

Data Path : S:\HPCHEM1\BNA\_F\DATA\BF031016\  
 Data File : BF085335.D  
 Acq On : 10 Mar 2016 16:09  
 Operator : UM/SJ  
 Sample : PB88797BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM

Quant Time: Mar 10 17:44:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:13:07 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.94  | 152  | 209156   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.23  | 136  | 860363   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.98  | 164  | 388629   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.46 | 188  | 744391   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.11 | 240  | 476504   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.57 | 264  | 379635   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 1180469 | 94.67  | ng | 0.02  |
| 7) Phenol-d6             | 6.57  | 99  | 1457016 | 89.19  | ng | 0.01  |
| 23) Nitrobenzene-d5      | 7.50  | 82  | 953613  | 59.31  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.78 | 330 | 353091  | 106.18 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.30  | 172 | 1635980 | 64.02  | ng | 0.00  |
| 78) Terphenyl-d14        | 13.05 | 244 | 1332528 | 64.92  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.69 | 88  | 151693  | 23.79 | ng | 97     |
| 3) Pyridine                    | 3.44 | 79  | 474280  | 29.72 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.38 | 42  | 187291  | 27.42 | ng | 99     |
| 6) Aniline                     | 6.60 | 93  | 546830  | 23.88 | ng | 98     |
| 8) 2-Chlorophenol              | 6.72 | 128 | 421445  | 28.07 | ng | 95     |
| 9) Benzaldehyde                | 6.48 | 77  | 112818  | 11.27 | ng | 97     |
| 10) Phenol                     | 6.58 | 94  | 631837  | 36.11 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93  | 427637  | 29.43 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 6.88 | 146 | 467516  | 29.01 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.96 | 146 | 456465m | 28.26 | ng |        |
| 14) 1,2-Dichlorobenzene        | 7.11 | 146 | 450148  | 30.72 | ng | 99     |
| 15) Benzyl Alcohol             | 7.08 | 79  | 356819  | 29.75 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 550229  | 26.27 | ng | 99     |
| 17) 2-Methylphenol             | 7.19 | 107 | 364532  | 29.76 | ng | 97     |
| 18) Hexachloroethane           | 7.45 | 117 | 169886  | 28.51 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.35 | 70  | 281502  | 26.44 | ng | # 92   |
| 20) 3+4-Methylphenols          | 7.34 | 107 | 437708  | 30.17 | ng | 94     |
| 22) Acetophenone               | 7.35 | 105 | 547736  | 26.08 | ng | # 99   |
| 24) Nitrobenzene               | 7.52 | 77  | 453132  | 27.74 | ng | 97     |
| 25) Isophorone                 | 7.76 | 82  | 835164  | 28.03 | ng | 99     |
| 26) 2-Nitrophenol              | 7.84 | 139 | 248587  | 31.28 | ng | # 90   |
| 27) 2,4-Dimethylphenol         | 7.88 | 122 | 433375  | 29.83 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.97 | 93  | 501764  | 30.24 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 8.08 | 162 | 369957  | 31.58 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 373837  | 29.52 | ng | 98     |
| 31) Naphthalene                | 8.25 | 128 | 1229167 | 29.05 | ng | 97     |
| 32) Benzoic acid               | 7.99 | 122 | 239971  | 24.87 | ng | # 86   |
| 33) 4-Chloroaniline            | 8.29 | 127 | 312011  | 18.23 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.37 | 225 | 203244  | 30.84 | ng | 98     |
| 35) Caprolactam                | 8.66 | 113 | 124606m | 32.57 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107 | 413579  | 31.12 | ng | # 84   |
| 37) 2-Methylnaphthalene        | 8.94 | 142 | 865422  | 31.88 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.11 | 216 | 326412  | 29.37 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.10 | 237 | 399684  | 66.68 | ng | 97     |

Data Path : S:\HPCHEM1\BNA\_F\DATA\BF031016\  
 Data File : BF085335.D  
 Acq On : 10 Mar 2016 16:09  
 Operator : UM/SJ  
 Sample : PB88797BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

Manual Integrations  
 APPROVED

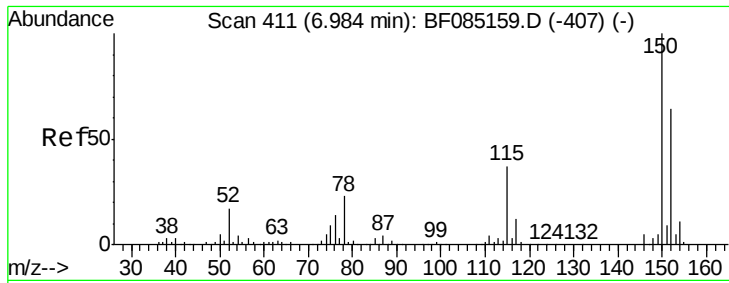
Sohil  
 3/11/2016 4:58:18 PM

Quant Time: Mar 10 17:44:26 2016  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF030316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:13:07 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.21  | 196  | 254710   | 30.79 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.26  | 196  | 265716   | 33.87 | ng #  | 91       |
| 45) 1,1'-Biphenyl              | 9.41  | 154  | 966301   | 29.10 | ng    | 93       |
| 46) 2-Chloronaphthalene        | 9.43  | 162  | 774903   | 30.62 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.52  | 65   | 254157   | 32.41 | ng #  | 81       |
| 48) Acenaphthylene             | 9.84  | 152  | 1171296  | 29.74 | ng    | 99       |
| 49) Dimethylphthalate          | 9.70  | 163  | 928052   | 31.11 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.76  | 165  | 185790   | 29.11 | ng    | 90       |
| 51) Acenaphthene               | 10.01 | 154  | 765980   | 32.03 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.93  | 138  | 183306   | 24.01 | ng    | 96       |
| 53) 2,4-Dinitrophenol          | 10.04 | 184  | 169748   | 55.19 | ng #  | 53       |
| 54) Dibenzofuran               | 10.18 | 168  | 976855   | 31.18 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.09 | 139  | 342337   | 57.06 | ng #  | 82       |
| 56) 2,4-Dinitrotoluene         | 10.17 | 165  | 264547   | 32.39 | ng #  | 66       |
| 57) Fluorene                   | 10.53 | 166  | 743576   | 30.21 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.30 | 232  | 188200   | 34.15 | ng    | 96       |
| 59) Diethylphthalate           | 10.40 | 149  | 860702   | 29.73 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.52 | 204  | 364724   | 30.46 | ng #  | 88       |
| 61) 4-Nitroaniline             | 10.55 | 138  | 241523   | 33.82 | ng    | 93       |
| 62) Azobenzene                 | 10.68 | 77   | 924230   | 32.41 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.57 | 198  | 122791   | 27.55 | ng #  | 65       |
| 65) n-Nitrosodiphenylamine     | 10.64 | 169  | 727049   | 31.40 | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 11.01 | 248  | 213084   | 29.48 | ng #  | 86       |
| 67) Hexachlorobenzene          | 11.08 | 284  | 229504   | 29.76 | ng #  | 82       |
| 68) Atrazine                   | 11.17 | 200  | 244019   | 37.90 | ng    | 97       |
| 69) Pentachlorophenol          | 11.27 | 266  | 253185   | 59.15 | ng    | 99       |
| 70) Phenanthrene               | 11.49 | 178  | 1172198  | 30.05 | ng    | 99       |
| 71) Anthracene                 | 11.54 | 178  | 1258227  | 30.38 | ng    | 99       |
| 72) Carbazole                  | 11.69 | 167  | 1008842  | 27.78 | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.02 | 149  | 1126010  | 24.53 | ng    | 99       |
| 74) Fluoranthene               | 12.68 | 202  | 976929   | 24.95 | ng    | 97       |
| 76) Benzidine                  | 12.80 | 184  | 553633   | 39.04 | ng    | 98       |
| 77) Pyrene                     | 12.90 | 202  | 1023871  | 28.55 | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.52 | 149  | 454793   | 27.95 | ng    | 94       |
| 80) Benzo(a)anthracene         | 14.09 | 228  | 811314   | 28.44 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.06 | 252  | 148494   | 16.50 | ng #  | 97       |
| 82) Chrysene                   | 14.14 | 228  | 761508   | 28.90 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.08 | 149  | 582929   | 27.22 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.70 | 149  | 958084   | 29.38 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.03 | 276  | 659578   | 32.07 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.15 | 252  | 722577   | 28.56 | ng #  | 95       |
| 88) Benzo(k)fluoranthene       | 15.17 | 252  | 598141m  | 29.31 | ng    |          |
| 89) Benzo(a)pyrene             | 15.51 | 252  | 644526   | 30.74 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.04 | 278  | 549691   | 30.71 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.48 | 276  | 550775   | 30.60 | ng #  | 92       |

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





#1

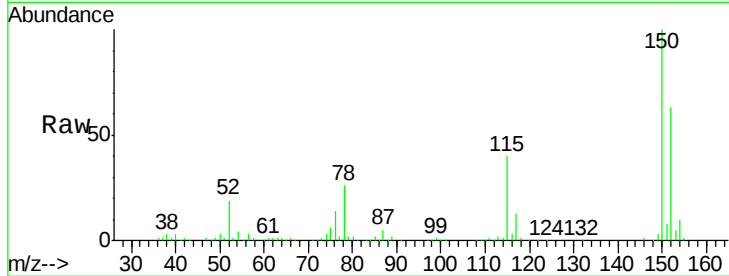
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.94 min Scan# 407  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

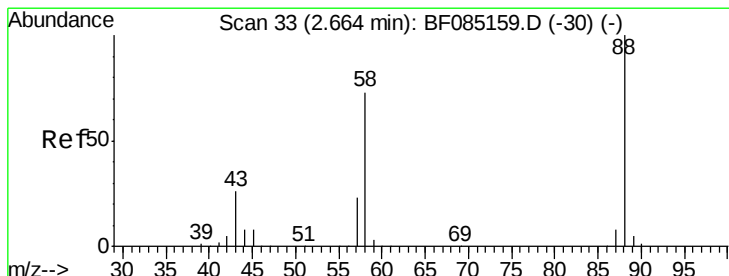
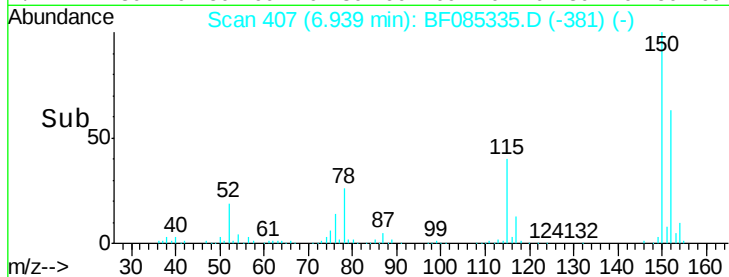
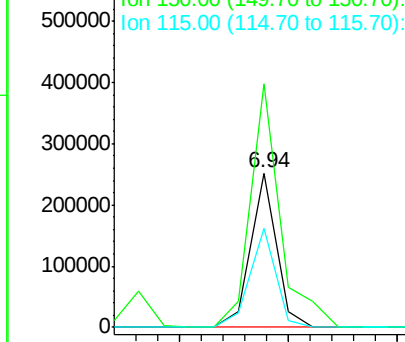
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 209156 |       |       |
| 150     | 157.6 | 124.6  | 186.8 |       |
| 115     | 63.7  | 46.6   | 70.0  |       |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



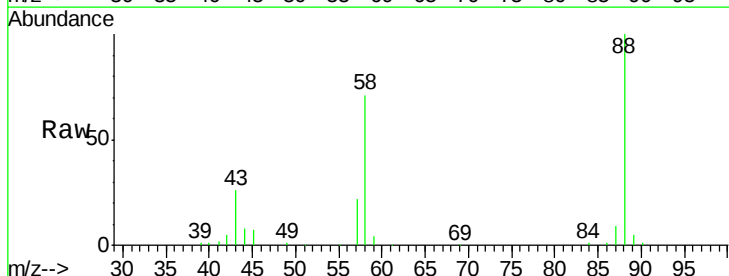
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



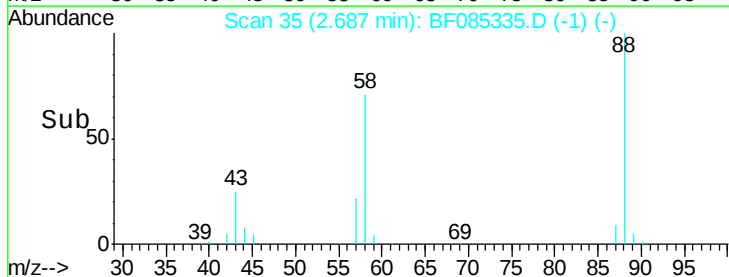
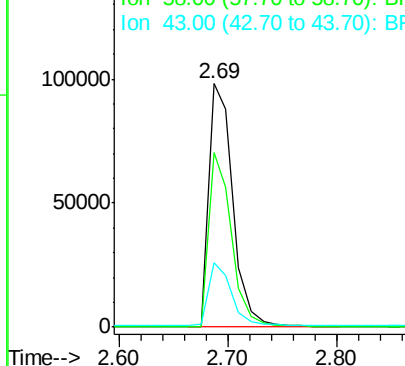
#2

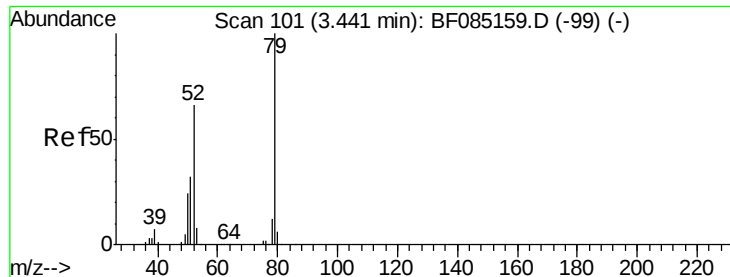
1,4-Dioxane  
Concen: 23.79 ng  
RT: 2.69 min Scan# 35  
Delta R.T. 0.09 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 88      | 100   | 151693 |       |       |
| 58      | 68.2  | 57.0   | 85.6  |       |
| 43      | 24.8  | 20.5   | 30.7  |       |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.72 ng

RT: 3.44 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

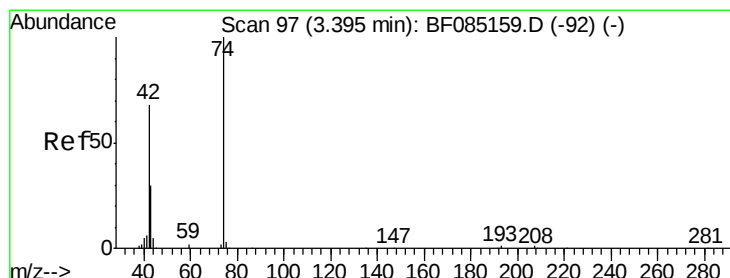
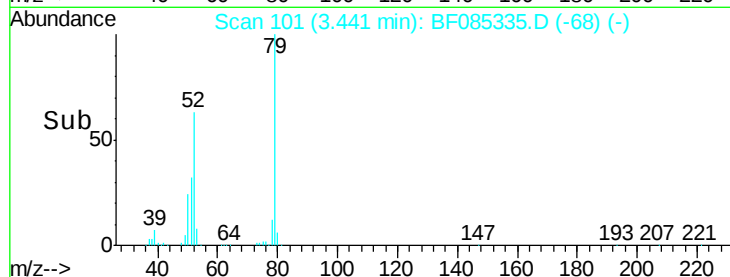
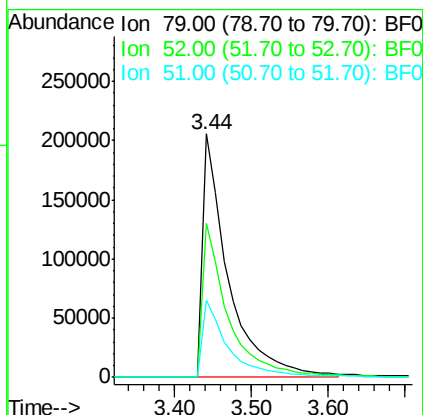
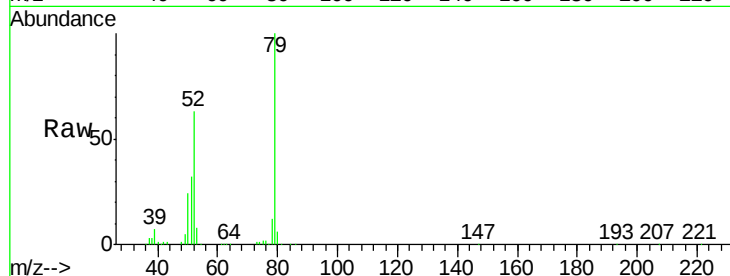
ClientSampleId :

PB88797BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 474280 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 63.2  | 52.6  | 79.0   |
| 51       | 31.7  | 25.8  | 38.8   |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#4

n-Nitrosodimethylamine

Concen: 27.42 ng

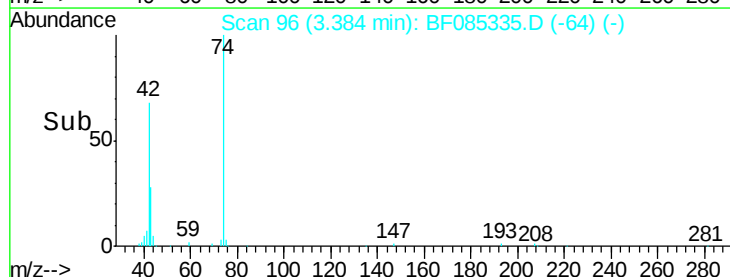
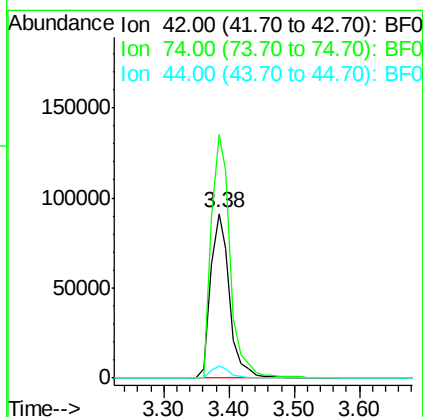
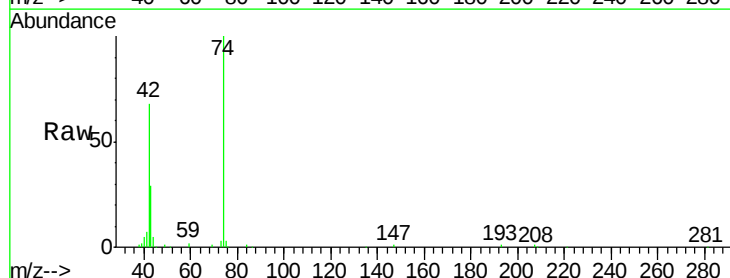
RT: 3.38 min Scan# 96

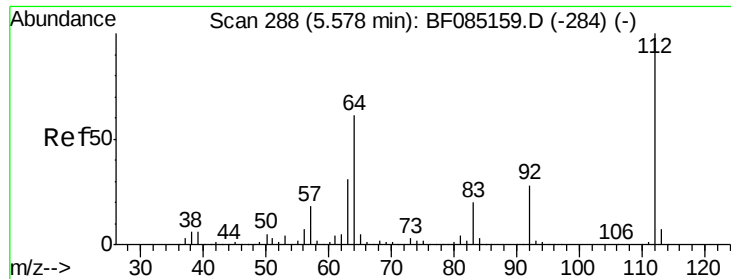
Delta R.T. 0.07 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 187291 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 147.7 | 116.8 | 175.2  |
| 44       | 6.9   | 5.5   | 8.3    |





#5

2-Fluorophenol

Concen: 94.67 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

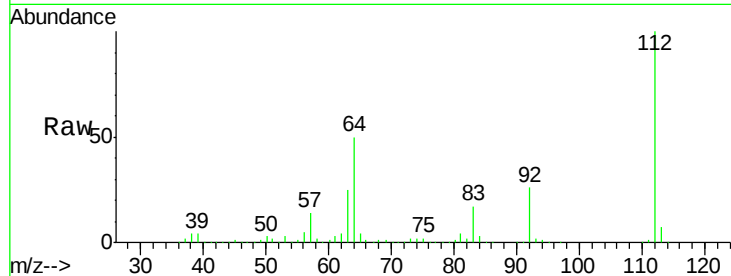
ClientSampled :

PB88797BSD

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 112   | Resp: | 1180469 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 50.4  | 49.0  | 73.4    |
| 63       | 25.3  | 24.8  | 37.2    |

Manual Integrations  
APPROVED

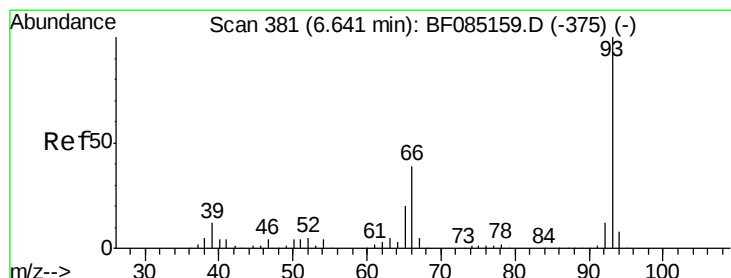
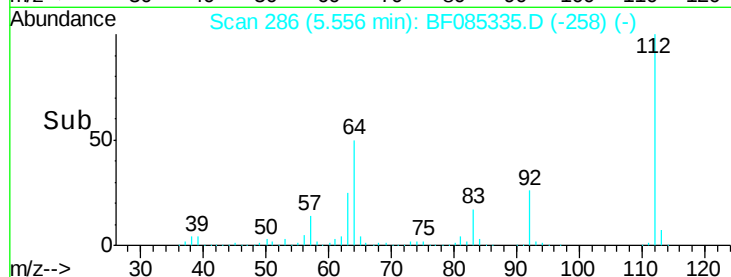
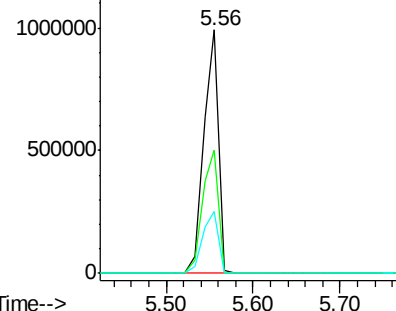
Sohil  
3/11/2016 4:58:18 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.88 ng

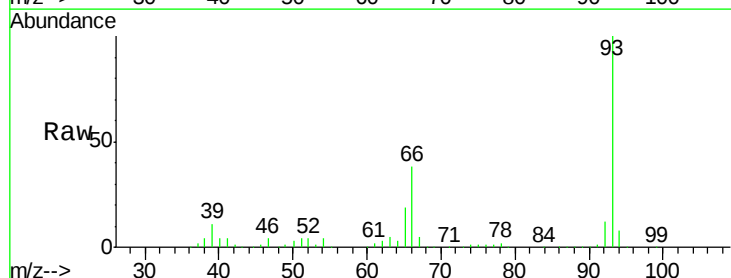
RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

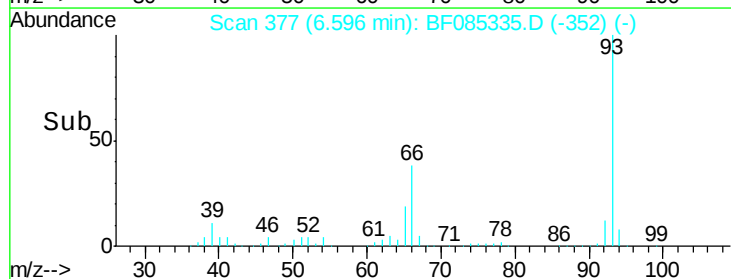
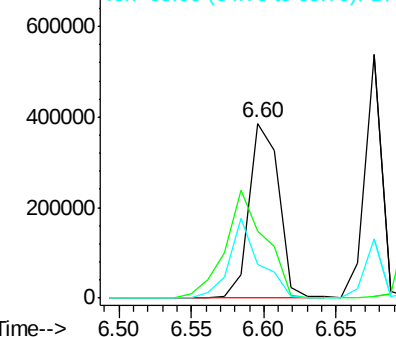
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 546830 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 38.4  | 31.6  | 47.4   |
| 65       | 19.0  | 15.8  | 23.8   |

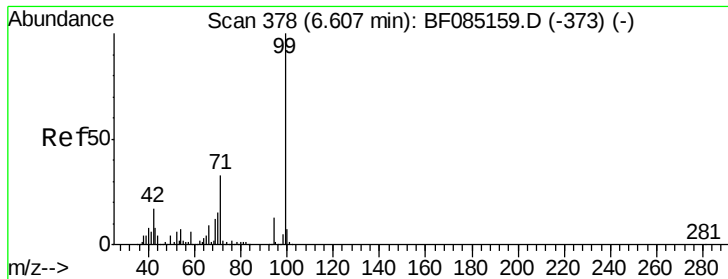


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 89.19 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF085335.D

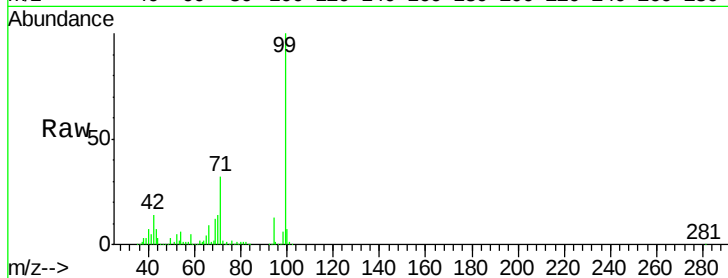
Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

ClientSampleId :

PB88797BSD



Tgt Ion: 99 Resp: 1457016

Ion Ratio Lower Upper

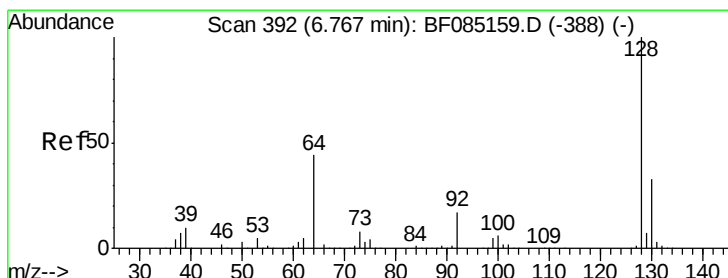
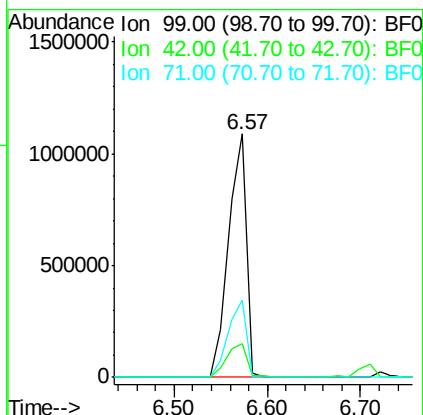
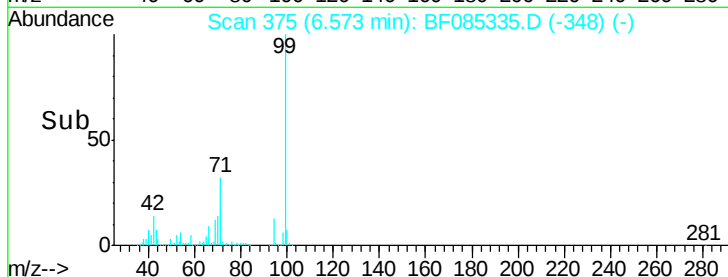
99 100

42 14.1 13.6 20.4

71 31.7 26.7 40.1

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#8

2-Chlorophenol

Concen: 28.07 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

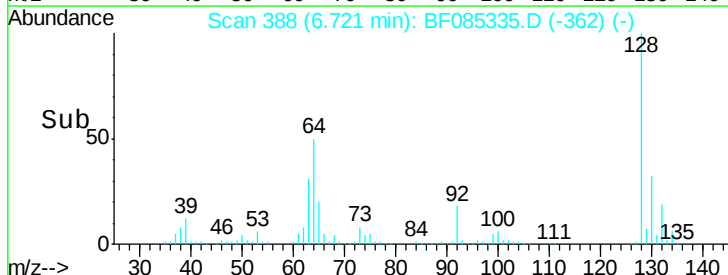
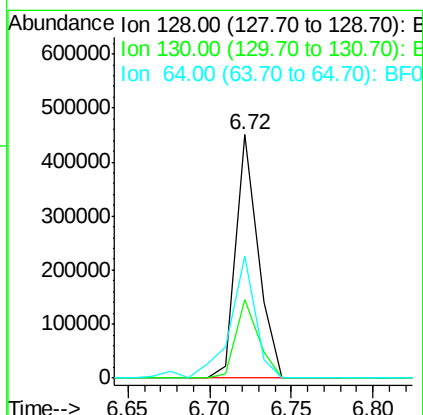
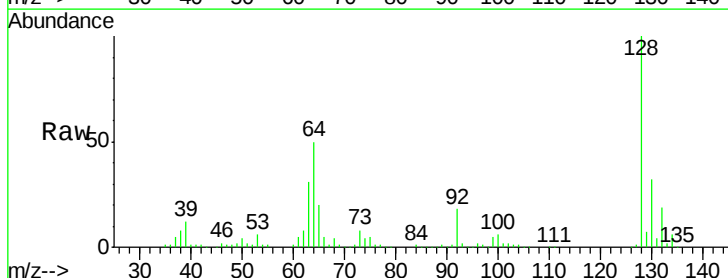
Tgt Ion: 128 Resp: 421445

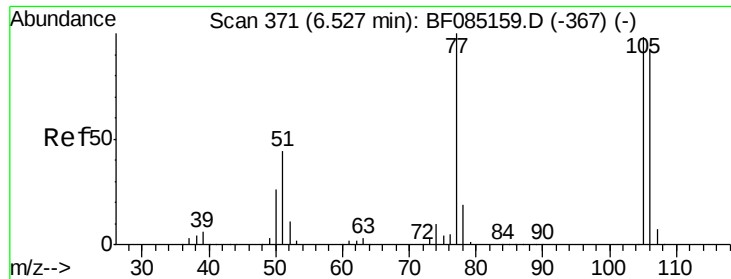
Ion Ratio Lower Upper

128 100

130 32.2 13.3 53.3

64 50.2 25.7 65.7





#9

Benzaldehyde

Concen: 11.27 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

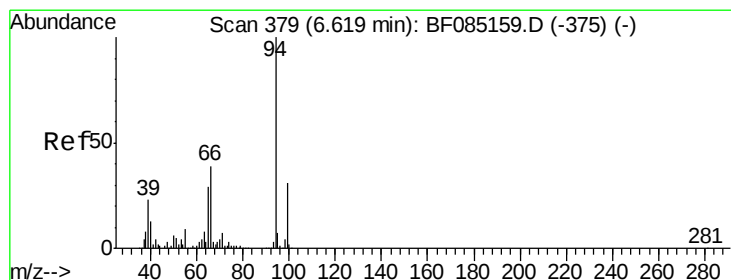
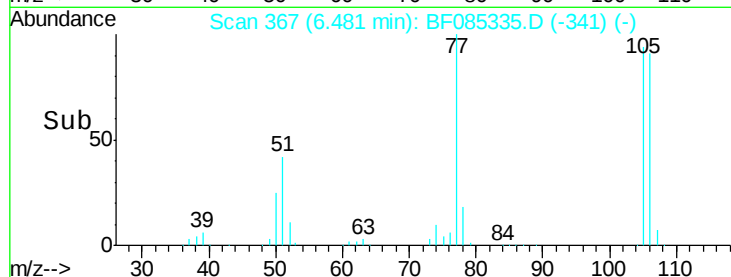
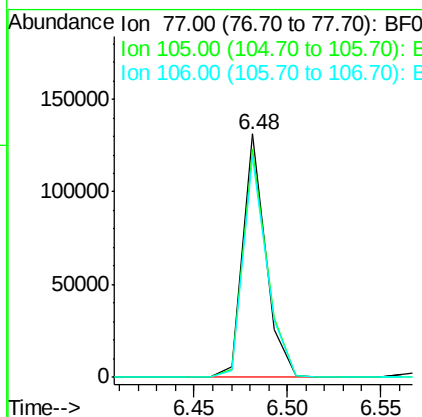
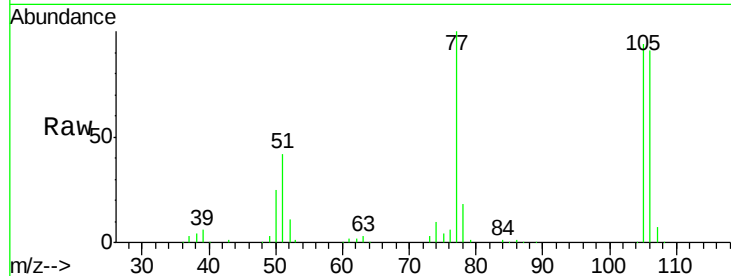
ClientSampleId :

PB88797BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 112818 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 93.8  | 78.2  | 118.2  |
| 106       | 90.7  | 72.9  | 112.9  |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#10

Phenol

Concen: 36.11 ng

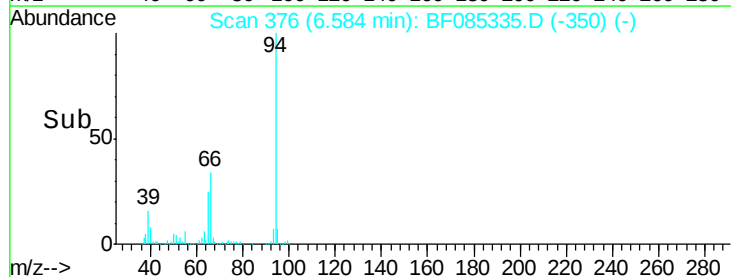
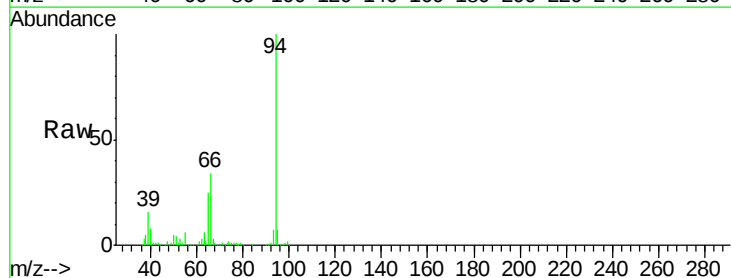
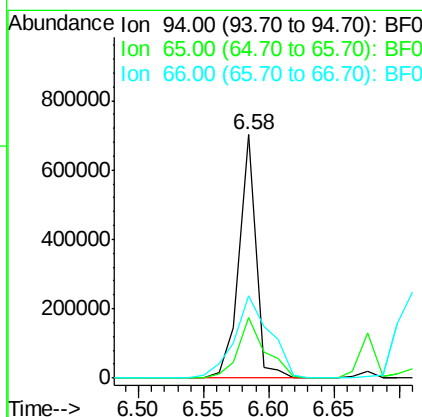
RT: 6.58 min Scan# 376

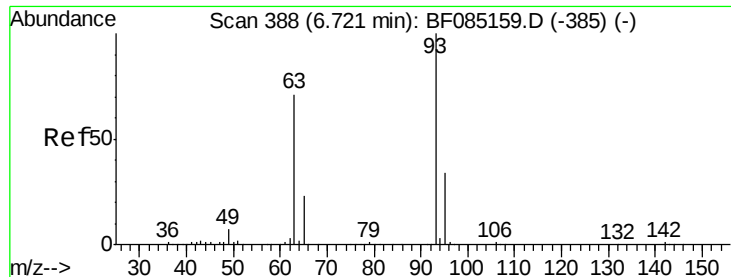
Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 631837 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 24.9  | 9.1   | 49.1   |
| 66        | 33.9  | 19.3  | 59.3   |





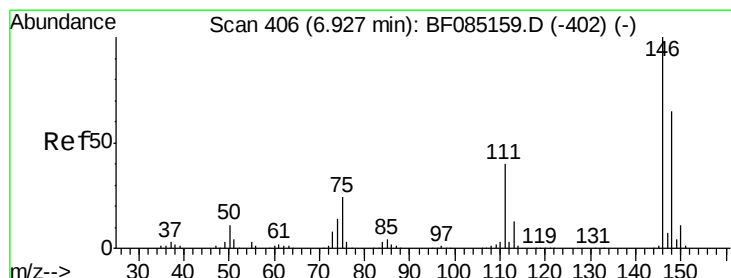
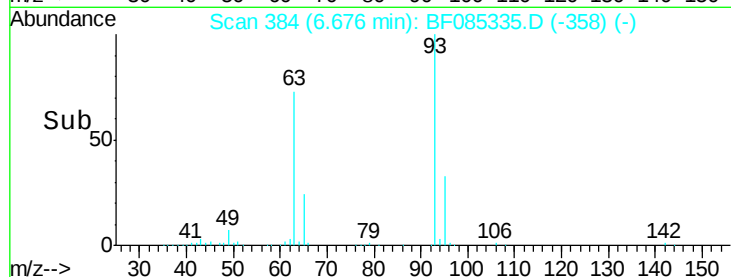
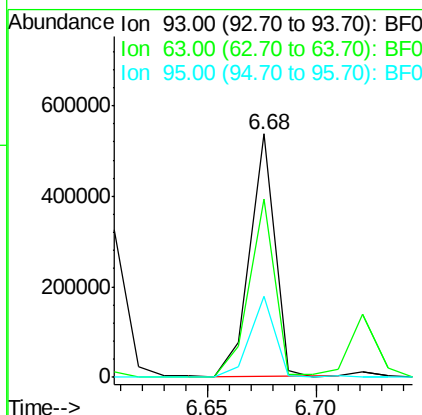
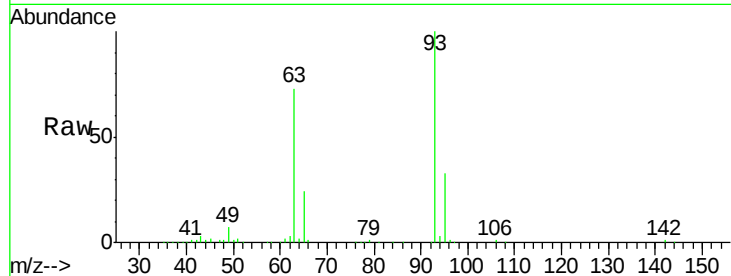
#11  
bis(2-Chloroethyl)ether  
Concen: 29.43 ng  
RT: 6.68 min Scan# 384  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 427637 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 73.4  | 50.9  | 90.9   |
| 95       | 33.3  | 13.7  | 53.7   |

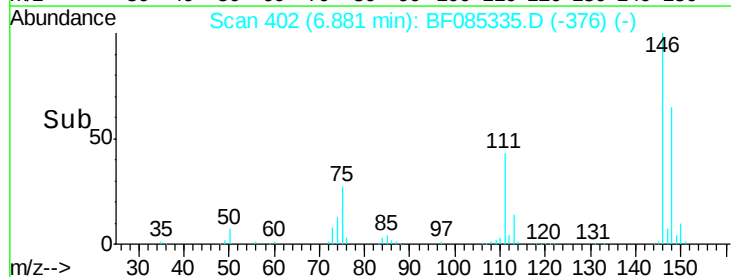
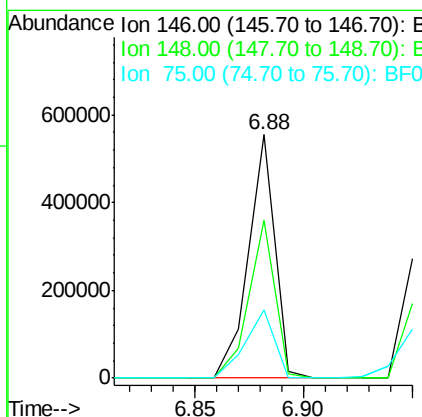
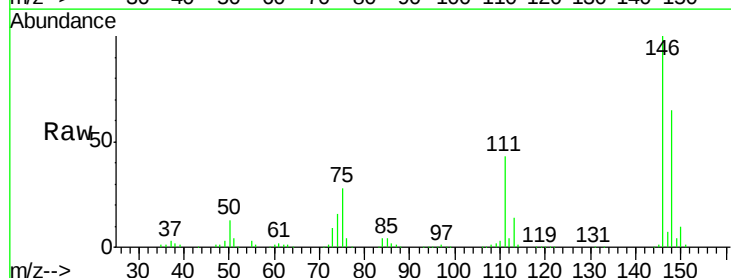
Manual Integrations  
APPROVED

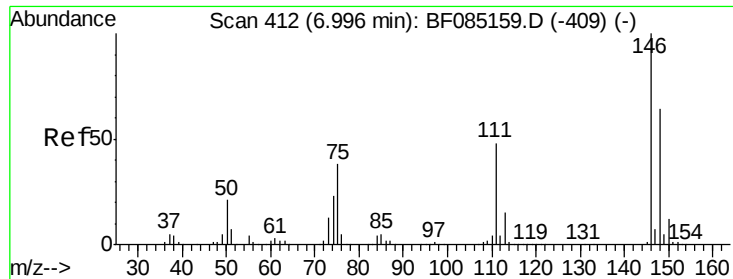
Sohil  
3/11/2016 4:58:18 PM



#12  
1,3-Dichlorobenzene  
Concen: 29.01 ng  
RT: 6.88 min Scan# 402  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 467516 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.7  | 52.1  | 78.1   |
| 75       | 28.0  | 19.5  | 29.3   |





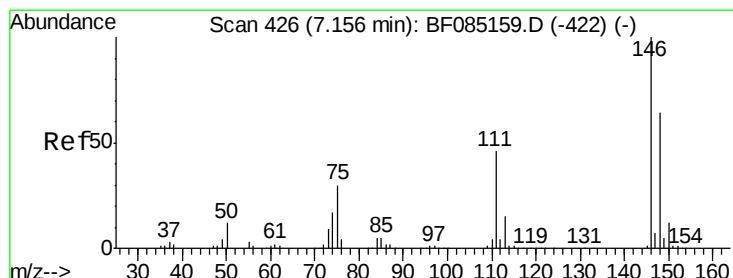
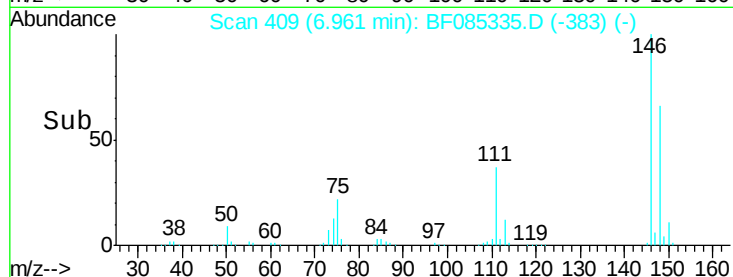
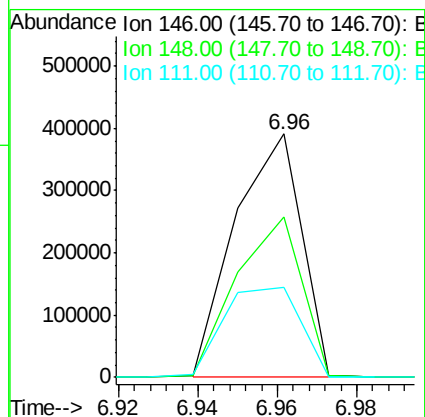
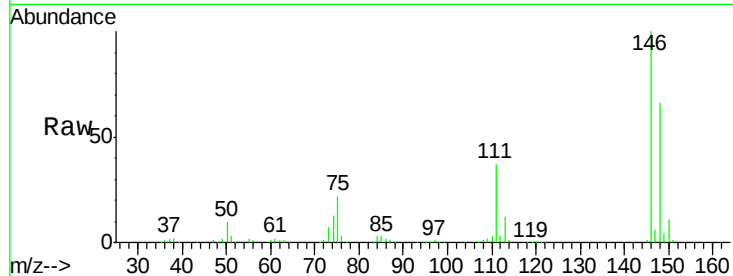
#13  
1,4-Dichlorobenzene  
Concen: 28.26 ng m  
RT: 6.96 min Scan# 409  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 51.3  | 76.9  |
| 111     | 37.1  | 38.4  | 57.6# |

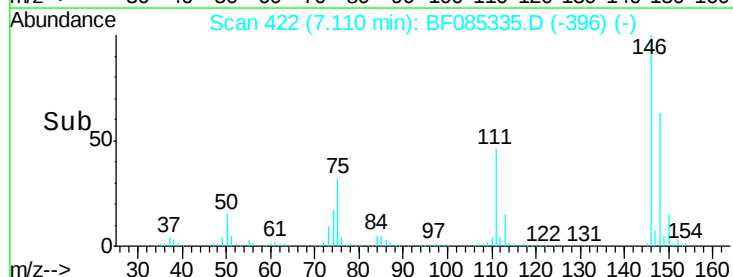
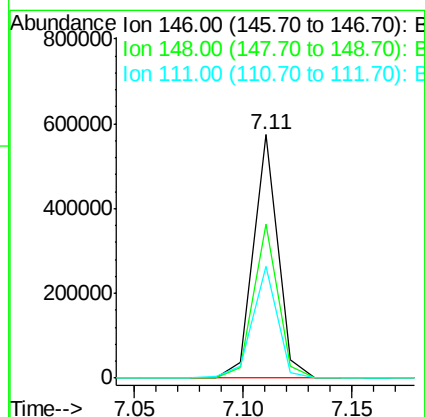
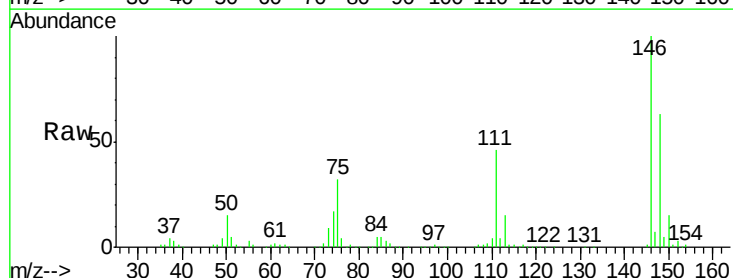
Manual Integrations  
APPROVED

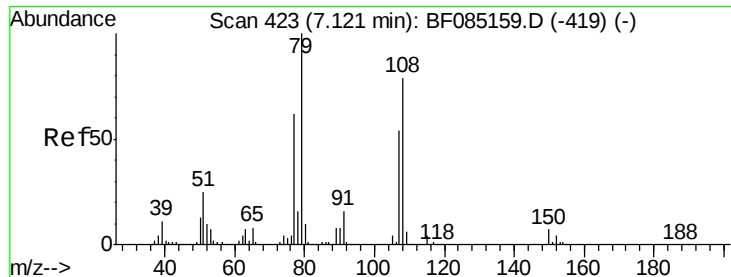
Sohil  
3/11/2016 4:58:18 PM



#14  
1,2-Dichlorobenzene  
Concen: 30.72 ng  
RT: 7.11 min Scan# 422  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.4  | 77.2  |
| 111     | 46.1  | 36.7  | 55.1  |





#15

Benzyl Alcohol

Concen: 29.75 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

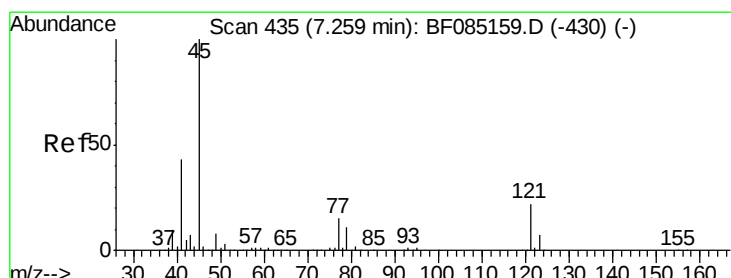
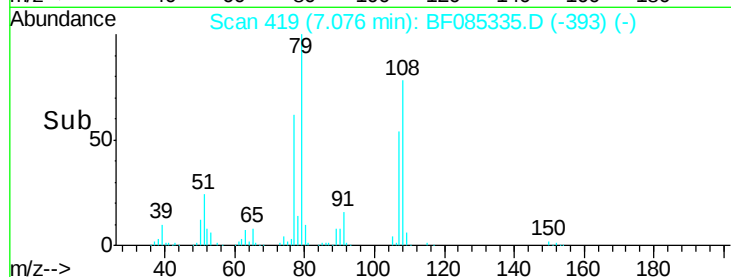
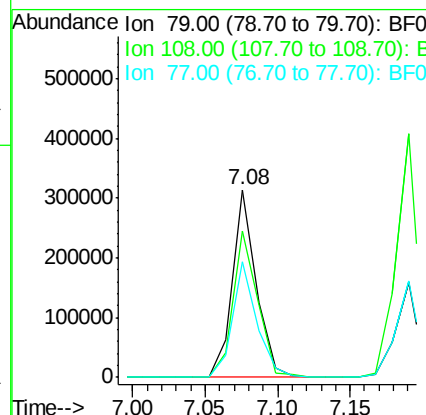
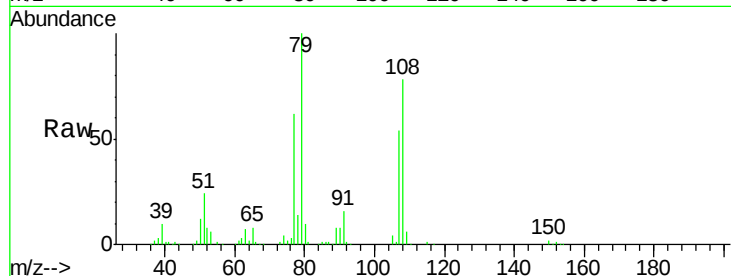
ClientSampleId :

PB88797BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 356819 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 77.9  | 62.9  | 94.3   |
| 77        | 61.6  | 49.5  | 74.3   |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.27 ng

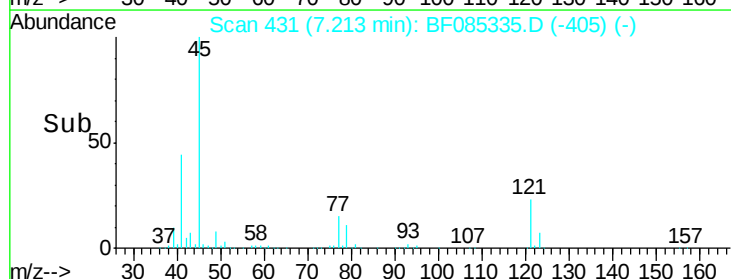
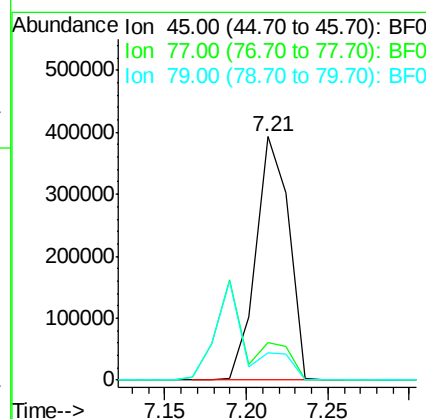
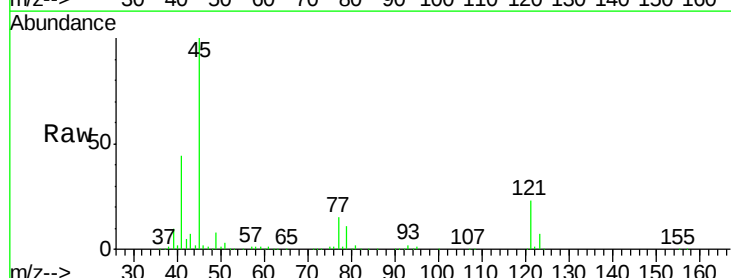
RT: 7.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 550229 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.4  | 0.0   | 35.1   |
| 79        | 11.4  | 0.0   | 31.3   |





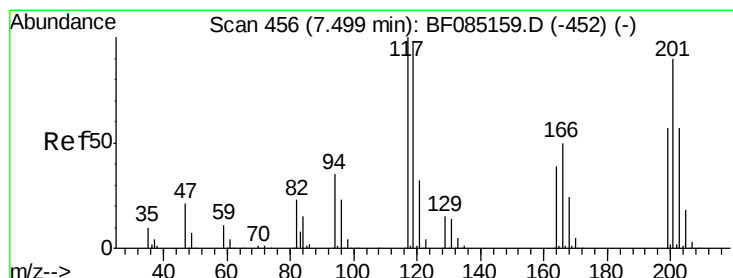
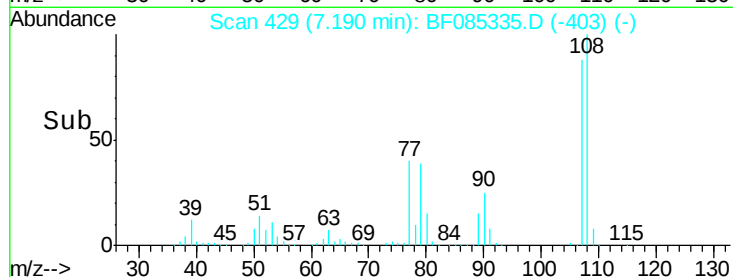
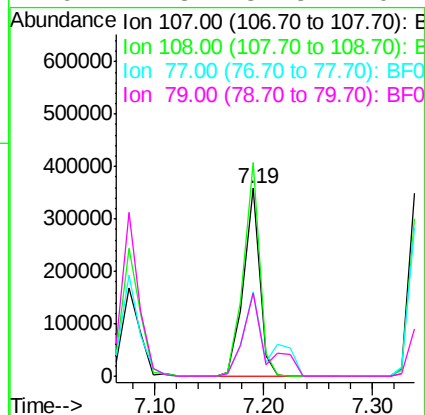
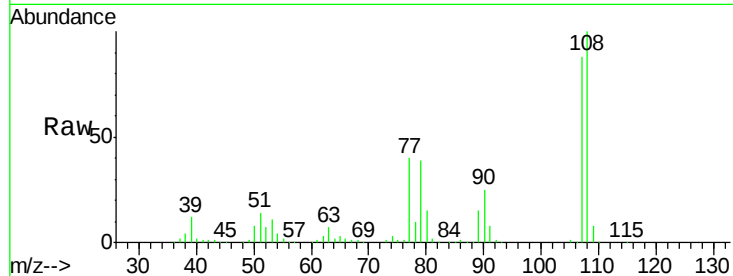
#17  
2-Methylphenol  
Concen: 29.76 ng  
RT: 7.19 min Scan# 429  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 364532 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.5 | 90.9  | 136.3  |
| 77        | 45.1  | 32.6  | 48.8   |
| 79        | 44.3  | 32.8  | 49.2   |

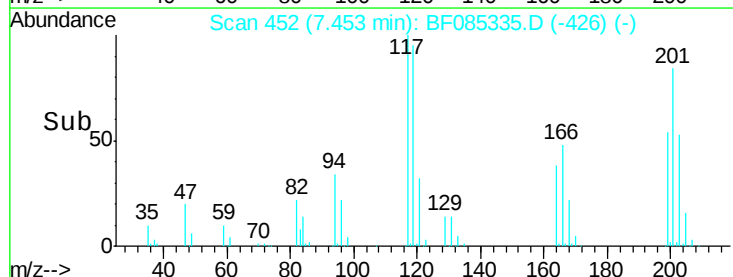
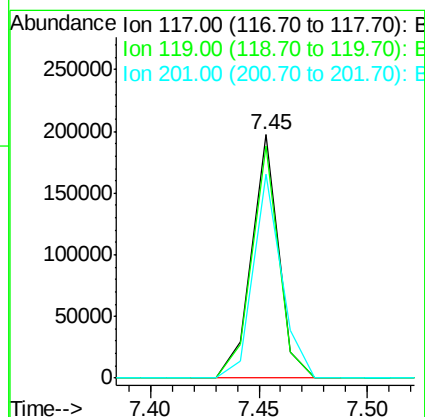
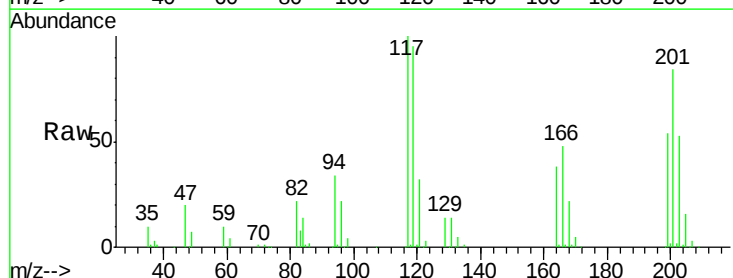
Manual Integrations  
APPROVED

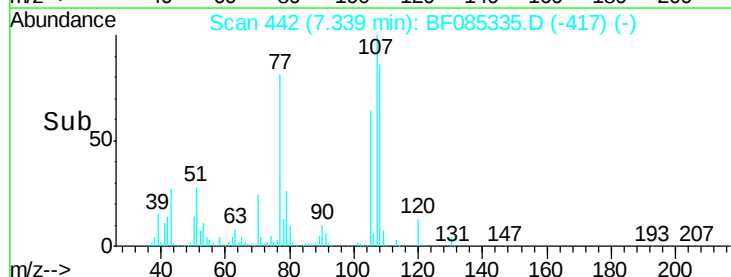
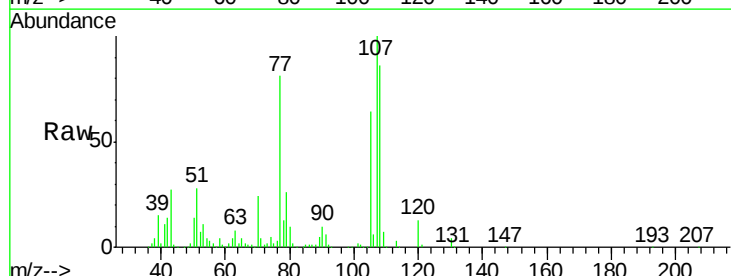
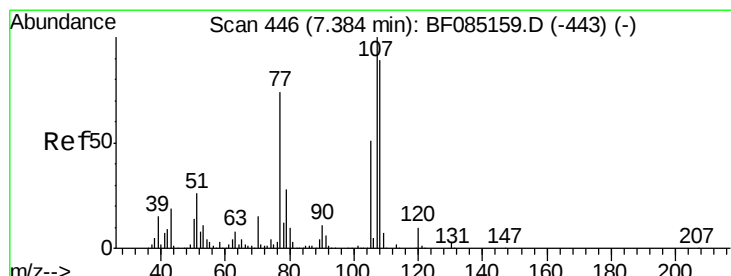
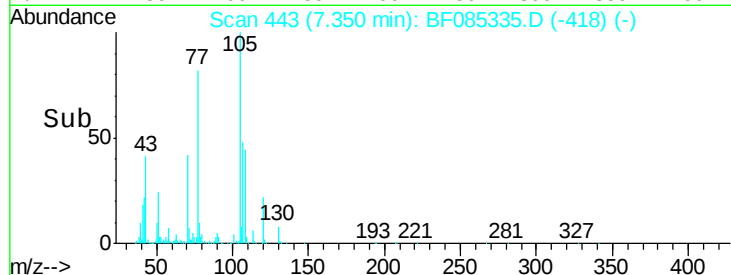
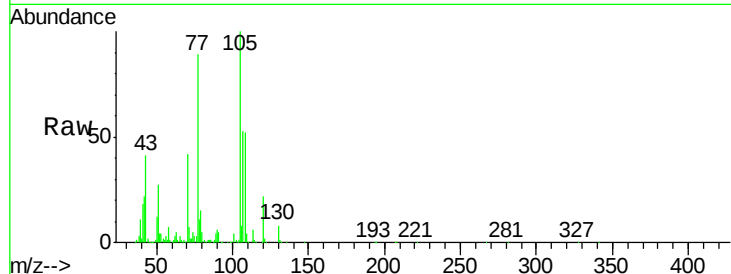
Sohil  
3/11/2016 4:58:18 PM



#18  
Hexachloroethane  
Concen: 28.51 ng  
RT: 7.45 min Scan# 452  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 169886 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 95.2  | 78.2  | 117.4  |
| 201       | 83.7  | 72.0  | 108.0  |





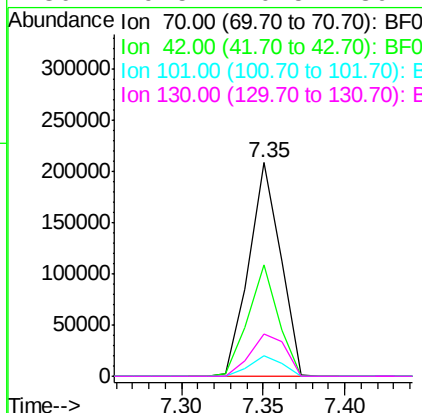
#19  
n-Nitroso-di-n-propylamine  
Concen: 26.44 ng  
RT: 7.35 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 70      | 100  |       | 281502 |       |       |
| 42      | 51.9 | 37.7  | 56.5   |       |       |
| 101     | 9.4  | 8.2   | 12.4   |       |       |
| 130     | 19.5 | 20.5  | 30.7#  |       |       |

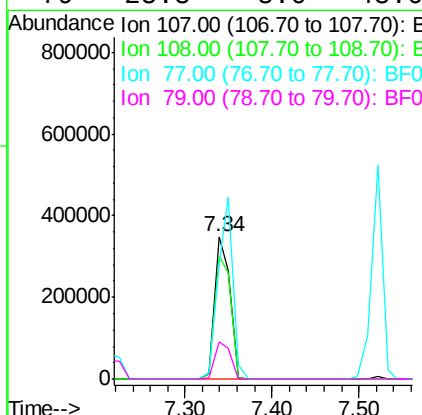
Manual Integrations  
APPROVED

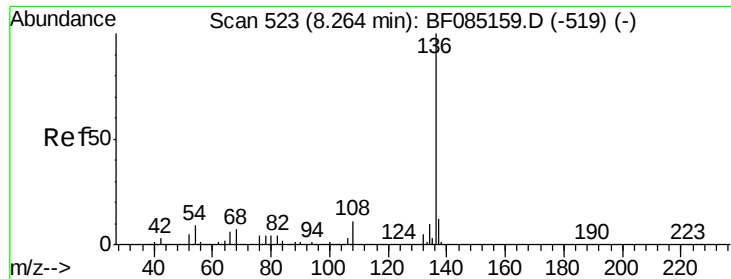
Sohil  
3/11/2016 4:58:18 PM



#20  
3+4-Methylphenols  
Concen: 30.17 ng  
RT: 7.34 min Scan# 442  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 437708 |       |       |
| 108     | 85.9 | 68.8  | 108.8  |       |       |
| 77      | 81.1 | 53.6  | 93.6   |       |       |
| 79      | 25.8 | 8.0   | 48.0   |       |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF085335.D

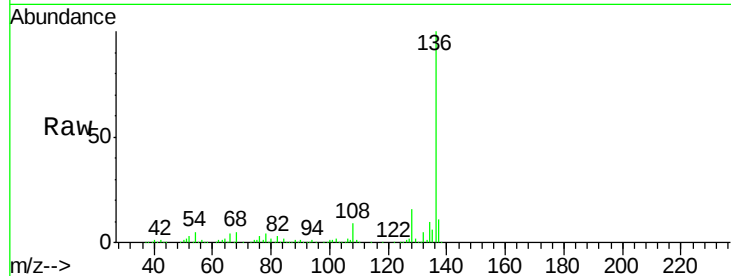
Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

ClientSampleId :

PB88797BSD



Tgt Ion:136 Resp: 860363

Ion Ratio Lower Upper

136 100

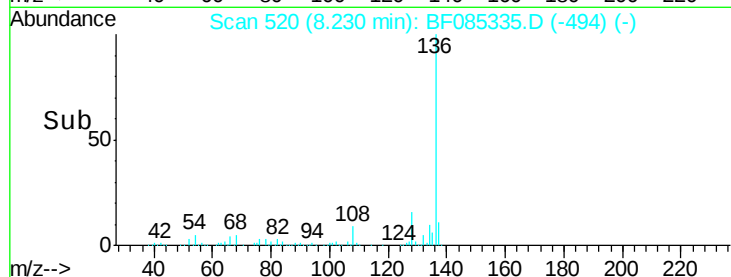
137 10.8 9.3 13.9

54 5.3 7.4 11.2#

68 4.7 6.0 9.0#

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM

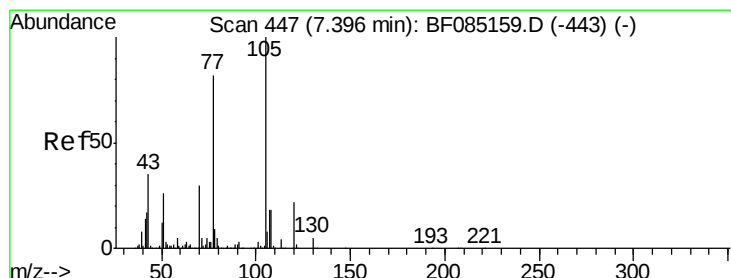
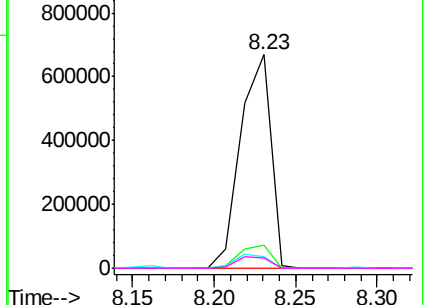


Abundance Ion 136.00 (135.70 to 136.70): E

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: 26.08 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Tgt Ion:105 Resp: 547736

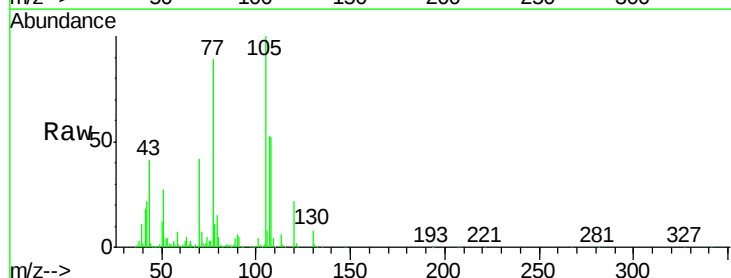
Ion Ratio Lower Upper

105 100

71 6.9 4.1 6.1#

51 26.9 21.1 31.7

120 21.5 17.3 25.9

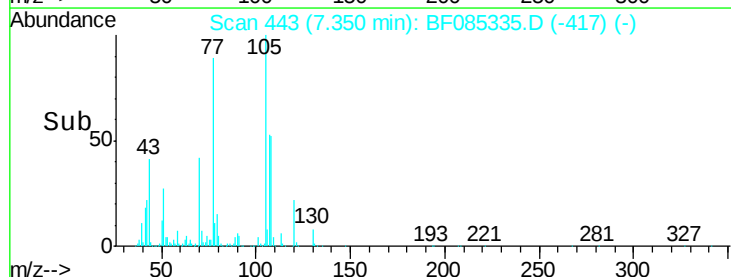
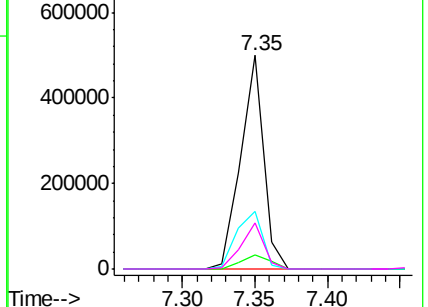


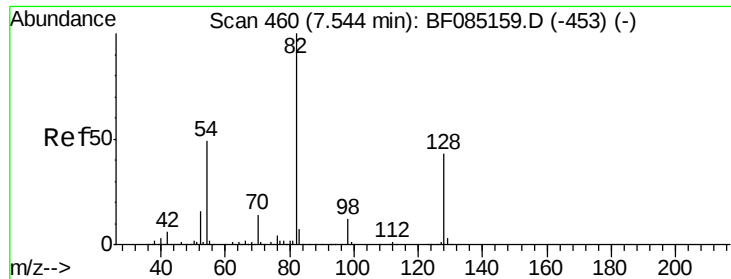
Abundance Ion 105.00 (104.70 to 105.70): E

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





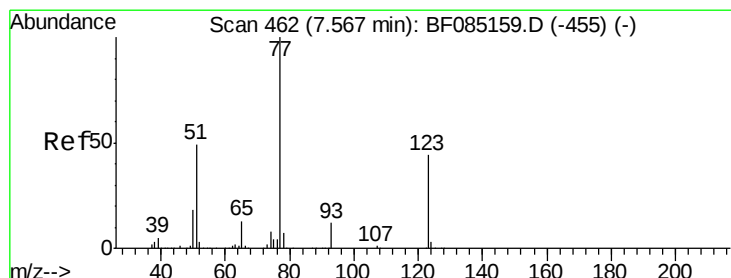
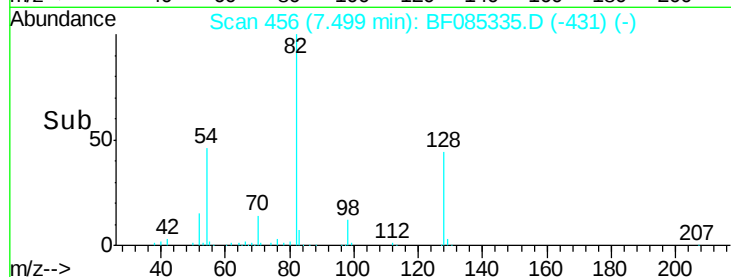
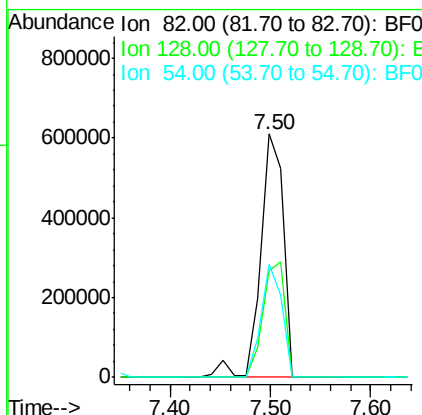
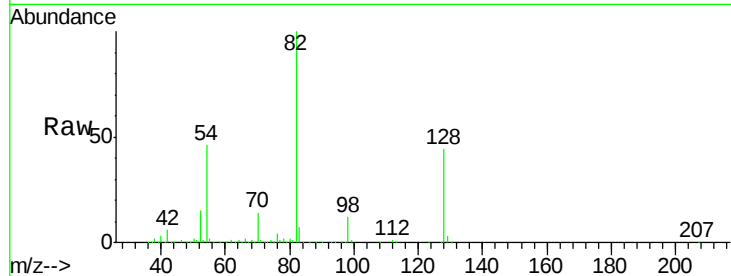
#23  
Nitrobenzene-d5  
Concen: 59.31 ng  
RT: 7.50 min Scan# 456  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.8  | 34.5  | 51.7  |
| 54      | 46.5  | 39.3  | 58.9  |

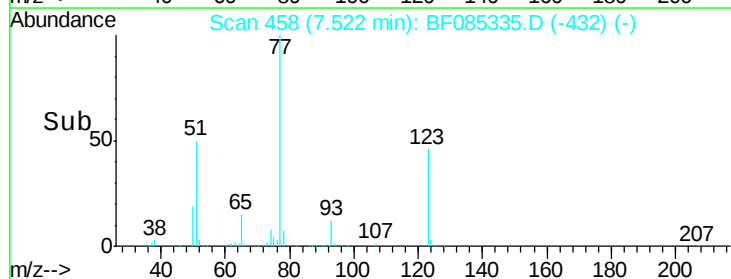
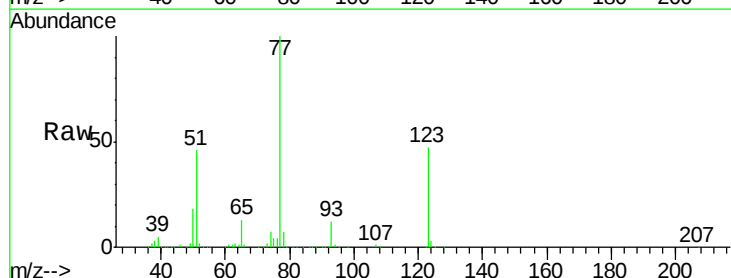
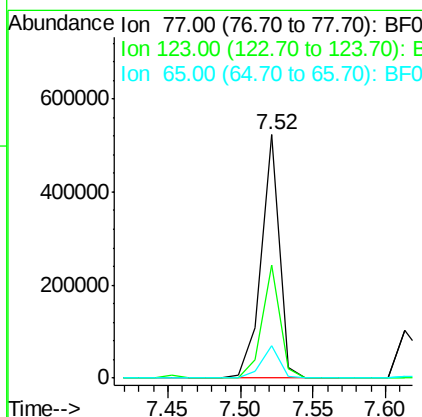
Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#24  
Nitrobenzene  
Concen: 27.74 ng  
RT: 7.52 min Scan# 458  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.6  | 35.4  | 53.2  |
| 65      | 13.1  | 10.6  | 16.0  |





#25

Isophorone

Concen: 28.03 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

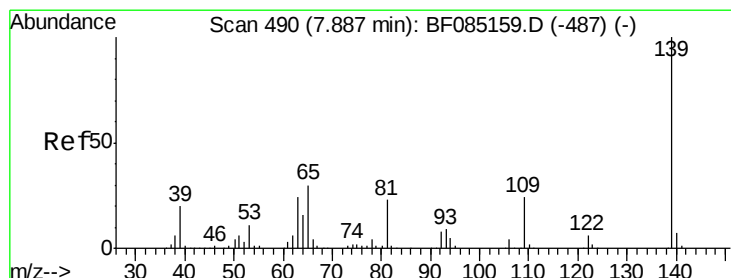
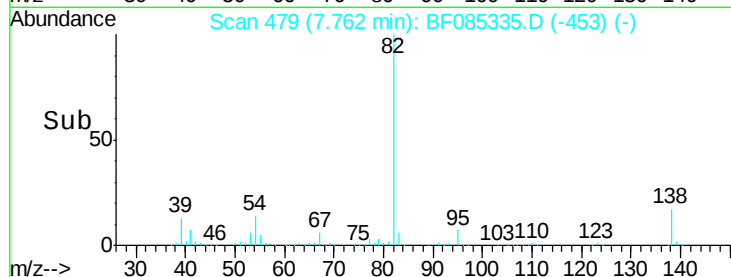
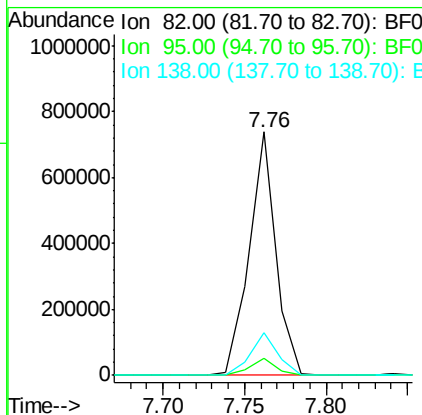
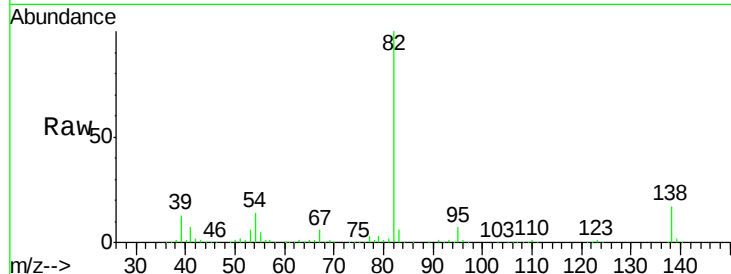
ClientSampleId :

PB88797BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 835164 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.0  | 5.4   | 8.2    |
| 138       | 17.3 | 13.3  | 19.9   |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#26

2-Nitrophenol

Concen: 31.28 ng

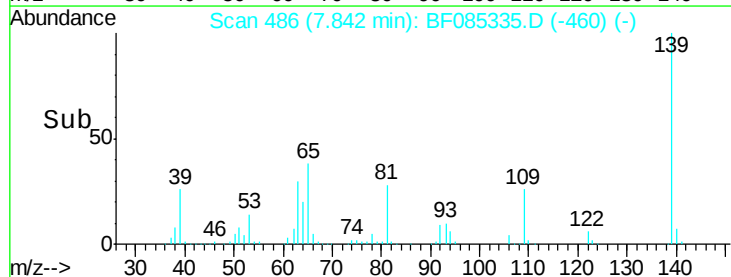
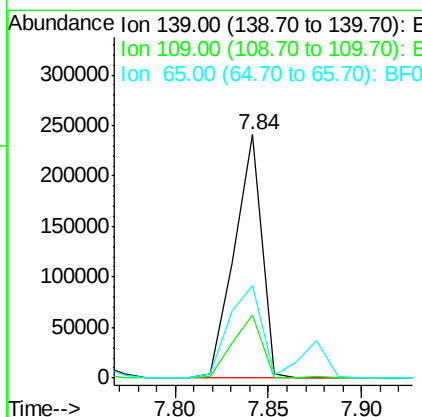
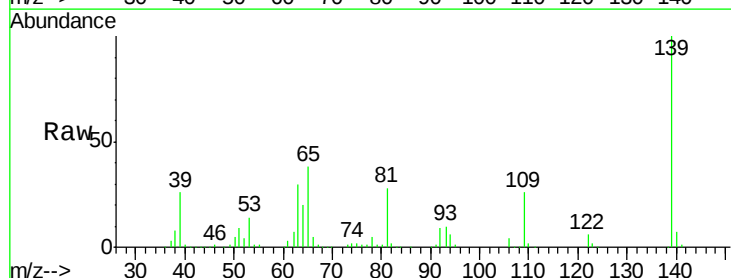
RT: 7.84 min Scan# 486

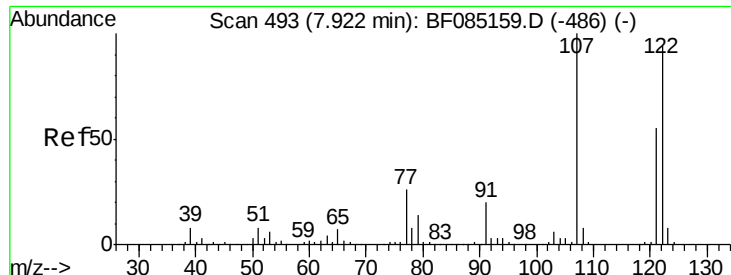
Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 248587 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 25.9 | 19.1  | 28.7   |
| 65        | 38.1 | 23.9  | 35.9#  |





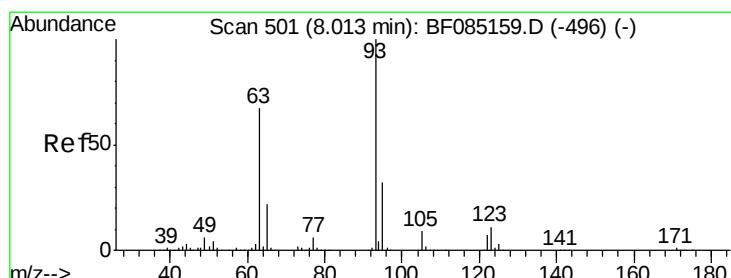
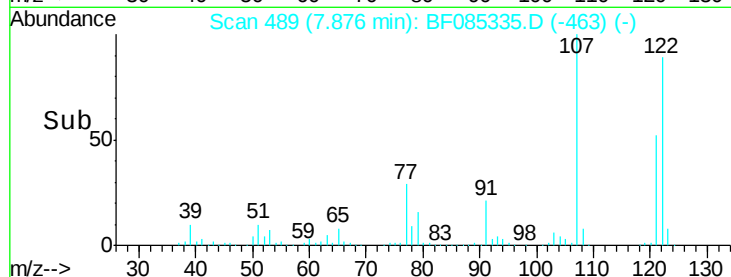
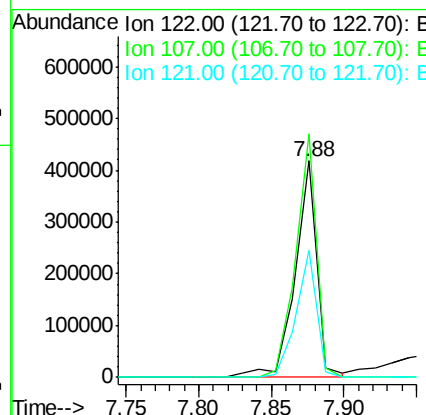
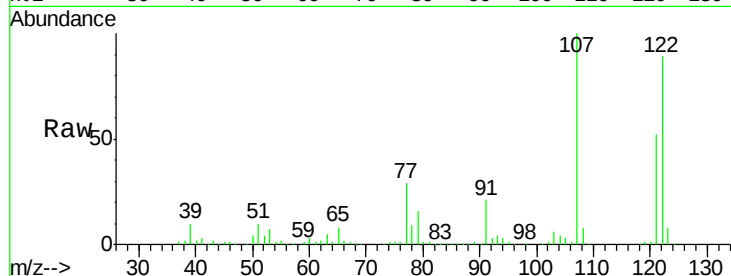
#27  
 2,4-Dimethylphenol  
 Concen: 29.83 ng  
 RT: 7.88 min Scan# 489  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 433375 |       |       |
| 107     | 112.6 | 84.8   | 127.2 |       |
| 121     | 58.8  | 47.0   | 70.6  |       |

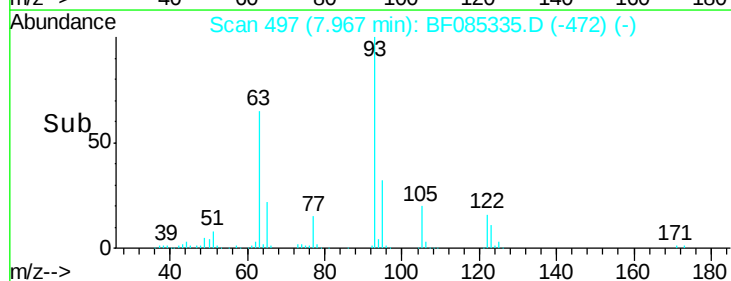
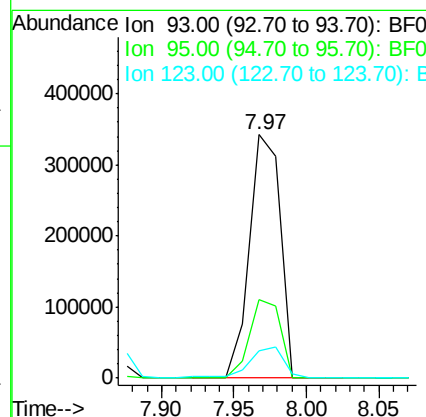
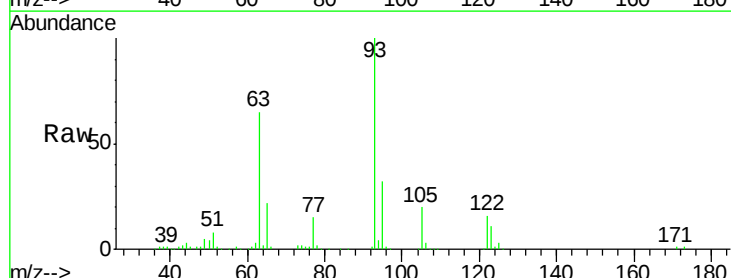
Manual Integrations  
 APPROVED

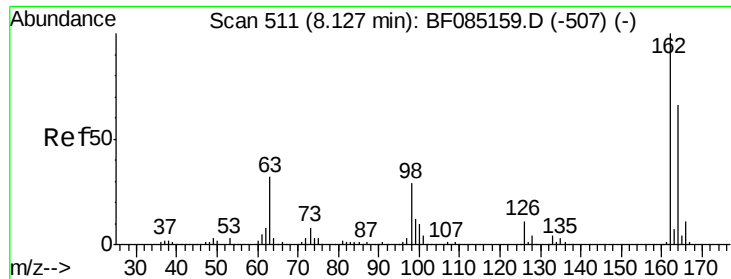
Sohil  
 3/11/2016 4:58:18 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 30.24 ng  
 RT: 7.97 min Scan# 497  
 Delta R.T. -0.01 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 501764 |       |       |
| 95      | 32.4  | 25.9   | 38.9  |       |
| 123     | 11.4  | 8.8    | 13.2  |       |





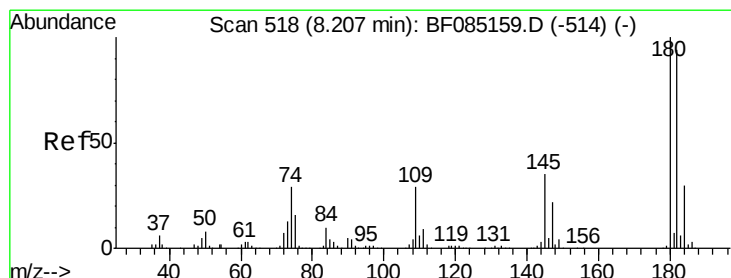
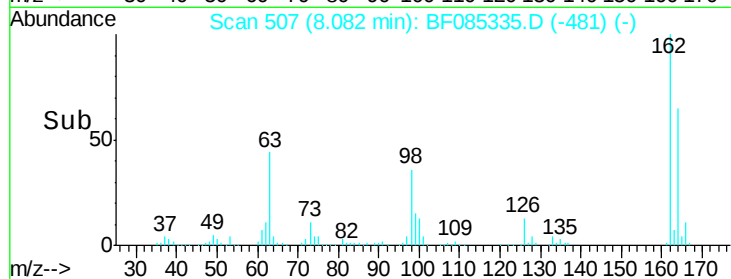
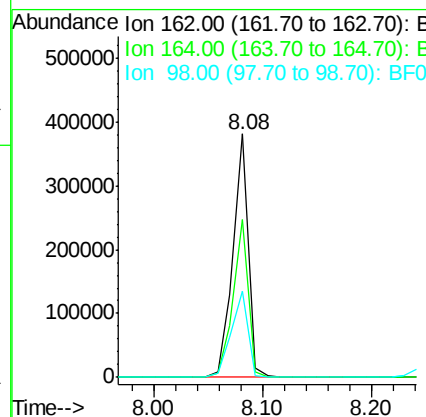
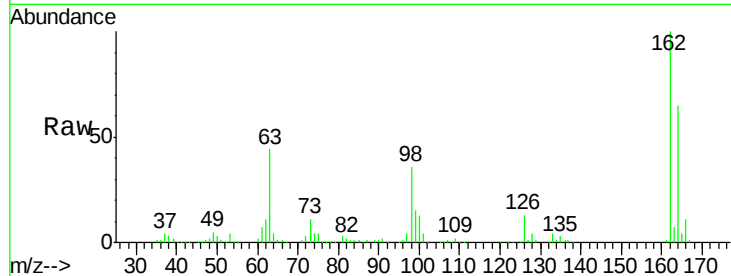
#29  
 2,4-Dichlorophenol  
 Concen: 31.58 ng  
 RT: 8.08 min Scan# 507  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 369957 |       |       |
| 164     | 64.9  | 45.7   | 85.7  |       |
| 98      | 35.6  | 9.4    | 49.4  |       |

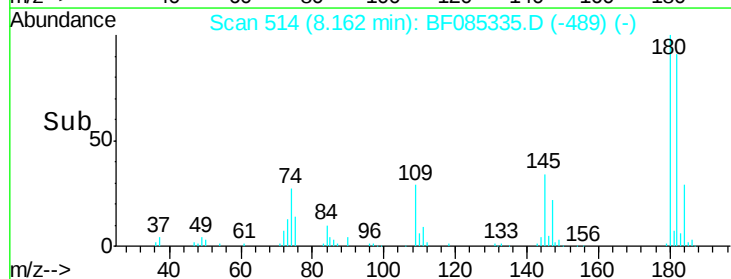
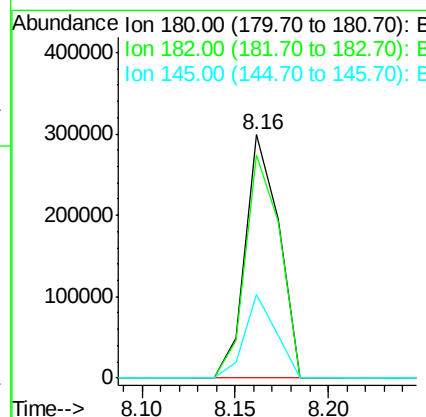
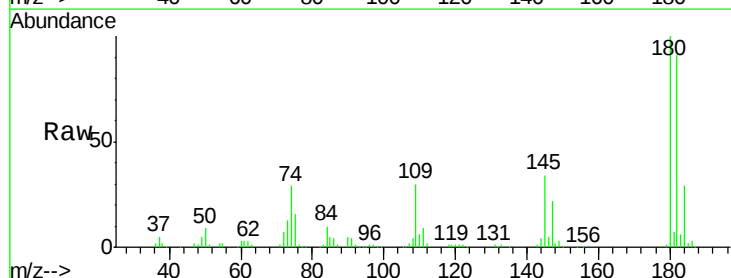
Manual Integrations  
 APPROVED

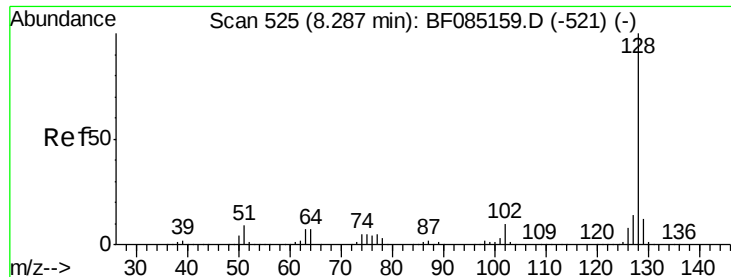
Sohil  
 3/11/2016 4:58:18 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 29.52 ng  
 RT: 8.16 min Scan# 514  
 Delta R.T. -0.01 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 373837 |       |       |
| 182     | 91.4  | 74.9   | 112.3 |       |
| 145     | 34.2  | 27.9   | 41.9  |       |





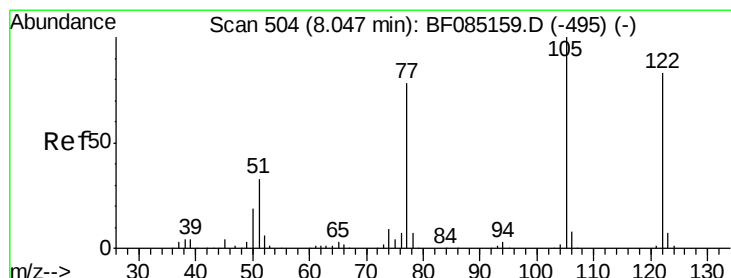
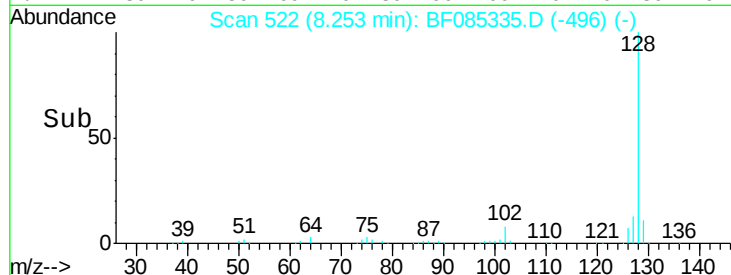
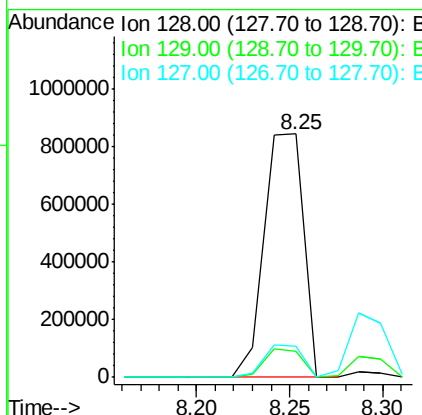
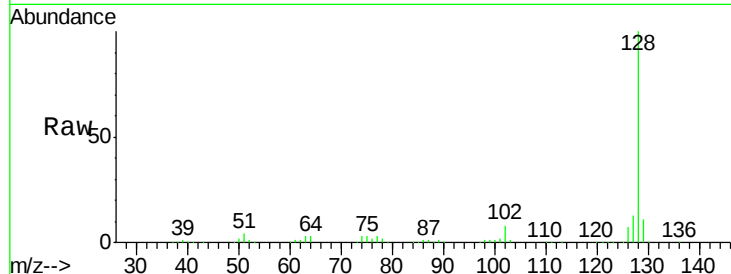
#31  
Naphthalene  
Concen: 29.05 ng  
RT: 8.25 min Scan# 522  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

Tgt Ion:128 Resp: 1229167  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.7 14.5  
127 13.0 11.2 16.8

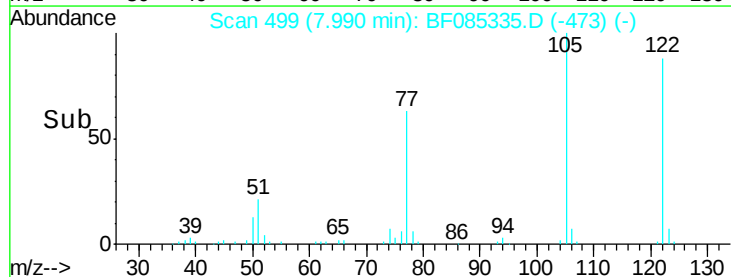
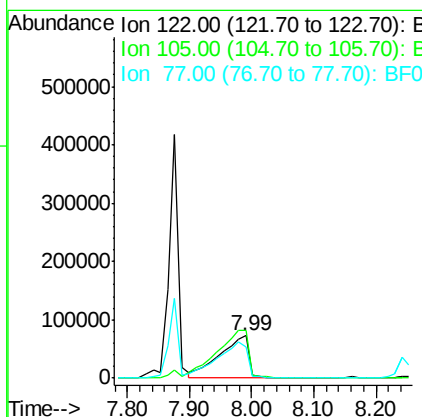
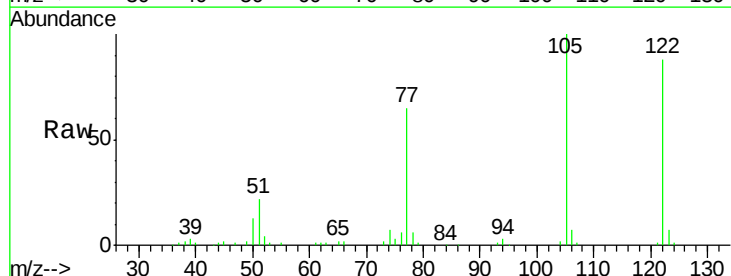
Manual Integrations  
APPROVED

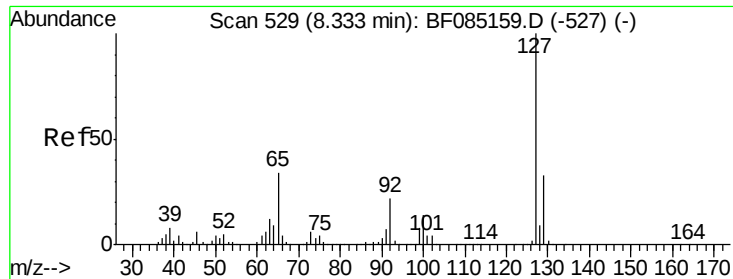
Sohil  
3/11/2016 4:58:18 PM



#32  
Benzoic acid  
Concen: 24.87 ng  
RT: 7.99 min Scan# 499  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Tgt Ion:122 Resp: 239971  
Ion Ratio Lower Upper  
122 100  
105 113.2 101.3 141.3  
77 73.3 74.7 114.7#





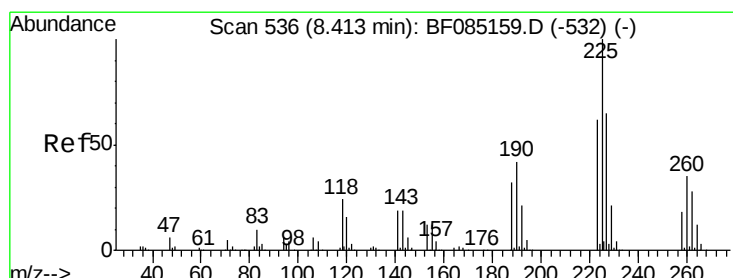
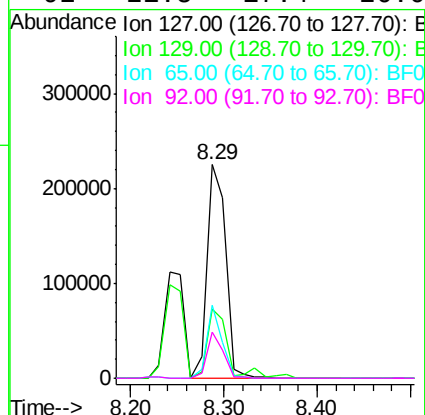
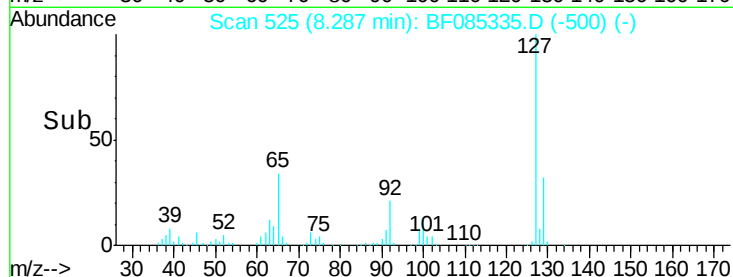
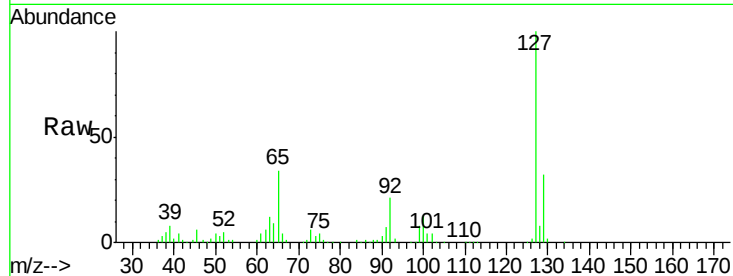
#33  
4-Chloroaniline  
Concen: 18.23 ng  
RT: 8.29 min Scan# 525  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 312011 |       |       |
| 129     | 32.2  | 26.1   | 39.1  |       |
| 65      | 34.0  | 27.0   | 40.6  |       |
| 92      | 21.5  | 17.4   | 26.0  |       |

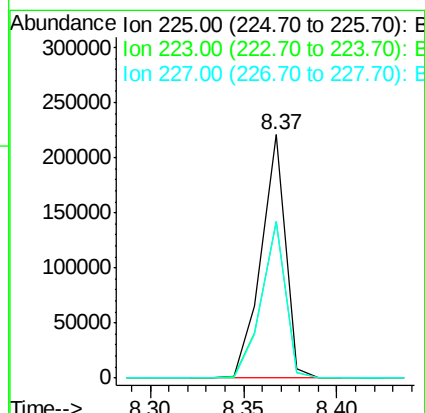
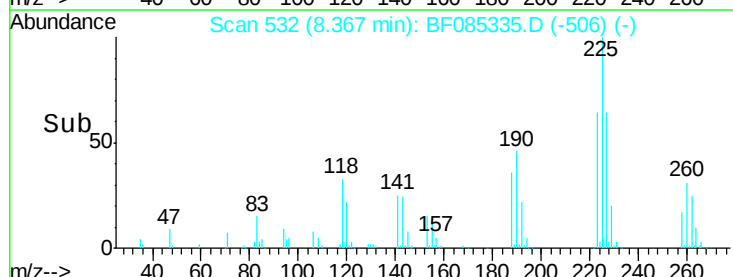
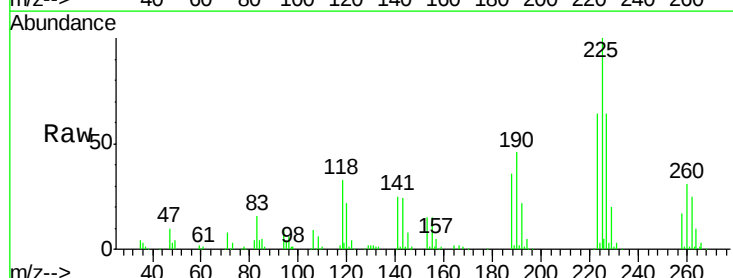
Manual Integrations  
APPROVED

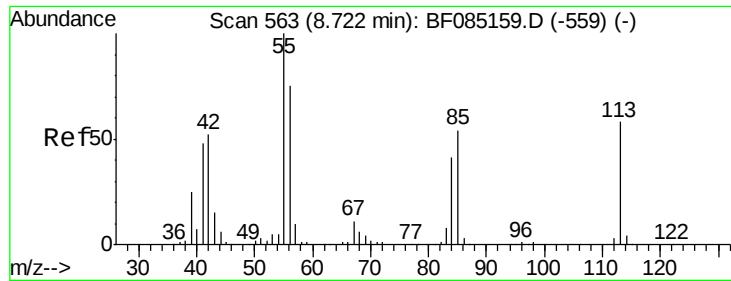
Sohil  
3/11/2016 4:58:18 PM



#34  
Hexachlorobutadiene  
Concen: 30.84 ng  
RT: 8.37 min Scan# 532  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 203244 |       |       |
| 223     | 64.2  | 49.7   | 74.5  |       |
| 227     | 64.2  | 52.2   | 78.4  |       |





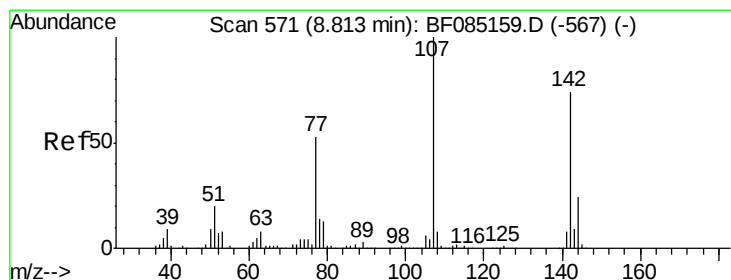
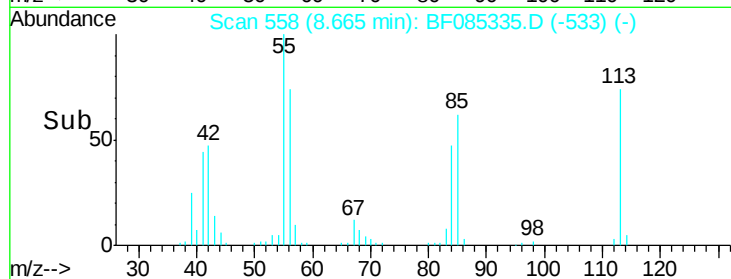
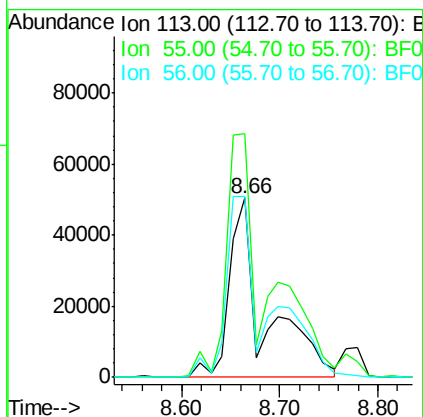
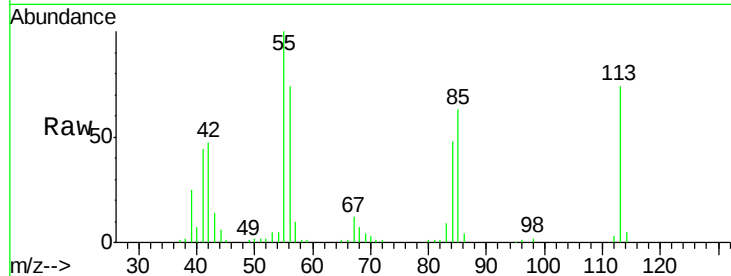
#35  
 Caprolactam  
 Concen: 32.57 ng m  
 RT: 8.66 min Scan# 558  
 Delta R.T. -0.01 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 135.7 | 152.7 | 192.7# |
| 56      | 100.8 | 109.0 | 149.0# |

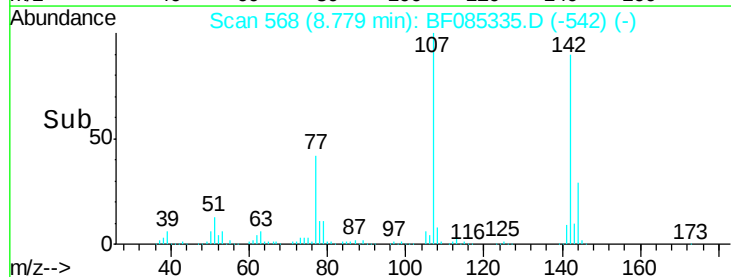
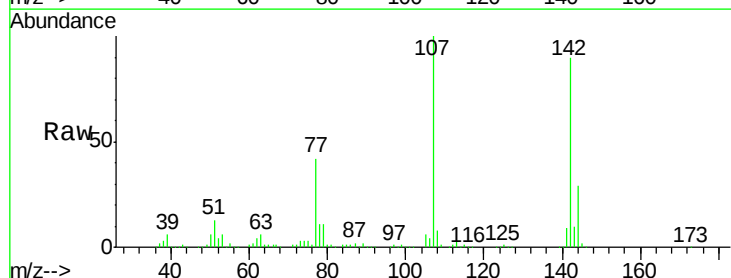
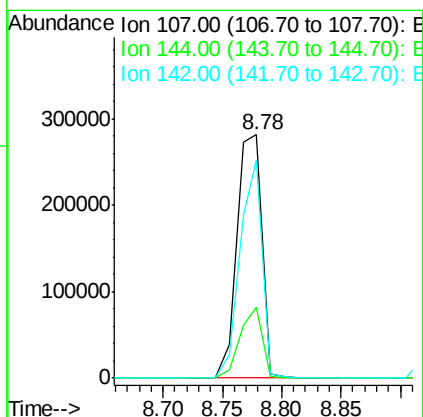
Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 31.12 ng  
 RT: 8.78 min Scan# 568  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.8  | 19.4  | 29.2  |
| 142     | 89.5  | 59.4  | 89.2# |





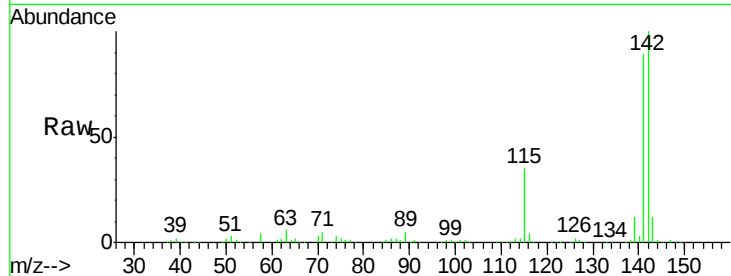
#37  
 2-Methylnaphthalene  
 Concen: 31.88 ng  
 RT: 8.94 min Scan# 582  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

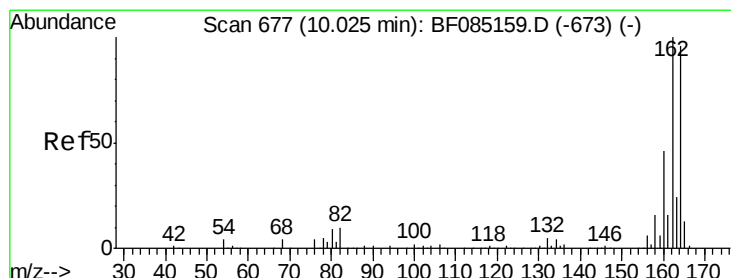
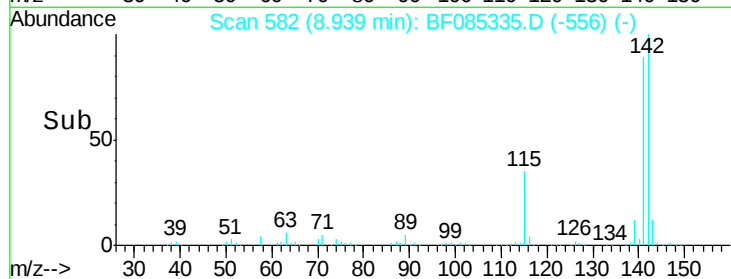
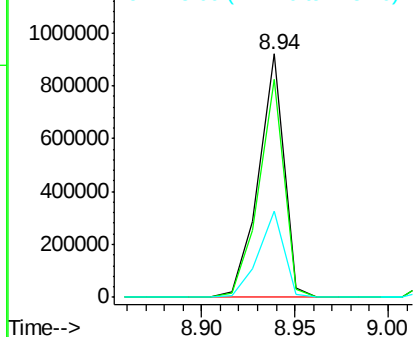
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.4  | 71.7  | 107.5 |
| 115     | 35.3  | 26.2  | 39.4  |

Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM

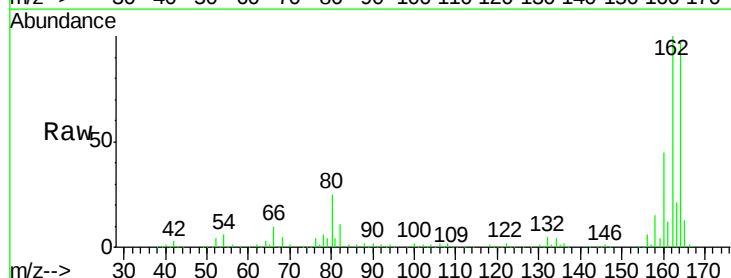


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

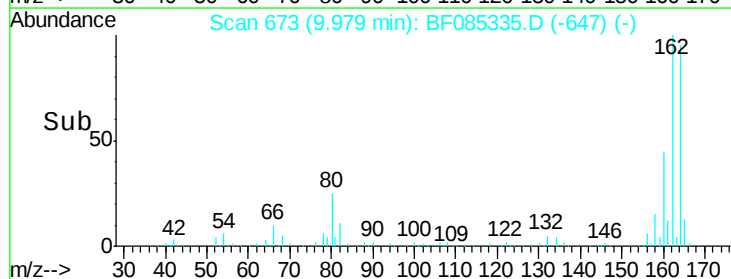
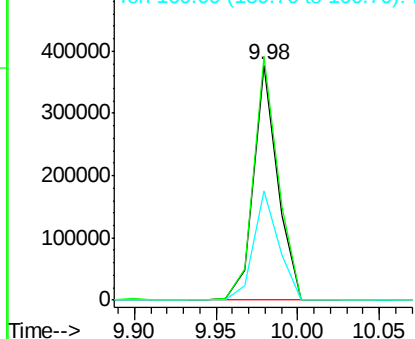


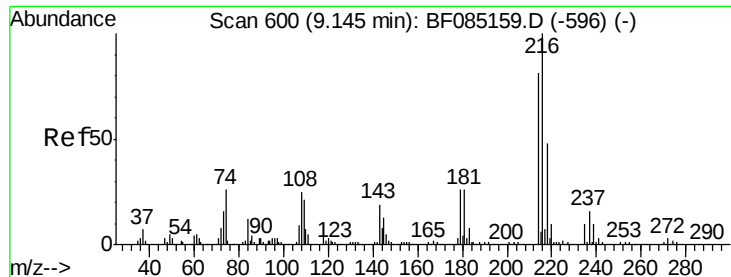
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.98 min Scan# 673  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.5 | 83.3  | 124.9 |
| 160     | 46.5  | 37.9  | 56.9  |



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





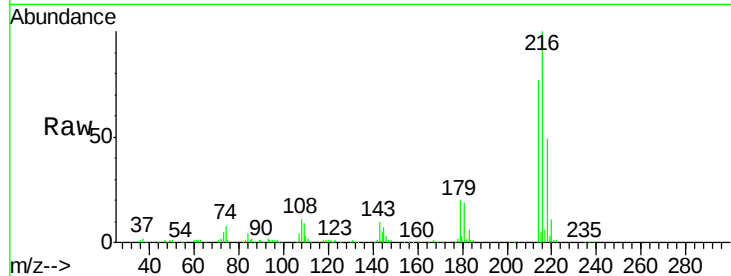
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 29.37 ng  
 RT: 9.11 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

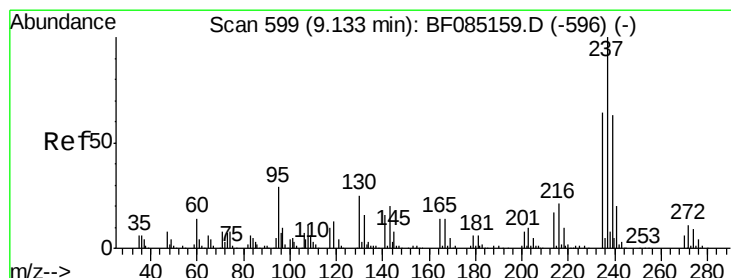
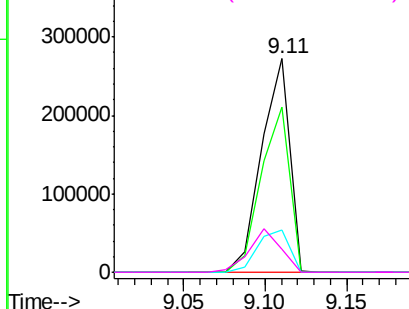
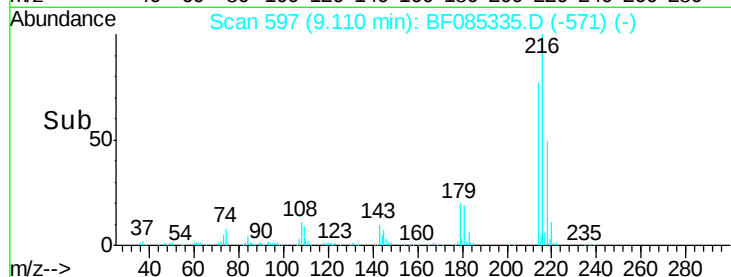
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 326412 |       |       |
| 214     | 78.7  | 63.8   | 95.6  |       |
| 179     | 22.3  | 19.6   | 29.4  |       |
| 108     | 22.6  | 19.6   | 29.4  |       |

Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM

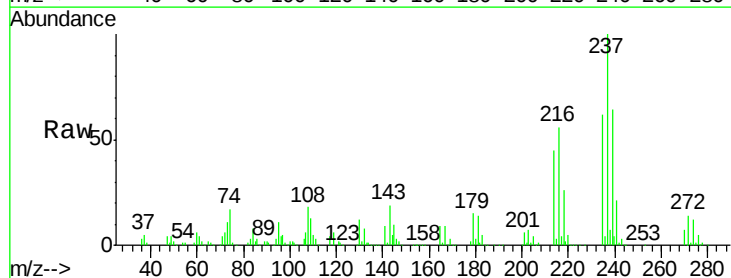


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

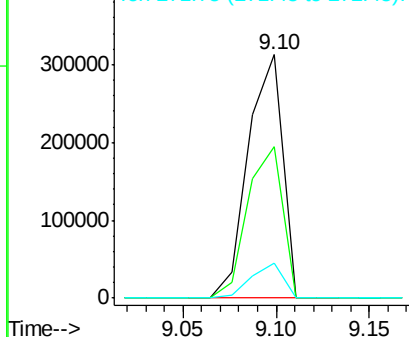
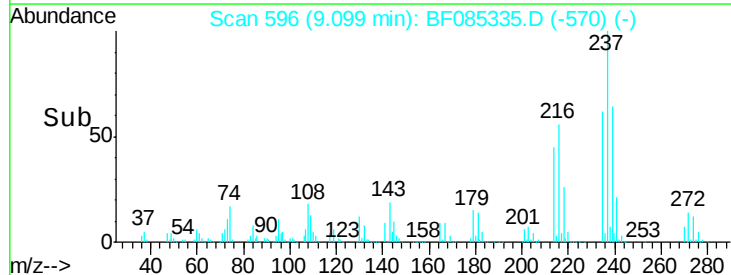


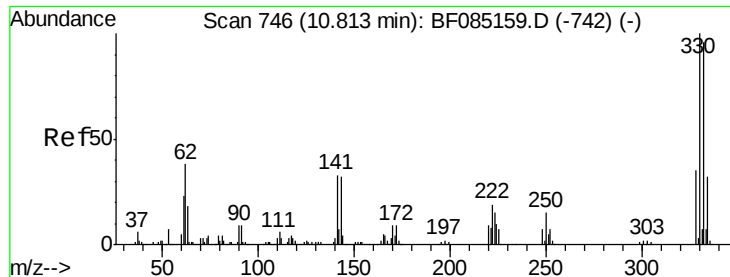
#40  
 Hexachlorocyclopentadiene  
 Concen: 66.68 ng  
 RT: 9.10 min Scan# 596  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 399684 |       |       |
| 235     | 62.3  | 43.7   | 83.7  |       |
| 272     | 14.5  | 0.0    | 31.5  |       |



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





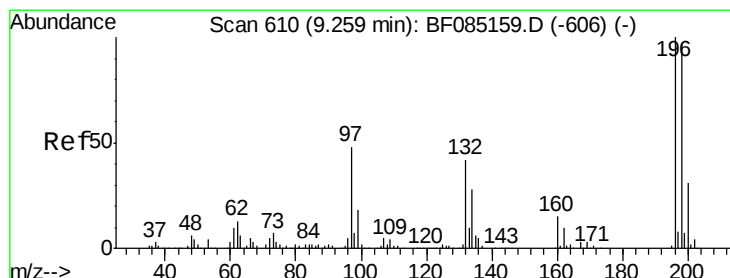
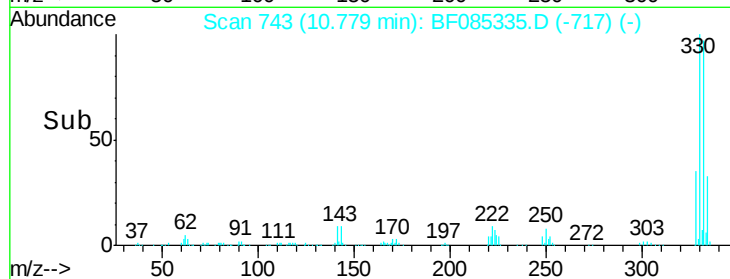
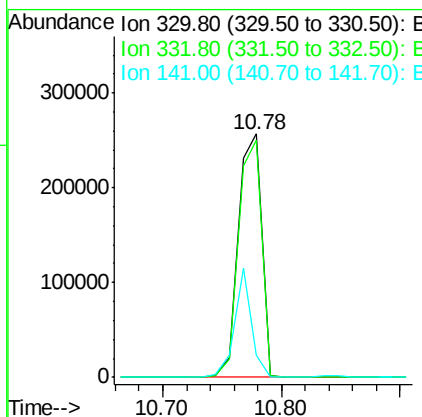
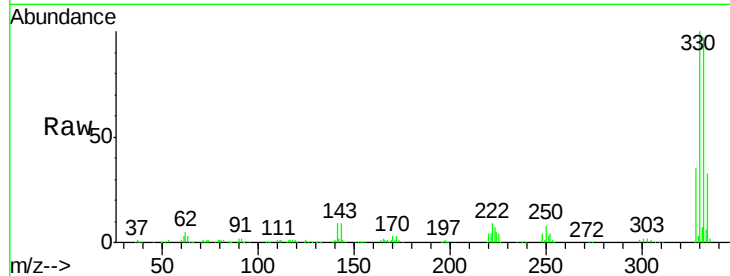
#41  
 2,4,6-Tribromophenol  
 Concen: 106.18 ng  
 RT: 10.78 min Scan# 743  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 353091 |       |       |
| 332     | 96.6  | 77.1   | 115.7 |       |
| 141     | 32.0  | 35.0   | 52.6  |       |

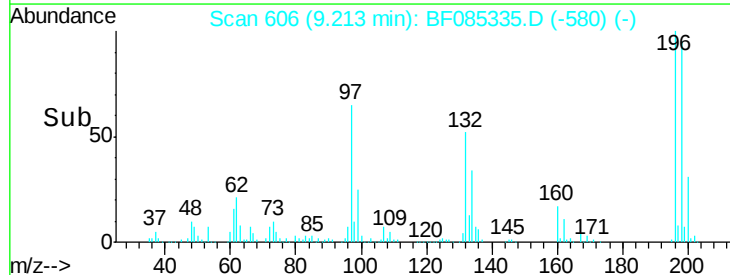
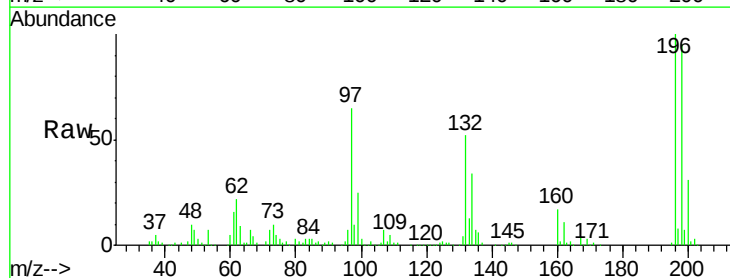
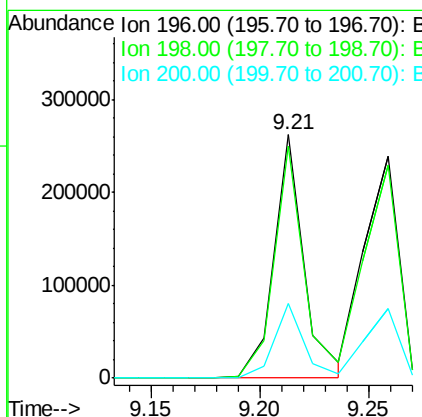
Manual Integrations  
 APPROVED

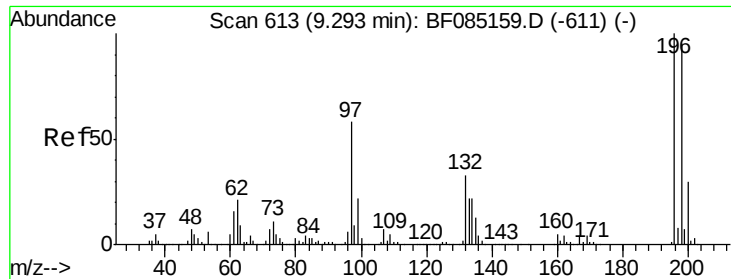
Sohil  
 3/11/2016 4:58:18 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 30.79 ng  
 RT: 9.21 min Scan# 606  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 254710 |       |       |
| 198     | 95.3  | 77.8   | 116.6 |       |
| 200     | 30.6  | 25.0   | 37.6  |       |





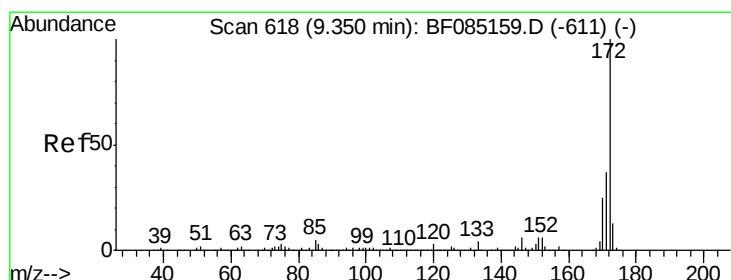
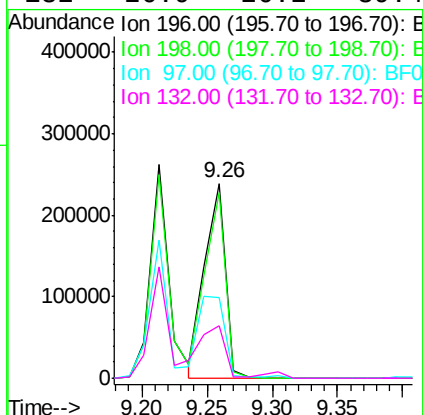
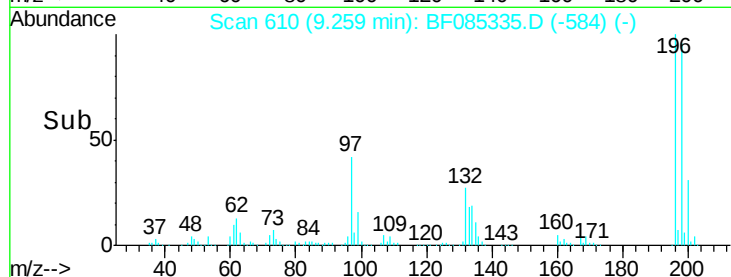
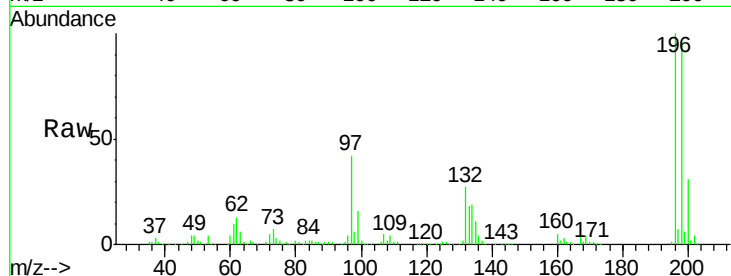
#43  
 2,4,5-Trichlorophenol  
 Concen: 33.87 ng  
 RT: 9.26 min Scan# 610  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 265716 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.7  | 75.7  | 113.5  |
| 97        | 41.6  | 46.4  | 69.6   |
| 132       | 26.9  | 26.2  | 39.4   |

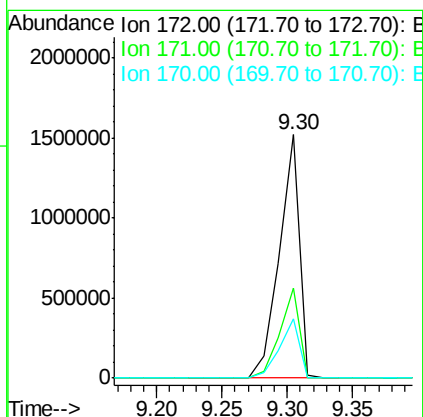
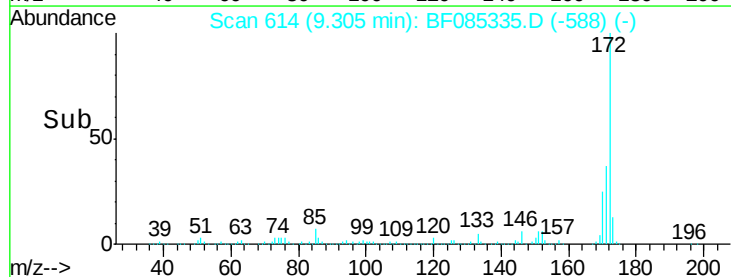
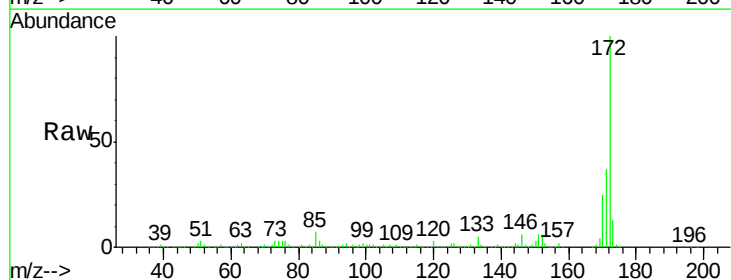
Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM



#44  
 2-Fluorobiphenyl  
 Concen: 64.02 ng  
 RT: 9.30 min Scan# 614  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1635980 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 36.8  | 29.3  | 43.9    |
| 170       | 24.6  | 20.0  | 30.0    |





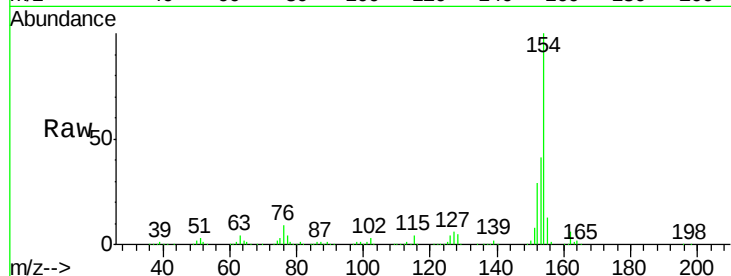
#45  
 1,1'-Biphenyl  
 Concen: 29.10 ng  
 RT: 9.41 min Scan# 623  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

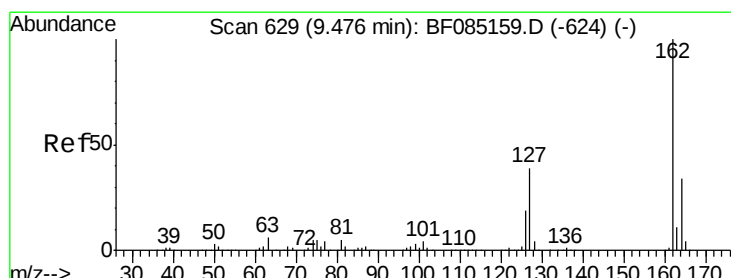
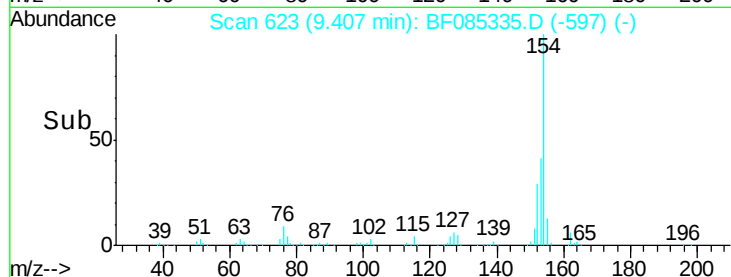
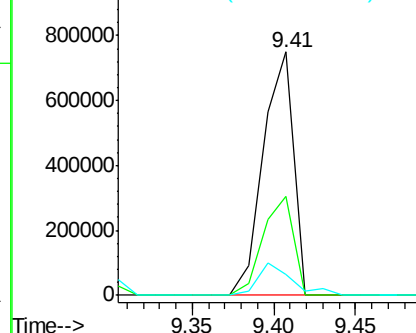
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 966301 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.5  | 21.4  | 61.4   |
| 76        | 8.8   | 0.0   | 37.5   |

Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM

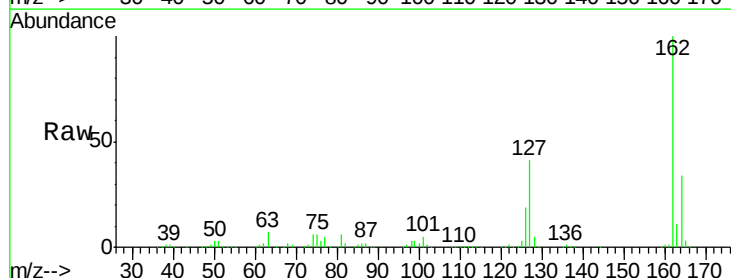


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

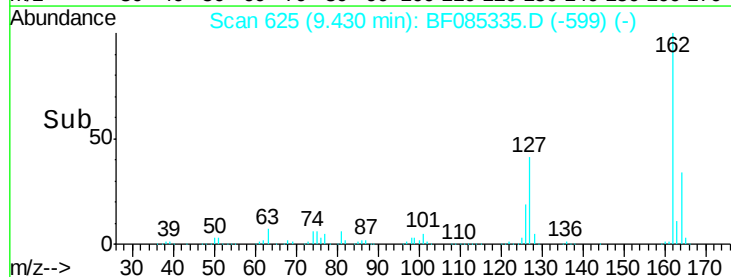
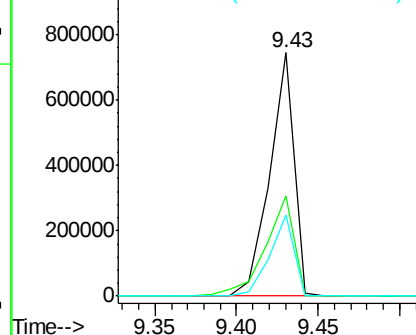


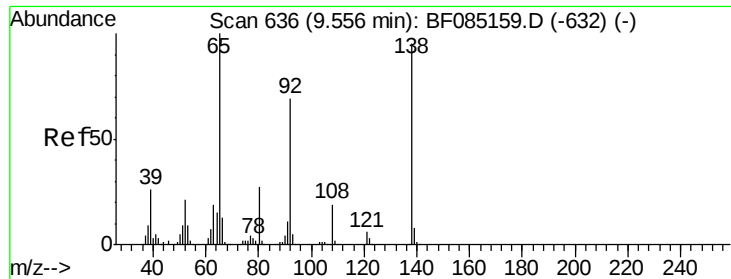
#46  
 2-Chloronaphthalene  
 Concen: 30.62 ng  
 RT: 9.43 min Scan# 625  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 774903 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.4  | 31.6  | 47.4   |
| 164       | 33.6  | 27.1  | 40.7   |



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E





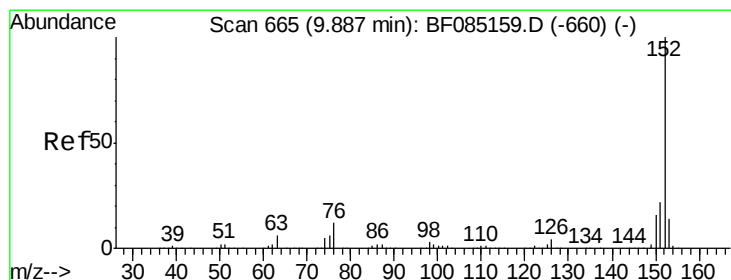
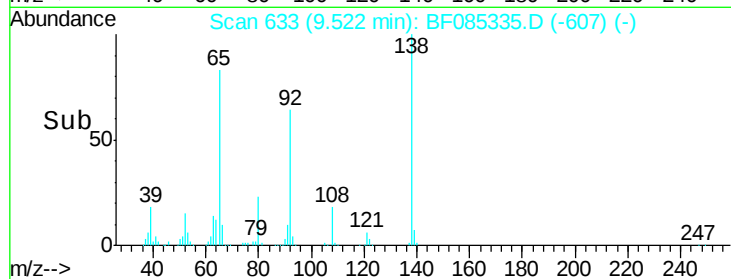
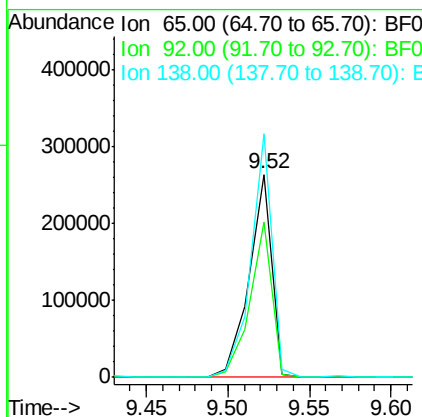
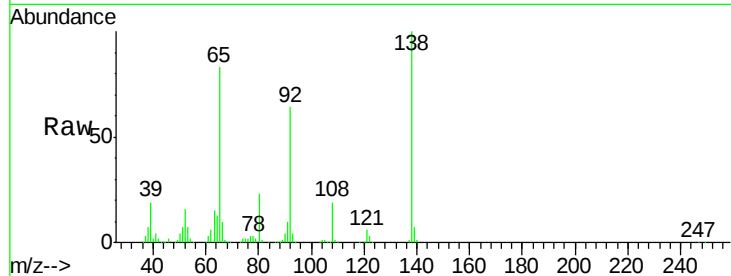
#47  
2-Nitroaniline  
Concen: 32.41 ng  
RT: 9.52 min Scan# 633  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 65      | 100   | 254157 |        |       |
| 92      | 76.3  | 55.4   | 83.2   |       |
| 138     | 120.0 | 75.7   | 113.5# |       |

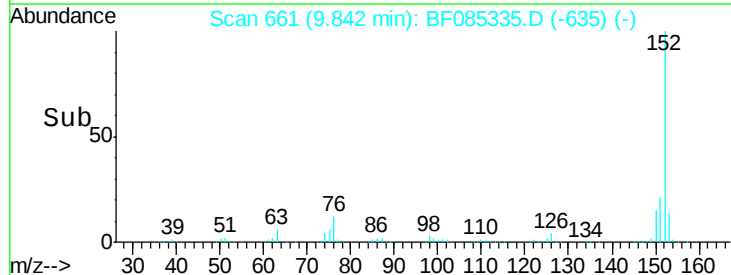
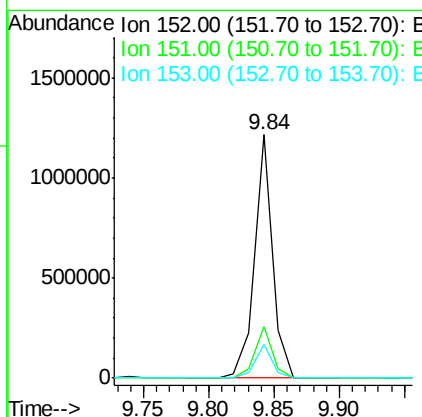
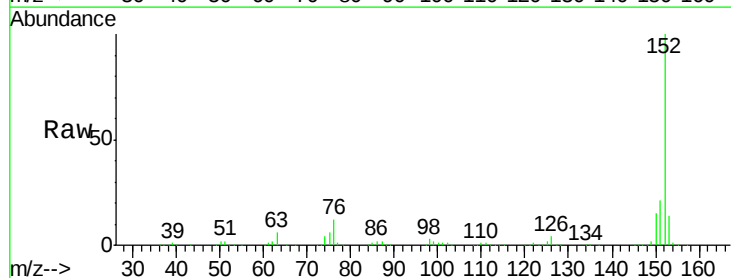
Manual Integrations  
APPROVED

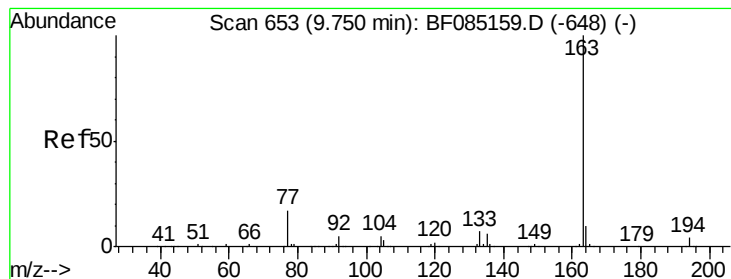
Sohil  
3/11/2016 4:58:18 PM



#48  
Acenaphthylene  
Concen: 29.74 ng  
RT: 9.84 min Scan# 661  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 152     | 100   | 1171296 |       |       |
| 151     | 21.0  | 17.5    | 26.3  |       |
| 153     | 13.7  | 11.3    | 16.9  |       |





#49

Dimethylphthalate

Concen: 31.11 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF085335.D

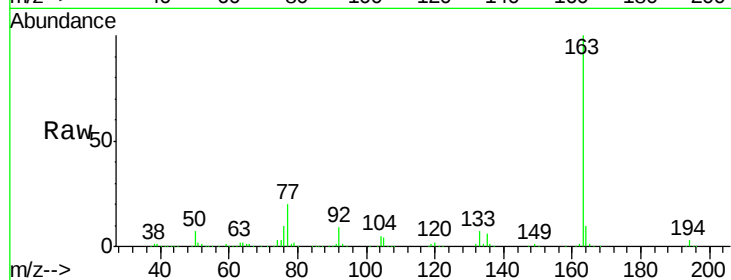
Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

ClientSampleId :

PB88797BSD



Tgt Ion:163 Resp: 928052

Ion Ratio Lower Upper

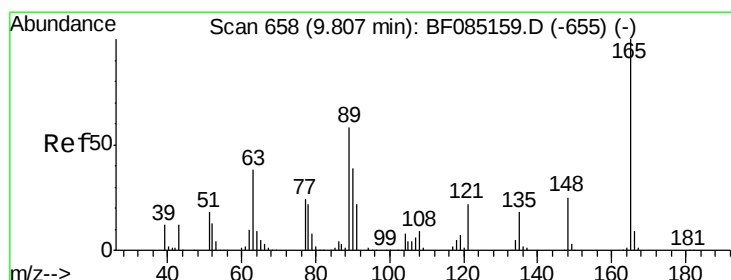
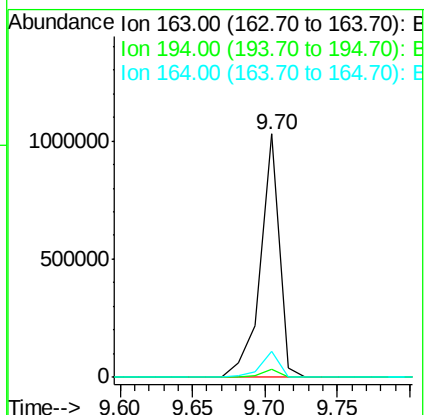
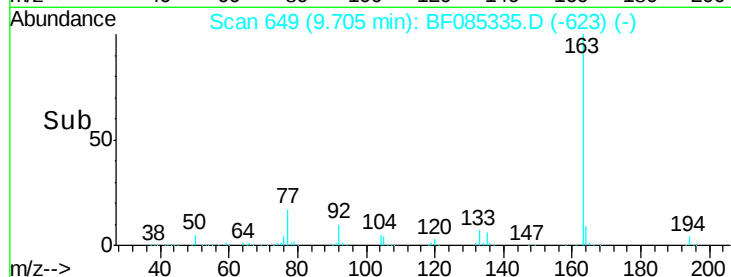
163 100

194 3.5 3.1 4.7

164 10.5 8.2 12.4

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#50

2,6-Dinitrotoluene

Concen: 29.11 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

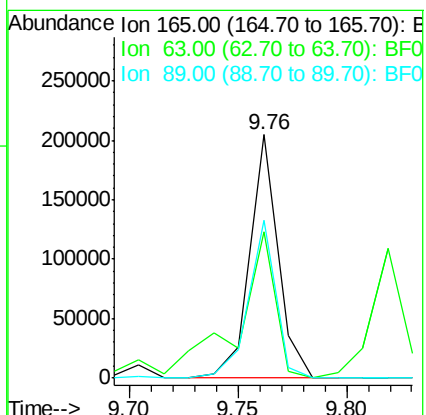
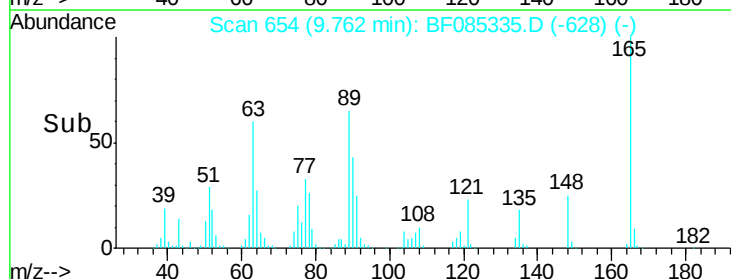
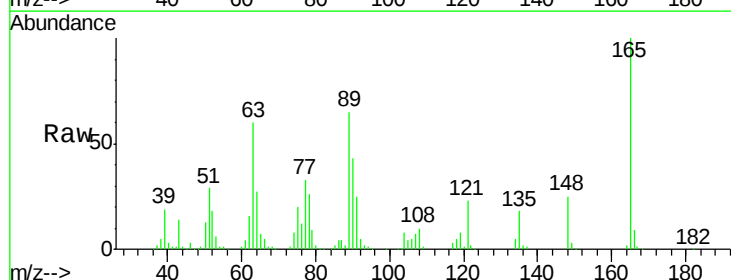
Tgt Ion:165 Resp: 185790

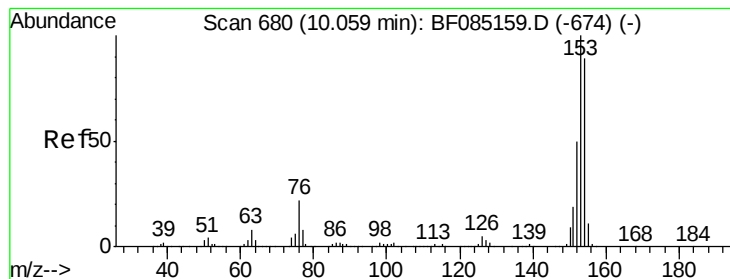
Ion Ratio Lower Upper

165 100

63 60.3 41.8 62.8

89 64.8 46.7 70.1





#51

Acenaphthene

Concen: 32.03 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF085335.D

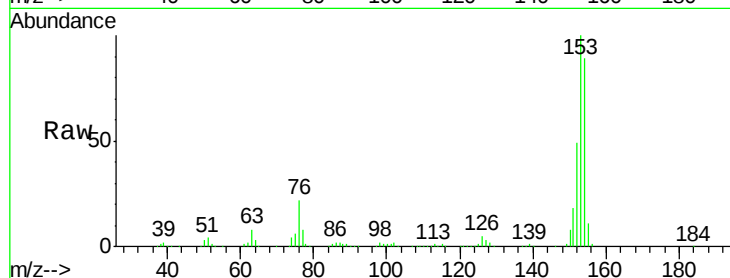
Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

ClientSampleId :

PB88797BSD



Tgt Ion:154 Resp: 765980

Ion Ratio Lower Upper

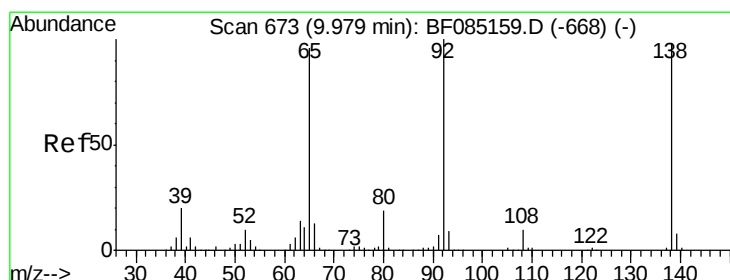
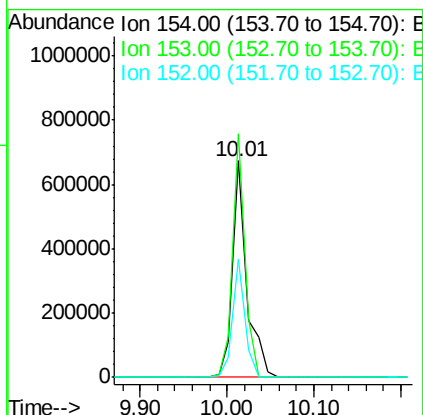
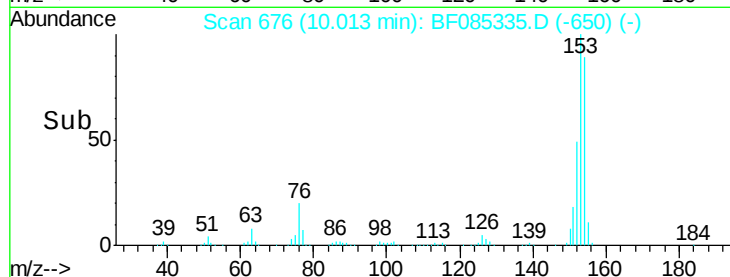
154 100

153 112.6 89.8 134.8

152 54.8 44.6 66.8

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#52

3-Nitroaniline

Concen: 24.01 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

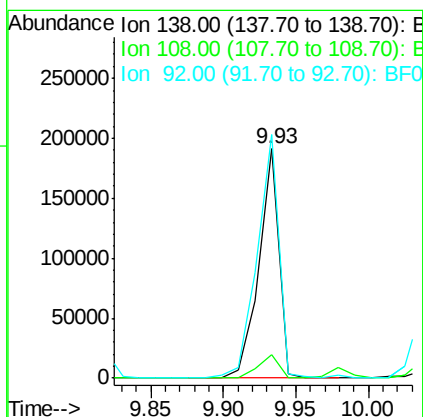
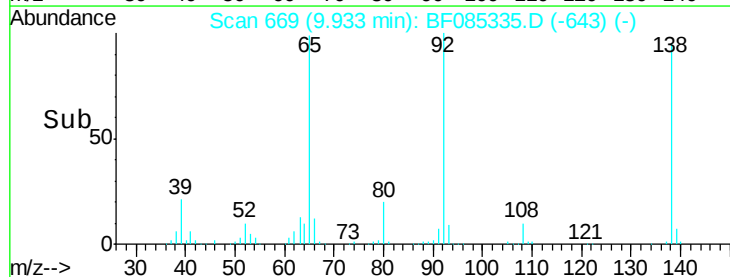
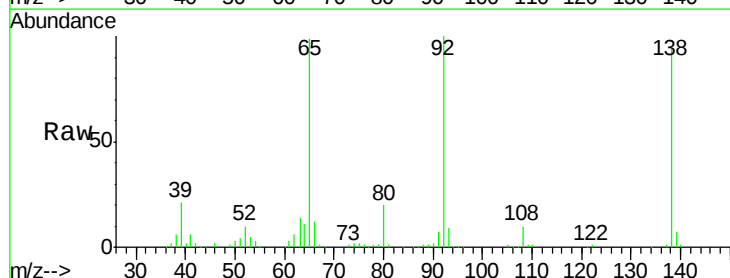
Tgt Ion:138 Resp: 183306

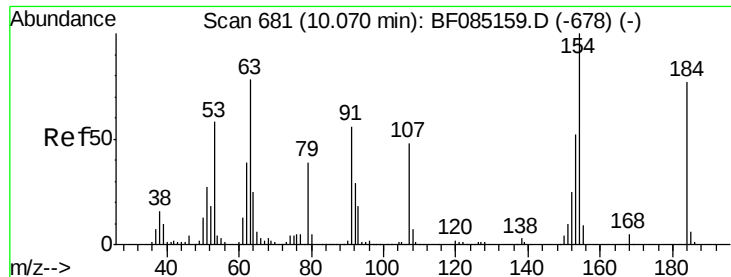
Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

92 106.1 81.3 121.9





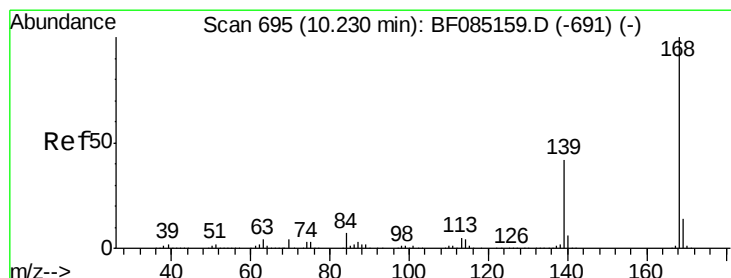
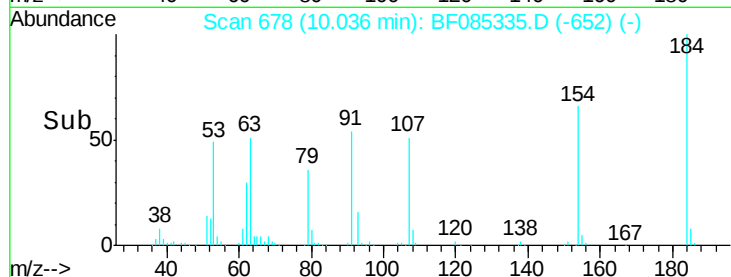
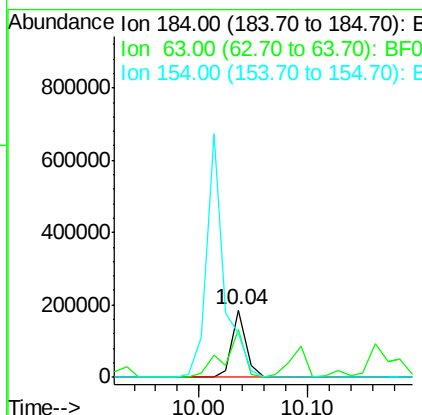
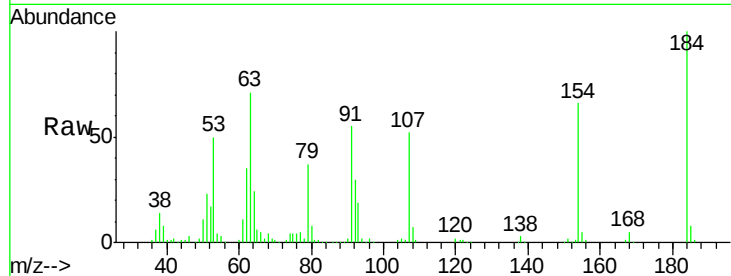
#53  
 2,4-Dinitrophenol  
 Concen: 55.19 ng  
 RT: 10.04 min Scan# 678  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 184     | 100   | 169748 |        |       |
| 63      | 71.5  | 82.2   | 123.4# |       |
| 154     | 66.0  | 108.9  | 163.3# |       |

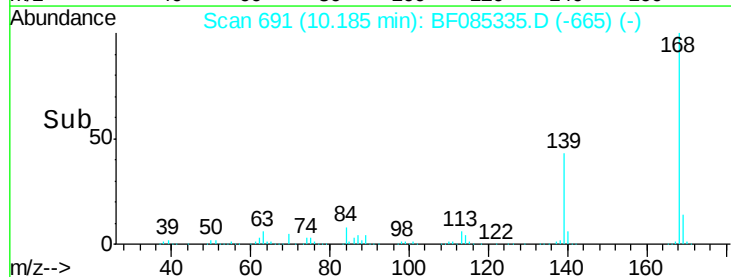
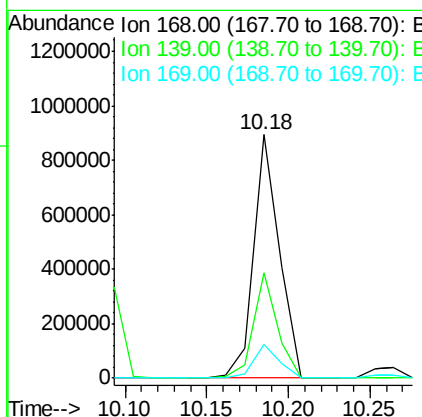
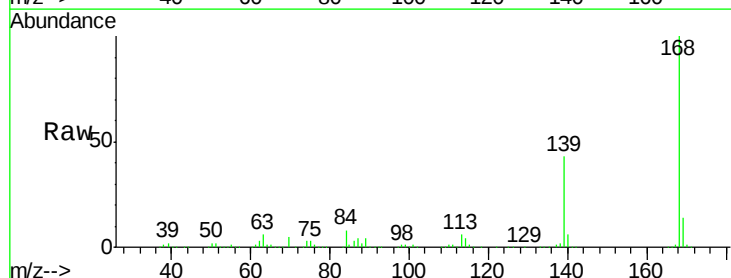
Manual Integrations  
 APPROVED

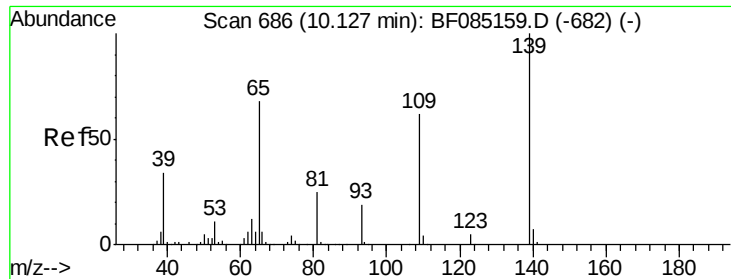
Sohil  
 3/11/2016 4:58:18 PM



#54  
 Dibenzofuran  
 Concen: 31.18 ng  
 RT: 10.18 min Scan# 691  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 976855 |       |       |
| 139     | 43.3  | 33.6   | 50.4  |       |
| 169     | 14.1  | 11.2   | 16.8  |       |





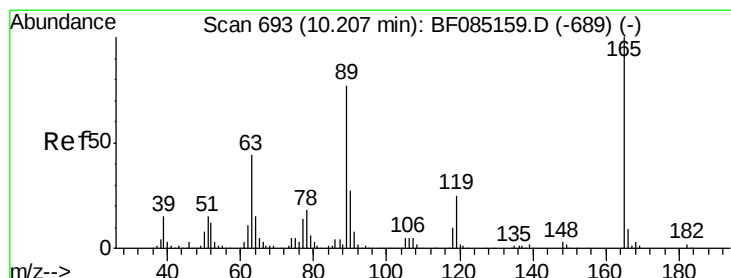
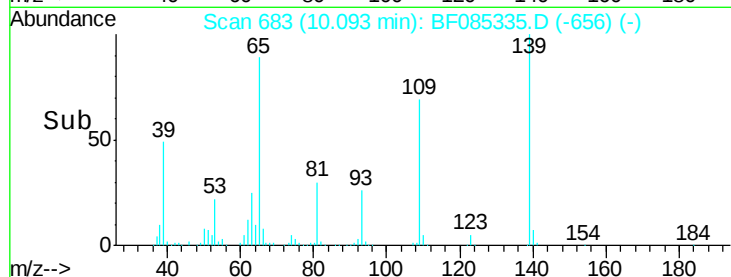
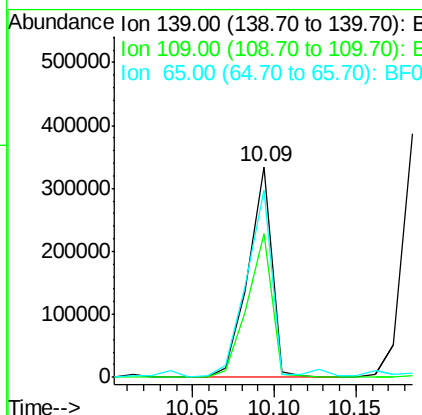
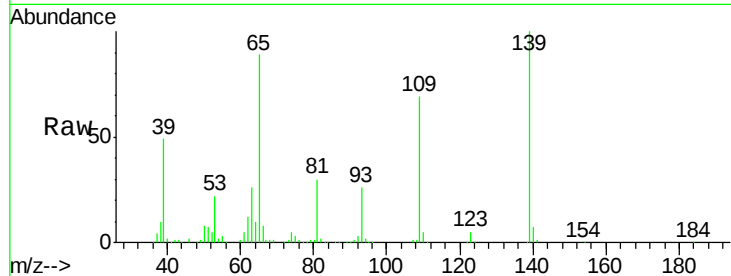
#55  
4-Nitrophenol  
Concen: 57.06 ng  
RT: 10.09 min Scan# 683  
Delta R.T. 0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 139     | 100   |            |            |
| 109     | 68.6  | 41.9       | 81.9       |
| 65      | 88.9  | 48.3       | 88.3#      |

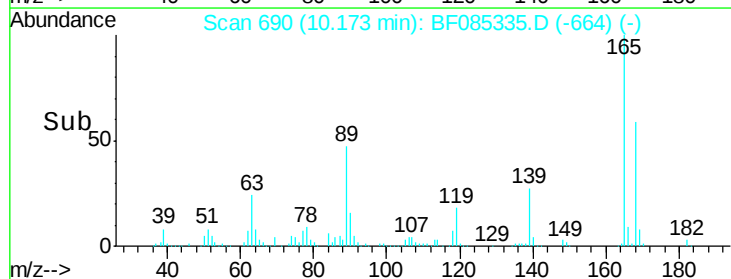
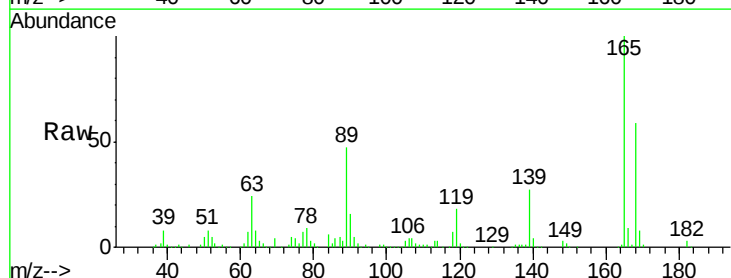
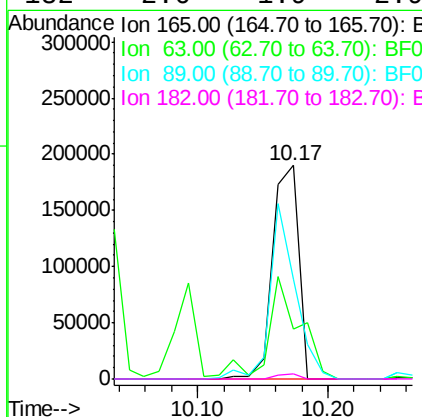
Manual Integrations  
APPROVED

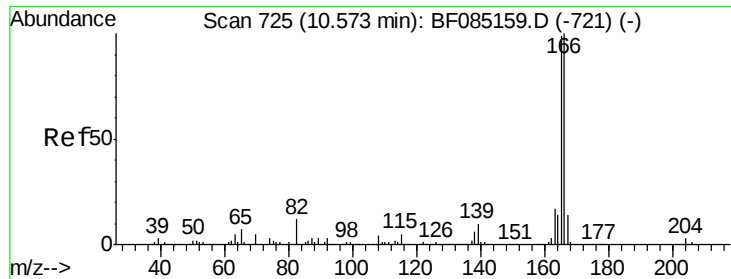
Sohil  
3/11/2016 4:58:18 PM



#56  
2,4-Dinitrotoluene  
Concen: 32.39 ng  
RT: 10.17 min Scan# 690  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 23.7  | 35.4       | 53.0#      |
| 89      | 46.6  | 61.9       | 92.9#      |
| 182     | 2.6   | 1.9        | 2.9        |





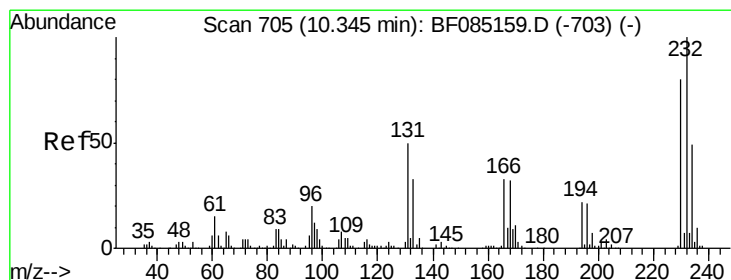
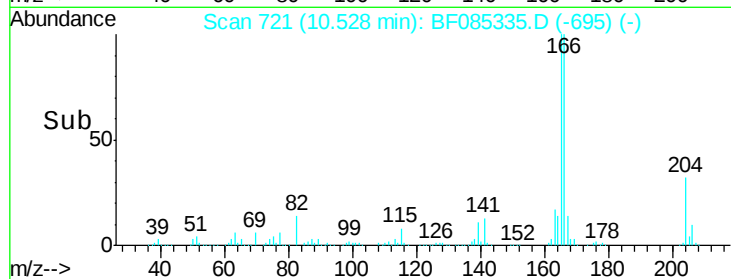
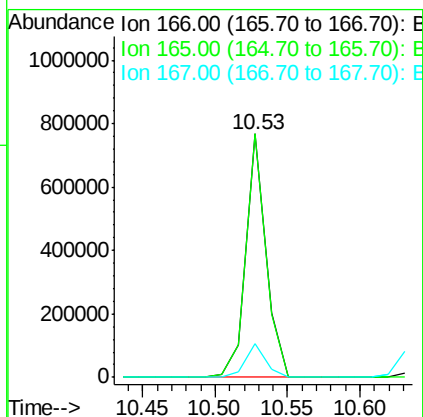
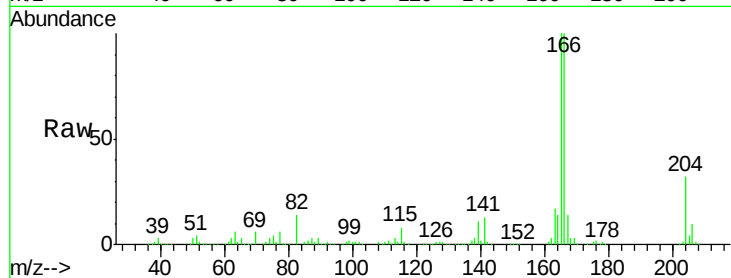
#57  
 Fluorene  
 Concen: 30.21 ng  
 RT: 10.53 min Scan# 721  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB88797BSD

Manual Integrations  
 APPROVED

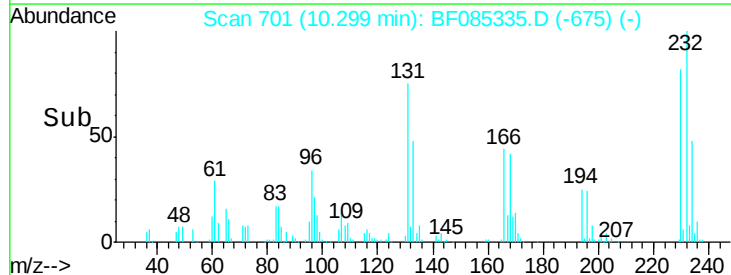
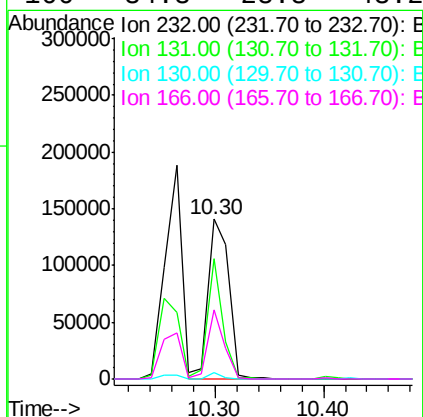
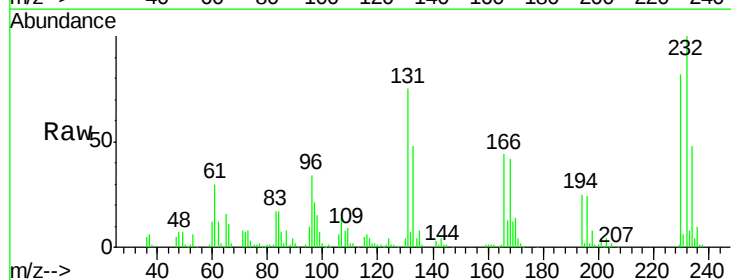
Sohil  
 3/11/2016 4:58:18 PM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 743576 |       |       |
| 165     | 99.9  | 79.4   | 119.0 |       |
| 167     | 13.9  | 11.0   | 16.6  |       |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 34.15 ng  
 RT: 10.30 min Scan# 701  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 188200 |       |       |
| 131     | 54.1  | 46.0   | 69.0  |       |
| 130     | 2.7   | 2.2    | 3.4   |       |
| 166     | 34.3  | 28.8   | 43.2  |       |





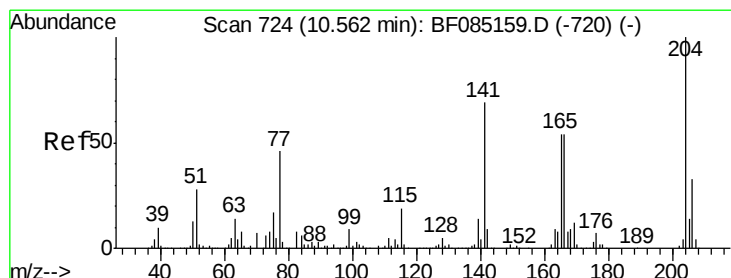
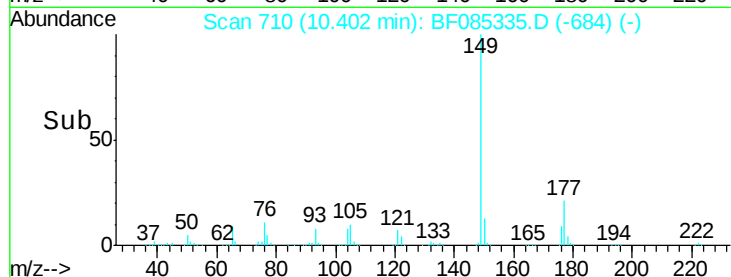
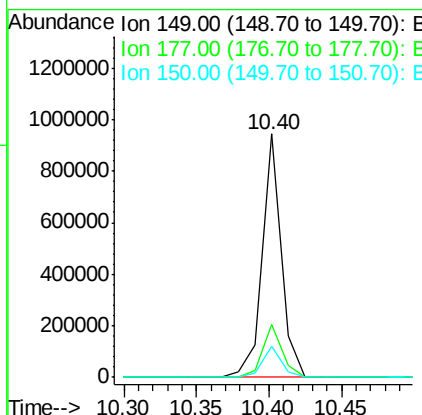
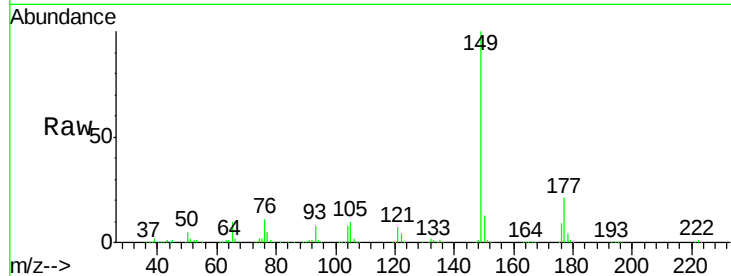
#59  
Diethylphthalate  
Concen: 29.73 ng  
RT: 10.40 min Scan# 710  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.5  | 19.2  | 28.8  |
| 150     | 13.0  | 9.9   | 14.9  |

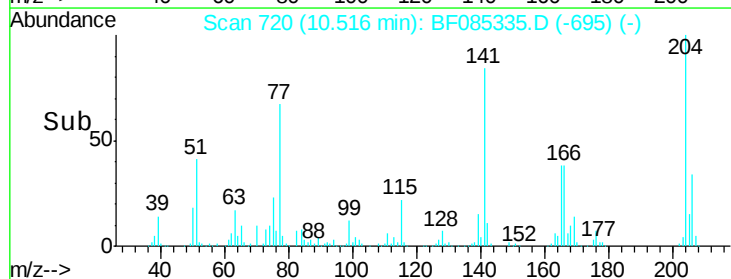
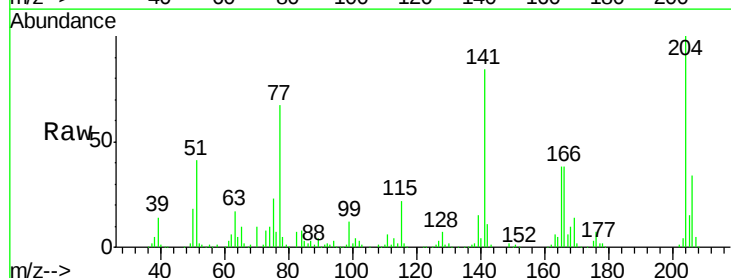
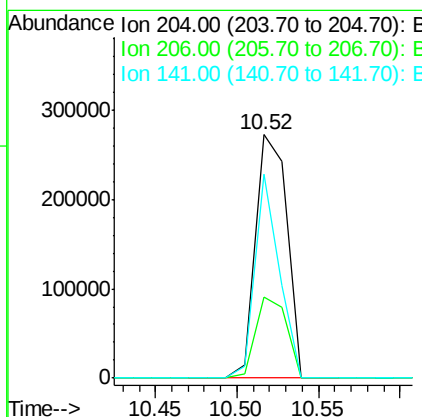
Manual Integrations  
APPROVED

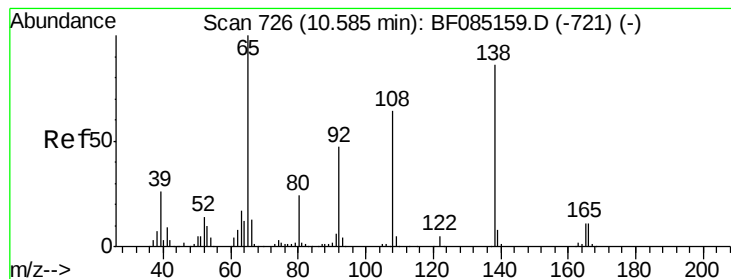
Sohil  
3/11/2016 4:58:18 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 30.46 ng  
RT: 10.52 min Scan# 720  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 26.5  | 39.7  |
| 141     | 83.9  | 55.4  | 83.2# |





#61

4-Nitroaniline

Concen: 33.82 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

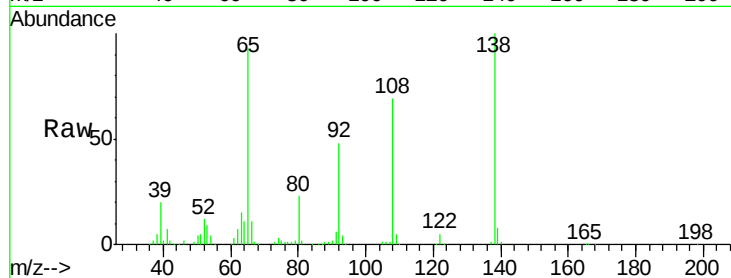
ClientSampleId :

PB88797BSD

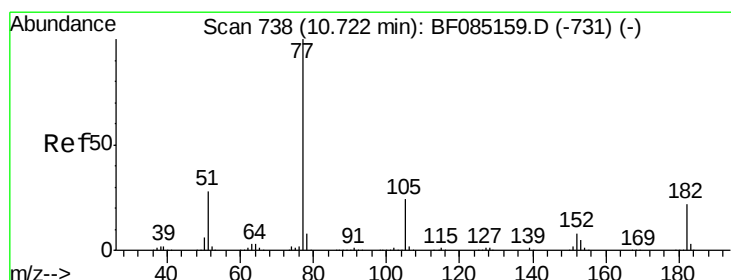
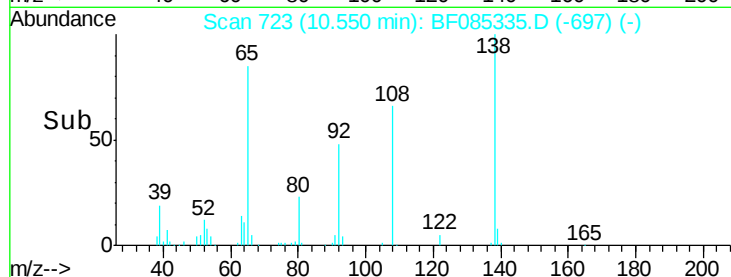
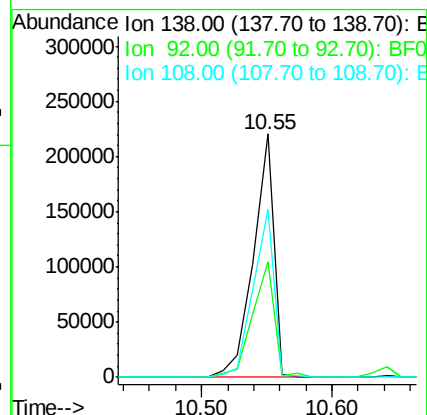
Manual Integrations  
APPROVED

Sohil

3/11/2016 4:58:18 PM



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 47.7  | 34.2  | 74.2  |
| 108     | 69.2  | 53.9  | 93.9  |



#62

Azobenzene

Concen: 32.41 ng

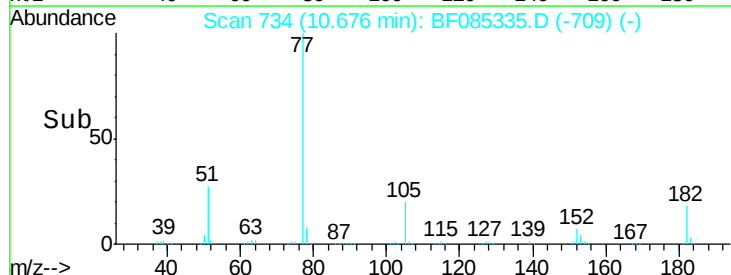
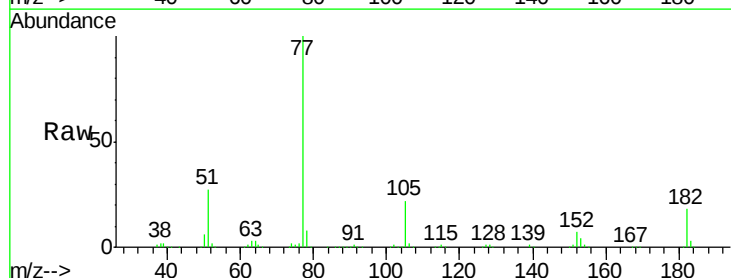
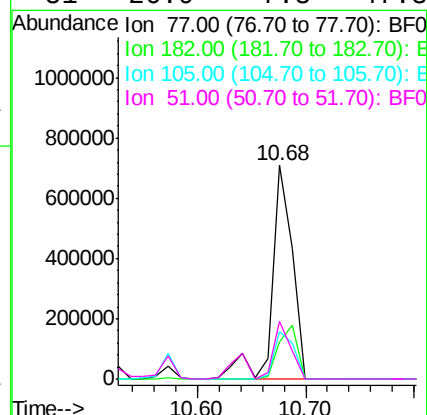
RT: 10.68 min Scan# 734

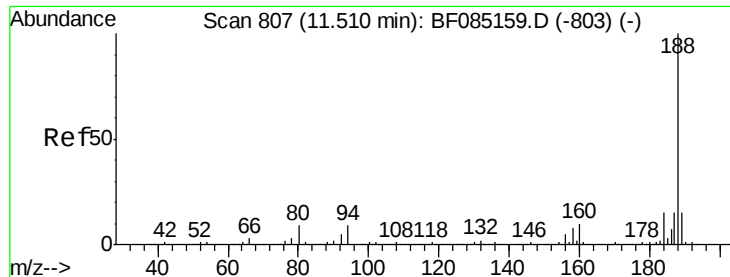
Delta R.T. -0.01 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 17.6  | 2.1   | 42.1  |
| 105     | 22.0  | 3.8   | 43.8  |
| 51      | 26.9  | 7.8   | 47.8  |





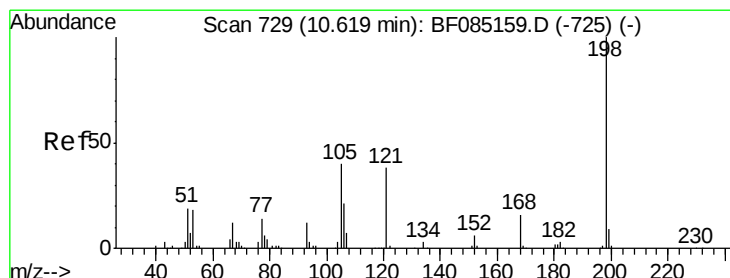
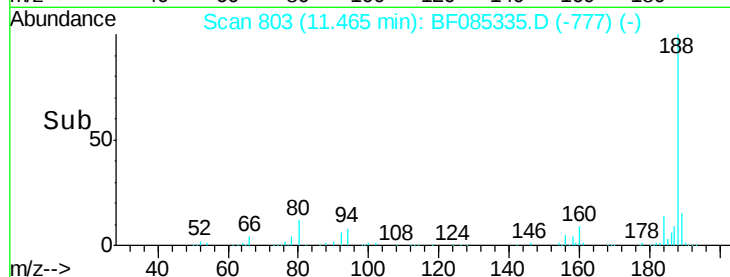
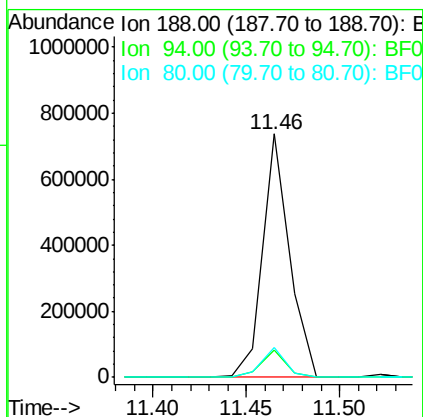
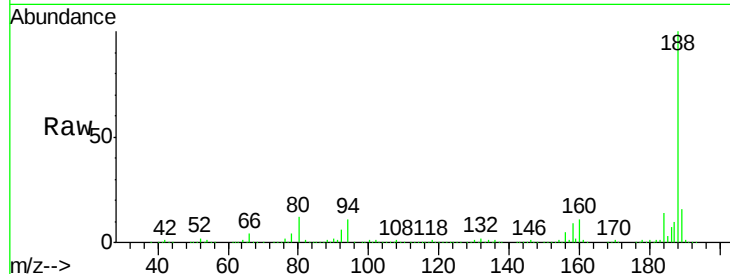
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.46 min Scan# 803  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 11.4  | 7.0        | 10.6#      |
| 80      | 12.4  | 7.4        | 11.0#      |

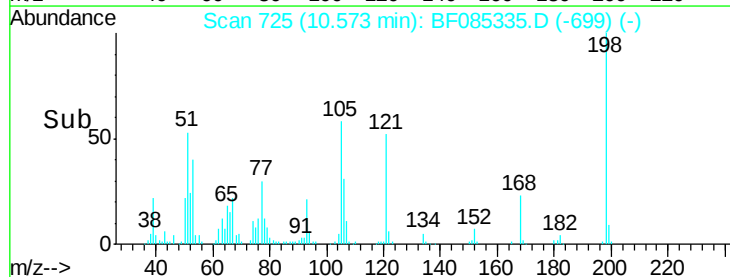
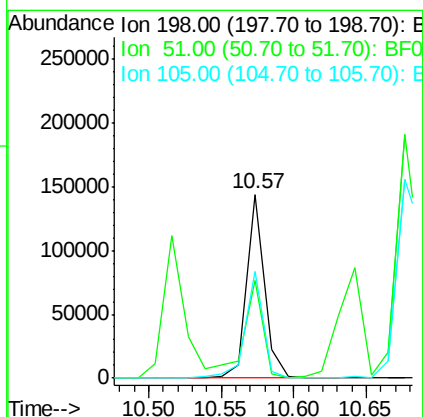
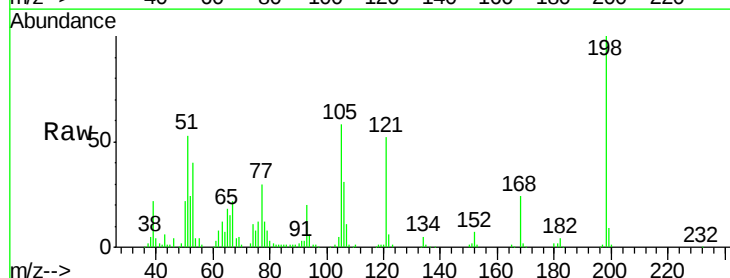
Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 27.55 ng  
RT: 10.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 53.0  | 9.5        | 49.5#      |
| 105     | 58.0  | 20.5       | 60.5       |





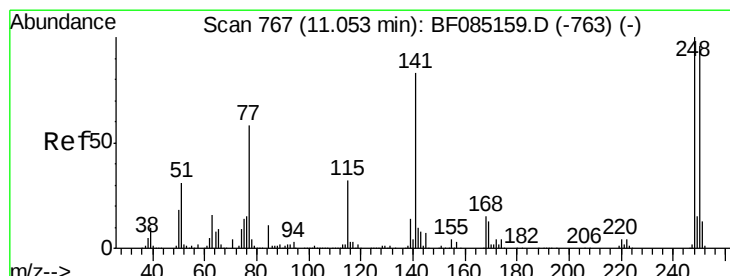
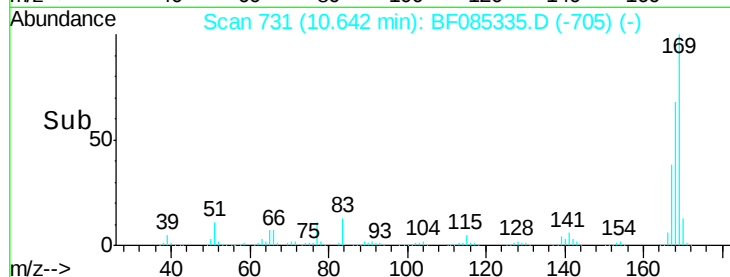
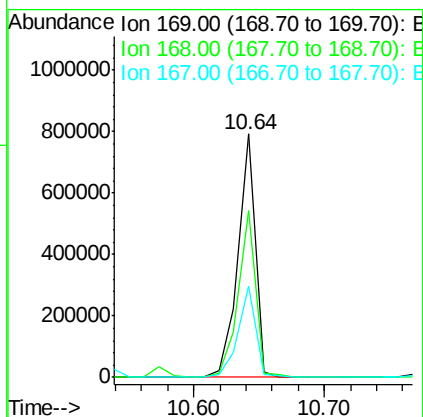
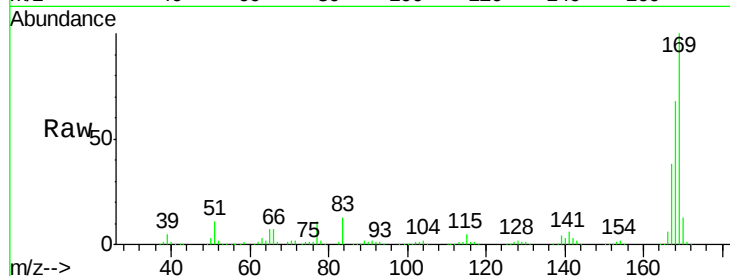
#65  
n-Nitrosodiphenylamine  
Concen: 31.40 ng  
RT: 10.64 min Scan# 731  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 727049 |       |       |
| 168     | 68.5  | 54.8   | 82.2  |       |
| 167     | 37.7  | 30.3   | 45.5  |       |

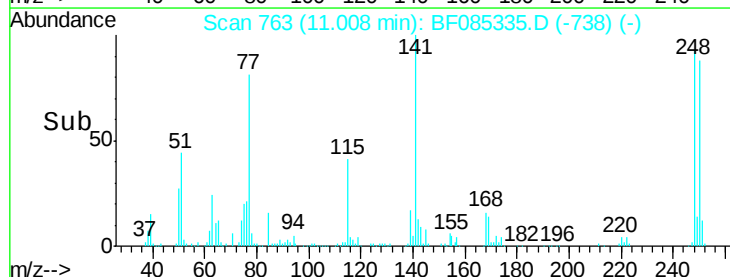
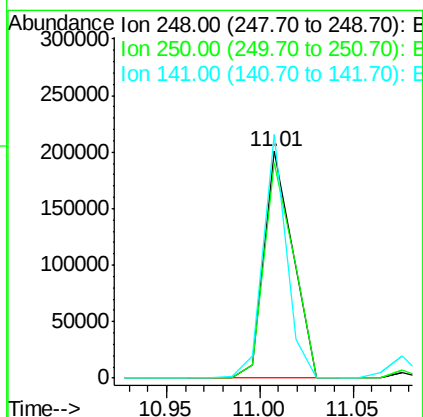
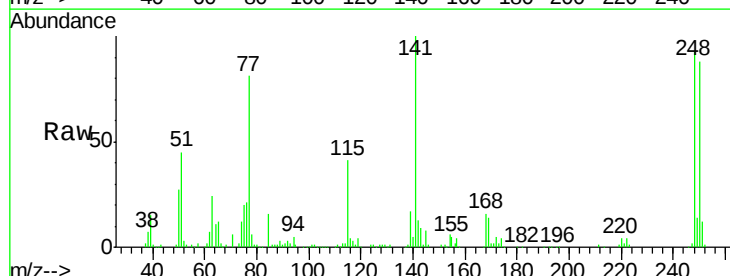
Manual Integrations  
APPROVED

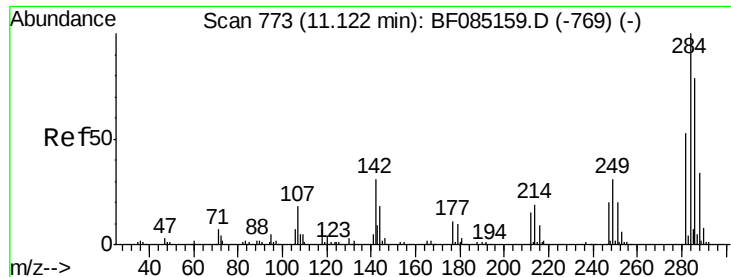
Sohil  
3/11/2016 4:58:18 PM



#66  
4-Bromophenyl-phenylether  
Concen: 29.48 ng  
RT: 11.01 min Scan# 763  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 213084 |       |       |
| 250     | 94.9  | 77.1   | 115.7 |       |
| 141     | 107.4 | 66.2   | 99.2# |       |





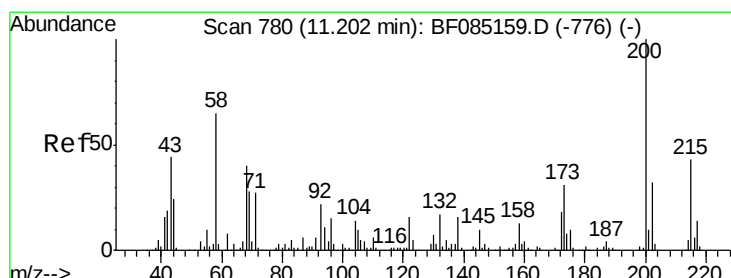
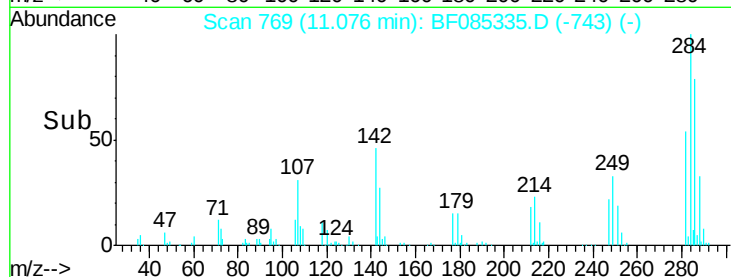
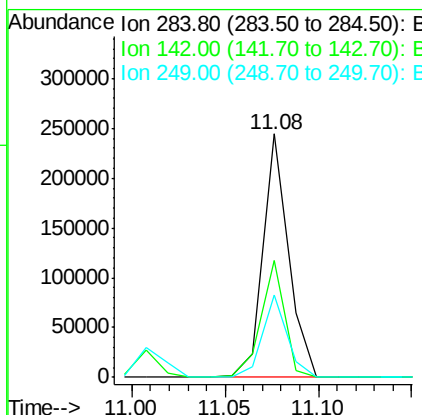
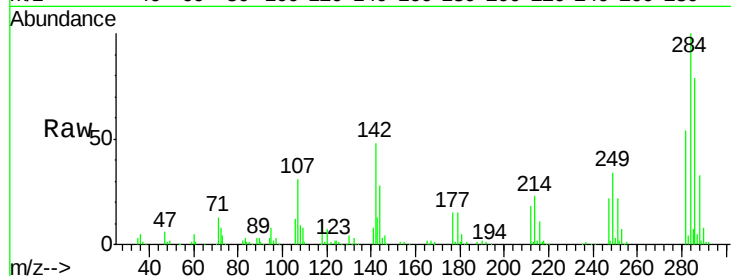
#67  
Hexachlorobenzene  
Concen: 29.76 ng  
RT: 11.08 min Scan# 769  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 229504 |       |       |
| 142     | 48.1  | 24.9   | 37.3# |       |
| 249     | 33.9  | 25.0   | 37.4  |       |

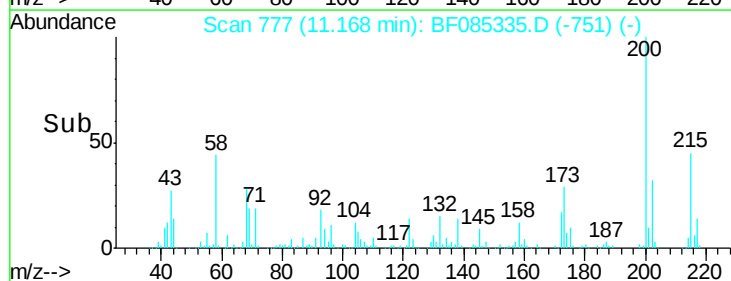
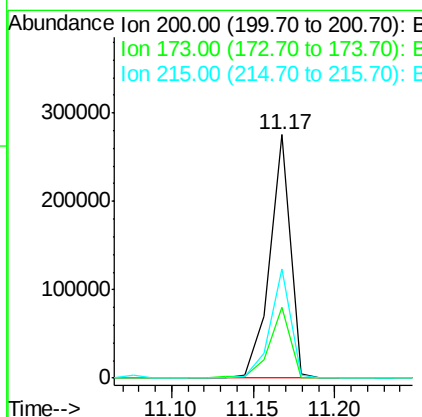
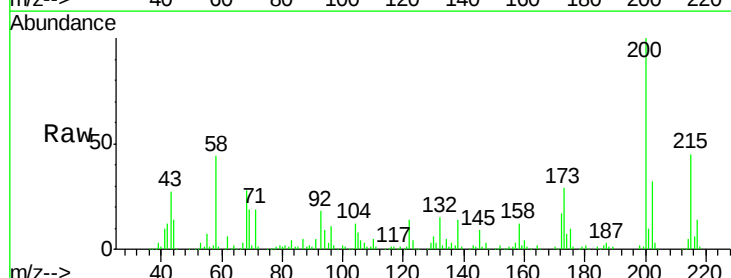
Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#68  
Atrazine  
Concen: 37.90 ng  
RT: 11.17 min Scan# 777  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 244019 |       |       |
| 173     | 28.9  | 10.5   | 50.5  |       |
| 215     | 45.0  | 23.4   | 63.4  |       |





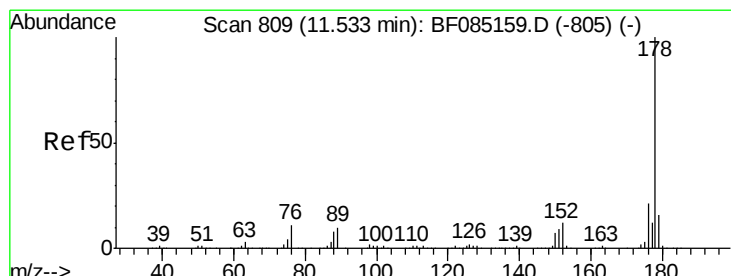
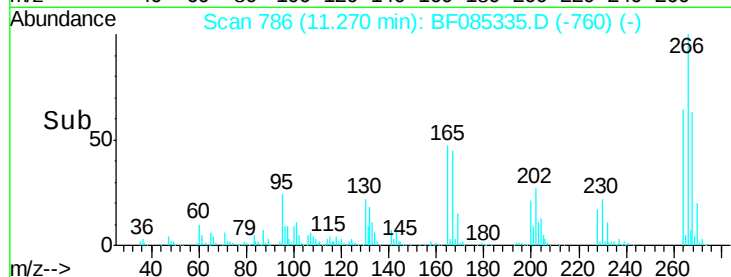
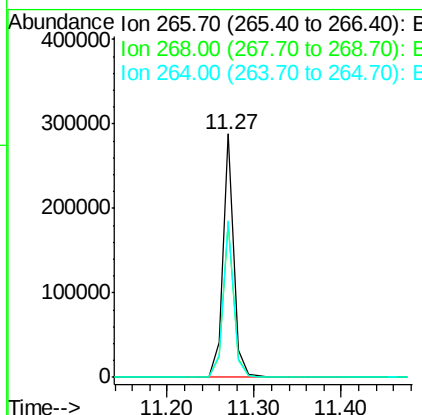
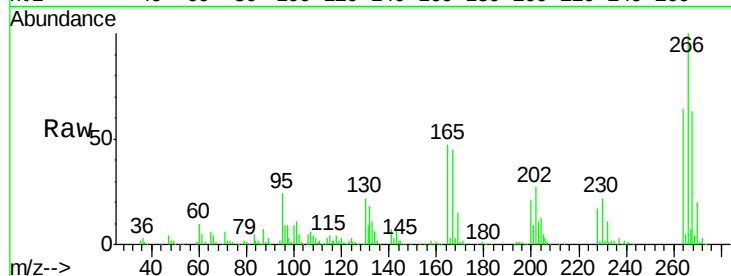
#69  
 Pentachlorophenol  
 Concen: 59.15 ng  
 RT: 11.27 min Scan# 786  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 253185 |       |       |
| 268     | 63.3  | 50.0   | 75.0  |       |
| 264     | 64.2  | 51.4   | 77.2  |       |

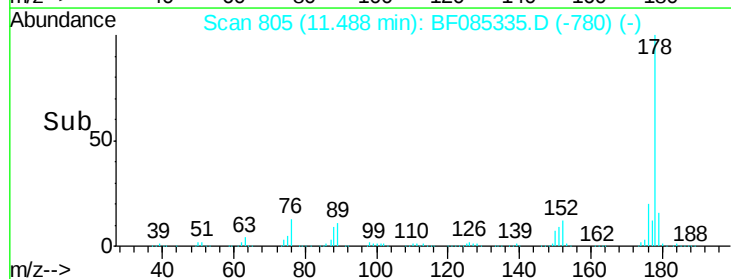
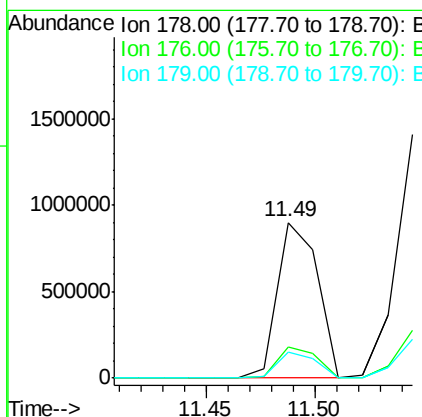
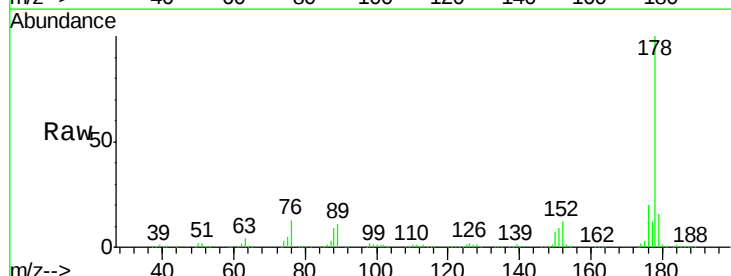
Manual Integrations  
 APPROVED

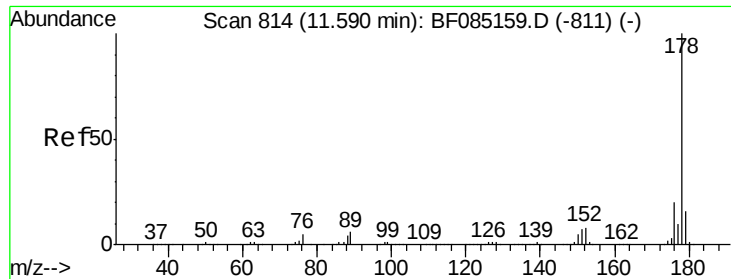
Sohil  
 3/11/2016 4:58:18 PM



#70  
 Phenanthrene  
 Concen: 30.05 ng  
 RT: 11.49 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1172198 |       |       |
| 176     | 20.2  | 16.8    | 25.2  |       |
| 179     | 16.4  | 13.1    | 19.7  |       |





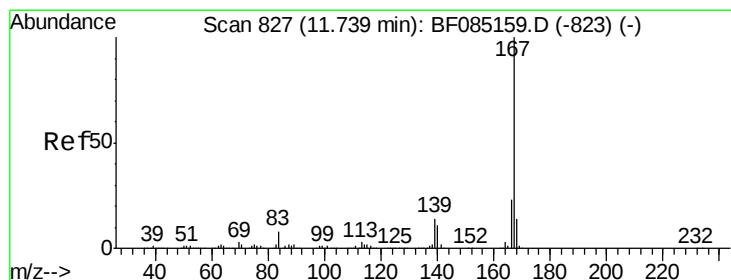
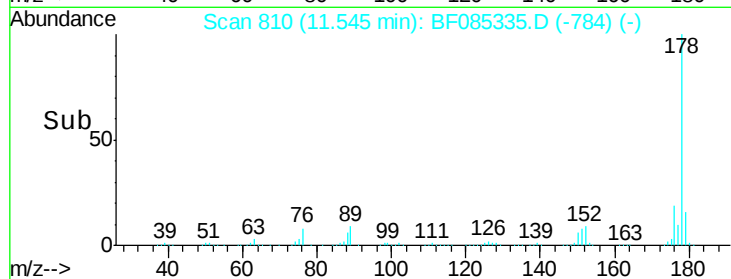
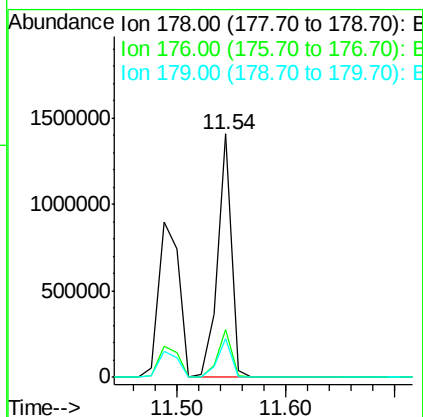
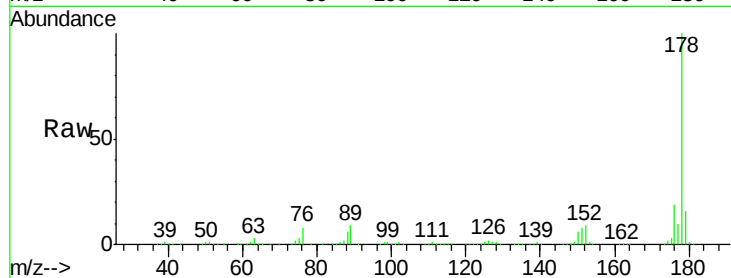
#71  
 Anthracene  
 Concen: 30.38 ng  
 RT: 11.54 min Scan# 810  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

Tgt Ion:178 Resp: 1258227  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.9 23.9  
 179 16.0 12.5 18.7

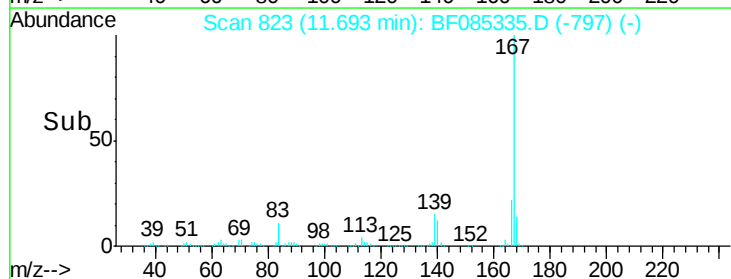
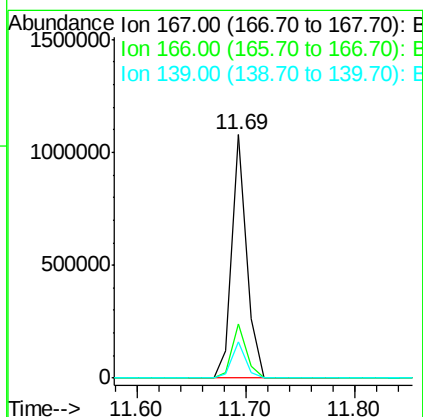
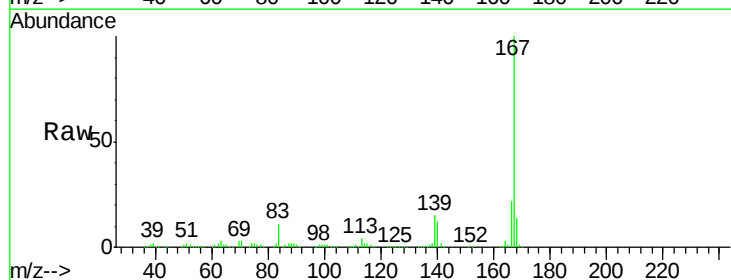
Manual Integrations  
 APPROVED

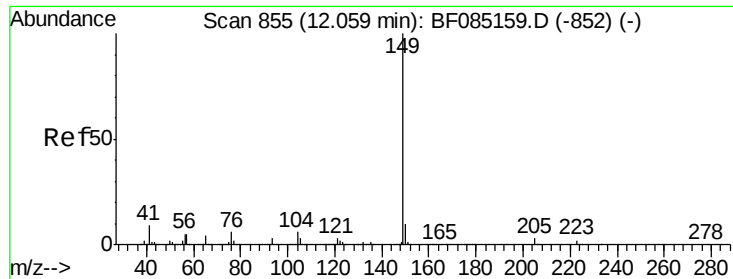
Sohil  
 3/11/2016 4:58:18 PM



#72  
 Carbazole  
 Concen: 27.78 ng  
 RT: 11.69 min Scan# 823  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Tgt Ion:167 Resp: 1008842  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 18.2 27.2  
 139 15.1 11.4 17.0





#73

Di-n-butylphthalate

Concen: 24.53 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

ClientSampleId :

PB88797BSD

Tgt Ion:149 Resp: 1126010

Ion Ratio Lower Upper

149 100

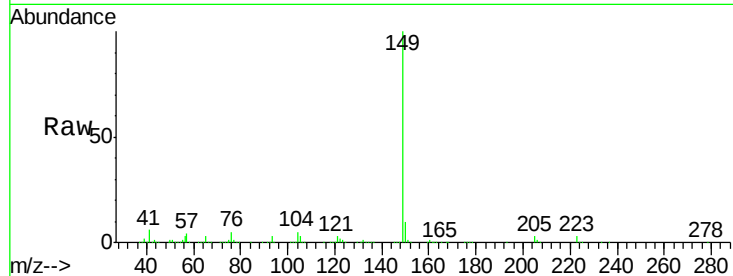
150 9.6 7.8 11.6

104 4.9 4.7 7.1

Manual Integrations  
APPROVED

Sohil

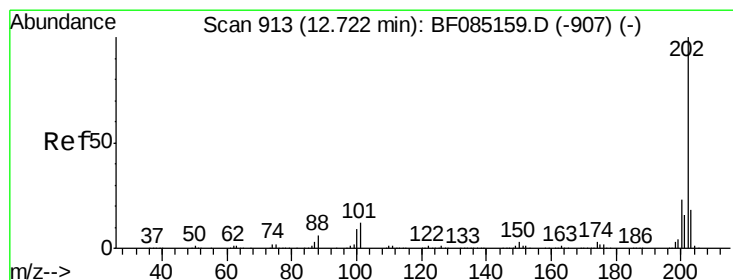
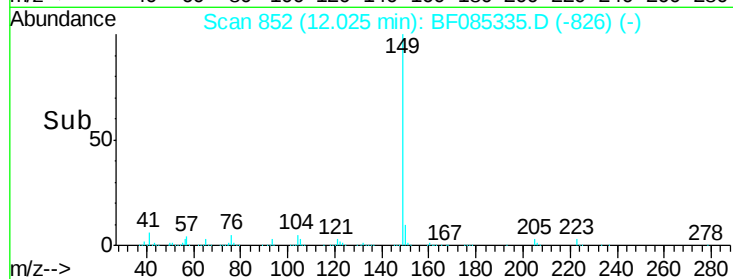
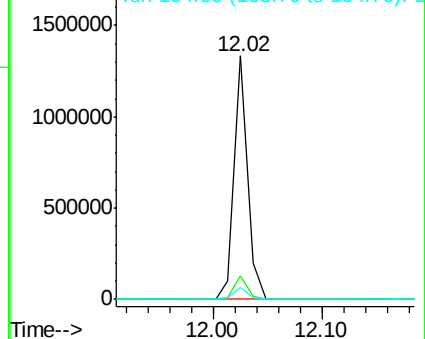
3/11/2016 4:58:18 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.95 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

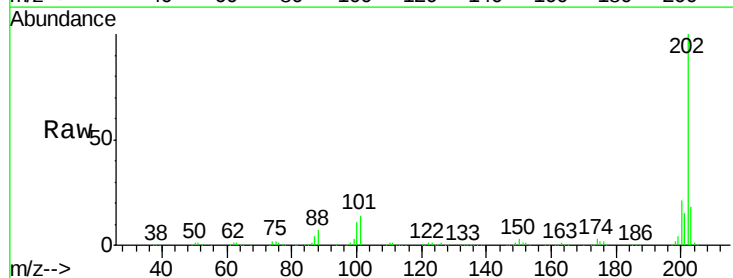
Tgt Ion:202 Resp: 976929

Ion Ratio Lower Upper

202 100

101 14.1 0.0 31.8

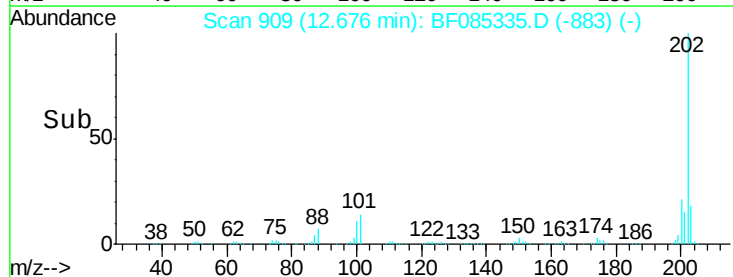
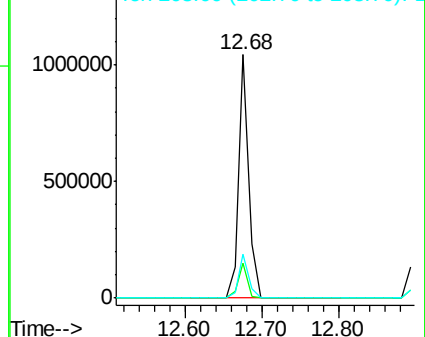
203 18.1 0.0 38.4

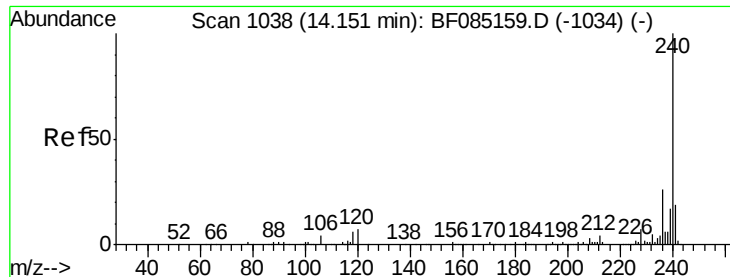


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





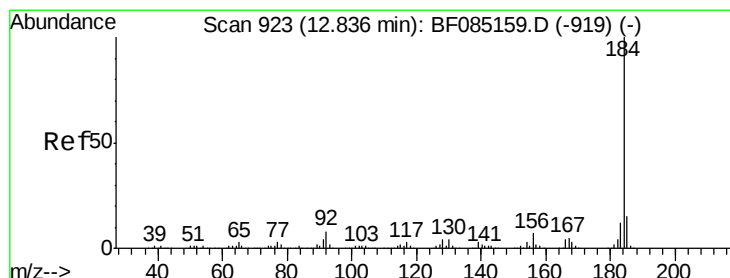
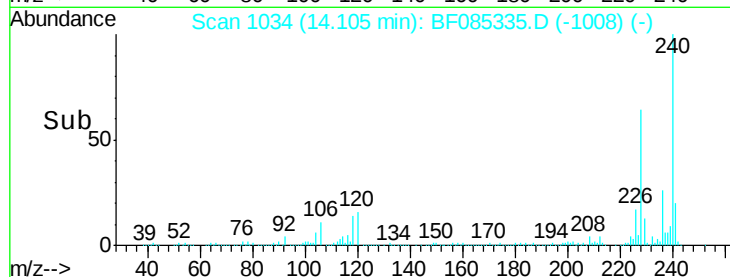
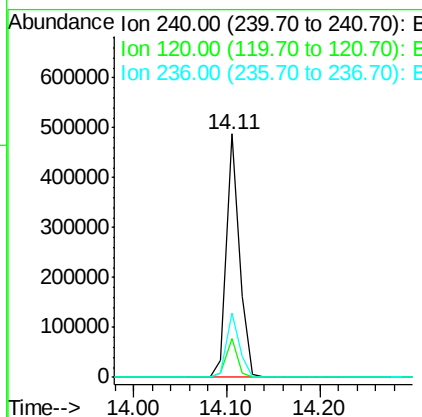
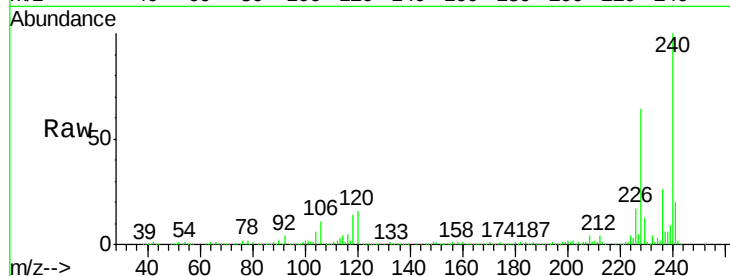
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.11 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

Tgt Ion: 240 Resp: 476504  
Ion Ratio Lower Upper  
240 100  
120 16.0 5.3 7.9#  
236 26.5 20.7 31.1

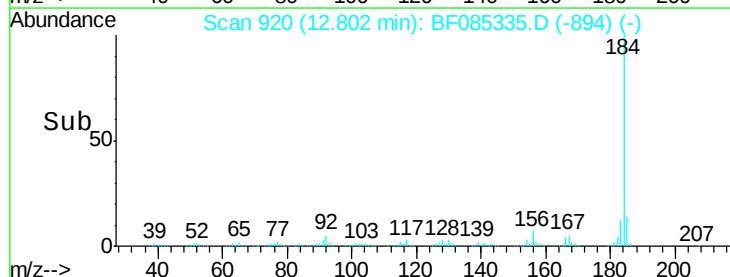
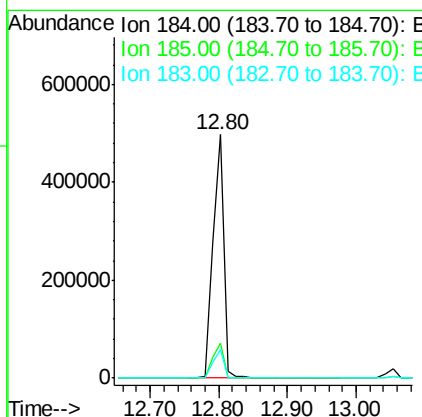
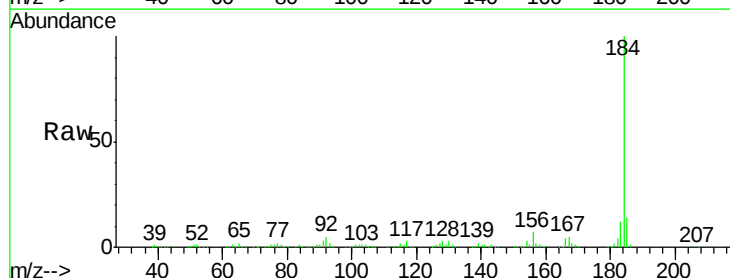
Manual Integrations  
APPROVED

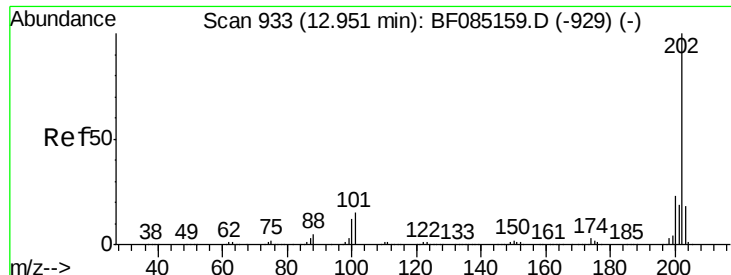
Sohil  
3/11/2016 4:58:18 PM



#76  
Benzidine  
Concen: 39.04 ng  
RT: 12.80 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Tgt Ion: 184 Resp: 553633  
Ion Ratio Lower Upper  
184 100  
185 14.2 12.4 18.6  
183 11.8 9.4 14.2





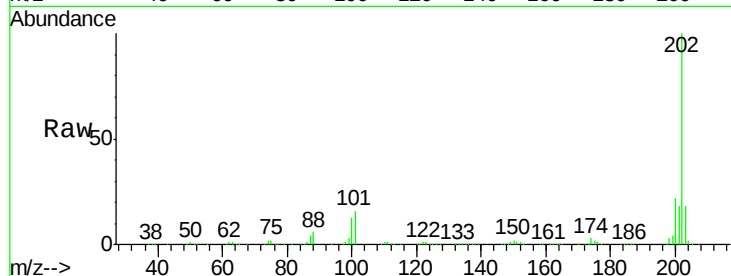
#77  
 Pyrene  
 Concen: 28.55 ng  
 RT: 12.90 min Scan# 929  
 Delta R.T. -0.01 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

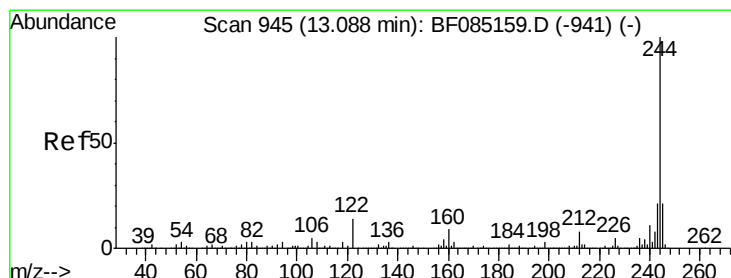
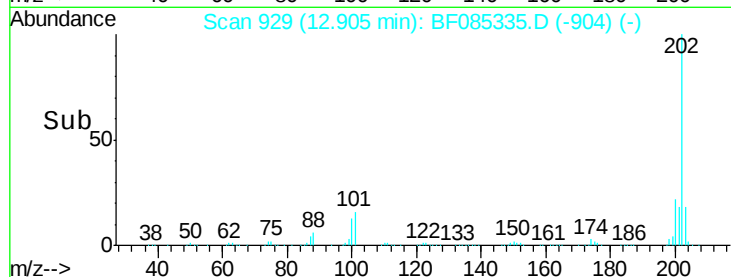
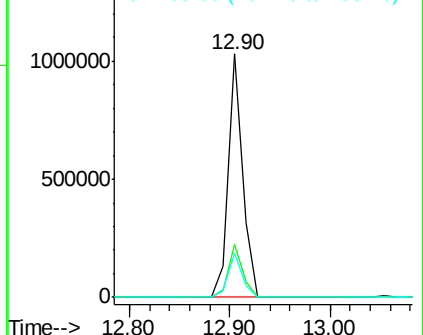
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 18.2  | 27.4  |
| 203     | 17.9  | 14.7  | 22.1  |

Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM

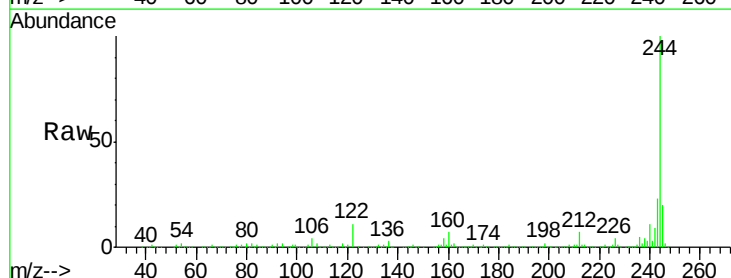


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

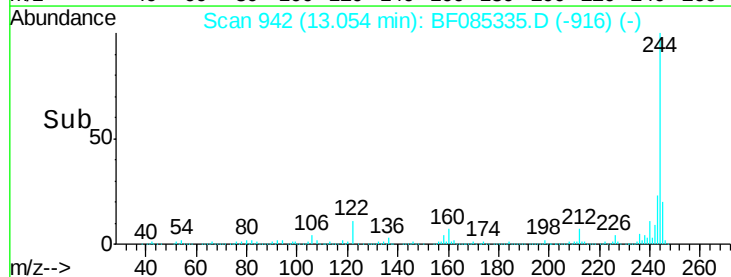
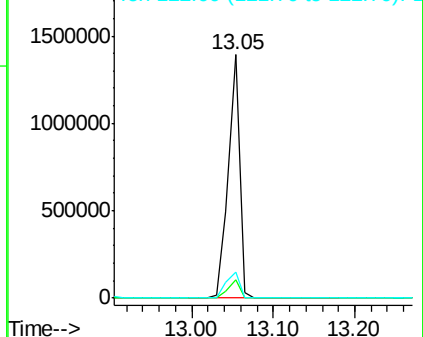


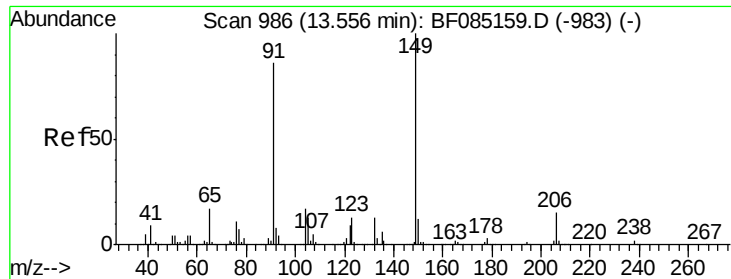
#78  
 Terphenyl-d14  
 Concen: 64.92 ng  
 RT: 13.05 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 6.4   | 9.6   |
| 122     | 10.7  | 11.4  | 17.2# |



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





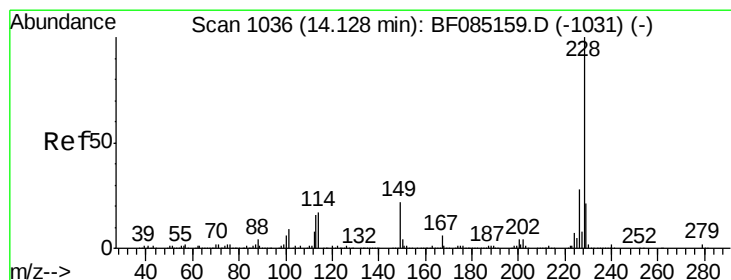
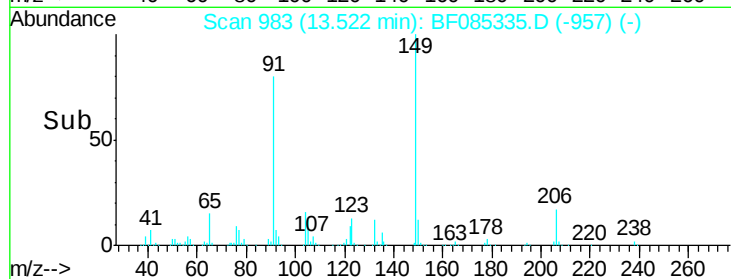
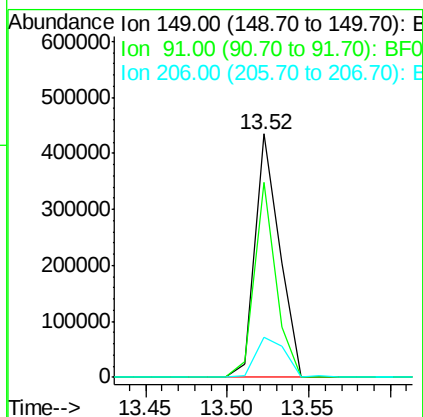
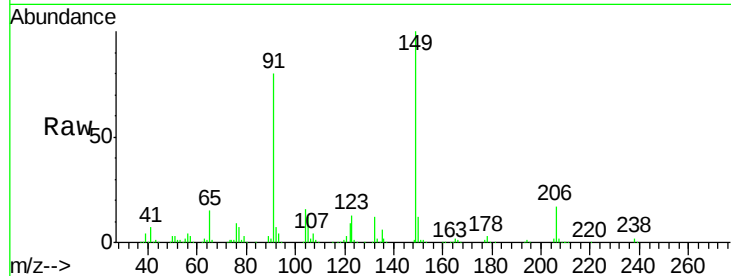
#79  
Butylbenzylphthalate  
Concen: 27.95 ng  
RT: 13.52 min Scan# 983  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 454793 |       |       |
| 91      | 80.0  | 69.0   | 103.4 |       |
| 206     | 16.6  | 12.3   | 18.5  |       |

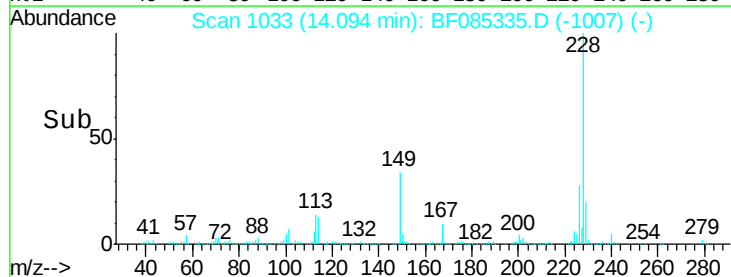
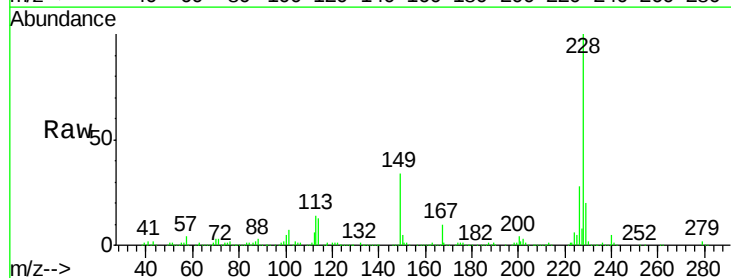
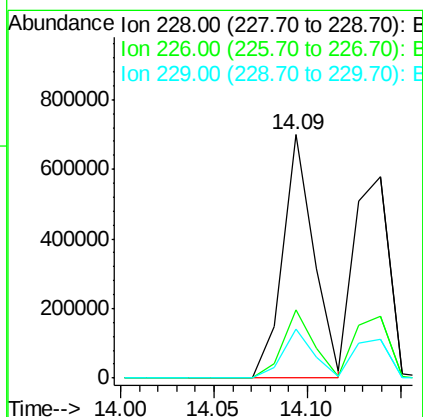
Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



#80  
Benzo(a)anthracene  
Concen: 28.44 ng  
RT: 14.09 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 811314 |       |       |
| 226     | 28.3  | 22.8   | 34.2  |       |
| 229     | 20.2  | 16.6   | 24.8  |       |





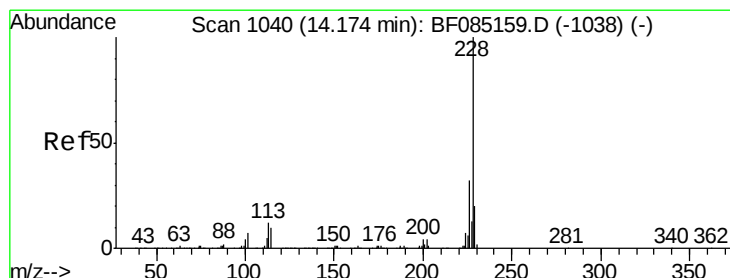
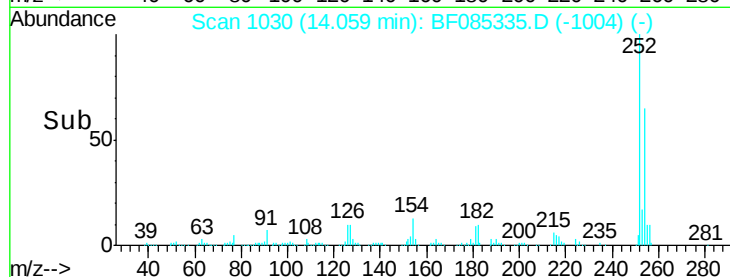
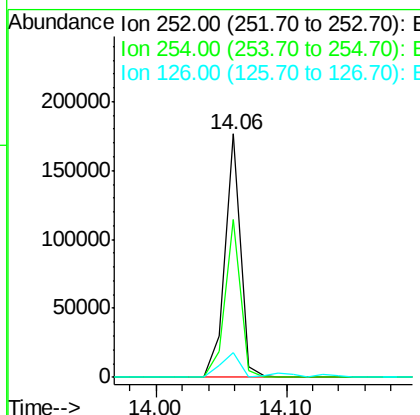
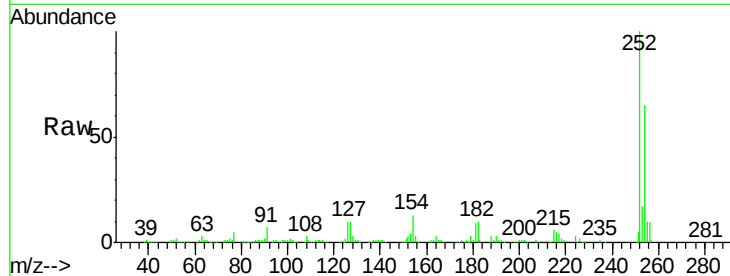
#81  
 3,3'-Dichlorobenzidine  
 Concen: 16.50 ng  
 RT: 14.06 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.6  | 51.4       | 77.0       |
| 126     | 10.2  | 12.9       | 19.3       |

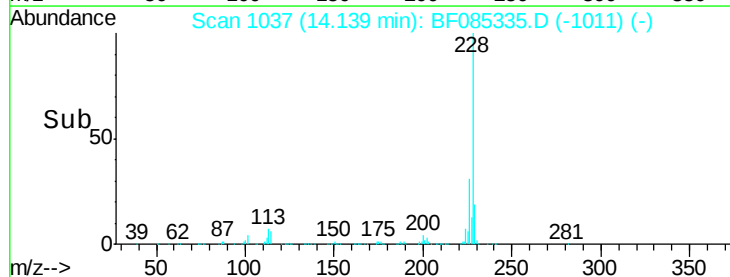
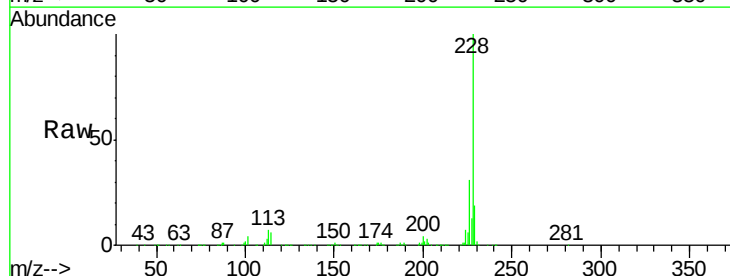
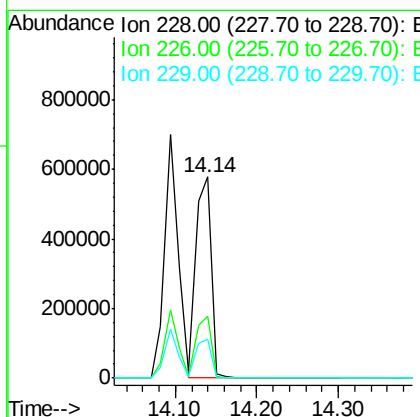
Manual Integrations  
 APPROVED

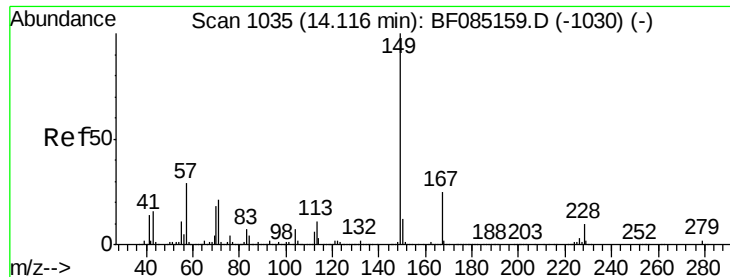
Sohil  
 3/11/2016 4:58:18 PM



#82  
 Chrysene  
 Concen: 28.90 ng  
 RT: 14.14 min Scan# 1037  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.6  | 25.2       | 37.8       |
| 229     | 19.5  | 16.0       | 24.0       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.22 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

Instrument :

BNA\_F

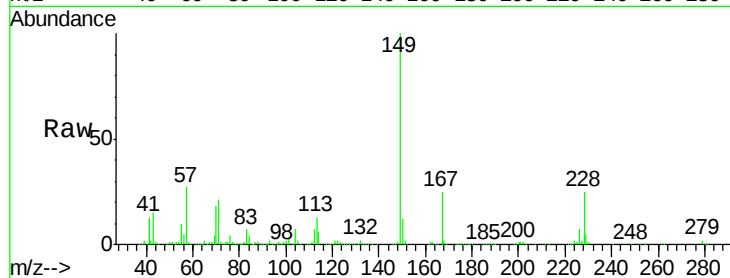
ClientSampleId :

PB88797BSD

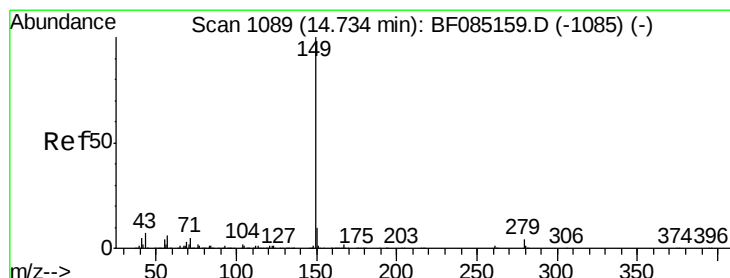
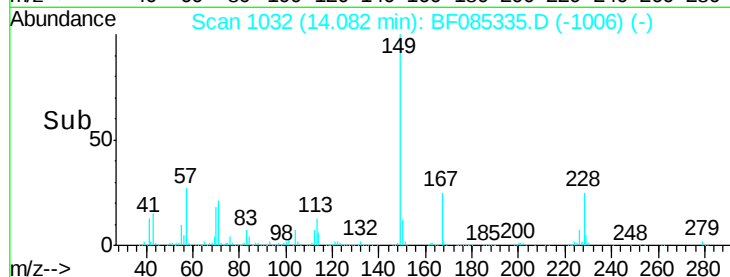
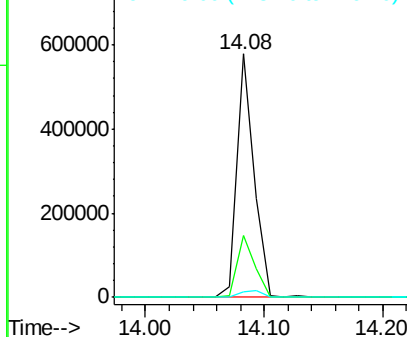
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 582929 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.4  | 20.3  | 30.5   |
| 279       | 2.3   | 1.9   | 2.9    |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 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: 29.38 ng

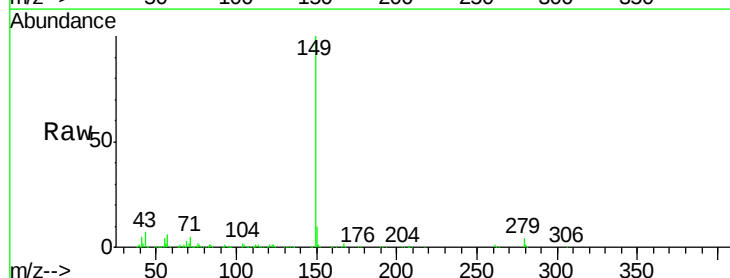
RT: 14.70 min Scan# 1086

Delta R.T. -0.00 min

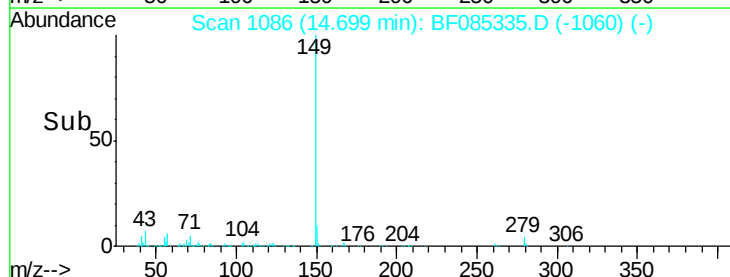
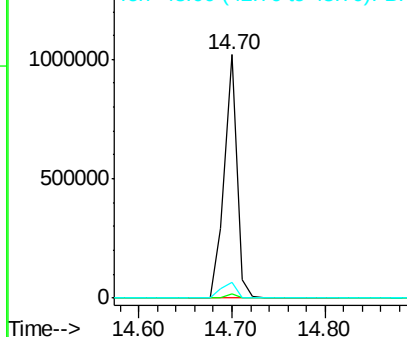
Lab File: BF085335.D

Acq: 10 Mar 2016 16:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 958084 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.1   | 1.7    |
| 43        | 8.0   | 7.8   | 11.8   |



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





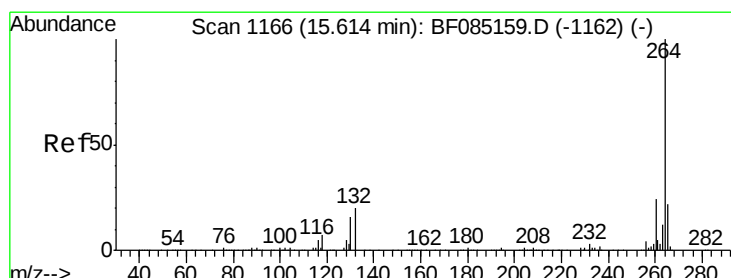
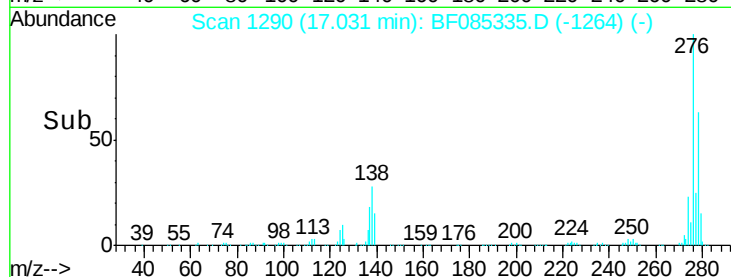
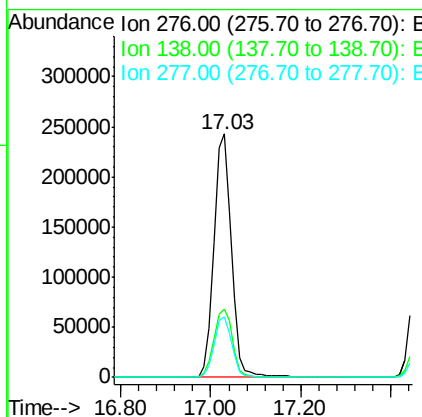
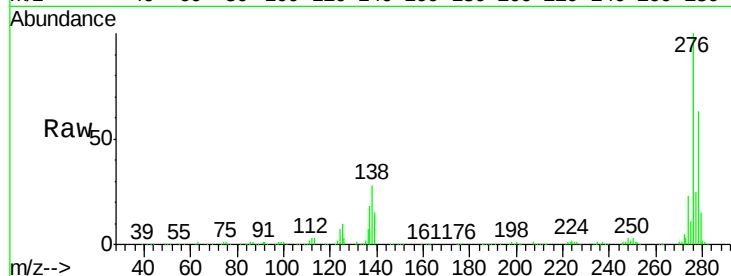
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 32.07 ng  
RT: 17.03 min Scan# 1290  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 659578 |       |       |
| 138     | 29.9  | 26.4   | 39.6  |       |
| 277     | 25.2  | 20.2   | 30.2  |       |

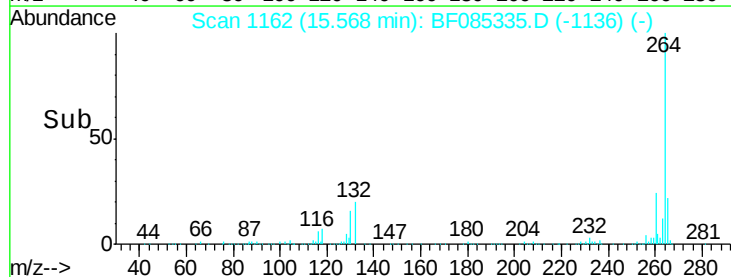
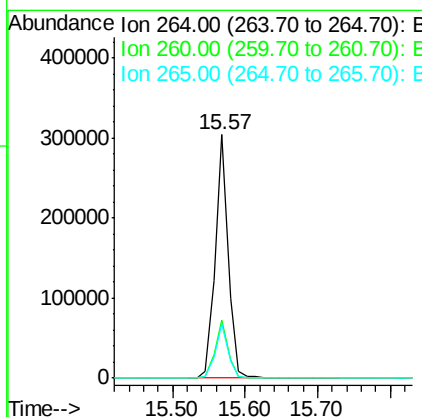
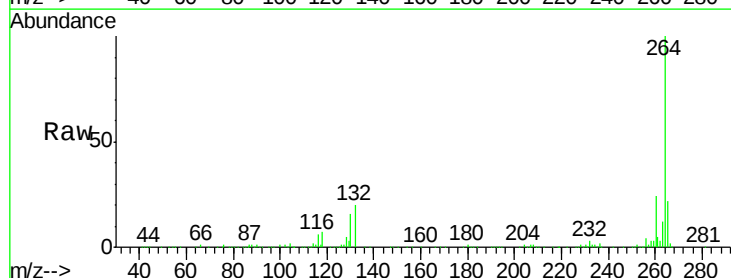
Manual Integrations  
APPROVED

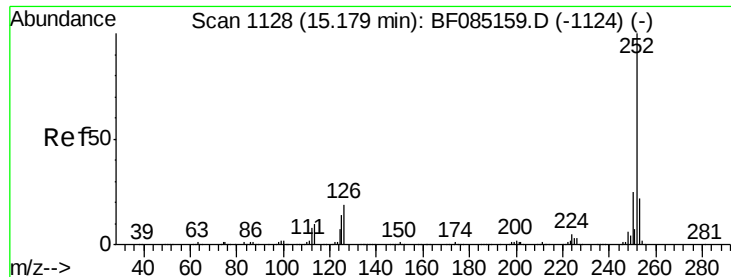
Sohil  
3/11/2016 4:58:18 PM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.57 min Scan# 1162  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 379635 |       |       |
| 260     | 24.1  | 19.2   | 28.8  |       |
| 265     | 22.2  | 17.3   | 25.9  |       |





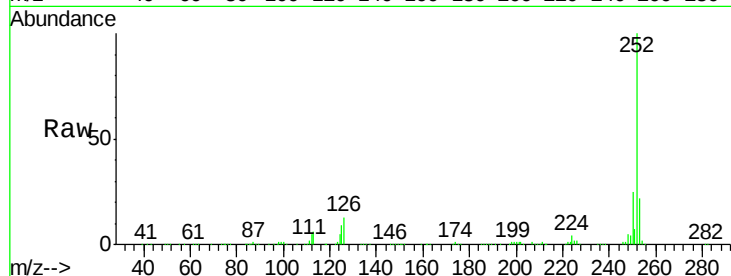
#87  
Benzo(b)fluoranthene  
Concen: 28.56 ng  
RT: 15.15 min Scan# 1125  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

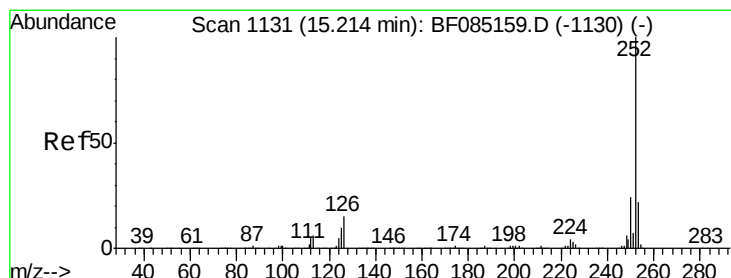
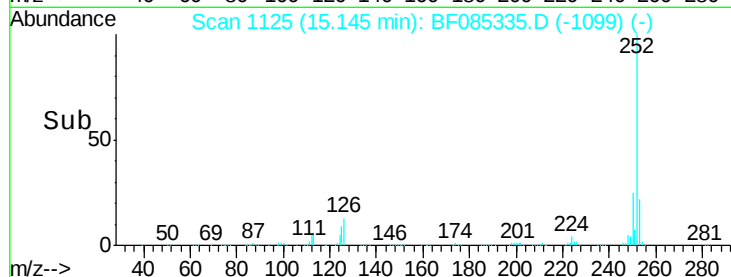
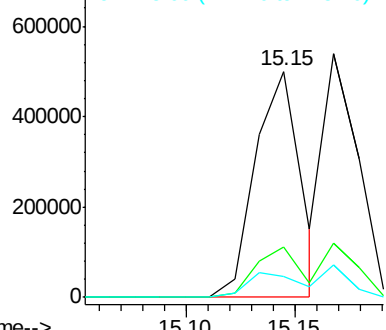
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.8  | 26.6  |
| 125     | 9.1   | 11.3  | 16.9  |

Manual Integrations  
APPROVED

Sohil  
3/11/2016 4:58:18 PM



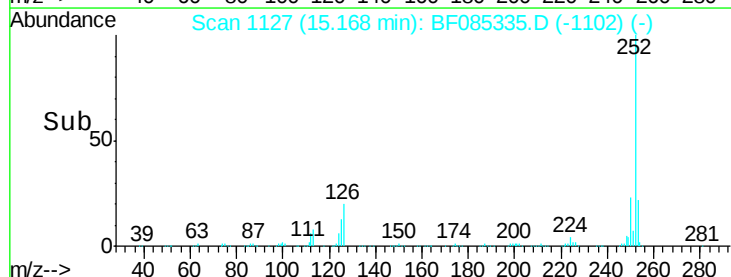
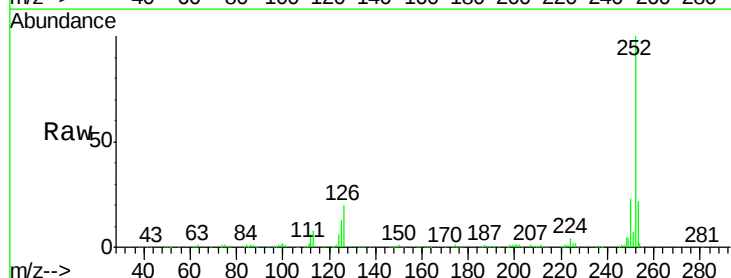
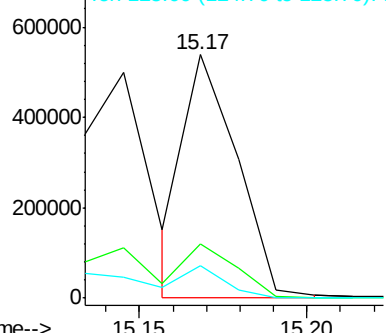
Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

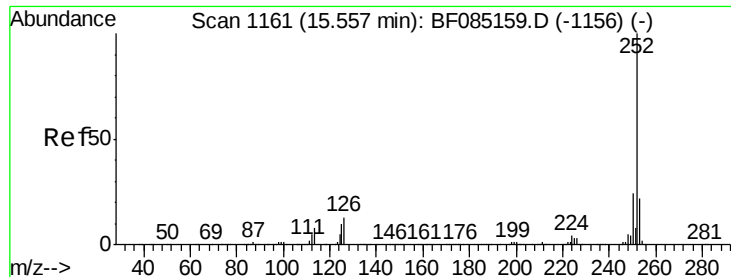


#88  
Benzo(k)fluoranthene  
Concen: 29.31 ng m  
RT: 15.17 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.8  | 26.6  |
| 125     | 13.3  | 10.4  | 15.6  |

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





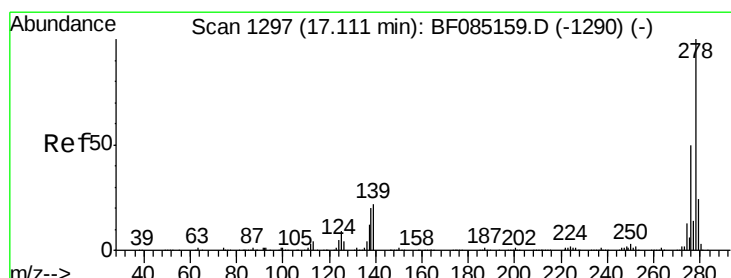
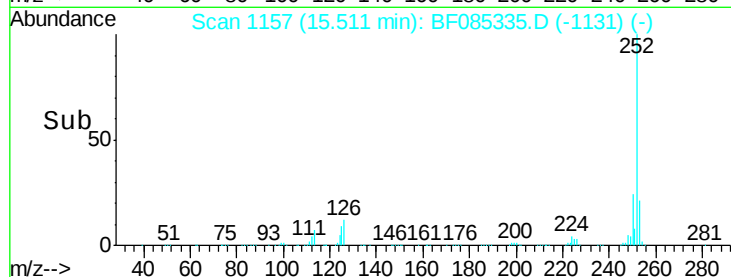
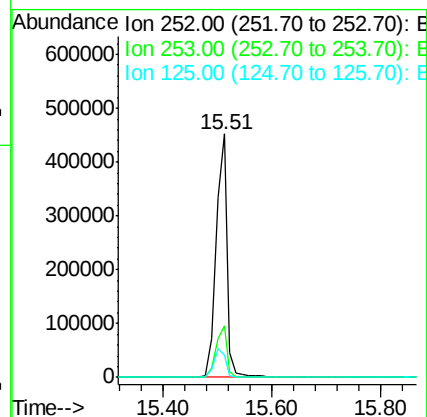
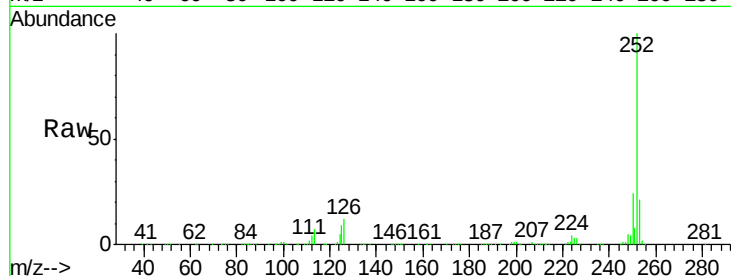
#89  
Benzo(a)pyrene  
Concen: 30.74 ng  
RT: 15.51 min Scan# 1157  
Delta R.T. -0.00 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB88797BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.2  | 17.4  | 26.0  |
| 125     | 9.2   | 8.2   | 12.4  |

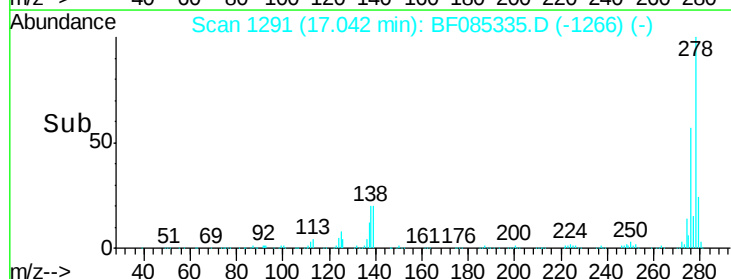
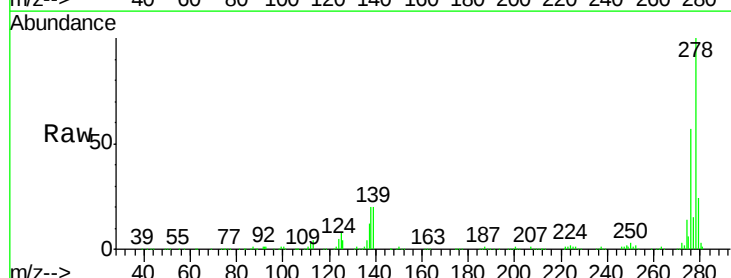
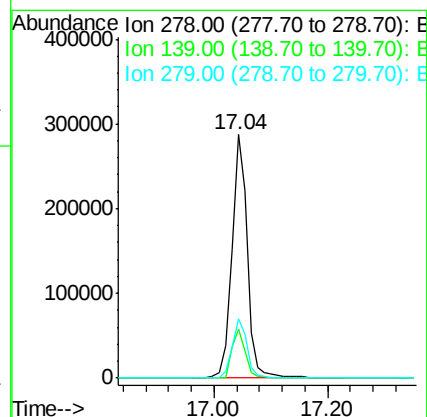
Manual Integrations  
APPROVED

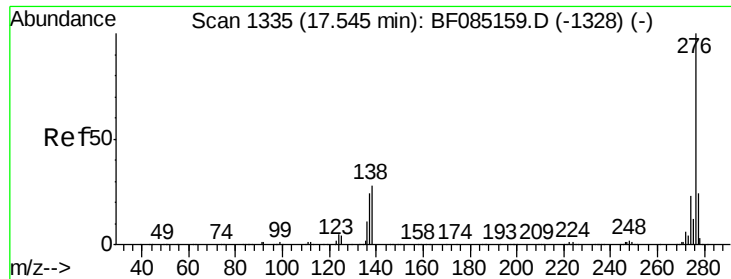
Sohil  
3/11/2016 4:58:18 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 30.71 ng  
RT: 17.04 min Scan# 1291  
Delta R.T. -0.01 min  
Lab File: BF085335.D  
Acq: 10 Mar 2016 16:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.3  | 17.3  | 25.9  |
| 279     | 24.2  | 19.2  | 28.8  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 30.60 ng  
 RT: 17.48 min Scan# 1329  
 Delta R.T. -0.00 min  
 Lab File: BF085335.D  
 Acq: 10 Mar 2016 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88797BSD

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 22.6  | 19.0       | 28.4  |
| 138     | 21.6  | 22.5       | 33.7# |

Manual Integrations  
 APPROVED

Sohil  
 3/11/2016 4:58:18 PM

