

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\  
 Data File : BF093416.D  
 Acq On : 7 Mar 2017 13:20  
 Operator : SJ/MA  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

mohammad  
 3/8/2017 1:45:31 PM

Quant Time: Mar 07 13:46:03 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 07 13:09:58 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.77  | 152  | 201102   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.06  | 136  | 843937   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.81  | 164  | 458006   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.28 | 188  | 670925   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.93 | 240  | 530345   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 15.34 | 264  | 423687   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.35  | 112 | 1337648 | 114.12 | ng | 0.00 |
| 7) Phenol-d6             | 6.42  | 99  | 1606624 | 106.52 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.35  | 82  | 1720244 | 113.51 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.60 | 330 | 306924  | 92.65  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.13  | 172 | 2290964 | 90.62  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.87 | 244 | 2023718 | 89.66  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.28 | 88  | 405542  | 64.03 | ng | # 85   |
| 3) Pyridine                    | 2.96 | 79  | 1059744 | 65.80 | ng | # 85   |
| 4) n-Nitrosodimethylamine      | 2.95 | 42  | 504478  | 66.71 | ng | 85     |
| 6) Aniline                     | 6.44 | 93  | 1144663 | 55.64 | ng | 85     |
| 8) 2-Chlorophenol              | 6.55 | 128 | 755807  | 58.45 | ng | 89     |
| 9) Benzaldehyde                | 6.31 | 77  | 451407  | 41.78 | ng | 91     |
| 10) Phenol                     | 6.44 | 94  | 941351  | 53.35 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.50 | 93  | 868123  | 61.64 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 6.70 | 146 | 867331  | 57.26 | ng | # 90   |
| 13) 1,4-Dichlorobenzene        | 6.78 | 146 | 885497  | 57.76 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.94 | 146 | 800136  | 54.58 | ng | 97     |
| 15) Benzyl Alcohol             | 6.93 | 79  | 534922  | 47.91 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.05 | 45  | 1359035 | 55.54 | ng | 66     |
| 17) 2-Methylphenol             | 7.04 | 107 | 653547  | 58.91 | ng | # 91   |
| 18) Hexachloroethane           | 7.27 | 117 | 303067  | 57.91 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70  | 534963  | 55.72 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.20 | 107 | 798742  | 60.22 | ng | 93     |
| 22) Acetophenone               | 7.19 | 105 | 1073588 | 55.72 | ng | 100    |
| 24) Nitrobenzene               | 7.36 | 77  | 889212  | 57.14 | ng | 97     |
| 25) Isophorone                 | 7.61 | 82  | 1752951 | 62.07 | ng | 99     |
| 26) 2-Nitrophenol              | 7.68 | 139 | 479756  | 64.86 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 716099  | 55.12 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 1133608 | 60.61 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 652711  | 53.87 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.00 | 180 | 717252  | 54.93 | ng | 98     |
| 31) Naphthalene                | 8.08 | 128 | 2359726 | 55.16 | ng | 99     |
| 32) Benzoic acid               | 7.91 | 122 | 459210  | 69.68 | ng | 97     |
| 33) 4-Chloroaniline            | 8.14 | 127 | 983604  | 58.62 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.18 | 225 | 358155  | 49.86 | ng | 99     |
| 35) Caprolactam                | 8.54 | 113 | 218722  | 57.39 | ng | # 31   |
| 36) 4-Chloro-3-methylphenol    | 8.63 | 107 | 719095  | 56.93 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.77 | 142 | 1389144 | 50.57 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.94 | 216 | 688420  | 53.55 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.92 | 237 | 176998  | 30.51 | ng | 98     |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.05  | 196  | 417411   | 49.41 | nq    | 92       |
| 43) 2,4,5-Trichlorophenol      | 9.11  | 196  | 459195   | 49.61 | nq #  | 84       |
| 45) 1,1'-Biphenyl              | 9.24  | 154  | 1811616  | 54.62 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.26  | 162  | 1359701  | 52.41 | nq    | 97       |
| 47) 2-Nitroaniline             | 9.36  | 65   | 466631   | 53.50 | nq    | 95       |
| 48) Acenaphthylene             | 9.67  | 152  | 2050213  | 45.75 | nq    | 99       |
| 49) Dimethylphthalate          | 9.54  | 163  | 1646574  | 53.37 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.61  | 165  | 412383   | 61.90 | nq    | 93       |
| 51) Acenaphthene               | 9.84  | 154  | 1244540  | 46.45 | nq    | 96       |
| 52) 3-Nitroaniline             | 9.78  | 138  | 486844   | 63.85 | nq    | 88       |
| 53) 2,4-Dinitrophenol          | 9.90  | 184  | 182829   | 61.46 | nq #  | 71       |
| 54) Dibenzofuran               | 10.01 | 168  | 1657748  | 46.25 | nq    | 96       |
| 55) 4-Nitrophenol              | 9.97  | 139  | 225716   | 41.10 | nq #  | 79       |
| 56) 2,4-Dinitrotoluene         | 10.02 | 165  | 471159   | 53.12 | nq #  | 65       |
| 57) Fluorene                   | 10.36 | 166  | 1358743  | 49.28 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 316251   | 51.22 | nq    | 98       |
| 59) Diethylphthalate           | 10.23 | 149  | 1362254  | 46.86 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.34 | 204  | 595058   | 44.92 | nq    | 89       |
| 61) 4-Nitroaniline             | 10.40 | 138  | 428848   | 54.92 | nq    | 95       |
| 62) Azobenzene                 | 10.50 | 77   | 1677810  | 55.86 | nq    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.44 | 198  | 284162   | 81.86 | nq #  | 74       |
| 65) n-Nitrosodiphenylamine     | 10.47 | 169  | 1187731  | 55.42 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.84 | 248  | 419827   | 59.89 | nq #  | 84       |
| 67) Hexachlorobenzene          | 10.90 | 284  | 389226   | 56.19 | nq    | 94       |
| 68) Atrazine                   | 11.00 | 200  | 369341   | 53.70 | nq    | 98       |
| 69) Pentachlorophenol          | 11.11 | 266  | 159231   | 53.22 | nq    | 98       |
| 70) Phenanthrene               | 11.32 | 178  | 2067490  | 53.79 | nq    | 99       |
| 71) Anthracene                 | 11.36 | 178  | 2040029  | 52.85 | nq    | 99       |
| 72) Carbazole                  | 11.53 | 167  | 2096762  | 56.82 | nq #  | 97       |
| 73) Di-n-butylphthalate        | 11.85 | 149  | 2284568  | 57.25 | nq #  | 96       |
| 74) Fluoranthene               | 12.50 | 202  | 2144576  | 54.09 | nq    | 93       |
| 76) Benzidine                  | 12.63 | 184  | 800385   | 35.42 | nq    | 97       |
| 77) Pyrene                     | 12.73 | 202  | 2196206  | 55.34 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.34 | 149  | 888467   | 55.13 | nq    | 97       |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 1702066  | 52.47 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.89 | 252  | 594794   | 51.44 | nq #  | 94       |
| 82) Chrysene                   | 13.96 | 228  | 1487346  | 48.97 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.90 | 149  | 1249930  | 56.71 | nq #  | 98       |
| 84) Di-n-octyl phthalate       | 14.51 | 149  | 2081014  | 57.98 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.71 | 276  | 1318675  | 56.06 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 14.94 | 252  | 1444787m | 51.81 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.97 | 252  | 1452672m | 60.33 | nq    |          |
| 89) Benzo(a)pyrene             | 15.28 | 252  | 1299925  | 53.89 | nq    | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.71 | 278  | 1122205  | 57.56 | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.12 | 276  | 1176832  | 59.75 | nq #  | 93       |

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

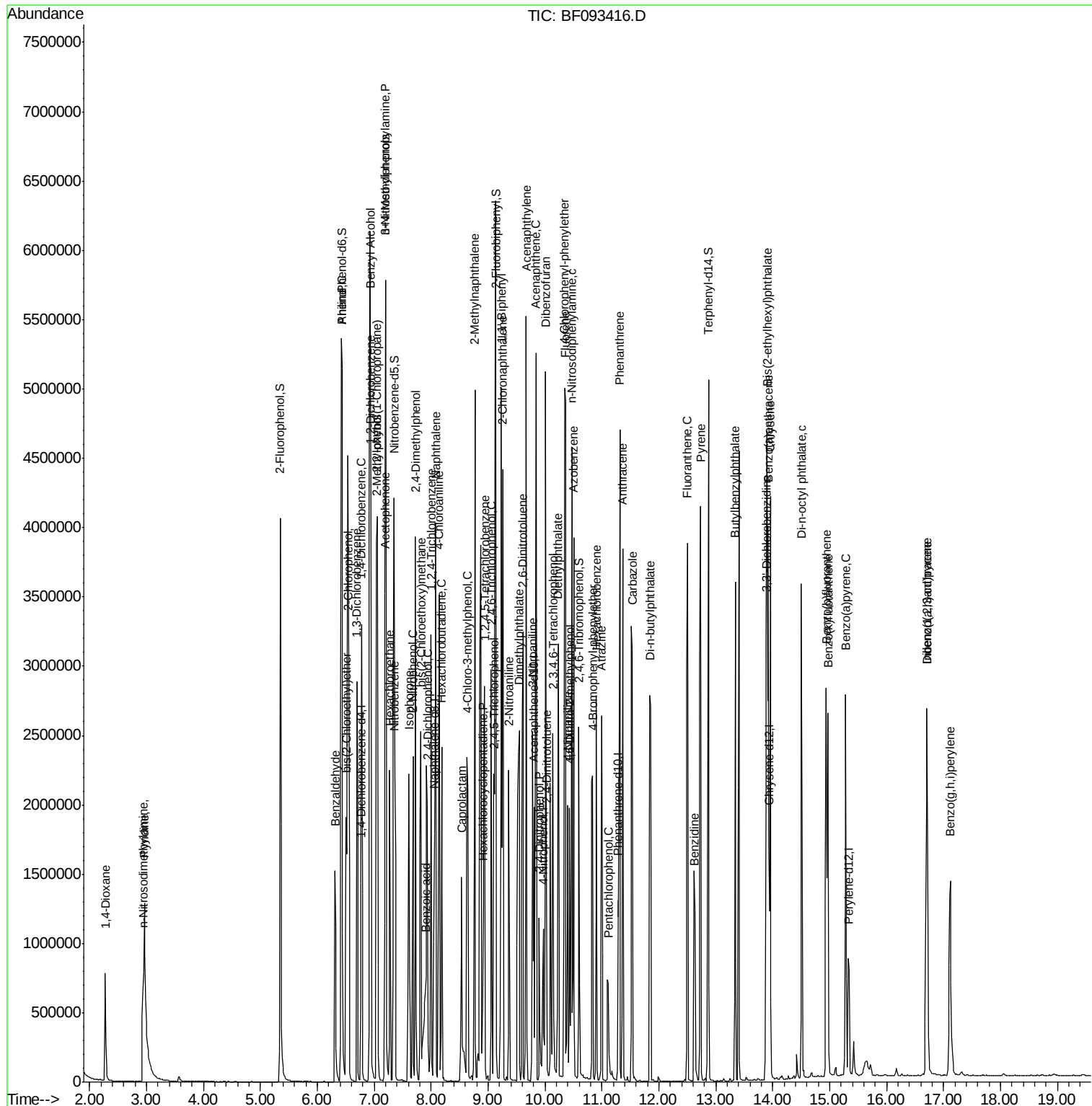
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\  
Data File : BF093416.D  
Acq On : 7 Mar 2017 13:20  
Operator : SJ/MA  
Sample : SSTDICC060  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

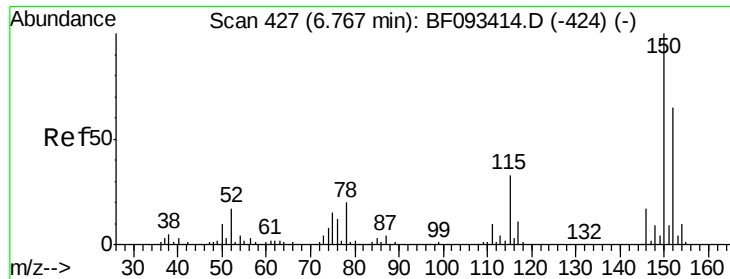
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC060

## Manual Integrations APPROVED

mohammad  
3/8/2017 1:45:31 PM

Quant Time: Mar 07 13:46:03 2017  
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#1

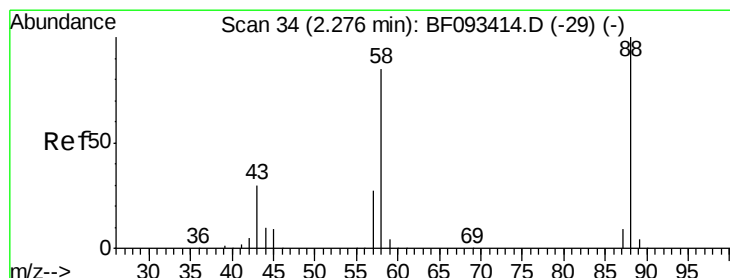
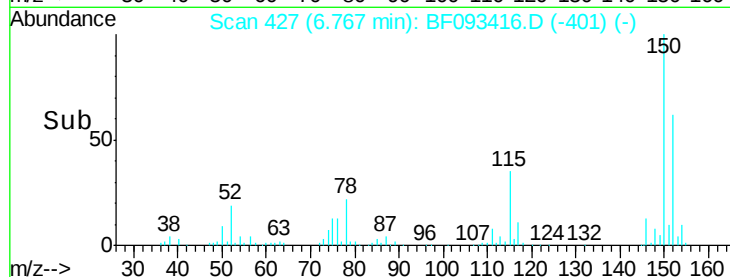
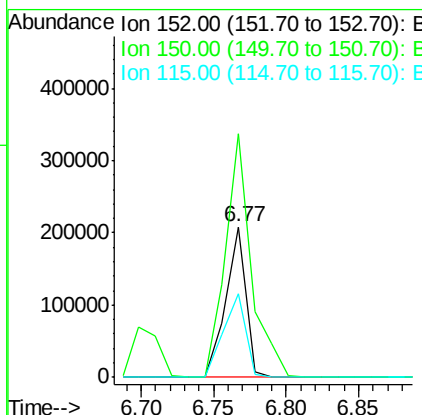
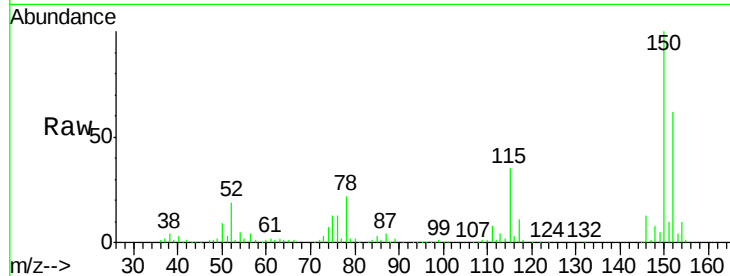
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.77 min Scan# 427  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.9 | 124.9 | 187.3 |
| 115     | 56.0  | 46.0  | 69.0  |

Manual Integrations  
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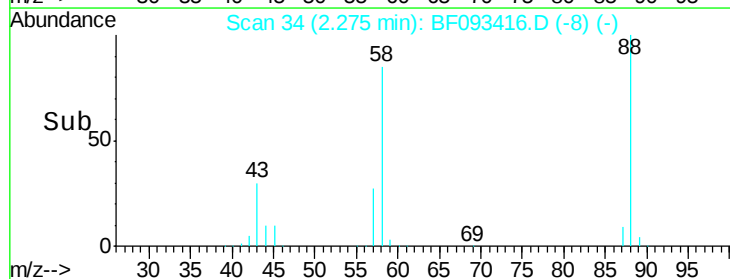
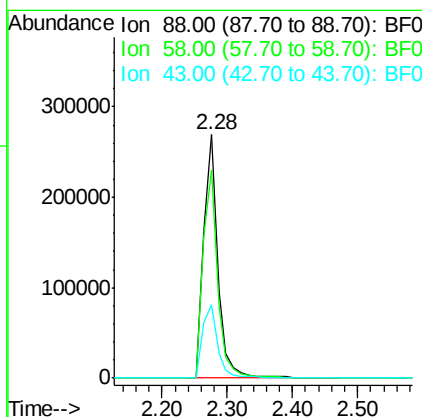
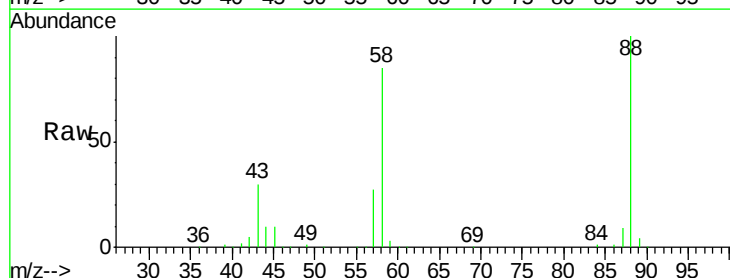
mohammad  
3/8/2017 1:45:31 PM

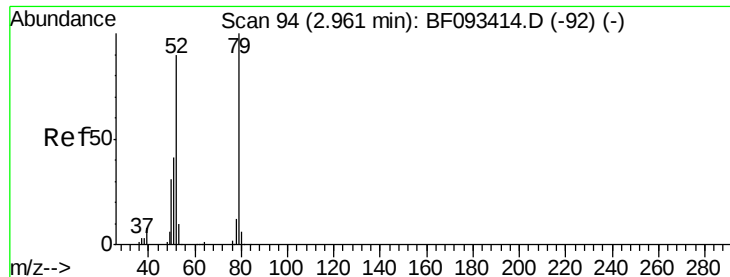


#2

1,4-Dioxane  
Concen: 64.03 ng  
RT: 2.28 min Scan# 34  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 87.6  | 57.8  | 86.8# |
| 43      | 31.4  | 22.3  | 33.5  |





#3

Pvridine

Concen: 65.80 ng

RT: 2.96 min Scan# 94

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 79 Resp: 1059744

Ion Ratio Lower Upper

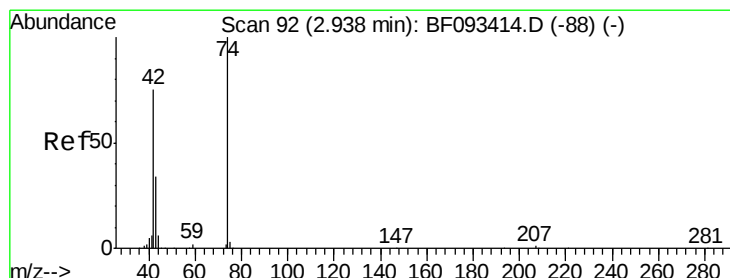
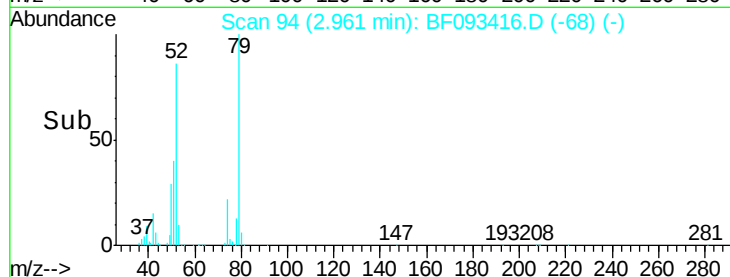
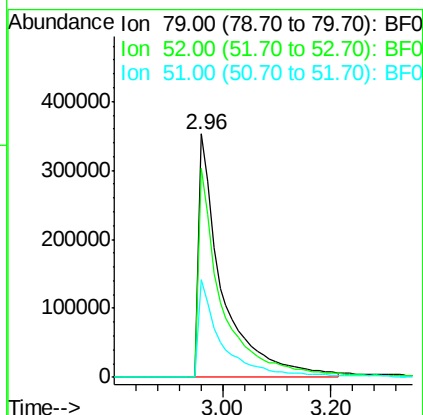
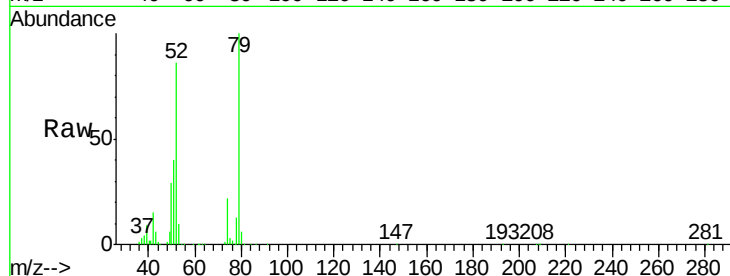
79 100

52 85.9 57.1 85.7#

51 40.2 27.3 40.9

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 66.71 ng

RT: 2.95 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

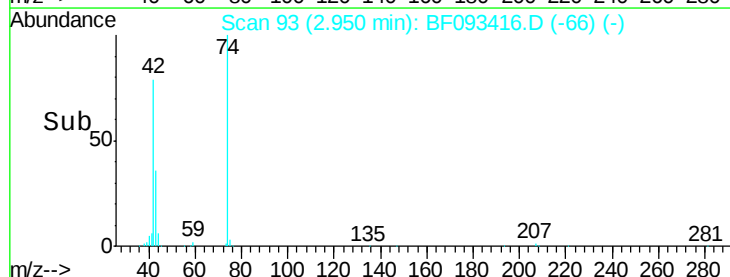
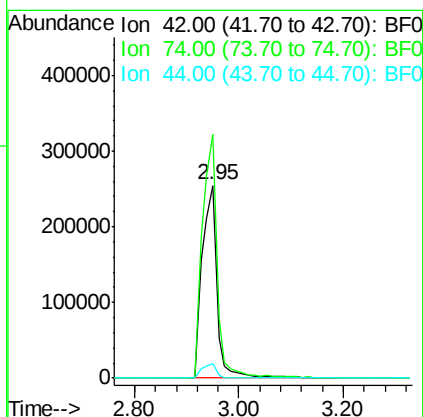
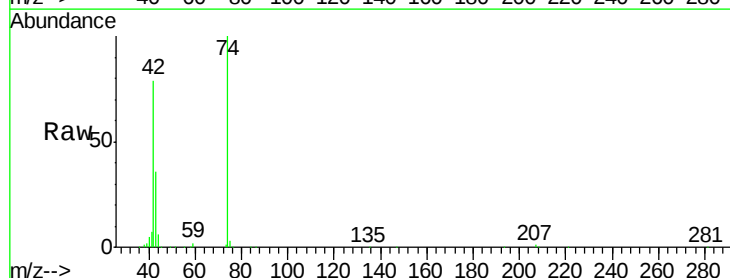
Tgt Ion: 42 Resp: 504478

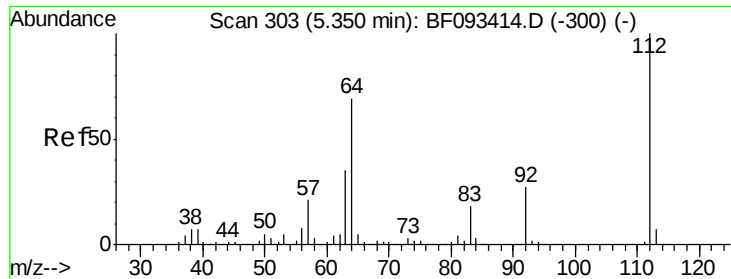
Ion Ratio Lower Upper

42 100

74 126.1 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 114.12 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

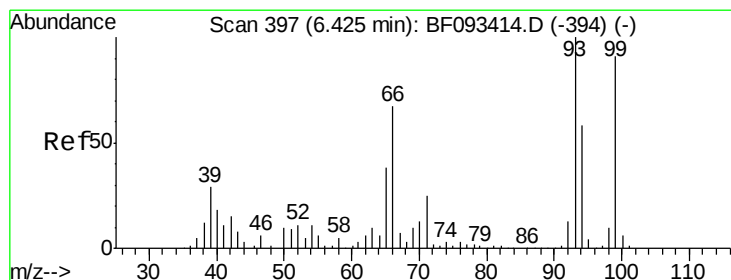
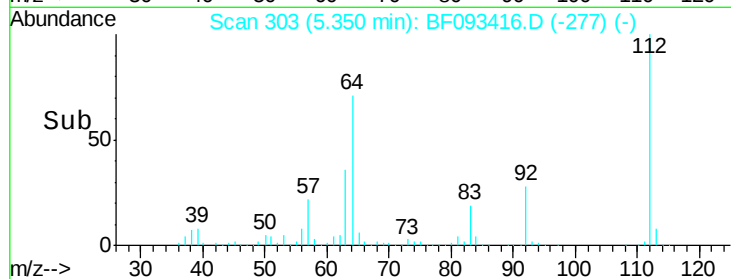
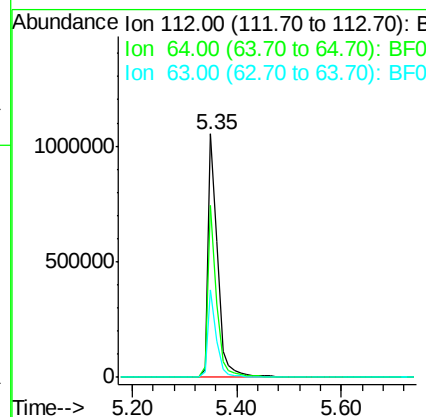
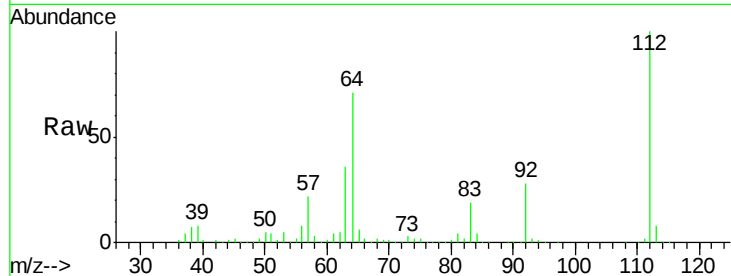
ClientSampleId :

SSTDICC060

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 112   | Resp: | 1337648 |
| Ion Ratio | Lower | Upper |         |
| 112       | 100   |       |         |
| 64        | 70.6  | 46.1  | 69.1#   |
| 63        | 36.0  | 23.8  | 35.6#   |

Manual Integrations  
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#6

Aniline

Concen: 55.64 ng

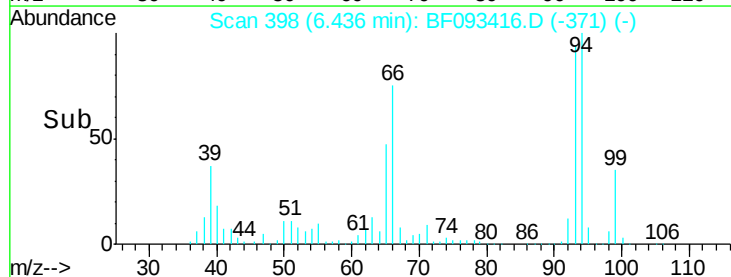
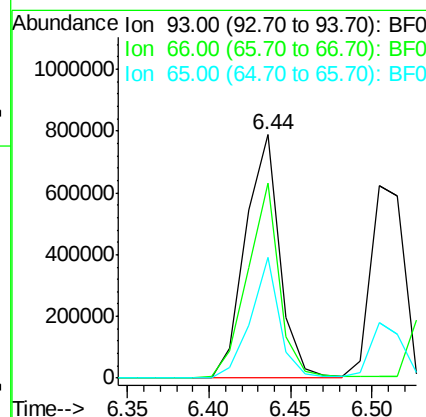
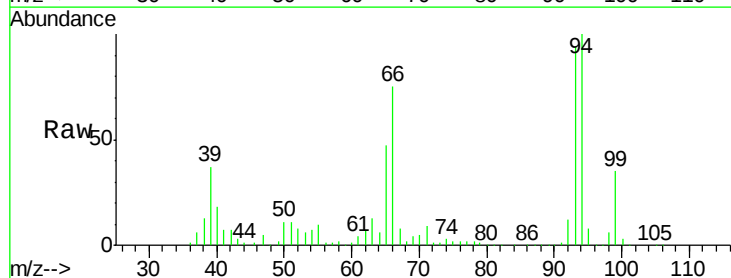
RT: 6.44 min Scan# 398

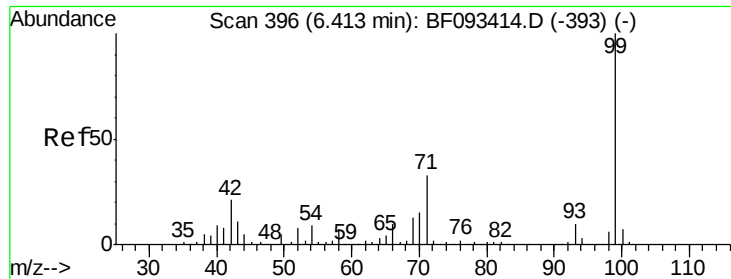
Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 93    | Resp: | 1144663 |
| Ion Ratio | Lower | Upper |         |
| 93        | 100   |       |         |
| 66        | 80.3  | 76.2  | 114.2   |
| 65        | 49.6  | 49.3  | 73.9    |





#7

Phenol-d6

Concen: 106.52 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1606624

Ion Ratio Lower Upper

99 100

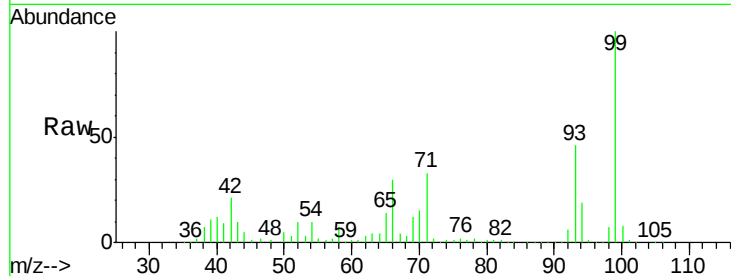
42 20.9 15.6 23.4

71 33.3 27.5 41.3

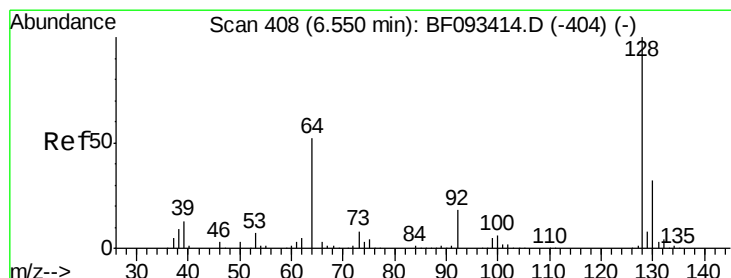
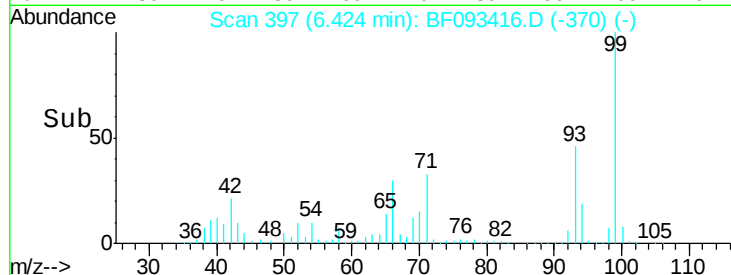
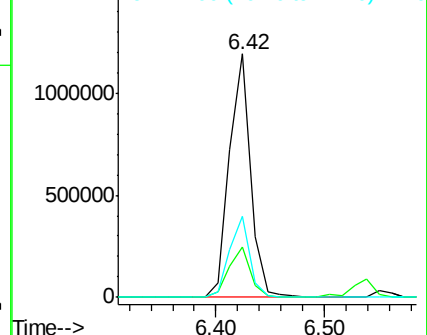
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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 58.45 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

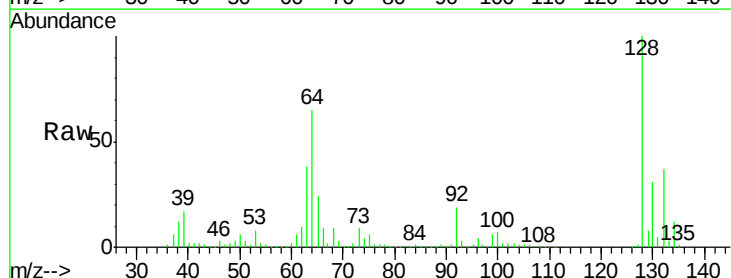
Tgt Ion: 128 Resp: 755807

Ion Ratio Lower Upper

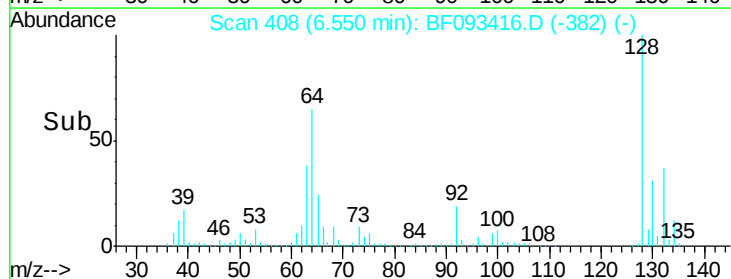
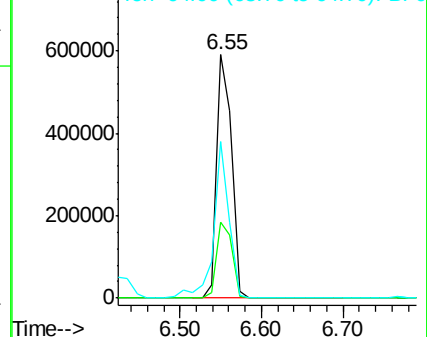
128 100

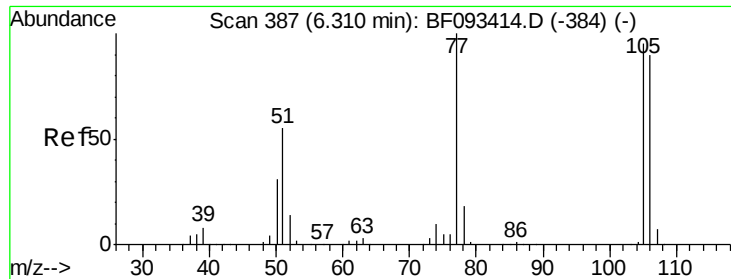
130 31.3 12.3 52.3

64 64.5 32.2 72.2



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: 41.78 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

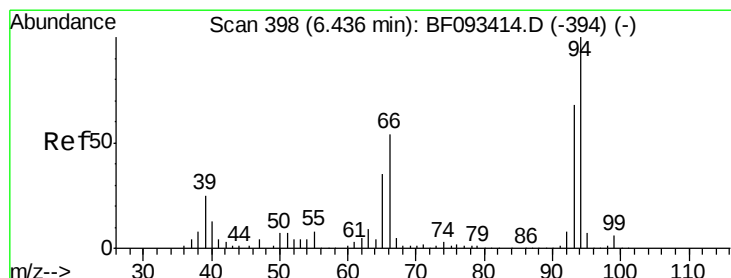
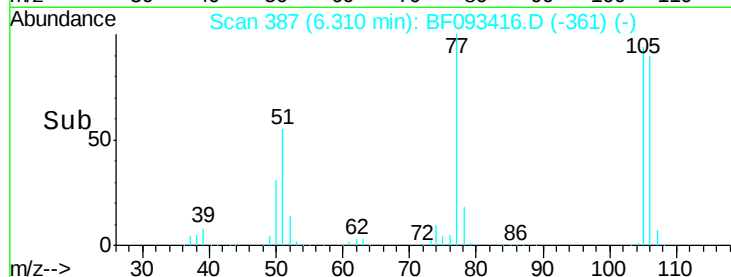
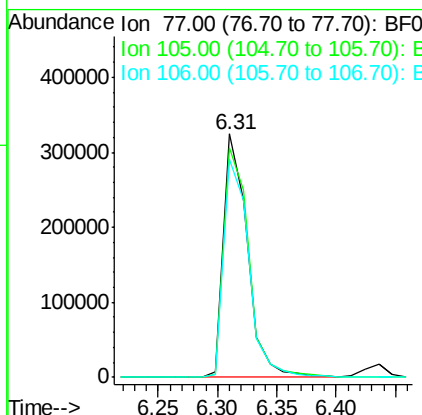
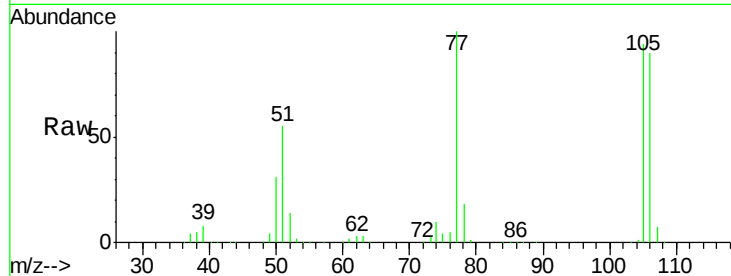
ClientSampleId :

SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 451407 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 94.0  | 83.9  | 123.9  |
| 106      | 89.5  | 77.6  | 117.6  |

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#10

Phenol

Concen: 53.35 ng

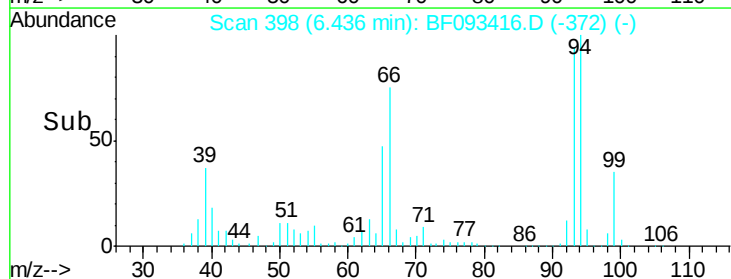
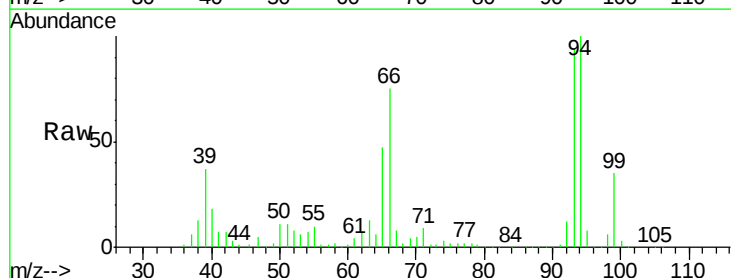
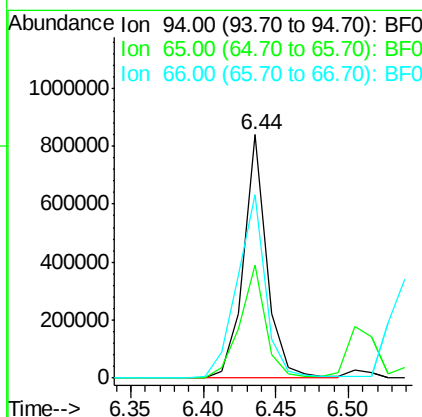
RT: 6.44 min Scan# 398

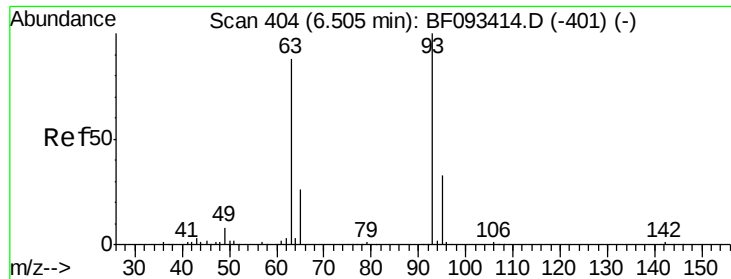
Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 941351 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 46.6  | 21.4  | 61.4   |
| 66       | 75.4  | 44.0  | 84.0   |





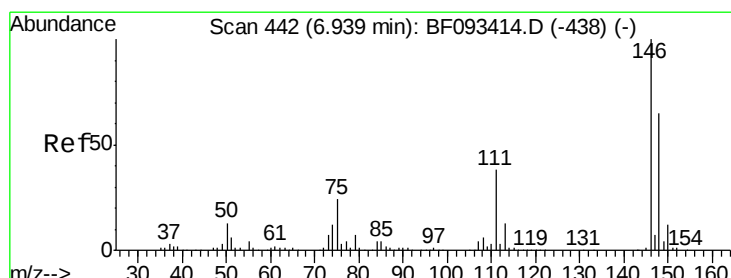
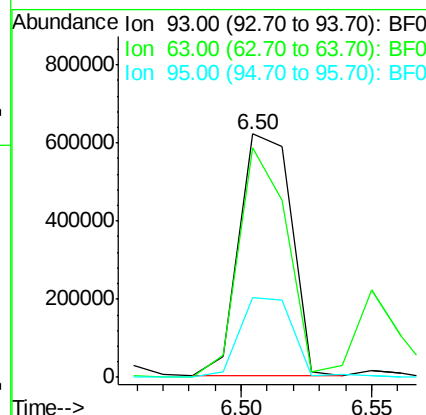
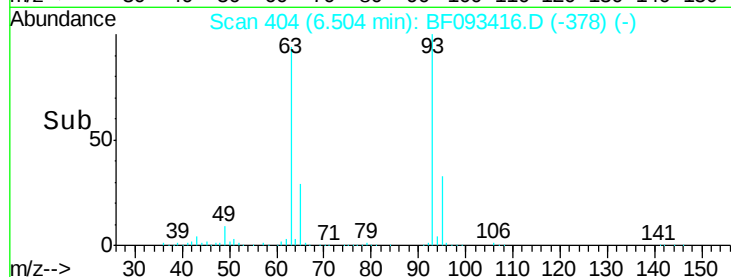
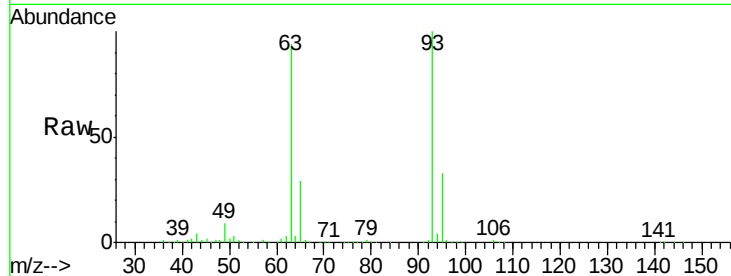
#11  
bis(2-Chloroethyl)ether  
Concen: 61.64 ng  
RT: 6.50 min Scan# 404  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 868123 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 94.1  | 60.4  | 100.4  |
| 95        | 32.7  | 12.8  | 52.8   |

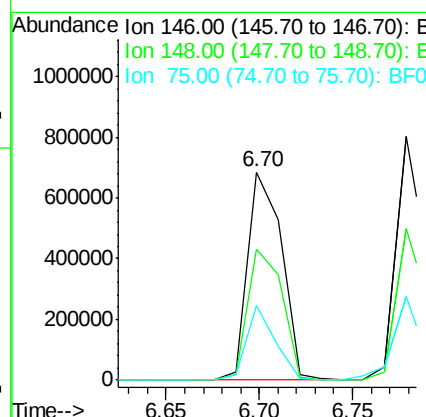
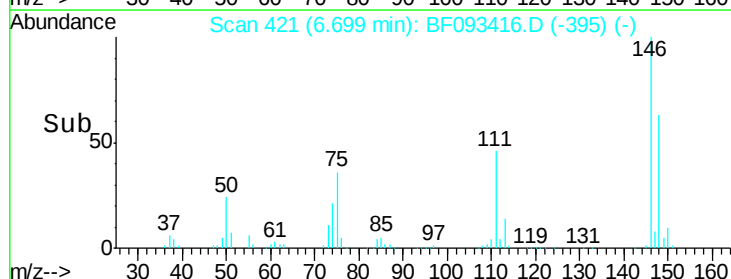
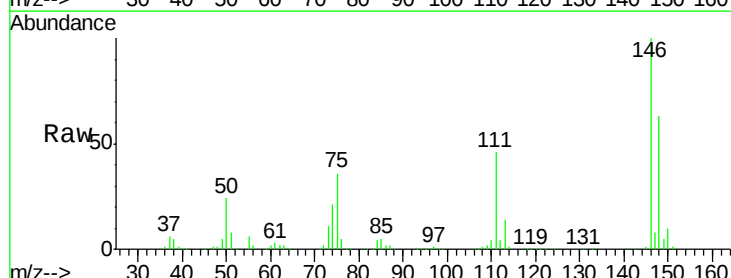
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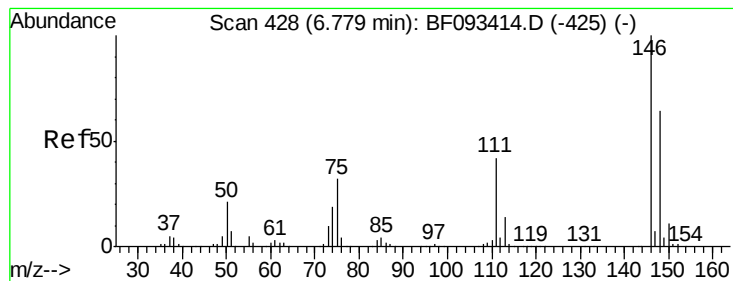
mohammad  
3/8/2017 1:45:31 PM



#12  
1,3-Dichlorobenzene  
Concen: 57.26 ng  
RT: 6.70 min Scan# 421  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 867331 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.0  | 53.4  | 80.0   |
| 75        | 35.8  | 18.5  | 27.7#  |





#13

1,4-Dichlorobenzene

Concen: 57.76 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

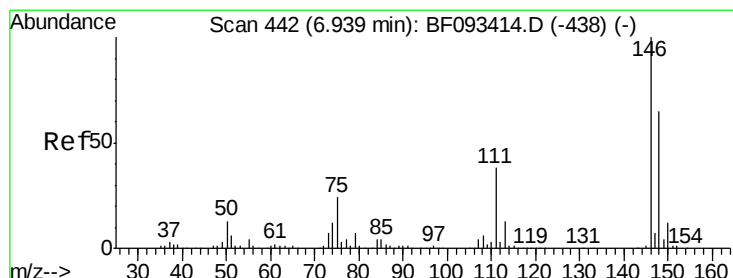
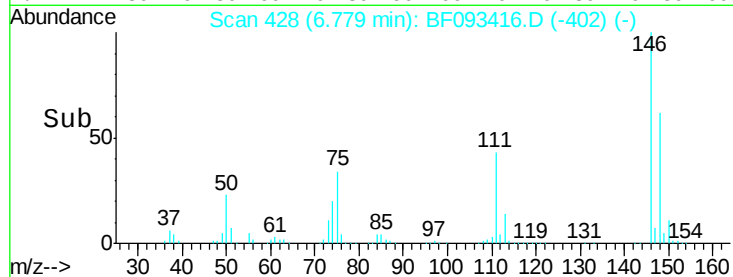
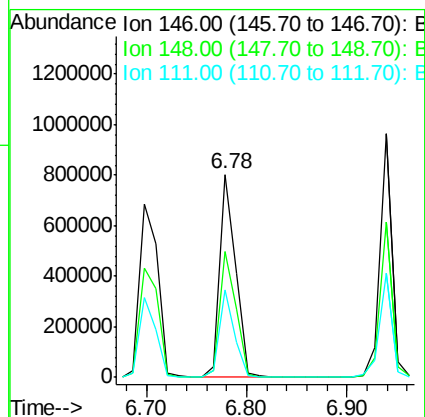
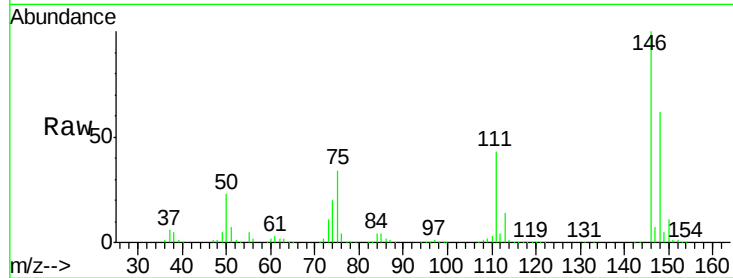
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 885497 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.2  | 50.6  | 76.0   |
| 111       | 43.3  | 36.2  | 54.4   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 54.58 ng

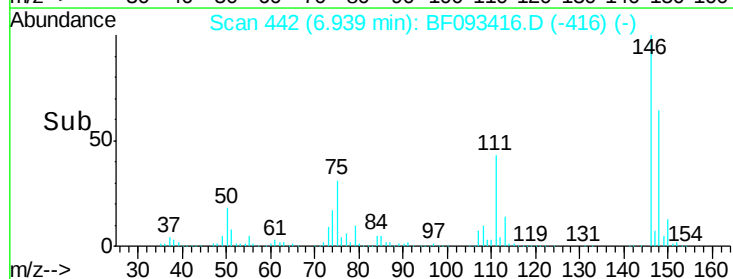
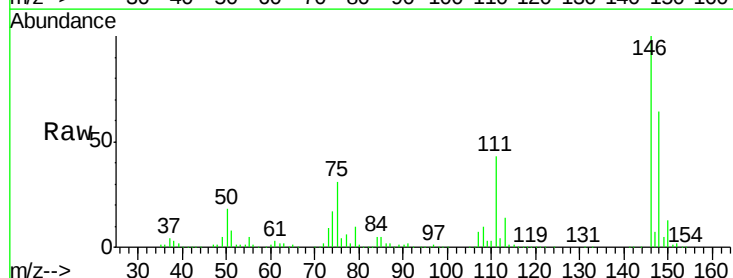
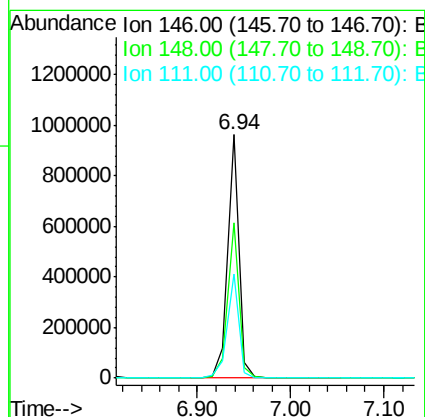
RT: 6.94 min Scan# 442

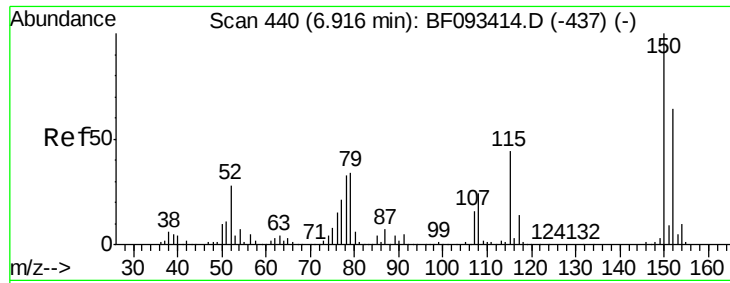
Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 800136 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 52.2  | 78.2   |
| 111       | 42.6  | 36.2  | 54.2   |





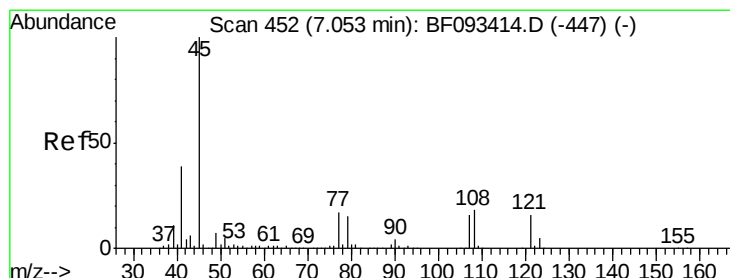
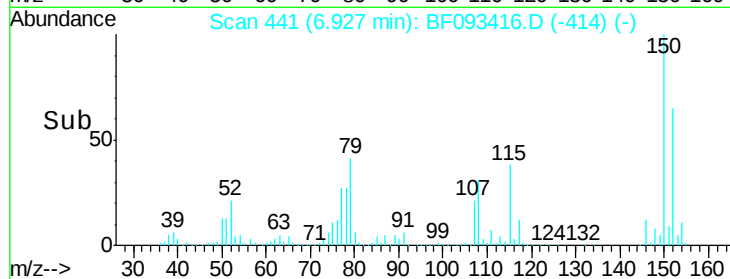
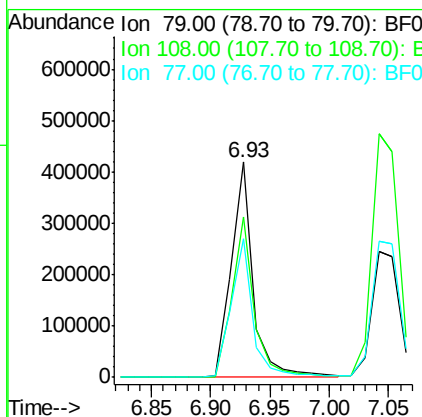
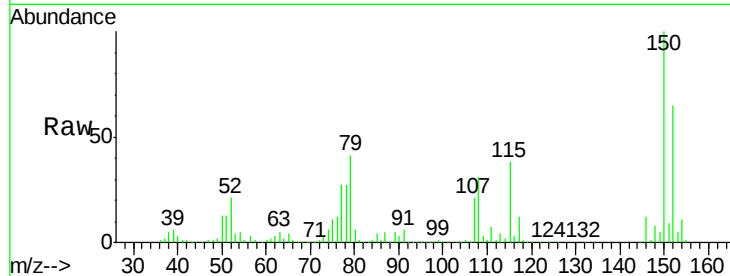
#15  
Benzyl Alcohol  
Concen: 47.91 ng  
RT: 6.93 min Scan# 441  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.9  | 61.4  | 92.0  |
| 77      | 64.5  | 50.9  | 76.3  |

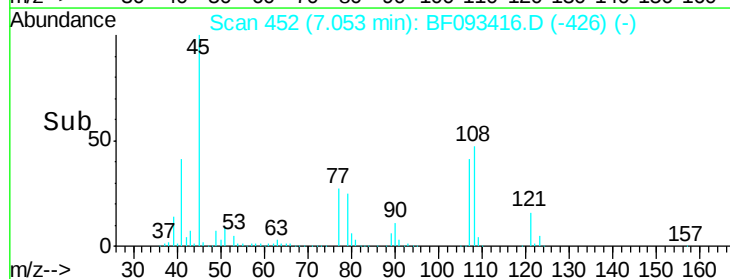
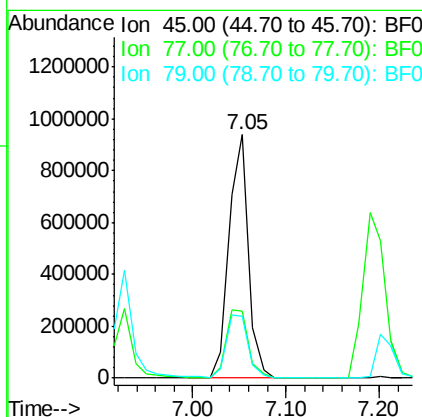
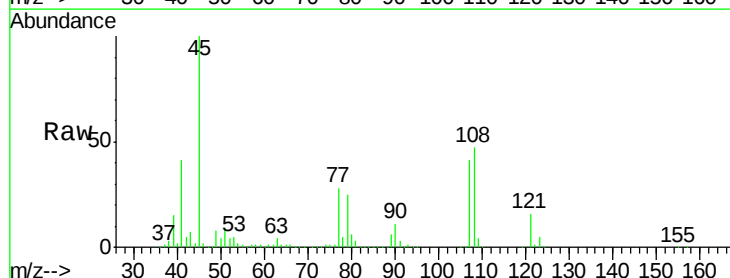
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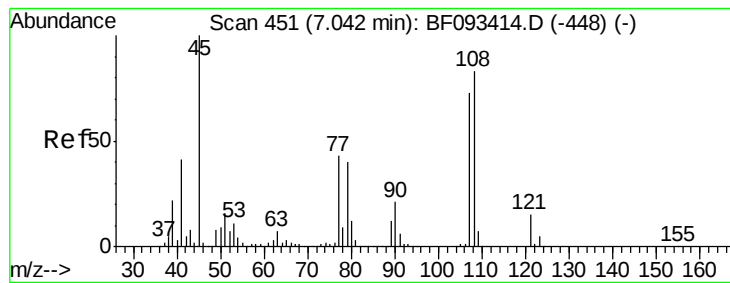
mohammad  
3/8/2017 1:45:31 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 55.54 ng  
RT: 7.05 min Scan# 452  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 27.6  | 0.0   | 34.6  |
| 79      | 25.2  | 0.0   | 31.2  |





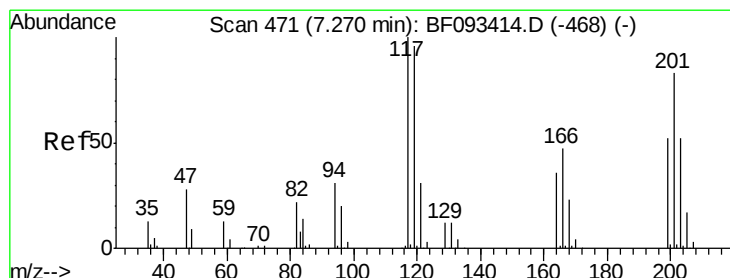
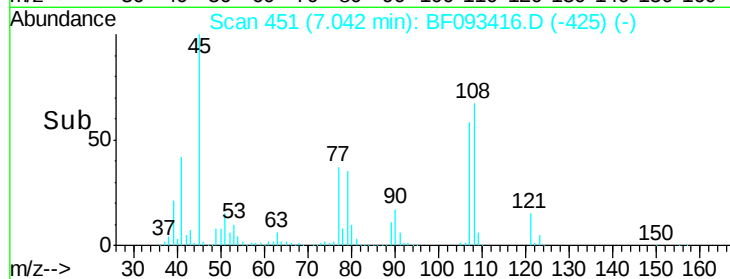
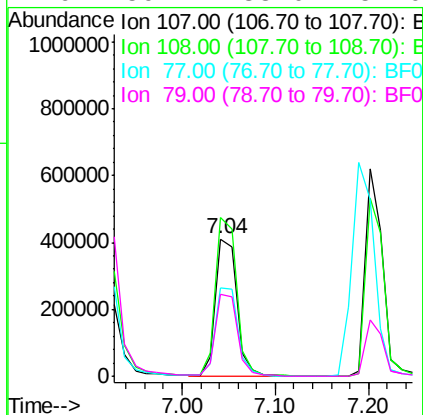
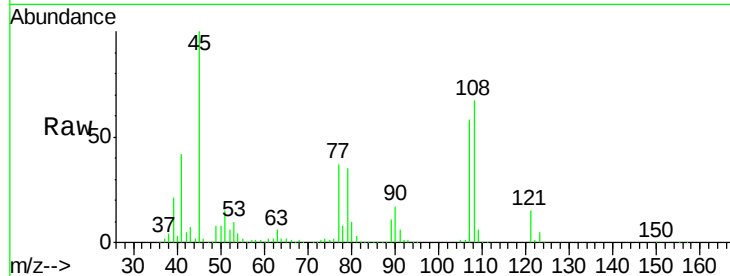
#17  
2-Methylphenol  
Concen: 58.91 ng  
RT: 7.04 min Scan# 451  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 653547 |       |       |
| 108     | 115.4 | 93.0   | 139.6 |       |
| 77      | 64.4  | 39.8   | 59.8  |       |
| 79      | 59.7  | 38.0   | 57.0  |       |

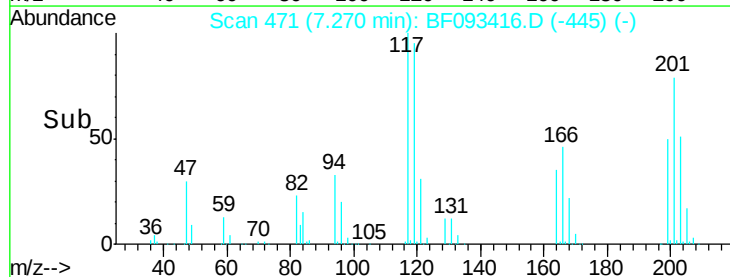
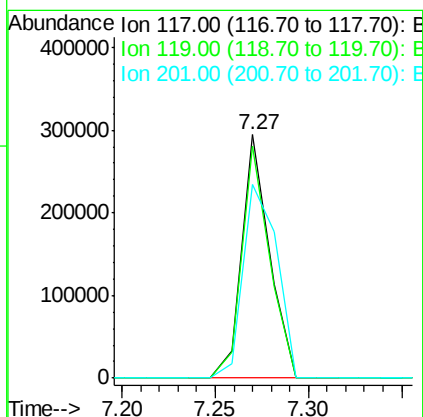
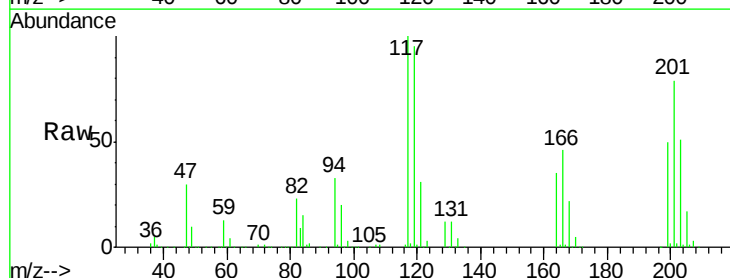
Manual Integrations  
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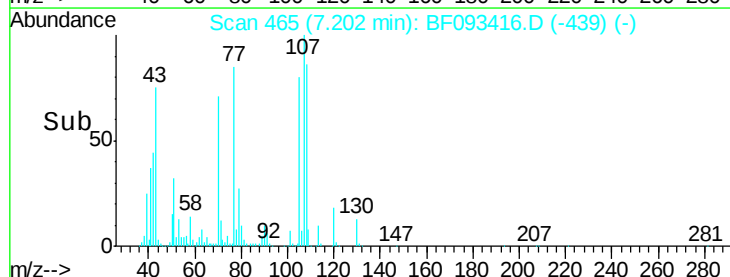
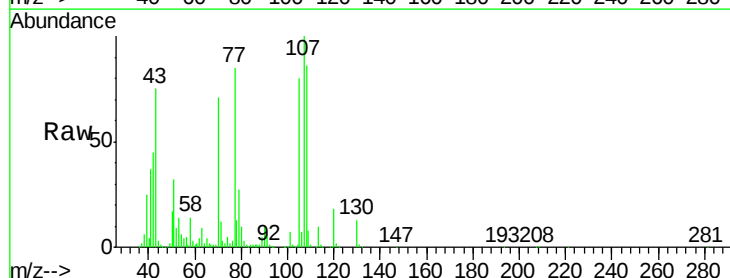
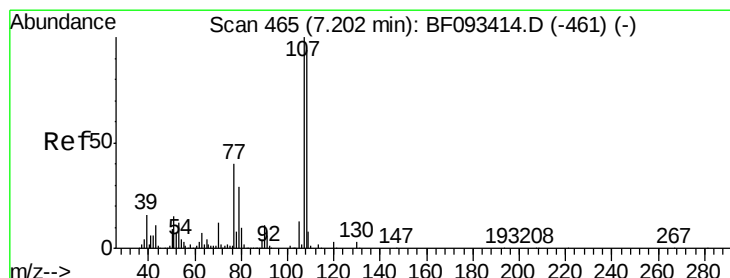
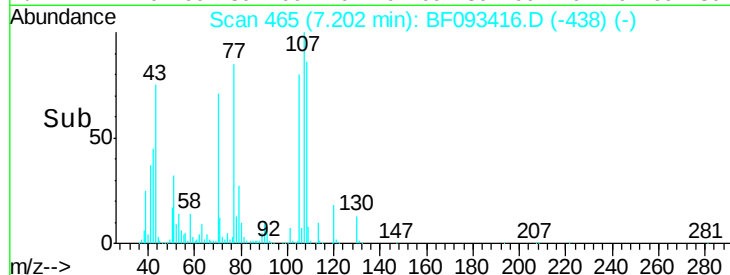
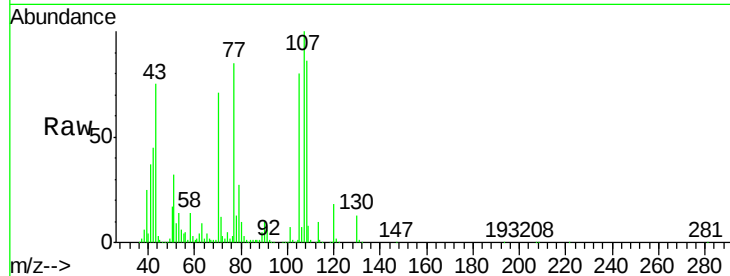
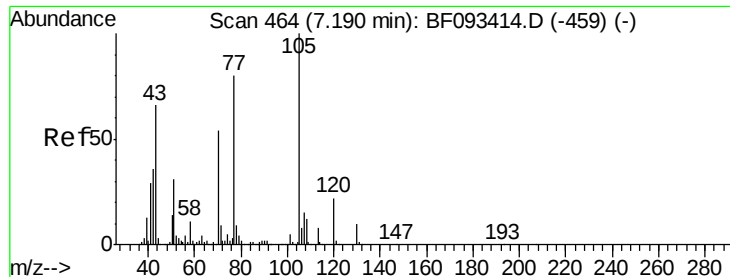
mohammad  
3/8/2017 1:45:31 PM



#18  
Hexachloroethane  
Concen: 57.91 ng  
RT: 7.27 min Scan# 471  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 303067 |       |       |
| 119     | 95.1  | 78.1   | 117.1 |       |
| 201     | 79.4  | 78.6   | 117.8 |       |





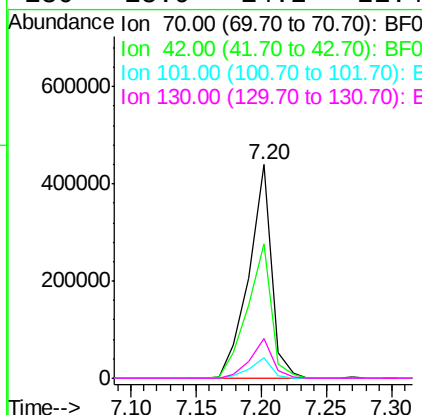
#19  
n-Nitroso-di-n-propylamine  
Concen: 55.72 ng  
RT: 7.20 min Scan# 465  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 63.1  | 49.4  | 74.0  |
| 101     | 9.3   | 7.4   | 11.2  |
| 130     | 18.9  | 14.2  | 21.4  |

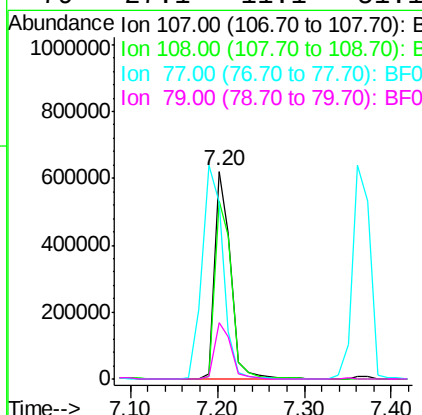
Manual Integrations  
APPROVED

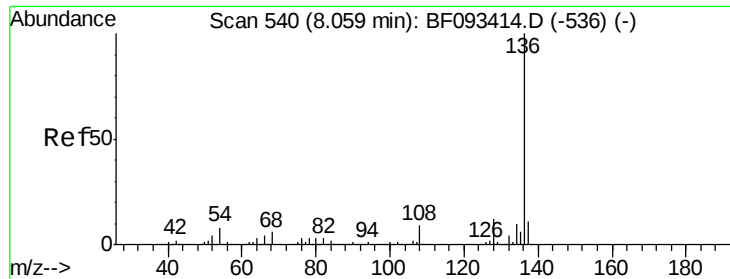
mohammad  
3/8/2017 1:45:31 PM



#20  
3+4-Methylphenols  
Concen: 60.22 ng  
RT: 7.20 min Scan# 465  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.0  | 73.0  | 113.0 |
| 77      | 85.2  | 71.3  | 111.3 |
| 79      | 27.1  | 11.1  | 51.1  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 843937  
Ion Ratio Lower Upper

136 100

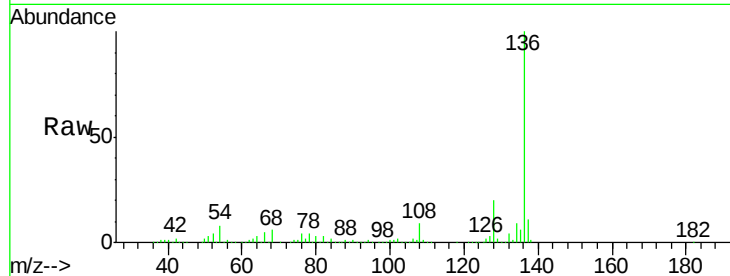
137 10.9 8.4 12.6

54 7.8 4.5 6.7#

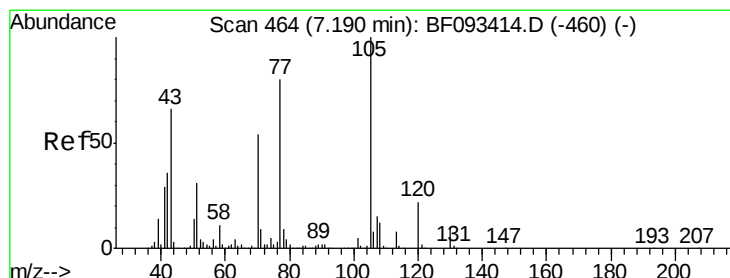
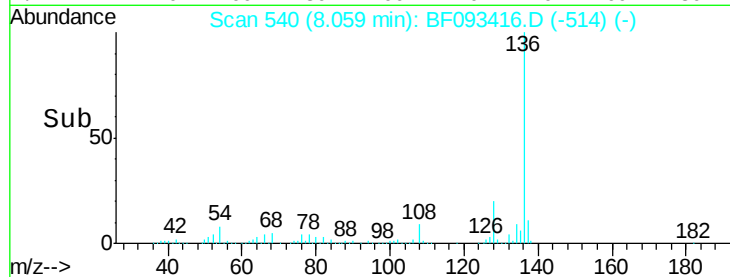
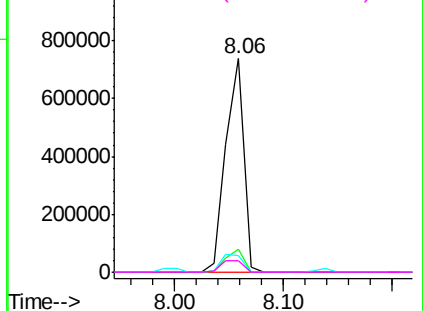
68 5.6 3.6 5.4#

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



#22

Acetophenone

Concen: 55.72 ng

RT: 7.19 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Tgt Ion:105 Resp: 1073588  
Ion Ratio Lower Upper

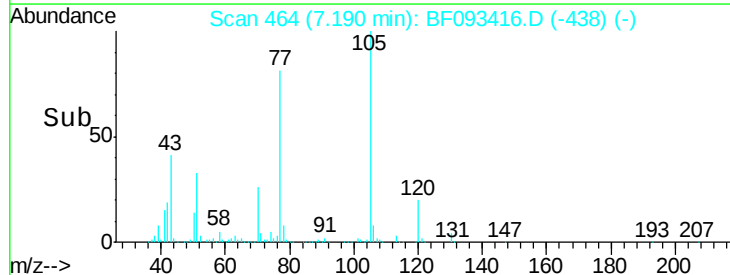
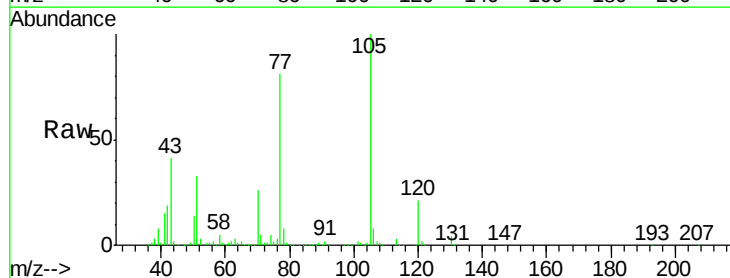
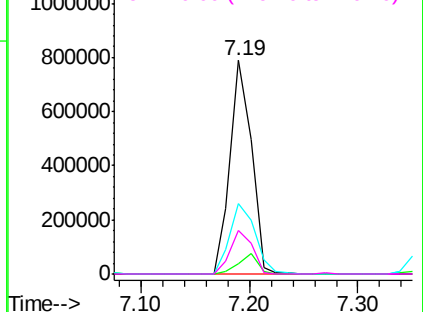
105 100

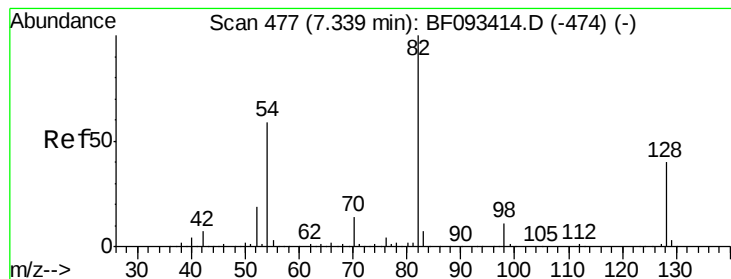
71 4.5 3.2 4.8

51 32.7 26.2 39.4

120 20.6 16.6 24.8

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





#23

Nitrobenzene-d5

Concen: 113.51 ng

RT: 7.35 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1720244

Ion Ratio Lower Upper

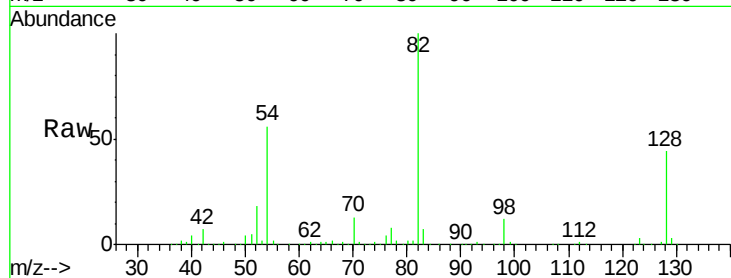
82 100

128 43.8 34.6 52.0

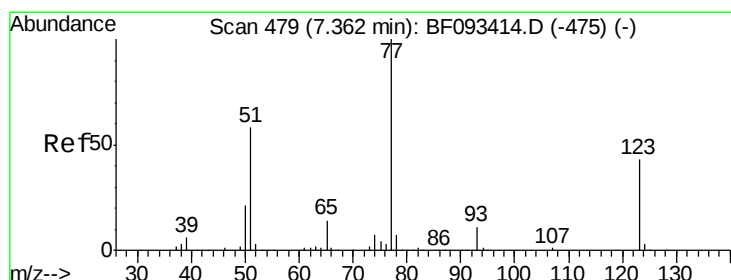
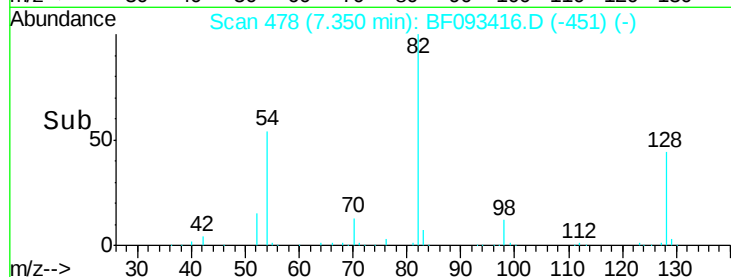
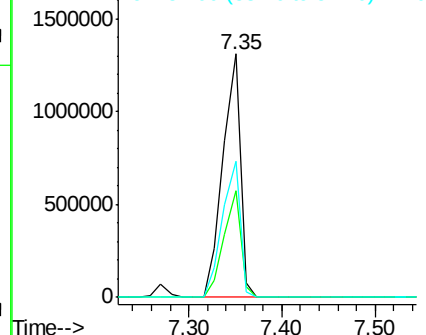
54 56.2 39.5 59.3

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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 57.14 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

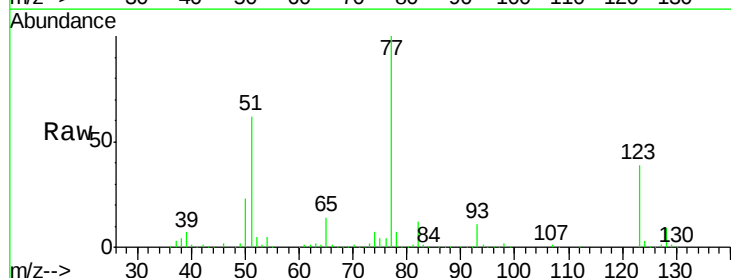
Tgt Ion: 77 Resp: 889212

Ion Ratio Lower Upper

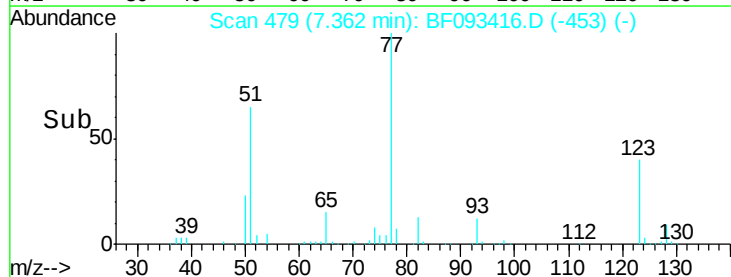
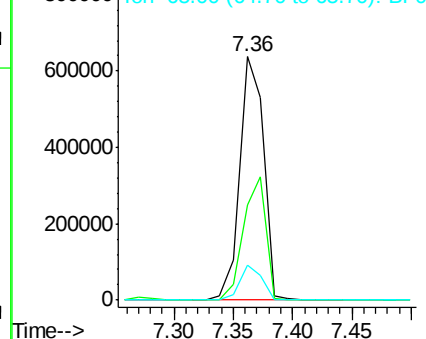
77 100

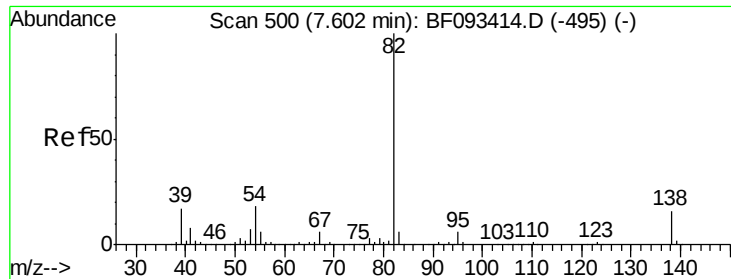
123 39.1 33.0 49.4

65 14.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 62.07 ng

RT: 7.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion: 82 Resp: 1752951

Ion Ratio Lower Upper

82 100

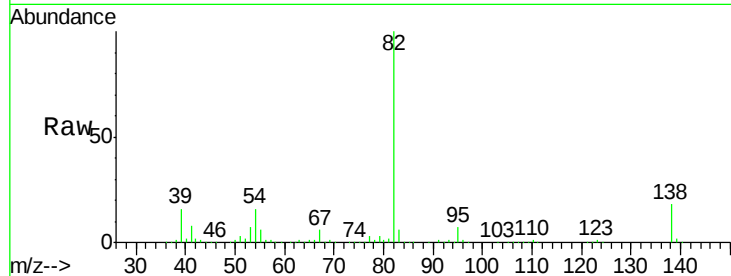
95 6.7 5.6 8.4

138 18.0 14.6 22.0

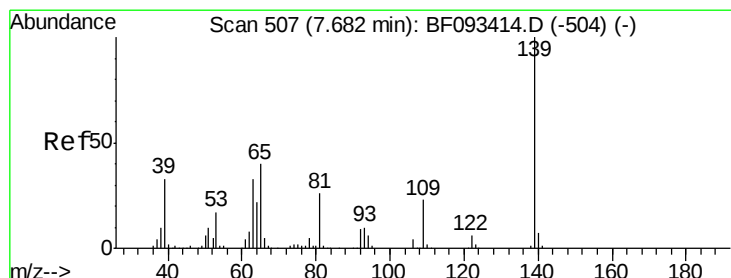
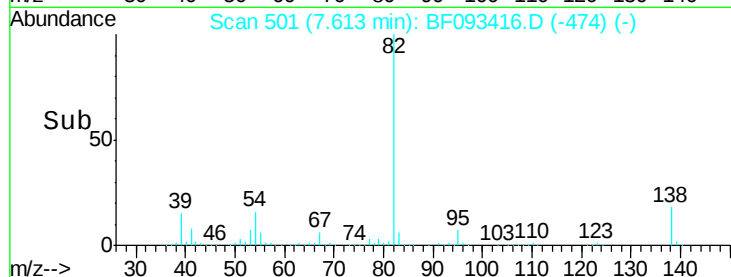
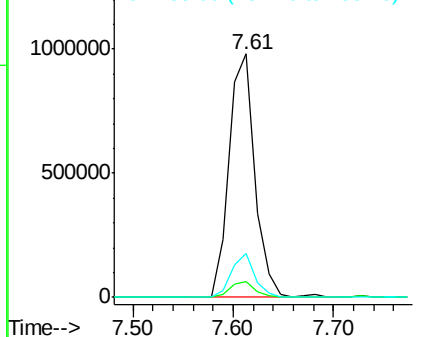
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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 64.86 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

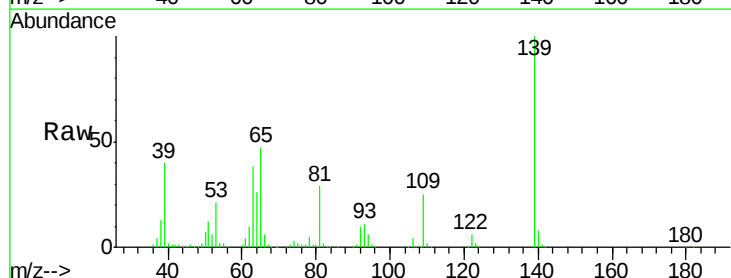
Tgt Ion: 139 Resp: 479756

Ion Ratio Lower Upper

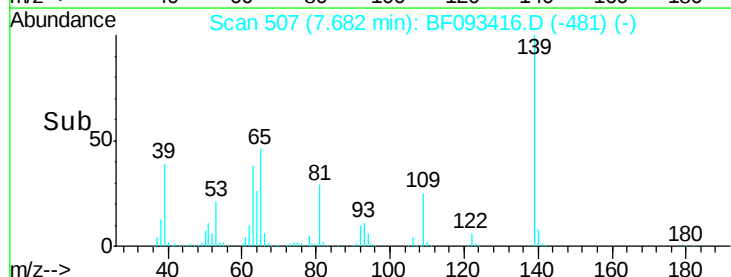
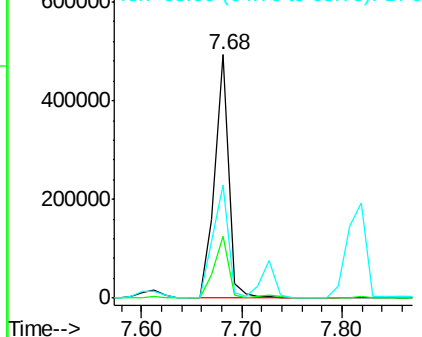
139 100

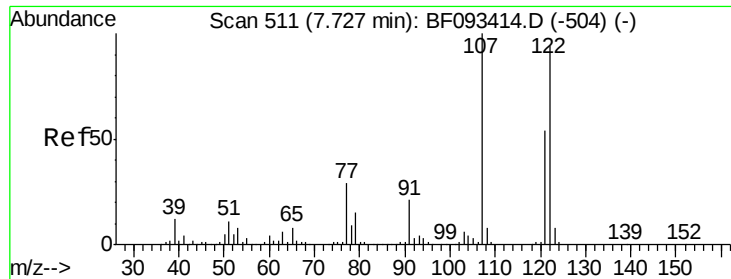
109 25.4 23.3 34.9

65 46.5 42.7 64.1



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





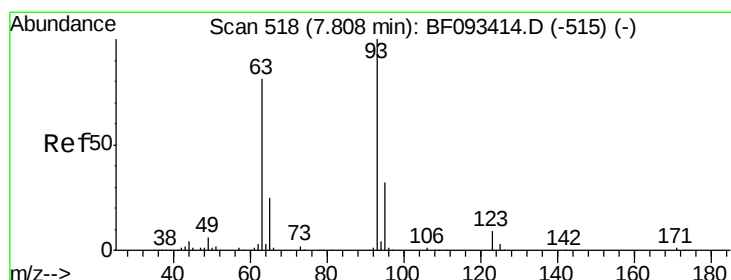
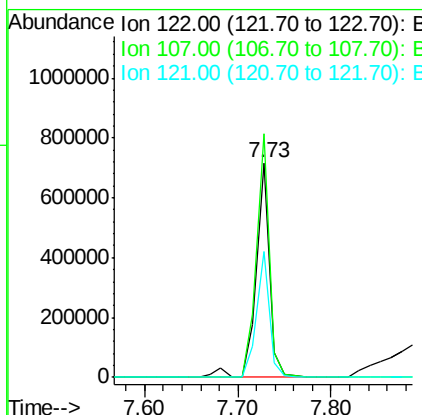
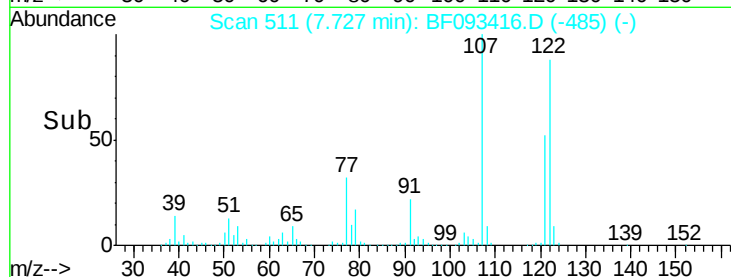
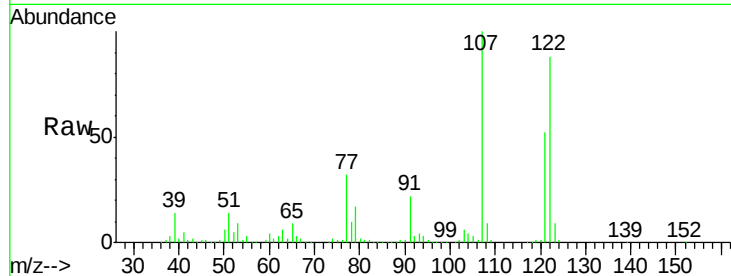
#27  
2,4-Dimethylphenol  
Concen: 55.12 ng  
RT: 7.73 min Scan# 511  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.6 | 94.1  | 141.1 |
| 121     | 58.9  | 46.0  | 69.0  |

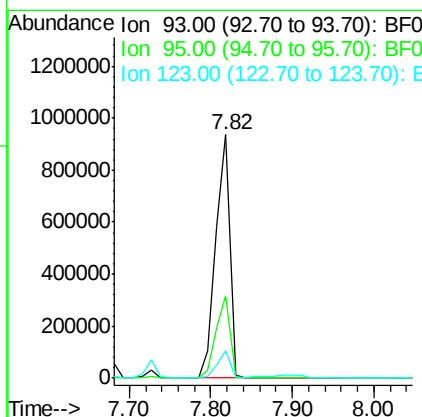
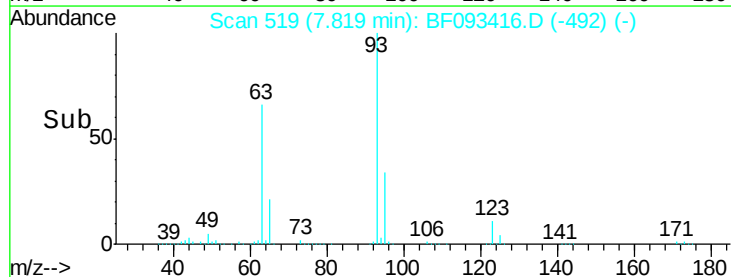
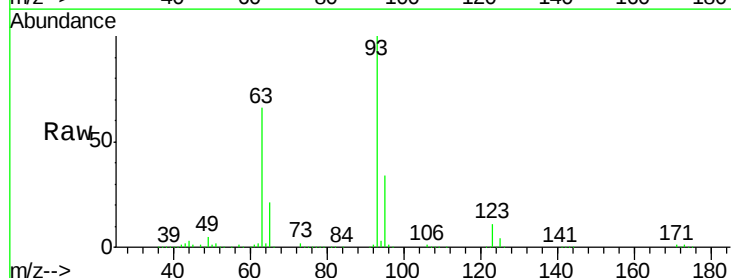
Manual Integrations  
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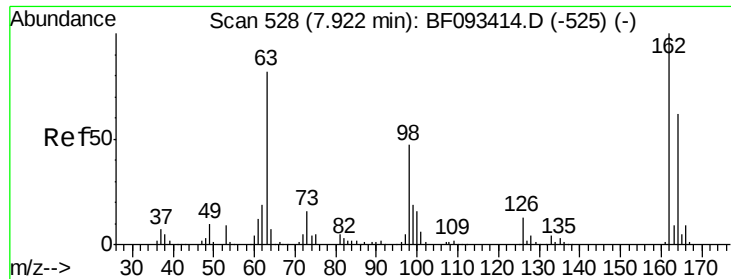
mohammad  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 60.61 ng  
RT: 7.82 min Scan# 519  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.6  | 26.5  | 39.7  |
| 123     | 11.2  | 8.6   | 13.0  |





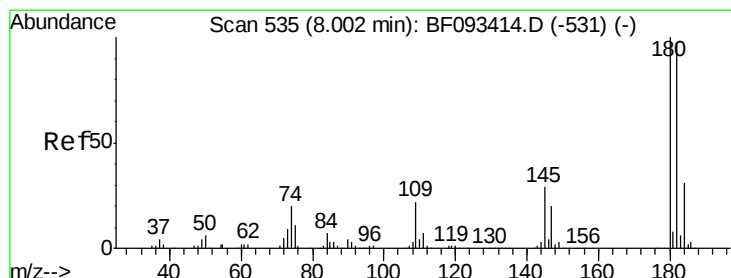
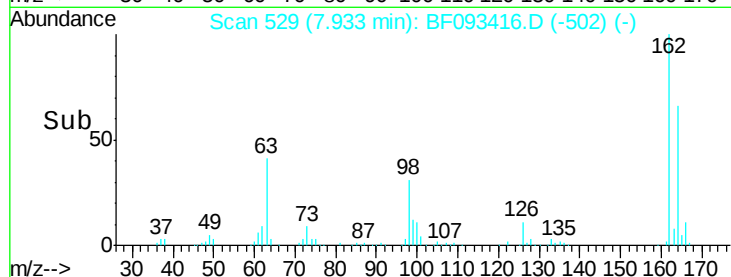
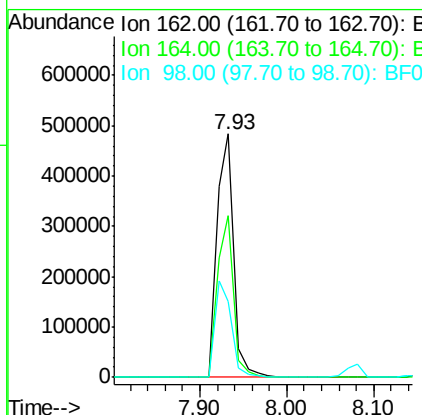
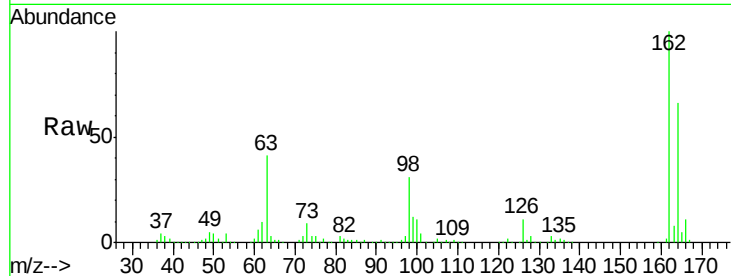
#29  
2,4-Dichlorophenol  
Concen: 53.87 ng  
RT: 7.93 min Scan# 529  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 652711 |       |       |
| 164     | 66.3  | 46.8   | 86.8  |       |
| 98      | 31.3  | 9.1    | 49.1  |       |

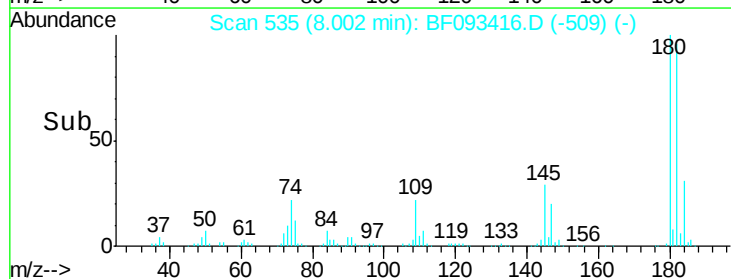
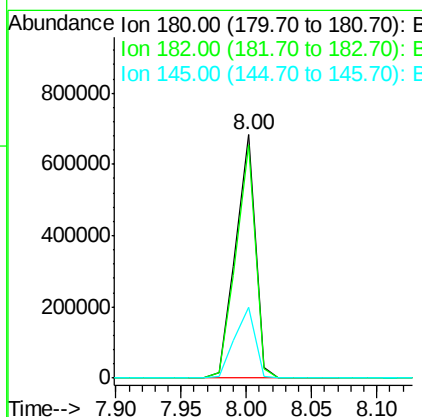
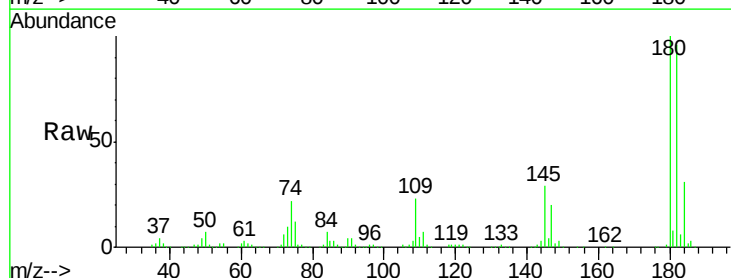
Manual Integrations  
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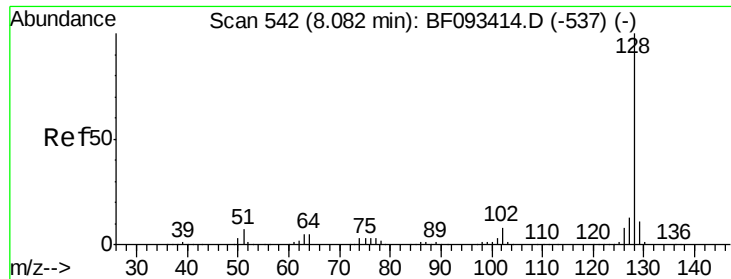
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 54.93 ng  
RT: 8.00 min Scan# 535  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 717252 |       |       |
| 182     | 96.1  | 78.2   | 117.4 |       |
| 145     | 29.3  | 21.6   | 32.4  |       |





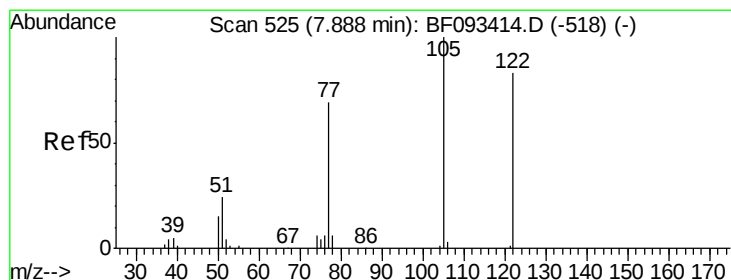
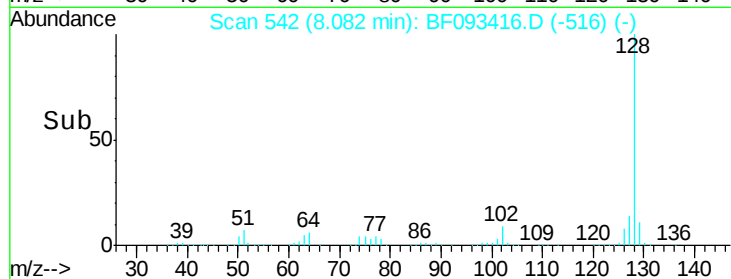
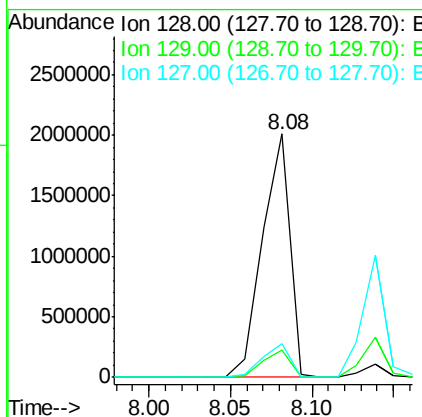
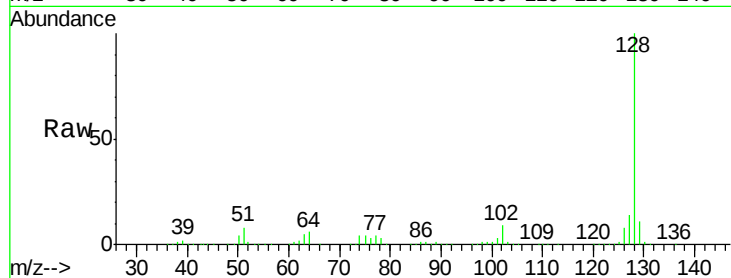
#31  
Naphthalene  
Concen: 55.16 ng  
RT: 8.08 min Scan# 542  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:128 Resp: 2359726  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.5 14.3  
127 13.9 10.8 16.2

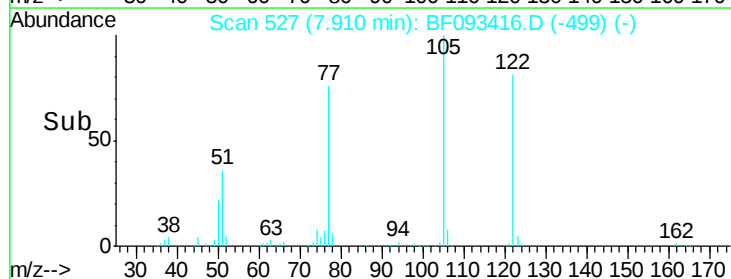
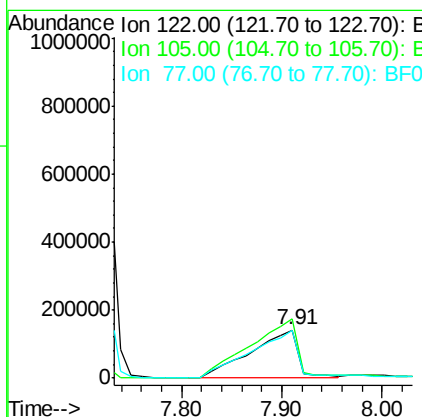
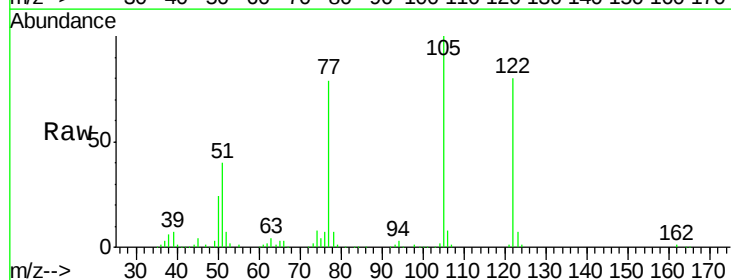
Manual Integrations  
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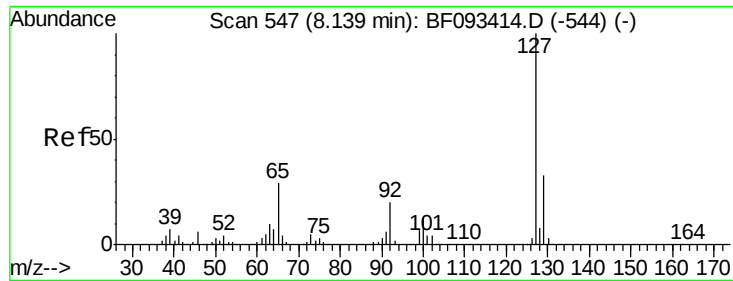
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#32  
Benzoic acid  
Concen: 69.68 ng  
RT: 7.91 min Scan# 527  
Delta R.T. 0.02 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Tgt Ion:122 Resp: 459210  
Ion Ratio Lower Upper  
122 100  
105 124.2 107.2 147.2  
77 98.6 74.5 114.5





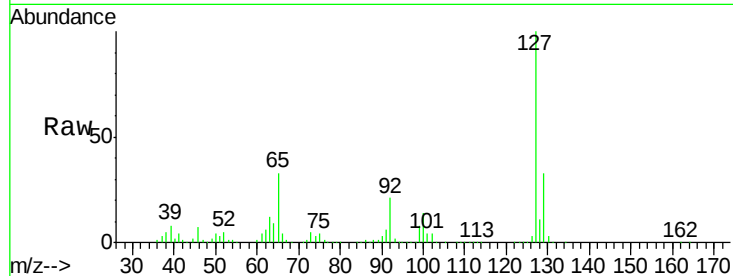
#33  
4-Chloroaniline  
Concen: 58.62 ng  
RT: 8.14 min Scan# 547  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

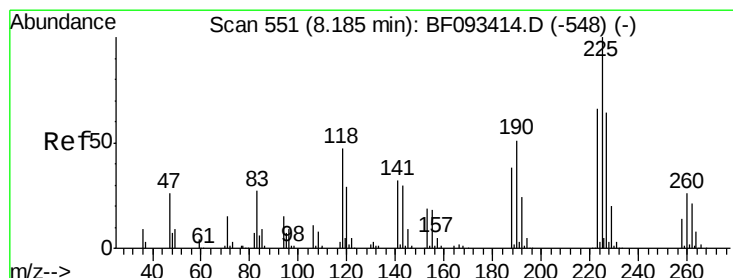
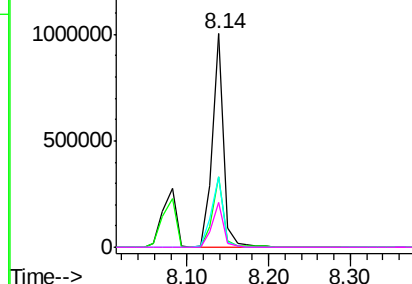
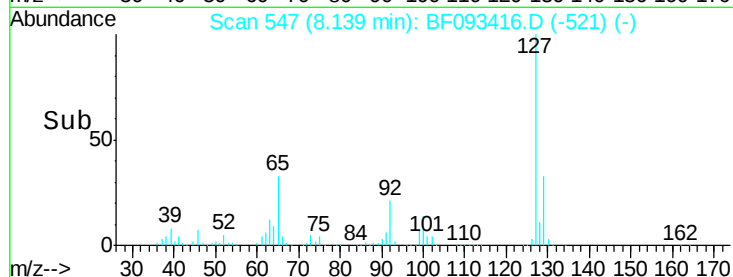
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.2 | 26.3  | 39.5 |       |       |
| 65      | 33.0 | 25.8  | 38.8 |       |       |
| 92      | 20.9 | 16.1  | 24.1 |       |       |

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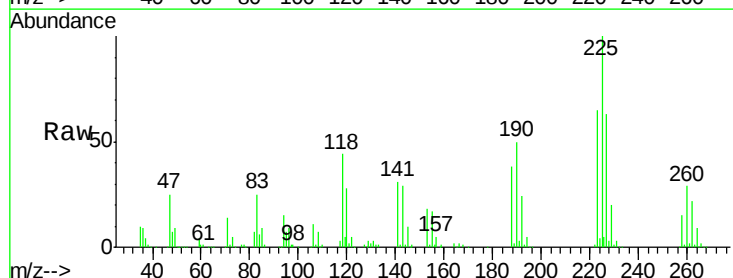


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

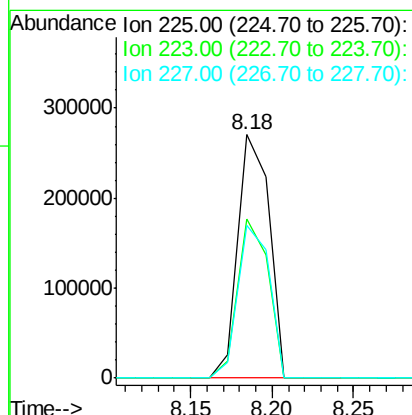
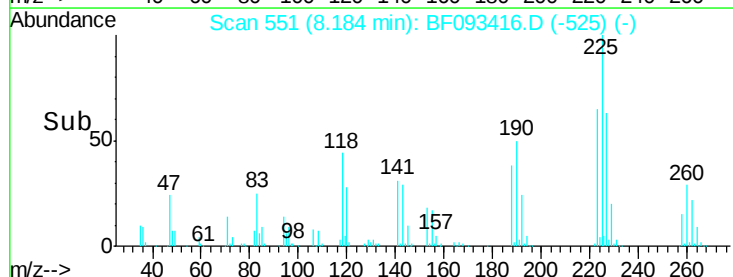


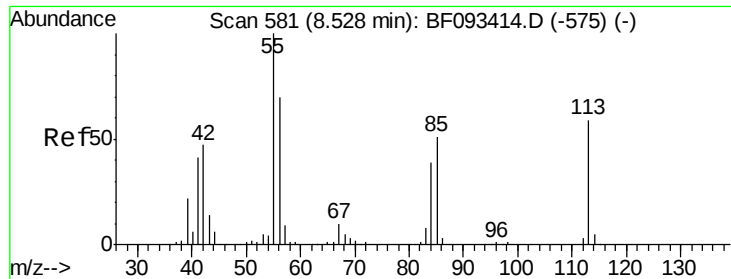
#34  
Hexachlorobutadiene  
Concen: 49.86 ng  
RT: 8.18 min Scan# 551  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 65.2 | 51.0  | 76.6 |       |       |
| 227     | 62.6 | 50.6  | 76.0 |       |       |



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





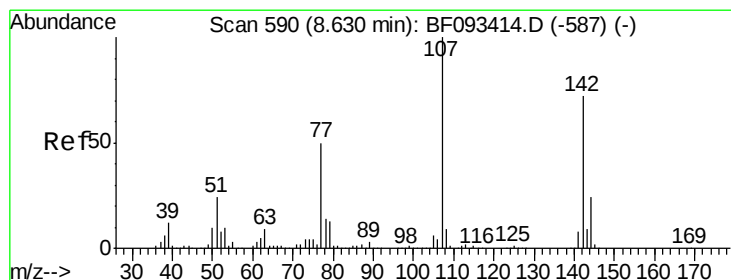
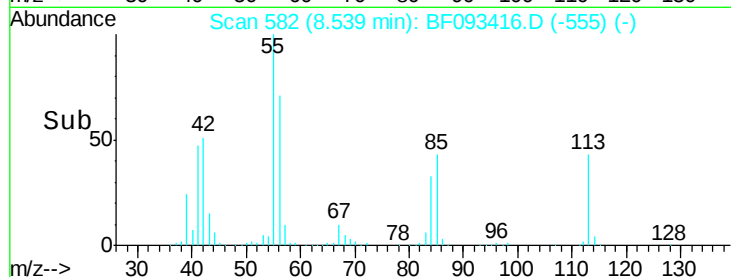
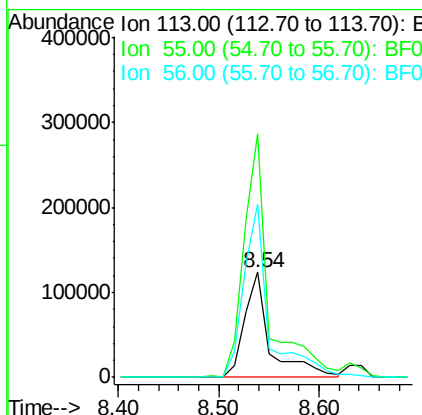
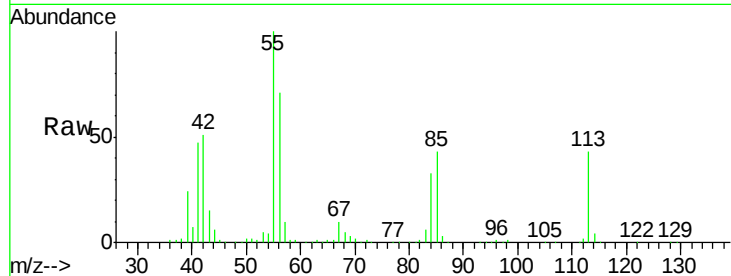
#35  
Caprolactam  
Concen: 57.39 ng  
RT: 8.54 min Scan# 582  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 231.2 | 119.2 | 159.2# |
| 56      | 165.1 | 83.8  | 123.8# |

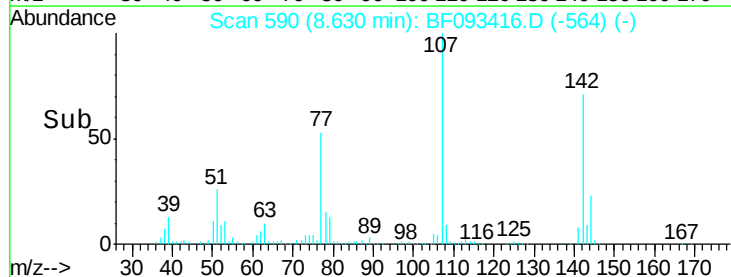
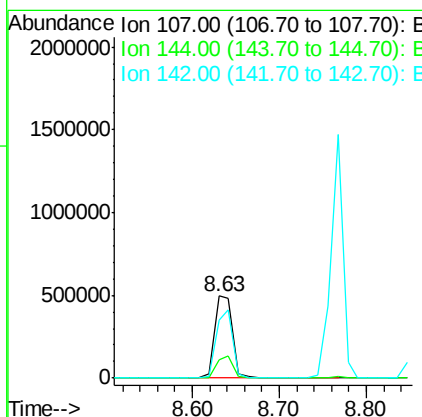
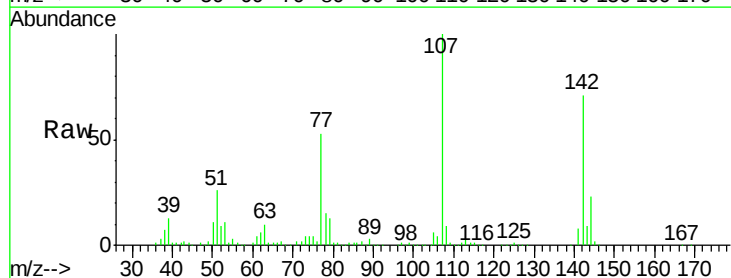
Manual Integrations  
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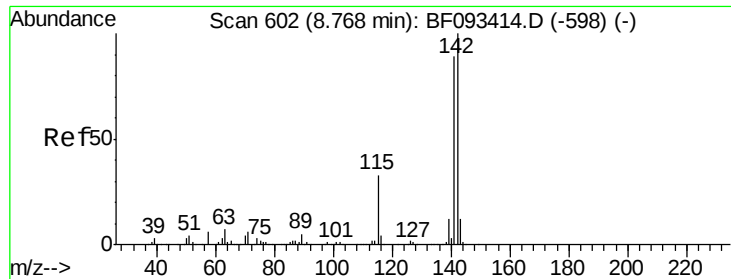
mohammad  
3/8/2017 1:45:31 PM



#36  
4-Chloro-3-methylphenol  
Concen: 56.93 ng  
RT: 8.63 min Scan# 590  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.7  | 19.3  | 28.9  |
| 142     | 71.1  | 59.0  | 88.6  |





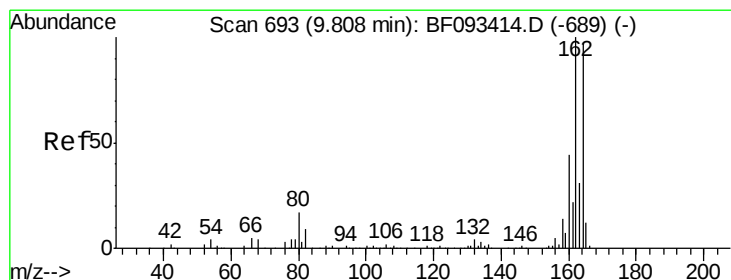
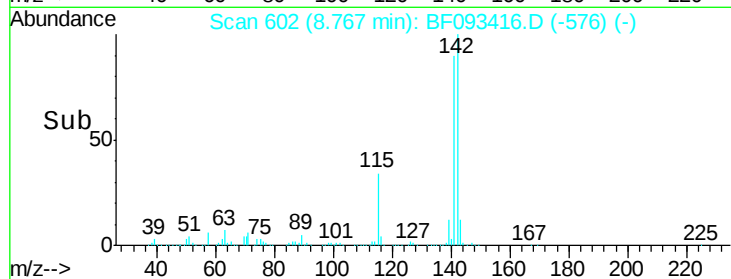
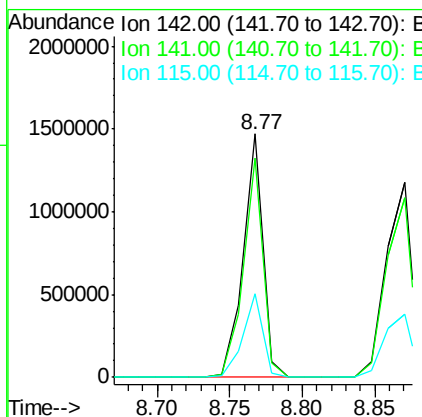
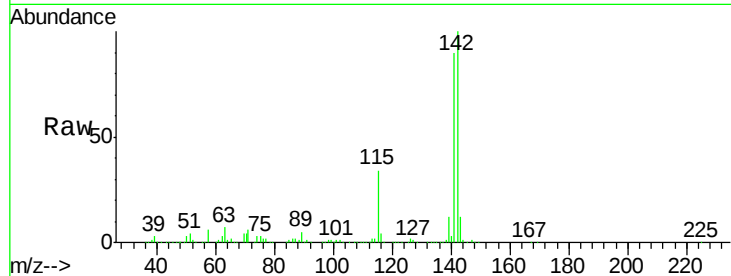
#37  
2-Methylnaphthalene  
Concen: 50.57 ng  
RT: 8.77 min Scan# 602  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 71.0  | 106.6 |
| 115     | 34.4  | 28.3  | 42.5  |

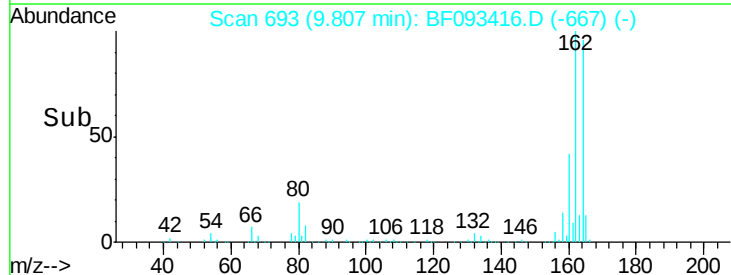
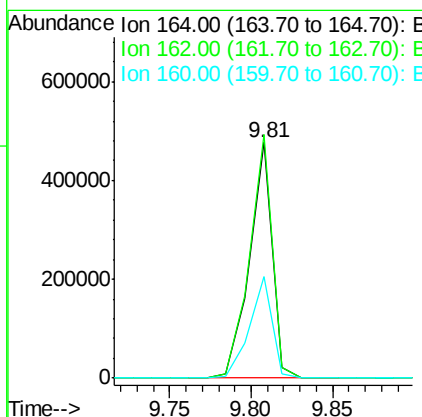
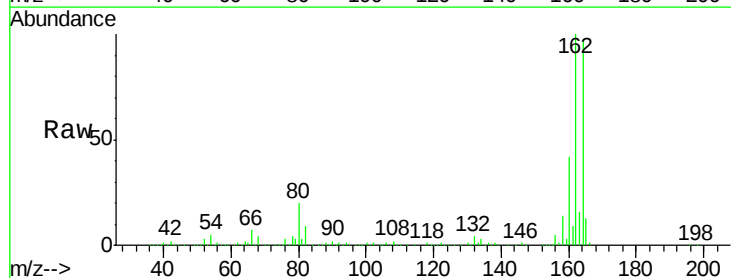
Manual Integrations  
APPROVED

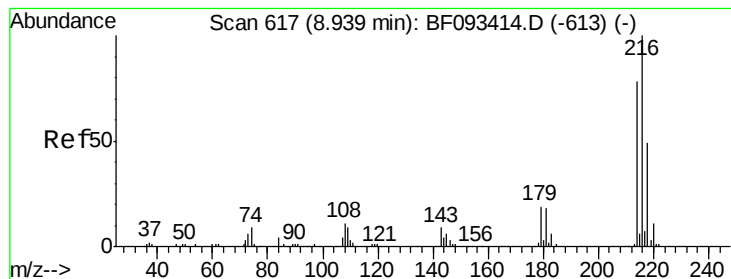
mohammad  
3/8/2017 1:45:31 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.81 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.4 | 80.2  | 120.2 |
| 160     | 43.1  | 36.9  | 55.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.55 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

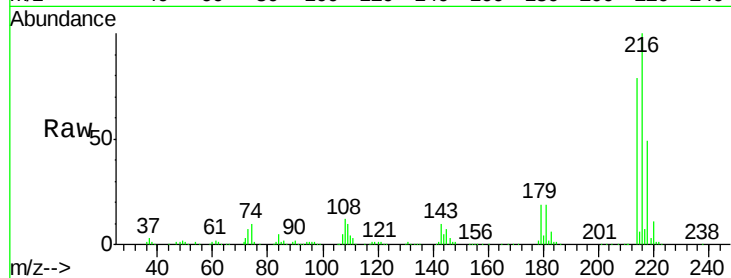
ClientSampleId :

SSTDICC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 688420 |       |       |
| 214     | 79.4 |       | 63.4   | 95.0  |       |
| 179     | 21.8 |       | 17.4   | 26.2  |       |
| 108     | 18.1 |       | 15.6   | 23.4  |       |

Manual Integrations  
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mohammad  
3/8/2017 1:45:31 PM

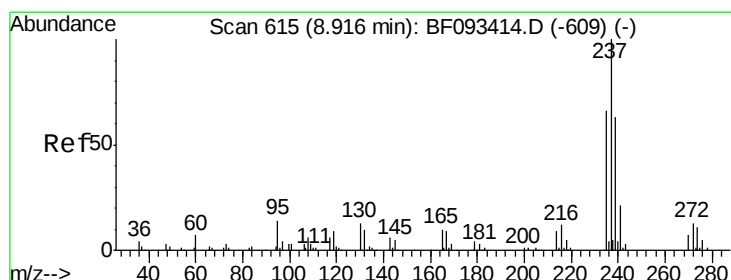
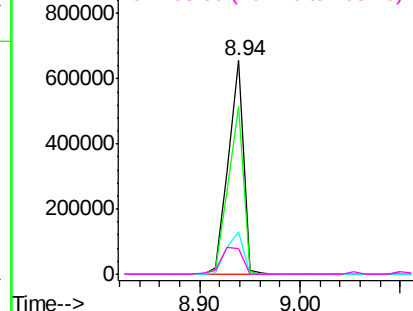
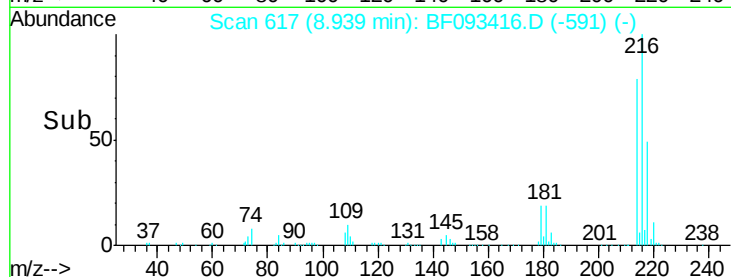


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 30.51 ng

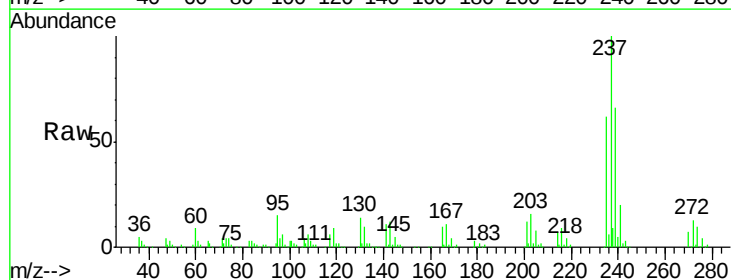
RT: 8.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

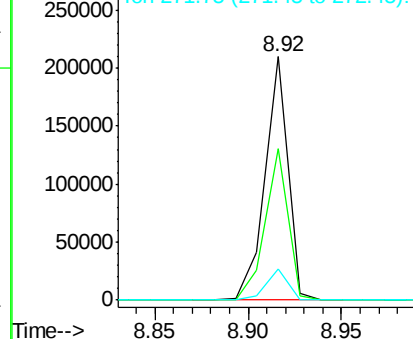
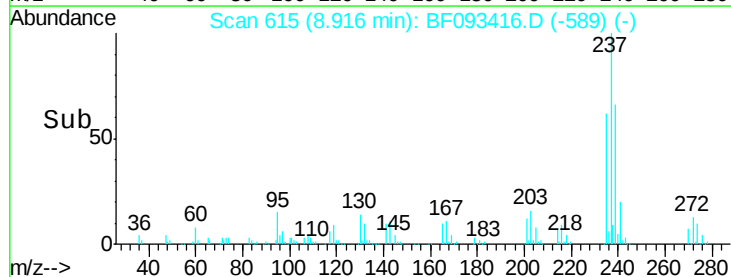
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 176998 |       |       |
| 235     | 62.3 |       | 41.2   | 81.2  |       |
| 272     | 12.8 |       | 0.0    | 35.4  |       |

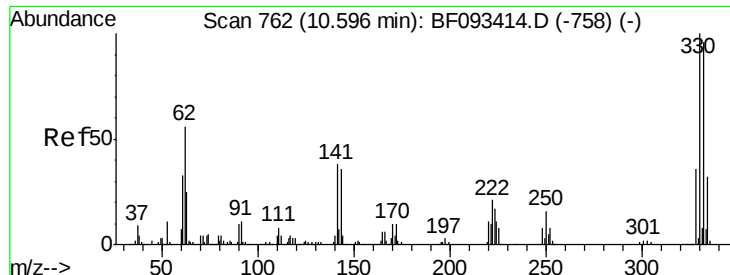


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





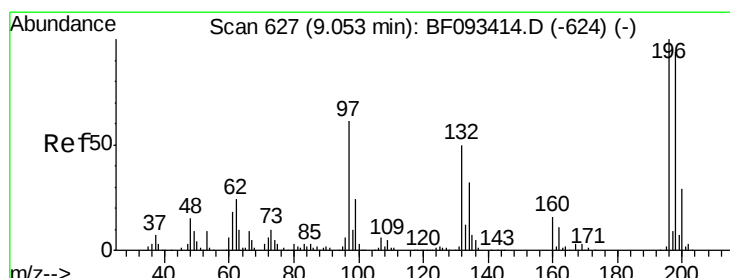
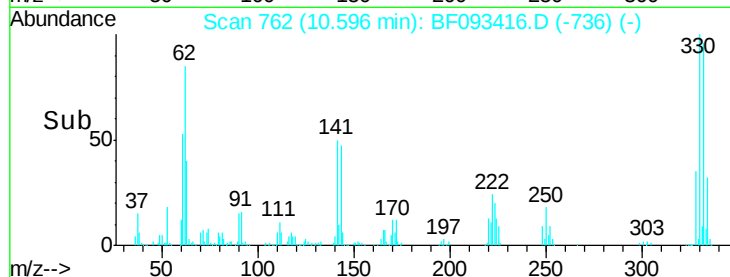
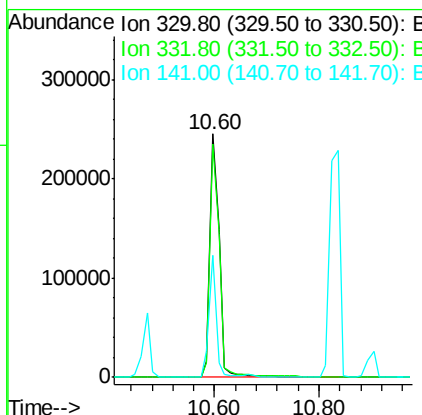
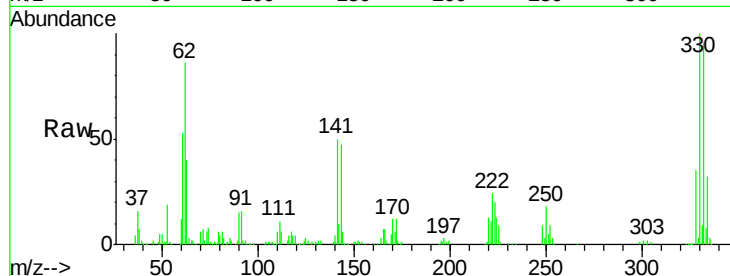
#41  
 2,4,6-Tribromophenol  
 Concen: 92.65 ng  
 RT: 10.60 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 77.4  | 116.2 |
| 141     | 38.8  | 34.1  | 51.1  |

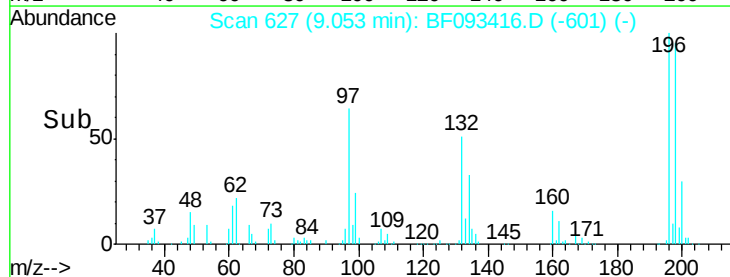
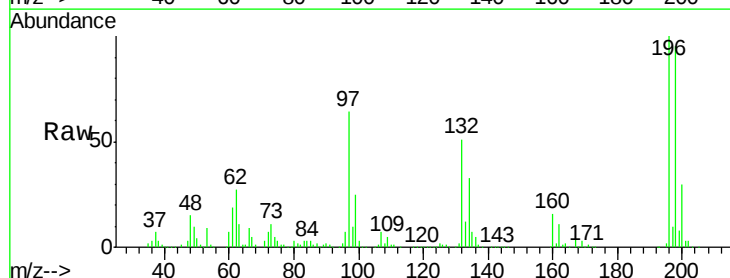
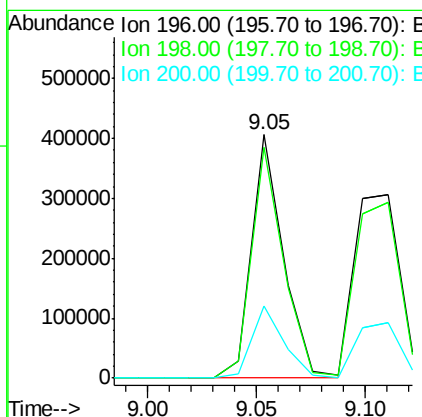
Manual Integrations  
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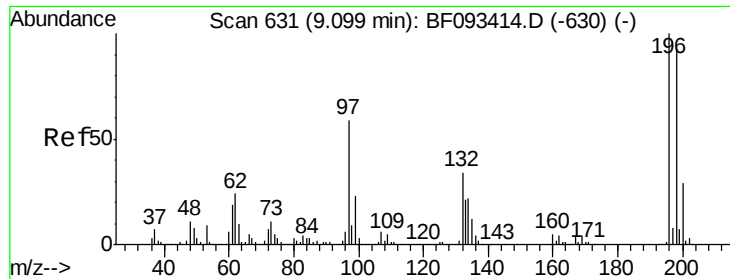
mohammad  
 3/8/2017 1:45:31 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 49.41 ng  
 RT: 9.05 min Scan# 627  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.6  | 82.1  | 123.1 |
| 200     | 29.7  | 27.0  | 40.4  |





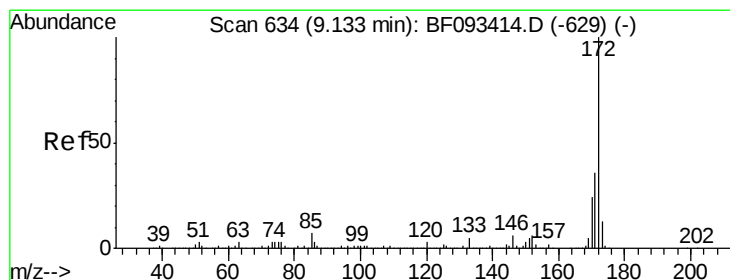
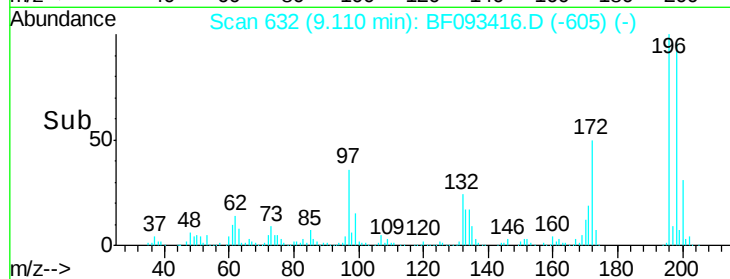
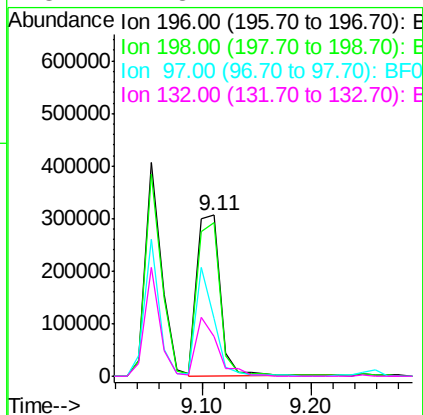
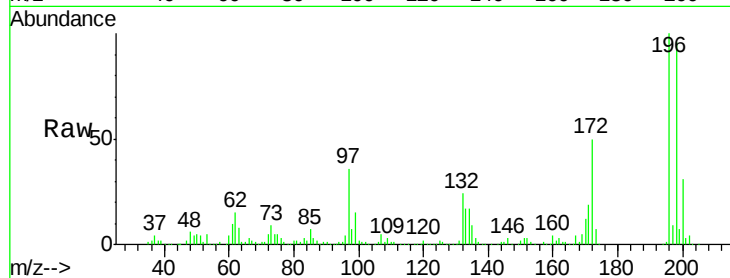
#43  
 2,4,5-Trichlorophenol  
 Concen: 49.61 ng  
 RT: 9.11 min Scan# 632  
 Delta R.T. 0.01 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 459195 |       |       |
| 198     | 95.7  | 79.4   | 119.2 |       |
| 97      | 36.2  | 51.5   | 77.3  |       |
| 132     | 24.3  | 27.4   | 41.2  |       |

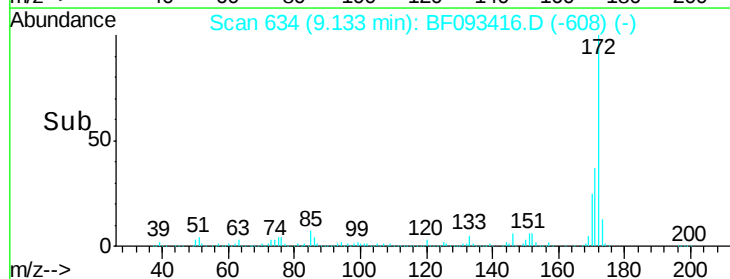
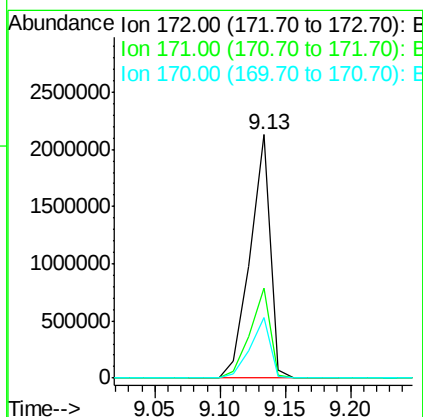
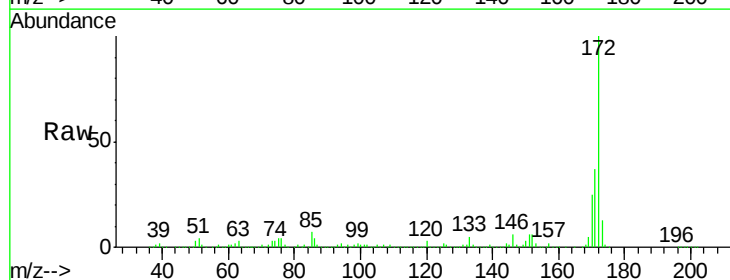
Manual Integrations  
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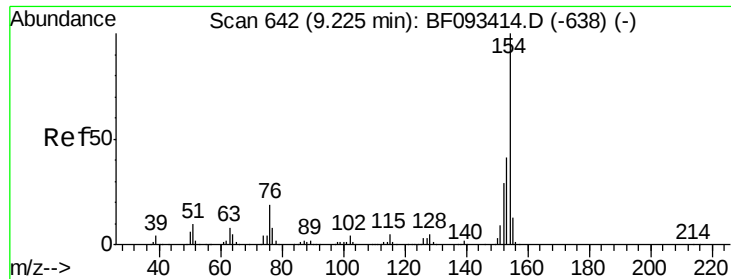
mohammad  
 3/8/2017 1:45:31 PM



#44  
 2-Fluorobiphenyl  
 Concen: 90.62 ng  
 RT: 9.13 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2290964 |       |       |
| 171     | 37.1  | 29.4    | 44.0  |       |
| 170     | 24.8  | 20.2    | 30.4  |       |





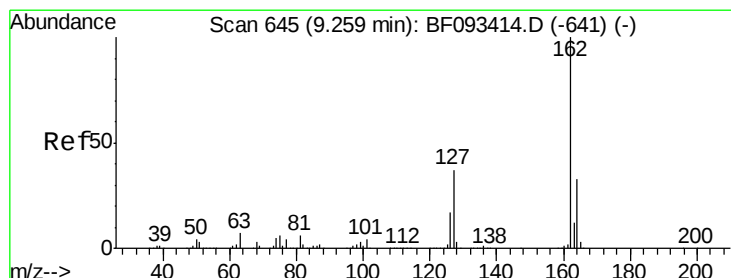
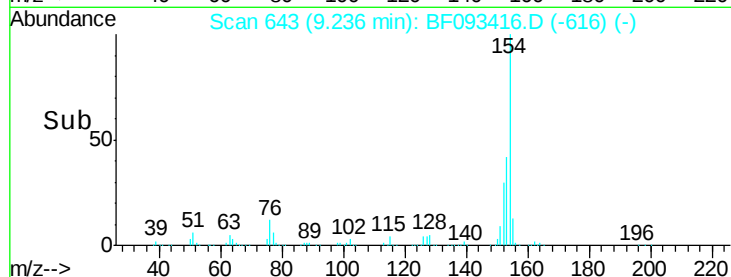
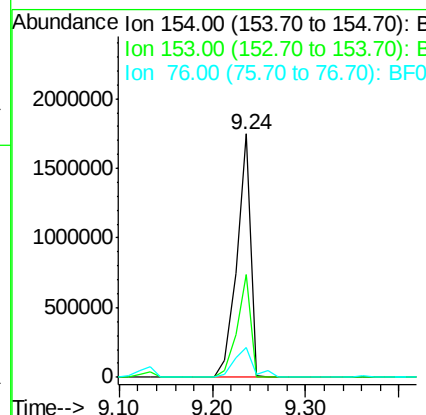
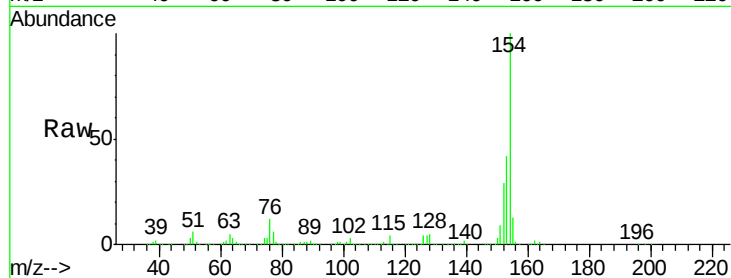
#45  
 1,1'-Biphenyl  
 Concen: 54.62 ng  
 RT: 9.24 min Scan# 643  
 Delta R.T. 0.01 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 20.9  | 60.9  |
| 76      | 12.3  | 0.0   | 30.5  |

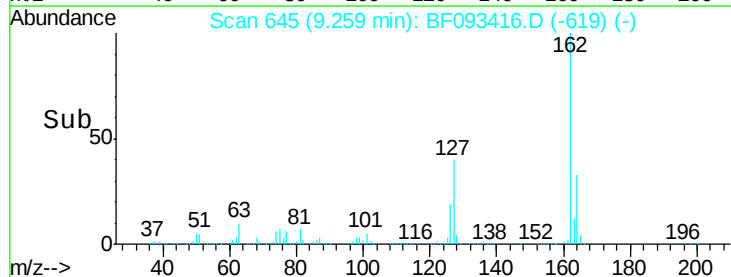
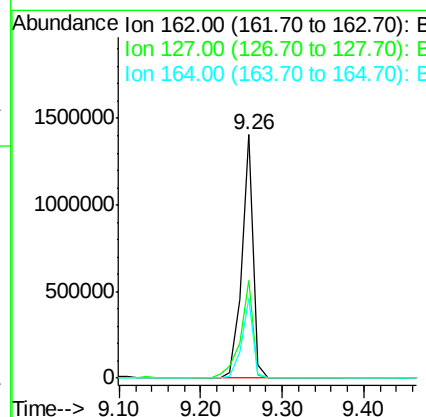
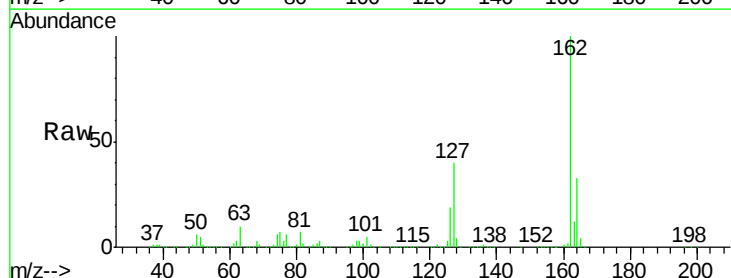
Manual Integrations  
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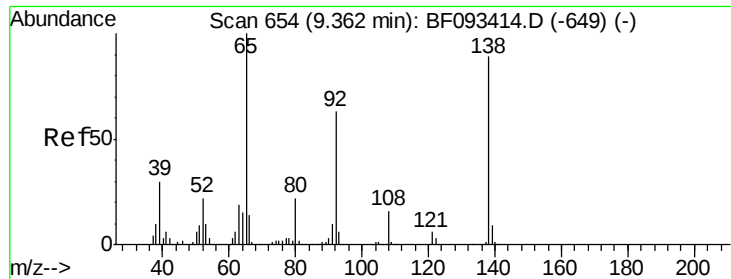
mohammad  
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#46  
 2-Chloronaphthalene  
 Concen: 52.41 ng  
 RT: 9.26 min Scan# 645  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.1  | 30.7  | 46.1  |
| 164     | 33.0  | 27.6  | 41.4  |





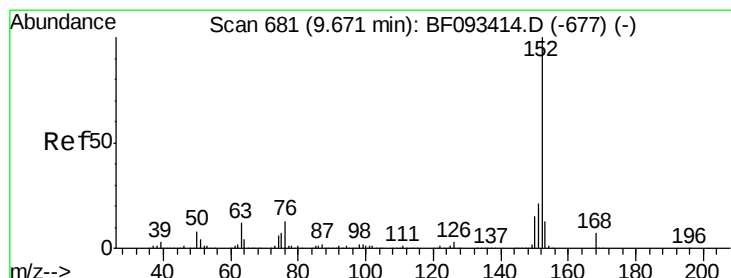
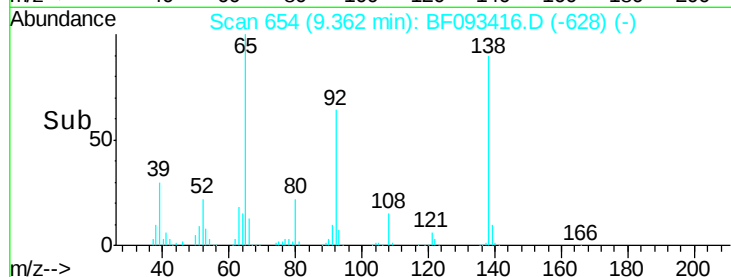
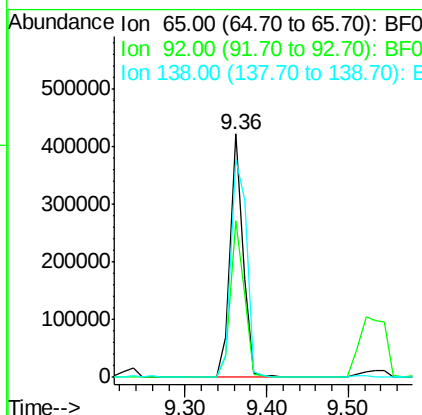
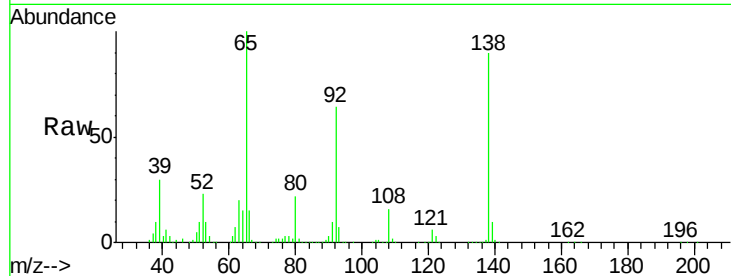
#47  
2-Nitroaniline  
Concen: 53.50 ng  
RT: 9.36 min Scan# 654  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.2  | 53.9  | 80.9  |
| 138     | 89.7  | 76.8  | 115.2 |

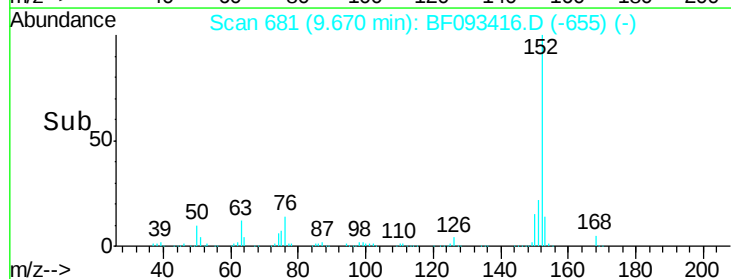
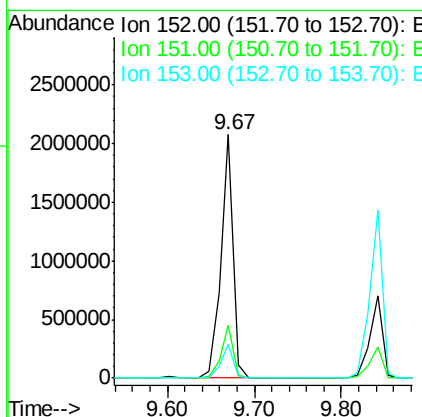
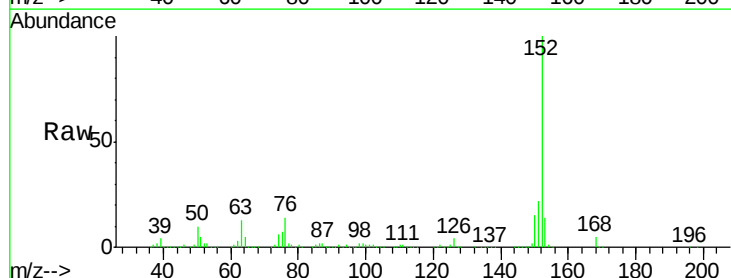
Manual Integrations  
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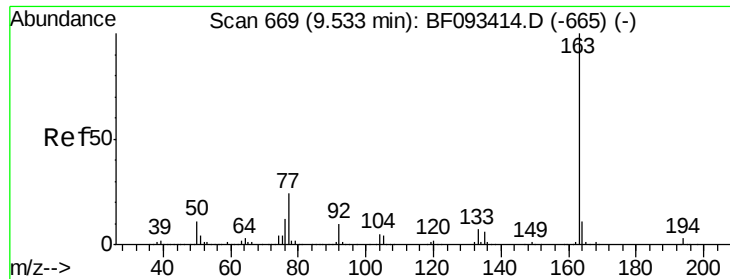
mohammad  
3/8/2017 1:45:31 PM



#48  
Acenaphthylene  
Concen: 45.75 ng  
RT: 9.67 min Scan# 681  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.6  | 16.9  | 25.3  |
| 153     | 13.8  | 11.4  | 17.2  |





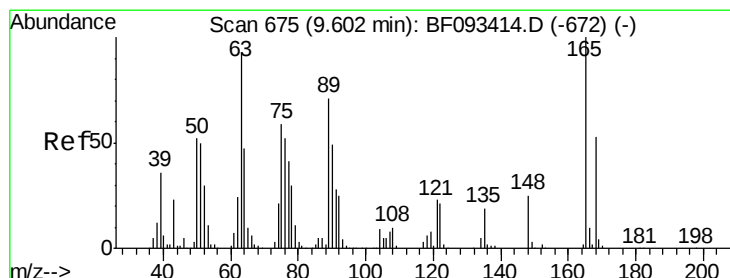
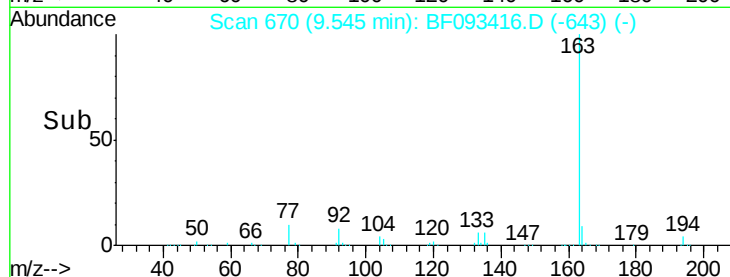
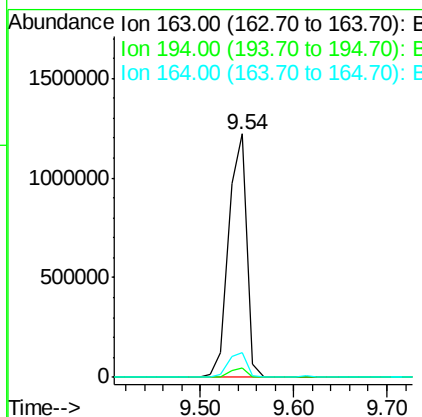
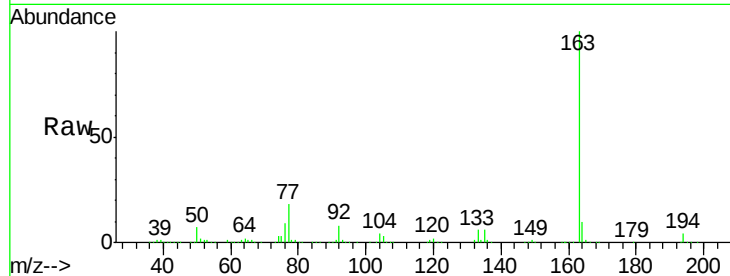
#49  
Dimethylphthalate  
Concen: 53.37 ng  
RT: 9.54 min Scan# 670  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

Tot Ion:163 Resp: 1646574  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.4  
164 10.2 8.0 12.0

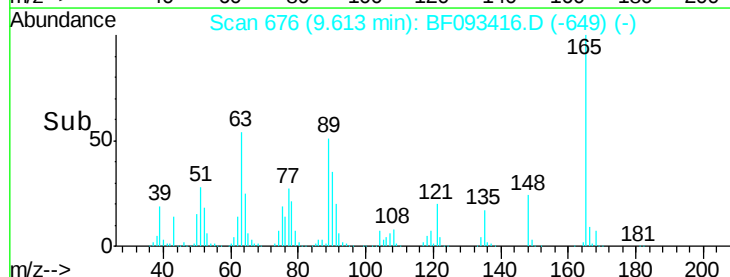
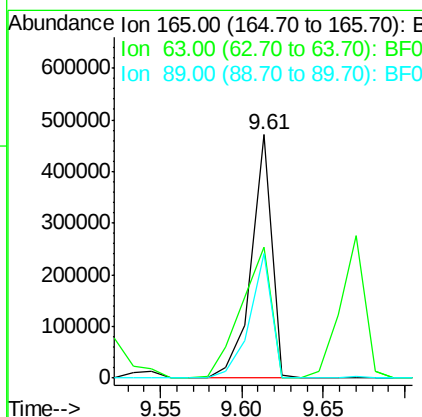
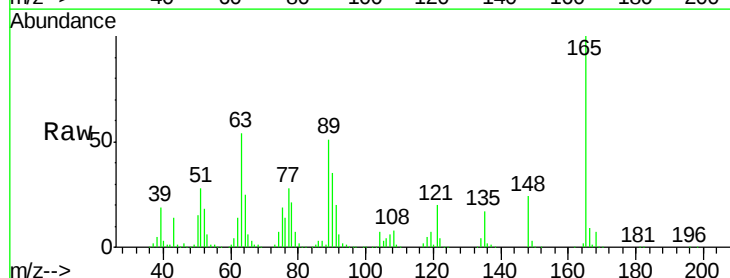
Manual Integrations  
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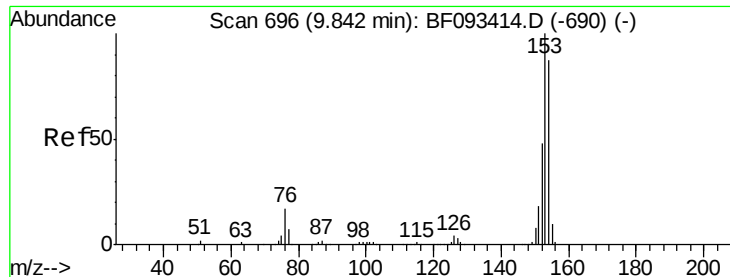
mohammad  
3/8/2017 1:45:31 PM



#50  
2,6-Dinitrotoluene  
Concen: 61.90 ng  
RT: 9.61 min Scan# 676  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Tgt Ion:165 Resp: 412383  
Ion Ratio Lower Upper  
165 100  
63 54.0 36.2 54.4  
89 51.4 40.2 60.4





#51

Acenaphthene

Concen: 46.45 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1244540

Ion Ratio Lower Upper

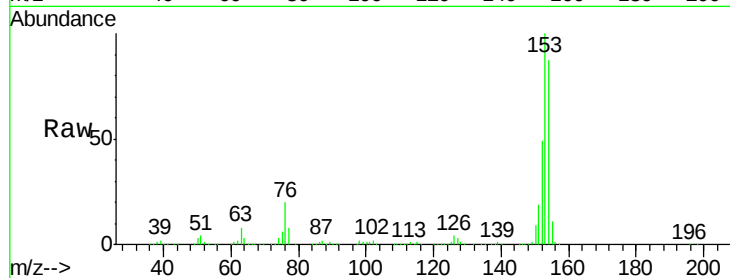
154 100

153 114.5 88.6 133.0

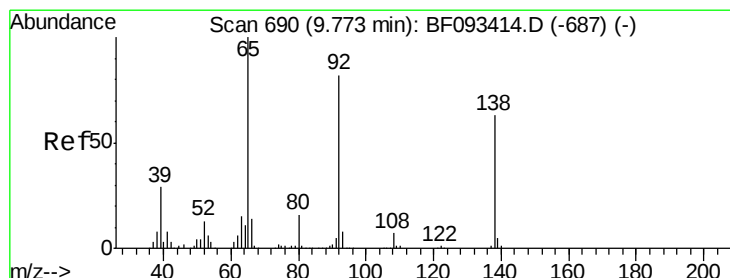
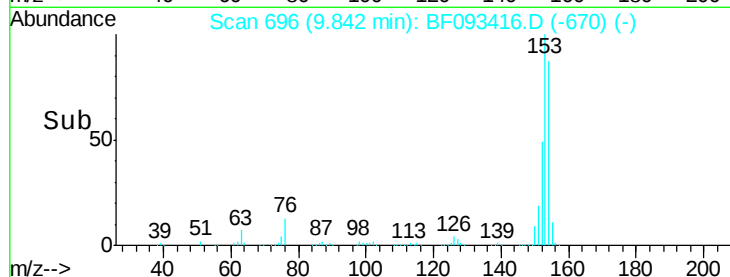
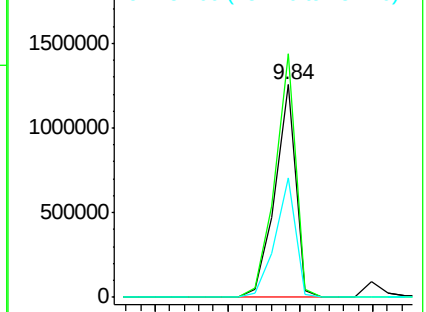
152 56.0 41.6 62.4

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



#52

3-Nitroaniline

Concen: 63.85 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

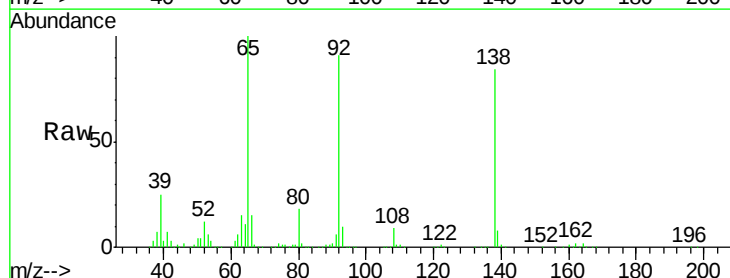
Tgt Ion:138 Resp: 486844

Ion Ratio Lower Upper

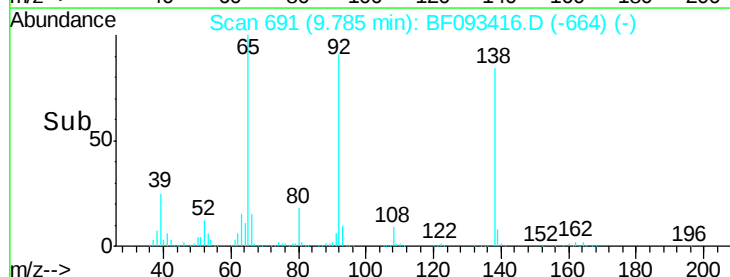
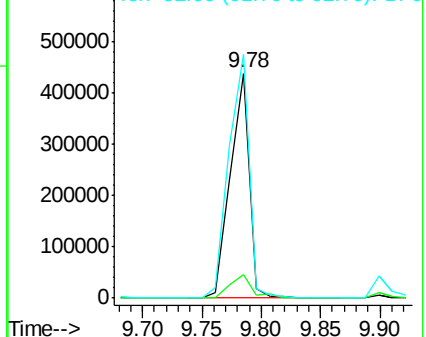
138 100

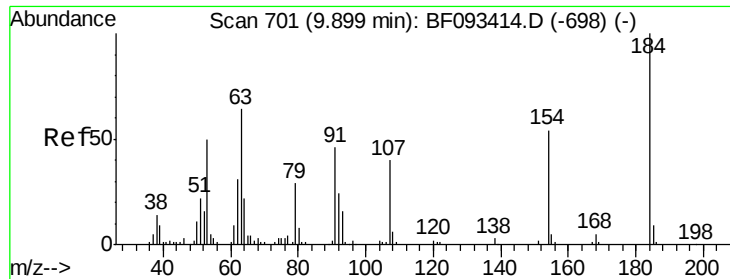
108 10.2 8.5 12.7

92 108.2 97.8 146.8



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





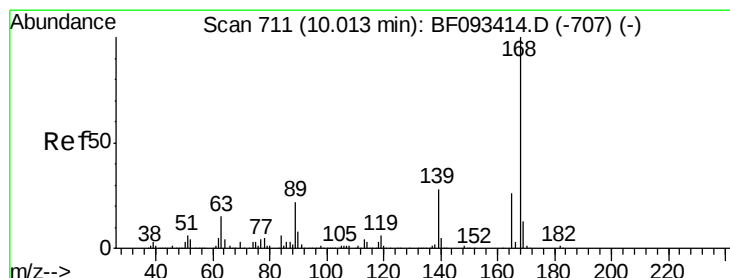
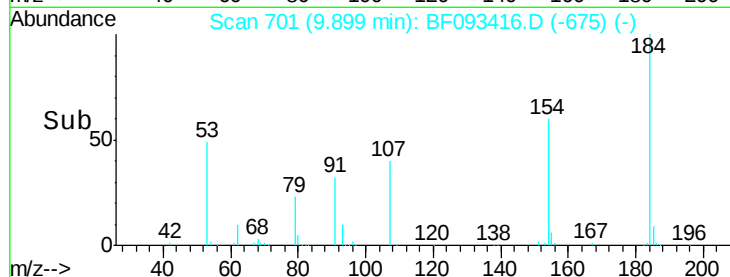
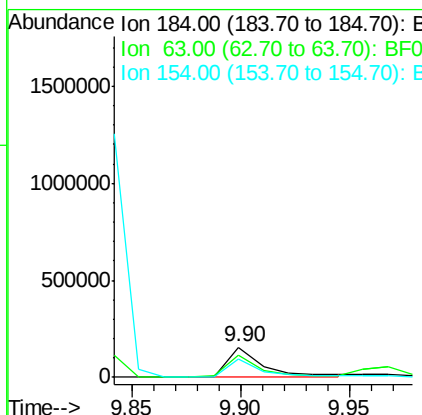
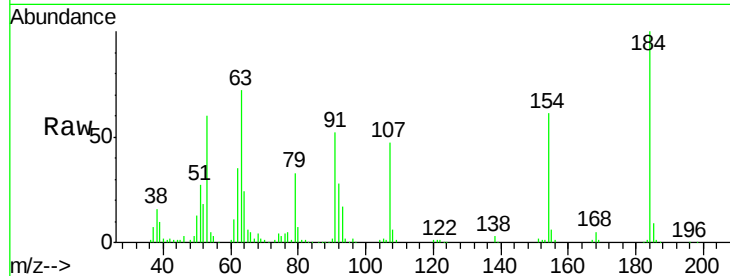
#53  
2,4-Dinitrophenol  
Concen: 61.46 ng  
RT: 9.90 min Scan# 701  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 72.2  | 28.4 | 42.6  | #     |
| 154     | 60.6  | 44.3 | 66.5  |       |

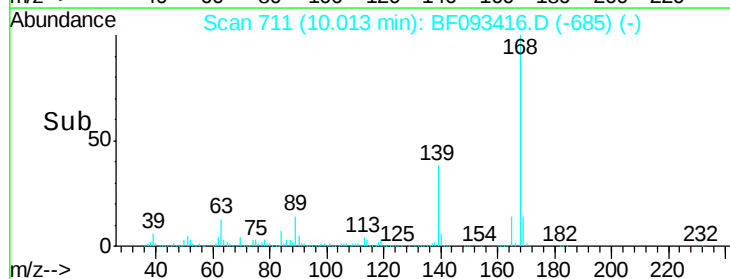
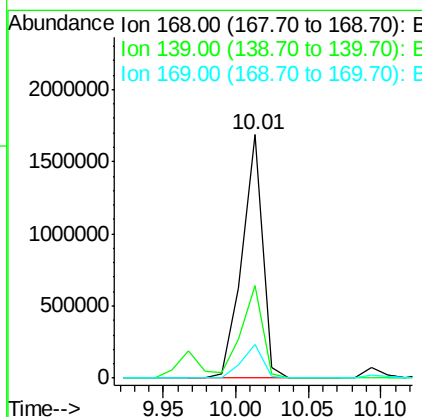
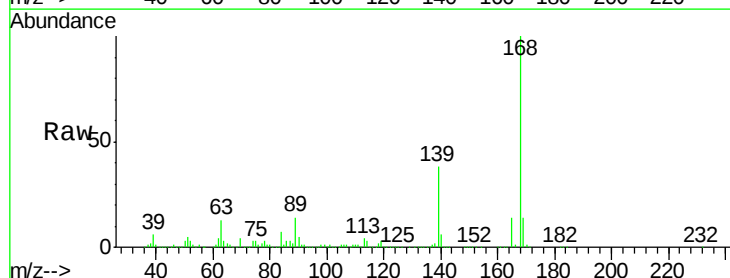
Manual Integrations  
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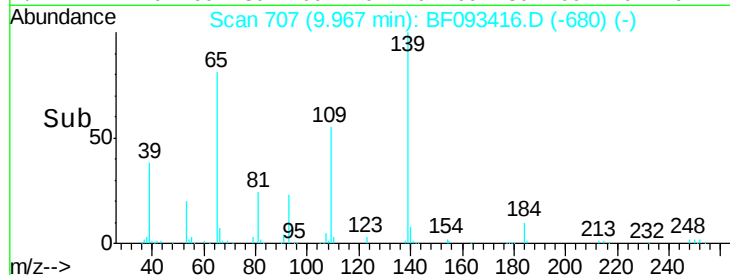
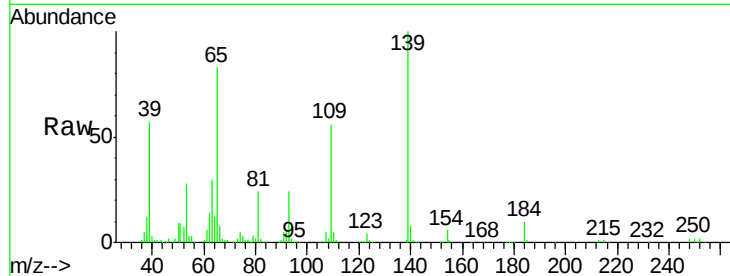
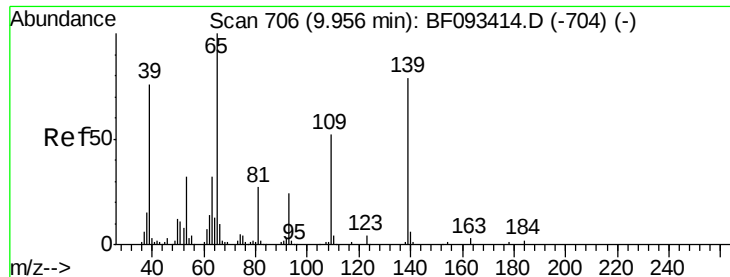
mohammad  
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#54  
Dibenzofuran  
Concen: 46.25 ng  
RT: 10.01 min Scan# 711  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 38.1  | 32.6 | 49.0  |       |
| 169     | 13.7  | 11.3 | 16.9  |       |





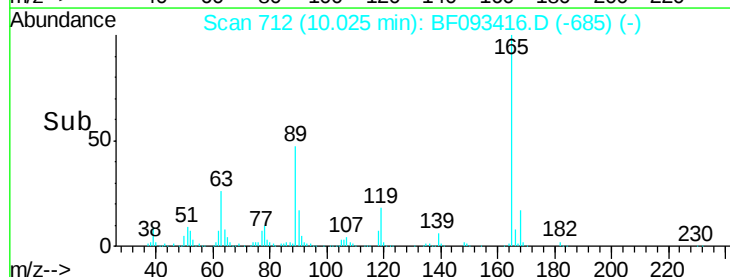
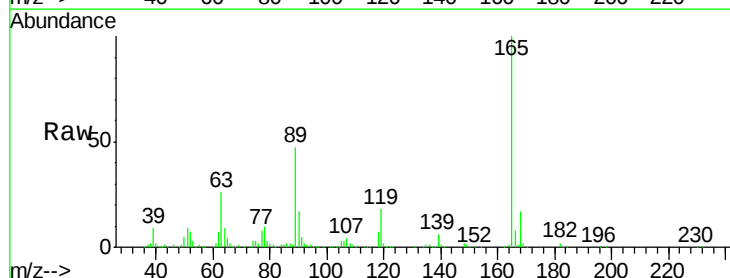
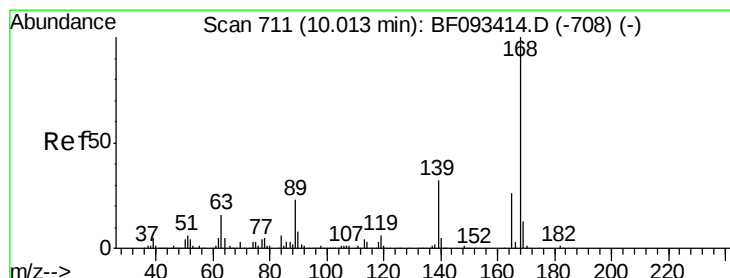
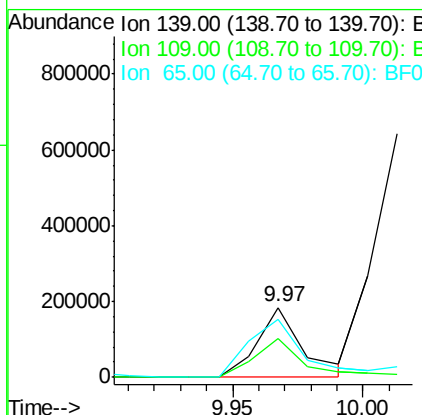
#55  
4-Nitrophenol  
Concen: 41.10 ng  
RT: 9.97 min Scan# 707  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 225716 |       |       |
| 109     | 56.2  | 52.2   | 92.2  |       |
| 65      | 82.6  | 85.8   | 125.8 |       |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

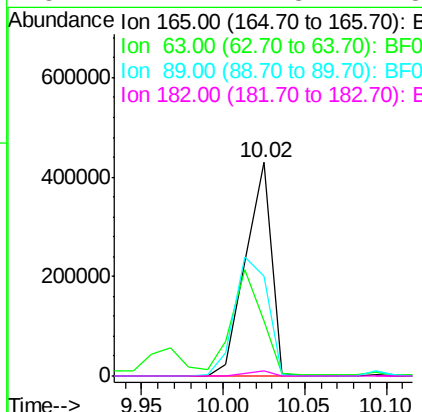
Manual Integrations  
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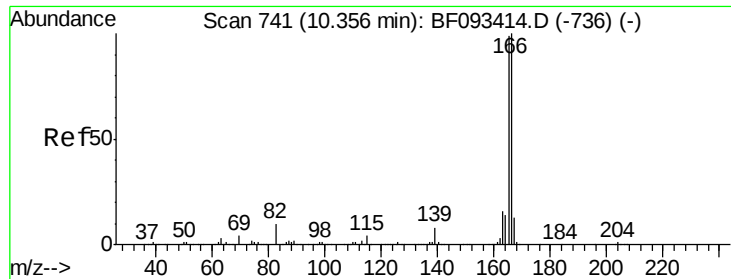
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3/8/2017 1:45:31 PM



#56  
2,4-Dinitrotoluene  
Concen: 53.12 ng  
RT: 10.02 min Scan# 712  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 471159 |       |       |
| 63      | 25.6  | 40.2   | 60.4  |       |
| 89      | 46.9  | 62.5   | 93.7  |       |
| 182     | 2.4   | 1.8    | 2.8   |       |





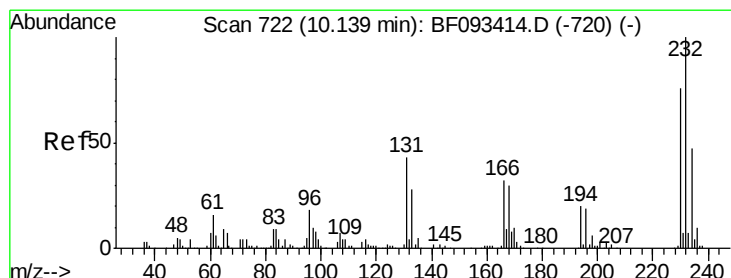
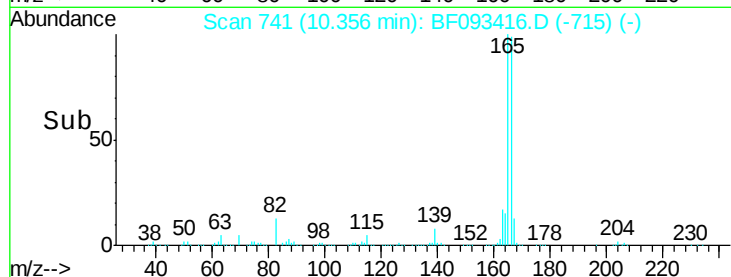
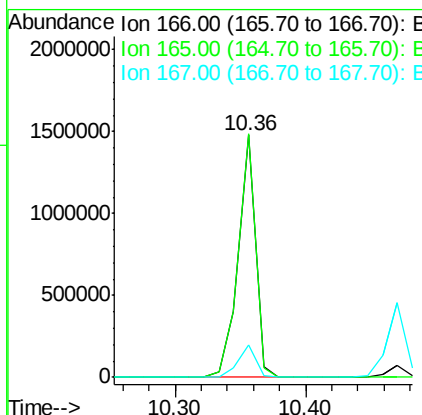
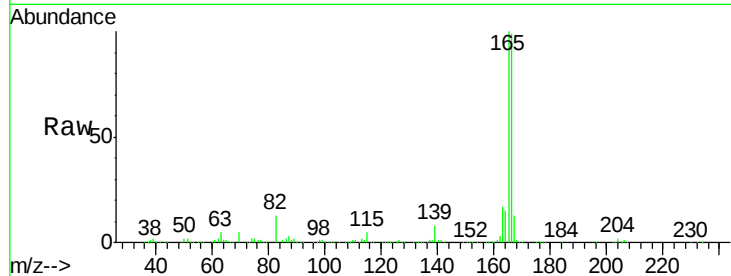
#57  
**Fluorene**  
 Concen: 49.28 ng  
 RT: 10.36 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.6 | 77.8  | 116.8 |
| 167     | 13.4  | 10.8  | 16.2  |

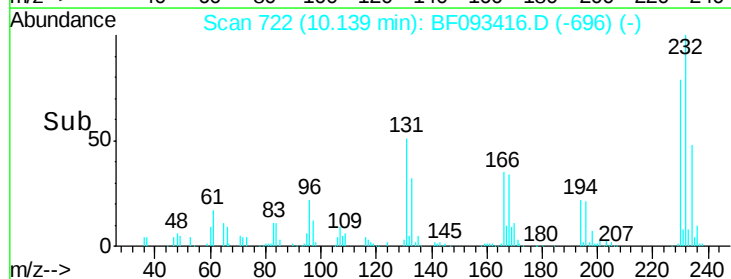
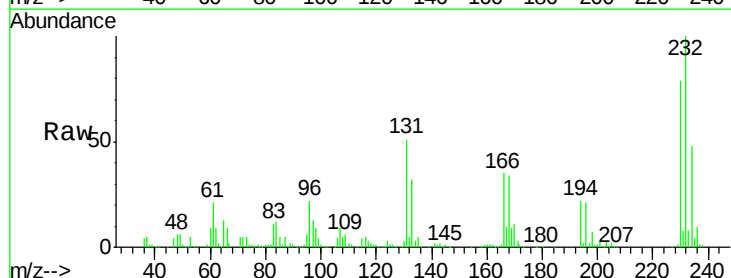
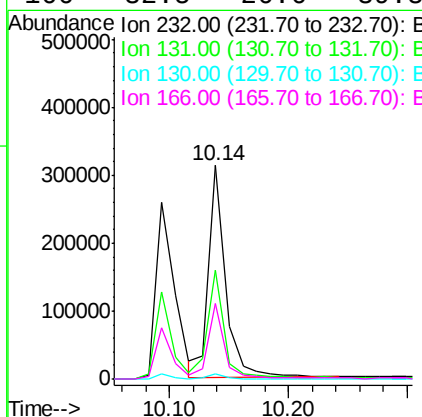
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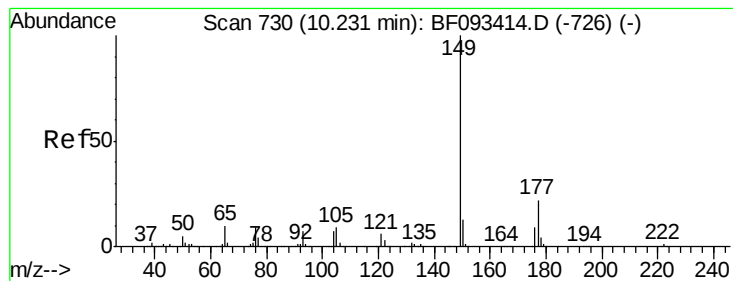
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 51.22 ng  
 RT: 10.14 min Scan# 722  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 47.8  | 40.1  | 60.1  |
| 130     | 2.5   | 1.8   | 2.8   |
| 166     | 32.5  | 26.6  | 39.8  |





#59

Diethylphthalate

Concen: 46.86 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1362254

Ion Ratio Lower Upper

149 100

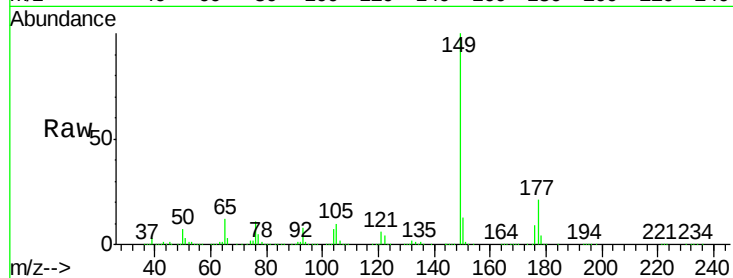
177 21.2 16.6 25.0

150 12.9 10.4 15.6

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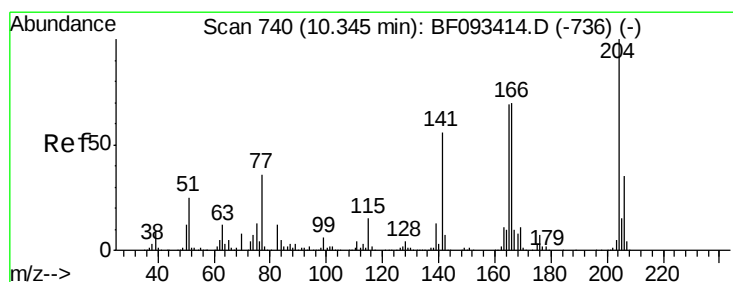
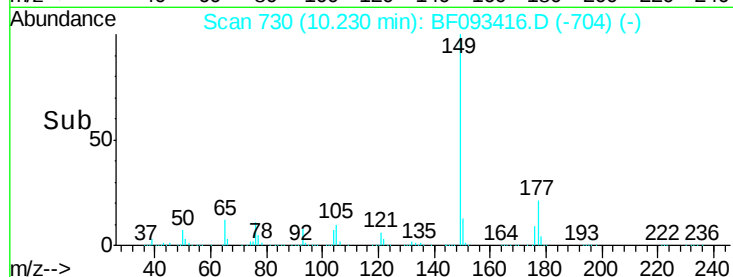
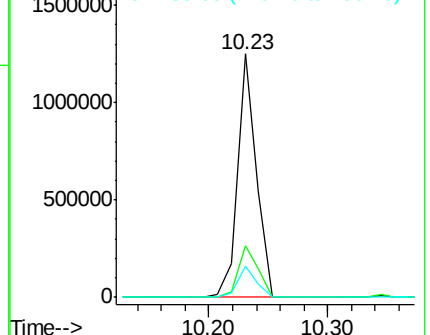
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.92 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

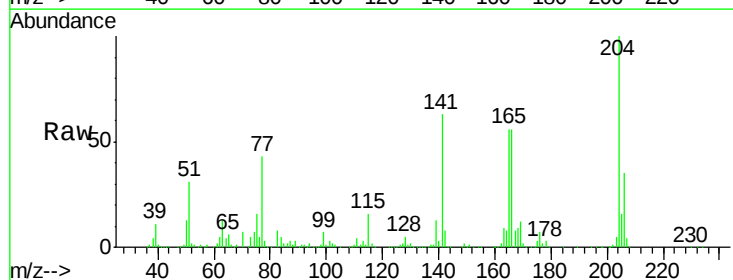
Tgt Ion:204 Resp: 595058

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

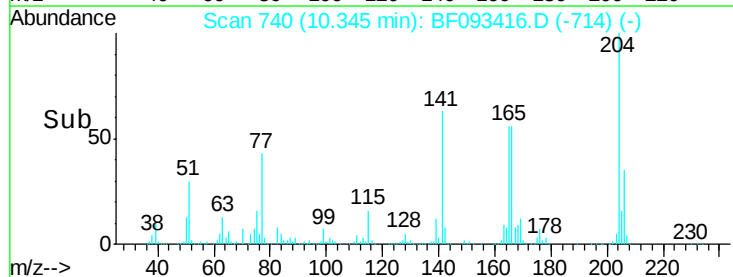
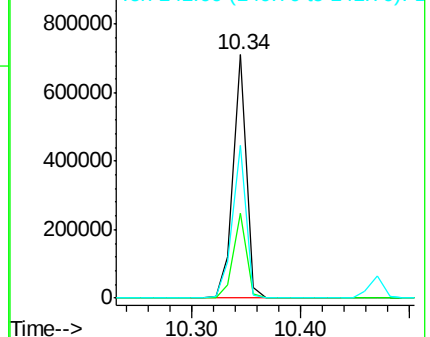
141 62.7 59.4 89.0

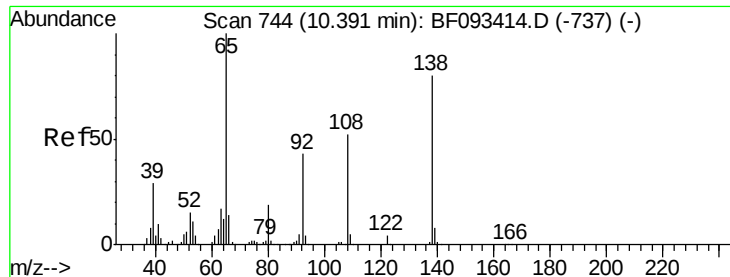


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 54.92 ng

RT: 10.40 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

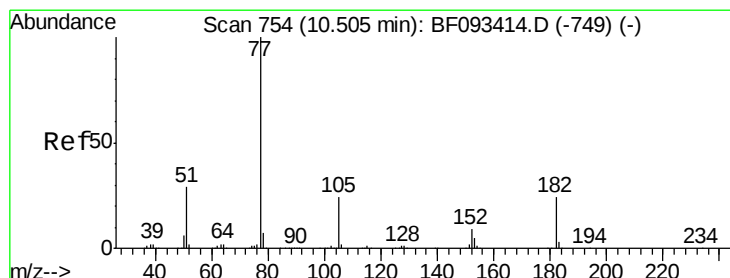
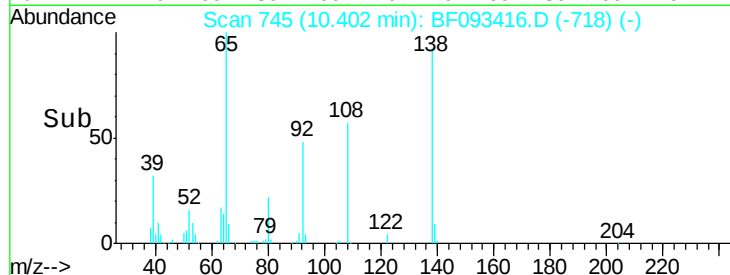
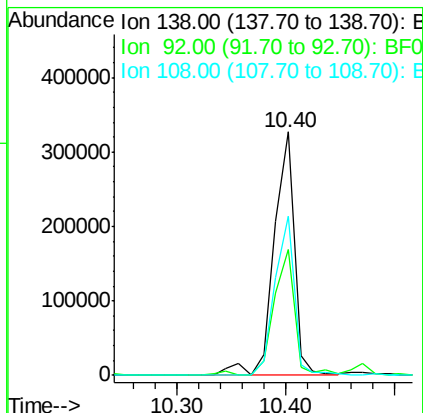
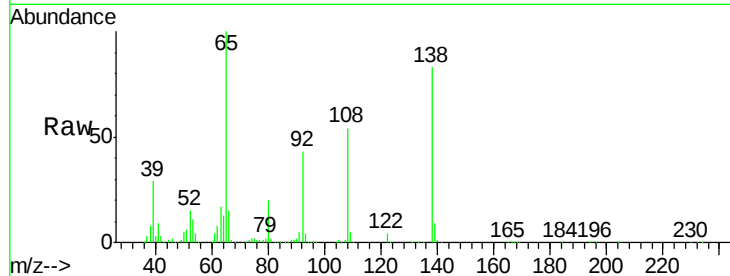
ClientSampleId :

SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 138   | Resp: | 428848 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 51.5  | 31.7  | 71.7   |
| 108      | 65.6  | 52.6  | 92.6   |

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#62

Azobenzene

Concen: 55.86 ng

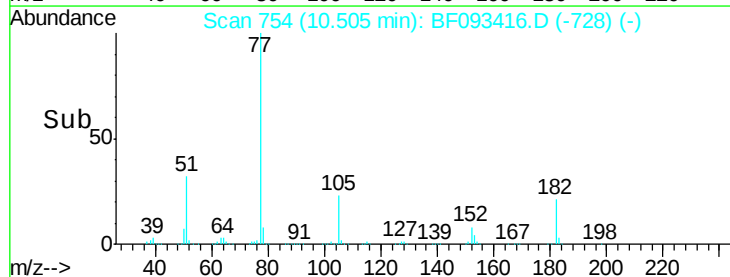
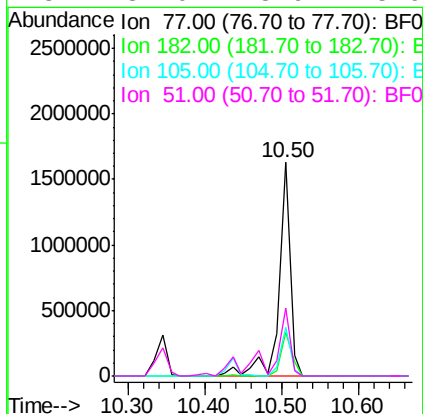
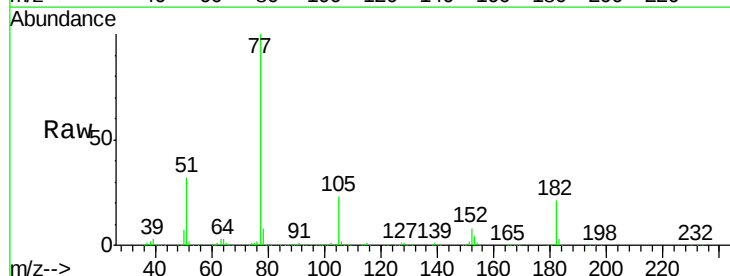
RT: 10.50 min Scan# 754

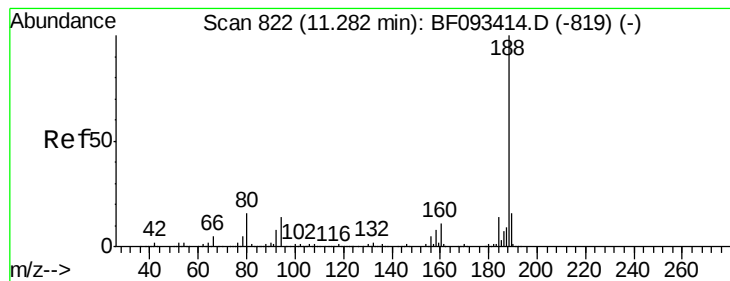
Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 77    | Resp: | 1677810 |
| Ion      | Ratio | Lower | Upper   |
| 77       | 100   |       |         |
| 182      | 20.7  | 0.0   | 39.3    |
| 105      | 22.8  | 2.3   | 42.3    |
| 51       | 32.0  | 8.9   | 48.9    |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

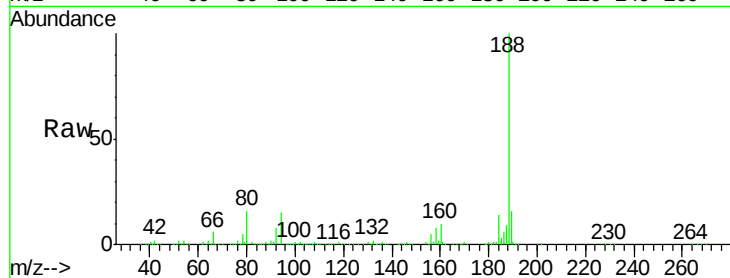
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 670925 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 14.6  | 10.0  | 15.0   |
| 80        | 16.2  | 11.2  | 16.8   |

Manual Integrations  
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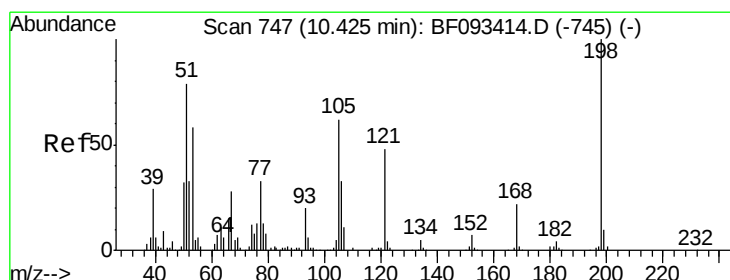
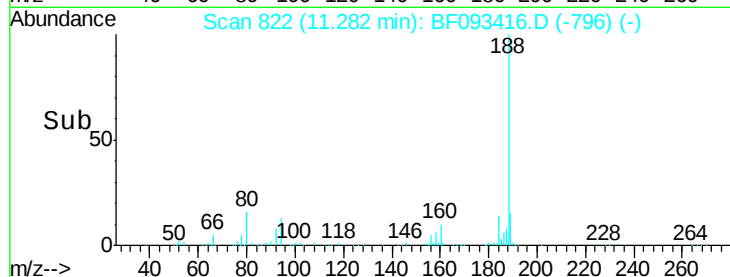
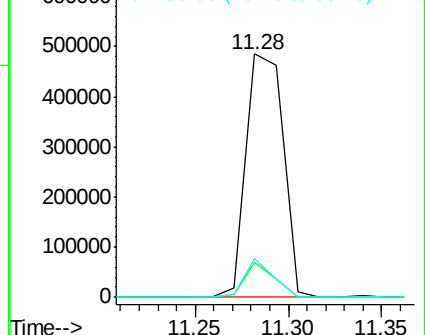
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 81.86 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093416.D

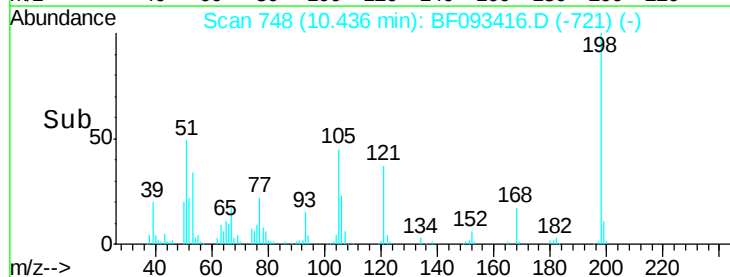
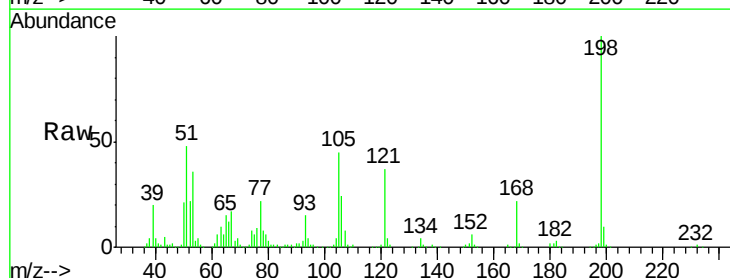
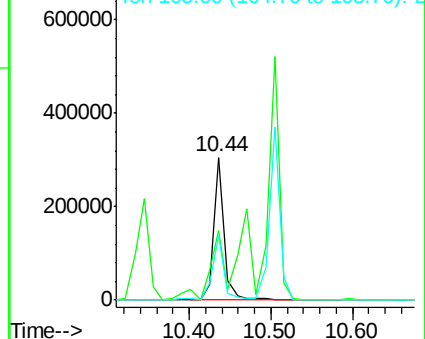
Acq: 7 Mar 2017 13:20

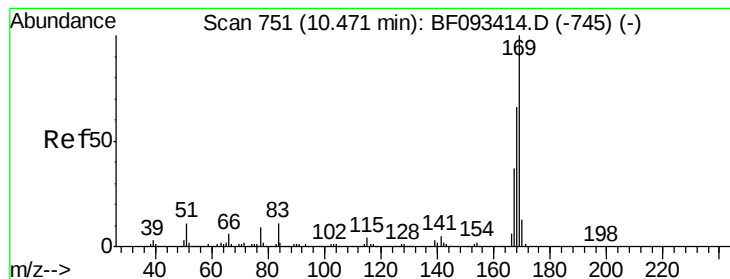
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 284162 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 48.4  | 6.7   | 46.7#  |
| 105       | 44.8  | 16.6  | 56.6   |

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





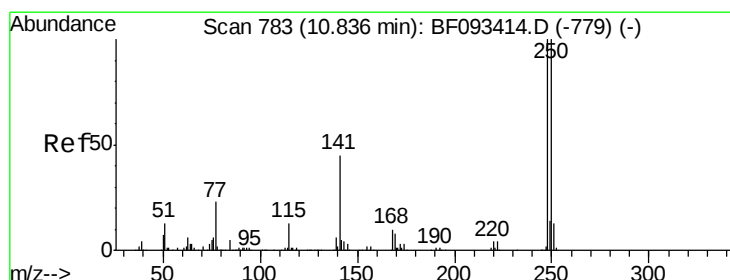
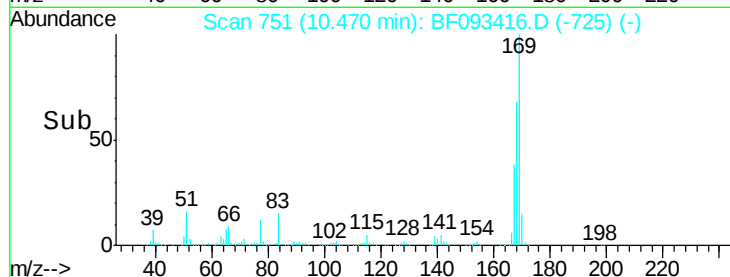
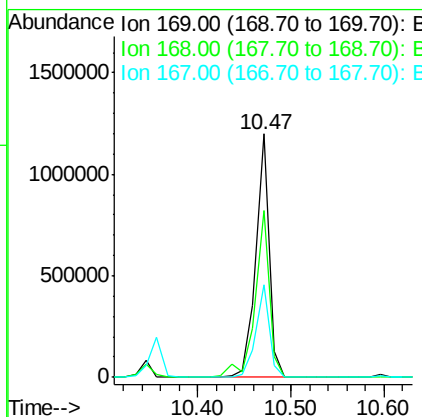
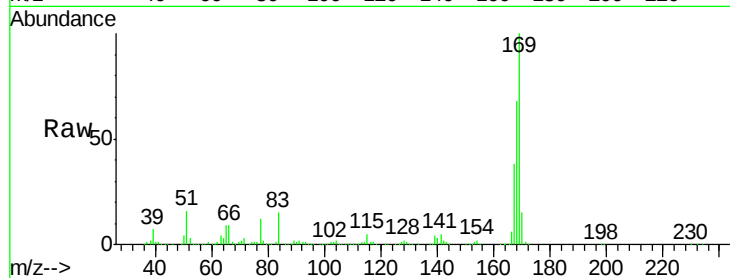
#65  
 n-Nitrosodiphenylamine  
 Concen: 55.42 ng  
 RT: 10.47 min Scan# 751  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 68.3  | 54.2  | 81.2  |
| 167     | 38.1  | 30.2  | 45.4  |

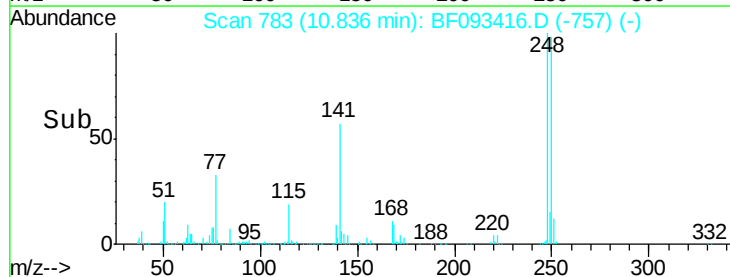
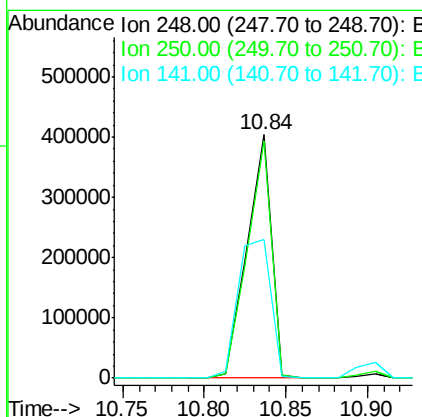
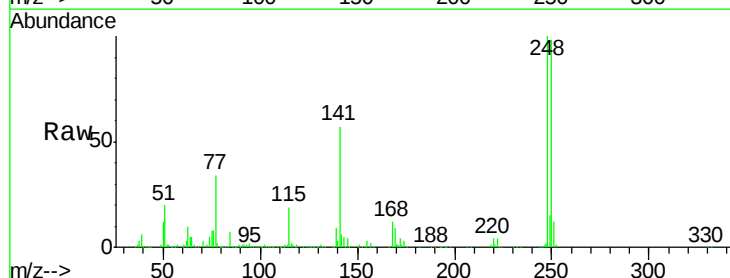
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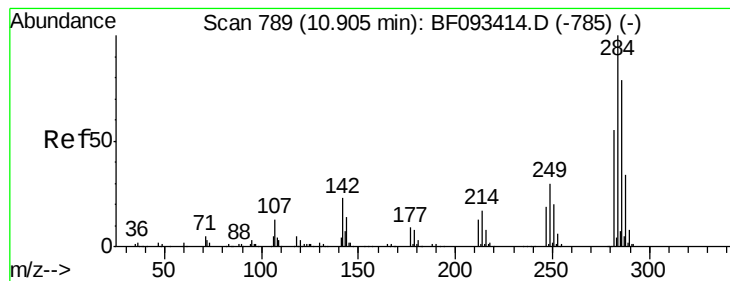
mohammad  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 59.89 ng  
 RT: 10.84 min Scan# 783  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 248     | 100   |       |        |
| 250     | 97.7  | 76.9  | 115.3  |
| 141     | 56.7  | 68.2  | 102.4# |





#67

Hexachlorobenzene

Concen: 56.19 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

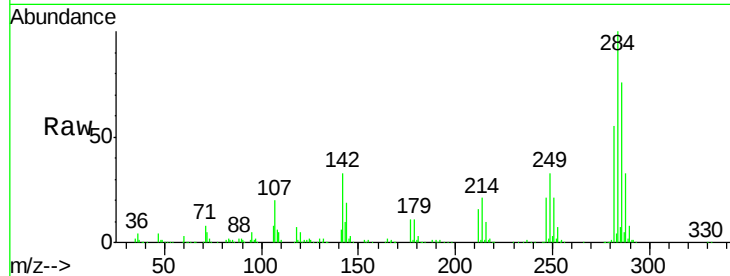
ClientSampleId :

SSTDIC060

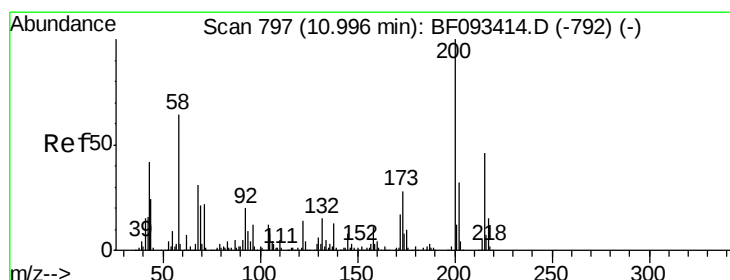
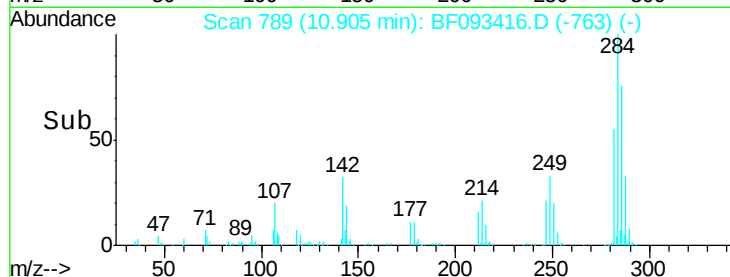
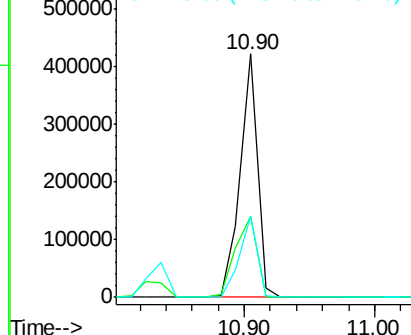
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 389226 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 33.1 | 22.6  | 33.8   |
| 249       | 33.1 | 25.4  | 38.0   |

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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.70 ng

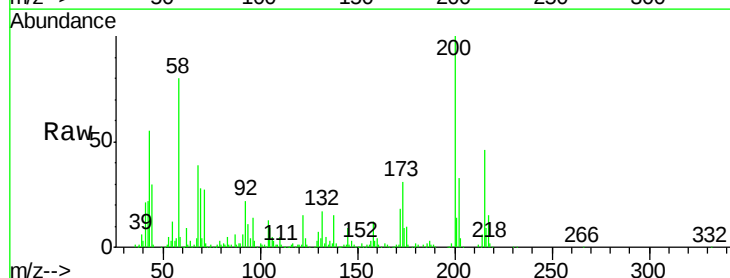
RT: 11.00 min Scan# 797

Delta R.T. -0.00 min

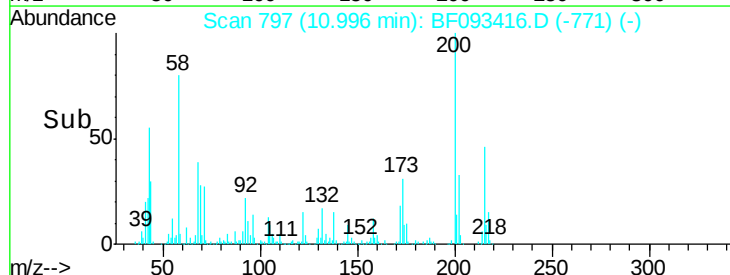
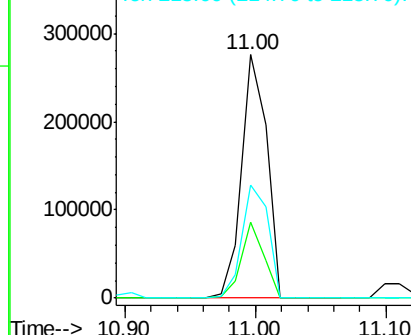
Lab File: BF093416.D

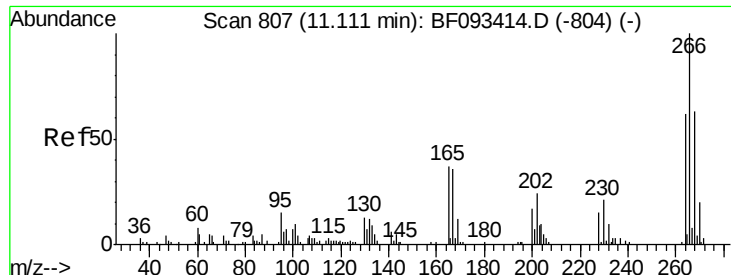
Acq: 7 Mar 2017 13:20

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 369341 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 31.0 | 9.6   | 49.6   |
| 215       | 46.3 | 25.7  | 65.7   |



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





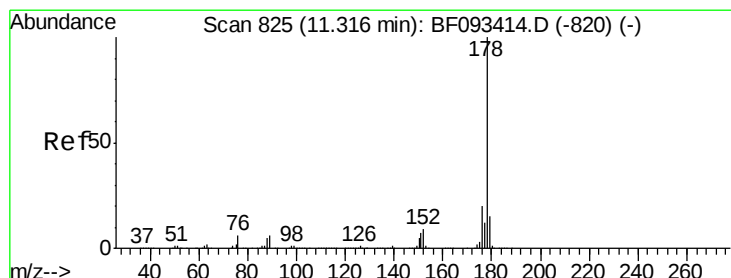
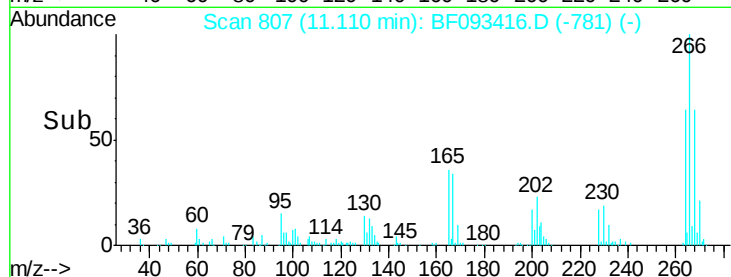
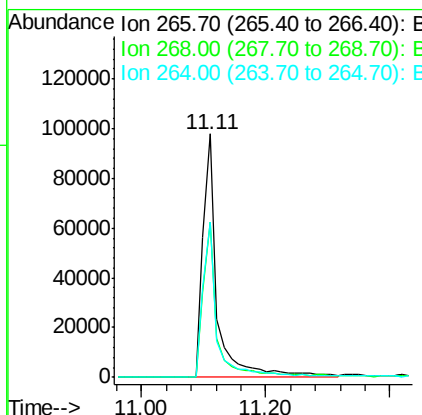
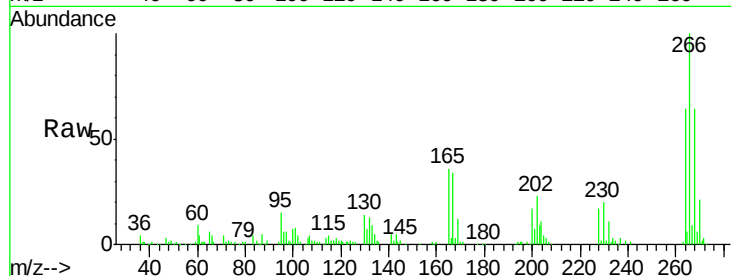
#69  
 Pentachlorophenol  
 Concen: 53.22 ng  
 RT: 11.11 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.0  | 53.3  | 79.9  |
| 264     | 63.7  | 50.3  | 75.5  |

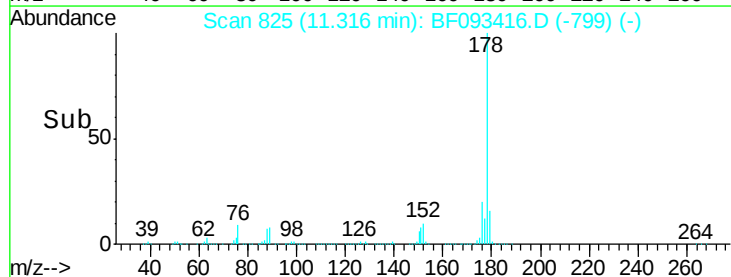
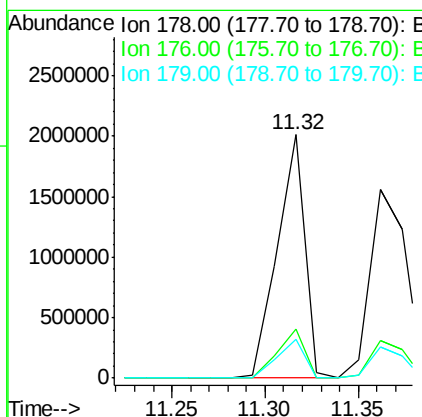
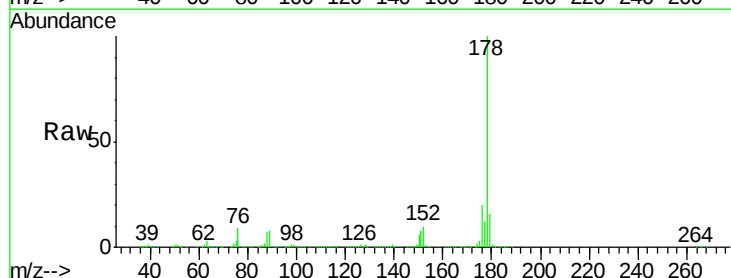
Manual Integrations  
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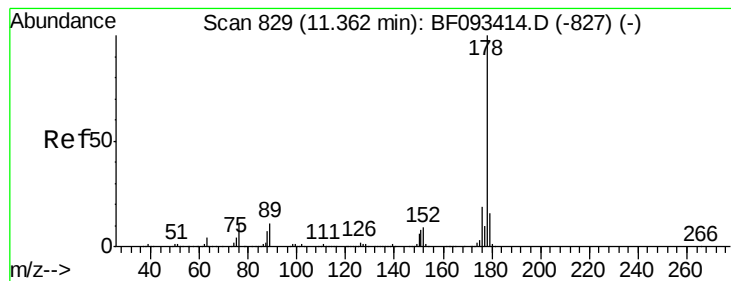
mohammad  
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#70  
 Phenanthrene  
 Concen: 53.79 ng  
 RT: 11.32 min Scan# 825  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 16.6  | 25.0  |
| 179     | 15.8  | 12.8  | 19.2  |





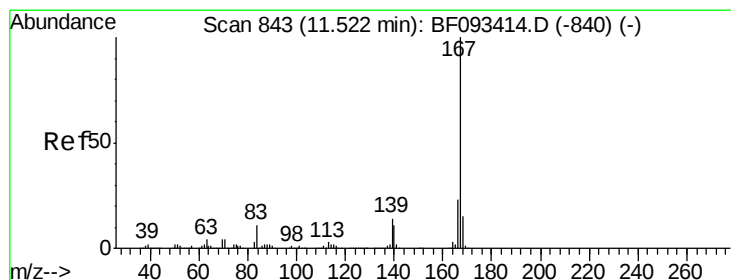
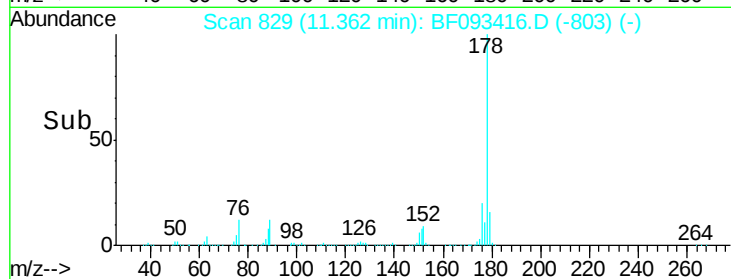
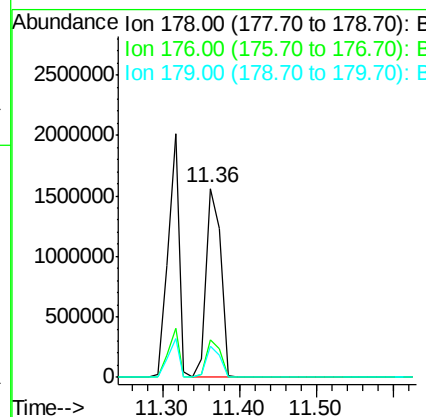
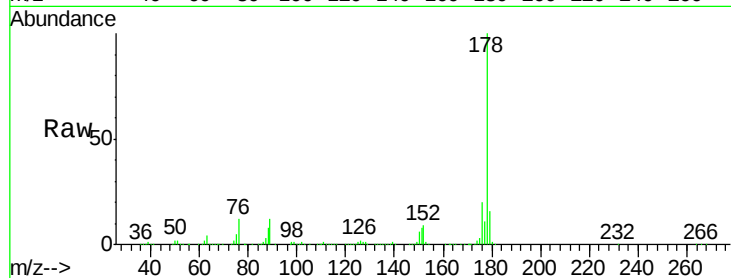
#71  
 Anthracene  
 Concen: 52.85 ng  
 RT: 11.36 min Scan# 829  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

Tot Ion:178 Resp: 2040029  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.9 23.9  
 179 16.3 13.2 19.8

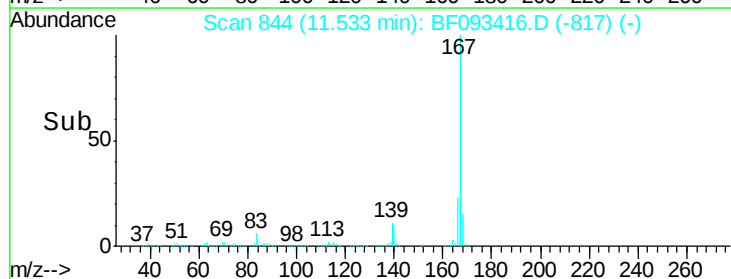
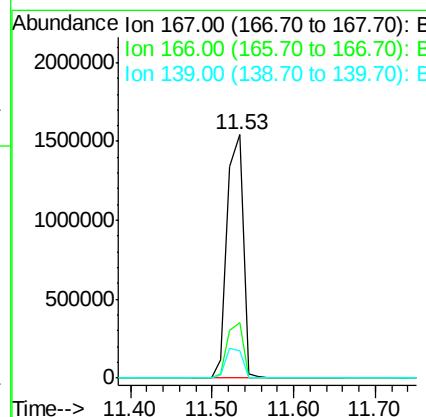
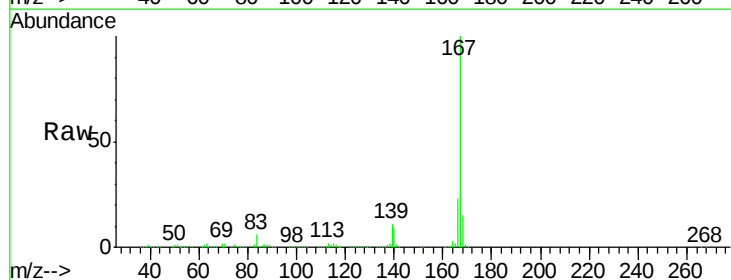
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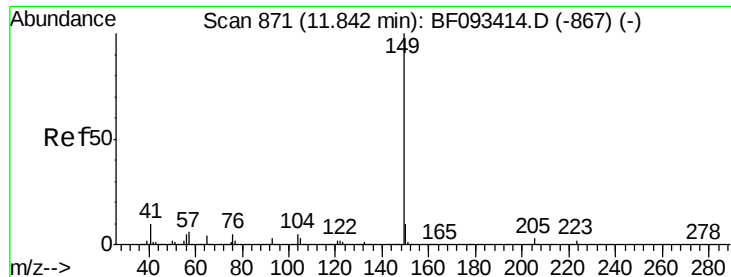
mohammad  
 3/8/2017 1:45:31 PM



#72  
 Carbazole  
 Concen: 56.82 ng  
 RT: 11.53 min Scan# 844  
 Delta R.T. 0.01 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Tgt Ion:167 Resp: 2096762  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.2 27.2  
 139 11.4 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 57.25 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 2284568

Ion Ratio Lower Upper

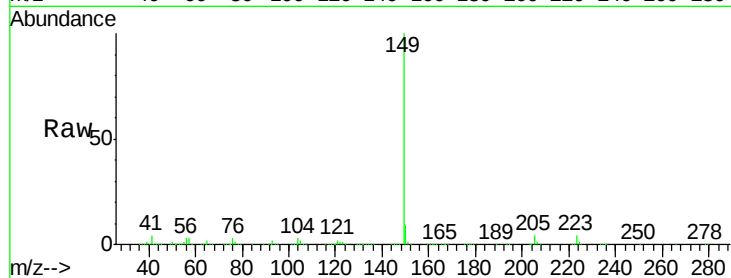
149 100

150 9.0 8.1 12.1

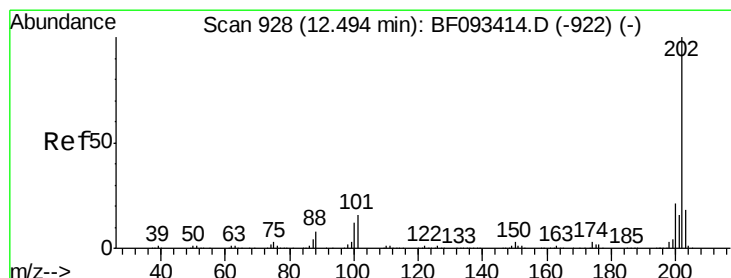
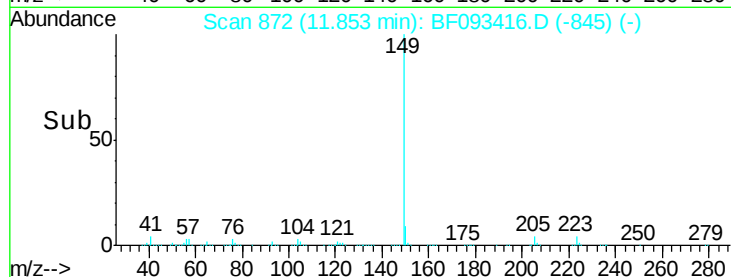
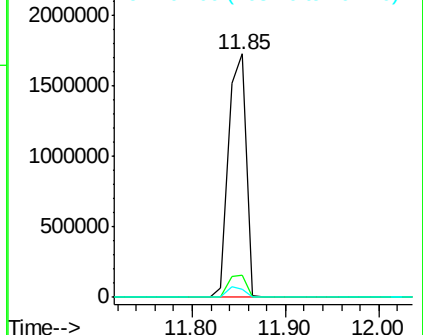
104 3.5 4.6 7.0#

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.09 ng

RT: 12.50 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

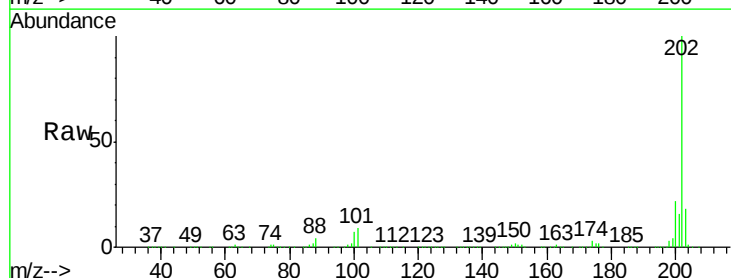
Tgt Ion:202 Resp: 2144576

Ion Ratio Lower Upper

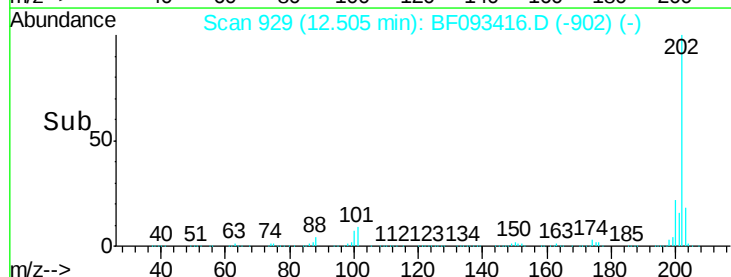
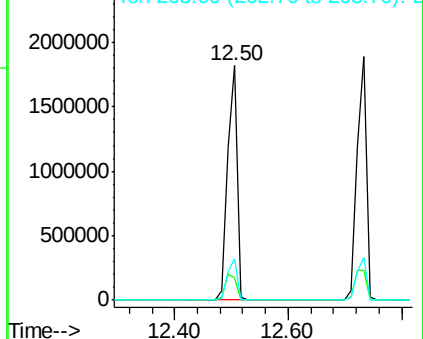
202 100

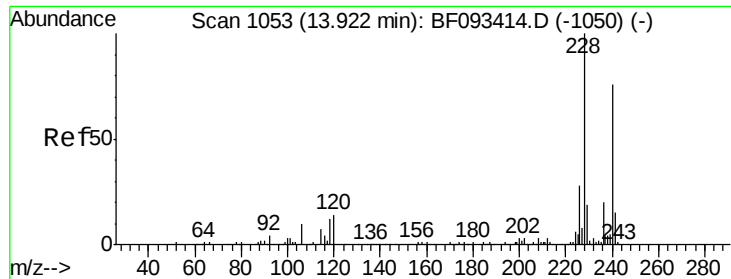
101 9.3 0.0 34.6

203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

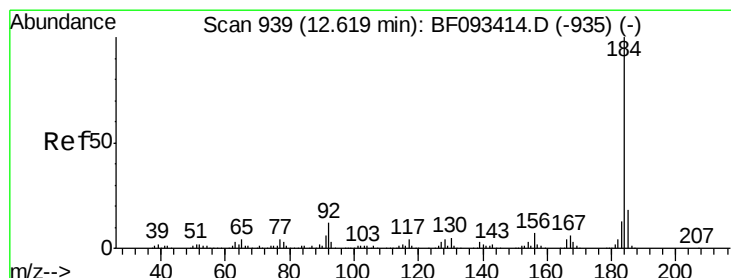
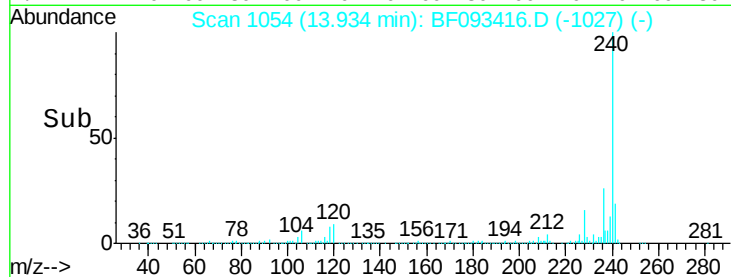
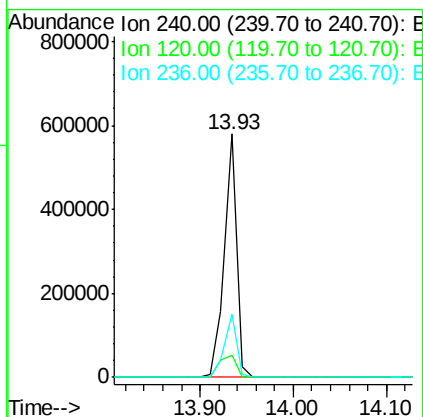
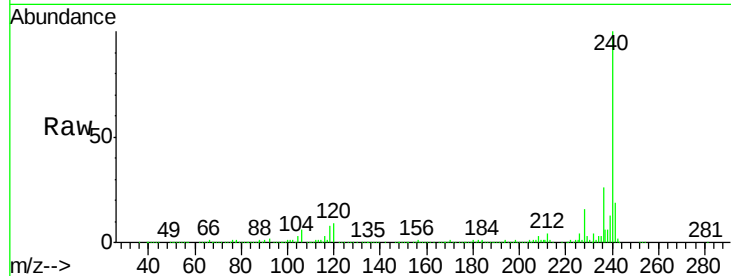
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 530345 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.1   | 12.9  | 19.3#  |
| 236       | 26.2  | 20.9  | 31.3   |

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#76

Benzidine

Concen: 35.42 ng

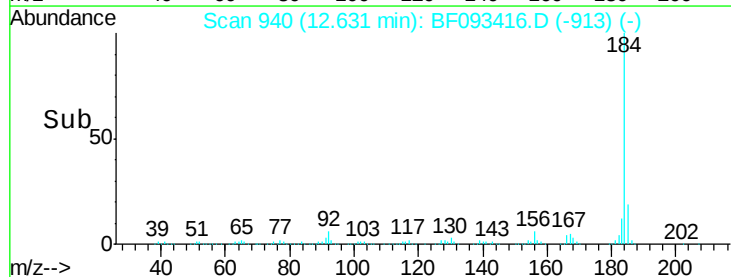
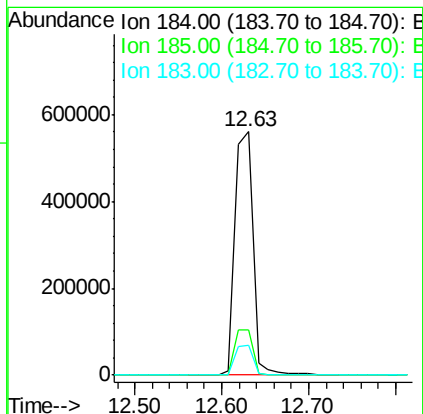
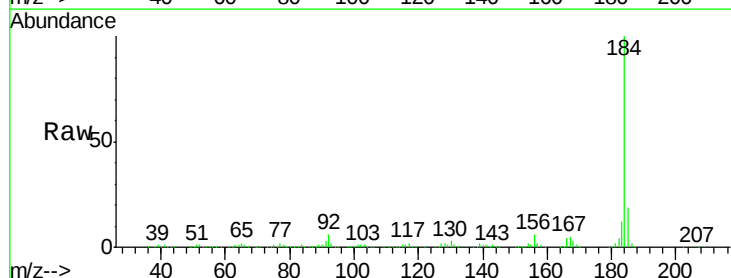
RT: 12.63 min Scan# 940

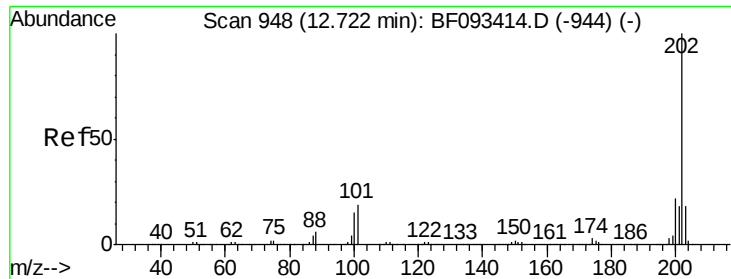
Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 800385 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 18.6  | 13.4  | 20.0   |
| 183       | 12.3  | 9.2   | 13.8   |





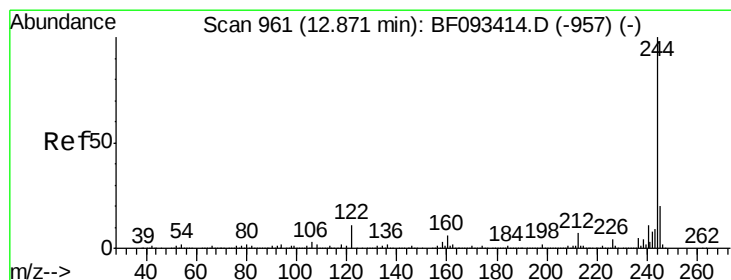
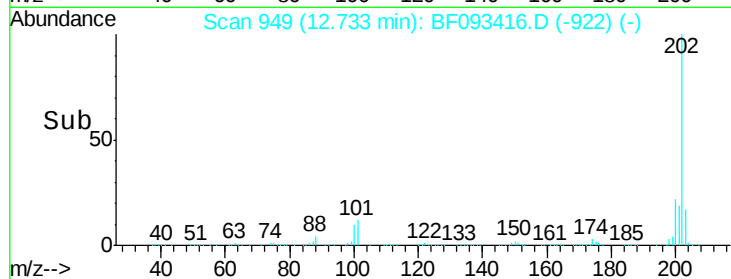
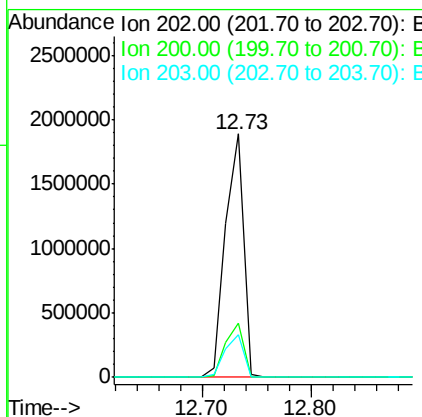
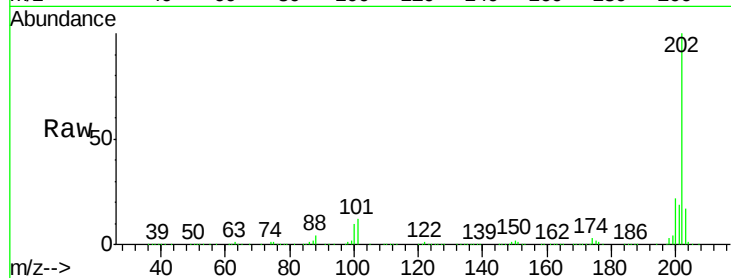
#77  
Pvrene  
Concen: 55.34 ng  
RT: 12.73 min Scan# 949  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

Tot Ion:202 Resp: 2196206  
Ion Ratio Lower Upper  
202 100  
200 22.2 17.7 26.5  
203 17.5 14.7 22.1

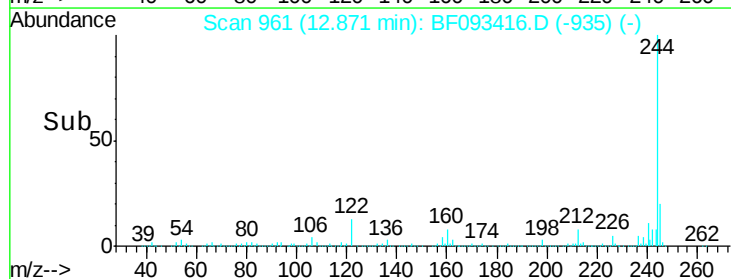
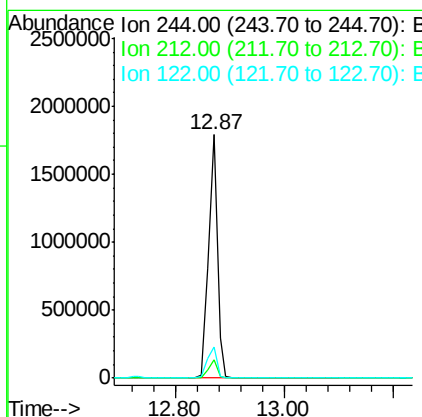
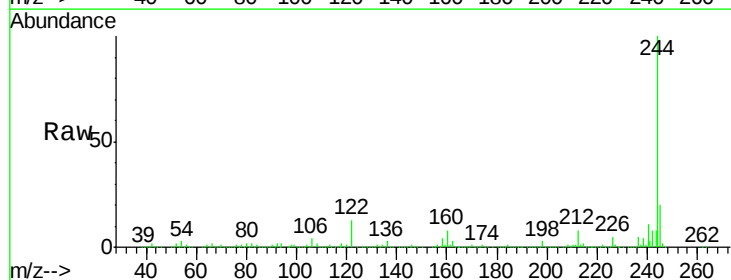
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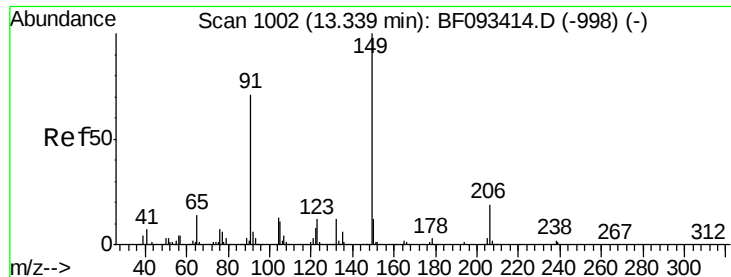
mohammad  
3/8/2017 1:45:31 PM



#78  
Terphenyl-d14  
Concen: 89.66 ng  
RT: 12.87 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Tgt Ion:244 Resp: 2023718  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.2 9.2  
122 12.6 11.4 17.2





#79

Butylbenzylphthalate

Concen: 55.13 ng

RT: 13.34 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

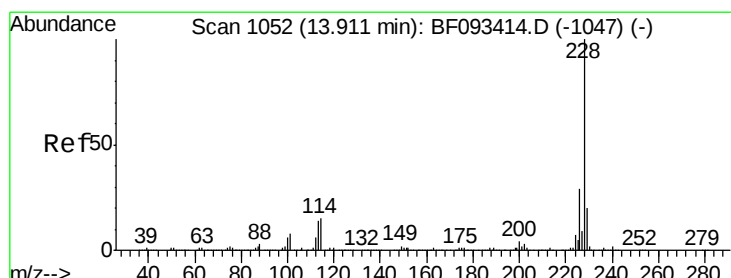
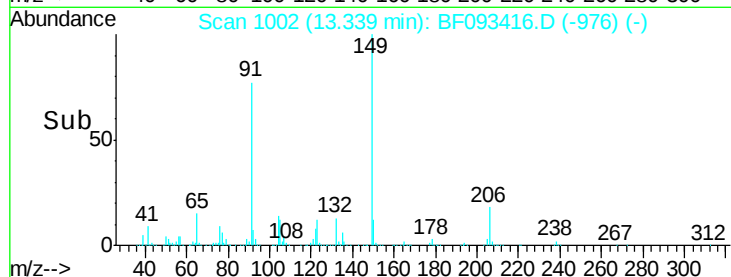
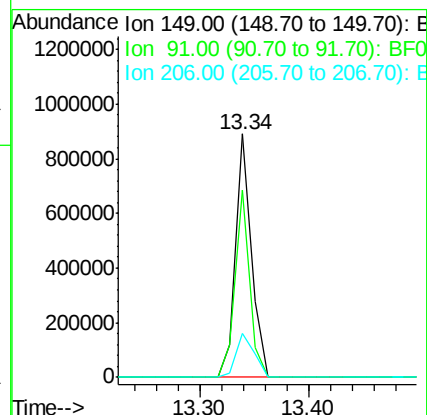
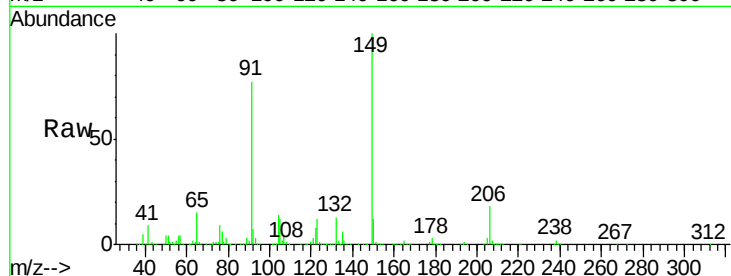
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 888467 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 76.8  | 63.9  | 95.9   |
| 206       | 17.9  | 14.6  | 21.8   |

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#80

Benzo(a)anthracene

Concen: 52.47 ng

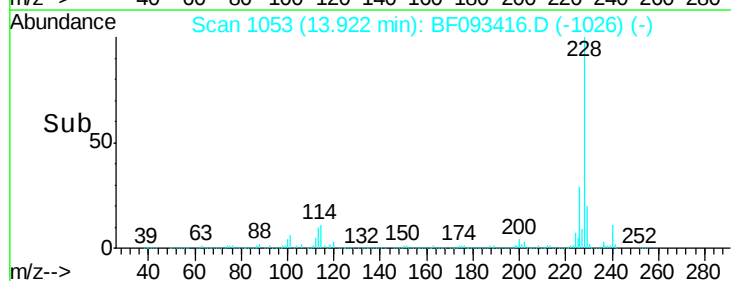
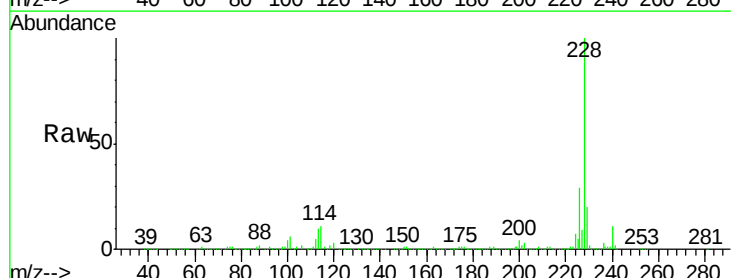
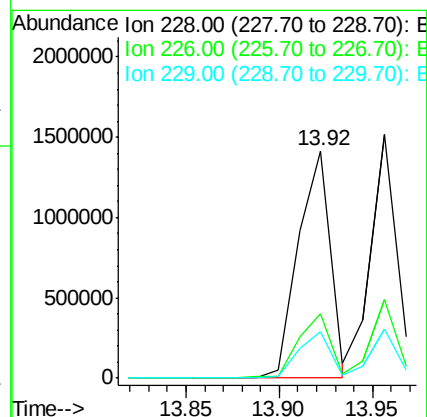
RT: 13.92 min Scan# 1053

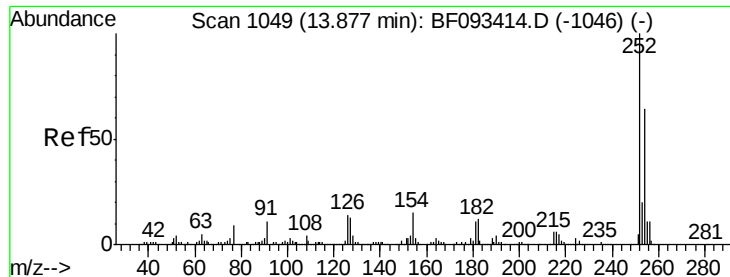
Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1702066 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 28.5  | 22.4  | 33.6    |
| 229       | 20.2  | 16.2  | 24.4    |





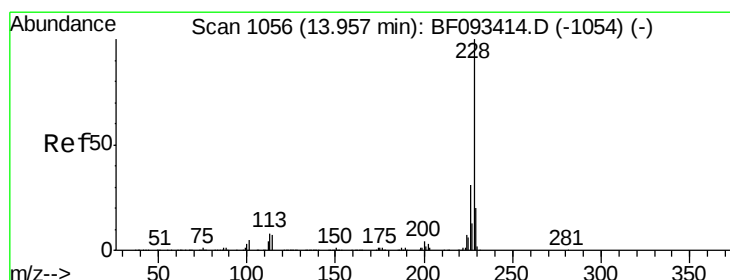
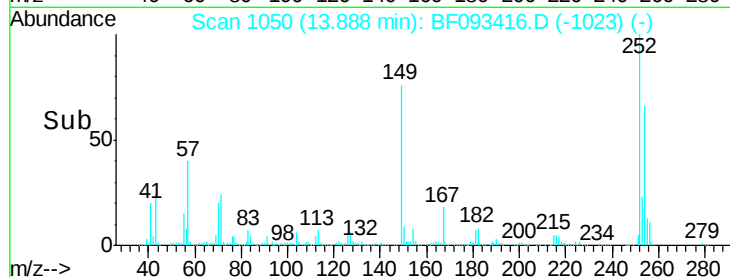
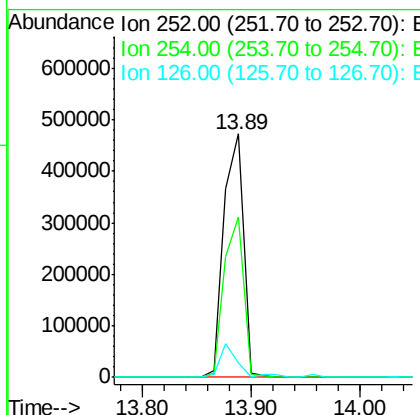
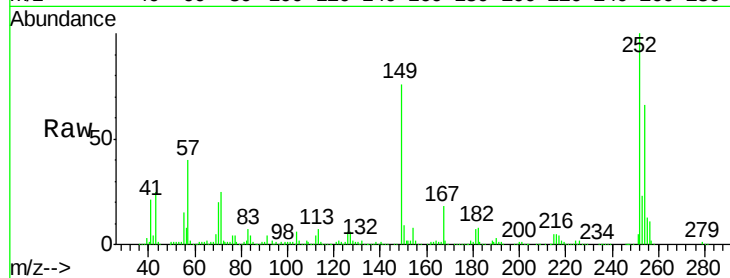
#81  
 3,3'-Dichlorobenzidine  
 Concen: 51.44 ng  
 RT: 13.89 min Scan# 1050  
 Delta R.T. 0.01 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.9  | 52.3  | 78.5  |
| 126     | 5.8   | 13.6  | 20.4  |

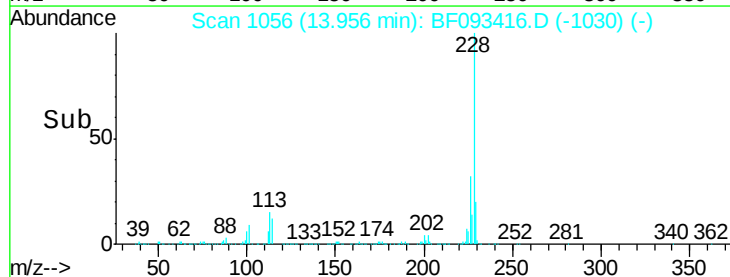
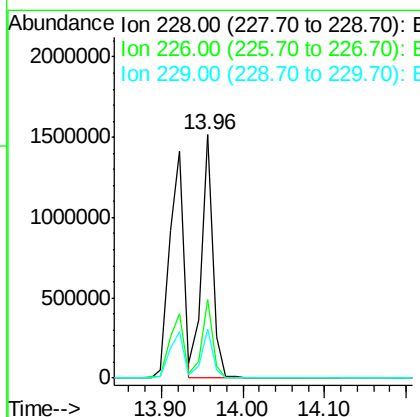
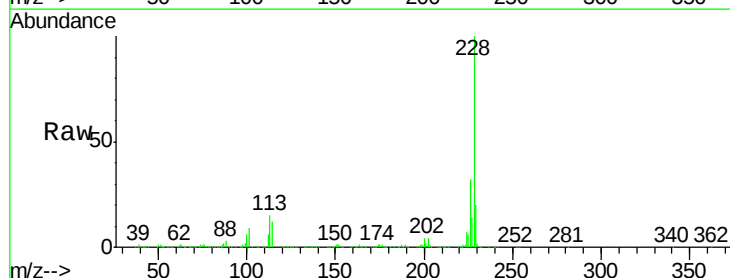
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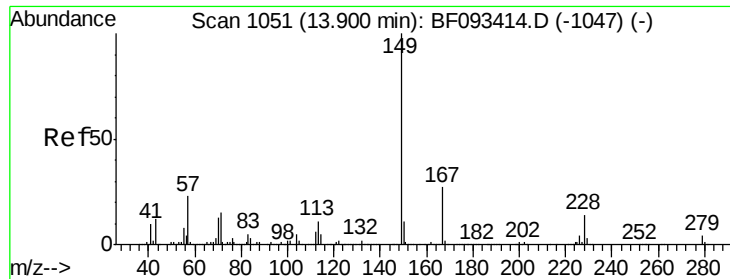
mohammad  
 3/8/2017 1:45:31 PM



#82  
 Chrysene  
 Concen: 48.97 ng  
 RT: 13.96 min Scan# 1056  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.1  | 25.4  | 38.0  |
| 229     | 20.3  | 16.2  | 24.2  |





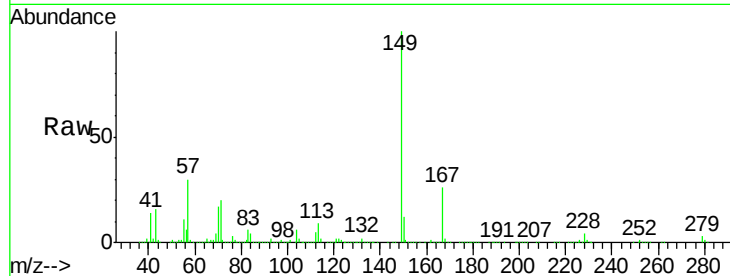
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 56.71 ng  
 RT: 13.90 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

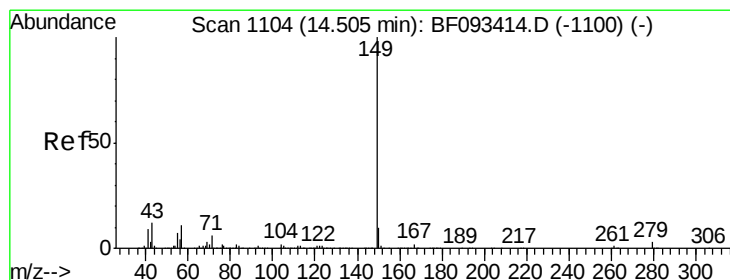
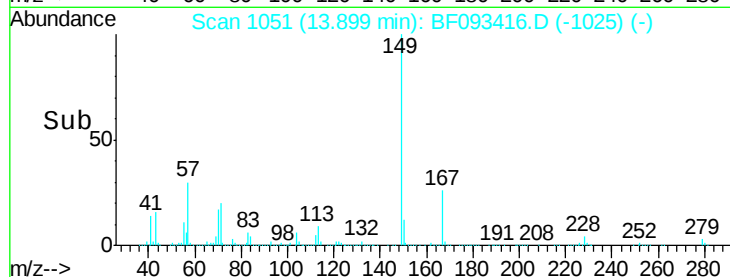
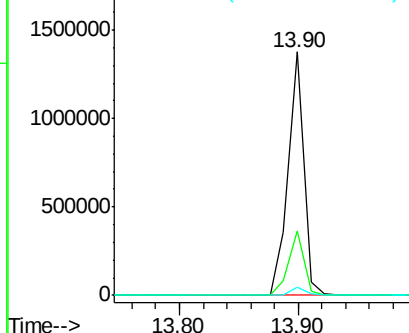
Tot Ion:149 Resp: 1249930  
 Ion Ratio Lower Upper  
 149 100  
 167 26.3 20.2 30.4  
 279 3.1 1.8 2.8#

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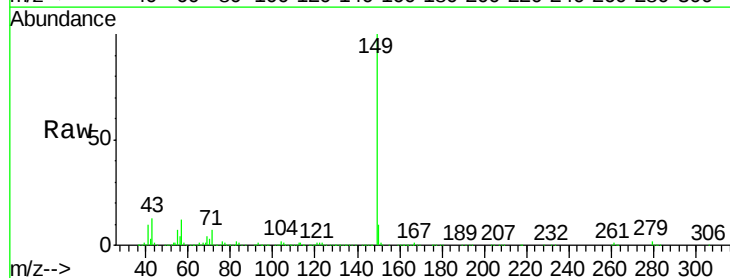


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

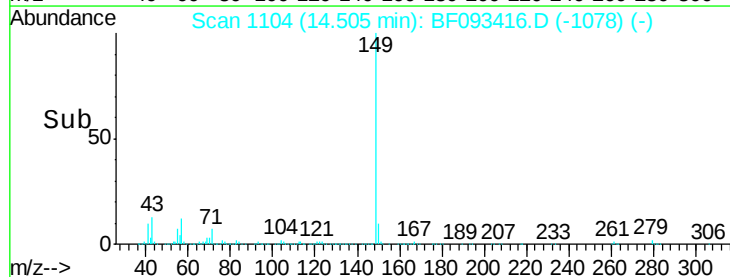
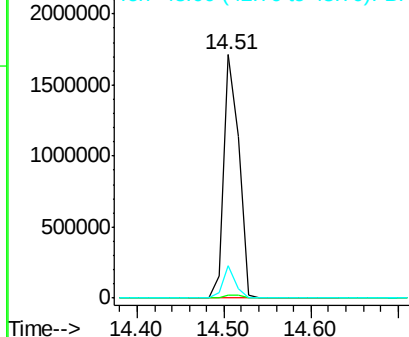


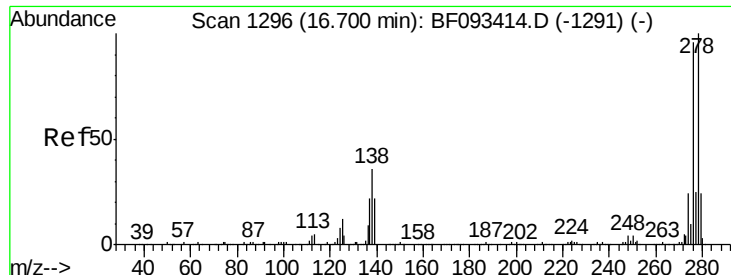
#84  
 Di-n-octyl phthalate  
 Concen: 57.98 ng  
 RT: 14.51 min Scan# 1104  
 Delta R.T. -0.00 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Tgt Ion:149 Resp: 2081014  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 11.2 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF0





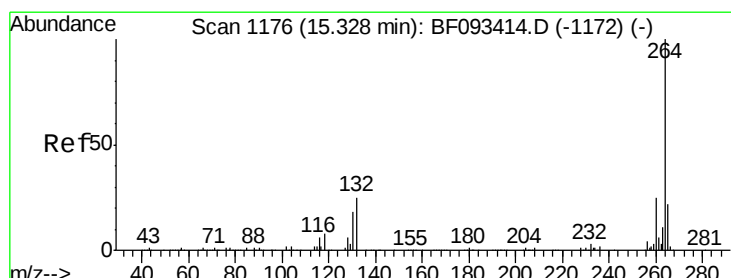
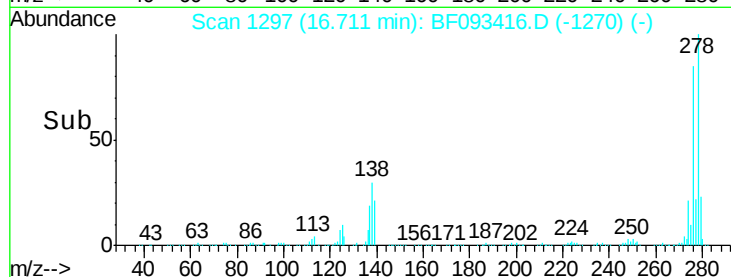
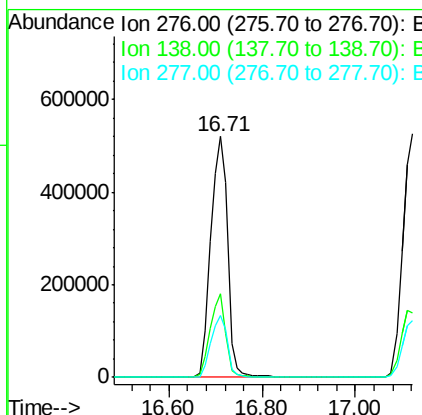
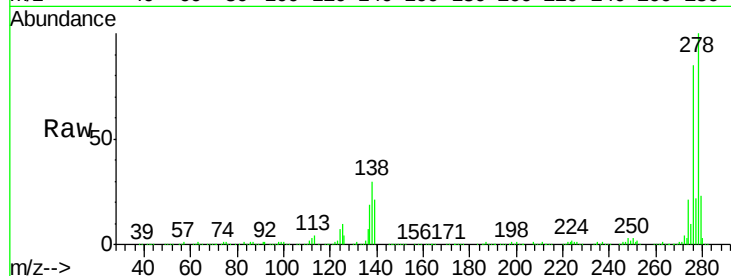
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 56.06 ng  
RT: 16.71 min Scan# 1297  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 32.3  | 21.8  | 32.6  |
| 277     | 25.3  | 20.2  | 30.4  |

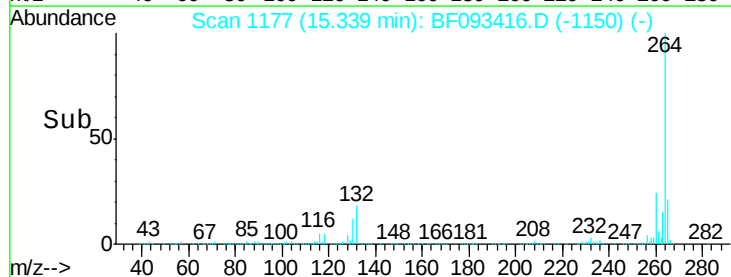
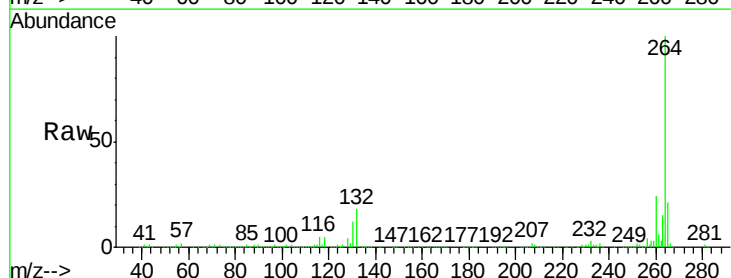
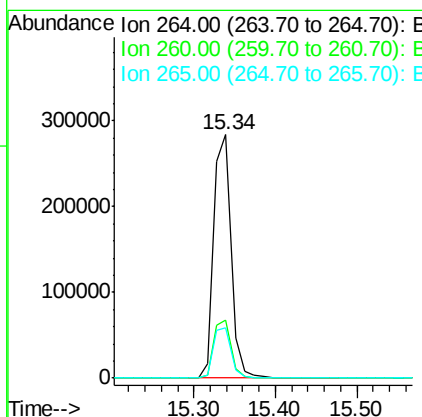
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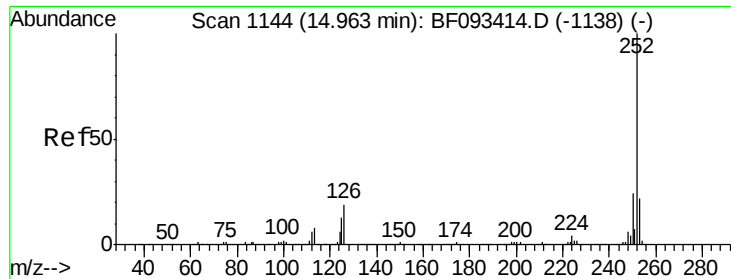
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.34 min Scan# 1177  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 19.2  | 28.8  |
| 265     | 20.8  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 51.81 ng m

RT: 14.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

Instrument :

BNA\_F

ClientSampleId :

SSTDICC060

Tot Ion:252 Resp: 1444787

Ion Ratio Lower Upper

252 100

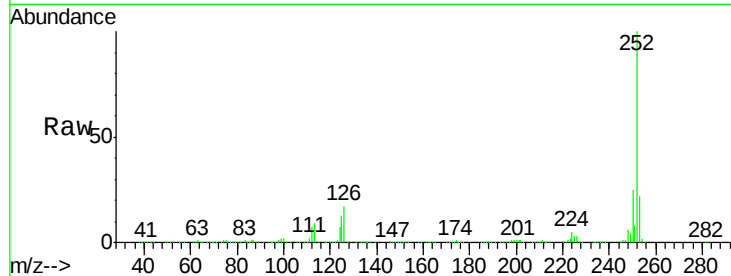
253 22.3 18.2 27.4

125 13.0 9.8 14.6

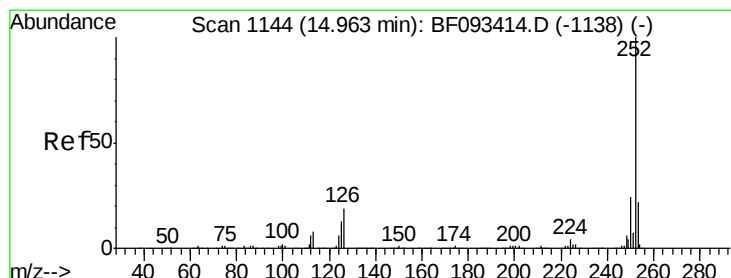
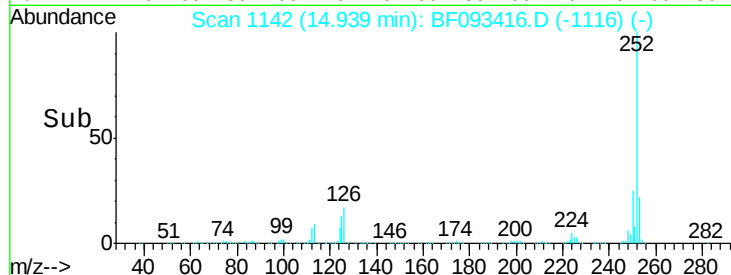
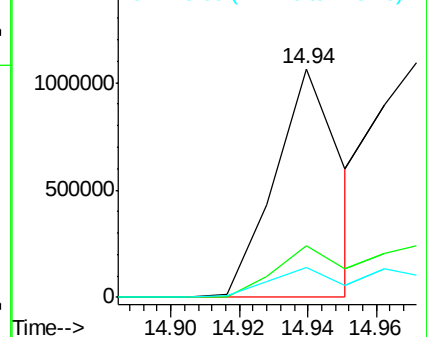
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 60.33 ng m

RT: 14.97 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF093416.D

Acq: 7 Mar 2017 13:20

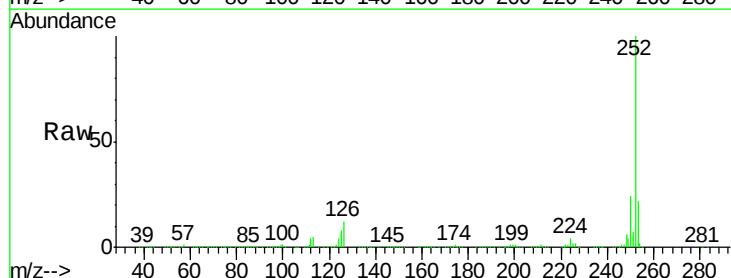
Tgt Ion:252 Resp: 1452672

Ion Ratio Lower Upper

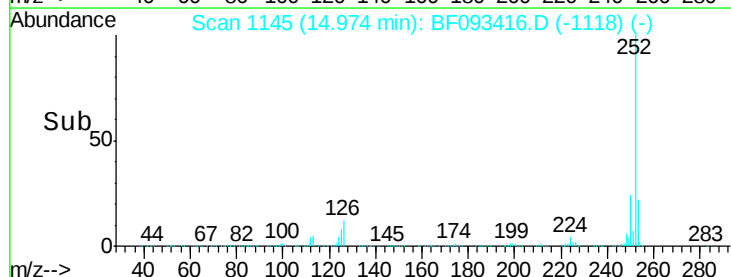
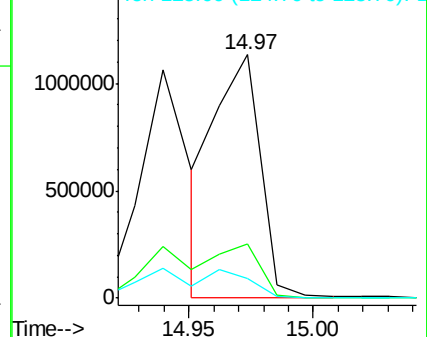
252 100

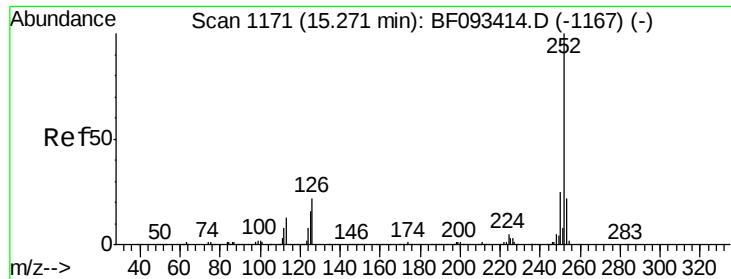
253 22.1 18.5 27.7

125 8.3 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





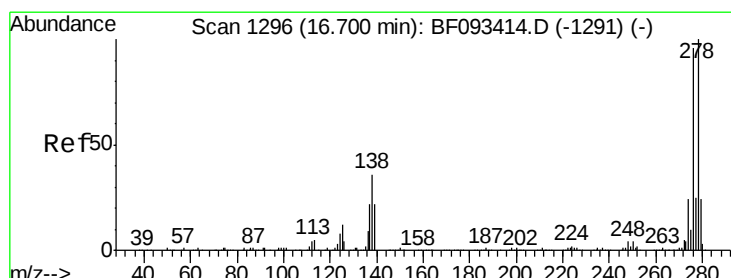
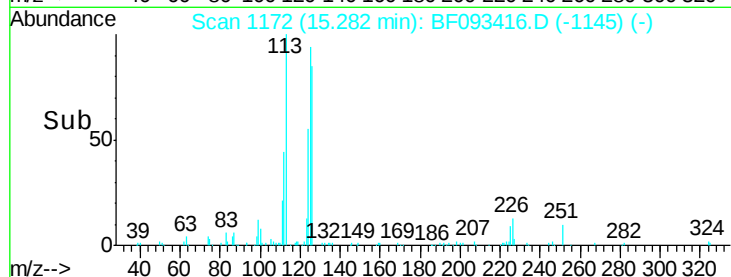
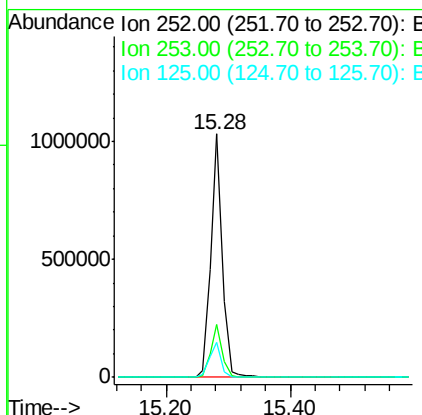
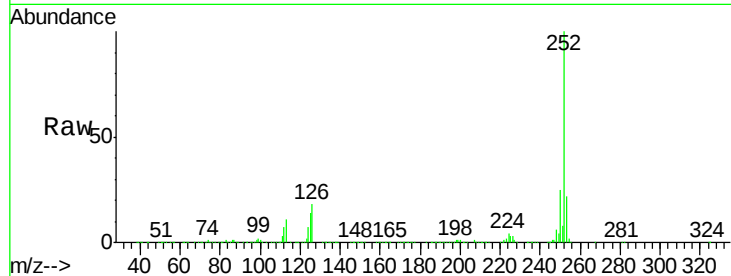
#89  
Benzo(a)pyrene  
Concen: 53.89 ng  
RT: 15.28 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.2  | 27.2  |
| 125     | 14.2  | 10.0  | 15.0  |

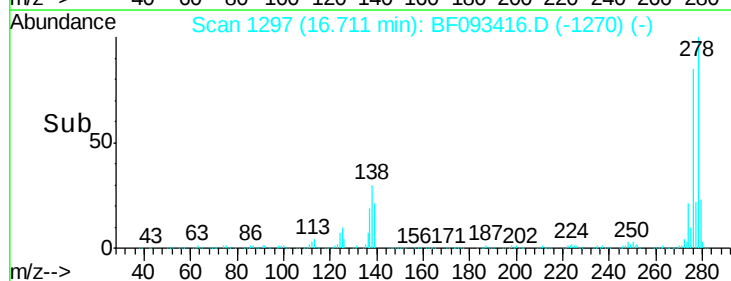
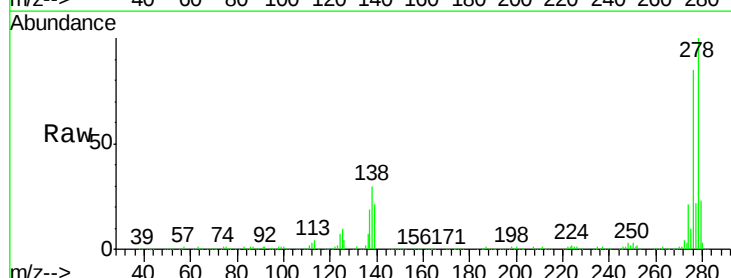
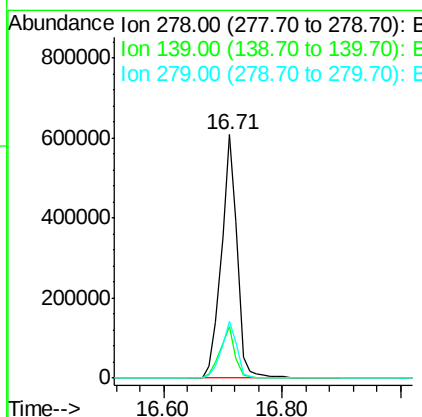
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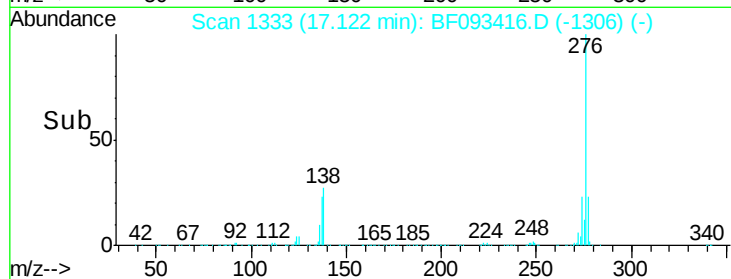
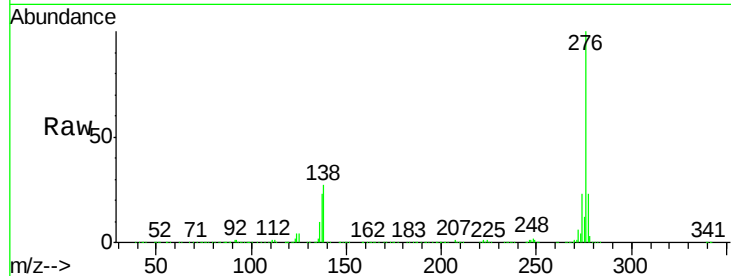
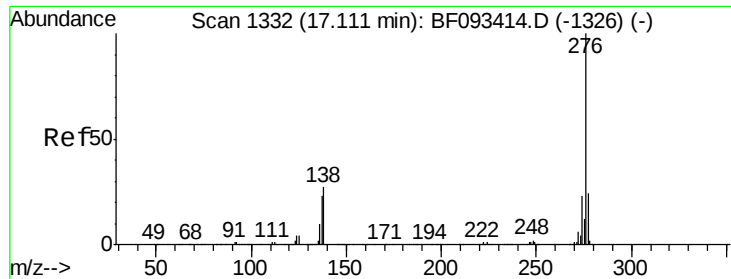
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#90  
Dibenzo(a,h)anthracene  
Concen: 57.56 ng  
RT: 16.71 min Scan# 1297  
Delta R.T. 0.01 min  
Lab File: BF093416.D  
Acq: 7 Mar 2017 13:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.3  | 14.8  | 22.2  |
| 279     | 23.3  | 19.8  | 29.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 59.75 ng  
 RT: 17.12 min Scan# 1333  
 Delta R.T. 0.01 min  
 Lab File: BF093416.D  
 Acq: 7 Mar 2017 13:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 19.2  | 28.8  |
| 138     | 26.6  | 16.0  | 24.0  |

Manual Integrations  
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