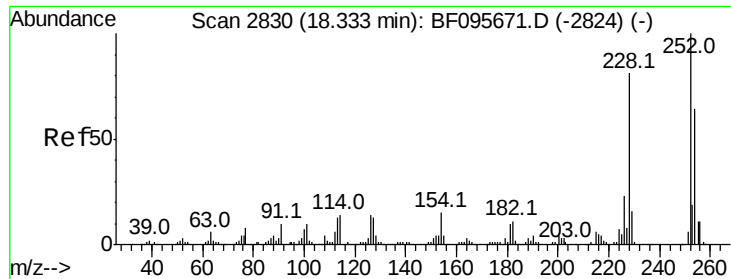
mohammad  
6/20/2017 4:28:51 PM



#80  
Benzo(a)anthracene  
Concen: 47.66 ng  
RT: 18.26 min Scan# 2852  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 27.1  | 22.6       | 33.8  |
| 229     | 19.3  | 16.3       | 24.5  |





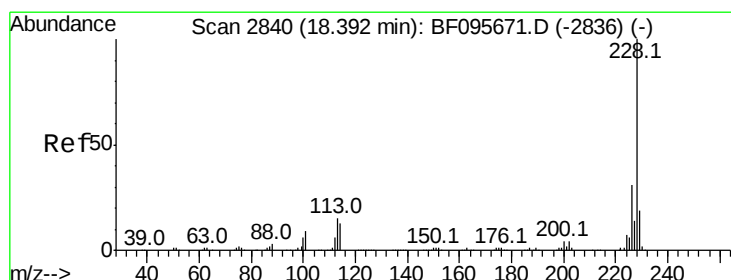
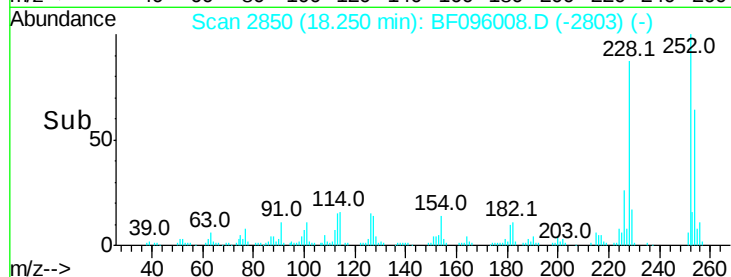
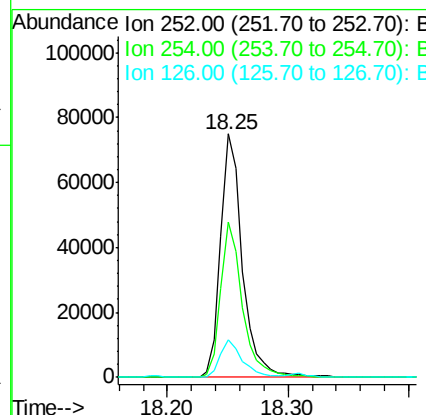
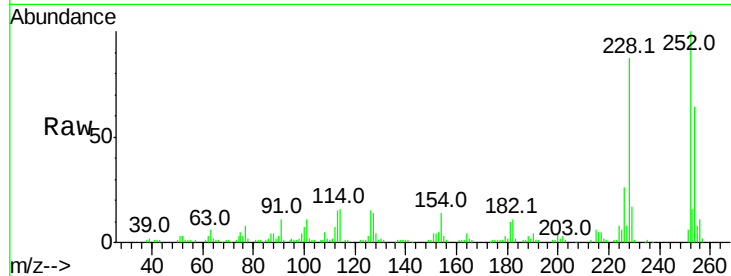
#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.46 ng  
 RT: 18.25 min Scan# 2850  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.6  | 51.5  | 77.3  |
| 126     | 15.2  | 15.8  | 23.8  |

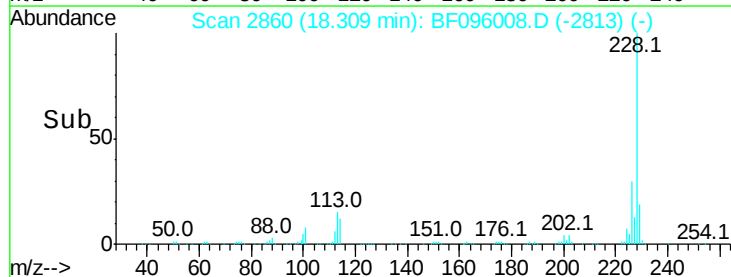
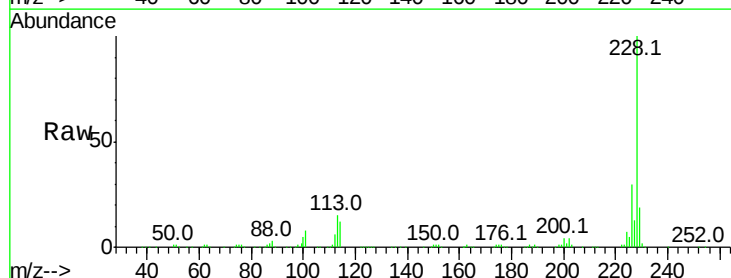
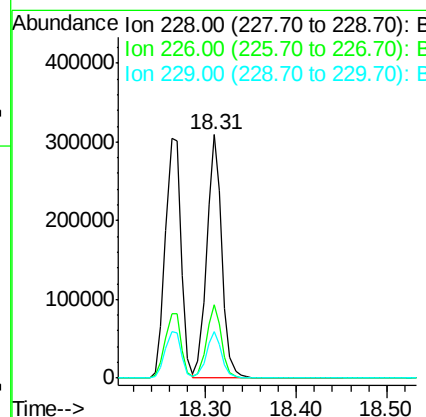
Manual Integrations  
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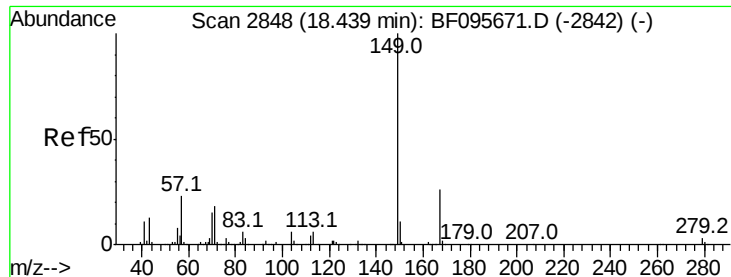
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#82  
 Chrysene  
 Concen: 47.50 ng  
 RT: 18.31 min Scan# 2860  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.9  | 24.9  | 37.3  |
| 229     | 19.3  | 15.8  | 23.6  |





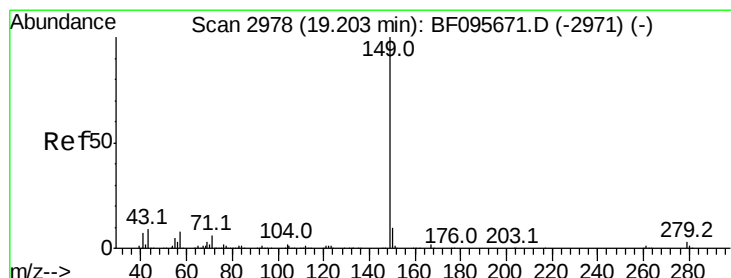
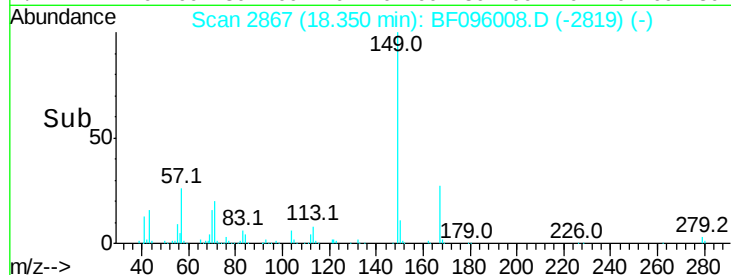
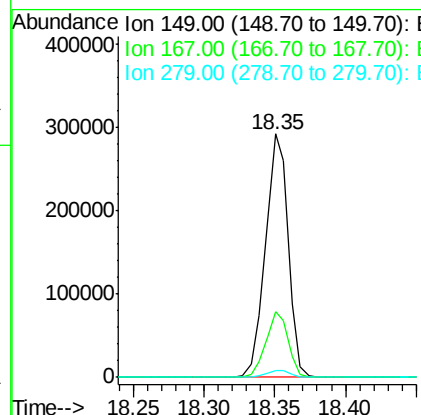
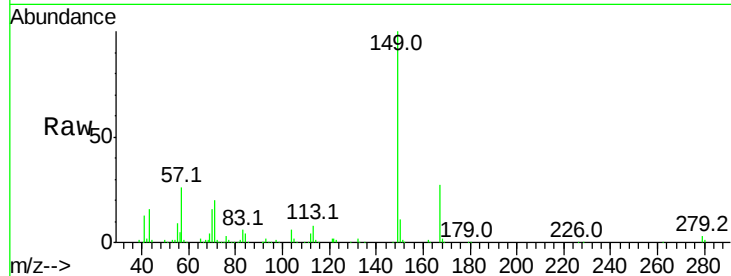
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 55.41 ng  
 RT: 18.35 min Scan# 2867  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 26.8  | 21.0 | 31.4  |       |
| 279     | 3.0   | 1.9  | 2.9   |       |

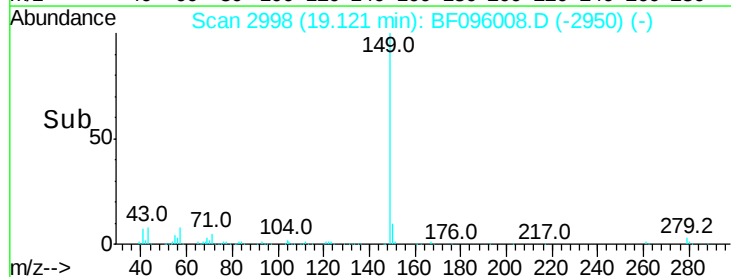
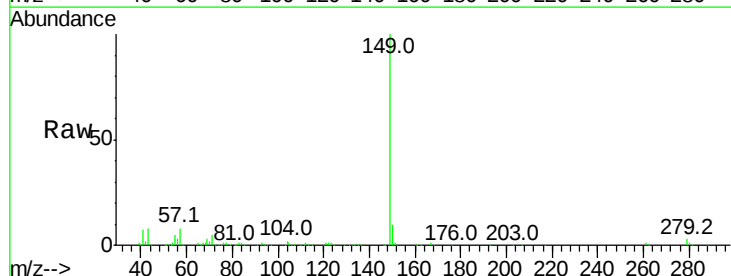
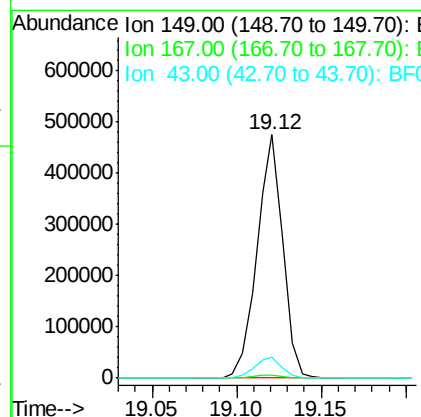
Manual Integrations  
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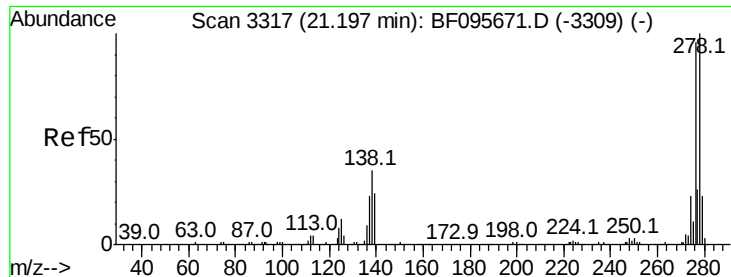
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#84  
 Di-n-octyl phthalate  
 Concen: 50.82 ng  
 RT: 19.12 min Scan# 2998  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.5   | 1.2  | 1.8   |       |
| 43      | 8.8   | 8.5  | 12.7  |       |





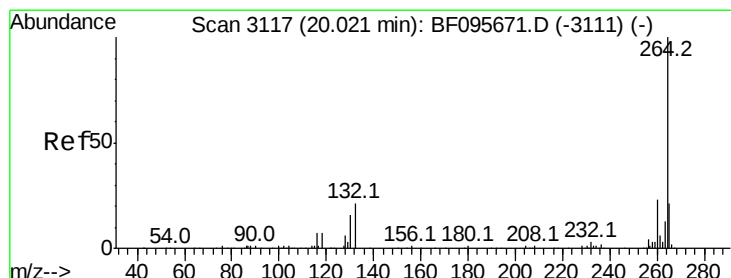
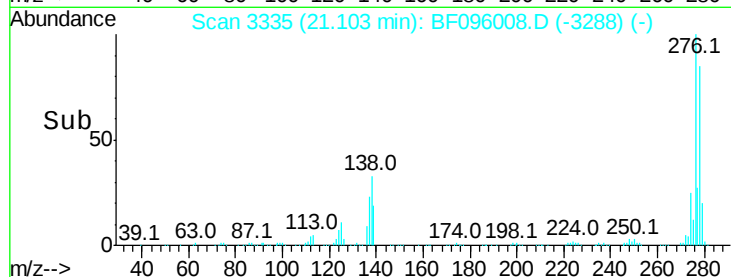
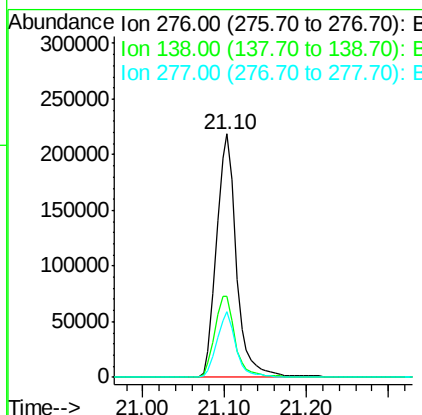
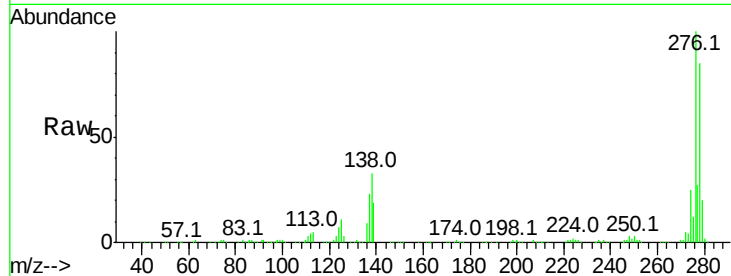
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 57.09 ng  
RT: 21.10 min Scan# 3335  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 371830 |       |       |
| 138     | 34.5  | 27.8   | 41.6  |       |
| 277     | 25.8  | 20.2   | 30.4  |       |

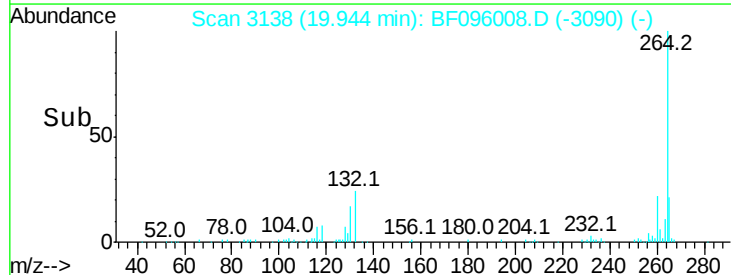
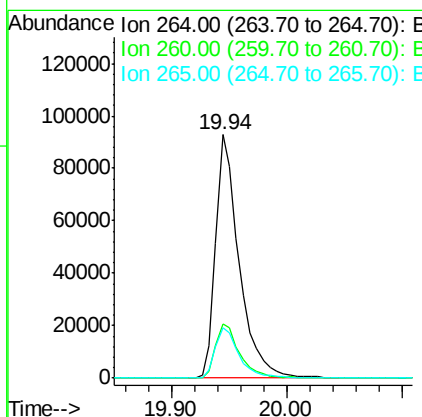
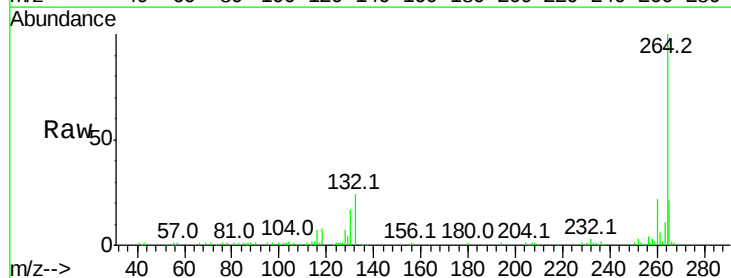
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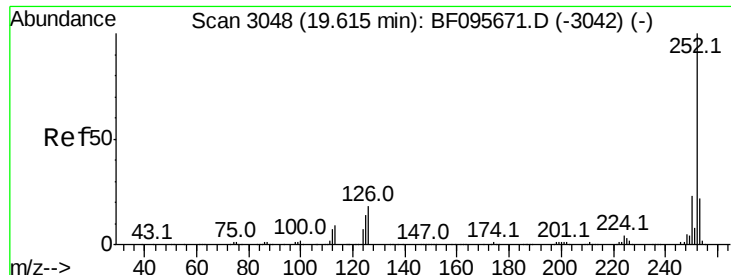
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 19.94 min Scan# 3138  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 130779 |       |       |
| 260     | 22.0  | 19.5   | 29.3  |       |
| 265     | 20.9  | 17.2   | 25.8  |       |





#87

Benzo(b)fluoranthene

Concen: 45.03 ng

RT: 19.54 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

Instrument :

BNA\_F

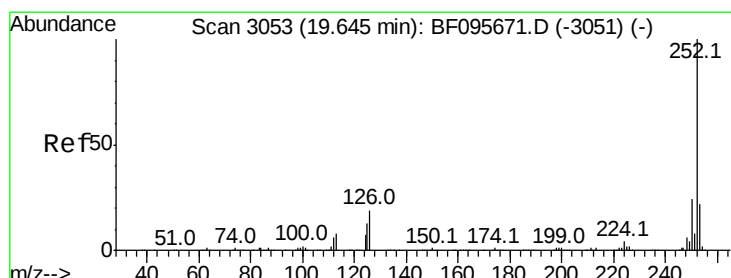
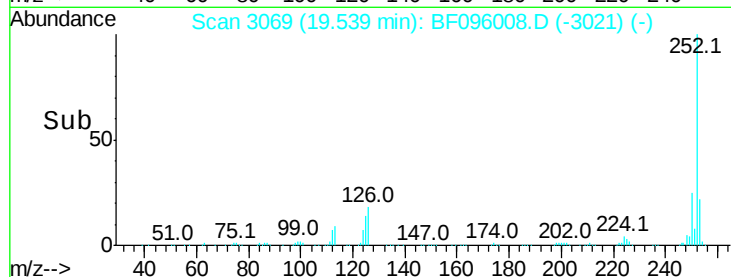
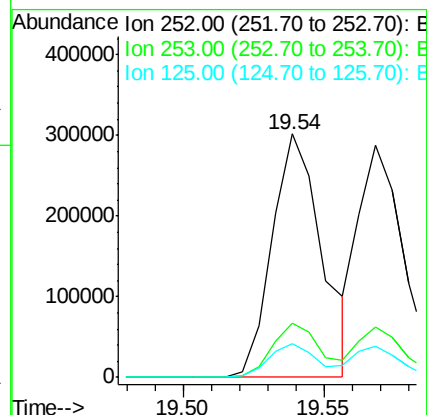
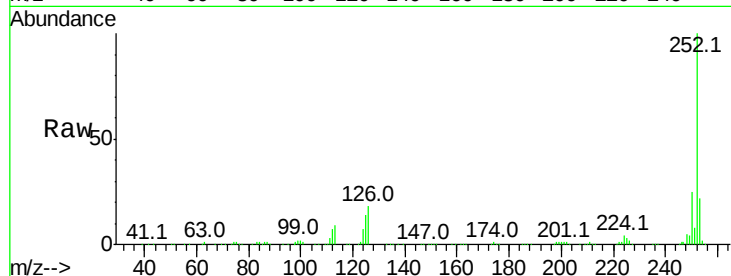
ClientSampleId :

WC061417-1MS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:252 | Resp: | 368775    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.2  | 18.1 27.1 |
| 125         | 13.7  | 9.8 14.8  |

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#88

Benzo(k)fluoranthene

Concen: 42.35 ng

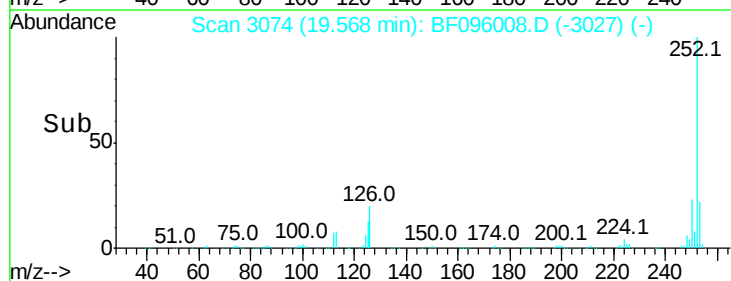
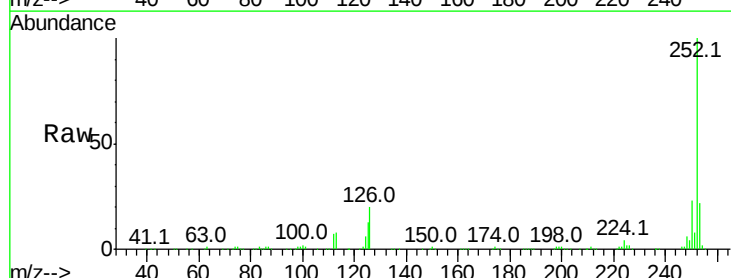
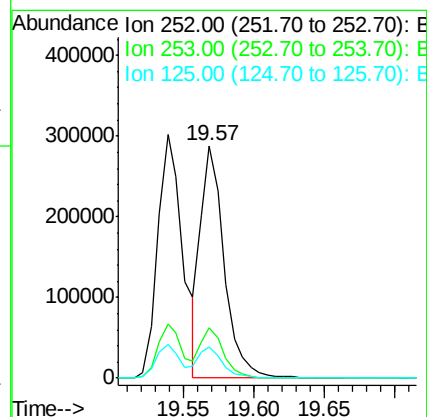
RT: 19.57 min Scan# 3074

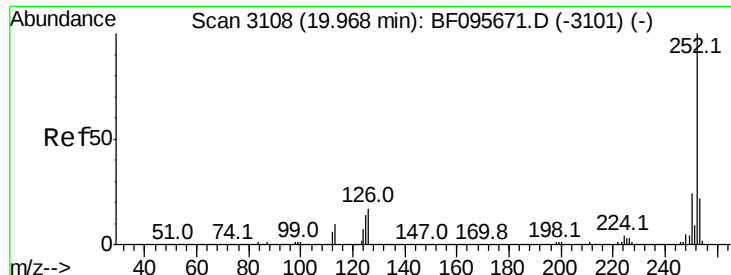
Delta R.T. -0.02 min

Lab File: BF096008.D

Acq: 19 Jun 2017 16:12

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 331512    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 21.8  | 18.4 27.6 |
| 125         | 13.3  | 13.1 19.7 |





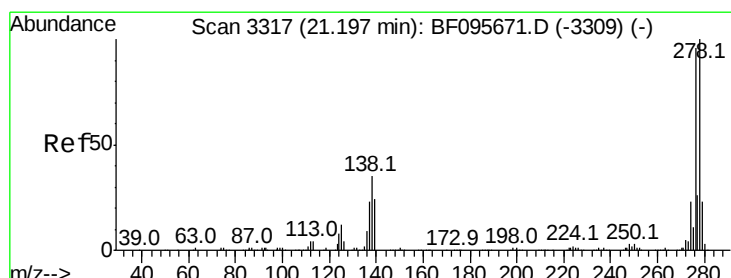
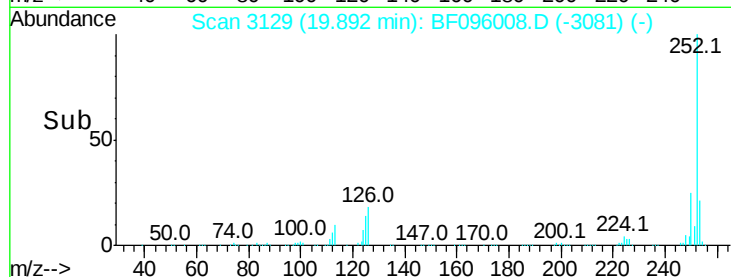
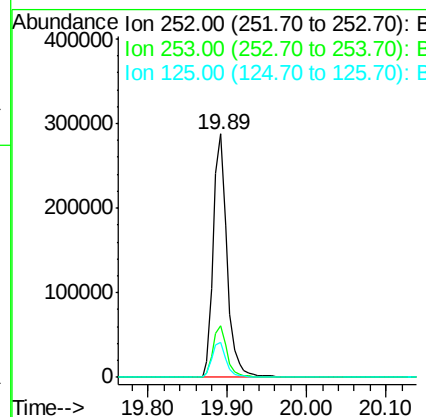
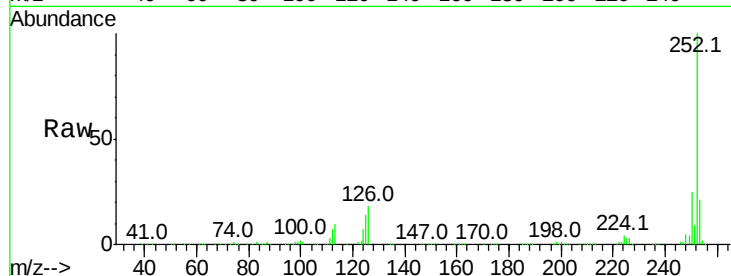
#89  
Benzo(a)pyrene  
Concen: 46.36 ng  
RT: 19.89 min Scan# 3129  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

Instrument :  
BNA\_F  
ClientSampleId :  
WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.5  | 26.3  |
| 125     | 14.3  | 11.0  | 16.4  |

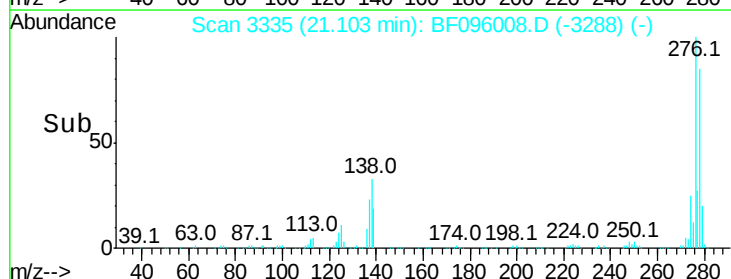
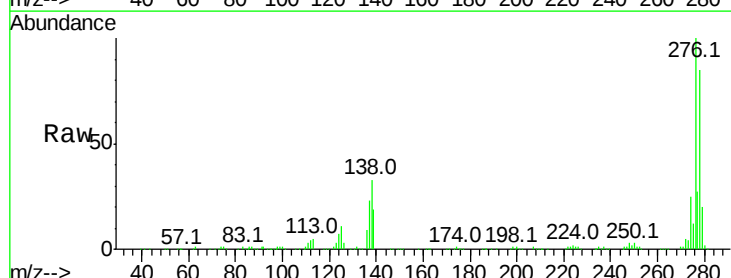
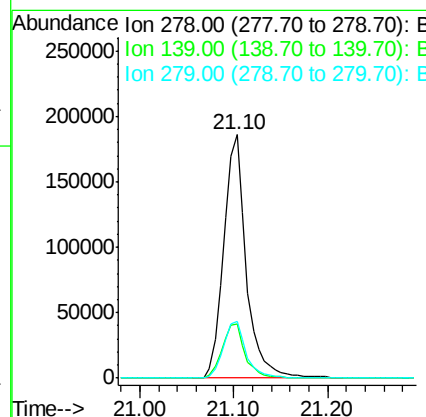
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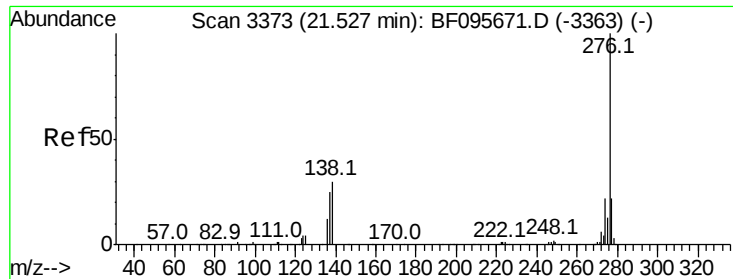
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#90  
Dibenzo(a,h)anthracene  
Concen: 48.84 ng  
RT: 21.10 min Scan# 3335  
Delta R.T. -0.02 min  
Lab File: BF096008.D  
Acq: 19 Jun 2017 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.3  | 16.6  | 24.8  |
| 279     | 23.3  | 19.3  | 28.9  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 48.28 ng  
 RT: 21.42 min Scan# 3389  
 Delta R.T. -0.02 min  
 Lab File: BF096008.D  
 Acq: 19 Jun 2017 16:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC061417-1MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.9  | 18.6  | 28.0  |
| 138     | 31.1  | 25.4  | 38.0  |

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