

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\  
 Data File : BF089603.D  
 Acq On : 4 Aug 2016 23:38  
 Operator : UM/SJ  
 Sample : PB92673BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

Manual Integrations  
 APPROVED

sohil  
 8/5/2016 6:58:54 PM

Quant Time: Aug 05 02:04:32 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.45  | 152  | 43933    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 9.47  | 136  | 191977   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 12.30 | 164  | 91485    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 14.70 | 188  | 172399   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 18.39 | 240  | 121772   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 20.05 | 264  | 84326    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 299719 | 114.34 | ng | 0.02  |
| 7) Phenol-d6             | 6.98  | 99  | 396136 | 111.40 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.35  | 82  | 257414 | 74.17  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 13.59 | 330 | 86027  | 113.95 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 11.26 | 172 | 502927 | 71.45  | ng | 0.00  |
| 78) Terphenyl-d14        | 17.05 | 244 | 429048 | 69.56  | ng | 0.00  |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.84  | 88  | 41568  | 27.66 | ng | # 84   |
| 3) Pyridine                    | 2.40  | 79  | 92566  | 33.52 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 2.36  | 42  | 38903  | 34.21 | ng | 94     |
| 6) Aniline                     | 6.95  | 93  | 117049 | 25.40 | ng | 98     |
| 8) 2-Chlorophenol              | 7.12  | 128 | 124347 | 38.64 | ng | 99     |
| 9) Benzaldehyde                | 6.75  | 77  | 34238  | 26.54 | ng | 95     |
| 10) Phenol                     | 7.00  | 94  | 141240 | 38.69 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.08  | 93  | 115779 | 36.91 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.35  | 146 | 121467 | 34.75 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.47  | 146 | 120273 | 34.50 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.70  | 146 | 126289 | 34.37 | ng | 98     |
| 15) Benzyl Alcohol             | 7.74  | 79  | 95484  | 40.95 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 7.94  | 45  | 139139 | 34.84 | ng | 95     |
| 17) 2-Methylphenol             | 7.94  | 107 | 92162  | 39.65 | ng | 96     |
| 18) Hexachloroethane           | 8.22  | 117 | 51088  | 34.78 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.16  | 70  | 93623  | 36.45 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.20  | 107 | 117358 | 40.00 | ng | 99     |
| 22) Acetophenone               | 8.12  | 105 | 134648 | 29.42 | ng | 97     |
| 24) Nitrobenzene               | 8.39  | 77  | 119535 | 36.26 | ng | 94     |
| 25) Isophorone                 | 8.78  | 82  | 250857 | 37.75 | ng | 100    |
| 26) 2-Nitrophenol              | 8.89  | 139 | 55634  | 36.77 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.03  | 122 | 107813 | 39.64 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.16  | 93  | 149259 | 37.12 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.30  | 162 | 95548  | 37.12 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 9.40  | 180 | 103844 | 35.33 | ng | 97     |
| 31) Naphthalene                | 9.51  | 128 | 365782 | 35.85 | ng | 99     |
| 32) Benzoic acid               | 9.34  | 122 | 45930  | 26.88 | ng | 97     |
| 33) 4-Chloroaniline            | 9.67  | 127 | 42610  | 11.12 | ng | 98     |
| 34) Hexachlorobutadiene        | 9.72  | 225 | 56637  | 33.46 | ng | 98     |
| 35) Caprolactam                | 10.26 | 113 | 29972m | 39.96 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 10.50 | 107 | 113746 | 38.02 | ng | 94     |
| 37) 2-Methylnaphthalene        | 10.63 | 142 | 229980 | 36.65 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.91 | 216 | 91929  | 26.74 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 10.89 | 237 | 85043  | 72.43 | ng | 99     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\  
 Data File : BF089603.D  
 Acq On : 4 Aug 2016 23:38  
 Operator : UM/SJ  
 Sample : PB92673BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

Manual Integrations  
 APPROVED

sohil  
 8/5/2016 6:58:54 PM

Quant Time: Aug 05 02:04:32 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 01:39:23 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 11.13 | 196  | 61518    | 36.27 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 11.20 | 196  | 70052    | 38.65 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 11.40 | 154  | 262418   | 31.81 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 11.42 | 162  | 222038   | 35.90 | nq    | 98       |
| 47) 2-Nitroaniline             | 11.62 | 65   | 69510    | 34.86 | nq    | 98       |
| 48) Acenaphthylene             | 12.07 | 152  | 366231   | 35.94 | nq    | 100      |
| 49) Dimethylphthalate          | 11.96 | 163  | 280967   | 39.18 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 12.04 | 165  | 57380    | 40.25 | nq    | 97       |
| 51) Acenaphthene               | 12.35 | 154  | 212191   | 36.05 | nq    | 99       |
| 52) 3-Nitroaniline             | 12.31 | 138  | 31724    | 18.60 | nq    | # 94     |
| 53) 2,4-Dinitrophenol          | 12.50 | 184  | 42207    | 70.49 | nq    | 98       |
| 54) Dibenzofuran               | 12.64 | 168  | 328322   | 40.58 | nq    | 99       |
| 55) 4-Nitrophenol              | 12.67 | 139  | 63256m   | 68.02 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 12.70 | 165  | 79311    | 39.55 | nq    | 98       |
| 57) Fluorene                   | 13.19 | 166  | 264074   | 38.18 | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 12.87 | 232  | 55891    | 40.62 | nq    | 98       |
| 59) Diethylphthalate           | 13.11 | 149  | 287260   | 38.74 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 13.22 | 204  | 119470   | 37.67 | nq    | 98       |
| 61) 4-Nitroaniline             | 13.31 | 138  | 53990    | 35.22 | nq    | 95       |
| 62) Azobenzene                 | 13.47 | 77   | 306740   | 42.77 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 13.36 | 198  | 38196    | 37.52 | nq    | 98       |
| 65) n-Nitrosodiphenylamine     | 13.44 | 169  | 224974   | 38.64 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 14.01 | 248  | 66366    | 39.80 | nq    | 96       |
| 67) Hexachlorobenzene          | 14.07 | 284  | 65456    | 35.68 | nq    | 99       |
| 68) Atrazine                   | 14.35 | 200  | 72389    | 44.53 | nq    | 98       |
| 69) Pentachlorophenol          | 14.42 | 266  | 57974    | 74.14 | nq    | 98       |
| 70) Phenanthrene               | 14.73 | 178  | 368535   | 39.31 | nq    | 99       |
| 71) Anthracene                 | 14.81 | 178  | 384767   | 38.28 | nq    | 100      |
| 72) Carbazole                  | 15.10 | 167  | 334321   | 39.91 | nq    | 99       |
| 73) Di-n-butylphthalate        | 15.69 | 149  | 448967   | 39.63 | nq    | 99       |
| 74) Fluoranthene               | 16.49 | 202  | 374607   | 38.87 | nq    | 99       |
| 76) Benzidine                  | 16.73 | 184  | 122735   | 33.25 | nq    | 99       |
| 77) Pyrene                     | 16.79 | 202  | 362510   | 33.67 | nq    | 98       |
| 79) Butylbenzylphthalate       | 17.73 | 149  | 178340   | 38.93 | nq    | 98       |
| 80) Benzo(a)anthracene         | 18.38 | 228  | 268828   | 38.42 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 18.37 | 252  | 52801    | 23.95 | nq    | 98       |
| 82) Chrysene                   | 18.42 | 228  | 274838   | 37.44 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 18.47 | 149  | 244111   | 38.48 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 19.23 | 149  | 361880   | 39.64 | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 21.22 | 276  | 199333   | 35.76 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 19.65 | 252  | 206005   | 39.72 | nq    | 100      |
| 88) Benzo(k)fluoranthene       | 19.67 | 252  | 204559m  | 39.10 | nq    |          |
| 89) Benzo(a)pyrene             | 19.99 | 252  | 190876   | 39.31 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 21.23 | 278  | 167726   | 36.98 | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 21.55 | 276  | 170553   | 36.73 | nq    | 99       |

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

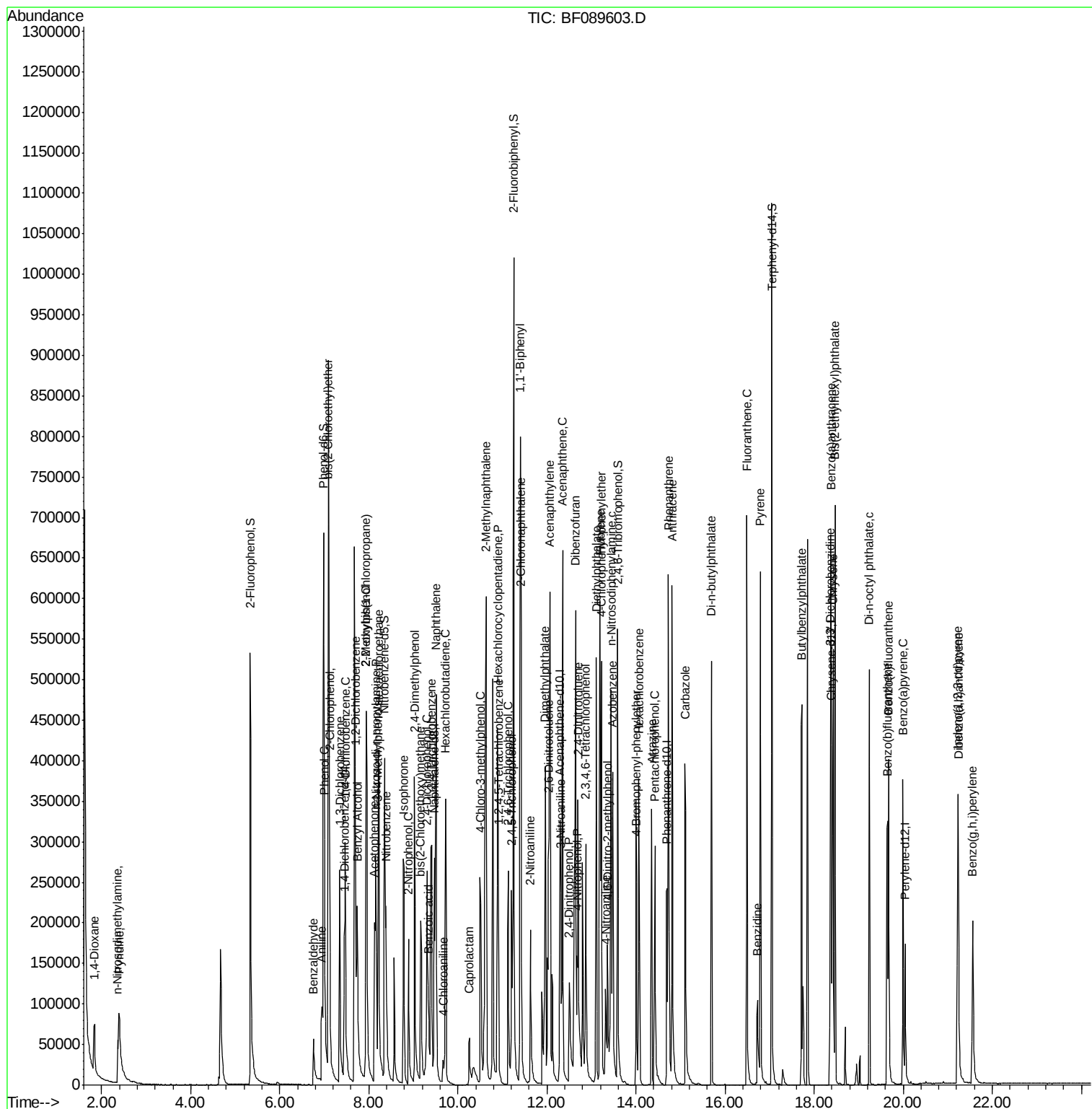
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\  
Data File : BF089603.D  
Acq On : 4 Aug 2016 23:38  
Operator : UM/SJ  
Sample : PB92673BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

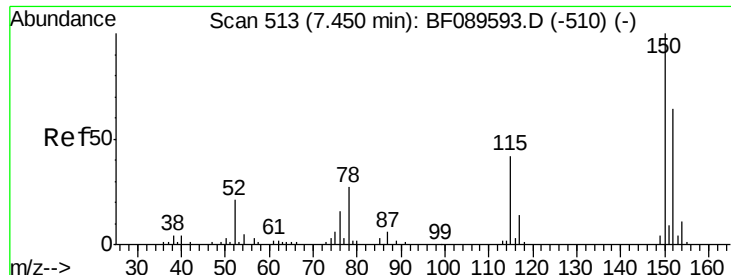
Instrument :  
BNA\_F  
ClientSampled :  
PB92673BS

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM

Quant Time: Aug 05 02:04:32 2016  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 05 01:39:23 2016  
Response via : Initial Calibration





#1

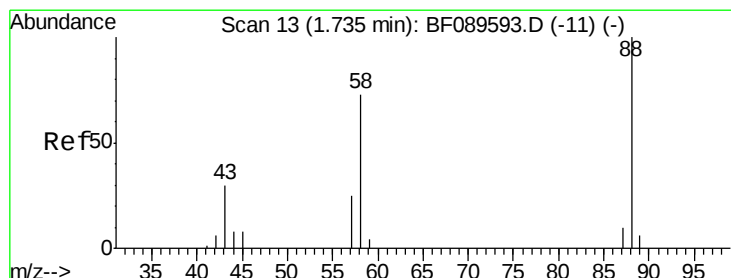
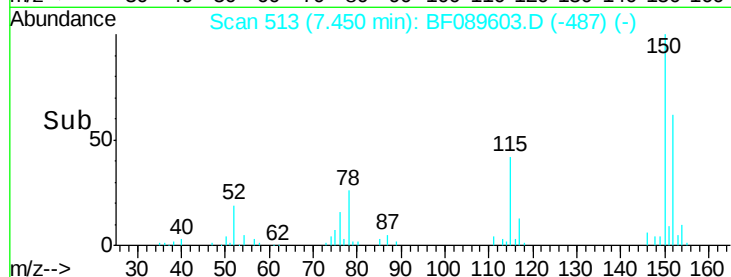
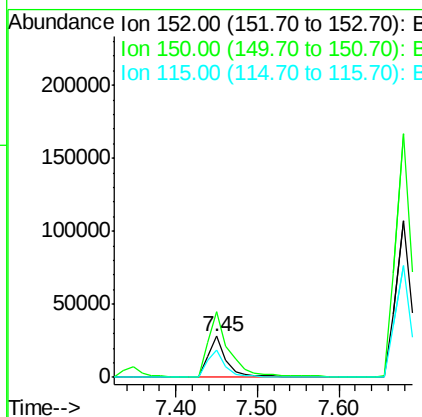
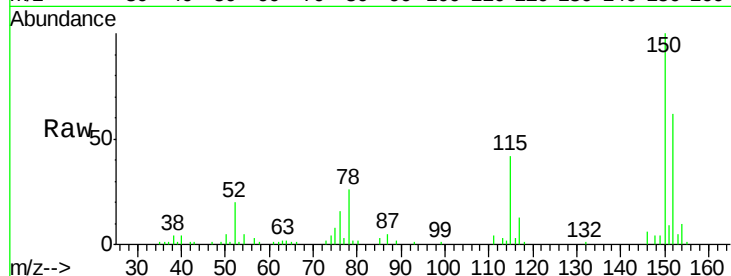
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.45 min Scan# 513  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 160.2 | 125.5 | 188.3 |
| 115     | 67.3  | 52.0  | 78.0  |

Manual Integrations  
APPROVED

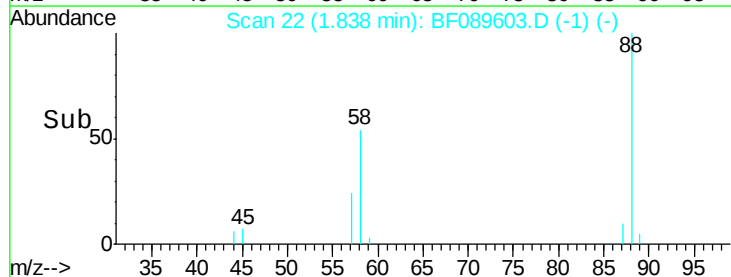
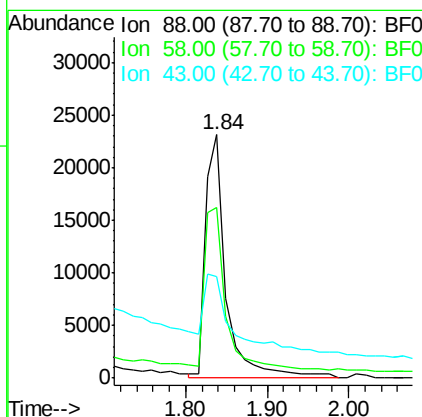
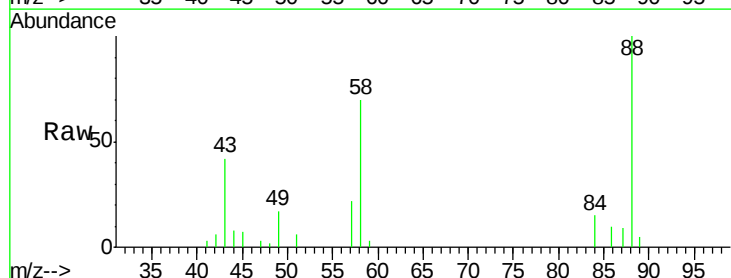
sohil  
8/5/2016 6:58:54 PM

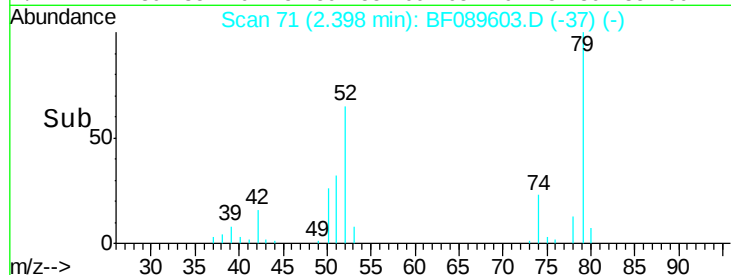
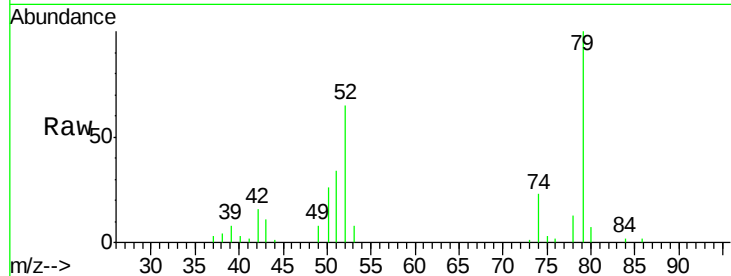
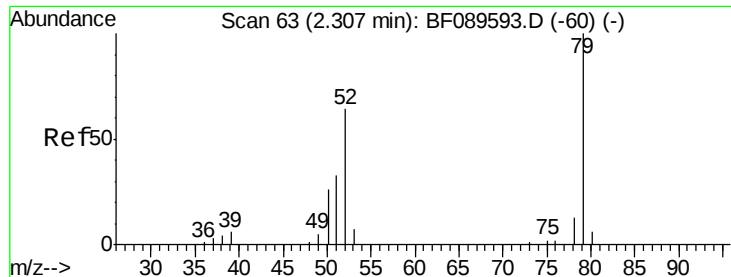


#2

1,4-Dioxane  
Concen: 27.66 ng  
RT: 1.84 min Scan# 22  
Delta R.T. 0.10 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 68.0  | 49.8  | 74.8  |
| 43      | 44.0  | 20.1  | 30.1  |





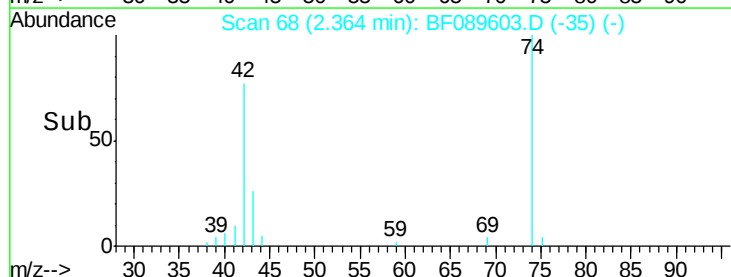
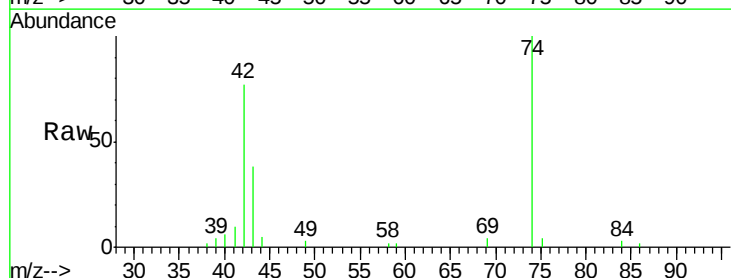
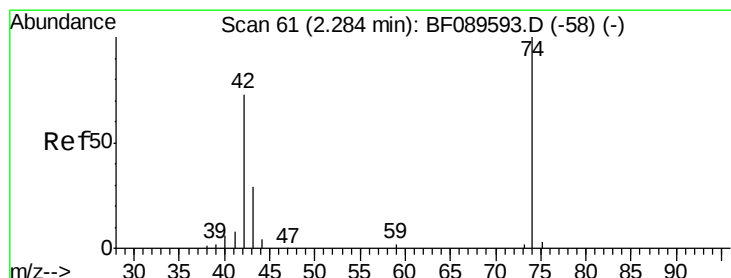
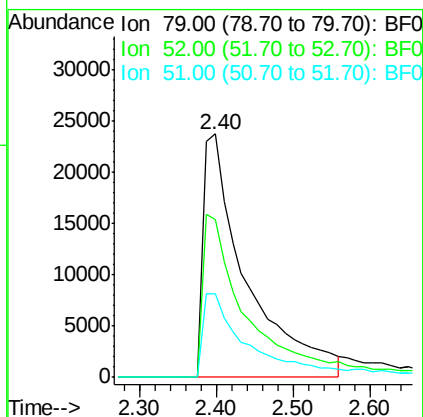
#3  
Pvridine  
Concen: 33.52 ng  
RT: 2.40 min Scan# 71  
Delta R.T. 0.09 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 92566 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 65.1  | 51.0  | 76.4  |
| 51       | 34.4  | 27.9  | 41.9  |

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

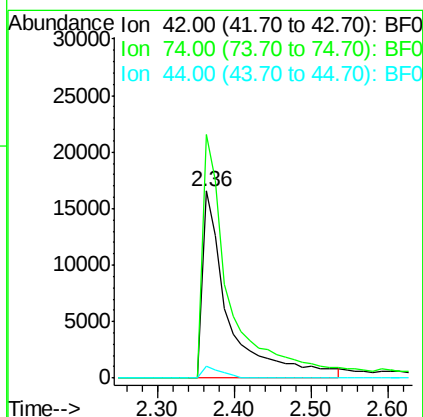
Manual Integrations  
APPROVED

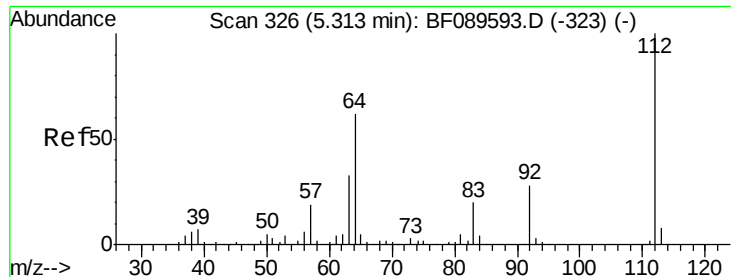
sohil  
8/5/2016 6:58:54 PM



#4  
n-Nitrosodimethylamine  
Concen: 34.21 ng  
RT: 2.36 min Scan# 68  
Delta R.T. 0.08 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 38903 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 130.3 | 110.0 | 165.0 |
| 44       | 6.4   | 4.8   | 7.2   |





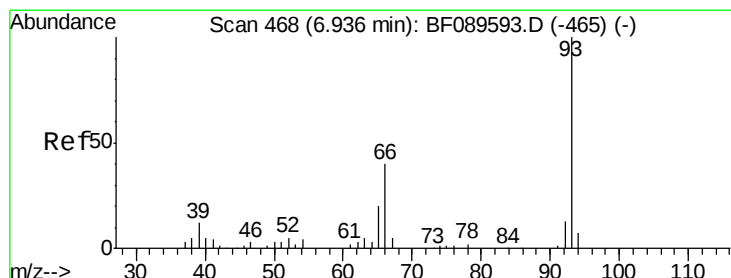
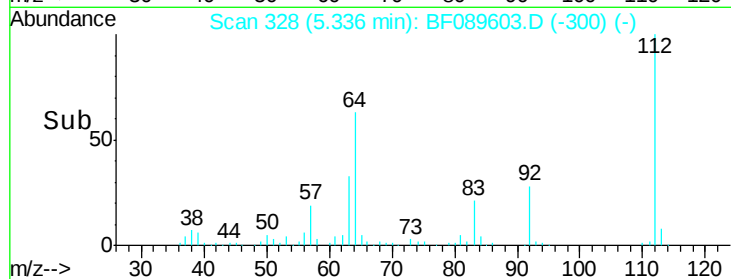
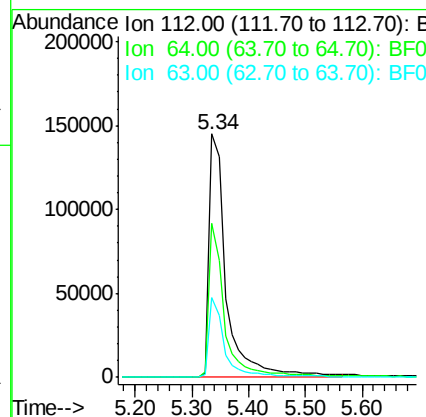
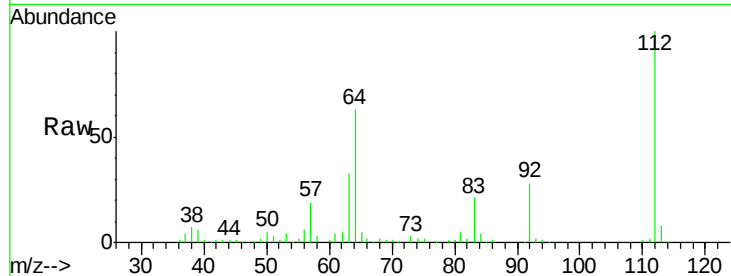
#5  
2-Fluorophenol  
Concen: 114.34 ng  
RT: 5.34 min Scan# 328  
Delta R.T. 0.02 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 299719 |       |       |
| 64      | 63.0  | 49.9   | 74.9  |       |
| 63      | 32.9  | 26.1   | 39.1  |       |

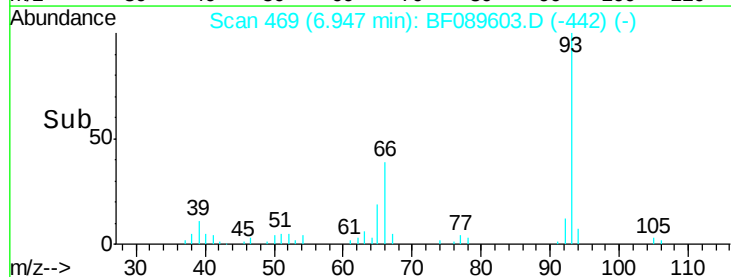
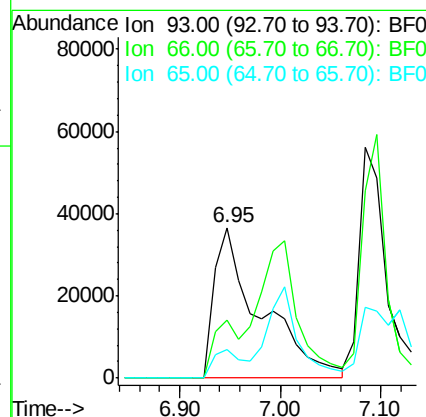
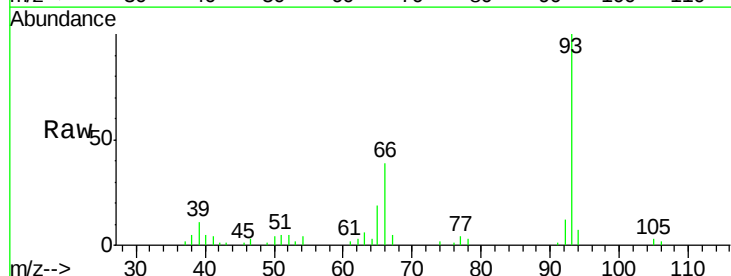
Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#6  
Aniline  
Concen: 25.40 ng  
RT: 6.95 min Scan# 469  
Delta R.T. 0.01 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 117049 |       |       |
| 66      | 38.8  | 32.2   | 48.2  |       |
| 65      | 18.6  | 15.8   | 23.8  |       |





#7

Phenol-d6

Concen: 111.40 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

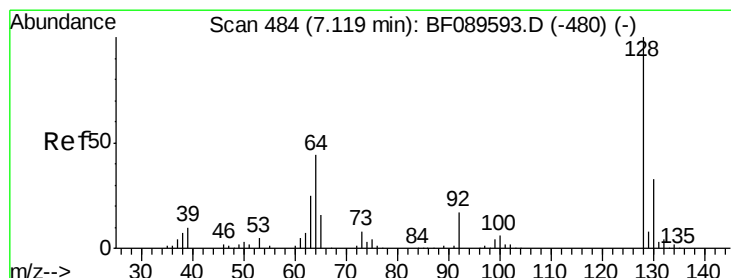
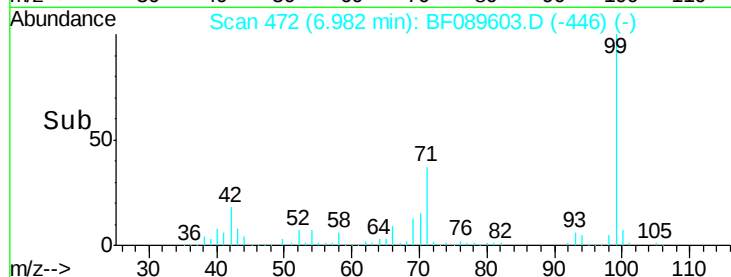
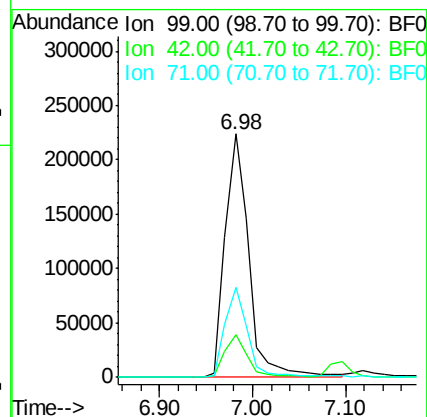
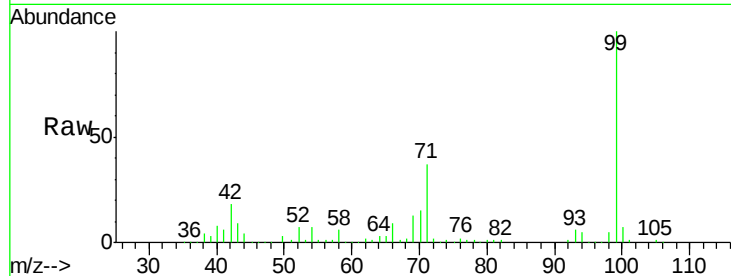
ClientSampleId :

PB92673BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 396136 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.5  | 13.7  | 20.5   |
| 71        | 37.0  | 29.0  | 43.4   |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#8

2-Chlorophenol

Concen: 38.64 ng

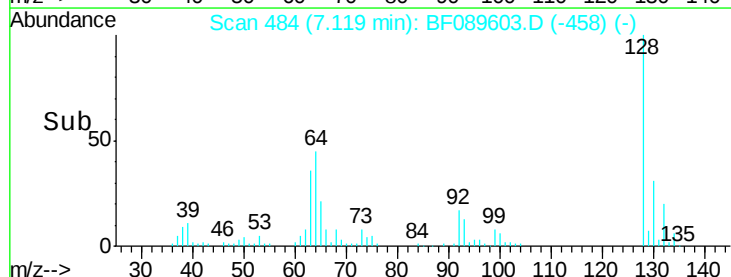
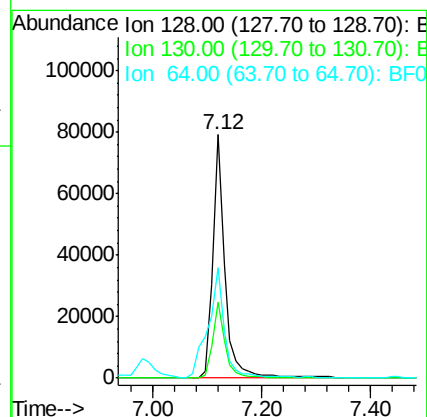
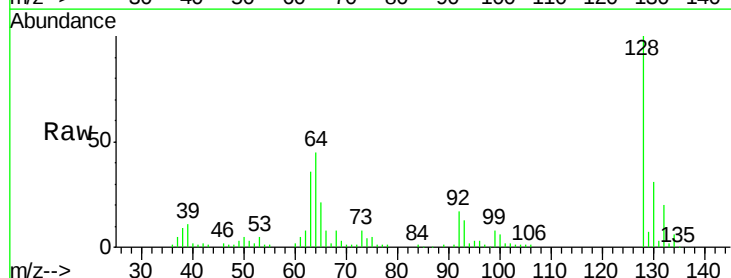
RT: 7.12 min Scan# 484

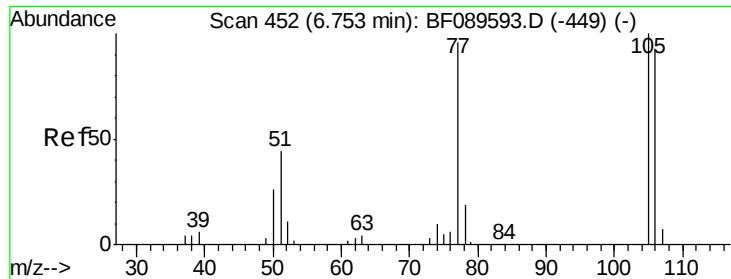
Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 124347 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.3  | 12.6  | 52.6   |
| 64        | 45.3  | 25.3  | 65.3   |





#9

Benzaldehyde

Concen: 26.54 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

ClientSampleId :

PB92673BS

Tot Ion: 77 Resp: 34238

Ion Ratio Lower Upper

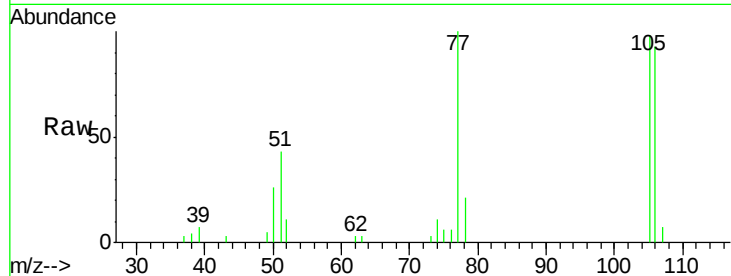
77 100

105 98.0 84.7 124.7

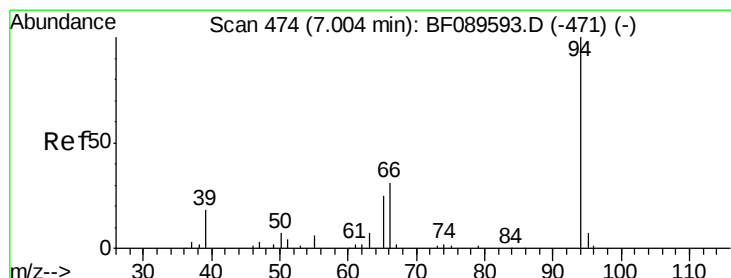
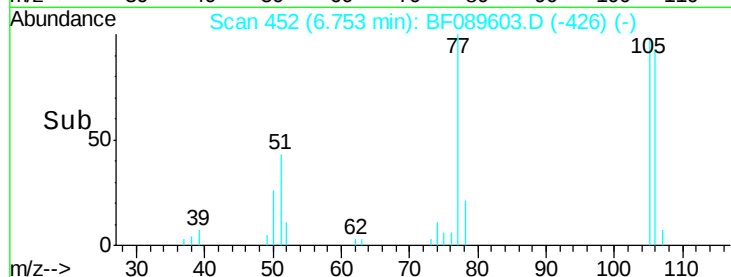
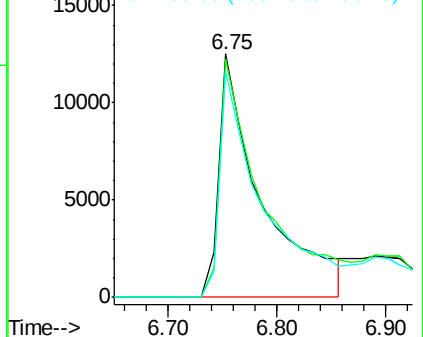
106 92.9 77.1 117.1

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 105.00 (104.70 to 105.70): BF0  
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.69 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

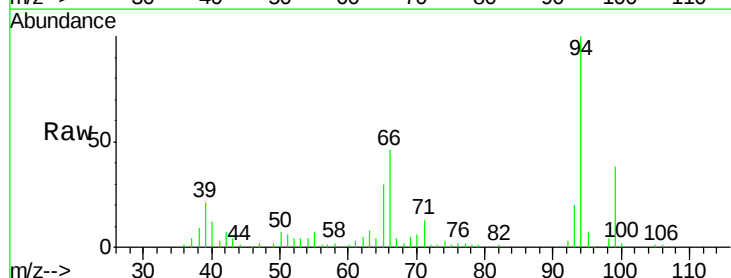
Tgt Ion: 94 Resp: 141240

Ion Ratio Lower Upper

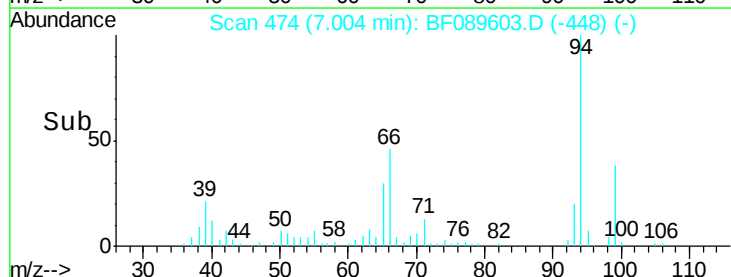
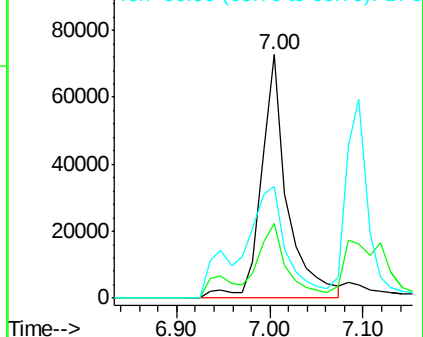
94 100

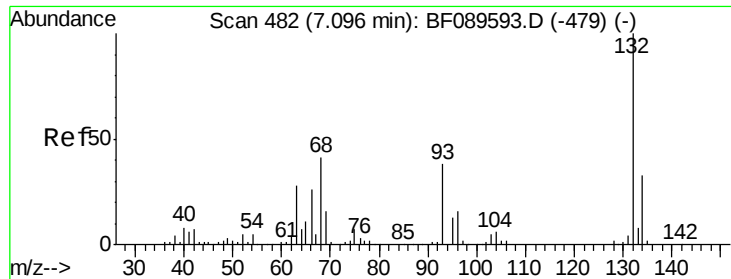
65 30.4 11.0 51.0

66 45.8 27.4 67.4



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.91 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

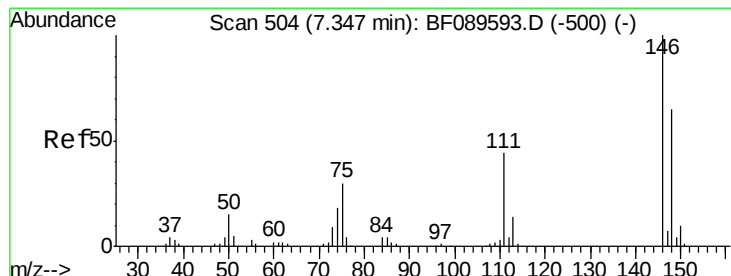
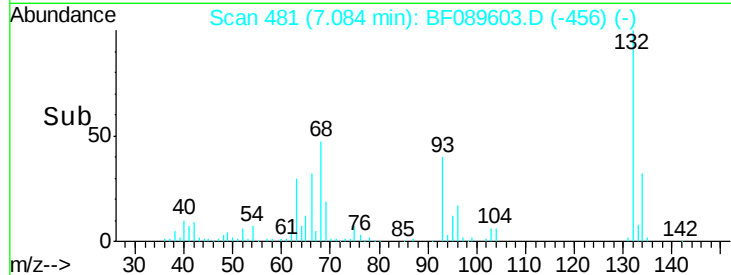
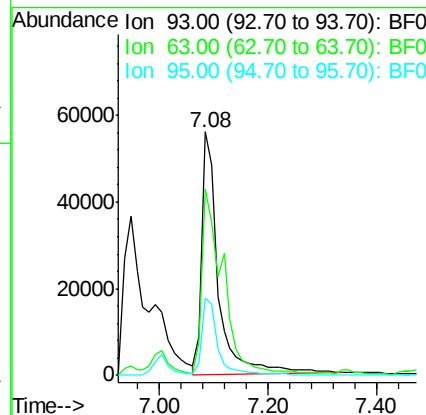
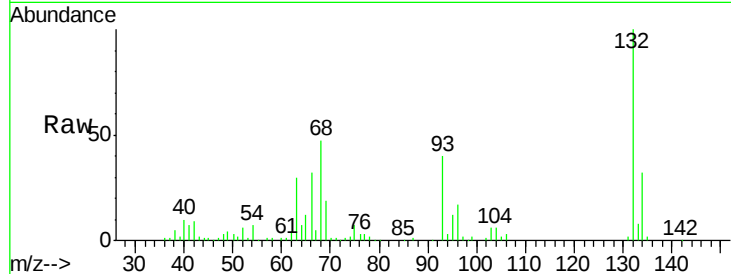
ClientSampleId :

PB92673BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 115779 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 76.2  | 52.2  | 92.2   |
| 95       | 31.5  | 13.1  | 53.1   |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#12

1,3-Dichlorobenzene

Concen: 34.75 ng

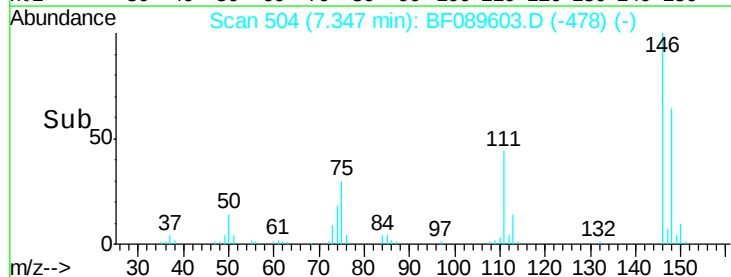
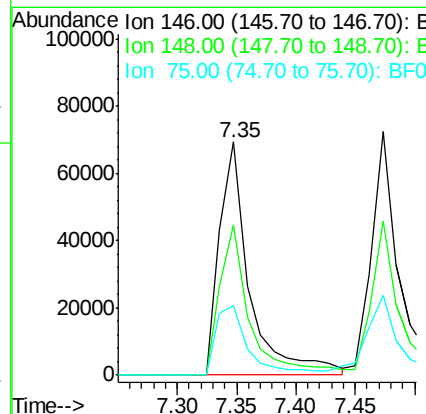
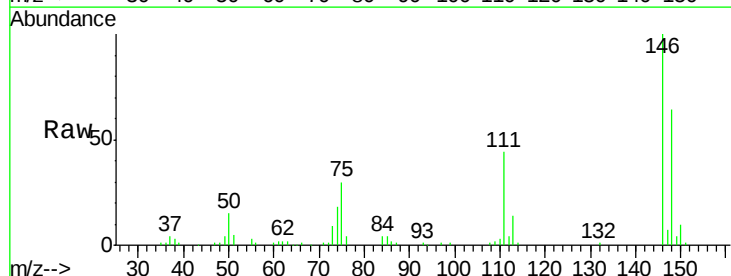
RT: 7.35 min Scan# 504

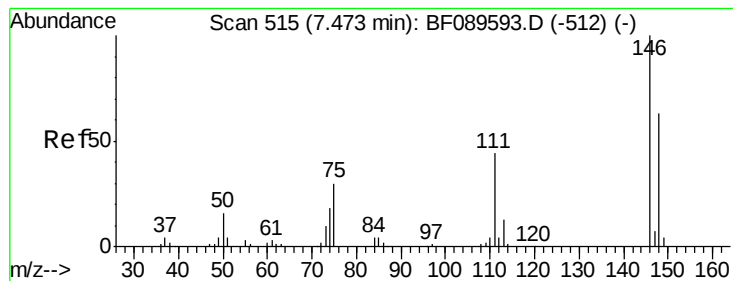
Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 121467 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 52.1  | 78.1   |
| 75       | 30.1  | 24.1  | 36.1   |





#13

1,4-Dichlorobenzene

Concen: 34.50 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

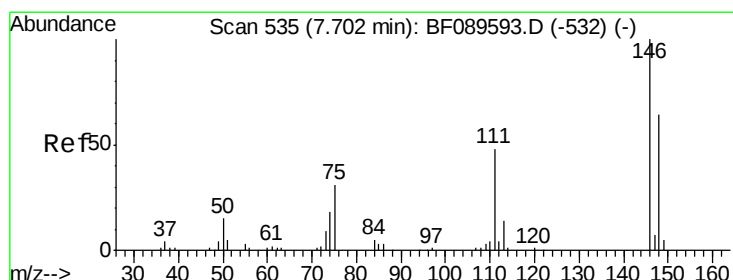
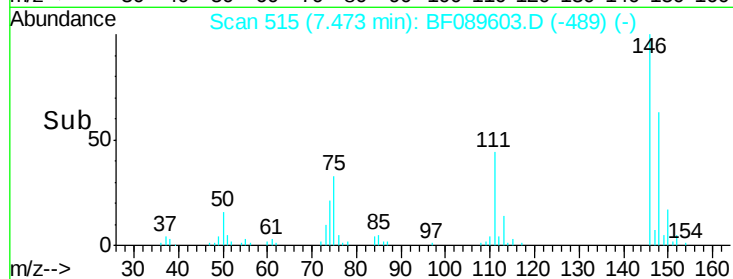
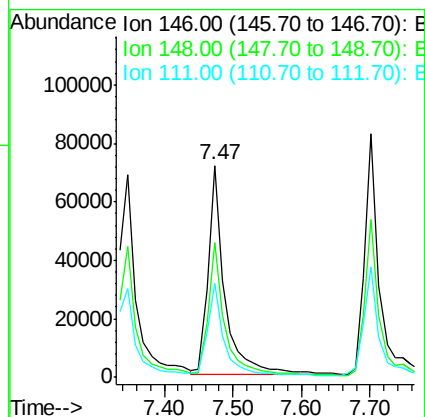
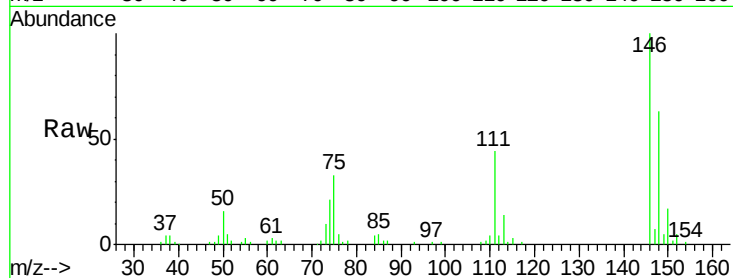
ClientSampleId :

PB92673BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 120273 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 50.4  | 75.6   |
| 111       | 44.2  | 35.0  | 52.4   |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#14

1,2-Dichlorobenzene

Concen: 34.37 ng

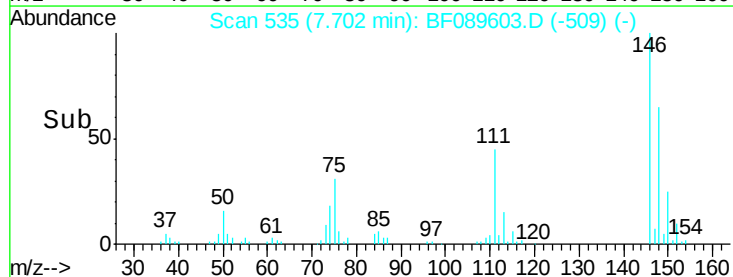
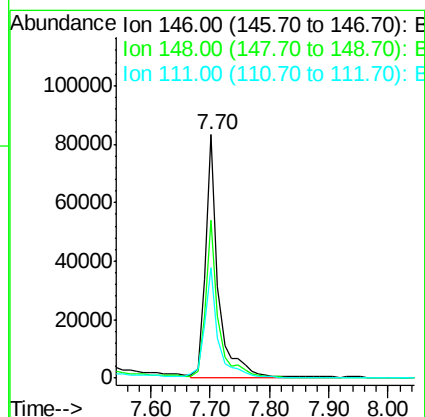
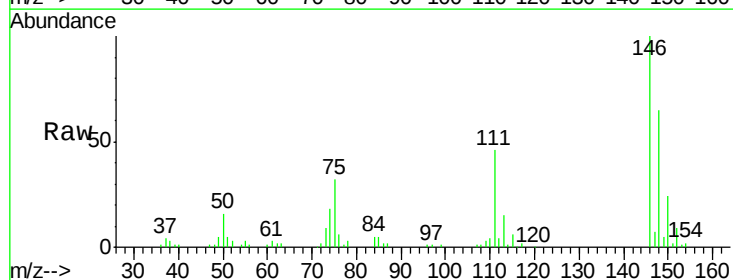
RT: 7.70 min Scan# 535

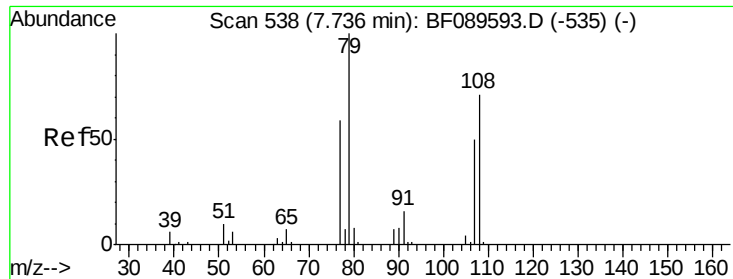
Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 126289 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.0  | 51.0  | 76.6   |
| 111       | 45.5  | 38.5  | 57.7   |





#15

Benzyl Alcohol

Concen: 40.95 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

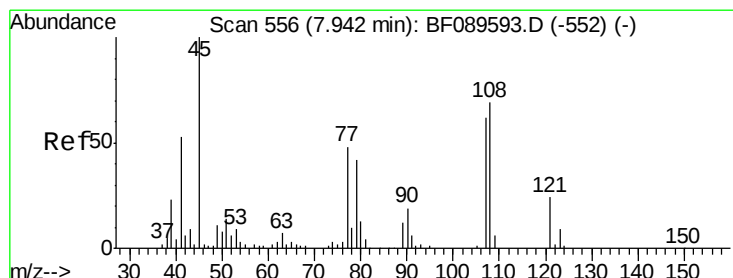
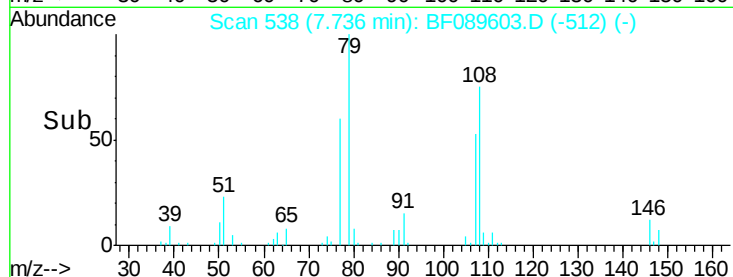
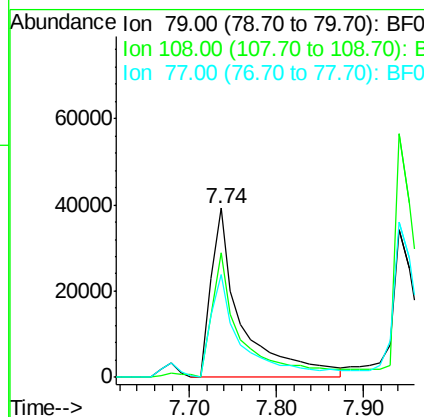
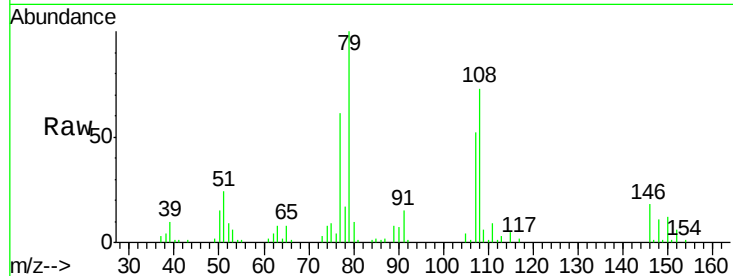
ClientSampleId :

PB92673BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 95484 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 73.3  | 58.3  | 87.5  |
| 77        | 61.1  | 48.7  | 73.1  |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.84 ng

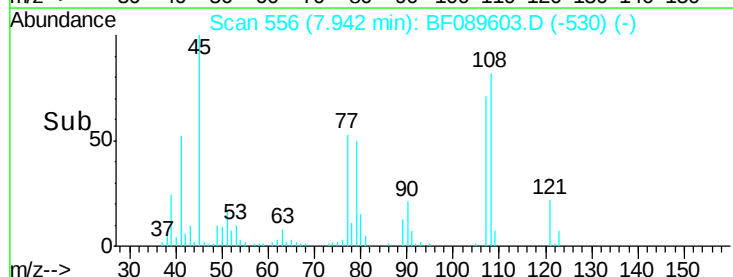
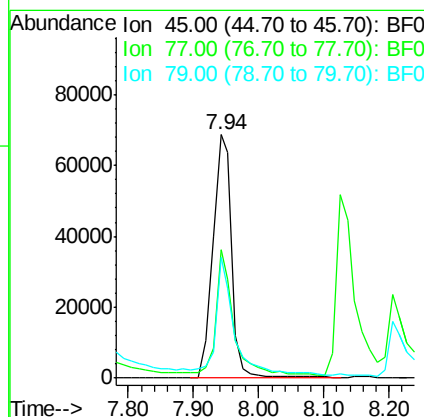
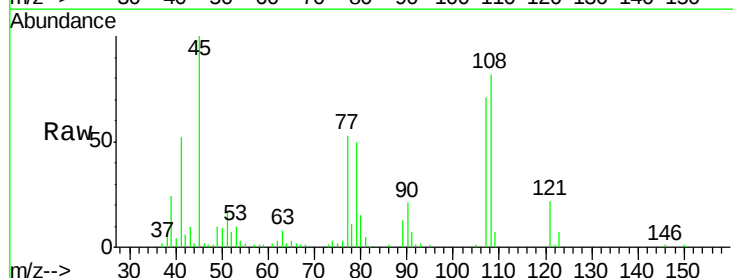
RT: 7.94 min Scan# 556

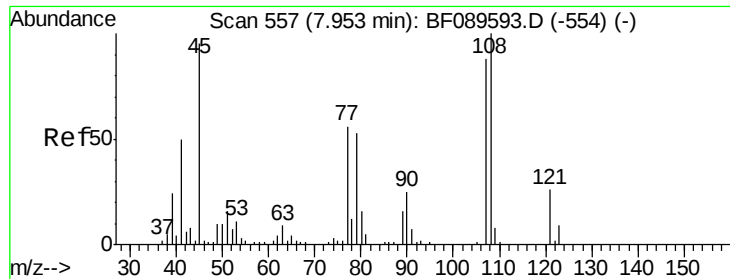
Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 139139 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 52.6  | 30.1  | 70.1   |
| 79        | 49.6  | 25.5  | 65.5   |





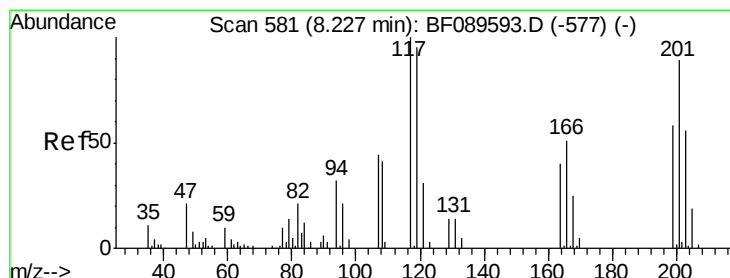
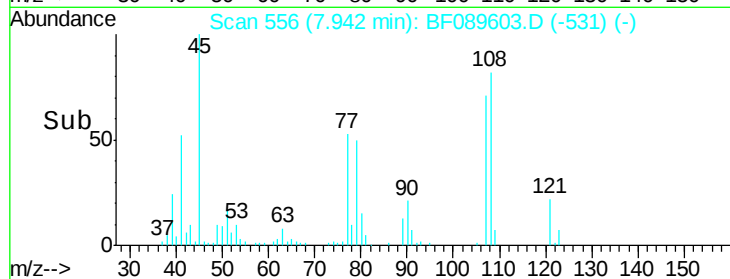
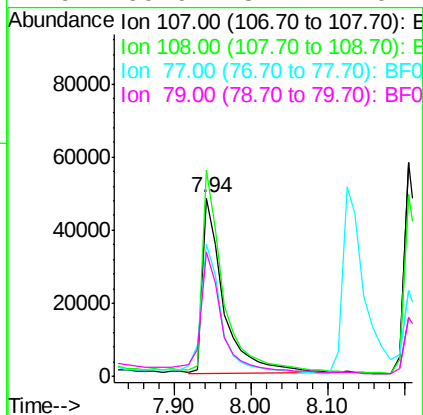
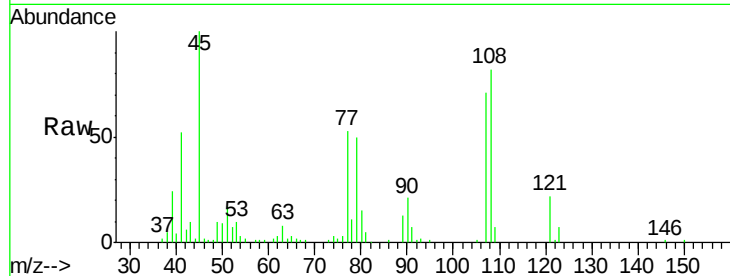
#17  
2-Methylphenol  
Concen: 39.65 ng  
RT: 7.94 min Scan# 556  
Delta R.T. -0.01 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.6 | 91.2  | 136.8 |
| 77      | 74.0  | 54.6  | 82.0  |
| 79      | 69.9  | 52.7  | 79.1  |

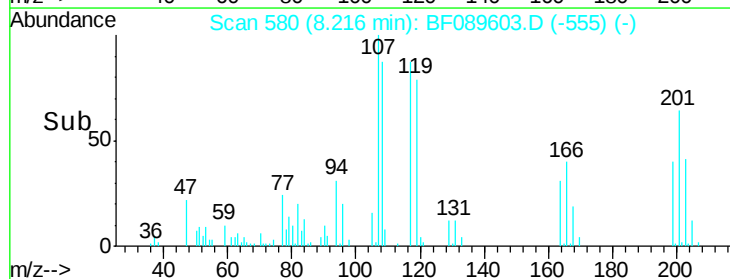
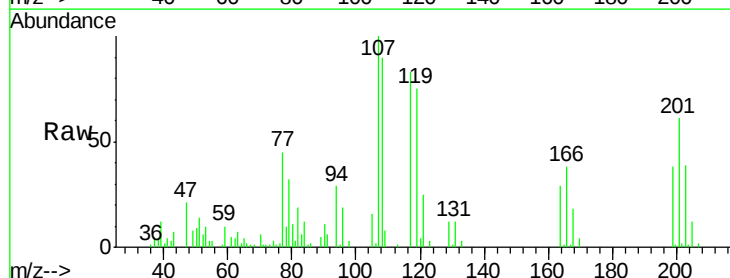
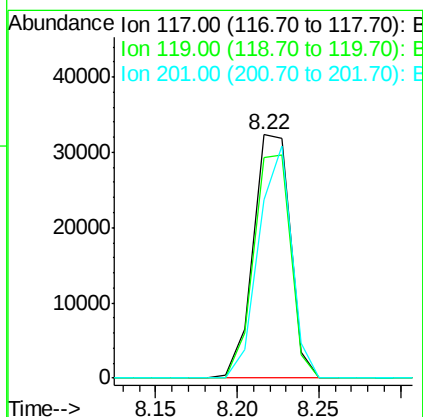
Manual Integrations  
APPROVED

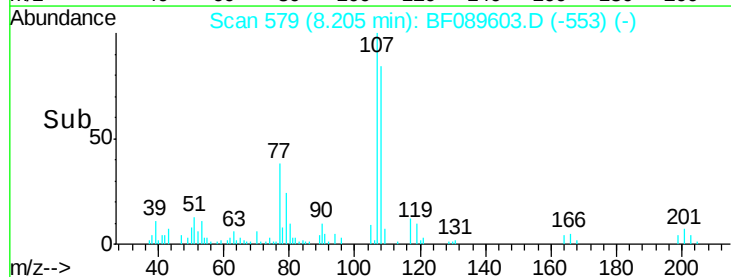
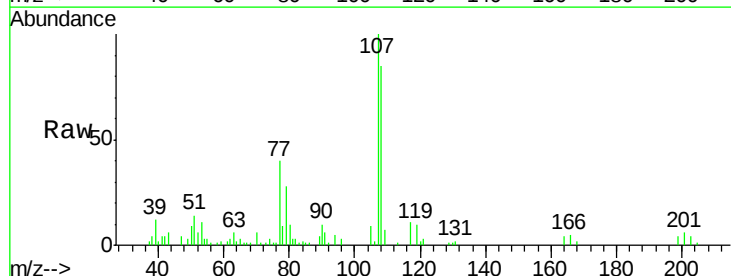
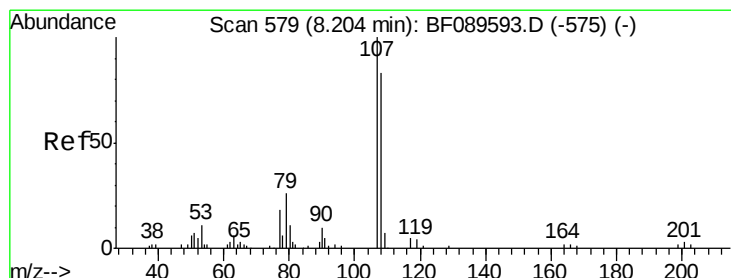
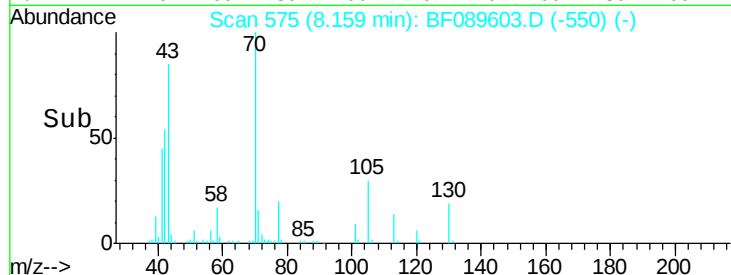
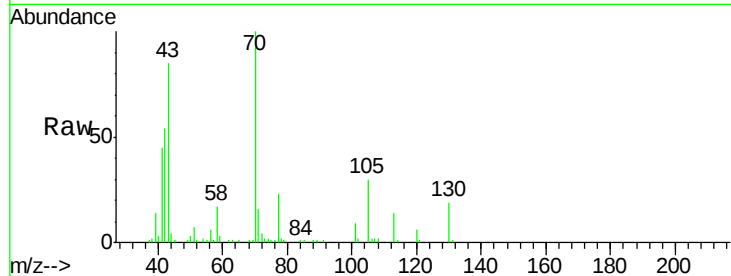
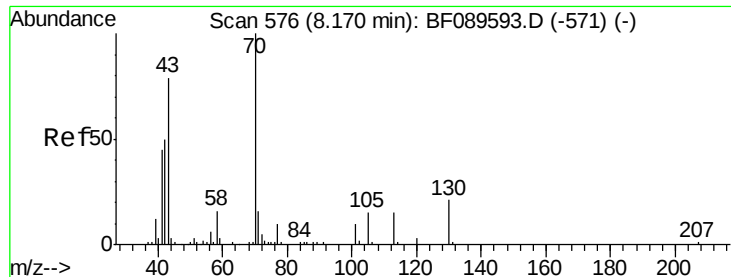
sohil  
8/5/2016 6:58:54 PM



#18  
Hexachloroethane  
Concen: 34.78 ng  
RT: 8.22 min Scan# 580  
Delta R.T. -0.01 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

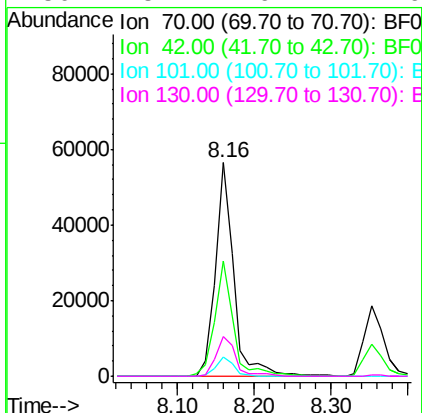
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.8  | 75.7  | 113.5 |
| 201     | 73.0  | 71.6  | 107.4 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.45 ng  
RT: 8.16 min Scan# 575  
Delta R.T. -0.01 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 54.2  | 40.2  | 60.2  |
| 101     | 8.9   | 7.8   | 11.6  |
| 130     | 18.7  | 16.4  | 24.6  |



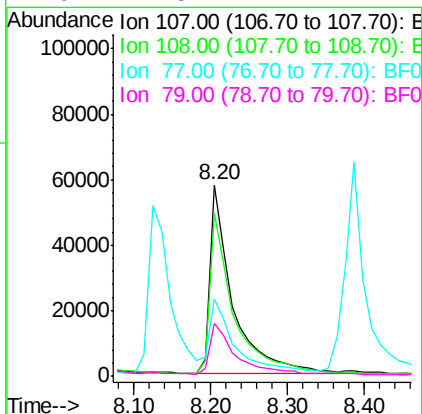
Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

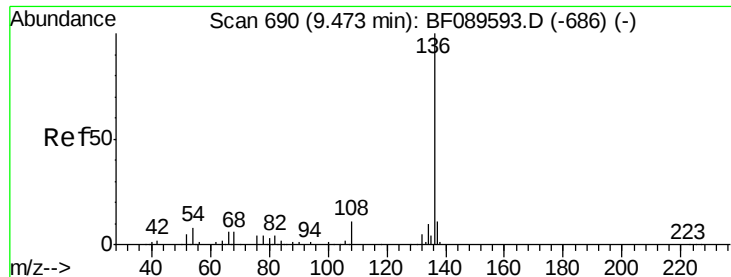
Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM

#20  
3+4-Methylphenols  
Concen: 40.00 ng  
RT: 8.20 min Scan# 579  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.0  | 63.8  | 103.8 |
| 77      | 40.3  | 19.5  | 59.5  |
| 79      | 27.5  | 7.1   | 47.1  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

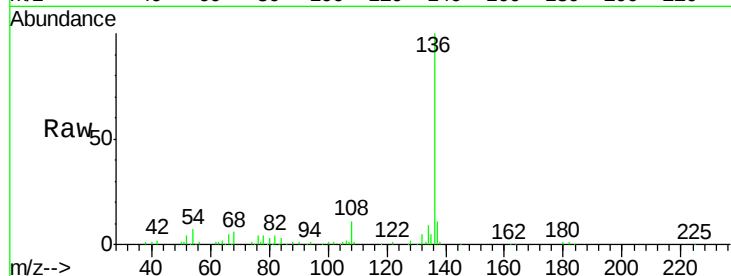
ClientSampleId :

PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 191977 |       |       |
| 137     | 10.7  | 8.6    | 12.8  |       |
| 54      | 7.3   | 6.0    | 9.0   |       |
| 68      | 5.9   | 4.6    | 6.8   |       |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM

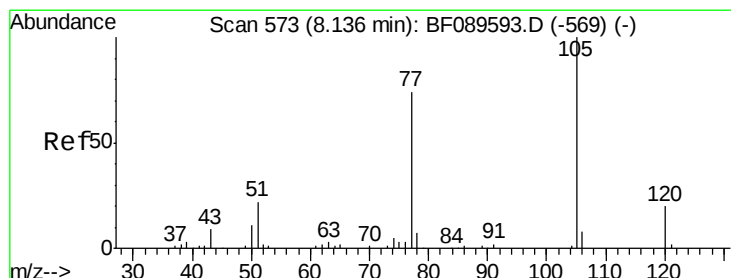
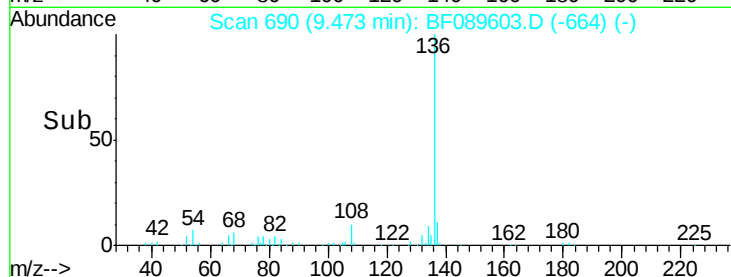
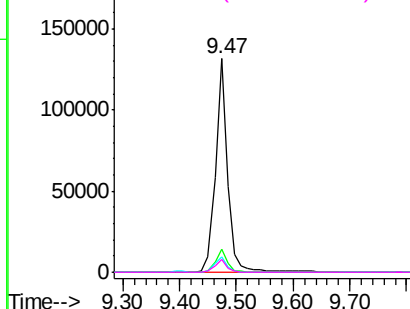


Abundance Ion 136.00 (135.70 to 136.70): E

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: 29.42 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

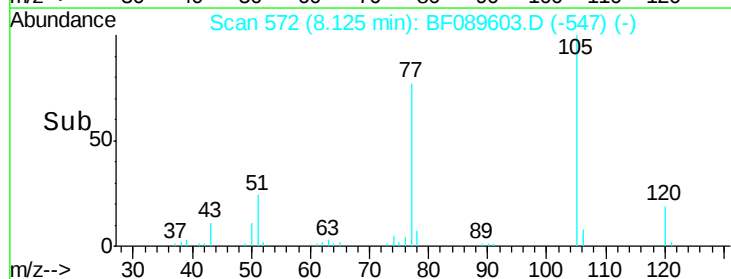
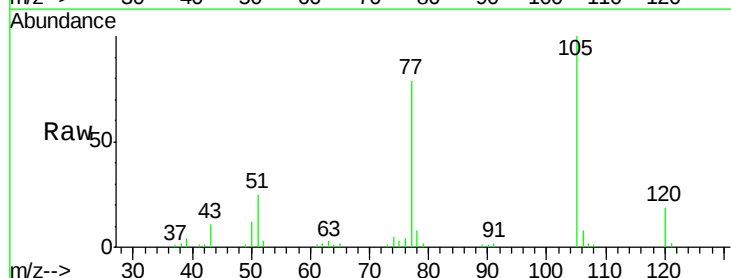
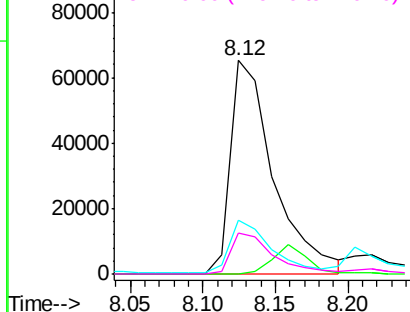
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 134648 |       |       |
| 71      | 0.0   | 0.0    | 0.0   |       |
| 51      | 25.4  | 18.2   | 27.2  |       |
| 120     | 19.1  | 15.7   | 23.5  |       |

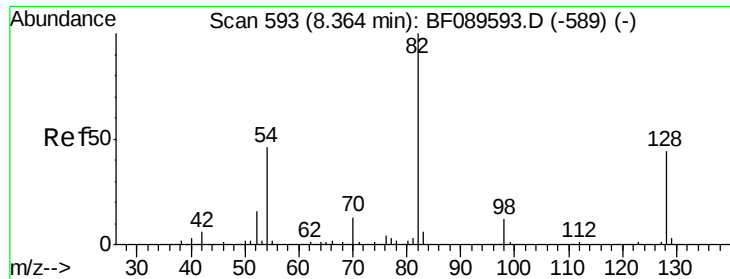
Abundance Ion 105.00 (104.70 to 105.70): E

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





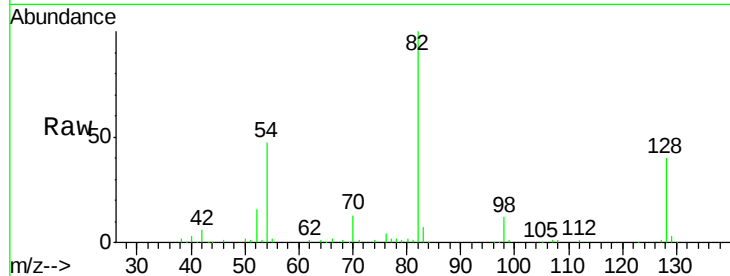
#23  
 Nitrobenzene-d5  
 Concen: 74.17 ng  
 RT: 8.35 min Scan# 592  
 Delta R.T. -0.01 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

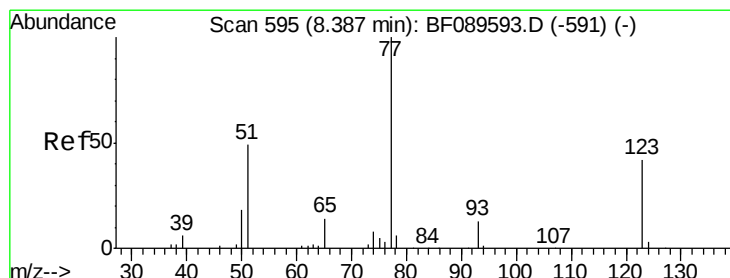
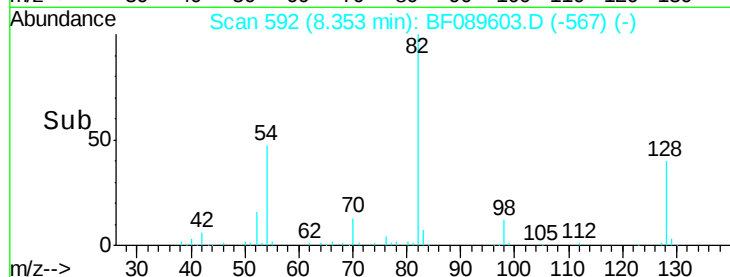
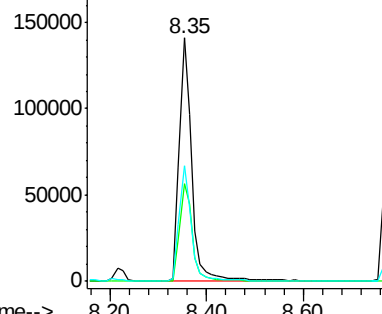
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 257414 |       |       |
| 128     | 40.2  |        | 35.4  | 53.0  |
| 54      | 47.4  |        | 36.4  | 54.6  |

Manual Integrations  
 APPROVED

sohil  
 8/5/2016 6:58:54 PM

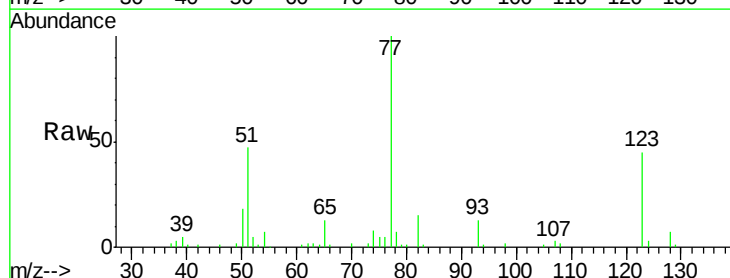


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

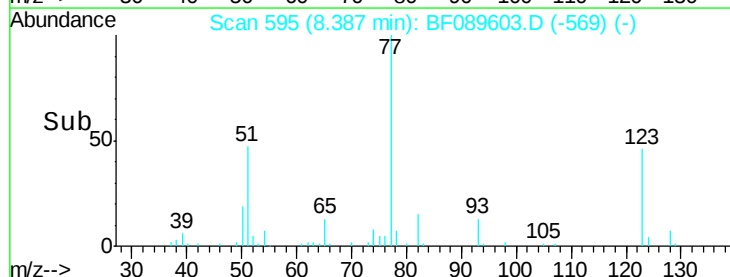
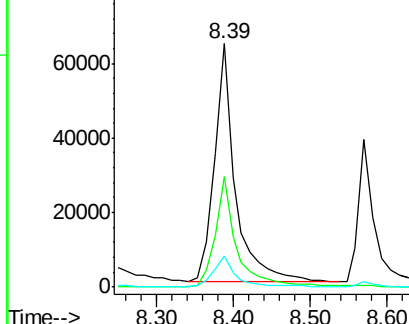


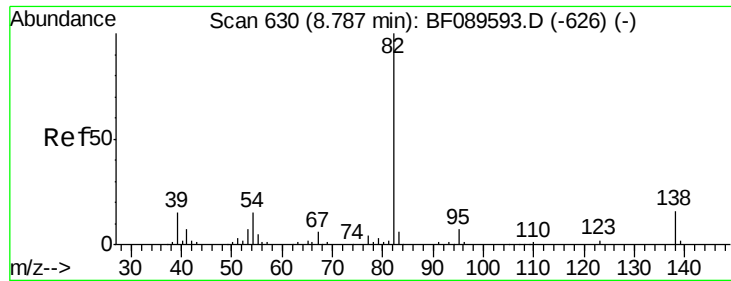
#24  
 Nitrobenzene  
 Concen: 36.26 ng  
 RT: 8.39 min Scan# 595  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 119535 |       |       |
| 123     | 45.5  |        | 32.6  | 49.0  |
| 65      | 13.0  |        | 11.0  | 16.6  |



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





#25

Isophorone

Concen: 37.75 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

ClientSampleId :

PB92673BS

Tot Ion: 82 Resp: 250857  
Ion Ratio Lower Upper

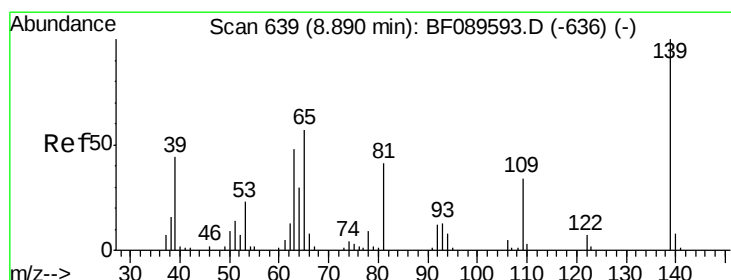
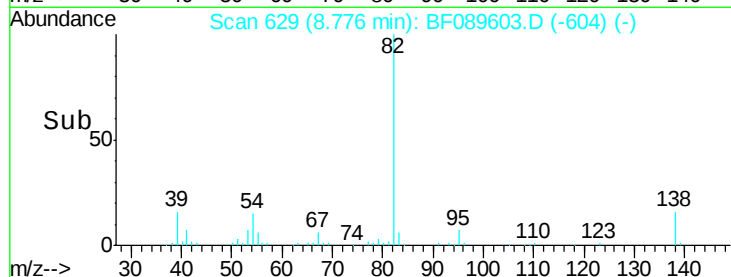
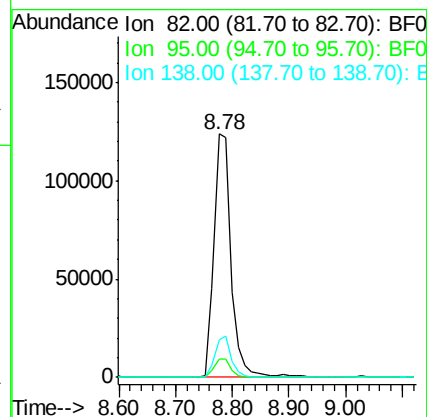
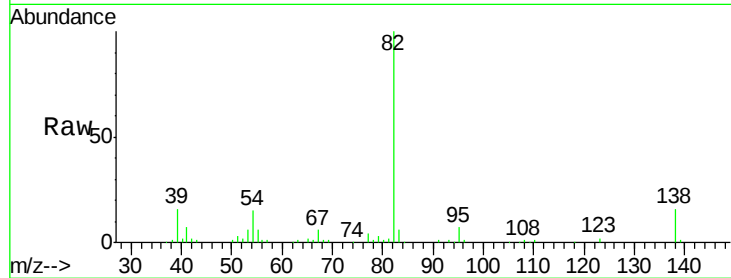
82 100

95 7.3 5.8 8.8

138 15.5 12.6 18.8

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#26

2-Nitrophenol

Concen: 36.77 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089603.D

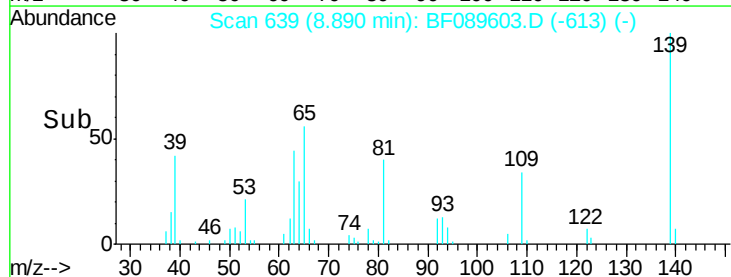
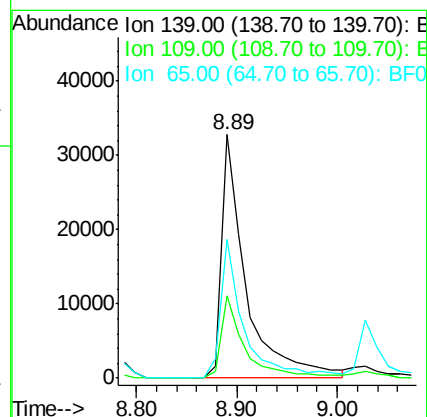
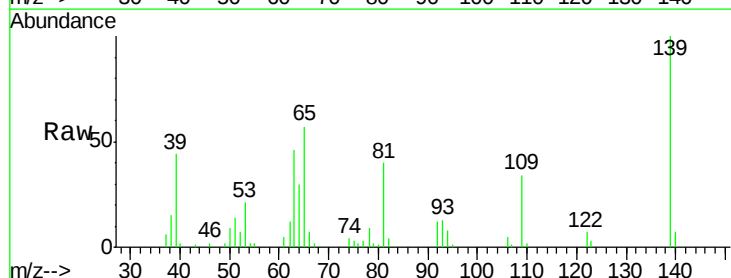
Acq: 4 Aug 2016 23:38

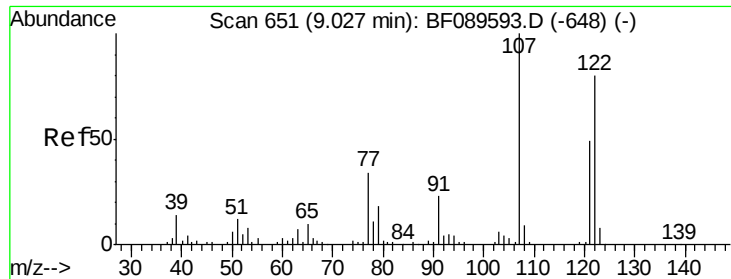
Tgt Ion: 139 Resp: 55634  
Ion Ratio Lower Upper

139 100

109 33.7 27.5 41.3

65 56.9 45.7 68.5





#27

2,4-Dimethylphenol

Concen: 39.64 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

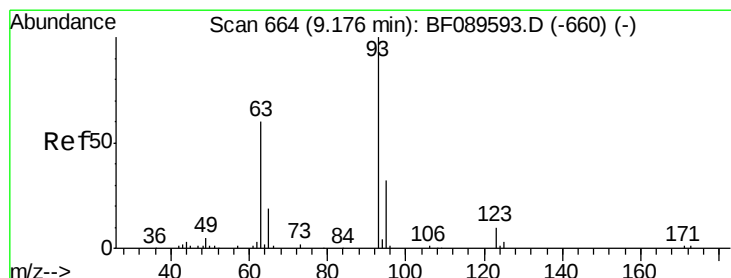
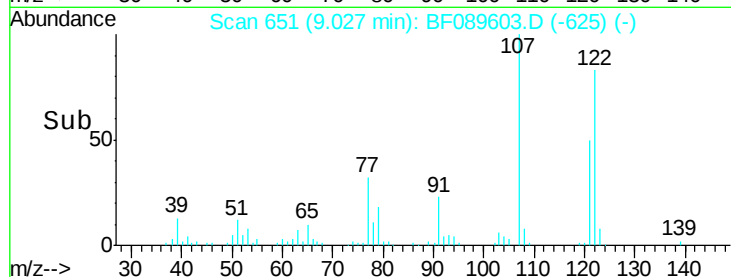
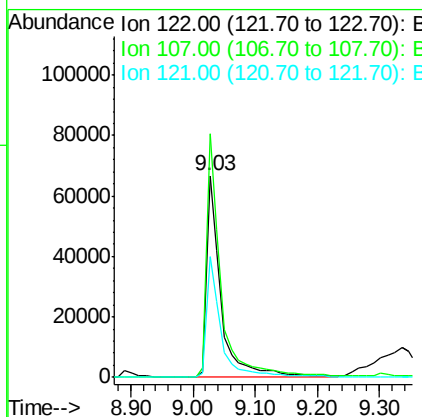
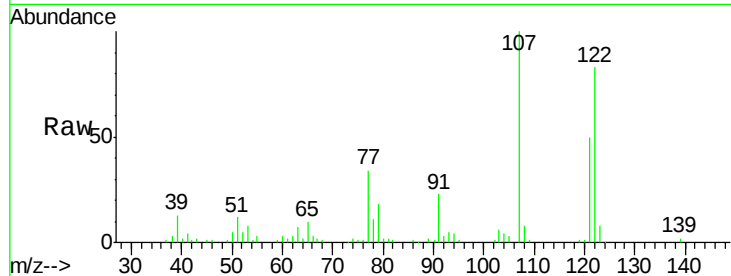
ClientSampled :

PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 107813 |       |       |
| 107     | 120.7 | 99.5   | 149.3 |       |
| 121     | 60.2  | 48.5   | 72.7  |       |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#28

bis(2-Chloroethoxy)methane

Concen: 37.12 ng

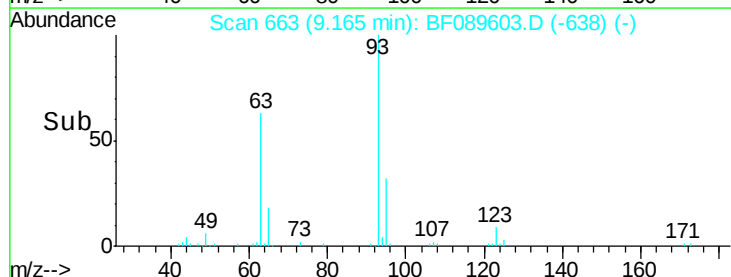
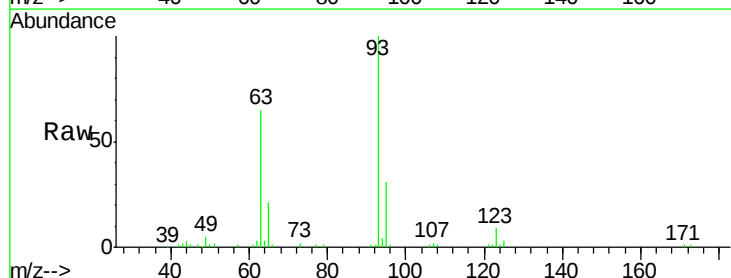
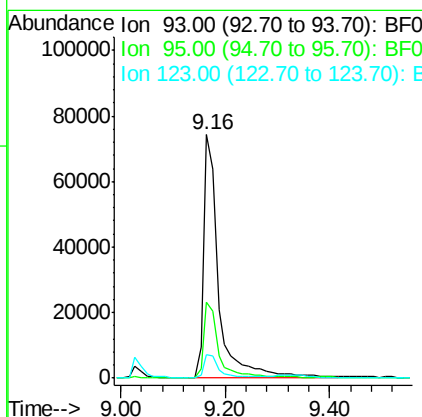
RT: 9.16 min Scan# 663

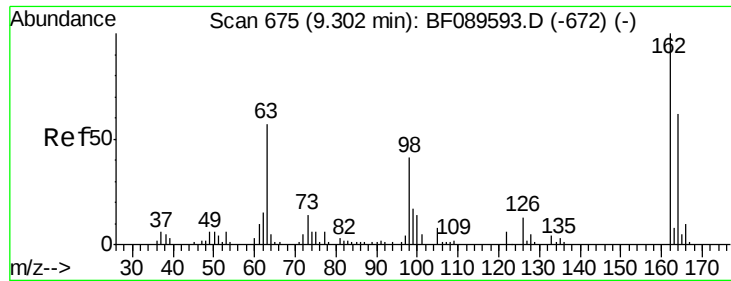
Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 149259 |       |       |
| 95      | 31.4  | 25.8   | 38.8  |       |
| 123     | 9.4   | 8.0    | 12.0  |       |





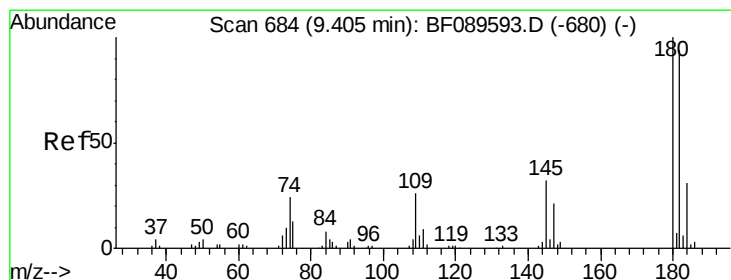
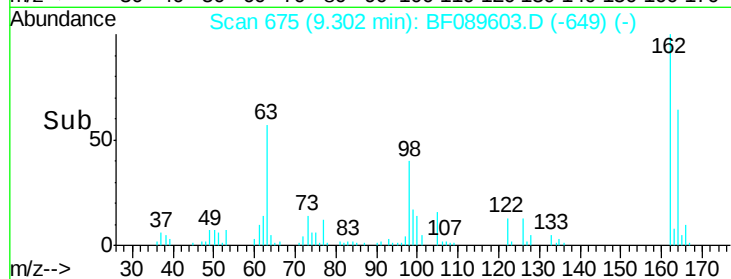
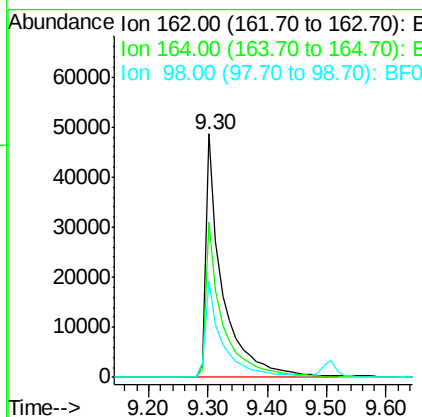
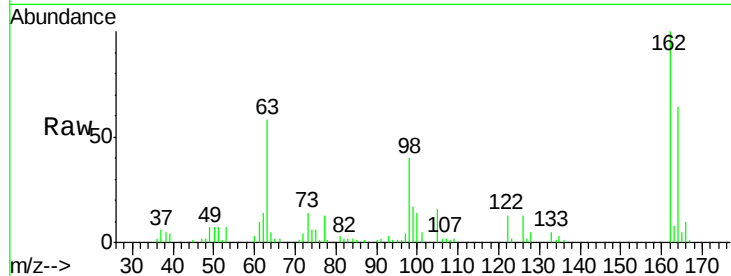
#29  
 2,4-Dichlorophenol  
 Concen: 37.12 ng  
 RT: 9.30 min Scan# 675  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 95548 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 63.8  | 42.3  | 82.3  |
| 98        | 39.7  | 21.2  | 61.2  |

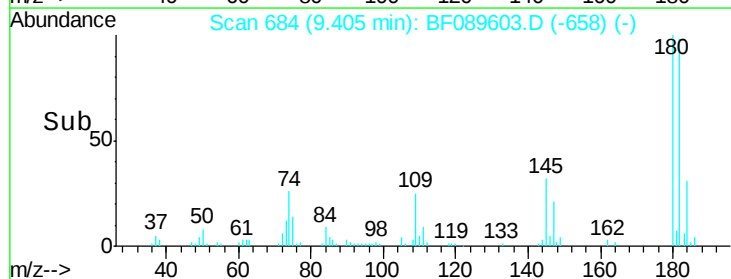
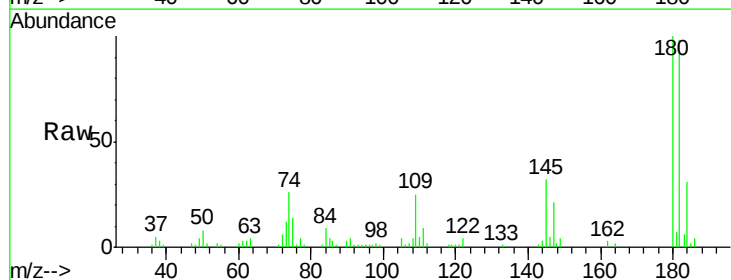
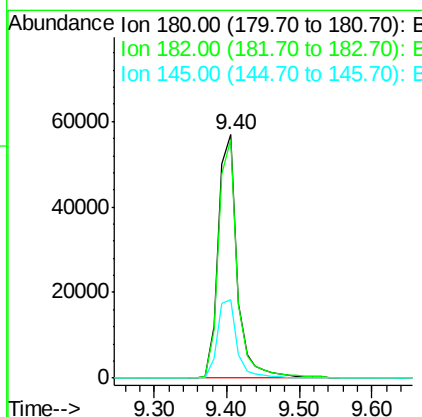
Manual Integrations  
 APPROVED

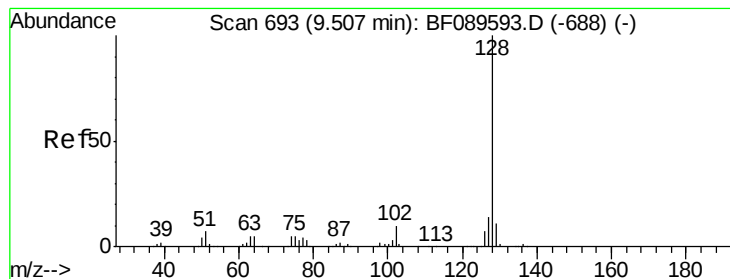
sohil  
 8/5/2016 6:58:54 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.33 ng  
 RT: 9.40 min Scan# 684  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 103844 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 97.9  | 75.0  | 112.6  |
| 145       | 32.5  | 25.6  | 38.4   |





#31

Naphthalene

Concen: 35.85 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

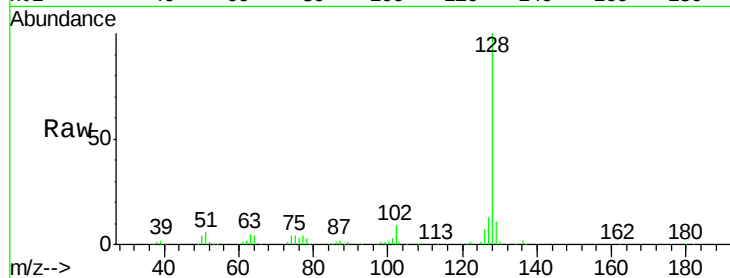
ClientSampleId :

PB92673BS

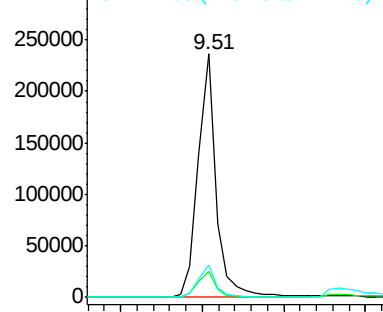
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 365782 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.9  | 8.7   | 13.1   |
| 127       | 13.2  | 10.9  | 16.3   |

Manual Integrations  
APPROVED

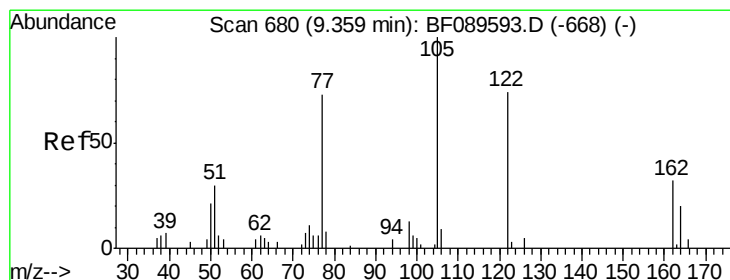
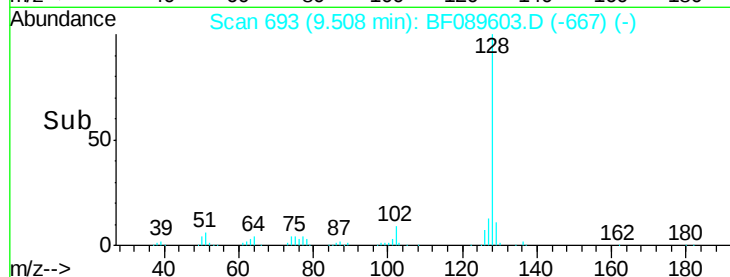
sohil  
8/5/2016 6:58:54 PM



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 26.88 ng

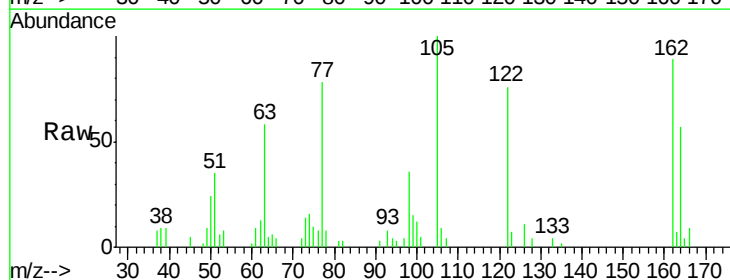
RT: 9.34 min Scan# 678

Delta R.T. -0.02 min

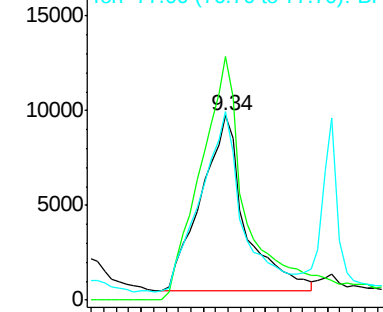
Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

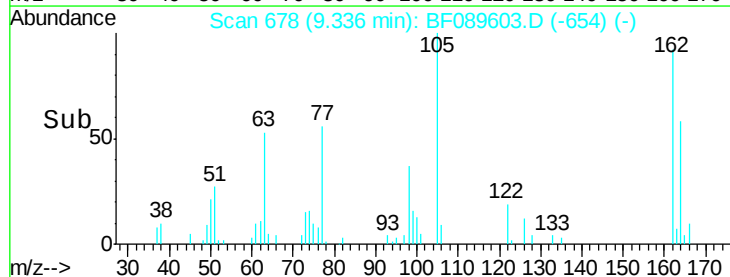
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 45930 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 131.9 | 109.9 | 149.9 |
| 77        | 102.4 | 77.5  | 117.5 |

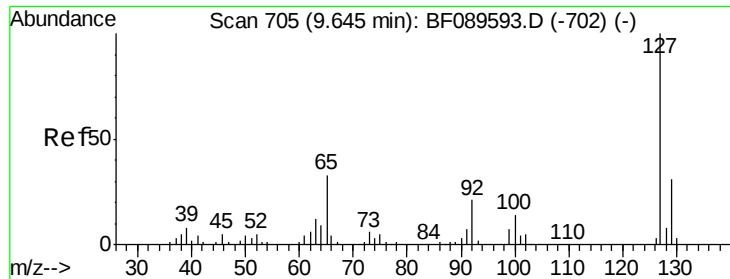


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BF0



Time-->





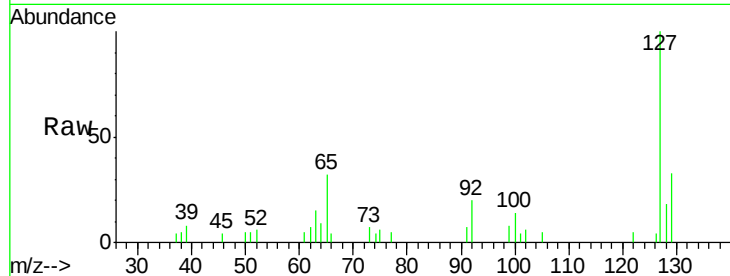
#33  
4-Chloroaniline  
Concen: 11.12 ng  
RT: 9.67 min Scan# 707  
Delta R.T. 0.02 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

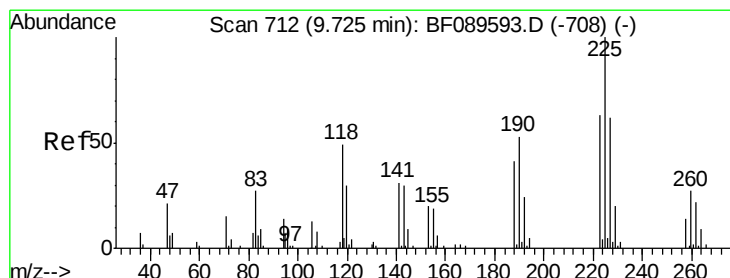
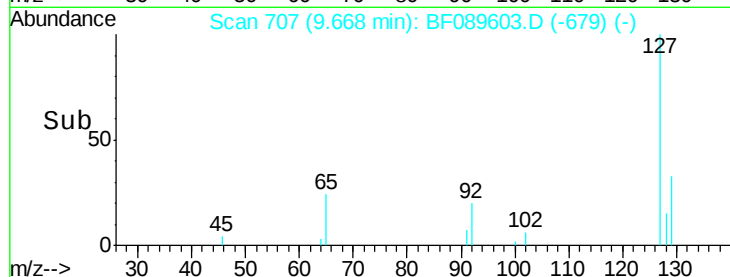
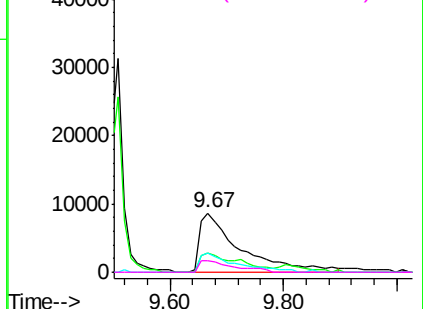
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 42610 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.9  | 25.1  | 37.7  |
| 65        | 32.3  | 26.2  | 39.2  |
| 92        | 20.5  | 16.9  | 25.3  |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



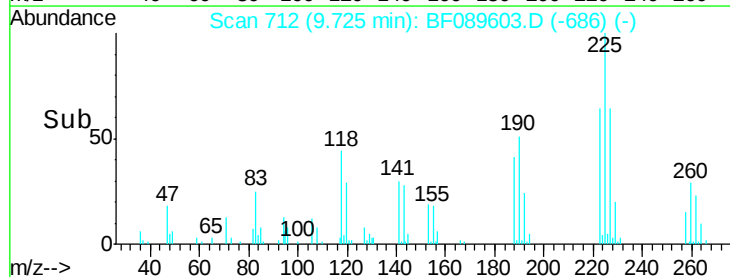
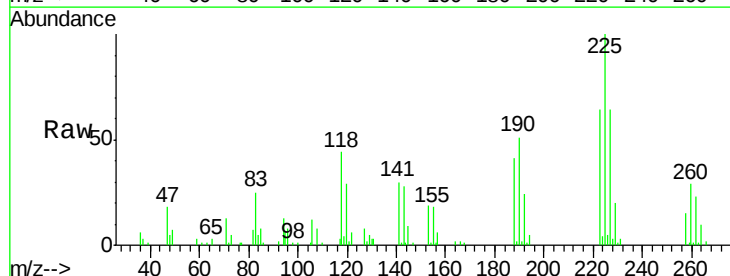
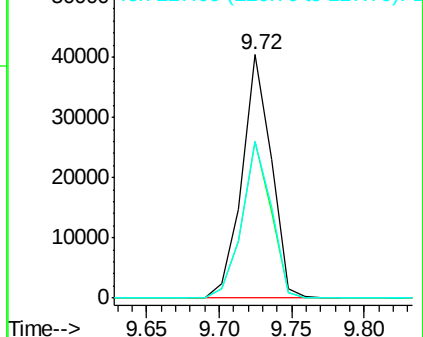
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

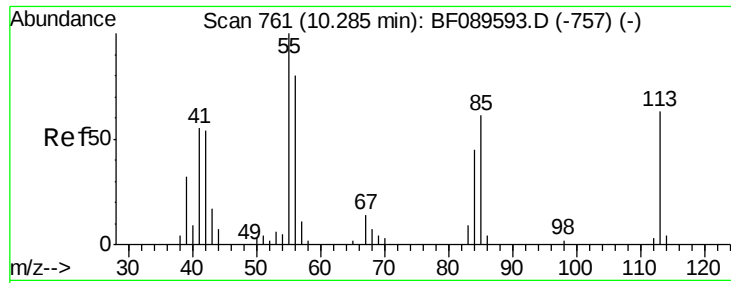


#34  
Hexachlorobutadiene  
Concen: 33.46 ng  
RT: 9.72 min Scan# 712  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 56637 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.1  | 50.7  | 76.1  |
| 227       | 64.4  | 49.4  | 74.0  |

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





#35

Caprolactam

Concen: 39.96 ng/mL

RT: 10.26 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

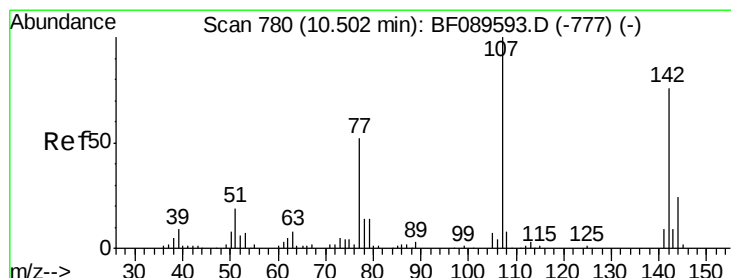
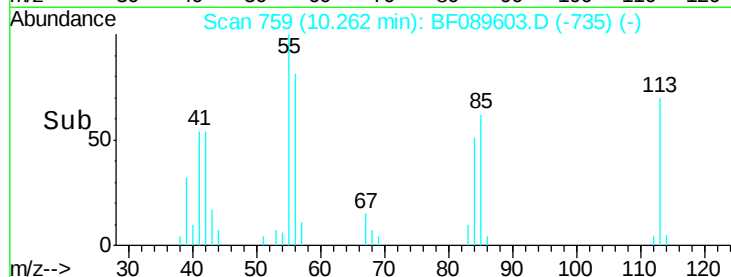
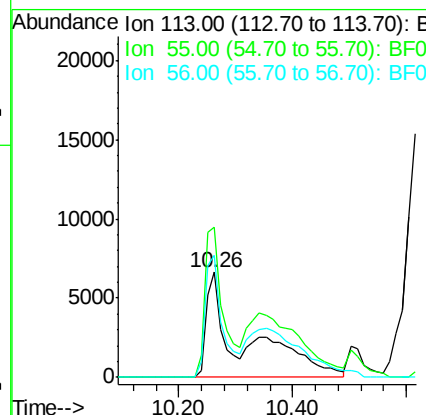
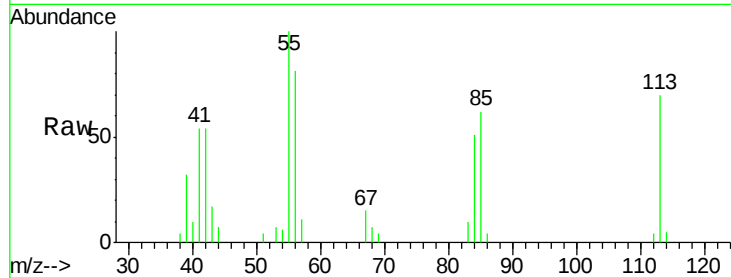
ClientSampleID :

PB92673BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 29972 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 142.6 | 139.6 | 179.6 |
| 56       | 115.8 | 108.2 | 148.2 |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#36

4-Chloro-3-methylphenol

Concen: 38.02 ng/mL

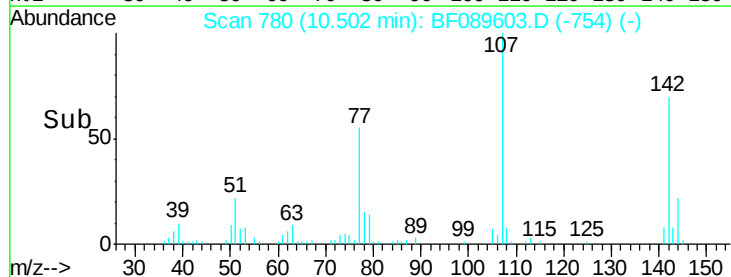
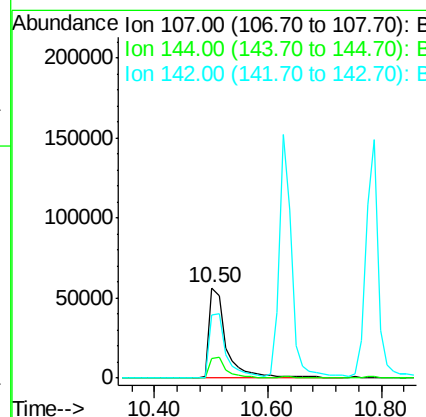
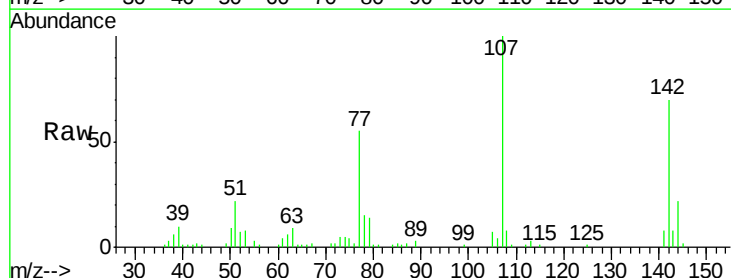
RT: 10.50 min Scan# 780

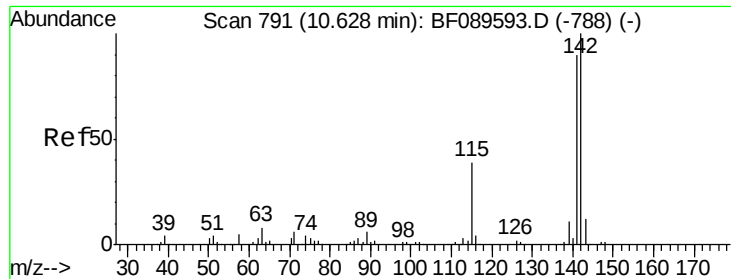
Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 113746 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 22.0  | 18.9  | 28.3   |
| 142      | 69.6  | 60.4  | 90.6   |





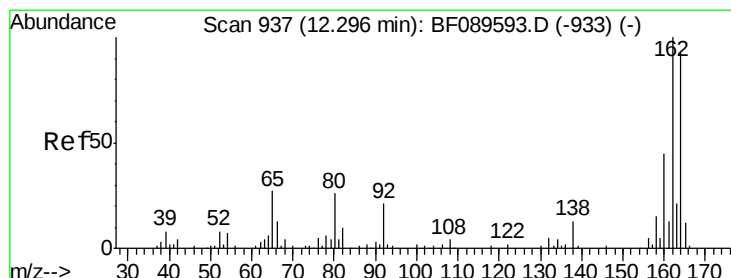
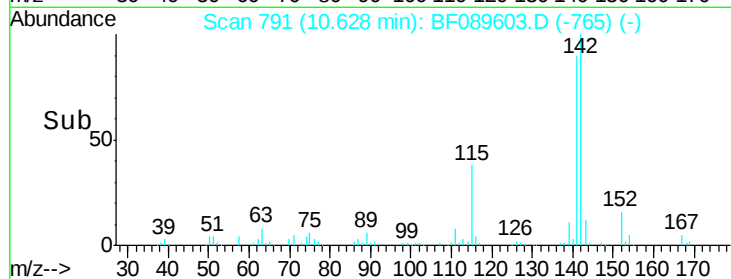
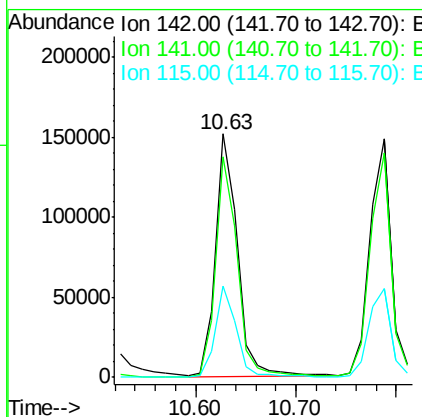
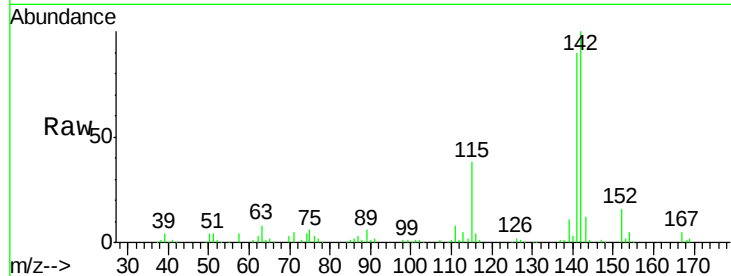
#37  
2-Methylnaphthalene  
Concen: 36.65 ng  
RT: 10.63 min Scan# 791  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.4  | 71.8  | 107.6 |
| 115     | 37.6  | 31.0  | 46.4  |

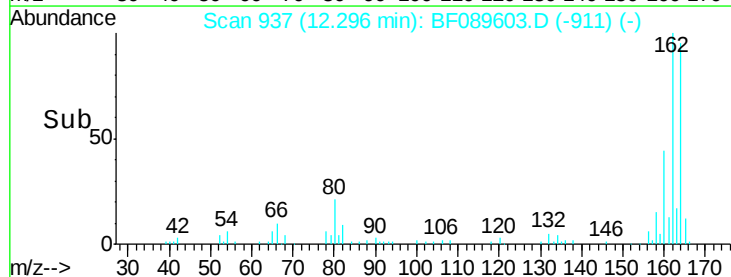
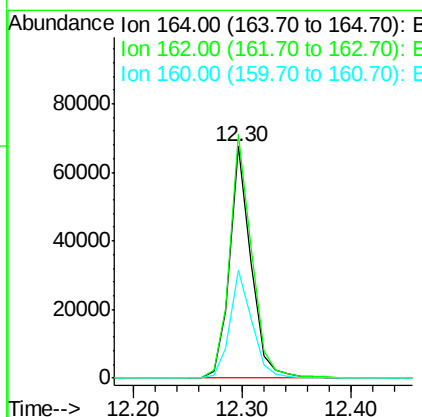
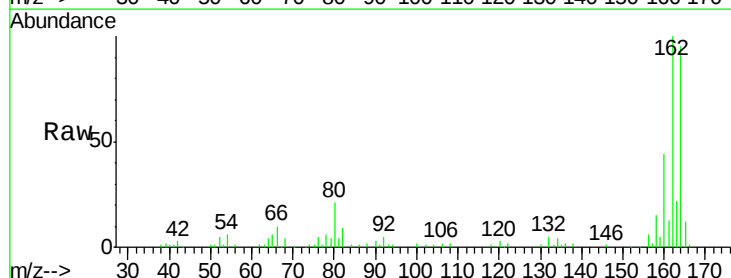
Manual Integrations  
APPROVED

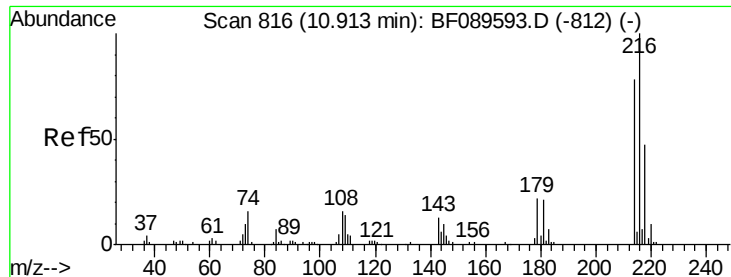
sohil  
8/5/2016 6:58:54 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 12.30 min Scan# 937  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.1 | 85.7  | 128.5 |
| 160     | 46.3  | 38.2  | 57.4  |





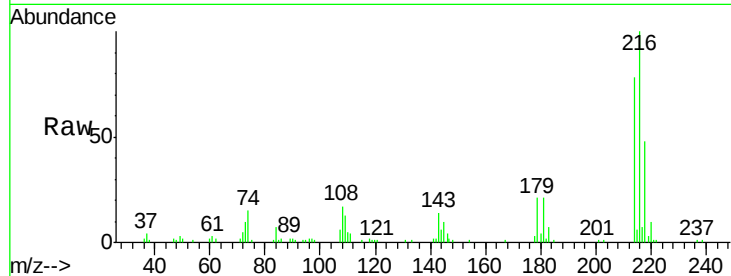
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 26.74 ng  
RT: 10.91 min Scan# 816  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

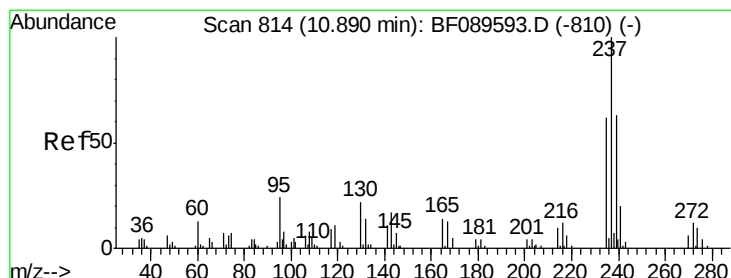
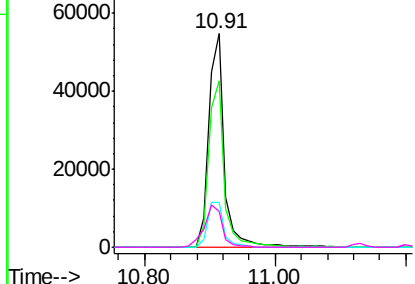
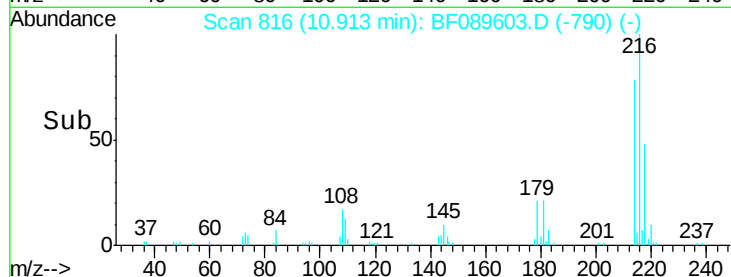
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 216     | 100  |       | 91929 |       |       |
| 214     | 77.4 | 62.6  | 94.0  |       |       |
| 179     | 22.1 | 17.8  | 26.8  |       |       |
| 108     | 22.7 | 16.3  | 24.5  |       |       |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM

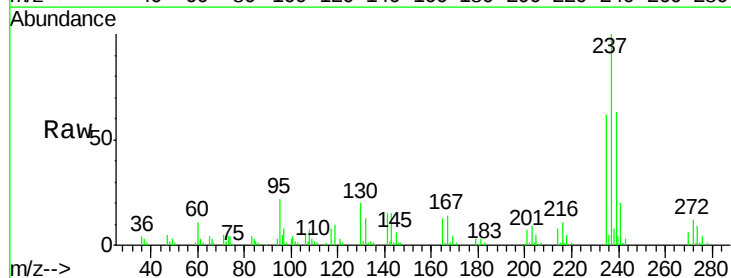


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

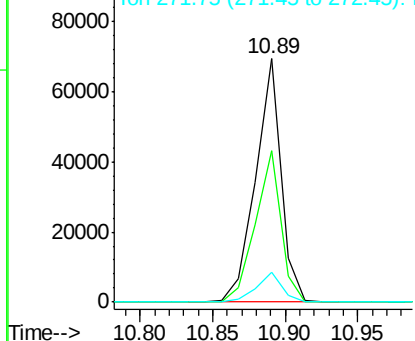
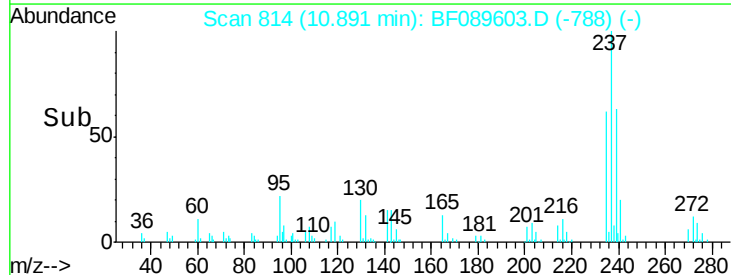


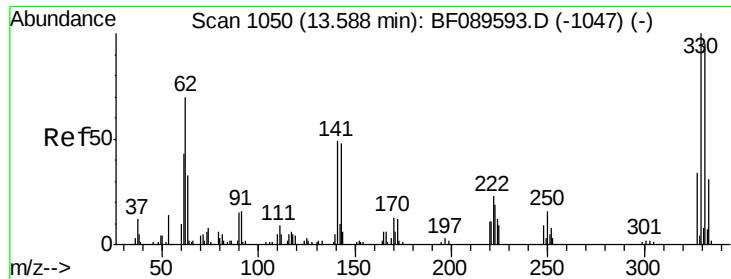
#40  
Hexachlorocyclopentadiene  
Concen: 72.43 ng  
RT: 10.89 min Scan# 814  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 85043 |       |       |
| 235     | 62.4 | 41.9  | 81.9  |       |       |
| 272     | 12.1 | 0.0   | 32.4  |       |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E





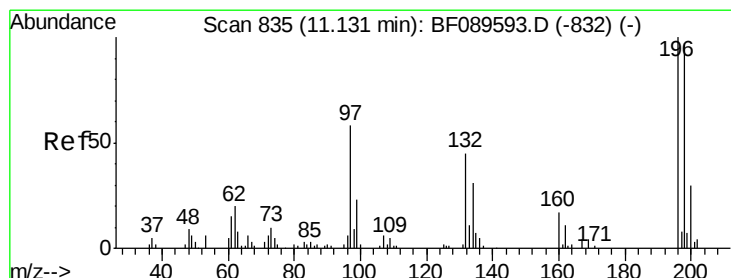
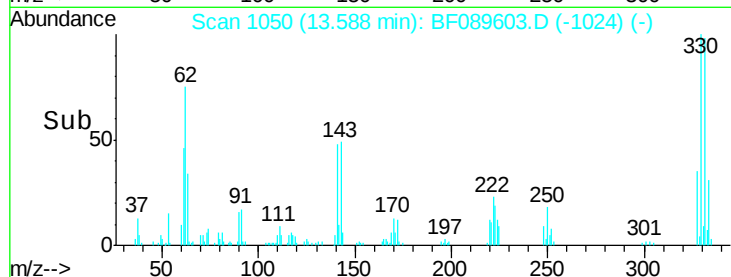
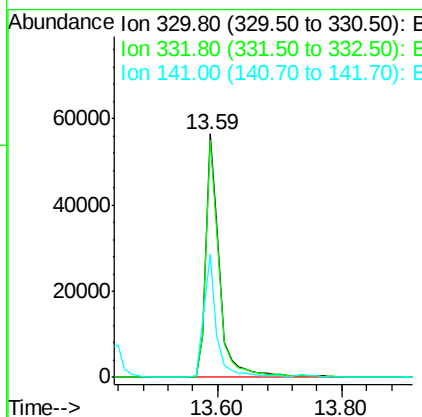
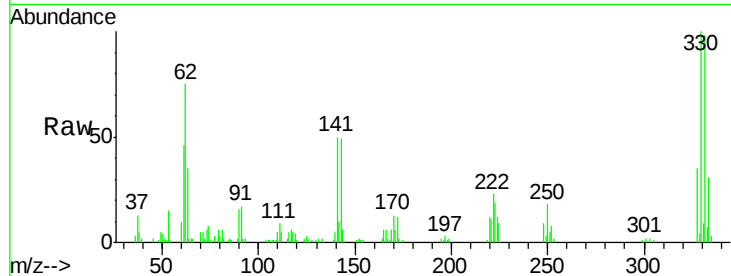
#41  
 2,4,6-Tribromophenol  
 Concen: 113.95 ng  
 RT: 13.59 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.9  | 77.0  | 115.6 |
| 141     | 47.7  | 38.6  | 57.8  |

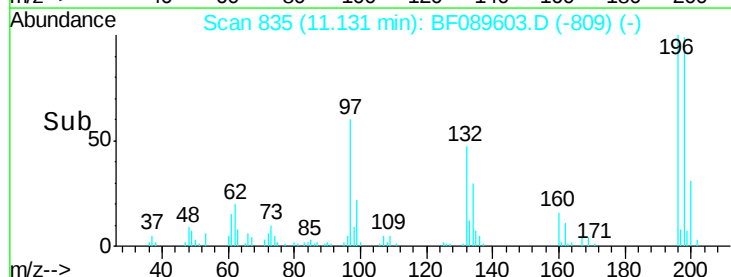
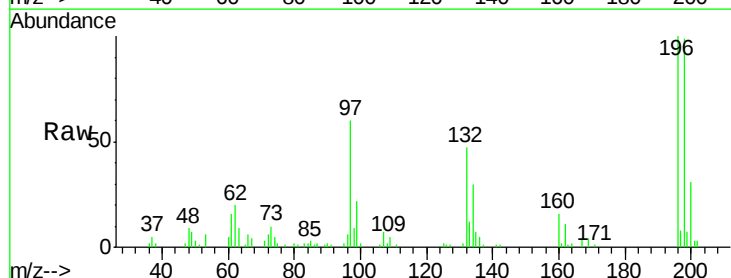
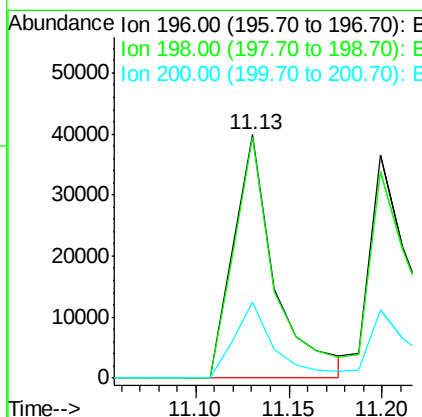
Manual Integrations  
 APPROVED

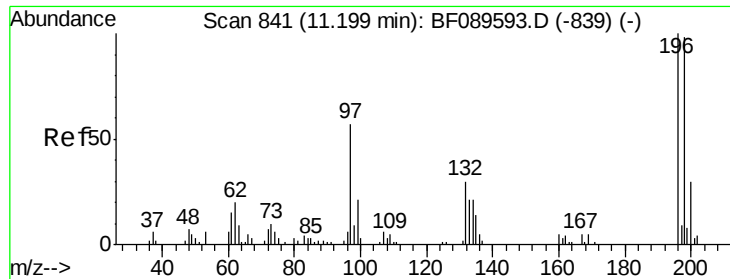
sohil  
 8/5/2016 6:58:54 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 36.27 ng  
 RT: 11.13 min Scan# 835  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 99.0  | 77.6  | 116.4 |
| 200     | 30.9  | 23.8  | 35.8  |





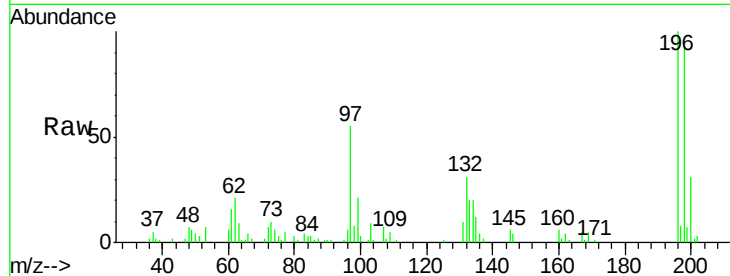
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.65 ng  
 RT: 11.20 min Scan# 841  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

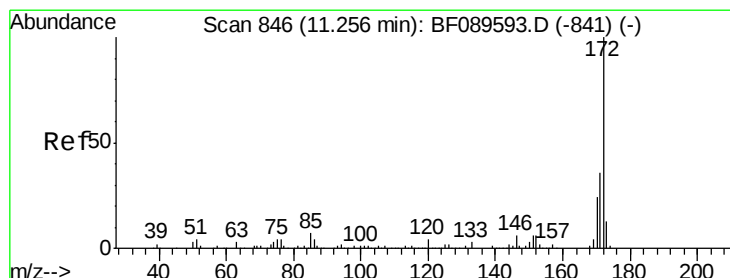
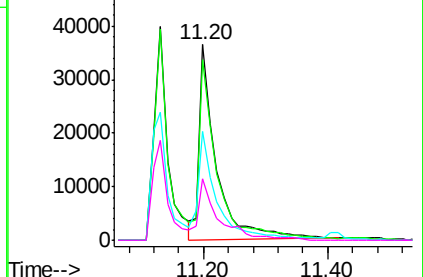
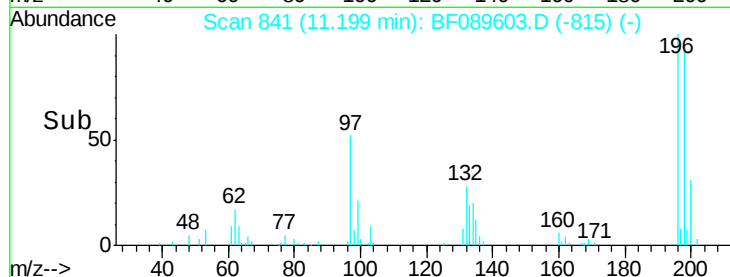
| Tot Ion | 196   | Resp  | 70052 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 196     | 100   |       |       |
| 198     | 92.5  | 77.8  | 116.6 |
| 97      | 55.4  | 45.8  | 68.6  |
| 132     | 31.3  | 25.1  | 37.7  |

Manual Integrations  
 APPROVED

sohil  
 8/5/2016 6:58:54 PM

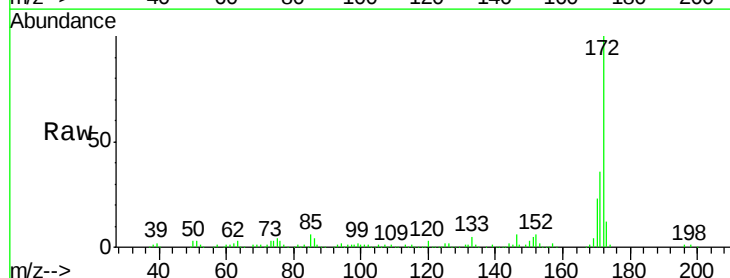


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

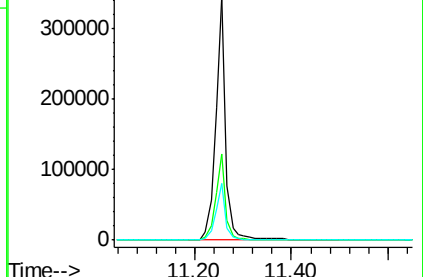
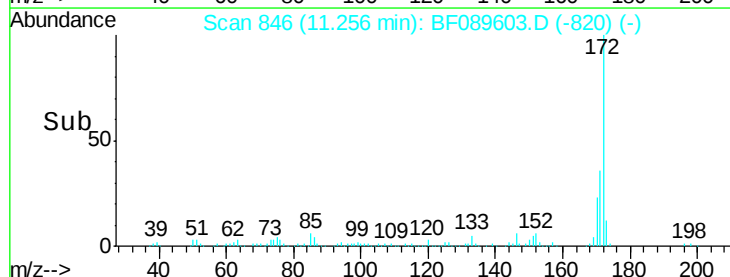


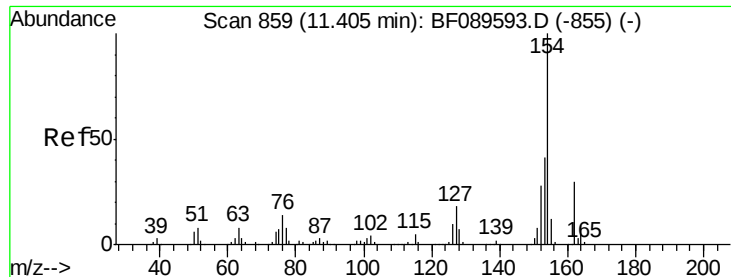
#44  
 2-Fluorobiphenyl  
 Concen: 71.45 ng  
 RT: 11.26 min Scan# 846  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | 172   | Resp  | 502927 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 172     | 100   |       |        |
| 171     | 35.5  | 28.9  | 43.3   |
| 170     | 23.4  | 19.0  | 28.6   |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





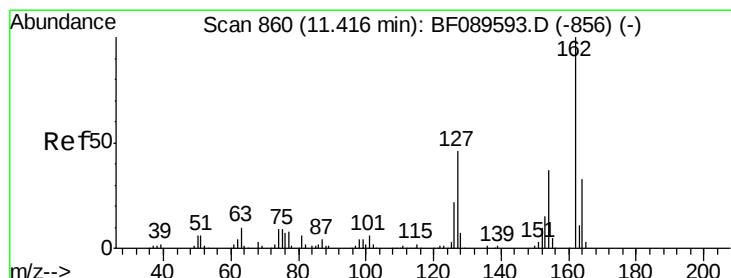
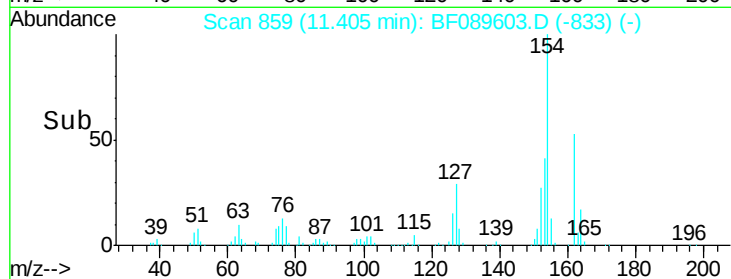
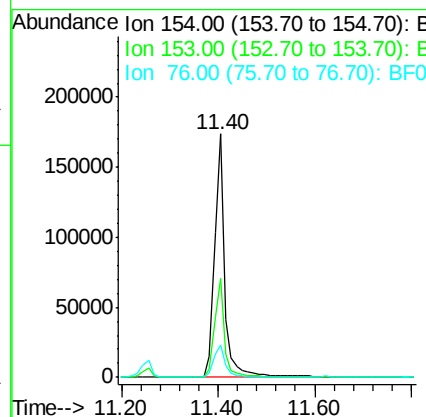
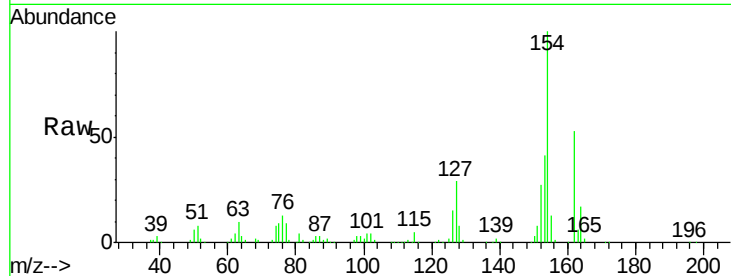
#45  
 1,1'-Biphenyl  
 Concen: 31.81 ng  
 RT: 11.40 min Scan# 859  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 262418 |       |       |
| 153     | 40.7  | 20.6   | 60.6  |       |
| 76      | 13.3  | 0.0    | 33.7  |       |

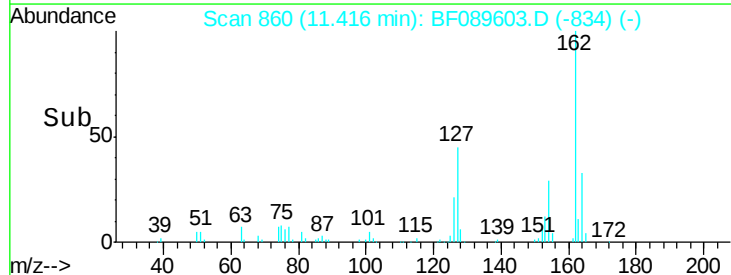
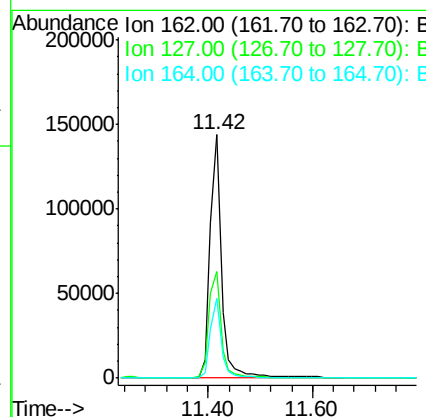
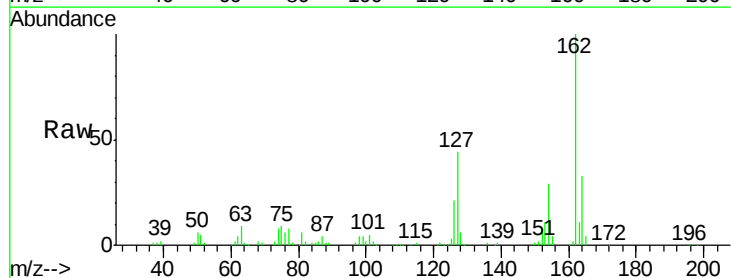
Manual Integrations  
 APPROVED

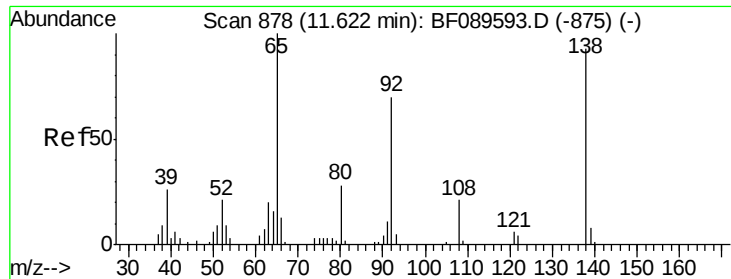
sohil  
 8/5/2016 6:58:54 PM



#46  
 2-Chloronaphthalene  
 Concen: 35.90 ng  
 RT: 11.42 min Scan# 860  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 222038 |       |       |
| 127     | 43.9  | 36.6   | 54.8  |       |
| 164     | 32.7  | 26.8   | 40.2  |       |





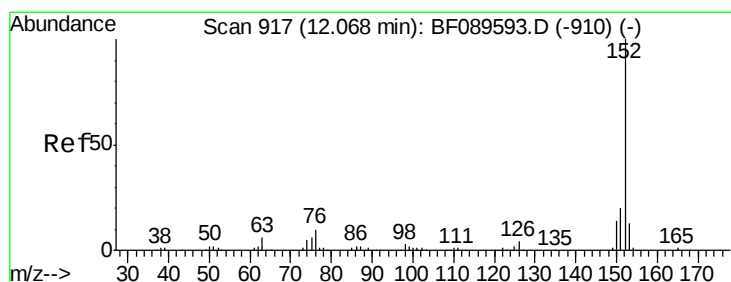
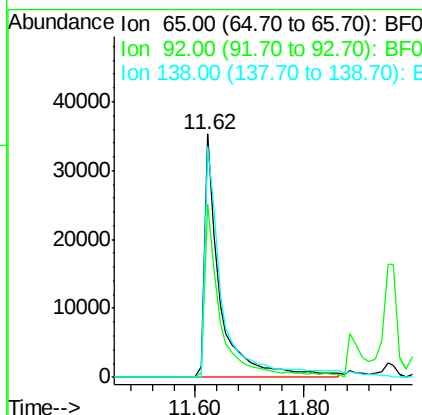
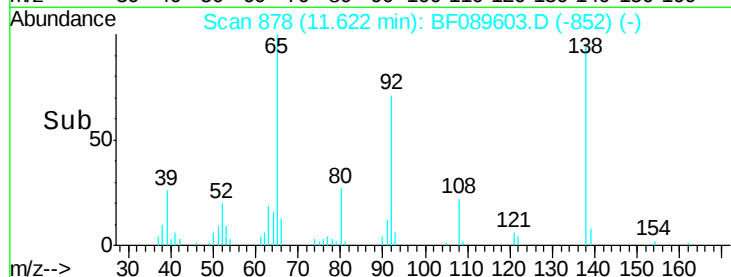
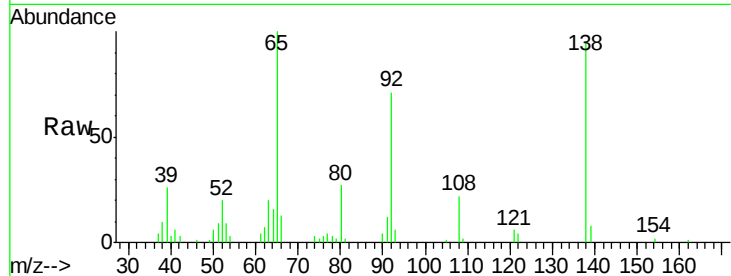
#47  
2-Nitroaniline  
Concen: 34.86 ng  
RT: 11.62 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.3  | 56.3  | 84.5  |
| 138     | 95.0  | 74.3  | 111.5 |

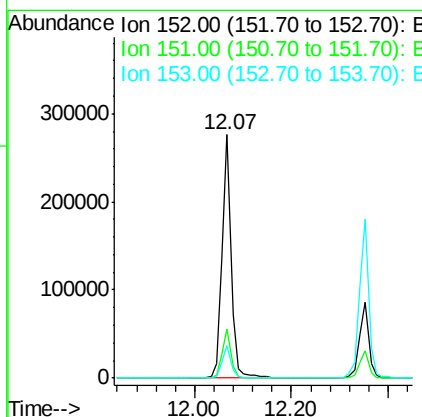
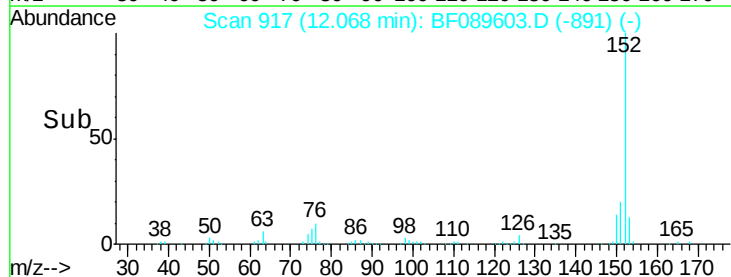
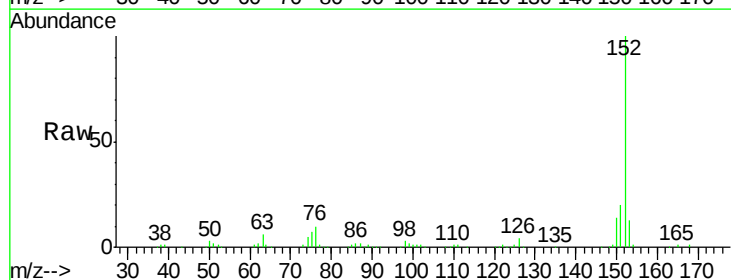
Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#48  
Acenaphthylene  
Concen: 35.94 ng  
RT: 12.07 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 16.2  | 24.4  |
| 153     | 13.1  | 10.5  | 15.7  |





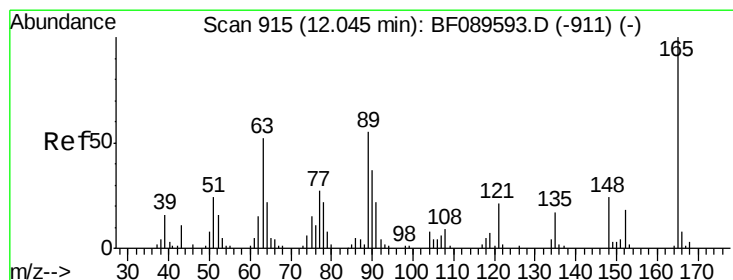
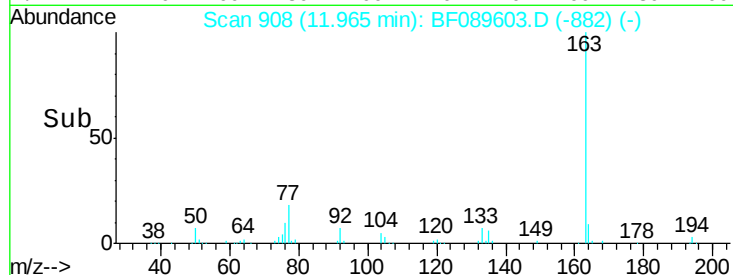
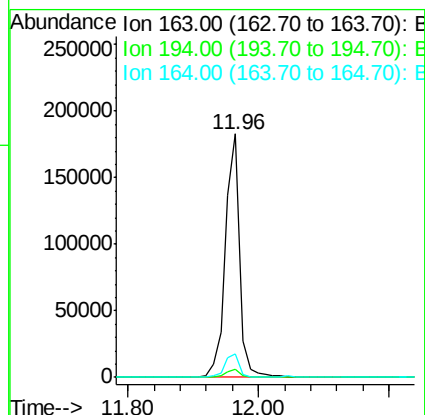
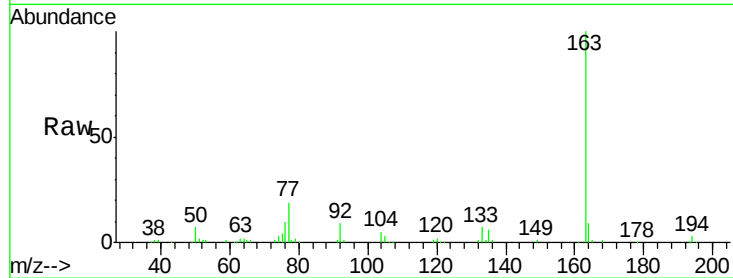
#49  
Dimethylphthalate  
Concen: 39.18 ng  
RT: 11.96 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 280967 |       |       |
| 194     | 3.4   |        | 2.7   | 4.1   |
| 164     | 9.5   |        | 7.8   | 11.6  |

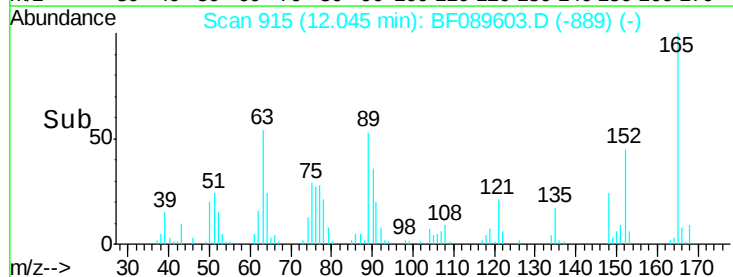
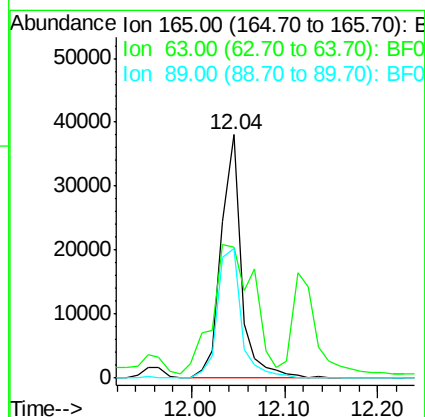
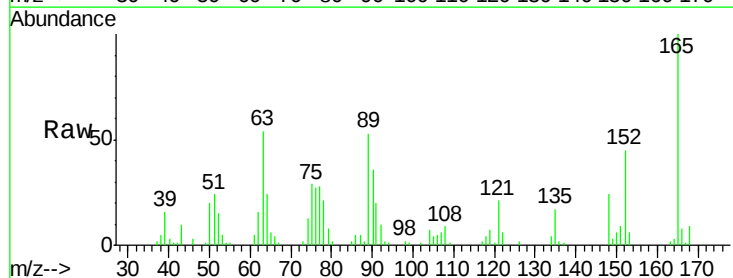
Manual Integrations  
APPROVED

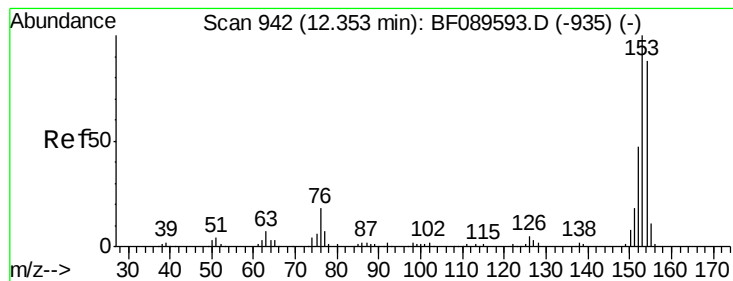
sohil  
8/5/2016 6:58:54 PM



#50  
2,6-Dinitrotoluene  
Concen: 40.25 ng  
RT: 12.04 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 57380 |       |       |
| 63      | 53.8  |       | 44.6  | 67.0  |
| 89      | 53.1  |       | 44.2  | 66.2  |





#51

Acenaphthene

Concen: 36.05 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

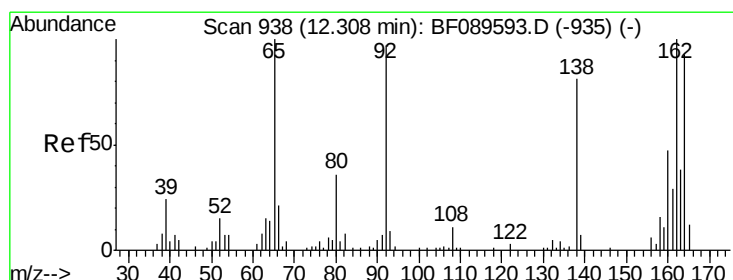
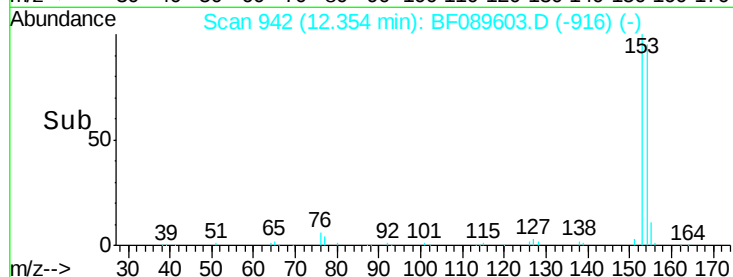
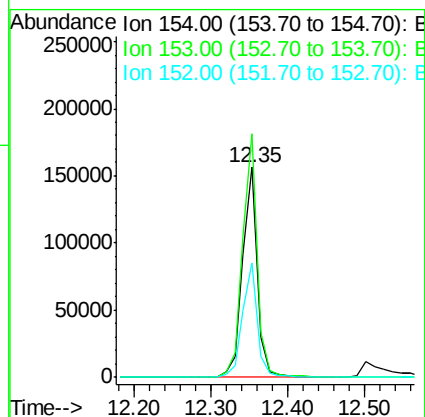
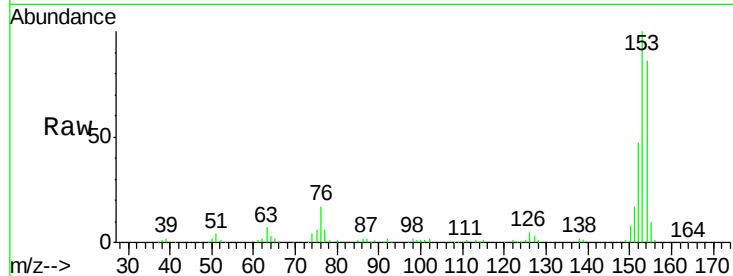
ClientSampleId :

PB92673BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 212191 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.9 | 91.1  | 136.7  |
| 152       | 54.6  | 43.5  | 65.3   |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#52

3-Nitroaniline

Concen: 18.60 ng

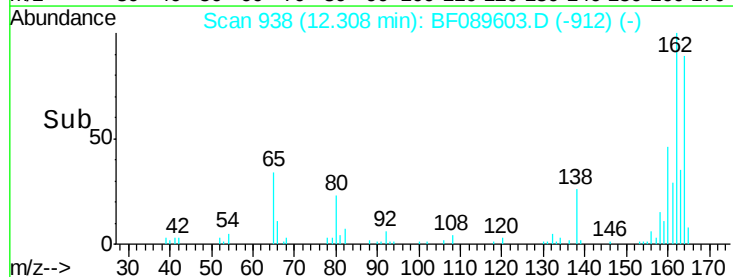
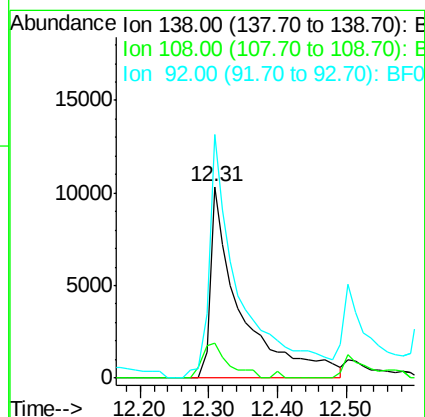
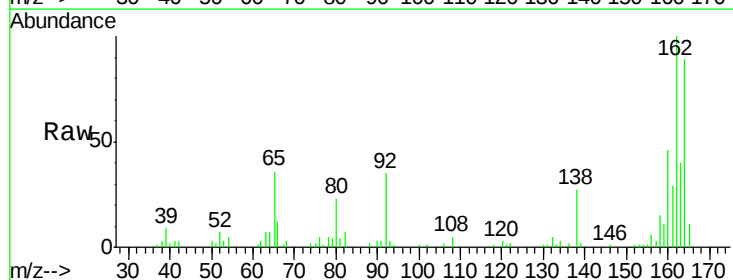
RT: 12.31 min Scan# 938

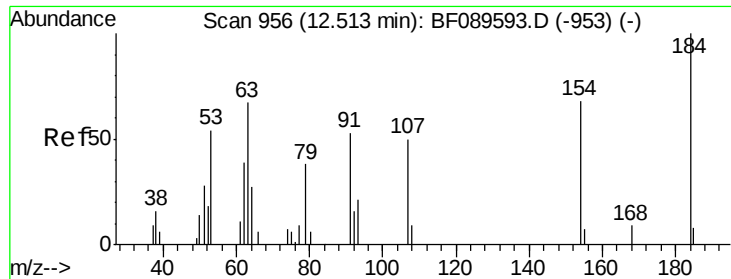
Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 31724 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 18.0  | 10.7  | 16.1# |
| 92        | 127.4 | 96.6  | 145.0 |





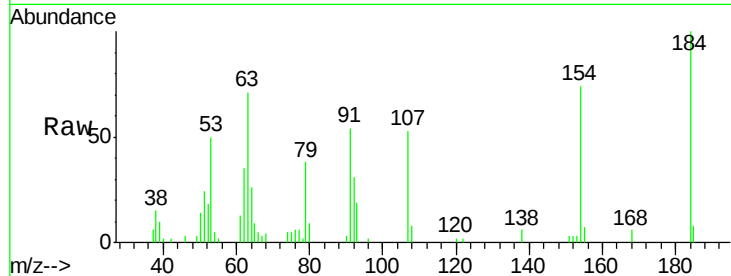
#53  
2,4-Dinitrophenol  
Concen: 70.49 ng  
RT: 12.50 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

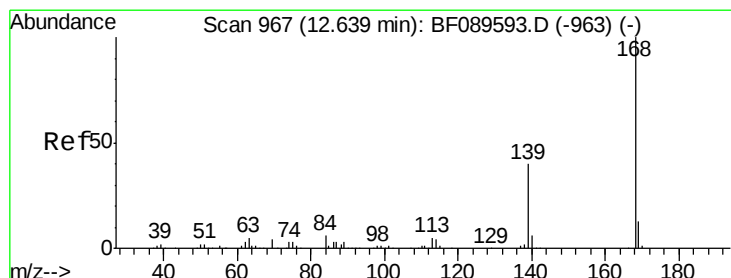
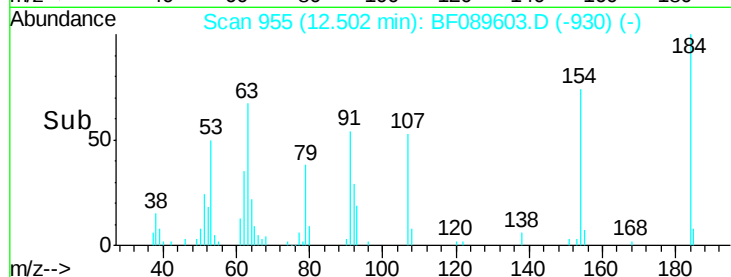
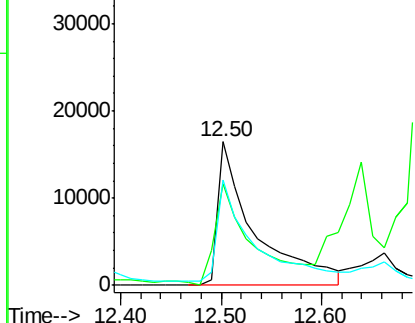
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 71.1  | 59.0  | 88.6  |
| 154     | 73.9  | 60.0  | 90.0  |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



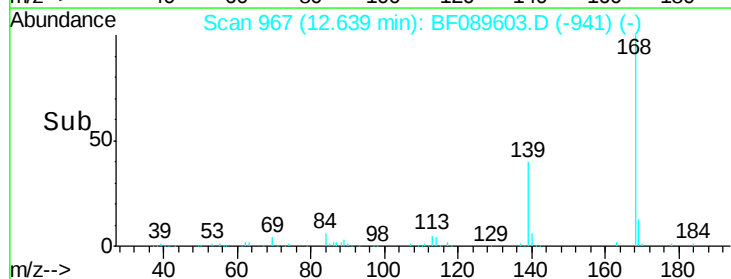
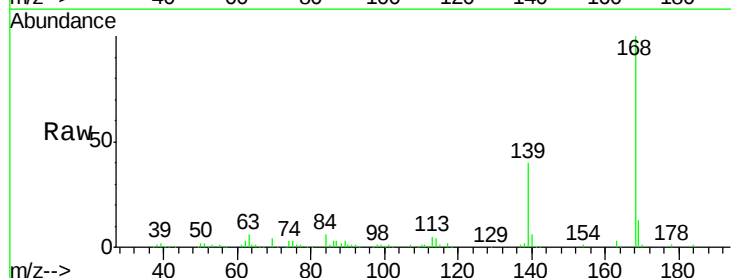
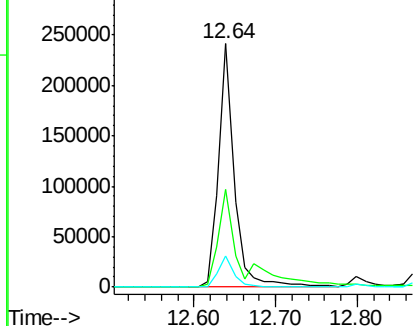
Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

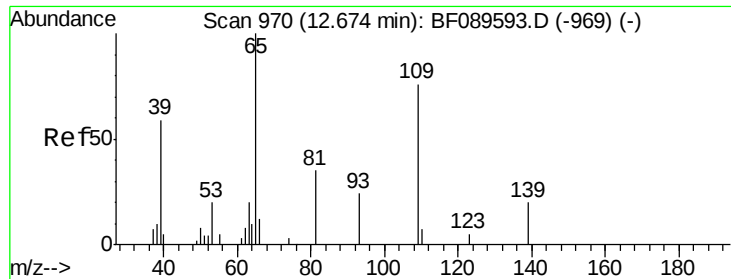


#54  
Dibenzofuran  
Concen: 40.58 ng  
RT: 12.64 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.1  | 32.3  | 48.5  |
| 169     | 12.9  | 10.6  | 15.8  |

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





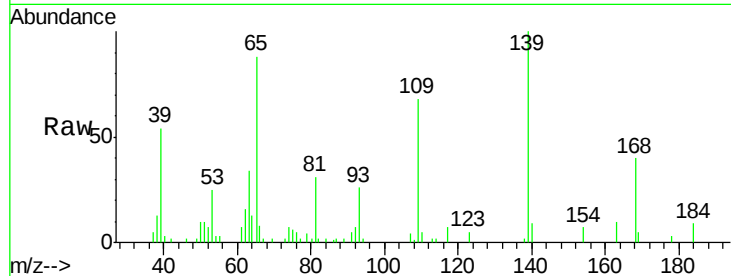
#55  
4-Nitrophenol  
Concen: 68.02 ng/ml  
RT: 12.67 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 63256 |       |       |
| 109     | 67.6  | 28.9  | 68.9  |       |
| 65      | 87.8  | 49.2  | 89.2  |       |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM

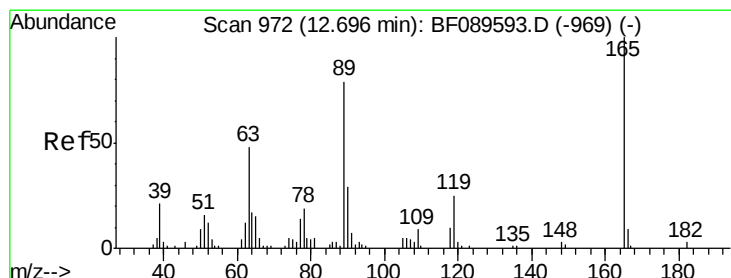
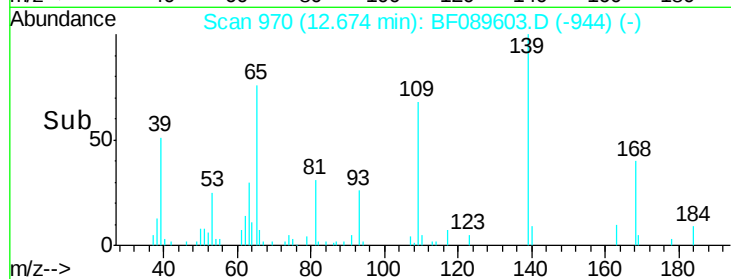
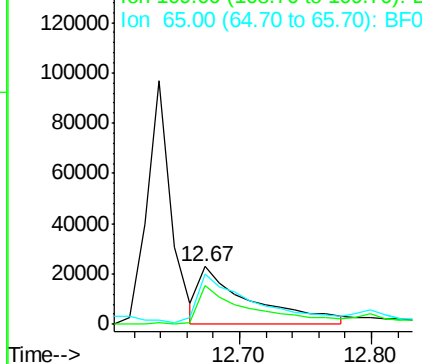


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56  
2,4-Dinitrotoluene  
Concen: 39.55 ng  
RT: 12.70 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 79311 |       |       |
| 63      | 55.4  | 42.2  | 63.4  |       |
| 89      | 80.9  | 64.4  | 96.6  |       |
| 182     | 2.6   | 2.1   | 3.1   |       |

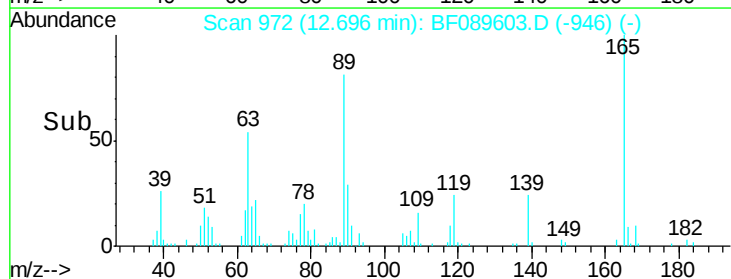
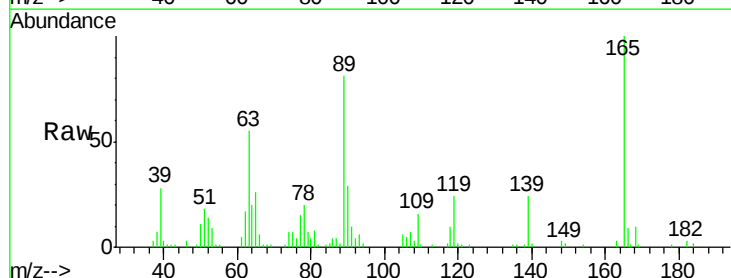
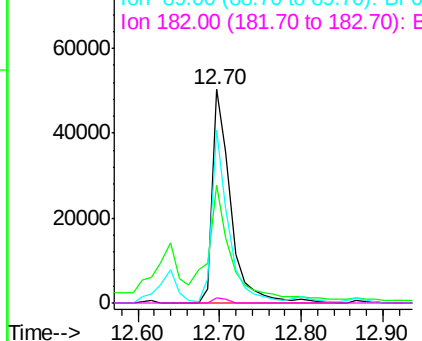
Abundance

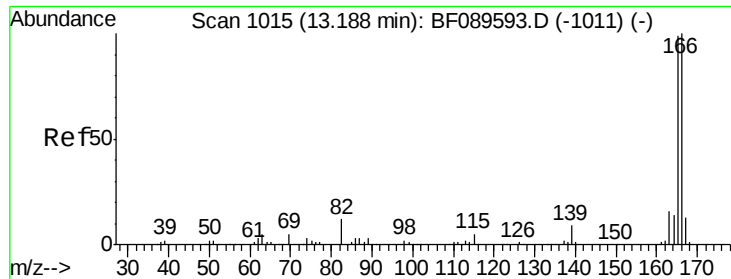
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





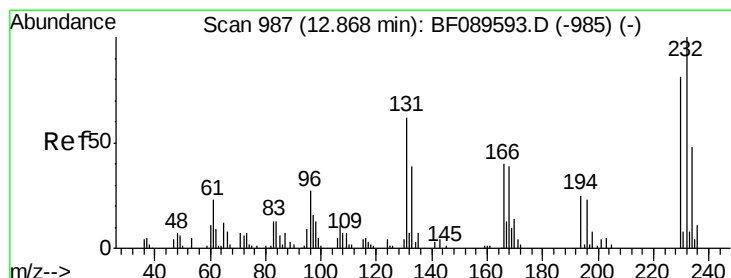
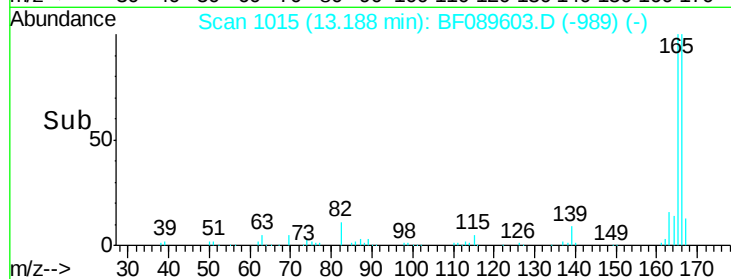
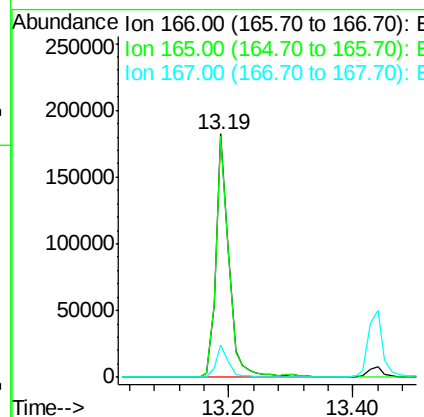
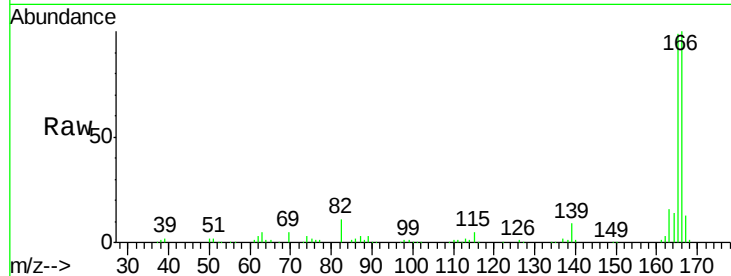
#57  
**Fluorene**  
 Concen: 38.18 ng  
 RT: 13.19 min Scan# 1015  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 166     | 100  |       | 264074 |       |       |
| 165     | 98.8 | 78.9  | 118.3  |       |       |
| 167     | 13.5 | 10.4  | 15.6   |       |       |

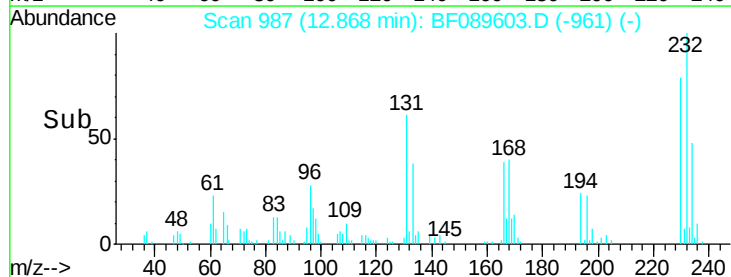
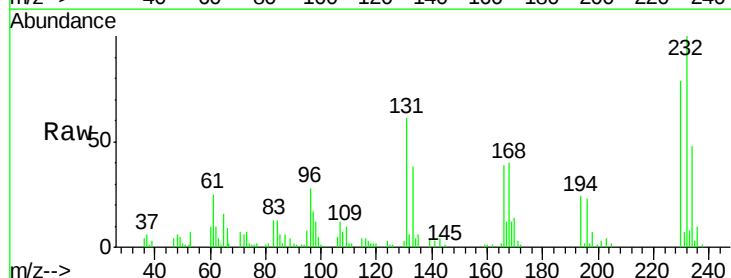
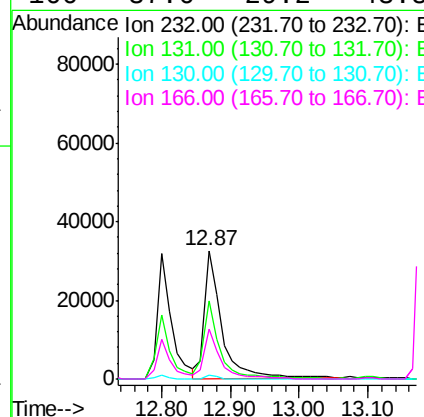
Manual Integrations  
 APPROVED

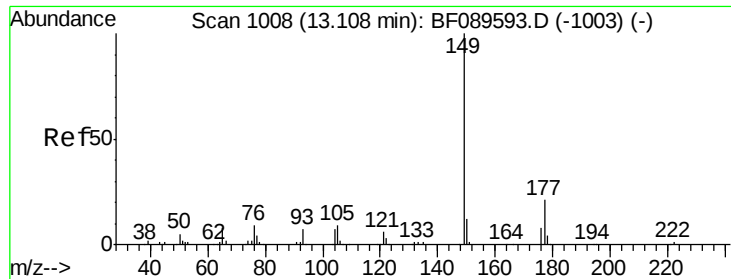
sohil  
 8/5/2016 6:58:54 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 40.62 ng  
 RT: 12.87 min Scan# 987  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 232     | 100  |       | 55891 |       |       |
| 131     | 59.5 | 46.2  | 69.2  |       |       |
| 130     | 2.0  | 1.7   | 2.5   |       |       |
| 166     | 37.6 | 29.2  | 43.8  |       |       |





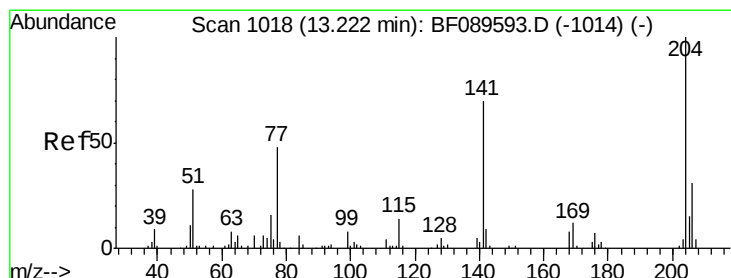
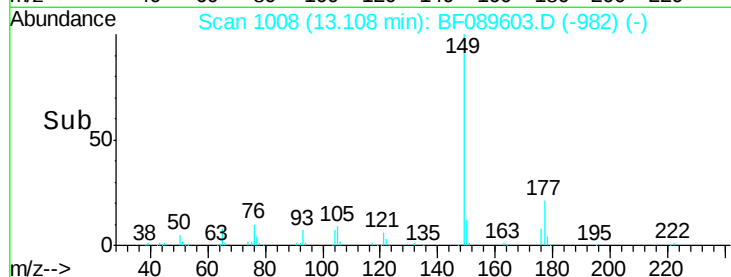
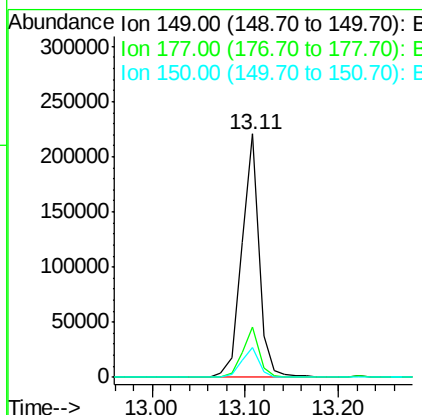
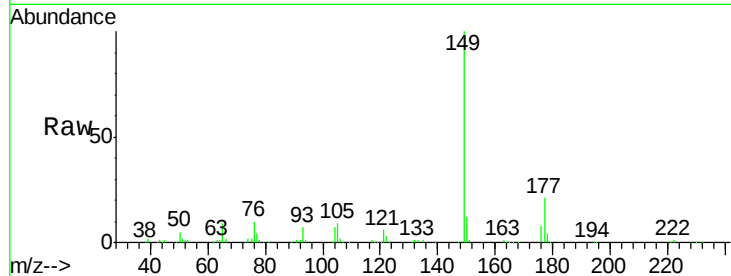
#59  
Diethylphthalate  
Concen: 38.74 ng  
RT: 13.11 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 287260 |       |       |
| 177     | 20.5  | 16.8   | 25.2  |       |
| 150     | 12.2  | 9.6    | 14.4  |       |

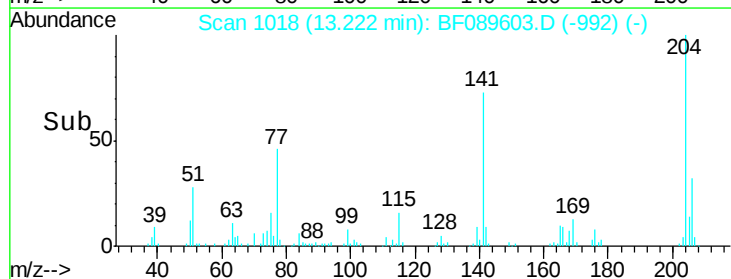
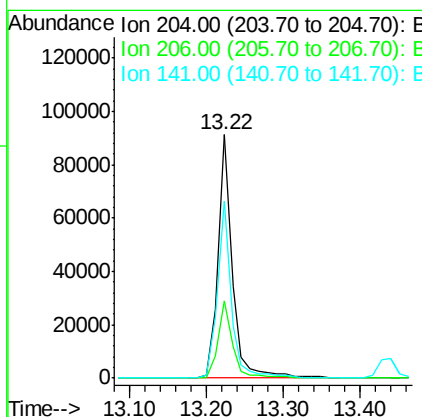
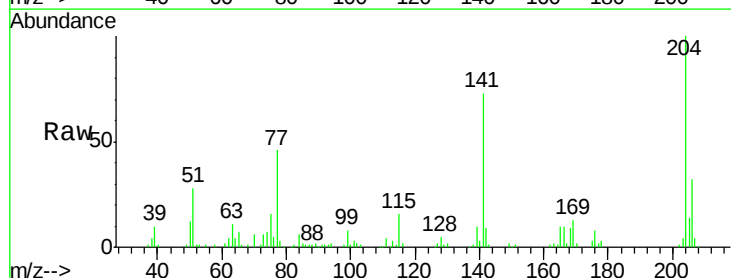
Manual Integrations  
APPROVED

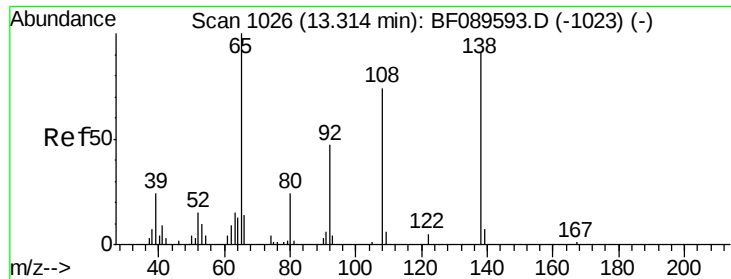
sohil  
8/5/2016 6:58:54 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 37.67 ng  
RT: 13.22 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 119470 |       |       |
| 206     | 31.7  | 25.0   | 37.4  |       |
| 141     | 72.7  | 56.2   | 84.4  |       |





#61

4-Nitroaniline

Concen: 35.22 ng

RT: 13.31 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

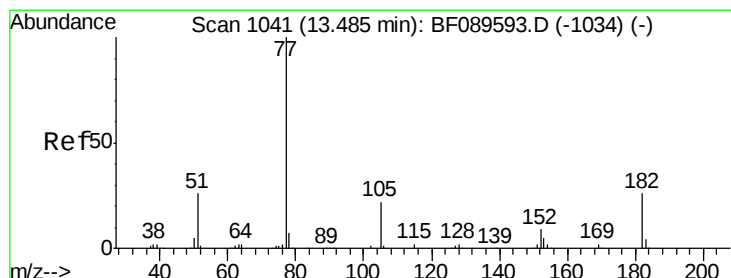
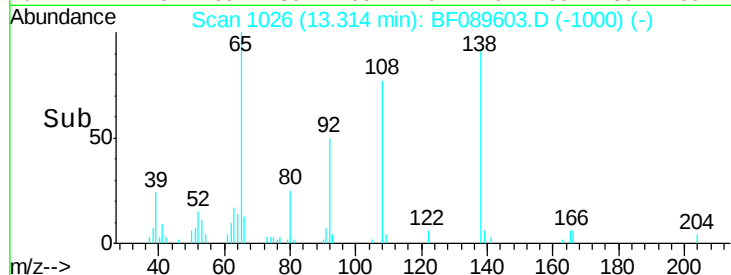
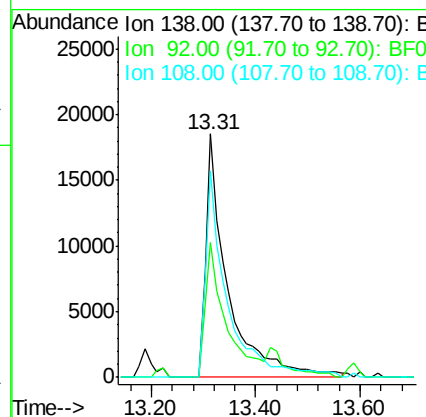
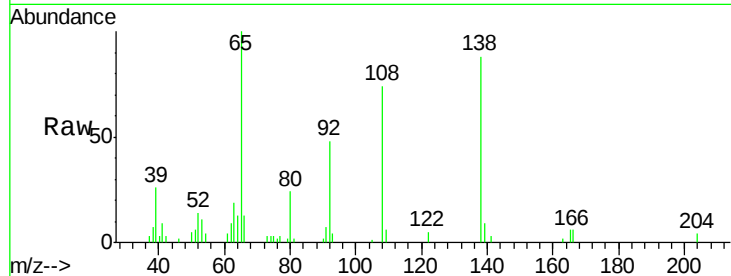
ClientSampleId :

PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.4  | 31.6  | 71.6  |
| 108     | 85.0  | 61.5  | 101.5 |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#62

Azobenzene

Concen: 42.77 ng

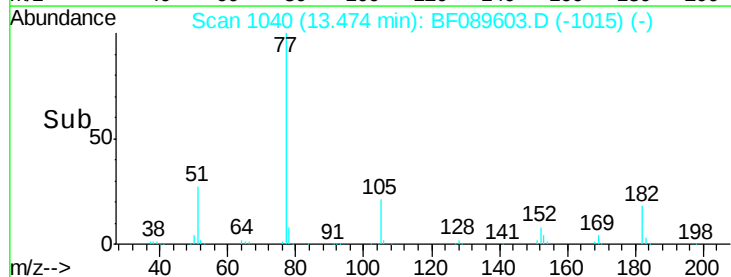
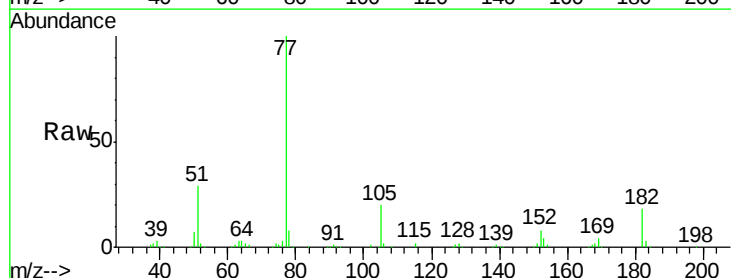
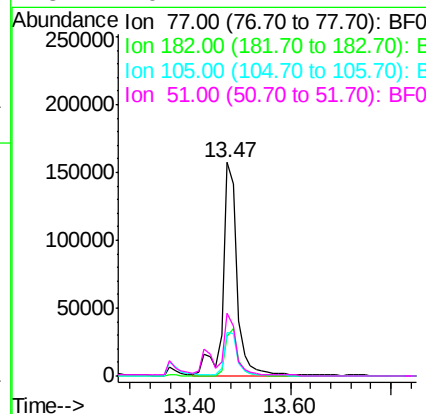
RT: 13.47 min Scan# 1040

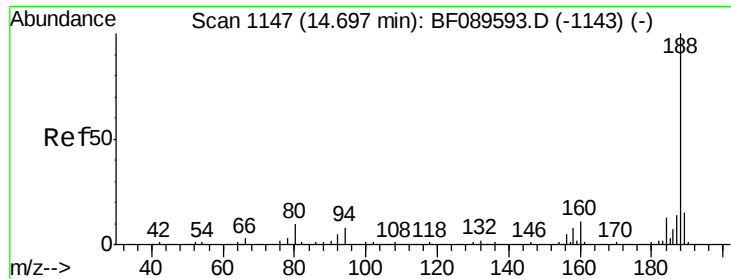
Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 18.4  | 5.8   | 45.8  |
| 105     | 20.5  | 2.9   | 42.9  |
| 51      | 29.1  | 7.2   | 47.2  |





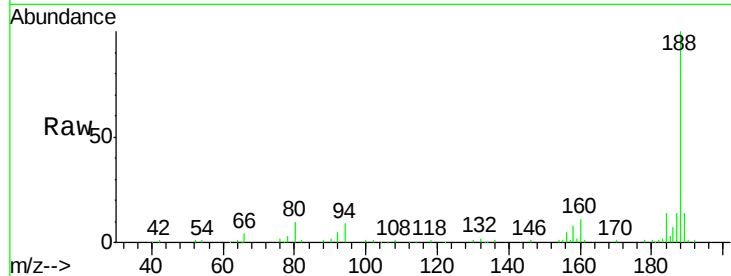
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 14.70 min Scan# 1147  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 172399 |       |       |
| 94      | 8.6   |        | 6.5   | 9.7   |
| 80      | 10.0  |        | 8.0   | 12.0  |

Manual Integrations  
 APPROVED

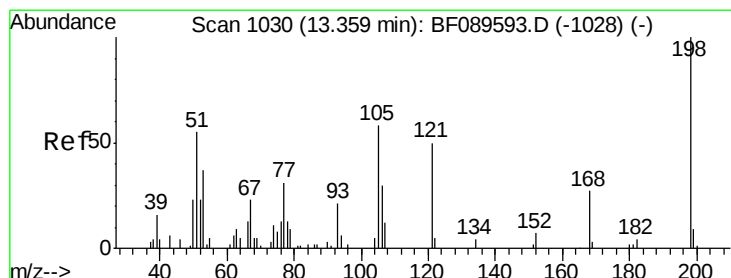
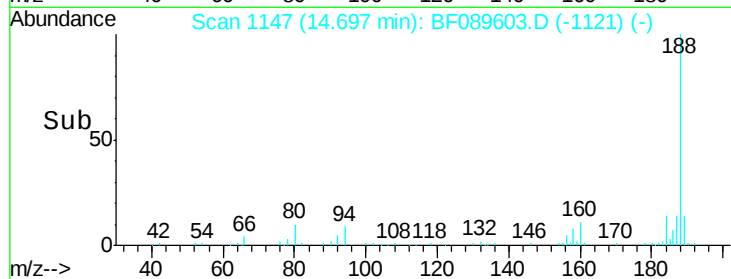
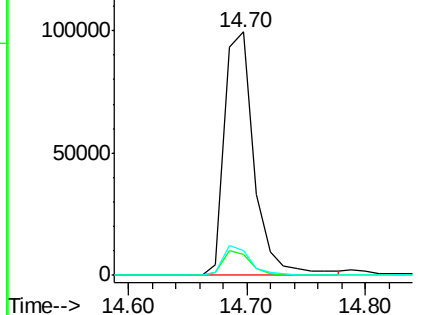
sohil  
 8/5/2016 6:58:54 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



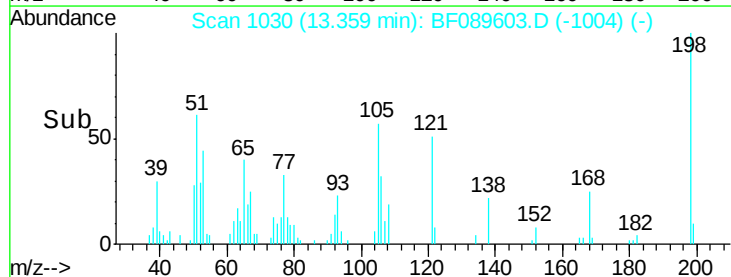
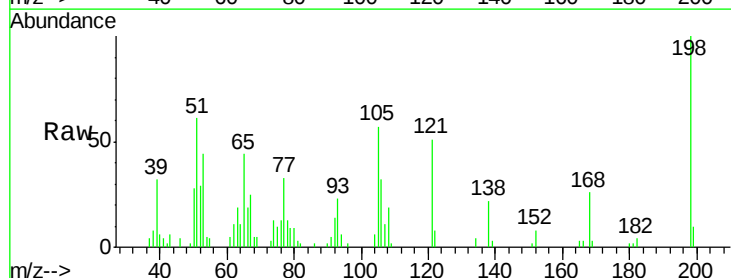
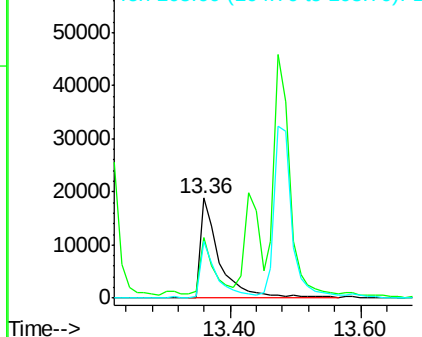
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 37.52 ng  
 RT: 13.36 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

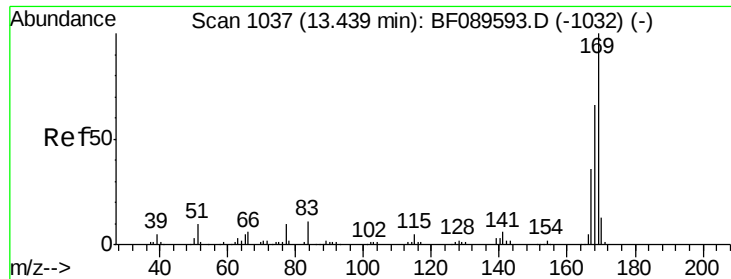
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 38196 |       |       |
| 51      | 61.0  |       | 38.9  | 78.9  |
| 105     | 56.7  |       | 38.1  | 78.1  |

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.64 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

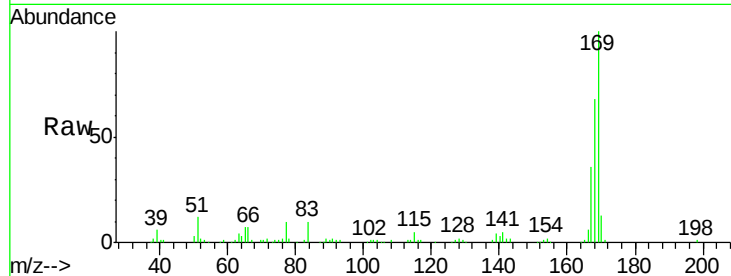
ClientSampleId :

PB92673BS

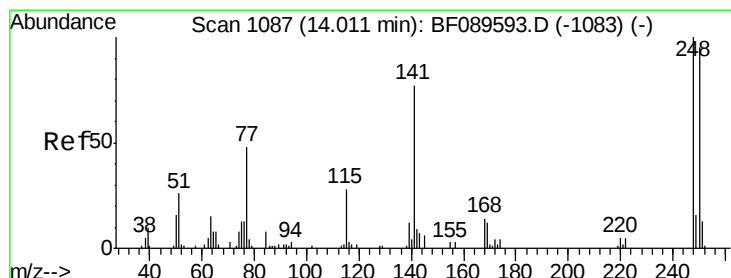
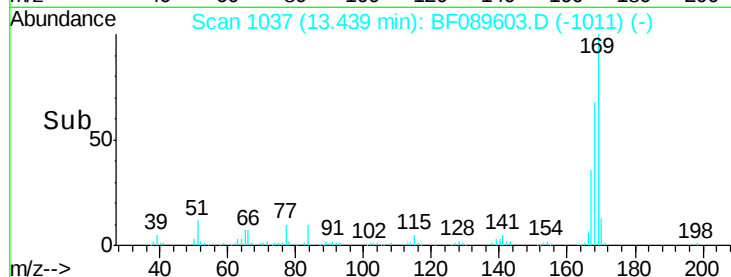
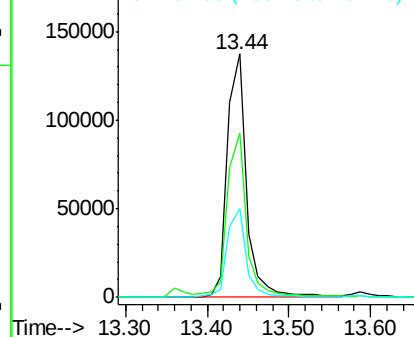
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 224974 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.6  | 54.2  | 81.2   |
| 167       | 36.2  | 28.9  | 43.3   |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 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: 39.80 ng

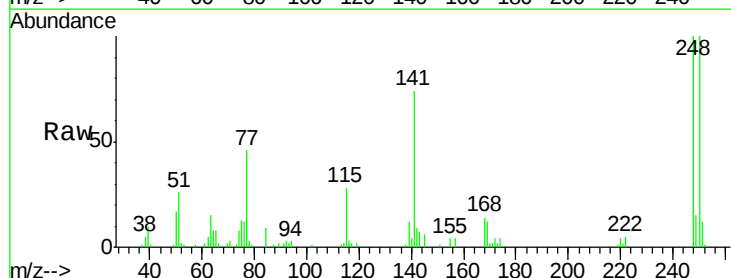
RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

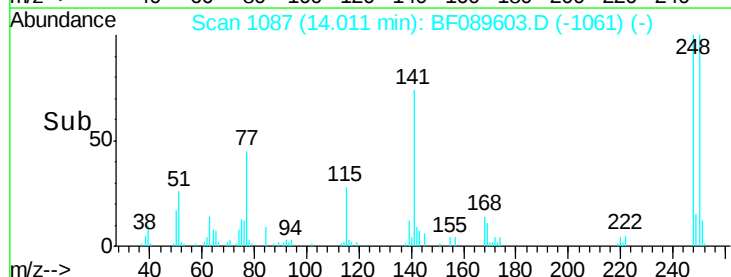
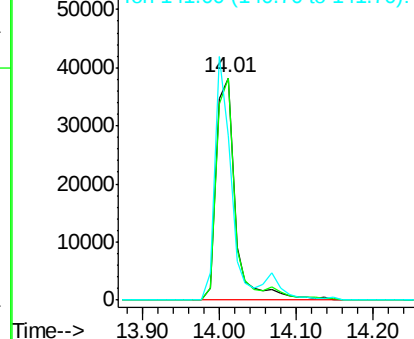
Lab File: BF089603.D

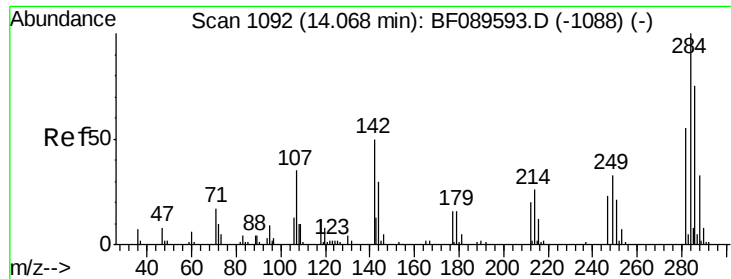
Acq: 4 Aug 2016 23:38

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 66366 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 100.0 | 76.2  | 114.2 |
| 141       | 73.8  | 61.3  | 91.9  |



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





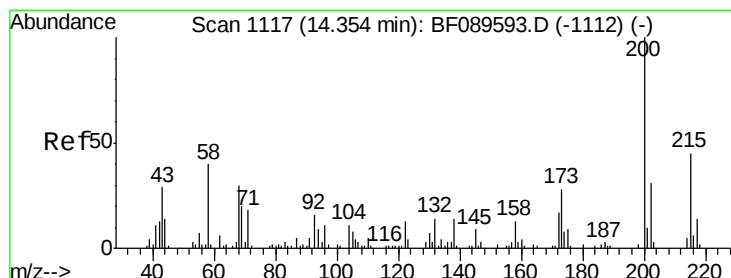
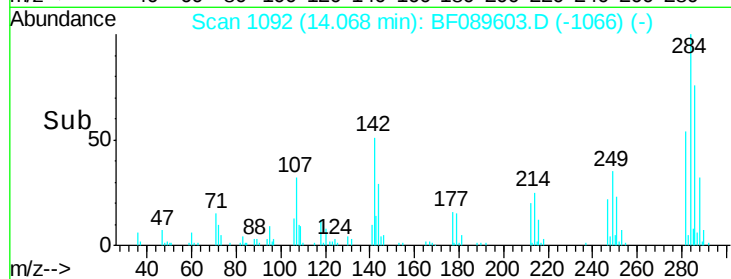
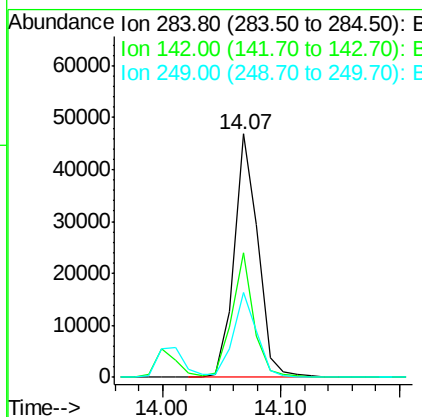
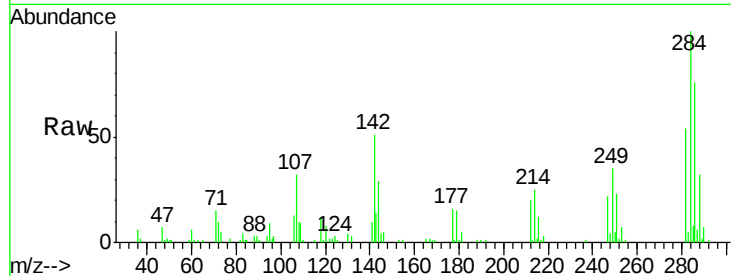
#67  
Hexachlorobenzene  
Concen: 35.68 ng  
RT: 14.07 min Scan# 1092  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 65456 |       |       |
| 142     | 51.0  |       | 41.4  | 62.0  |
| 249     | 34.9  |       | 28.6  | 43.0  |

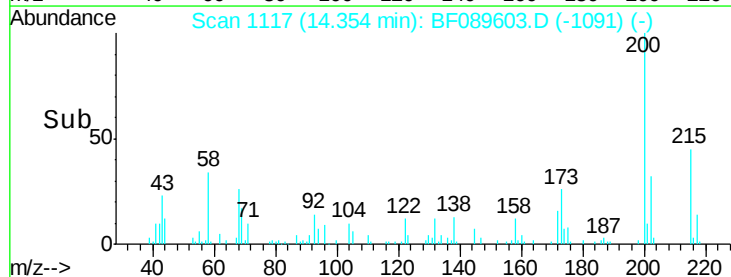
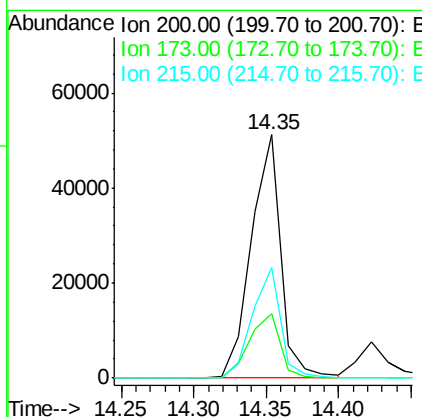
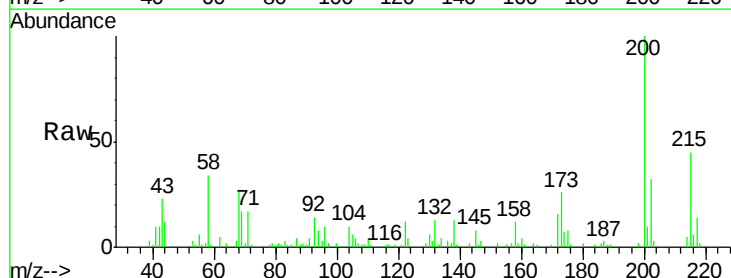
Manual Integrations  
APPROVED

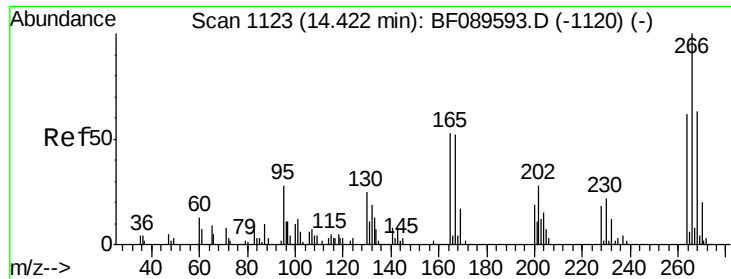
sohil  
8/5/2016 6:58:54 PM



#68  
Atrazine  
Concen: 44.53 ng  
RT: 14.35 min Scan# 1117  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 72389 |       |       |
| 173     | 26.3  |       | 8.2   | 48.2  |
| 215     | 45.2  |       | 24.9  | 64.9  |





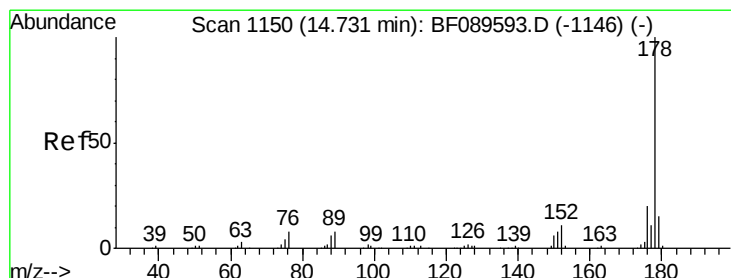
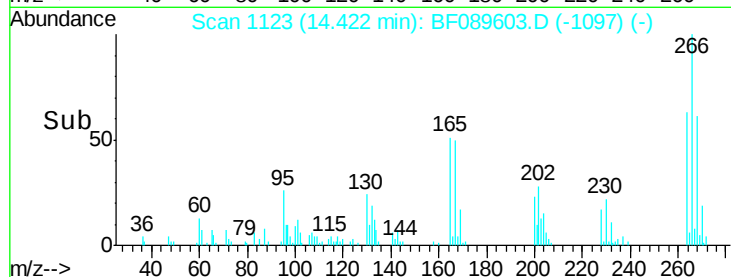
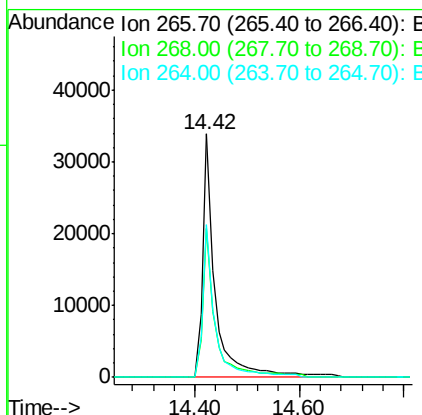
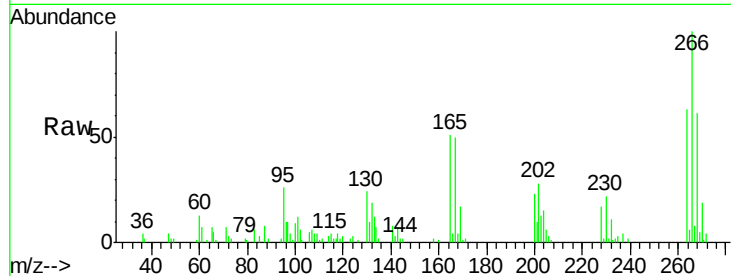
#69  
 Pentachlorophenol  
 Concen: 74.14 ng  
 RT: 14.42 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 61.2  | 50.6  | 75.8  |
| 264     | 63.0  | 49.5  | 74.3  |

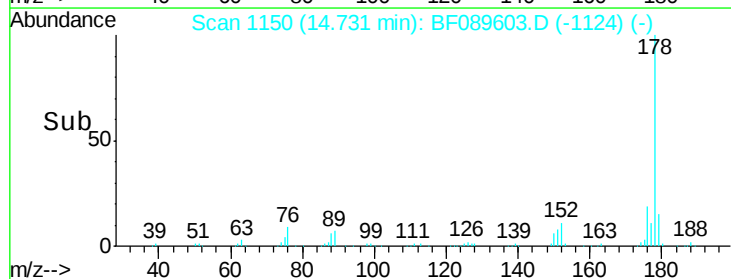
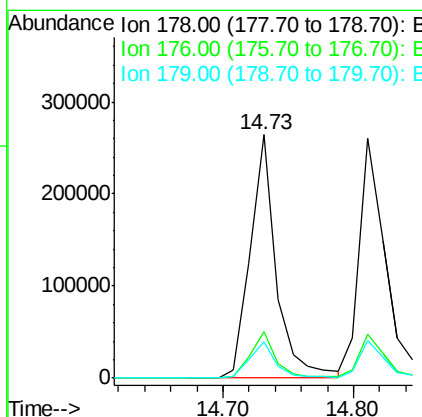
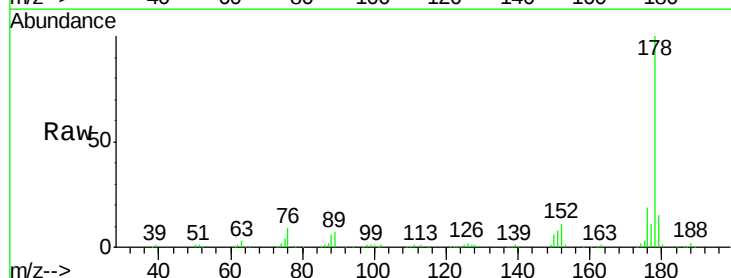
Manual Integrations  
 APPROVED

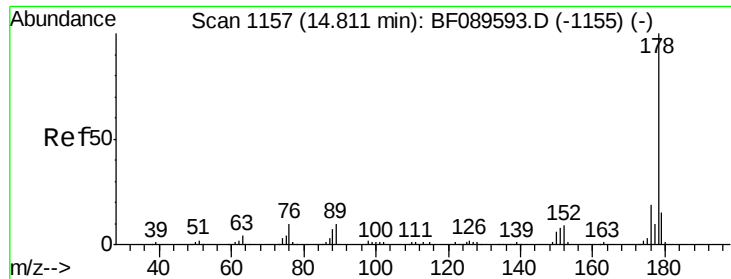
sohil  
 8/5/2016 6:58:54 PM



#70  
 Phenanthrene  
 Concen: 39.31 ng  
 RT: 14.73 min Scan# 1150  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.7  | 23.5  |
| 179     | 15.0  | 12.2  | 18.2  |





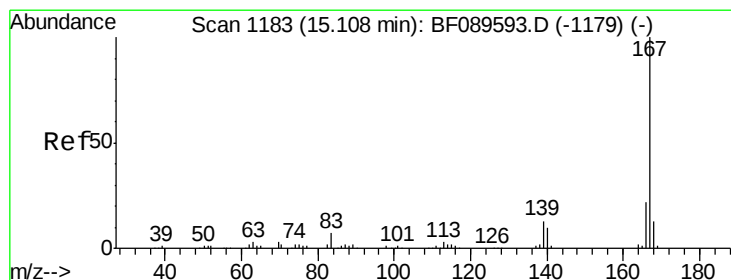
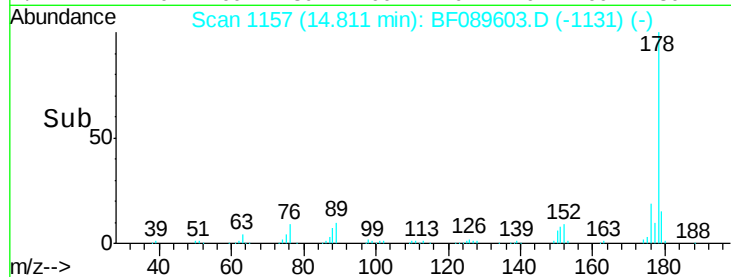
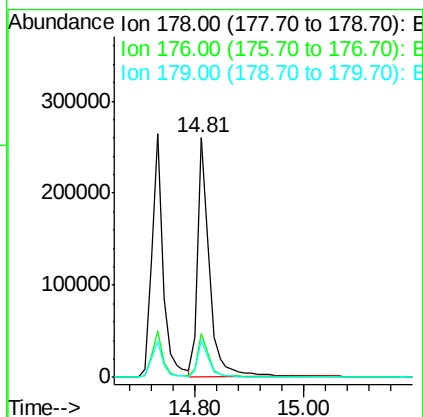
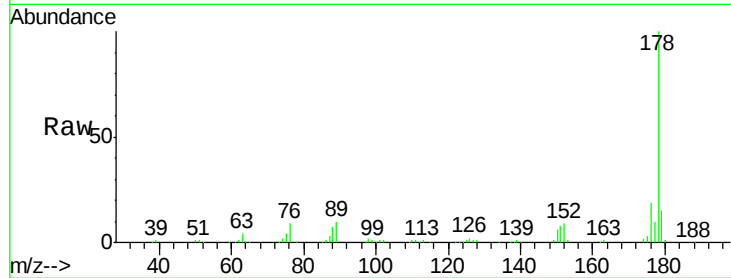
#71  
 Anthracene  
 Concen: 38.28 ng  
 RT: 14.81 min Scan# 1157  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.0  | 22.4  |
| 179     | 15.5  | 12.4  | 18.6  |

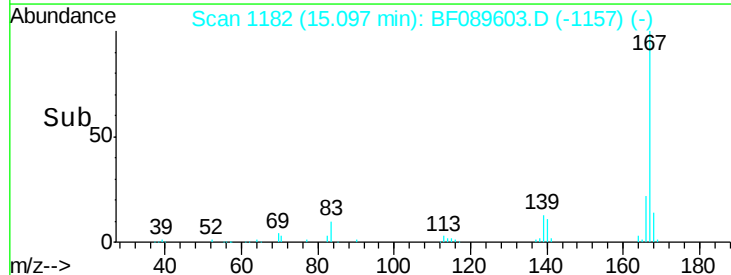
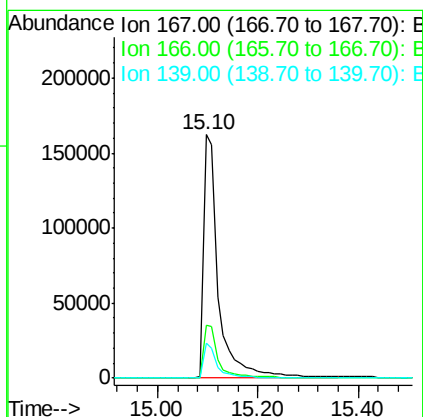
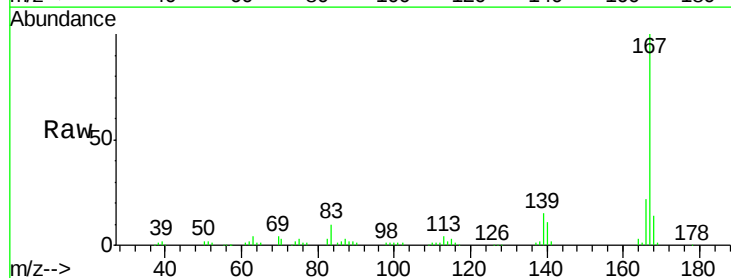
Manual Integrations  
 APPROVED

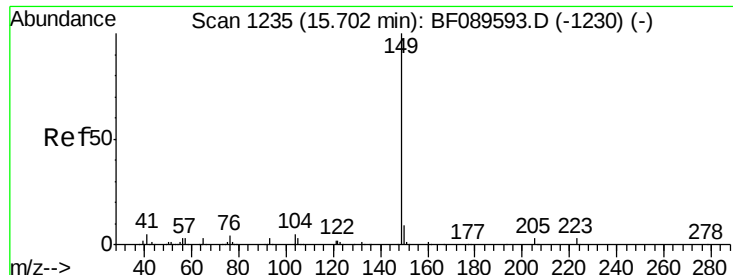
sohil  
 8/5/2016 6:58:54 PM



#72  
 Carbazole  
 Concen: 39.91 ng  
 RT: 15.10 min Scan# 1182  
 Delta R.T. -0.01 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 17.5  | 26.3  |
| 139     | 14.5  | 10.4  | 15.6  |





#73

Di-n-butylphthalate

Concen: 39.63 ng

RT: 15.69 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

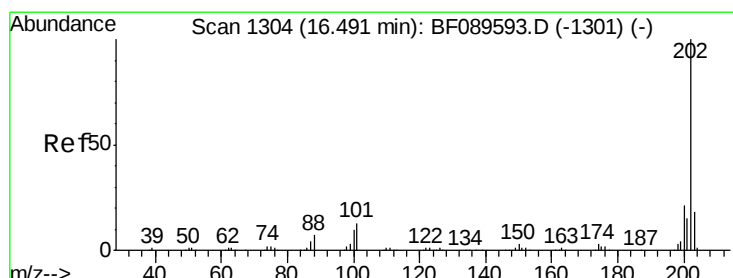
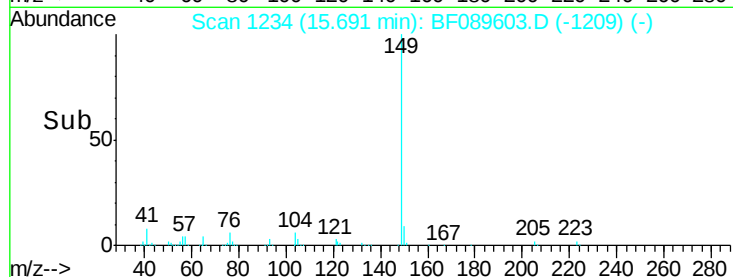
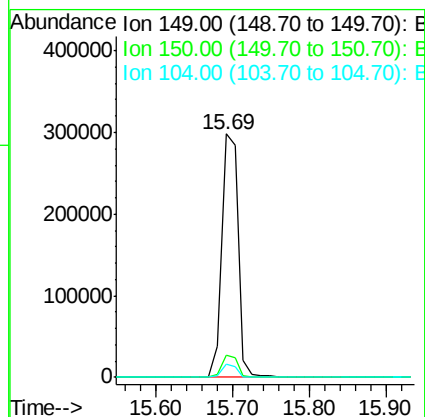
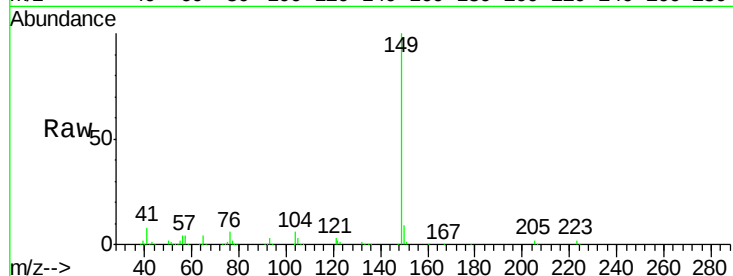
ClientSampleId :

PB92673BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 448967 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.3   | 7.2   | 10.8   |
| 104       | 5.6   | 3.8   | 5.8    |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#74

Fluoranthene

Concen: 38.87 ng

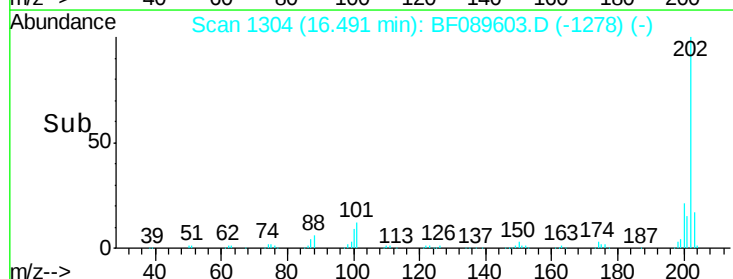
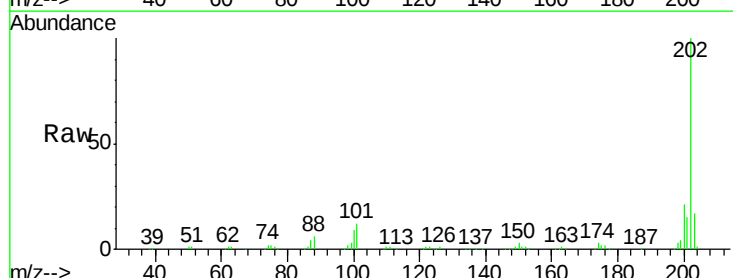
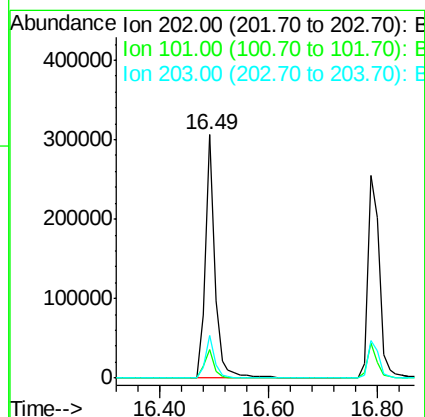
RT: 16.49 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 374607 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 11.8  | 0.0   | 32.7   |
| 203       | 17.5  | 0.0   | 37.8   |





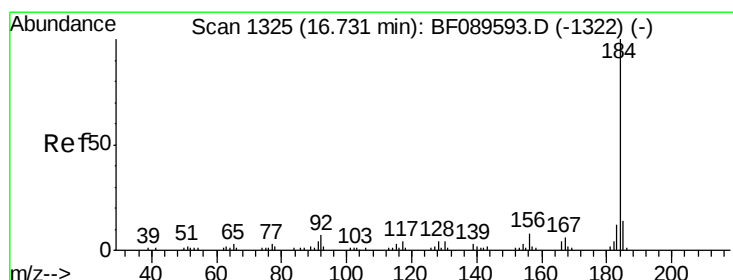
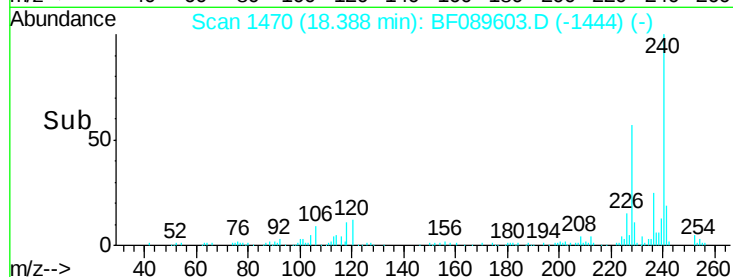
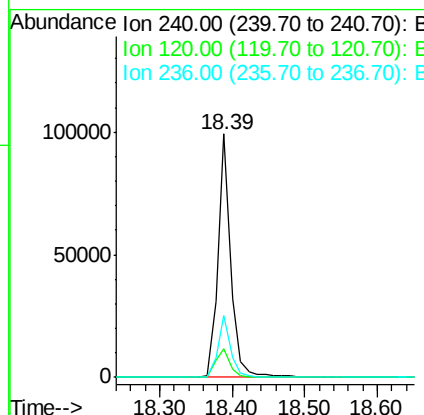
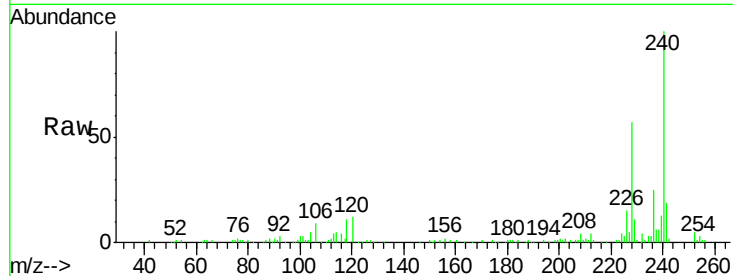
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 18.39 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampled :  
PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.7  | 10.6  | 15.8  |
| 236     | 25.2  | 20.6  | 30.8  |

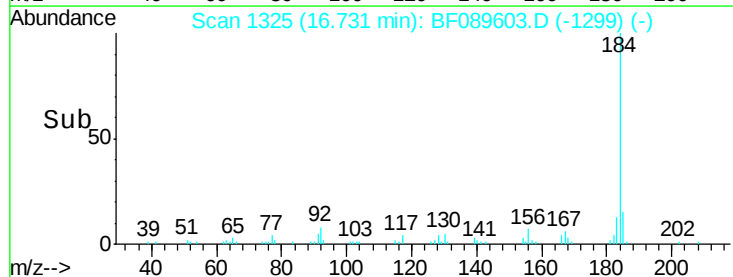
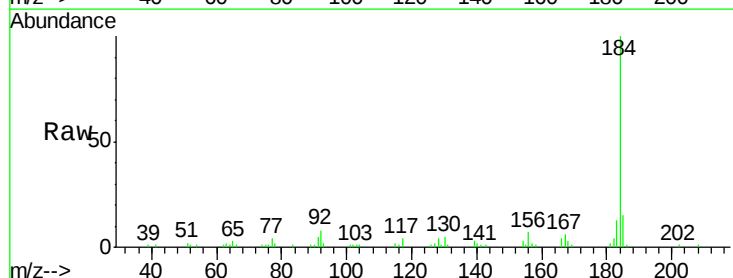
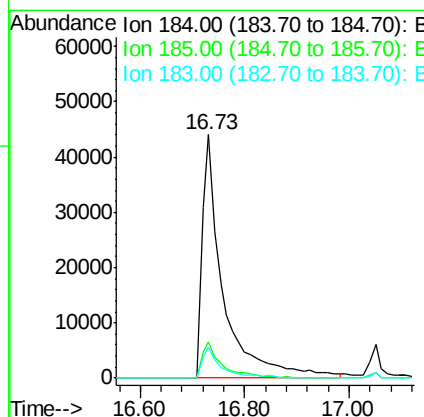
Manual Integrations  
APPROVED

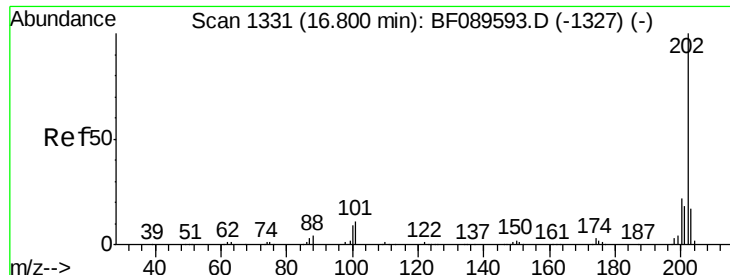
sohil  
8/5/2016 6:58:54 PM



#76  
Benzidine  
Concen: 33.25 ng  
RT: 16.73 min Scan# 1325  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.7  | 11.5  | 17.3  |
| 183     | 12.6  | 9.8   | 14.8  |





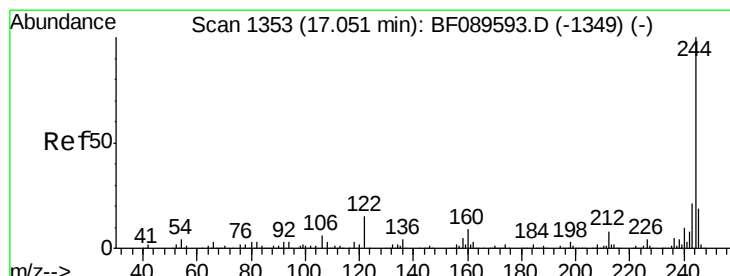
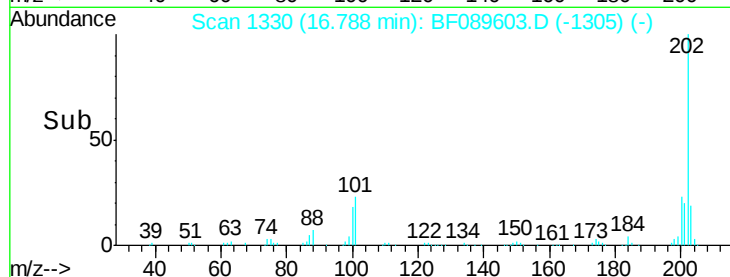
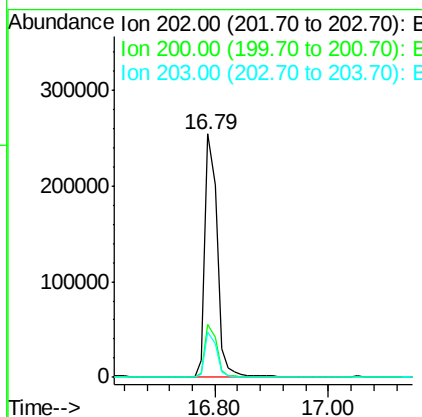
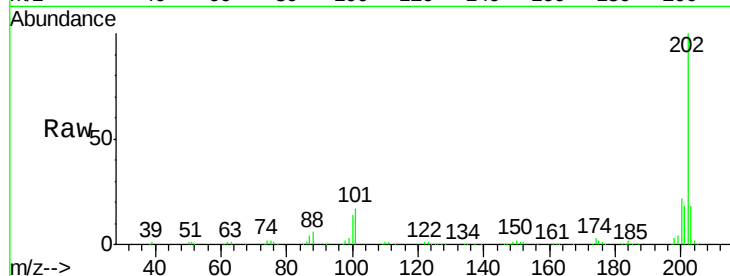
#77  
Pvrene  
Concen: 33.67 ng  
RT: 16.79 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 362510 |       |       |
| 200     | 21.5  |        | 17.4  | 26.0  |
| 203     | 18.5  |        | 13.6  | 20.4  |

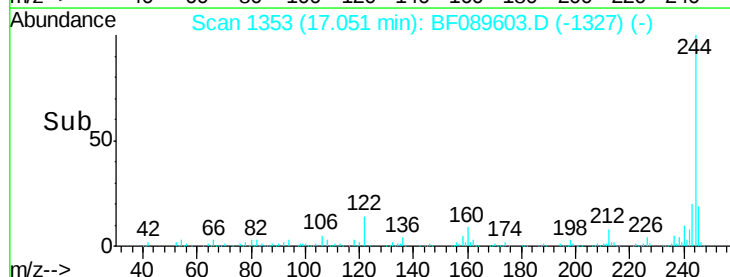
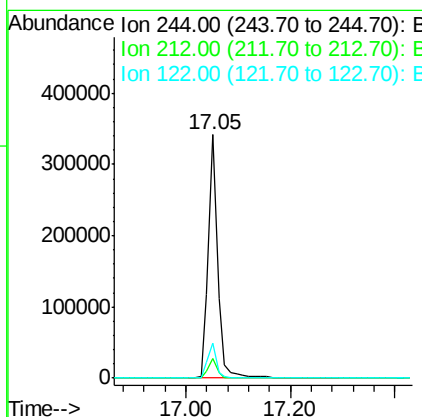
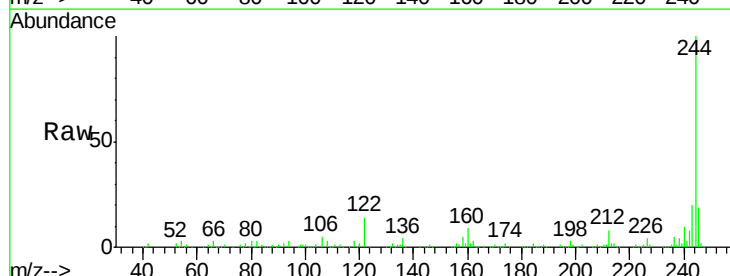
Manual Integrations  
APPROVED

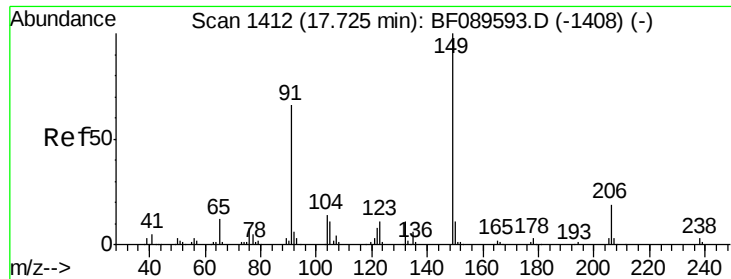
sohil  
8/5/2016 6:58:54 PM



#78  
Terphenyl-d14  
Concen: 69.56 ng  
RT: 17.05 min Scan# 1353  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 429048 |       |       |
| 212     | 7.8   |        | 6.4   | 9.6   |
| 122     | 14.2  |        | 12.2  | 18.2  |





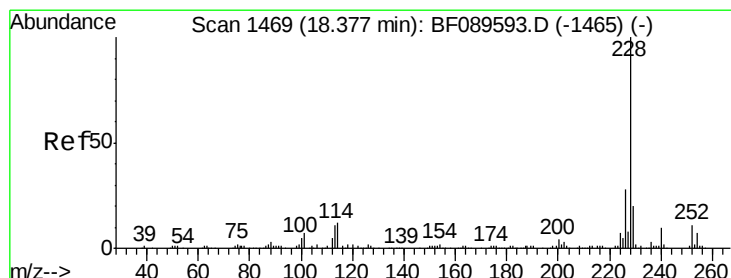
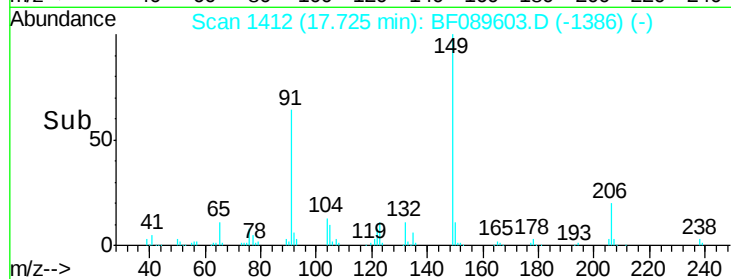
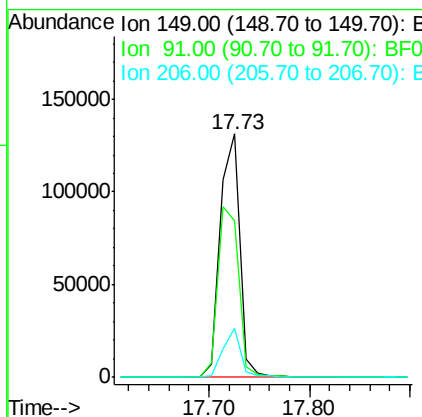
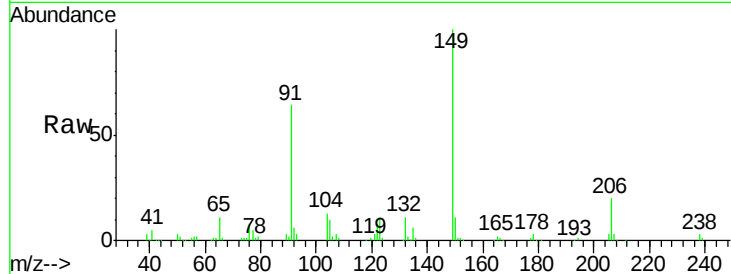
#79  
Butylbenzylphthalate  
Concen: 38.93 ng  
RT: 17.73 min Scan# 1412  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 178340 |       |       |
| 91      | 64.4  | 52.6   | 78.8  |       |
| 206     | 20.0  | 15.4   | 23.0  |       |

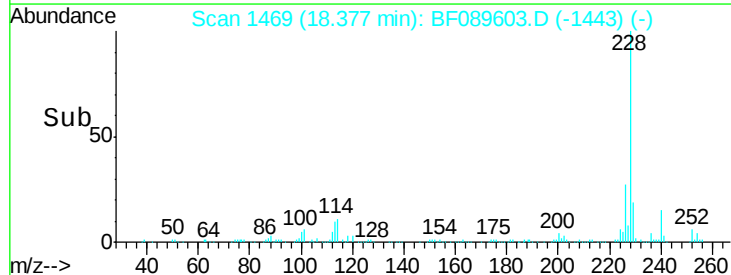
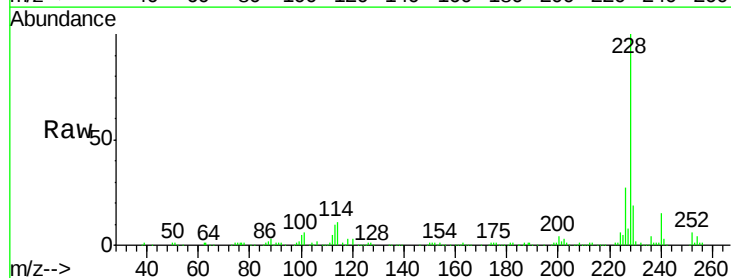
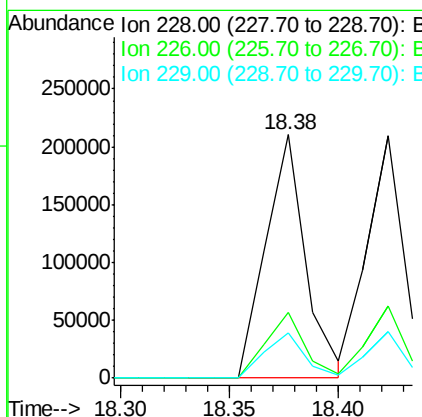
Manual Integrations  
APPROVED

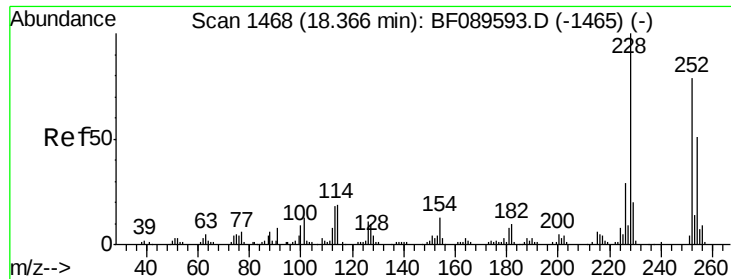
sohil  
8/5/2016 6:58:54 PM



#80  
Benzo(a)anthracene  
Concen: 38.42 ng  
RT: 18.38 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 268828 |       |       |
| 226     | 27.0  | 22.3   | 33.5  |       |
| 229     | 18.8  | 15.9   | 23.9  |       |





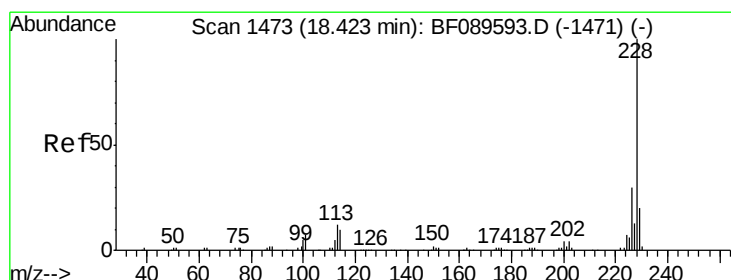
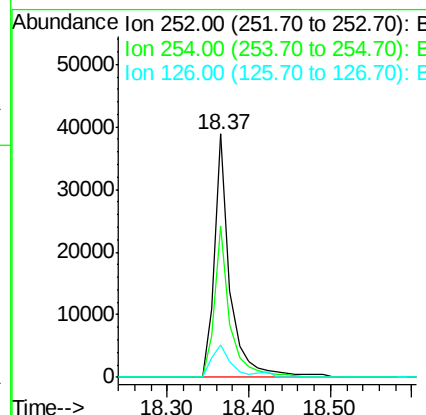
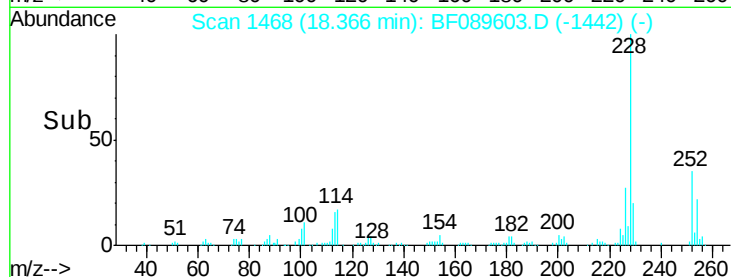
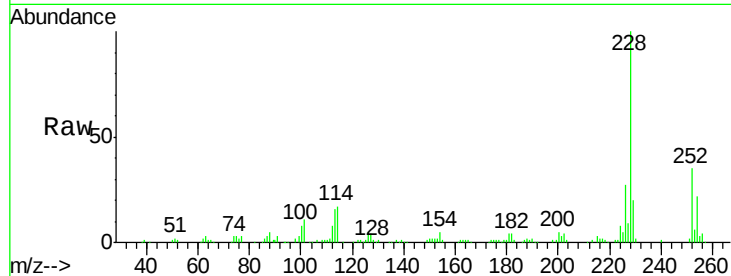
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.95 ng  
 RT: 18.37 min Scan# 1468  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.4  | 51.7  | 77.5  |
| 126     | 13.5  | 11.0  | 16.4  |

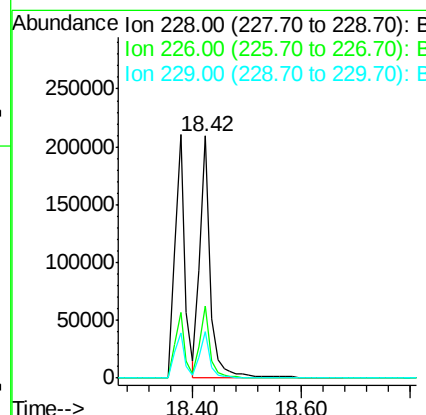
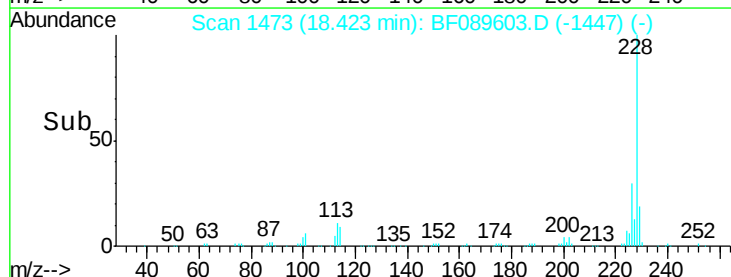
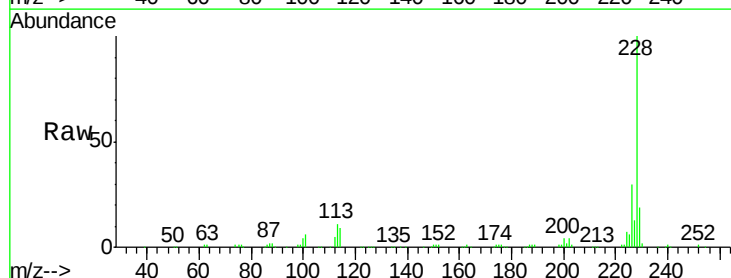
Manual Integrations  
 APPROVED

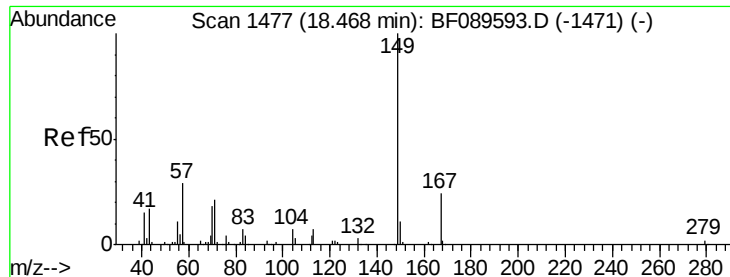
sohil  
 8/5/2016 6:58:54 PM



#82  
 Chrysene  
 Concen: 37.44 ng  
 RT: 18.42 min Scan# 1473  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 24.2  | 36.2  |
| 229     | 19.4  | 16.0  | 24.0  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.48 ng

RT: 18.47 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

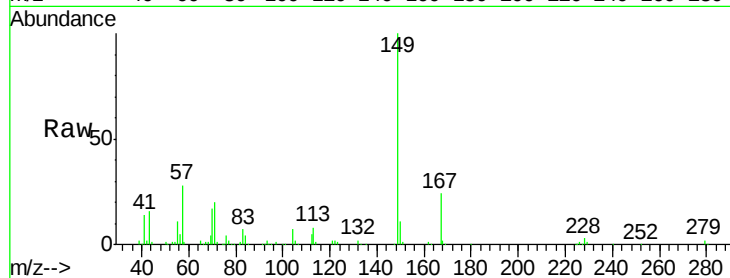
ClientSampleId :

PB92673BS

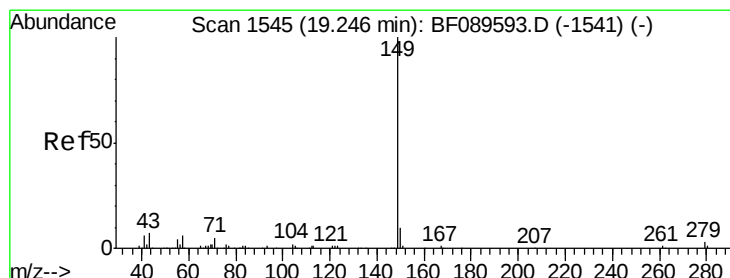
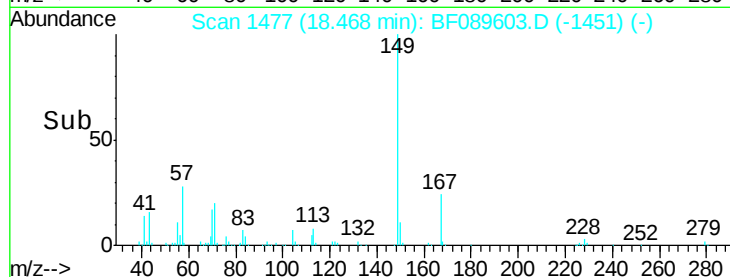
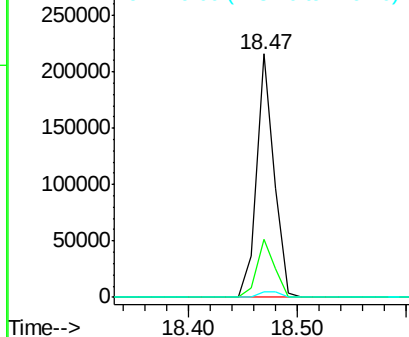
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 244111 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 23.9  | 19.0  | 28.4   |
| 279       | 2.3   | 1.8   | 2.6    |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



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



#84

Di-n-octyl phthalate

Concen: 39.64 ng

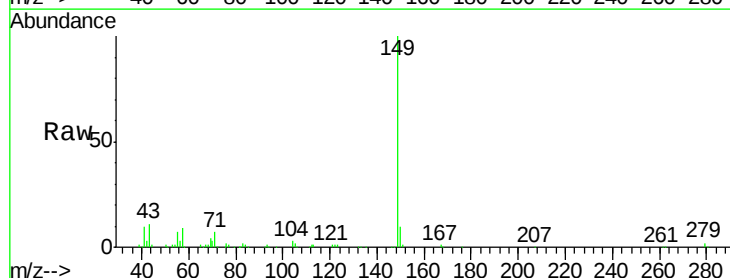
RT: 19.23 min Scan# 1544

Delta R.T. -0.01 min

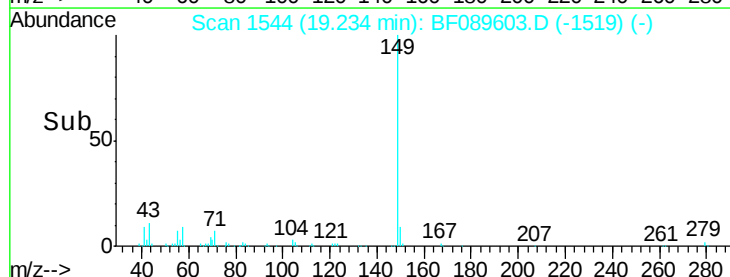
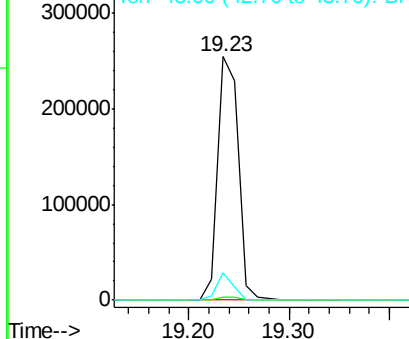
Lab File: BF089603.D

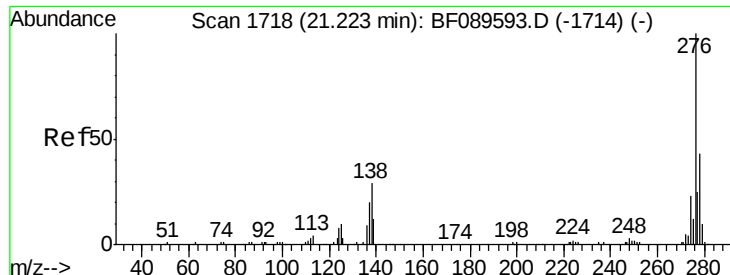
Acq: 4 Aug 2016 23:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 361880 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.1   | 1.7    |
| 43        | 9.2   | 7.0   | 10.4   |



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





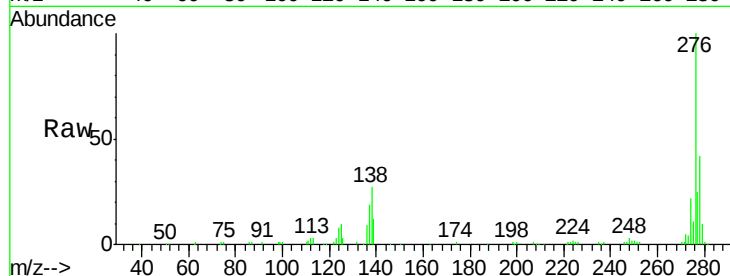
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 35.76 ng  
RT: 21.22 min Scan# 1718  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

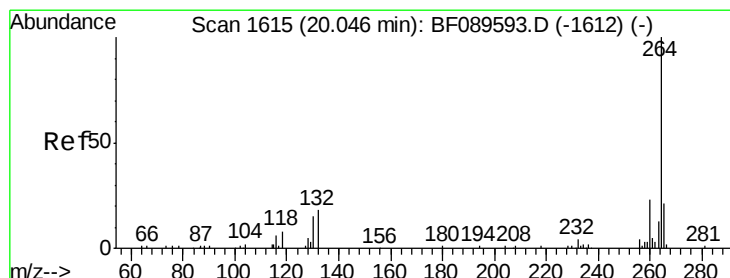
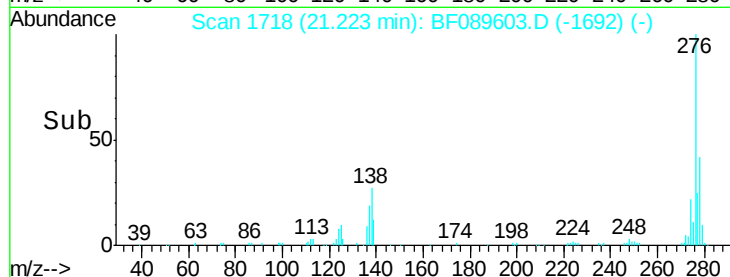
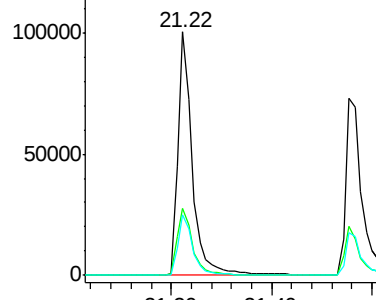
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.7  | 23.8  | 35.8  |
| 277     | 25.3  | 20.3  | 30.5  |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



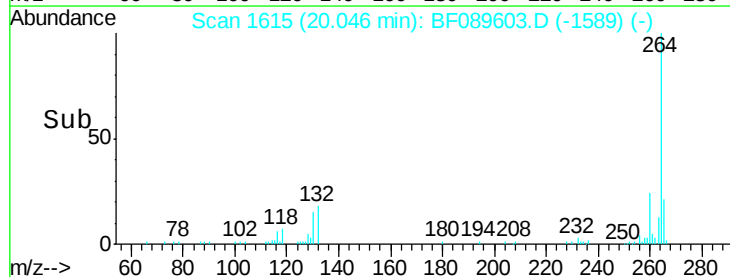
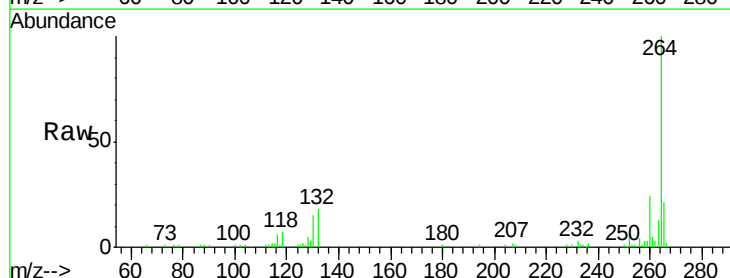
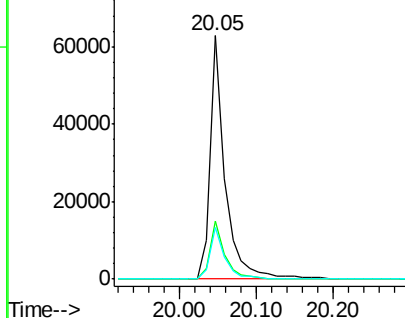
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

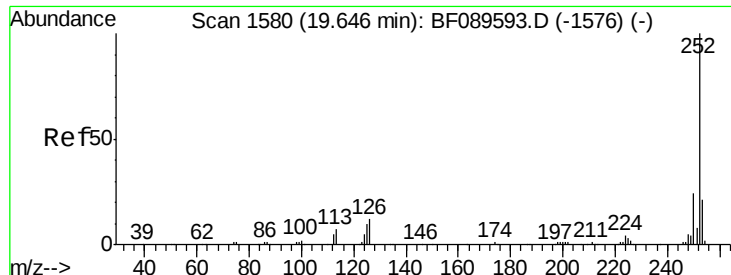


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 20.05 min Scan# 1615  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.7  | 28.1  |
| 265     | 21.1  | 16.5  | 24.7  |

Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.72 ng

RT: 19.65 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

Instrument :

BNA\_F

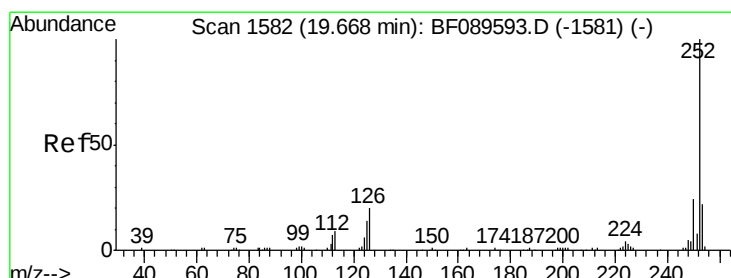
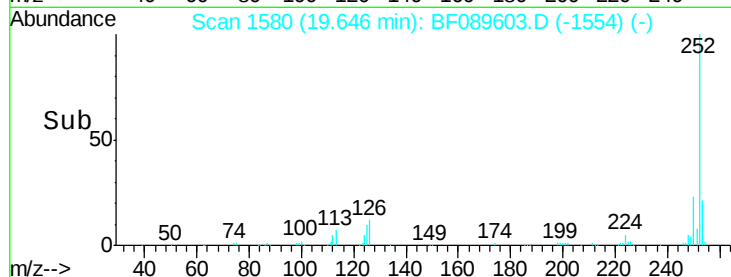
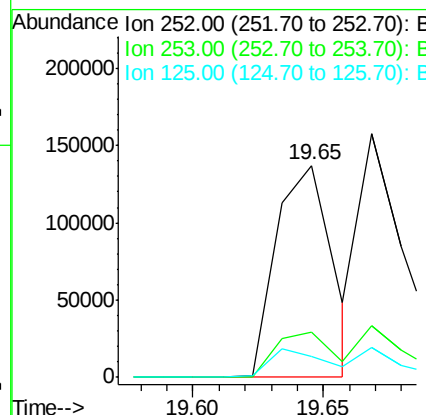
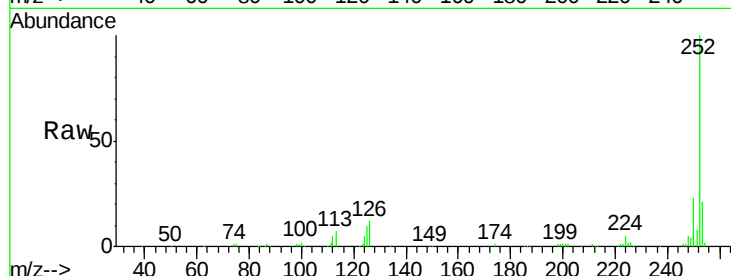
ClientSampleId :

PB92673BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 206005 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.2  | 17.1  | 25.7   |
| 125       | 9.6   | 7.8   | 11.8   |

Manual Integrations  
APPROVED

sohil  
8/5/2016 6:58:54 PM



#88

Benzo(k)fluoranthene

Concen: 39.10 ng m

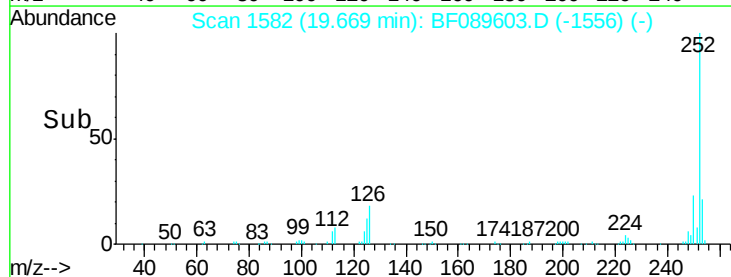
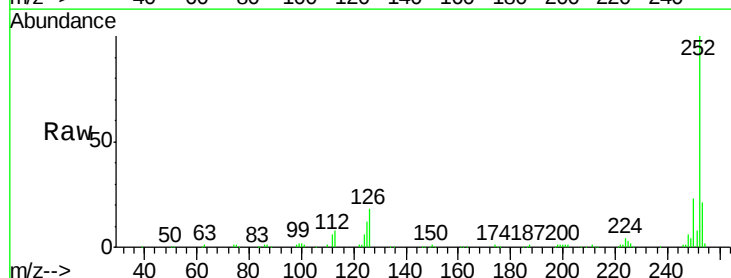
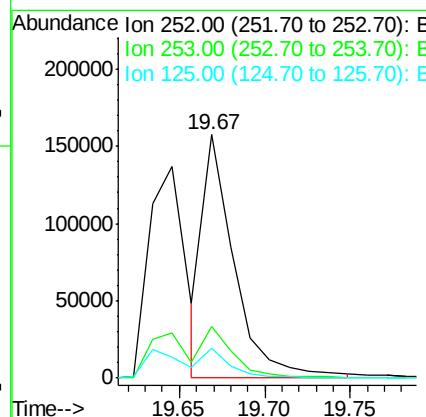
RT: 19.67 min Scan# 1582

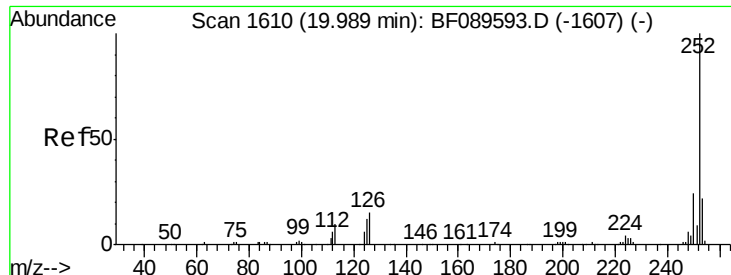
Delta R.T. 0.00 min

Lab File: BF089603.D

Acq: 4 Aug 2016 23:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 204559 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.2  | 17.3  | 25.9   |
| 125       | 12.2  | 11.0  | 16.6   |





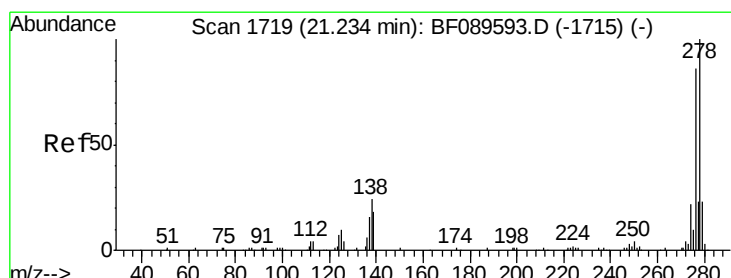
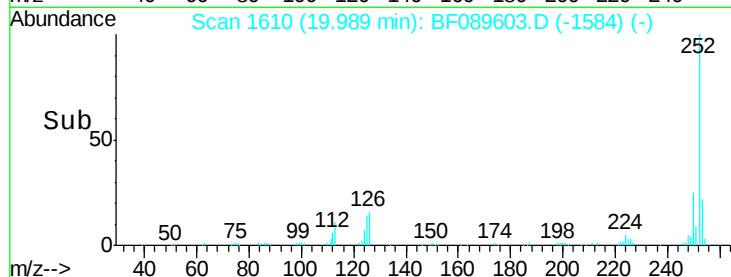
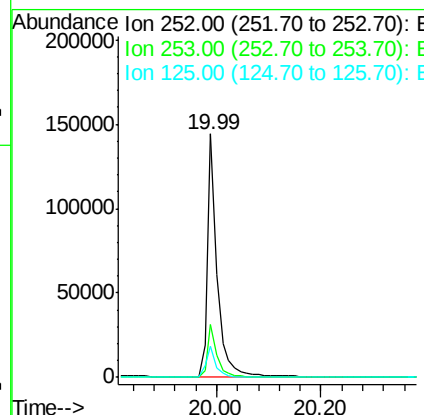
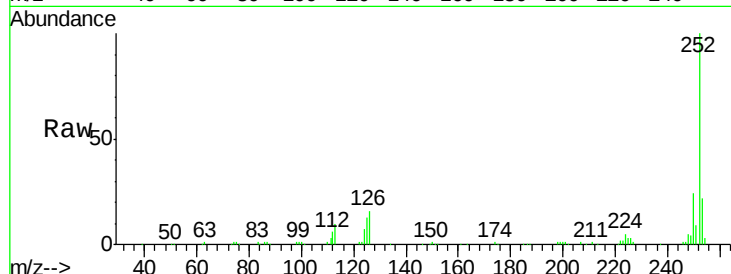
#89  
Benzo(a)pyrene  
Concen: 39.31 ng  
RT: 19.99 min Scan# 1610  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB92673BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.4  | 26.0  |
| 125     | 12.9  | 9.9   | 14.9  |

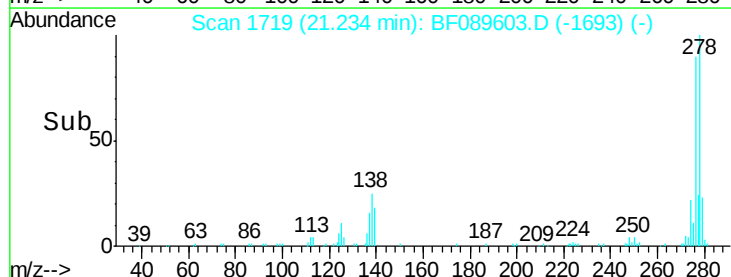
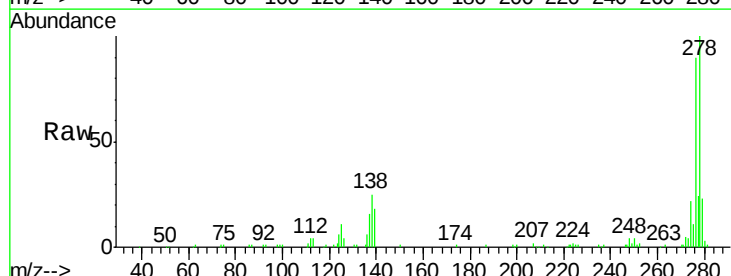
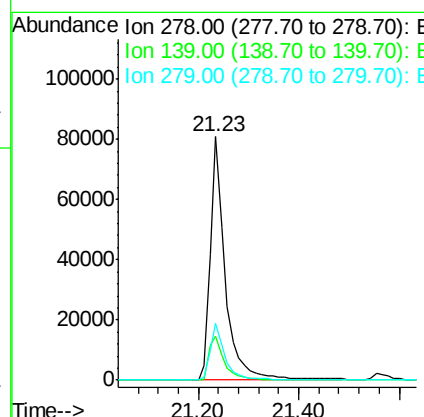
Manual Integrations  
APPROVED

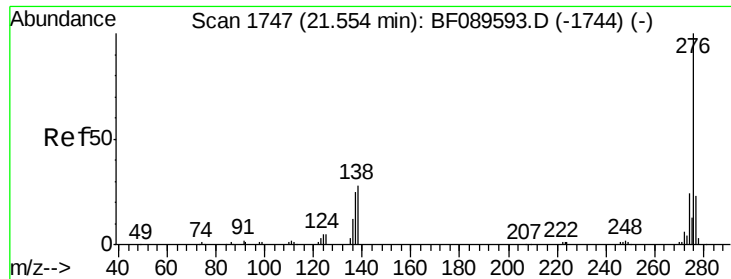
sohil  
8/5/2016 6:58:54 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 36.98 ng  
RT: 21.23 min Scan# 1719  
Delta R.T. 0.00 min  
Lab File: BF089603.D  
Acq: 4 Aug 2016 23:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.9  | 14.6  | 21.8  |
| 279     | 23.5  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 36.73 ng  
 RT: 21.55 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: BF089603.D  
 Acq: 4 Aug 2016 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB92673BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 170553 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 24.0 | 18.6  | 28.0   |
| 138       | 27.7 | 22.6  | 33.8   |

Manual Integrations  
 APPROVED

sohil  
 8/5/2016 6:58:54 PM

