

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\  
 Data File : BF082695.D  
 Acq On : 4 Nov 2015 12:26  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Mmdadoda  
 11/5/2015 2:19:30 PM

Quant Time: Nov 04 23:19:58 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 03 12:27:47 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.86  | 152  | 202713   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.16  | 136  | 812464   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 9.92  | 164  | 434637   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.39 | 188  | 781763   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.04 | 240  | 654439   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.49 | 264  | 573809   | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 954228  | 70.90 | ng | -0.01 |
| 7) Phenol-d6                | 6.50  | 99  | 1301499 | 72.79 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 7.44  | 82  | 1409373 | 70.84 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330 | 402818  | 84.68 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 9.24  | 172 | 2501924 | 81.73 | ng | -0.01 |
| 78) Terphenyl-d14           | 12.98 | 244 | 2077835 | 69.48 | ng | -0.02 |

|                                |      |     |          |        |    |      |
|--------------------------------|------|-----|----------|--------|----|------|
| Target Compounds               |      |     |          | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 2.46 | 88  | 208359   | 33.49  | ng | 96   |
| 3) Pyridine                    | 3.18 | 79  | 645774   | 35.40  | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.14 | 42  | 326062   | 31.75  | ng | 91   |
| 6) Aniline                     | 6.53 | 93  | 958443   | 38.50  | ng | 97   |
| 8) 2-Chlorophenol              | 6.66 | 128 | 551384   | 37.86  | ng | 95   |
| 9) Benzaldehyde                | 6.41 | 77  | 395142   | 32.37  | ng | 95   |
| 10) Phenol                     | 6.51 | 94  | 695525   | 34.33  | ng | 92   |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 528714   | 35.37  | ng | 93   |
| 12) 1,3-Dichlorobenzene        | 6.81 | 146 | 608263   | 36.63  | ng | 94   |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 682913   | 41.47  | ng | 95   |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 585024   | 38.27  | ng | 95   |
| 15) Benzyl Alcohol             | 7.01 | 79  | 644579   | 38.66  | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 854445   | 35.97  | ng | 97   |
| 17) 2-Methylphenol             | 7.13 | 107 | 480571   | 38.81  | ng | 98   |
| 18) Hexachloroethane           | 7.39 | 117 | 253877   | 39.50  | ng | # 82 |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 527283   | 38.90  | ng | # 78 |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 640593   | 39.81  | ng | 90   |
| 22) Acetophenone               | 7.29 | 105 | 912329   | 38.14  | ng | 97   |
| 24) Nitrobenzene               | 7.46 | 77  | 729228   | 36.26  | ng | 96   |
| 25) Isophorone                 | 7.70 | 82  | 1321057  | 36.09  | ng | 99   |
| 26) 2-Nitrophenol              | 7.77 | 139 | 278846   | 37.96  | ng | 87   |
| 27) 2,4-Dimethylphenol         | 7.81 | 122 | 543103   | 37.87  | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 701375   | 35.03  | ng | 98   |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 522892   | 40.00  | ng | 100  |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 546650   | 37.68  | ng | 97   |
| 31) Naphthalene                | 8.18 | 128 | 1609964  | 36.62  | ng | 100  |
| 32) Benzoic acid               | 7.95 | 122 | 360046   | 34.61  | ng | 96   |
| 33) 4-Chloroaniline            | 8.22 | 127 | 701966   | 37.40  | ng | 94   |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 375285   | 40.68  | ng | 99   |
| 35) Caprolactam                | 8.60 | 113 | 156745   | 39.08  | ng | # 87 |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 555373   | 36.08  | ng | 97   |
| 37) 2-Methylnaphthalene        | 8.88 | 142 | 1152248m | 40.44  | ng |      |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.04 | 216 | 515533   | 35.55  | ng | 99   |
| 40) Hexachlorocyclopentadiene  | 9.04 | 237 | 335635   | 36.81  | ng | 99   |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\  
 Data File : BF082695.D  
 Acq On : 4 Nov 2015 12:26  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

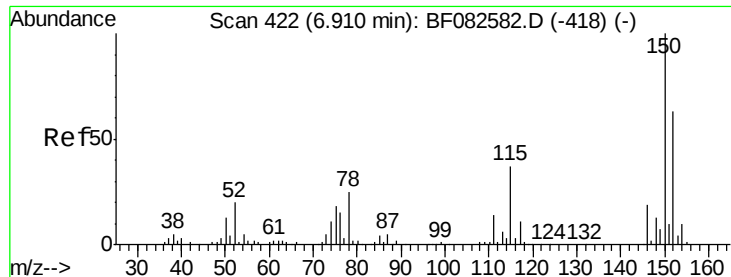
Mmdadoda  
 11/5/2015 2:19:30 PM

Quant Time: Nov 04 23:19:58 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 03 12:27:47 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 424310   | 40.52 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.18  | 196  | 391248m  | 37.50 | nq    |          |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 1255383  | 34.19 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 1014233  | 35.38 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.45  | 65   | 377035   | 33.83 | nq    | # 86     |
| 48) Acenaphthylene             | 9.78  | 152  | 1755584  | 38.29 | nq    | 98       |
| 49) Dimethylphthalate          | 9.64  | 163  | 1449890  | 40.85 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 307066   | 41.74 | nq    | # 67     |
| 51) Acenaphthene               | 9.95  | 154  | 1224192  | 42.06 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.86  | 138  | 273817   | 33.45 | nq    | 89       |
| 53) 2,4-Dinitrophenol          | 9.96  | 184  | 151119   | 42.02 | nq    | # 32     |
| 54) Dibenzofuran               | 10.12 | 168  | 1568878  | 39.72 | nq    | # 88     |
| 55) 4-Nitrophenol              | 10.02 | 139  | 257470   | 41.81 | nq    | 89       |
| 56) 2,4-Dinitrotoluene         | 10.10 | 165  | 429092   | 43.13 | nq    | # 82     |
| 57) Fluorene                   | 10.46 | 166  | 1246883  | 39.14 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.24 | 232  | 351365   | 39.84 | nq    | 91       |
| 59) Diethylphthalate           | 10.34 | 149  | 1484991  | 41.09 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 621092   | 40.11 | nq    | 92       |
| 61) 4-Nitroaniline             | 10.48 | 138  | 306417   | 39.23 | nq    | 89       |
| 62) Azobenzene                 | 10.61 | 77   | 1573253  | 38.61 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.51 | 198  | 242691   | 51.47 | nq    | 80       |
| 65) n-Nitrosodiphenylamine     | 10.57 | 169  | 997759   | 37.13 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 398289   | 44.96 | nq    | # 91     |
| 67) Hexachlorobenzene          | 11.01 | 284  | 442521   | 45.05 | nq    | # 67     |
| 68) Atrazine                   | 11.10 | 200  | 381118   | 43.35 | nq    | 92       |
| 69) Pentachlorophenol          | 11.20 | 266  | 262342   | 40.50 | nq    | 98       |
| 70) Phenanthrene               | 11.41 | 178  | 1720883  | 39.03 | nq    | 100      |
| 71) Anthracene                 | 11.47 | 178  | 1793025  | 40.39 | nq    | 100      |
| 72) Carbazole                  | 11.62 | 167  | 1450067  | 37.50 | nq    | 99       |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 2168847  | 44.06 | nq    | 99       |
| 74) Fluoranthene               | 12.60 | 202  | 1650454  | 36.62 | nq    | 98       |
| 76) Benzidine                  | 12.72 | 184  | 906530   | 30.71 | nq    | 99       |
| 77) Pyrene                     | 12.83 | 202  | 1657149  | 34.20 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.46 | 149  | 960035   | 45.23 | nq    | # 83     |
| 80) Benzo(a)anthracene         | 14.03 | 228  | 1604520  | 38.60 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 13.99 | 252  | 562961   | 39.30 | nq    | 99       |
| 82) Chrysene                   | 14.07 | 228  | 1508322  | 40.03 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.03 | 149  | 1273152  | 46.27 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.66 | 149  | 1944783  | 45.31 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.91 | 276  | 1237264  | 39.79 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 15.08 | 252  | 1307052  | 33.03 | nq    | # 98     |
| 88) Benzo(k)fluoranthene       | 15.12 | 252  | 1331311m | 44.17 | nq    |          |
| 89) Benzo(a)pyrene             | 15.44 | 252  | 1157210  | 37.14 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.92 | 278  | 1034823  | 35.59 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.33 | 276  | 947060   | 33.61 | nq    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 202713

Ion Ratio Lower Upper

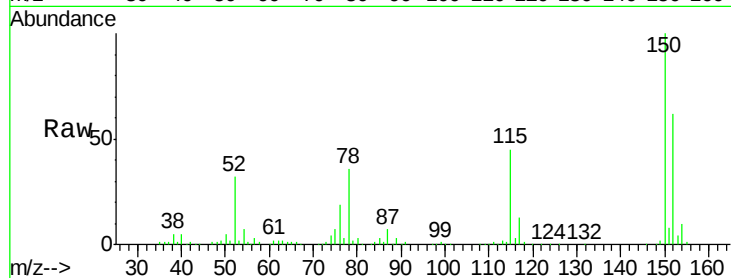
152 100

150 162.4 127.0 190.4

115 72.6 47.0 70.6#

Manual Integrations  
APPROVED

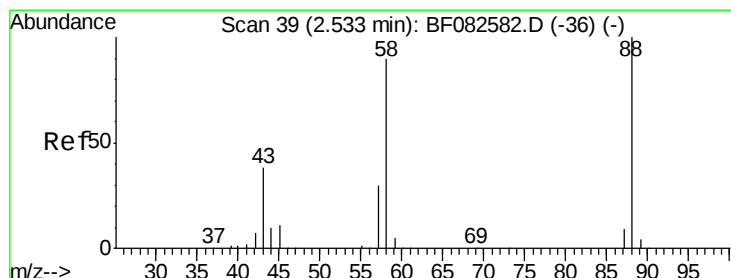
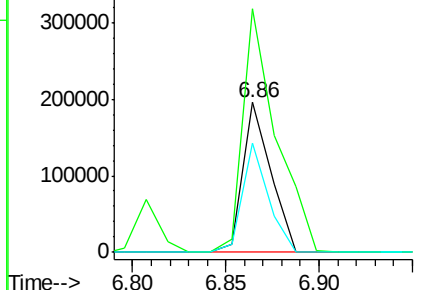
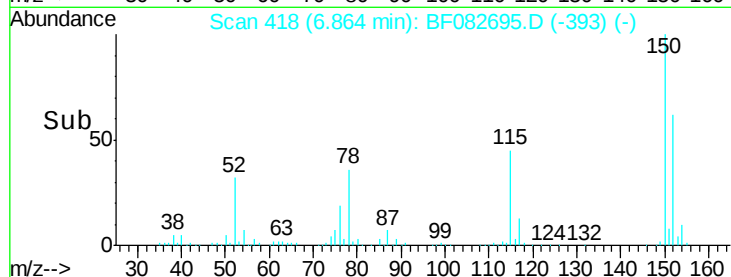
Mmdadoda  
11/5/2015 2:19:30 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.49 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.00 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

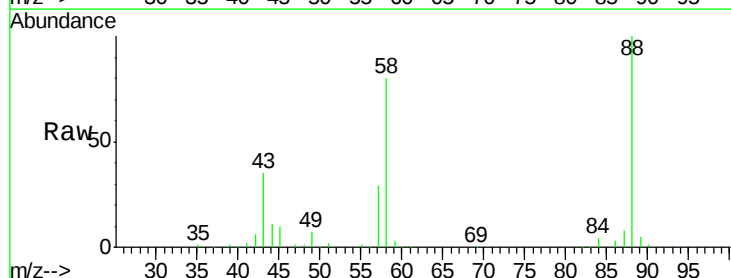
Tgt Ion: 88 Resp: 208359

Ion Ratio Lower Upper

88 100

58 80.7 62.0 93.0

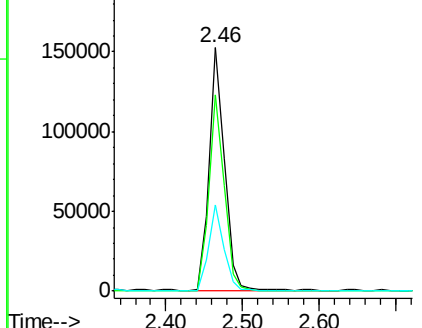
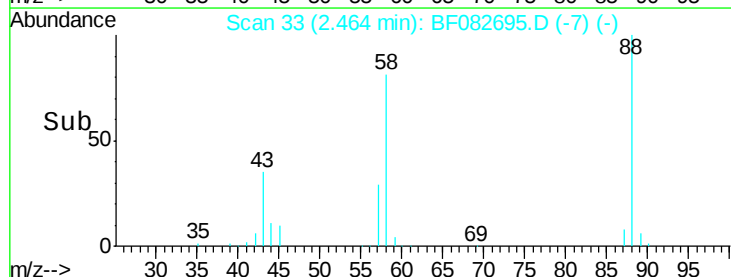
43 35.5 26.6 40.0

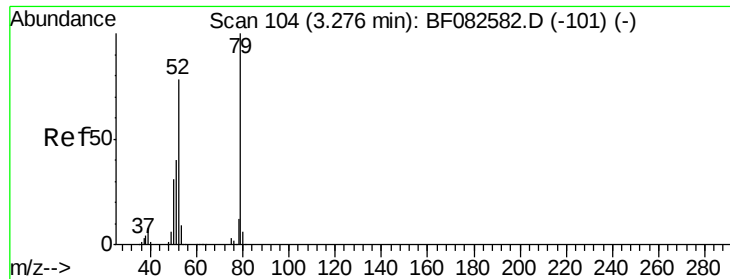


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.40 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

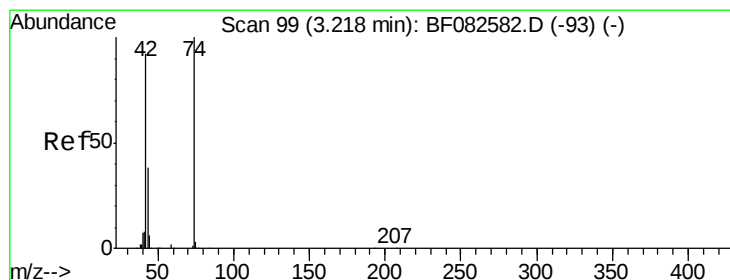
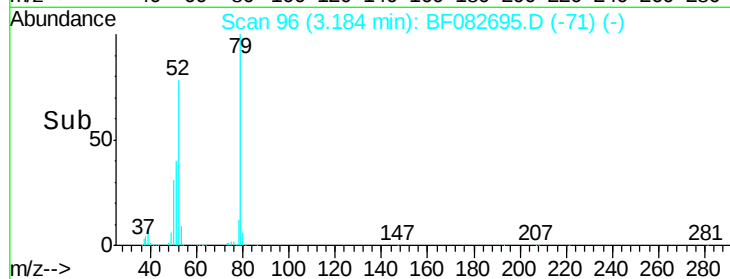
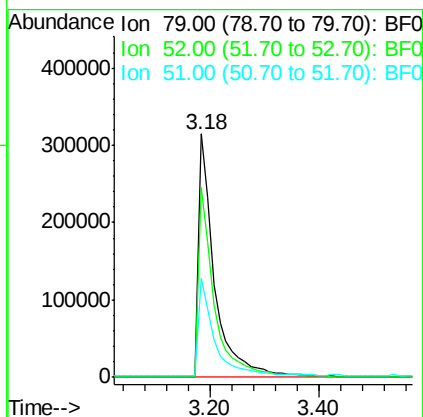
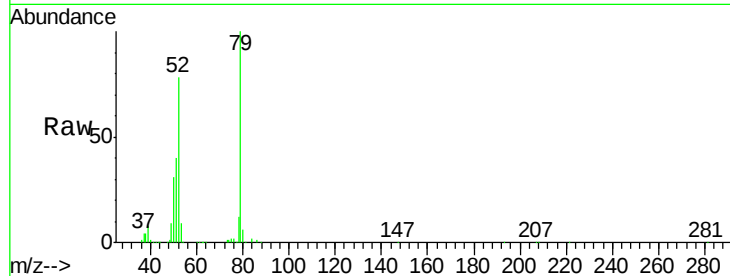
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 645774 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 78.1  | 62.8  | 94.2   |
| 51        | 40.4  | 32.0  | 48.0   |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#4

n-Nitrosodimethylamine

Concen: 31.75 ng

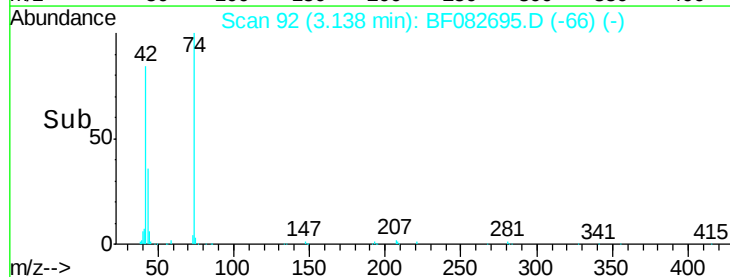
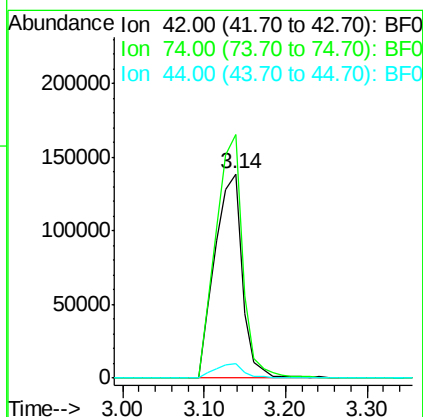
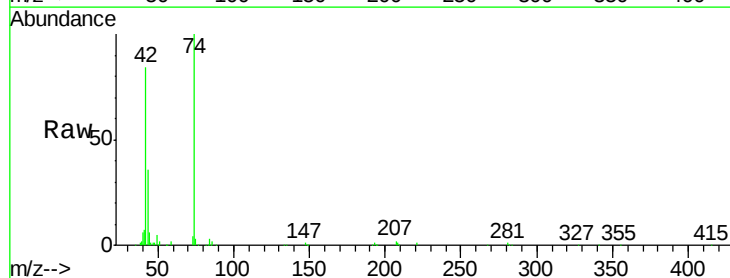
RT: 3.14 min Scan# 92

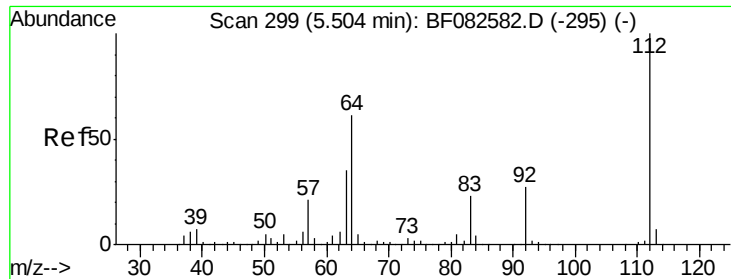
Delta R.T. 0.00 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 326062 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 119.0 | 87.0  | 130.4  |
| 44        | 7.1   | 5.8   | 8.8    |





#5

2-Fluorophenol

Concen: 70.90 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

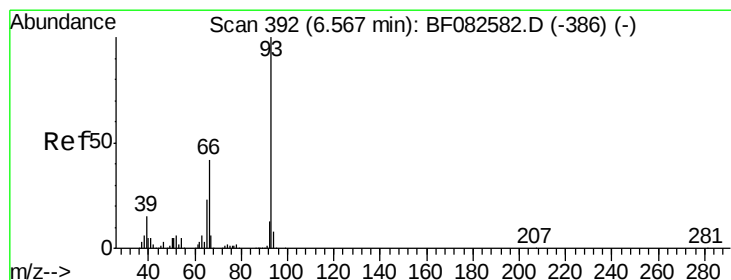
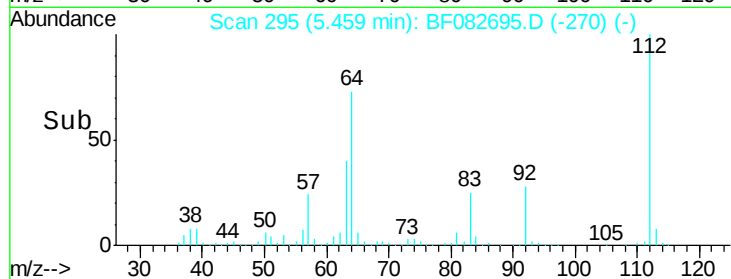
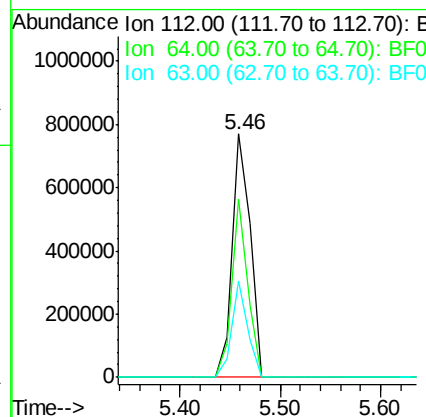
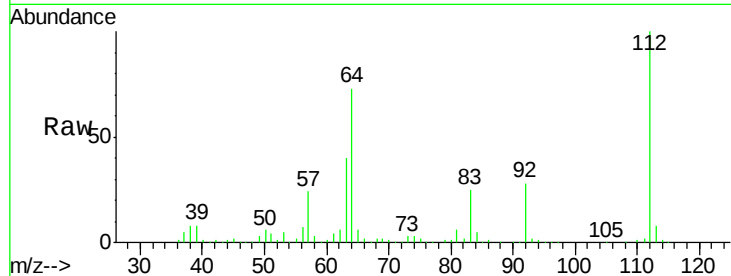
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 954228 |       |       |
| 64      | 73.0 | 48.9  | 73.3   |       |       |
| 63      | 39.7 | 28.1  | 42.1   |       |       |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#6

Aniline

Concen: 38.50 ng

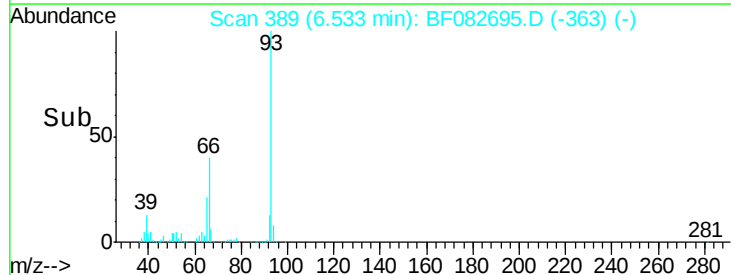
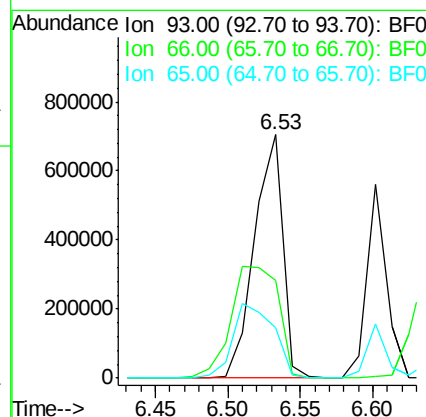
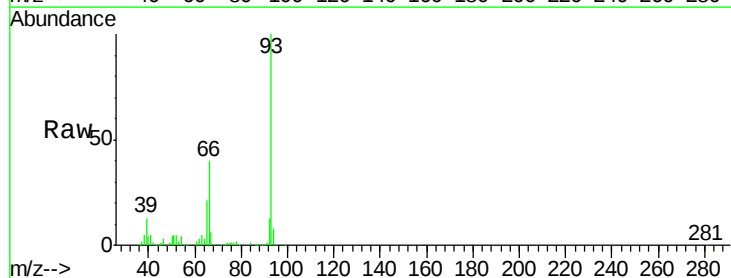
RT: 6.53 min Scan# 389

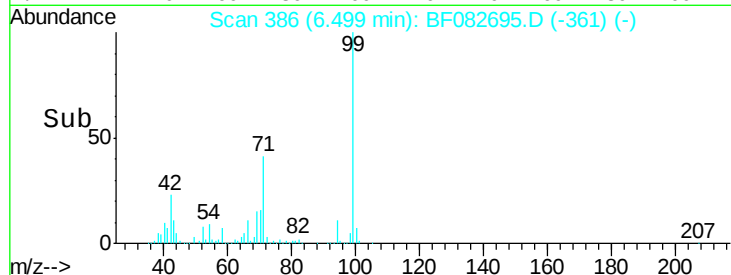
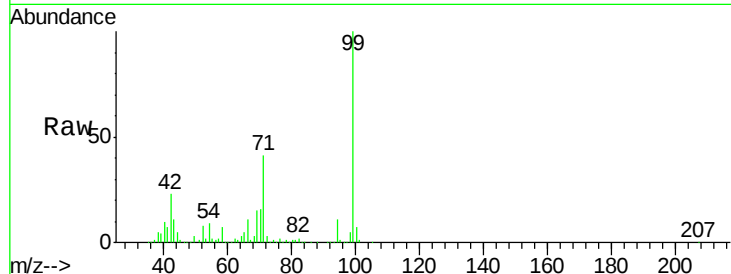
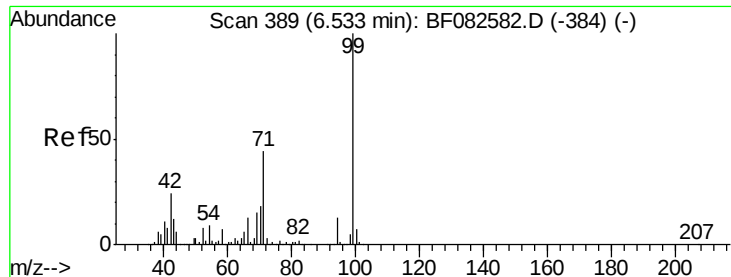
Delta R.T. 0.00 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 958443 |       |       |
| 66      | 40.0 | 33.6  | 50.4   |       |       |
| 65      | 20.9 | 18.1  | 27.1   |       |       |





#7

Phenol-d6

Concen: 72.79 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1301499

Ion Ratio Lower Upper

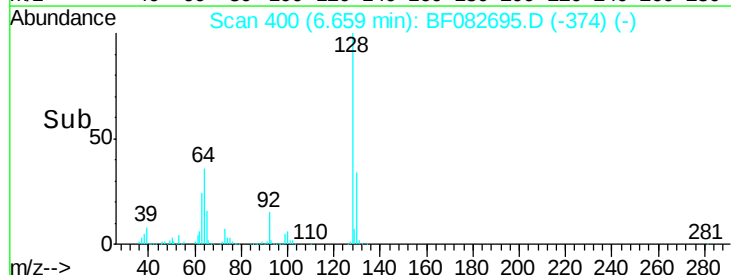
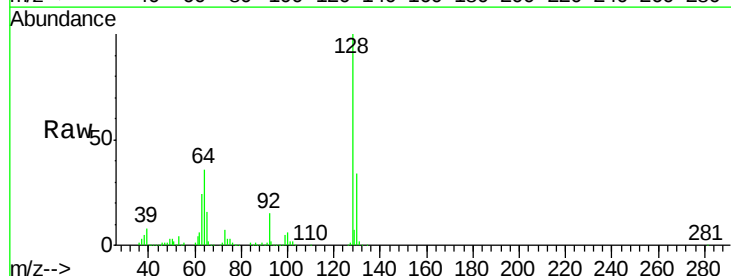
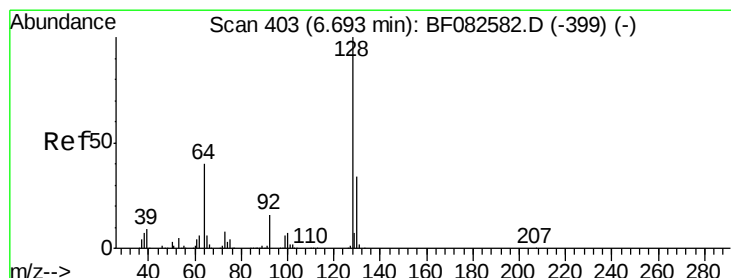
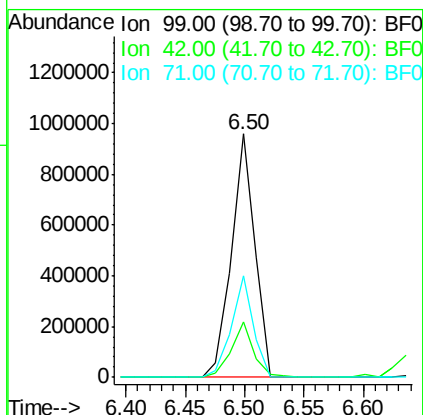
99 100

42 22.7 19.2 28.8

71 41.5 35.0 52.4

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#8

2-Chlorophenol

Concen: 37.86 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

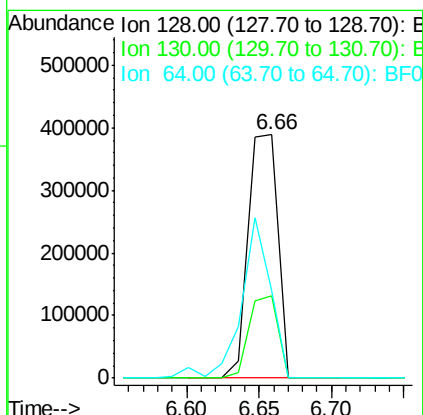
Tgt Ion:128 Resp: 551384

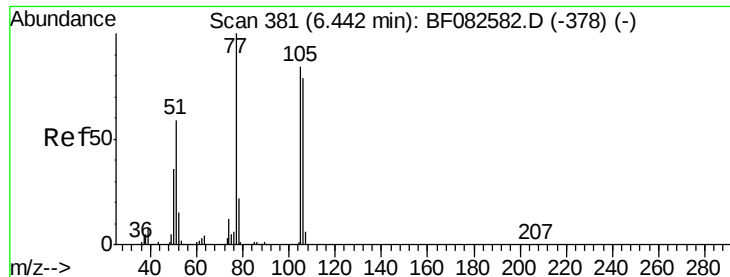
Ion Ratio Lower Upper

128 100

130 33.9 13.5 53.5

64 35.9 21.1 61.1





#9

Benzaldehyde

Concen: 32.37 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

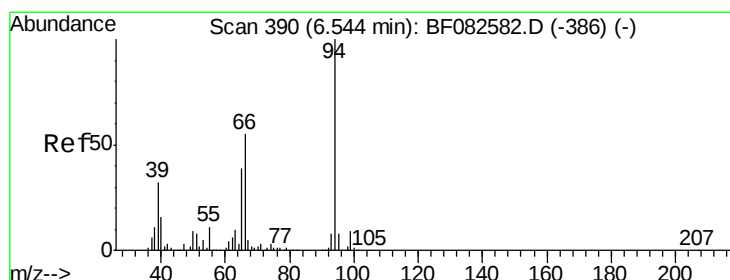
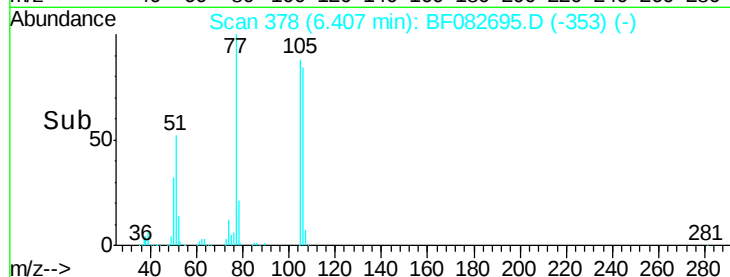
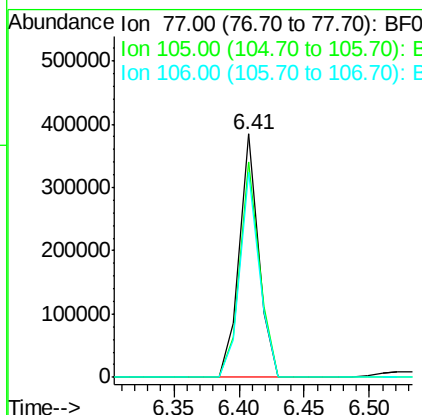
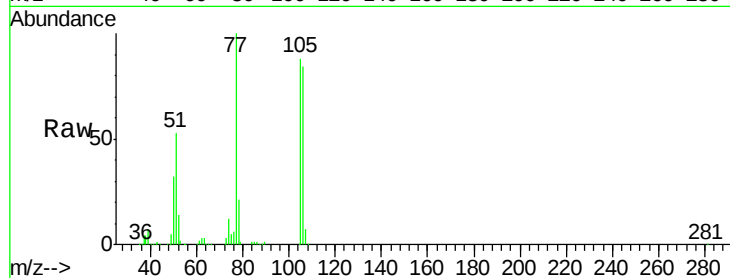
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 395142 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 88.2  | 63.5  | 103.5  |
| 106       | 84.2  | 59.3  | 99.3   |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#10

Phenol

Concen: 34.33 ng

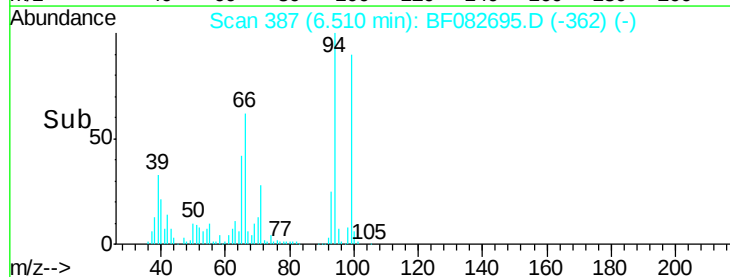
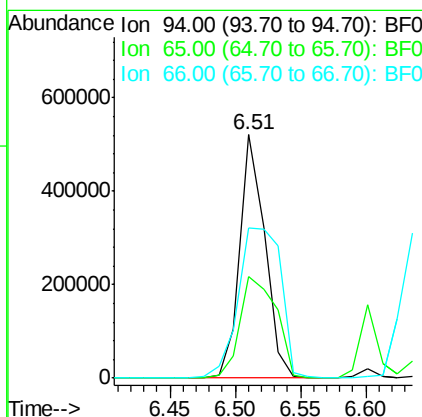
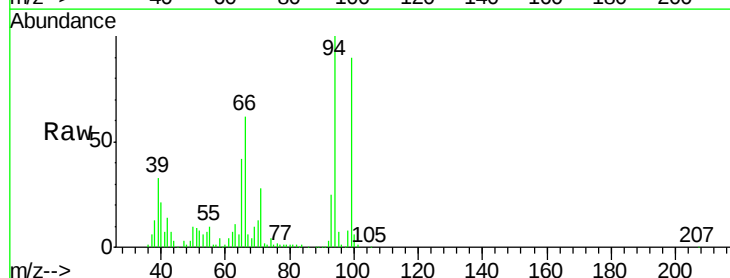
RT: 6.51 min Scan# 387

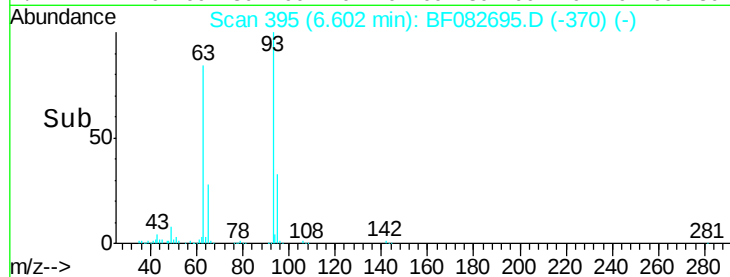
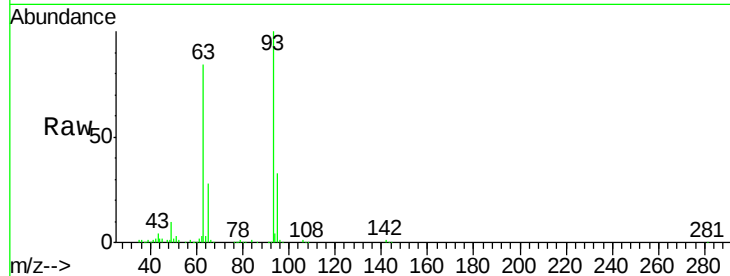
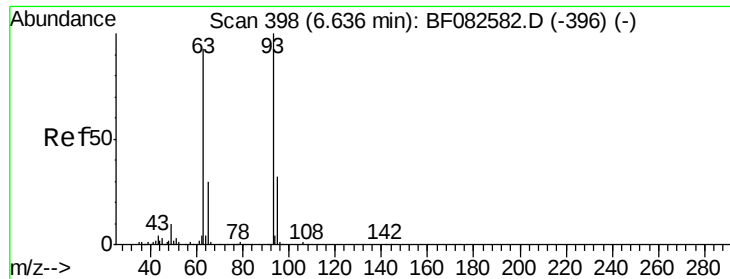
Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 695525 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 41.5  | 18.9  | 58.9   |
| 66        | 61.9  | 34.9  | 74.9   |





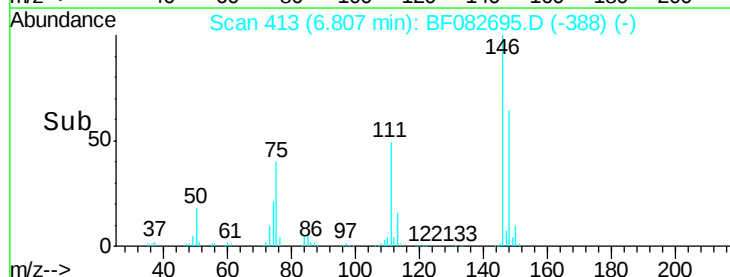
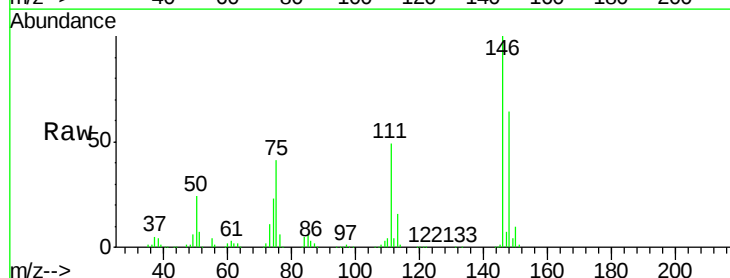
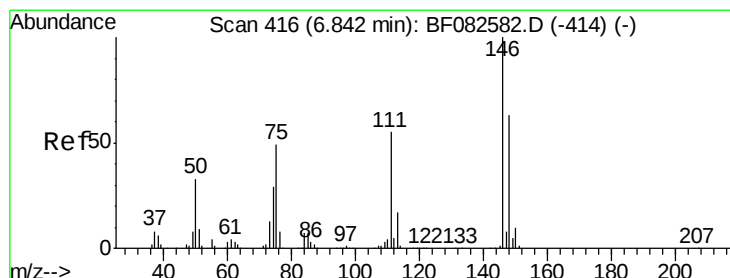
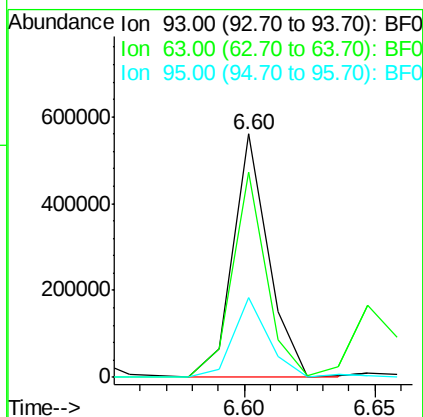
#11  
bis(2-Chloroethyl)ether  
Concen: 35.37 ng  
RT: 6.60 min Scan# 395  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tot Ion | 93    | Resp  | 528714 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 84.4  | 72.7  | 112.7  |
| 95      | 32.5  | 12.0  | 52.0   |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

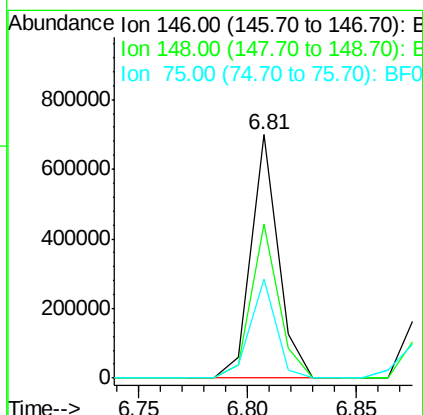
Manual Integrations  
APPROVED

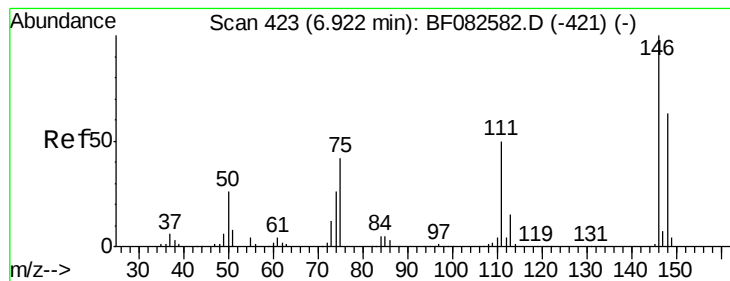
Mmdadoda  
11/5/2015 2:19:30 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.63 ng  
RT: 6.81 min Scan# 413  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | 146   | Resp  | 608263 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 63.5  | 50.5  | 75.7   |
| 75      | 40.8  | 39.5  | 59.3   |





#13

1,4-Dichlorobenzene

Concen: 41.47 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

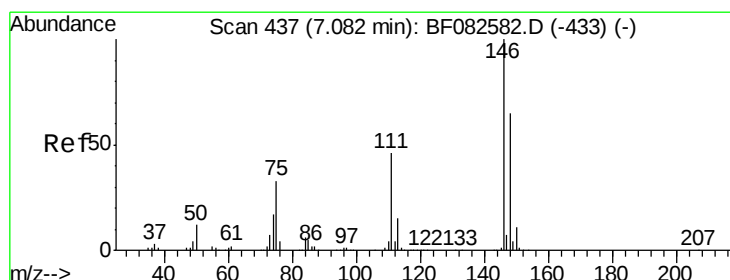
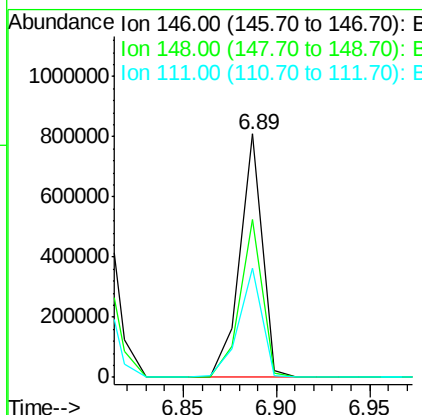
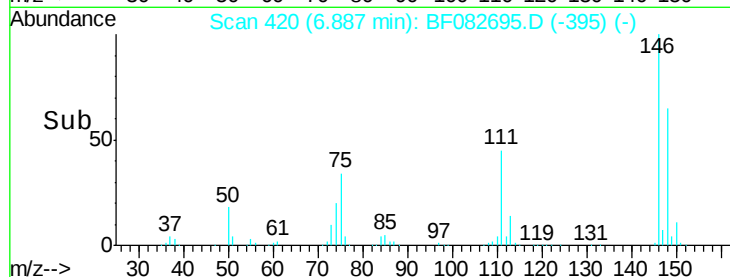
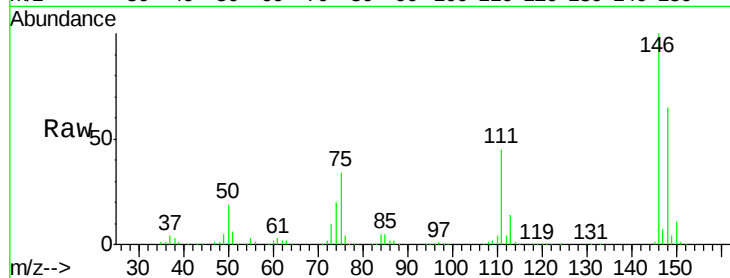
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 682913 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.1  | 50.8  | 76.2   |
| 111       | 45.0  | 40.6  | 60.8   |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#14

1,2-Dichlorobenzene

Concen: 38.27 ng

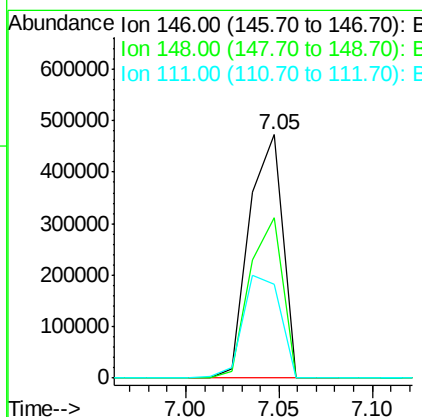
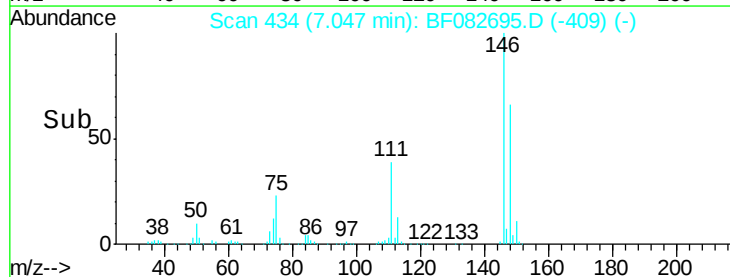
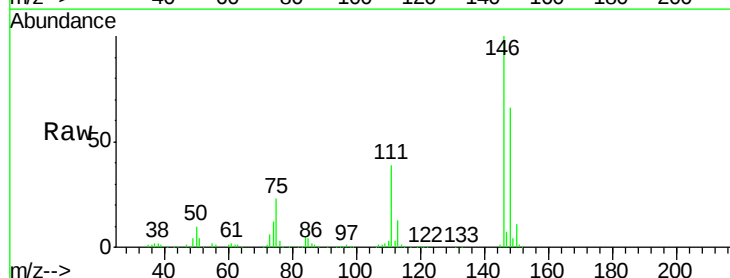
RT: 7.05 min Scan# 434

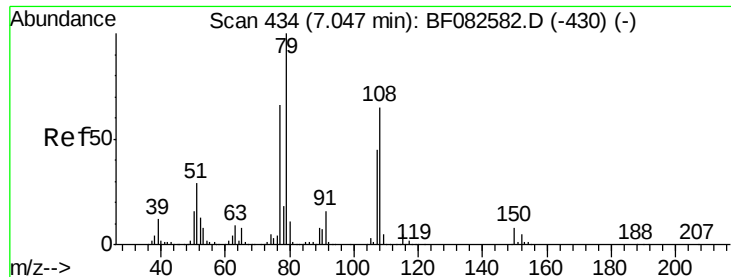
Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 585024 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.7  | 52.2  | 78.4   |
| 111       | 38.6  | 36.6  | 55.0   |





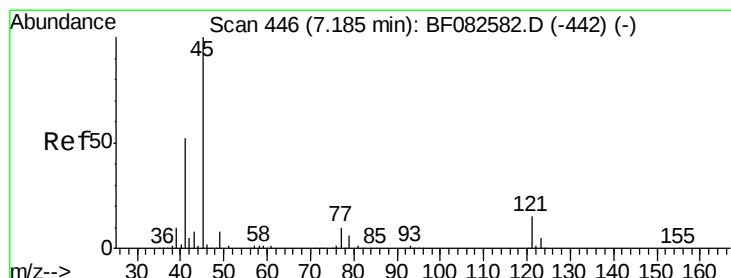
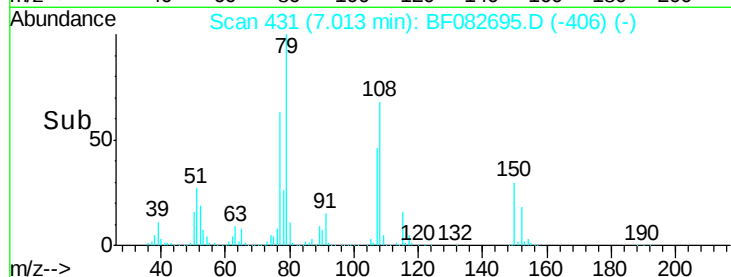
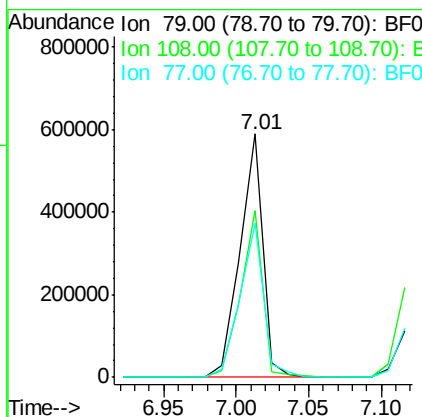
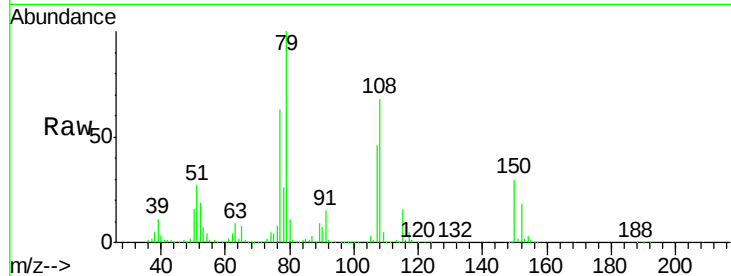
#15  
Benzyl Alcohol  
Concen: 38.66 ng  
RT: 7.01 min Scan# 431  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 68.3  | 52.2  | 78.4  |
| 77      | 63.4  | 52.7  | 79.1  |

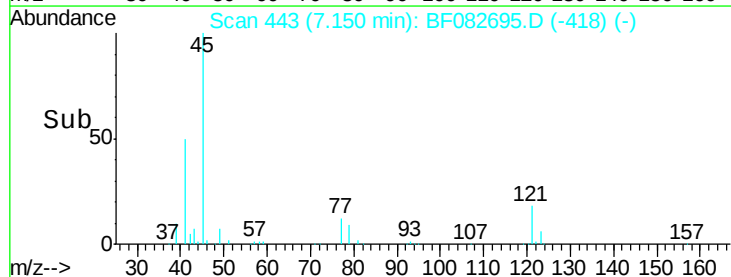
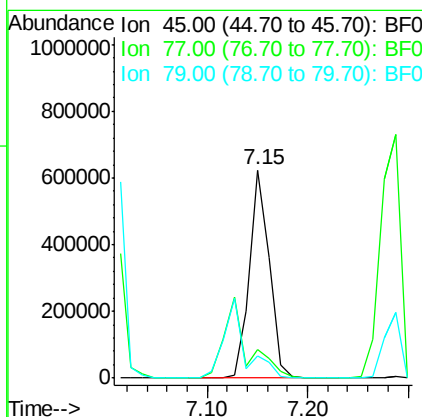
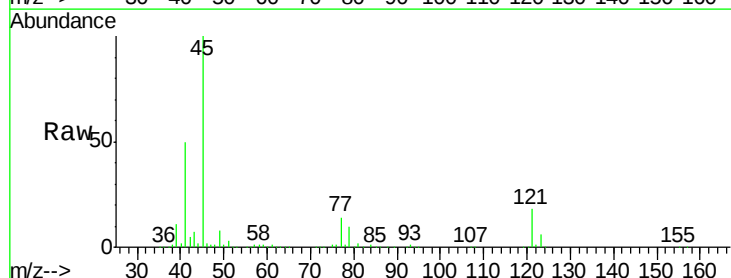
Manual Integrations  
APPROVED

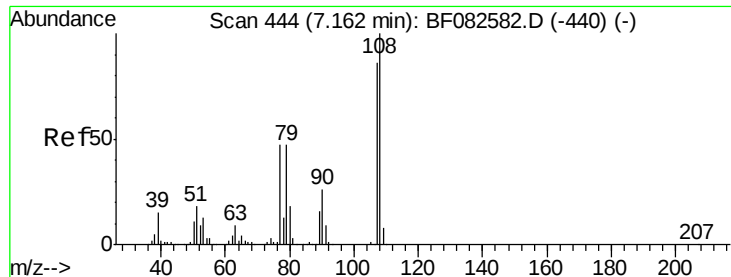
Mmdadoda  
11/5/2015 2:19:30 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.97 ng  
RT: 7.15 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.7  | 0.0   | 32.6  |
| 79      | 10.4  | 0.0   | 29.2  |





#17

2-Methylphenol

Concen: 38.81 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

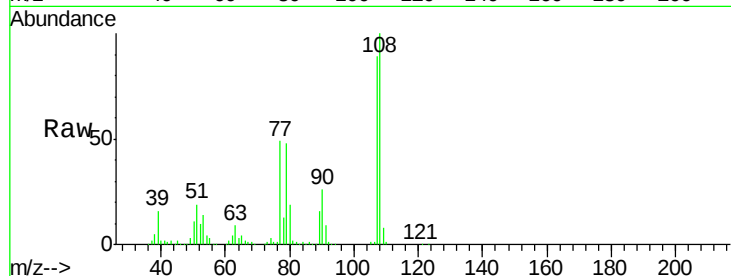
ClientSampleId :

SSTDCCC040

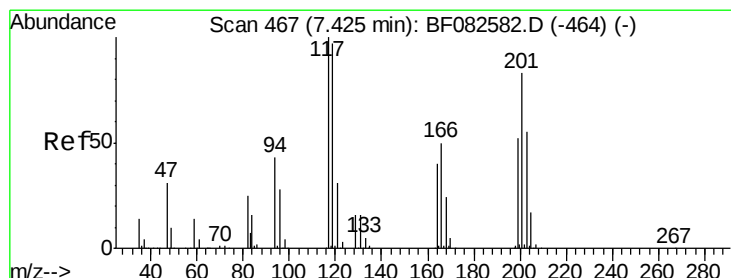
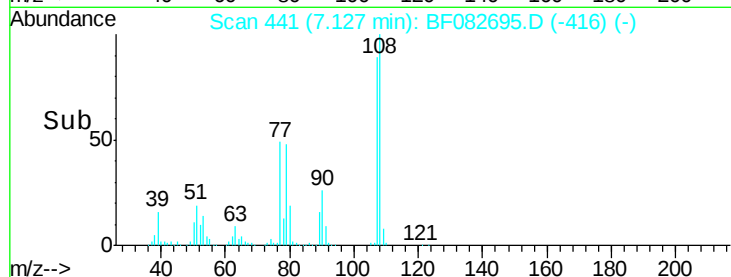
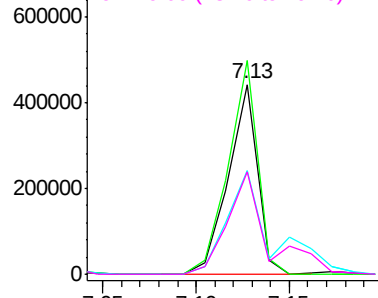
| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 107     | 107 | 100   | 480571 |       |       |
| 108     | 108 | 112.6 |        | 93.0  | 139.4 |
| 77      | 77  | 54.8  |        | 44.1  | 66.1  |
| 79      | 79  | 54.0  |        | 43.6  | 65.4  |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.50 ng

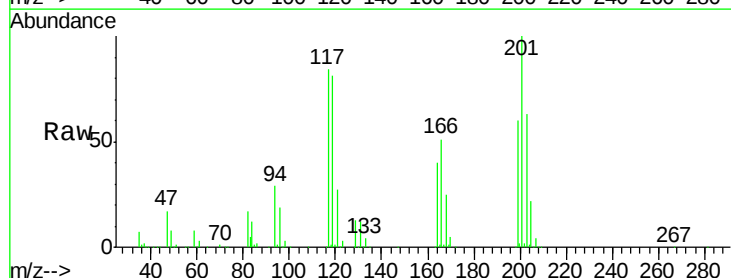
RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

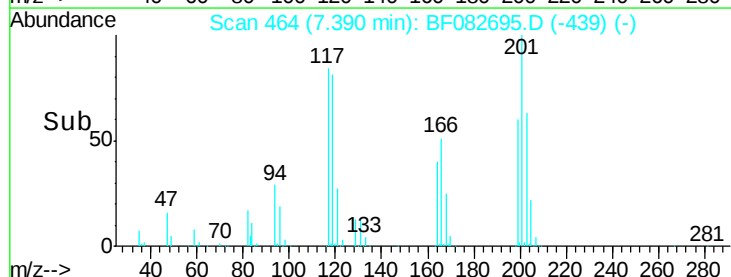
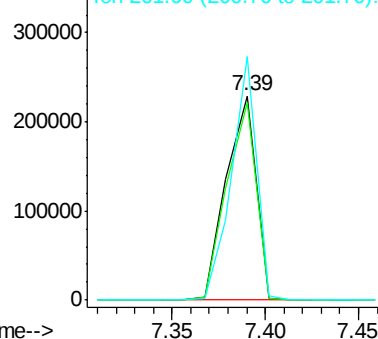
Lab File: BF082695.D

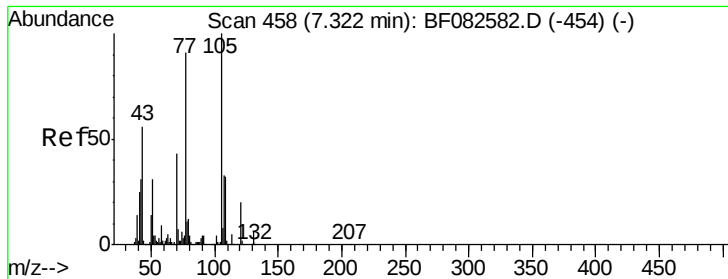
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper  |
|---------|-----|-------|--------|-------|--------|
| 117     | 117 | 100   | 253877 |       |        |
| 119     | 119 | 96.9  |        | 77.7  | 116.5  |
| 201     | 201 | 119.1 |        | 66.7  | 100.1# |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





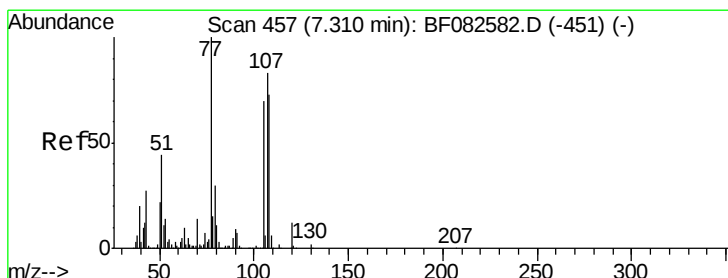
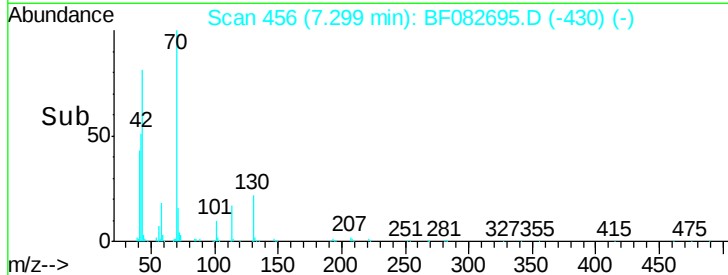
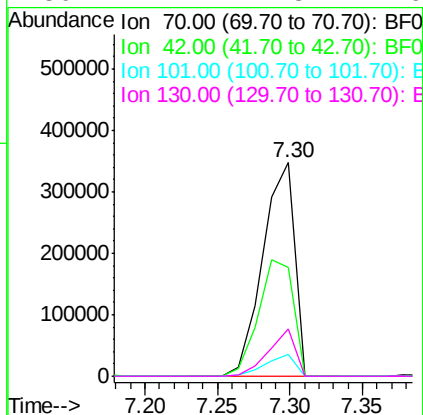
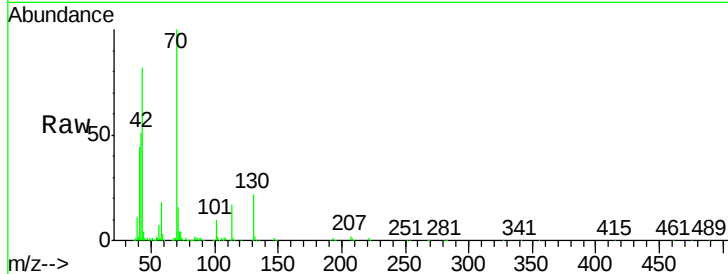
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.90 ng  
RT: 7.30 min Scan# 456  
Delta R.T. 0.00 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 51.1  | 57.7  | 86.5# |
| 101     | 10.0  | 7.0   | 10.6  |
| 130     | 22.2  | 11.8  | 17.6# |

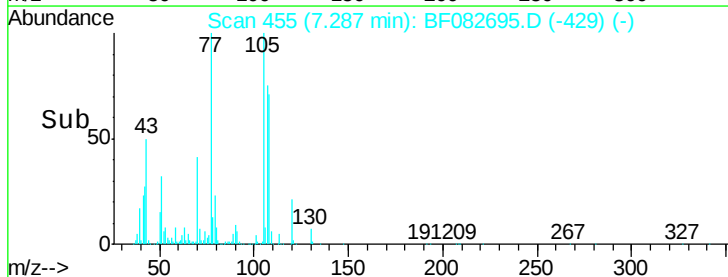
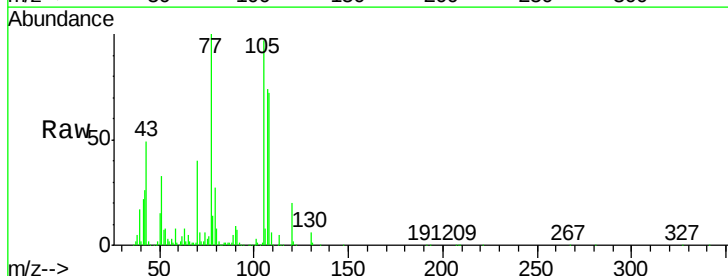
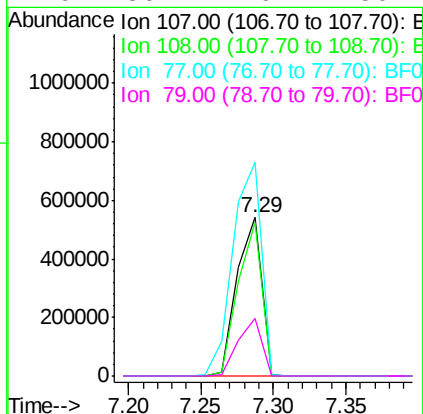
Manual Integrations  
APPROVED

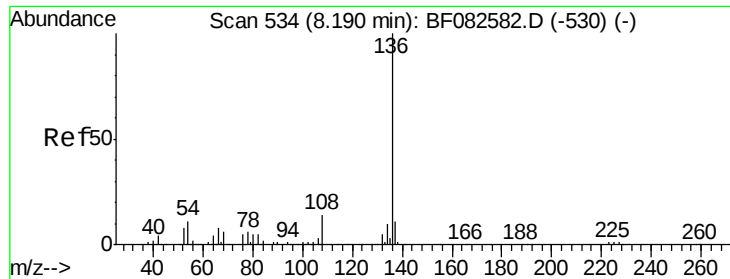
Mmdadoda  
11/5/2015 2:19:30 PM



#20  
3+4-Methylphenols  
Concen: 39.81 ng  
RT: 7.29 min Scan# 455  
Delta R.T. 0.00 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 96.7  | 67.3  | 107.3 |
| 77      | 134.8 | 100.3 | 140.3 |
| 79      | 36.2  | 16.2  | 56.2  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

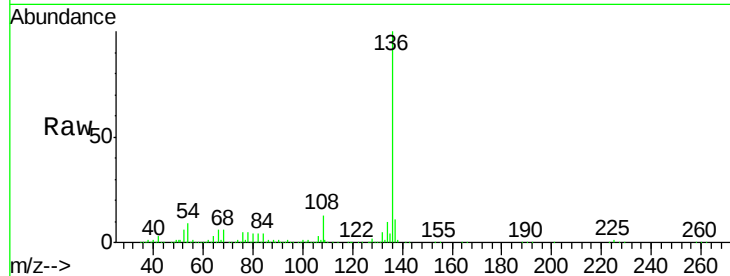
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 812464 |       |       |
| 137     | 11.2 |       | 9.1    | 13.7  |       |
| 54      | 9.4  |       | 9.1    | 13.7  |       |
| 68      | 5.8  |       | 4.8    | 7.2   |       |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM

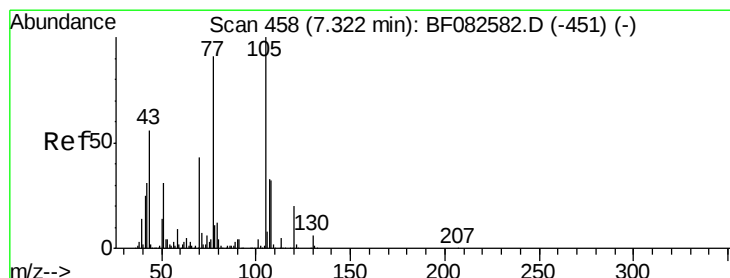
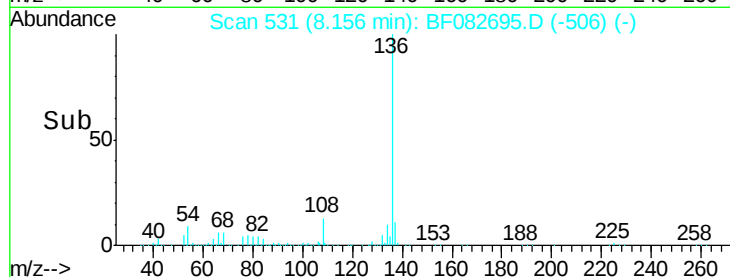
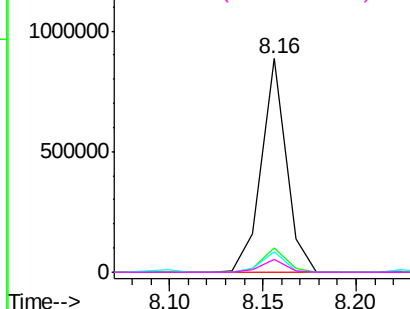


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.14 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

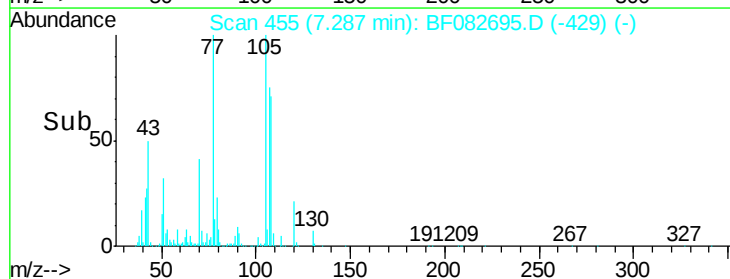
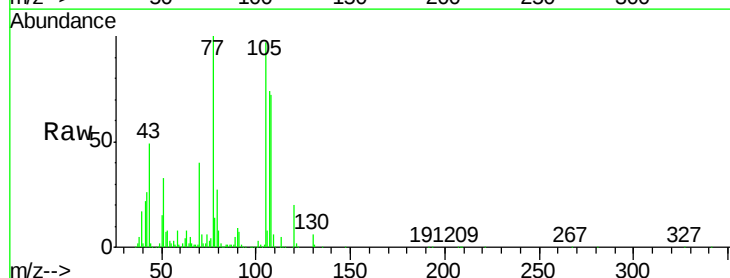
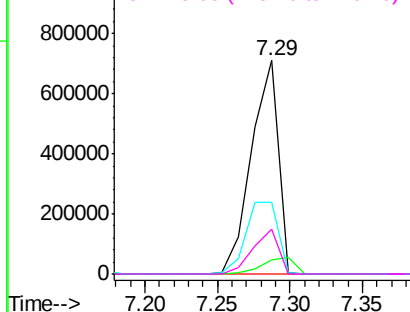
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 912329 |       |       |
| 71      | 6.6  |       | 5.6    | 8.4   |       |
| 51      | 33.5 |       | 24.9   | 37.3  |       |
| 120     | 20.8 |       | 15.8   | 23.8  |       |

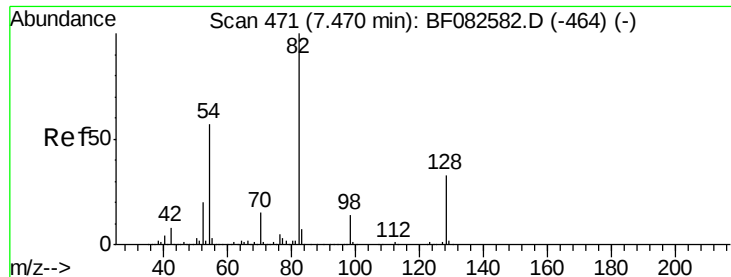
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





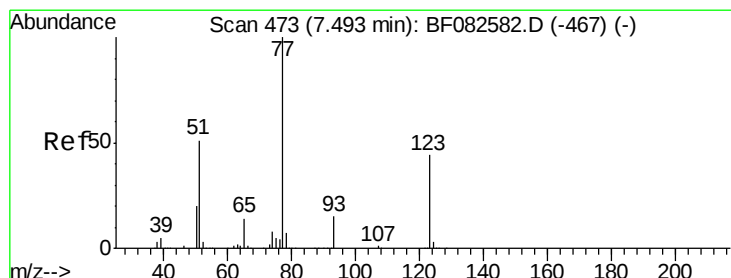
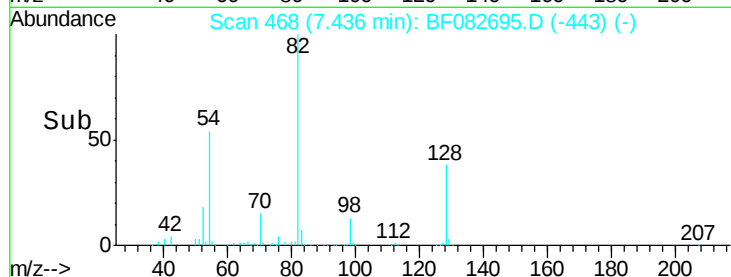
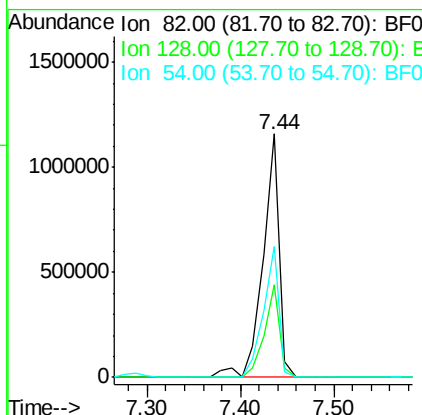
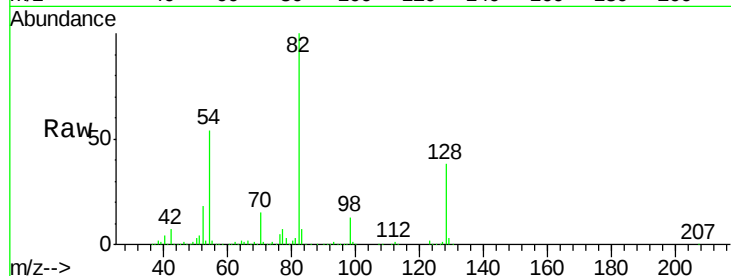
#23  
 Nitrobenzene-d5  
 Concen: 70.84 ng  
 RT: 7.44 min Scan# 468  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.0  | 26.8  | 40.2  |
| 54      | 53.9  | 45.7  | 68.5  |

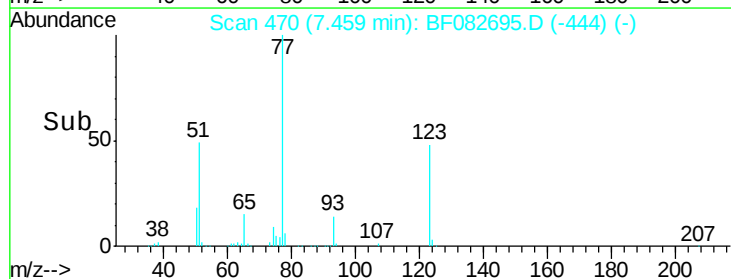
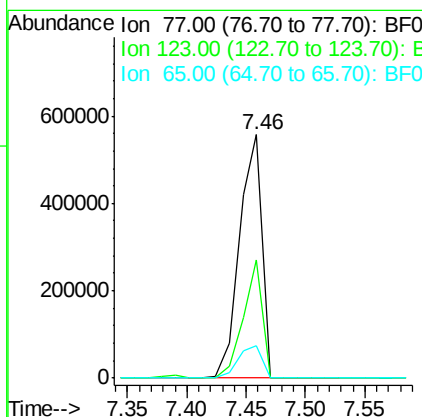
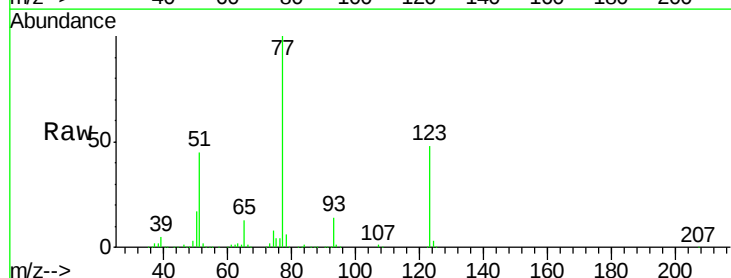
Manual Integrations  
 APPROVED

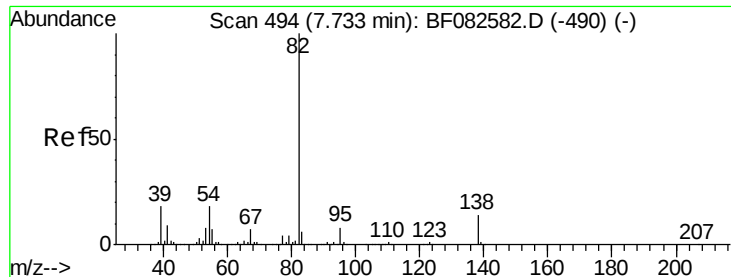
Mmdadoda  
 11/5/2015 2:19:30 PM



#24  
 Nitrobenzene  
 Concen: 36.26 ng  
 RT: 7.46 min Scan# 470  
 Delta R.T. 0.00 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 48.3  | 36.4  | 54.6  |
| 65      | 13.2  | 11.5  | 17.3  |





#25

Isophorone

Concen: 36.09 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1321057

Ion Ratio Lower Upper

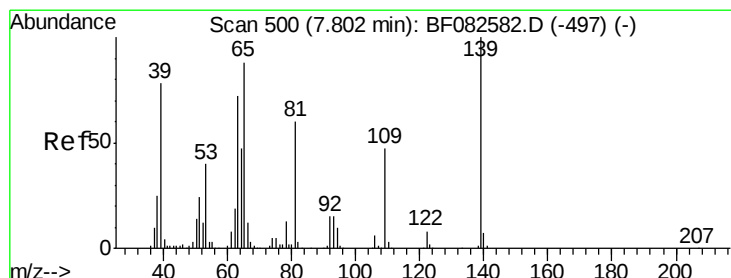
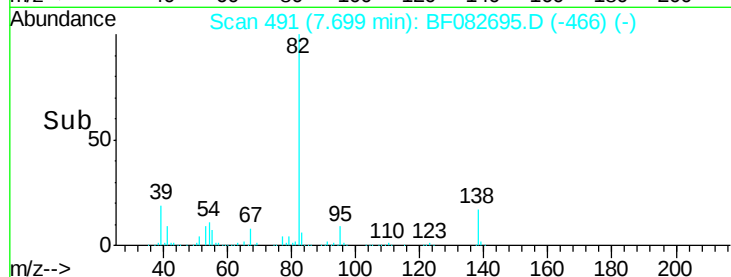
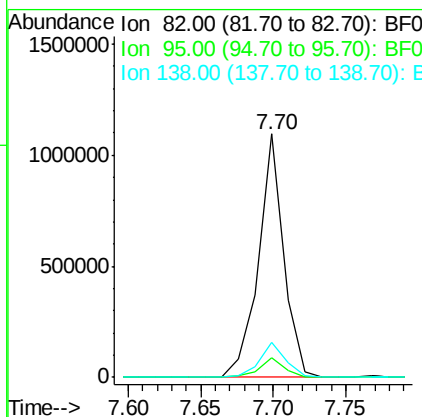
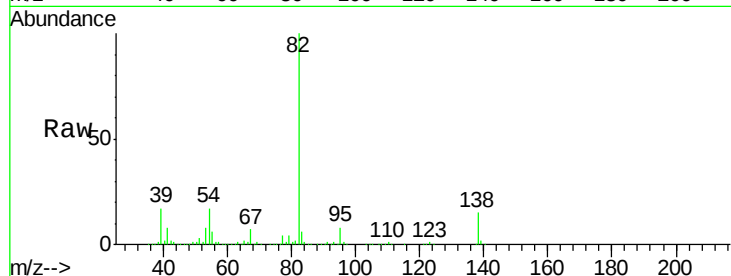
82 100

95 7.8 6.6 9.8

138 14.6 11.4 17.0

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#26

2-Nitrophenol

Concen: 37.96 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

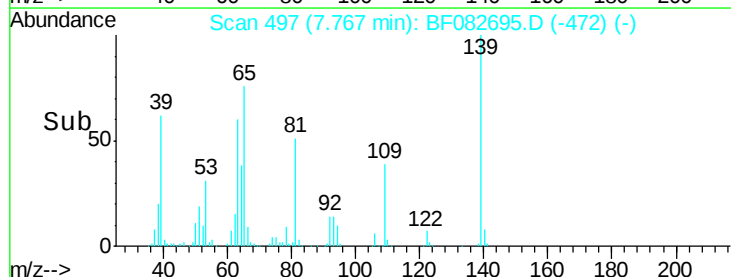
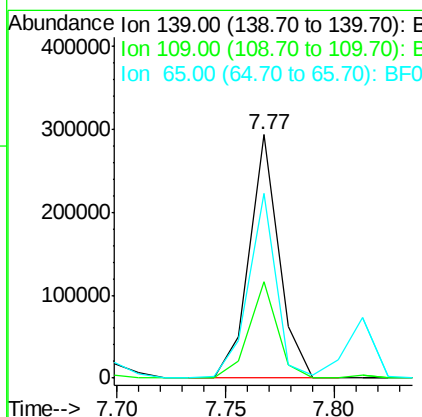
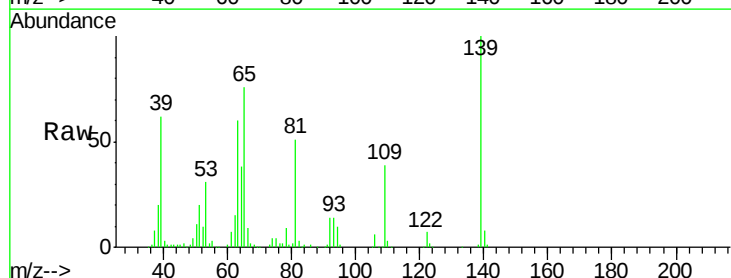
Tgt Ion: 139 Resp: 278846

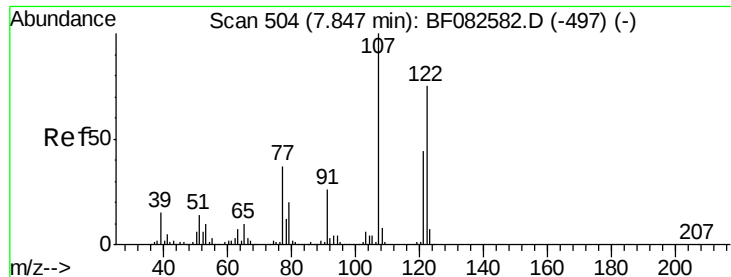
Ion Ratio Lower Upper

139 100

109 39.4 37.6 56.4

65 75.8 70.6 105.8





#27

2,4-Dimethylphenol

Concen: 37.87 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

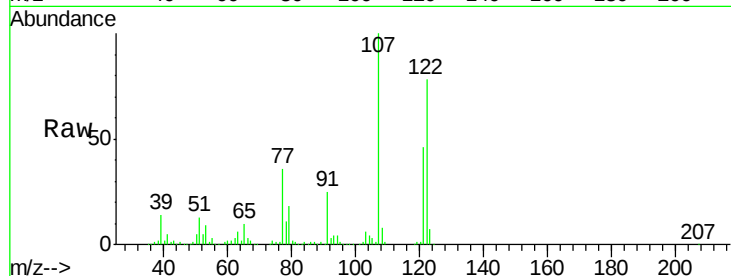
ClientSampleId :

SSTDCCC040

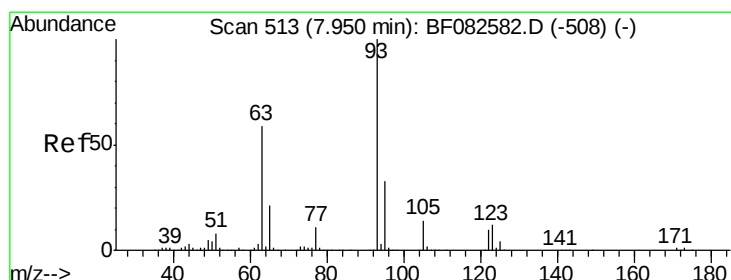
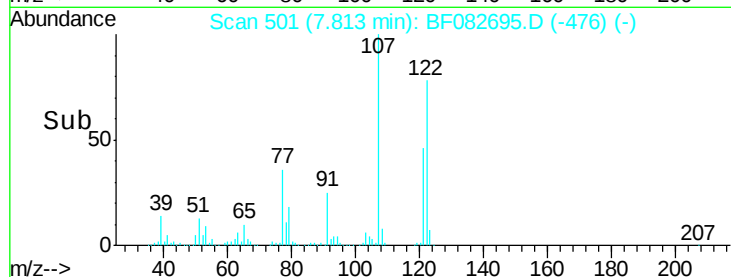
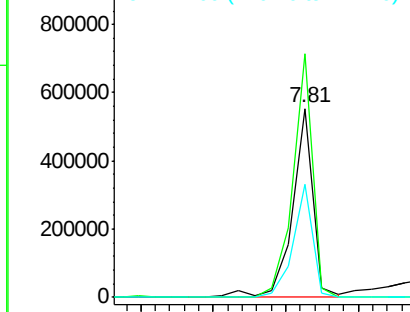
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 543103 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 128.9 | 106.0 | 159.0  |
| 121       | 59.8  | 46.7  | 70.1   |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.03 ng

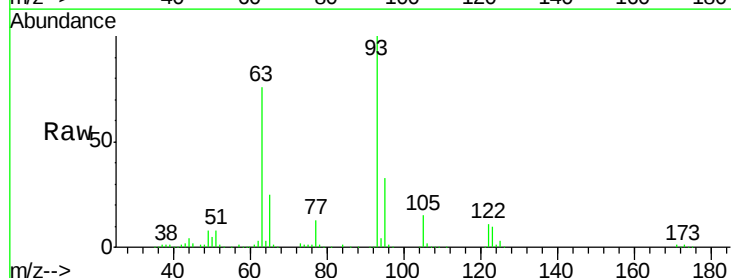
RT: 7.90 min Scan# 509

Delta R.T. -0.01 min

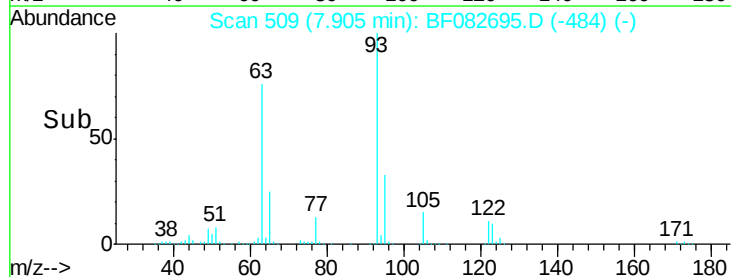
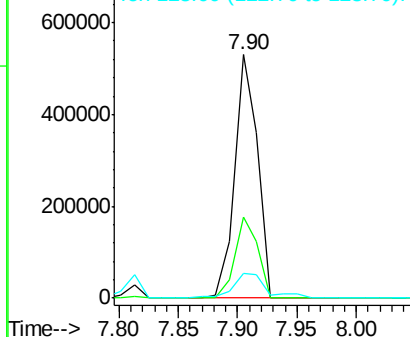
Lab File: BF082695.D

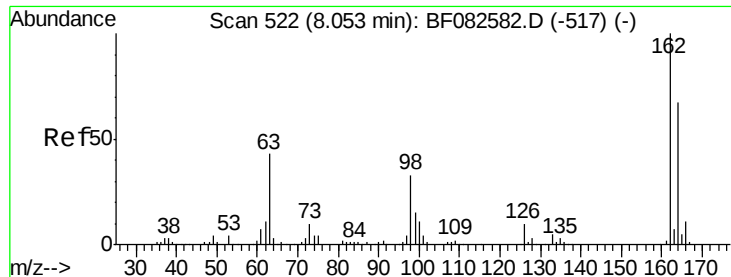
Acq: 4 Nov 2015 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 701375 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 33.1  | 26.6  | 40.0   |
| 123       | 10.1  | 9.7   | 14.5   |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 123.00 (122.70 to 123.70): E





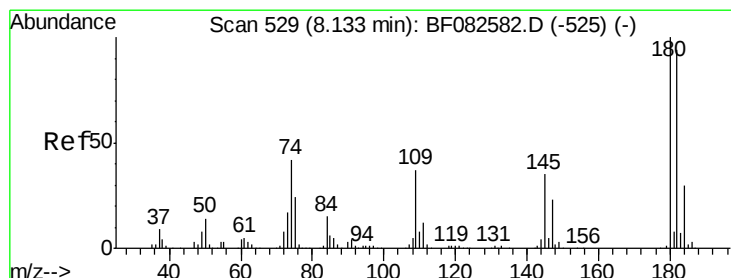
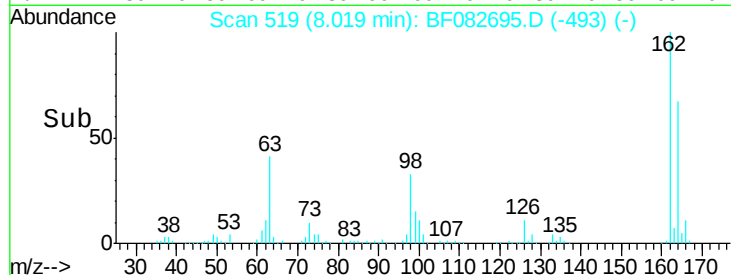
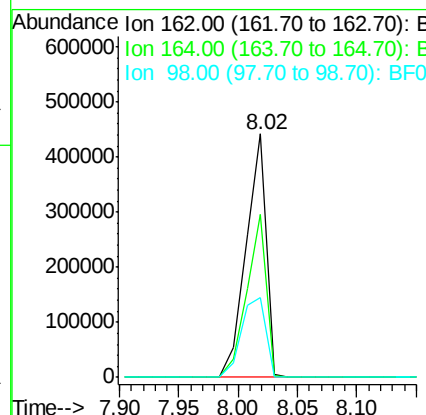
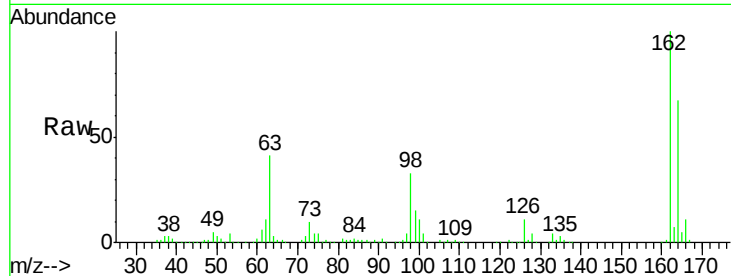
#29  
 2,4-Dichlorophenol  
 Concen: 40.00 ng  
 RT: 8.02 min Scan# 519  
 Delta R.T. 0.00 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 66.7  | 46.8       | 86.8  |
| 98      | 32.8  | 12.5       | 52.5  |

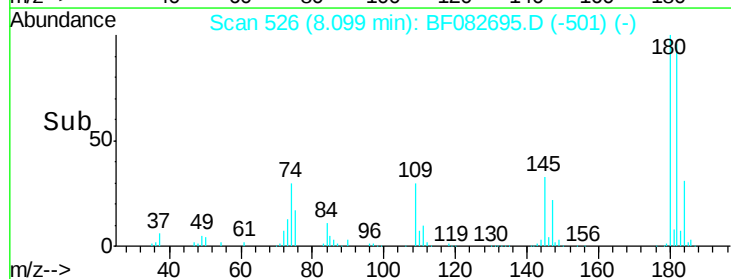
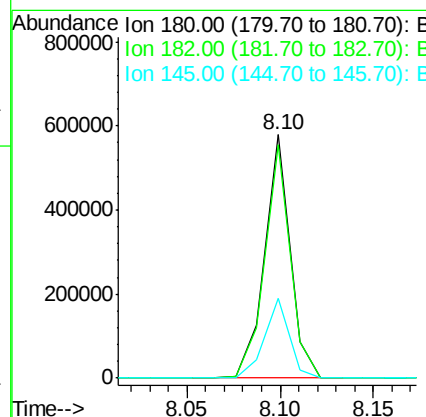
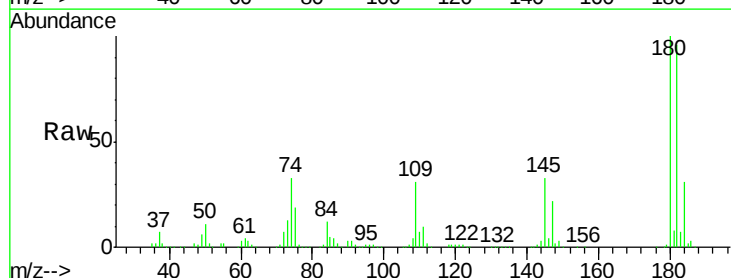
Manual Integrations  
 APPROVED

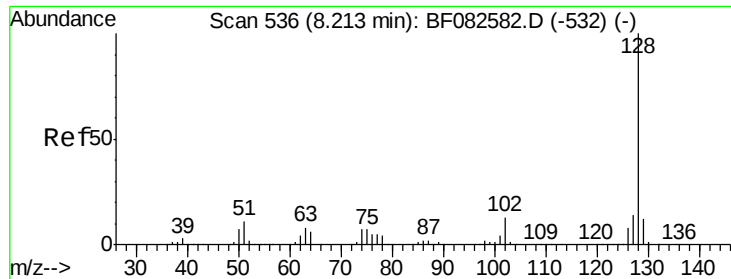
Mmdadoda  
 11/5/2015 2:19:30 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.68 ng  
 RT: 8.10 min Scan# 526  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 96.1  | 74.9       | 112.3 |
| 145     | 32.6  | 27.8       | 41.8  |





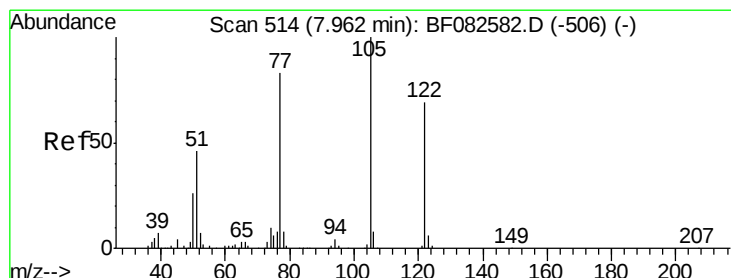
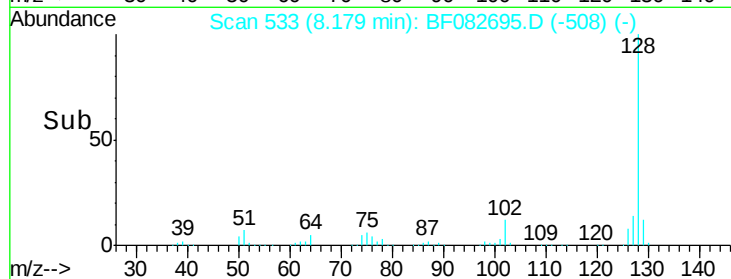
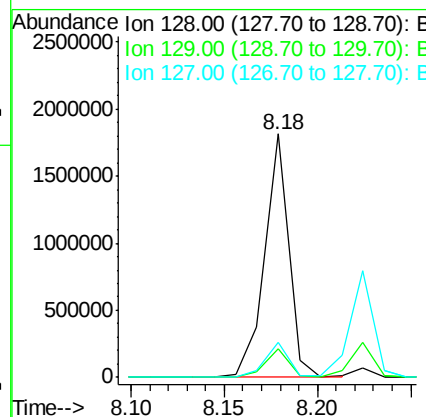
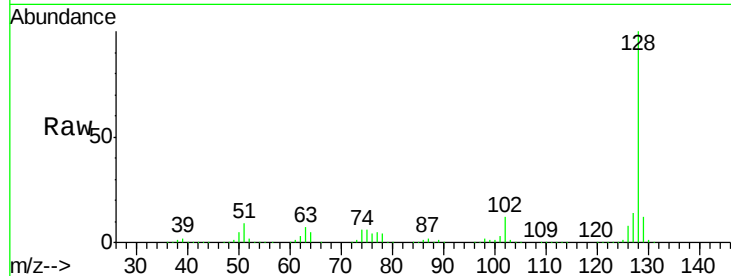
#31  
Naphthalene  
Concen: 36.62 ng  
RT: 8.18 min Scan# 533  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 1609964  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.5 14.3  
127 14.5 11.4 17.0

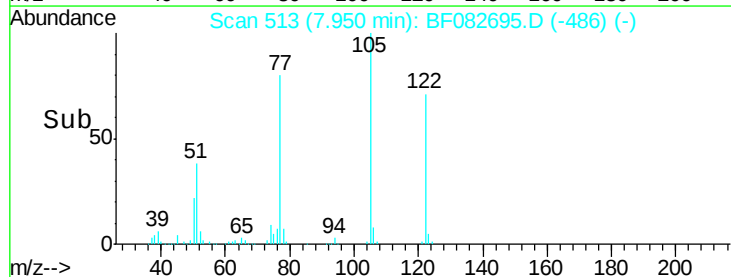
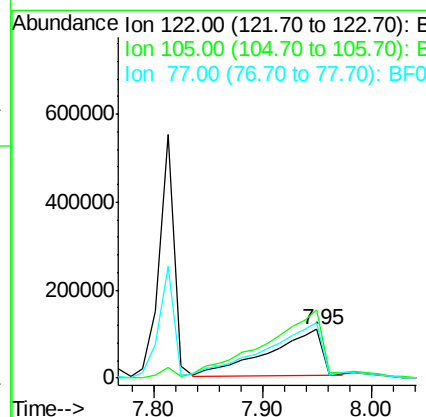
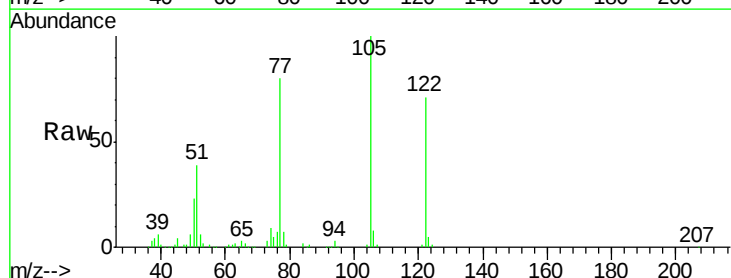
Manual Integrations  
APPROVED

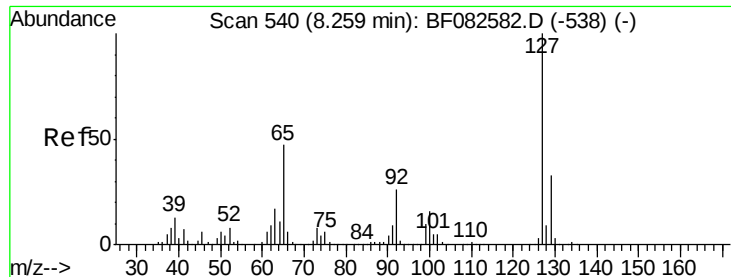
Mmdadoda  
11/5/2015 2:19:30 PM



#32  
Benzoic acid  
Concen: 34.61 ng  
RT: 7.95 min Scan# 513  
Delta R.T. 0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Tgt Ion:122 Resp: 360046  
Ion Ratio Lower Upper  
122 100  
105 140.7 122.6 162.6  
77 112.4 100.9 140.9





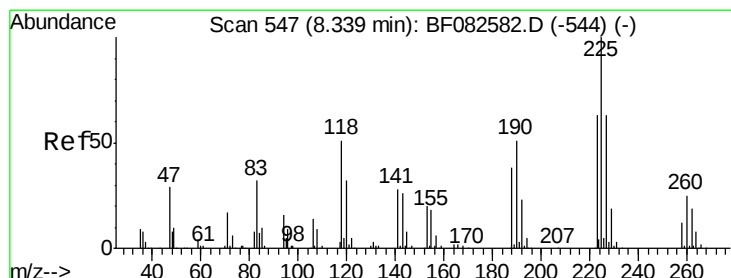
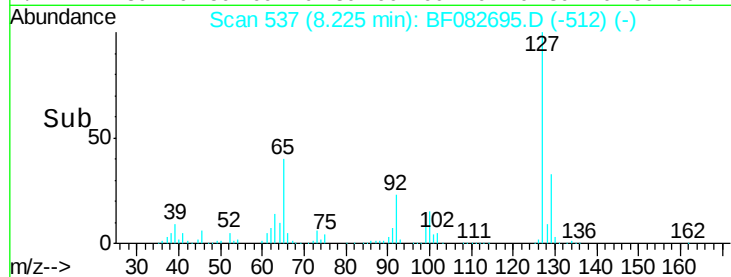
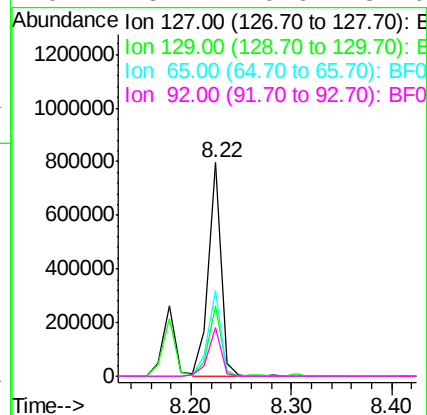
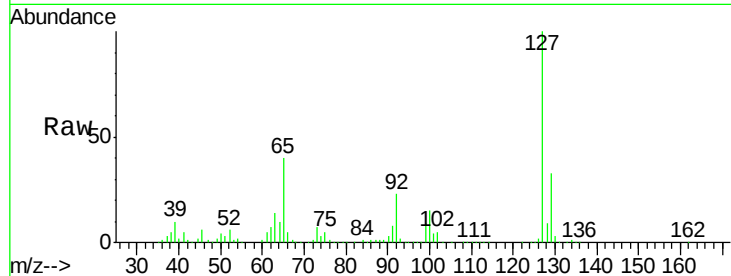
#33  
4-Chloroaniline  
Concen: 37.40 ng  
RT: 8.22 min Scan# 537  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.2 | 26.3  | 39.5 |       |       |
| 65      | 40.2 | 37.8  | 56.8 |       |       |
| 92      | 23.1 | 20.6  | 31.0 |       |       |

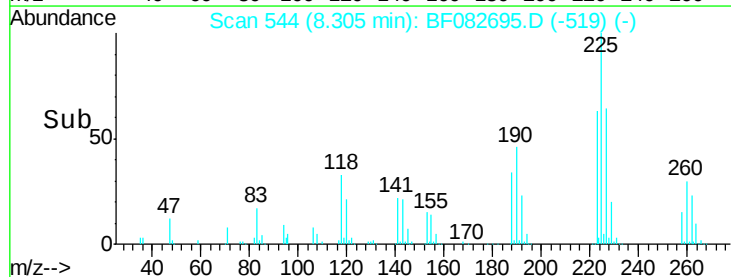
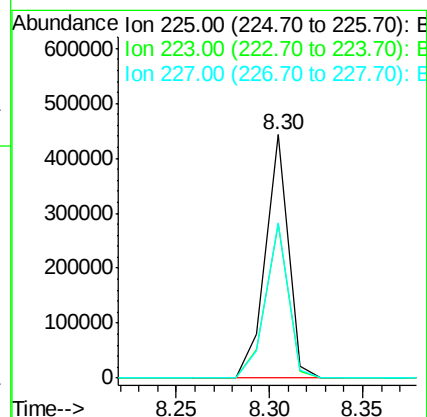
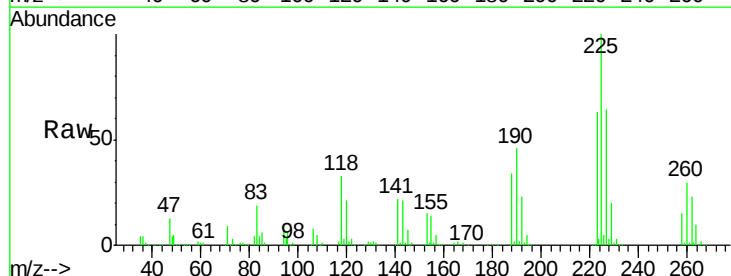
Manual Integrations  
APPROVED

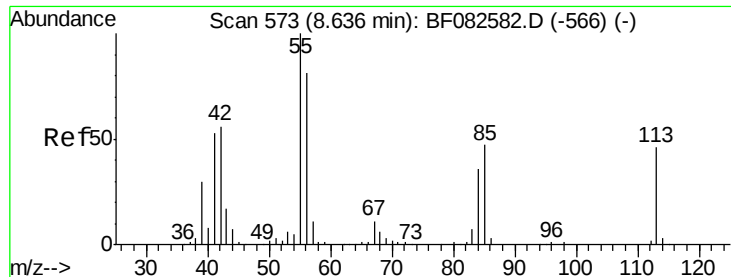
Mmdadoda  
11/5/2015 2:19:30 PM



#34  
Hexachlorobutadiene  
Concen: 40.68 ng  
RT: 8.30 min Scan# 544  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.4 | 50.5  | 75.7 |       |       |
| 227     | 64.0 | 50.2  | 75.2 |       |       |





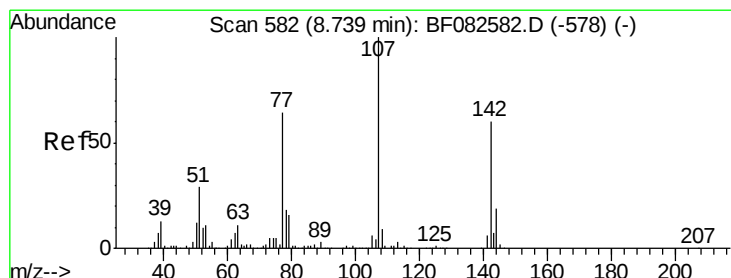
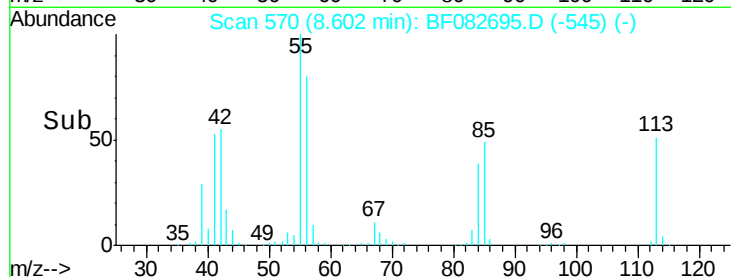
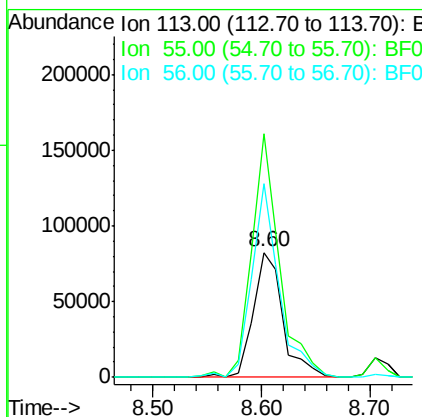
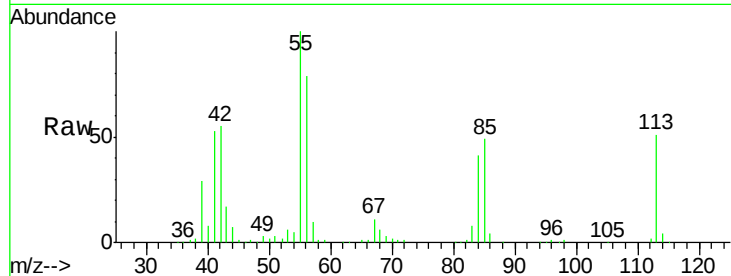
#35  
 Caprolactam  
 Concen: 39.08 ng  
 RT: 8.60 min Scan# 570  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 195.4 | 195.5 | 235.5# |
| 56      | 155.0 | 153.5 | 193.5  |

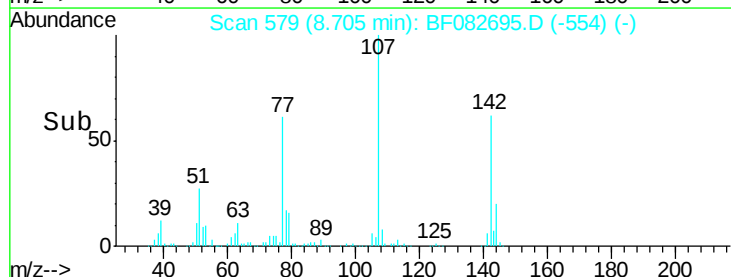
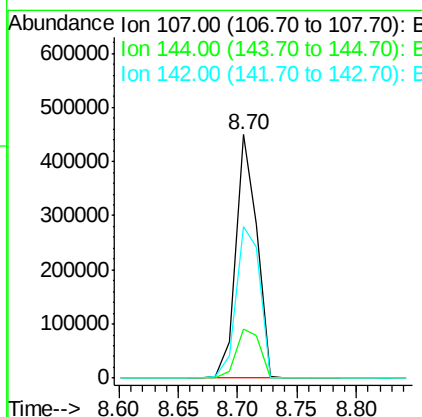
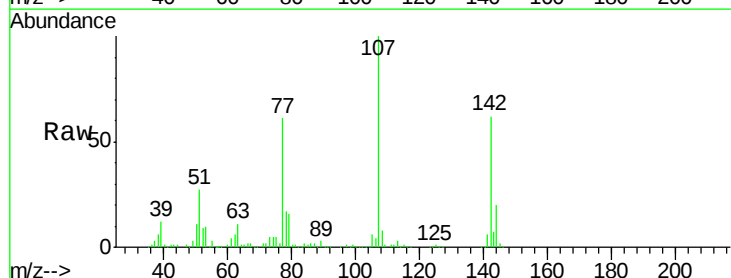
Manual Integrations  
 APPROVED

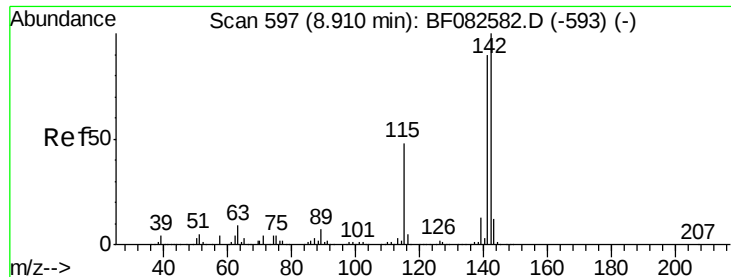
Mmdadoda  
 11/5/2015 2:19:30 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 36.08 ng  
 RT: 8.70 min Scan# 579  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 19.9  | 15.4  | 23.0  |
| 142     | 62.1  | 47.8  | 71.8  |





#37

2-Methylnaphthalene

Concen: 40.44 ng/ml

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:142 Resp: 1152248

Ion Ratio Lower Upper

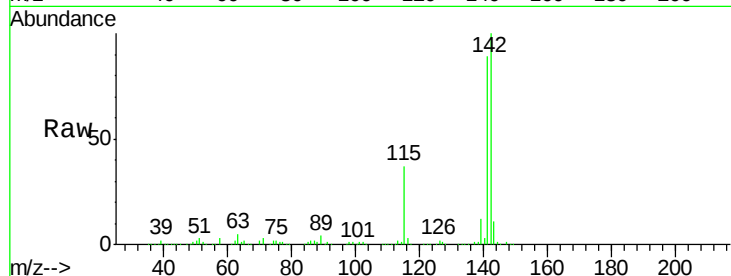
142 100

141 89.0 72.3 108.5

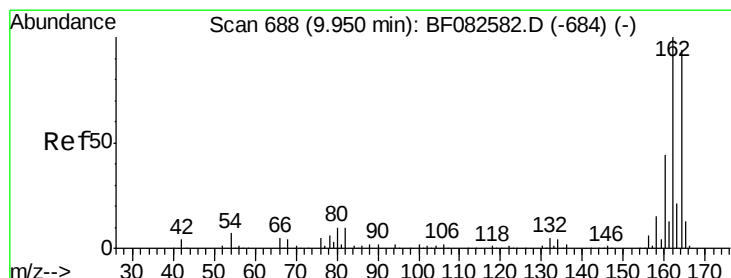
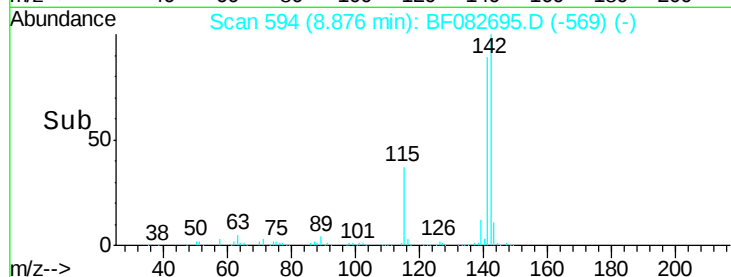
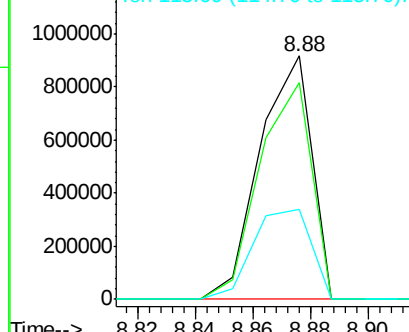
115 36.8 38.1 57.1#

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



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/ml

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

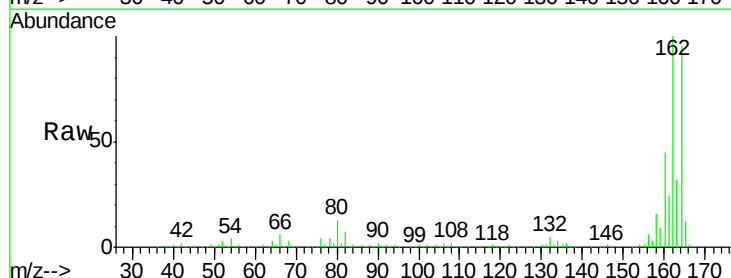
Tgt Ion:164 Resp: 434637

Ion Ratio Lower Upper

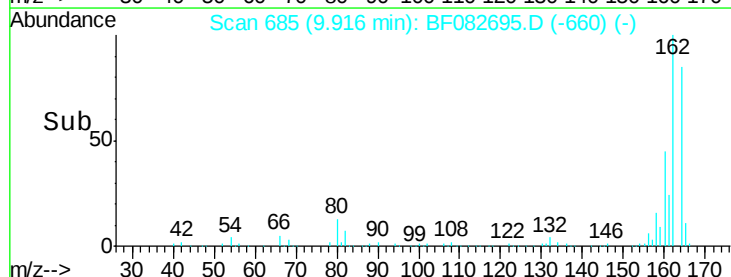
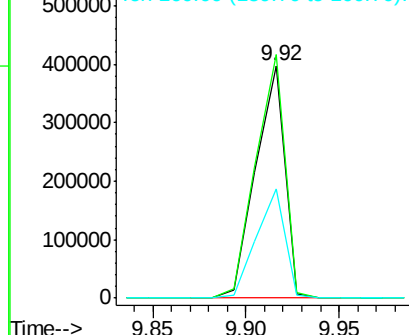
164 100

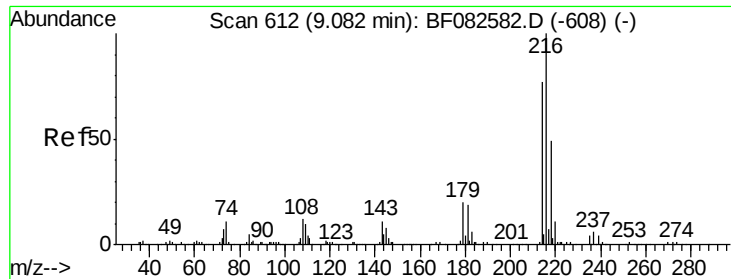
162 104.7 84.9 127.3

160 47.0 37.5 56.3



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: 35.55 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF082695.D

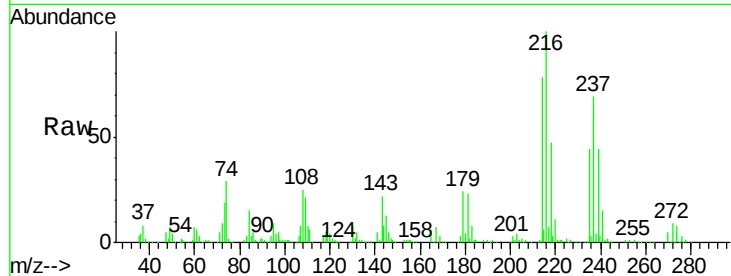
Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



Tot Ion:216 Resp: 515533

Ion Ratio Lower Upper

216 100

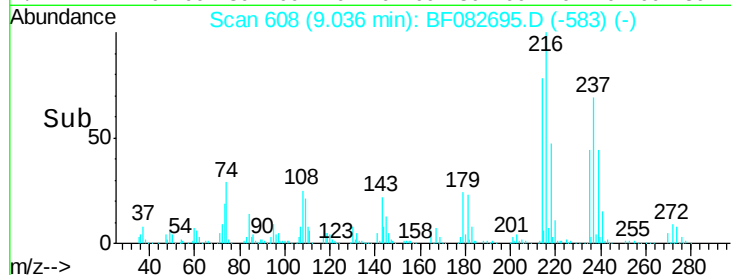
214 78.0 62.2 93.2

179 21.6 18.1 27.1

108 20.6 16.6 25.0

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM

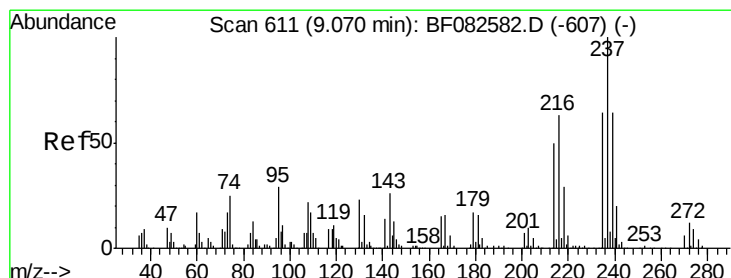
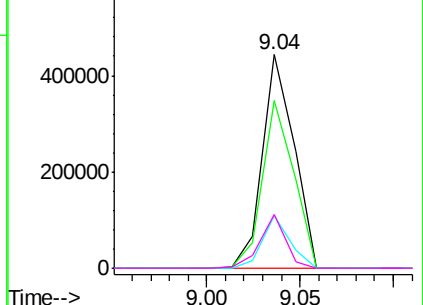


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.81 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

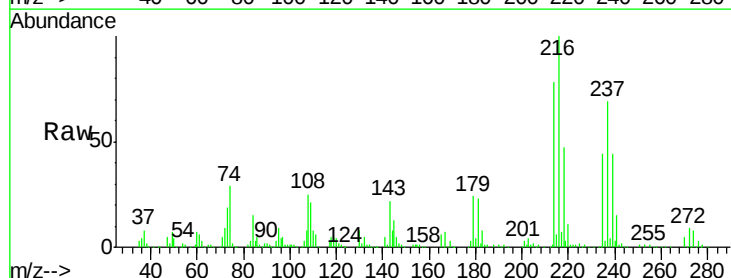
Tgt Ion:237 Resp: 335635

Ion Ratio Lower Upper

237 100

235 63.7 44.3 84.3

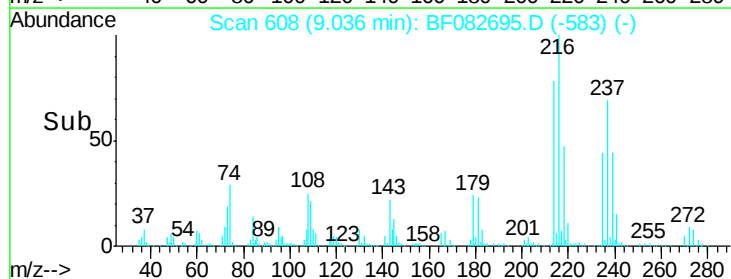
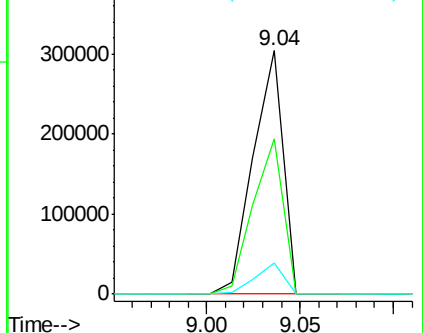
272 13.0 0.0 31.9

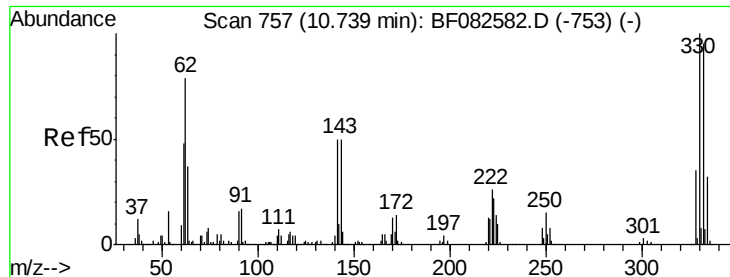


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





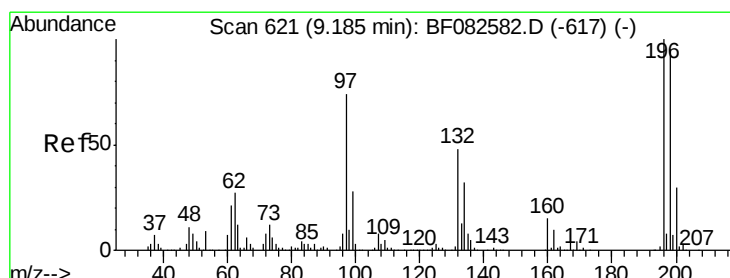
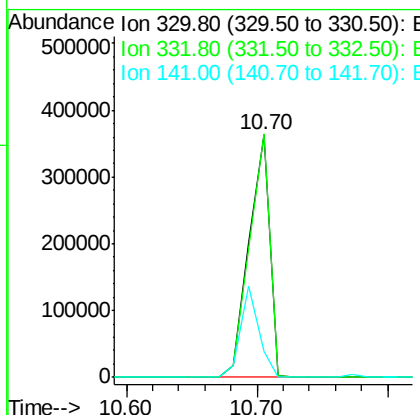
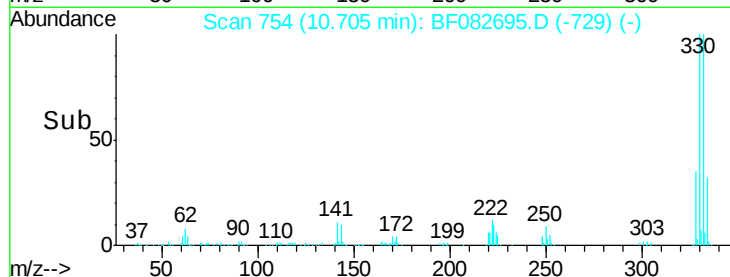
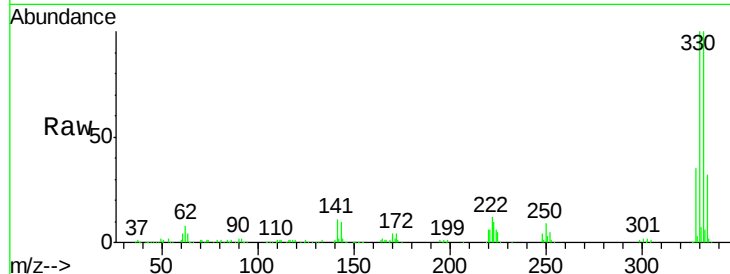
#41  
 2,4,6-Tribromophenol  
 Concen: 84.68 ng  
 RT: 10.70 min Scan# 754  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 98.3  | 76.6 | 114.8 |       |
| 141     | 33.3  | 41.2 | 61.8# |       |

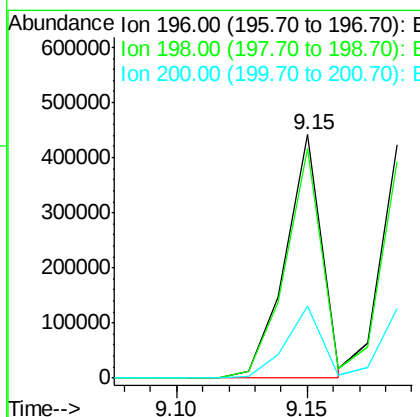
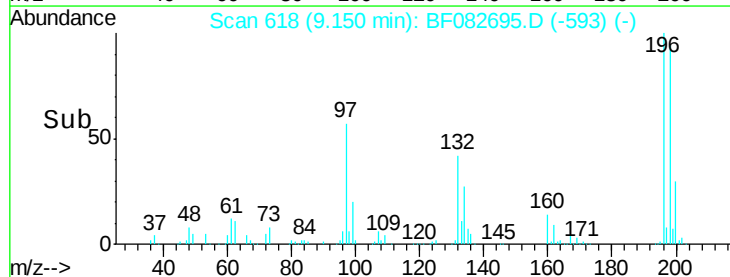
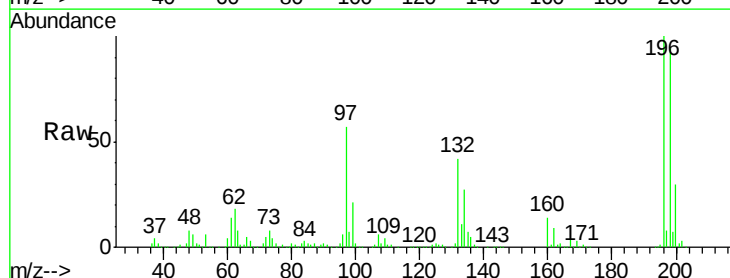
Manual Integrations  
 APPROVED

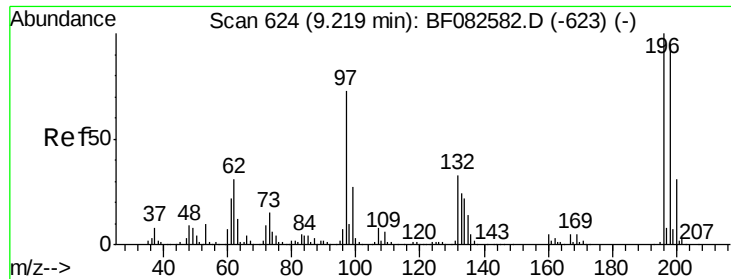
Mmdadoda  
 11/5/2015 2:19:30 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.52 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.0  | 76.3 | 114.5 |       |
| 200     | 29.6  | 23.9 | 35.9  |       |





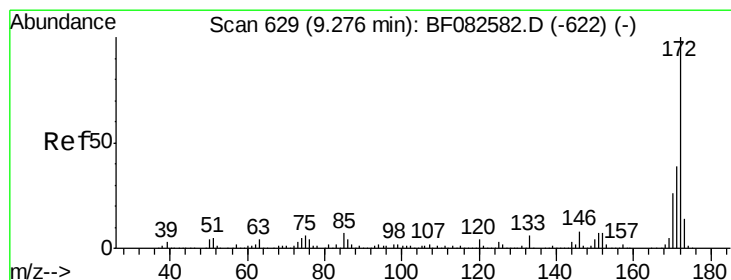
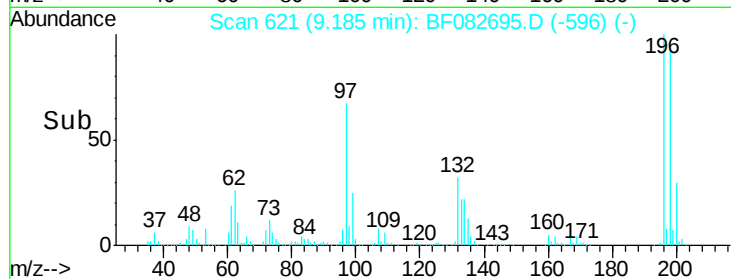
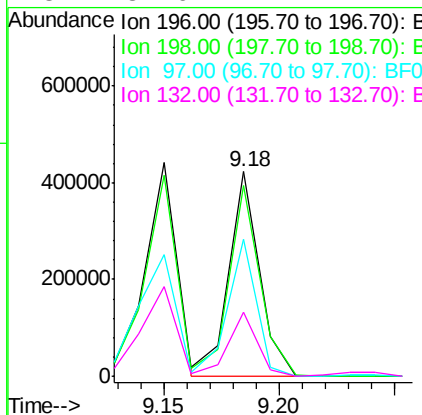
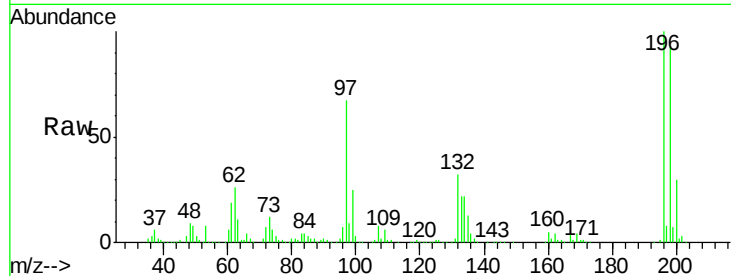
#43  
 2,4,5-Trichlorophenol  
 Concen: 37.50 ng/ml  
 RT: 9.18 min Scan# 621  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 391248 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.2  | 75.8  | 113.8  |
| 97        | 66.8  | 62.3  | 93.5   |
| 132       | 31.6  | 27.4  | 41.2   |

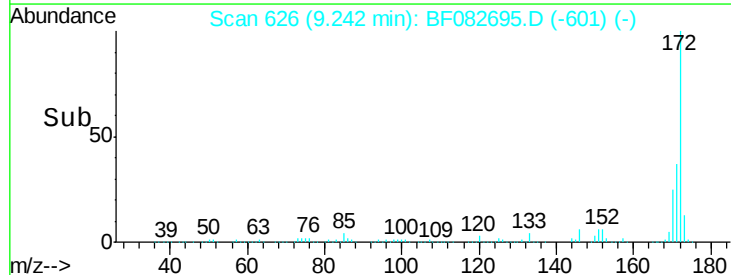
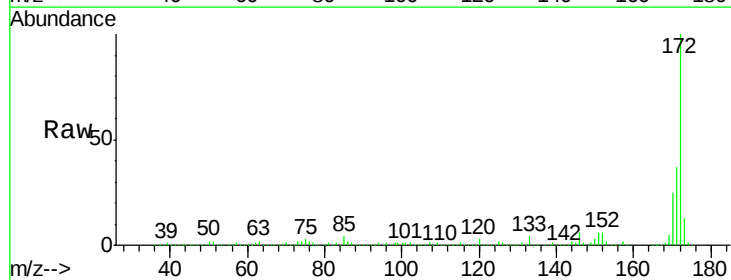
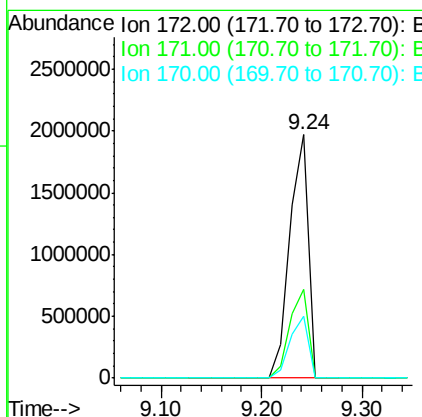
Manual Integrations  
 APPROVED

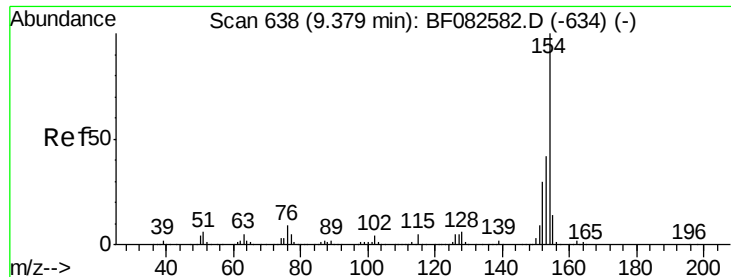
Mmdadoda  
 11/5/2015 2:19:30 PM



#44  
 2-Fluorobiphenyl  
 Concen: 81.73 ng  
 RT: 9.24 min Scan# 626  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 2501924 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.6  | 30.8  | 46.2    |
| 170       | 25.3  | 21.2  | 31.8    |





#45

1,1'-Biphenyl

Concen: 34.19 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1255383

Ion Ratio Lower Upper

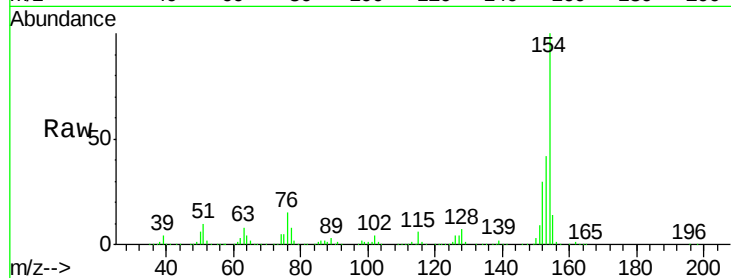
154 100

153 41.5 22.0 62.0

76 15.5 0.0 29.0

Manual Integrations  
APPROVED

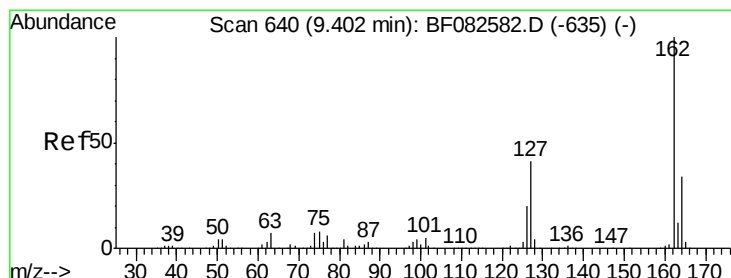
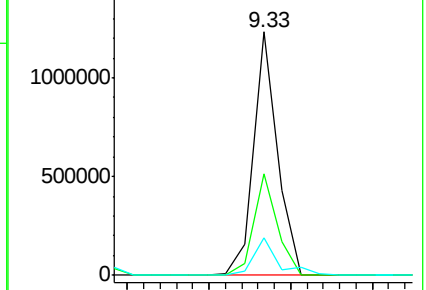
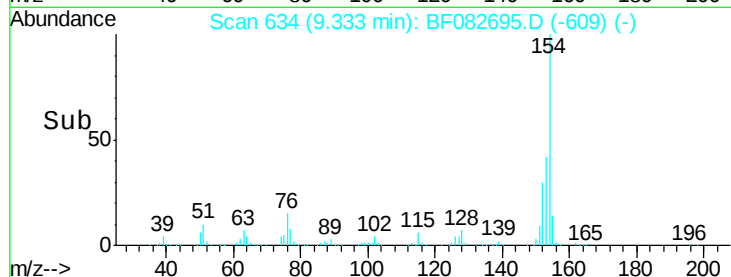
Mmdadoda  
11/5/2015 2:19:30 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.38 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

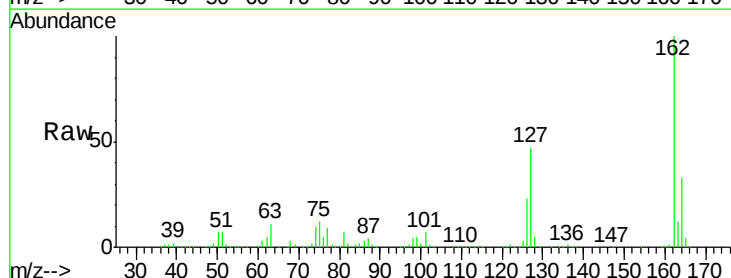
Tgt Ion:162 Resp: 1014233

Ion Ratio Lower Upper

162 100

127 46.6 32.7 49.1

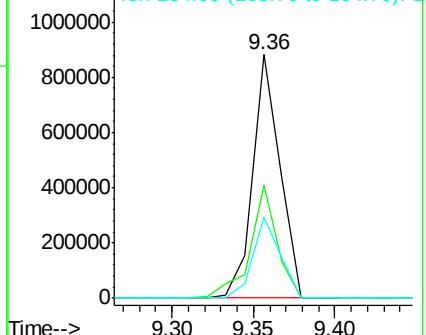
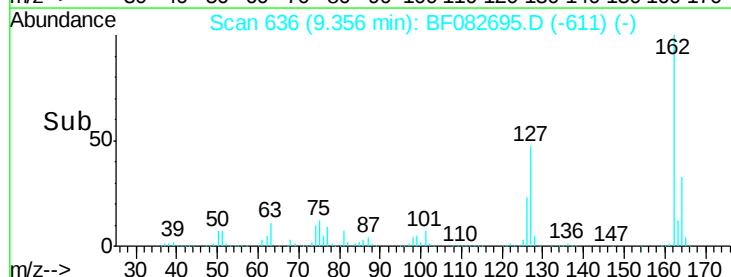
164 33.2 27.4 41.0

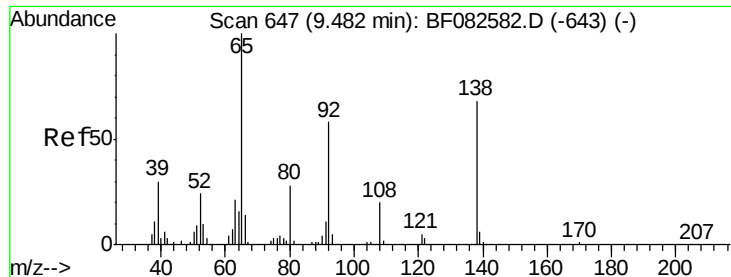


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 33.83 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

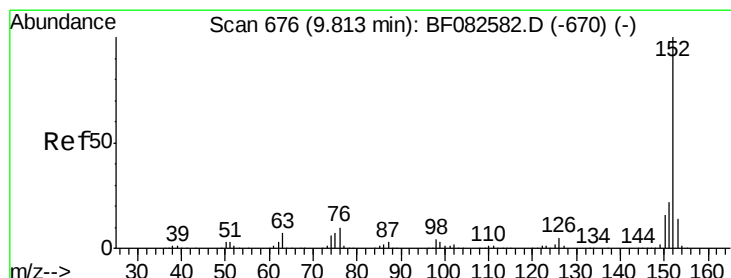
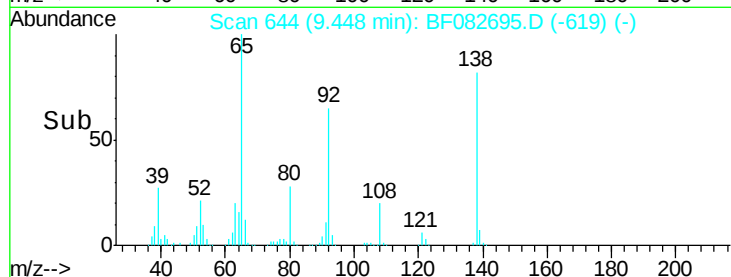
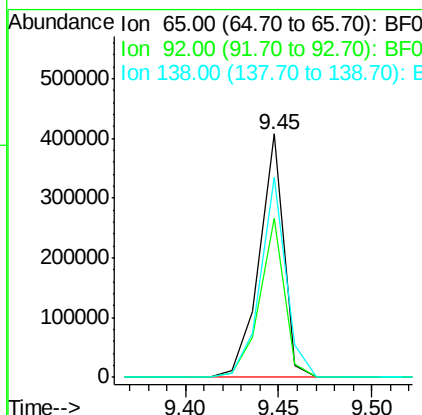
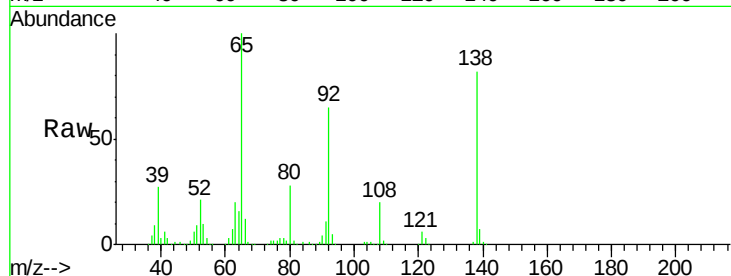
ClientSampled :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 377035 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 65.2  | 46.6  | 70.0   |
| 138       | 82.3  | 54.6  | 81.8#  |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#48

Acenaphthylene

Concen: 38.29 ng

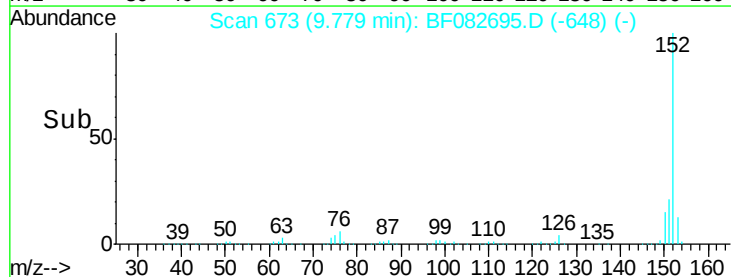
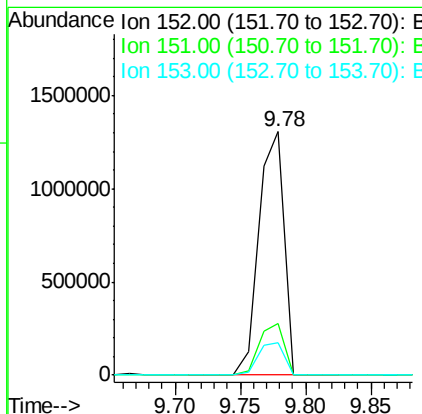
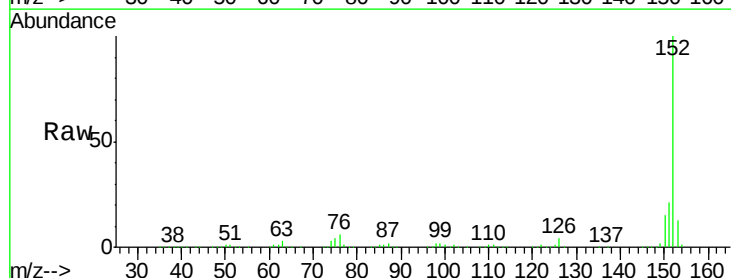
RT: 9.78 min Scan# 673

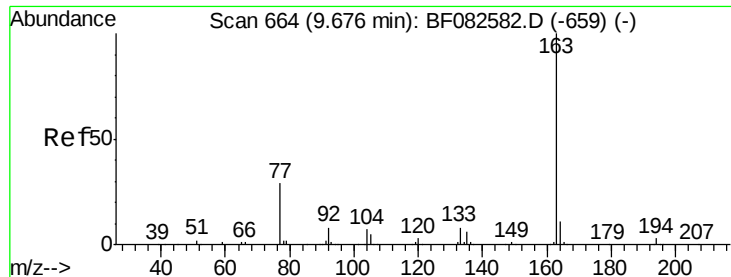
Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1755584 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 21.1  | 17.3  | 25.9    |
| 153       | 13.1  | 11.3  | 16.9    |





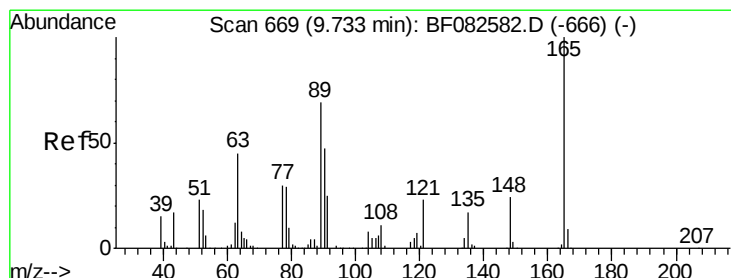
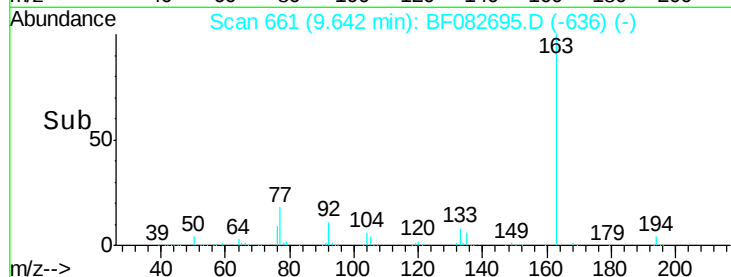
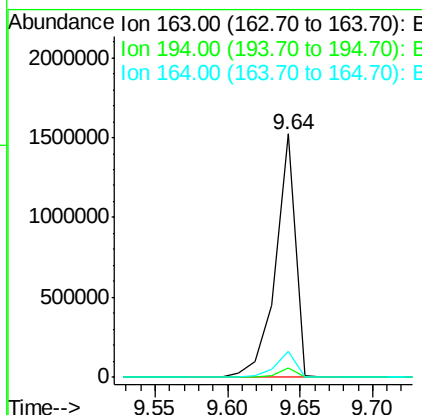
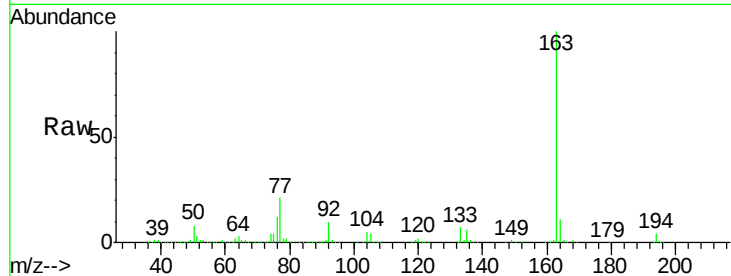
#49  
Dimethylphthalate  
Concen: 40.85 ng  
RT: 9.64 min Scan# 661  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tot Ion:163 Resp: 1449890  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.6 4.0  
164 10.6 8.7 13.1

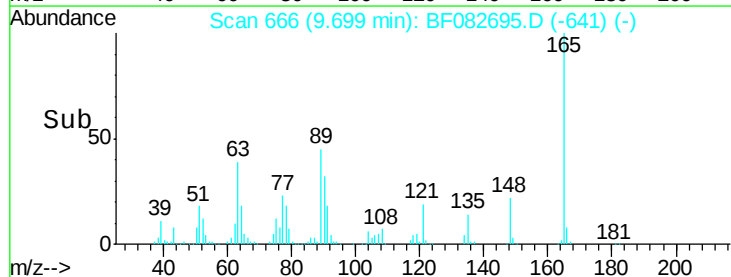
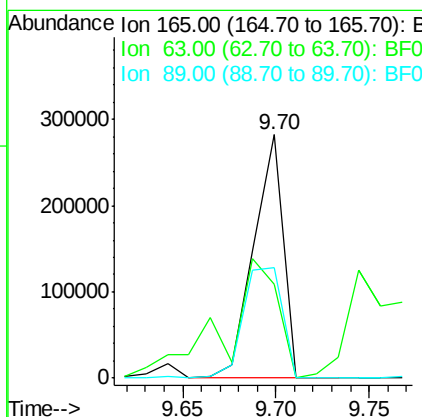
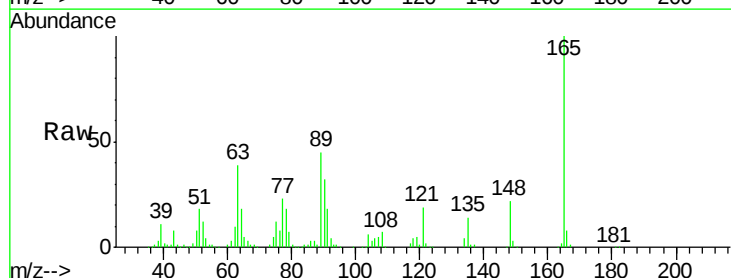
Manual Integrations  
APPROVED

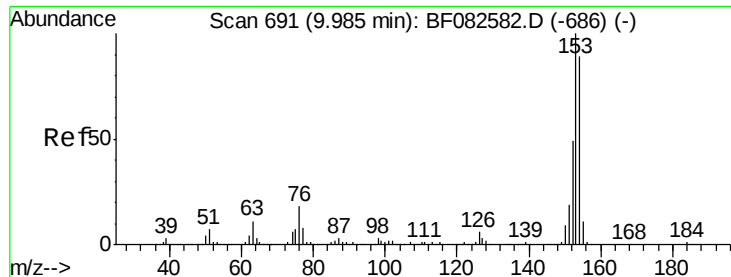
Mmdadoda  
11/5/2015 2:19:30 PM



#50  
2,6-Dinitrotoluene  
Concen: 41.74 ng  
RT: 9.70 min Scan# 666  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Tgt Ion:165 Resp: 307066  
Ion Ratio Lower Upper  
165 100  
63 38.6 55.5 83.3#  
89 45.3 55.0 82.6#





#51

Acenaphthene

Concen: 42.06 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1224192

Ion Ratio Lower Upper

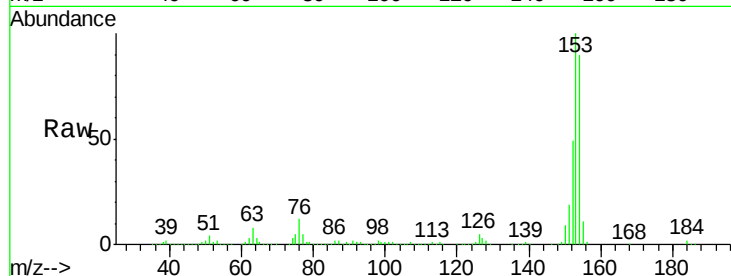
154 100

153 111.0 90.1 135.1

152 54.7 44.3 66.5

Manual Integrations  
APPROVED

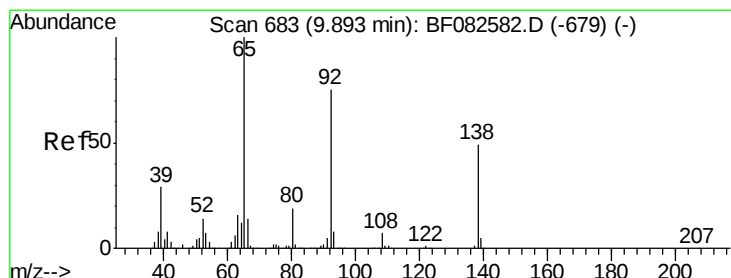
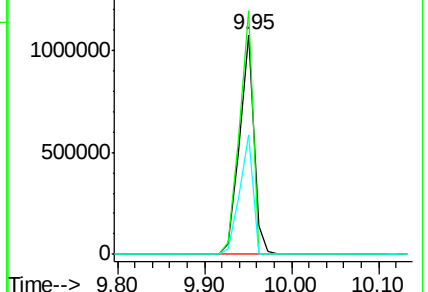
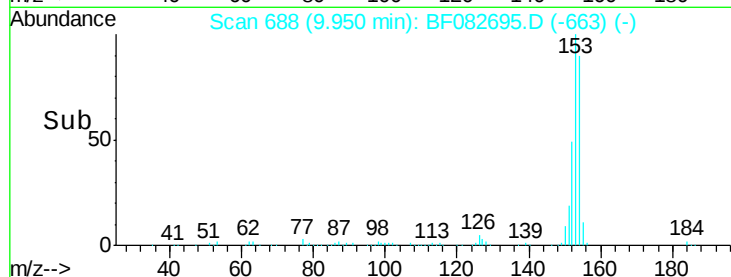
Mmdadoda  
11/5/2015 2:19:30 PM



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: 33.45 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

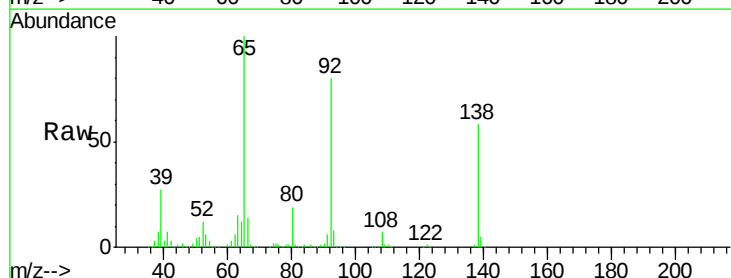
Tgt Ion:138 Resp: 273817

Ion Ratio Lower Upper

138 100

108 12.3 11.3 16.9

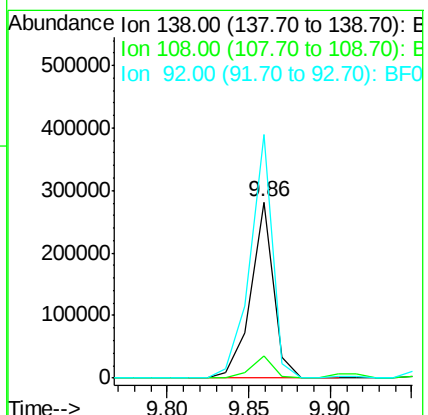
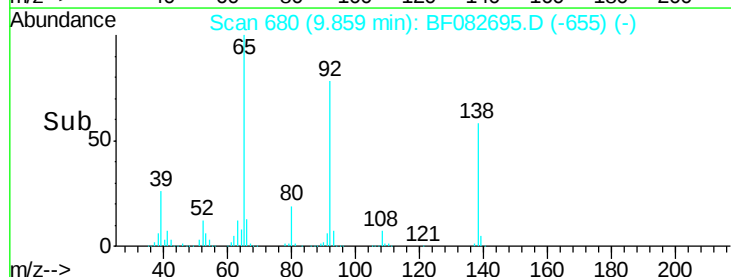
92 138.2 122.4 183.6

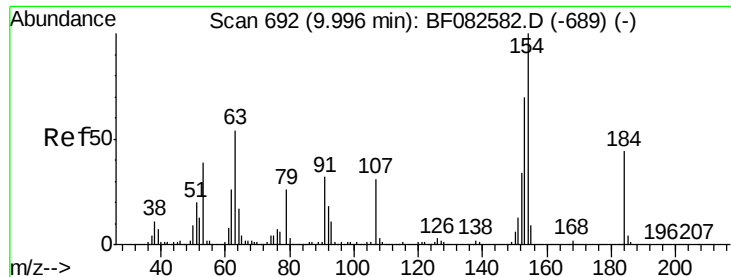


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





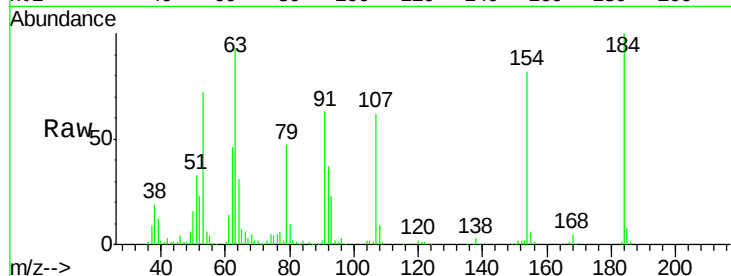
#53  
2,4-Dinitrophenol  
Concen: 42.02 ng  
RT: 9.96 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

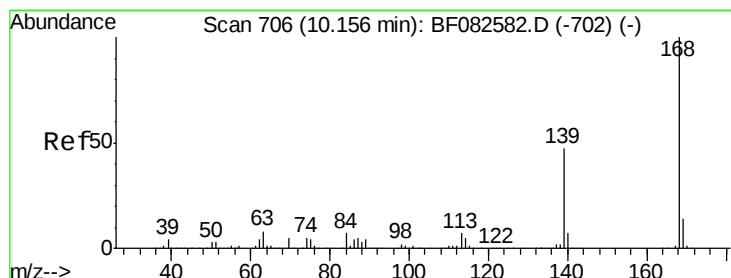
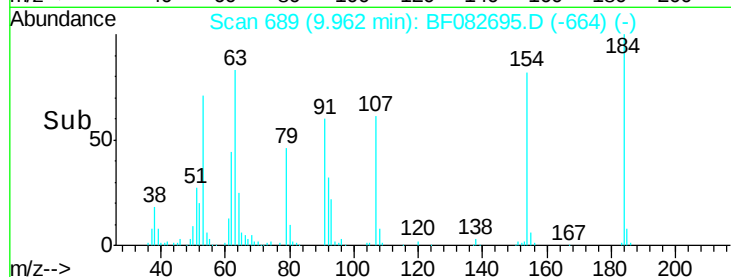
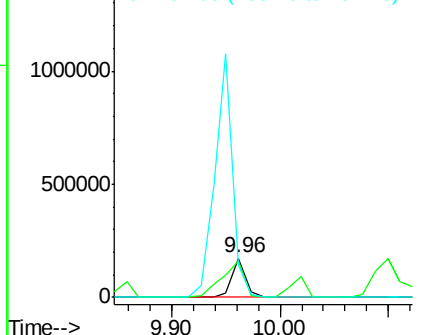
| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 184     | 100   | 151119 |        |       |
| 63      | 92.7  | 98.6   | 148.0# |       |
| 154     | 81.6  | 183.9  | 275.9# |       |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM

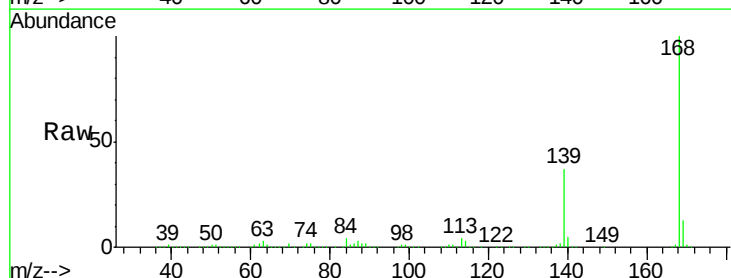


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

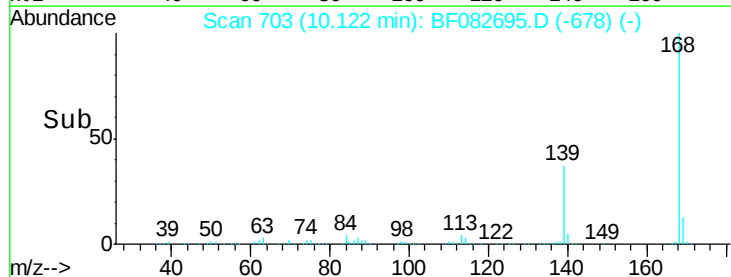
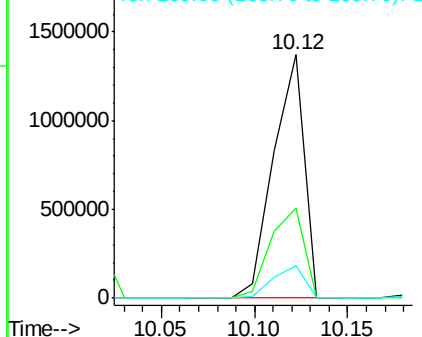


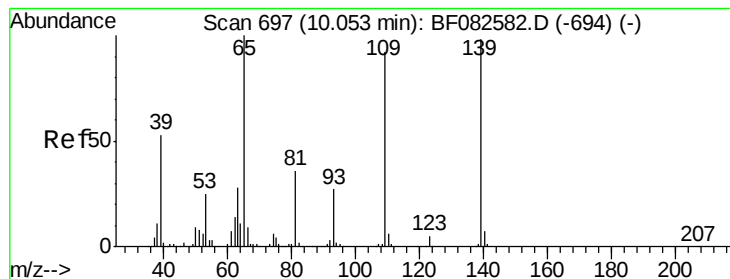
#54  
Dibenzofuran  
Concen: 39.72 ng  
RT: 10.12 min Scan# 703  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1568878 |       |       |
| 139     | 37.2  | 37.8    | 56.6# |       |
| 169     | 13.3  | 11.3    | 16.9  |       |



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





#55

4-Nitrophenol

Concen: 41.81 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

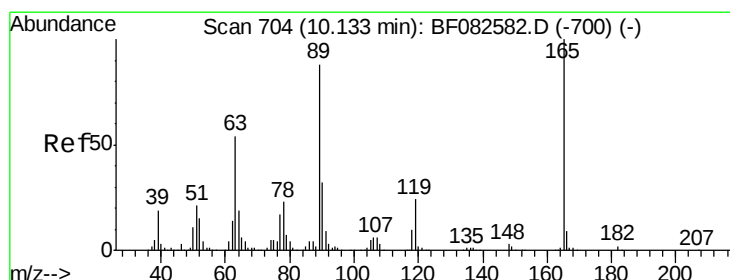
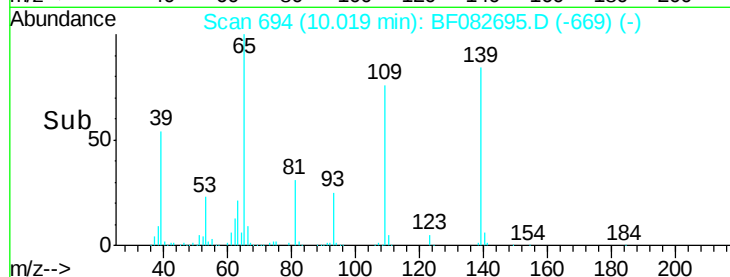
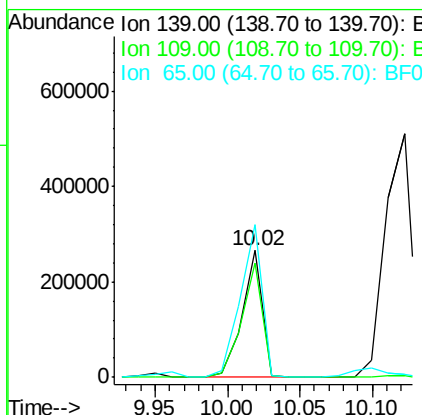
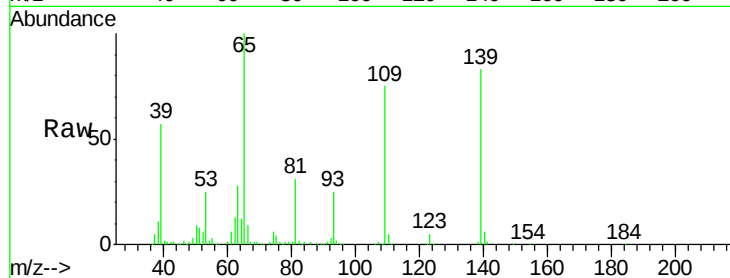
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 90.5  | 73.7  | 113.7 |
| 65      | 120.3 | 82.9  | 122.9 |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#56

2,4-Dinitrotoluene

Concen: 43.13 ng

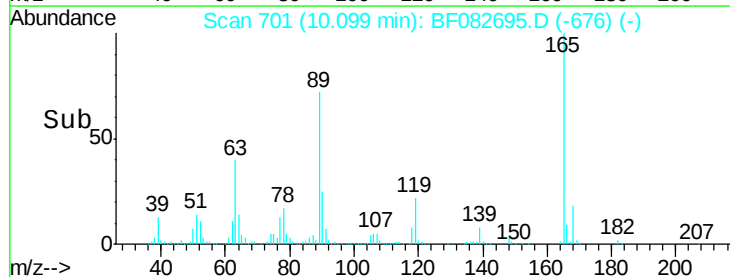
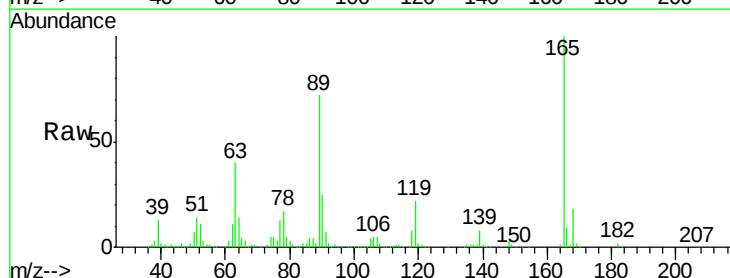
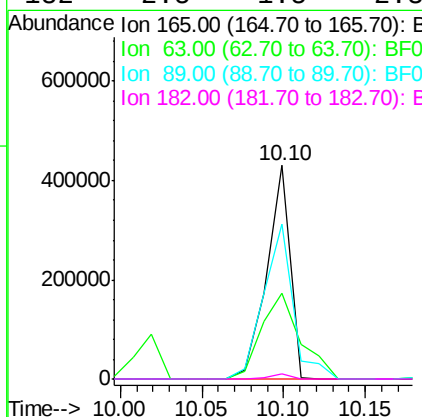
RT: 10.10 min Scan# 701

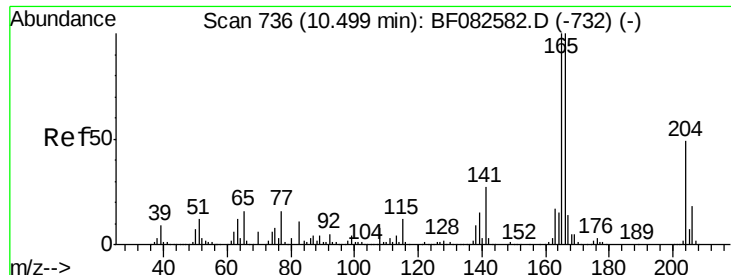
Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 40.2  | 43.4  | 65.0# |
| 89      | 72.3  | 70.6  | 106.0 |
| 182     | 2.5   | 1.5   | 2.3#  |





#57  
**Fluorene**  
 Concen: 39.14 ng  
 RT: 10.46 min Scan# 733  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

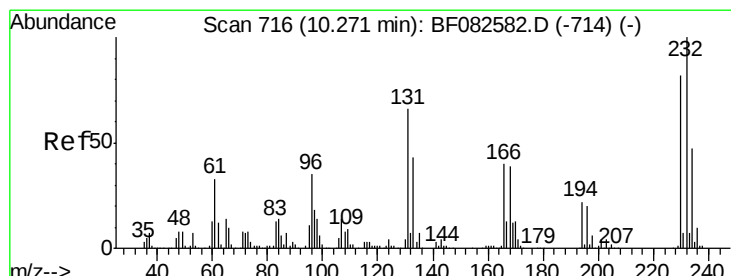
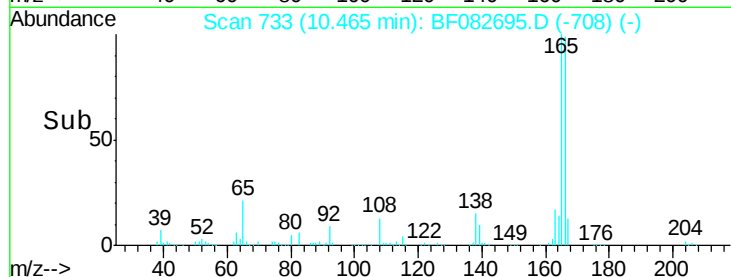
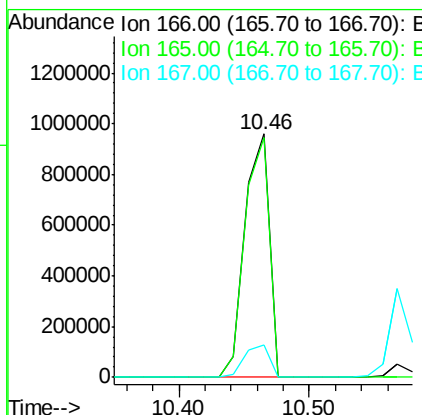
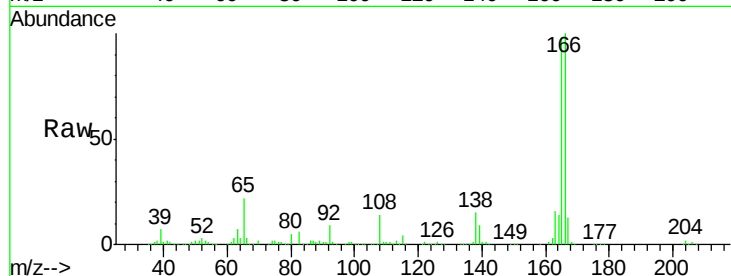
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:166 Resp: 1246883  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.4  | 80.2  | 120.4 |
| 167 | 13.2  | 11.2  | 16.8  |

Manual Integrations  
**APPROVED**

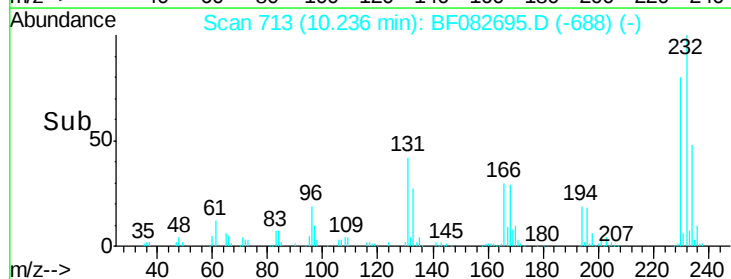
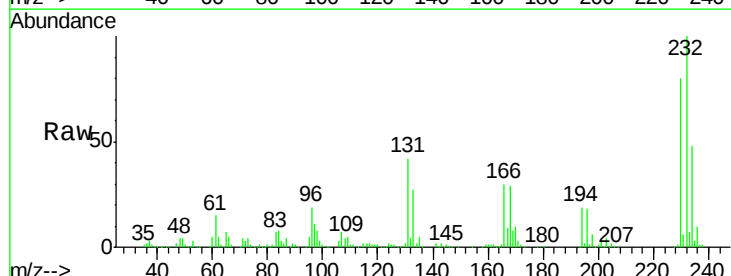
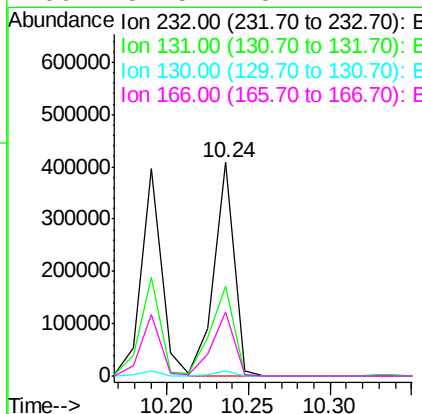
Mmdadoda  
 11/5/2015 2:19:30 PM

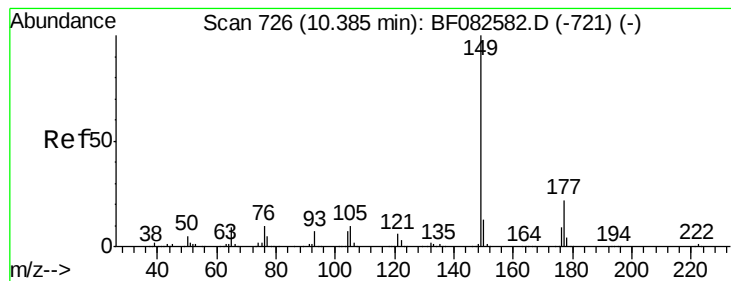


#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 39.84 ng  
 RT: 10.24 min Scan# 713  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Tgt Ion:232 Resp: 351365  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 48.4  | 46.2  | 69.2  |
| 130 | 2.4   | 2.4   | 3.6   |
| 166 | 32.5  | 28.2  | 42.2  |





#59

Diethylphthalate

Concen: 41.09 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1484991

Ion Ratio Lower Upper

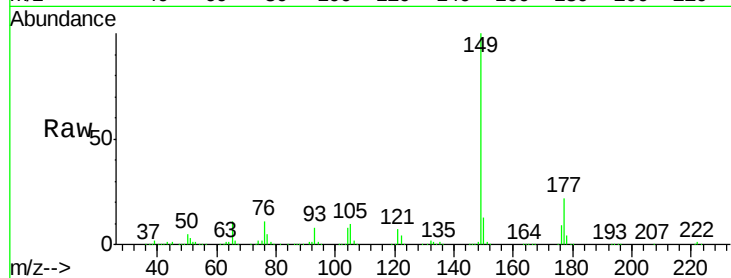
149 100

177 22.4 17.9 26.9

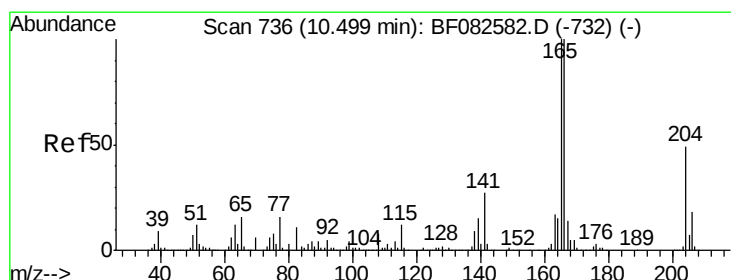
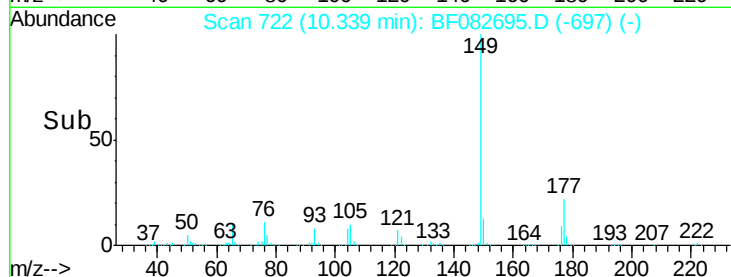
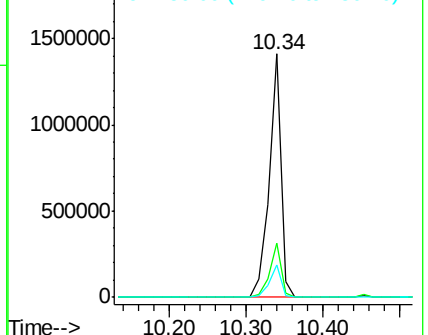
150 13.3 10.1 15.1

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



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: 40.11 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

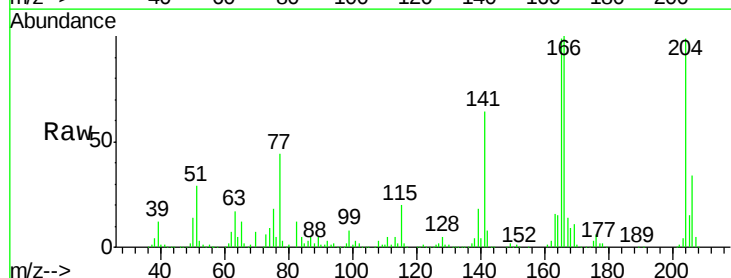
Tgt Ion:204 Resp: 621092

Ion Ratio Lower Upper

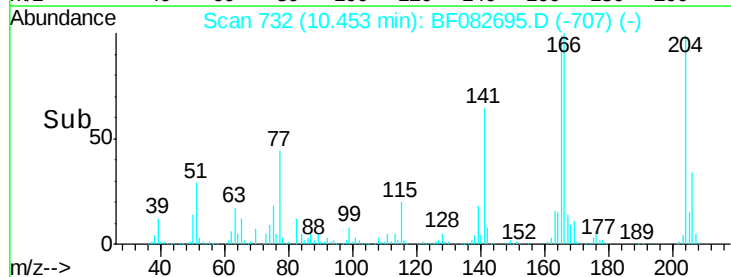
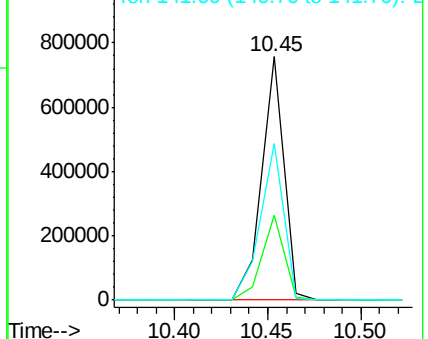
204 100

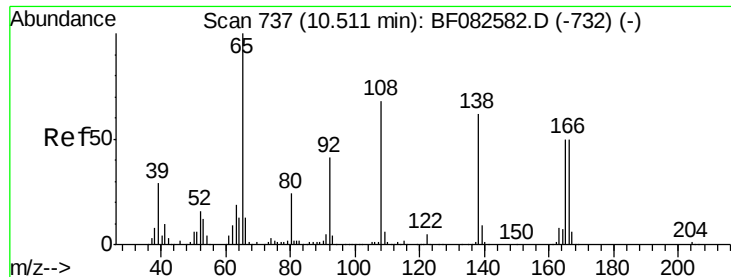
206 34.8 28.5 42.7

141 64.4 44.6 66.8



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: 39.23 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

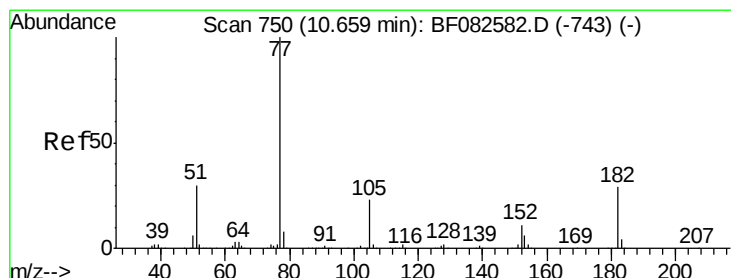
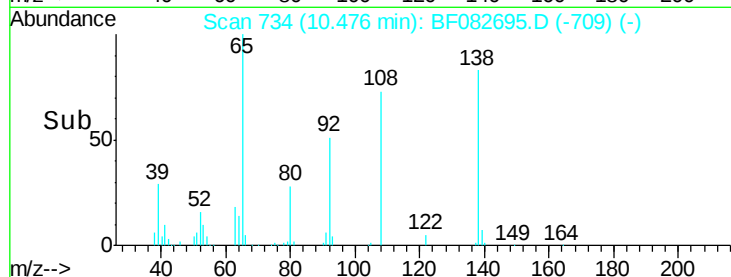
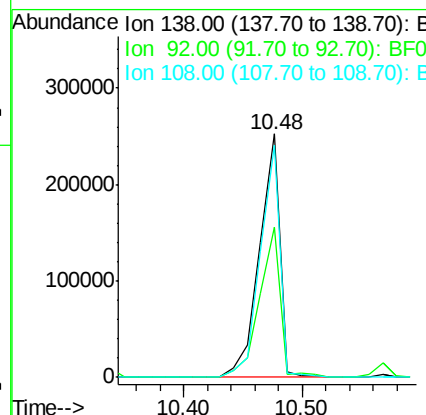
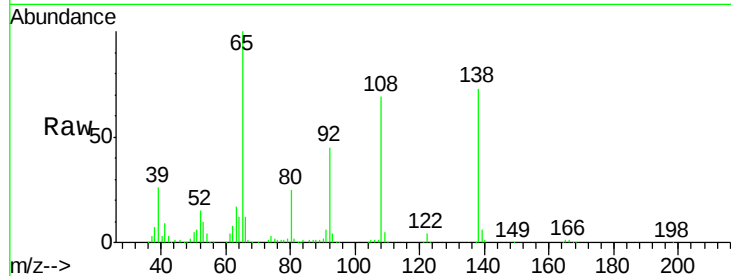
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 138   | Resp: | 306417 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 61.5  | 45.8  | 85.8   |
| 108       | 95.1  | 89.4  | 129.4  |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#62

Azobenzene

Concen: 38.61 ng

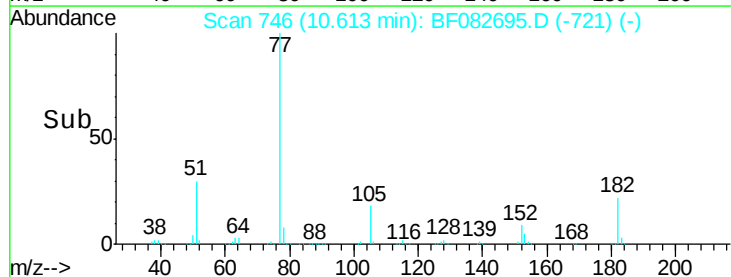
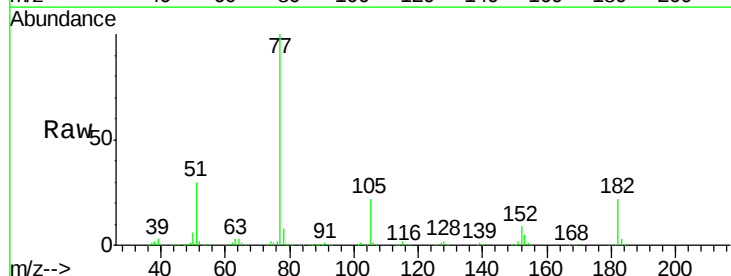
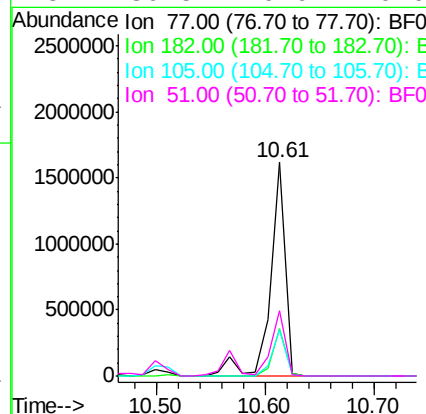
RT: 10.61 min Scan# 746

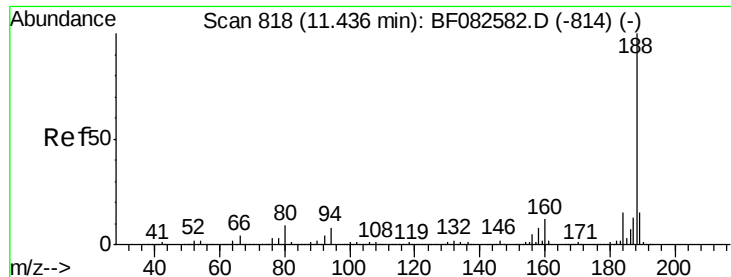
Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 77    | Resp: | 1573253 |
| Ion Ratio | Lower | Upper |         |
| 77        | 100   |       |         |
| 182       | 22.0  | 9.3   | 49.3    |
| 105       | 21.7  | 2.6   | 42.6    |
| 51        | 30.5  | 9.9   | 49.9    |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

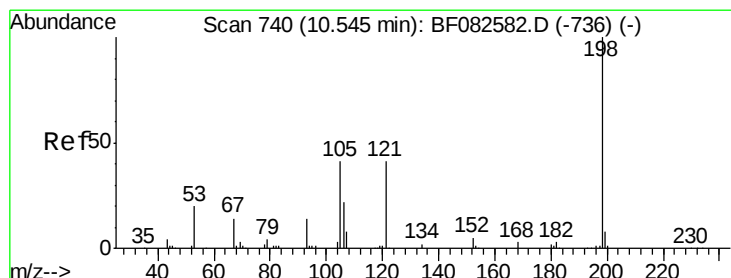
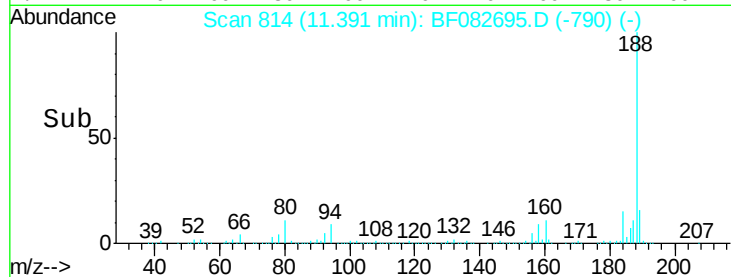
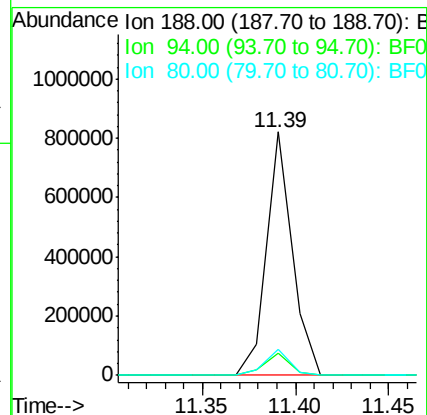
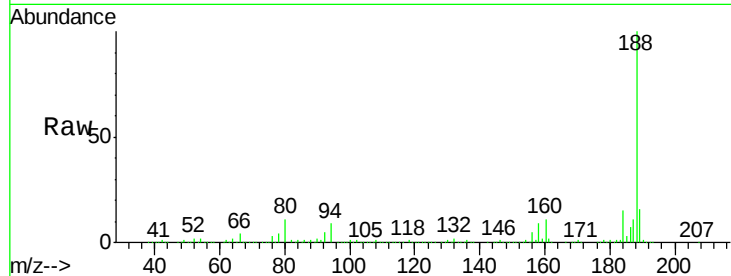
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 781763 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.0   | 6.1   | 9.1    |
| 80        | 10.8  | 7.0   | 10.6   |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 51.47 ng

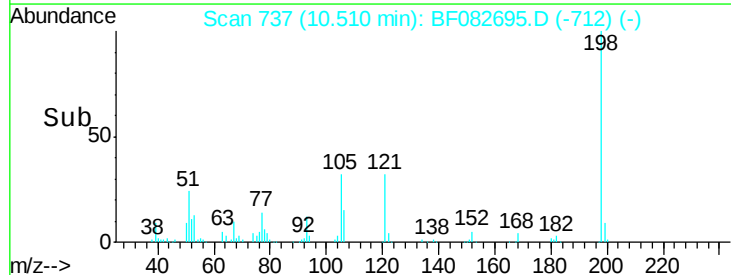
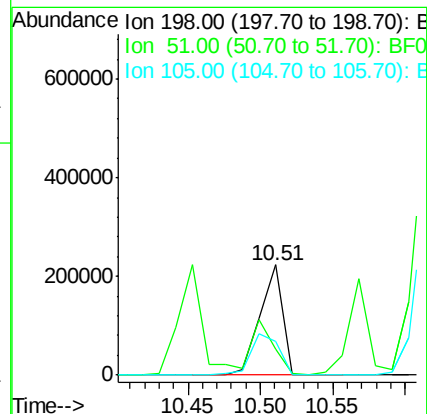
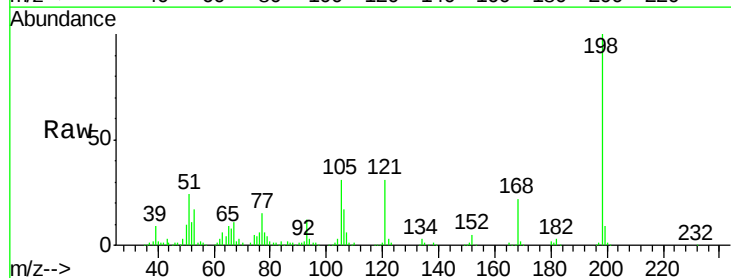
RT: 10.51 min Scan# 737

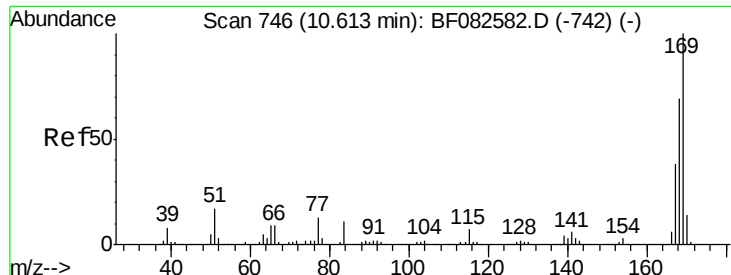
Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 242691 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 24.0  | 17.3  | 57.3   |
| 105       | 30.9  | 21.7  | 61.7   |





#65

n-Nitrosodiphenylamine

Concen: 37.13 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

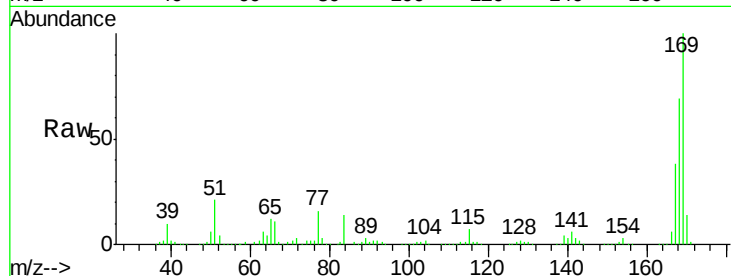
ClientSampleId :

SSTDCCC040

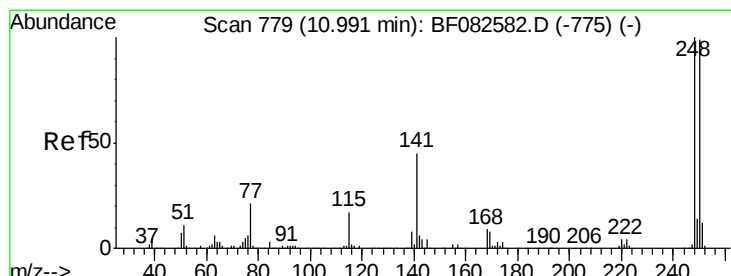
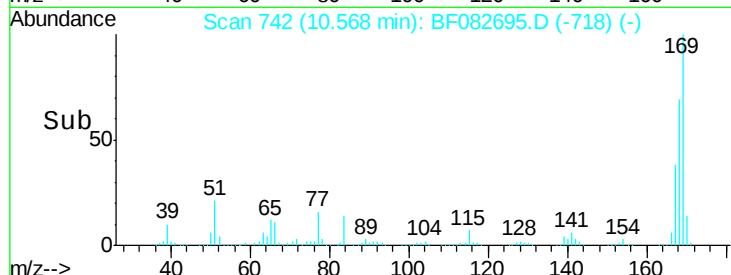
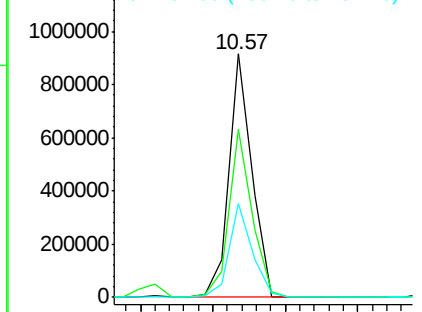
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 997759 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.8  | 55.0  | 82.6   |
| 167       | 38.3  | 30.5  | 45.7   |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



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



#66

4-Bromophenyl-phenylether

Concen: 44.96 ng

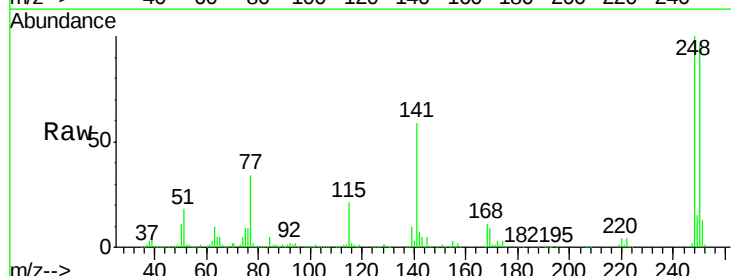
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

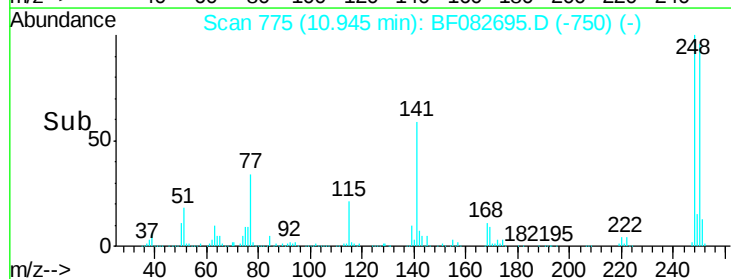
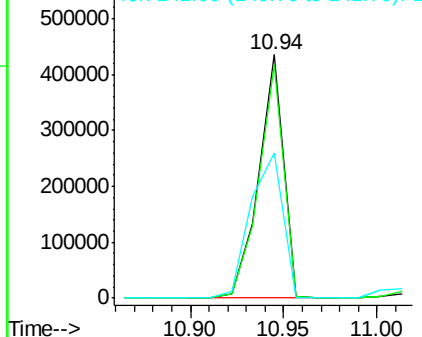
Lab File: BF082695.D

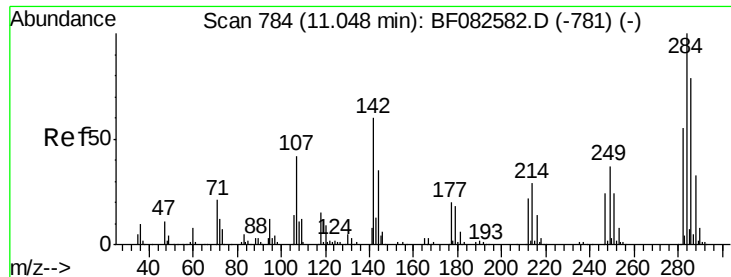
Acq: 4 Nov 2015 12:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 398289 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.7  | 79.4  | 119.2  |
| 141       | 59.5  | 36.3  | 54.5#  |



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





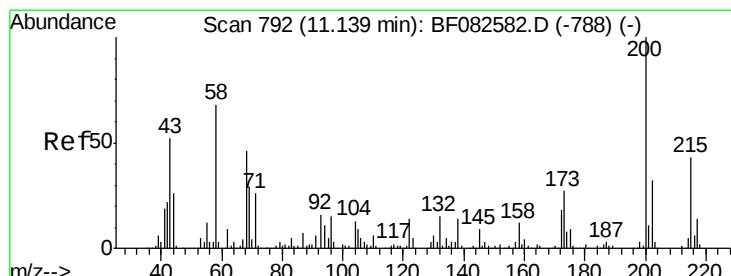
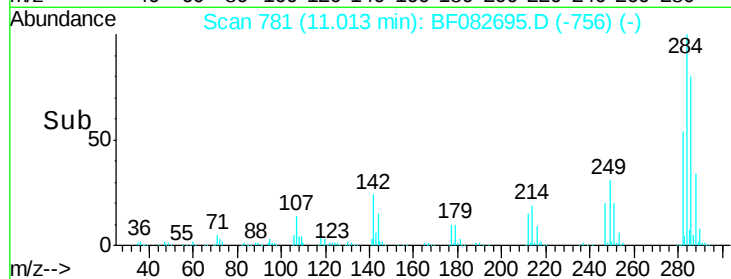
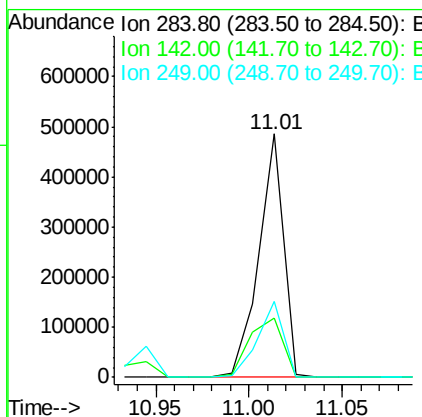
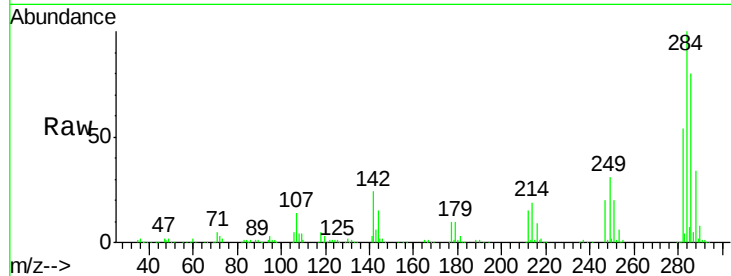
#67  
Hexachlorobenzene  
Concen: 45.05 ng  
RT: 11.01 min Scan# 781  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 442521 |       |       |
| 142     | 24.1  | 47.9   | 71.9# |       |
| 249     | 31.1  | 29.7   | 44.5  |       |

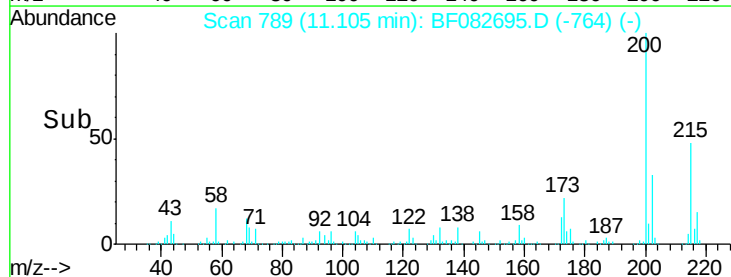
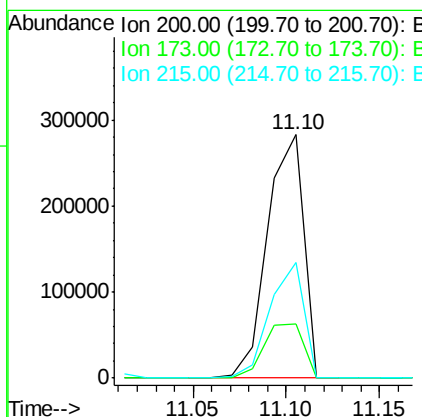
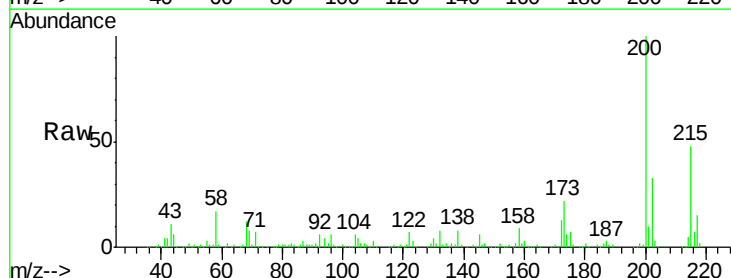
Manual Integrations  
APPROVED

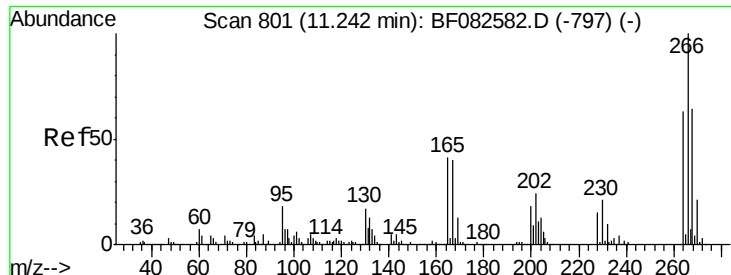
Mmdadoda  
11/5/2015 2:19:30 PM



#68  
Atrazine  
Concen: 43.35 ng  
RT: 11.10 min Scan# 789  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 381118 |       |       |
| 173     | 22.1  | 6.9    | 46.9  |       |
| 215     | 47.7  | 22.9   | 62.9  |       |





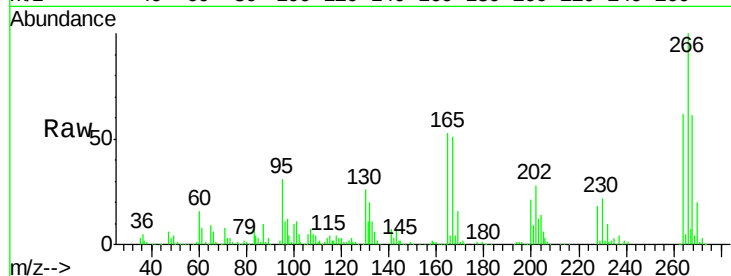
#69  
 Pentachlorophenol  
 Concen: 40.50 ng  
 RT: 11.20 min Scan# 797  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

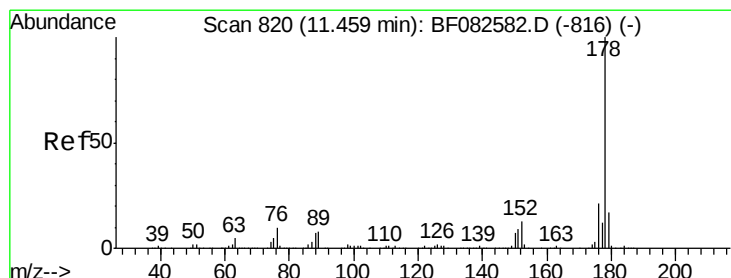
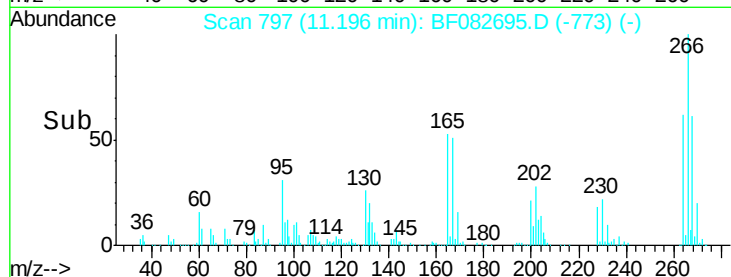
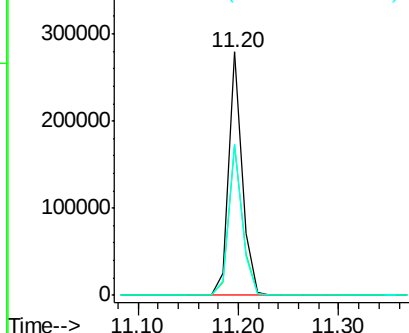
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.5  | 51.0  | 76.6  |
| 264     | 62.2  | 50.6  | 75.8  |

Manual Integrations  
 APPROVED

Mmdadoda  
 11/5/2015 2:19:30 PM

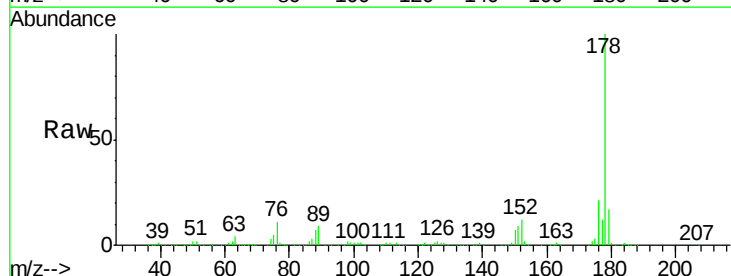


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

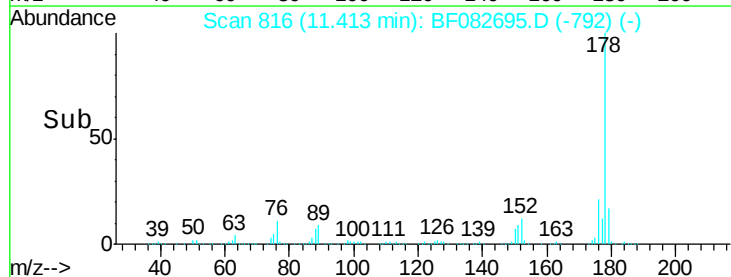
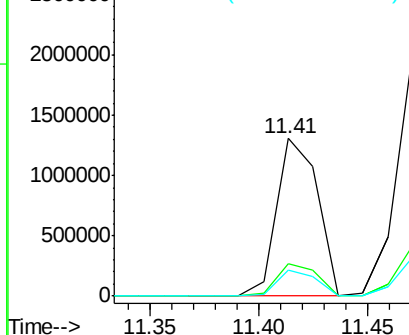


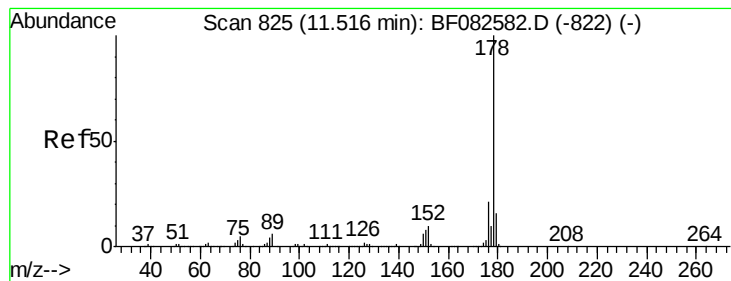
#70  
 Phenanthrene  
 Concen: 39.03 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.0  | 17.0  | 25.4  |
| 179     | 16.6  | 13.4  | 20.0  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





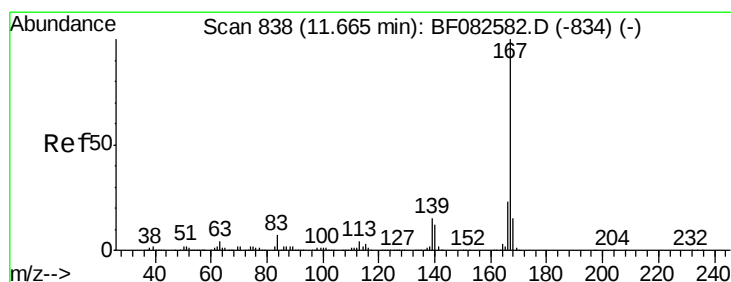
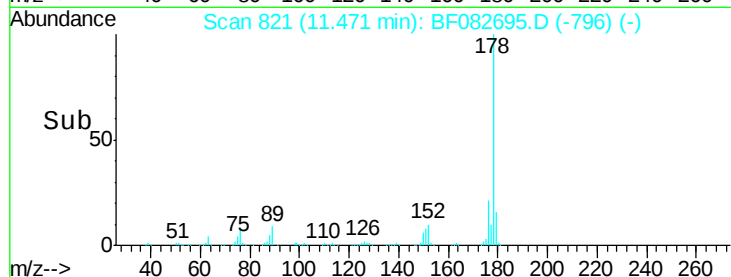
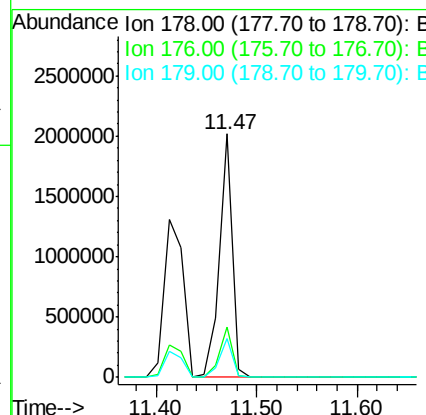
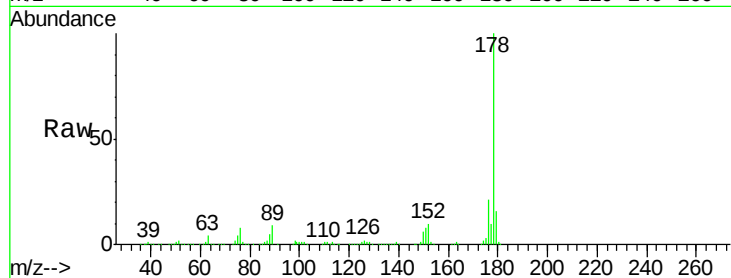
#71  
 Anthracene  
 Concen: 40.39 ng  
 RT: 11.47 min Scan# 821  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1793025  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 16.5 24.7  
 179 16.2 13.2 19.8

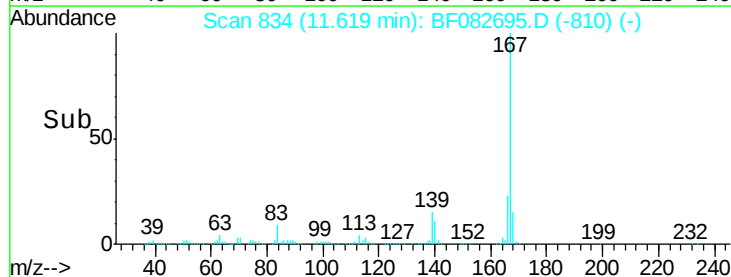
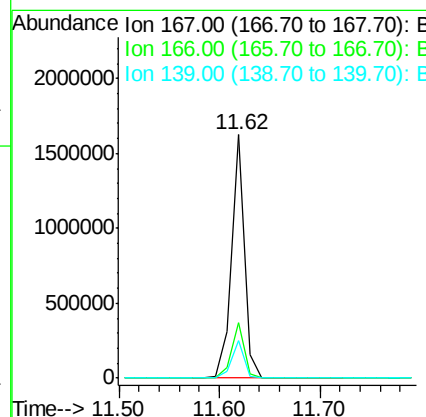
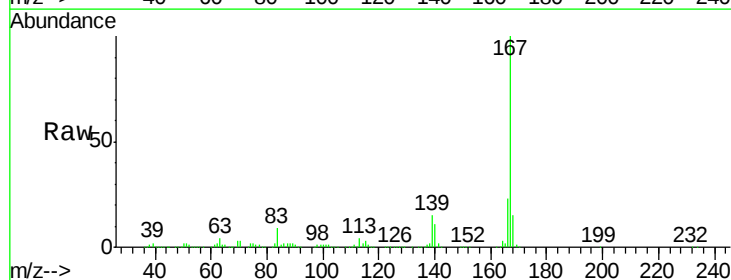
Manual Integrations  
 APPROVED

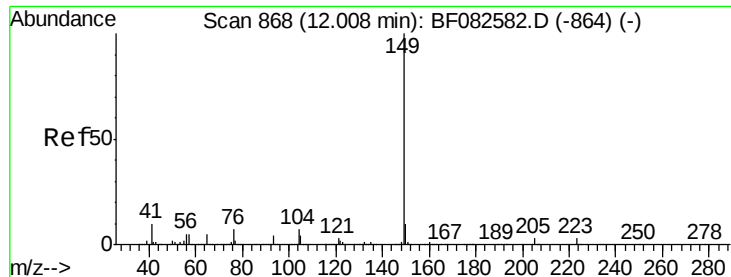
Mmdadoda  
 11/5/2015 2:19:30 PM



#72  
 Carbazole  
 Concen: 37.50 ng  
 RT: 11.62 min Scan# 834  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Tgt Ion:167 Resp: 1450067  
 Ion Ratio Lower Upper  
 167 100  
 166 23.0 18.7 28.1  
 139 15.2 11.8 17.6





#73

Di-n-butylphthalate

Concen: 44.06 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

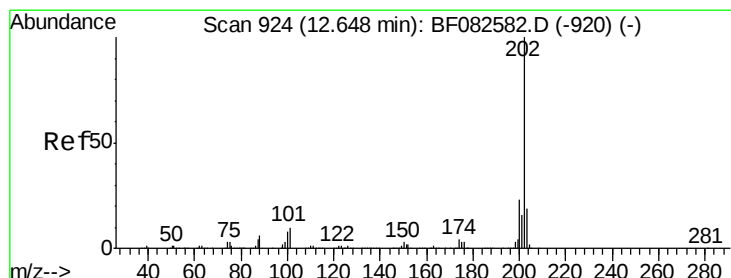
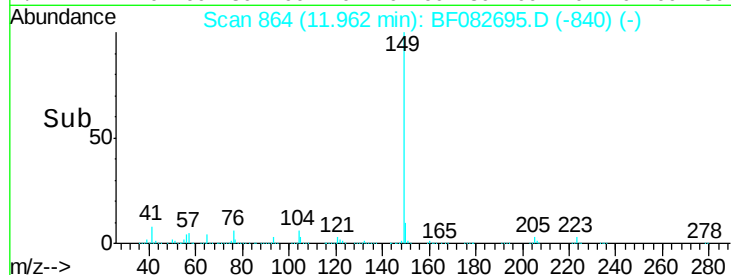
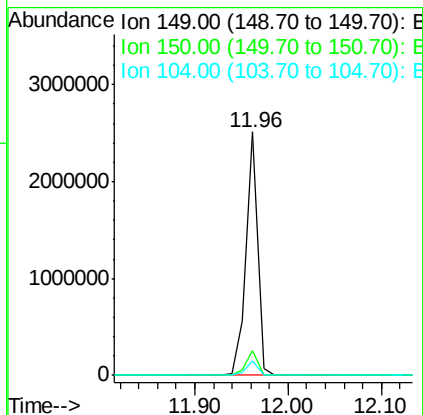
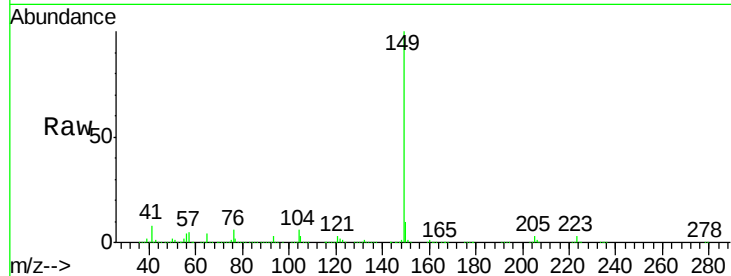
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 149   | Resp: | 2168847 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 10.3  | 8.1   | 12.1    |
| 104      | 5.8   | 5.2   | 7.8     |

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#74

Fluoranthene

Concen: 36.62 ng

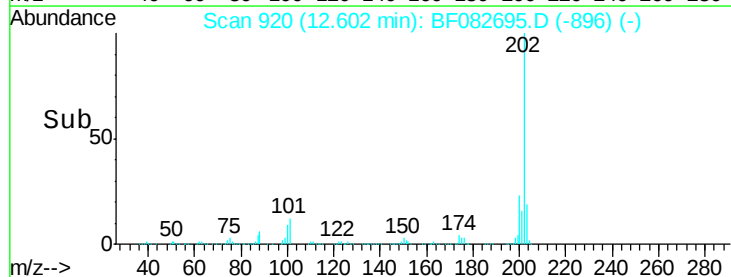
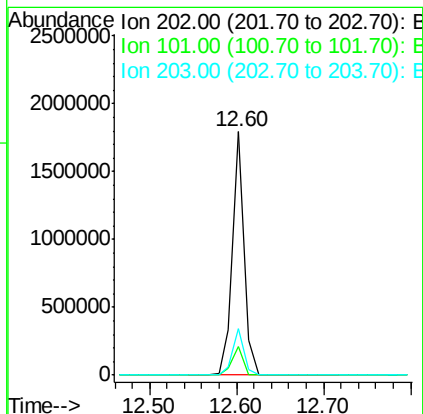
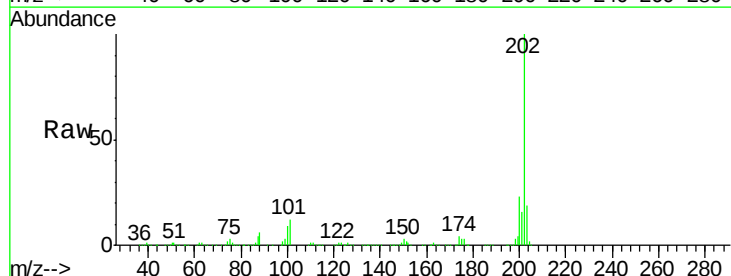
RT: 12.60 min Scan# 920

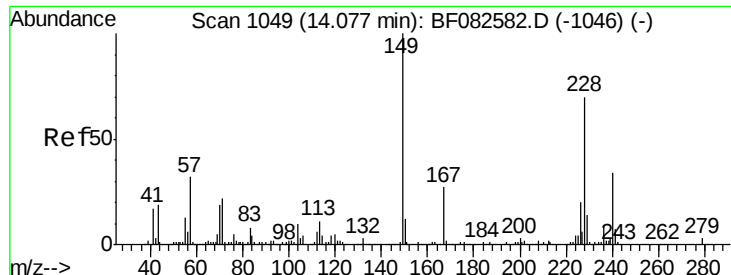
Delta R.T. -0.02 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1650454 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 11.9  | 0.0   | 30.5    |
| 203      | 19.1  | 0.0   | 38.5    |





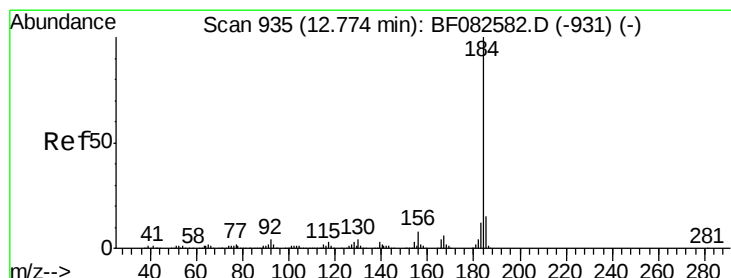
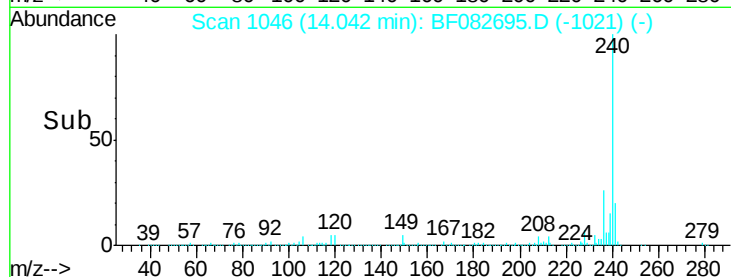
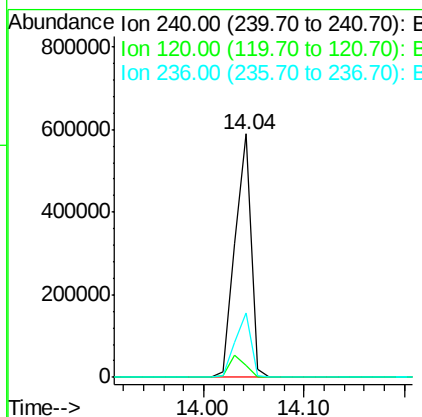
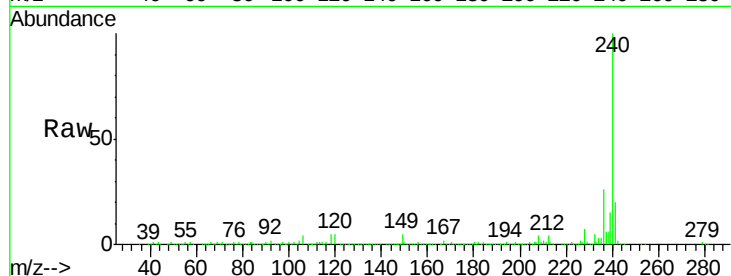
#75  
 Chrvsene-d12  
 Concen: 20.00 ng  
 RT: 14.04 min Scan# 1046  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 4.8   | 10.9       | 16.3# |
| 236     | 26.3  | 21.6       | 32.4  |

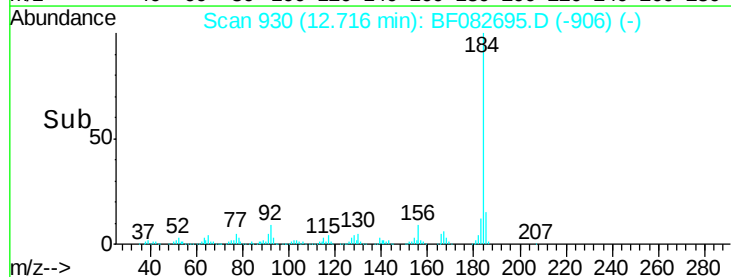
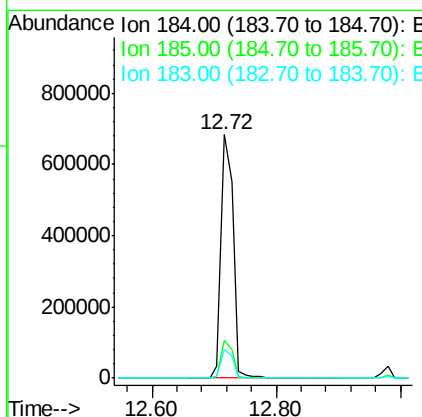
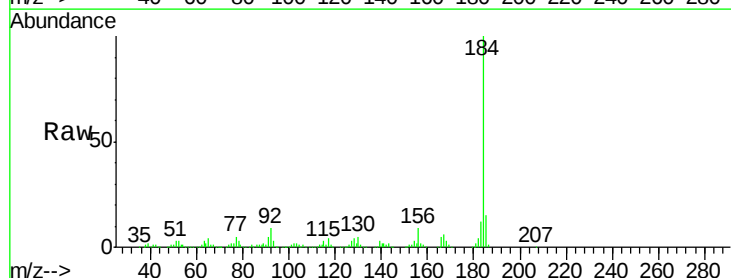
Manual Integrations  
 APPROVED

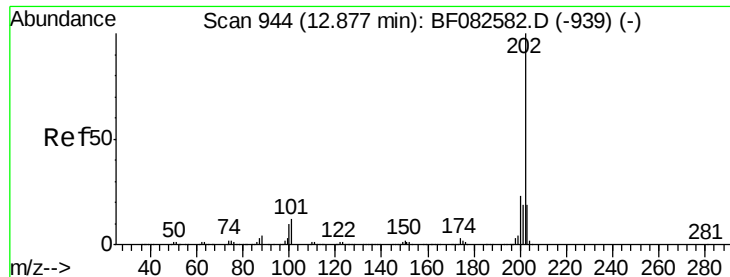
Mmdadoda  
 11/5/2015 2:19:30 PM



#76  
 Benzidine  
 Concen: 30.71 ng  
 RT: 12.72 min Scan# 930  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 184     | 100   |            |       |
| 185     | 15.4  | 12.0       | 18.0  |
| 183     | 11.6  | 9.6        | 14.4  |





#77

Pvrene

Concen: 34.20 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1657149

Ion Ratio Lower Upper

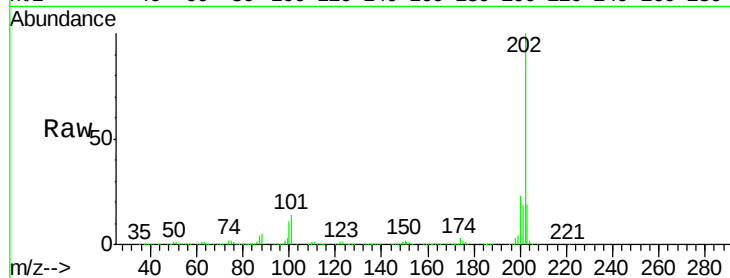
202 100

200 23.3 18.7 28.1

203 19.0 14.8 22.2

Manual Integrations  
APPROVED

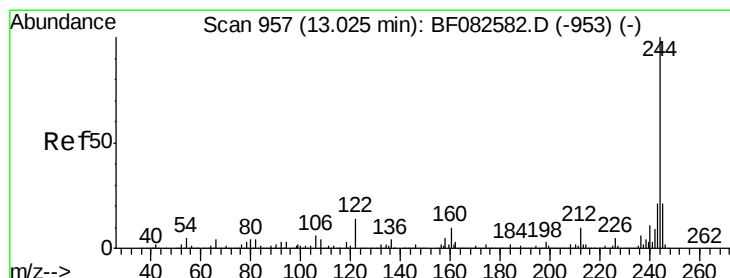
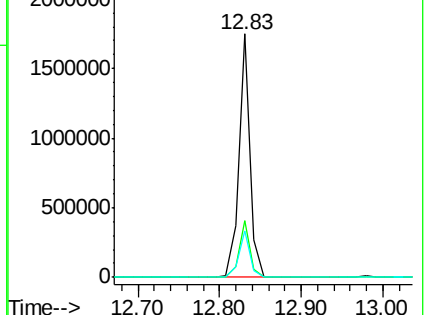
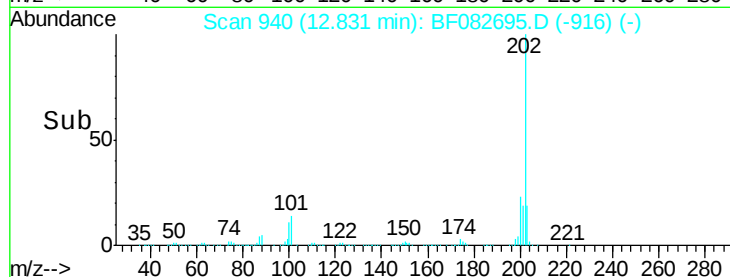
Mmdadoda  
11/5/2015 2:19:30 PM



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: 69.48 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

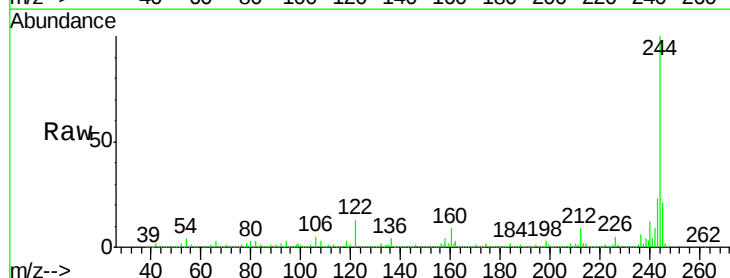
Tgt Ion:244 Resp: 2077835

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

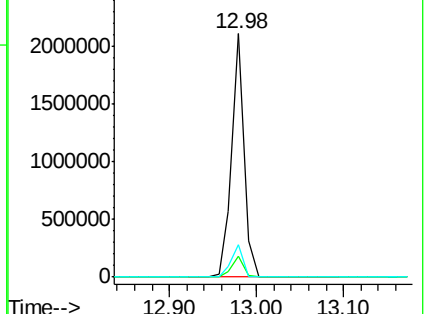
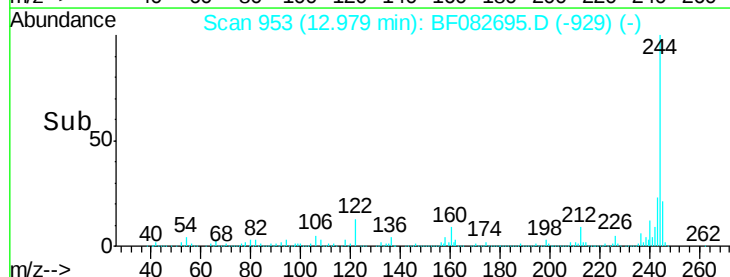
122 13.2 11.3 16.9

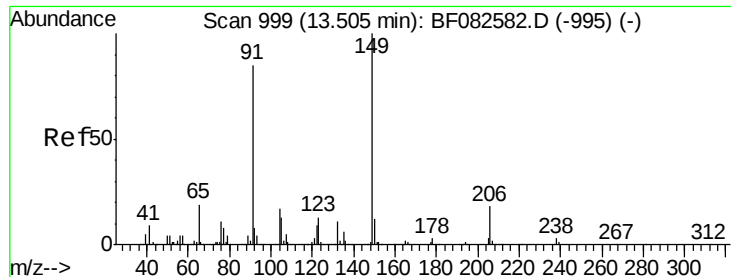


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





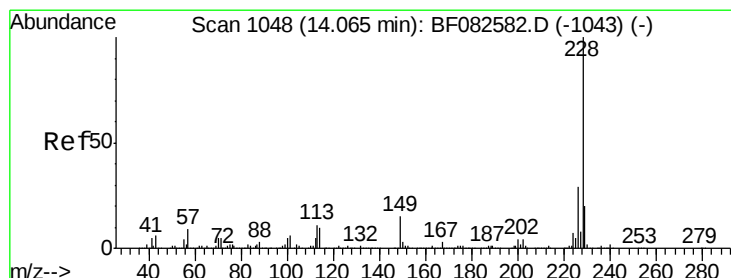
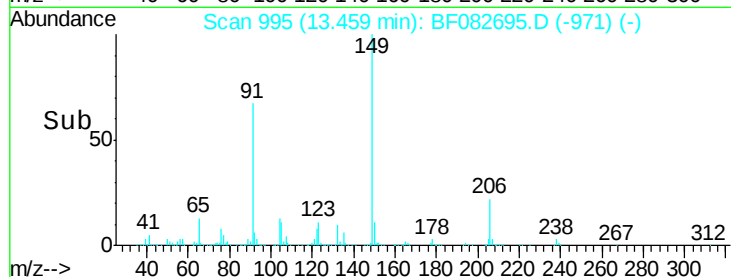
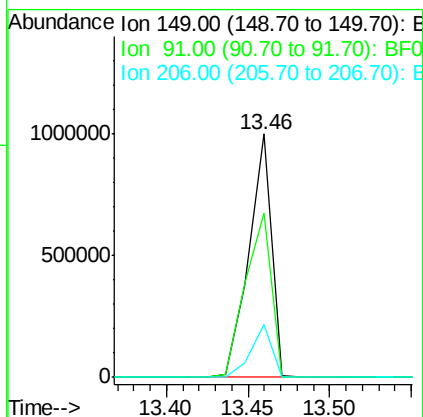
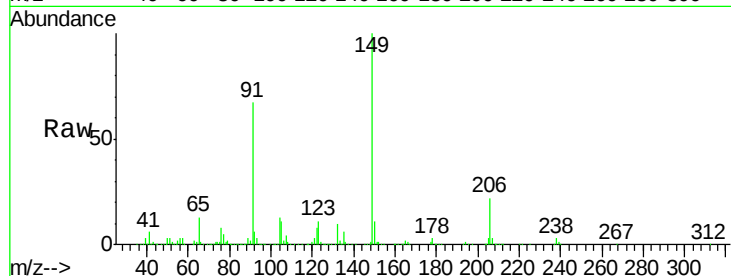
#79  
Butylbenzylphthalate  
Concen: 45.23 ng  
RT: 13.46 min Scan# 995  
Delta R.T. -0.02 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 149     | 100   |       |        |
| 91      | 67.5  | 67.7  | 101.5# |
| 206     | 21.6  | 14.6  | 22.0   |

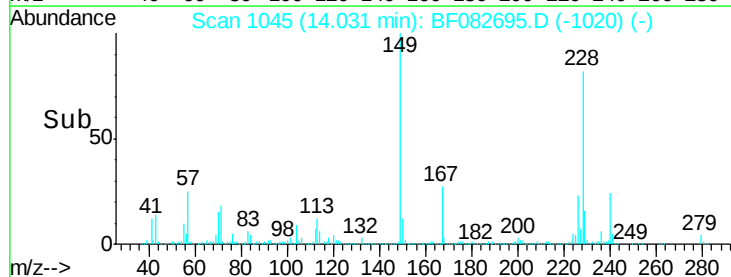
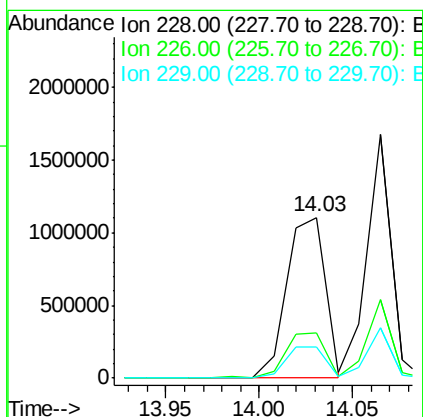
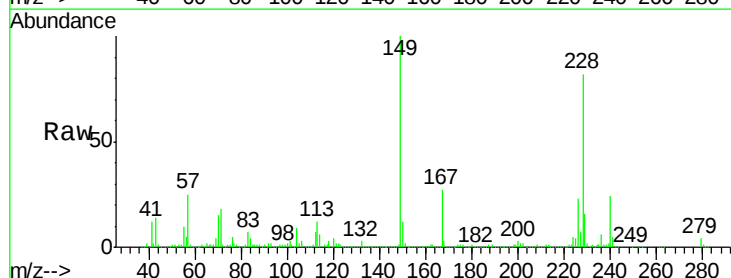
Manual Integrations  
APPROVED

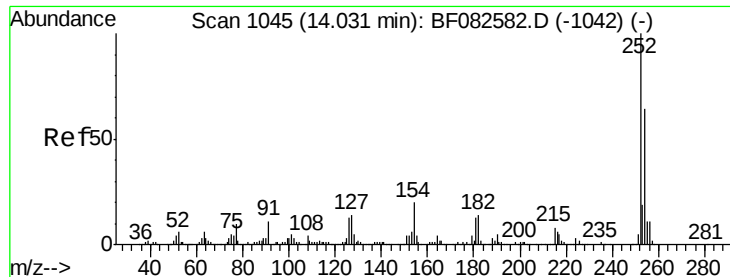
Mmdadoda  
11/5/2015 2:19:30 PM



#80  
Benzo(a)anthracene  
Concen: 38.60 ng  
RT: 14.03 min Scan# 1045  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.5  | 23.4  | 35.2  |
| 229     | 19.7  | 16.3  | 24.5  |





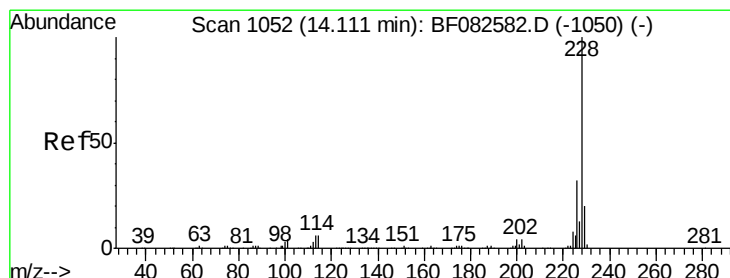
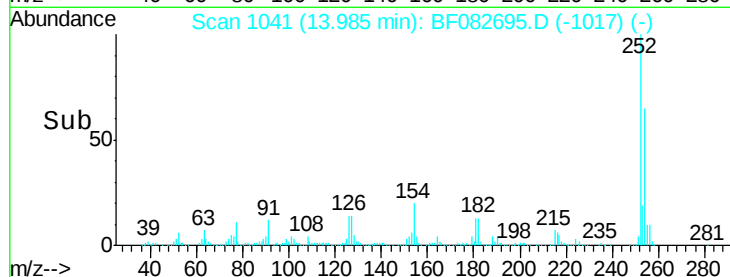
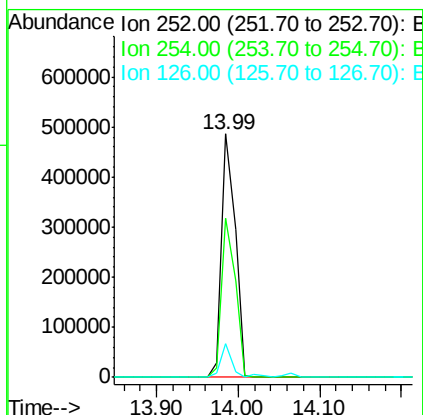
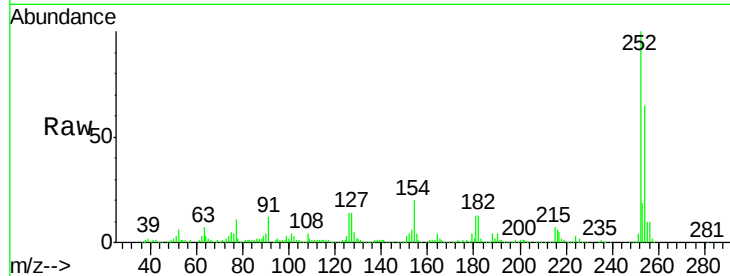
#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.30 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 562961 |       |       |
| 254     | 65.2  |        | 51.4  | 77.0  |
| 126     | 13.6  |        | 10.7  | 16.1  |

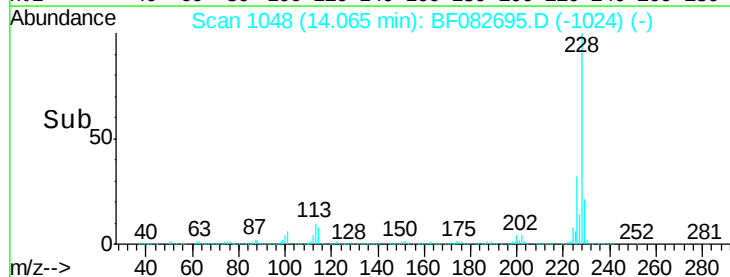
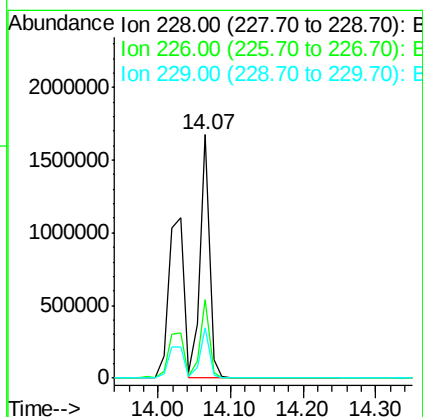
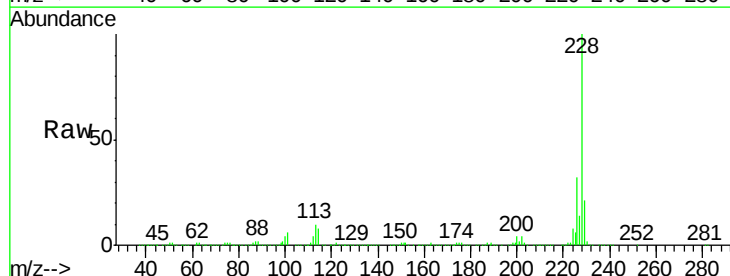
Manual Integrations  
 APPROVED

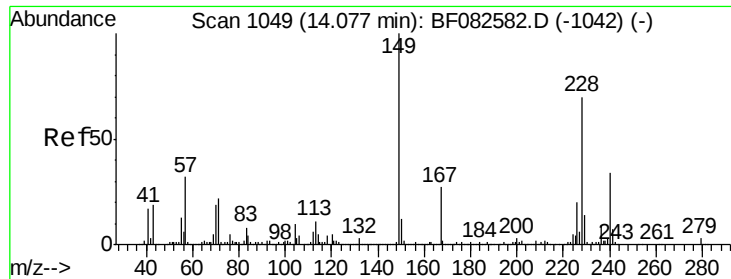
Mmdadoda  
 11/5/2015 2:19:30 PM



#82  
 Chrysene  
 Concen: 40.03 ng  
 RT: 14.07 min Scan# 1048  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1508322 |       |       |
| 226     | 32.1  |         | 25.5  | 38.3  |
| 229     | 20.8  |         | 16.3  | 24.5  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.27 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1273152

Ion Ratio Lower Upper

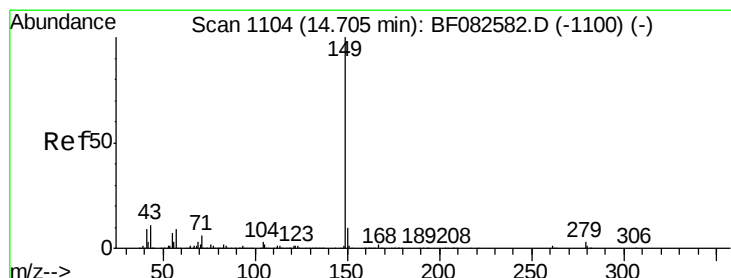
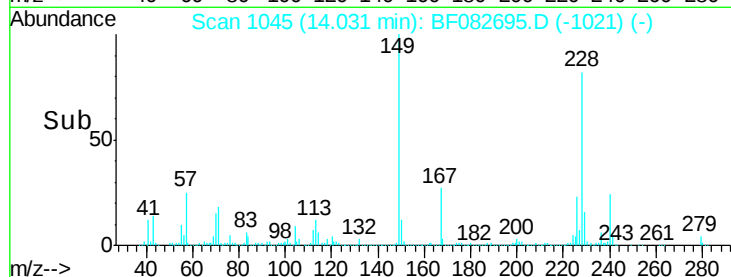
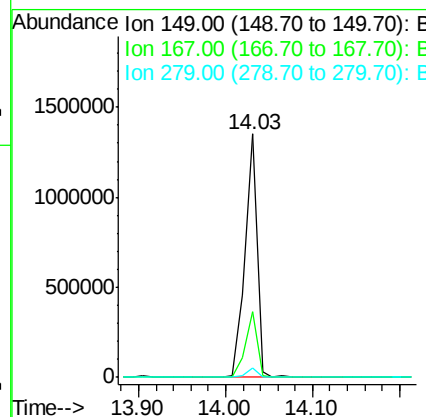
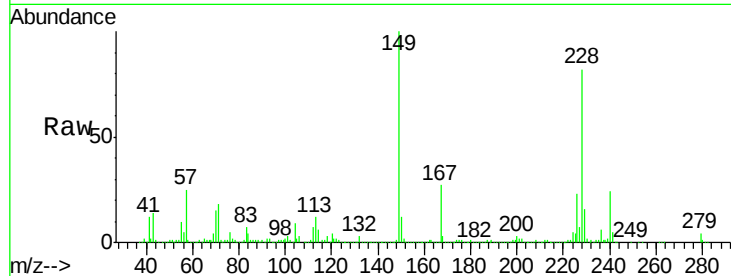
149 100

167 27.2 21.2 31.8

279 3.7 2.2 3.2#

Manual Integrations  
APPROVED

Mmdadoda  
11/5/2015 2:19:30 PM



#84

Di-n-octyl phthalate

Concen: 45.31 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

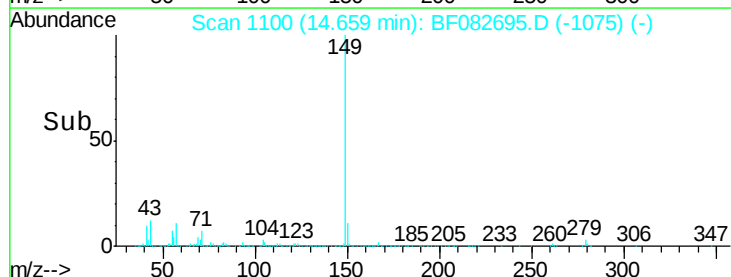
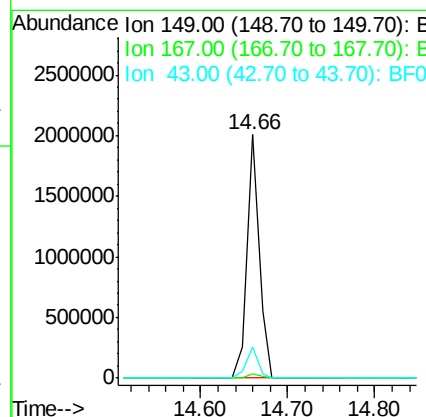
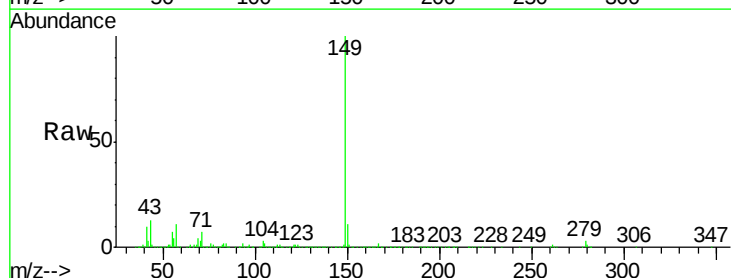
Tgt Ion:149 Resp: 1944783

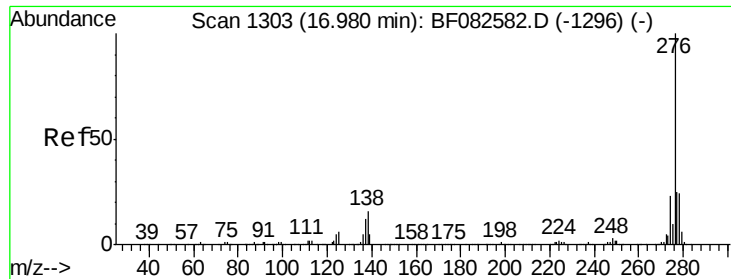
Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.7 10.1 15.1





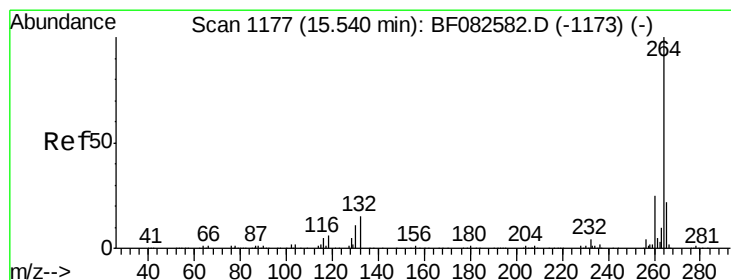
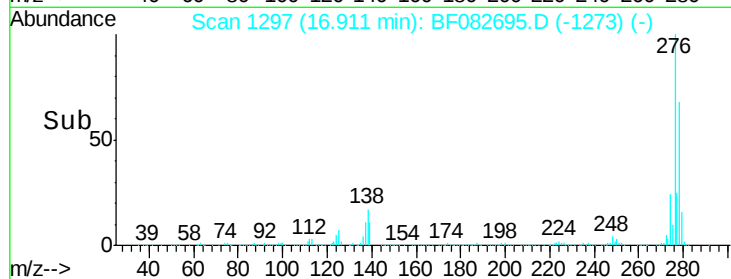
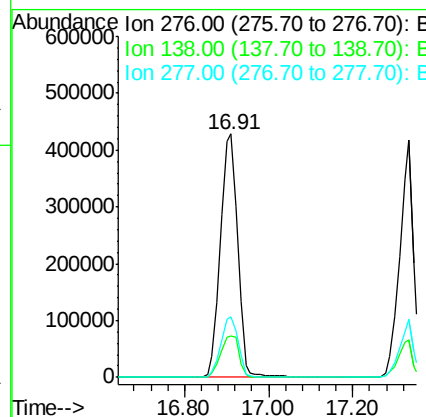
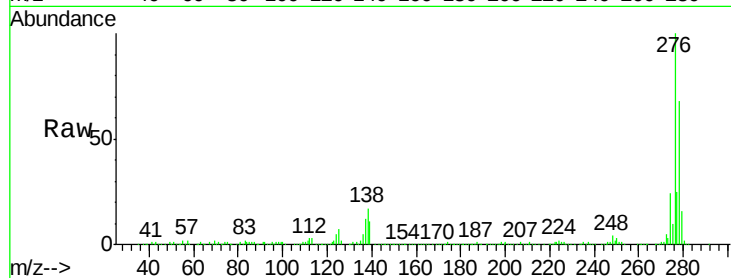
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.79 ng  
 RT: 16.91 min Scan# 1297  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 18.2  | 15.3  | 22.9  |
| 277     | 25.1  | 20.2  | 30.4  |

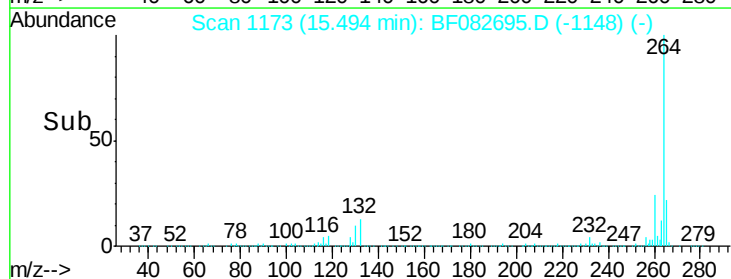
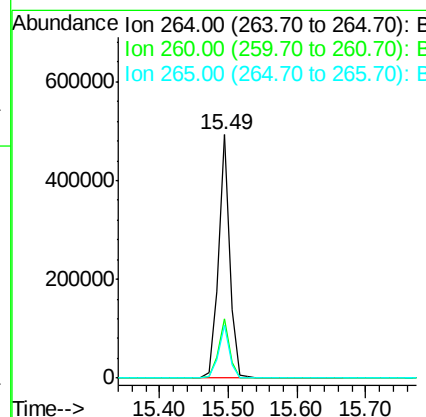
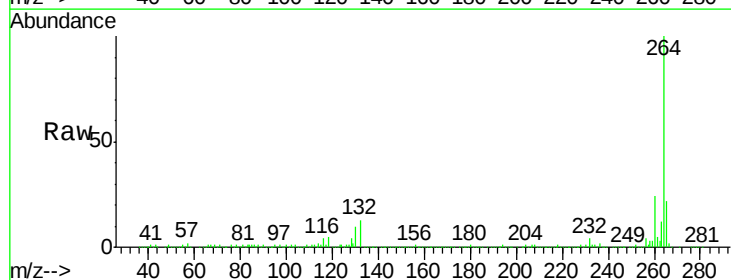
Manual Integrations  
 APPROVED

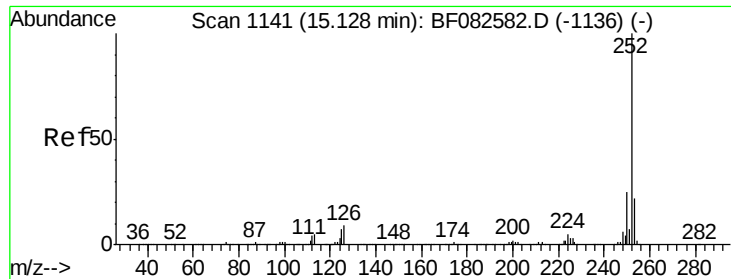
Mmdadoda  
 11/5/2015 2:19:30 PM



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.49 min Scan# 1173  
 Delta R.T. -0.01 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.8  | 29.6  |
| 265     | 21.9  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 33.03 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1307052

Ion Ratio Lower Upper

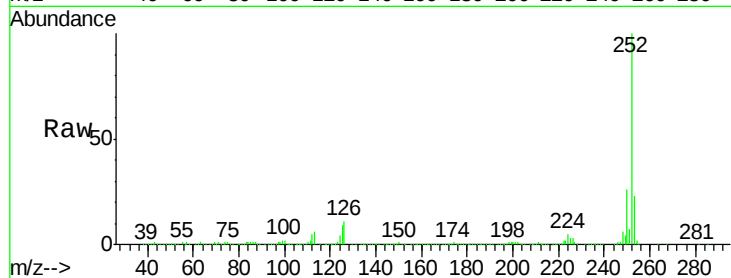
252 100

253 22.9 17.8 26.8

125 8.5 5.4 8.2#

Manual Integrations  
APPROVED

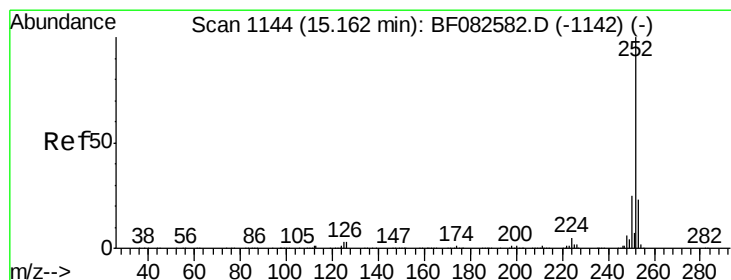
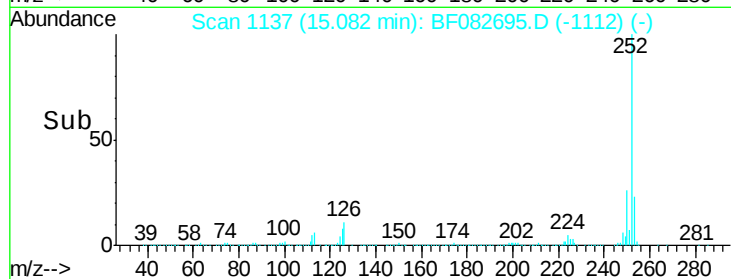
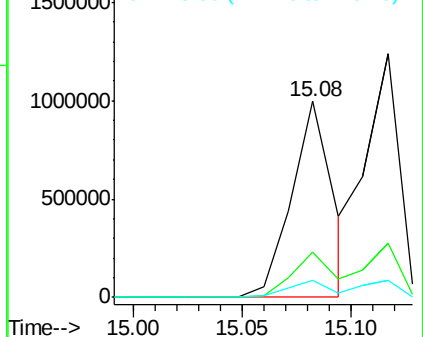
Mmdadoda  
11/5/2015 2:19:30 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.17 ng m

RT: 15.12 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF082695.D

Acq: 4 Nov 2015 12:26

Tgt Ion:252 Resp: 1331311

Ion Ratio Lower Upper

252 100

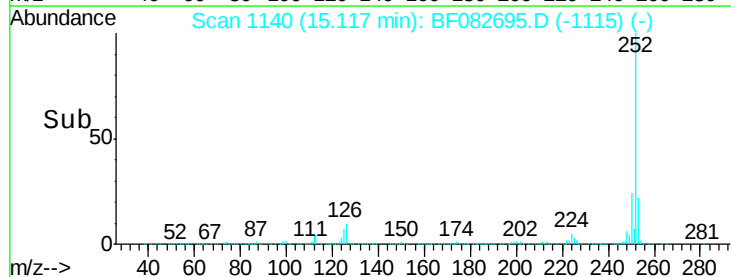
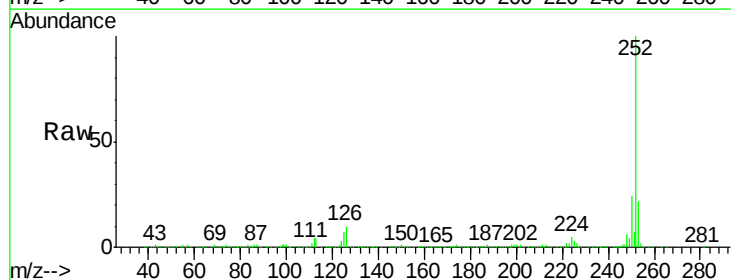
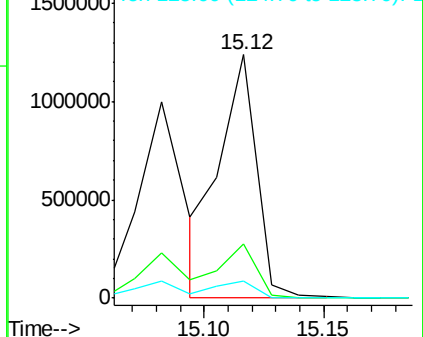
253 22.4 17.9 26.9

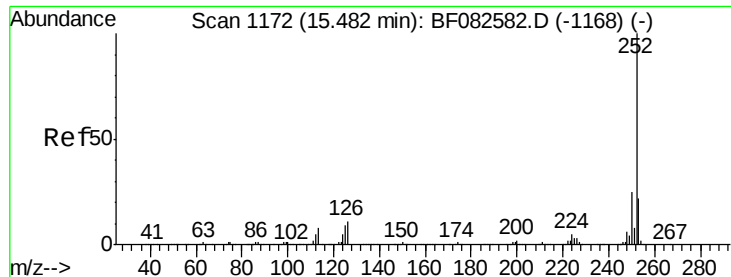
125 7.0 3.5 5.3#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





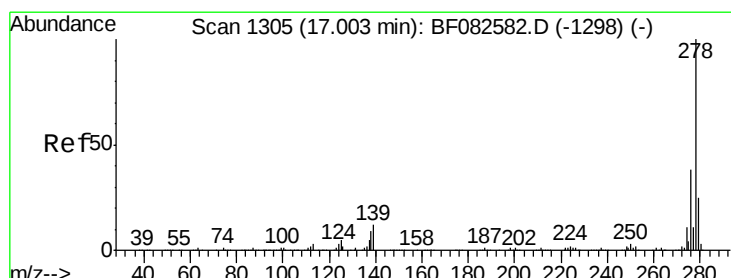
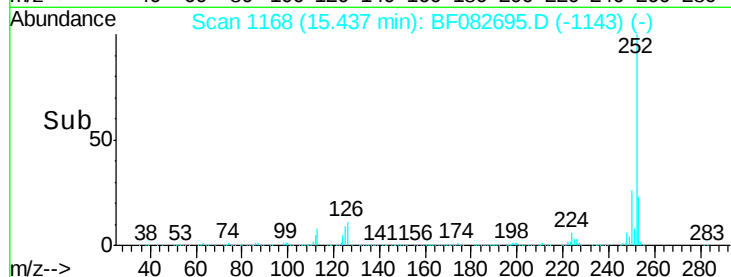
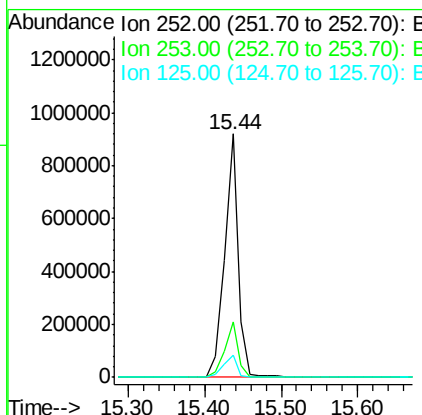
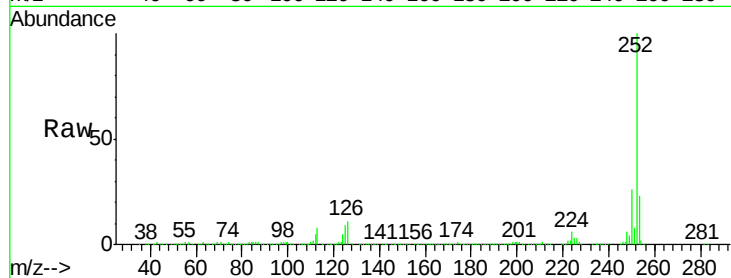
#89  
Benzo(a)pyrene  
Concen: 37.14 ng  
RT: 15.44 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 17.3  | 25.9  |
| 125     | 8.9   | 7.1   | 10.7  |

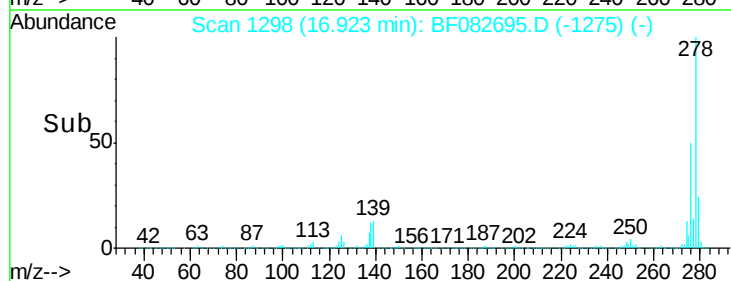
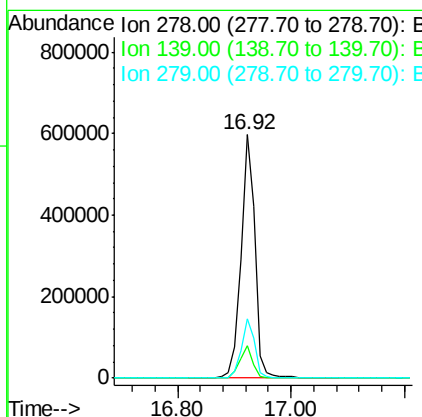
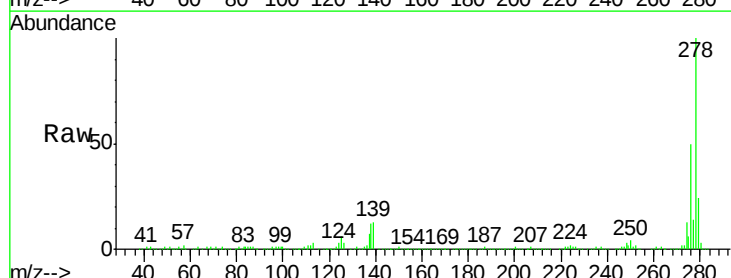
Manual Integrations  
APPROVED

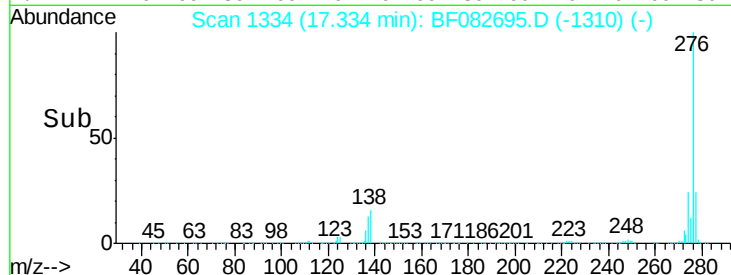
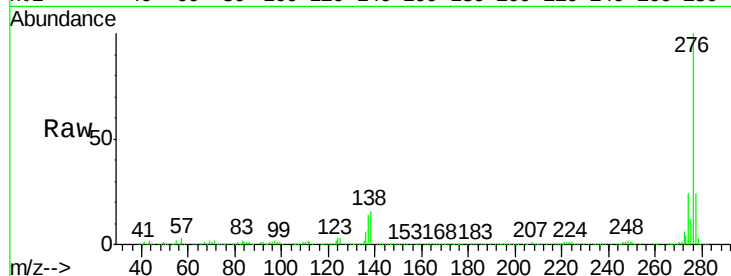
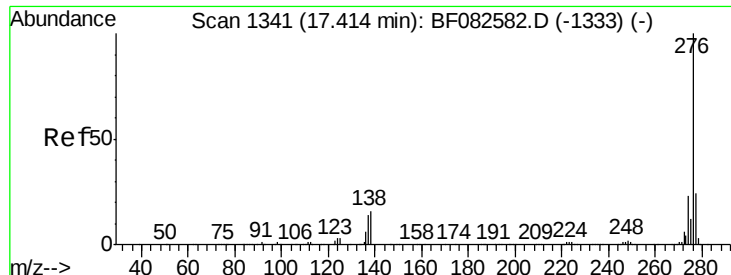
Mmdadoda  
11/5/2015 2:19:30 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 35.59 ng  
RT: 16.92 min Scan# 1298  
Delta R.T. -0.03 min  
Lab File: BF082695.D  
Acq: 4 Nov 2015 12:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.1  | 9.9   | 14.9  |
| 279     | 24.3  | 19.6  | 29.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 33.61 ng  
 RT: 17.33 min Scan# 1334  
 Delta R.T. -0.02 min  
 Lab File: BF082695.D  
 Acq: 4 Nov 2015 12:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 24.4  | 19.2       | 28.8  |
| 138     | 15.7  | 13.1       | 19.7  |

Manual Integrations  
 APPROVED

Mmdadoda  
 11/5/2015 2:19:30 PM

