

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\  
 Data File : BF095093.D  
 Acq On : 11 May 2017 22:17  
 Operator : SJ/MA  
 Sample : I3062-14MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

Manual Integrations  
 APPROVED

mohammad  
 5/12/2017 3:36:09 PM

Quant Time: May 12 04:14:29 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 79688    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 9.72  | 136  | 359971   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 12.55 | 164  | 170995   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 14.96 | 188  | 309216   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 18.63 | 240  | 226124   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 20.29 | 264  | 171840   | 20.00 | ng    | -0.02    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.66  | 112 | 853128  | 178.49 | ng | -0.02 |
| 7) Phenol-d6                | 7.26  | 99  | 1010197 | 176.15 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.61  | 82  | 568078  | 99.51  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 13.86 | 330 | 230174  | 164.36 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 11.50 | 172 | 1158571 | 97.52  | ng | -0.03 |
| 78) Terphenyl-d14           | 17.28 | 244 | 926792  | 90.27  | ng | -0.03 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.10  | 88  | 112576 | 48.02 | ng | 93     |
| 3) Pyridine                    | 2.78  | 79  | 256334 | 47.18 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 2.70  | 42  | 117265 | 51.78 | ng | 88     |
| 6) Aniline                     | 7.21  | 93  | 215890 | 29.82 | ng | 95     |
| 8) 2-Chlorophenol              | 7.40  | 128 | 325686 | 59.87 | ng | 96     |
| 9) Benzaldehyde                | 7.05  | 77  | 33174  | 9.47  | ng | 98     |
| 10) Phenol                     | 7.28  | 94  | 366892 | 60.71 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.34  | 93  | 281499 | 56.42 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.61  | 146 | 307241 | 49.79 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146 | 316878 | 50.63 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.97  | 146 | 312399 | 53.48 | ng | 97     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 239586 | 64.95 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 355313 | 50.32 | ng | 95     |
| 17) 2-Methylphenol             | 8.22  | 107 | 248270 | 55.76 | ng | 96     |
| 18) Hexachloroethane           | 8.48  | 117 | 108358 | 51.11 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.42  | 70  | 213898 | 55.15 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.48  | 107 | 325713 | 53.84 | ng | # 57   |
| 22) Acetophenone               | 8.38  | 105 | 426374 | 49.37 | ng | # 83   |
| 24) Nitrobenzene               | 8.64  | 77  | 296913 | 49.62 | ng | 92     |
| 25) Isophorone                 | 9.04  | 82  | 542783 | 53.25 | ng | # 94   |
| 26) 2-Nitrophenol              | 9.15  | 139 | 172765 | 53.51 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.28  | 122 | 276432 | 52.96 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.41  | 93  | 358187 | 50.80 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 9.57  | 162 | 272411 | 55.27 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 9.65  | 180 | 269230 | 50.99 | ng | 97     |
| 31) Naphthalene                | 9.76  | 128 | 916881 | 50.68 | ng | 100    |
| 32) Benzoic acid               | 9.55  | 122 | 23174  | 11.13 | ng | 95     |
| 33) 4-Chloroaniline            | 9.93  | 127 | 52177  | 7.74  | ng | # 90   |
| 34) Hexachlorobutadiene        | 9.98  | 225 | 135094 | 48.49 | ng | 98     |
| 35) Caprolactam                | 10.54 | 113 | 86572m | 58.49 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.77 | 107 | 294232 | 55.83 | ng | 89     |
| 37) 2-Methylnaphthalene        | 10.88 | 142 | 646367 | 54.44 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 11.17 | 216 | 254469 | 48.39 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 11.14 | 237 | 187540 | 84.47 | ng | 99     |

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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

Manual Integrations  
 APPROVED

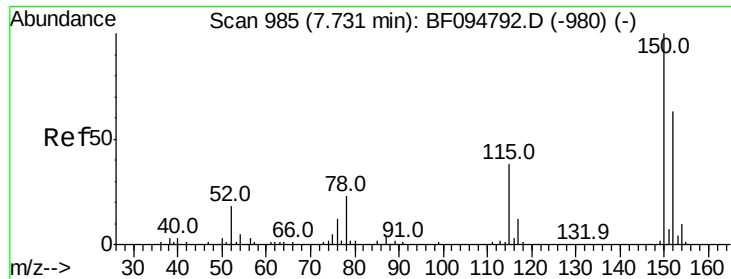
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 5/12/2017 3:36:09 PM

Quant Time: May 12 04:14:29 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.39 | 196  | 185638   | 52.87  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 11.48 | 196  | 179272   | 47.51  | nq    | 92       |
| 45) 1,1'-Biphenyl              | 11.65 | 154  | 720766   | 50.06  | nq    | 97       |
| 46) 2-Chloronaphthalene        | 11.67 | 162  | 583496   | 50.19  | nq    | 96       |
| 47) 2-Nitroaniline             | 11.88 | 65   | 166056   | 52.19  | nq    | # 87     |
| 48) Acenaphthylene             | 12.32 | 152  | 941809   | 51.72  | nq    | 99       |
| 49) Dimethylphthalate          | 12.21 | 163  | 892107   | 63.55  | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 12.29 | 165  | 158849   | 55.47  | nq    | 94       |
| 51) Acenaphthene               | 12.61 | 154  | 543067   | 49.93  | nq    | 99       |
| 52) 3-Nitroaniline             | 12.57 | 138  | 74538    | 24.25  | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 12.77 | 184  | 64593    | 44.00  | nq    | # 69     |
| 54) Dibenzofuran               | 12.89 | 168  | 863236   | 57.36  | nq    | 99       |
| 55) 4-Nitrophenol              | 12.96 | 139  | 197119   | 106.77 | nq    | # 72     |
| 56) 2,4-Dinitrotoluene         | 12.96 | 165  | 210934   | 57.32  | nq    | # 83     |
| 57) Fluorene                   | 13.45 | 166  | 695973   | 53.18  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 13.14 | 232  | 149752   | 63.06  | nq    | # 94     |
| 59) Diethylphthalate           | 13.35 | 149  | 683019   | 50.76  | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 13.48 | 204  | 303451   | 52.76  | nq    | 89       |
| 61) 4-Nitroaniline             | 13.58 | 138  | 156537   | 55.47  | nq    | 97       |
| 62) Azobenzene                 | 13.74 | 77   | 658801   | 60.93  | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 13.63 | 198  | 103657   | 50.01  | nq    | # 66     |
| 65) n-Nitrosodiphenylamine     | 13.69 | 169  | 596706   | 53.17  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 14.26 | 248  | 156073   | 47.77  | nq    | 95       |
| 67) Hexachlorobenzene          | 14.35 | 284  | 161672   | 48.29  | nq    | # 88     |
| 68) Atrazine                   | 14.61 | 200  | 174817   | 55.17  | nq    | 96       |
| 69) Pentachlorophenol          | 14.70 | 266  | 146188   | 95.36  | nq    | 98       |
| 70) Phenanthrene               | 15.00 | 178  | 942197   | 53.03  | nq    | 97       |
| 71) Anthracene                 | 15.08 | 178  | 999190   | 55.06  | nq    | 98       |
| 72) Carbazole                  | 15.36 | 167  | 931890   | 56.44  | nq    | 98       |
| 73) Di-n-butylphthalate        | 15.92 | 149  | 1086731  | 52.77  | nq    | 99       |
| 74) Fluoranthene               | 16.74 | 202  | 886634   | 48.65  | nq    | 97       |
| 76) Benzidine                  | 16.96 | 184  | 333019   | 53.57  | nq    | # 94     |
| 77) Pyrene                     | 17.04 | 202  | 895404   | 52.95  | nq    | 99       |
| 79) Butylbenzylphthalate       | 17.94 | 149  | 419522   | 53.33  | nq    | # 87     |
| 80) Benzo(a)anthracene         | 18.62 | 228  | 699000   | 53.11  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 18.60 | 252  | 127236   | 27.99  | nq    | # 94     |
| 82) Chrysene                   | 18.67 | 228  | 654935   | 51.47  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 18.69 | 149  | 587511   | 52.42  | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 19.45 | 149  | 957949   | 52.13  | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.59 | 276  | 524200   | 50.73  | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 19.89 | 252  | 545526   | 51.38  | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 19.92 | 252  | 586284m  | 57.24  | nq    |          |
| 89) Benzo(a)pyrene             | 20.24 | 252  | 520105   | 53.08  | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 21.59 | 278  | 437172   | 54.03  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 21.96 | 276  | 451297   | 56.83  | nq    | 96       |

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





#1

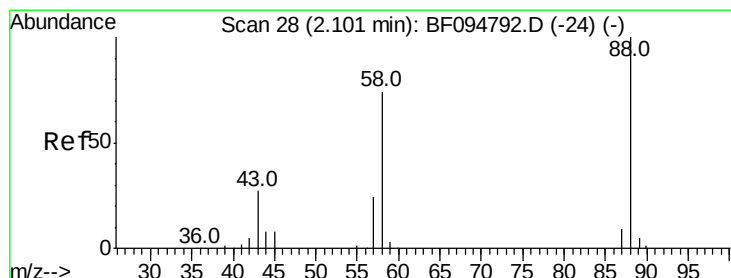
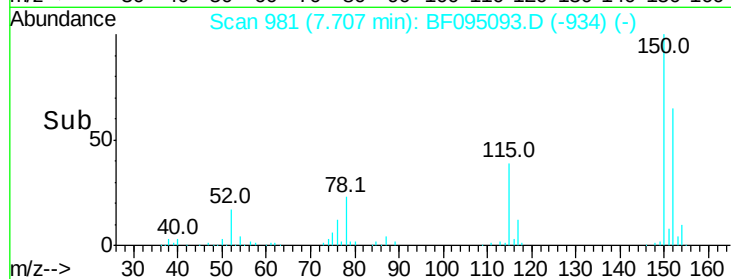
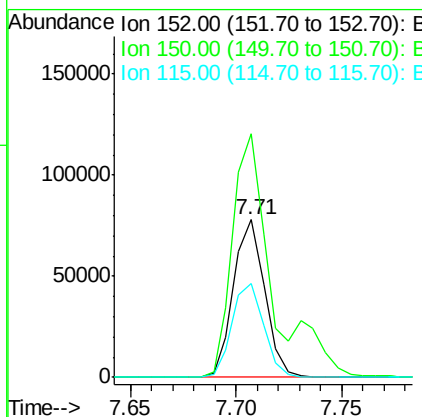
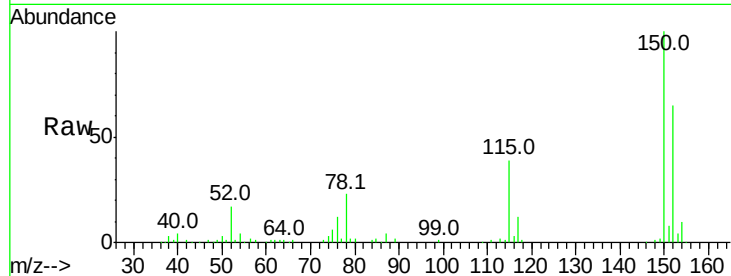
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.71 min Scan# 981  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.5 | 126.2 | 189.2 |
| 115     | 59.6  | 52.2  | 78.2  |

Manual Integrations  
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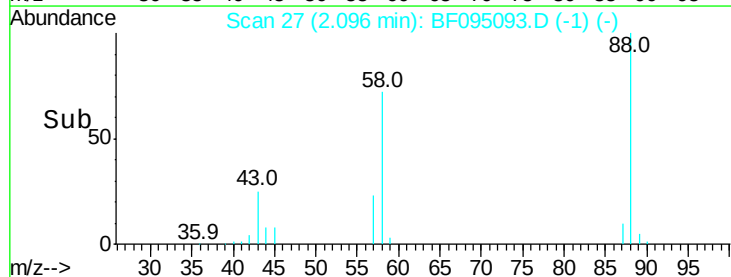
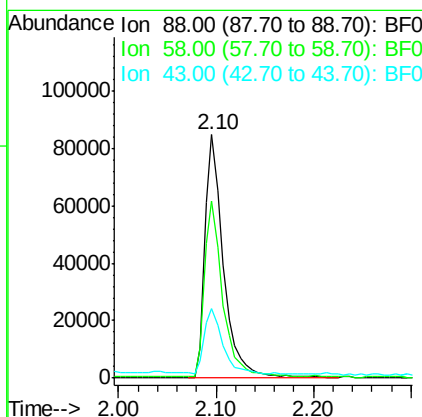
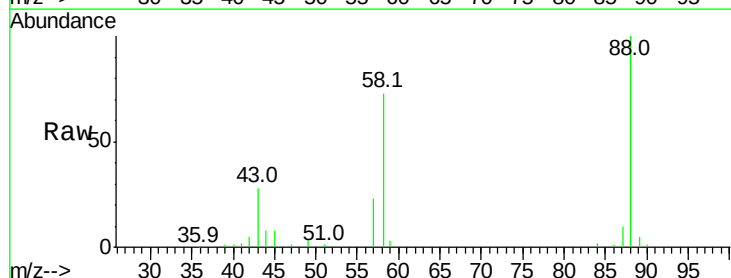
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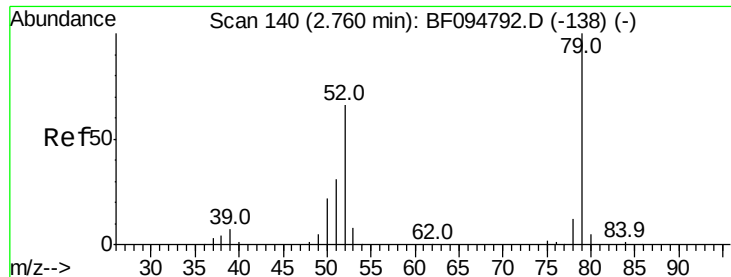


#2

1,4-Dioxane  
Concen: 48.02 ng  
RT: 2.10 min Scan# 27  
Delta R.T. -0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.1  | 61.4  | 92.0  |
| 43      | 26.6  | 23.4  | 35.0  |





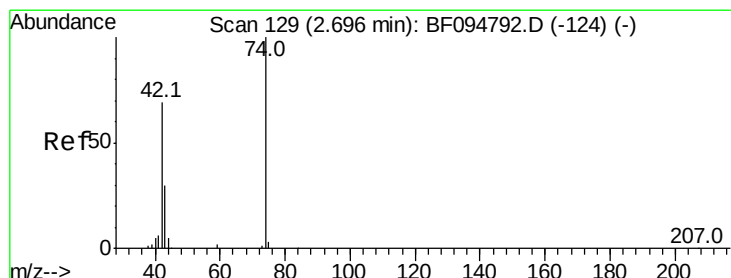
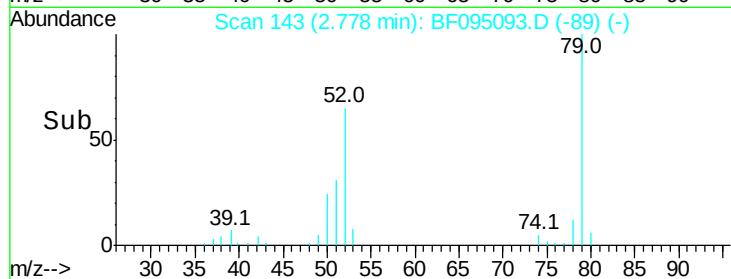
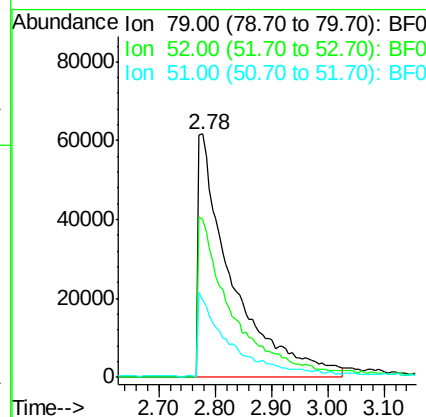
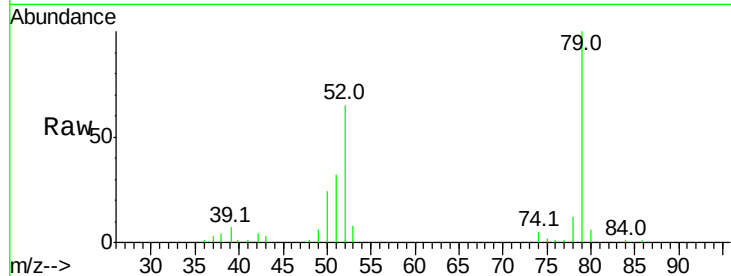
#3  
 Pvridine  
 Concen: 47.18 ng  
 RT: 2.78 min Scan# 143  
 Delta R.T. 0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 64.6  | 54.8  | 82.2  |
| 51      | 31.7  | 27.0  | 40.4  |

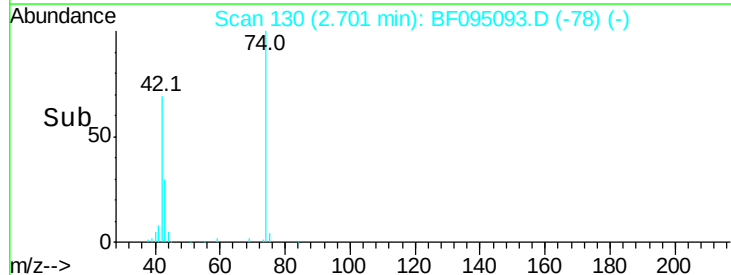
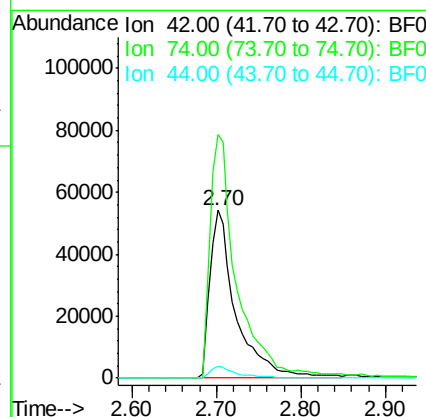
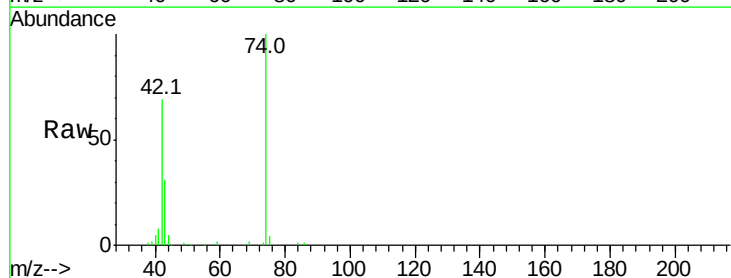
Manual Integrations  
 APPROVED

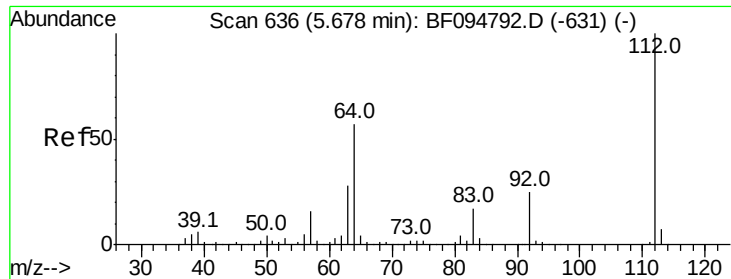
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#4  
 n-Nitrosodimethylamine  
 Concen: 51.78 ng  
 RT: 2.70 min Scan# 130  
 Delta R.T. 0.01 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 144.9 | 103.9 | 155.9 |
| 44      | 7.5   | 5.7   | 8.5   |





#5

2-Fluorophenol

Concen: 178.49 ng

RT: 5.66 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

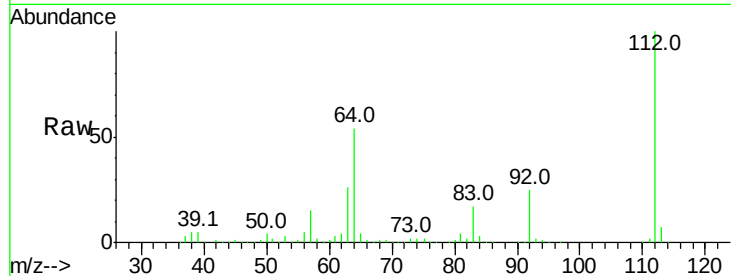
ClientSampleId :

SB-03-COMPMSD

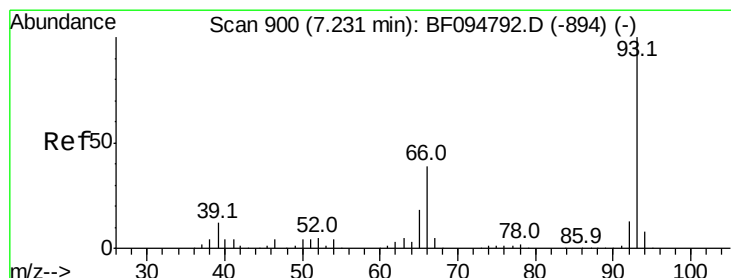
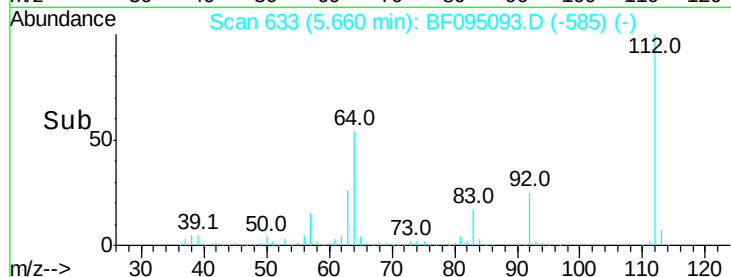
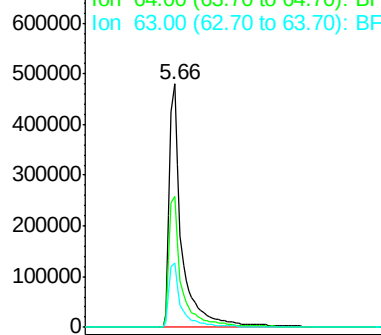
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 853128 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 54.0  | 46.0  | 69.0   |
| 63        | 26.5  | 23.4  | 35.0   |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 29.82 ng

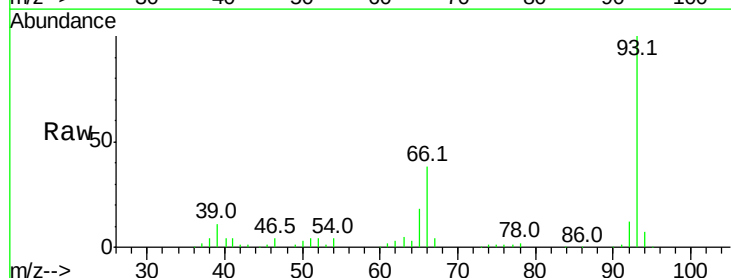
RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

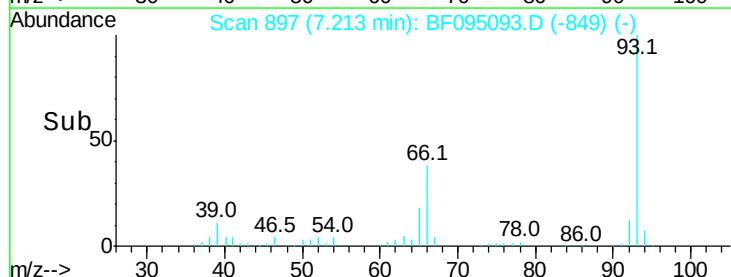
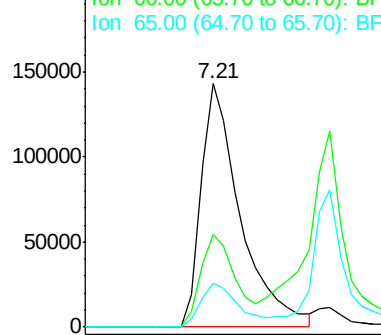
Lab File: BF095093.D

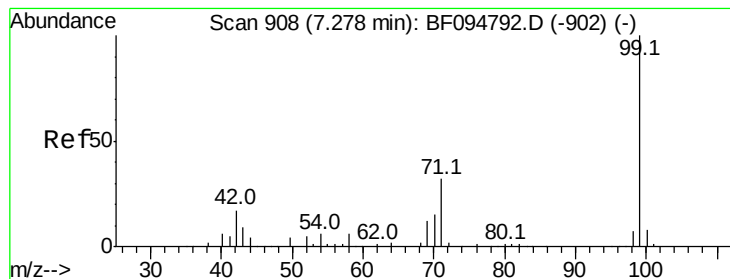
Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 215890 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.9  | 32.9  | 49.3   |
| 65        | 17.9  | 16.0  | 24.0   |



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 176.15 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

ClientSampleId :

SB-03-COMPMSD

Tot Ion: 99 Resp: 1010197

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

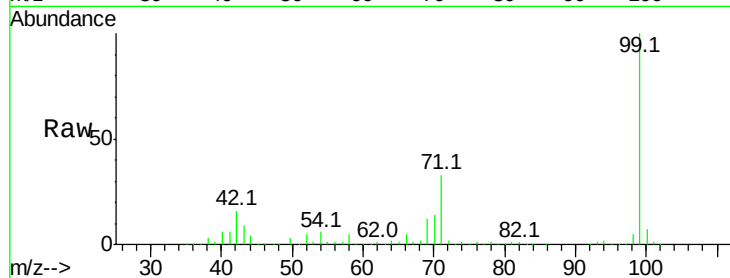
71 32.9 24.5 36.7

Manual Integrations

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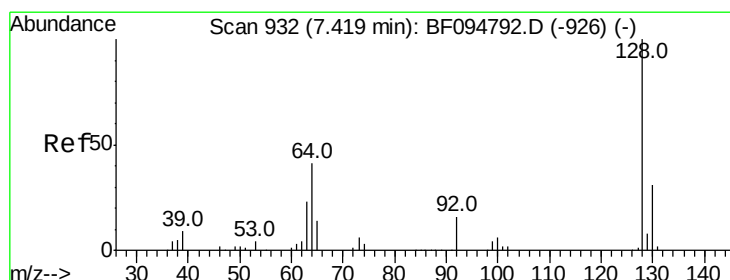
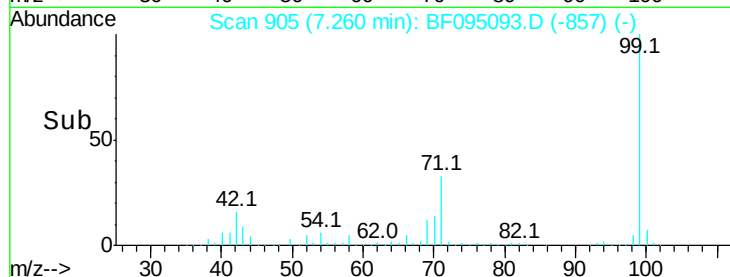
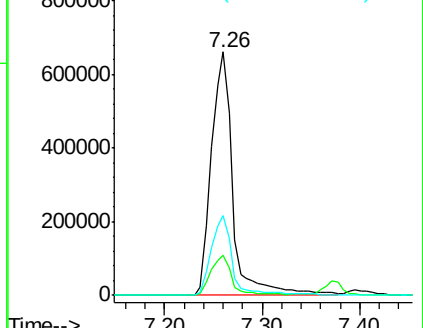
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 59.87 ng

RT: 7.40 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

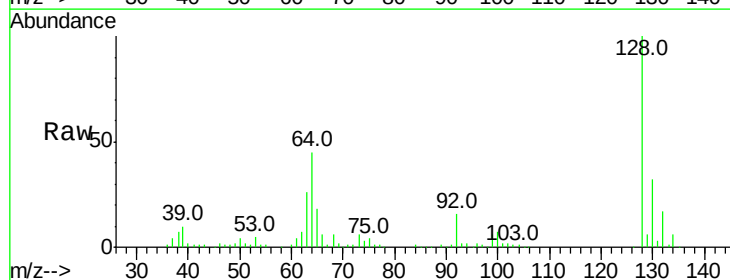
Tgt Ion: 128 Resp: 325686

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

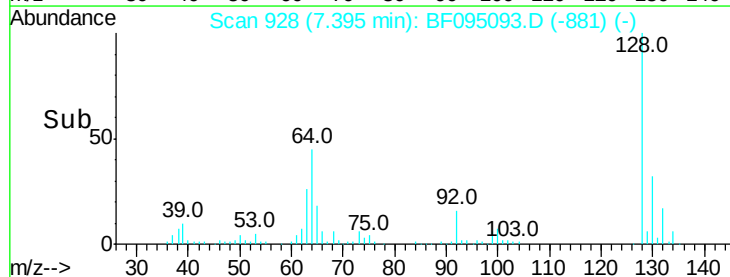
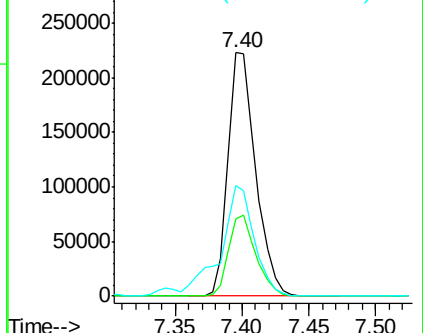
64 45.2 28.4 68.4



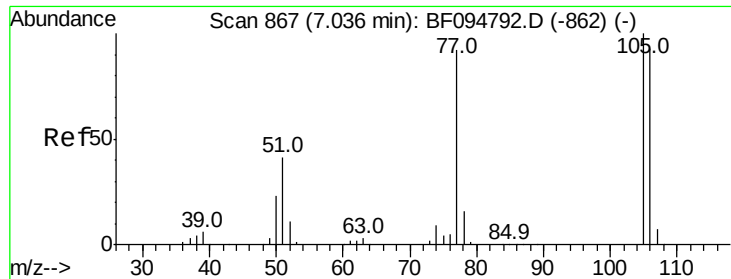
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 9.47 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

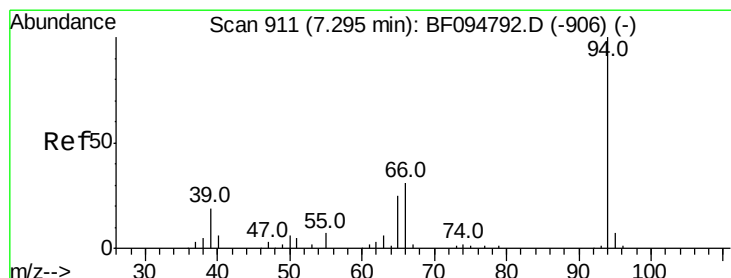
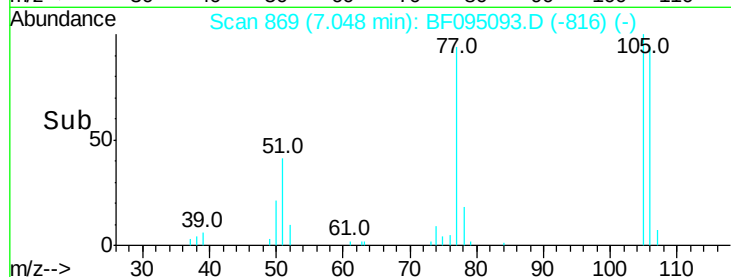
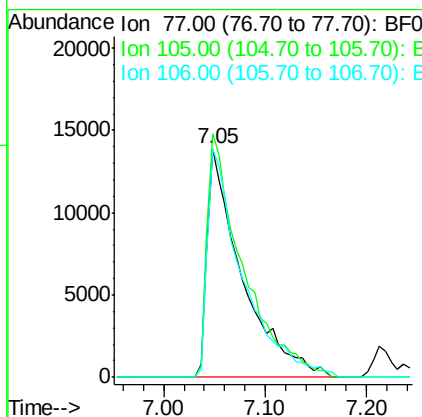
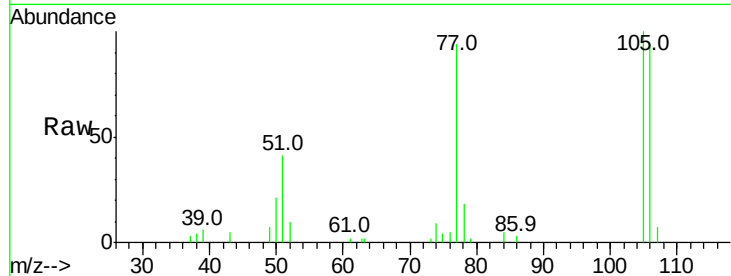
ClientSampleId :

SB-03-COMPMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 33174 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 106.6 | 83.8  | 123.8 |
| 106      | 99.9  | 79.1  | 119.1 |

Manual Integrations  
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#10

Phenol

Concen: 60.71 ng

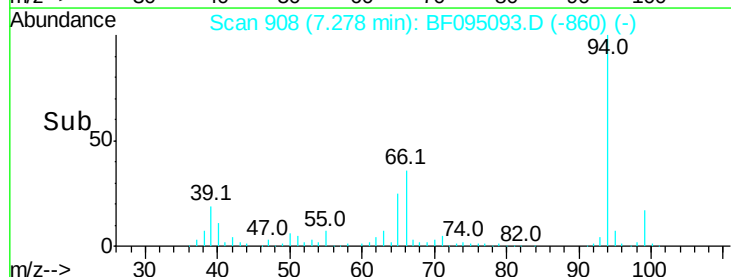
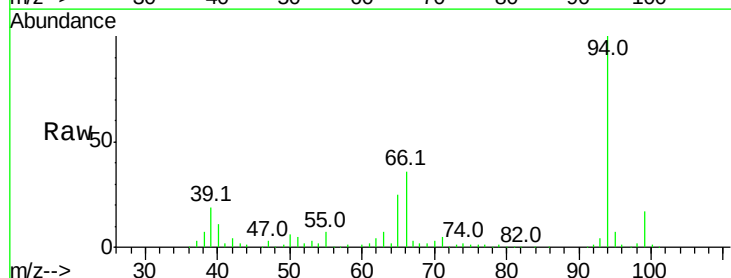
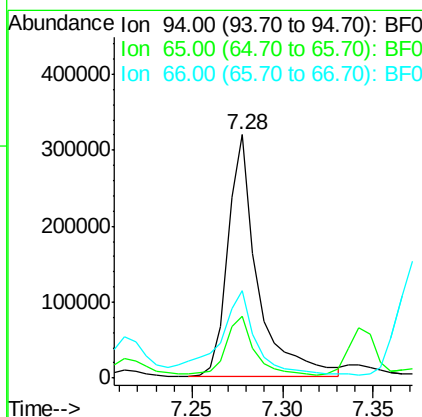
RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

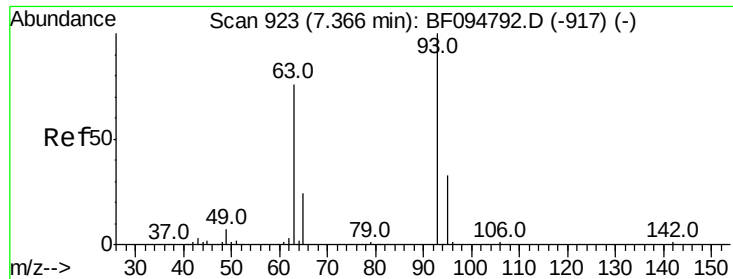
Lab File: BF095093.D

Acq: 11 May 2017 22:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 366892 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 25.2  | 9.9   | 49.9   |
| 66       | 35.9  | 23.1  | 63.1   |







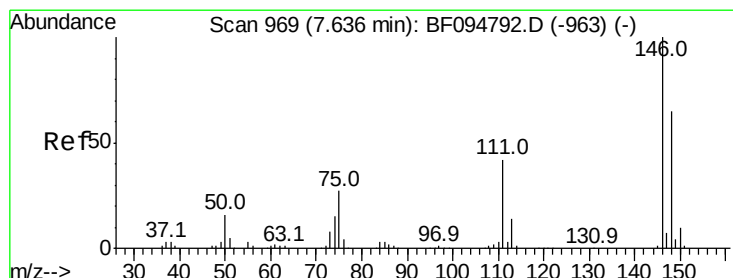
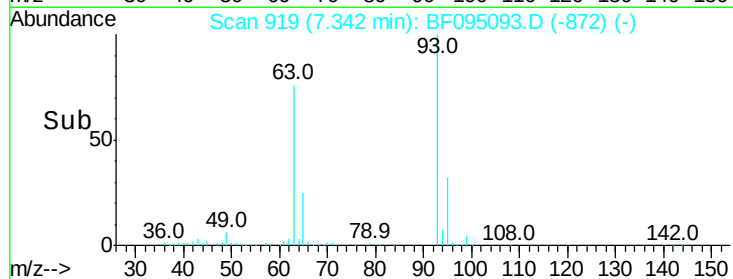
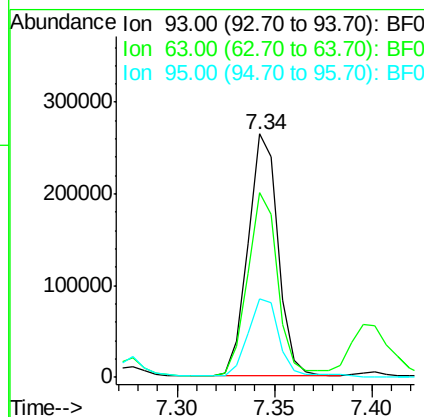
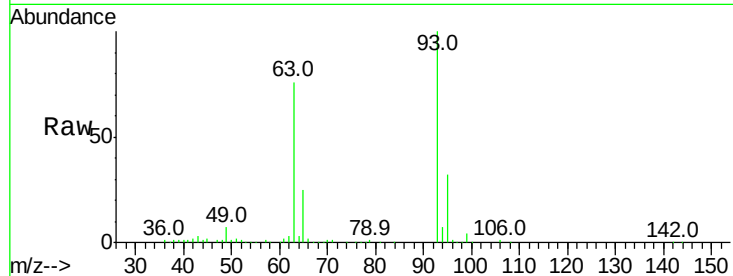
#11  
bis(2-Chloroethyl)ether  
Concen: 56.42 ng  
RT: 7.34 min Scan# 919  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 281499 |       |       |
| 63      | 76.1  | 59.2   | 99.2  |       |
| 95      | 32.2  | 12.8   | 52.8  |       |

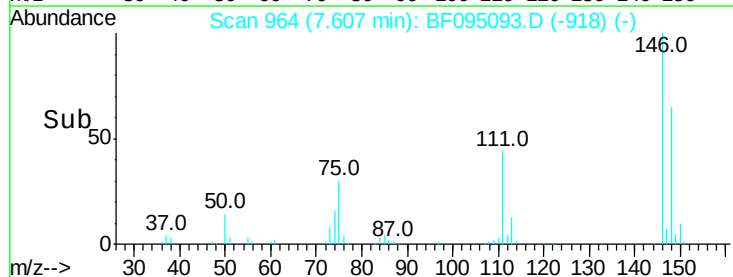
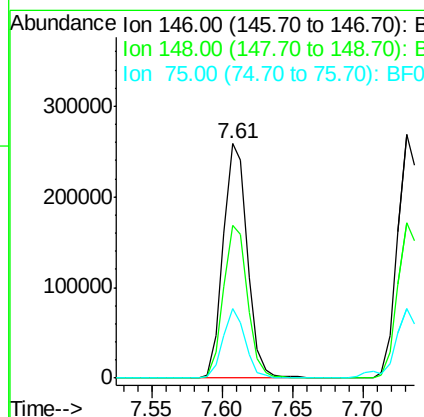
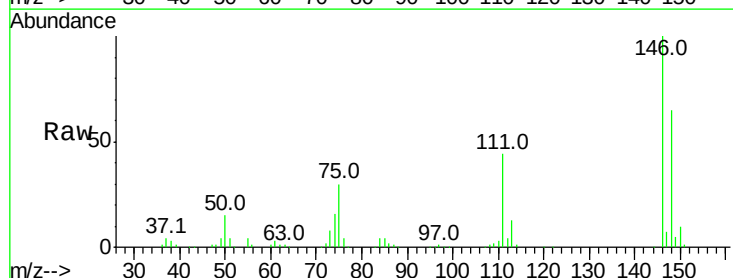
Manual Integrations  
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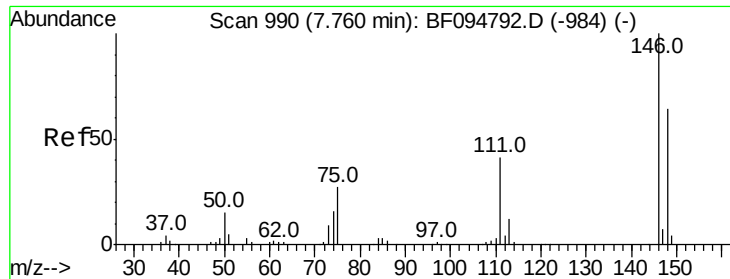
mohammad  
5/12/2017 3:36:09 PM



#12  
1,3-Dichlorobenzene  
Concen: 49.79 ng  
RT: 7.61 min Scan# 964  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 307241 |       |       |
| 148     | 65.1  | 51.8   | 77.6  |       |
| 75      | 29.6  | 23.1   | 34.7  |       |





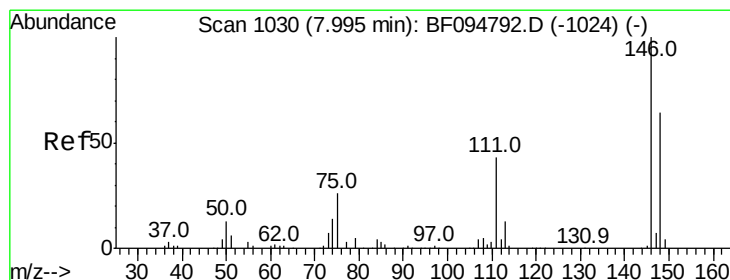
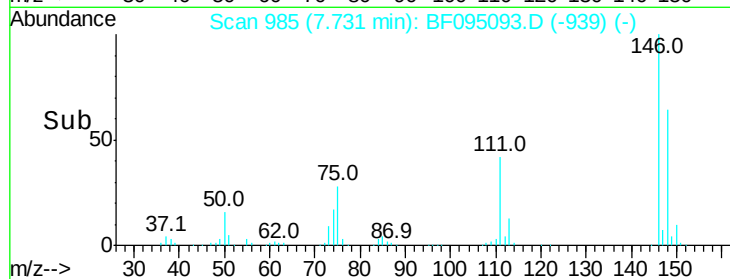
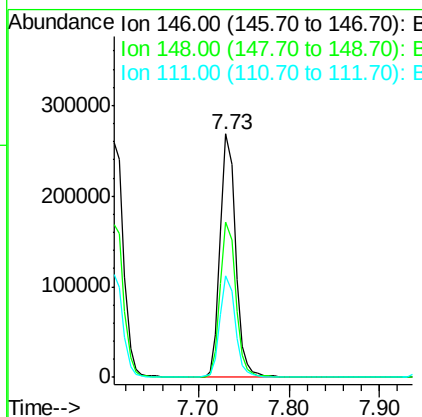
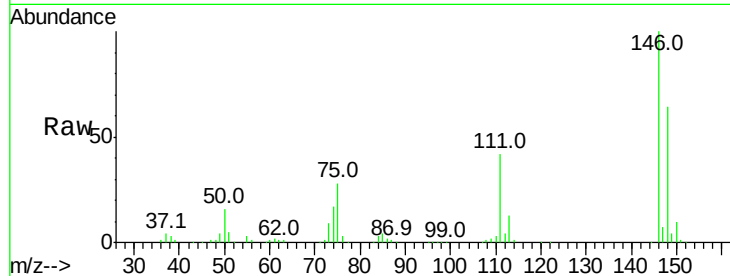
#13  
 1,4-Dichlorobenzene  
 Concen: 50.63 ng  
 RT: 7.73 min Scan# 985  
 Delta R.T. -0.03 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 52.2  | 78.2  |
| 111     | 41.8  | 30.3  | 45.5  |

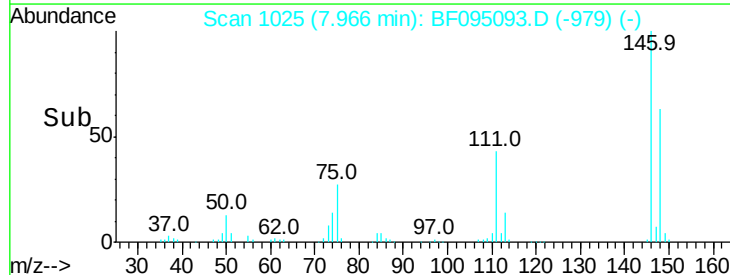
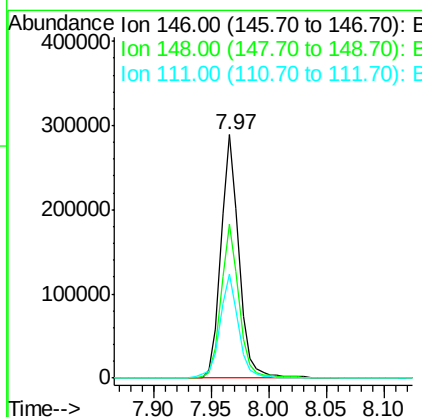
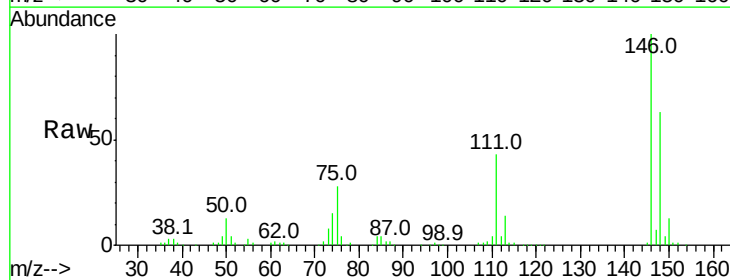
Manual Integrations  
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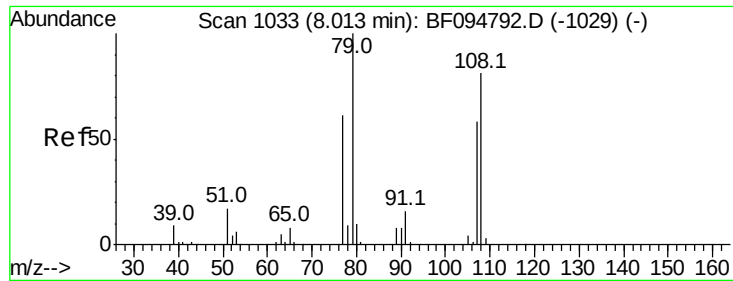
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 53.48 ng  
 RT: 7.97 min Scan# 1025  
 Delta R.T. -0.03 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 50.4  | 75.6  |
| 111     | 42.7  | 38.2  | 57.4  |





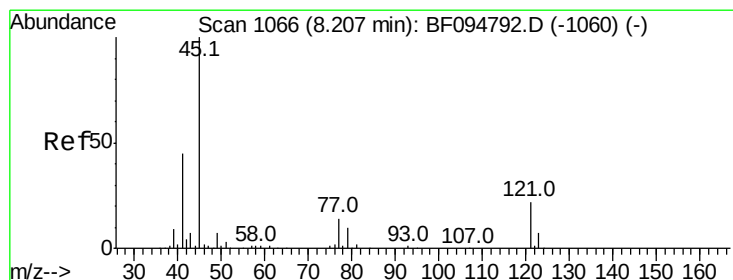
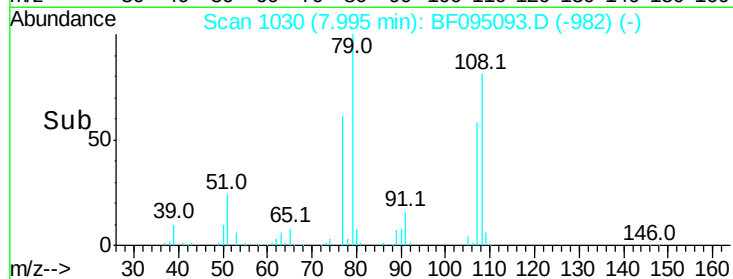
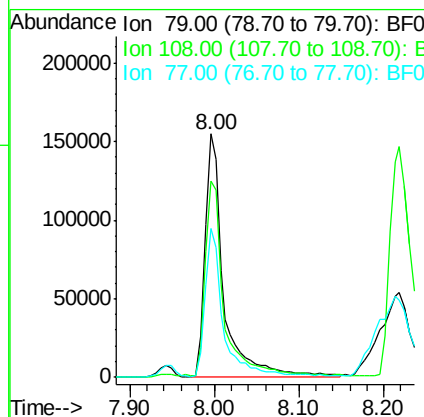
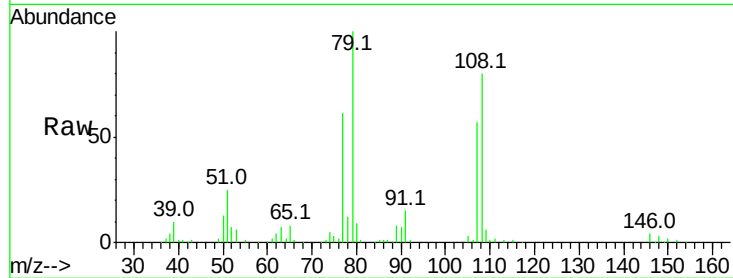
#15  
Benzyl Alcohol  
Concen: 64.95 ng  
RT: 8.00 min Scan# 1030  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 80.4  | 63.4  | 95.0  |
| 77      | 61.2  | 49.2  | 73.8  |

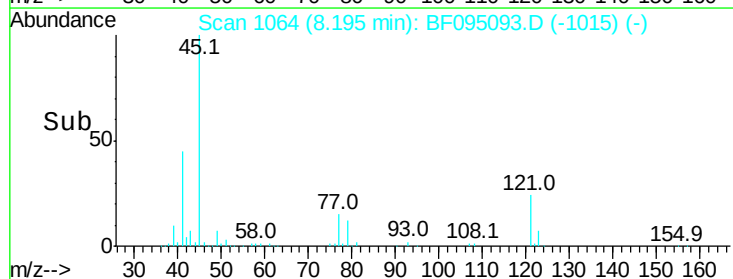
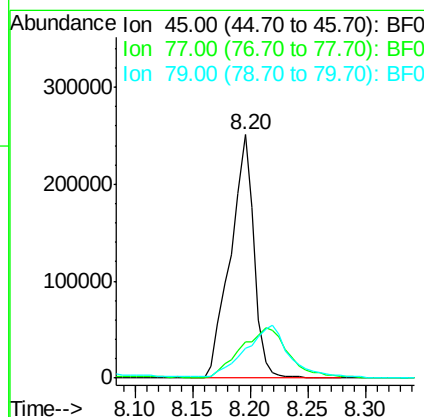
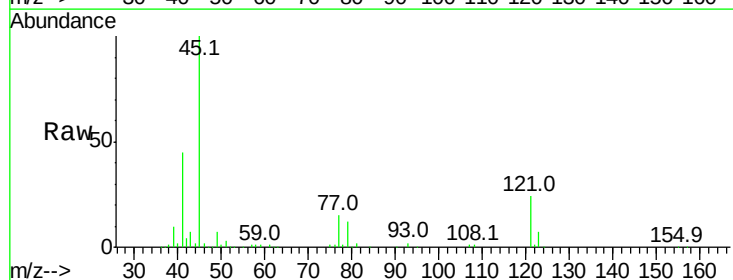
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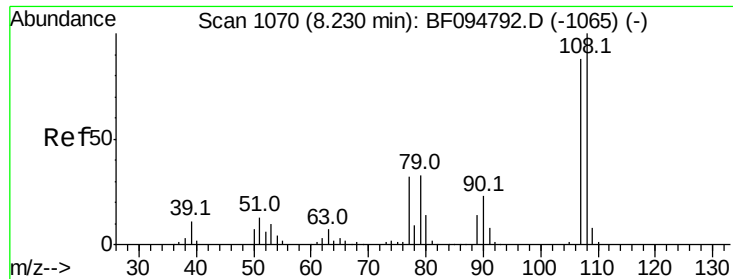
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 50.32 ng  
RT: 8.20 min Scan# 1064  
Delta R.T. -0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.8  | 0.0   | 33.2  |
| 79      | 12.1  | 0.0   | 30.0  |





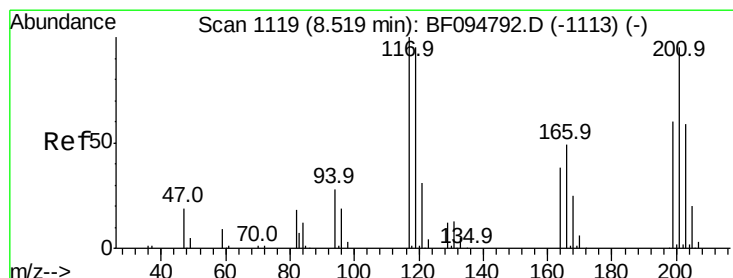
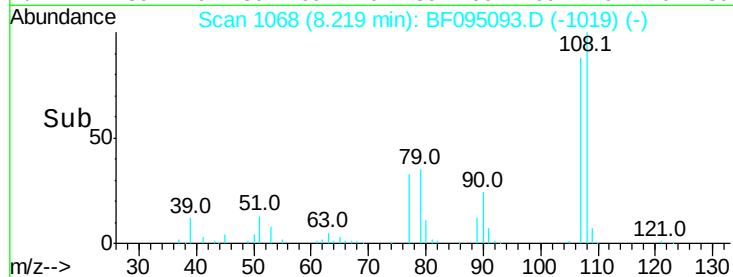
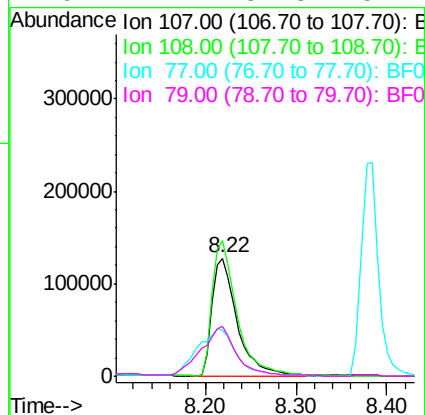
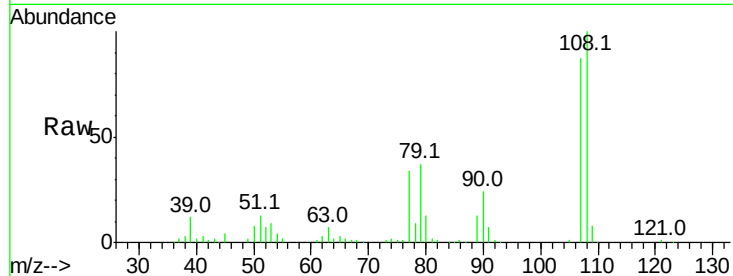
#17  
2-Methylphenol  
Concen: 55.76 ng  
RT: 8.22 min Scan# 1068  
Delta R.T. -0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampled :  
SB-03-COMPMSD

| Tot Ion   | 107   | Resp  | 248270 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 114.4 | 93.4  | 140.0  |
| 77        | 38.7  | 35.8  | 53.6   |
| 79        | 42.2  | 34.8  | 52.2   |

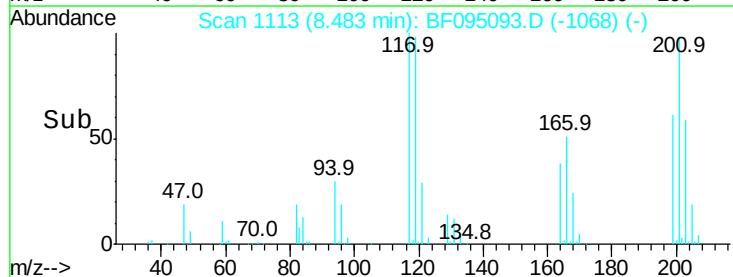
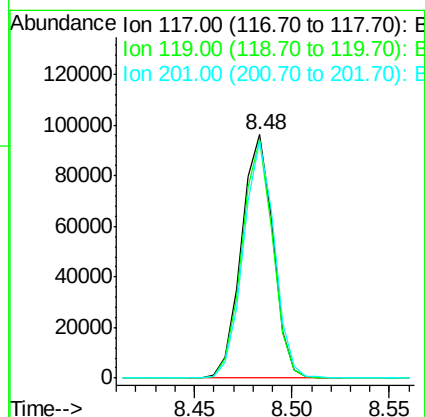
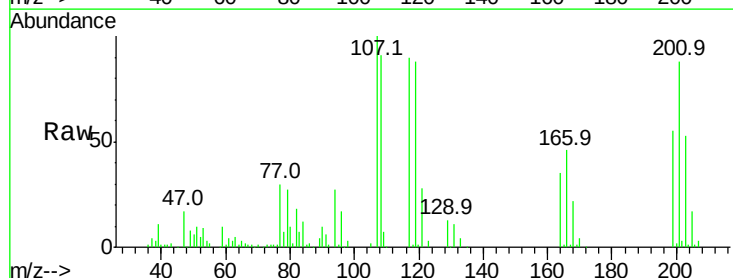
Manual Integrations  
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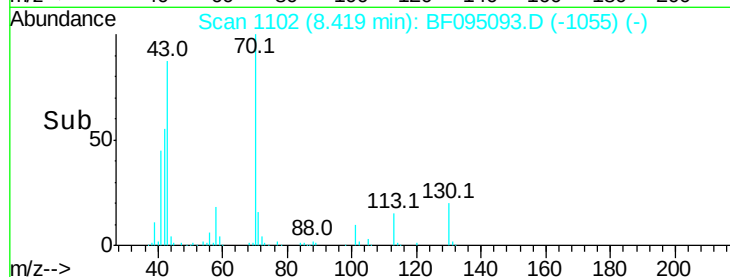
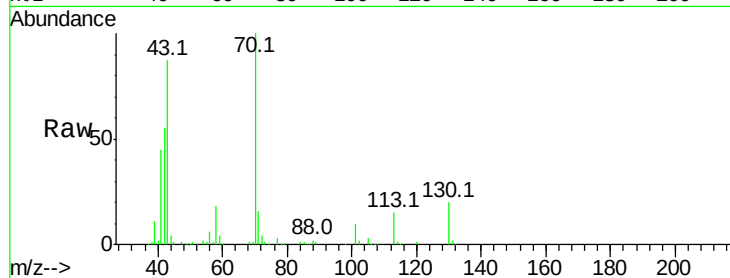
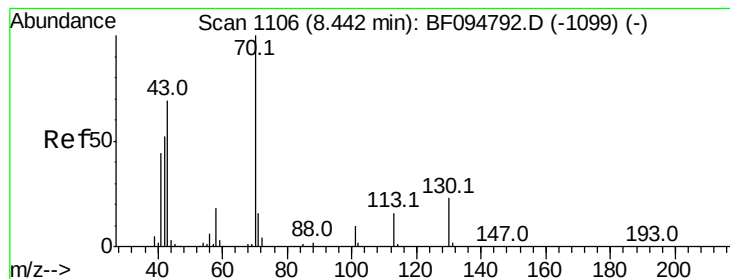
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#18  
Hexachloroethane  
Concen: 51.11 ng  
RT: 8.48 min Scan# 1113  
Delta R.T. -0.04 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion   | 117   | Resp  | 108358 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 97.8  | 77.4  | 116.0  |
| 201       | 97.5  | 94.6  | 141.8  |





#19

n-Nitroso-di-n-propylamine

Concen: 55.15 ng

RT: 8.42 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

ClientSampleId :

SB-03-COMPMSD

Tot Ion: 70 Resp: 213898

Ion Ratio Lower Upper

70 100

42 55.2 47.2 70.8

101 10.3 7.2 10.8

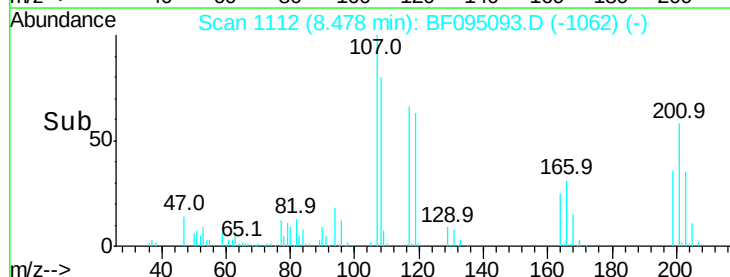
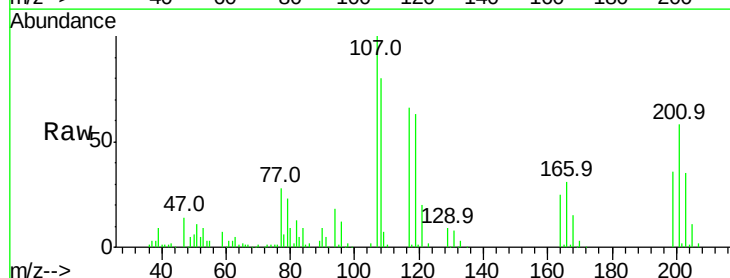
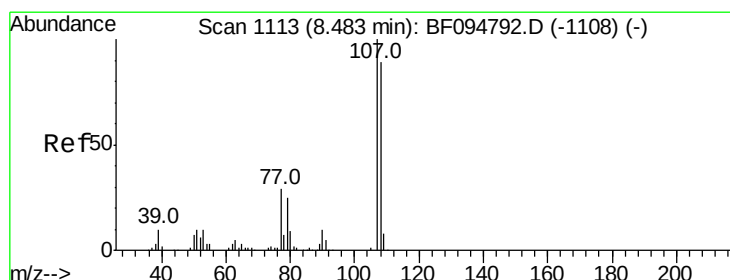
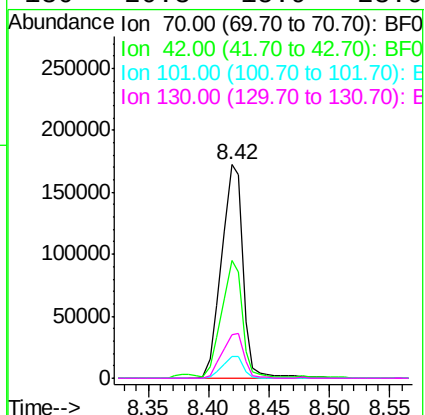
130 20.3 15.9 23.9

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#20

3+4-Methylphenols

Concen: 53.84 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Tgt Ion:107 Resp: 325713

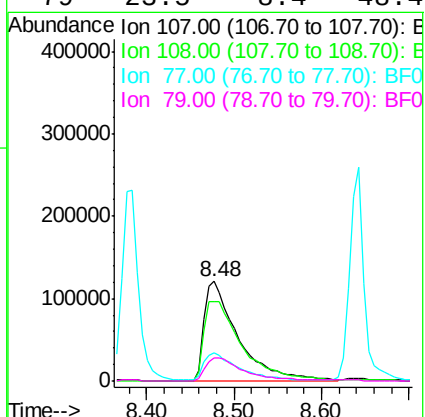
Ion Ratio Lower Upper

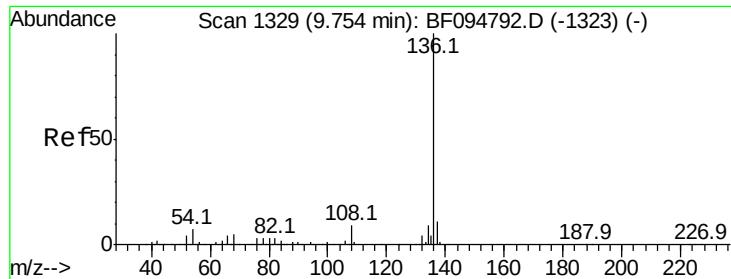
107 100

108 80.4 71.0 111.0

77 28.0 90.5 130.5#

79 23.5 8.4 48.4





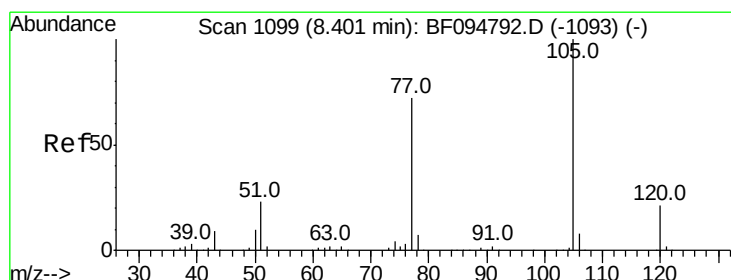
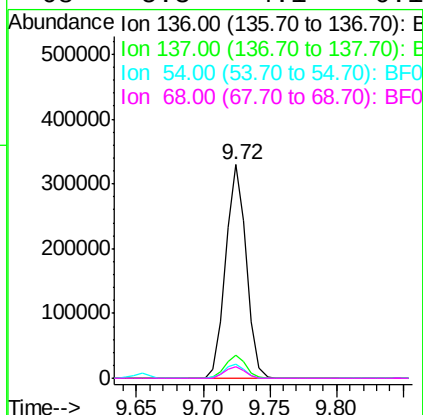
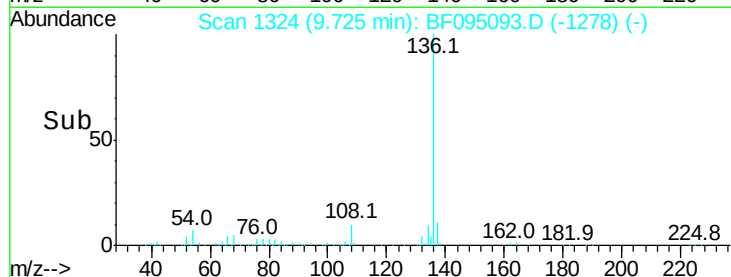
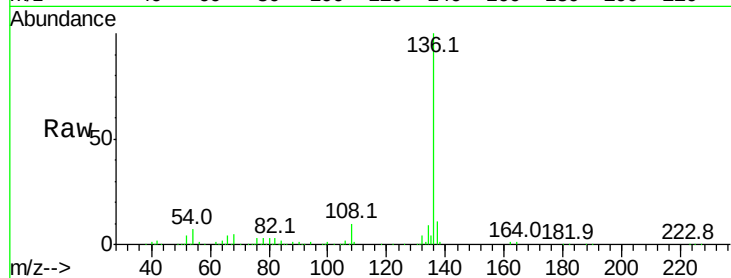
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.72 min Scan# 1324  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 359971 |       |       |
| 137     | 10.7  |        | 8.5   | 12.7  |
| 54      | 6.8   |        | 4.9   | 7.3   |
| 68      | 5.3   |        | 4.1   | 6.1   |

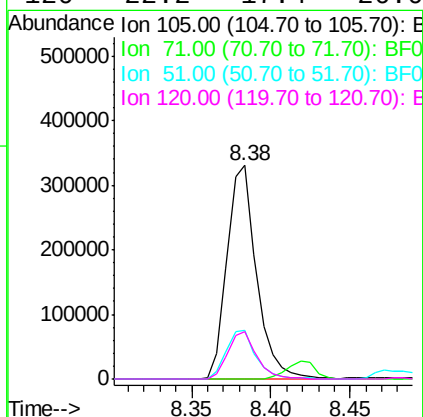
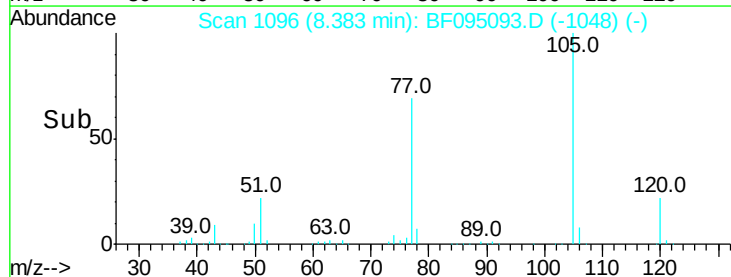
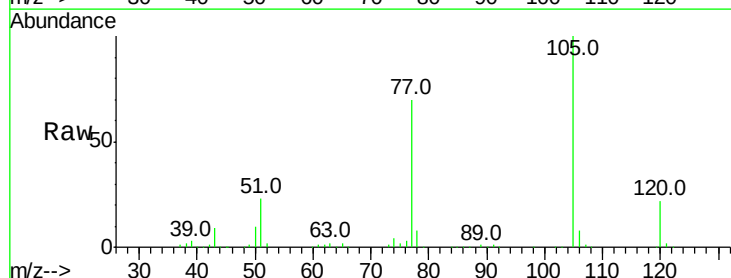
Manual Integrations  
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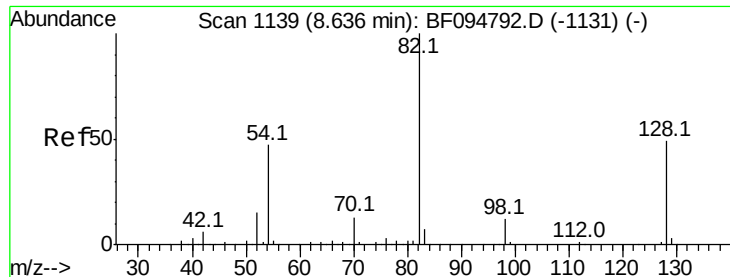
mohammad  
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#22  
Acetophenone  
Concen: 49.37 ng  
RT: 8.38 min Scan# 1096  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 426374 |       |       |
| 71      | 0.0   |        | 2.8   | 4.2#  |
| 51      | 22.6  |        | 30.7  | 46.1# |
| 120     | 22.2  |        | 17.4  | 26.0  |





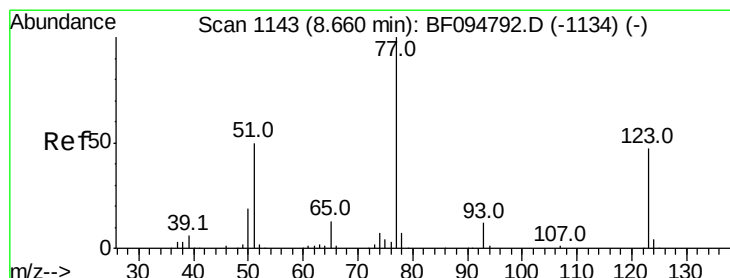
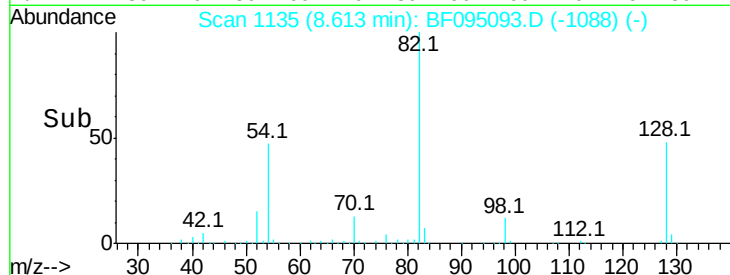
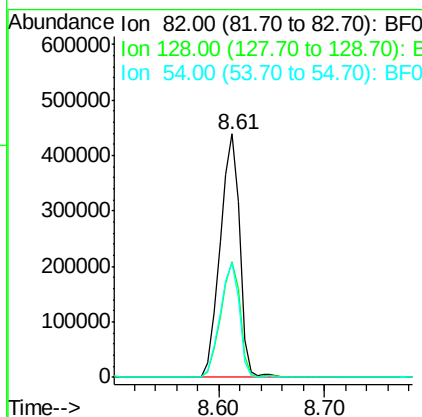
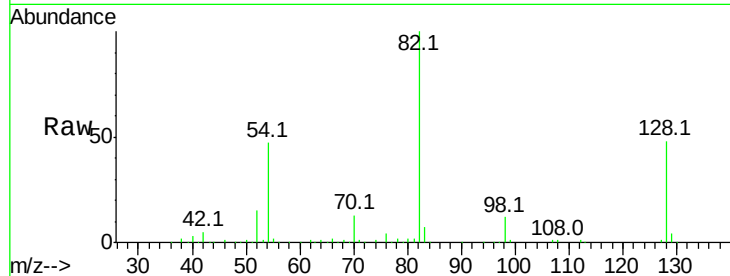
#23  
 Nitrobenzene-d5  
 Concen: 99.51 ng  
 RT: 8.61 min Scan# 1135  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 47.6  | 34.0 | 51.0  |       |
| 54      | 47.0  | 42.2 | 63.2  |       |

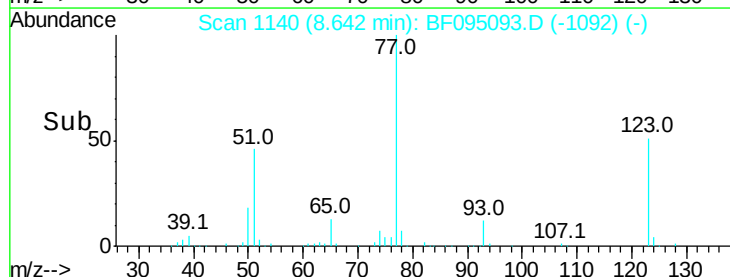
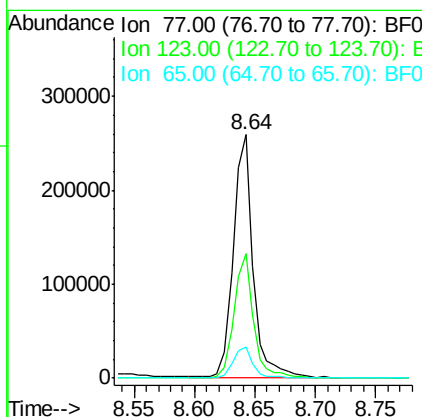
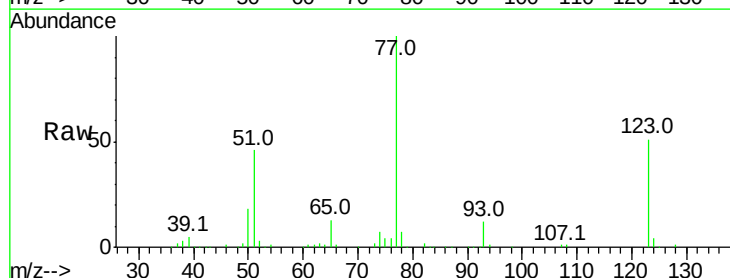
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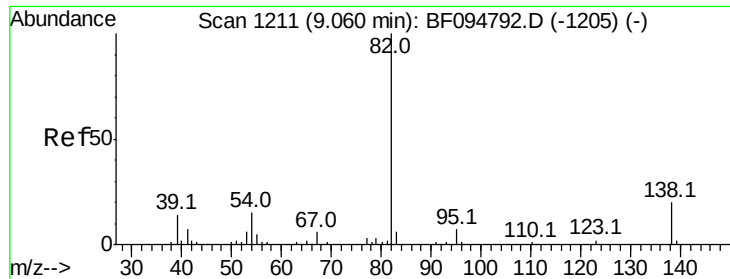


#24  
 Nitrobenzene  
 Concen: 49.62 ng  
 RT: 8.64 min Scan# 1140  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 51.1  | 35.8 | 53.8  |       |
| 65      | 13.0  | 10.6 | 15.8  |       |







#25

Isophorone

Concen: 53.25 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

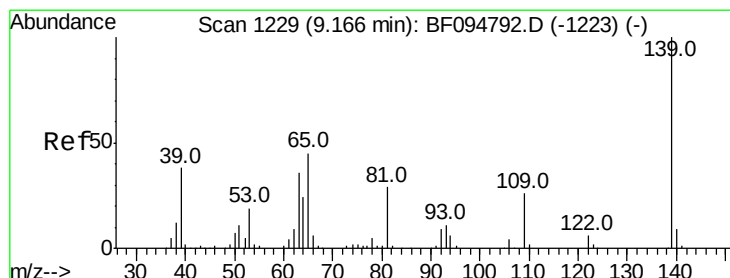
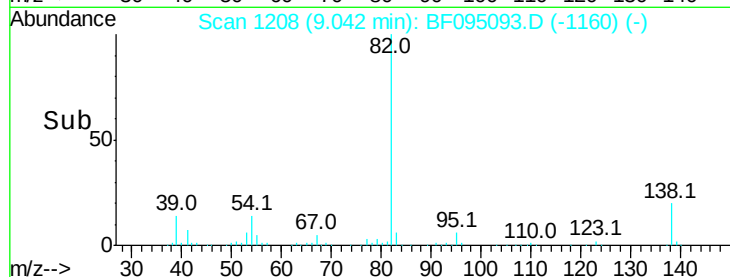
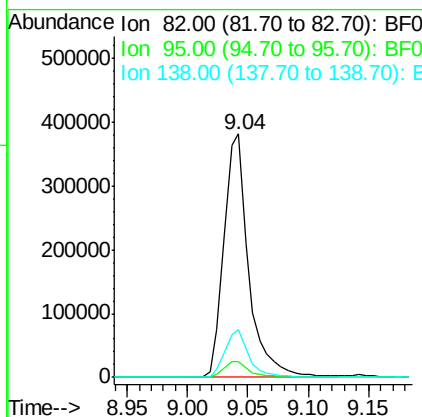
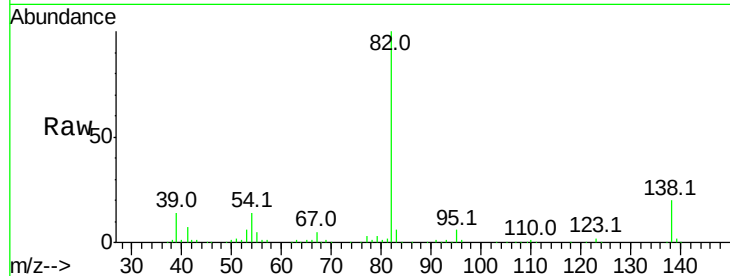
ClientSampleId :

SB-03-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 542783 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.5   | 5.3   | 7.9    |
| 138       | 19.7  | 13.1  | 19.7#  |

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#26

2-Nitrophenol

Concen: 53.51 ng

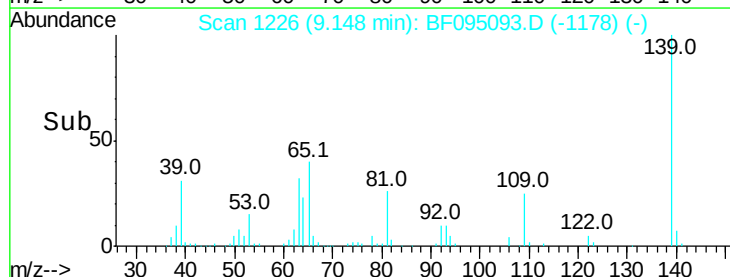
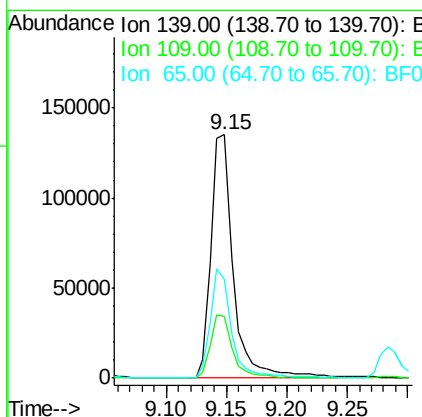
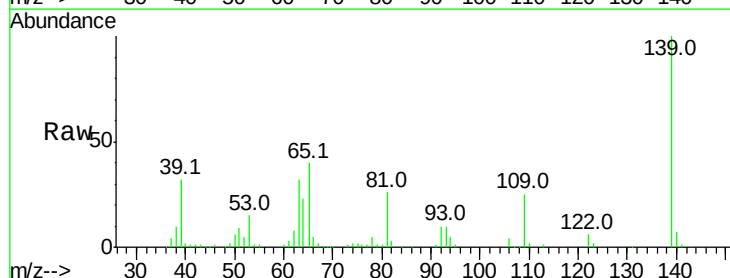
RT: 9.15 min Scan# 1226

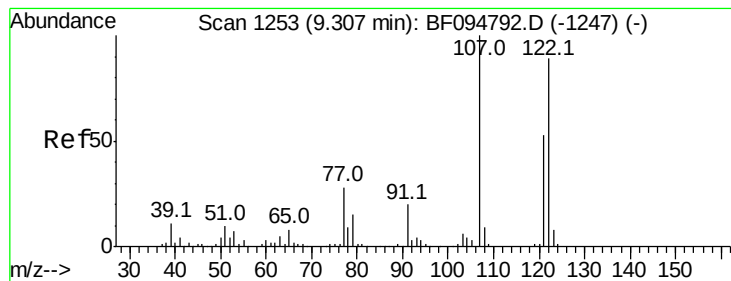
Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 172765 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 25.4  | 21.0  | 31.6   |
| 65        | 40.5  | 33.0  | 49.6   |





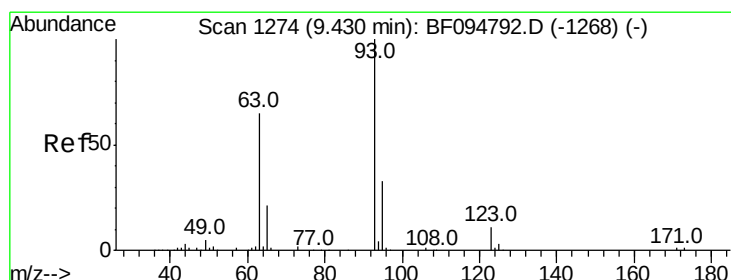
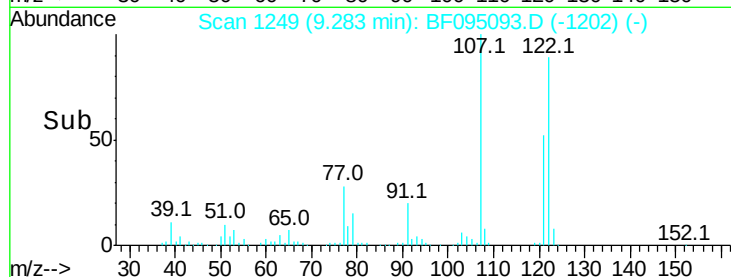
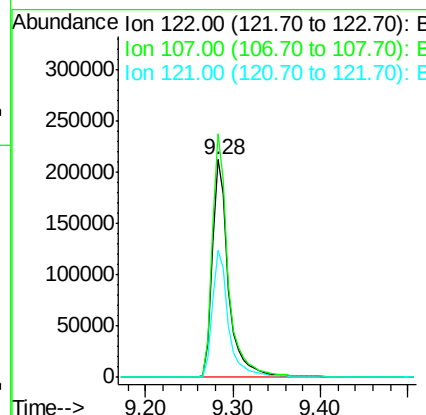
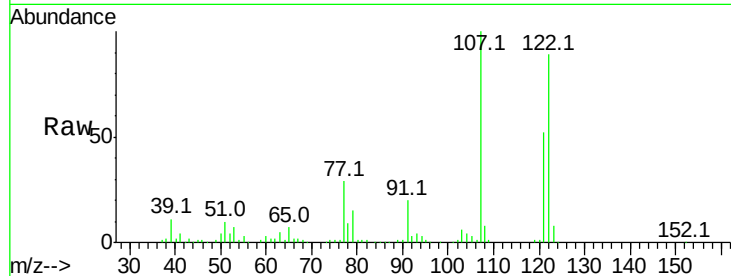
#27  
2,4-Dimethylphenol  
Concen: 52.96 ng  
RT: 9.28 min Scan# 1249  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 276432 |       |       |
| 107     | 111.9 | 89.2   | 133.8 |       |
| 121     | 58.5  | 45.2   | 67.8  |       |

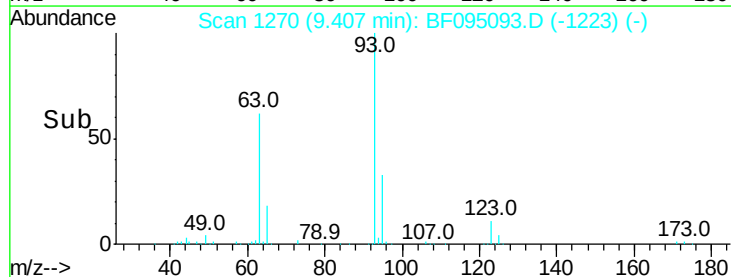
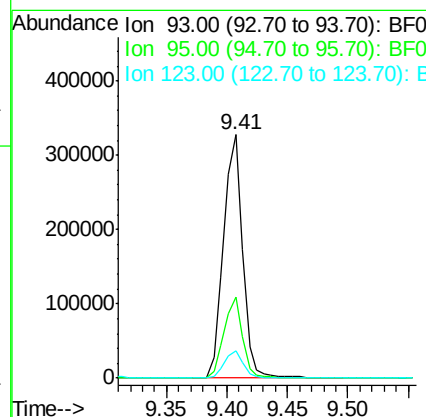
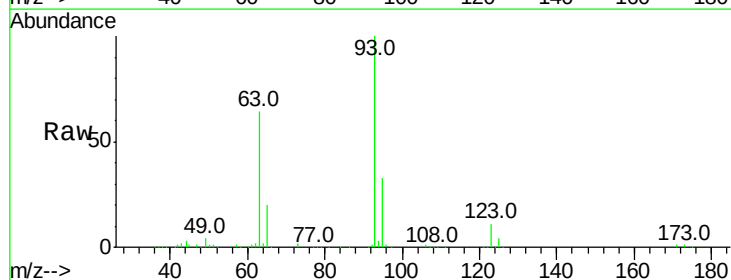
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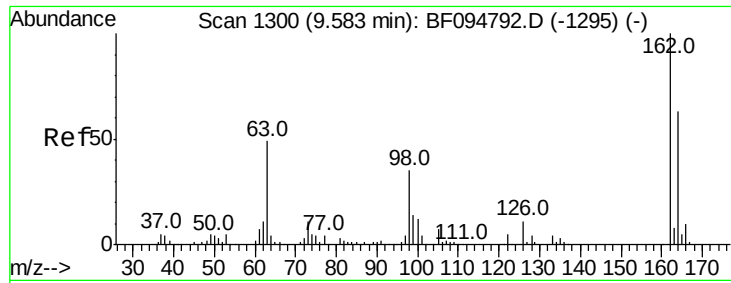
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#28  
bis(2-Chloroethoxy)methane  
Concen: 50.80 ng  
RT: 9.41 min Scan# 1270  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 358187 |       |       |
| 95      | 33.3  | 26.5   | 39.7  |       |
| 123     | 11.4  | 9.0    | 13.4  |       |





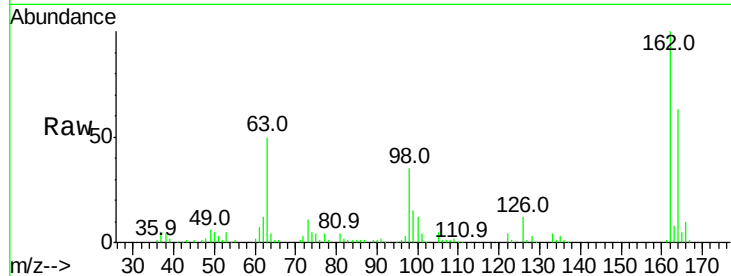
#29  
2,4-Dichlorophenol  
Concen: 55.27 ng  
RT: 9.57 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

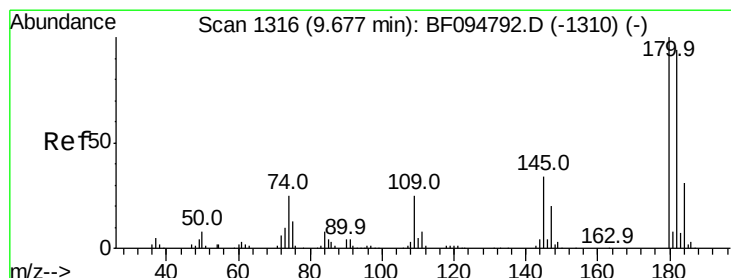
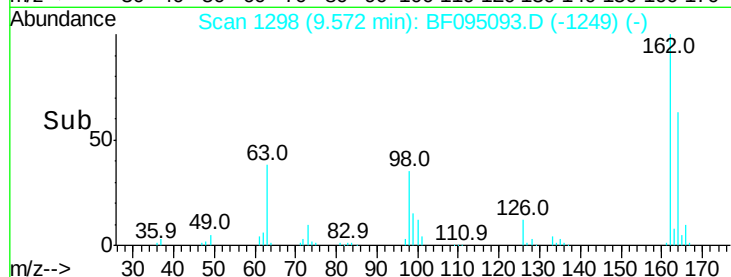
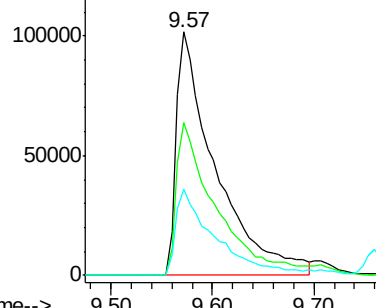
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 272411 |       |       |
| 164     | 62.8  | 44.6   | 84.6  |       |
| 98      | 35.2  | 14.8   | 54.8  |       |

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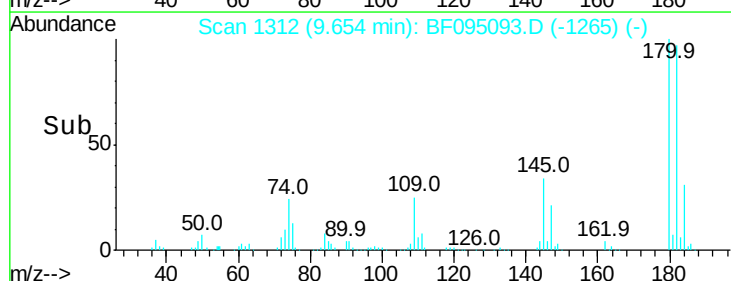
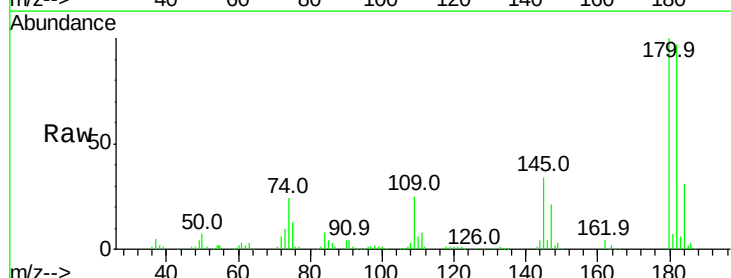
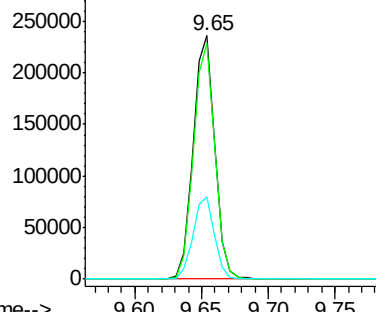
Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BF0

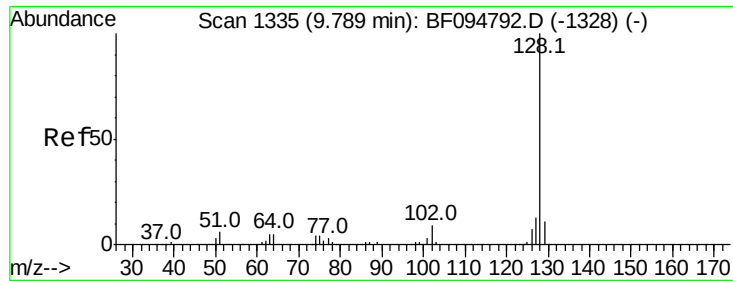


#30  
1,2,4-Trichlorobenzene  
Concen: 50.99 ng  
RT: 9.65 min Scan# 1312  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 269230 |       |       |
| 182     | 96.9  | 75.8   | 113.6 |       |
| 145     | 33.7  | 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





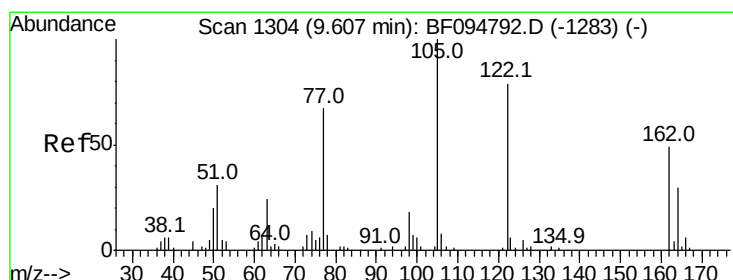
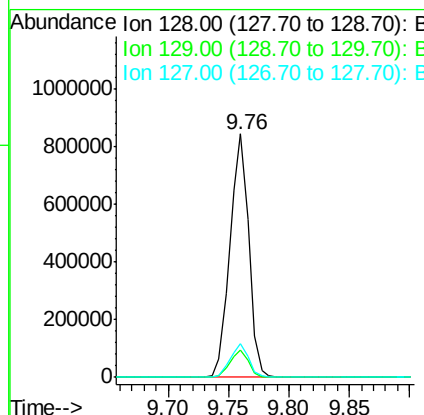
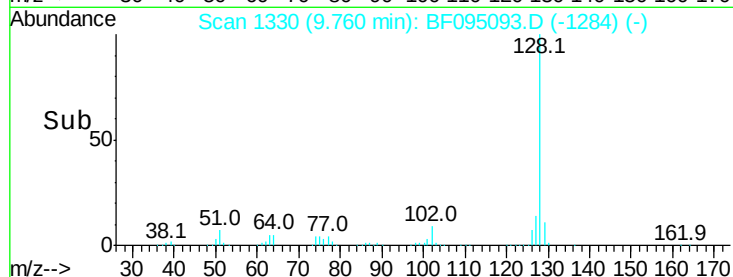
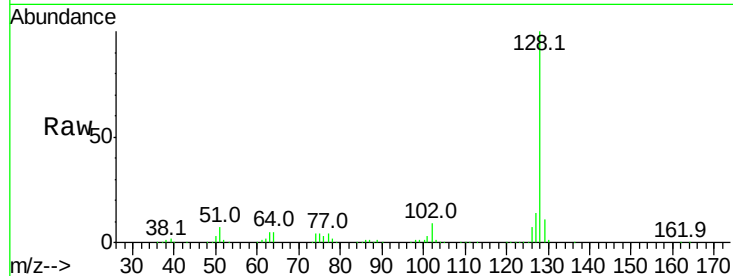
#31  
Naphthalene  
Concen: 50.68 ng  
RT: 9.76 min Scan# 1330  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 916881 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.3  | 9.0   | 13.6   |
| 127       | 13.6  | 10.8  | 16.2   |

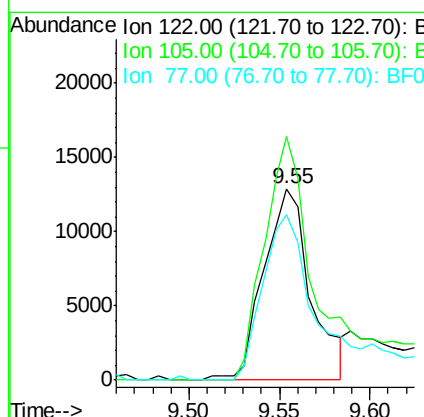
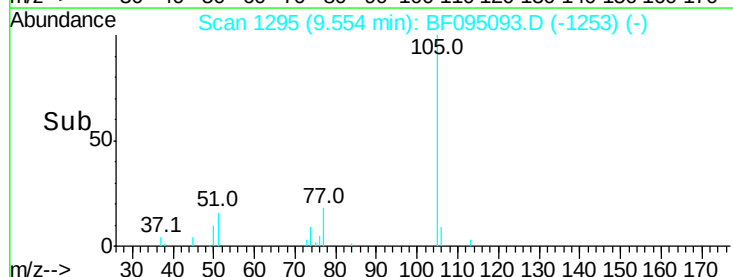
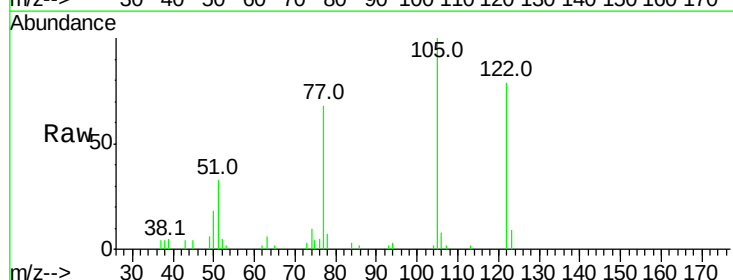
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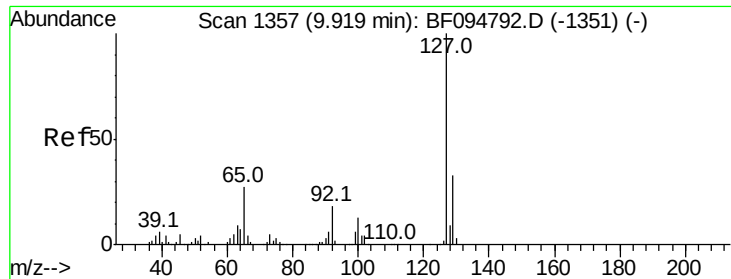
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#32  
Benzoic acid  
Concen: 11.13 ng  
RT: 9.55 min Scan# 1295  
Delta R.T. -0.05 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 23174 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 127.3 | 103.3 | 143.3 |
| 77        | 86.4  | 73.7  | 113.7 |





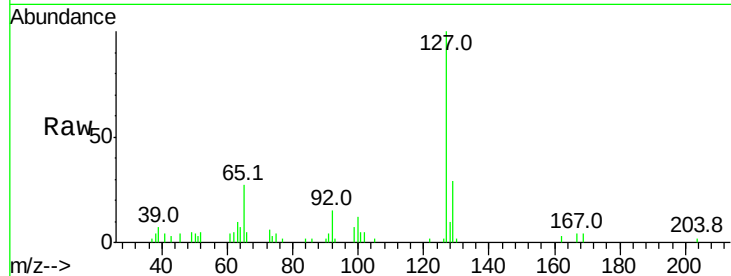
#33  
4-Chloroaniline  
Concen: 7.74 ng  
RT: 9.93 min Scan# 1359  
Delta R.T. 0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

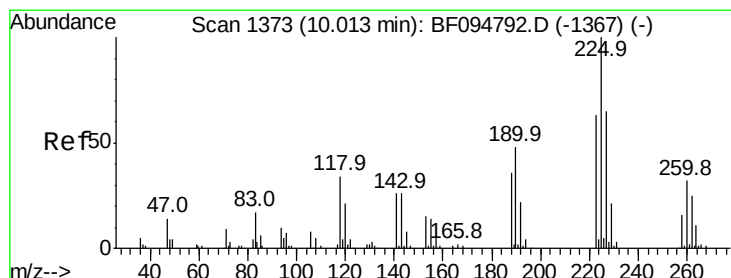
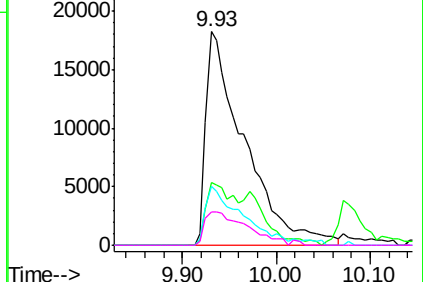
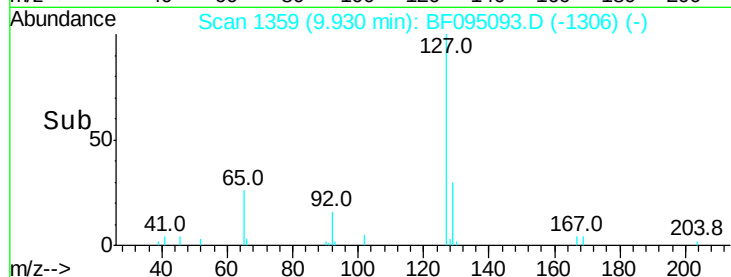
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 29.4  | 26.2 | 39.2  |       |
| 65      | 27.3  | 27.8 | 41.8  |       |
| 92      | 15.4  | 16.8 | 25.2  |       |

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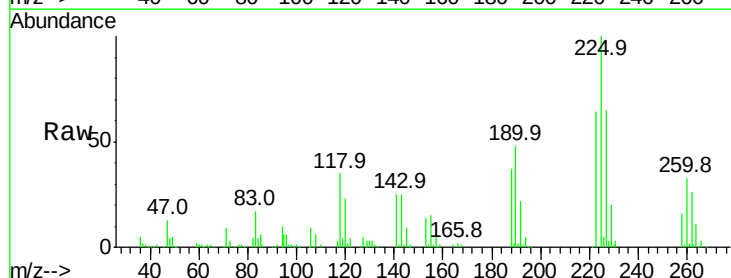


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

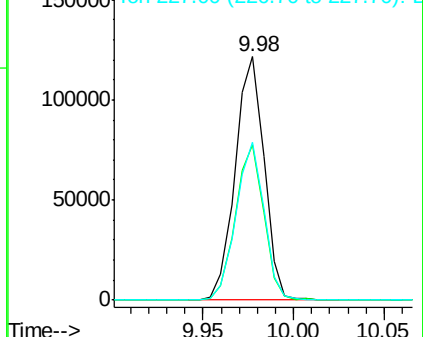
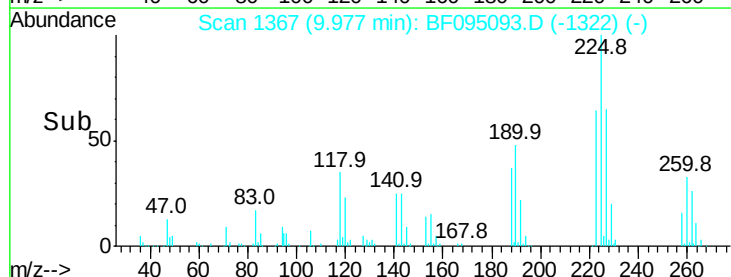


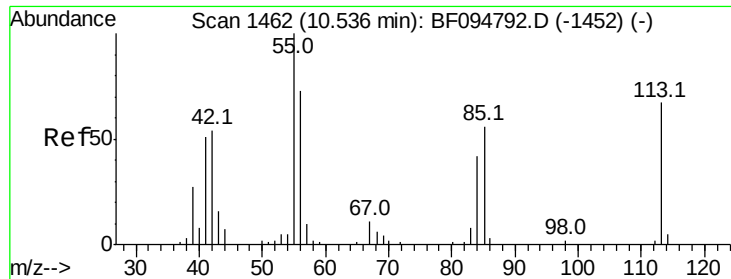
#34  
Hexachlorobutadiene  
Concen: 48.49 ng  
RT: 9.98 min Scan# 1367  
Delta R.T. -0.04 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.7  | 48.8 | 73.2  |       |
| 227     | 64.9  | 51.1 | 76.7  |       |



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





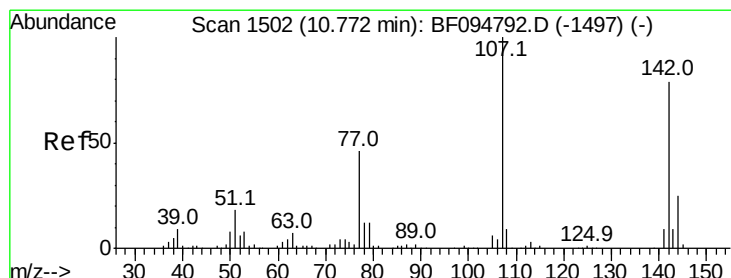
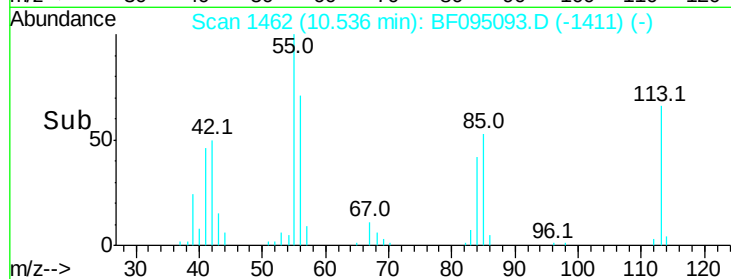
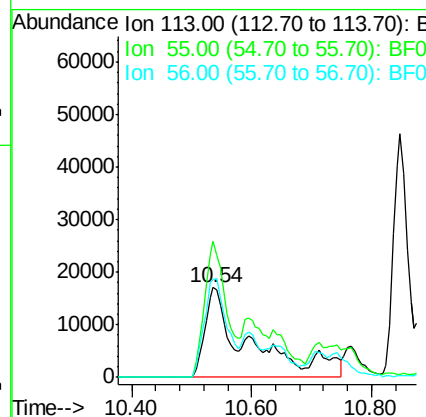
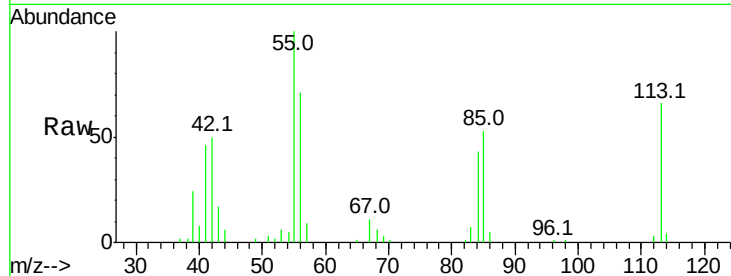
#35  
 Caprolactam  
 Concen: 58.49 ng/ml  
 RT: 10.54 min Scan# 1462  
 Delta R.T. 0.00 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

Tot Ion:113 Resp: 86572  
 Ion Ratio Lower Upper  
 113 100  
 55 152.0 150.2 190.2  
 56 108.6 107.8 147.8

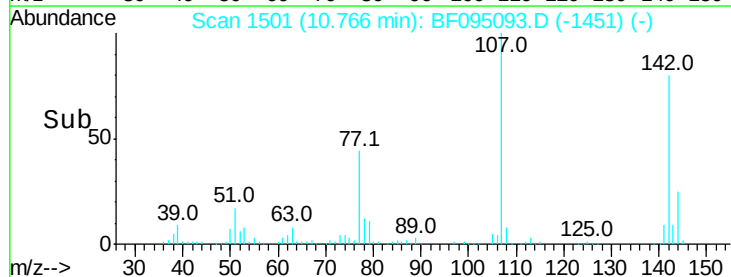
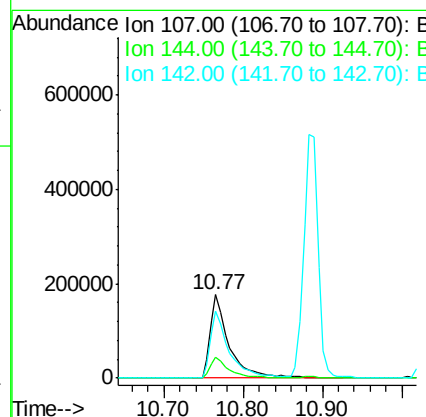
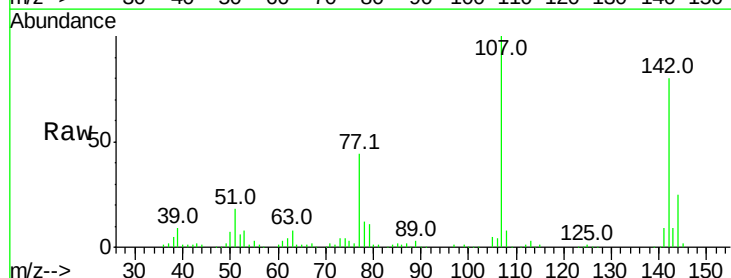
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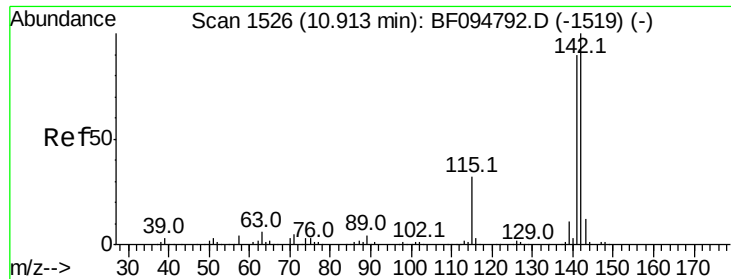
mohammad  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 55.83 ng/ml  
 RT: 10.77 min Scan# 1501  
 Delta R.T. -0.01 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Tgt Ion:107 Resp: 294232  
 Ion Ratio Lower Upper  
 107 100  
 144 25.2 24.2 36.4  
 142 80.4 73.4 110.0





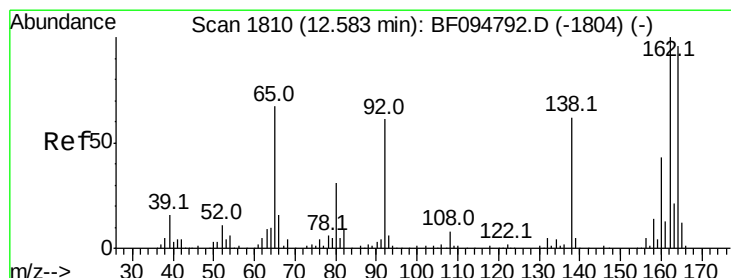
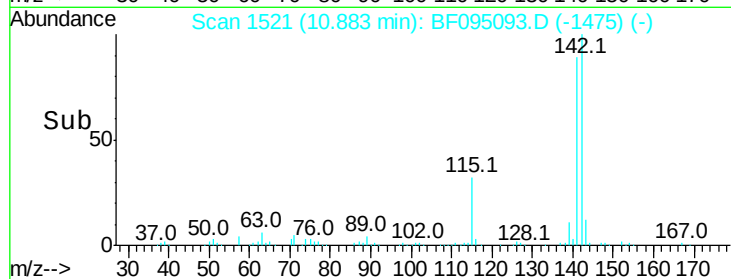
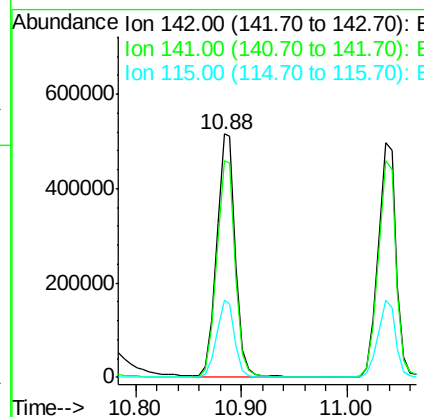
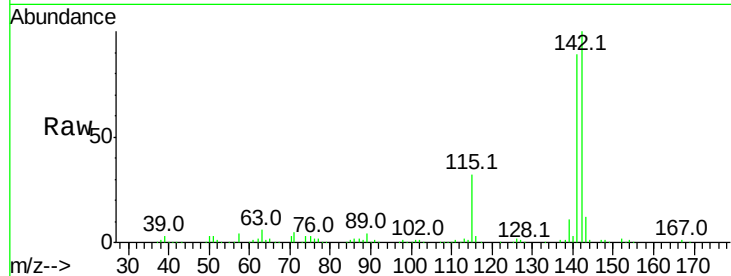
#37  
 2-Methylnaphthalene  
 Concen: 54.44 ng  
 RT: 10.88 min Scan# 1521  
 Delta R.T. -0.03 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 71.3  | 106.9 |
| 115     | 31.8  | 27.1  | 40.7  |

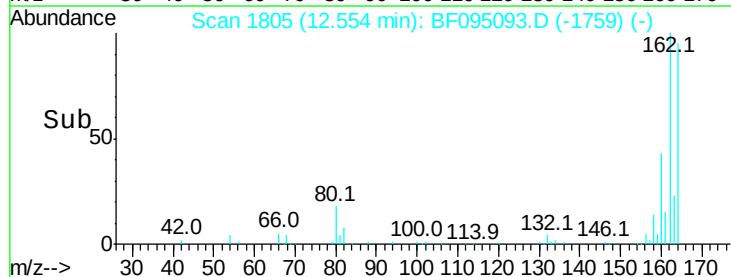
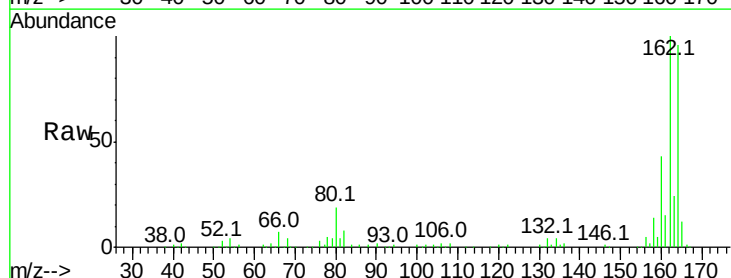
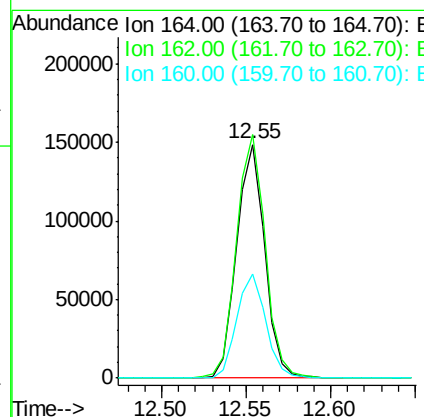
Manual Integrations  
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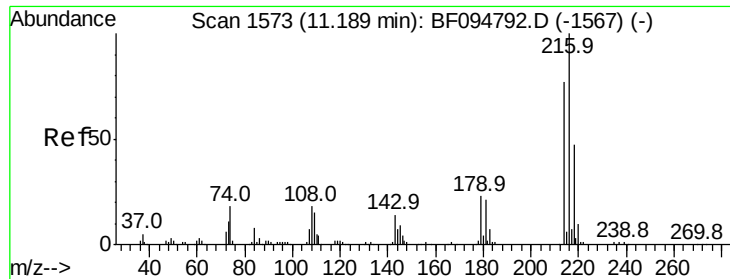
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 12.55 min Scan# 1805  
 Delta R.T. -0.03 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.1 | 82.6  | 123.8 |
| 160     | 44.3  | 36.2  | 54.2  |





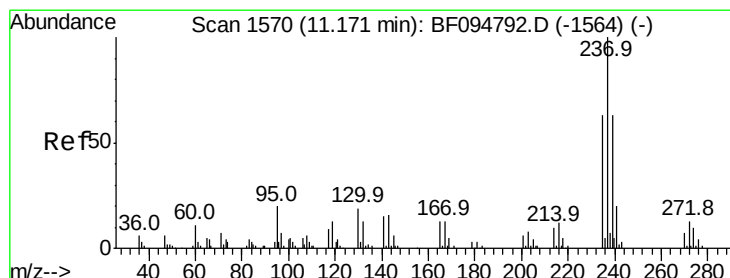
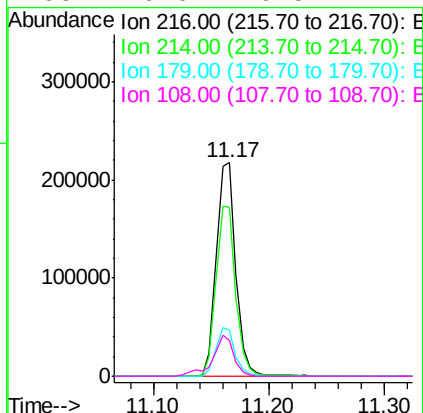
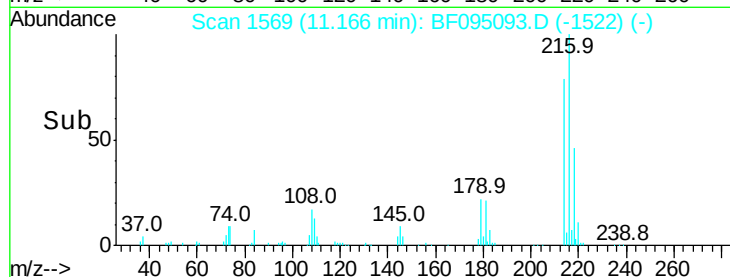
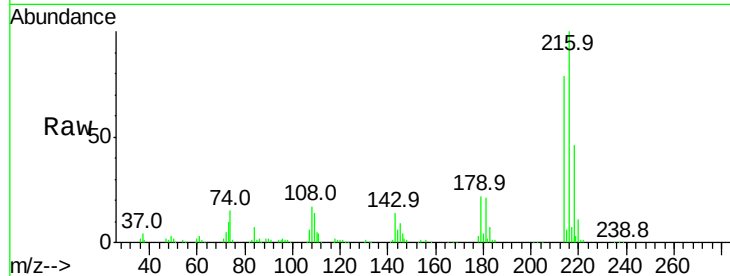
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.39 ng  
 RT: 11.17 min Scan# 1569  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 254469 |       |       |
| 214     | 80.3  | 63.4   | 95.2  |       |
| 179     | 22.0  | 17.9   | 26.9  |       |
| 108     | 20.6  | 16.5   | 24.7  |       |

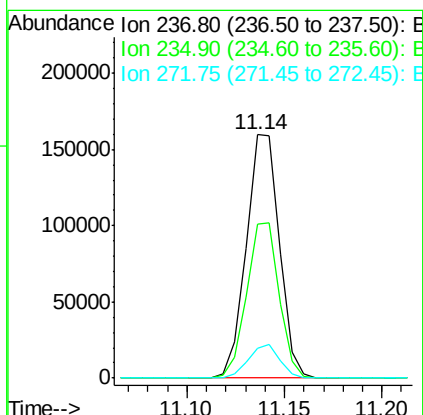
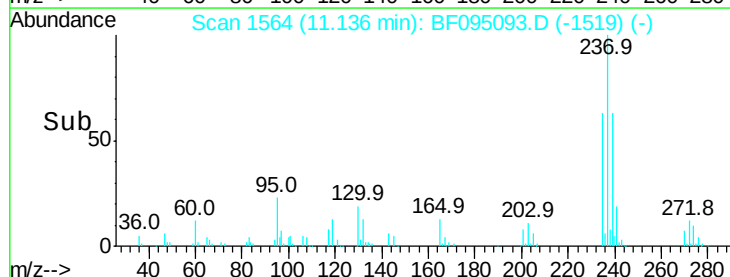
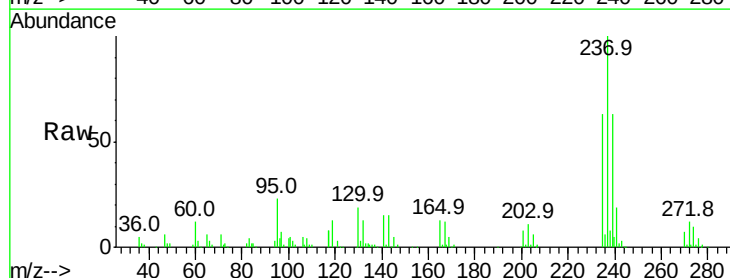
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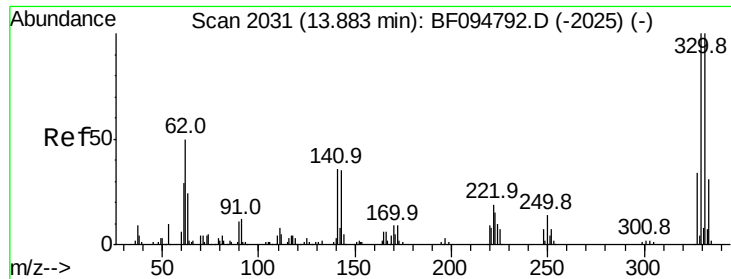


#40  
 Hexachlorocyclopentadiene  
 Concen: 84.47 ng  
 RT: 11.14 min Scan# 1564  
 Delta R.T. -0.04 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 187540 |       |       |
| 235     | 63.1  | 42.6   | 82.6  |       |
| 272     | 12.2  | 0.0    | 31.9  |       |







#41

2,4,6-Tribromophenol

Concen: 164.36 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

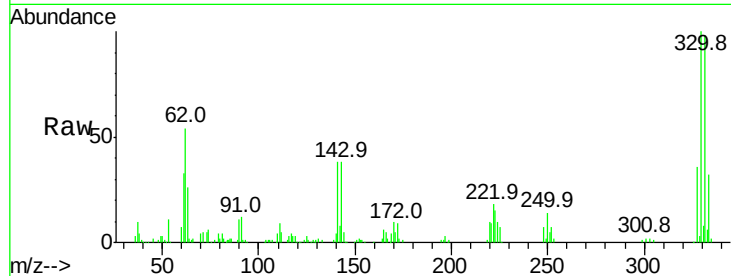
ClientSampleId :

SB-03-COMPMSD

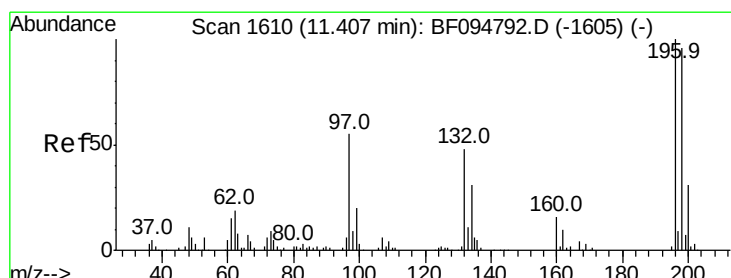
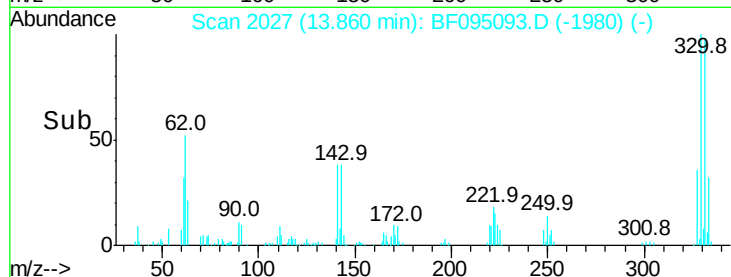
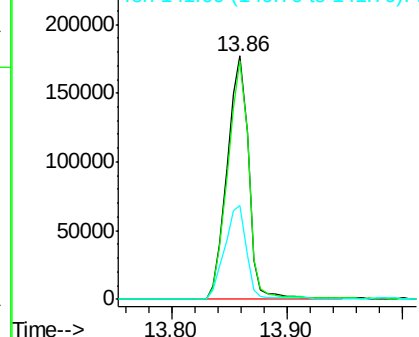
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 230174 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.5  | 76.6  | 115.0  |
| 141       | 39.5  | 31.4  | 47.2   |

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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: 52.87 ng

RT: 11.39 min Scan# 1607

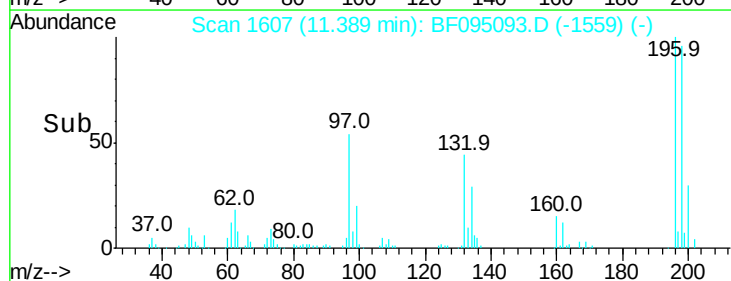
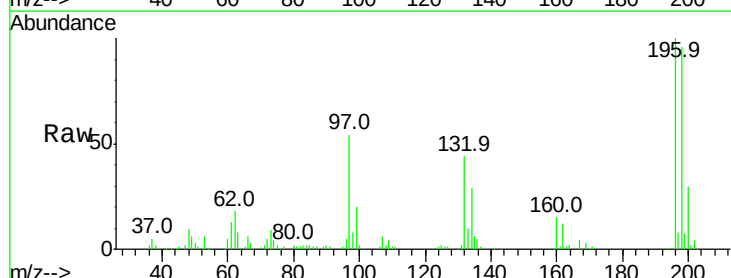
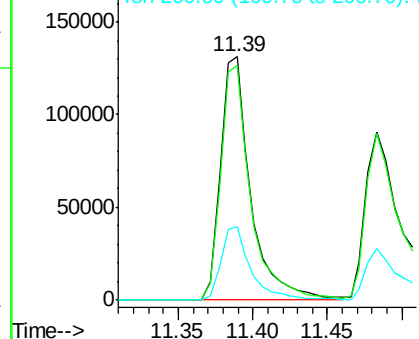
Delta R.T. -0.02 min

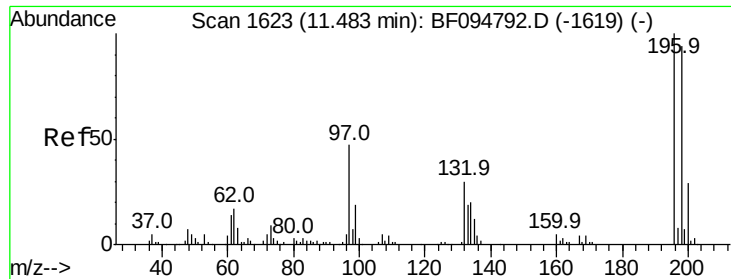
Lab File: BF095093.D

Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 185638 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.2  | 74.2  | 111.4  |
| 200       | 30.3  | 24.0  | 36.0   |

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





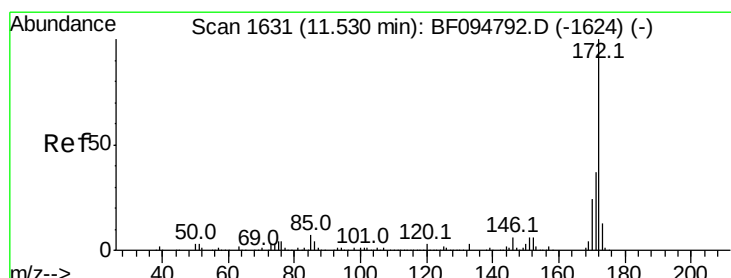
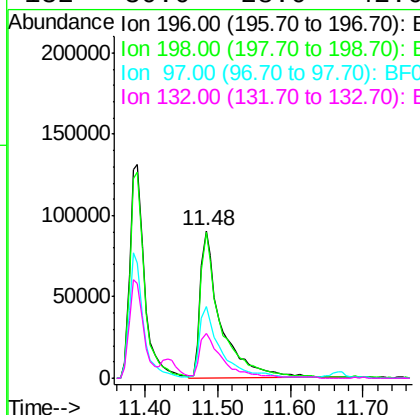
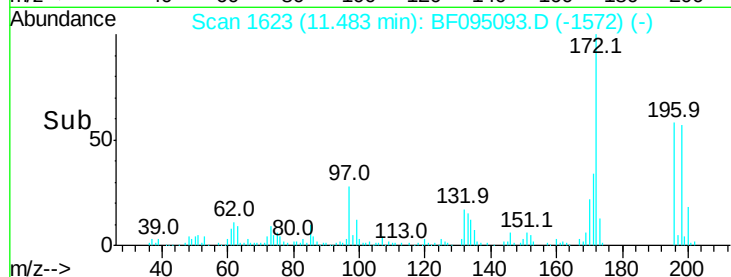
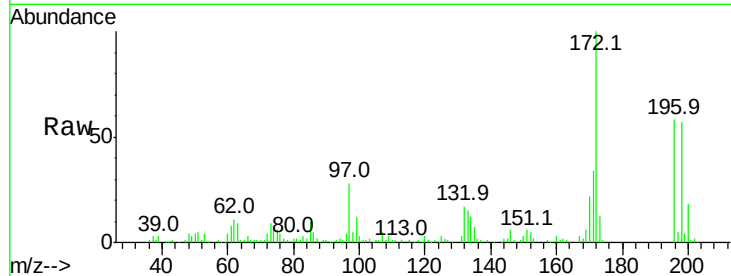
#43  
2,4,5-Trichlorophenol  
Concen: 47.51 ng  
RT: 11.48 min Scan# 1623  
Delta R.T. 0.00 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 179272 |       |       |
| 198     | 98.8  | 75.7   | 113.5 |       |
| 97      | 48.6  | 47.7   | 71.5  |       |
| 132     | 30.0  | 28.0   | 42.0  |       |

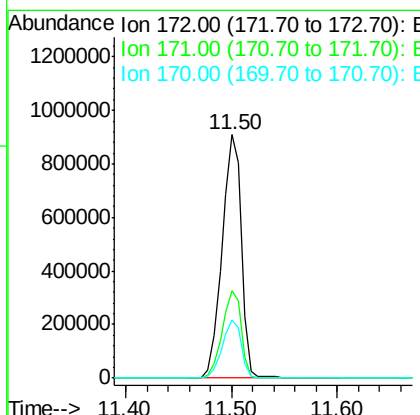
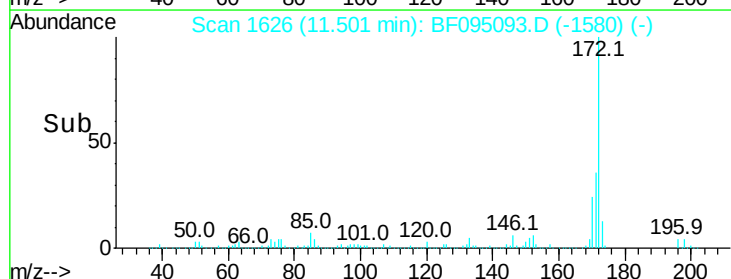
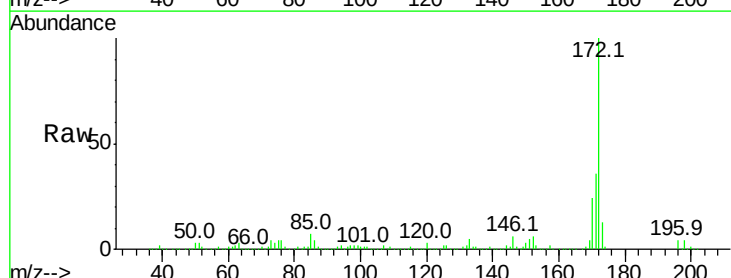
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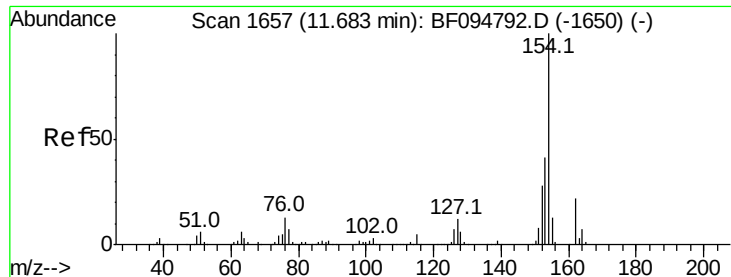
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#44  
2-Fluorobiphenyl  
Concen: 97.52 ng  
RT: 11.50 min Scan# 1626  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1158571 |       |       |
| 171     | 35.8  | 29.6    | 44.4  |       |
| 170     | 24.1  | 19.8    | 29.8  |       |





#45

1,1'-Biphenyl

Concen: 50.06 ng

RT: 11.65 min Scan# 1652

Delta R.T. -0.03 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

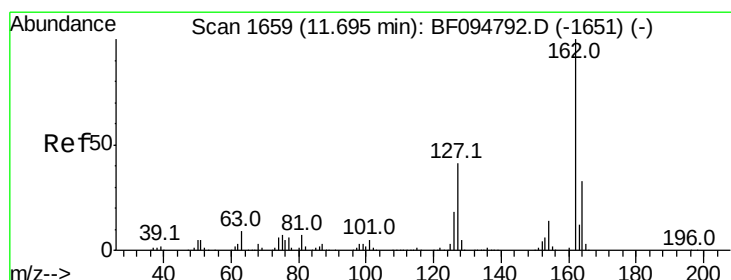
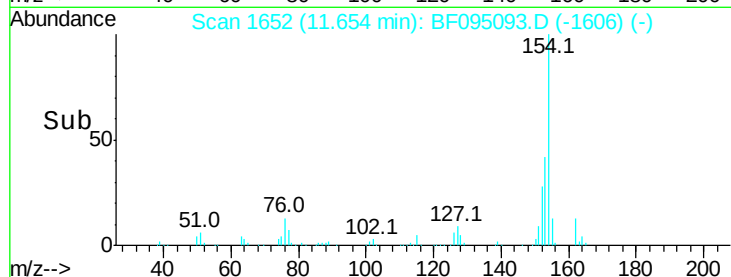
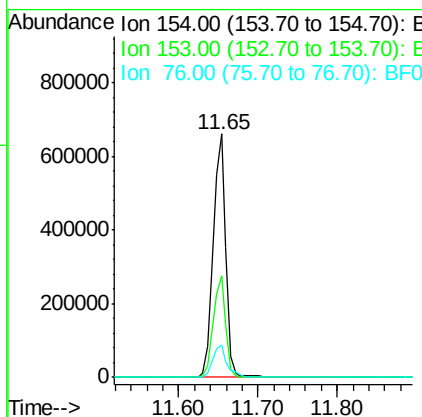
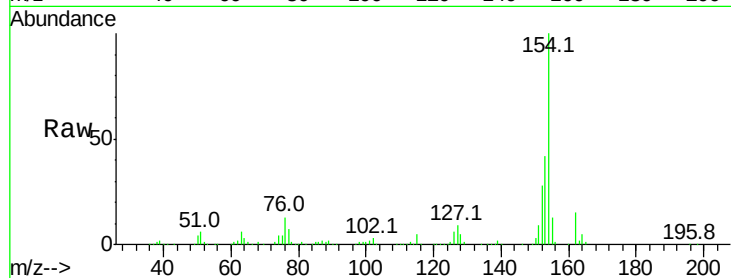
ClientSampleId :

SB-03-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 720766 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.9  | 21.2  | 61.2   |
| 76        | 13.2  | 0.0   | 29.9   |

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#46

2-Chloronaphthalene

Concen: 50.19 ng

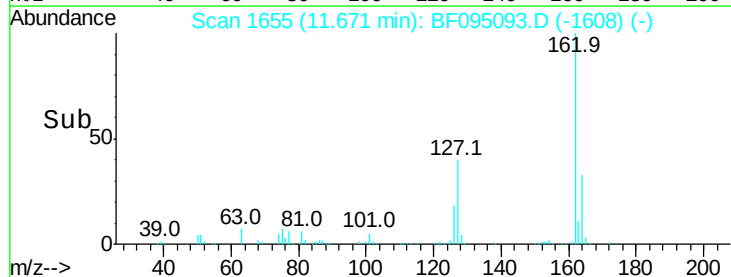
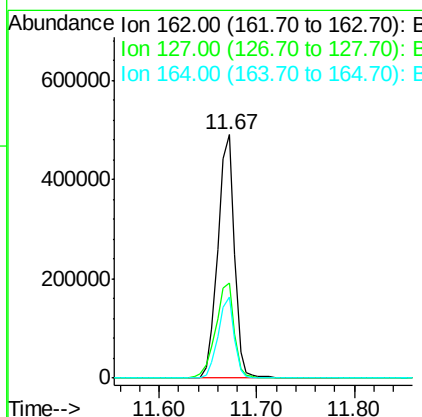
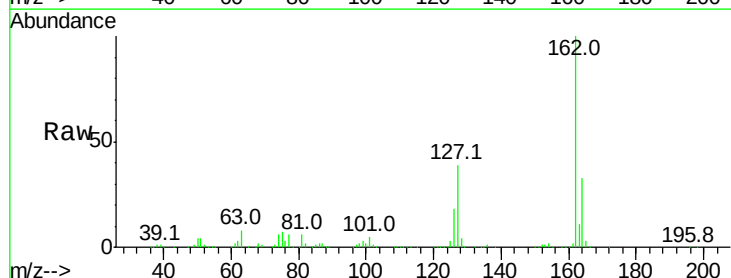
RT: 11.67 min Scan# 1655

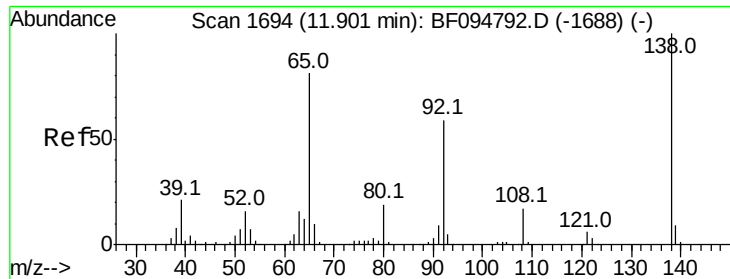
Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 583496 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.2  | 28.3  | 42.5   |
| 164       | 33.1  | 27.0  | 40.4   |





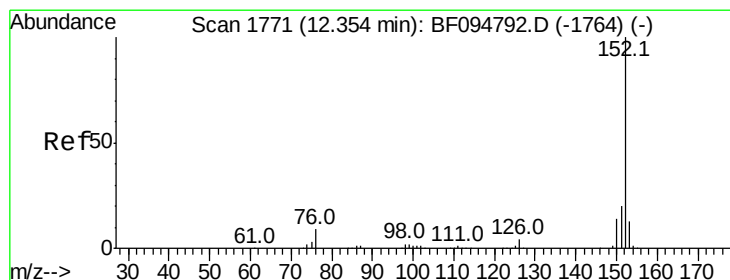
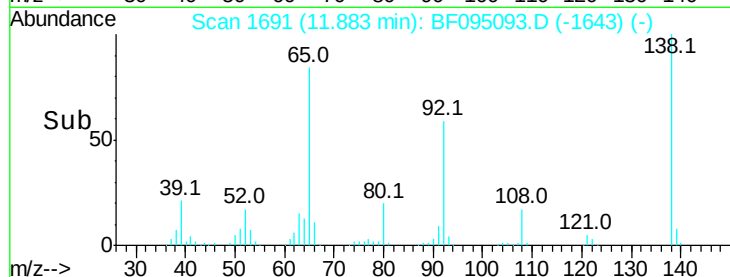
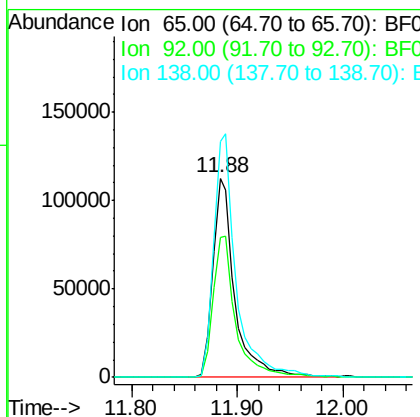
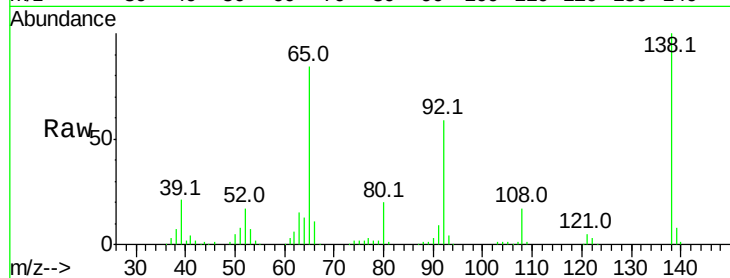
#47  
2-Nitroaniline  
Concen: 52.19 ng  
RT: 11.88 min Scan# 1691  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampled :  
SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.2  | 53.9  | 80.9  |
| 138     | 118.6 | 78.8  | 118.2 |

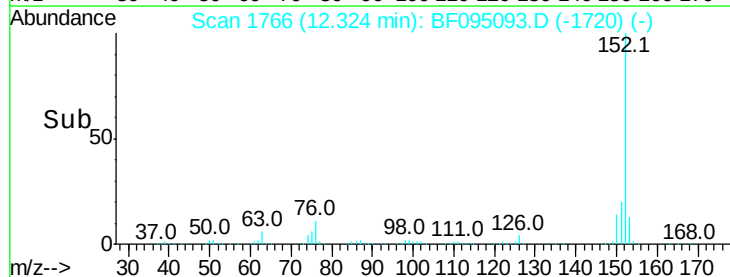
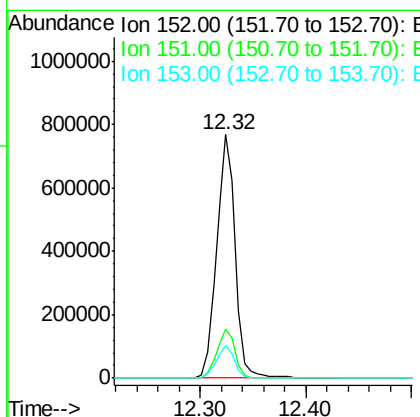
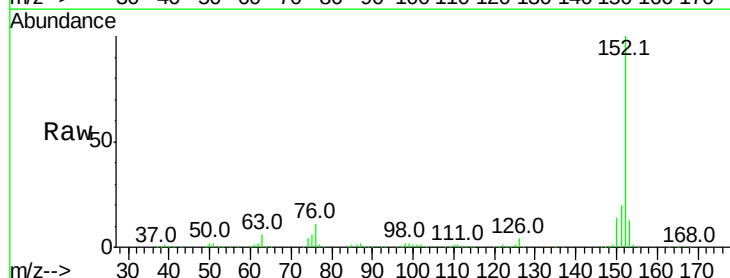
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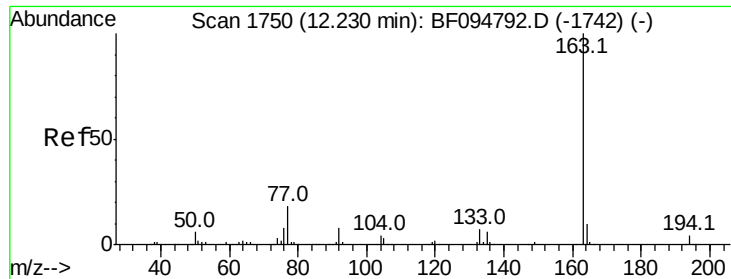
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#48  
Acenaphthylene  
Concen: 51.72 ng  
RT: 12.32 min Scan# 1766  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 16.8  | 25.2  |
| 153     | 13.2  | 10.8  | 16.2  |





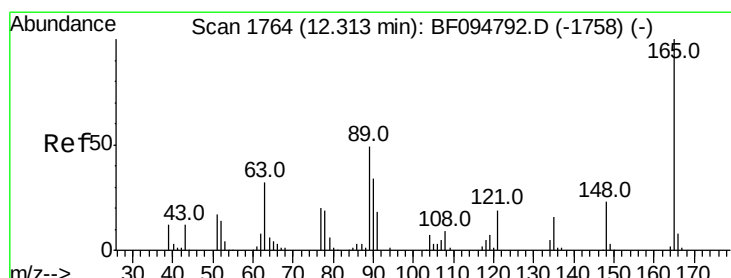
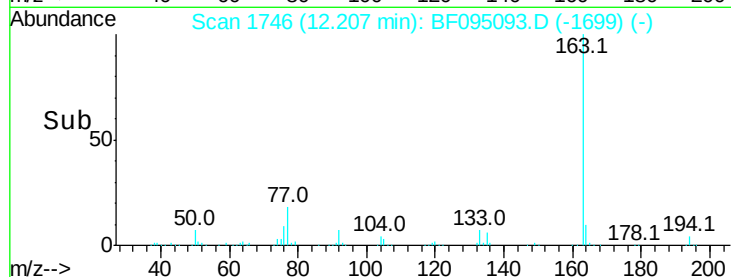
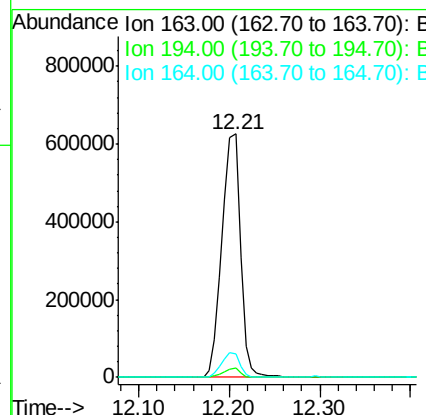
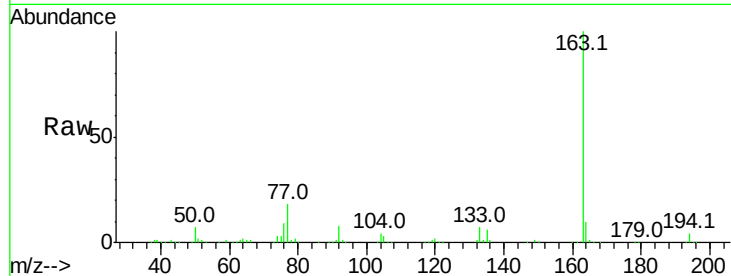
#49  
Dimethylphthalate  
Concen: 63.55 ng  
RT: 12.21 min Scan# 1746  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 892107 |       |       |
| 194     | 3.8   | 2.6    | 4.0   |       |
| 164     | 9.7   | 8.4    | 12.6  |       |

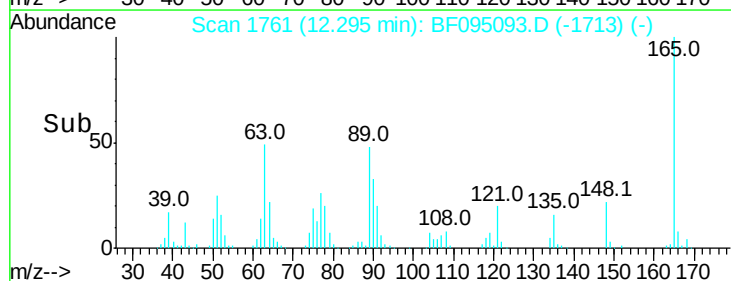
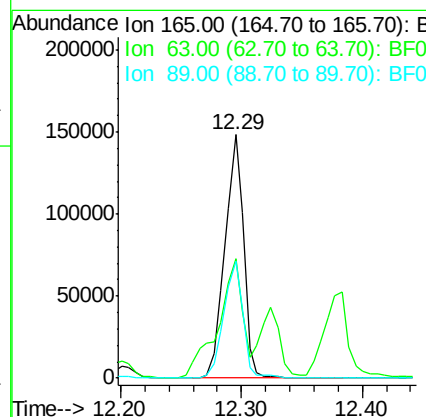
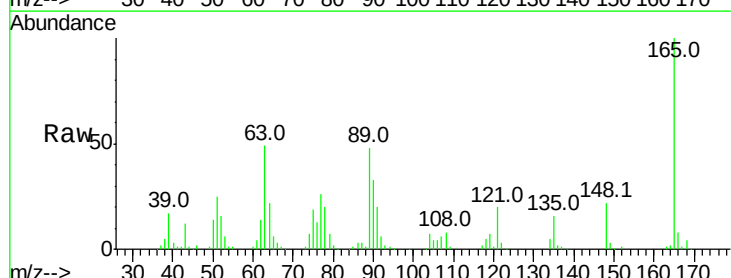
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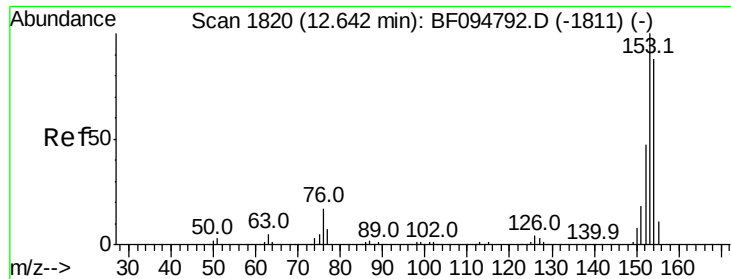
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#50  
2,6-Dinitrotoluene  
Concen: 55.47 ng  
RT: 12.29 min Scan# 1761  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 158849 |       |       |
| 63      | 49.1  | 34.3   | 51.5  |       |
| 89      | 48.3  | 37.1   | 55.7  |       |





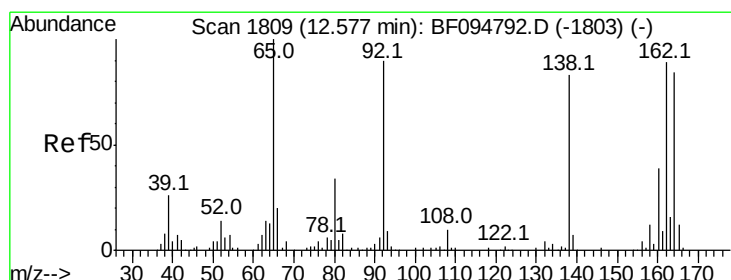
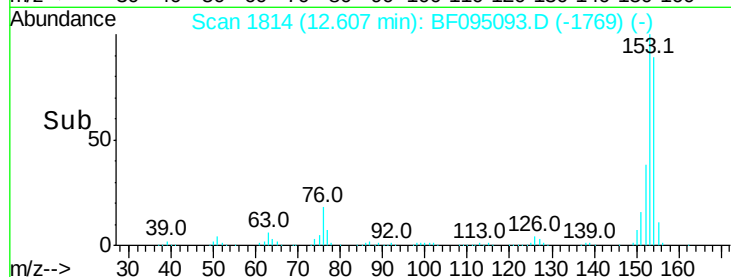
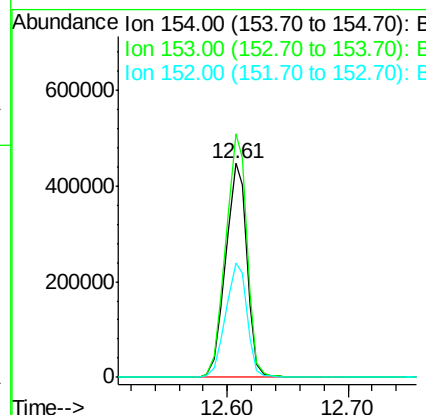
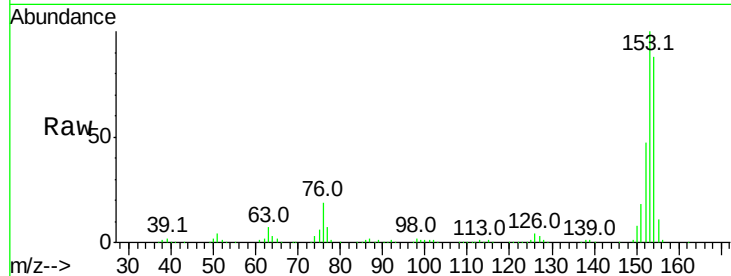
#51  
Acenaphthene  
Concen: 49.93 ng  
RT: 12.61 min Scan# 1814  
Delta R.T. -0.04 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.9 | 90.5  | 135.7 |
| 152     | 53.6  | 43.6  | 65.4  |

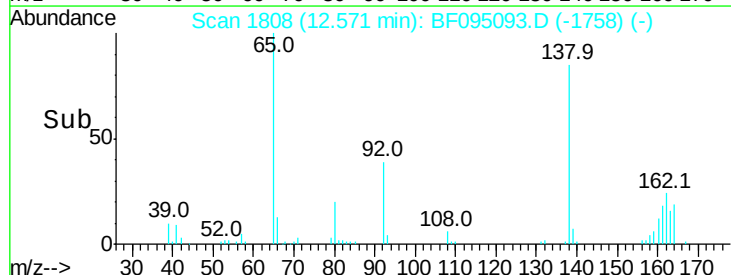
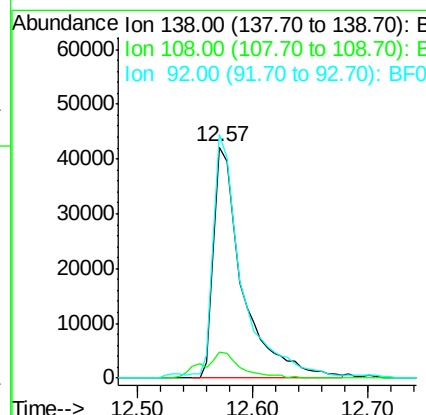
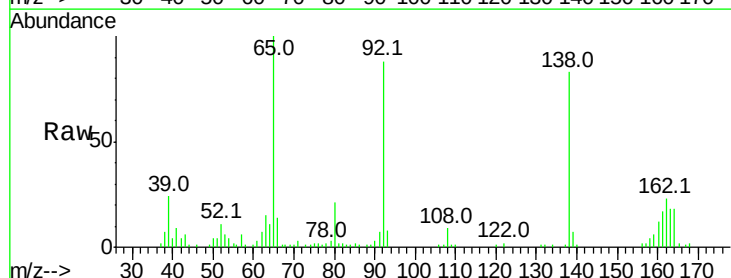
Manual Integrations  
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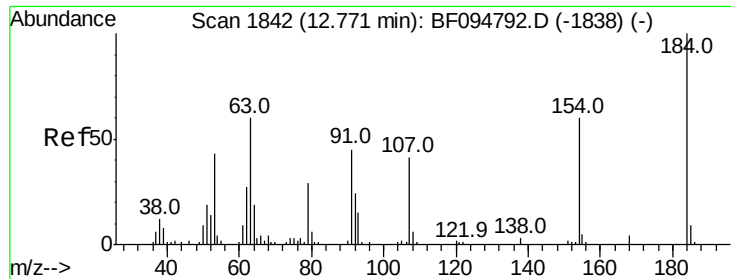
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#52  
3-Nitroaniline  
Concen: 24.25 ng  
RT: 12.57 min Scan# 1808  
Delta R.T. -0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.2  | 9.1   | 13.7  |
| 92      | 105.3 | 93.8  | 140.6 |





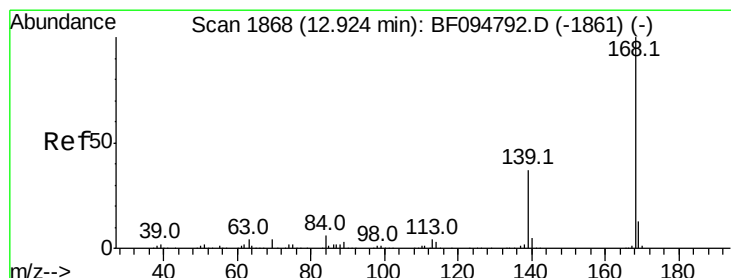
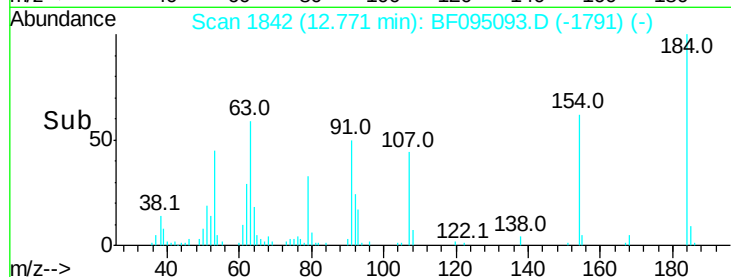
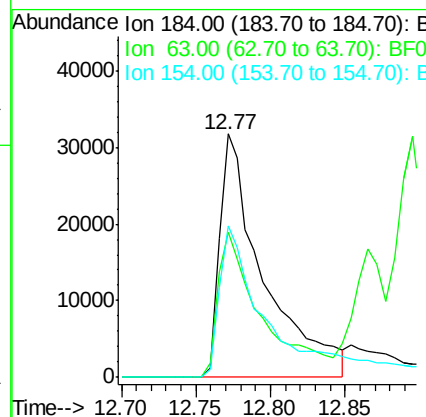
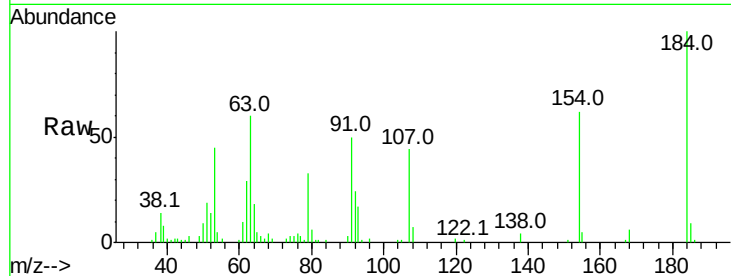
#53  
 2,4-Dinitrophenol  
 Concen: 44.00 ng  
 RT: 12.77 min Scan# 1842  
 Delta R.T. 0.00 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

Tot Ion:184 Resp: 64593  
 Ion Ratio Lower Upper  
 184 100  
 63 59.6 62.7 94.1#  
 154 62.2 81.1 121.7#

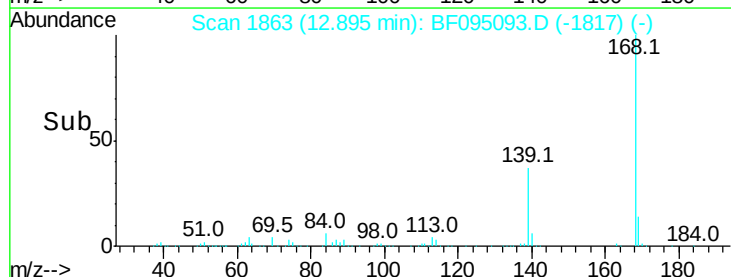
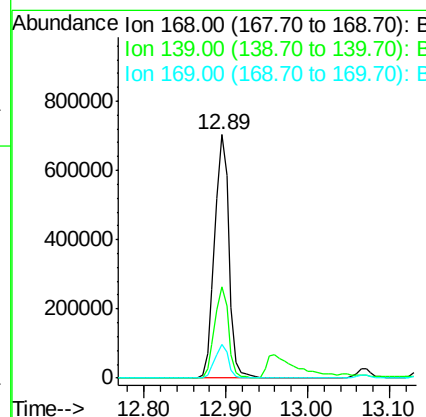
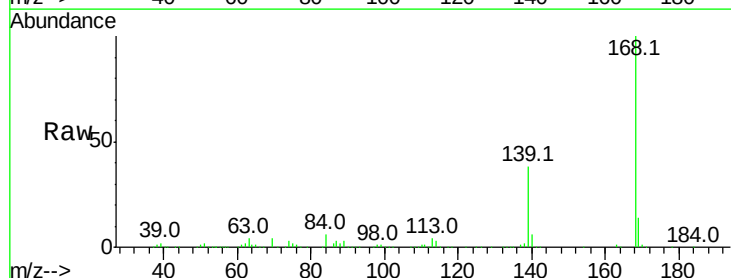
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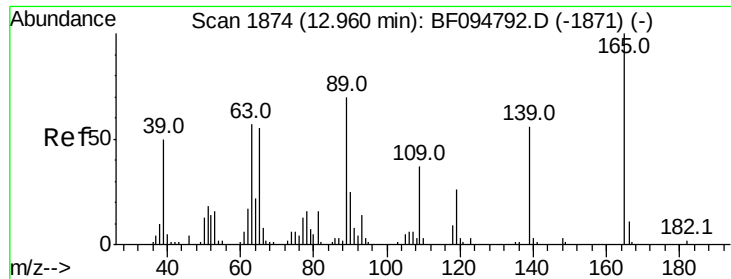
mohammad  
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#54  
 Dibenzofuran  
 Concen: 57.36 ng  
 RT: 12.89 min Scan# 1863  
 Delta R.T. -0.03 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Tgt Ion:168 Resp: 863236  
 Ion Ratio Lower Upper  
 168 100  
 139 37.5 30.6 45.8  
 169 13.7 10.8 16.2





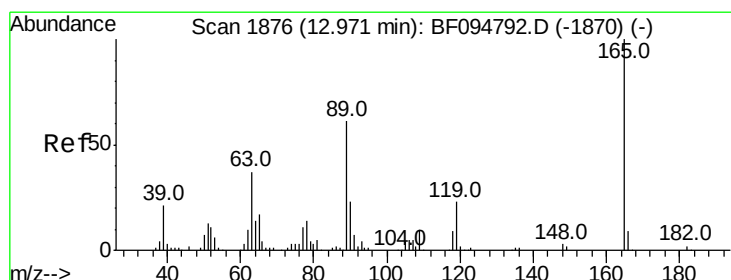
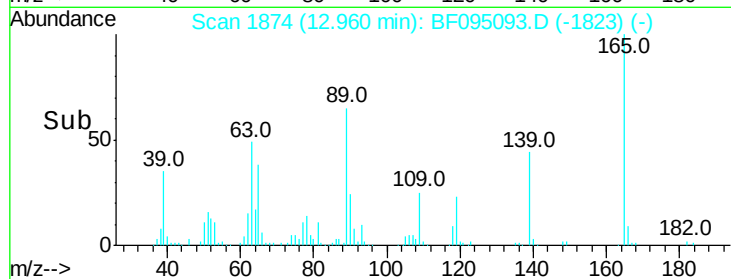
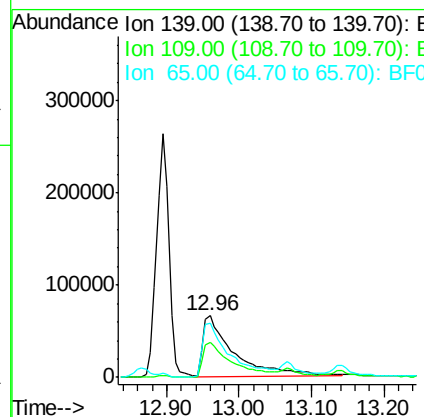
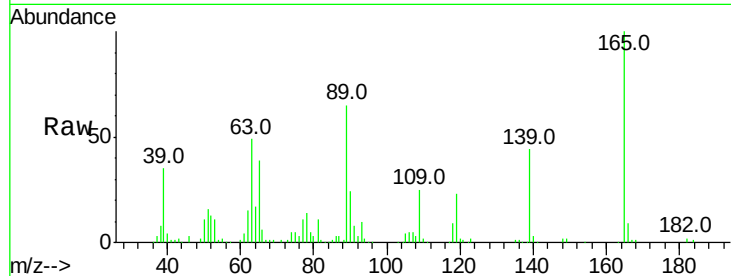
#55  
4-Nitrophenol  
Concen: 106.77 ng  
RT: 12.96 min Scan# 1874  
Delta R.T. 0.00 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 197119 |       |       |
| 109     | 57.6  | 34.1   | 74.1  |       |
| 65      | 87.9  | 31.4   | 71.4  |       |

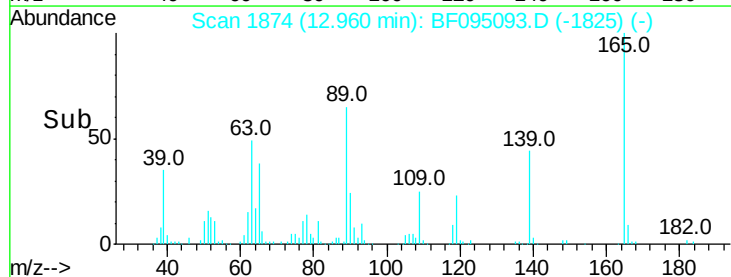
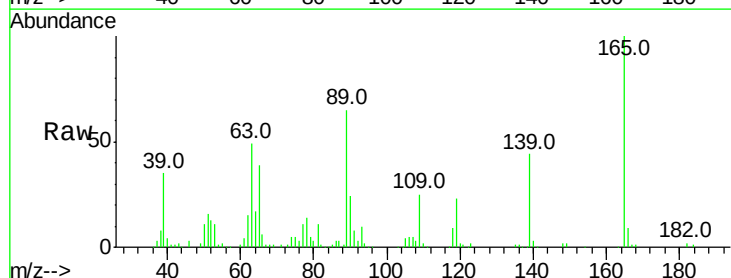
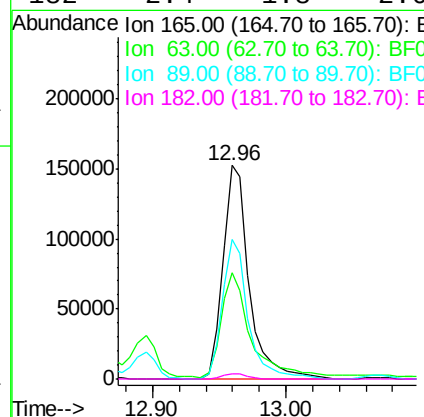
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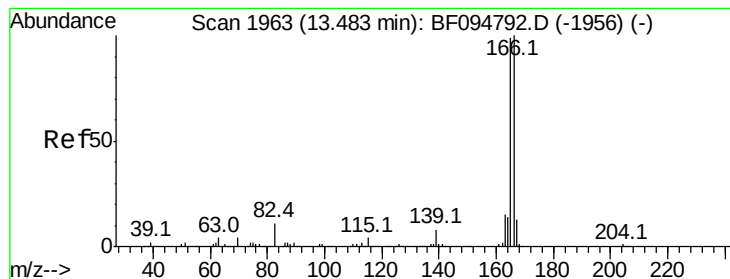


#56  
2,4-Dinitrotoluene  
Concen: 57.32 ng  
RT: 12.96 min Scan# 1874  
Delta R.T. -0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 210934 |       |       |
| 63      | 49.5  | 25.4   | 38.0  |       |
| 89      | 65.1  | 46.4   | 69.6  |       |
| 182     | 2.4   | 1.8    | 2.6   |       |







#57

Fluorene

Concen: 53.18 ng

RT: 13.45 min Scan# 1958

Delta R.T. -0.03 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

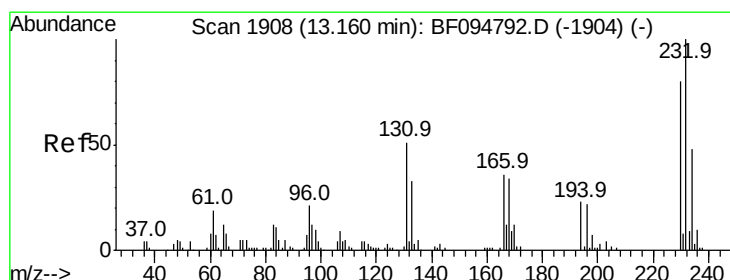
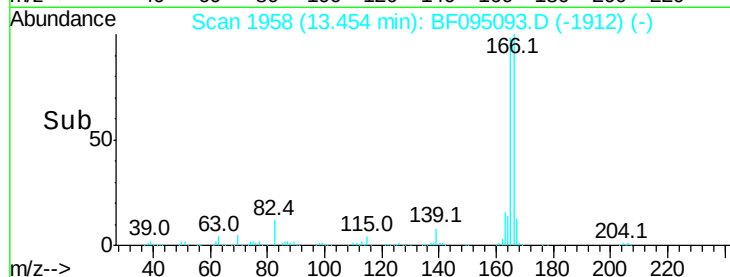
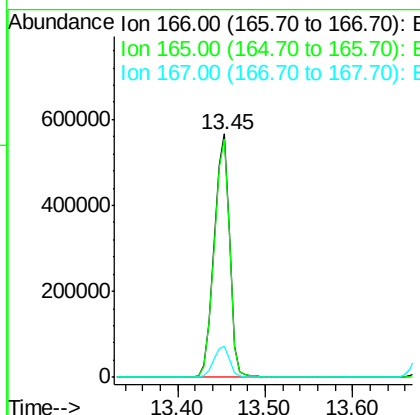
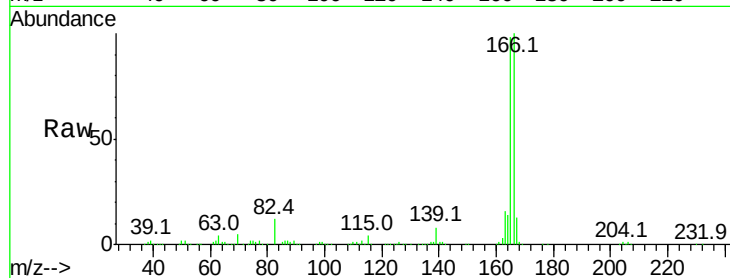
ClientSampleId :

SB-03-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 695973 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.0  | 78.8  | 118.2  |
| 167       | 12.9  | 10.6  | 16.0   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 63.06 ng

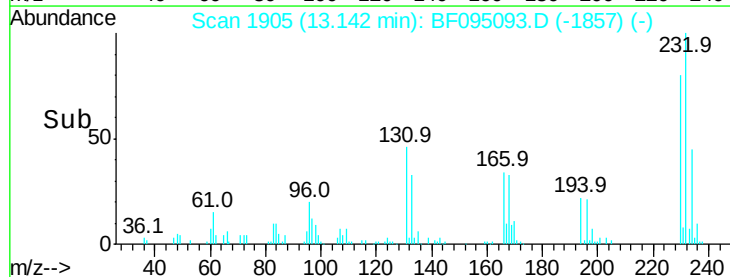
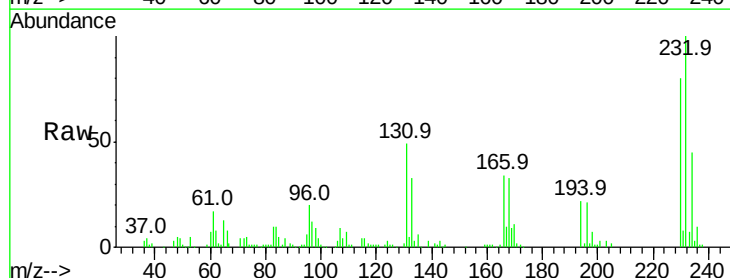
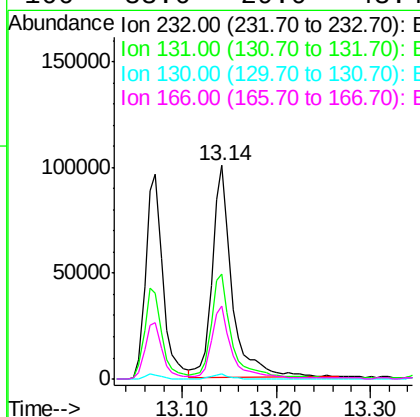
RT: 13.14 min Scan# 1905

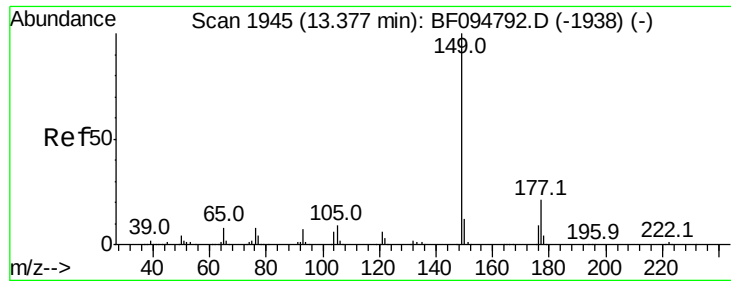
Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 149752 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 50.3  | 44.8  | 67.2   |
| 130       | 2.1   | 2.3   | 3.5#   |
| 166       | 33.6  | 29.0  | 43.4   |





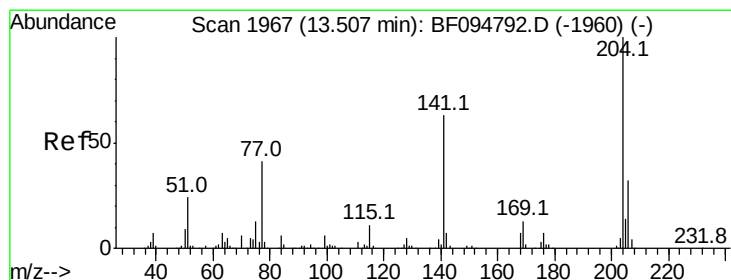
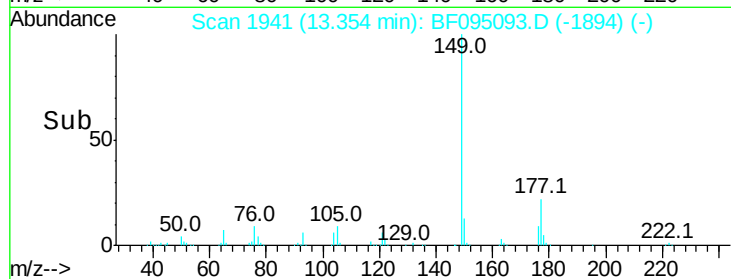
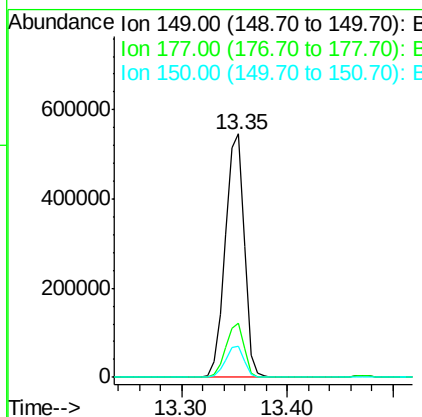
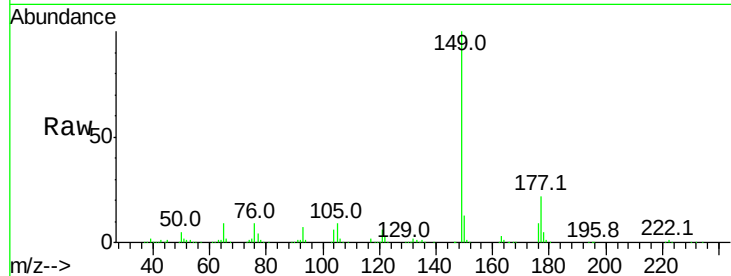
#59  
Diethylphthalate  
Concen: 50.76 ng  
RT: 13.35 min Scan# 1941  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampled :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 683019 |       |       |
| 177     | 22.0  |        | 16.7  | 25.1  |
| 150     | 12.9  |        | 10.2  | 15.2  |

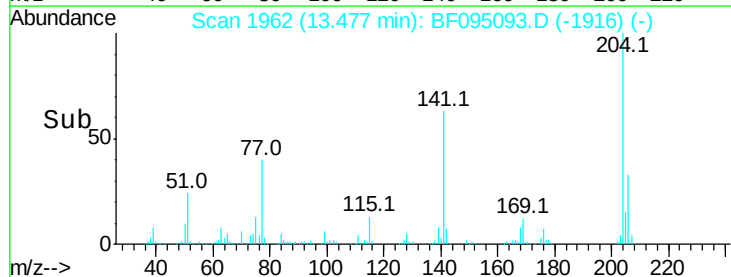
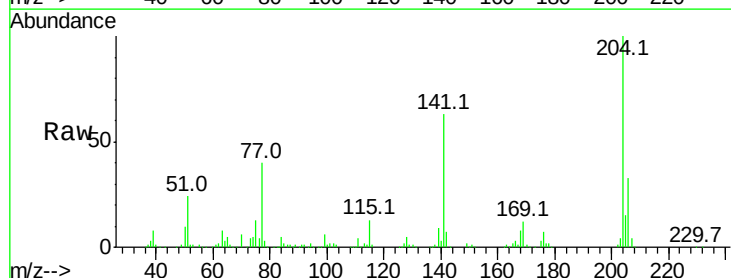
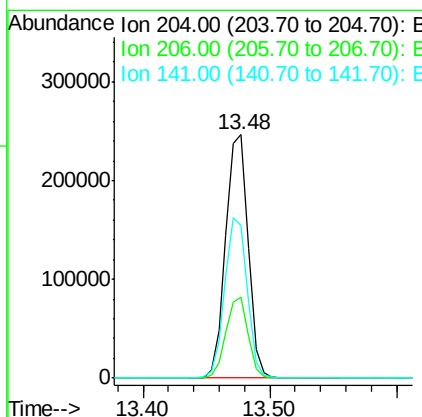
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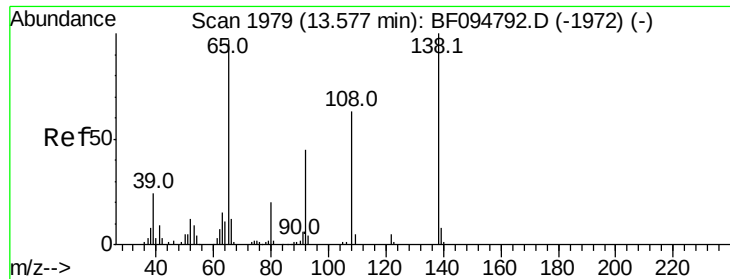
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#60  
4-Chlorophenyl-phenylether  
Concen: 52.76 ng  
RT: 13.48 min Scan# 1962  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 303451 |       |       |
| 206     | 33.4  |        | 26.2  | 39.2  |
| 141     | 62.7  |        | 60.8  | 91.2  |





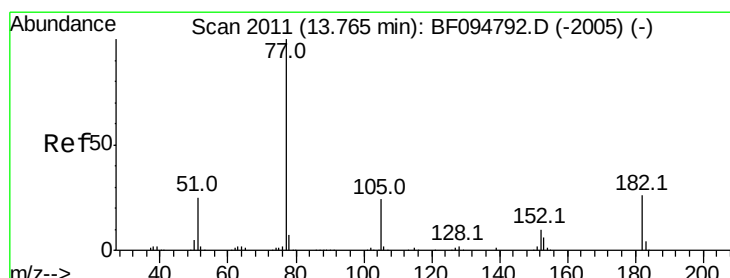
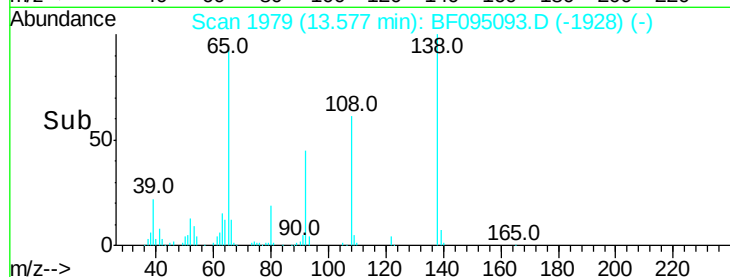
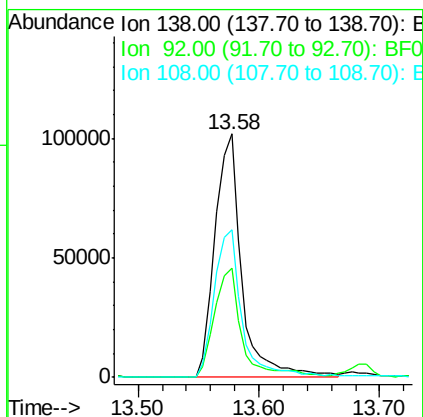
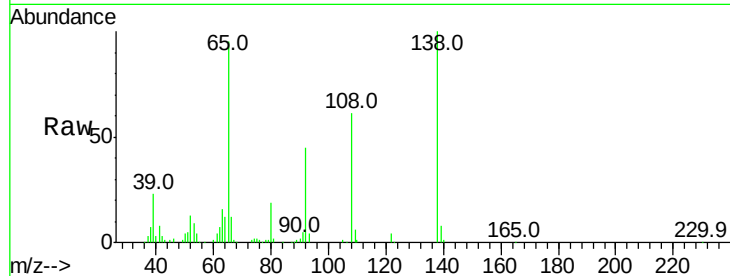
#61  
4-Nitroaniline  
Concen: 55.47 ng  
RT: 13.58 min Scan# 1979  
Delta R.T. 0.00 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 156537 |       |       |
| 92      | 44.7  | 21.8   | 61.8  |       |
| 108     | 60.8  | 42.3   | 82.3  |       |

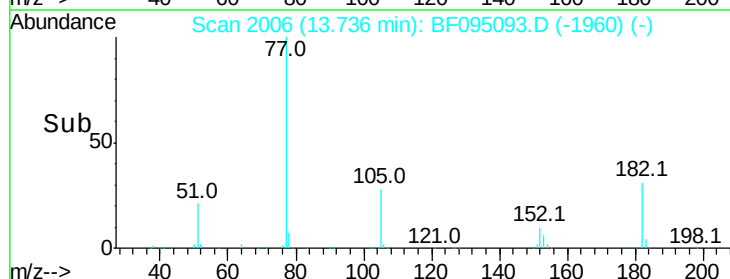
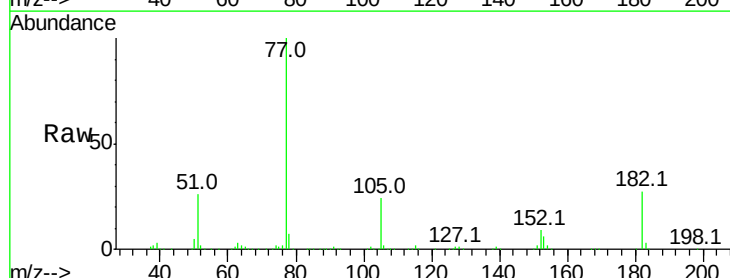
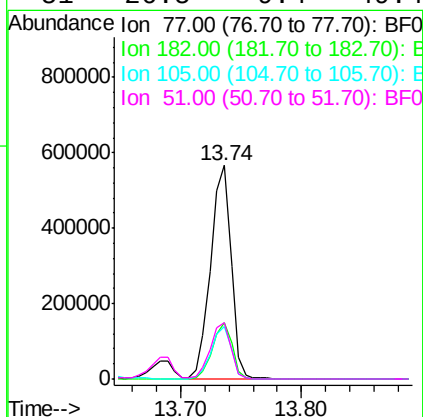
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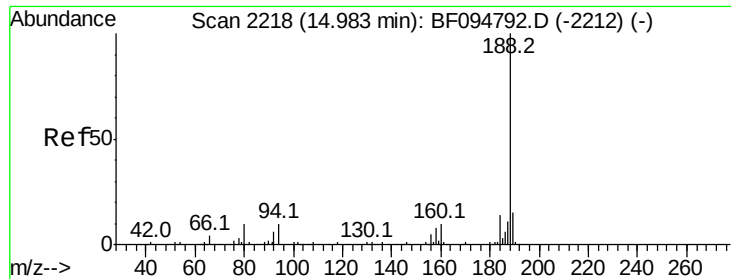
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#62  
Azobenzene  
Concen: 60.93 ng  
RT: 13.74 min Scan# 2006  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 658801 |       |       |
| 182     | 26.6  | 0.1    | 40.1  |       |
| 105     | 24.4  | 3.6    | 43.6  |       |
| 51      | 26.5  | 9.4    | 49.4  |       |





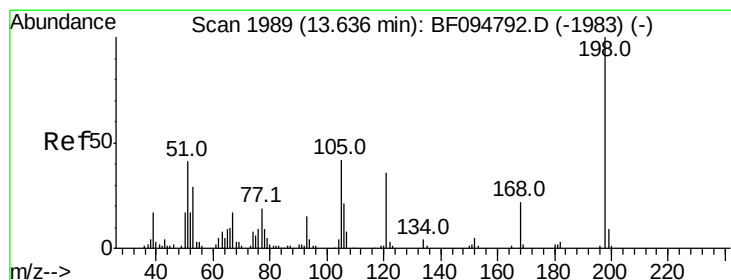
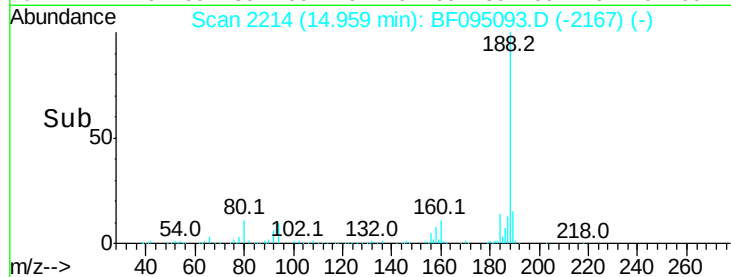
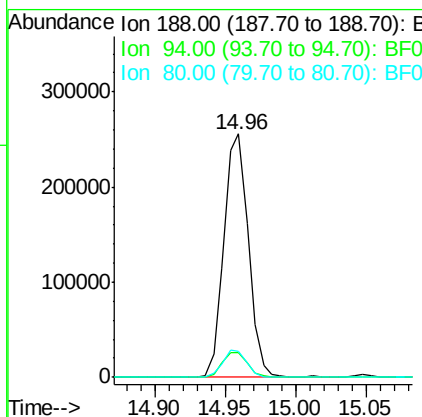
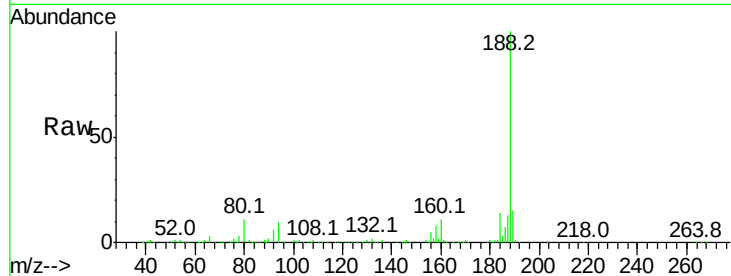
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.96 min Scan# 2214  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 188     | 100   |      |       |       |
| 94      | 10.0  | 9.4  | 14.2  |       |
| 80      | 10.8  | 10.2 | 15.2  |       |

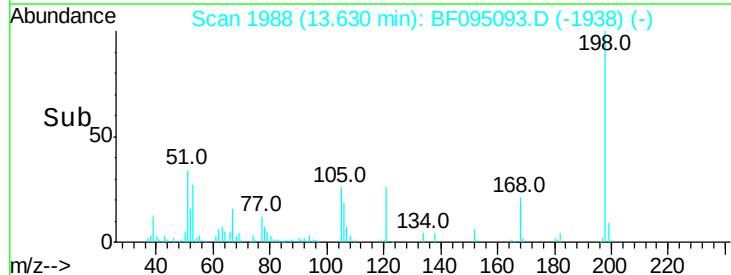
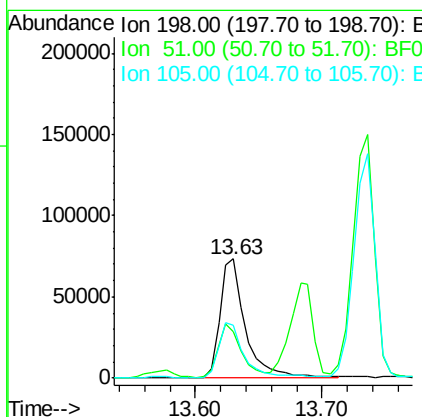
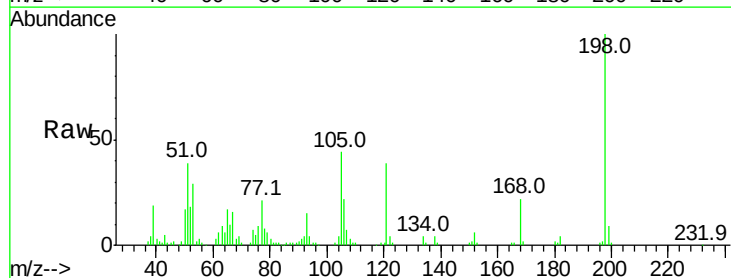
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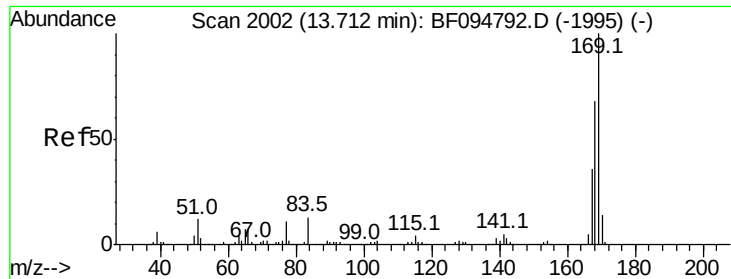
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 50.01 ng  
RT: 13.63 min Scan# 1988  
Delta R.T. -0.01 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 39.2  | 53.2 | 93.2# |       |
| 105     | 44.0  | 45.8 | 85.8# |       |





#65

n-Nitrosodiphenylamine

Concen: 53.17 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

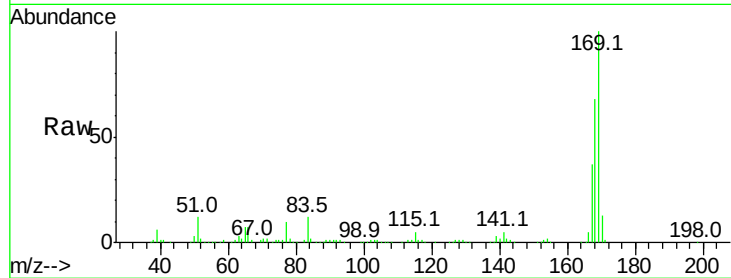
ClientSampleId :

SB-03-COMPMSD

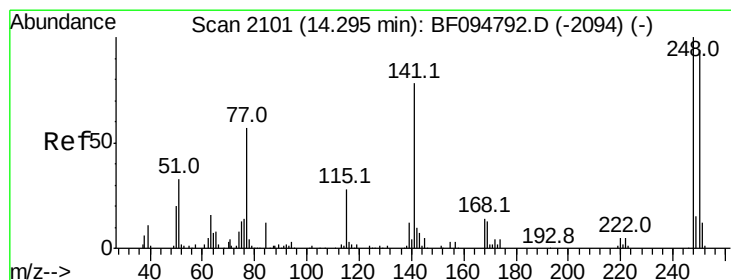
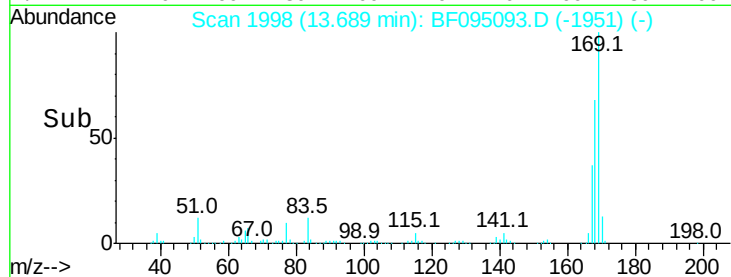
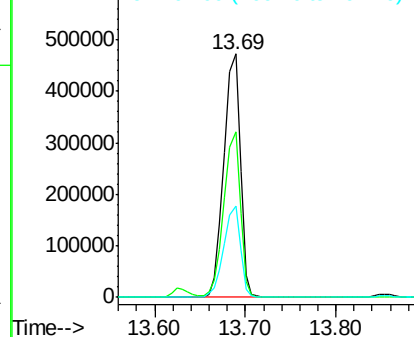
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 596706 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.1  | 53.2  | 79.8   |
| 167       | 37.4  | 29.5  | 44.3   |

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Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.77 ng

RT: 14.26 min Scan# 2095

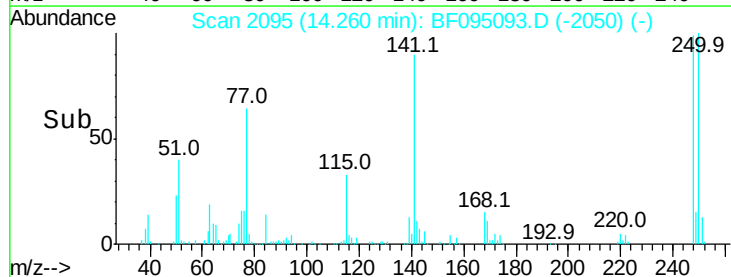
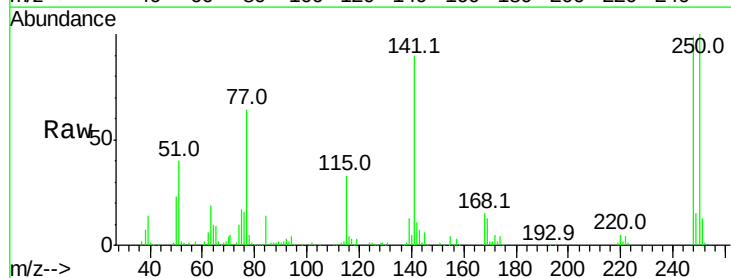
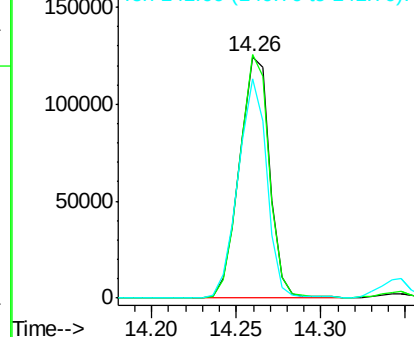
Delta R.T. -0.04 min

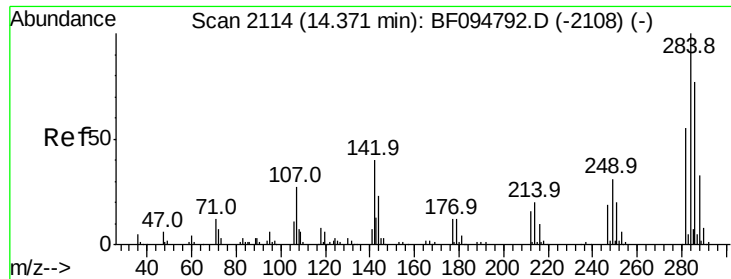
Lab File: BF095093.D

Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 156073 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 100.8 | 76.8  | 115.2  |
| 141       | 91.0  | 68.6  | 103.0  |

Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.29 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

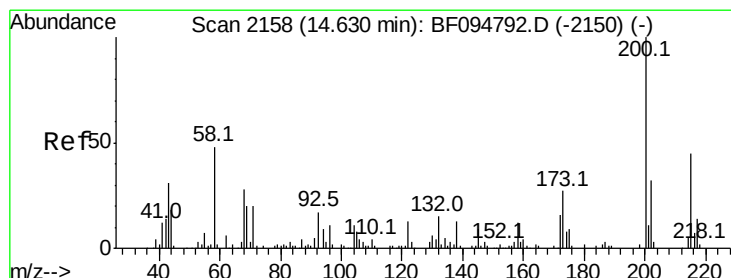
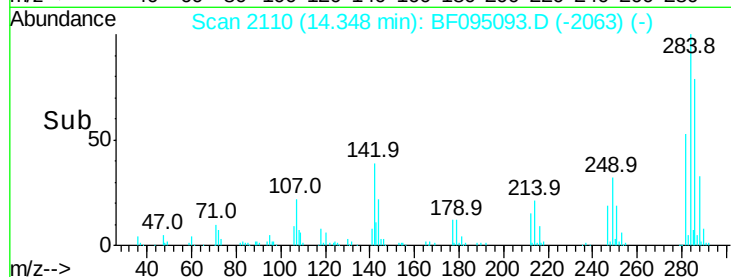
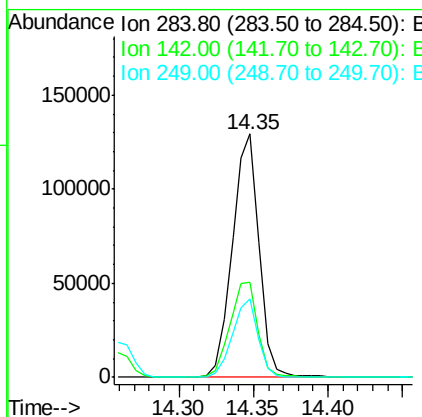
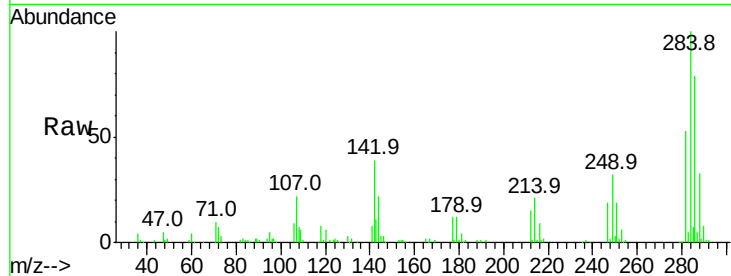
ClientSampleId :

SB-03-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 161672 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 39.2  | 22.8  | 34.2#  |
| 249       | 32.2  | 24.0  | 36.0   |

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#68

Atrazine

Concen: 55.17 ng

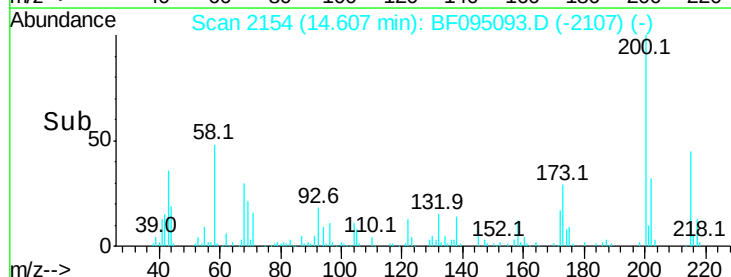
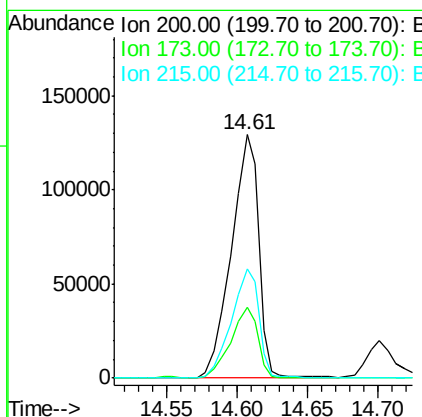
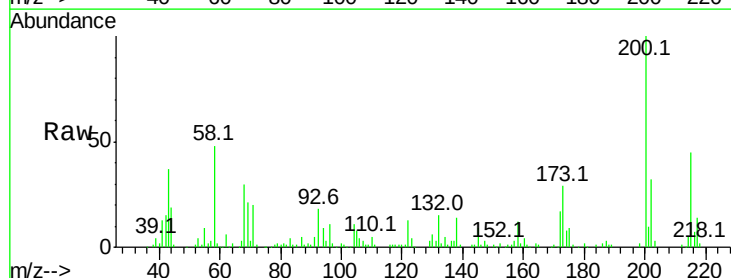
RT: 14.61 min Scan# 2154

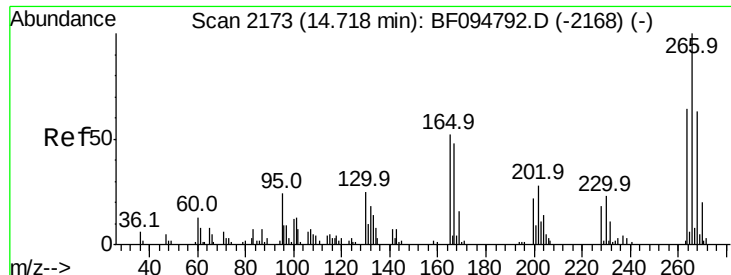
Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 174817 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 29.0  | 6.3   | 46.3   |
| 215       | 44.9  | 27.2  | 67.2   |





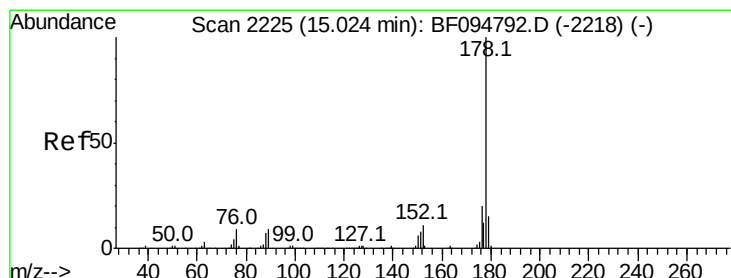
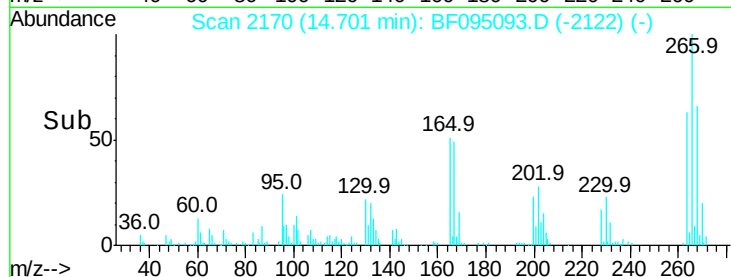
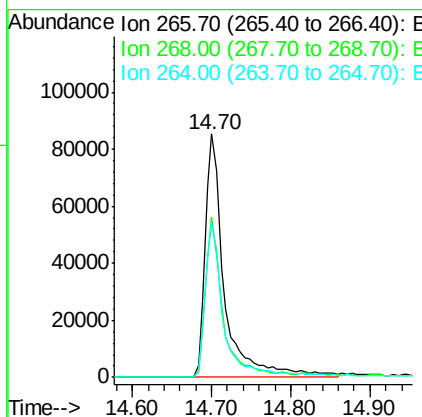
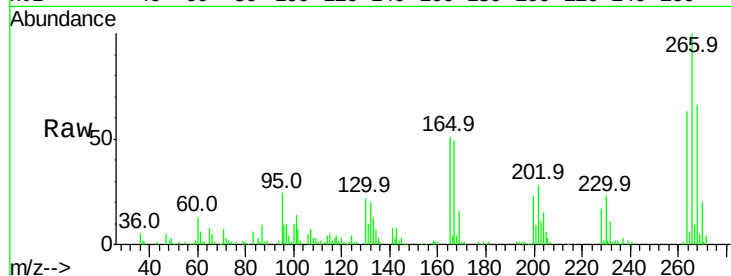
#69  
 Pentachlorophenol  
 Concen: 95.36 ng  
 RT: 14.70 min Scan# 2170  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 146188 |       |       |
| 268     | 66.0  |        | 51.1  | 76.7  |
| 264     | 63.2  |        | 51.7  | 77.5  |

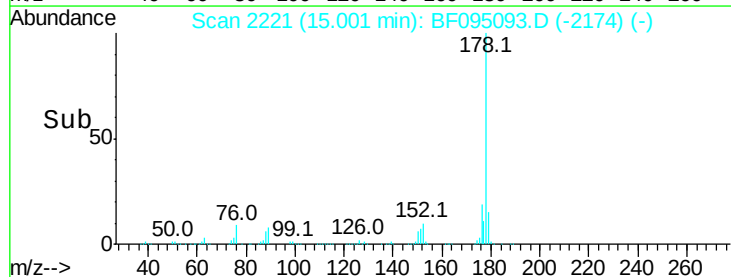
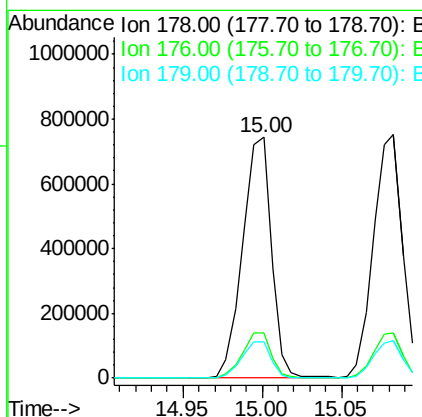
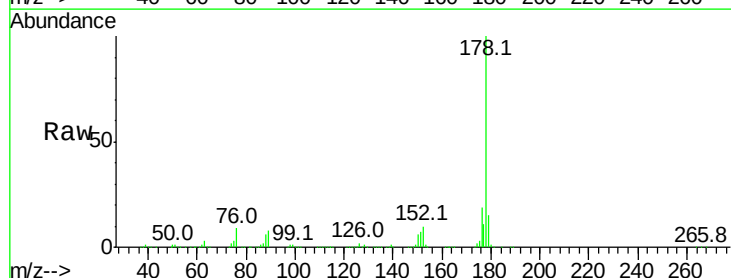
Manual Integrations  
 APPROVED

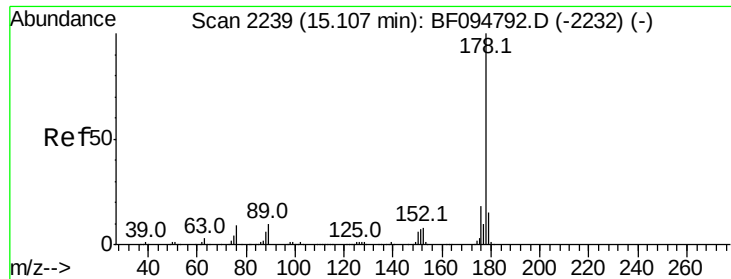
mohammad  
 5/12/2017 3:36:09 PM



#70  
 Phenanthrene  
 Concen: 53.03 ng  
 RT: 15.00 min Scan# 2221  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 942197 |       |       |
| 176     | 18.9  |        | 16.2  | 24.4  |
| 179     | 15.0  |        | 12.6  | 19.0  |





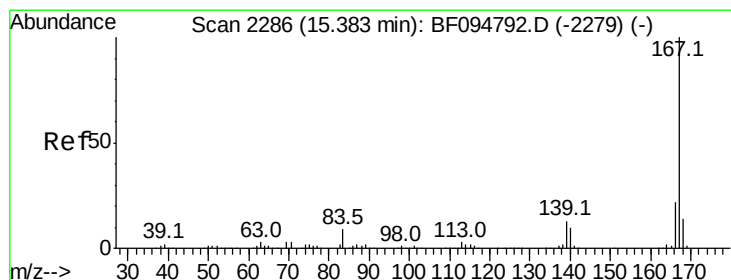
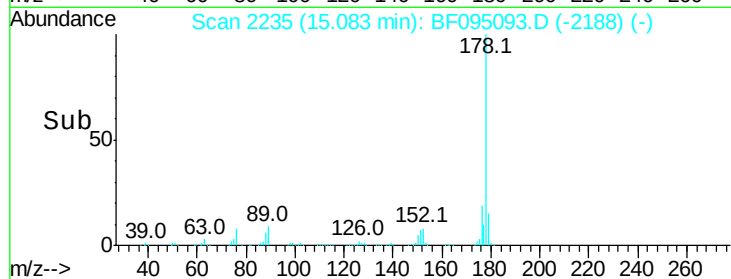
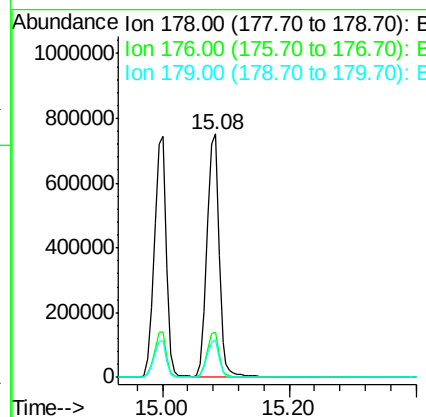
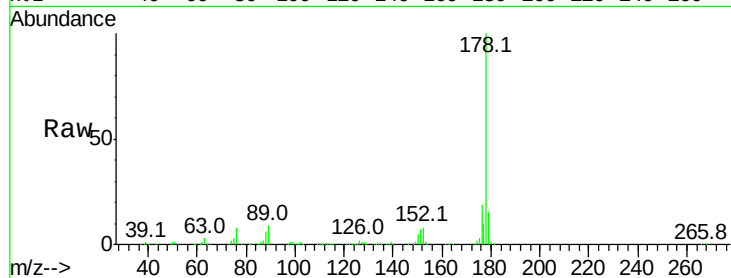
#71  
 Anthracene  
 Concen: 55.06 ng  
 RT: 15.08 min Scan# 2235  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.8  | 23.8  |
| 179     | 15.2  | 12.7  | 19.1  |

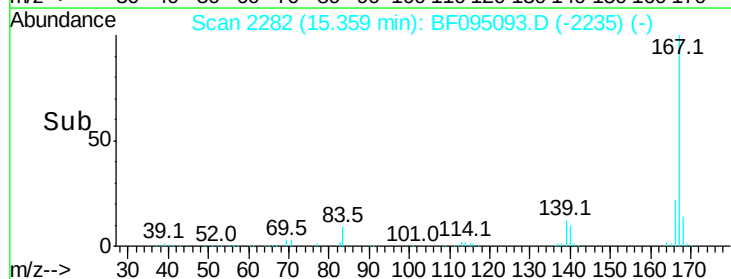
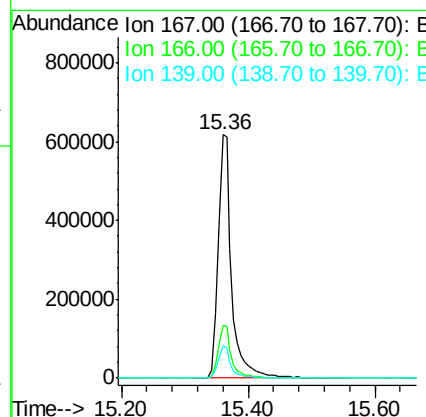
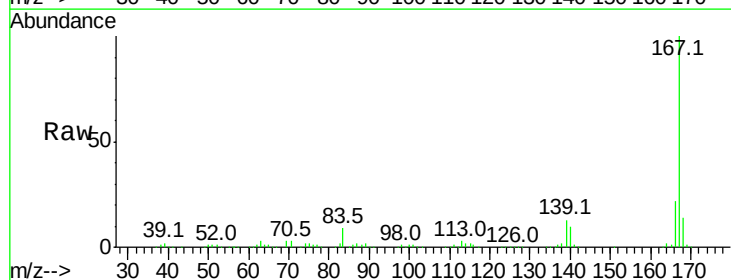
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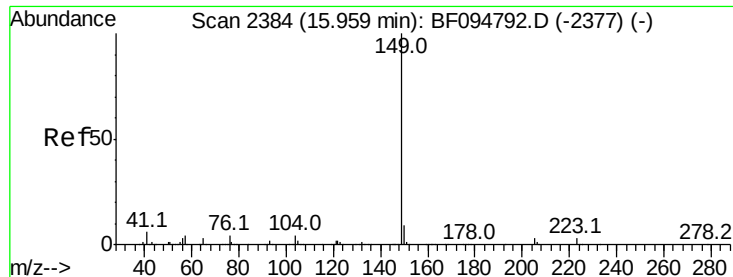


#72  
 Carbazole  
 Concen: 56.44 ng  
 RT: 15.36 min Scan# 2282  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.7  | 18.1  | 27.1  |
| 139     | 13.4  | 11.7  | 17.5  |







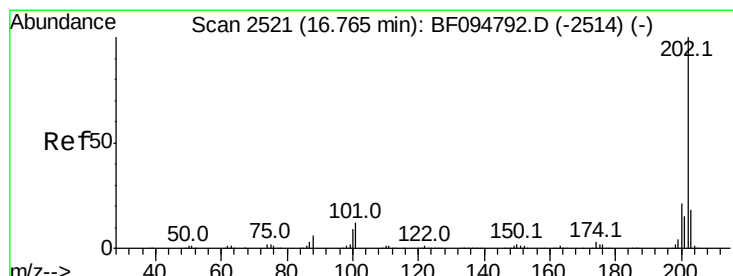
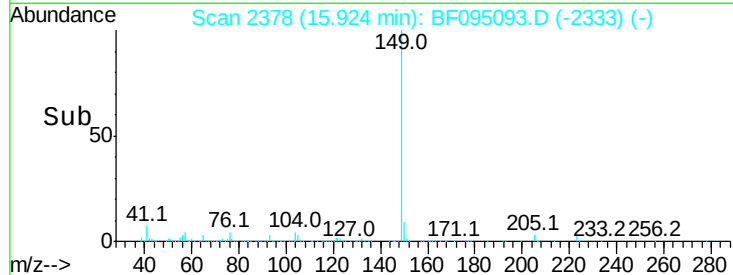
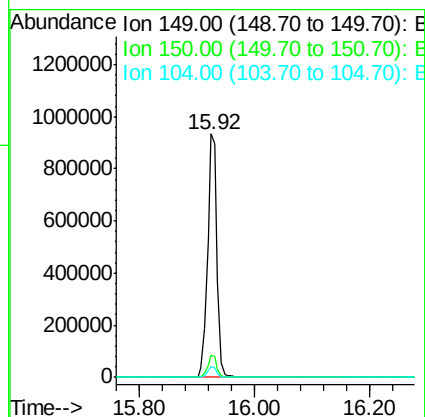
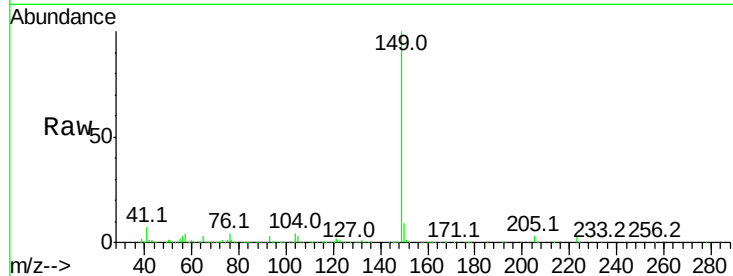
#73  
Di-n-butylphthalate  
Concen: 52.77 ng  
RT: 15.92 min Scan# 2378  
Delta R.T. -0.04 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.2   | 7.7   | 11.5  |
| 104     | 4.4   | 4.0   | 6.0   |

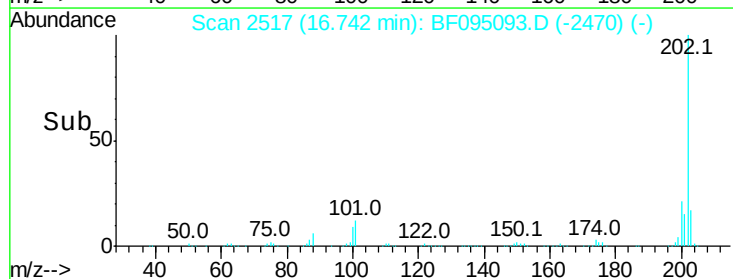
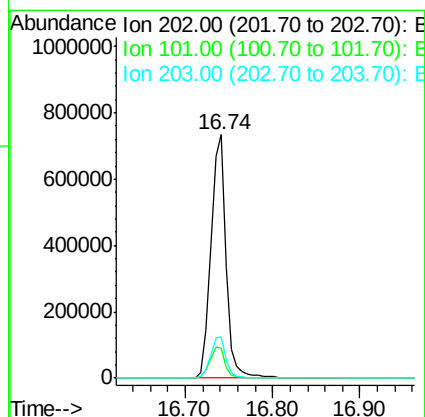
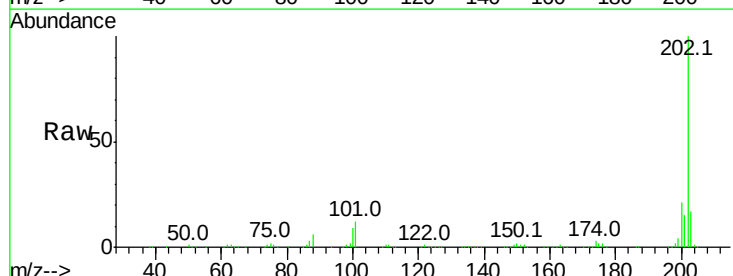
Manual Integrations  
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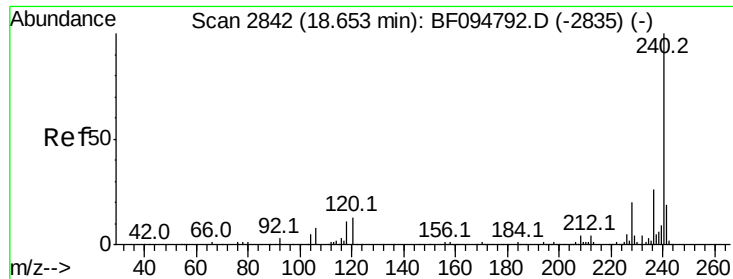
mohammad  
5/12/2017 3:36:09 PM



#74  
Fluoranthene  
Concen: 48.65 ng  
RT: 16.74 min Scan# 2517  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.1  | 0.0   | 33.2  |
| 203     | 17.0  | 0.0   | 38.1  |





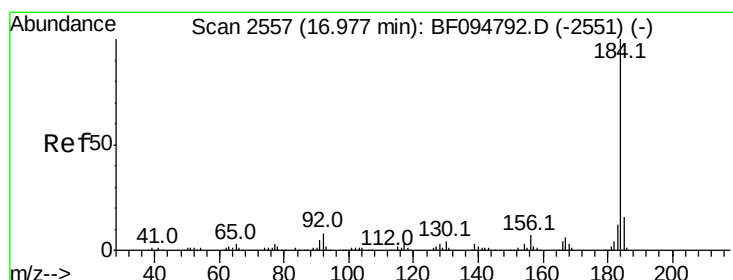
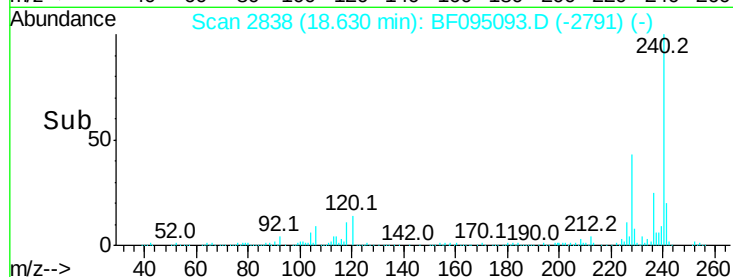
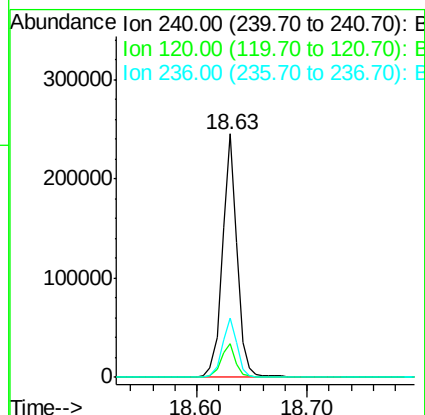
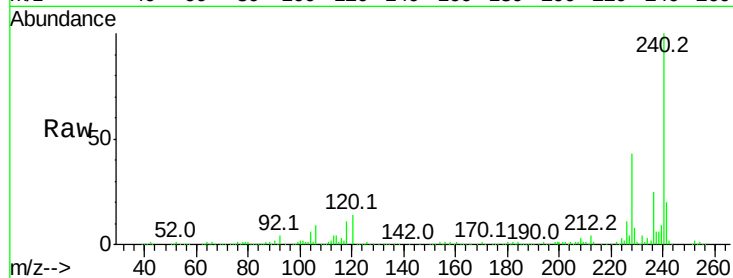
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.63 min Scan# 2838  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 14.1  | 5.8   | 8.8#  |
| 236     | 24.6  | 20.5  | 30.7  |

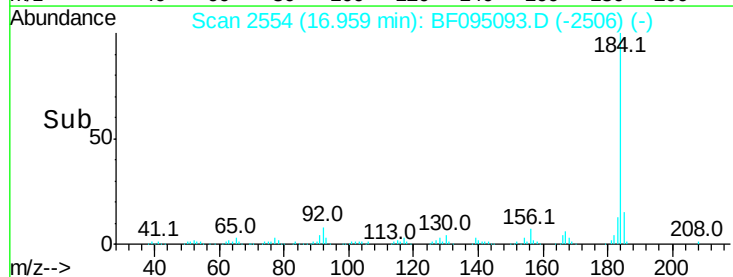
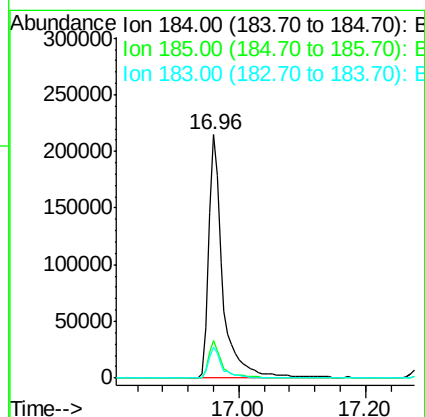
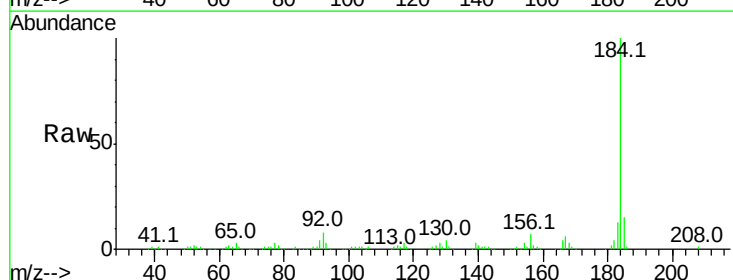
Manual Integrations  
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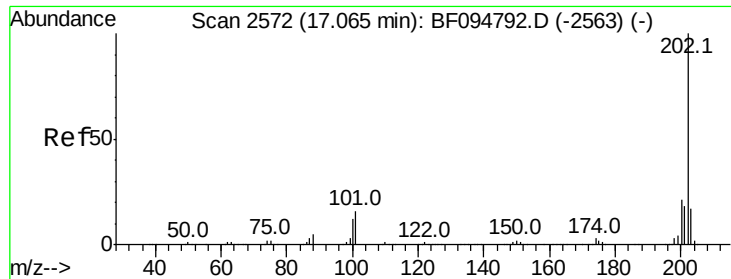
mohammad  
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#76  
Benzidine  
Concen: 53.57 ng  
RT: 16.96 min Scan# 2554  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.2  | 15.5  | 23.3# |
| 183     | 12.7  | 9.8   | 14.6  |





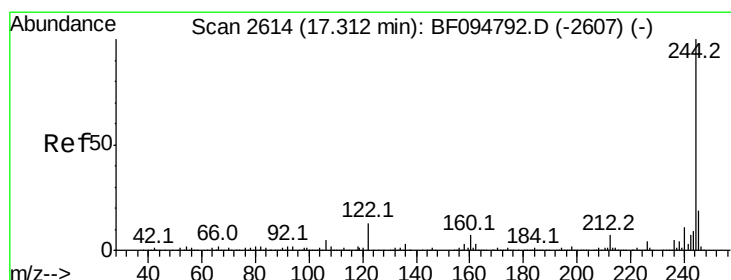
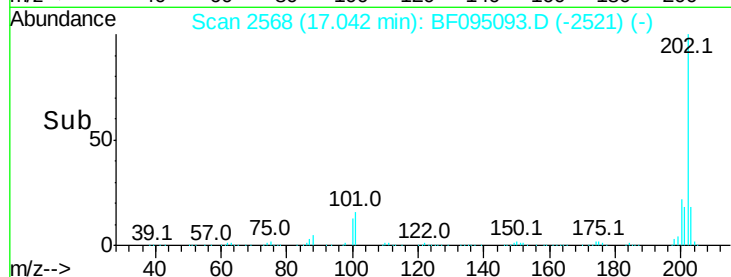
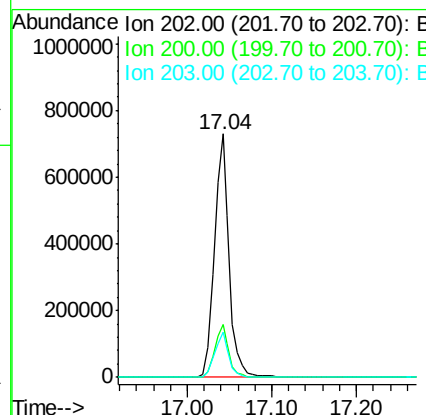
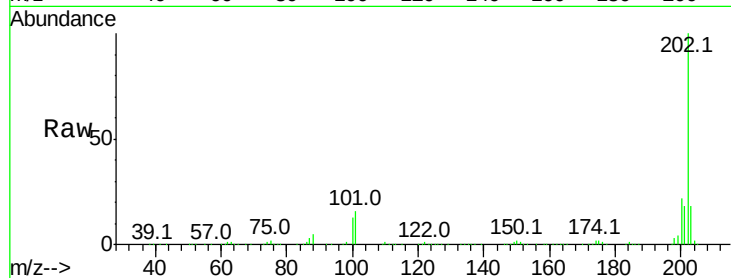
#77  
Pvrene  
Concen: 52.95 ng  
RT: 17.04 min Scan# 2568  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 895404 |       |       |
| 200     | 21.9  |        | 17.6  | 26.4  |
| 203     | 18.4  |        | 14.4  | 21.6  |

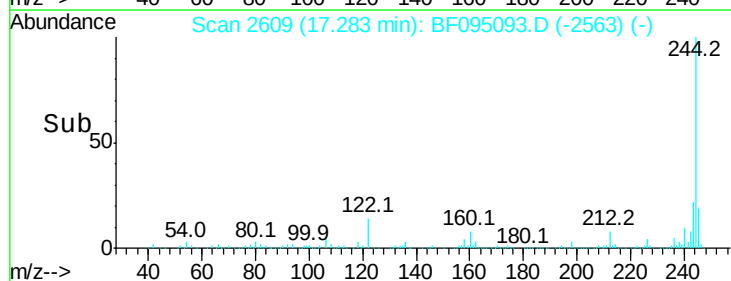
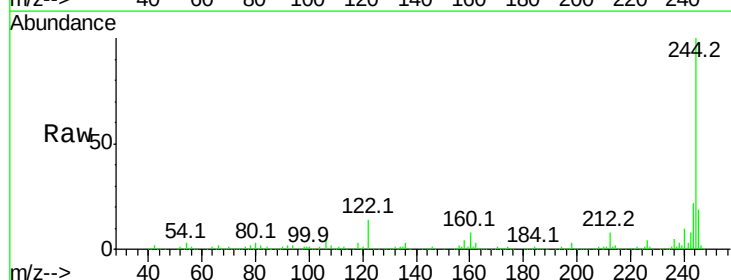
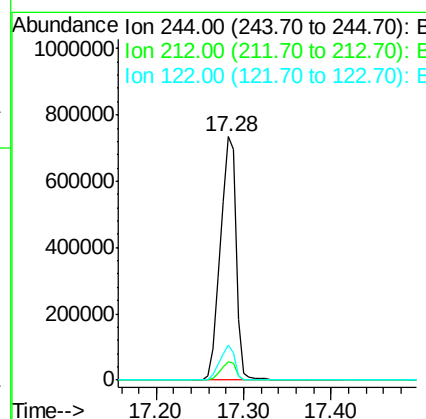
Manual Integrations  
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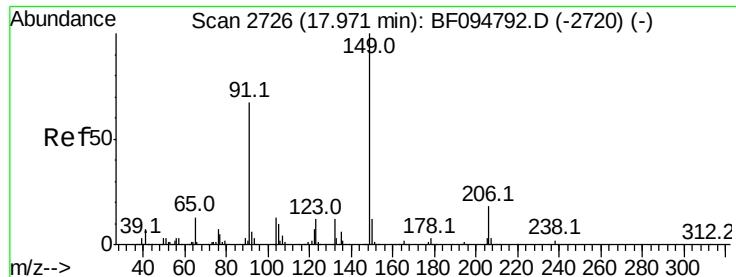
mohammad  
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#78  
Terphenyl-d14  
Concen: 90.27 ng  
RT: 17.28 min Scan# 2609  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 926792 |       |       |
| 212     | 7.5   |        | 6.0   | 9.0   |
| 122     | 14.2  |        | 10.3  | 15.5  |





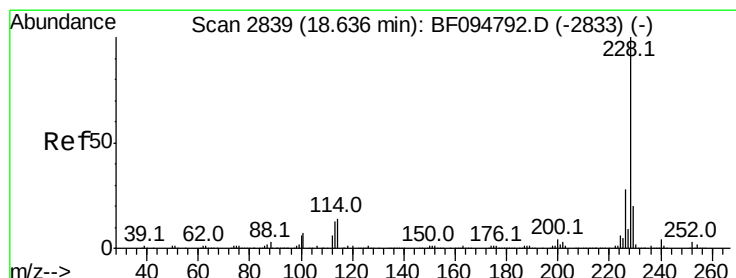
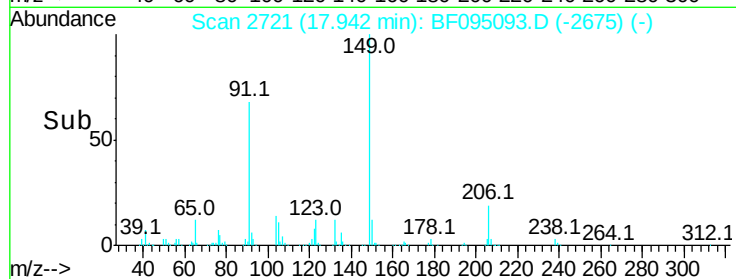
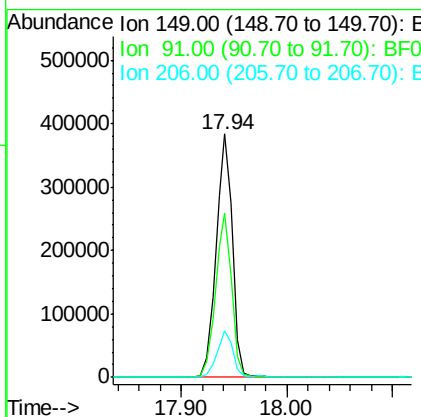
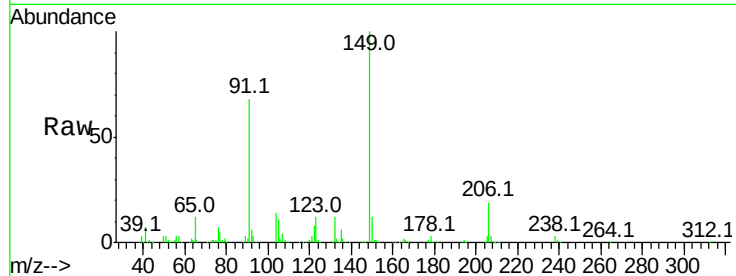
#79  
Butylbenzylphthalate  
Concen: 53.33 ng  
RT: 17.94 min Scan# 2721  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 67.7  | 45.0 | 67.4# |       |
| 206     | 19.1  | 17.0 | 25.6  |       |

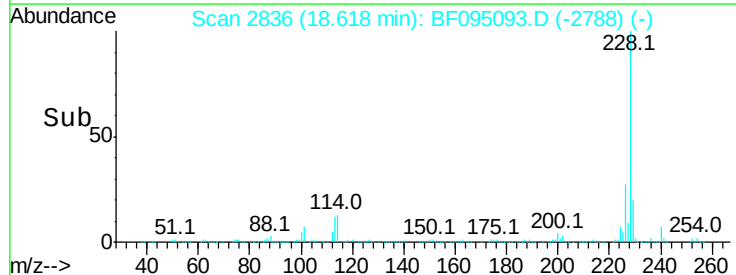
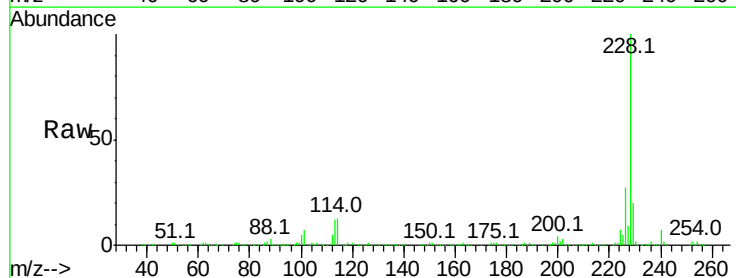
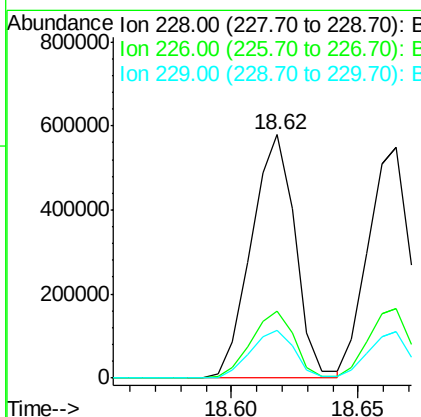
Manual Integrations  
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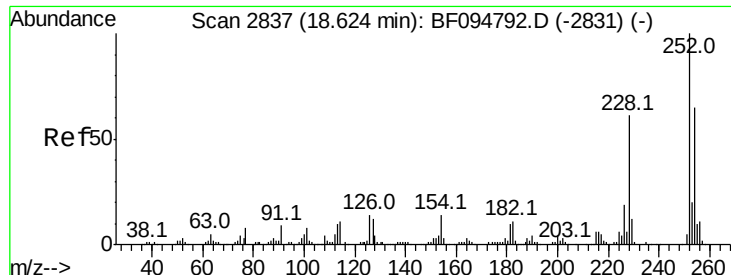
mohammad  
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#80  
Benzo(a)anthracene  
Concen: 53.11 ng  
RT: 18.62 min Scan# 2836  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 27.4  | 22.6 | 33.8  |       |
| 229     | 19.9  | 16.3 | 24.5  |       |





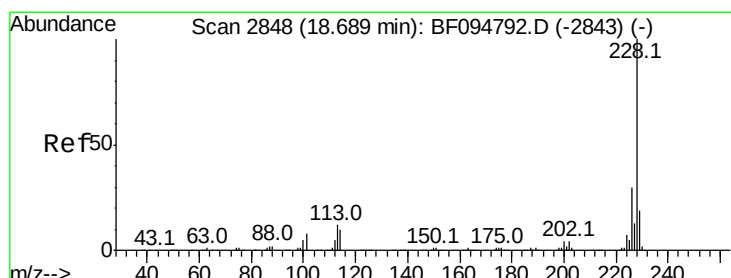
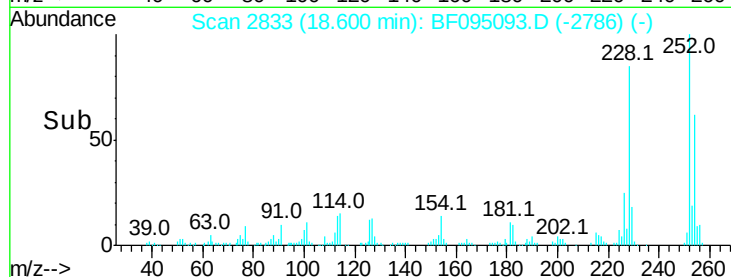
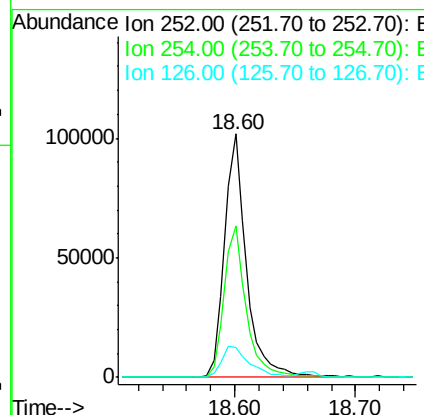
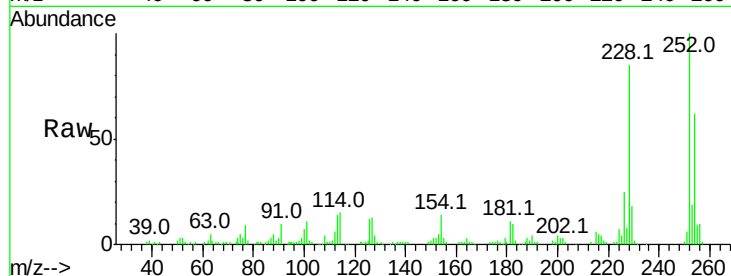
#81  
 3,3'-Dichlorobenzidine  
 Concen: 27.99 ng  
 RT: 18.60 min Scan# 2833  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 62.4  | 51.5       | 77.3  |
| 126     | 12.2  | 15.8       | 23.8  |

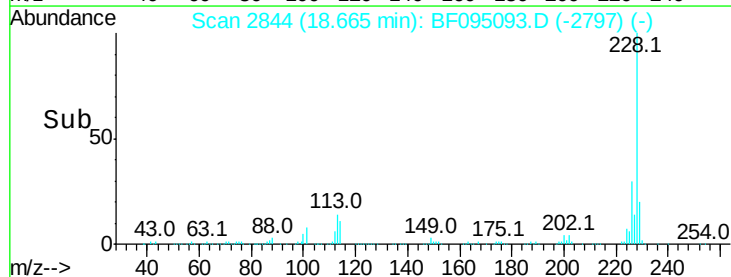
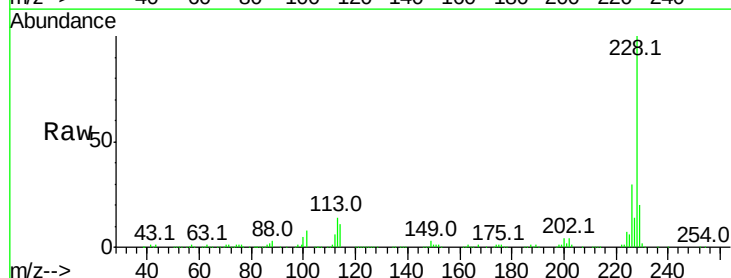
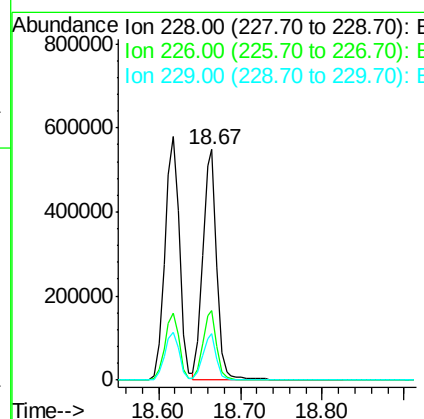
Manual Integrations  
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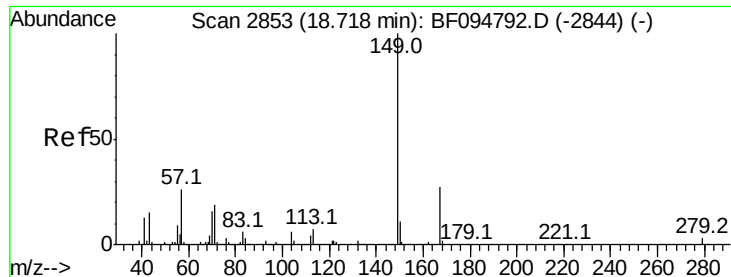
mohammad  
 5/12/2017 3:36:09 PM



#82  
 Chrysene  
 Concen: 51.47 ng  
 RT: 18.67 min Scan# 2844  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.2  | 24.9       | 37.3  |
| 229     | 20.2  | 15.8       | 23.6  |





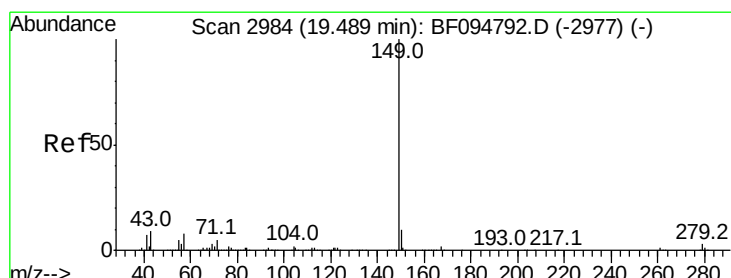
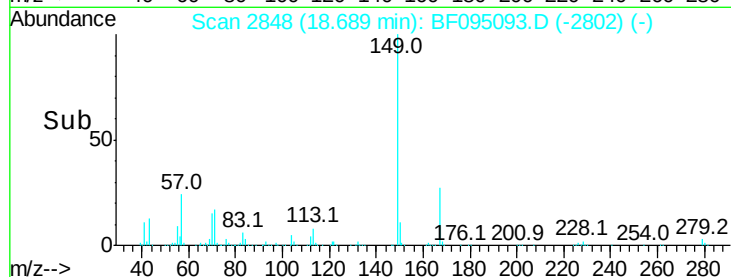
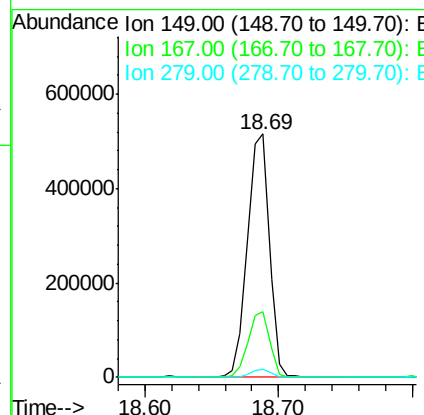
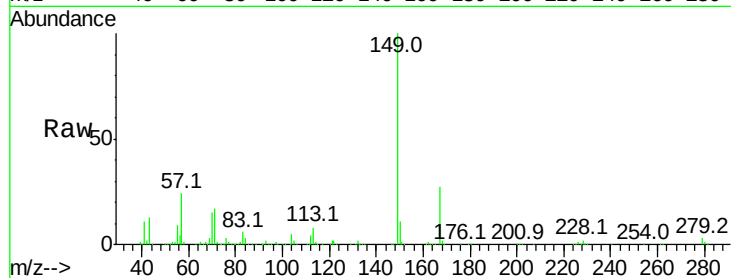
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.42 ng  
 RT: 18.69 min Scan# 2848  
 Delta R.T. -0.03 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 587511 |       |       |
| 167     | 27.2  |        | 21.0  | 31.4  |
| 279     | 3.4   |        | 1.9   | 2.9#  |

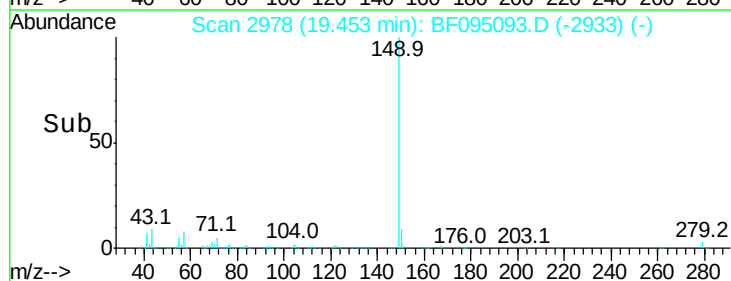
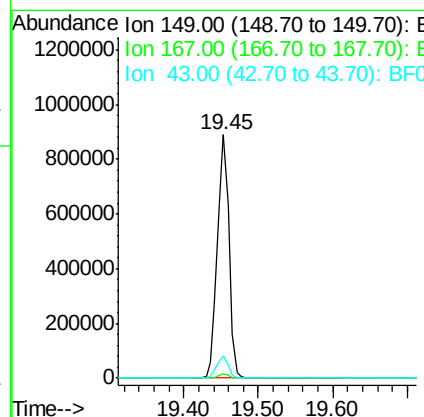
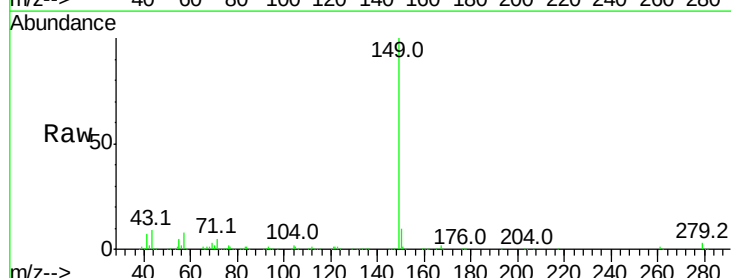
Manual Integrations  
 APPROVED

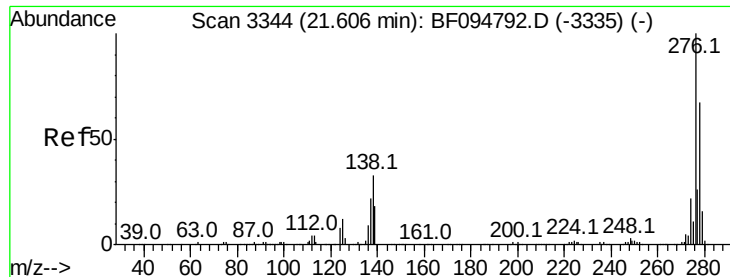
mohammad  
 5/12/2017 3:36:09 PM



#84  
 Di-n-octyl phthalate  
 Concen: 52.13 ng  
 RT: 19.45 min Scan# 2978  
 Delta R.T. -0.04 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 957949 |       |       |
| 167     | 1.5   |        | 1.2   | 1.8   |
| 43      | 8.7   |        | 8.5   | 12.7  |





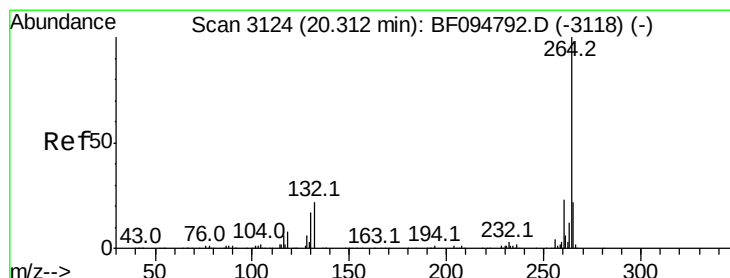
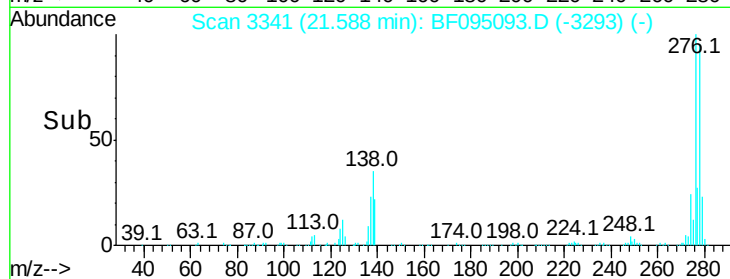
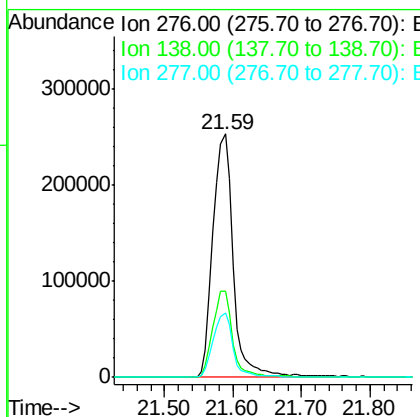
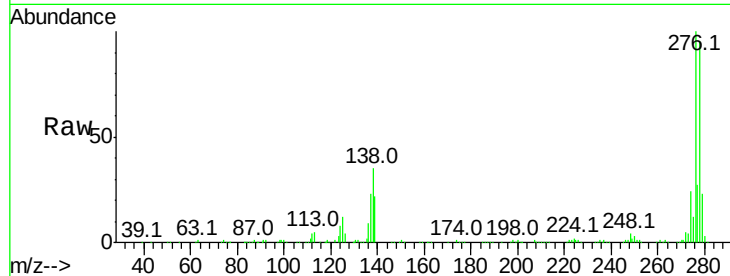
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 50.73 ng  
 RT: 21.59 min Scan# 3341  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 524200 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 34.5  | 27.8  | 41.6   |
| 277       | 26.0  | 20.2  | 30.4   |

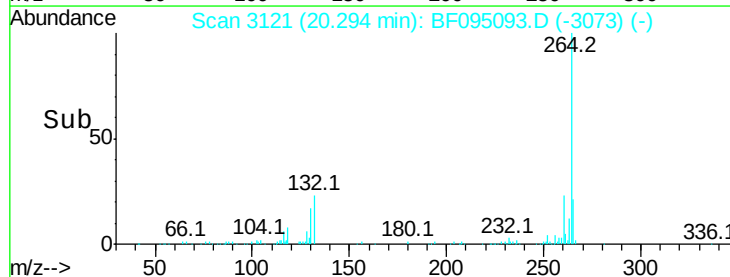
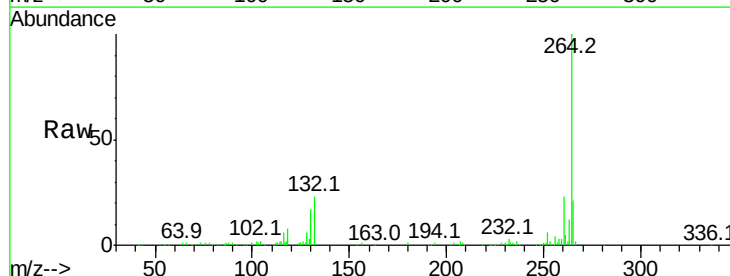
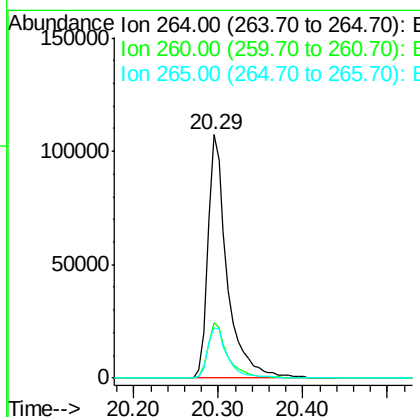
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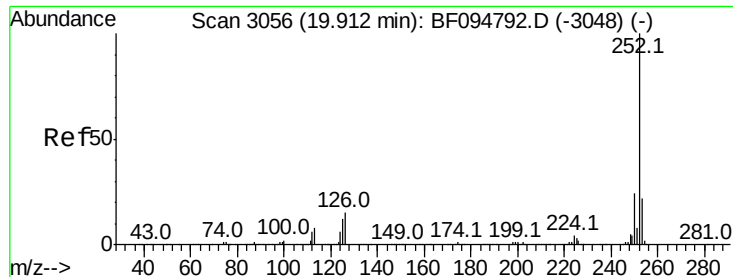
mohammad  
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 20.29 min Scan# 3121  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 171840 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.8  | 19.5  | 29.3   |
| 265       | 20.9  | 17.2  | 25.8   |





#87

Benzo(b)fluoranthene

Concen: 51.38 ng

RT: 19.89 min Scan# 3052

Delta R.T. -0.02 min

Lab File: BF095093.D

Acq: 11 May 2017 22:17

Instrument :

BNA\_F

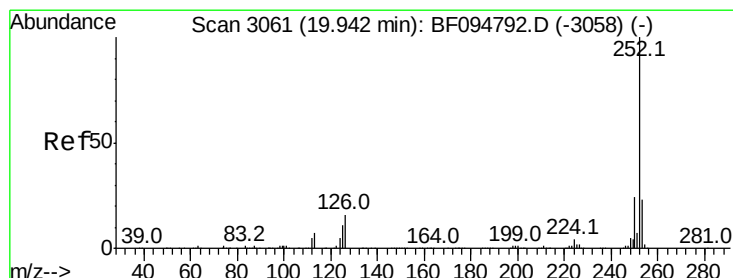
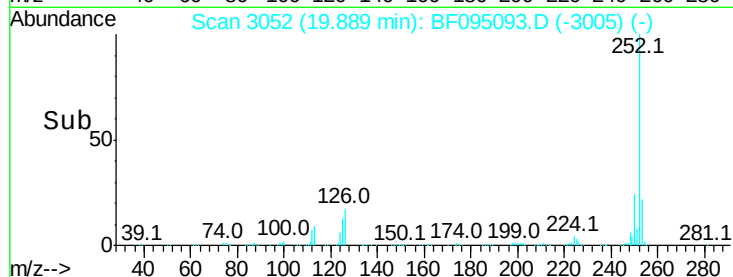
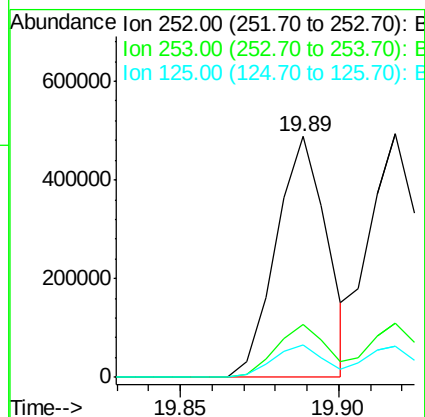
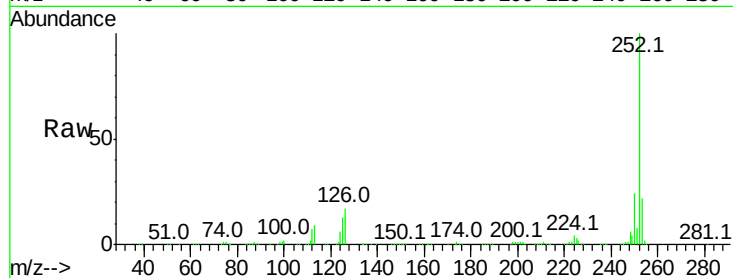
ClientSampleId :

SB-03-COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 545526 |       |       |
| 253     | 22.0  | 18.1   | 27.1  |       |
| 125     | 13.4  | 9.8    | 14.8  |       |

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#88

Benzo(k)fluoranthene

Concen: 57.24 ng m

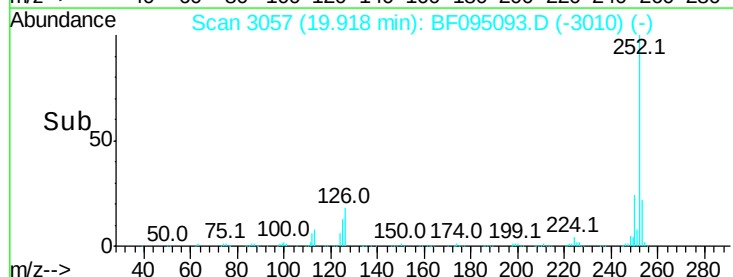
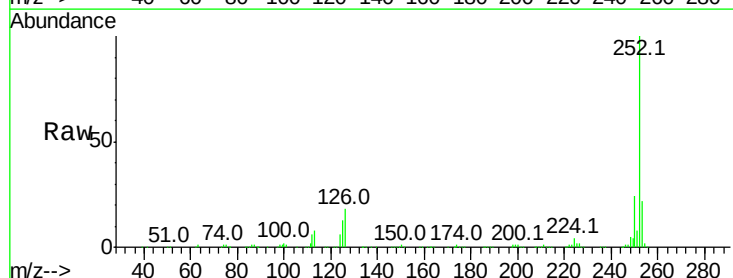
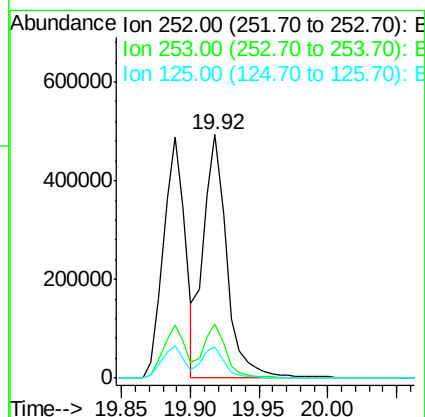
RT: 19.92 min Scan# 3057

Delta R.T. -0.02 min

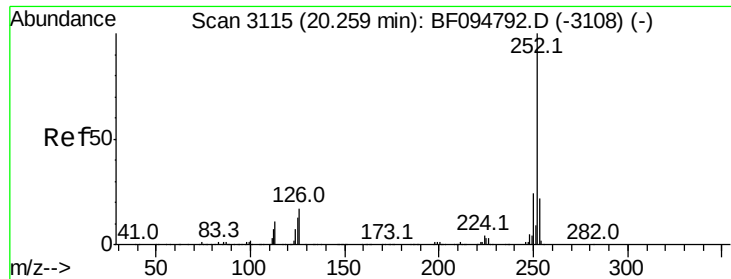
Lab File: BF095093.D

Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 586284 |       |       |
| 253     | 22.2  | 18.4   | 27.6  |       |
| 125     | 12.6  | 13.1   | 19.7  |       |







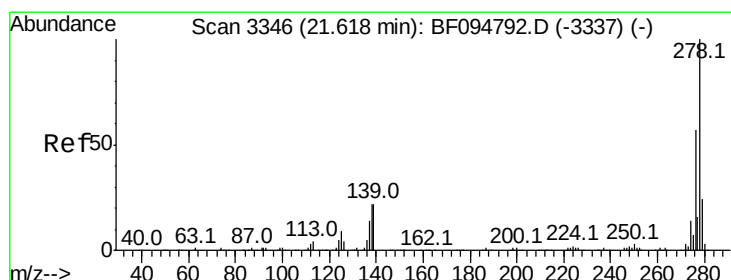
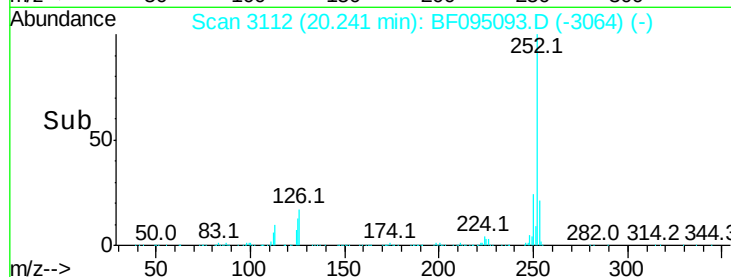
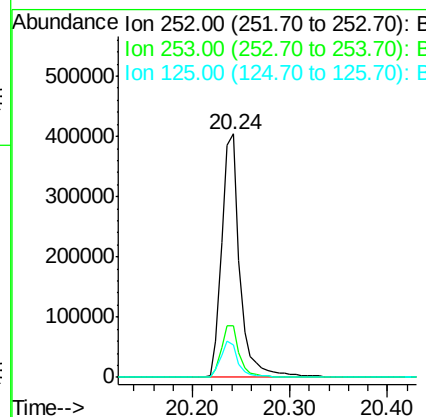
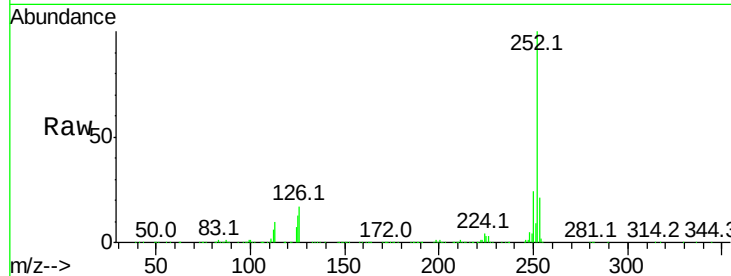
#89  
Benzo(a)pyrene  
Concen: 53.08 ng  
RT: 20.24 min Scan# 3112  
Delta R.T. -0.02 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 17.5  | 26.3  |
| 125     | 13.2  | 11.0  | 16.4  |

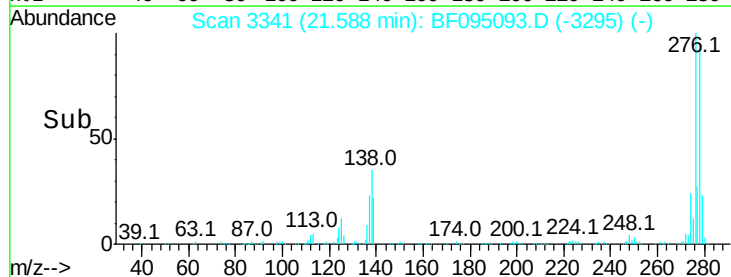
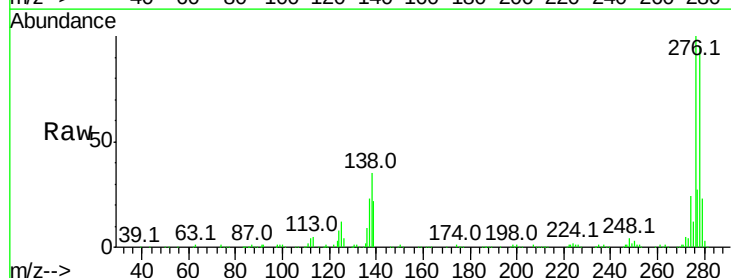
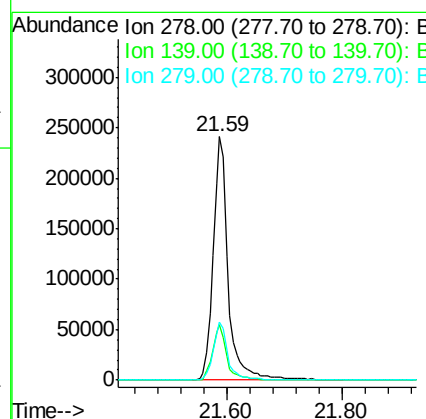
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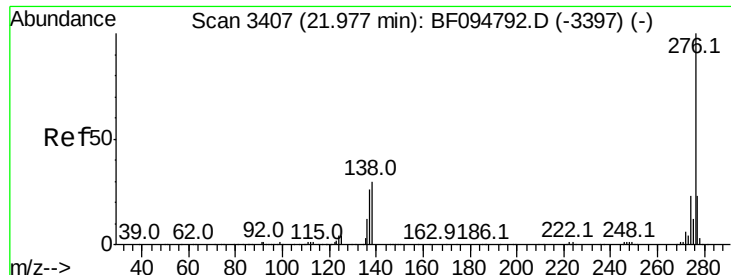
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#90  
Dibenzo(a,h)anthracene  
Concen: 54.03 ng  
RT: 21.59 min Scan# 3341  
Delta R.T. -0.03 min  
Lab File: BF095093.D  
Acq: 11 May 2017 22:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.7  | 16.6  | 24.8  |
| 279     | 23.8  | 19.3  | 28.9  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 56.83 ng  
 RT: 21.96 min Scan# 3404  
 Delta R.T. -0.02 min  
 Lab File: BF095093.D  
 Acq: 11 May 2017 22:17

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.6  | 28.0  |
| 138     | 27.9  | 25.4  | 38.0  |

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