

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\  
 Data File : BF095048.D  
 Acq On : 10 May 2017 6:16  
 Operator : SJ/MA  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
 APPROVED

mohammad  
 5/10/2017 11:48:01 AM

Quant Time: May 10 07:04:55 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 128685   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 9.73  | 136  | 513158   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 12.56 | 164  | 222687   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 14.97 | 188  | 374899   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 18.64 | 240  | 249309   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 20.30 | 264  | 245528   | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.65  | 112 | 631860  | 81.86 | ng | -0.03 |
| 7) Phenol-d6                | 7.26  | 99  | 756431  | 81.68 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.62  | 82  | 658822  | 80.96 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 13.86 | 330 | 140993  | 77.31 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 11.51 | 172 | 1224840 | 79.17 | ng | -0.02 |
| 78) Terphenyl-d14           | 17.29 | 244 | 837786  | 74.02 | ng | -0.02 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.05  | 88  | 187508  | 49.53  | ng | 95   |
| 3) Pyridine                    | 2.71  | 79  | 376200  | 42.88  | ng | 98   |
| 4) n-Nitrosodimethylamine      | 2.65  | 42  | 146713  | 40.12  | ng | 87   |
| 6) Aniline                     | 7.21  | 93  | 503330  | 43.05  | ng | 96   |
| 8) 2-Chlorophenol              | 7.40  | 128 | 362943  | 41.31  | ng | 96   |
| 9) Benzaldehyde                | 7.02  | 77  | 223257  | 39.48  | ng | 98   |
| 10) Phenol                     | 7.28  | 94  | 386329  | 39.59  | ng | 91   |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93  | 318265  | 39.50  | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.61  | 146 | 398253  | 39.96  | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 7.74  | 146 | 407658  | 40.34  | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 7.97  | 146 | 376056  | 39.86  | ng | 97   |
| 15) Benzyl Alcohol             | 8.00  | 79  | 288245  | 48.39  | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 430027  | 37.71  | ng | 81   |
| 17) 2-Methylphenol             | 8.21  | 107 | 292500  | 40.68  | ng | 96   |
| 18) Hexachloroethane           | 8.49  | 117 | 127068  | 37.11  | ng | # 85 |
| 19) n-Nitroso-di-n-propylamine | 8.43  | 70  | 247175  | 39.46  | ng | 92   |
| 20) 3+4-Methylphenols          | 8.47  | 107 | 378339  | 38.73  | ng | # 58 |
| 22) Acetophenone               | 8.39  | 105 | 501556  | 40.74  | ng | # 84 |
| 24) Nitrobenzene               | 8.65  | 77  | 340528  | 39.92  | ng | 94   |
| 25) Isophorone                 | 9.05  | 82  | 633886  | 43.62  | ng | 96   |
| 26) 2-Nitrophenol              | 9.15  | 139 | 184631  | 40.11  | ng | 98   |
| 27) 2,4-Dimethylphenol         | 9.29  | 122 | 298555  | 40.12  | ng | 99   |
| 28) bis(2-Chloroethoxy)methane | 9.41  | 93  | 399227  | 39.71  | ng | 99   |
| 29) 2,4-Dichlorophenol         | 9.57  | 162 | 290393  | 41.33  | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 9.66  | 180 | 301949  | 40.11  | ng | 99   |
| 31) Naphthalene                | 9.77  | 128 | 1006047 | 39.01  | ng | 99   |
| 32) Benzoic acid               | 9.62  | 122 | 166170  | 35.49  | ng | 93   |
| 33) 4-Chloroaniline            | 9.90  | 127 | 407988  | 42.45  | ng | # 93 |
| 34) Hexachlorobutadiene        | 9.98  | 225 | 150961  | 38.01  | ng | 97   |
| 35) Caprolactam                | 10.54 | 113 | 91158   | 43.20  | ng | # 86 |
| 36) 4-Chloro-3-methylphenol    | 10.77 | 107 | 302916  | 40.32  | ng | 90   |
| 37) 2-Methylnaphthalene        | 10.90 | 142 | 692388  | 40.90  | ng | 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 11.17 | 216 | 274808  | 40.13  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 11.14 | 237 | 35891   | 17.58  | ng | 98   |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\  
 Data File : BF095048.D  
 Acq On : 10 May 2017 6:16  
 Operator : SJ/MA  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

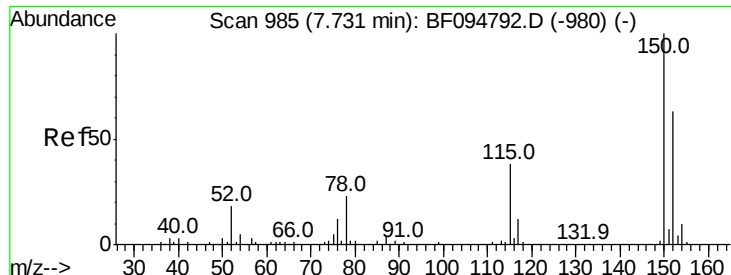
mohammad  
 5/10/2017 11:48:01 AM

Quant Time: May 10 07:04:55 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 03 17:24:51 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.39 | 196  | 190602   | 41.69 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 11.48 | 196  | 183677   | 37.38 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 11.66 | 154  | 759131   | 40.49 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 11.68 | 162  | 593224   | 39.19 | nq    | 95       |
| 47) 2-Nitroaniline             | 11.89 | 65   | 169437   | 40.89 | nq    | # 87     |
| 48) Acenaphthylene             | 12.34 | 152  | 965486   | 40.72 | nq    | 98       |
| 49) Dimethylphthalate          | 12.21 | 163  | 707028   | 38.67 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 12.30 | 165  | 156813   | 42.05 | nq    | 92       |
| 51) Acenaphthene               | 12.62 | 154  | 568201   | 40.12 | nq    | 99       |
| 52) 3-Nitroaniline             | 12.58 | 138  | 168227   | 42.03 | nq    | 87       |
| 53) 2,4-Dinitrophenol          | 12.79 | 184  | 13368    | 12.25 | nq    | # 68     |
| 54) Dibenzofuran               | 12.91 | 168  | 880993   | 44.95 | nq    | 99       |
| 55) 4-Nitrophenol              | 12.98 | 139  | 90462m   | 37.63 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 12.97 | 165  | 210071   | 43.83 | nq    | # 88     |
| 57) Fluorene                   | 13.46 | 166  | 663292   | 38.92 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 13.15 | 232  | 139355   | 45.06 | nq    | # 95     |
| 59) Diethylphthalate           | 13.36 | 149  | 697239   | 39.79 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 13.48 | 204  | 299988   | 40.05 | nq    | 91       |
| 61) 4-Nitroaniline             | 13.57 | 138  | 134472   | 36.59 | nq    | 95       |
| 62) Azobenzene                 | 13.74 | 77   | 588906   | 41.83 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 13.64 | 198  | 31173    | 12.40 | nq    | # 66     |
| 65) n-Nitrosodiphenylamine     | 13.69 | 169  | 536088   | 39.40 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 14.27 | 248  | 166633   | 42.07 | nq    | 98       |
| 67) Hexachlorobenzene          | 14.35 | 284  | 159119   | 39.20 | nq    | # 87     |
| 68) Atrazine                   | 14.61 | 200  | 152857   | 39.79 | nq    | 96       |
| 69) Pentachlorophenol          | 14.71 | 266  | 59936    | 36.13 | nq    | 96       |
| 70) Phenanthrene               | 15.00 | 178  | 872564   | 40.51 | nq    | 98       |
| 71) Anthracene                 | 15.09 | 178  | 905004   | 41.13 | nq    | 98       |
| 72) Carbazole                  | 15.37 | 167  | 794844   | 39.70 | nq    | 96       |
| 73) Di-n-butylphthalate        | 15.94 | 149  | 1062159  | 42.54 | nq    | 98       |
| 74) Fluoranthene               | 16.75 | 202  | 781346   | 35.36 | nq    | 98       |
| 76) Benzidine                  | 16.97 | 184  | 251980   | 38.83 | nq    | 95       |
| 77) Pyrene                     | 17.05 | 202  | 753485   | 40.41 | nq    | 100      |
| 79) Butylbenzylphthalate       | 17.95 | 149  | 327505   | 37.76 | nq    | # 85     |
| 80) Benzo(a)anthracene         | 18.62 | 228  | 579473   | 39.94 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 18.61 | 252  | 202295   | 40.37 | nq    | # 96     |
| 82) Chrysene                   | 18.67 | 228  | 543621   | 38.75 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 18.69 | 149  | 496927   | 40.21 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 19.46 | 149  | 815656   | 40.26 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.59 | 276  | 512754   | 45.00 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 19.89 | 252  | 586321   | 38.65 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 19.92 | 252  | 603919   | 41.27 | nq    | 96       |
| 89) Benzo(a)pyrene             | 20.24 | 252  | 564790   | 40.34 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 21.60 | 278  | 434049   | 37.54 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 21.96 | 276  | 423526   | 37.33 | nq    | 98       |

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





#1

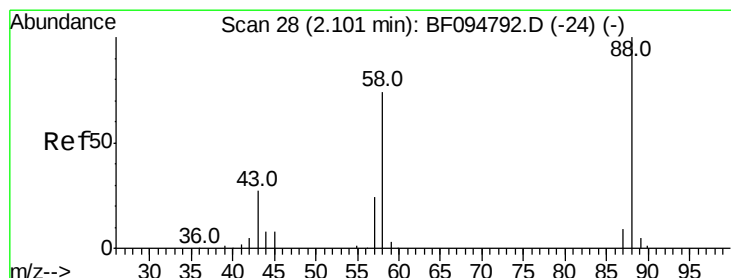
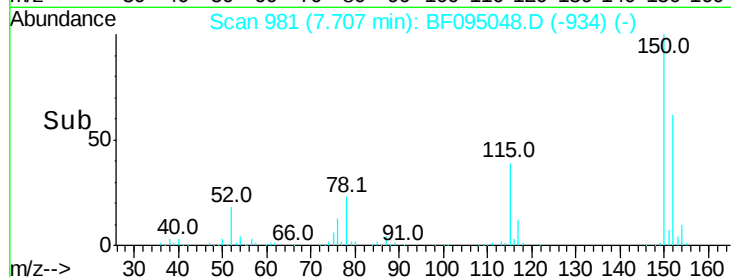
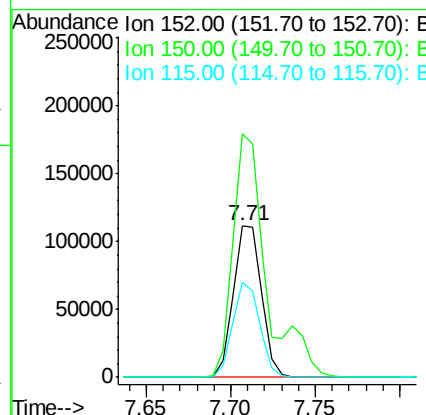
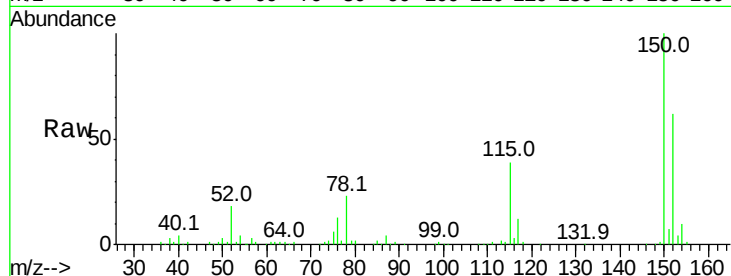
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.71 min Scan# 981  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.4 | 126.2 | 189.2 |
| 115     | 62.5  | 52.2  | 78.2  |

Manual Integrations  
APPROVED

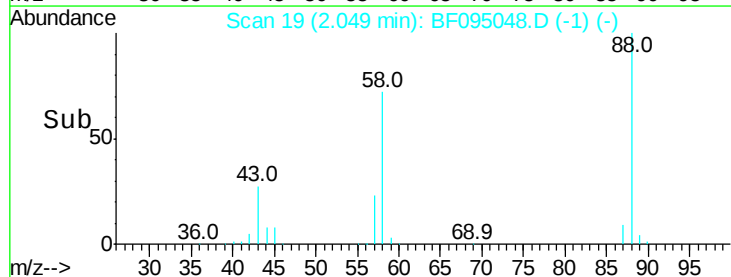
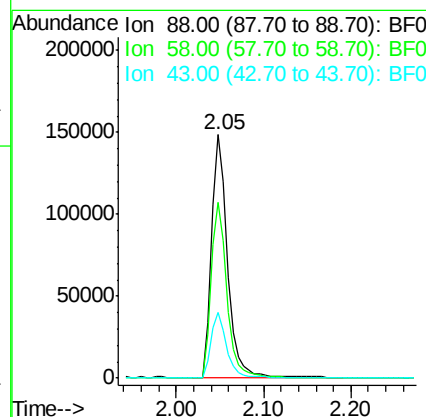
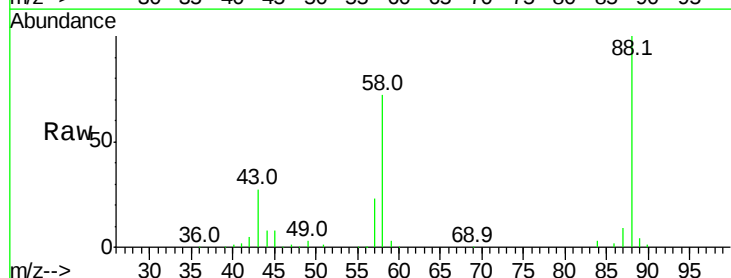
mohammad  
5/10/2017 11:48:01 AM



#2

1,4-Dioxane  
Concen: 49.53 ng  
RT: 2.05 min Scan# 19  
Delta R.T. -0.05 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.4  | 61.4  | 92.0  |
| 43      | 26.9  | 23.4  | 35.0  |





#3

Pvridine

Concen: 42.88 ng

RT: 2.71 min Scan# 132

Delta R.T. -0.05 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

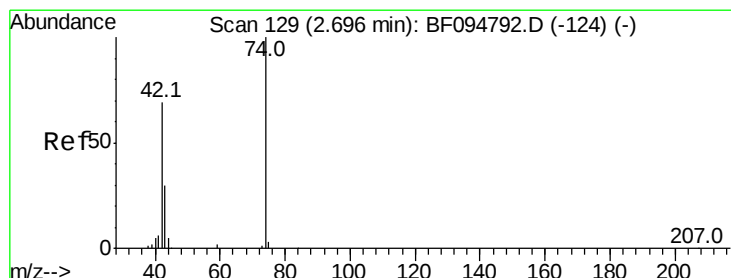
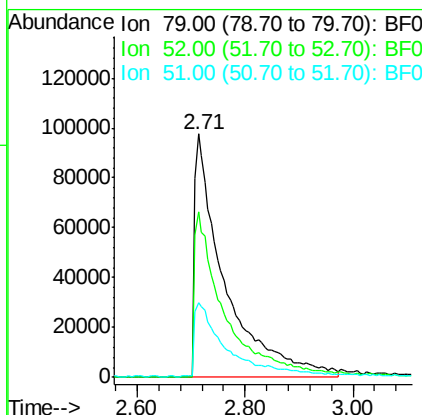
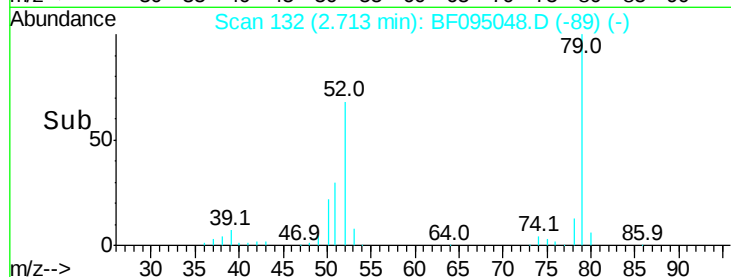
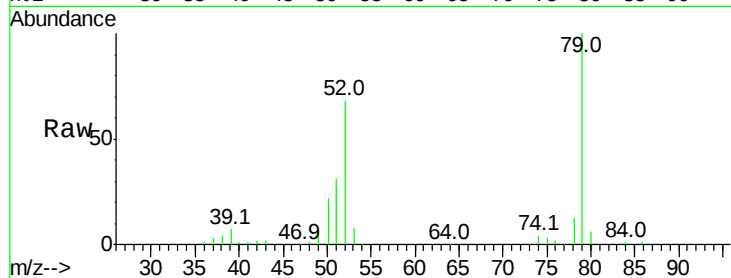
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 376200 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 68.0  | 54.8  | 82.2   |
| 51        | 30.9  | 27.0  | 40.4   |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#4

n-Nitrosodimethylamine

Concen: 40.12 ng

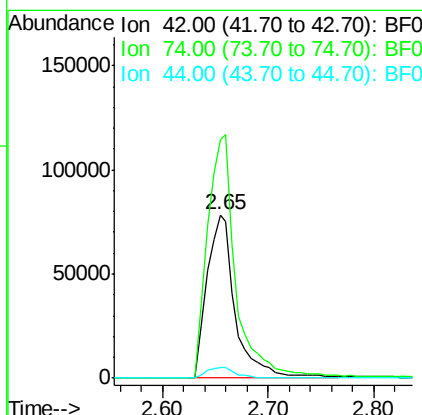
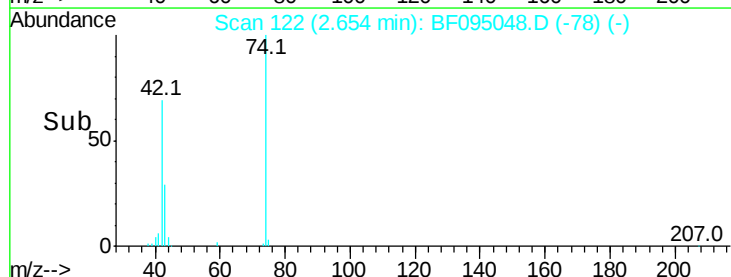
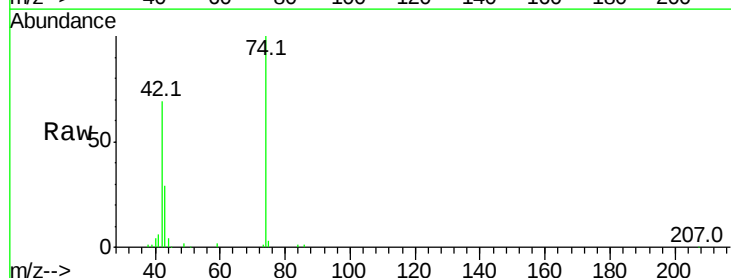
RT: 2.65 min Scan# 122

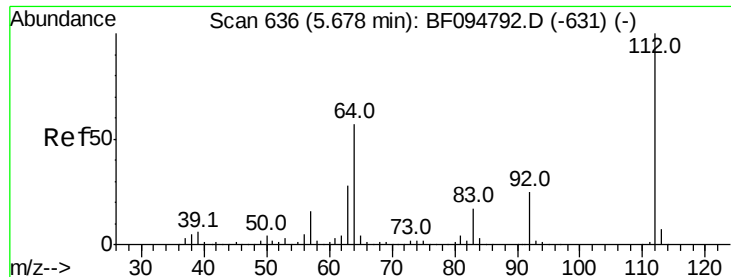
Delta R.T. -0.04 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 146713 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 145.8 | 103.9 | 155.9  |
| 44        | 6.5   | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 81.86 ng

RT: 5.65 min Scan# 631

Delta R.T. -0.03 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

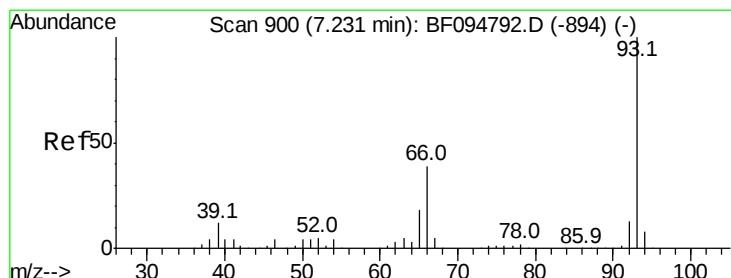
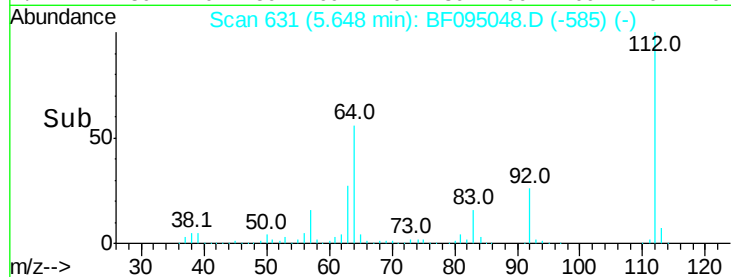
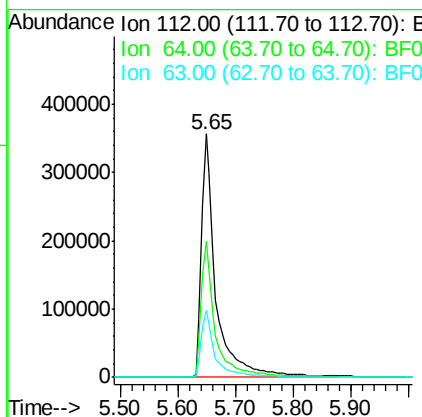
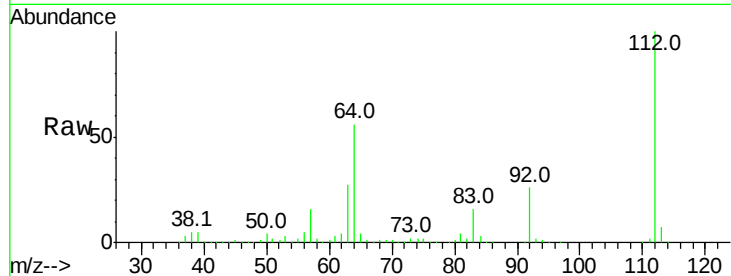
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 631860 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 55.7  | 46.0  | 69.0   |
| 63        | 27.4  | 23.4  | 35.0   |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#6

Aniline

Concen: 43.05 ng

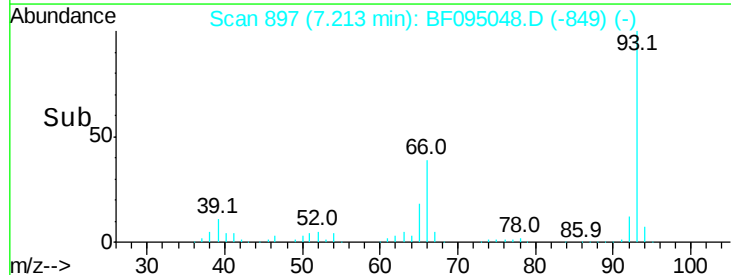
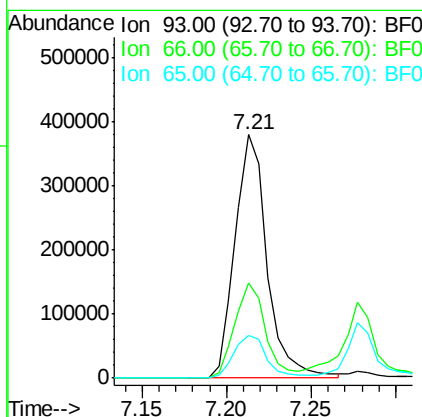
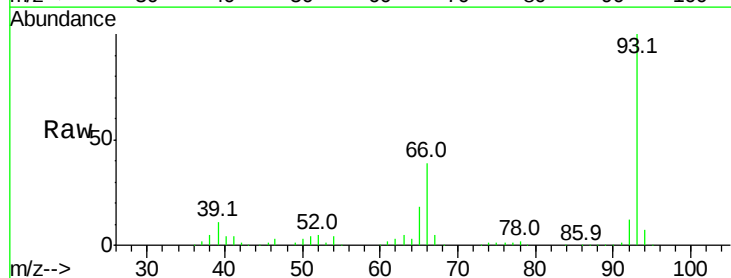
RT: 7.21 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 503330 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.1  | 32.9  | 49.3   |
| 65        | 17.8  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 81.68 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

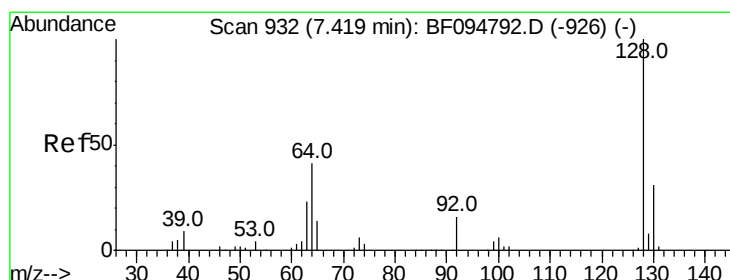
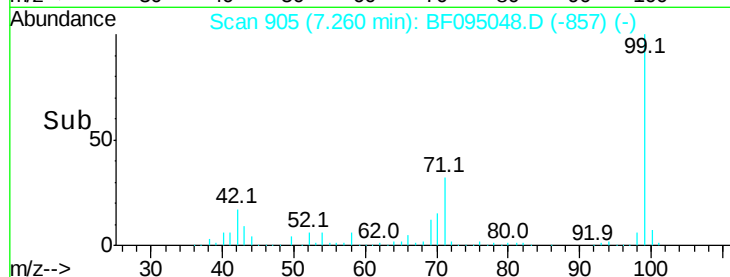
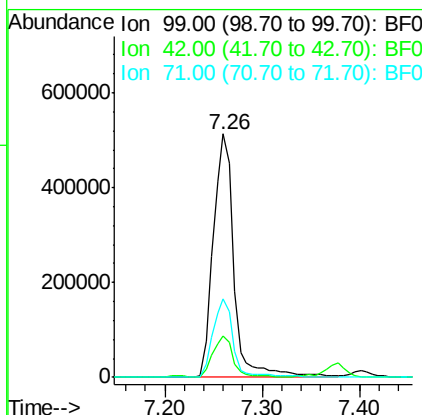
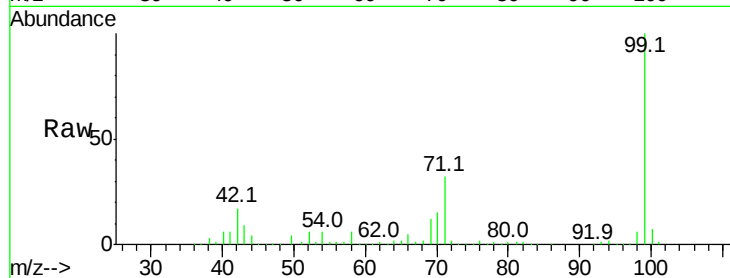
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 756431 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.8  | 13.5  | 20.3   |
| 71        | 32.2  | 24.5  | 36.7   |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#8

2-Chlorophenol

Concen: 41.31 ng

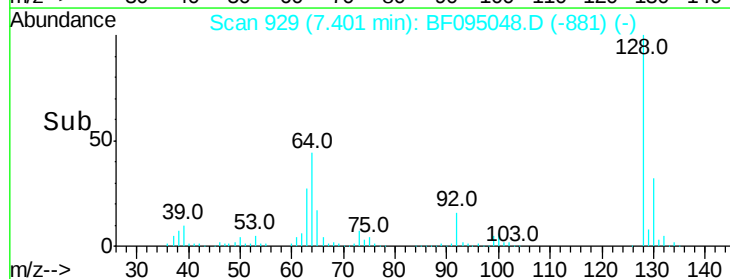
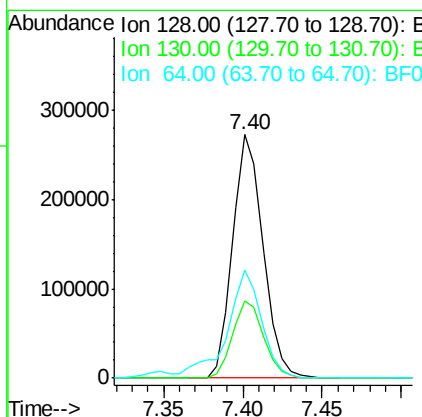
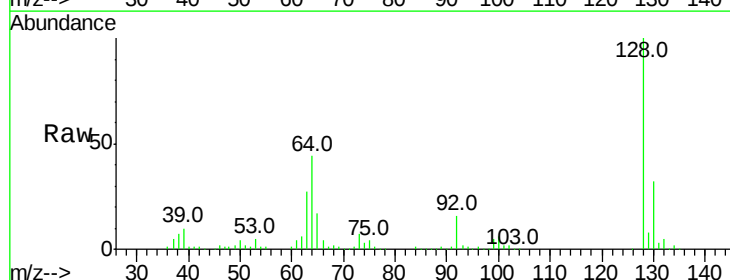
RT: 7.40 min Scan# 929

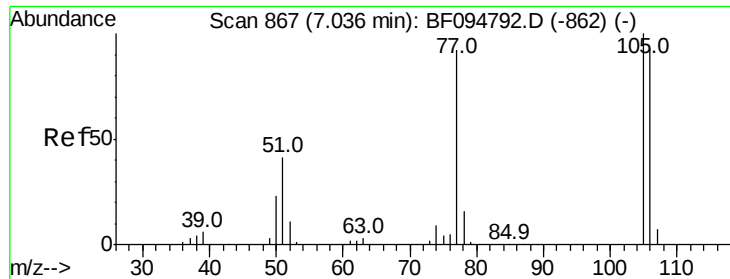
Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 362943 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.0  | 12.9  | 52.9   |
| 64        | 44.1  | 28.4  | 68.4   |





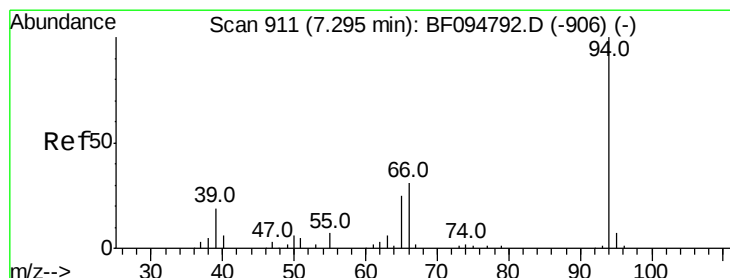
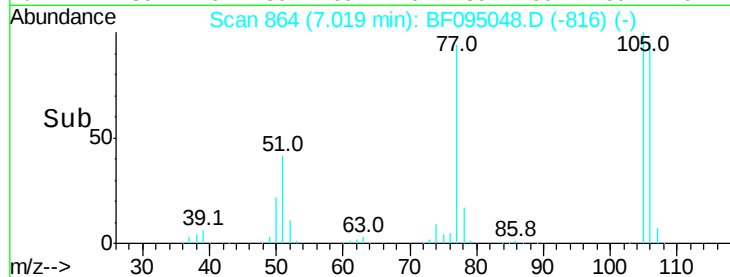
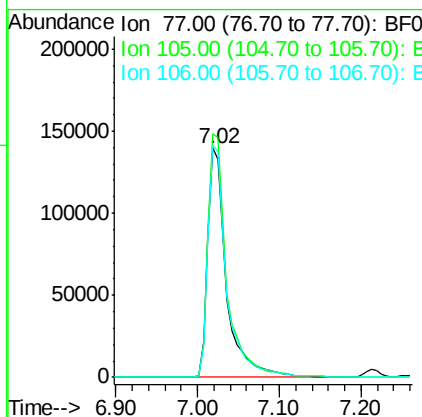
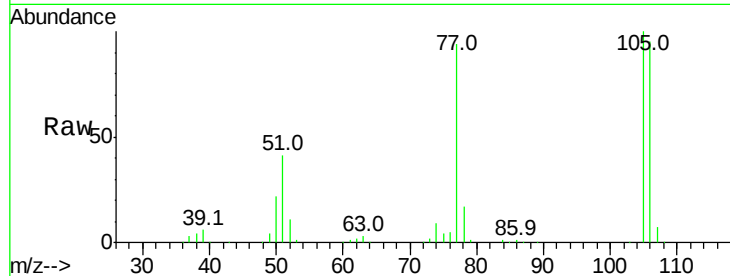
#9  
Benzaldehyde  
Concen: 39.48 ng  
RT: 7.02 min Scan# 864  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 106.2 | 83.8  | 123.8 |
| 106     | 101.4 | 79.1  | 119.1 |

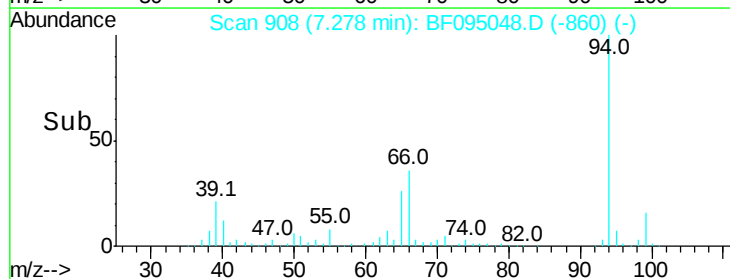
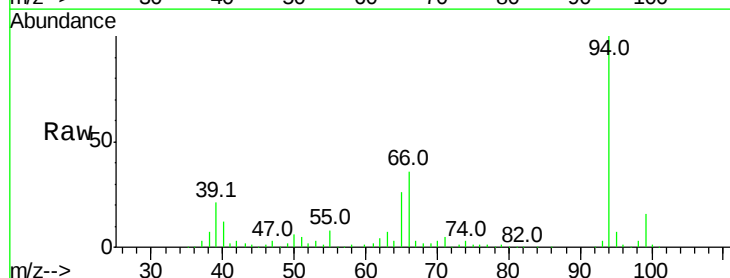
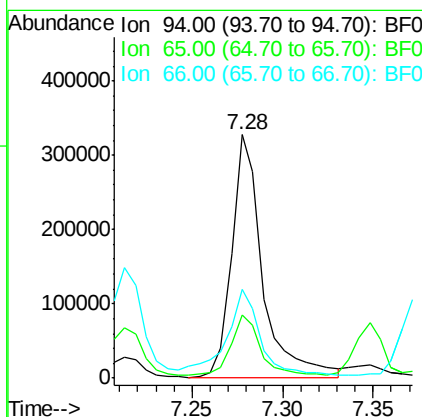
Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#10  
Phenol  
Concen: 39.59 ng  
RT: 7.28 min Scan# 908  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 26.2  | 9.9   | 49.9  |
| 66      | 36.3  | 23.1  | 63.1  |





#11

bis(2-Chloroethyl)ether

Concen: 39.50 ng

RT: 7.35 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

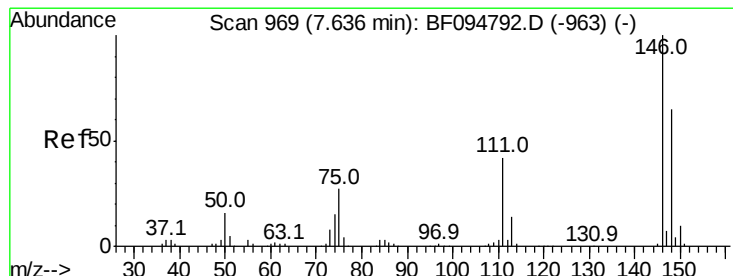
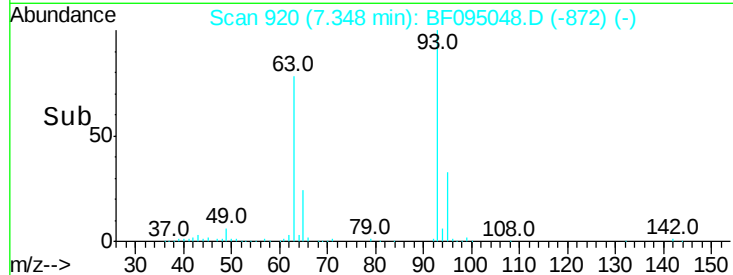
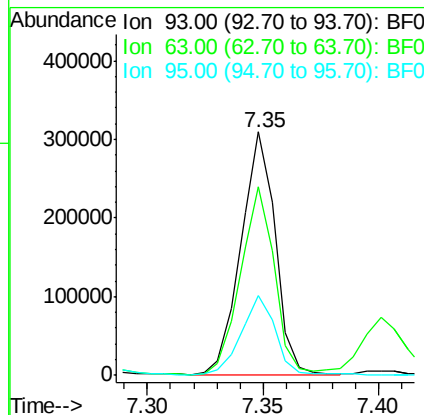
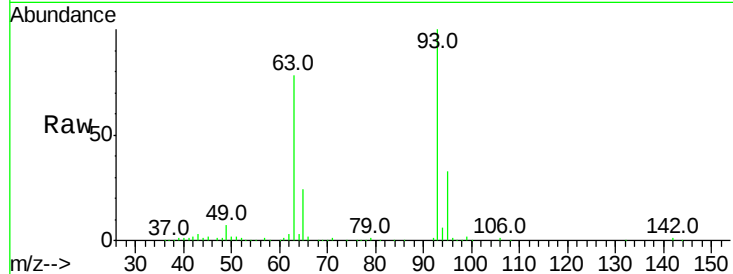
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 318265 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 77.5  | 59.2  | 99.2   |
| 95        | 32.9  | 12.8  | 52.8   |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#12

1,3-Dichlorobenzene

Concen: 39.96 ng

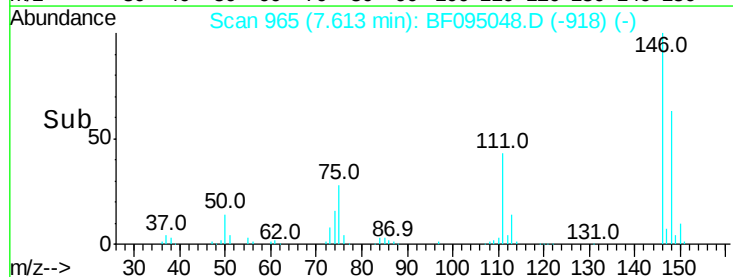
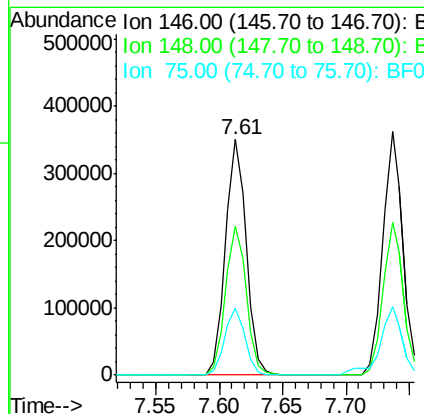
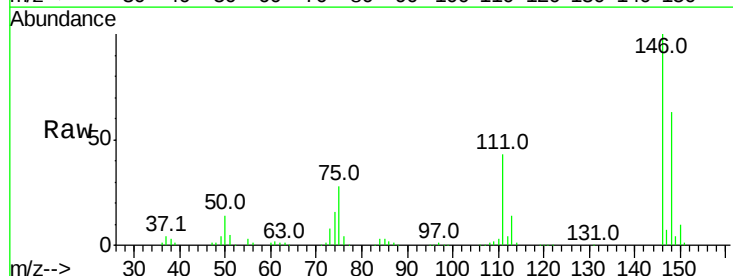
RT: 7.61 min Scan# 965

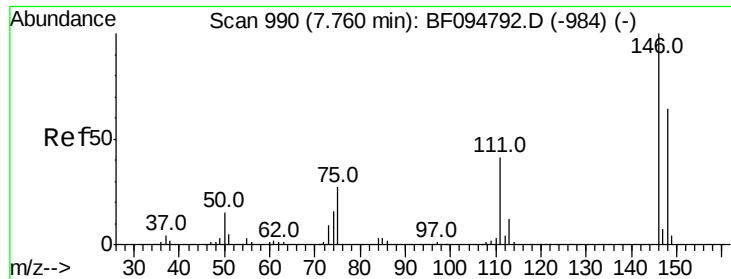
Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 398253 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 51.8  | 77.6   |
| 75        | 28.3  | 23.1  | 34.7   |





#13

1,4-Dichlorobenzene

Concen: 40.34 ng

RT: 7.74 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

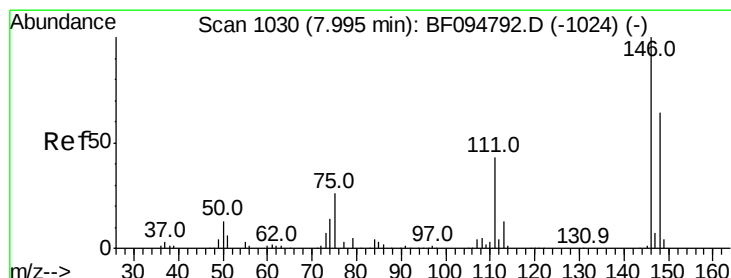
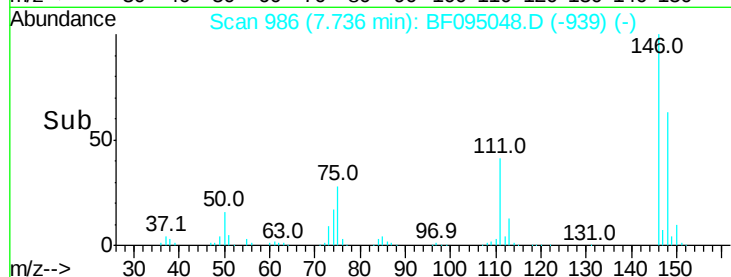
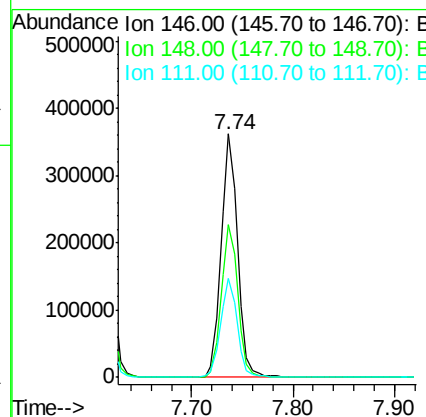
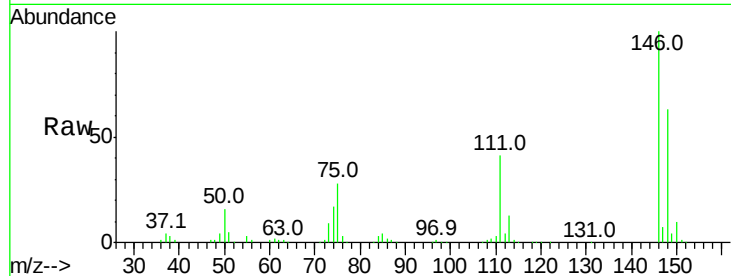
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 407658 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.7  | 52.2  | 78.2   |
| 111       | 40.7  | 30.3  | 45.5   |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#14

1,2-Dichlorobenzene

Concen: 39.86 ng

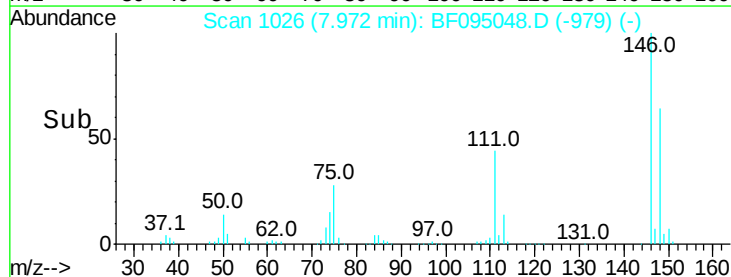
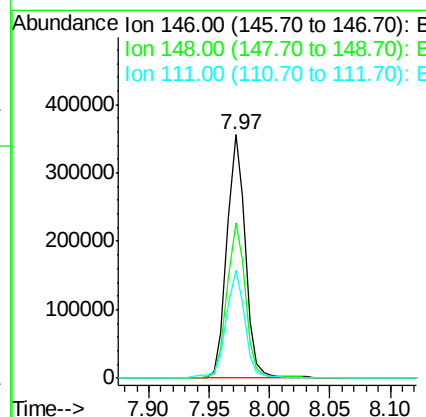
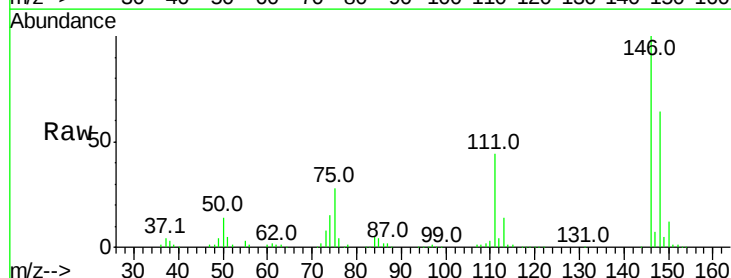
RT: 7.97 min Scan# 1026

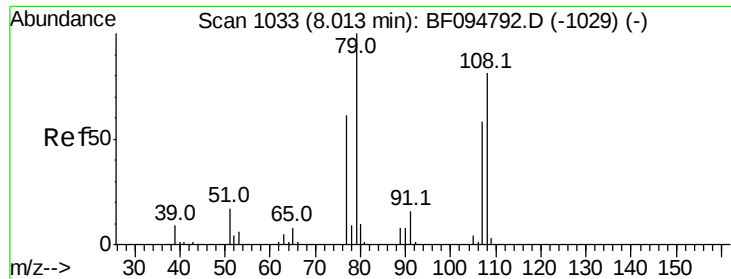
Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 376056 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.9  | 50.4  | 75.6   |
| 111       | 44.2  | 38.2  | 57.4   |





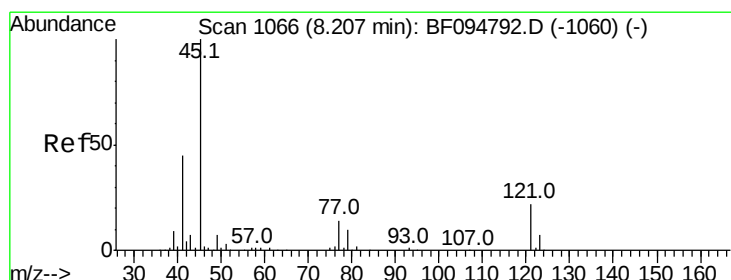
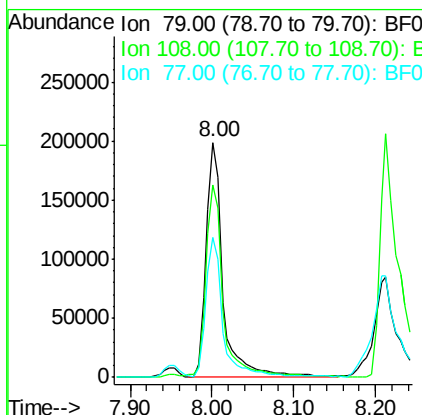
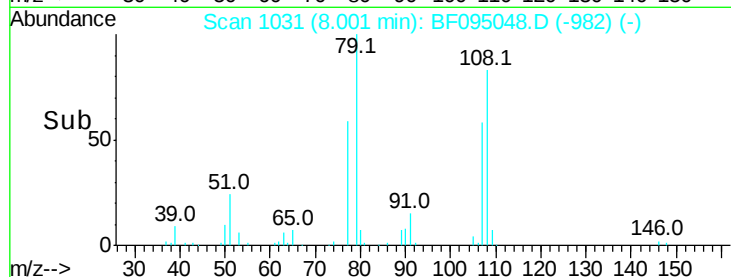
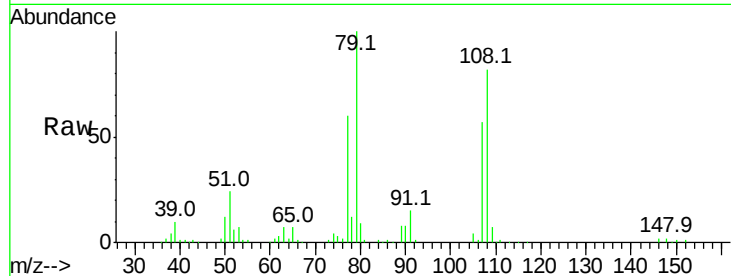
#15  
Benzyl Alcohol  
Concen: 48.39 ng  
RT: 8.00 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 82.3  | 63.4 | 95.0  |       |
| 77      | 59.8  | 49.2 | 73.8  |       |

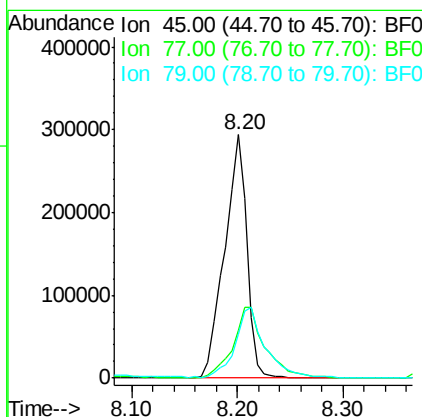
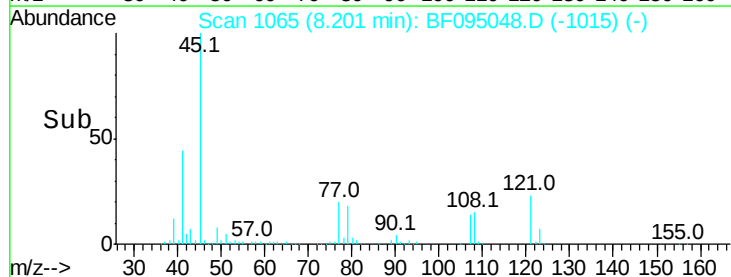
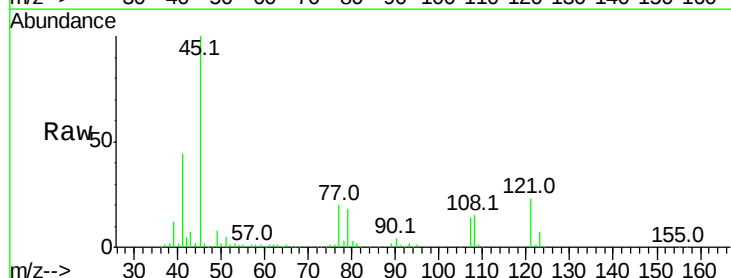
Manual Integrations  
APPROVED

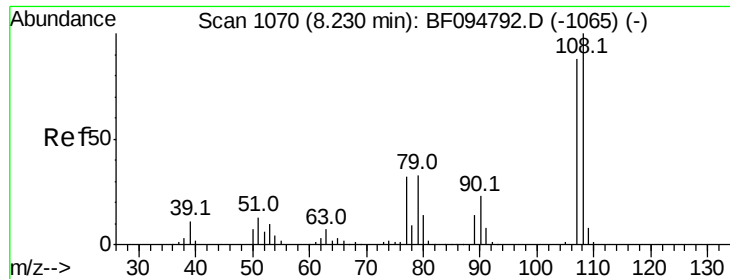
mohammad  
5/10/2017 11:48:01 AM



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 37.71 ng  
RT: 8.20 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 19.6  | 0.0  | 33.2  |       |
| 79      | 18.0  | 0.0  | 30.0  |       |





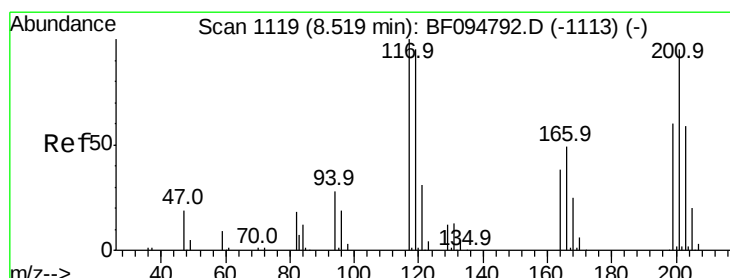
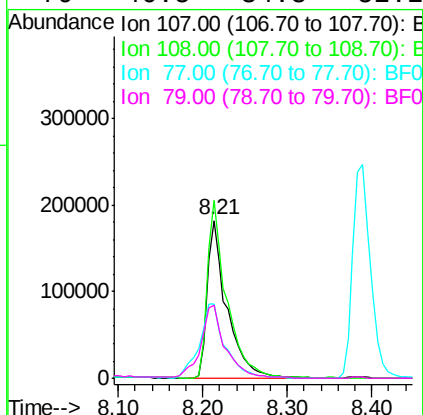
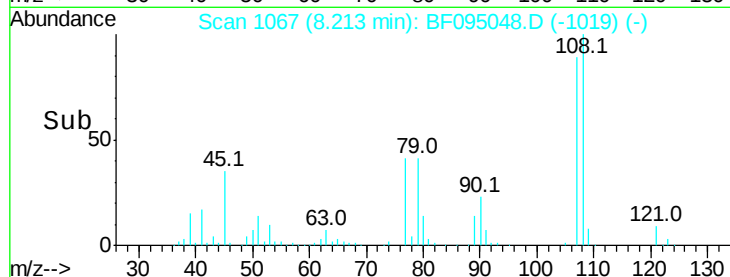
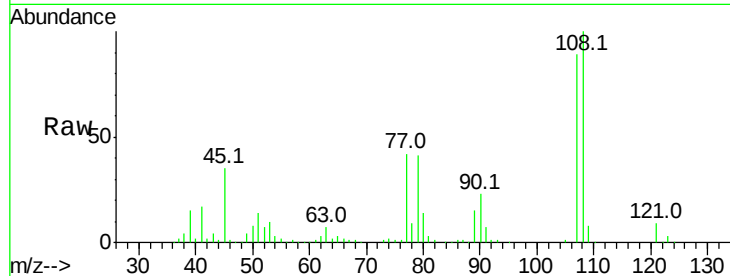
#17  
2-Methylphenol  
Concen: 40.68 ng  
RT: 8.21 min Scan# 1067  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.9 | 93.4 | 140.0 |       |
| 77      | 47.0  | 35.8 | 53.6  |       |
| 79      | 46.5  | 34.8 | 52.2  |       |

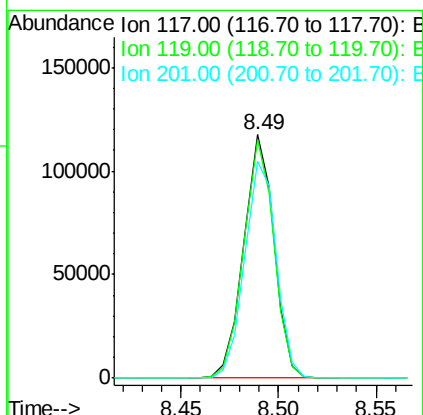
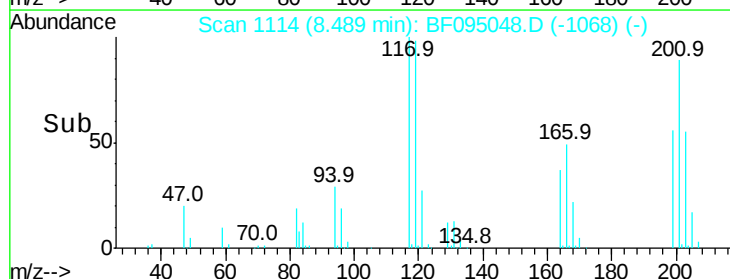
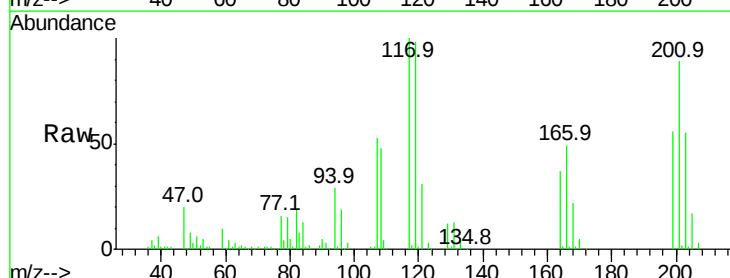
Manual Integrations  
APPROVED

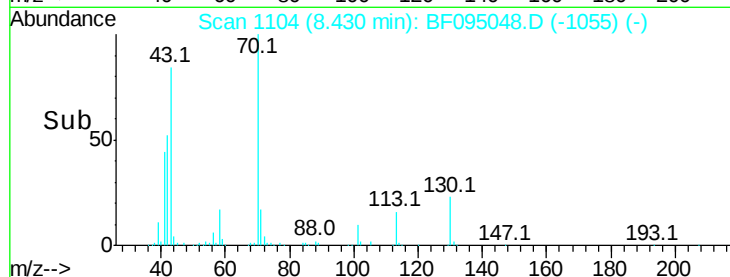
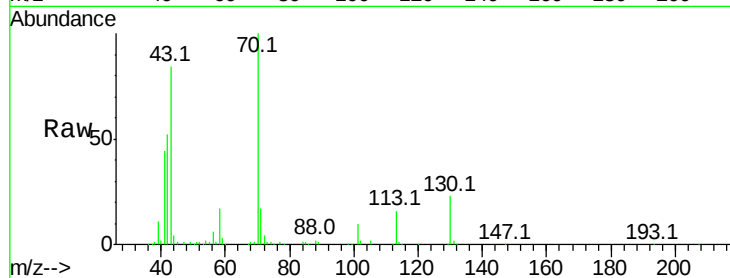
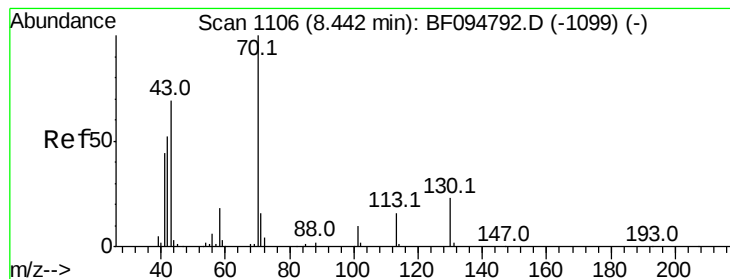
mohammad  
5/10/2017 11:48:01 AM



#18  
Hexachloroethane  
Concen: 37.11 ng  
RT: 8.49 min Scan# 1114  
Delta R.T. -0.03 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 97.9  | 77.4 | 116.0  |       |
| 201     | 89.1  | 94.6 | 141.8# |       |





#19

n-Nitroso-di-n-propylamine

Concen: 39.46 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 247175

Ion Ratio Lower Upper

70 100

42 52.2 47.2 70.8

101 9.7 7.2 10.8

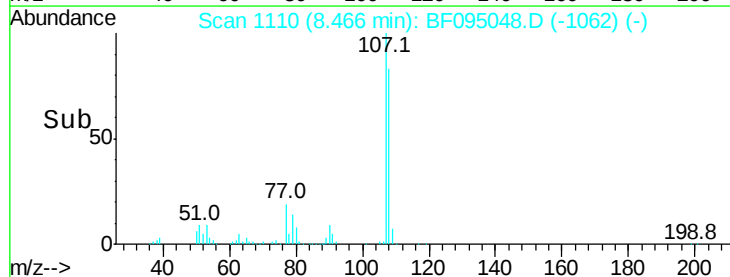
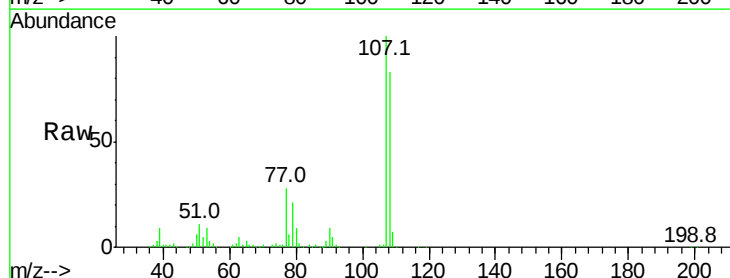
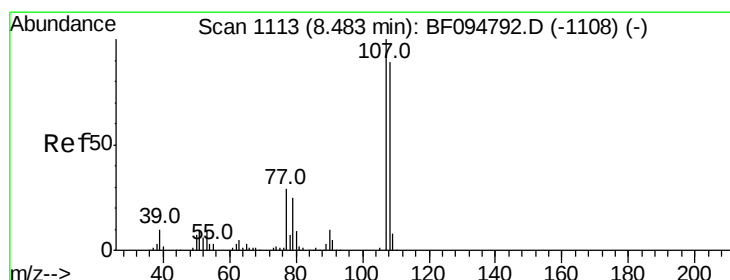
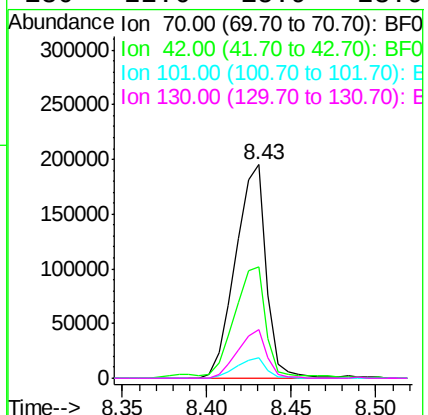
130 22.6 15.9 23.9

Manual Integrations

APPROVED

mohammad

5/10/2017 11:48:01 AM



#20

3+4-Methylphenols

Concen: 38.73 ng

RT: 8.47 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Tgt Ion: 107 Resp: 378339

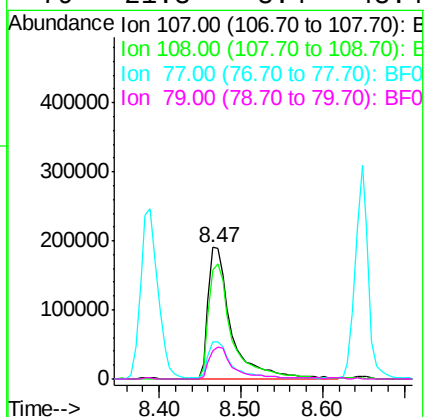
Ion Ratio Lower Upper

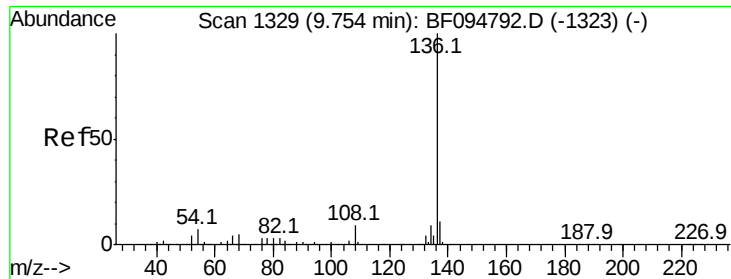
107 100

108 82.9 71.0 111.0

77 28.1 90.5 130.5#

79 21.3 8.4 48.4





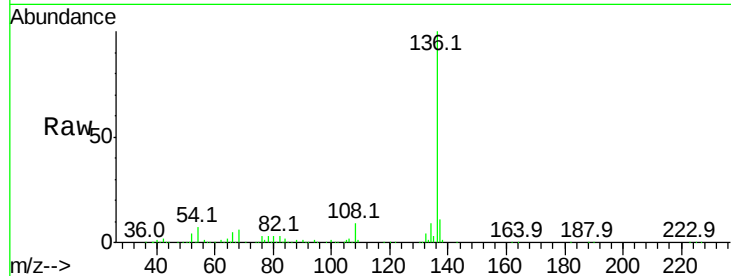
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 9.73 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 513158 |       |       |
| 137     | 11.1  | 8.5    | 12.7  |       |
| 54      | 7.1   | 4.9    | 7.3   |       |
| 68      | 5.7   | 4.1    | 6.1   |       |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



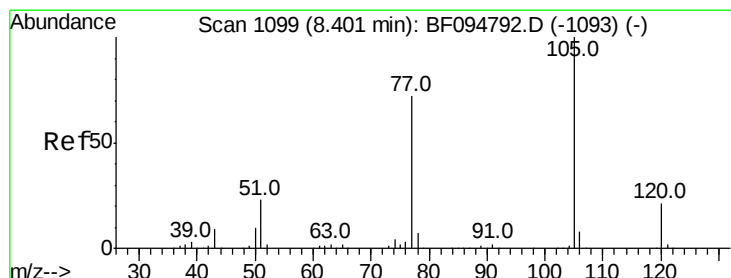
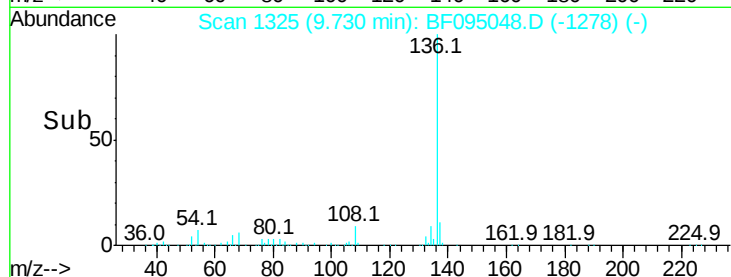
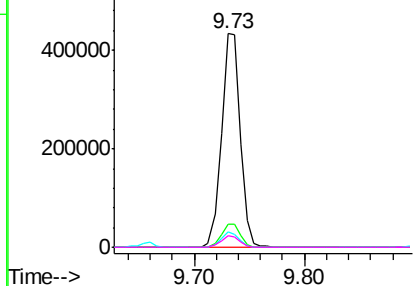
Abundance

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: 40.74 ng  
RT: 8.39 min Scan# 1097  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 501556 |       |       |
| 71      | 0.0   | 2.8    | 4.2#  |       |
| 51      | 23.3  | 30.7   | 46.1# |       |
| 120     | 21.9  | 17.4   | 26.0  |       |

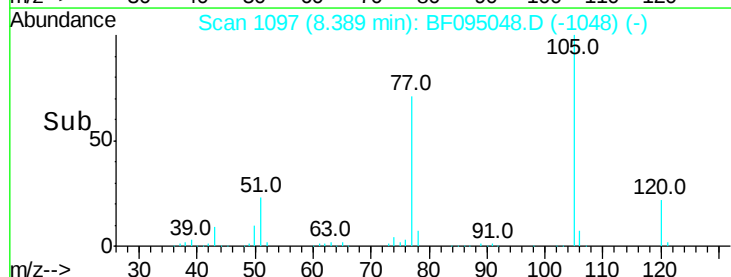
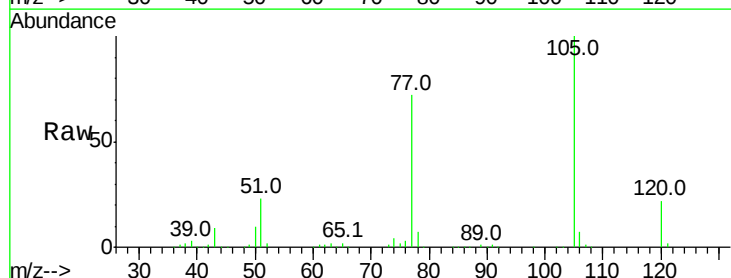
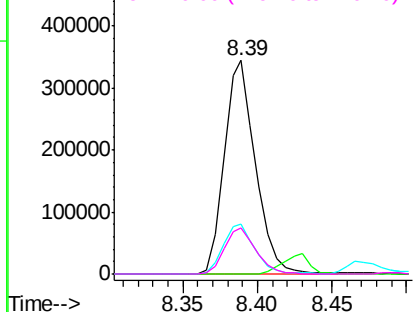
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





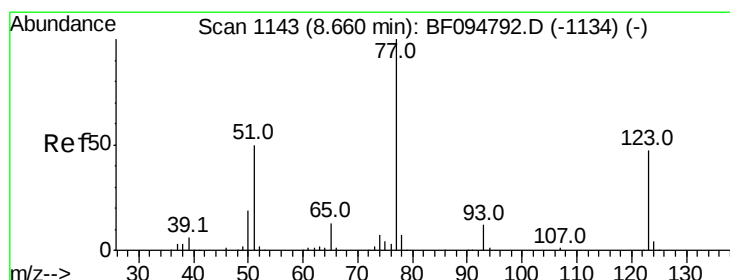
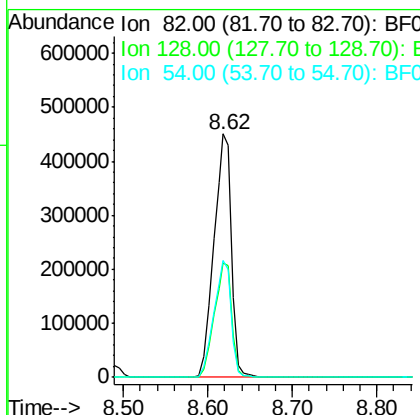
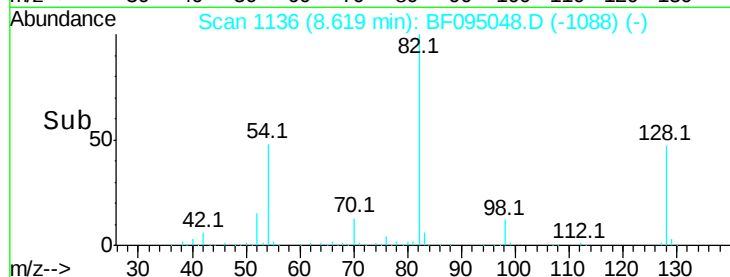
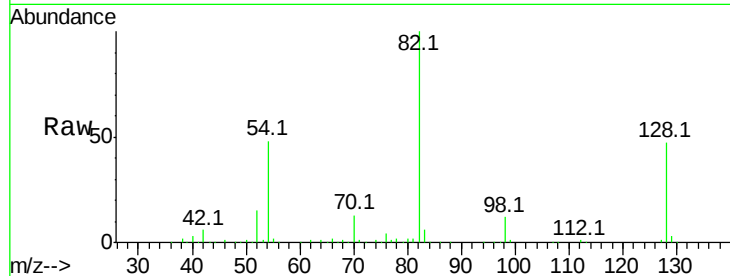
#23  
Nitrobenzene-d5  
Concen: 80.96 ng  
RT: 8.62 min Scan# 1136  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 47.0  | 34.0 | 51.0  |       |
| 54      | 47.8  | 42.2 | 63.2  |       |

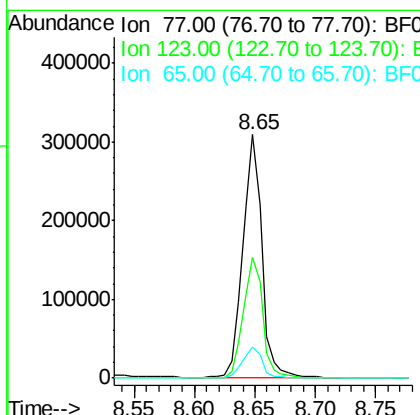
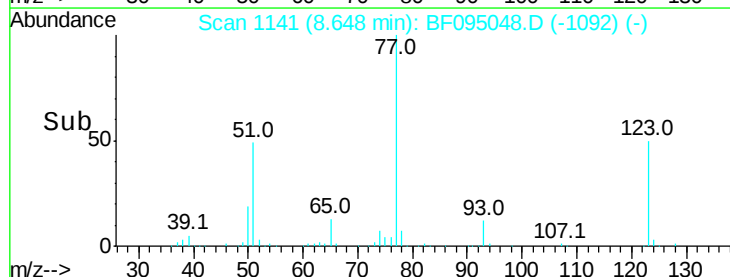
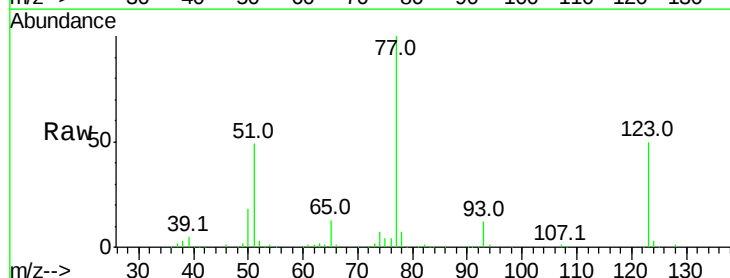
Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#24  
Nitrobenzene  
Concen: 39.92 ng  
RT: 8.65 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 49.8  | 35.8 | 53.8  |       |
| 65      | 12.6  | 10.6 | 15.8  |       |





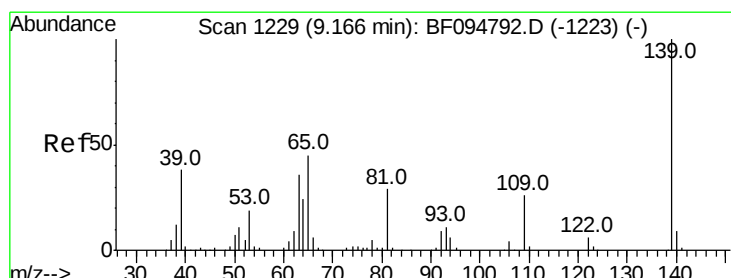
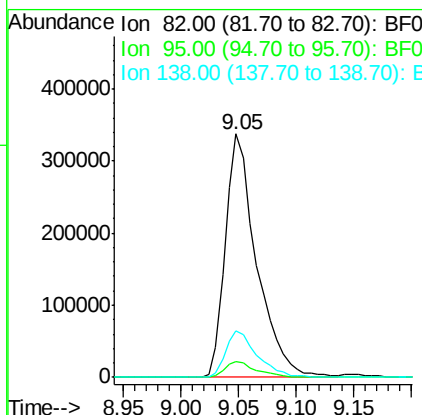
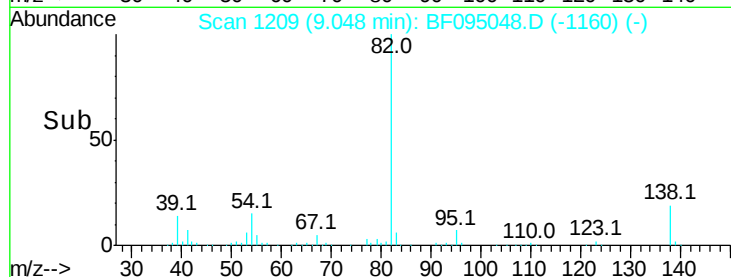
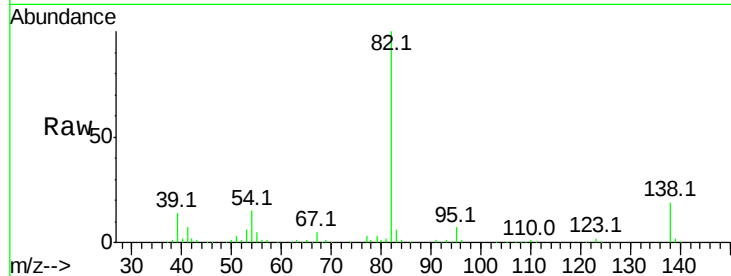
#25  
Isophorone  
Concen: 43.62 ng  
RT: 9.05 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 6.7   | 5.3  | 7.9   |       |
| 138     | 19.0  | 13.1 | 19.7  |       |

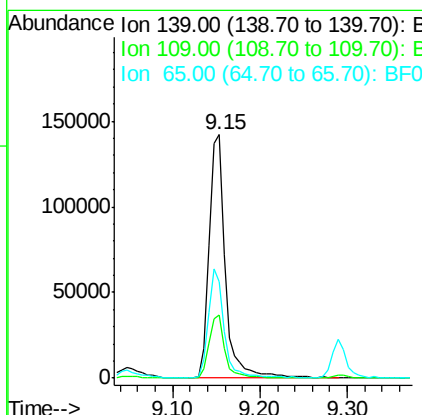
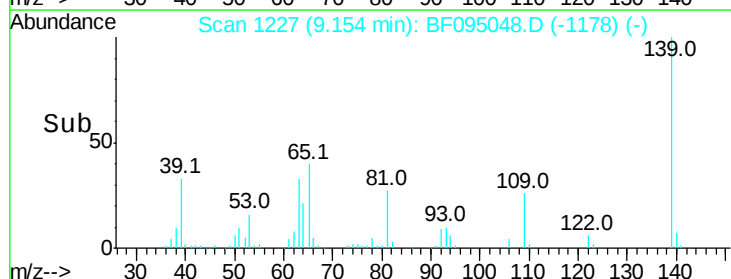
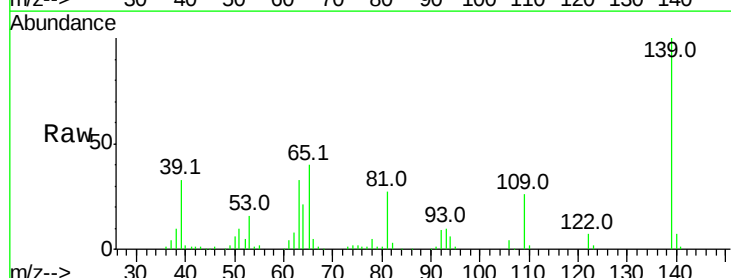
Manual Integrations  
APPROVED

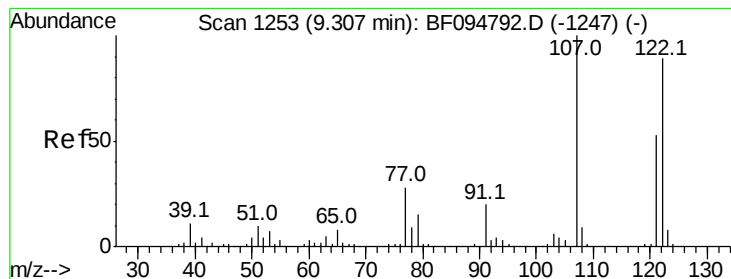
mohammad  
5/10/2017 11:48:01 AM



#26  
2-Nitrophenol  
Concen: 40.11 ng  
RT: 9.15 min Scan# 1227  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 25.8  | 21.0 | 31.6  |       |
| 65      | 39.9  | 33.0 | 49.6  |       |





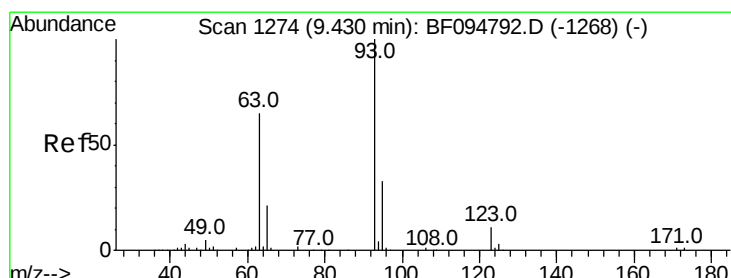
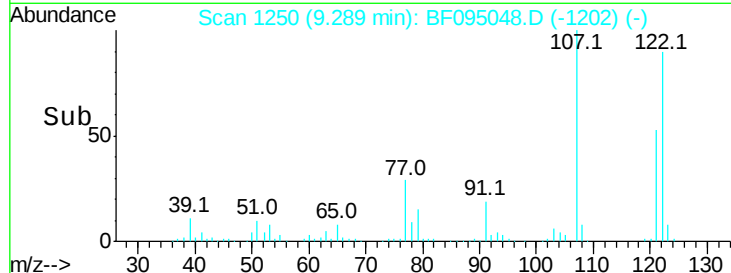
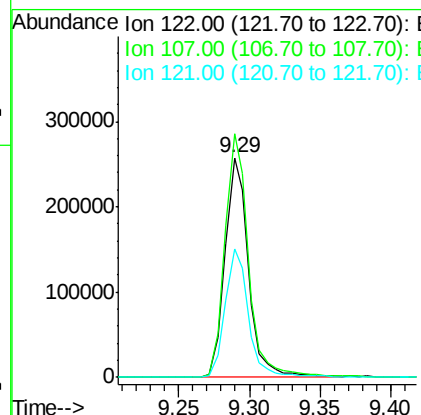
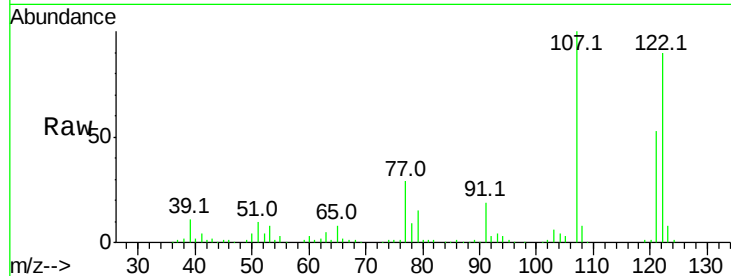
#27  
 2,4-Dimethylphenol  
 Concen: 40.12 ng  
 RT: 9.29 min Scan# 1250  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 298555 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 111.0 | 89.2  | 133.8  |
| 121       | 58.4  | 45.2  | 67.8   |

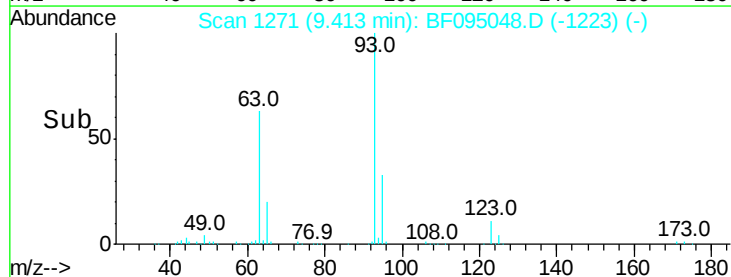
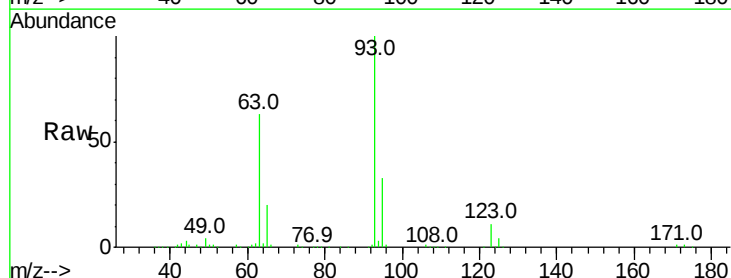
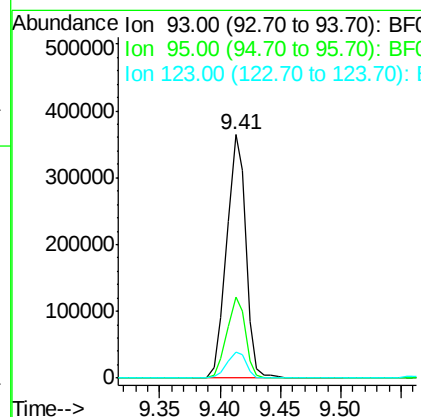
Manual Integrations  
 APPROVED

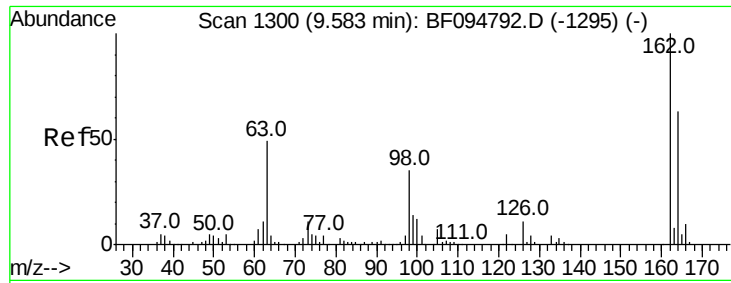
mohammad  
 5/10/2017 11:48:01 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.71 ng  
 RT: 9.41 min Scan# 1271  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 399227 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.3  | 26.5  | 39.7   |
| 123       | 10.6  | 9.0   | 13.4   |





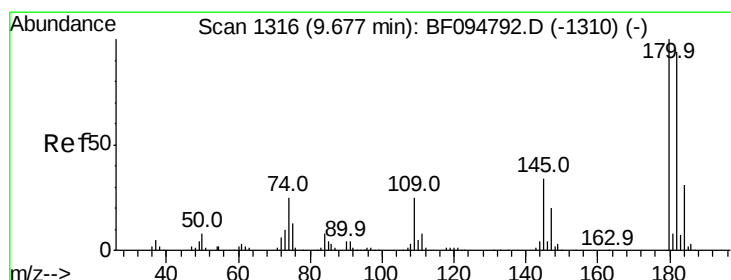
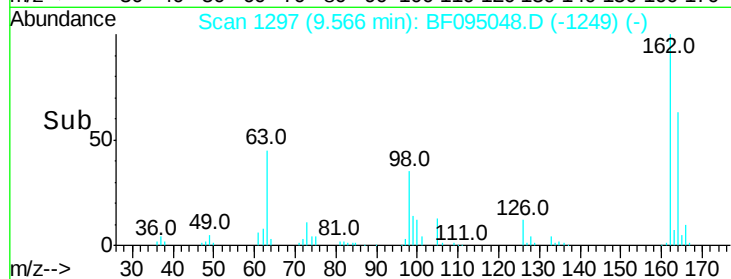
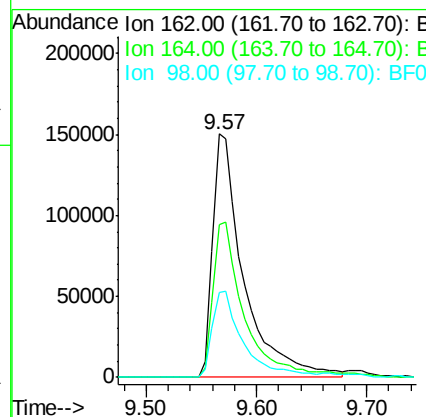
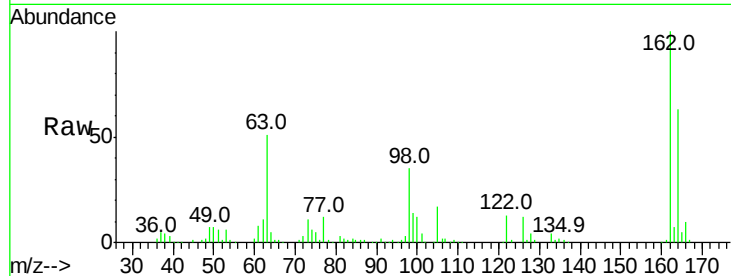
#29  
 2,4-Dichlorophenol  
 Concen: 41.33 ng  
 RT: 9.57 min Scan# 1297  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 290393 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.9  | 44.6  | 84.6   |
| 98        | 34.7  | 14.8  | 54.8   |

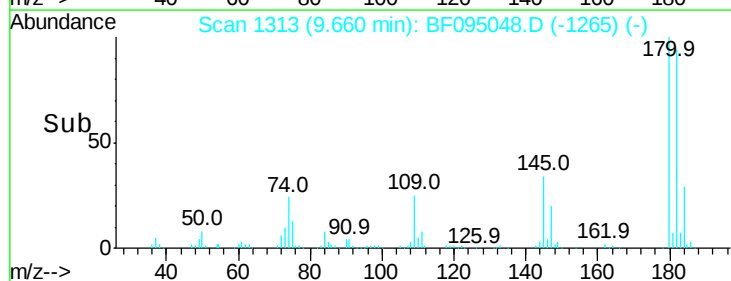
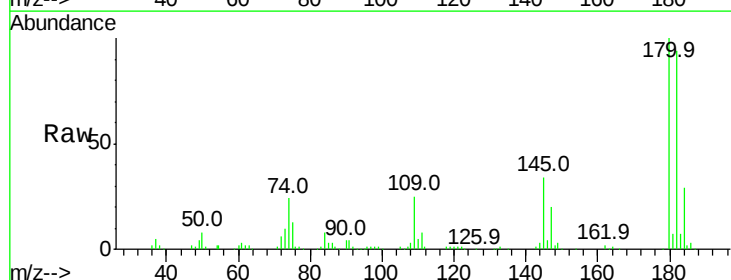
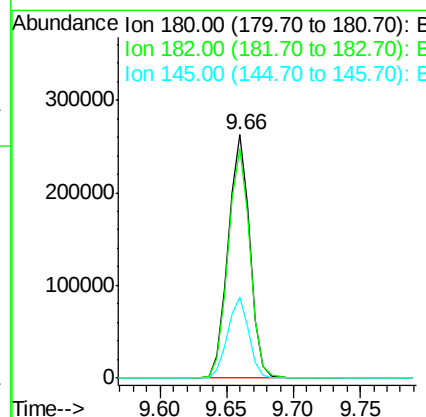
Manual Integrations  
 APPROVED

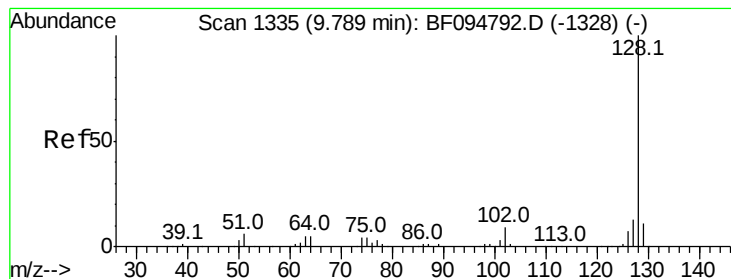
mohammad  
 5/10/2017 11:48:01 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.11 ng  
 RT: 9.66 min Scan# 1313  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 301949 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.5  | 75.8  | 113.6  |
| 145       | 33.5  | 25.3  | 37.9   |





#31

Naphthalene

Concen: 39.01 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

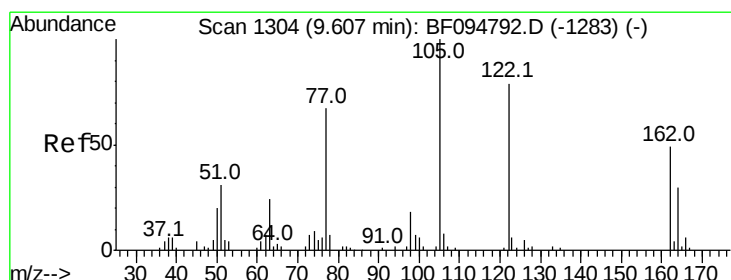
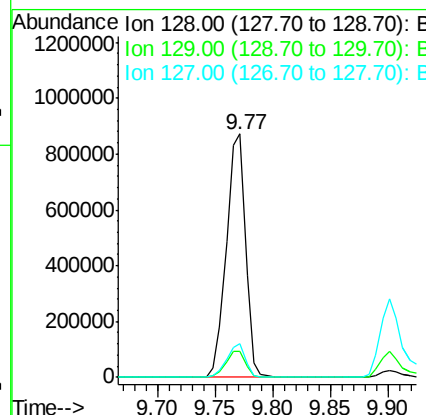
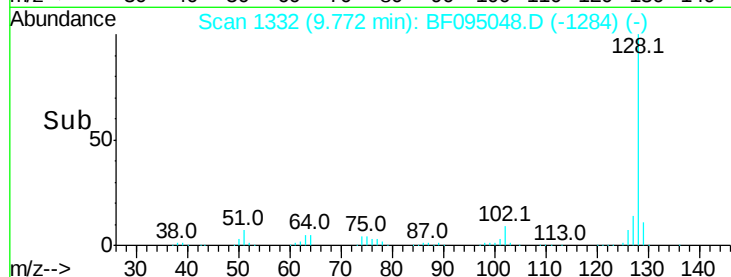
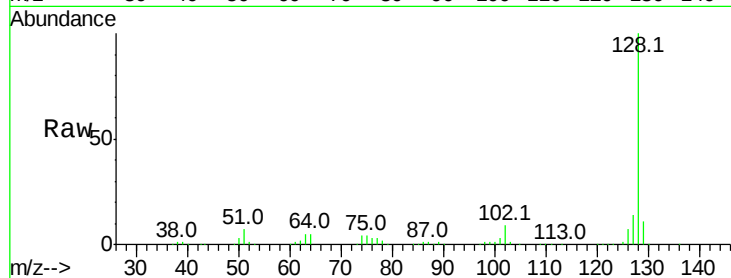
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 128   | Resp: | 1006047 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 10.6  | 9.0   | 13.6    |
| 127      | 13.6  | 10.8  | 16.2    |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#32

Benzoic acid

Concen: 35.49 ng

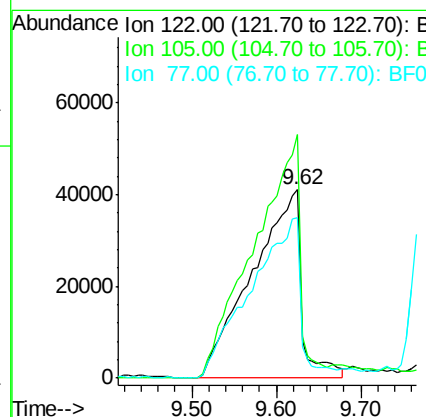
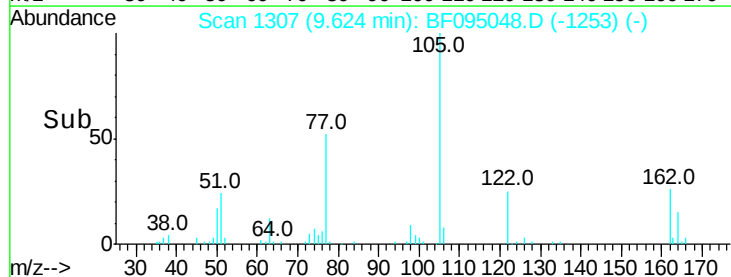
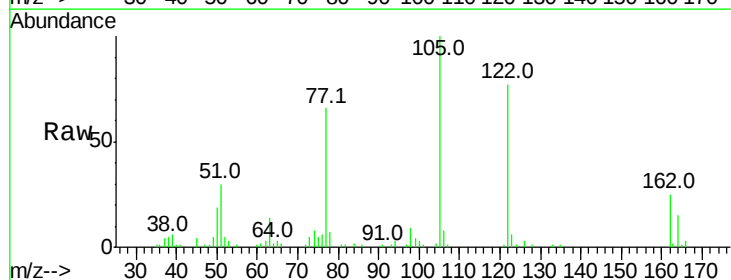
RT: 9.62 min Scan# 1307

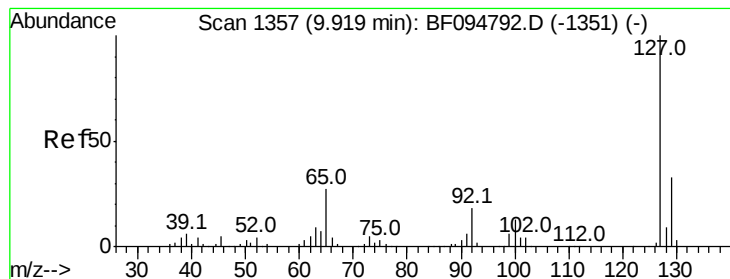
Delta R.T. 0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 166170 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 129.1 | 103.3 | 143.3  |
| 77       | 85.1  | 73.7  | 113.7  |





#33

4-Chloroaniline

Concen: 42.45 ng

RT: 9.90 min Scan# 1354

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

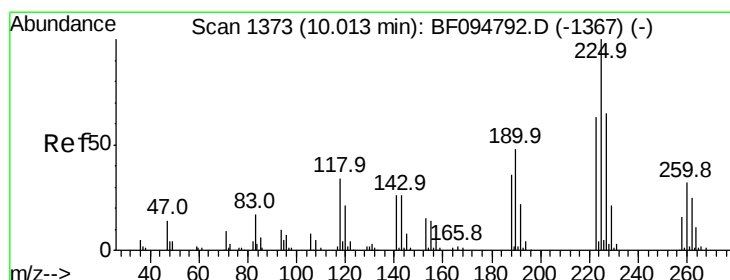
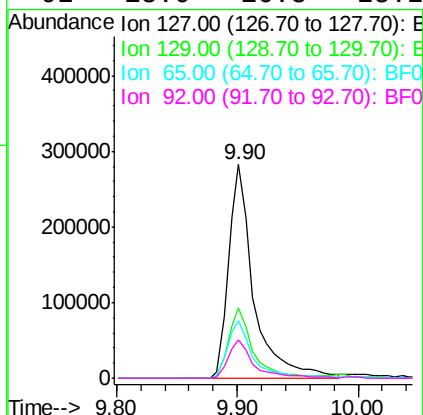
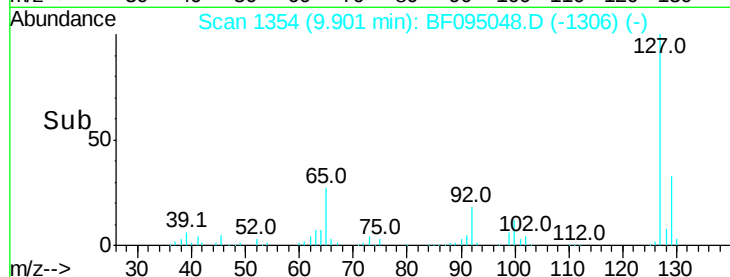
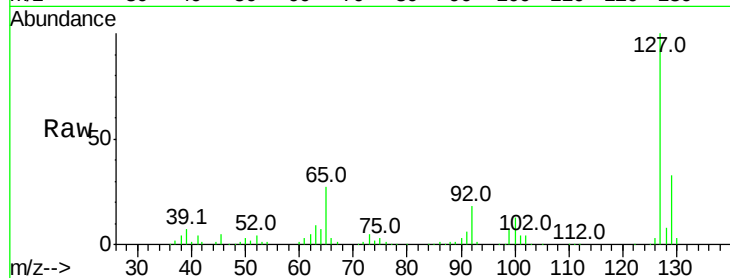
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.9  | 26.2       | 39.2  |
| 65      | 27.1  | 27.8       | 41.8  |
| 92      | 18.0  | 16.8       | 25.2  |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#34

Hexachlorobutadiene

Concen: 38.01 ng

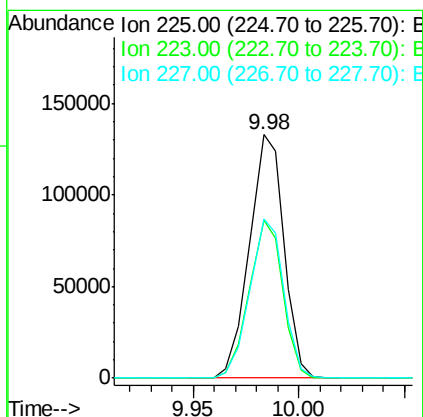
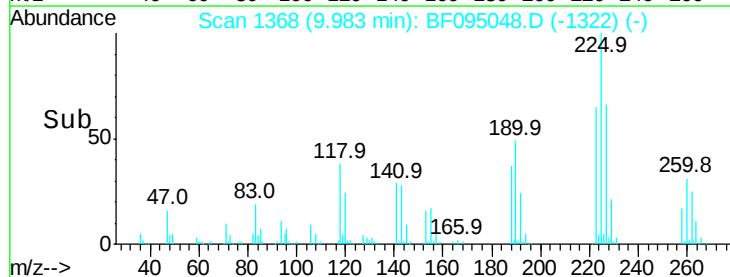
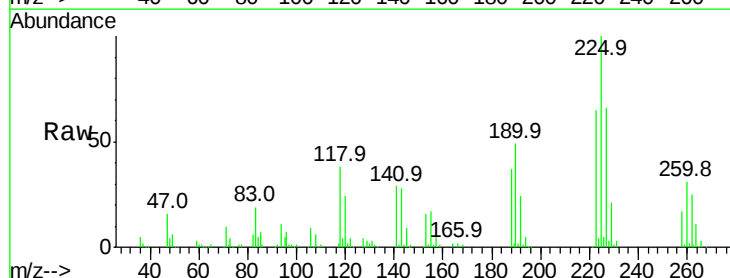
RT: 9.98 min Scan# 1368

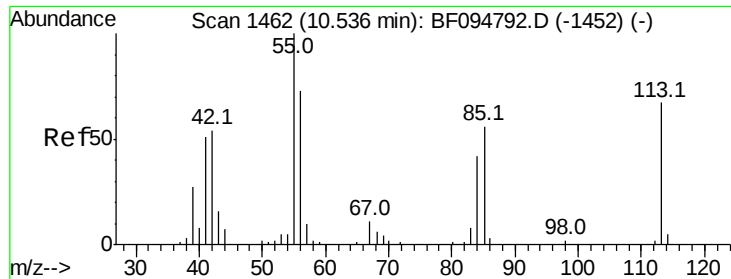
Delta R.T. -0.03 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 64.8  | 48.8       | 73.2  |
| 227     | 65.5  | 51.1       | 76.7  |





#35

Caprolactam

Concen: 43.20 ng

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 91158  
Ion Ratio Lower Upper

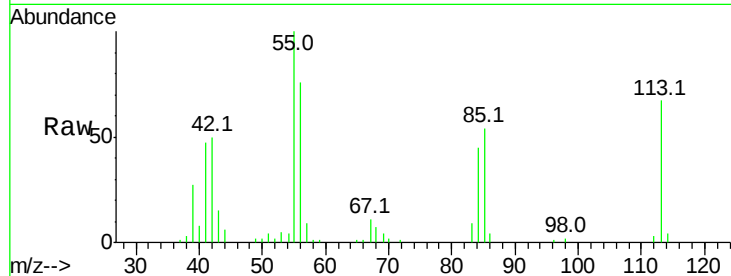
113 100

55 150.1 150.2 190.2#

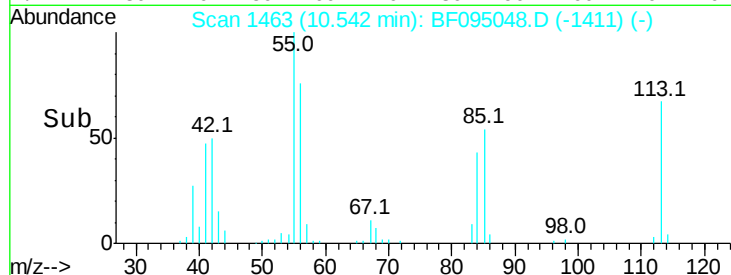
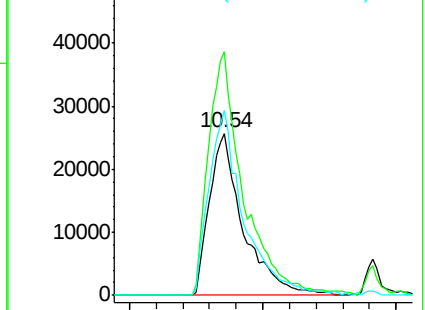
56 113.6 107.8 147.8

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.32 ng

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF095048.D

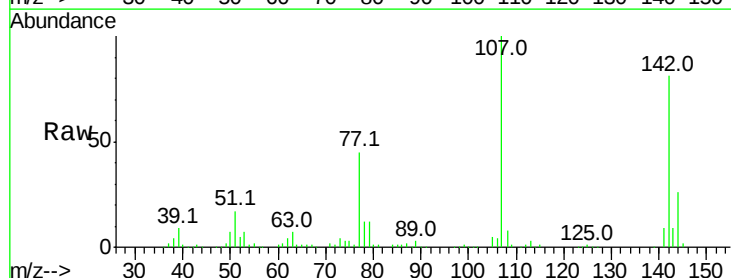
Acq: 10 May 2017 6:16

Tgt Ion:107 Resp: 302916  
Ion Ratio Lower Upper

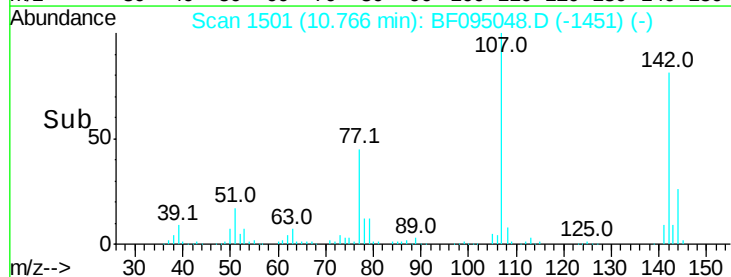
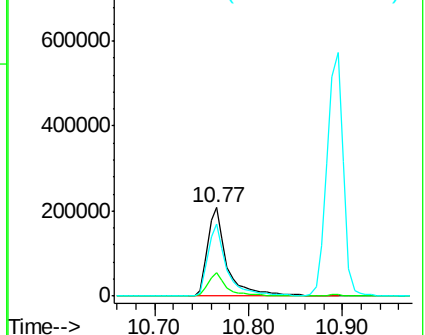
107 100

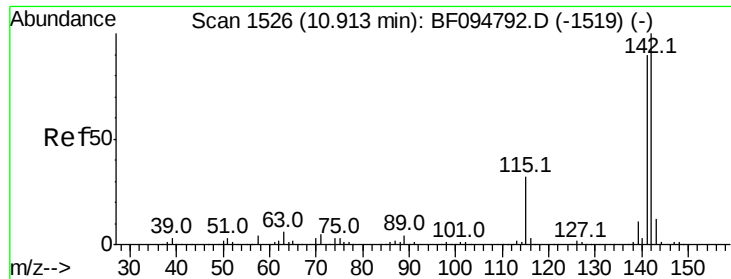
144 26.0 24.2 36.4

142 81.1 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 144.00 (143.70 to 144.70): E  
Ion 142.00 (141.70 to 142.70): E





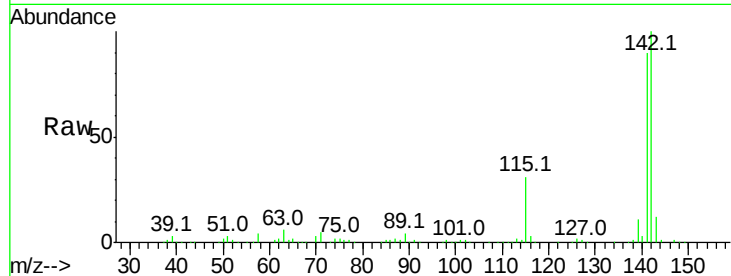
#37  
2-Methylnaphthalene  
Concen: 40.90 ng  
RT: 10.90 min Scan# 1523  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

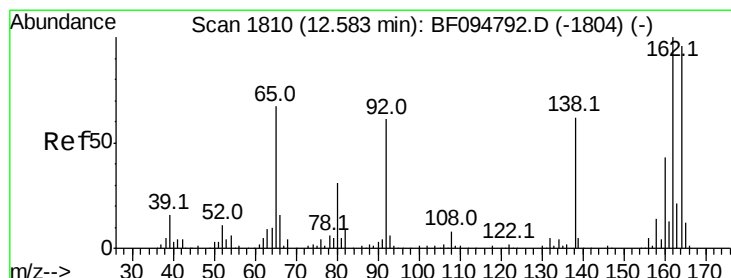
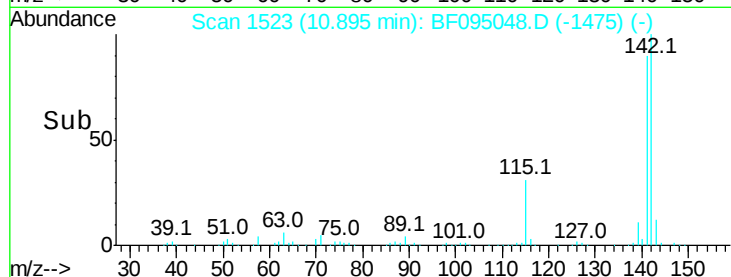
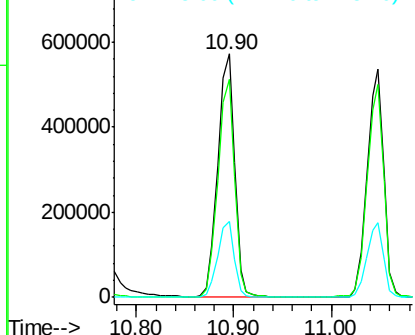
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 71.3  | 106.9 |
| 115     | 31.2  | 27.1  | 40.7  |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



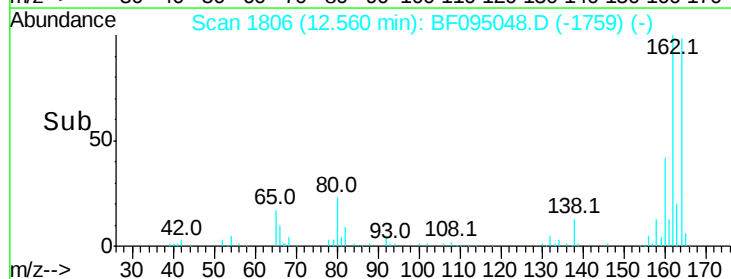
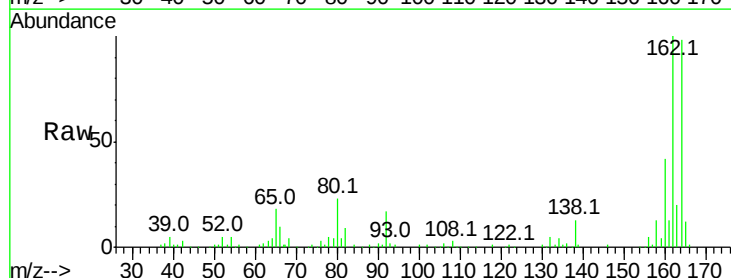
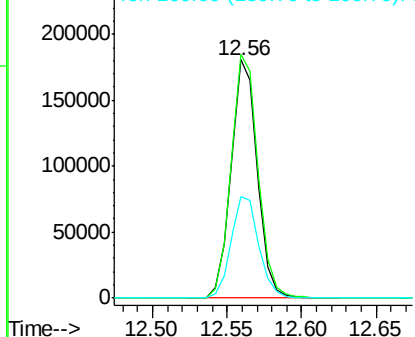
Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.56 min Scan# 1806  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 82.6  | 123.8 |
| 160     | 42.5  | 36.2  | 54.2  |

Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





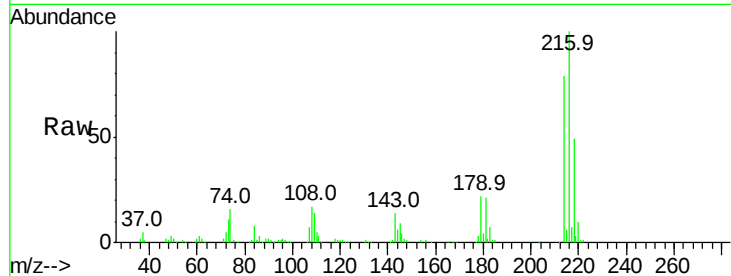
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.13 ng  
RT: 11.17 min Scan# 1570  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

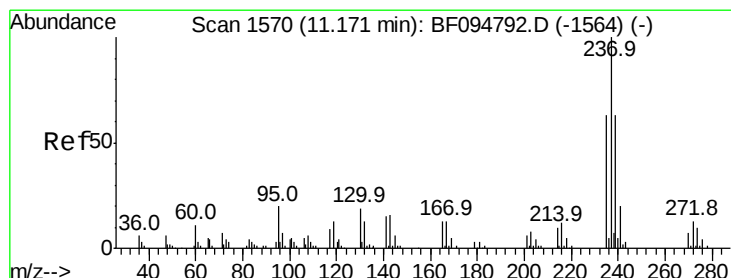
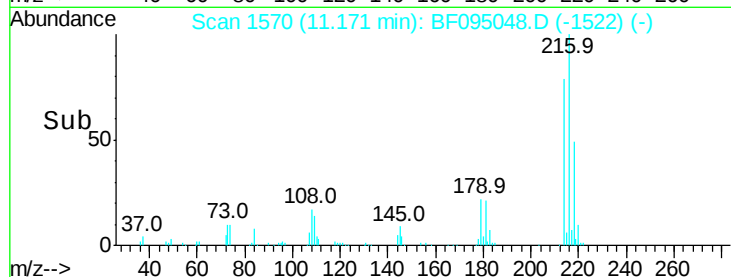
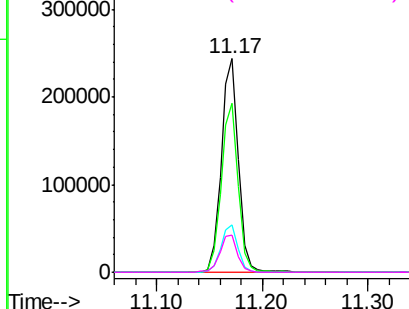
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 274808 |       |       |
| 214     | 78.7  | 63.4   | 95.2  |       |
| 179     | 22.2  | 17.9   | 26.9  |       |
| 108     | 18.4  | 16.5   | 24.7  |       |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM

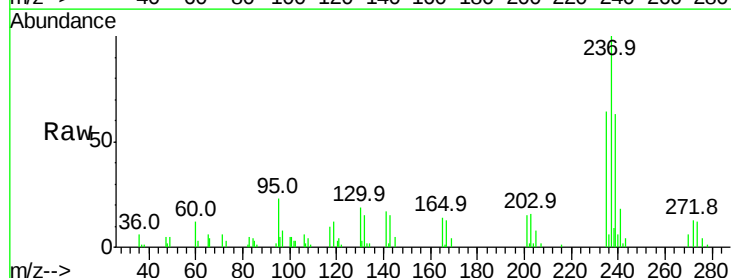


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

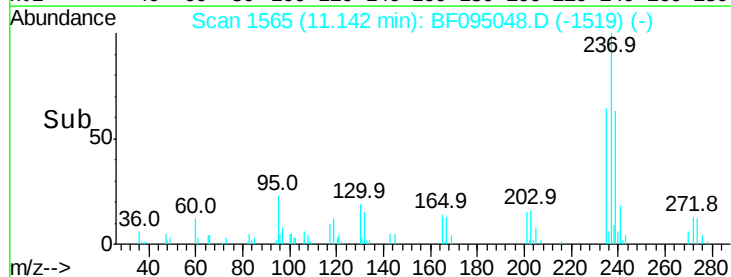
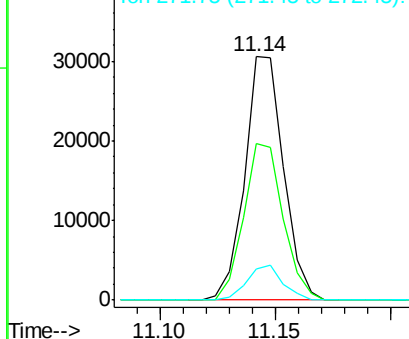


#40  
Hexachlorocyclopentadiene  
Concen: 17.58 ng  
RT: 11.14 min Scan# 1565  
Delta R.T. -0.03 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 35891 |       |       |
| 235     | 64.1  | 42.6  | 82.6  |       |
| 272     | 12.5  | 0.0   | 31.9  |       |



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





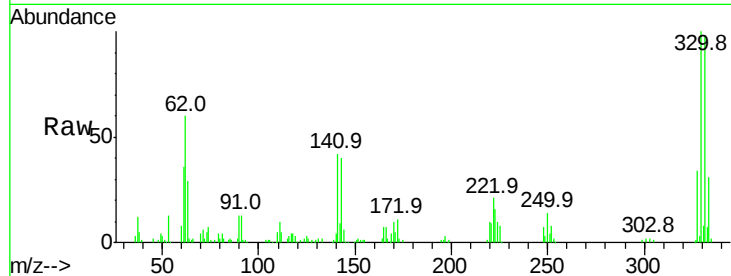
#41  
 2,4,6-Tribromophenol  
 Concen: 77.31 ng  
 RT: 13.86 min Scan# 2027  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

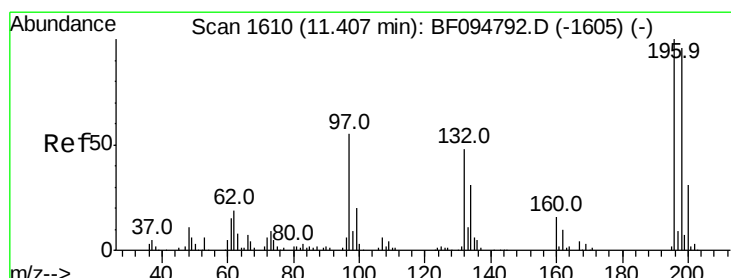
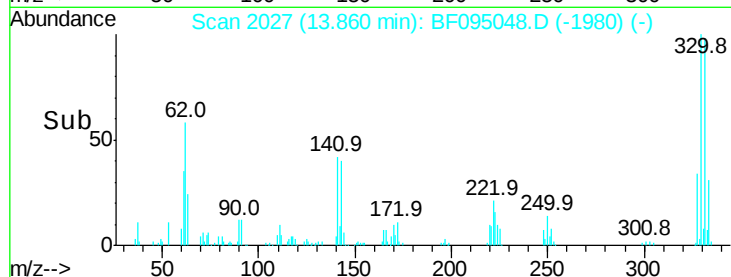
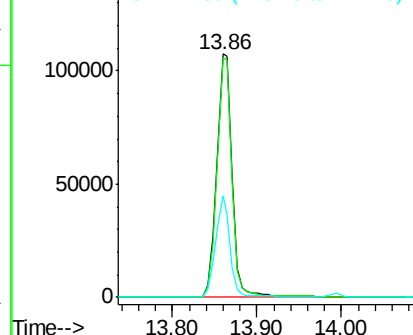
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.5  | 76.6 | 115.0 |       |
| 141     | 39.2  | 31.4 | 47.2  |       |

Manual Integrations  
 APPROVED

mohammad  
 5/10/2017 11:48:01 AM

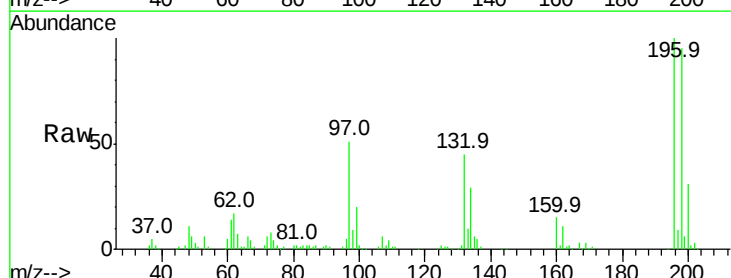


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

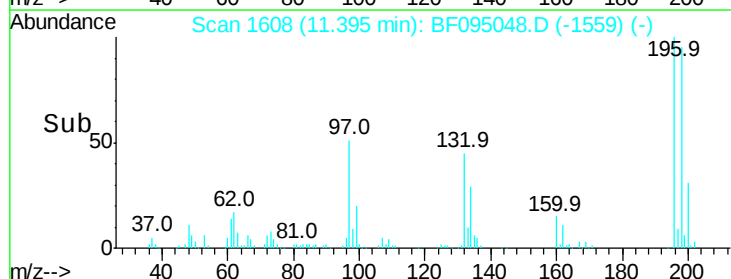
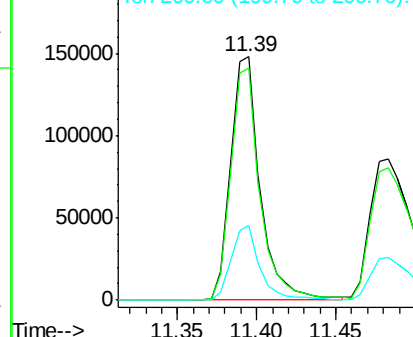


#42  
 2,4,6-Trichlorophenol  
 Concen: 41.69 ng  
 RT: 11.39 min Scan# 1608  
 Delta R.T. -0.01 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 95.5  | 74.2 | 111.4 |       |
| 200     | 30.9  | 24.0 | 36.0  |       |



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





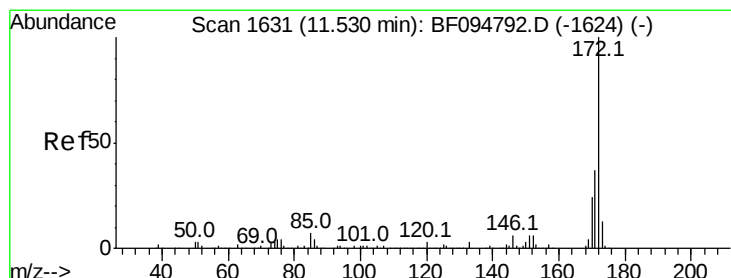
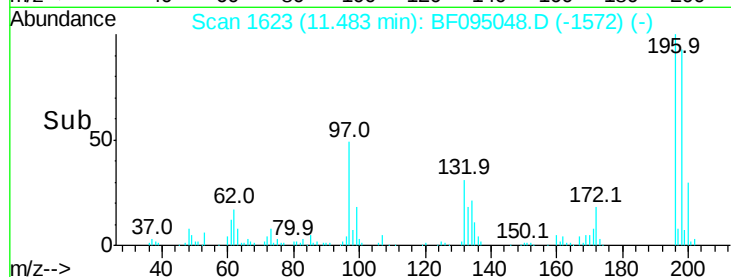
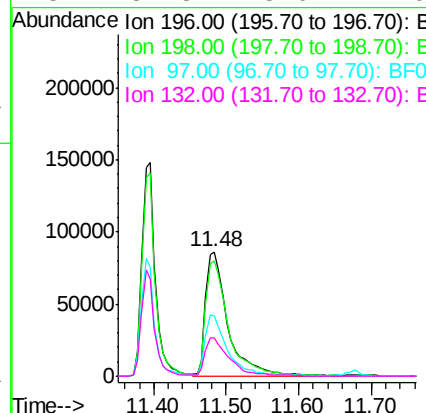
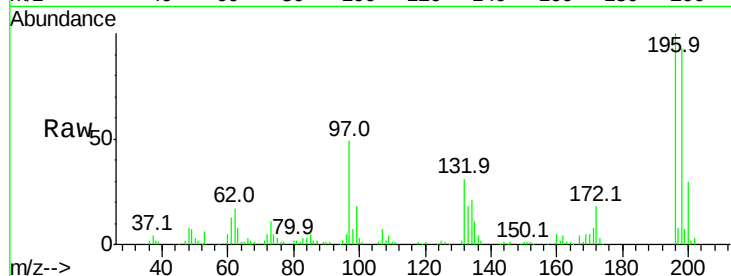
#43  
2,4,5-Trichlorophenol  
Concen: 37.38 ng  
RT: 11.48 min Scan# 1623  
Delta R.T. -0.00 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 183677 |       |       |
| 198     | 93.1  | 75.7   | 113.5 |       |
| 97      | 48.9  | 47.7   | 71.5  |       |
| 132     | 31.3  | 28.0   | 42.0  |       |

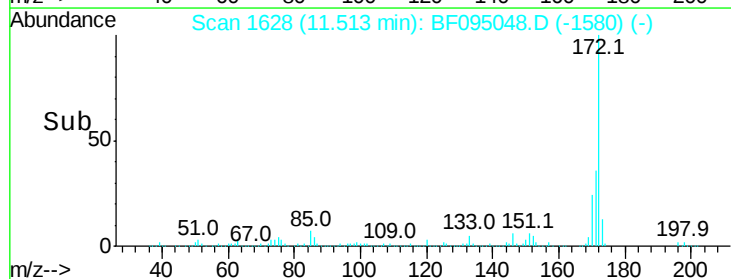
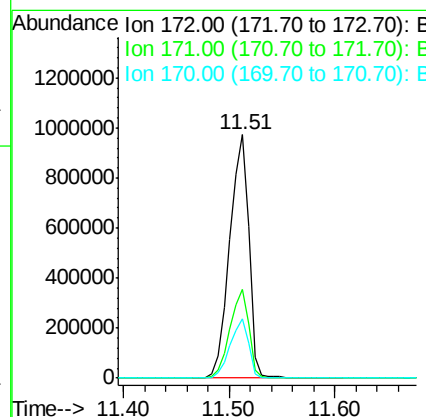
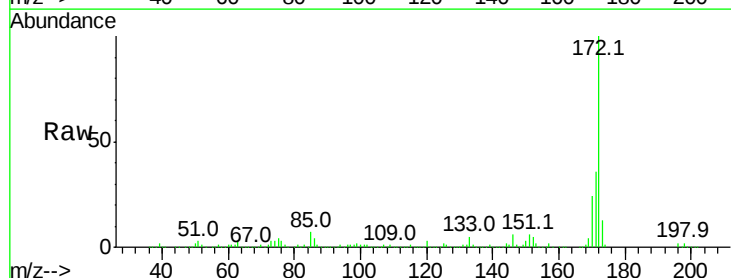
Manual Integrations  
APPROVED

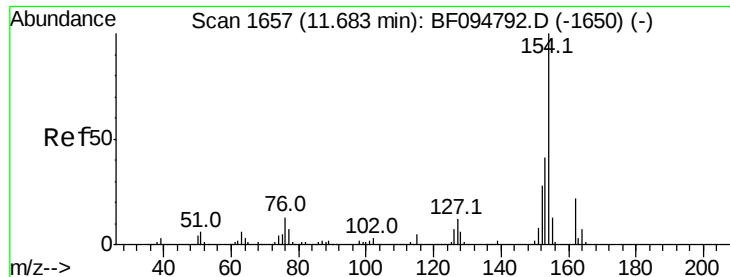
mohammad  
5/10/2017 11:48:01 AM



#44  
2-Fluorobiphenyl  
Concen: 79.17 ng  
RT: 11.51 min Scan# 1628  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1224840 |       |       |
| 171     | 36.2  | 29.6    | 44.4  |       |
| 170     | 24.2  | 19.8    | 29.8  |       |





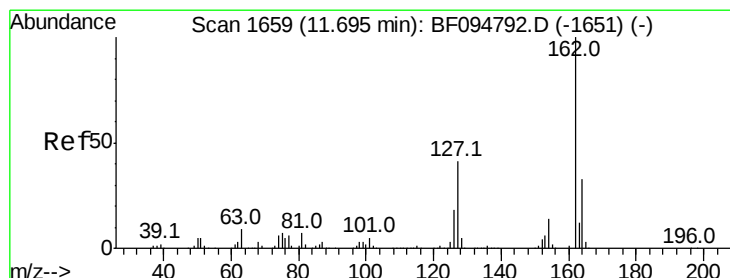
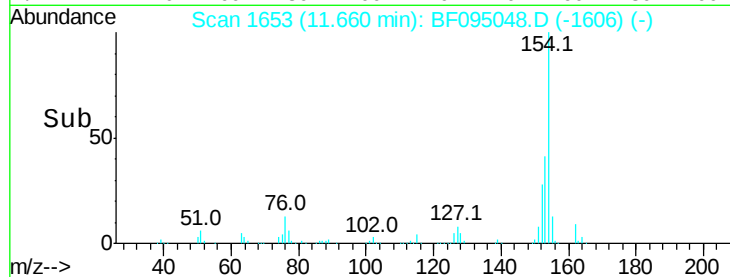
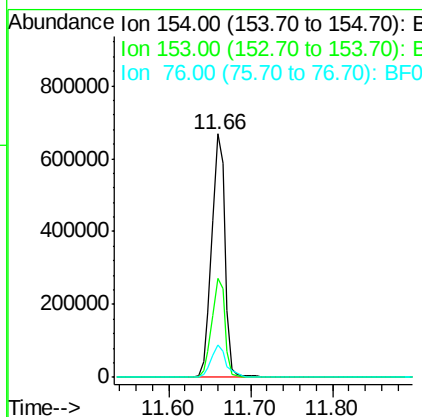
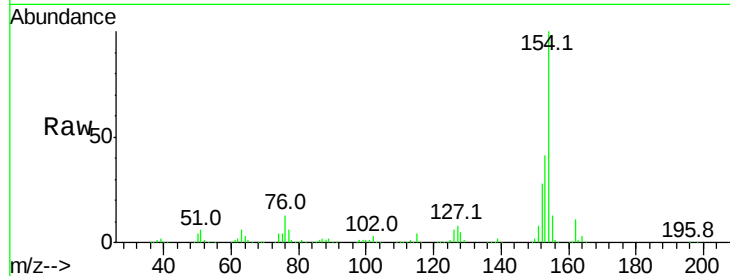
#45  
 1,1'-Biphenyl  
 Concen: 40.49 ng  
 RT: 11.66 min Scan# 1653  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 40.7  | 21.2 | 61.2  |       |
| 76      | 13.2  | 0.0  | 29.9  |       |

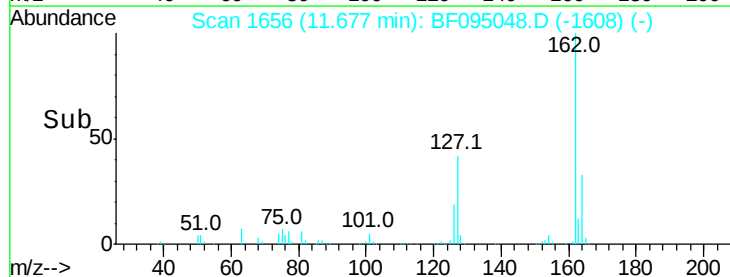
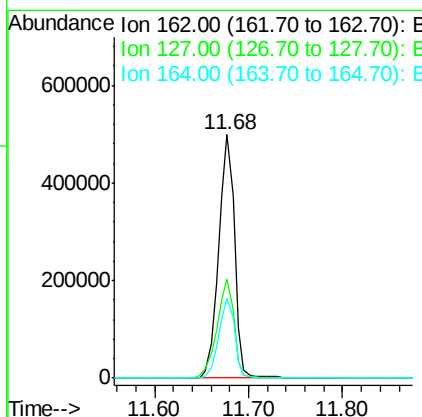
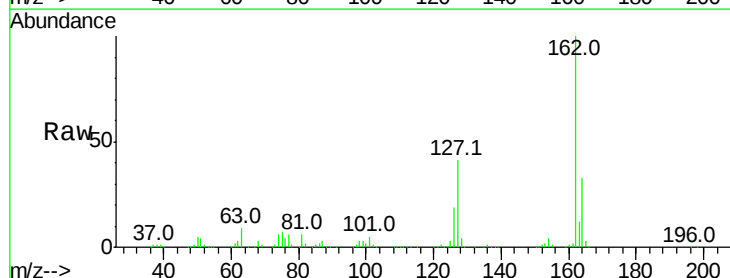
Manual Integrations  
 APPROVED

mohammad  
 5/10/2017 11:48:01 AM



#46  
 2-Chloronaphthalene  
 Concen: 39.19 ng  
 RT: 11.68 min Scan# 1656  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 40.7  | 28.3 | 42.5  |       |
| 164     | 32.7  | 27.0 | 40.4  |       |





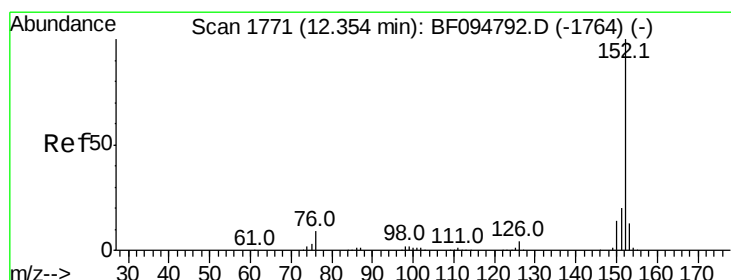
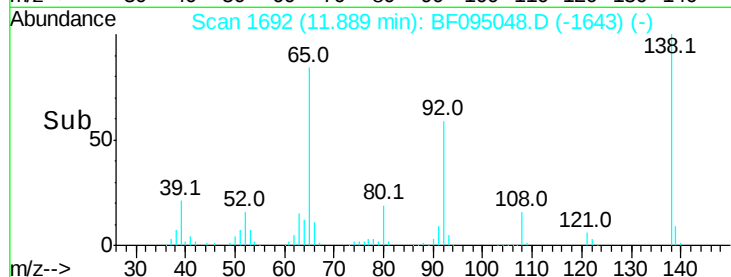
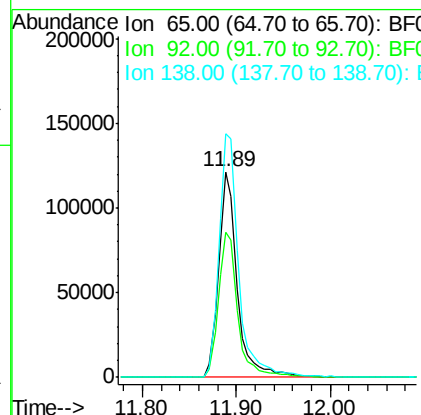
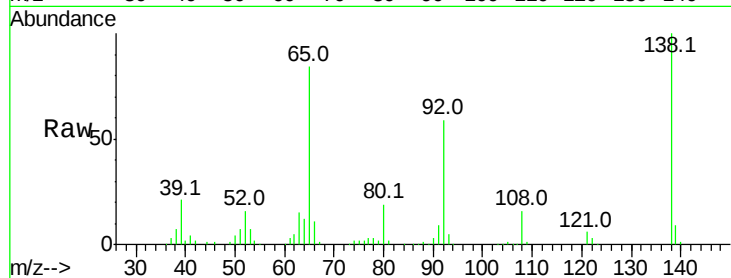
#47  
 2-Nitroaniline  
 Concen: 40.89 ng  
 RT: 11.89 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 70.3  | 53.9  | 80.9   |
| 138     | 118.5 | 78.8  | 118.2# |

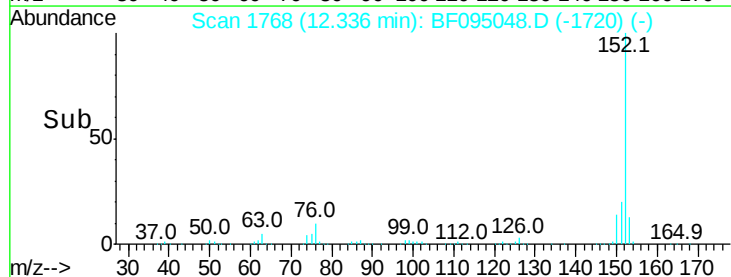
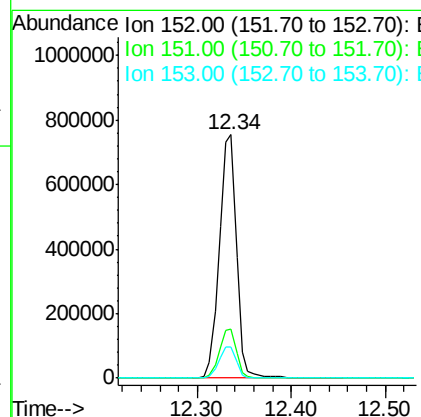
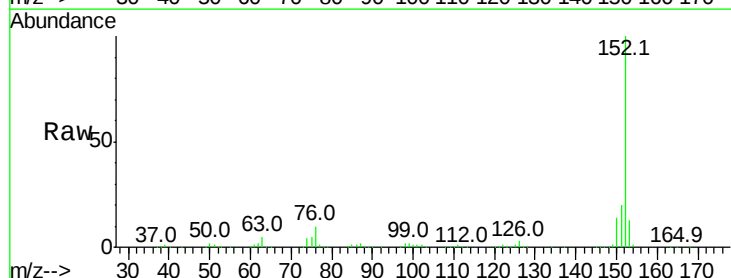
Manual Integrations  
 APPROVED

mohammad  
 5/10/2017 11:48:01 AM



#48  
 Acenaphthylene  
 Concen: 40.72 ng  
 RT: 12.34 min Scan# 1768  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 16.8  | 25.2  |
| 153     | 13.0  | 10.8  | 16.2  |





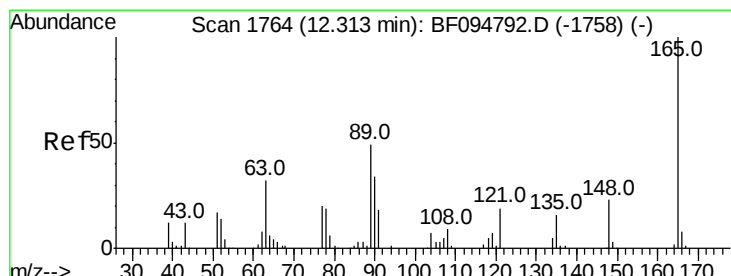
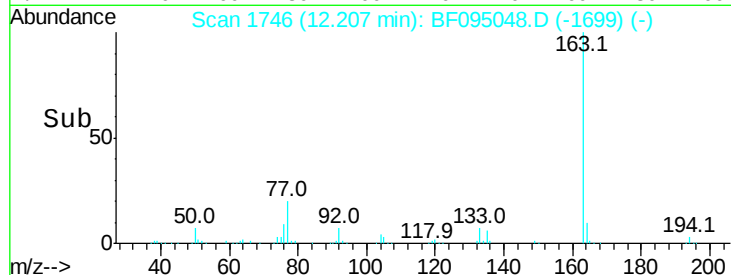
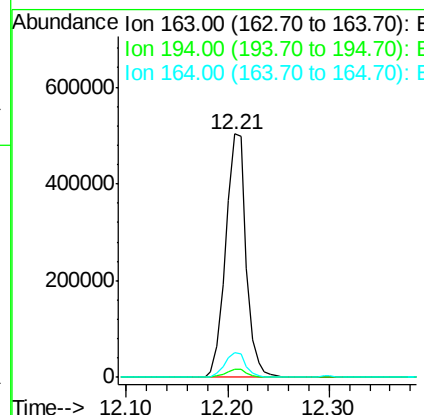
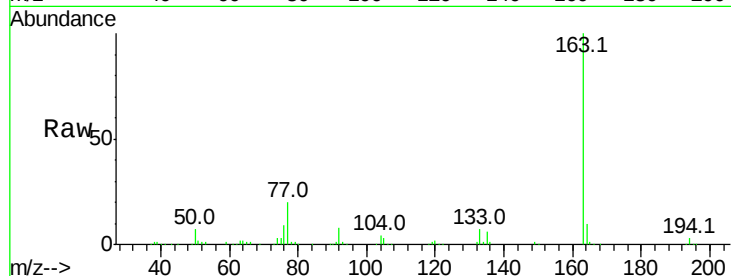
#49  
Dimethylphthalate  
Concen: 38.67 ng  
RT: 12.21 min Scan# 1746  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 3.5   | 2.6  | 4.0   |       |
| 164     | 10.3  | 8.4  | 12.6  |       |

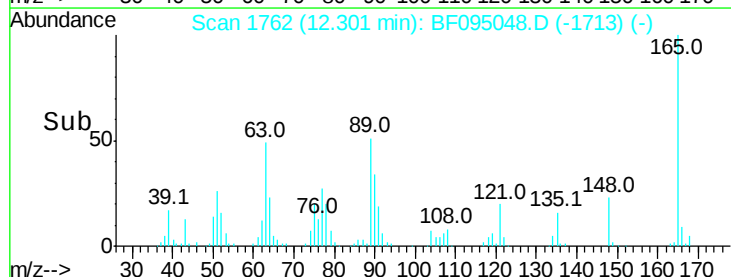
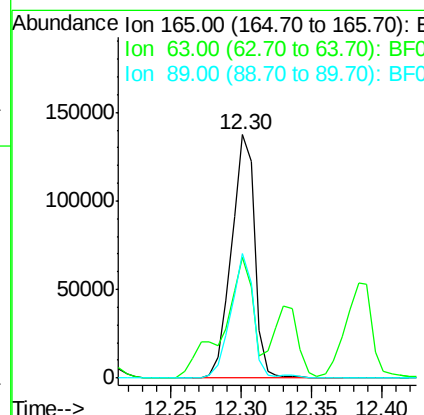
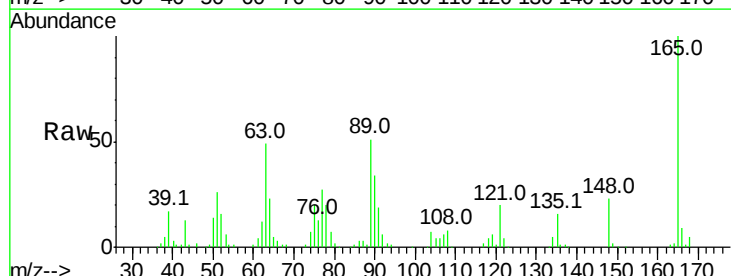
Manual Integrations  
APPROVED

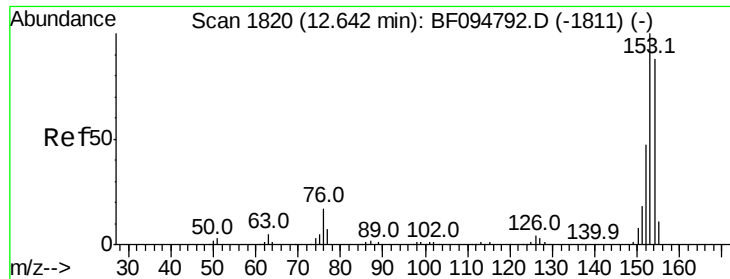
mohammad  
5/10/2017 11:48:01 AM



#50  
2,6-Dinitrotoluene  
Concen: 42.05 ng  
RT: 12.30 min Scan# 1762  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 49.3  | 34.3 | 51.5  |       |
| 89      | 51.0  | 37.1 | 55.7  |       |





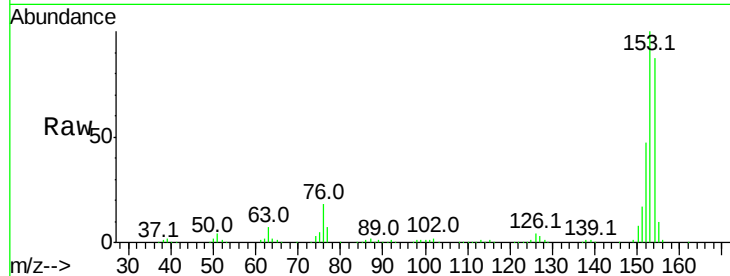
#51  
Acenaphthene  
Concen: 40.12 ng  
RT: 12.62 min Scan# 1816  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

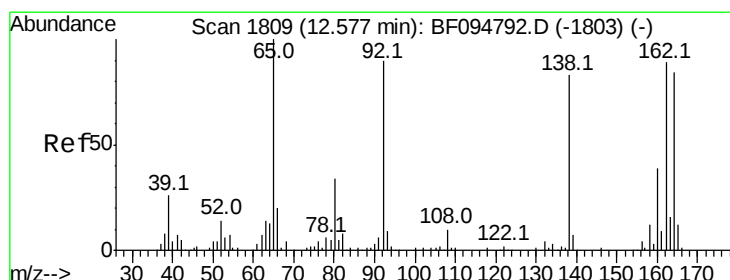
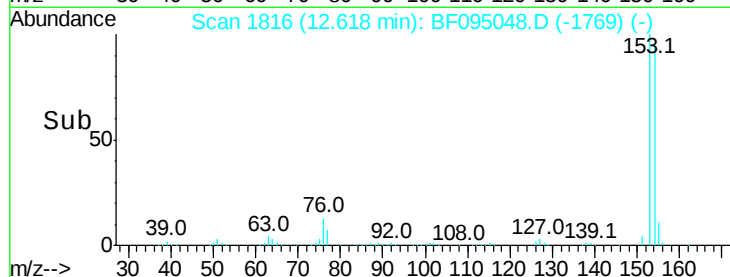
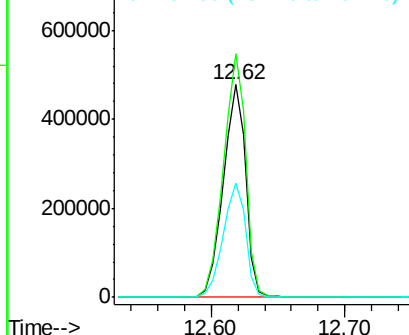
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.6 | 90.5  | 135.7 |
| 152     | 53.6  | 43.6  | 65.4  |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM

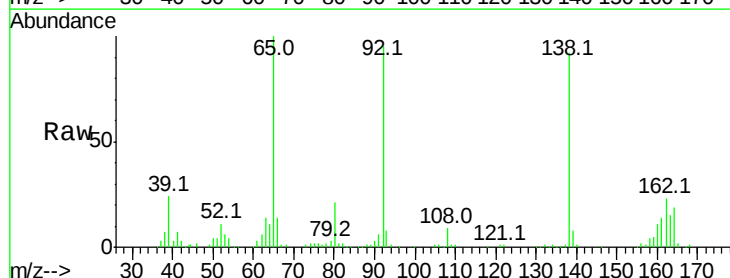


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

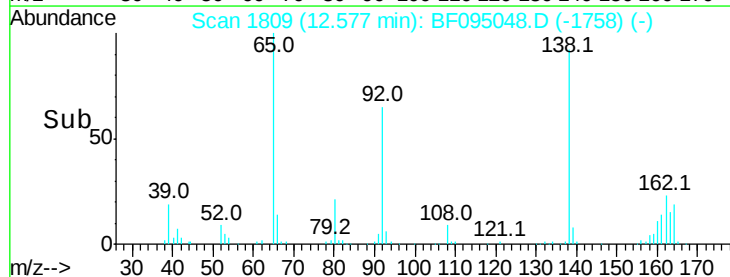
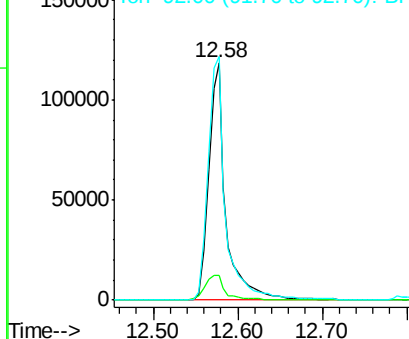


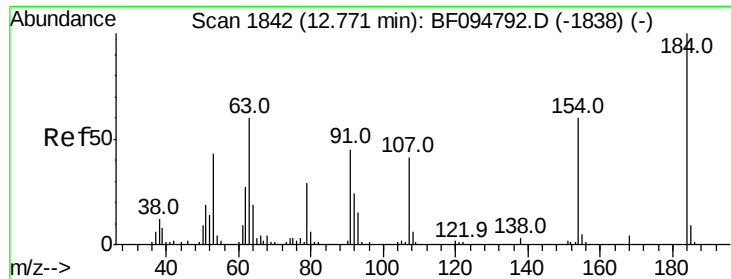
#52  
3-Nitroaniline  
Concen: 42.03 ng  
RT: 12.58 min Scan# 1809  
Delta R.T. -0.00 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.2  | 9.1   | 13.7  |
| 92      | 102.4 | 93.8  | 140.6 |



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





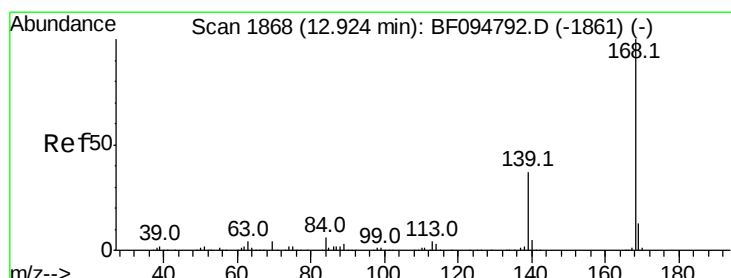
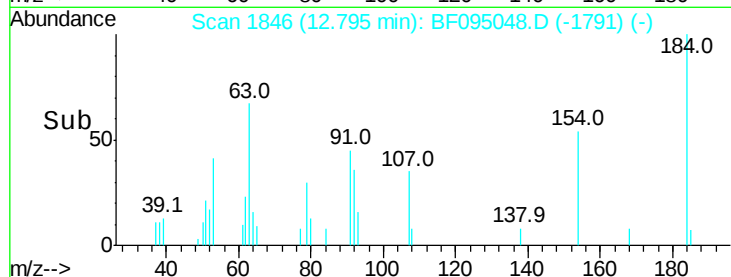
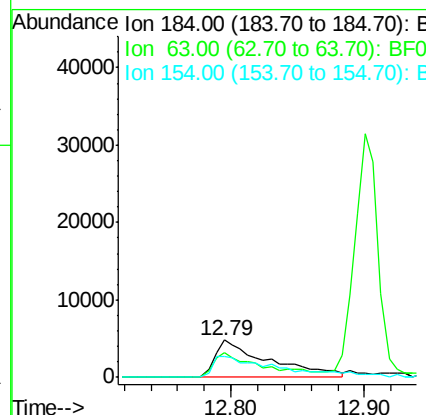
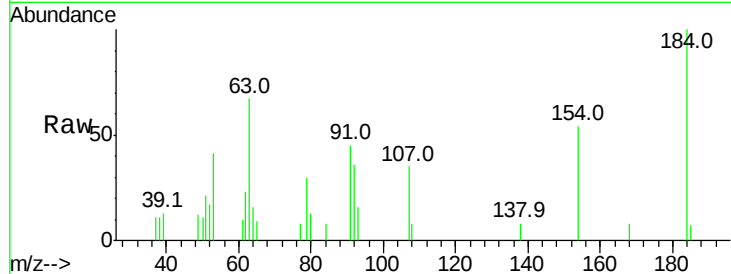
#53  
 2,4-Dinitrophenol  
 Concen: 12.25 ng  
 RT: 12.79 min Scan# 1846  
 Delta R.T. 0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 66.9  | 62.7 | 94.1  |       |
| 154     | 54.4  | 81.1 | 121.7 |       |

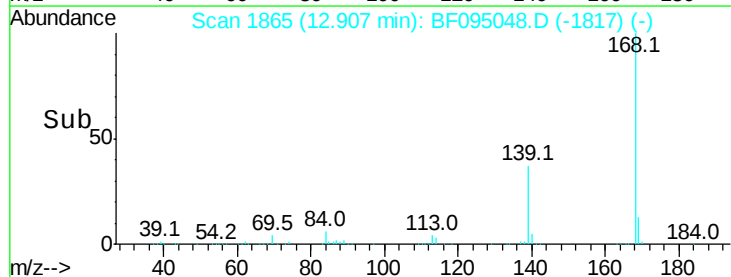
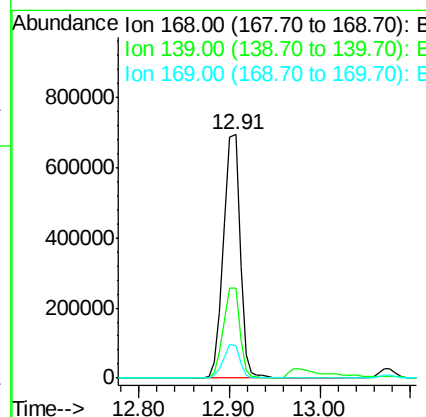
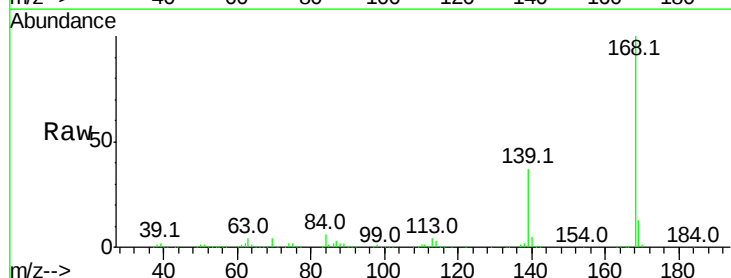
Manual Integrations  
 APPROVED

mohammad  
 5/10/2017 11:48:01 AM



#54  
 Dibenzofuran  
 Concen: 44.95 ng  
 RT: 12.91 min Scan# 1865  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 37.2  | 30.6 | 45.8  |       |
| 169     | 13.4  | 10.8 | 16.2  |       |





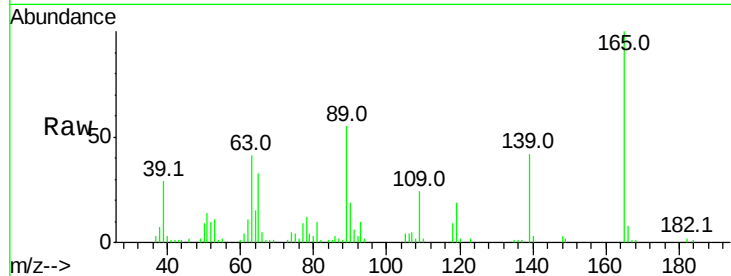
#55  
4-Nitrophenol  
Concen: 37.63 ng/mL  
RT: 12.98 min Scan# 1877  
Delta R.T. 0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 57.6  | 34.1 | 74.1  |       |
| 65      | 80.4  | 31.4 | 71.4  |       |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM

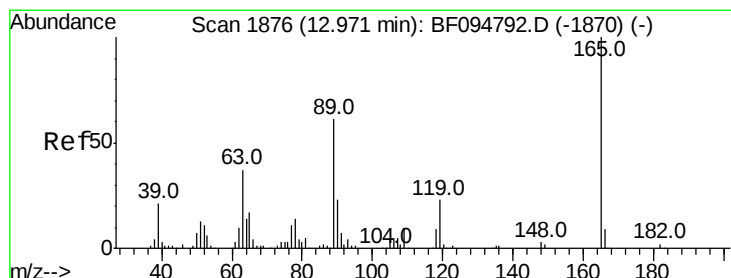
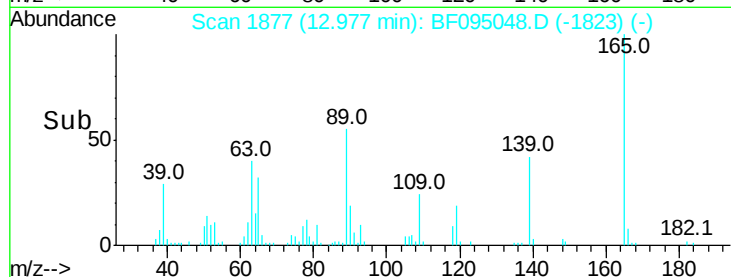
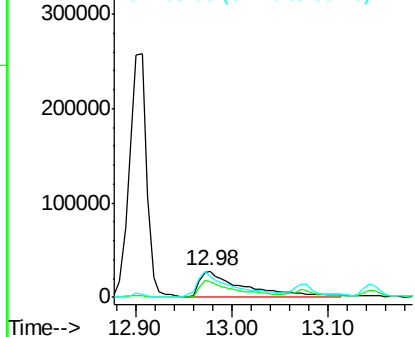


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56  
2,4-Dinitrotoluene  
Concen: 43.83 ng/mL  
RT: 12.97 min Scan# 1875  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 40.8  | 25.4 | 38.0  |       |
| 89      | 65.2  | 46.4 | 69.6  |       |
| 182     | 2.6   | 1.8  | 2.6   |       |

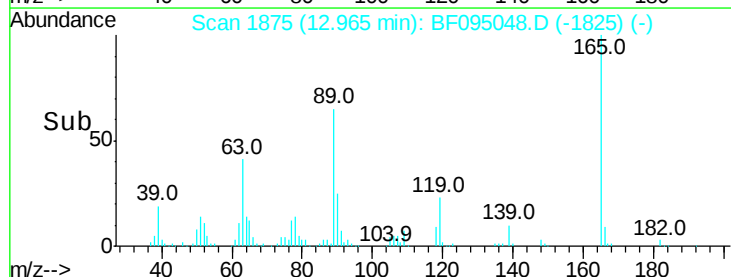
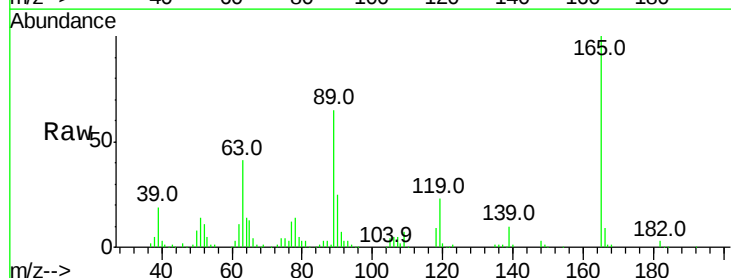
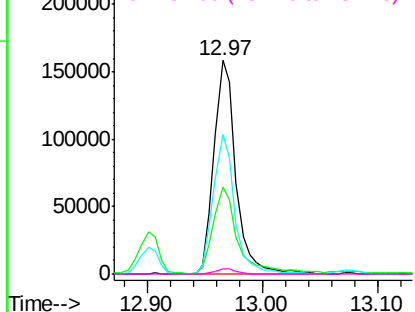
Abundance

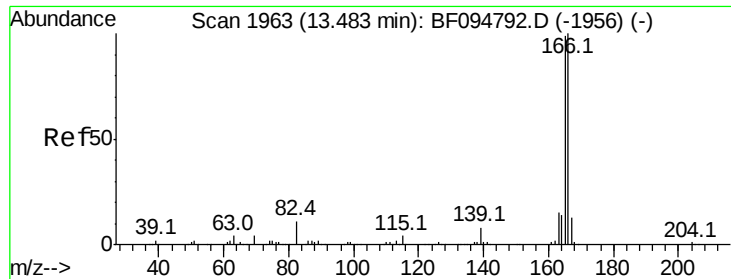
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





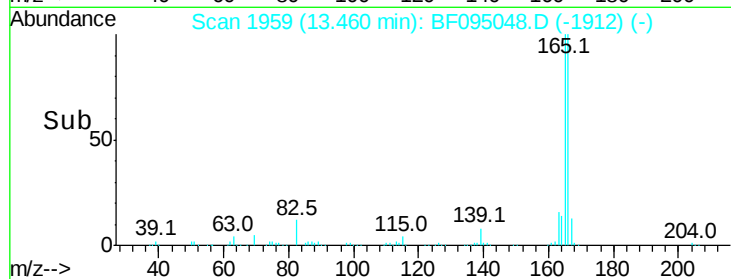
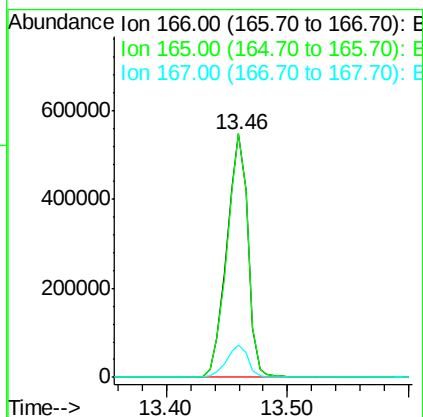
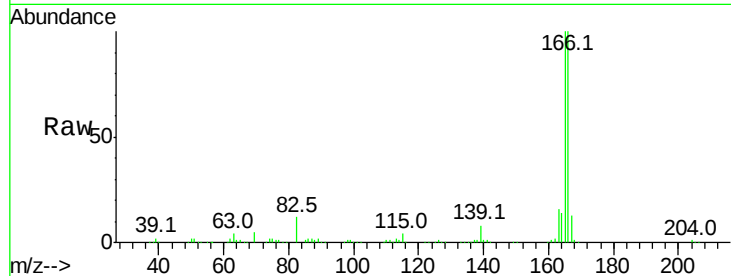
#57  
Fluorene  
Concen: 38.92 ng  
RT: 13.46 min Scan# 1959  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 663292 |       |       |
| 165     | 99.8  | 78.8   | 118.2 |       |
| 167     | 13.4  | 10.6   | 16.0  |       |

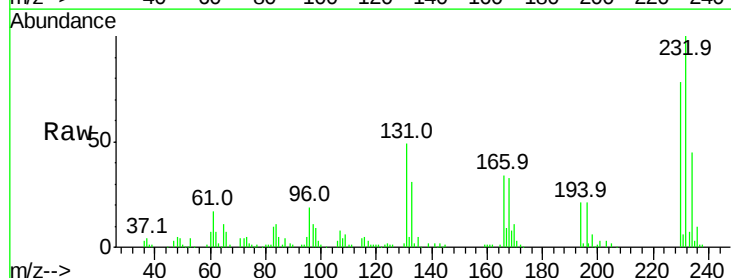
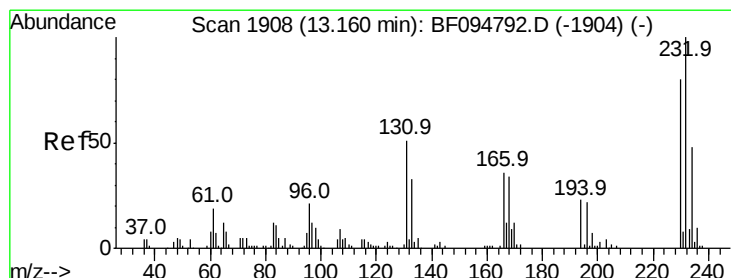
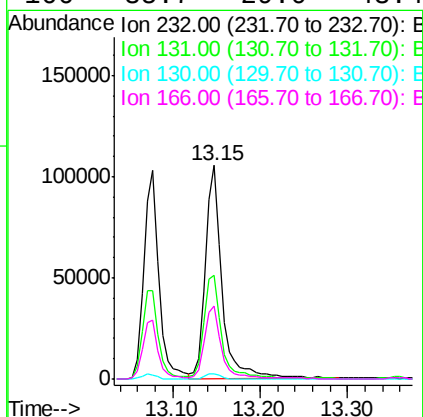
Manual Integrations  
APPROVED

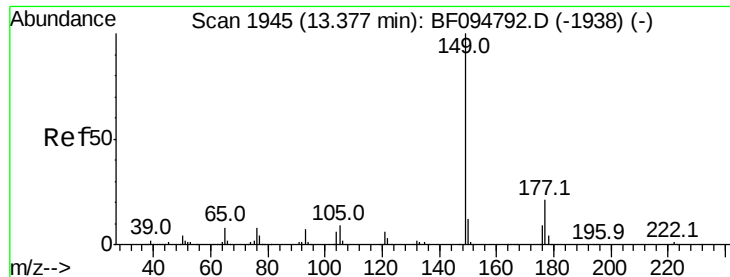
mohammad  
5/10/2017 11:48:01 AM



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 45.06 ng  
RT: 13.15 min Scan# 1906  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 139355 |       |       |
| 131     | 50.7  | 44.8   | 67.2  |       |
| 130     | 2.3   | 2.3    | 3.5#  |       |
| 166     | 35.7  | 29.0   | 43.4  |       |





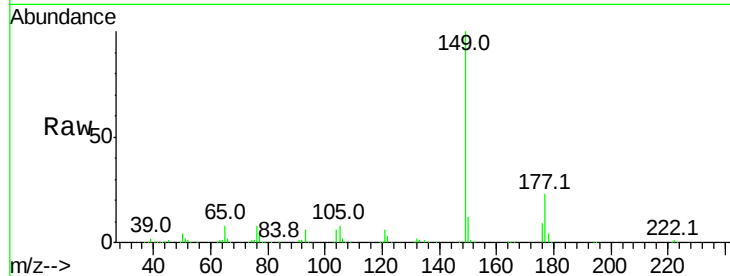
#59  
Diethylphthalate  
Concen: 39.79 ng  
RT: 13.36 min Scan# 1942  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

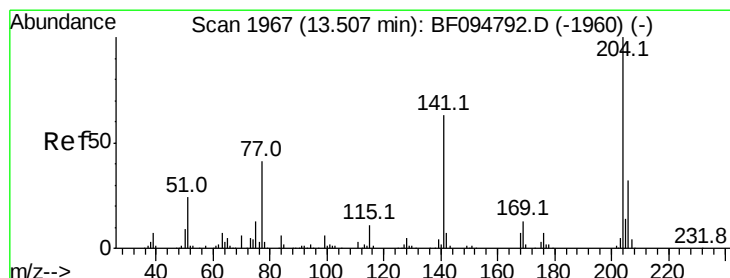
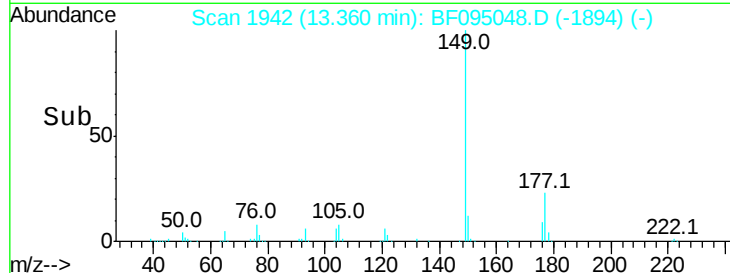
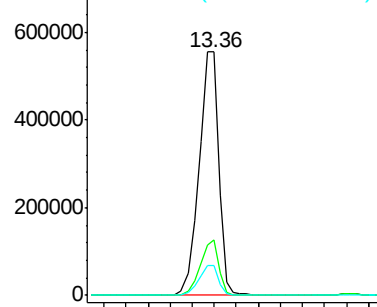
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 697239 |       |       |
| 177     | 22.6  | 16.7   | 25.1  |       |
| 150     | 12.2  | 10.2   | 15.2  |       |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM

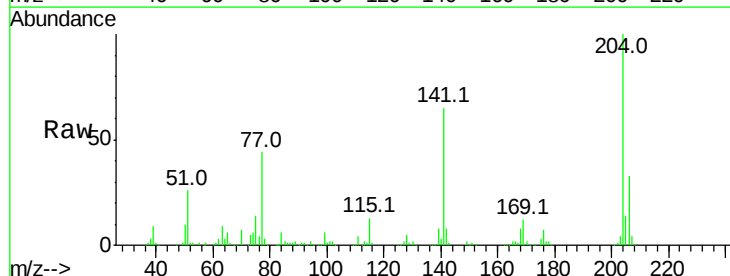


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

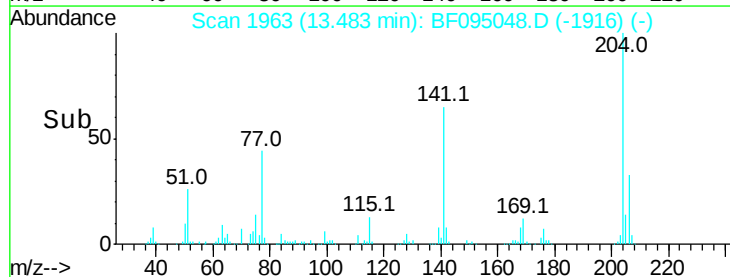
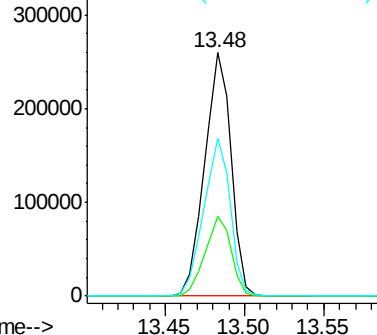


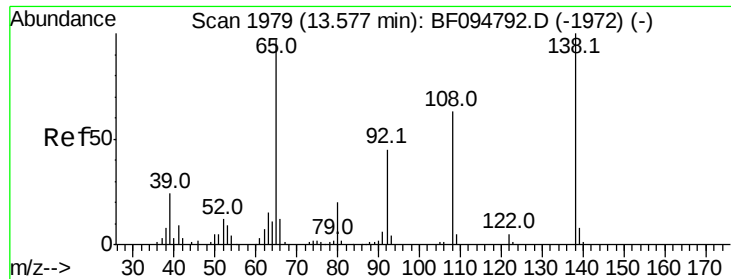
#60  
4-Chlorophenyl-phenylether  
Concen: 40.05 ng  
RT: 13.48 min Scan# 1963  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 299988 |       |       |
| 206     | 32.8  | 26.2   | 39.2  |       |
| 141     | 64.8  | 60.8   | 91.2  |       |



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





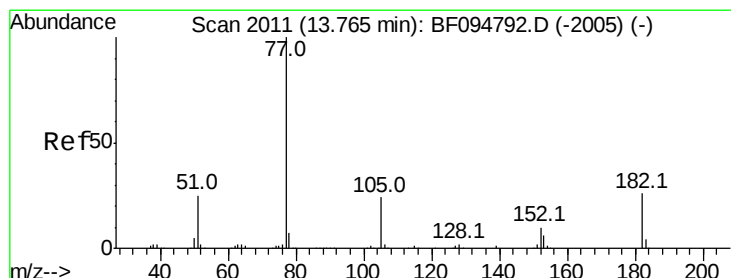
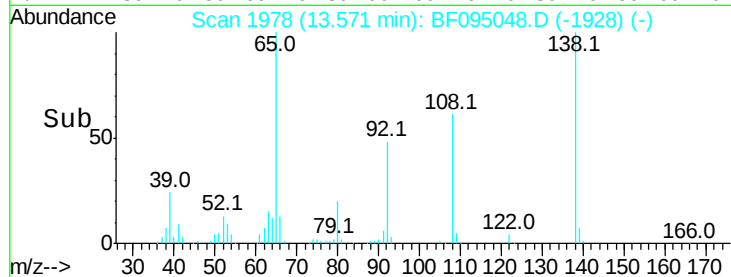
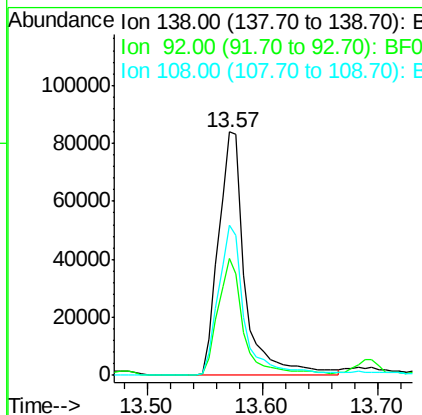
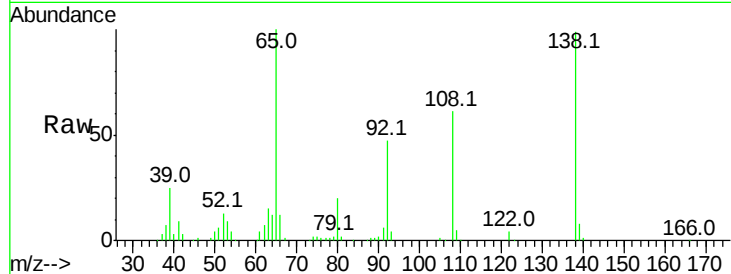
#61  
 4-Nitroaniline  
 Concen: 36.59 ng  
 RT: 13.57 min Scan# 1978  
 Delta R.T. -0.01 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 134472 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 48.1  | 21.8  | 61.8   |
| 108       | 61.6  | 42.3  | 82.3   |

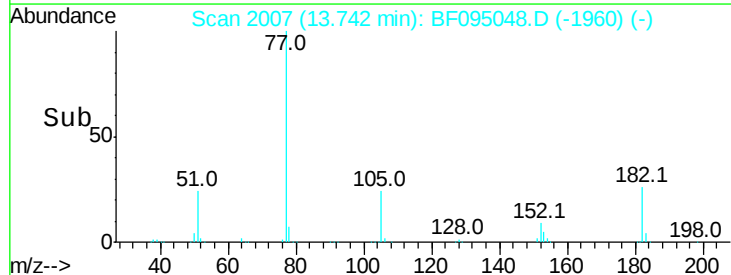
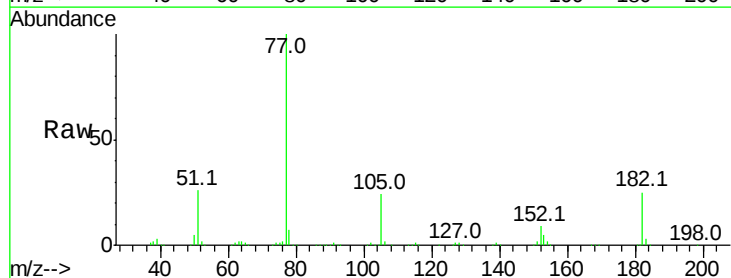
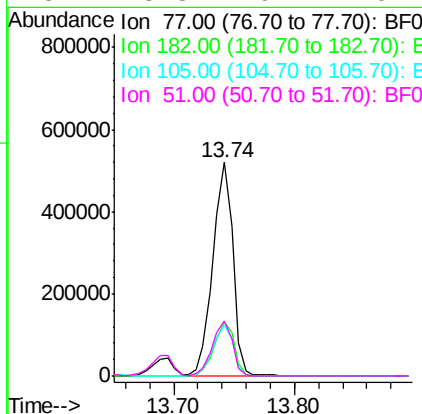
Manual Integrations  
 APPROVED

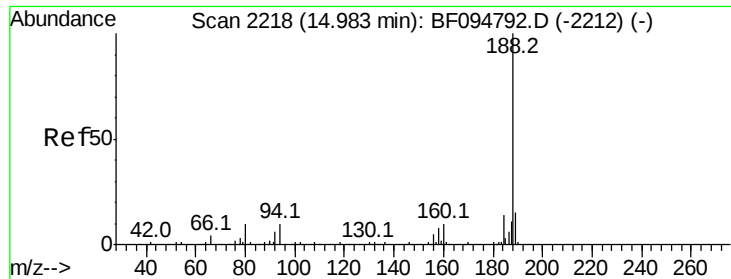
mohammad  
 5/10/2017 11:48:01 AM



#62  
 Azobenzene  
 Concen: 41.83 ng  
 RT: 13.74 min Scan# 2007  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 588906 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 25.3  | 0.1   | 40.1   |
| 105       | 23.7  | 3.6   | 43.6   |
| 51        | 25.8  | 9.4   | 49.4   |





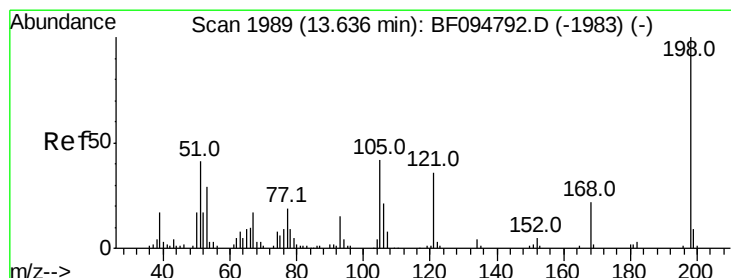
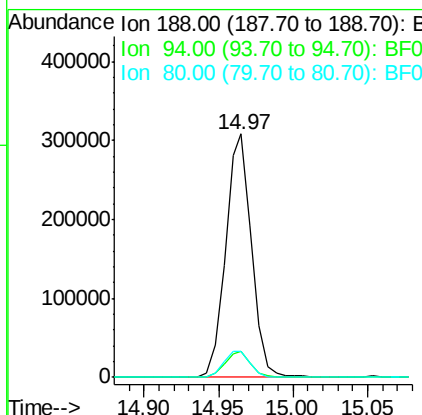
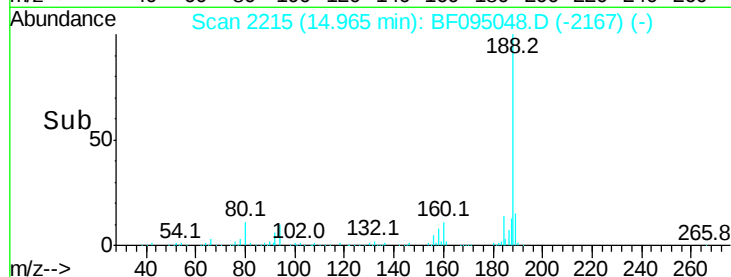
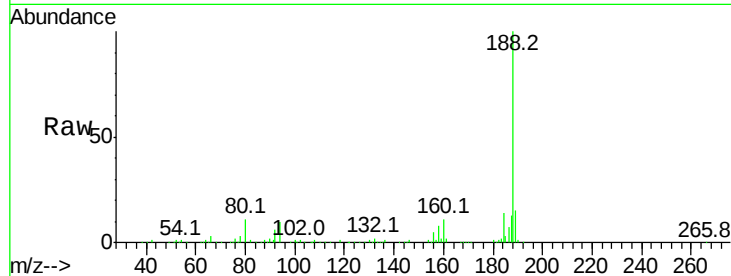
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 14.97 min Scan# 2215  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 374899 |       |       |
| 94      | 10.4  |        | 9.4   | 14.2  |
| 80      | 10.8  |        | 10.2  | 15.2  |

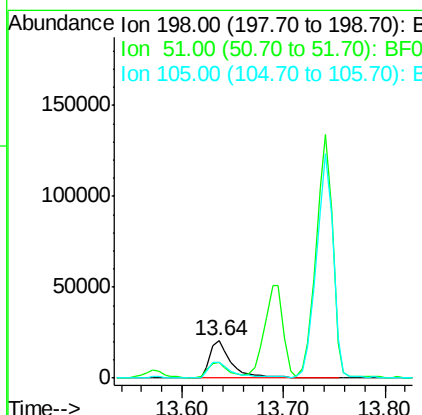
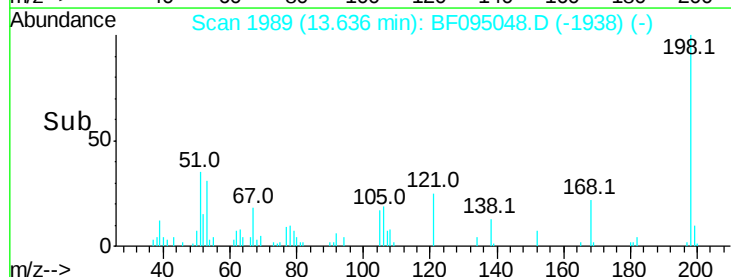
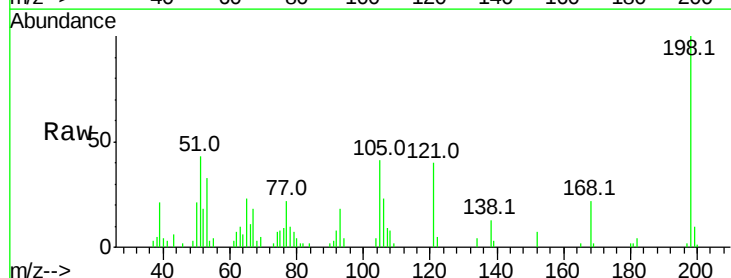
Manual Integrations  
APPROVED

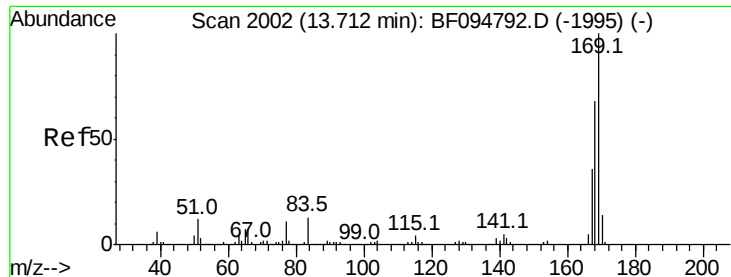
mohammad  
5/10/2017 11:48:01 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 12.40 ng  
RT: 13.64 min Scan# 1989  
Delta R.T. -0.00 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 31173 |       |       |
| 51      | 42.8  |       | 53.2  | 93.2# |
| 105     | 40.9  |       | 45.8  | 85.8# |





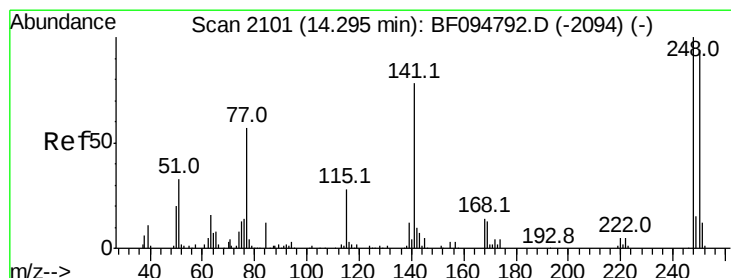
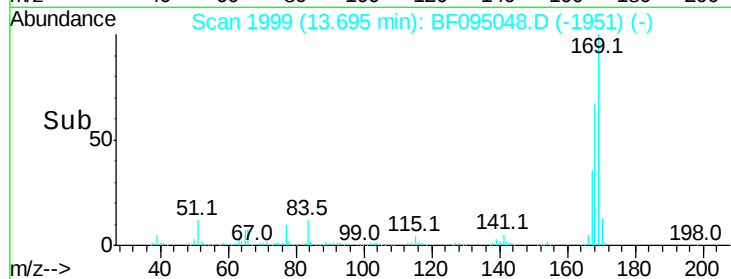
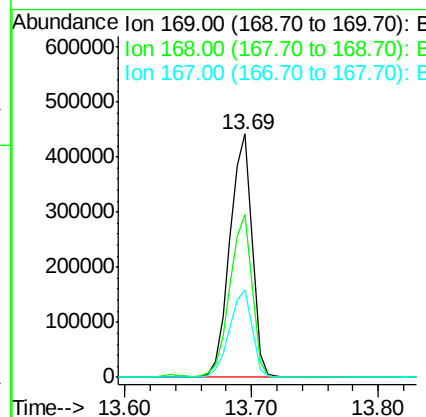
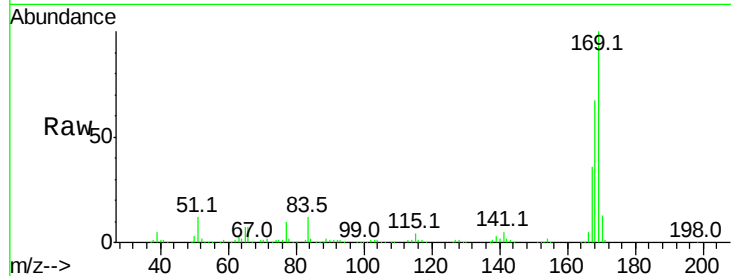
#65  
n-Nitrosodiphenylamine  
Concen: 39.40 ng  
RT: 13.69 min Scan# 1999  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 66.9  | 53.2 | 79.8  |       |
| 167     | 36.0  | 29.5 | 44.3  |       |

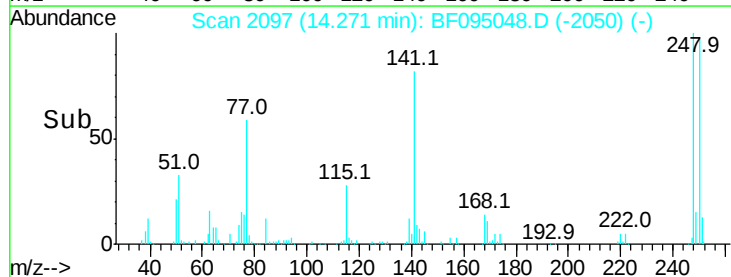
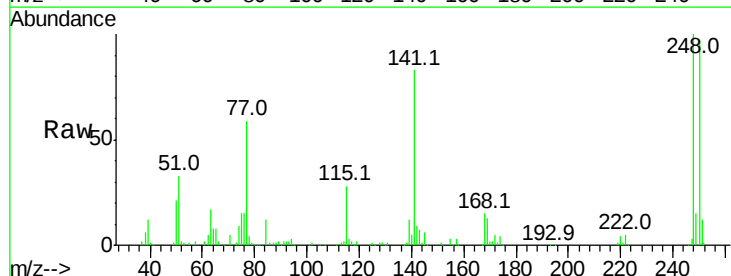
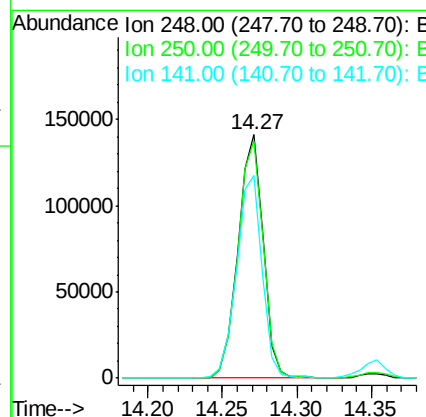
Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#66  
4-Bromophenyl-phenylether  
Concen: 42.07 ng  
RT: 14.27 min Scan# 2097  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 97.2  | 76.8 | 115.2 |       |
| 141     | 83.1  | 68.6 | 103.0 |       |





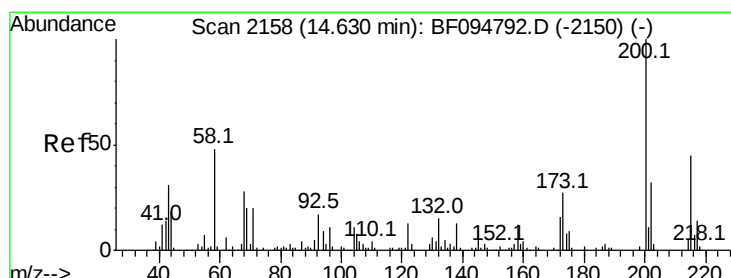
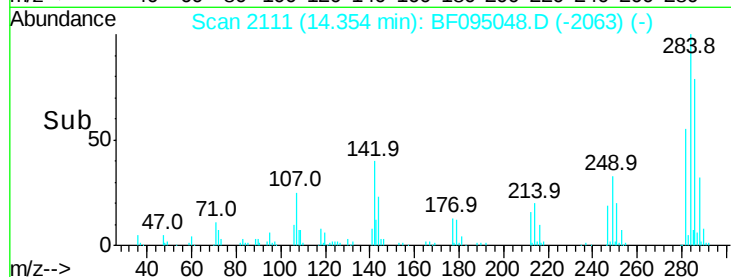
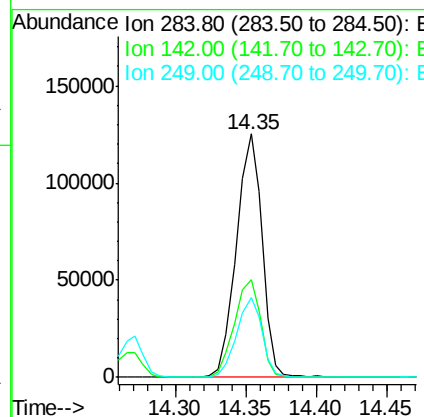
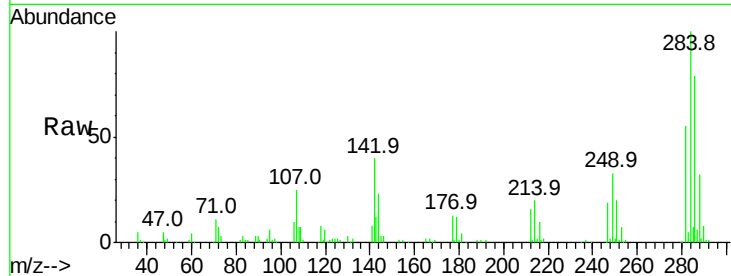
#67  
Hexachlorobenzene  
Concen: 39.20 ng  
RT: 14.35 min Scan# 2111  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 40.0  | 22.8       | 34.2# |
| 249     | 32.5  | 24.0       | 36.0  |

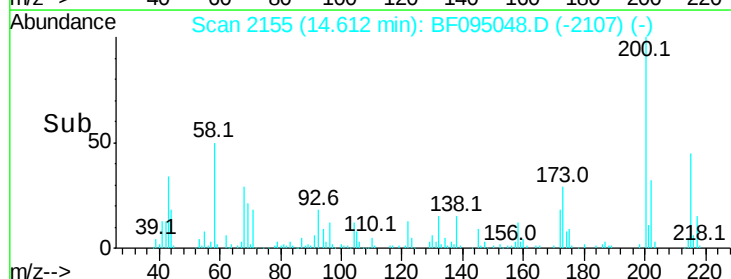
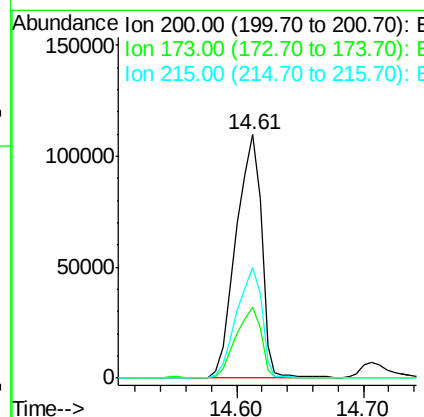
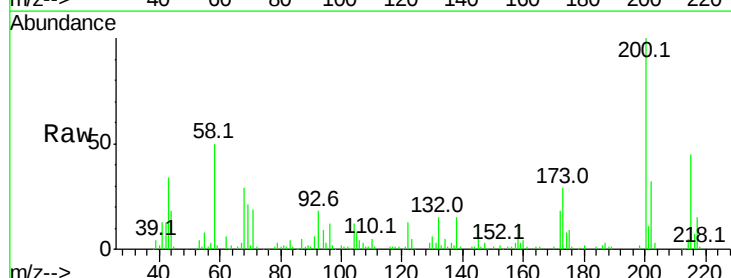
Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#68  
Atrazine  
Concen: 39.79 ng  
RT: 14.61 min Scan# 2155  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 28.9  | 6.3        | 46.3  |
| 215     | 45.3  | 27.2       | 67.2  |





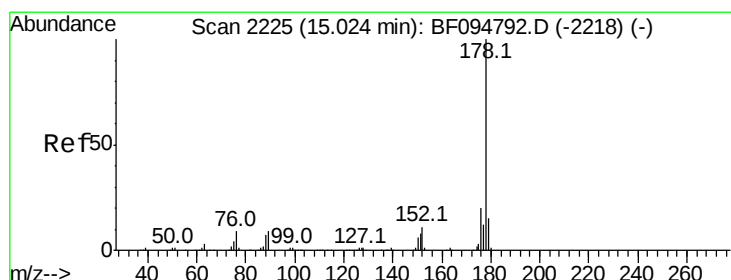
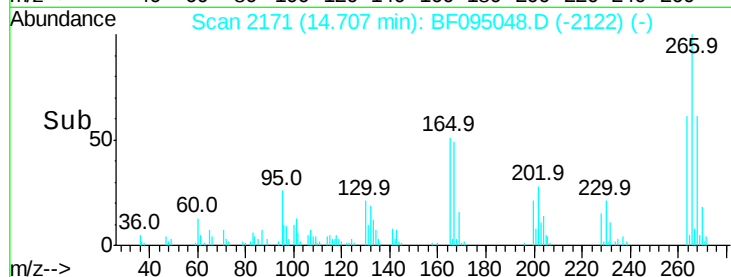
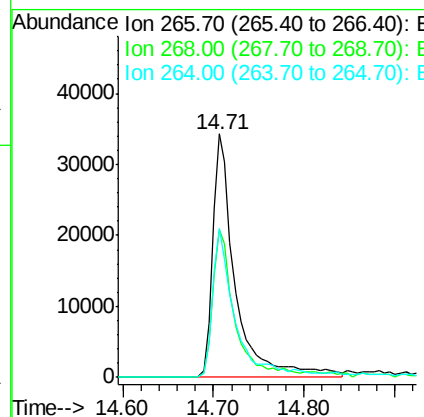
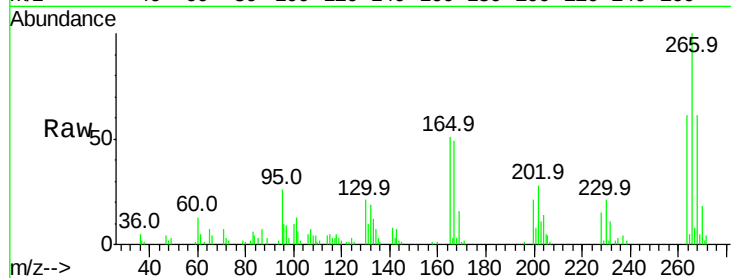
#69  
 Pentachlorophenol  
 Concen: 36.13 ng  
 RT: 14.71 min Scan# 2171  
 Delta R.T. -0.01 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 59936 |       |       |
| 268     | 60.5  |       | 51.1  | 76.7  |
| 264     | 61.1  |       | 51.7  | 77.5  |

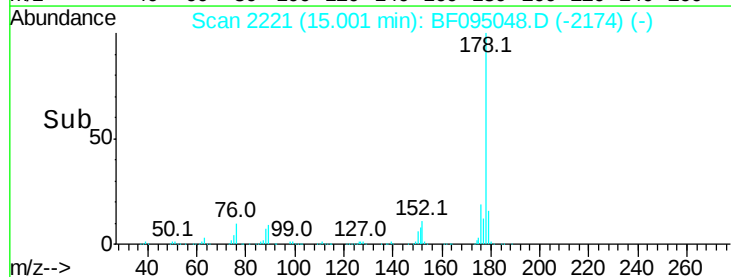
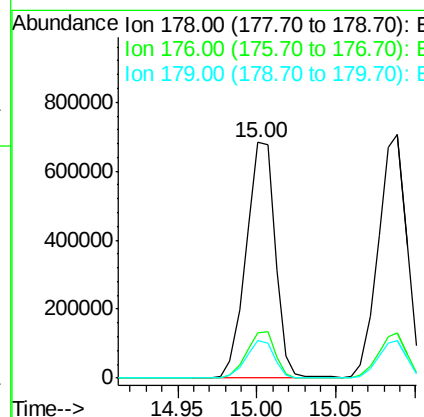
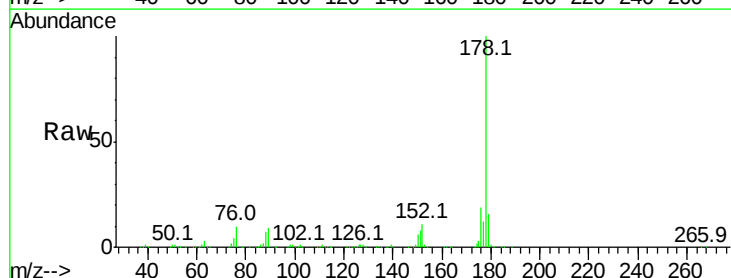
Manual Integrations  
 APPROVED

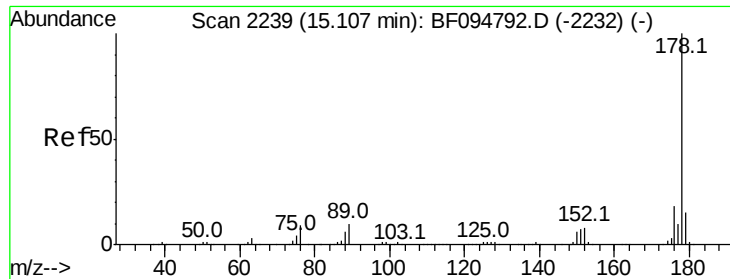
mohammad  
 5/10/2017 11:48:01 AM



#70  
 Phenanthrene  
 Concen: 40.51 ng  
 RT: 15.00 min Scan# 2221  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 872564 |       |       |
| 176     | 19.0  |        | 16.2  | 24.4  |
| 179     | 15.8  |        | 12.6  | 19.0  |





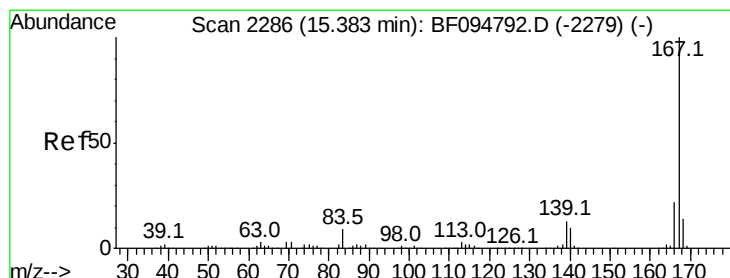
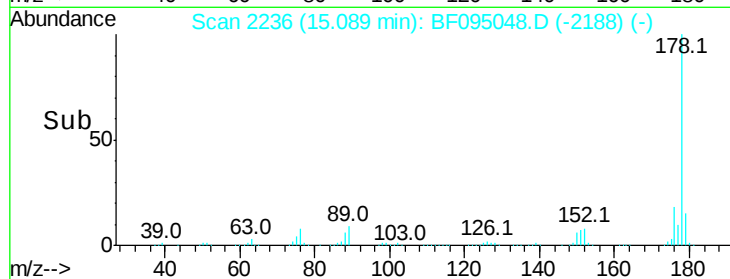
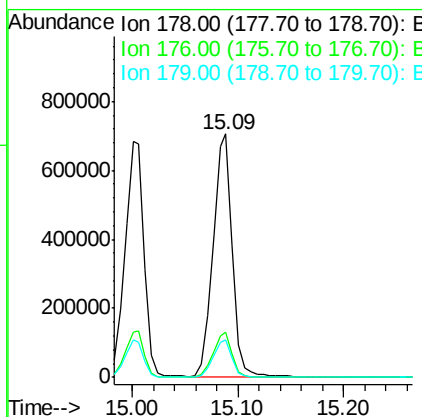
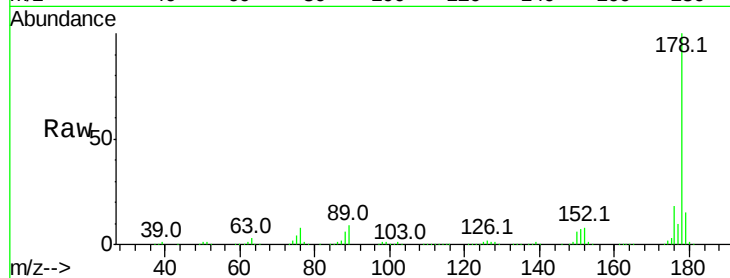
#71  
 Anthracene  
 Concen: 41.13 ng  
 RT: 15.09 min Scan# 2236  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.8  | 23.8  |
| 179     | 15.3  | 12.7  | 19.1  |

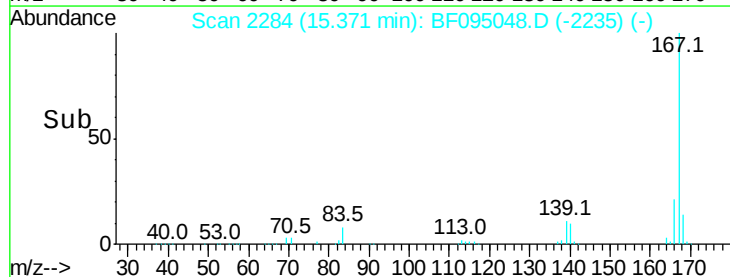
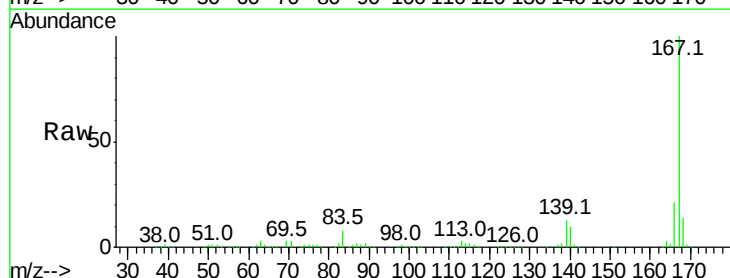
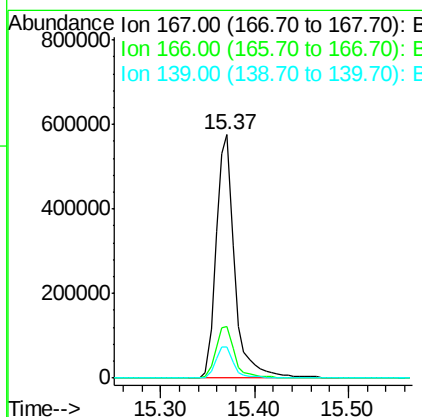
Manual Integrations  
 APPROVED

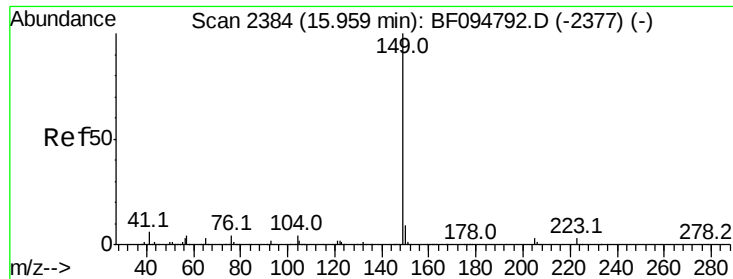
mohammad  
 5/10/2017 11:48:01 AM



#72  
 Carbazole  
 Concen: 39.70 ng  
 RT: 15.37 min Scan# 2284  
 Delta R.T. -0.01 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.1  | 18.1  | 27.1  |
| 139     | 12.5  | 11.7  | 17.5  |





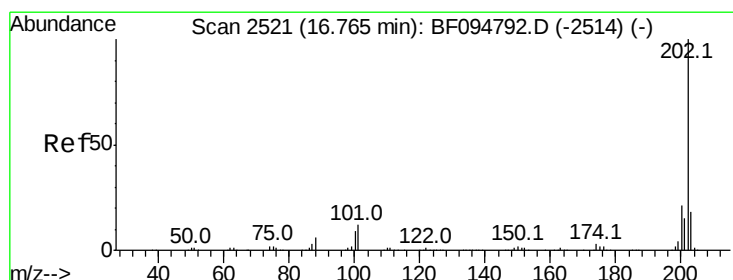
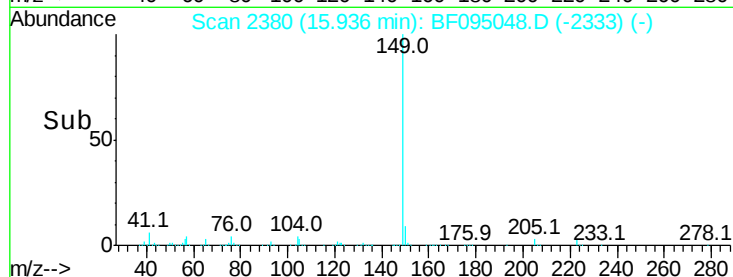
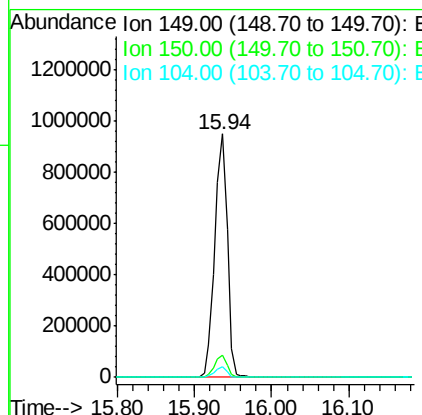
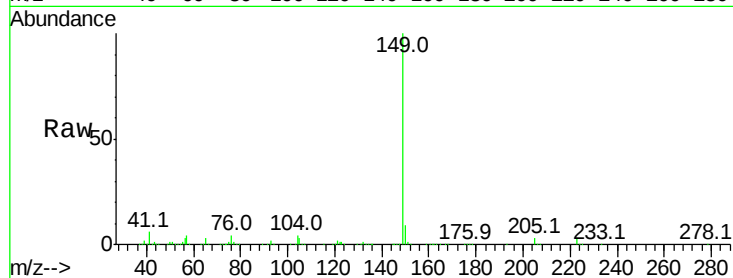
#73  
Di-n-butylphthalate  
Concen: 42.54 ng  
RT: 15.94 min Scan# 2380  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 1062159  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.7 11.5  
104 4.4 4.0 6.0

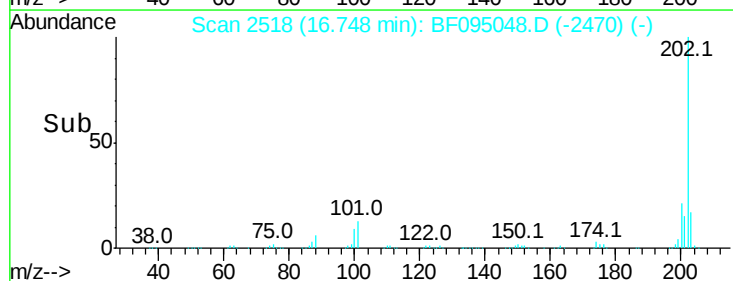
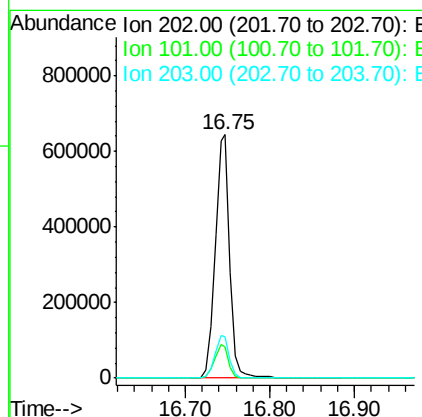
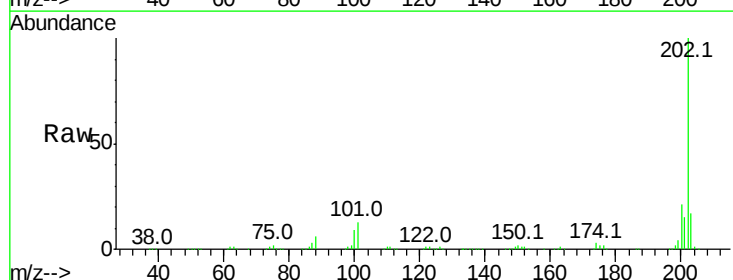
Manual Integrations  
APPROVED

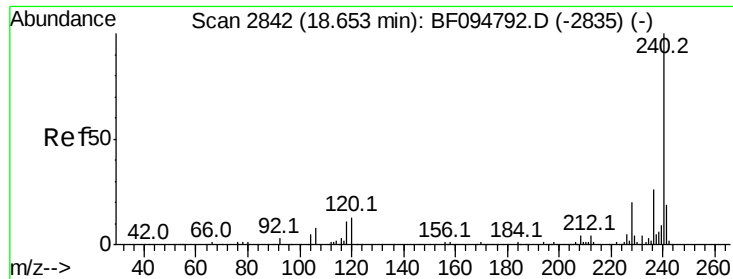
mohammad  
5/10/2017 11:48:01 AM



#74  
Fluoranthene  
Concen: 35.36 ng  
RT: 16.75 min Scan# 2518  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Tgt Ion:202 Resp: 781346  
Ion Ratio Lower Upper  
202 100  
101 12.6 0.0 33.2  
203 16.9 0.0 38.1





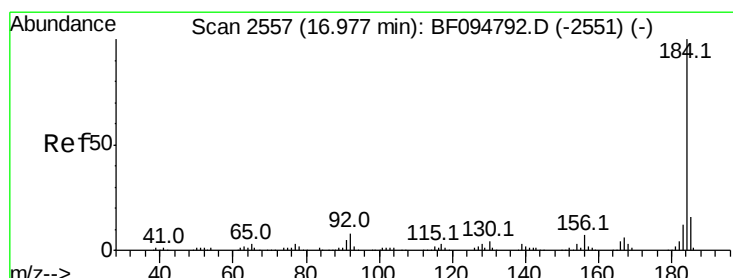
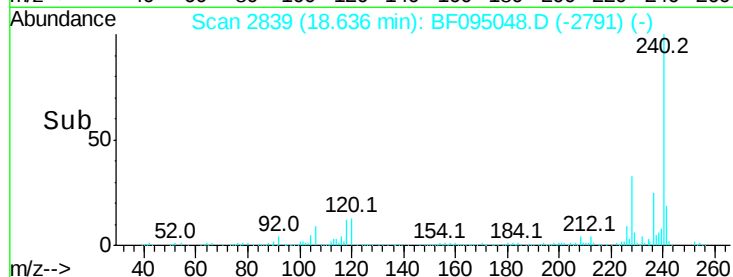
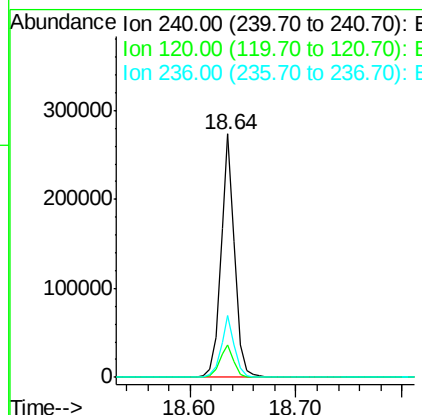
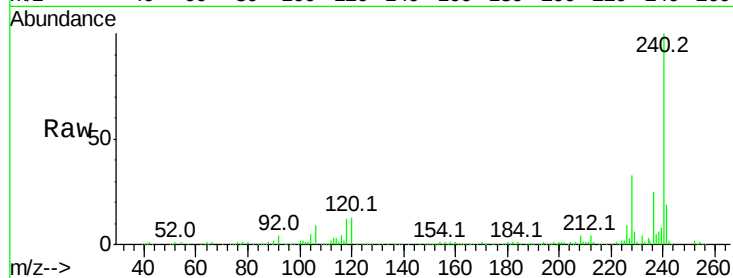
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.64 min Scan# 2839  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.4  | 5.8   | 8.8#  |
| 236     | 25.1  | 20.5  | 30.7  |

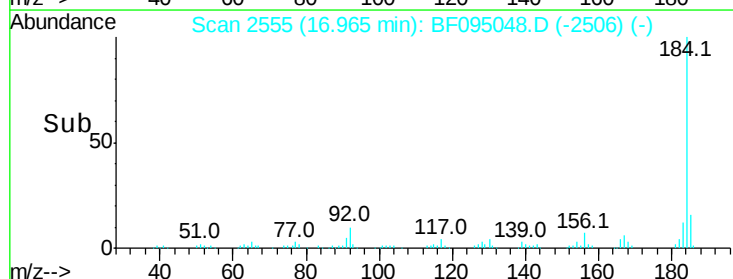
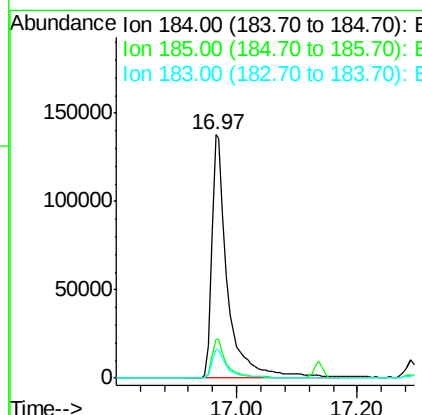
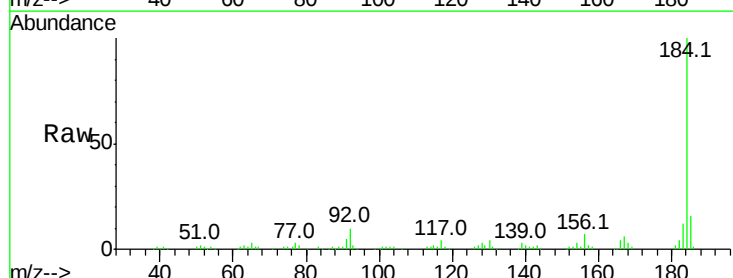
Manual Integrations  
APPROVED

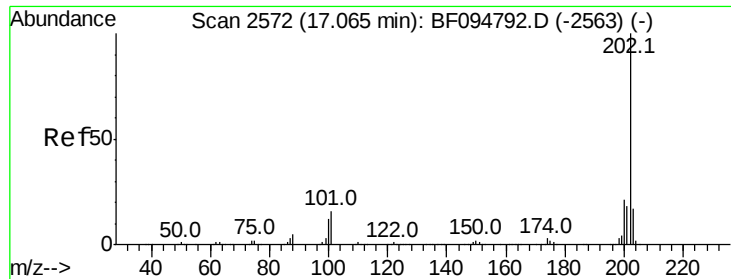
mohammad  
5/10/2017 11:48:01 AM



#76  
Benzidine  
Concen: 38.83 ng  
RT: 16.97 min Scan# 2555  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.7  | 15.5  | 23.3  |
| 183     | 12.0  | 9.8   | 14.6  |





#77

Pvrene

Concen: 40.41 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

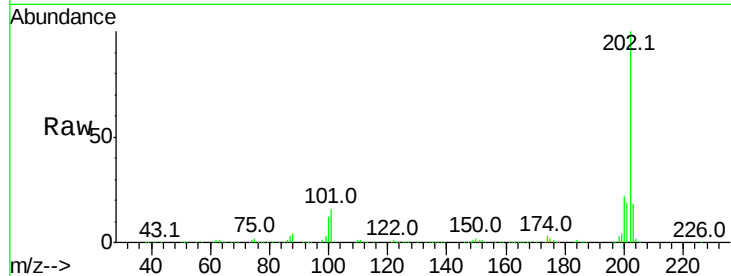
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 753485 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.9  | 17.6  | 26.4   |
| 203       | 17.9  | 14.4  | 21.6   |

Manual Integrations  
APPROVED

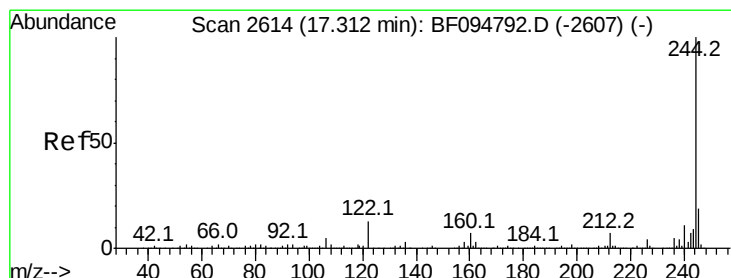
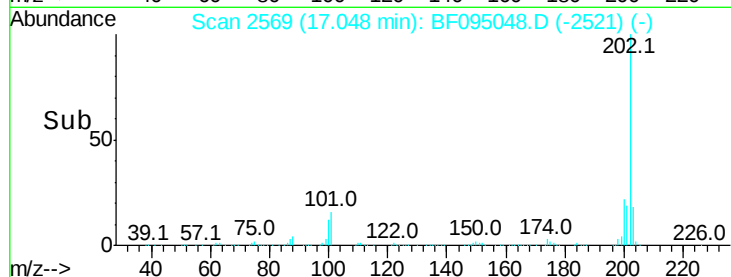
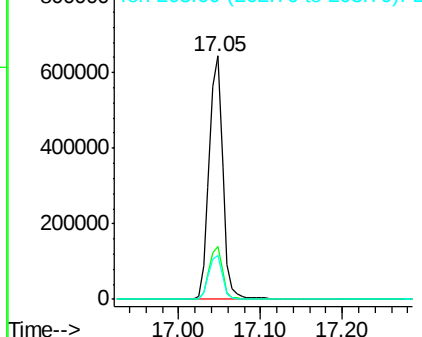
mohammad  
5/10/2017 11:48:01 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.02 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095048.D

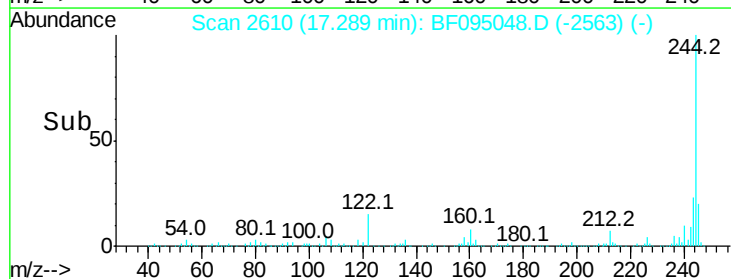
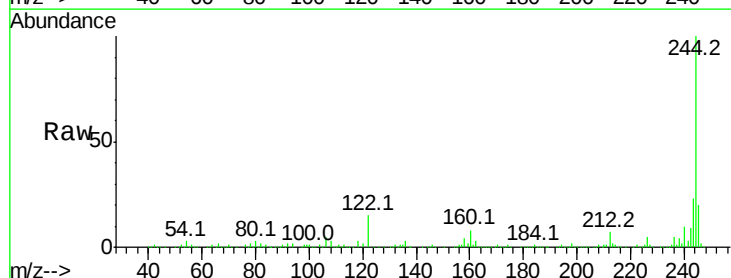
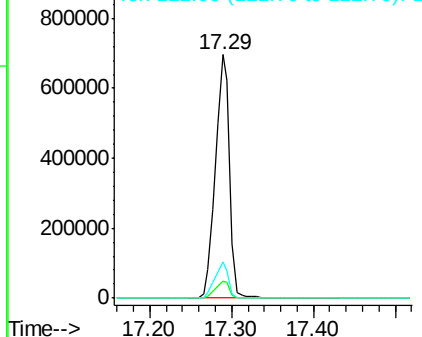
Acq: 10 May 2017 6:16

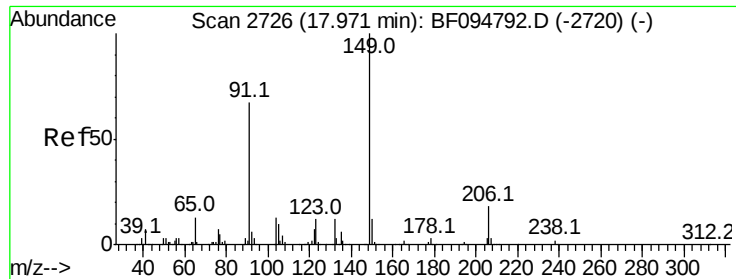
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 837786 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.1   | 6.0   | 9.0    |
| 122       | 14.7  | 10.3  | 15.5   |

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





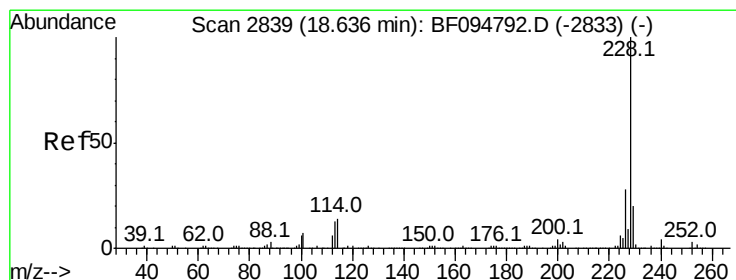
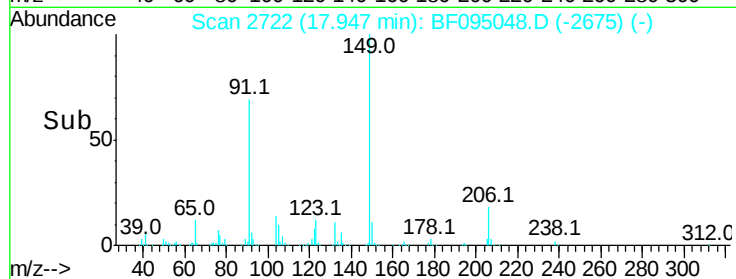
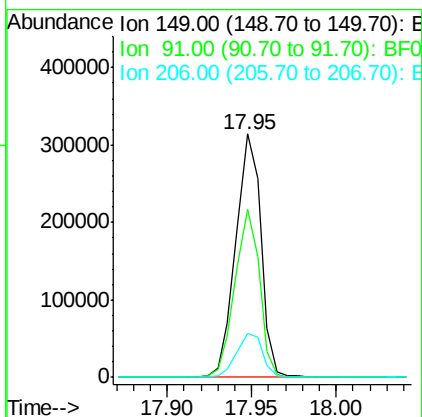
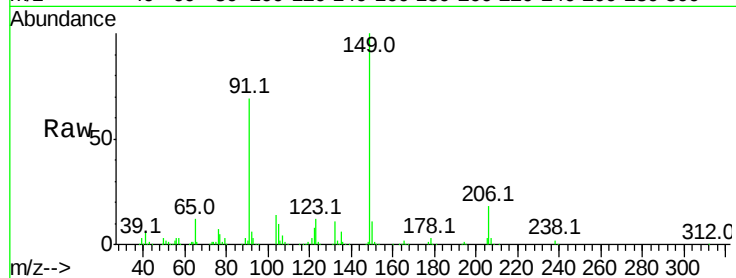
#79  
Butylbenzylphthalate  
Concen: 37.76 ng  
RT: 17.95 min Scan# 2722  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 69.2  | 45.0 | 67.4# |       |
| 206     | 18.0  | 17.0 | 25.6  |       |

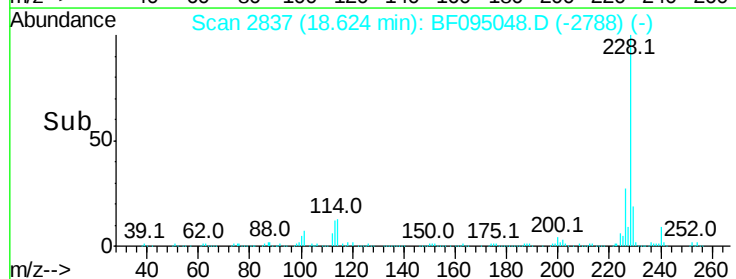
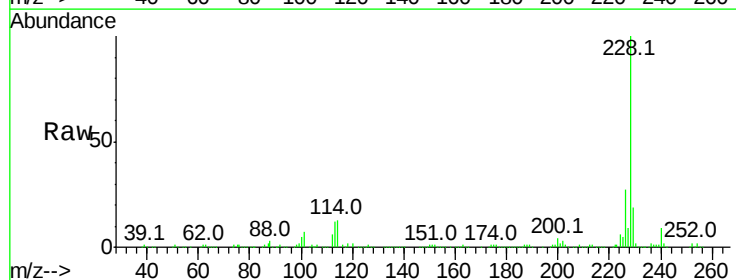
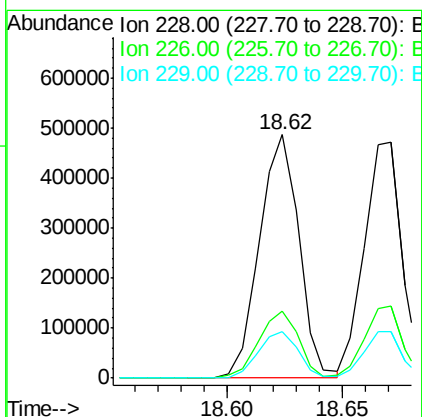
Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#80  
Benzo(a)anthracene  
Concen: 39.94 ng  
RT: 18.62 min Scan# 2837  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 27.4  | 22.6 | 33.8  |       |
| 229     | 19.3  | 16.3 | 24.5  |       |





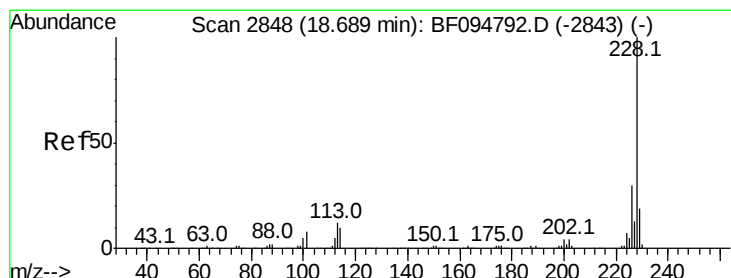
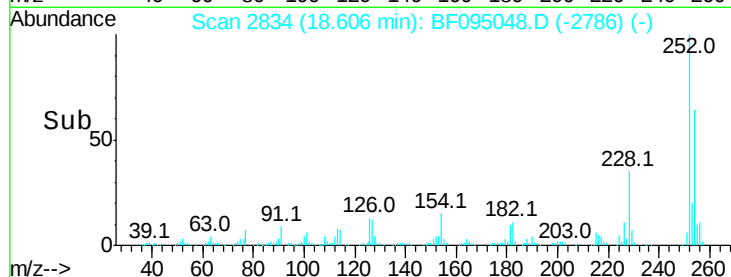
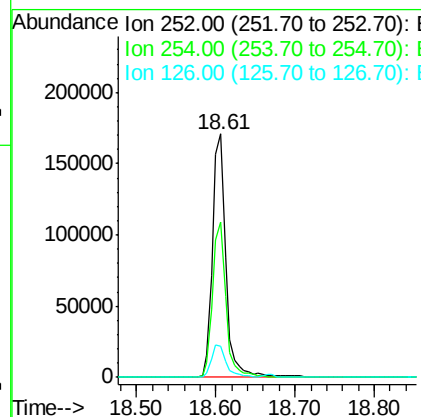
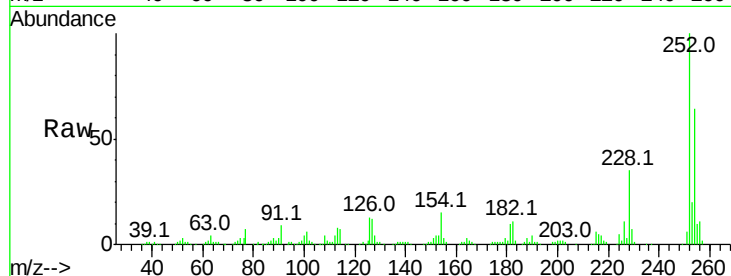
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.37 ng  
 RT: 18.61 min Scan# 2834  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 252  | Resp: | 202295 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 63.6 | 51.5  | 77.3   |
| 126       | 13.0 | 15.8  | 23.8   |

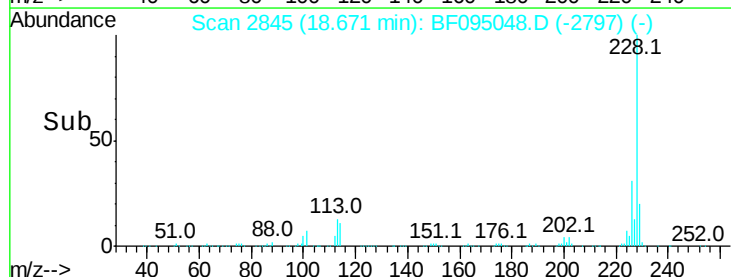
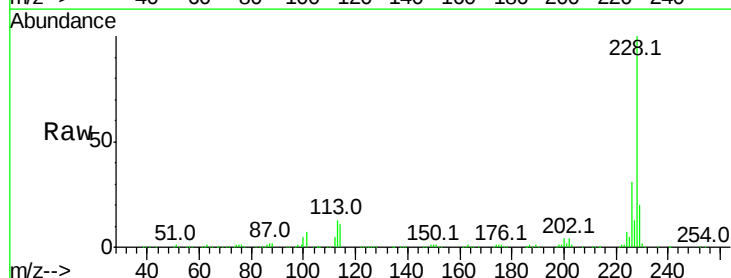
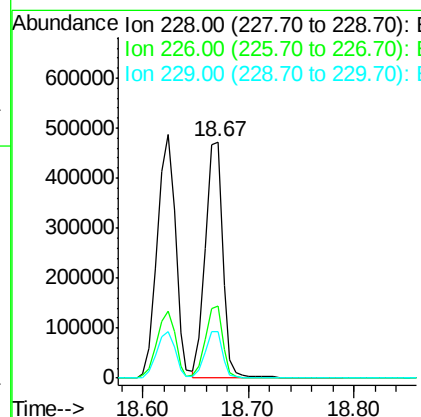
Manual Integrations  
 APPROVED

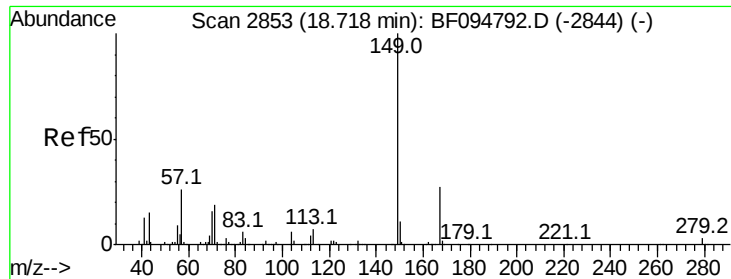
mohammad  
 5/10/2017 11:48:01 AM



#82  
 Chrysene  
 Concen: 38.75 ng  
 RT: 18.67 min Scan# 2845  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 228  | Resp: | 543621 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 30.7 | 24.9  | 37.3   |
| 229       | 19.7 | 15.8  | 23.6   |





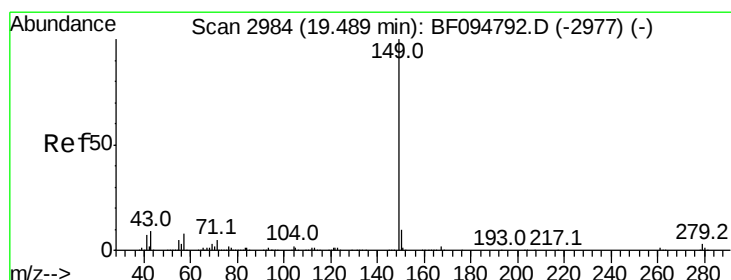
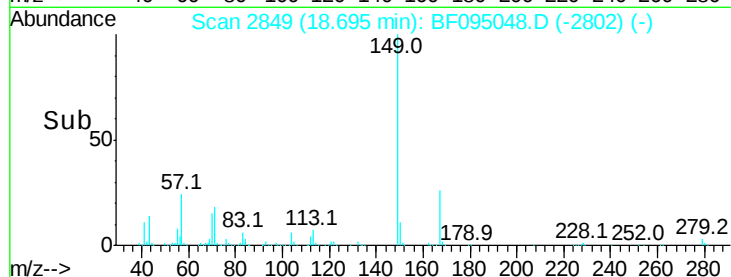
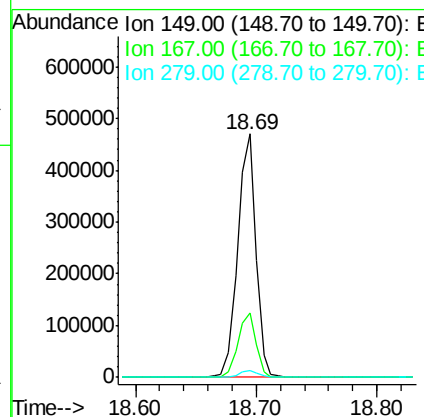
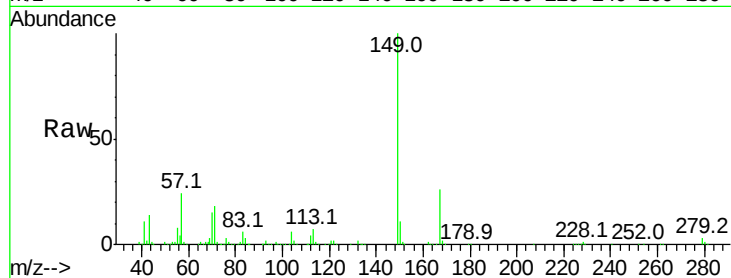
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.21 ng  
 RT: 18.69 min Scan# 2849  
 Delta R.T. -0.02 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 496927 |       |       |
| 167     | 26.4  | 21.0   | 31.4  |       |
| 279     | 3.0   | 1.9    | 2.9#  |       |

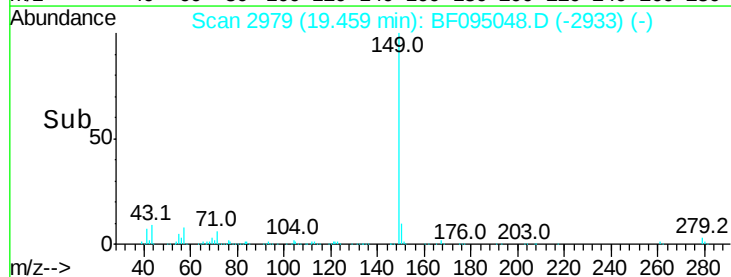
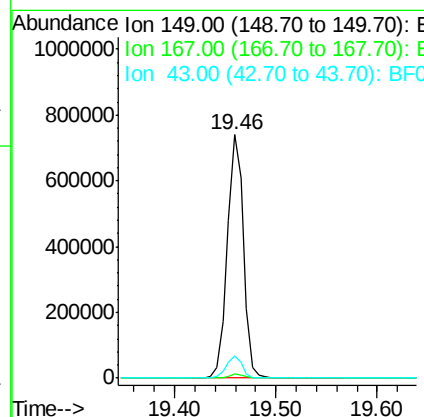
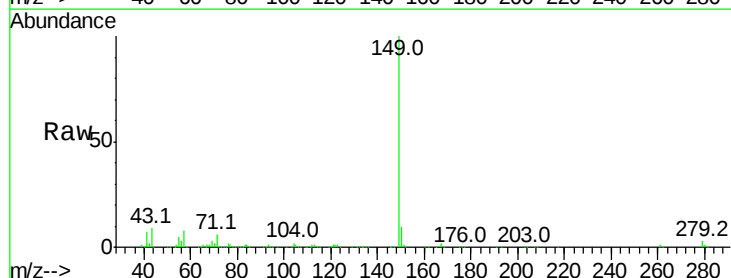
Manual Integrations  
 APPROVED

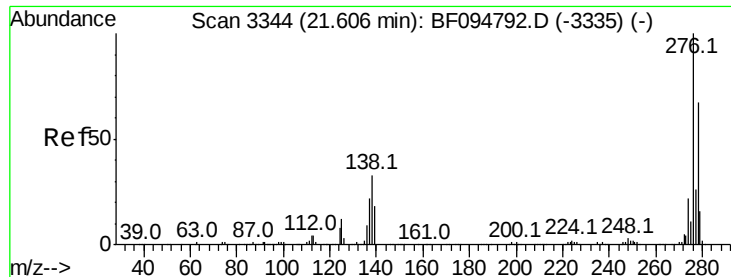
mohammad  
 5/10/2017 11:48:01 AM



#84  
 Di-n-octyl phthalate  
 Concen: 40.26 ng  
 RT: 19.46 min Scan# 2979  
 Delta R.T. -0.03 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 815656 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 9.0   | 8.5    | 12.7  |       |





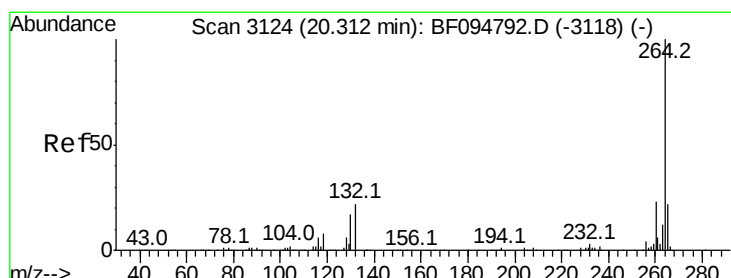
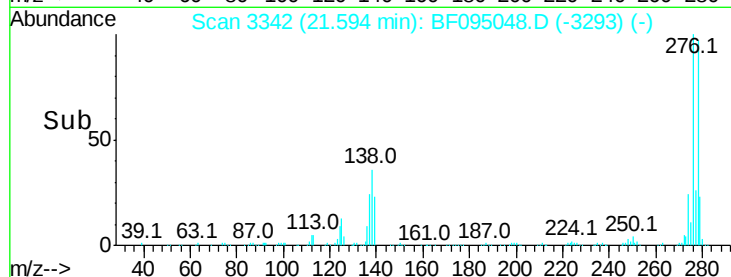
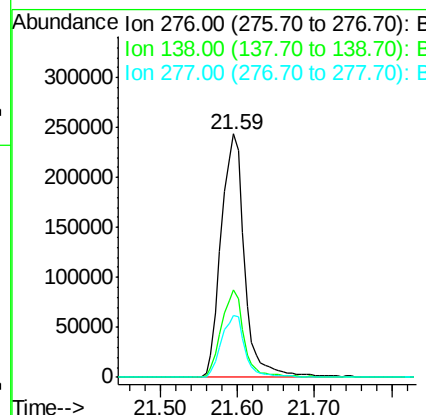
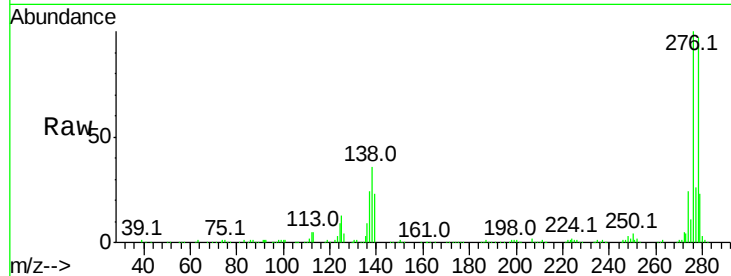
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 45.00 ng  
RT: 21.59 min Scan# 3342  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 35.0  | 27.8  | 41.6  |
| 277     | 25.6  | 20.2  | 30.4  |

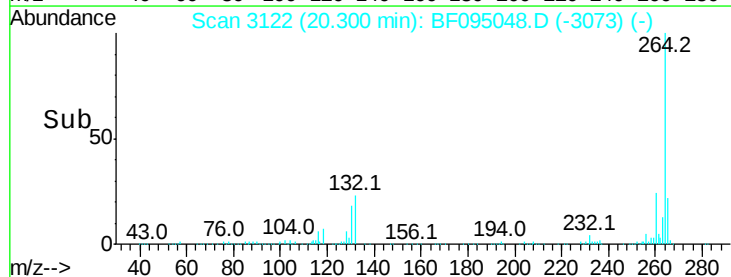
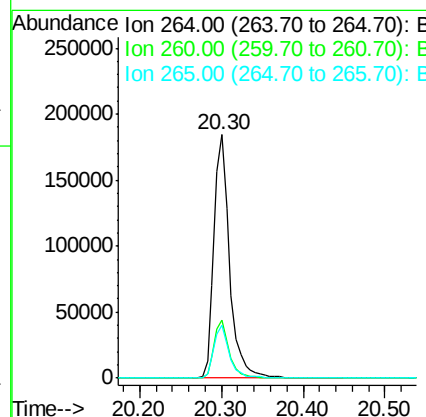
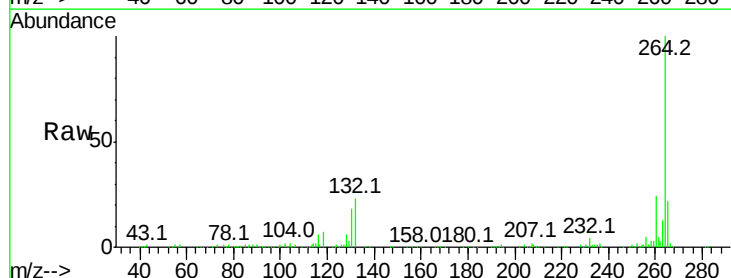
Manual Integrations  
APPROVED

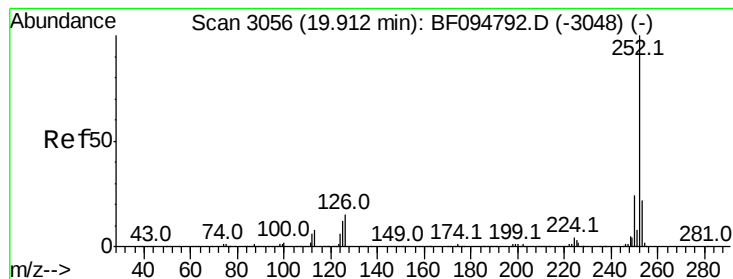
mohammad  
5/10/2017 11:48:01 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 20.30 min Scan# 3122  
Delta R.T. -0.01 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 19.5  | 29.3  |
| 265     | 21.7  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 38.65 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

Instrument :

BNA\_F

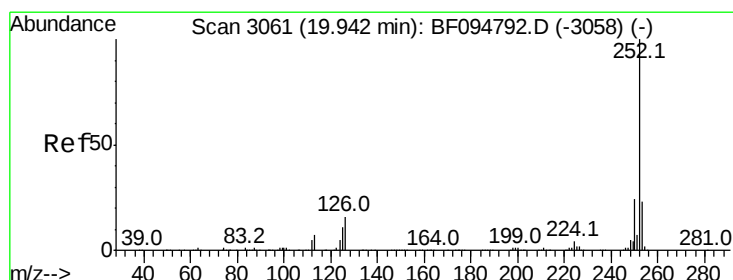
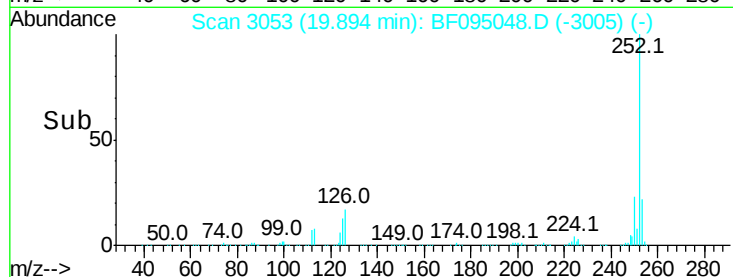
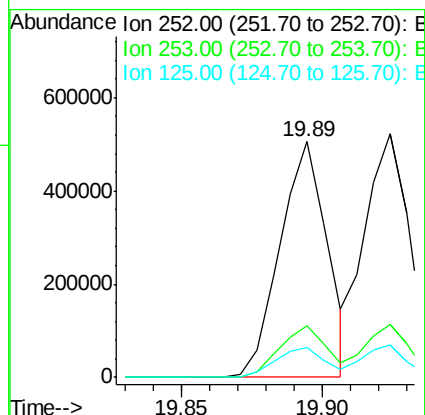
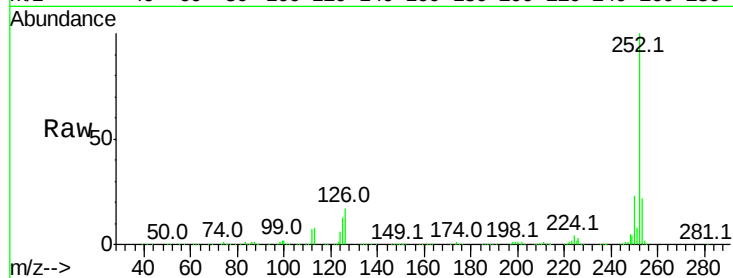
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 18.1  | 27.1  |
| 125     | 12.9  | 9.8   | 14.8  |

Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#88

Benzo(k)fluoranthene

Concen: 41.27 ng

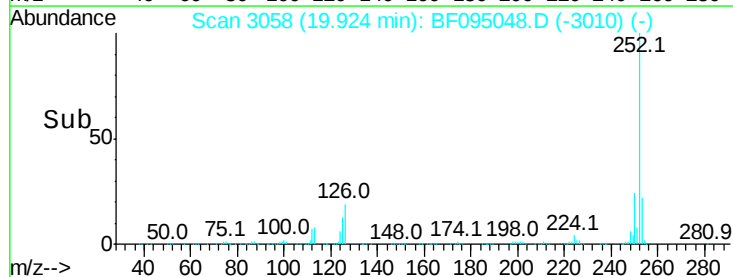
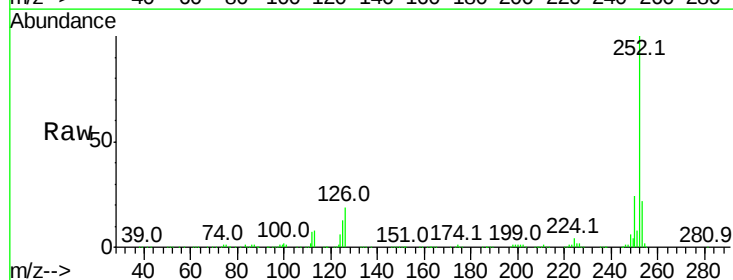
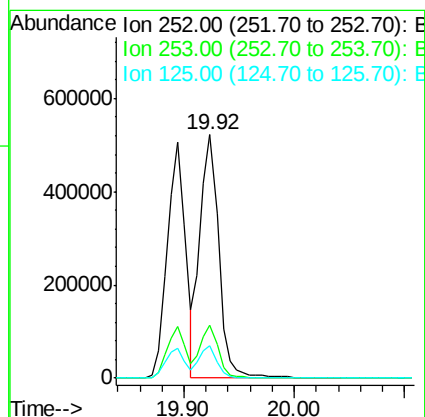
RT: 19.92 min Scan# 3058

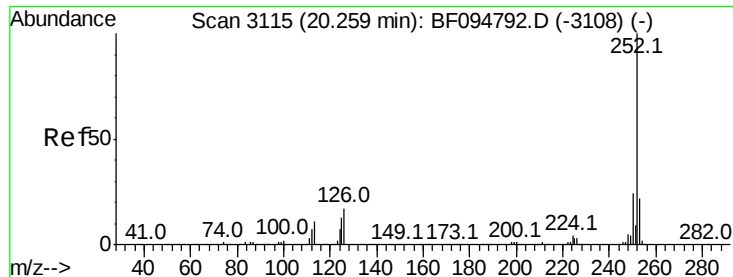
Delta R.T. -0.02 min

Lab File: BF095048.D

Acq: 10 May 2017 6:16

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





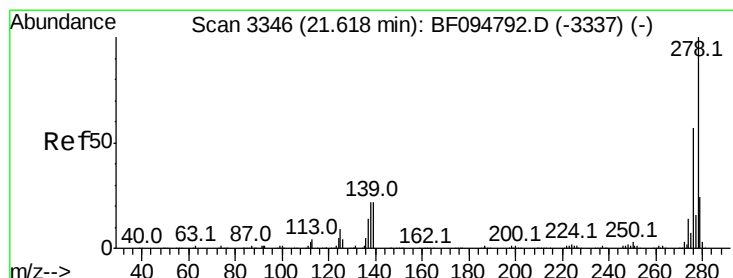
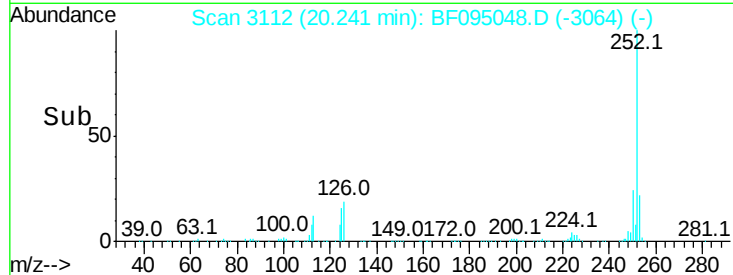
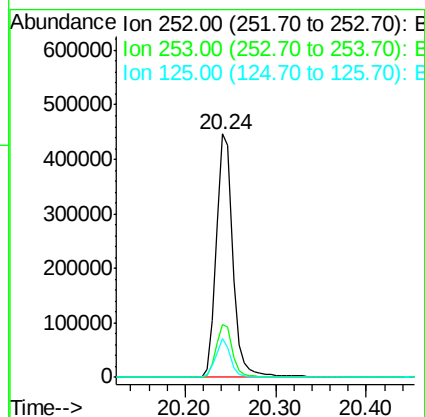
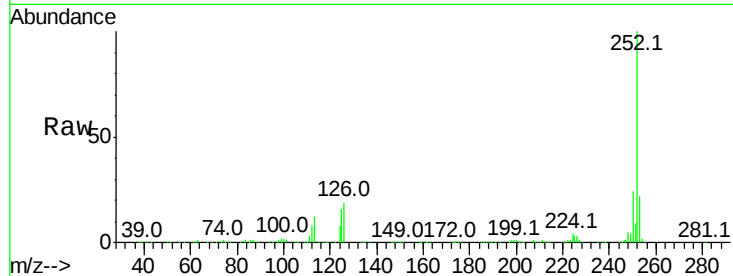
#89  
Benzo(a)pyrene  
Concen: 40.34 ng  
RT: 20.24 min Scan# 3112  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.5  | 26.3  |
| 125     | 15.8  | 11.0  | 16.4  |

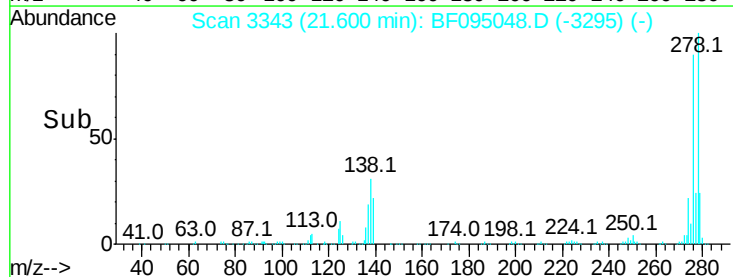
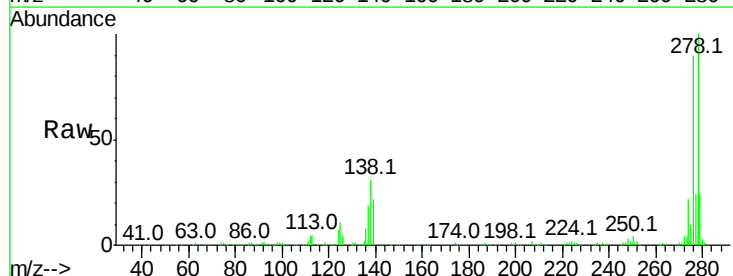
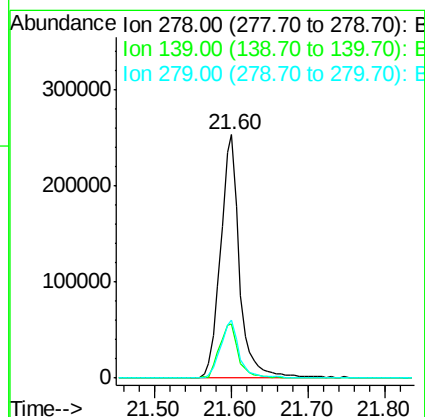
Manual Integrations  
APPROVED

mohammad  
5/10/2017 11:48:01 AM



#90  
Dibenzo(a,h)anthracene  
Concen: 37.54 ng  
RT: 21.60 min Scan# 3343  
Delta R.T. -0.02 min  
Lab File: BF095048.D  
Acq: 10 May 2017 6:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 22.3  | 16.6  | 24.8  |
| 279     | 23.7  | 19.3  | 28.9  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 37.33 ng  
 RT: 21.96 min Scan# 3405  
 Delta R.T. -0.01 min  
 Lab File: BF095048.D  
 Acq: 10 May 2017 6:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.9  | 18.6  | 28.0  |
| 138     | 30.3  | 25.4  | 38.0  |

Manual Integrations  
 APPROVED

mohammad  
 5/10/2017 11:48:01 AM

