

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF041219\  
 Data File : BF113754.D  
 Acq On : 12 Apr 2019 22:52  
 Operator : JU/SJ  
 Sample : K2374-02MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

Manual Integrations  
 APPROVED

Sohil  
 4/15/2019 2:22:42 PM

Quant Time: Apr 15 03:24:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.67  | 152  | 115913   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 7.96  | 136  | 427874   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 9.70  | 164  | 204822   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 11.19 | 188  | 400376   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 13.82 | 240  | 288876   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 15.23 | 264  | 331809   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.29  | 112 | 633168 | 93.15 | ng | 0.00  |
| 7) Phenol-d6             | 6.33  | 99  | 787501 | 94.00 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.24  | 82  | 438324 | 60.01 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.50 | 330 | 216388 | 87.95 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 9.03  | 172 | 852347 | 66.99 | ng | -0.02 |
| 79) Terphenyl-d14        | 12.76 | 244 | 875976 | 61.74 | ng | -0.03 |

## Target Compounds

|                                |      |     |        |        |    | Qvalue |
|--------------------------------|------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.33 | 88  | 85605  | 26.590 | ng | 94     |
| 3) Pyridine                    | 3.06 | 79  | 195333 | 23.184 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 2.98 | 42  | 92817  | 25.928 | ng | 95     |
| 6) Aniline                     | 6.34 | 93  | 208890 | 20.570 | ng | # 78   |
| 8) 2-Chlorophenol              | 6.46 | 128 | 227472 | 28.923 | ng | 99     |
| 9) Benzaldehyde                | 6.23 | 77  | 85342  | 17.132 | ng | 99     |
| 10) Phenol                     | 6.34 | 94  | 284682 | 29.752 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 6.41 | 93  | 209824 | 28.190 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.61 | 146 | 243811 | 28.787 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.69 | 146 | 248182 | 28.997 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 6.85 | 146 | 231555 | 29.973 | ng | 97     |
| 15) Benzyl Alcohol             | 6.83 | 79  | 151440 | 26.734 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 325562 | 28.101 | ng | 60     |
| 17) 2-Methylphenol             | 6.95 | 107 | 177375 | 29.103 | ng | # 92   |
| 18) Hexachloroethane           | 7.18 | 117 | 86683  | 27.825 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.09 | 70  | 151737 | 29.371 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 230747 | 31.246 | ng | 91     |
| 22) Acetophenone               | 7.09 | 105 | 324207 | 34.499 | ng | # 97   |
| 24) Nitrobenzene               | 7.26 | 77  | 221299 | 29.418 | ng | 100    |
| 25) Isophorone                 | 7.50 | 82  | 409009 | 29.066 | ng | 97     |
| 26) 2-Nitrophenol              | 7.58 | 139 | 117828 | 29.103 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 197127 | 34.057 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93  | 259952 | 29.220 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.85 | 162 | 193966 | 31.321 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.90 | 180 | 202312 | 30.083 | ng | 99     |
| 31) Naphthalene                | 7.97 | 128 | 647962 | 31.255 | ng | 99     |
| 32) Benzoic acid               | 7.76 | 122 | 19990  | 4.460  | ng | 90     |
| 33) 4-Chloroaniline            | 8.05 | 127 | 76288  | 9.280  | ng | 98     |
| 34) Hexachlorobutadiene        | 8.09 | 225 | 119335 | 29.105 | ng | 98     |
| 35) Caprolactam                | 8.40 | 113 | 69318  | 35.261 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 8.54 | 107 | 186994 | 30.079 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.67 | 142 | 439786 | 32.254 | ng | 98     |
| 38) 1-Methylnaphthalene        | 8.76 | 142 | 411495 | 31.298 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.84 | 216 | 202559 | 30.579 | ng | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF041219\  
 Data File : BF113754.D  
 Acq On : 12 Apr 2019 22:52  
 Operator : JU/SJ  
 Sample : K2374-02MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

Manual Integrations  
 APPROVED

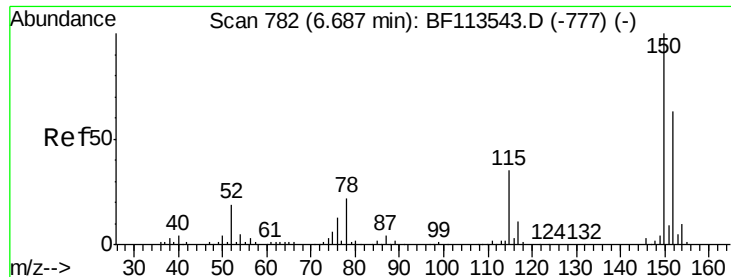
Sohil  
 4/15/2019 2:22:42 PM

Quant Time: Apr 15 03:24:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 04:05:31 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 8.82  | 237  | 52127    | 32.097 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 8.96  | 196  | 125208   | 29.945 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 9.02  | 196  | 122068   | 27.193 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 9.13  | 154  | 528311   | 31.258 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 9.16  | 162  | 396252   | 30.965 | ng    | 97       |
| 48) 2-Nitroaniline             | 9.26  | 65   | 119537   | 30.527 | ng    | 98       |
| 49) Acenaphthylene             | 9.56  | 152  | 640035   | 30.757 | ng    | 99       |
| 50) Dimethylphthalate          | 9.43  | 163  | 526968   | 34.903 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.50  | 165  | 99792    | 29.985 | ng #  | 90       |
| 52) Acenaphthene               | 9.74  | 154  | 371215   | 31.164 | ng    | 99       |
| 53) 3-Nitroaniline             | 9.67  | 138  | 78191    | 20.665 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 9.83  | 184  | 11378    | 7.308  | ng #  | 87       |
| 55) Dibenzofuran               | 9.91  | 168  | 559433   | 32.016 | ng    | 99       |
| 56) 4-Nitrophenol              | 9.88  | 139  | 47311m   | 20.156 | ng    |          |
| 57) 2,4-Dinitrotoluene         | 9.92  | 165  | 129634   | 32.207 | ng    | 97       |
| 58) Fluorene                   | 10.25 | 166  | 438659   | 31.741 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.05 | 232  | 101491   | 26.119 | ng    | 99       |
| 60) Diethylphthalate           | 10.13 | 149  | 447750   | 30.759 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.24 | 204  | 218408   | 32.130 | ng    | 98       |
| 62) 4-Nitroaniline             | 10.29 | 138  | 100007   | 25.991 | ng    | 97       |
| 63) Azobenzene                 | 10.40 | 77   | 413857   | 30.027 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 10.33 | 198  | 29256    | 13.880 | ng    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.36 | 169  | 390482   | 31.769 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 10.73 | 248  | 135459   | 30.166 | ng    | 98       |
| 68) Hexachlorobenzene          | 10.80 | 284  | 153300   | 29.795 | ng #  | 94       |
| 69) Atrazine                   | 10.89 | 200  | 116812   | 30.152 | ng    | 98       |
| 70) Pentachlorophenol          | 11.01 | 266  | 76275    | 31.461 | ng    | 97       |
| 71) Phenanthrene               | 11.21 | 178  | 638483   | 32.093 | ng    | 98       |
| 72) Anthracene                 | 11.26 | 178  | 660654   | 32.638 | ng    | 99       |
| 73) Carbazole                  | 11.42 | 167  | 611034   | 32.276 | ng    | 99       |
| 74) Di-n-butylphthalate        | 11.75 | 149  | 691177   | 30.691 | ng    | 99       |
| 75) Fluoranthene               | 12.40 | 202  | 660167   | 30.966 | ng    | 97       |
| 77) Benzidine                  | 12.52 | 184  | 278598   | 25.935 | ng    | 97       |
| 78) Pyrene                     | 12.62 | 202  | 650272   | 29.584 | ng    | 99       |
| 80) Butylbenzylphthalate       | 13.23 | 149  | 258738   | 28.918 | ng    | 99       |
| 81) Benzo(a)anthracene         | 13.81 | 228  | 482707   | 28.967 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 13.77 | 252  | 137093   | 21.359 | ng    | 98       |
| 83) Chrysene                   | 13.85 | 228  | 503341   | 29.797 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 13.79 | 149  | 341110   | 31.532 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 14.40 | 149  | 553374   | 31.470 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 16.59 | 276  | 697637   | 44.730 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 14.83 | 252  | 561999   | 27.670 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 14.86 | 252  | 514754   | 28.239 | ng    | 99       |
| 90) Benzo(a)pyrene             | 15.17 | 252  | 547163   | 30.317 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 16.59 | 278  | 589032   | 34.900 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 16.99 | 276  | 606331   | 35.197 | ng    | 98       |

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





#1

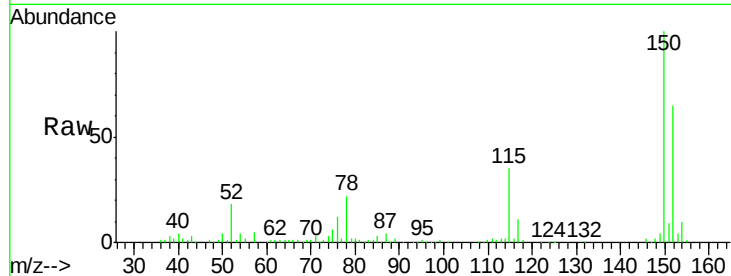
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.67 min Scan# 780  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

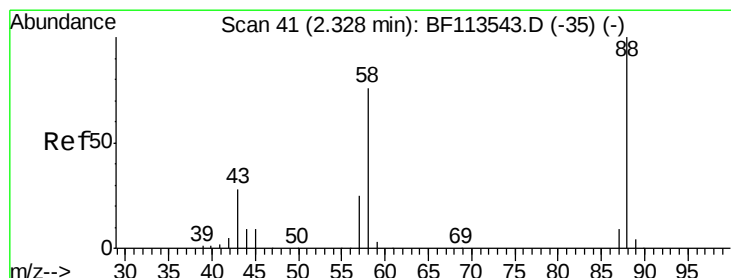
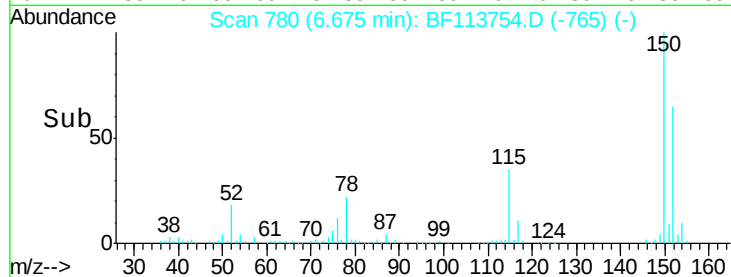
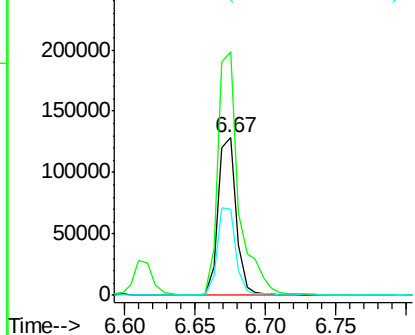
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.6 | 124.7 | 187.1 |
| 115     | 54.6  | 46.0  | 69.0  |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



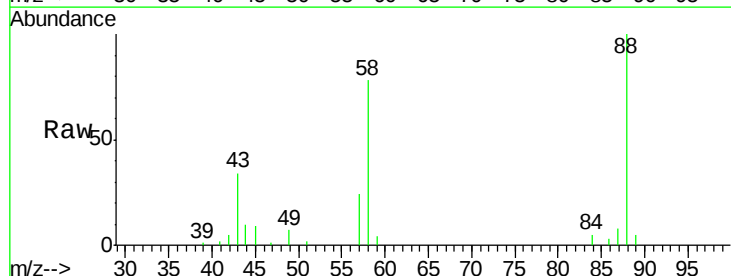
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



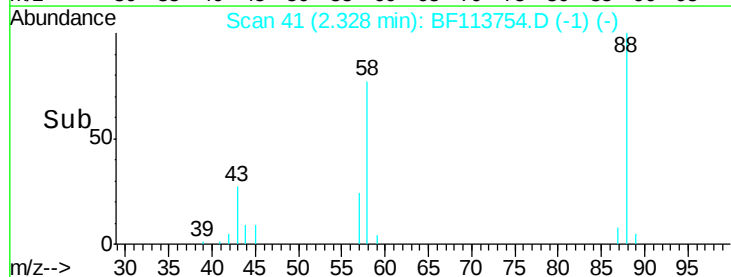
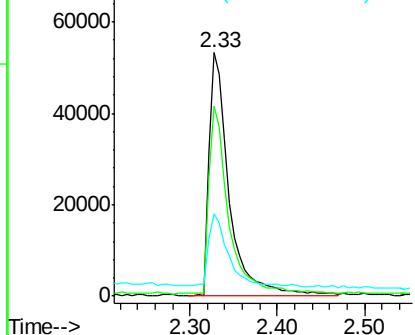
#2

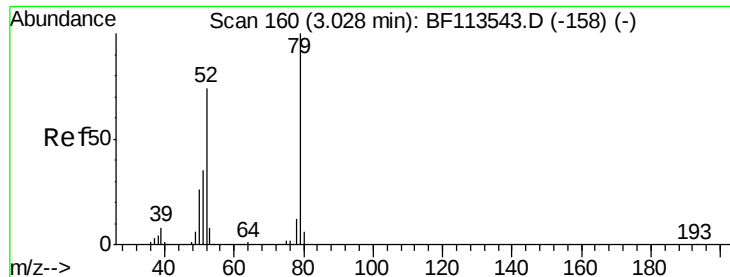
1,4-Dioxane  
Concen: 26.590 ng  
RT: 2.33 min Scan# 41  
Delta R.T. 0.00 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 72.7  | 61.9  | 92.9  |
| 43      | 26.8  | 24.2  | 36.4  |



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 23.184 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.04 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

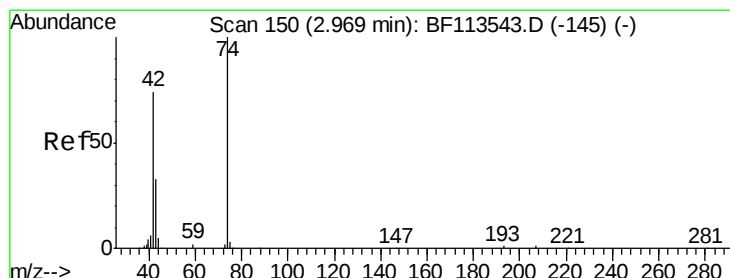
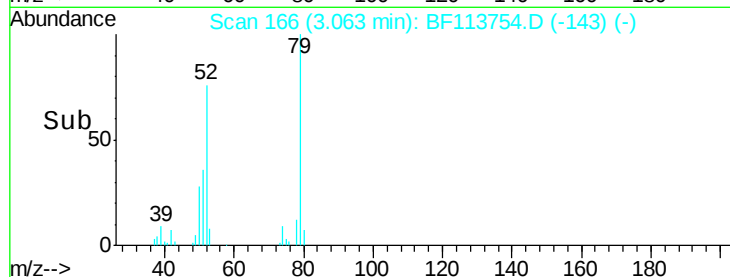
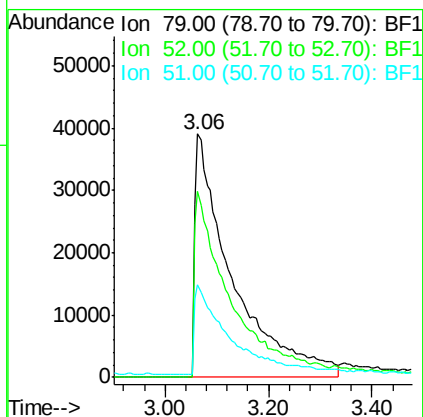
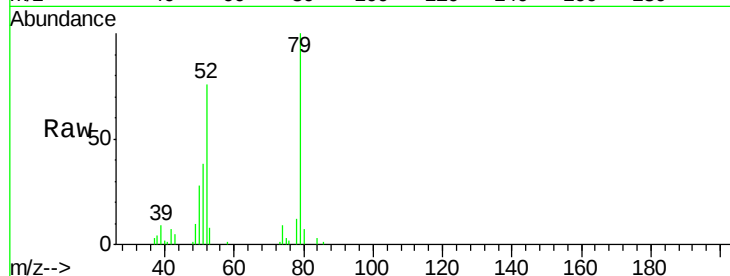
ClientSampled :

P-1(0-10)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 195333 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 76.3  | 61.0  | 91.4   |
| 51       | 37.9  | 30.6  | 45.8   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#4

n-Nitrosodimethylamine

Concen: 25.928 ng

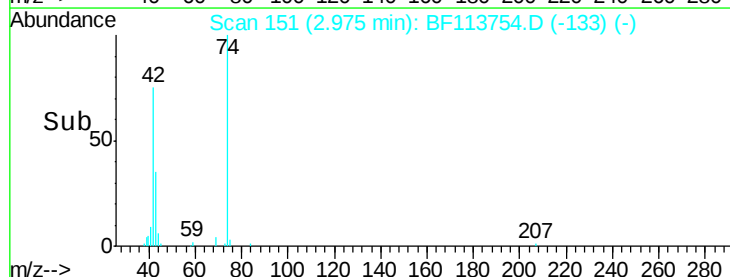
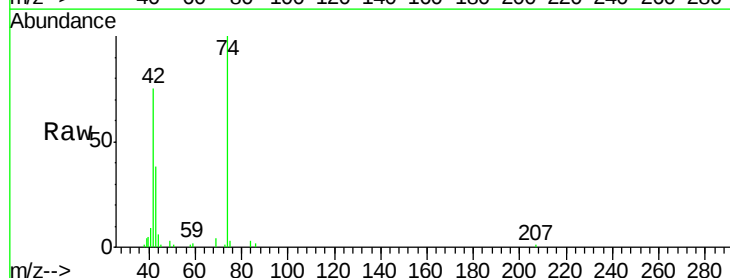
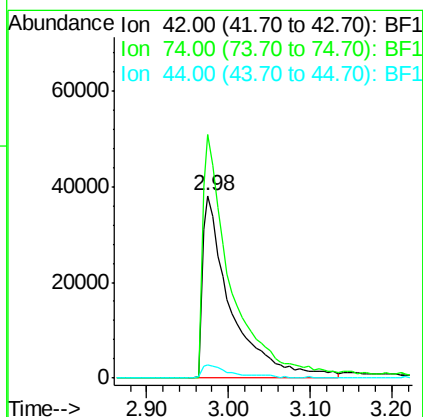
RT: 2.98 min Scan# 151

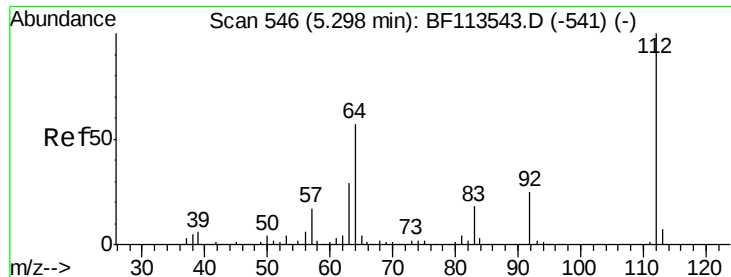
Delta R.T. 0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 92817 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 133.6 | 102.4 | 153.6 |
| 44       | 7.5   | 5.5   | 8.3   |





#5

2-Fluorophenol

Concen: 93.147 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

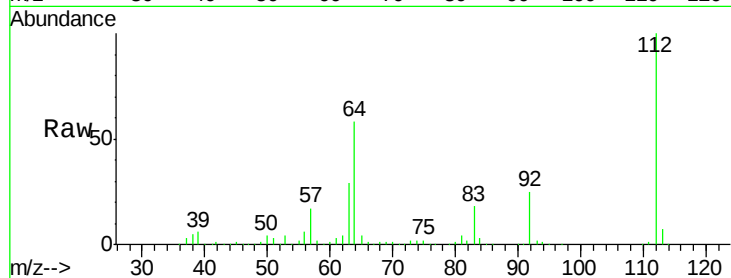
ClientSampleId :

P-1(0-10)MSD

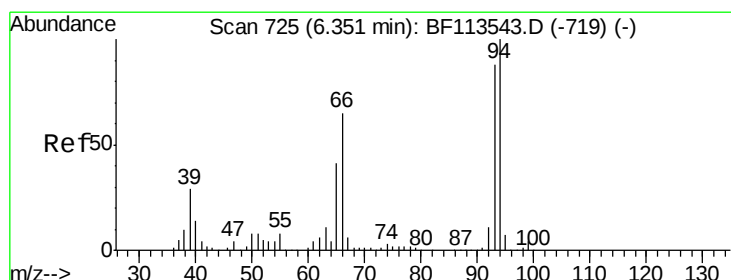
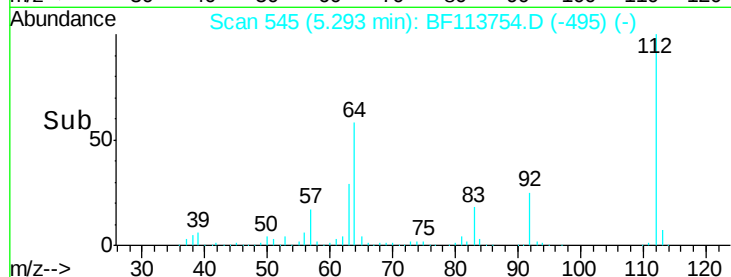
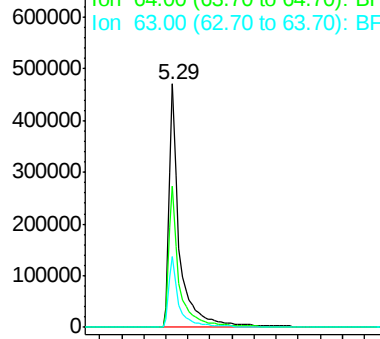
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 633168 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.1  | 49.2  | 73.8   |
| 63        | 29.1  | 24.9  | 37.3   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



Abundance Ion 112.00 (111.70 to 112.70): BF113754.D (-541) (-)



#6

Aniline

Concen: 20.570 ng

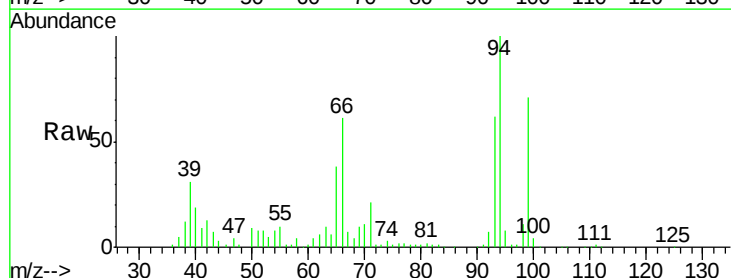
RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

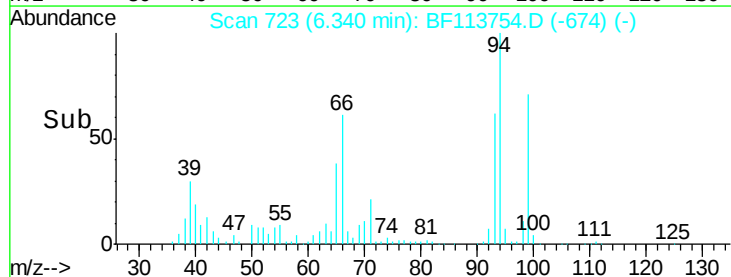
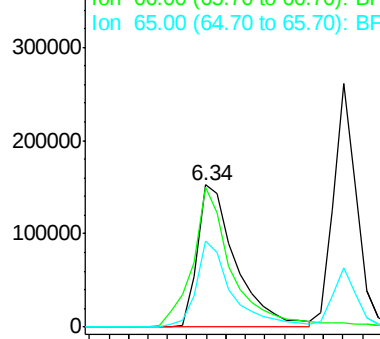
Lab File: BF113754.D

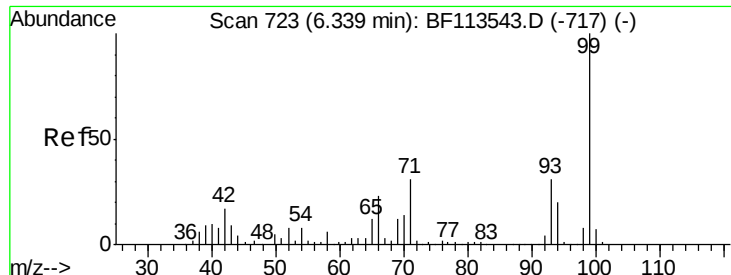
Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 208890 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 98.2  | 62.1  | 93.1#  |
| 65        | 60.8  | 38.7  | 58.1#  |



Abundance Ion 93.00 (92.70 to 93.70): BF113754.D (-719) (-)





#7

Phenol-d6

Concen: 93.997 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

ClientSampleId :

P-1(0-10)MSD

Tgt Ion: 99 Resp: 787501

Ion Ratio Lower Upper

99 100

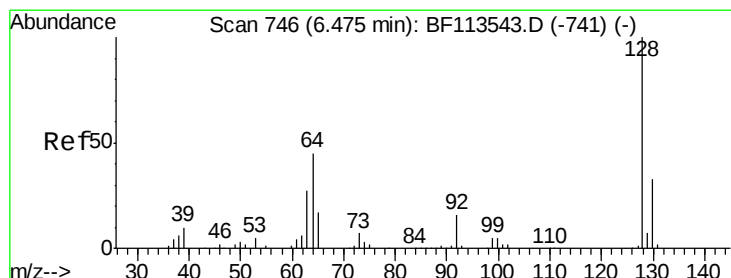
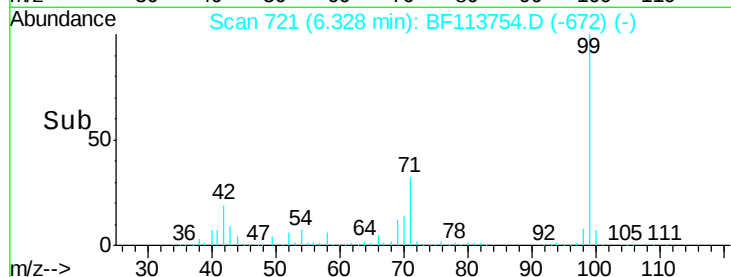
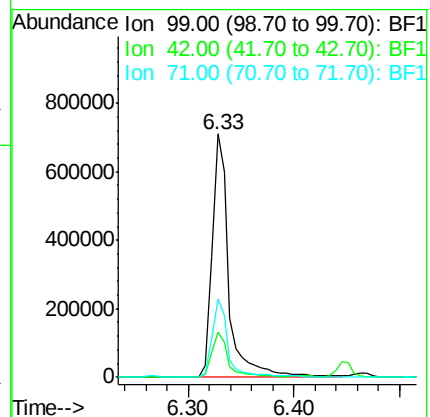
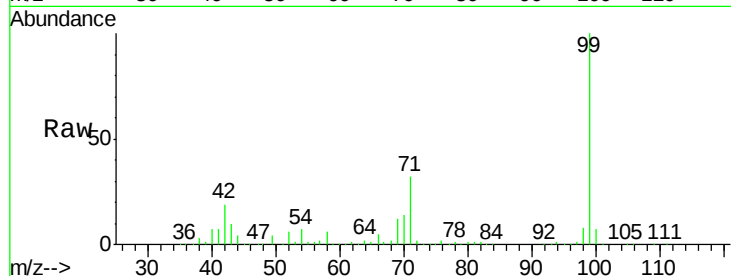
42 18.7 14.8 22.2

71 32.1 24.9 37.3

Manual Integrations  
APPROVED

Sohil

4/15/2019 2:22:42 PM



#8

2-Chlorophenol

Concen: 28.923 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

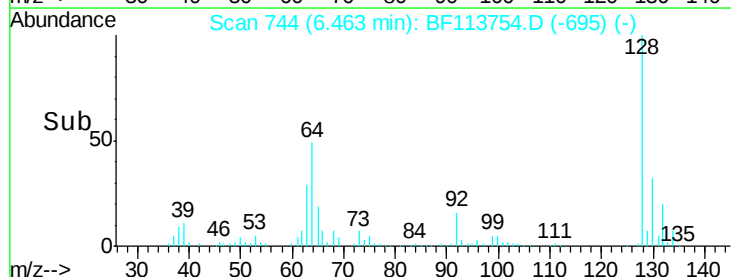
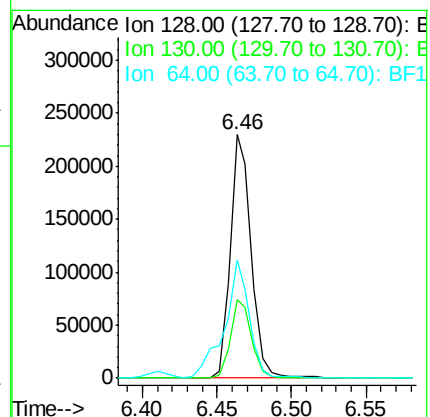
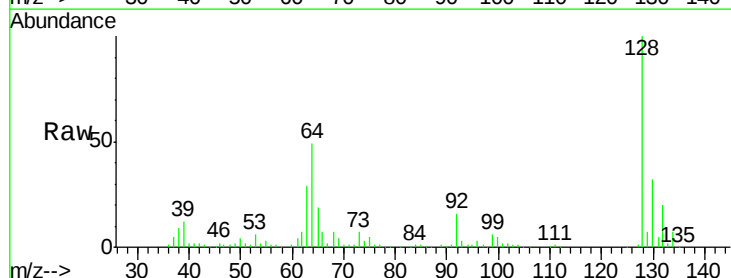
Tgt Ion: 128 Resp: 227472

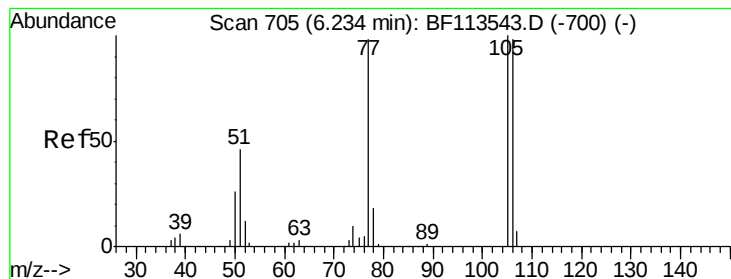
Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

64 48.7 29.4 69.4





#9

Benzaldehyde

Concen: 17.132 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

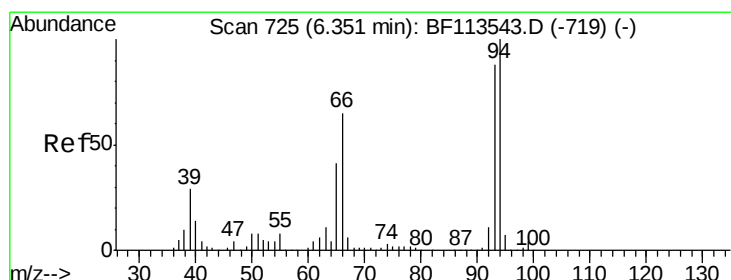
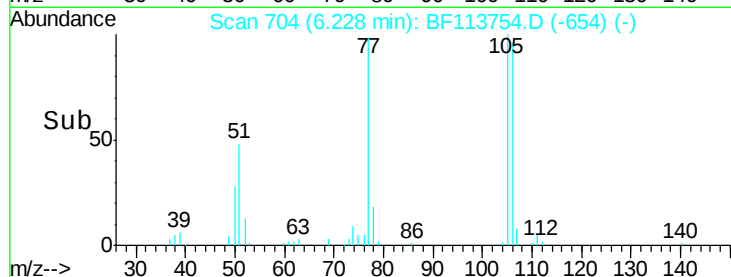
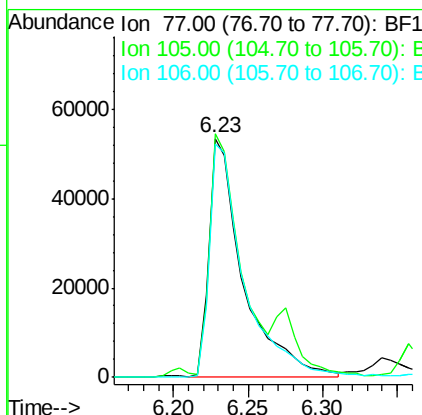
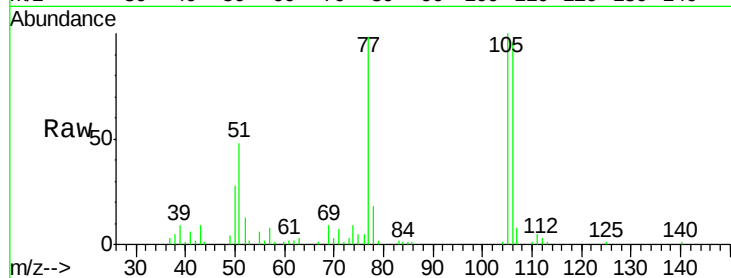
ClientSampleId :

P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 102.0 | 80.9  | 120.9 |
| 106     | 97.7  | 77.8  | 117.8 |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#10

Phenol

Concen: 29.752 ng

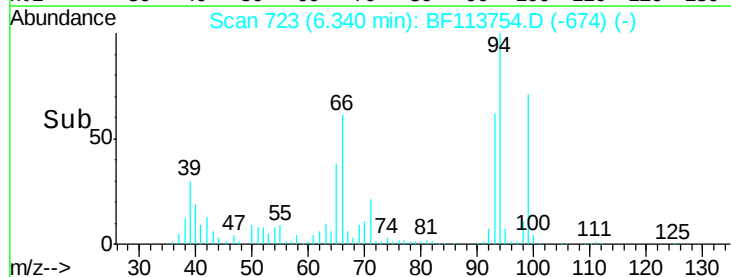
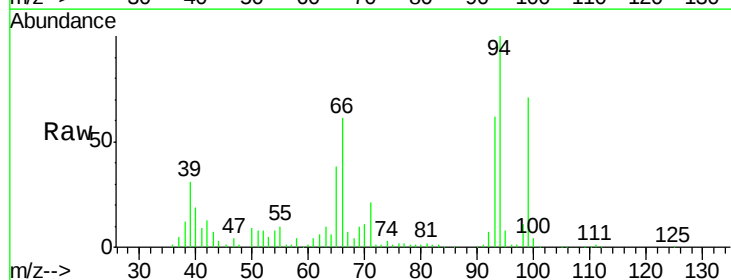
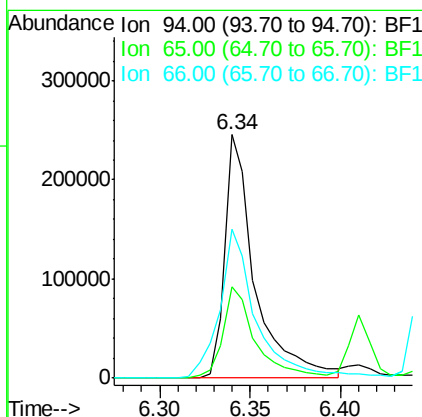
RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 37.8  | 21.4  | 61.4  |
| 66      | 61.0  | 46.4  | 86.4  |





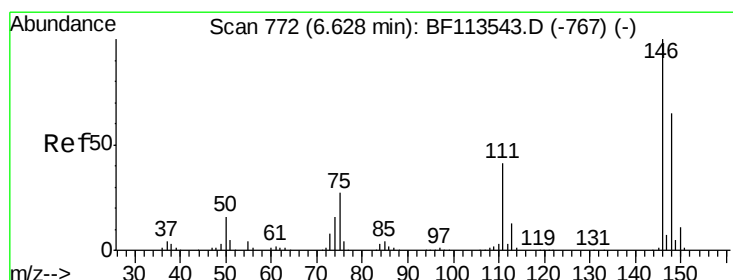
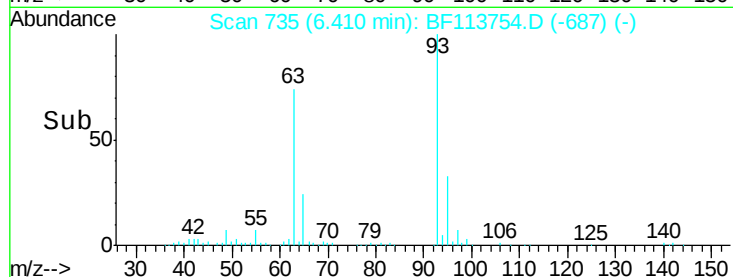
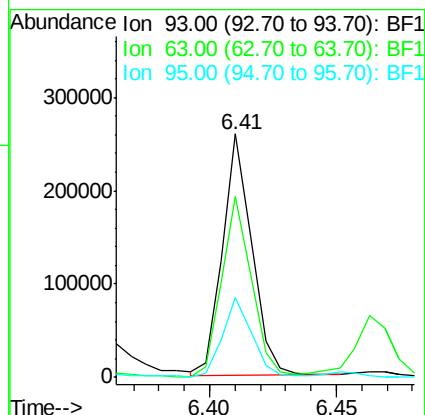
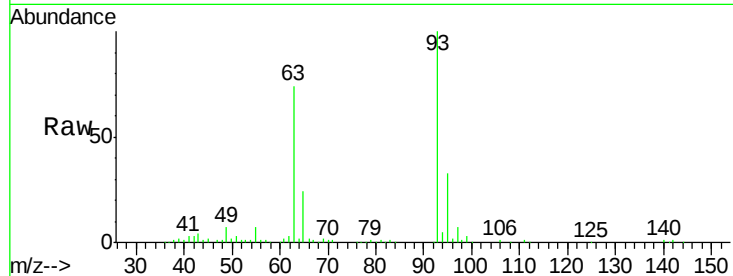
#11  
bis(2-Chloroethyl)ether  
Concen: 28.190 ng  
RT: 6.41 min Scan# 735  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 209824 |       |       |
| 63      | 74.5  | 56.1   | 96.1  |       |
| 95      | 32.8  | 12.8   | 52.8  |       |

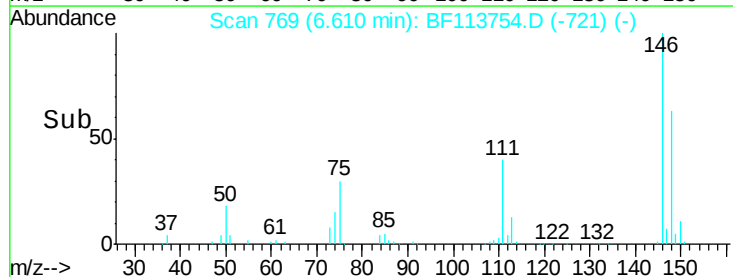
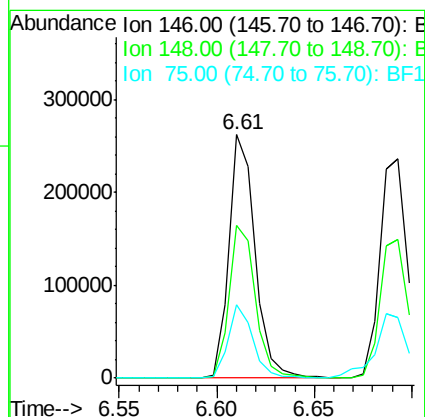
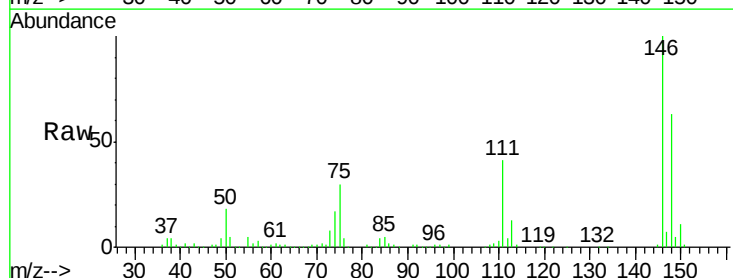
Manual Integrations  
APPROVED

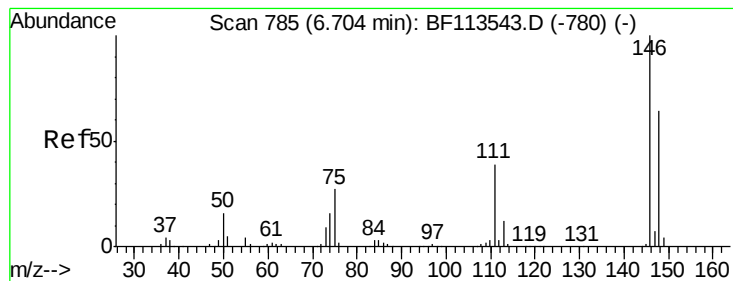
Sohil  
4/15/2019 2:22:42 PM



#12  
1,3-Dichlorobenzene  
Concen: 28.787 ng  
RT: 6.61 min Scan# 769  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 243811 |       |       |
| 148     | 62.5  | 51.4   | 77.0  |       |
| 75      | 30.0  | 24.8   | 37.2  |       |





#13

1,4-Dichlorobenzene

Concen: 28.997 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

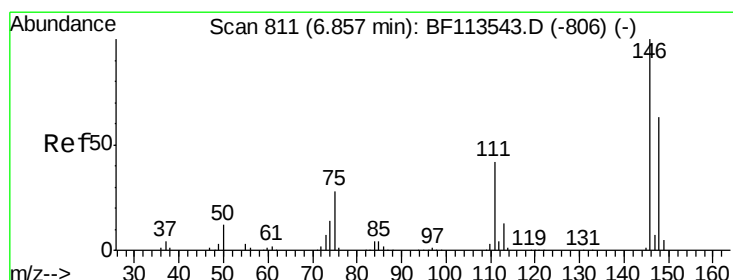
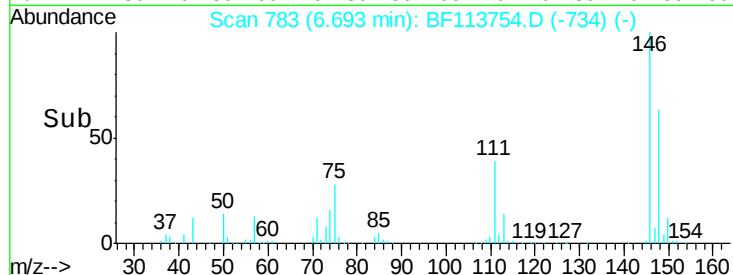
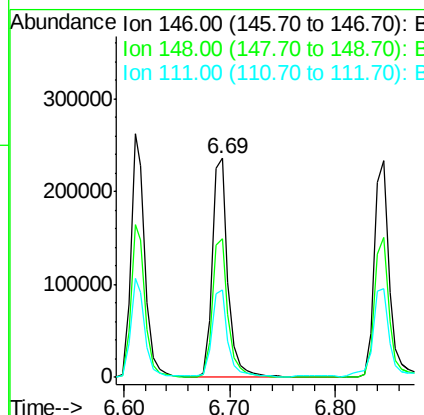
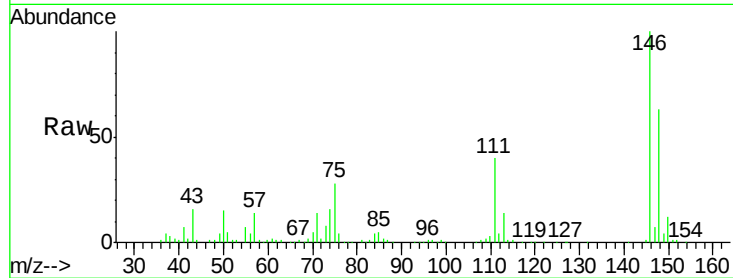
ClientSampleId :

P-1(0-10)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 248182 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.5  | 51.1  | 76.7   |
| 111       | 39.7  | 32.8  | 49.2   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#14

1,2-Dichlorobenzene

Concen: 29.973 ng

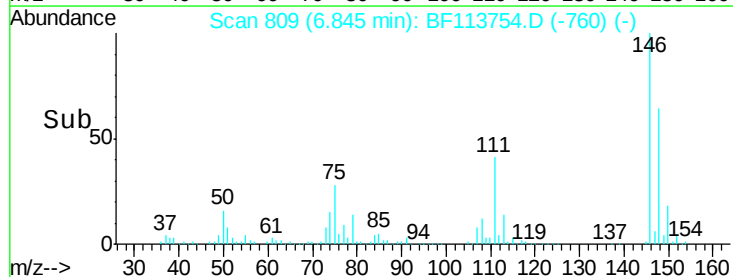
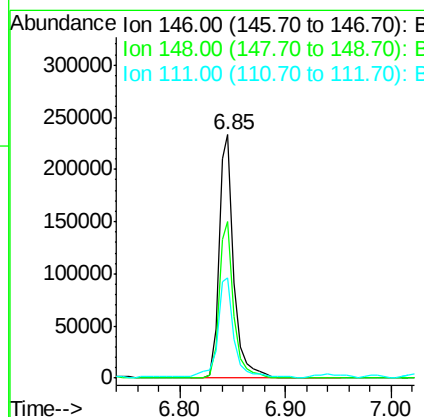
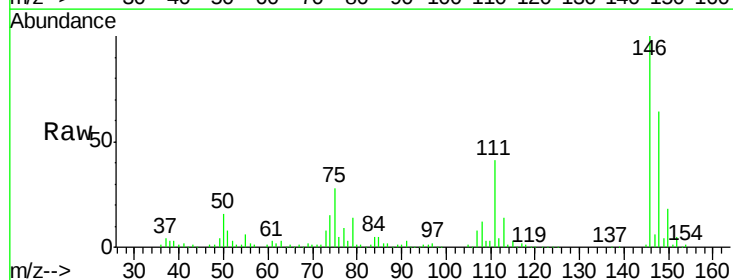
RT: 6.85 min Scan# 809

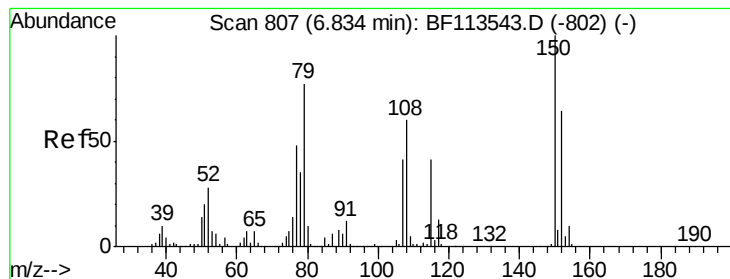
Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 231555 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 50.2  | 75.4   |
| 111       | 41.1  | 35.4  | 53.2   |





#15

Benzyl Alcohol

Concen: 26.734 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

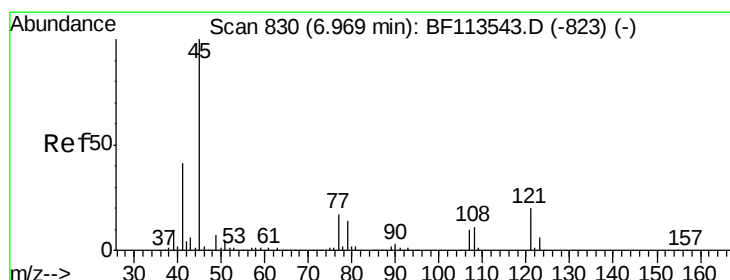
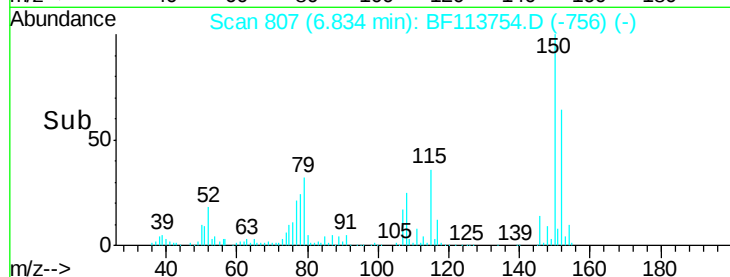
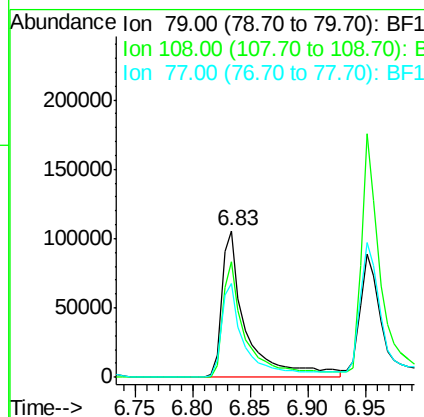
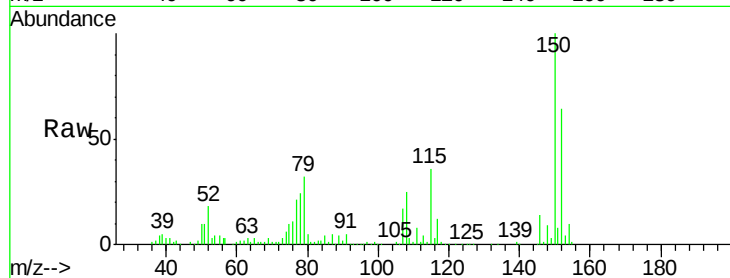
ClientSampleId :

P-1(0-10)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 151440 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 79.2  | 62.0  | 93.0   |
| 77       | 64.0  | 49.9  | 74.9   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.101 ng

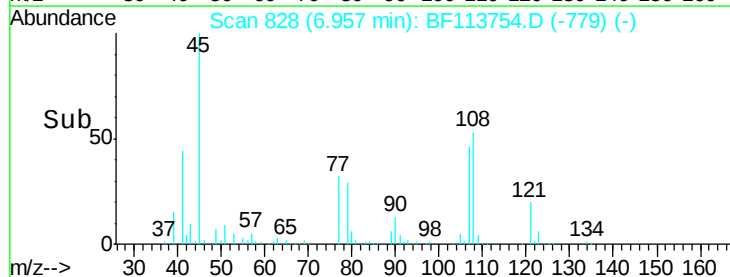
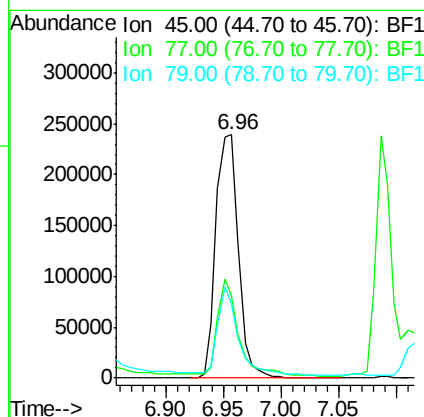
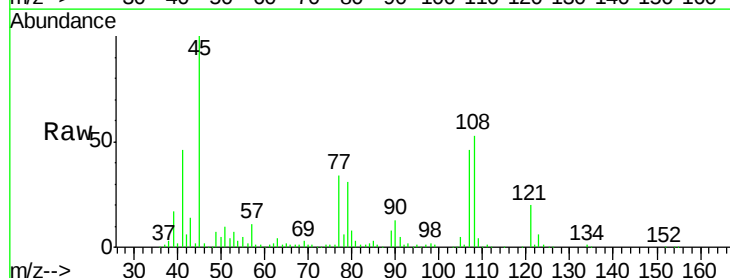
RT: 6.96 min Scan# 828

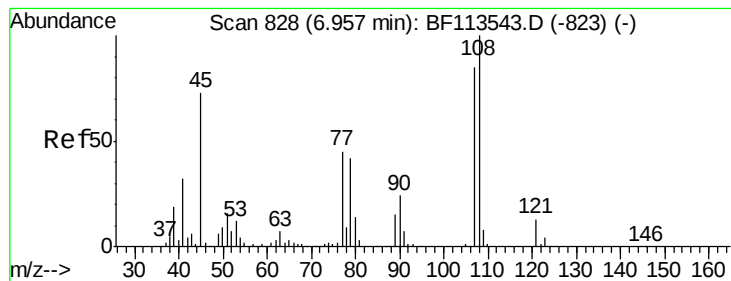
Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 325562 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 33.8  | 0.0   | 36.6   |
| 79       | 30.5  | 0.0   | 34.0   |





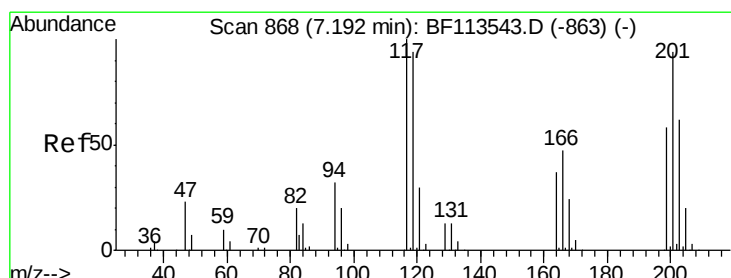
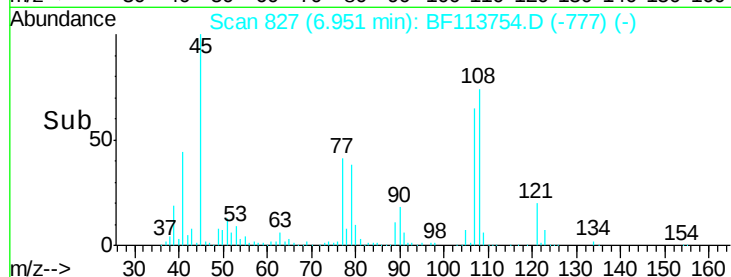
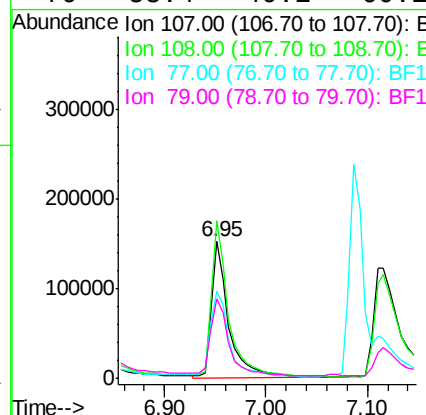
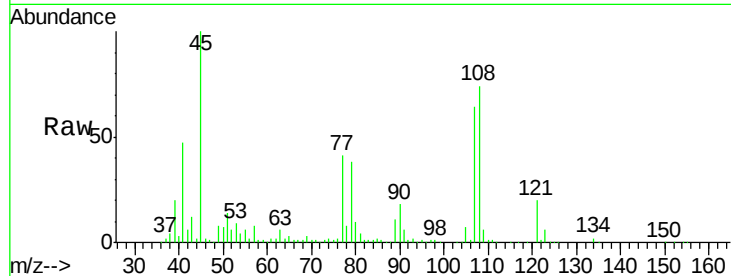
#17  
2-Methylphenol  
Concen: 29.103 ng  
RT: 6.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 177375 |       |       |
| 108     | 114.9 | 93.4   | 140.0 |       |
| 77      | 63.9  | 41.2   | 61.8  |       |
| 79      | 58.4  | 40.1   | 60.1  |       |

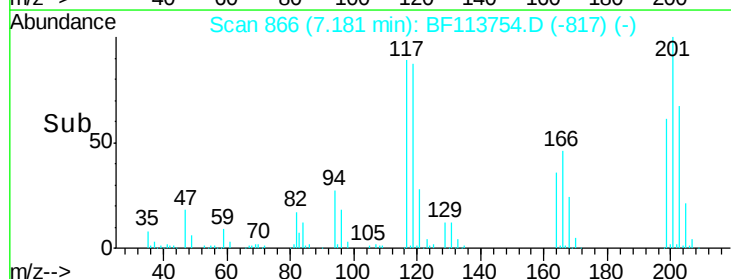
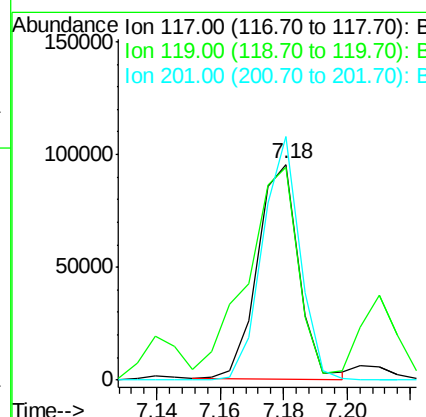
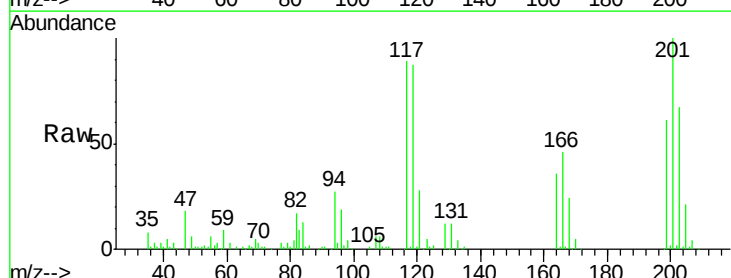
Manual Integrations  
APPROVED

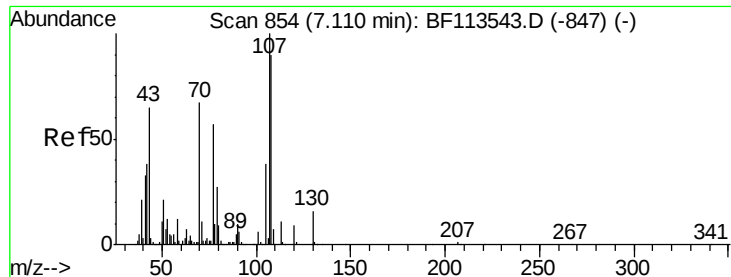
Sohil  
4/15/2019 2:22:42 PM



#18  
Hexachloroethane  
Concen: 27.825 ng  
RT: 7.18 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 86683 |       |       |
| 119     | 98.5  | 76.9  | 115.3 |       |
| 201     | 112.9 | 78.7  | 118.1 |       |





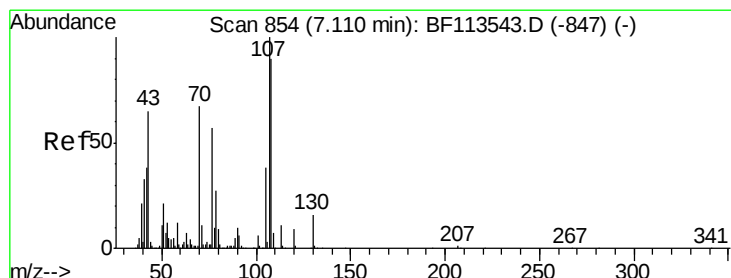
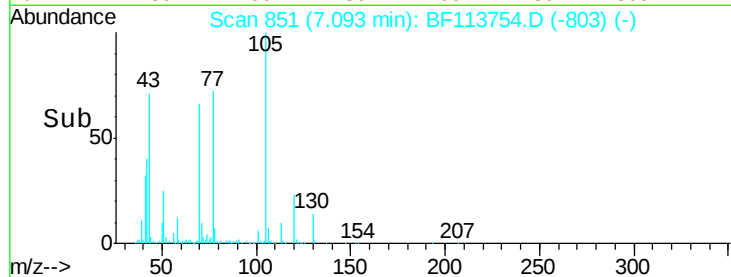
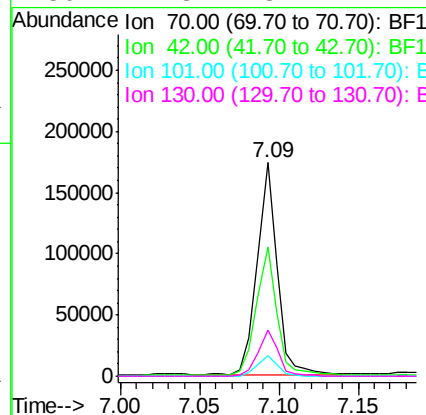
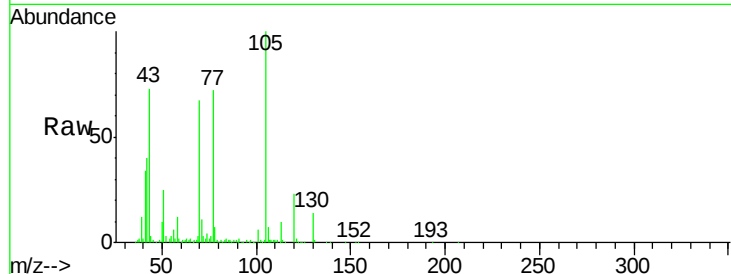
#19  
n-Nitroso-di-n-propylamine  
Concen: 29.371 ng  
RT: 7.09 min Scan# 851  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 60.4  | 48.4  | 72.6  |
| 101     | 9.4   | 7.8   | 11.8  |
| 130     | 21.3  | 18.2  | 27.4  |

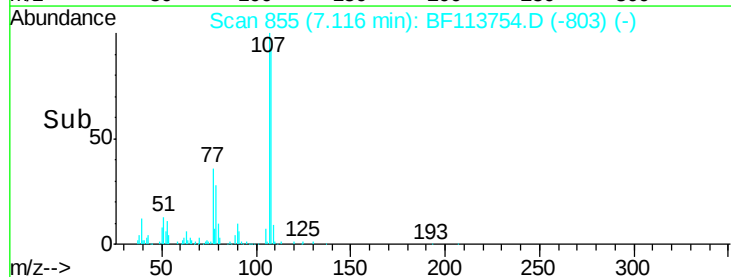
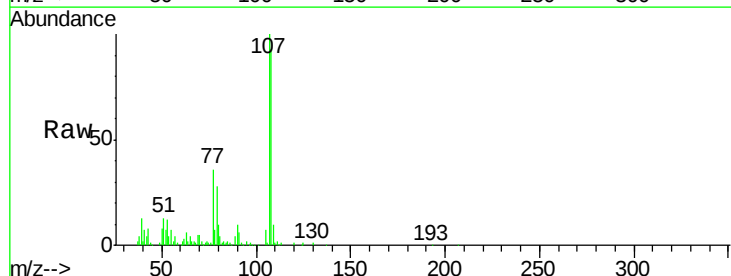
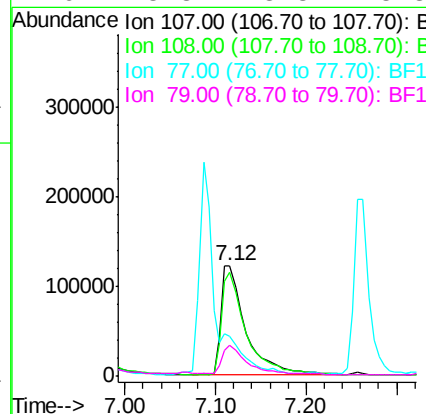
Manual Integrations  
APPROVED

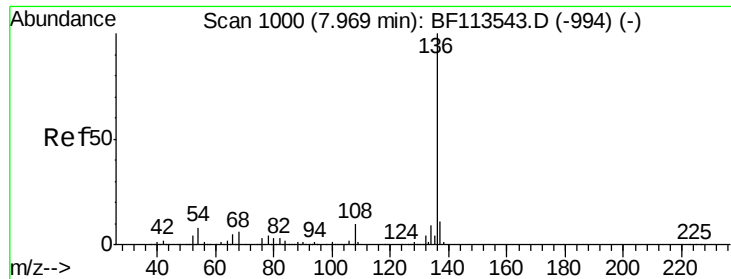
Sohil  
4/15/2019 2:22:42 PM



#20  
3+4-Methylphenols  
Concen: 31.246 ng  
RT: 7.12 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 93.5  | 71.4  | 111.4 |
| 77      | 36.2  | 33.5  | 73.5  |
| 79      | 28.3  | 8.3   | 48.3  |





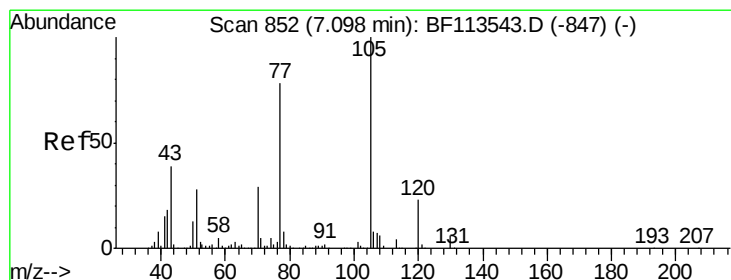
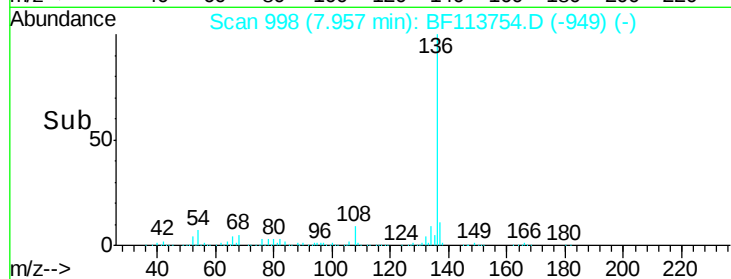
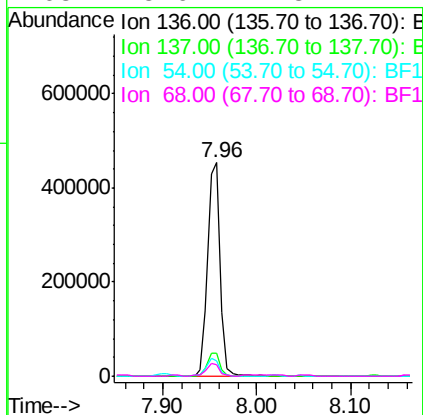
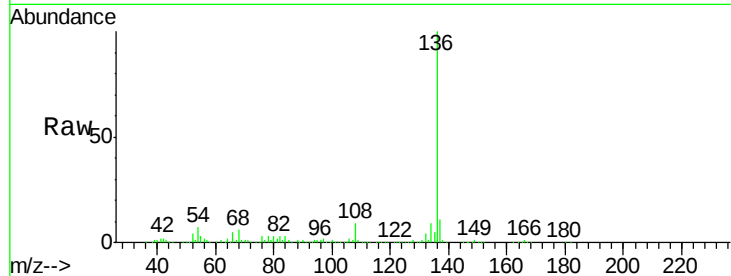
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.96 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 427874 |       |       |
| 137     | 10.8  | 8.9    | 13.3  |       |
| 54      | 7.4   | 7.0    | 10.6  |       |
| 68      | 5.6   | 4.8    | 7.2   |       |

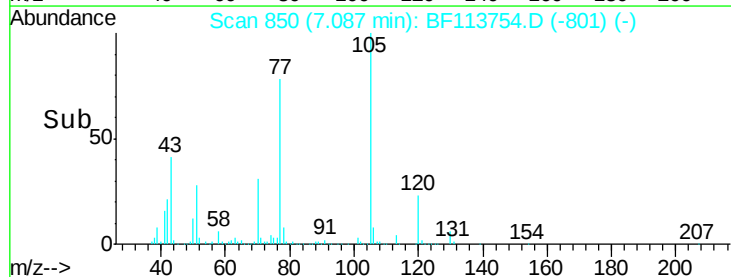
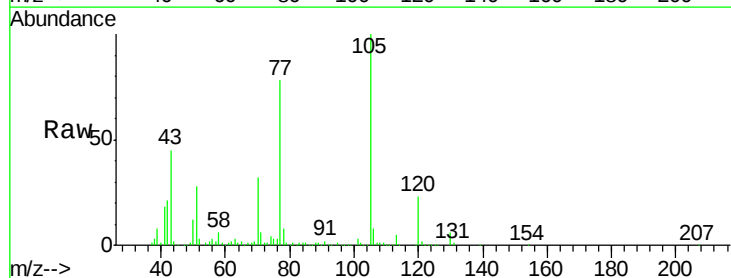
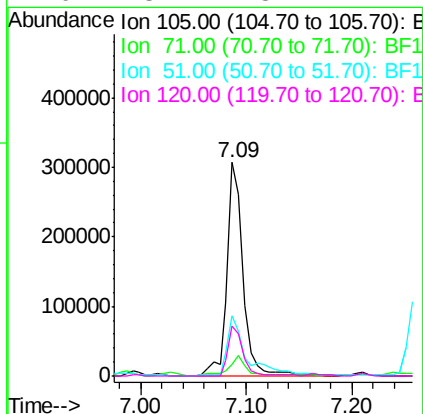
Manual Integrations  
APPROVED

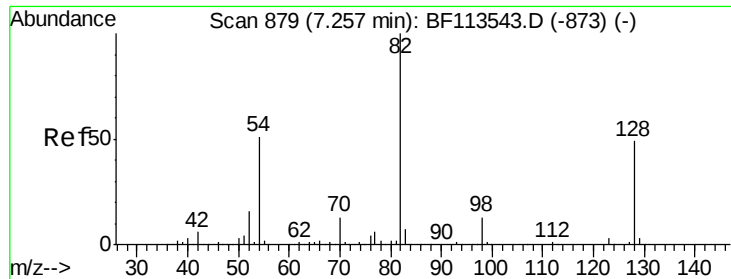
Sohil  
4/15/2019 2:22:42 PM



#22  
Acetophenone  
Concen: 34.499 ng  
RT: 7.09 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 324207 |       |       |
| 71      | 5.7   | 3.3    | 4.9#  |       |
| 51      | 28.0  | 24.2   | 36.2  |       |
| 120     | 23.2  | 18.1   | 27.1  |       |





#23

Nitrobenzene-d5

Concen: 60.006 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

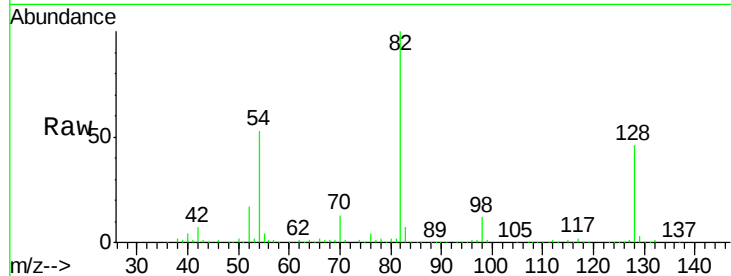
ClientSampleId :

P-1(0-10)MSD

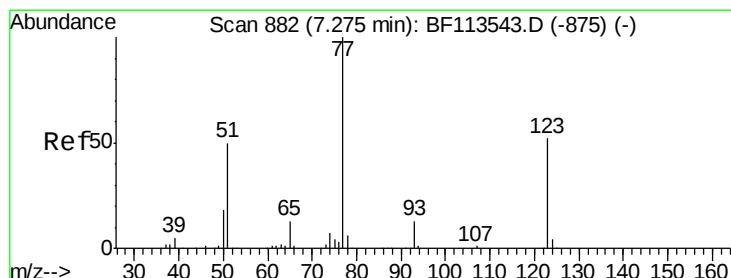
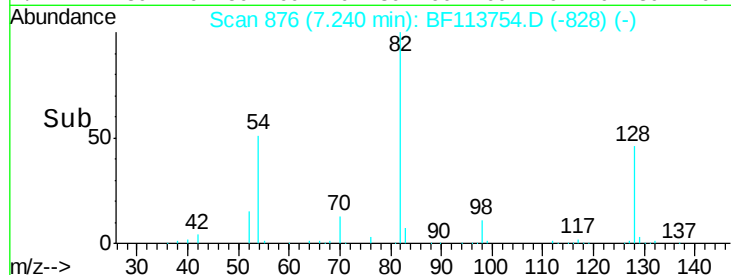
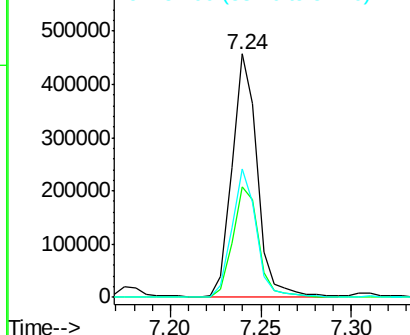
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 438324 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.5  | 36.5  | 54.7   |
| 54        | 52.6  | 42.2  | 63.2   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): B  
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 29.418 ng

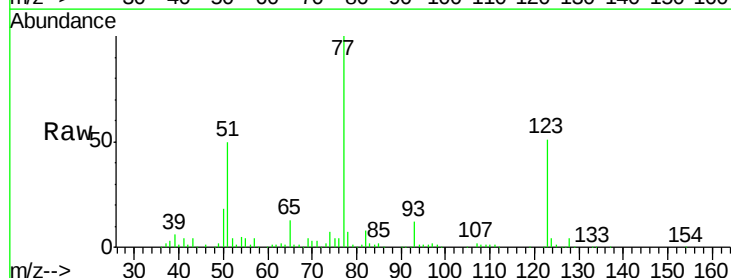
RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

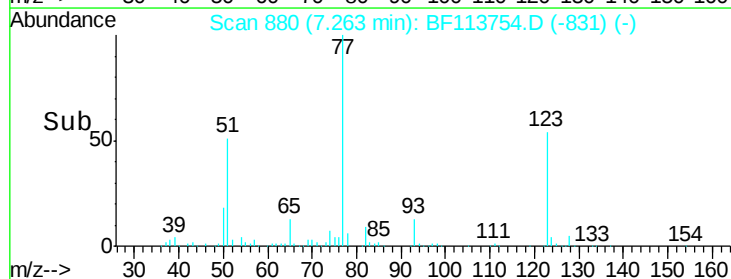
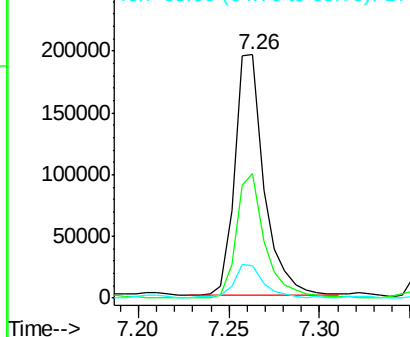
Lab File: BF113754.D

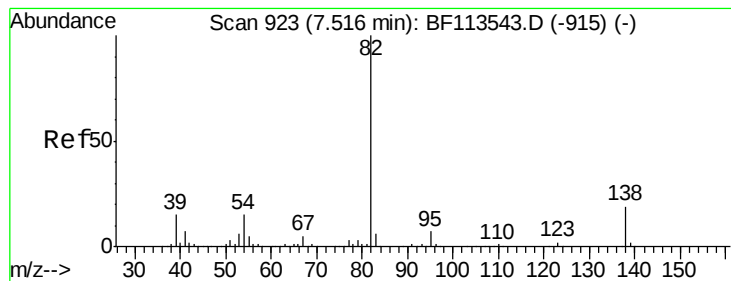
Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 221299 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 51.0  | 40.8  | 61.2   |
| 65        | 13.3  | 10.6  | 16.0   |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 123.00 (122.70 to 123.70): B  
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 29.066 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

ClientSampleId :

P-1(0-10)MSD

Tgt Ion: 82 Resp: 409009

Ion Ratio Lower Upper

82 100

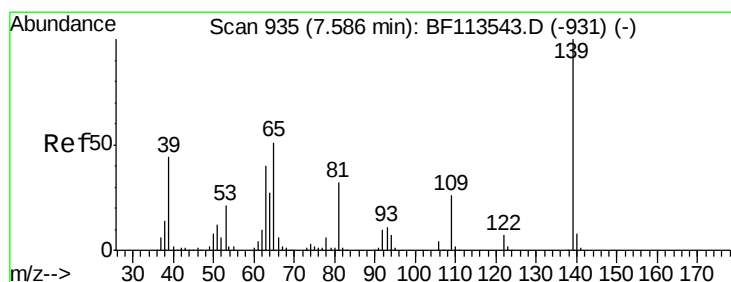
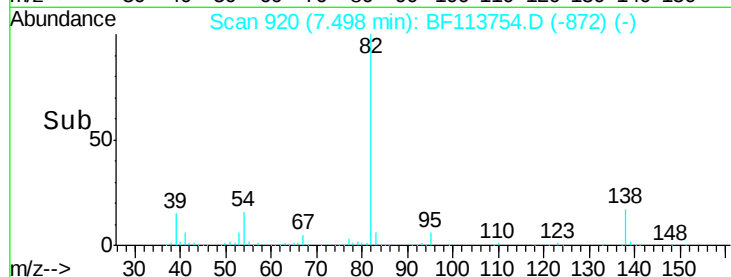
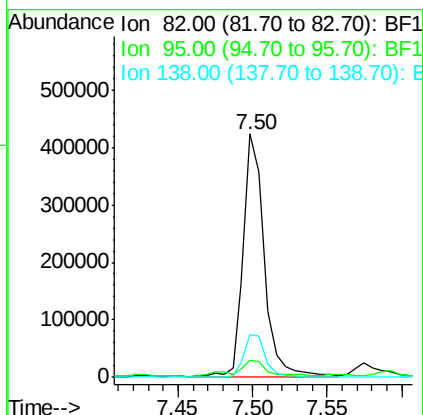
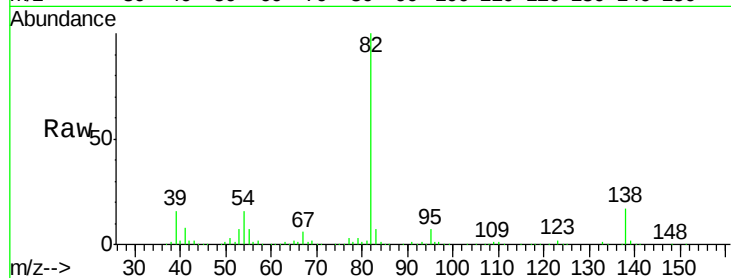
95 7.1 5.5 8.3

138 17.3 15.2 22.8

Manual Integrations  
APPROVED

Sohil

4/15/2019 2:22:42 PM



#26

2-Nitrophenol

Concen: 29.103 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

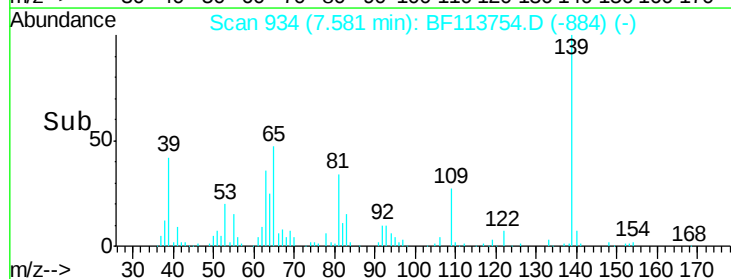
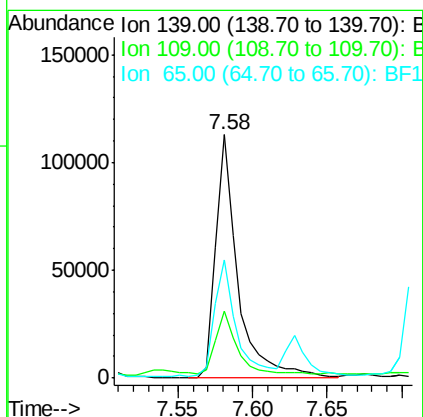
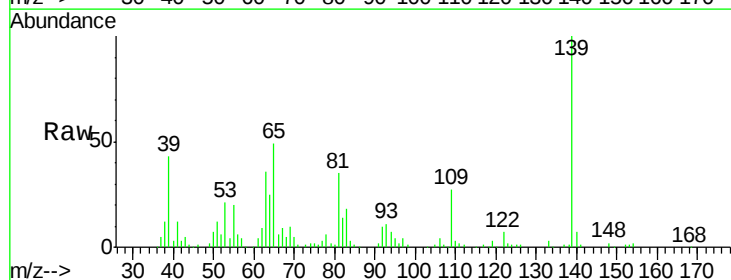
Tgt Ion: 139 Resp: 117828

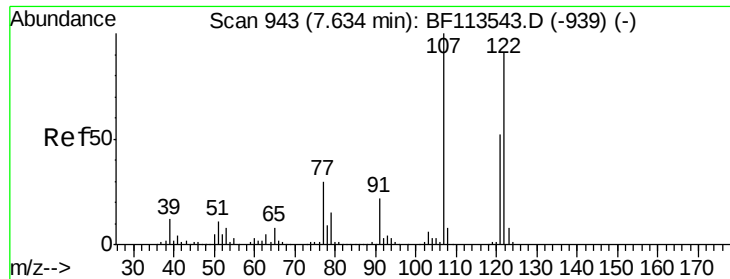
Ion Ratio Lower Upper

139 100

109 27.5 21.7 32.5

65 48.8 41.6 62.4





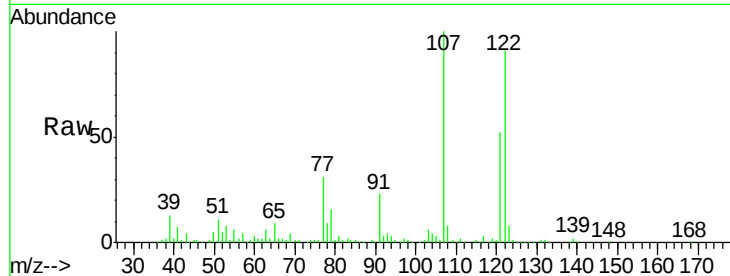
#27  
2,4-Dimethylphenol  
Concen: 34.057 ng  
RT: 7.63 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

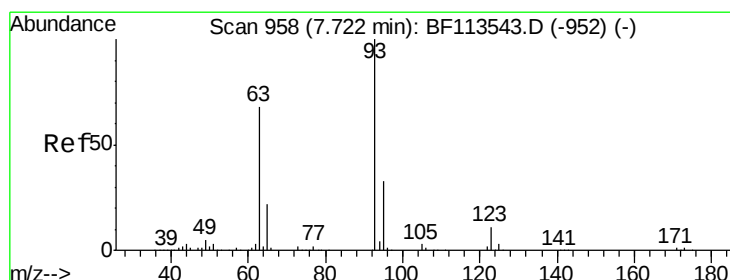
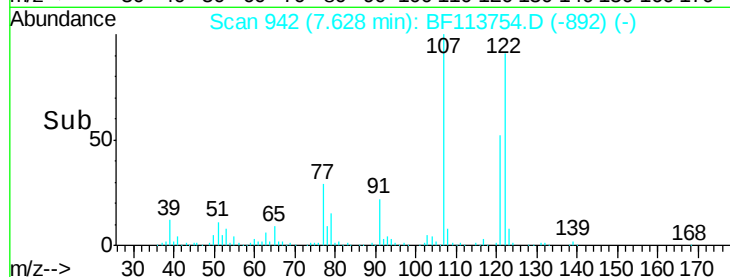
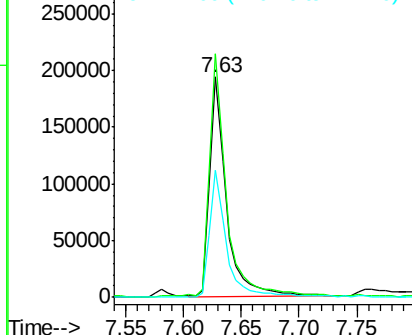
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 197127 |       |       |
| 107     | 110.4 | 88.8   | 133.2 |       |
| 121     | 57.5  | 45.5   | 68.3  |       |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM

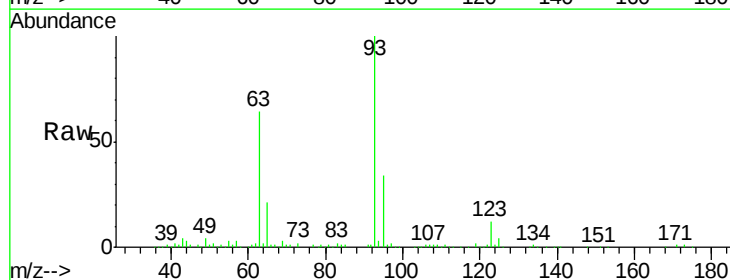


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

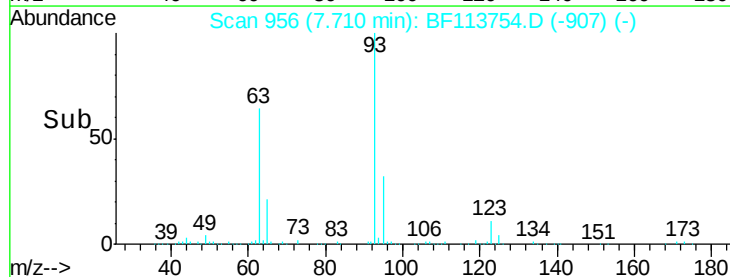
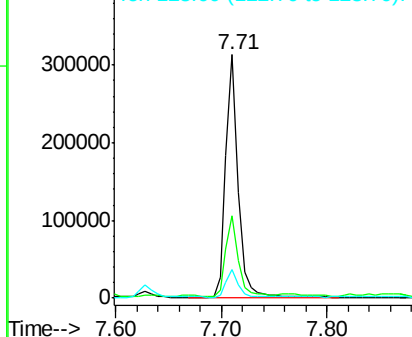


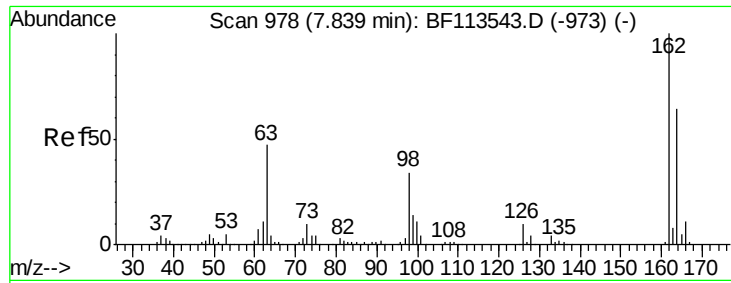
#28  
bis(2-Chloroethoxy)methane  
Concen: 29.220 ng  
RT: 7.71 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 259952 |       |       |
| 95      | 34.1  | 26.0   | 39.0  |       |
| 123     | 11.6  | 9.1    | 13.7  |       |



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 95.00 (94.70 to 95.70): BF1  
Ion 123.00 (122.70 to 123.70): E





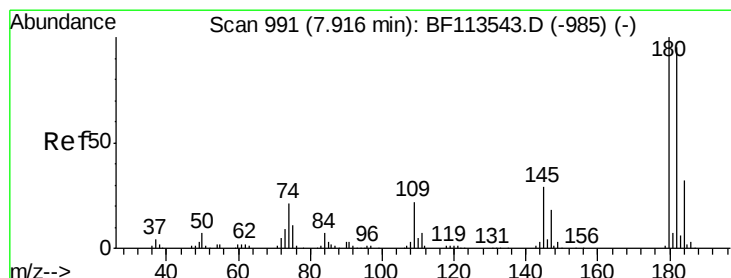
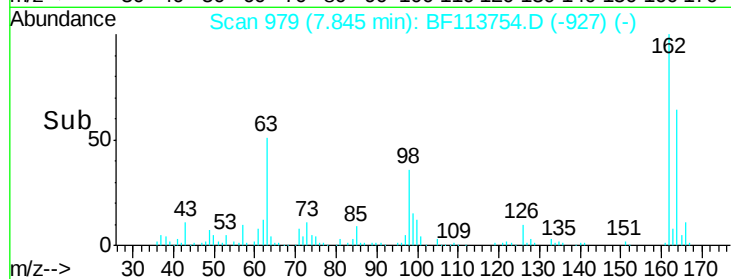
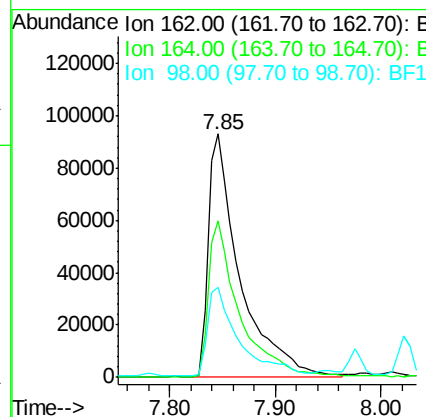
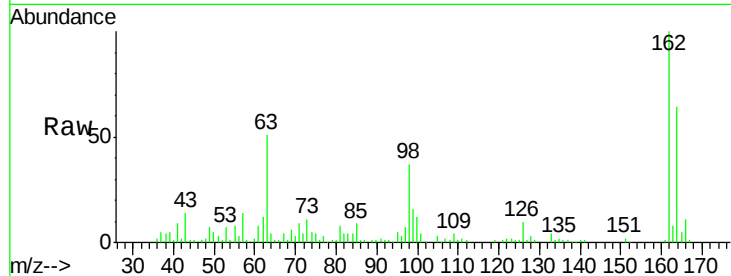
#29  
2,4-Dichlorophenol  
Concen: 31.321 ng  
RT: 7.85 min Scan# 979  
Delta R.T. 0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.4  | 44.6       | 84.6       |
| 98      | 37.2  | 15.6       | 55.6       |

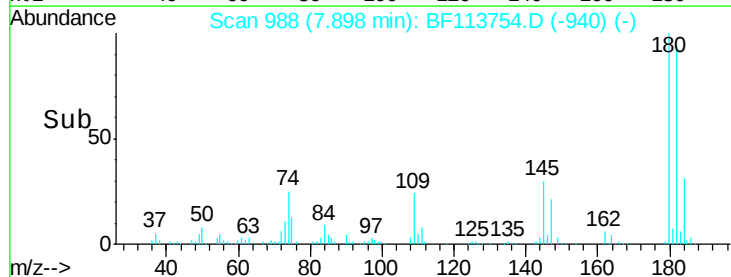
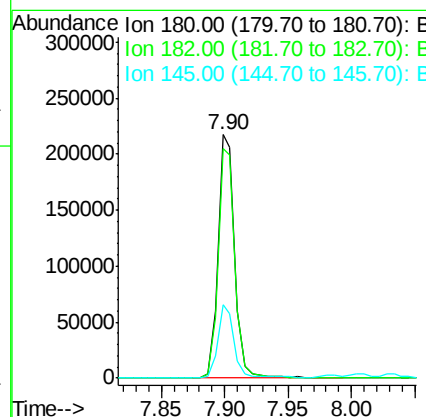
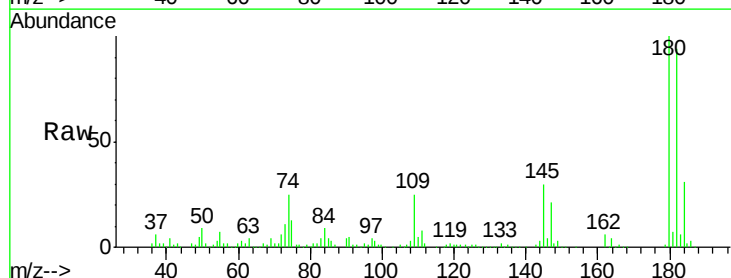
Manual Integrations  
APPROVED

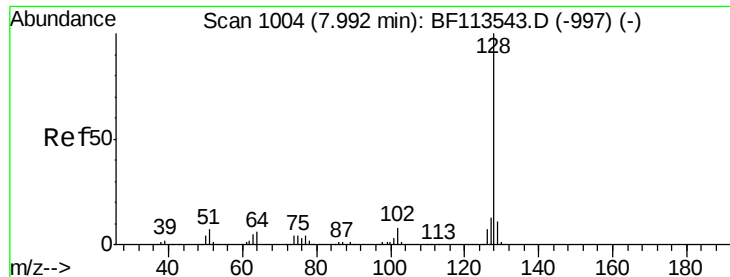
Sohil  
4/15/2019 2:22:42 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 30.083 ng  
RT: 7.90 min Scan# 988  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.1  | 74.6       | 111.8      |
| 145     | 30.0  | 23.4       | 35.0       |





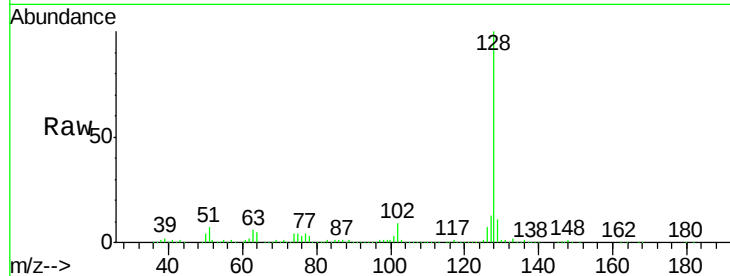
#31  
Naphthalene  
Concen: 31.255 ng  
RT: 7.97 min Scan# 1001  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 647962 |       |       |
| 129     | 11.2  | 9.3    | 13.9  |       |
| 127     | 12.9  | 10.9   | 16.3  |       |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM

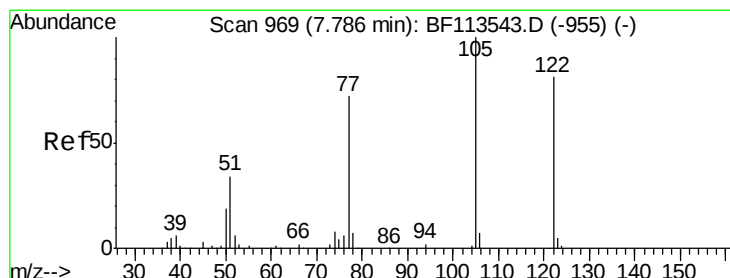
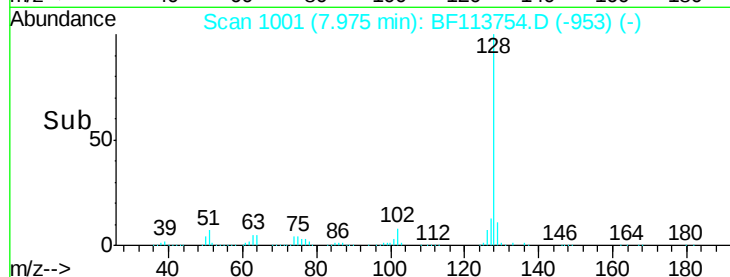
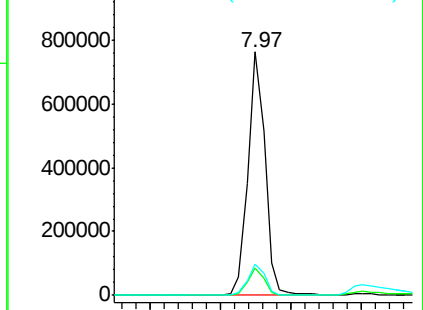


Abundance

Ion 128.00 (127.70 to 128.70): E

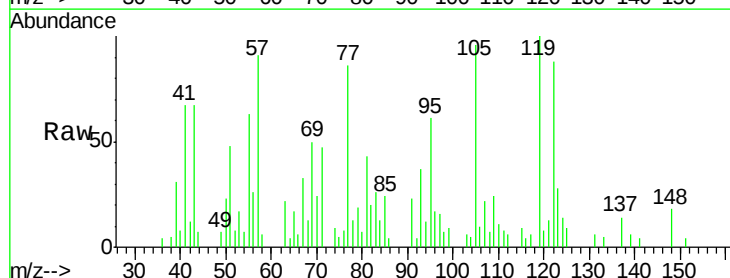
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 4.460 ng  
RT: 7.76 min Scan# 964  
Delta R.T. -0.03 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 19990 |       |       |
| 105     | 109.3 | 100.4 | 140.4 |       |
| 77      | 97.8  | 69.0  | 109.0 |       |

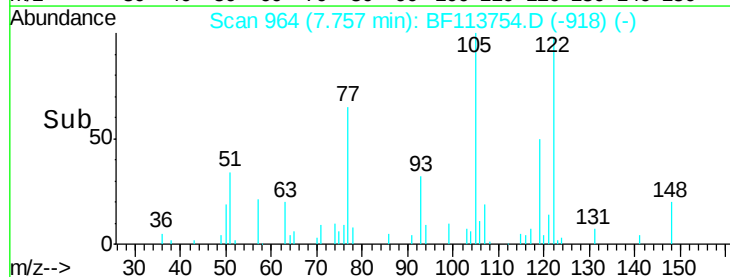
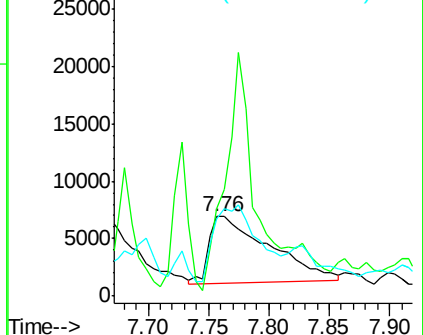


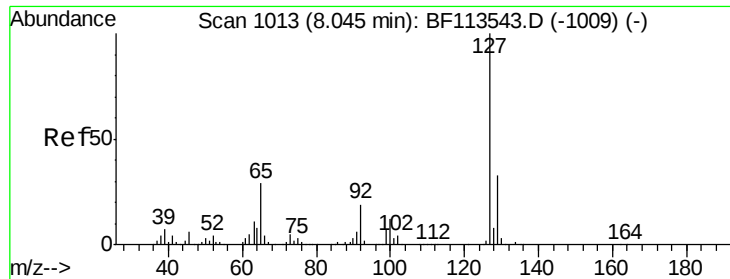
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





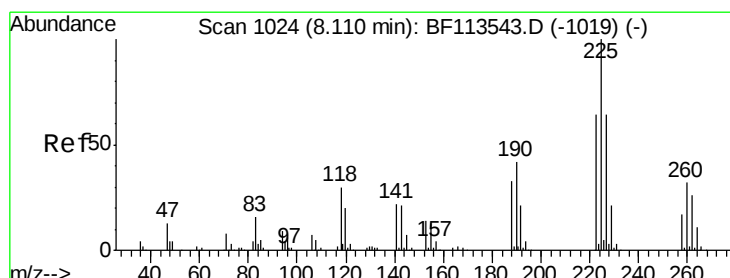
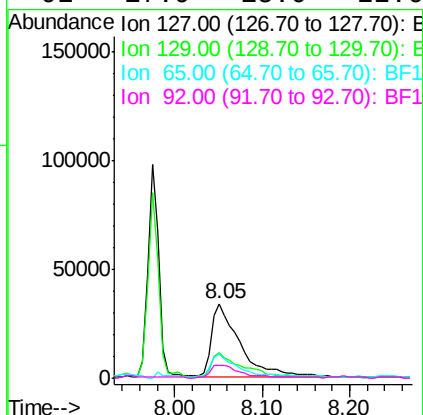
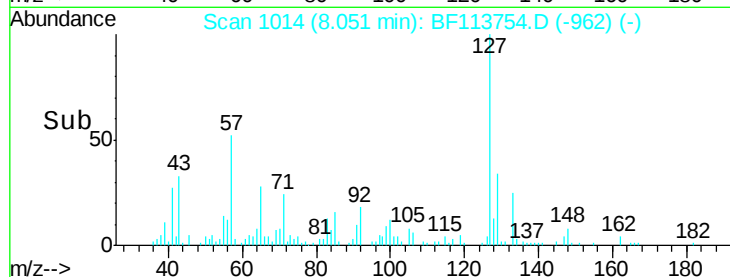
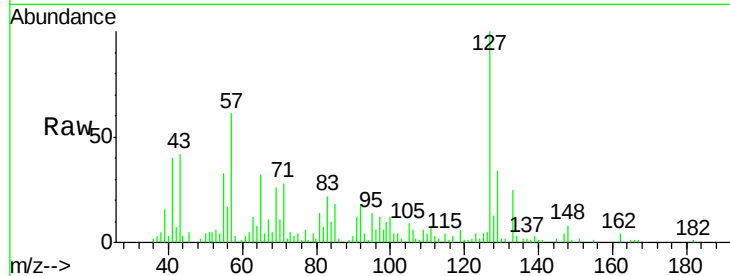
#33  
4-Chloroaniline  
Concen: 9.280 ng  
RT: 8.05 min Scan# 1014  
Delta R.T. 0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 76288 |       |       |
| 129     | 33.7 | 26.3  | 39.5  |       |       |
| 65      | 32.1 | 24.2  | 36.4  |       |       |
| 92      | 17.9 | 15.0  | 22.6  |       |       |

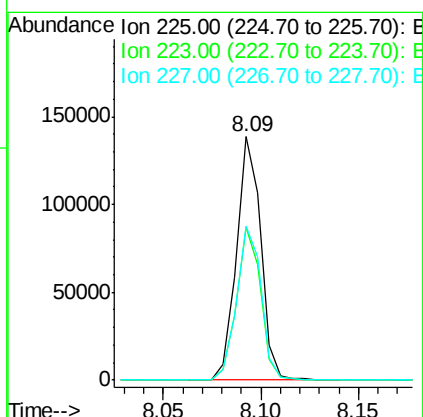
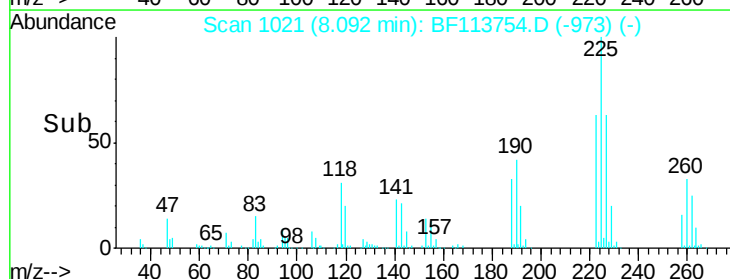
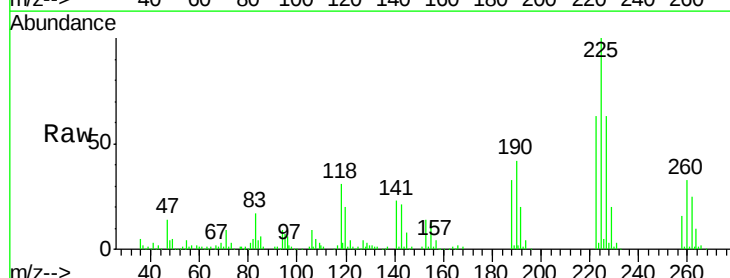
Manual Integrations  
APPROVED

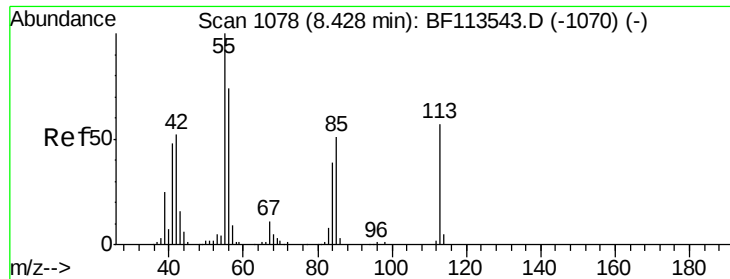
Sohil  
4/15/2019 2:22:42 PM



#34  
Hexachlorobutadiene  
Concen: 29.105 ng  
RT: 8.09 min Scan# 1021  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 119335 |       |       |
| 223     | 62.6 | 51.4  | 77.2   |       |       |
| 227     | 63.2 | 51.1  | 76.7   |       |       |





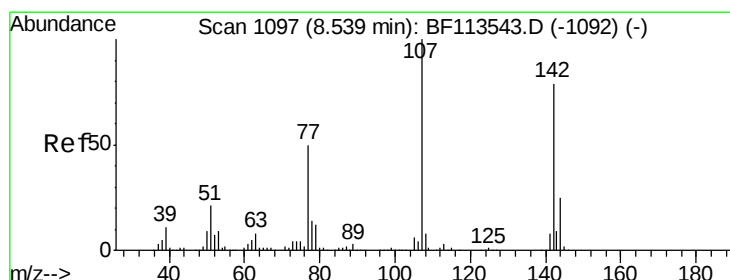
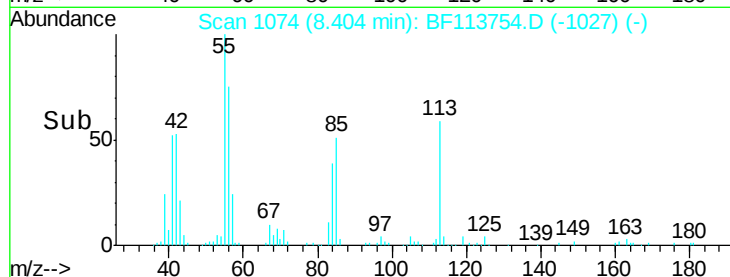
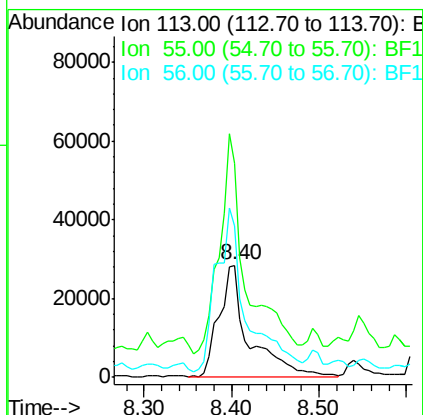
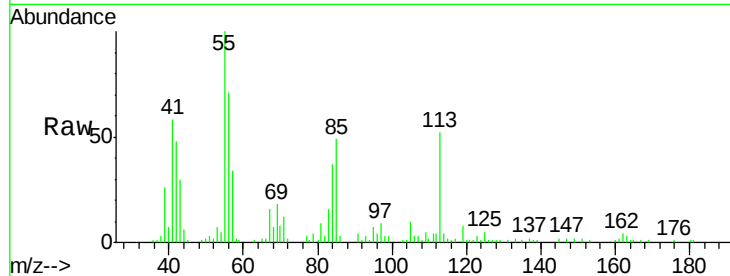
#35  
 Caprolactam  
 Concen: 35.261 ng  
 RT: 8.40 min Scan# 1074  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

Tgt Ion:113 Resp: 69318  
 Ion Ratio Lower Upper  
 113 100  
 55 191.1 152.7 192.7  
 56 135.0 108.3 148.3

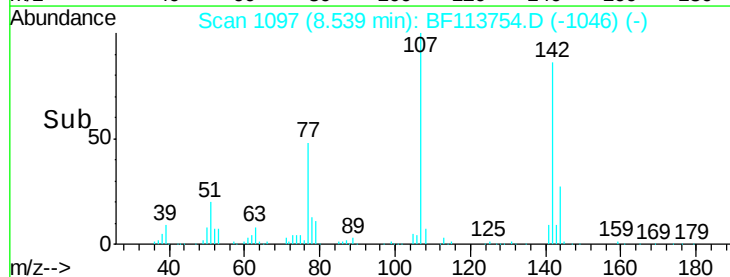
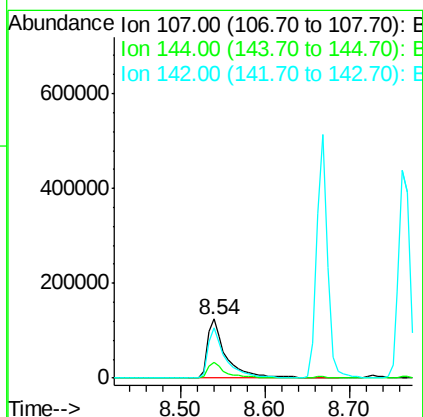
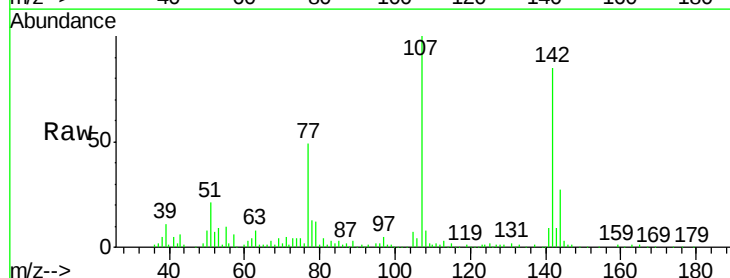
Manual Integrations  
 APPROVED

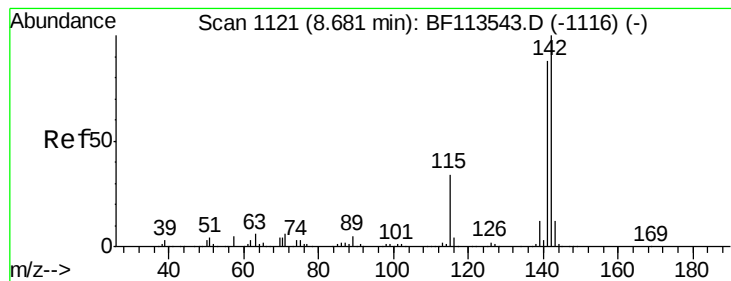
Sohil  
 4/15/2019 2:22:42 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 30.079 ng  
 RT: 8.54 min Scan# 1097  
 Delta R.T. 0.00 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Tgt Ion:107 Resp: 186994  
 Ion Ratio Lower Upper  
 107 100  
 144 26.7 21.4 32.0  
 142 85.1 65.6 98.4





#37

2-Methylnaphthalene

Concen: 32.254 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

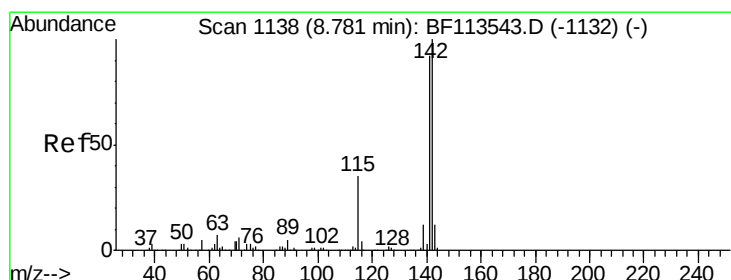
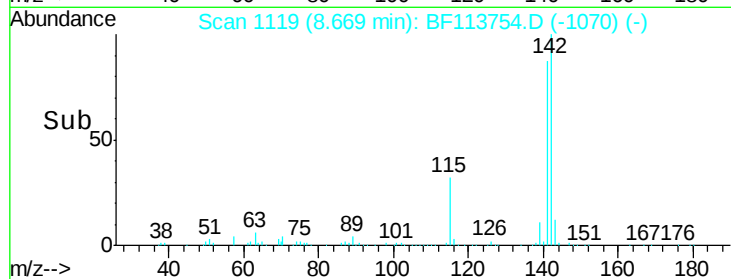
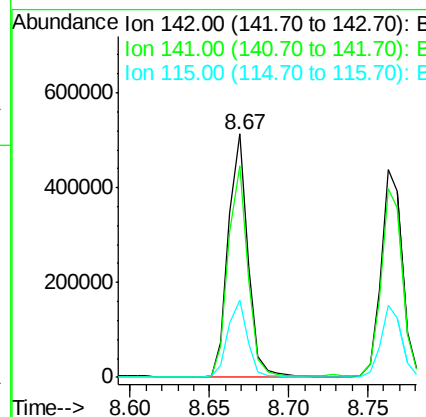
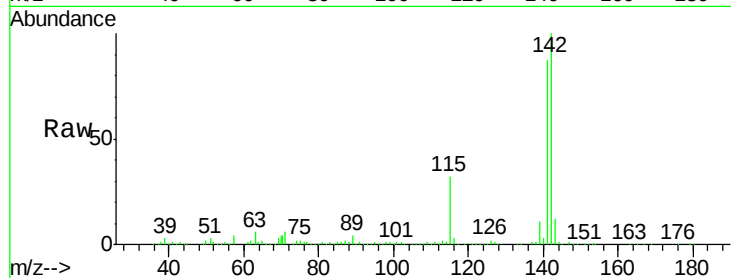
ClientSampleId :

P-1(0-10)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 439786 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 87.1  | 71.0  | 106.6  |
| 115       | 31.8  | 26.6  | 39.8   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#38

1-Methylnaphthalene

Concen: 31.298 ng

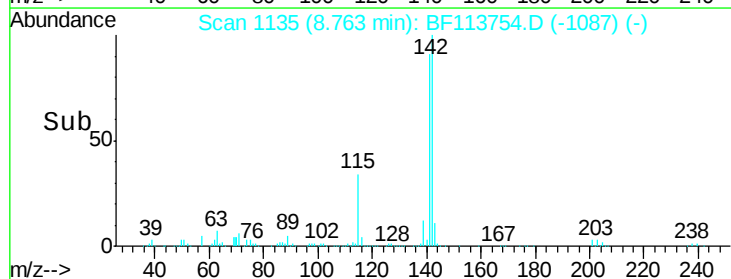
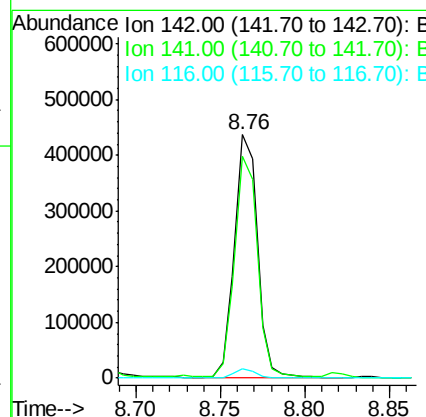
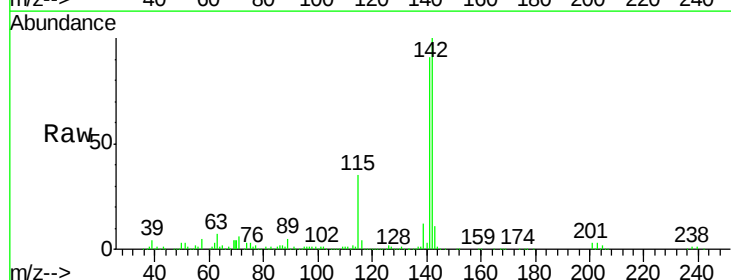
RT: 8.76 min Scan# 1135

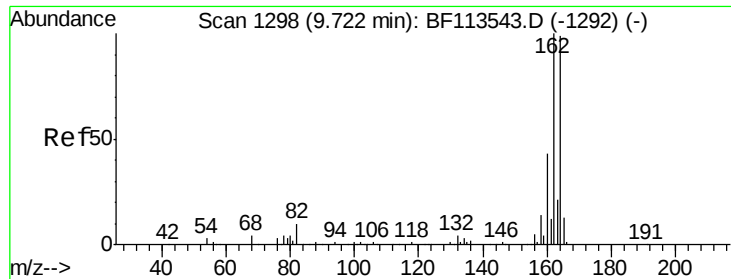
Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

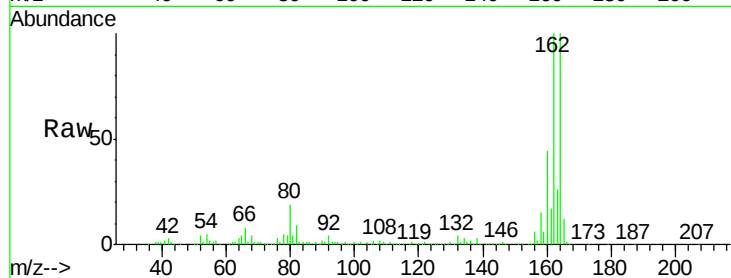
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 411495 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 91.3  | 73.2  | 109.8  |
| 116       | 3.7   | 3.0   | 4.4    |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

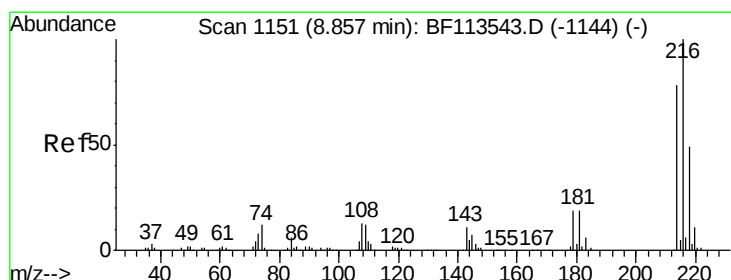
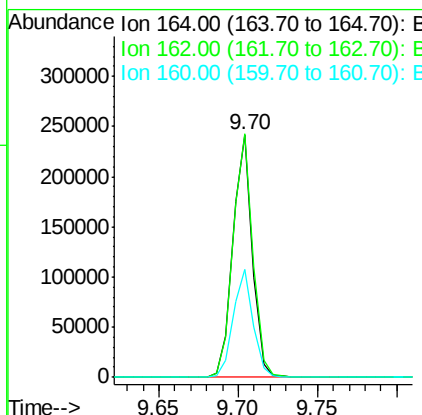
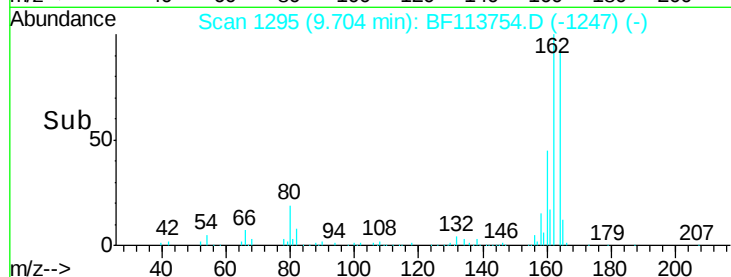
Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD



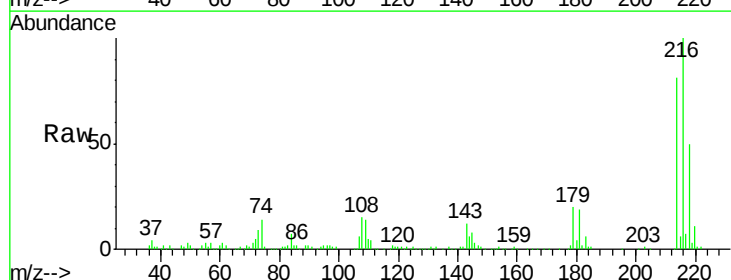
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 204822 |       |       |
| 162     | 100.3 | 81.8   | 122.6 |       |
| 160     | 44.6  | 36.4   | 54.6  |       |

Manual Integrations  
APPROVED

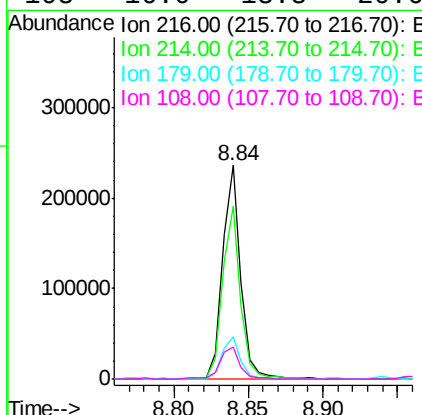
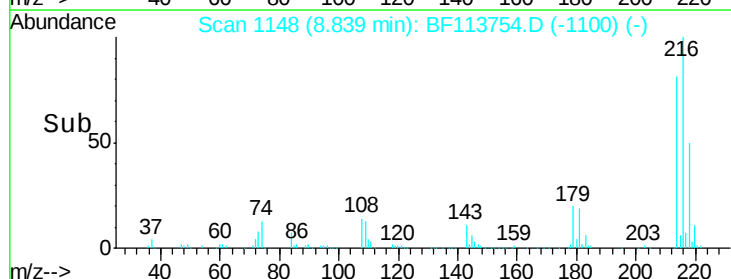
Sohil  
4/15/2019 2:22:42 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 30.579 ng  
RT: 8.84 min Scan# 1148  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 202559 |       |       |
| 214     | 80.0  | 63.0   | 94.6  |       |
| 179     | 20.8  | 16.8   | 25.2  |       |
| 108     | 16.0  | 13.8   | 20.6  |       |





#41

Hexachlorocyclopentadiene

Concen: 32.097 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

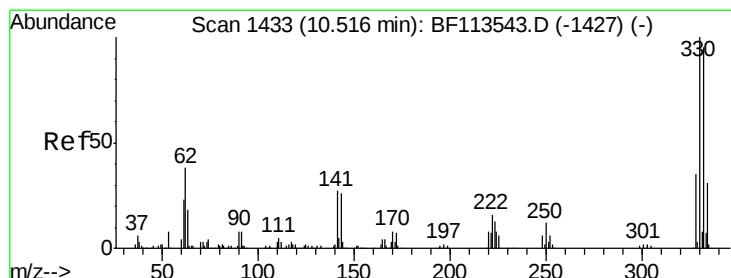
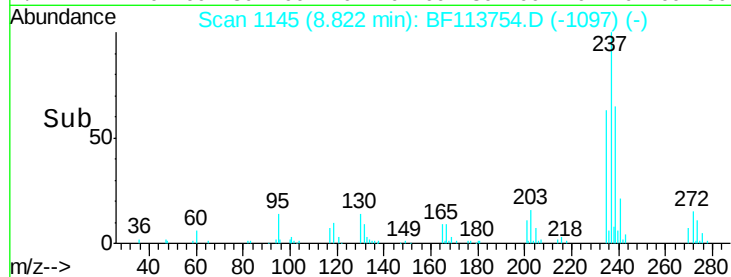
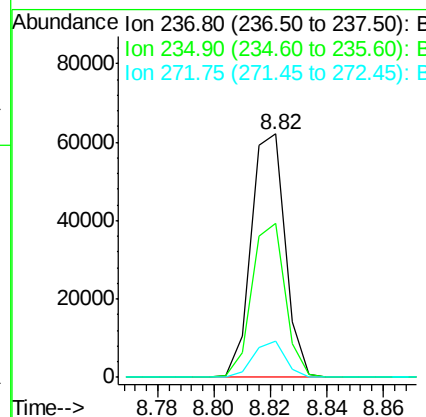
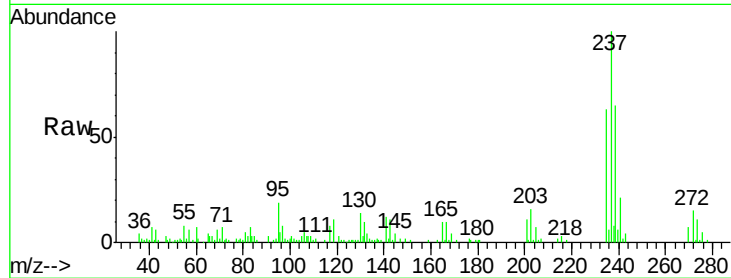
ClientSampleId :

P-1(0-10)MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 52127 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.2  | 43.4  | 83.4  |
| 272       | 14.8  | 0.0   | 33.7  |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#42

2,4,6-Tribromophenol

Concen: 87.948 ng

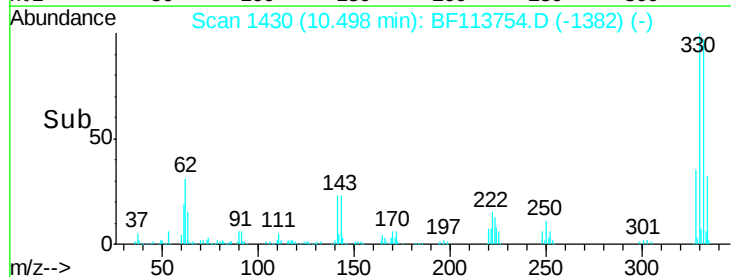
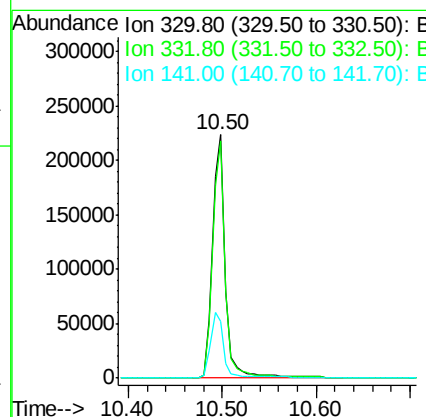
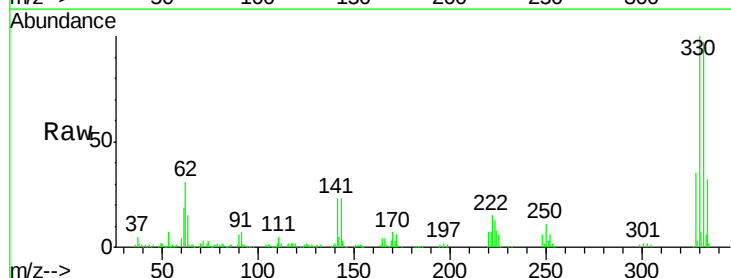
RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 216388 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.2  | 77.8  | 116.6  |
| 141       | 27.6  | 22.7  | 34.1   |





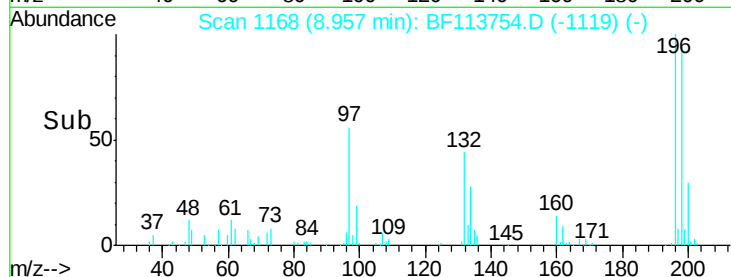
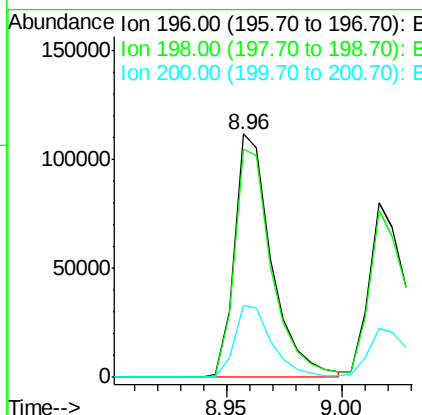
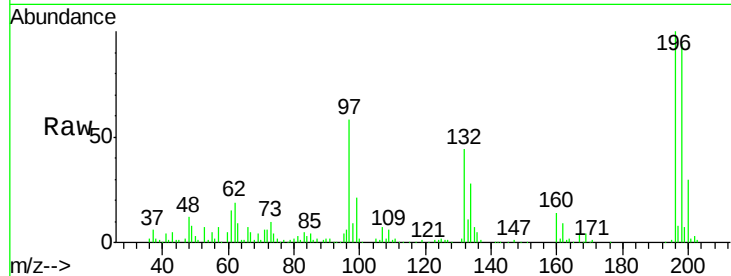
#43  
 2,4,6-Trichlorophenol  
 Concen: 29.945 ng  
 RT: 8.96 min Scan# 1168  
 Delta R.T. -0.01 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampled :  
 P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 125208 |       |       |
| 198     | 93.8  | 77.7   | 116.5 |       |
| 200     | 29.8  | 24.9   | 37.3  |       |

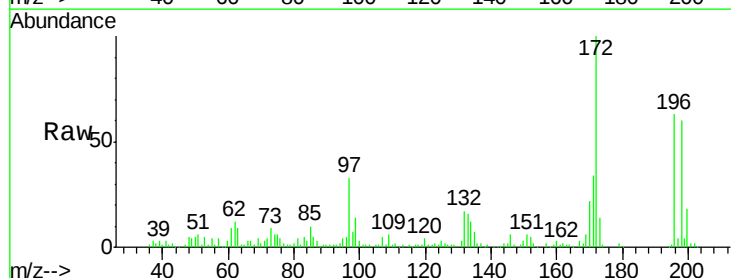
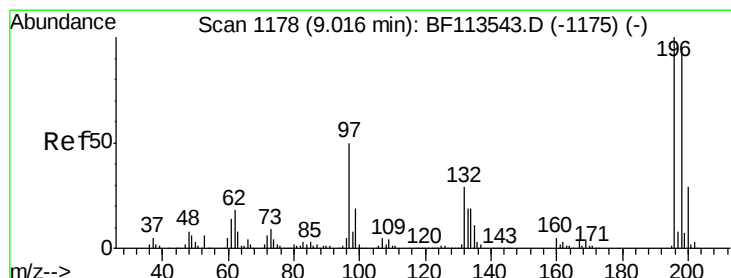
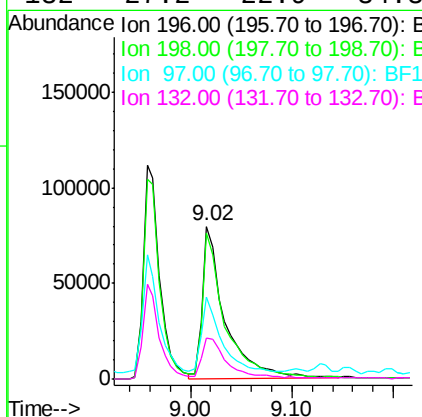
Manual Integrations  
 APPROVED

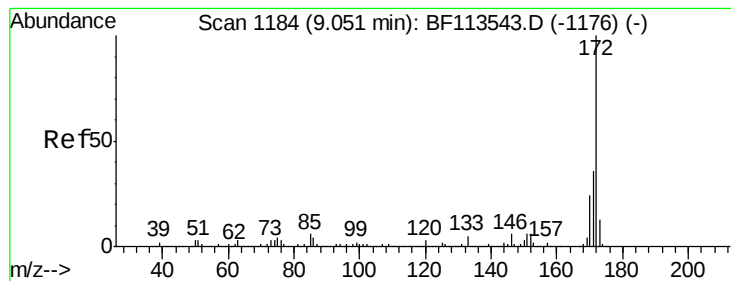
Sohil  
 4/15/2019 2:22:42 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 27.193 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 122068 |       |       |
| 198     | 95.8  | 75.4   | 113.2 |       |
| 97      | 53.3  | 38.6   | 58.0  |       |
| 132     | 27.2  | 22.9   | 34.3  |       |





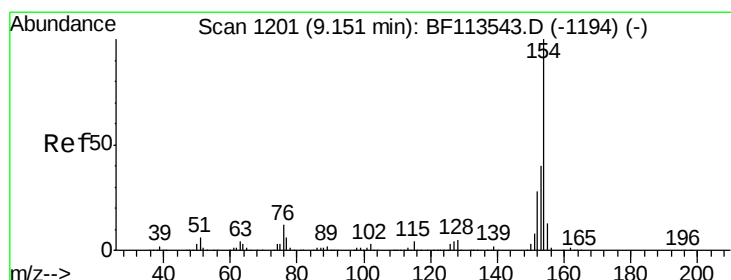
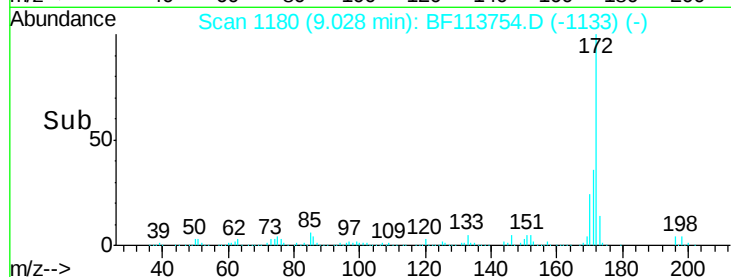
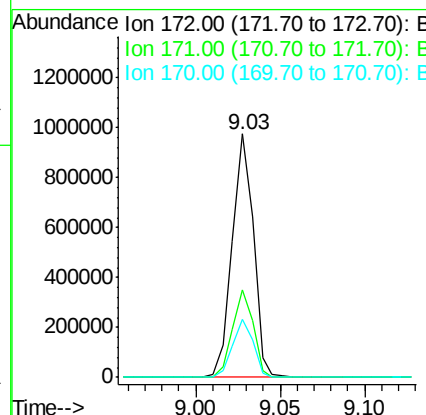
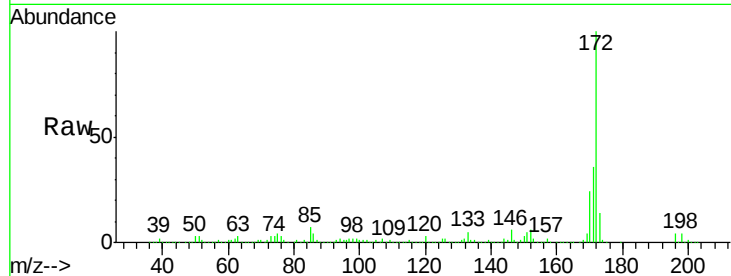
#45  
2-Fluorobiphenyl  
Concen: 66.994 ng  
RT: 9.03 min Scan# 1180  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 852347 |       |       |
| 171     | 35.8  | 29.0   | 43.6  |       |
| 170     | 23.9  | 19.5   | 29.3  |       |

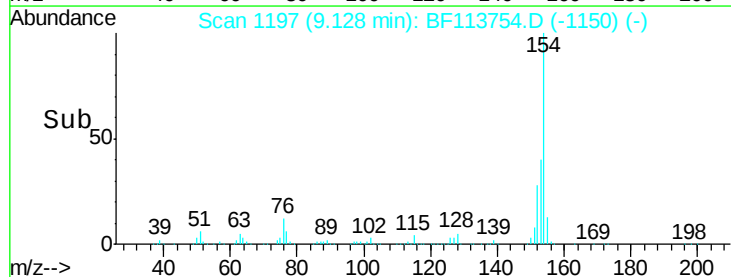
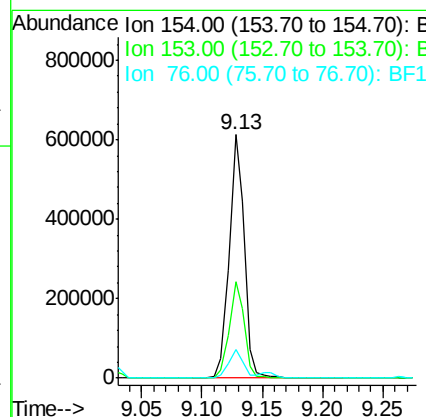
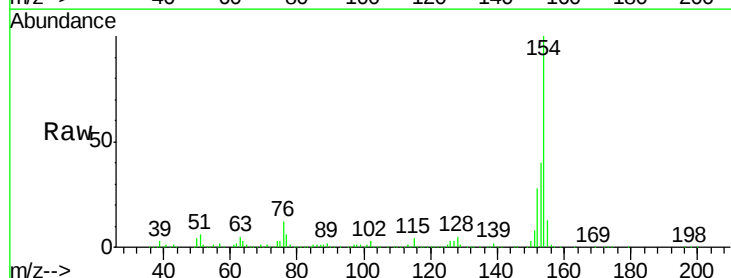
Manual Integrations  
APPROVED

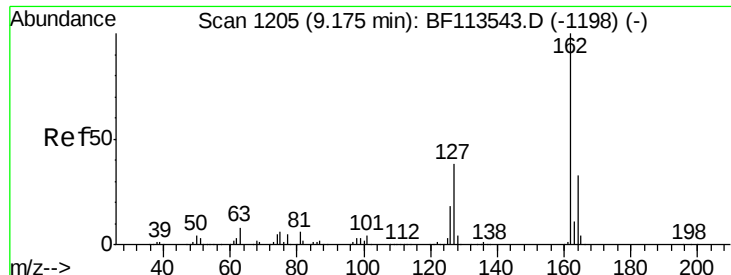
Sohil  
4/15/2019 2:22:42 PM



#46  
1,1'-Biphenyl  
Concen: 31.258 ng  
RT: 9.13 min Scan# 1197  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 528311 |       |       |
| 153     | 39.8  | 20.8   | 60.8  |       |
| 76      | 12.0  | 0.0    | 31.9  |       |





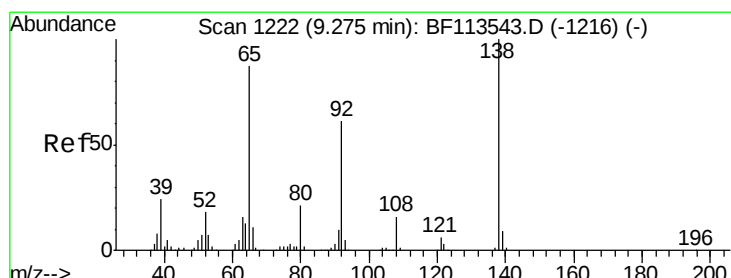
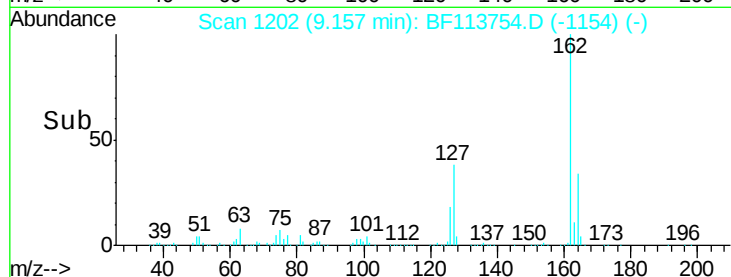
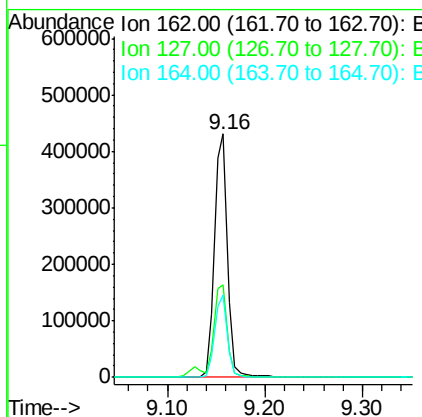
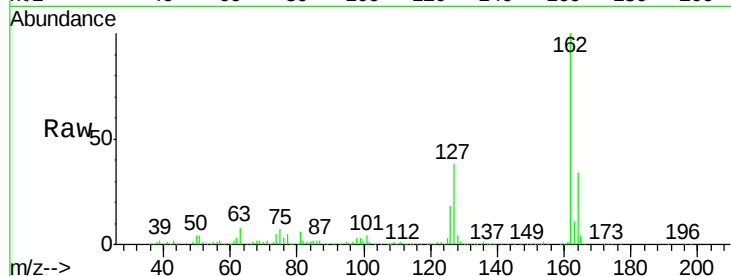
#47  
 2-Chloronaphthalene  
 Concen: 30.965 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 396252 |       |       |
| 127     | 38.2  | 32.6   | 49.0  |       |
| 164     | 33.6  | 26.6   | 39.8  |       |

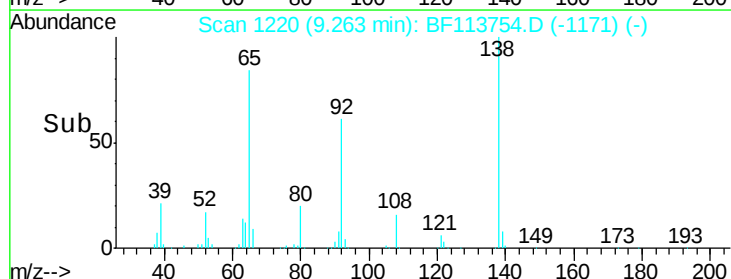
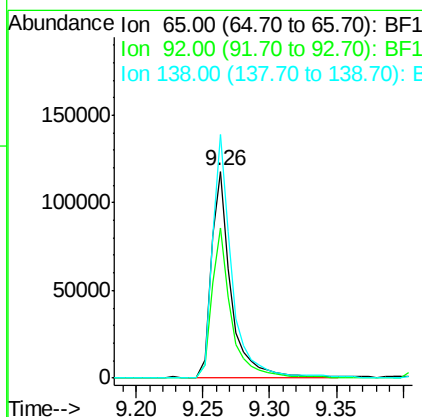
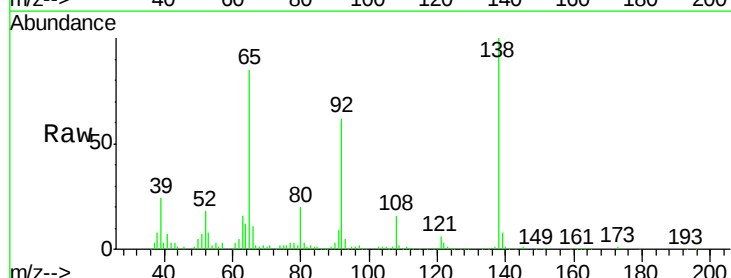
Manual Integrations  
 APPROVED

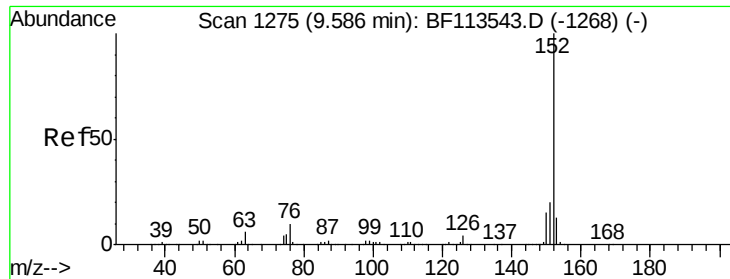
Sohil  
 4/15/2019 2:22:42 PM



#48  
 2-Nitroaniline  
 Concen: 30.527 ng  
 RT: 9.26 min Scan# 1220  
 Delta R.T. -0.01 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 119537 |       |       |
| 92      | 72.5  | 56.8   | 85.2  |       |
| 138     | 117.7 | 92.3   | 138.5 |       |





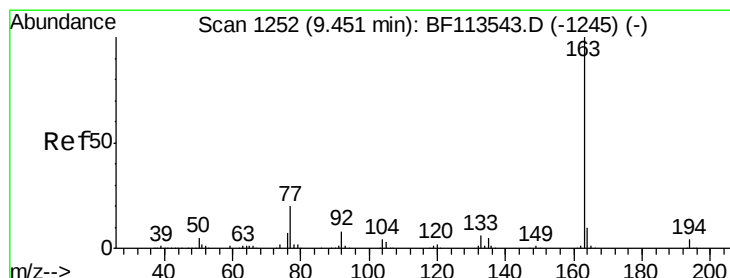
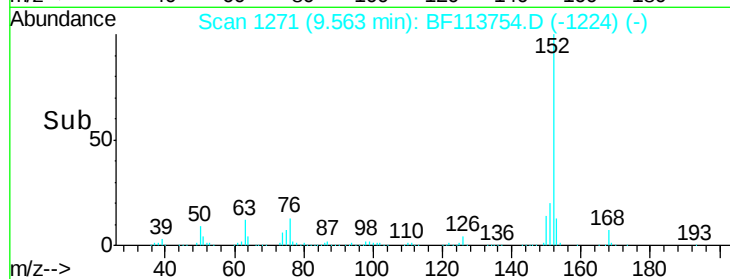
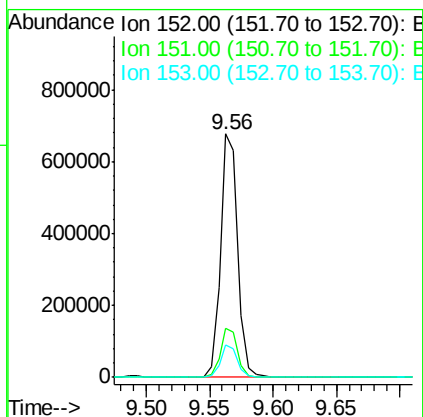
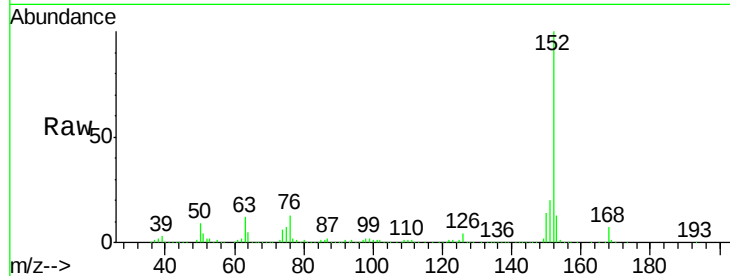
#49  
Acenaphthylene  
Concen: 30.757 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 640035 |       |       |
| 151     | 20.0  |        | 16.2  | 24.4  |
| 153     | 13.4  |        | 11.0  | 16.6  |

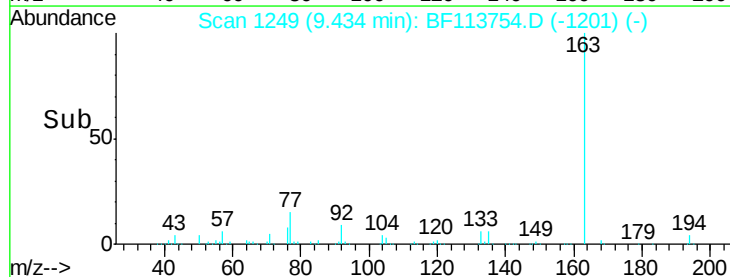
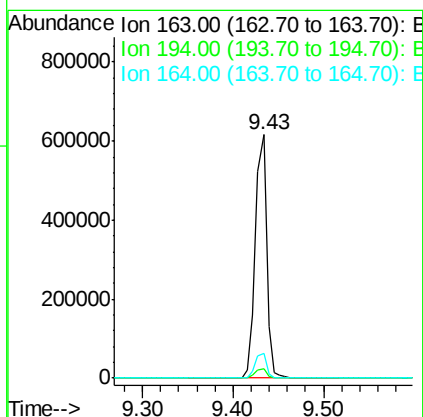
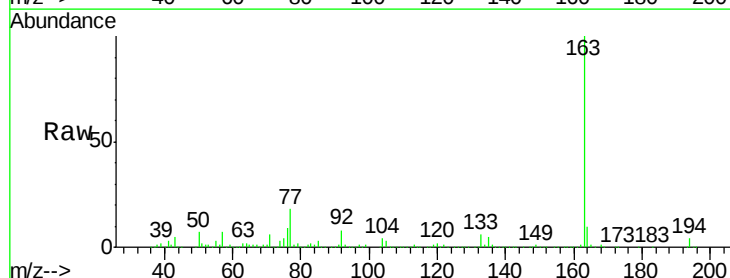
Manual Integrations  
APPROVED

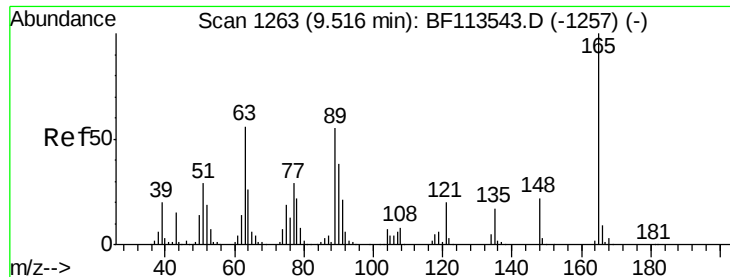
Sohil  
4/15/2019 2:22:42 PM



#50  
Dimethylphthalate  
Concen: 34.903 ng  
RT: 9.43 min Scan# 1249  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 526968 |       |       |
| 194     | 4.1   |        | 3.0   | 4.6   |
| 164     | 10.0  |        | 8.1   | 12.1  |





#51

2,6-Dinitrotoluene

Concen: 29.985 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

ClientSampleId :

P-1(0-10)MSD

Tgt Ion:165 Resp: 99792

Ion Ratio Lower Upper

165 100

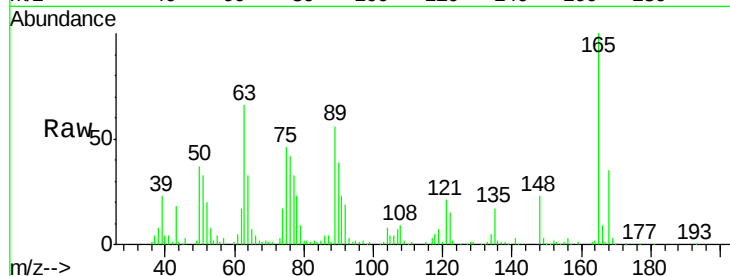
63 65.9 43.4 65.0#

89 55.9 43.1 64.7

Manual Integrations  
APPROVED

Sohil

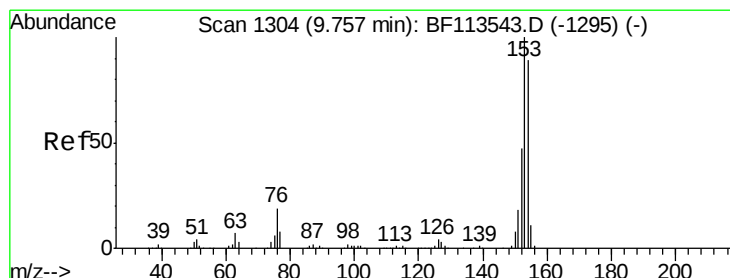
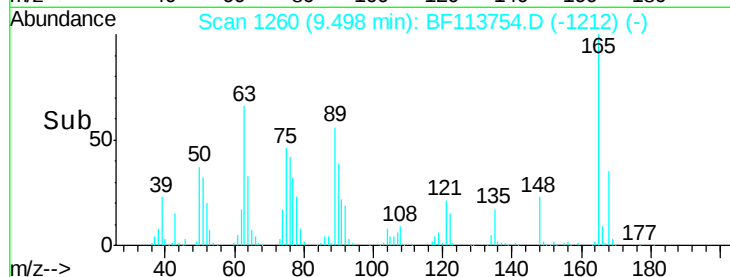
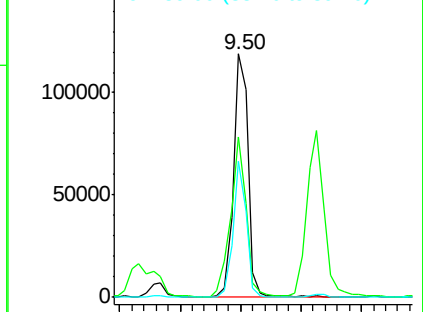
4/15/2019 2:22:42 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 31.164 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

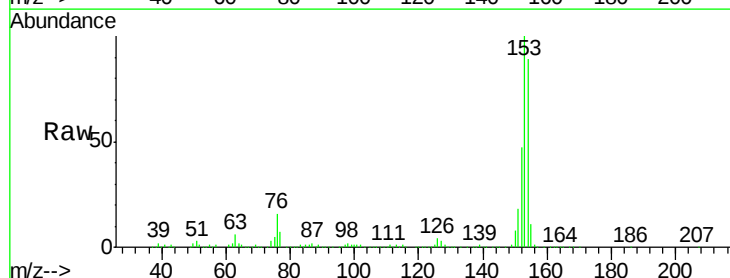
Tgt Ion:154 Resp: 371215

Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

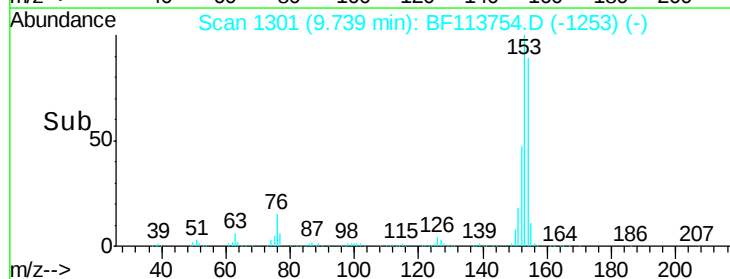
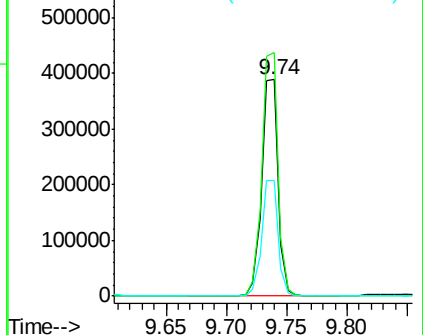
152 53.4 43.3 64.9

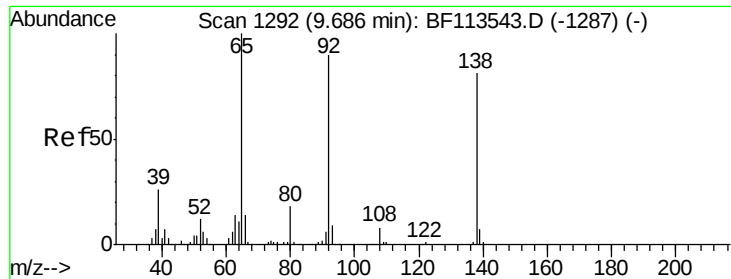


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





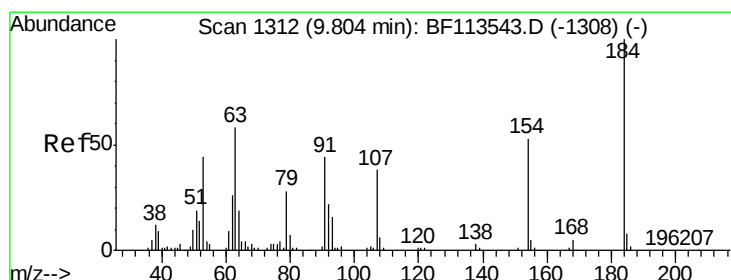
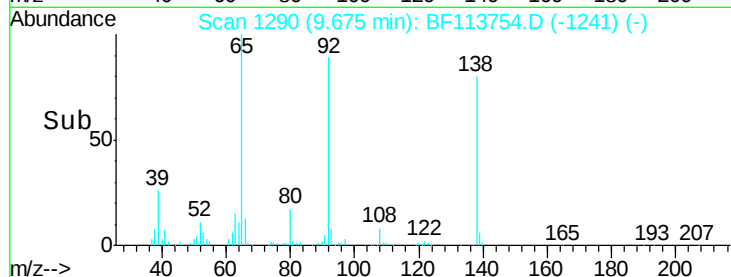
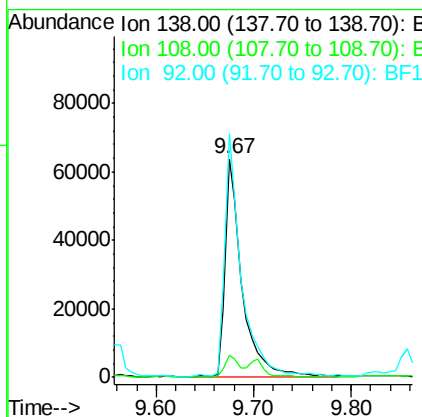
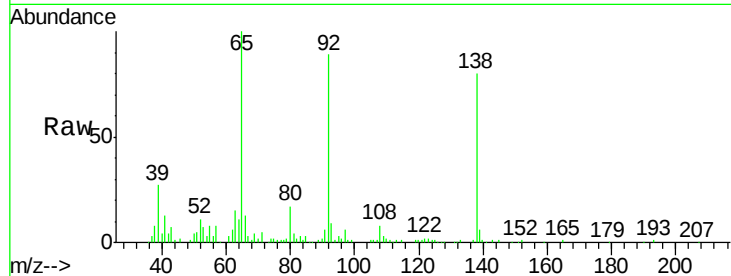
#53  
3-Nitroaniline  
Concen: 20.665 ng  
RT: 9.67 min Scan# 1290  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 7.8   | 11.6  |
| 92      | 111.4 | 82.6  | 124.0 |

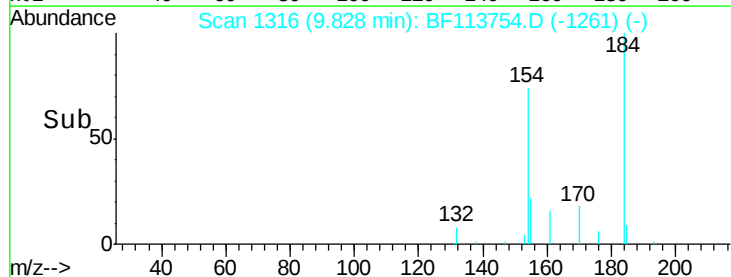
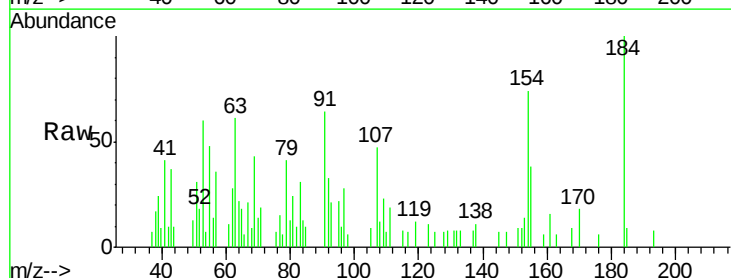
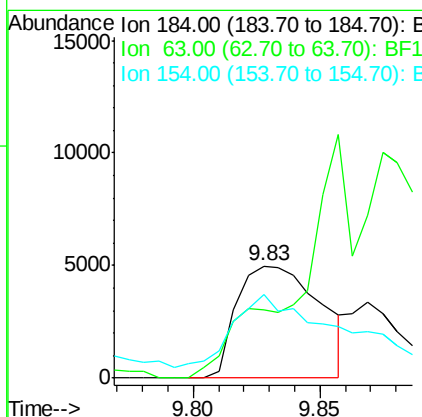
Manual Integrations  
APPROVED

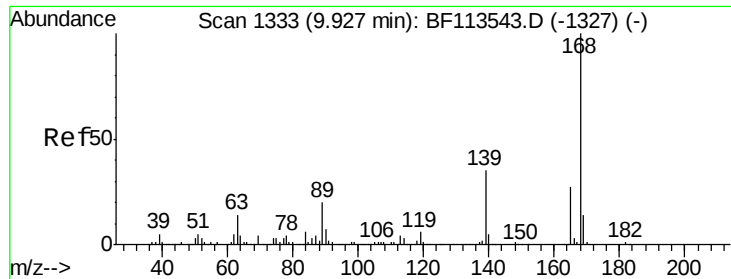
Sohil  
4/15/2019 2:22:42 PM



#54  
2,4-Dinitrophenol  
Concen: 7.308 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. 0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 61.0  | 54.3  | 81.5  |
| 154     | 74.0  | 48.4  | 72.6  |





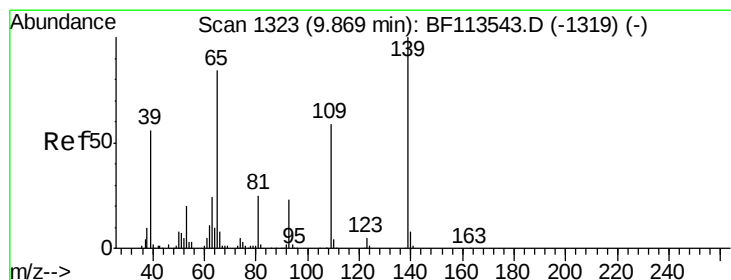
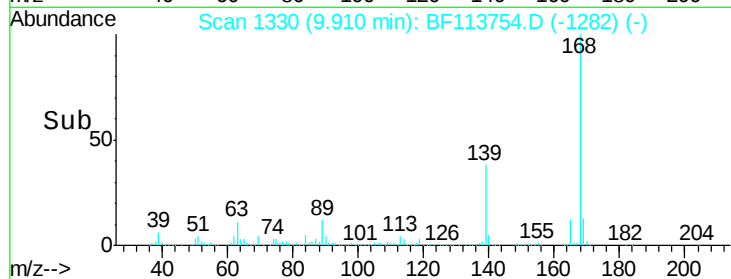
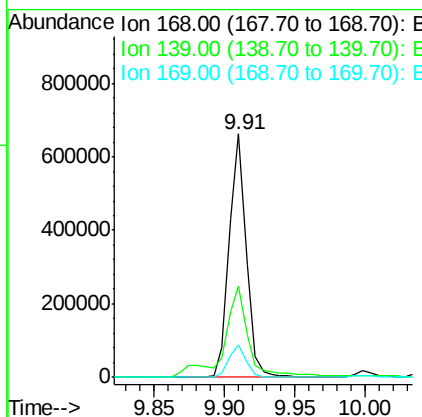
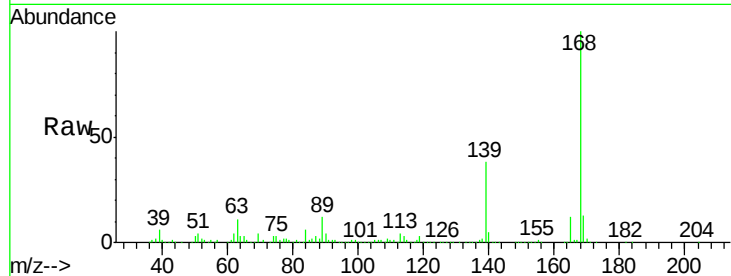
#55  
Dibenzofuran  
Concen: 32.016 ng  
RT: 9.91 min Scan# 1330  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 559433 |       |       |
| 139     | 37.5  | 29.7   | 44.5  |       |
| 169     | 13.5  | 10.7   | 16.1  |       |

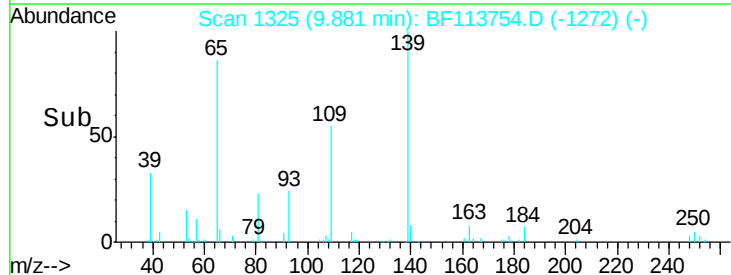
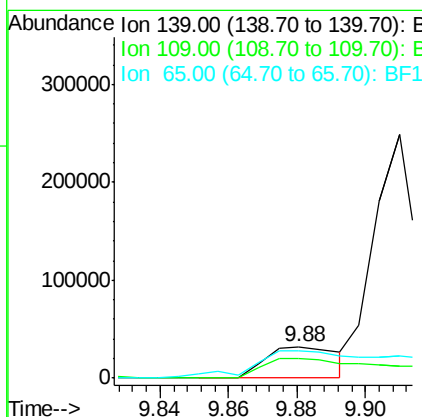
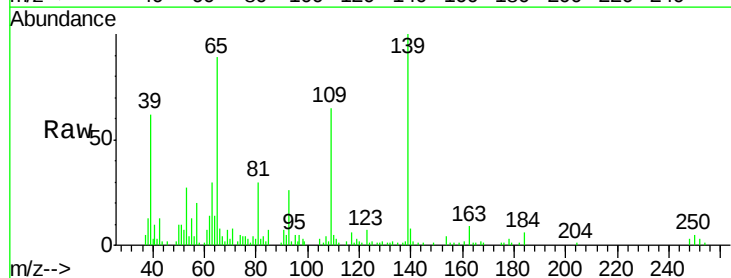
Manual Integrations  
APPROVED

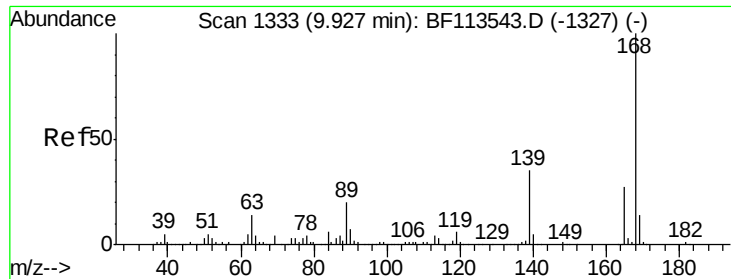
Sohil  
4/15/2019 2:22:42 PM



#56  
4-Nitrophenol  
Concen: 20.156 ng m  
RT: 9.88 min Scan# 1325  
Delta R.T. 0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 47311 |       |       |
| 109     | 64.6  | 46.9  | 86.9  |       |
| 65      | 89.0  | 77.2  | 117.2 |       |





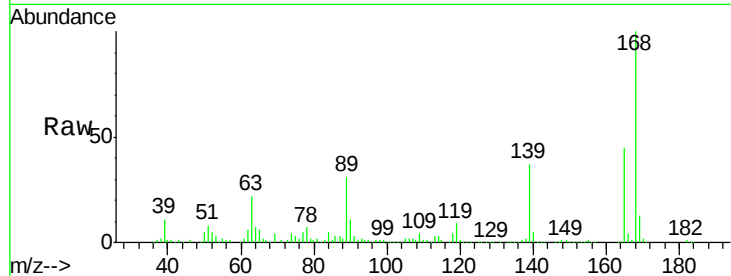
#57  
 2,4-Dinitrotoluene  
 Concen: 32.207 ng  
 RT: 9.92 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

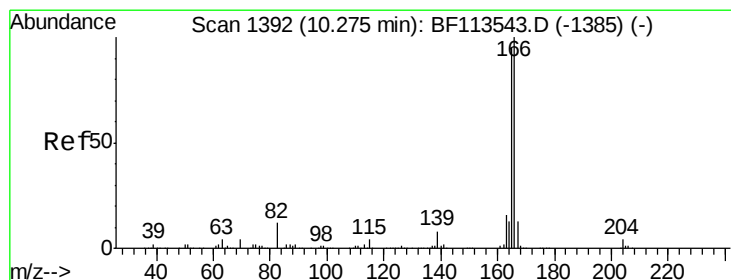
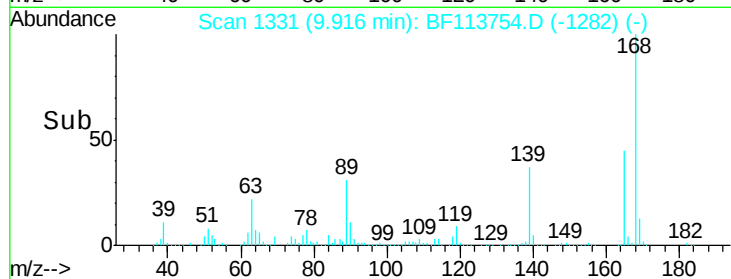
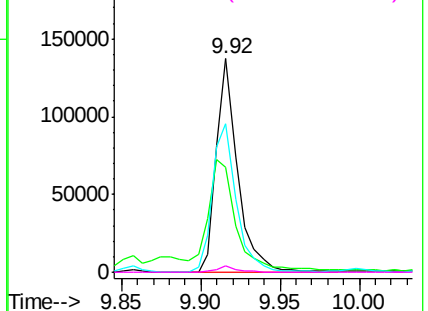
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 129634 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 48.9  | 37.5  | 56.3   |
| 89        | 69.3  | 57.4  | 86.2   |
| 182       | 2.7   | 2.0   | 3.0    |

Manual Integrations  
 APPROVED

Sohil  
 4/15/2019 2:22:42 PM



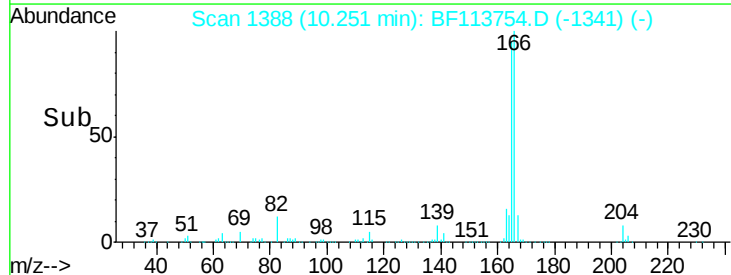
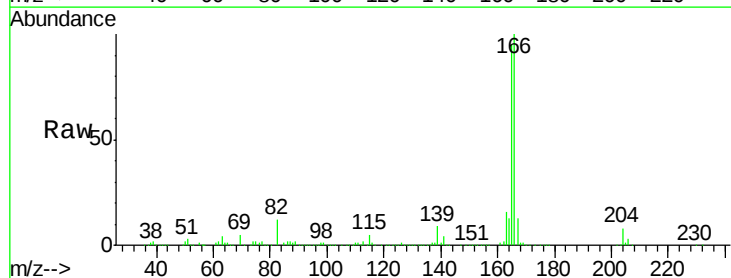
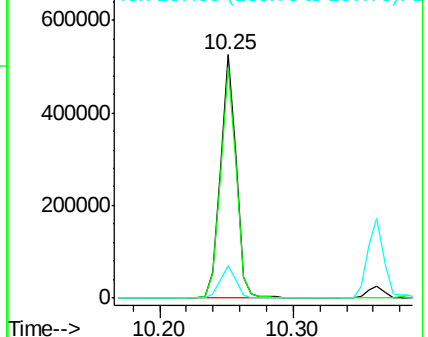
Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BF1  
 Ion 89.00 (88.70 to 89.70): BF1  
 Ion 182.00 (181.70 to 182.70): E

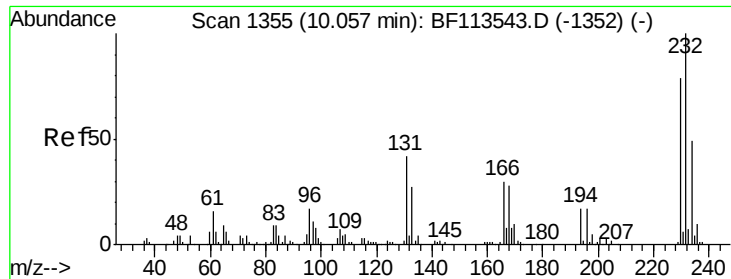


#58  
 Fluorene  
 Concen: 31.741 ng  
 RT: 10.25 min Scan# 1388  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 438659 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 94.9  | 76.2  | 114.2  |
| 167       | 13.5  | 10.7  | 16.1   |

Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E





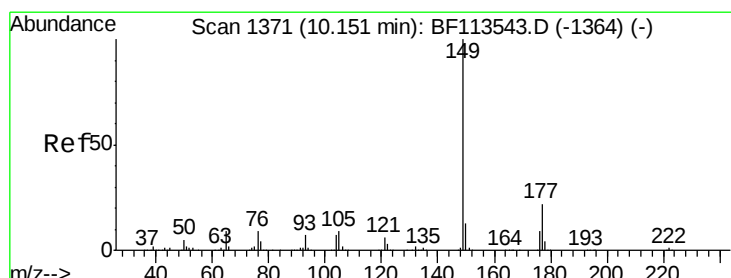
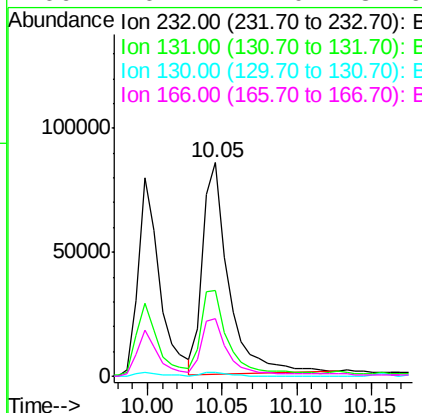
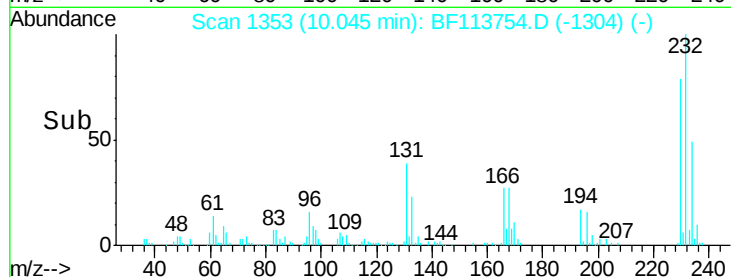
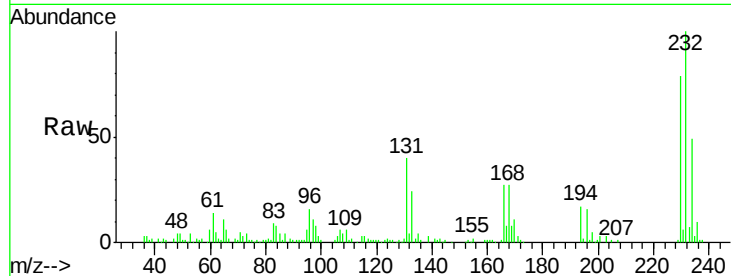
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 26.119 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. -0.01 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 101491 |       |       |
| 131     | 40.4  | 33.2   | 49.8  |       |
| 130     | 2.1   | 1.6    | 2.4   |       |
| 166     | 26.7  | 21.0   | 31.6  |       |

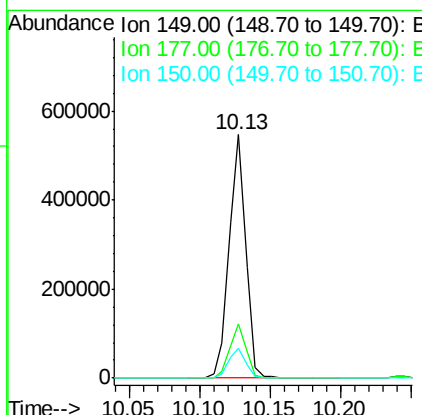
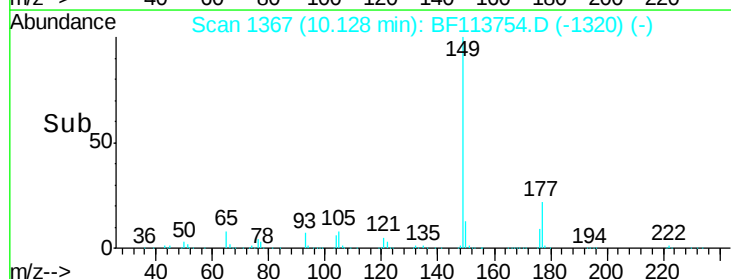
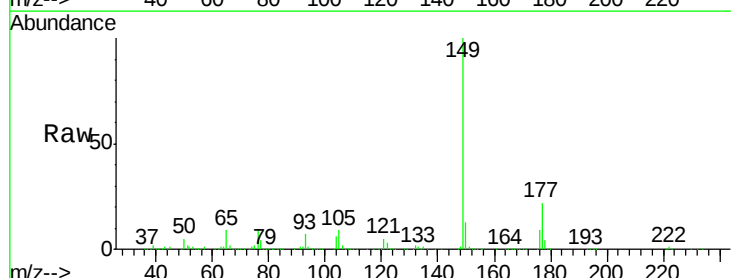
Manual Integrations  
 APPROVED

Sohil  
 4/15/2019 2:22:42 PM



#60  
 Diethylphthalate  
 Concen: 30.759 ng  
 RT: 10.13 min Scan# 1367  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 447750 |       |       |
| 177     | 22.4  | 17.4   | 26.0  |       |
| 150     | 12.5  | 10.0   | 15.0  |       |





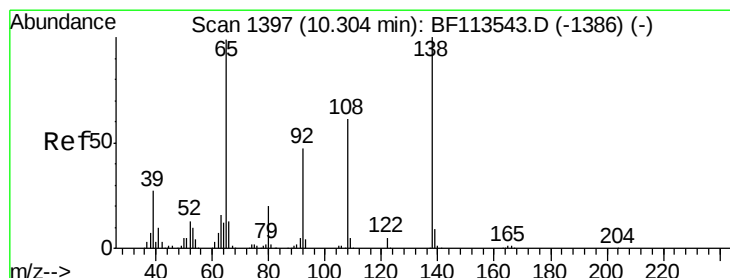
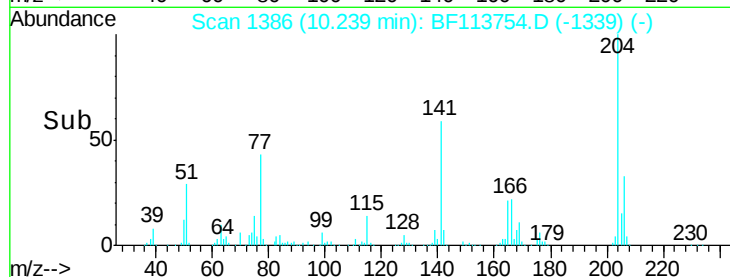
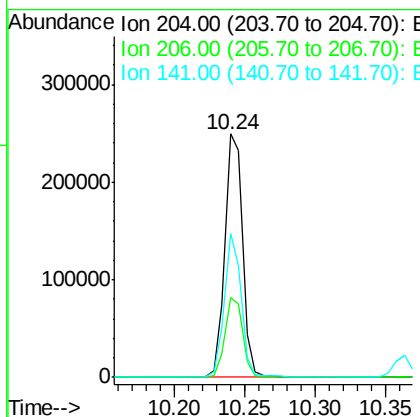
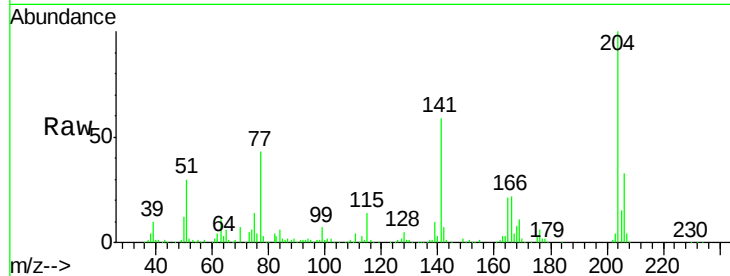
#61  
 4-Chlorophenyl-phenylether  
 Concen: 32.130 ng  
 RT: 10.24 min Scan# 1386  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 26.9  | 40.3  |
| 141     | 58.9  | 48.8  | 73.2  |

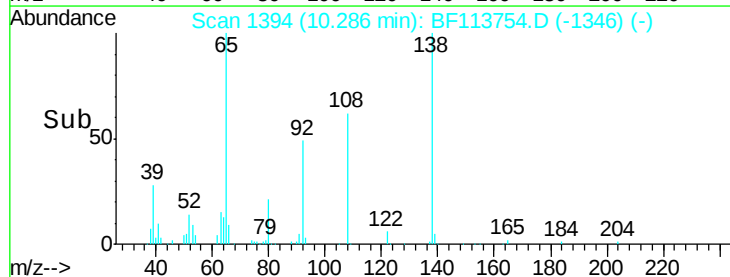
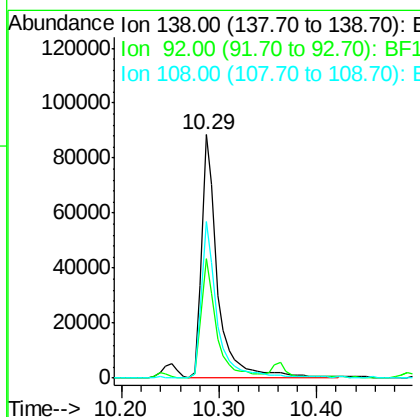
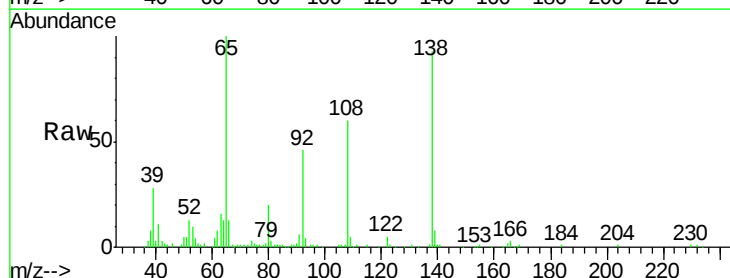
Manual Integrations  
 APPROVED

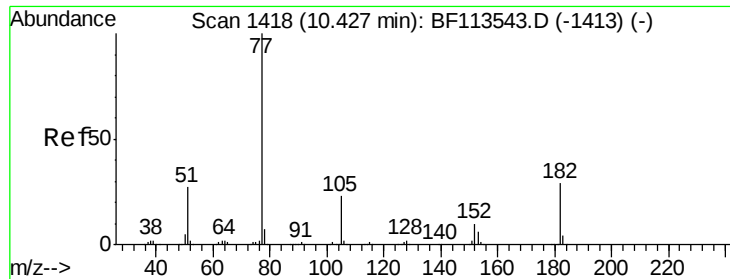
Sohil  
 4/15/2019 2:22:42 PM



#62  
 4-Nitroaniline  
 Concen: 25.991 ng  
 RT: 10.29 min Scan# 1394  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 49.2  | 25.8  | 65.8  |
| 108     | 64.6  | 44.0  | 84.0  |





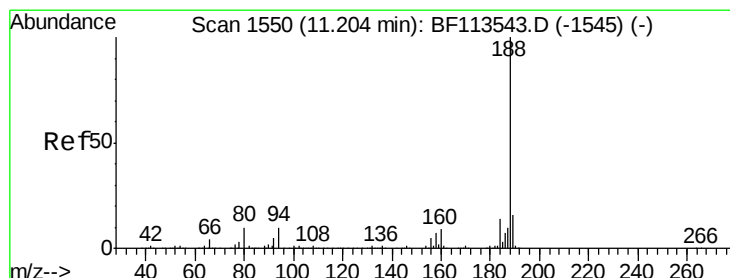
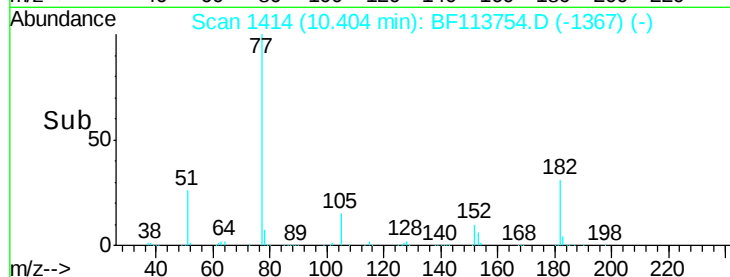
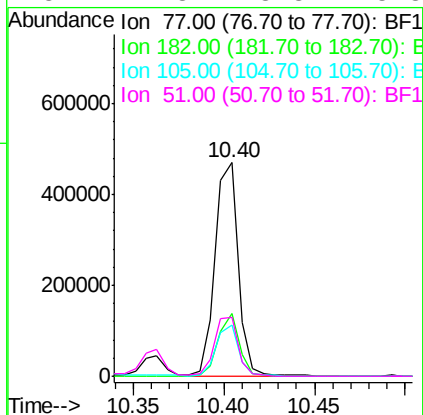
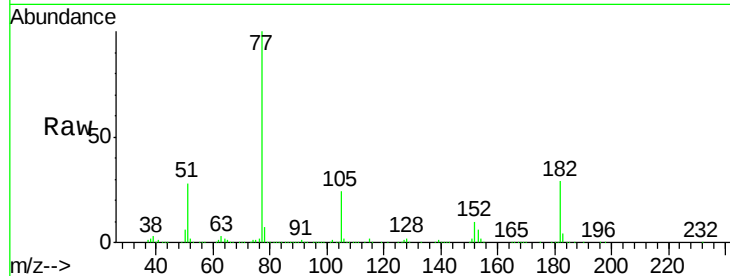
#63  
Azobenzene  
Concen: 30.027 ng  
RT: 10.40 min Scan# 1414  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 413857 |       |       |
| 182     | 29.5  | 8.7    | 48.7  |       |
| 105     | 23.9  | 2.9    | 42.9  |       |
| 51      | 27.8  | 8.8    | 48.8  |       |

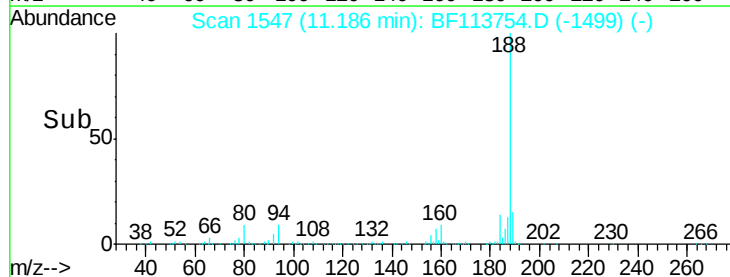
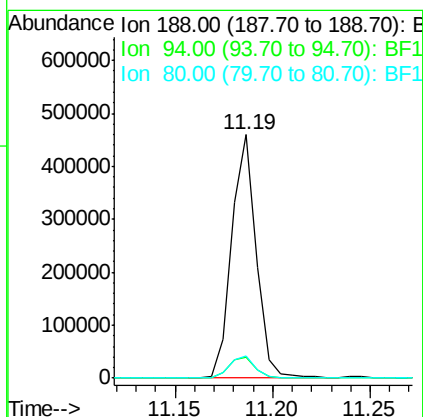
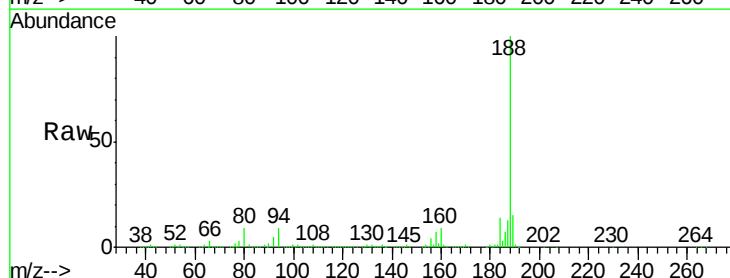
Manual Integrations  
APPROVED

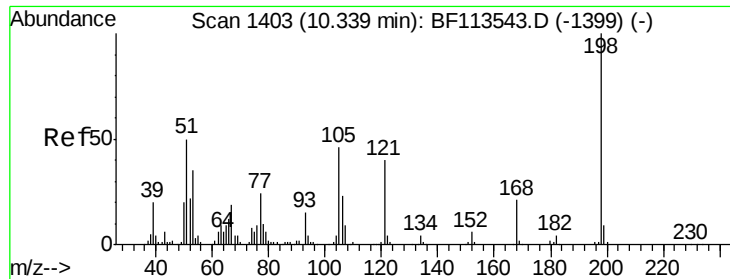
Sohil  
4/15/2019 2:22:42 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.19 min Scan# 1547  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 400376 |       |       |
| 94      | 8.6   | 7.0    | 10.6  |       |
| 80      | 8.9   | 7.7    | 11.5  |       |





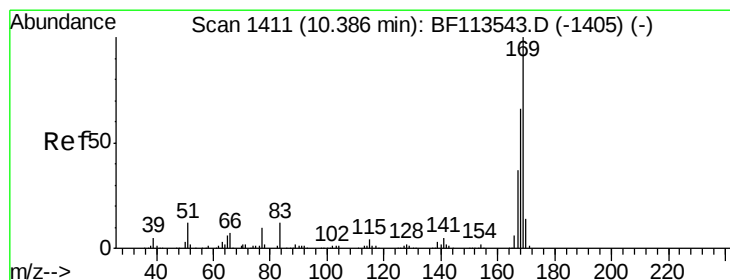
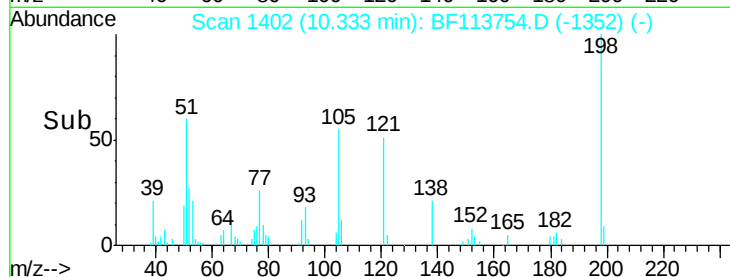
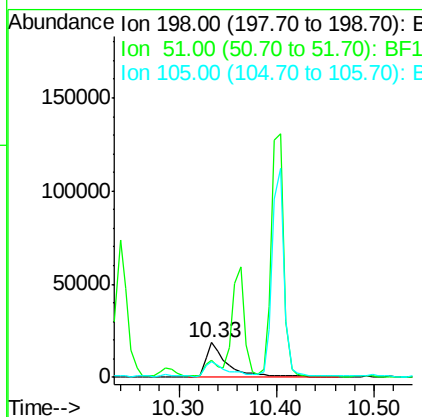
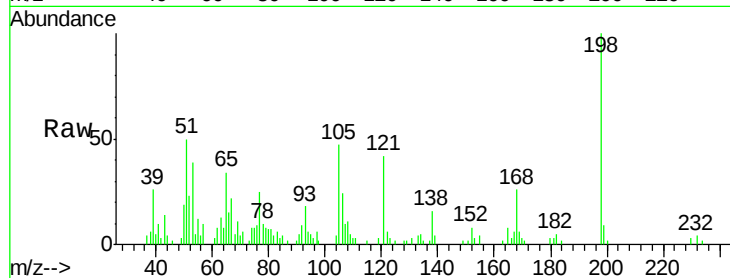
#65  
4,6-Dinitro-2-methylphenol  
Concen: 13.880 ng  
RT: 10.33 min Scan# 1402  
Delta R.T. -0.01 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 49.7  | 21.6  | 61.6  |
| 105     | 47.1  | 20.6  | 60.6  |

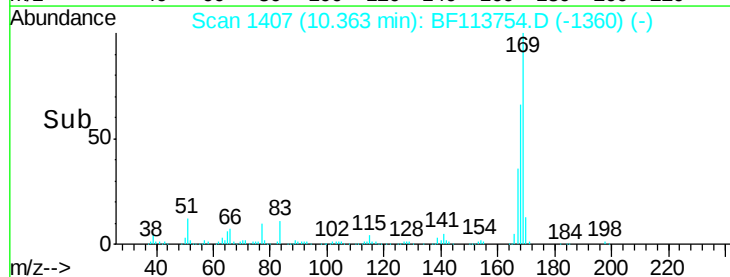
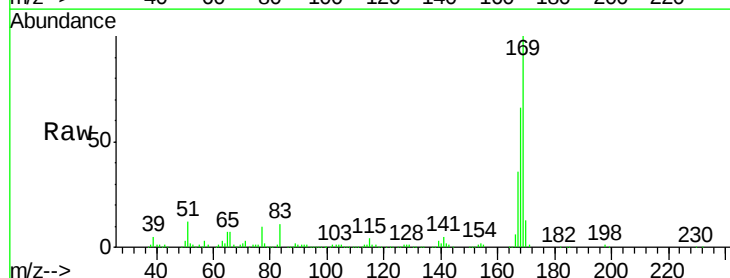
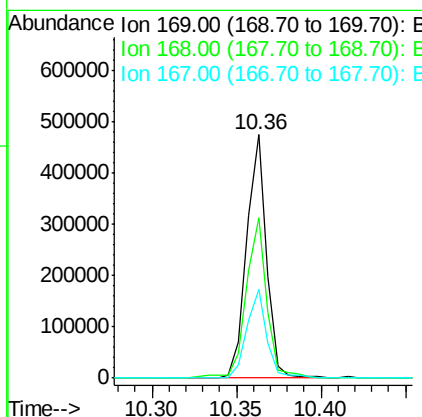
Manual Integrations  
APPROVED

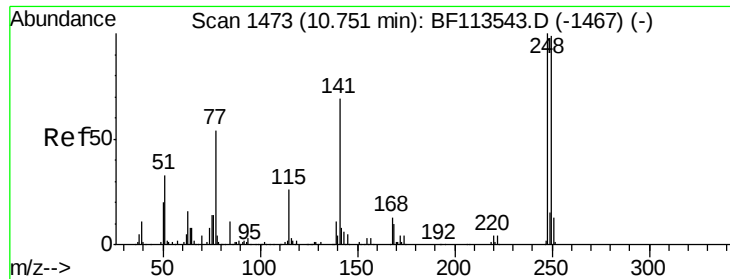
Sohil  
4/15/2019 2:22:42 PM



#66  
n-Nitrosodiphenylamine  
Concen: 31.769 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.1  | 53.7  | 80.5  |
| 167     | 36.2  | 29.5  | 44.3  |





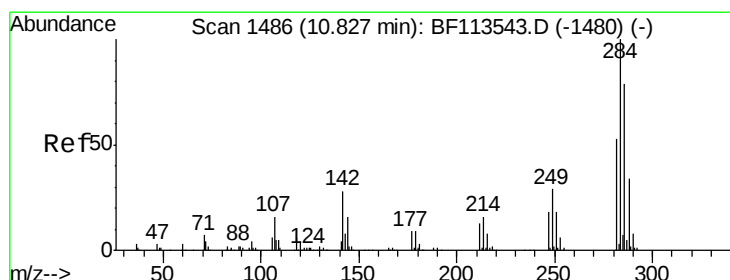
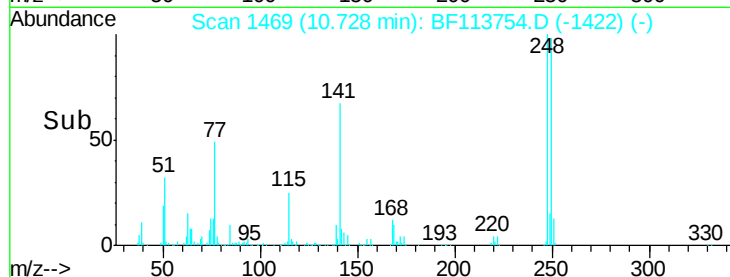
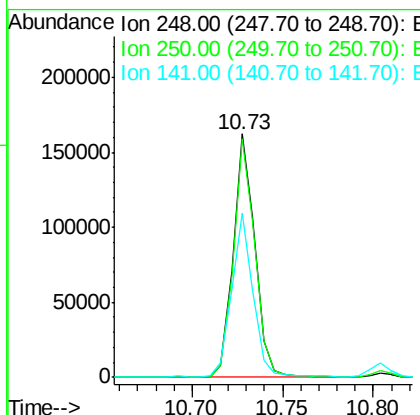
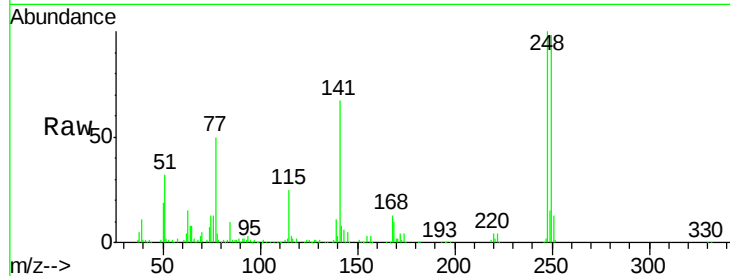
#67  
4-Bromophenyl-phenylether  
Concen: 30.166 ng  
RT: 10.73 min Scan# 1469  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 78.3  | 117.5 |
| 141     | 67.2  | 56.2  | 84.4  |

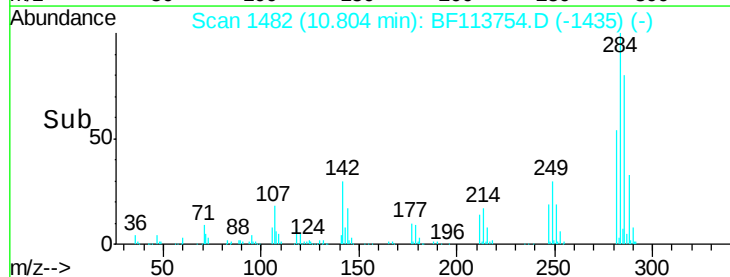
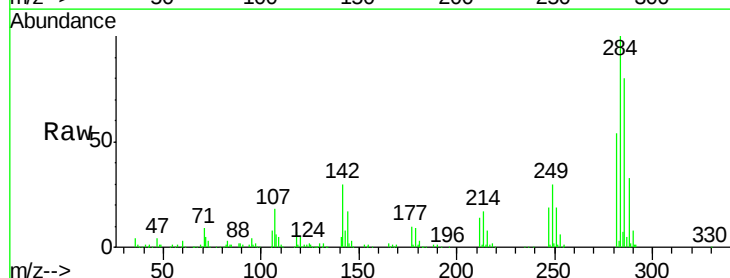
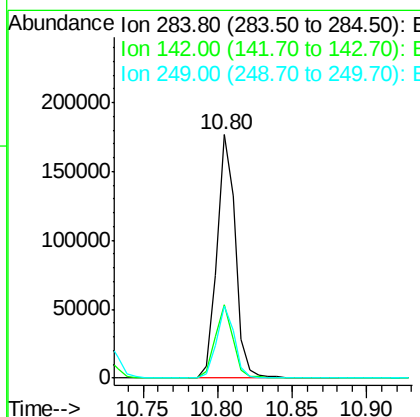
Manual Integrations  
APPROVED

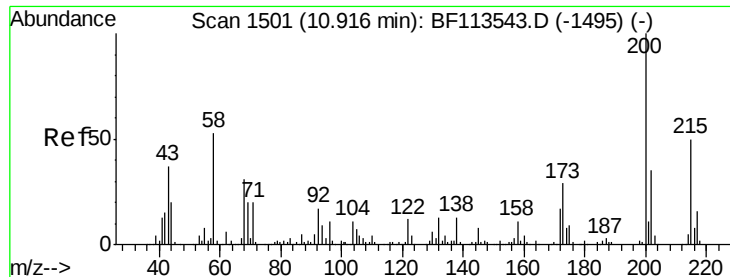
Sohil  
4/15/2019 2:22:42 PM



#68  
Hexachlorobenzene  
Concen: 29.795 ng  
RT: 10.80 min Scan# 1482  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.1  | 20.1  | 30.1# |
| 249     | 29.6  | 22.7  | 34.1  |





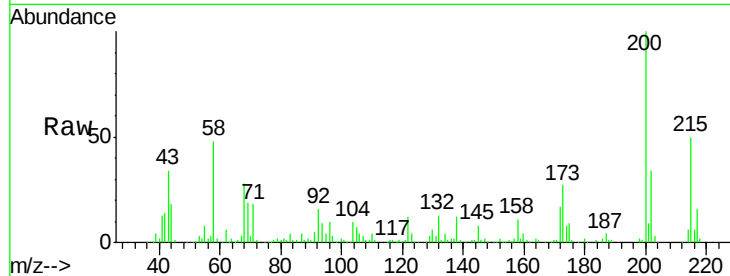
#69  
 Atrazine  
 Concen: 30.152 ng  
 RT: 10.89 min Scan# 1497  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

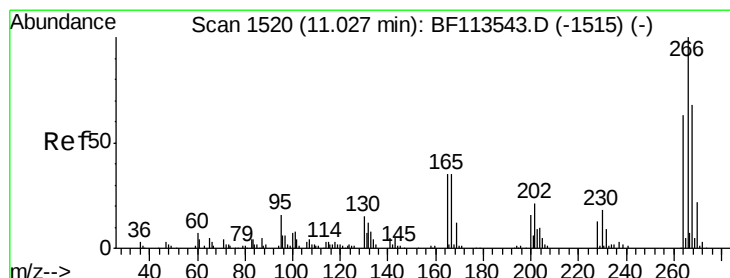
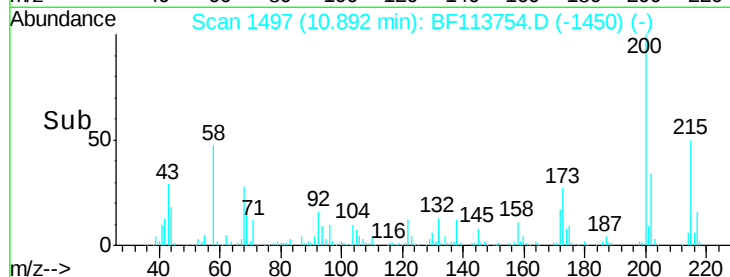
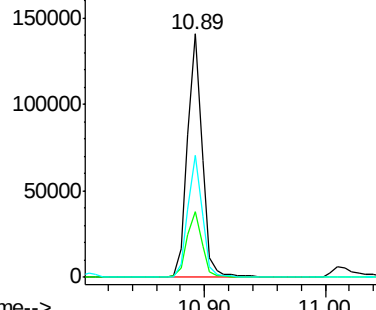
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 27.2  | 6.0        | 46.0       |
| 215     | 49.9  | 31.3       | 71.3       |

Manual Integrations  
 APPROVED

Sohil  
 4/15/2019 2:22:42 PM

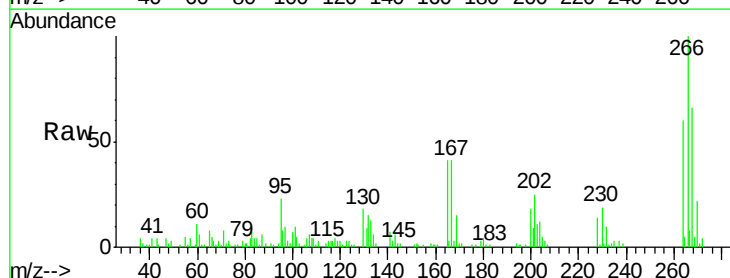


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

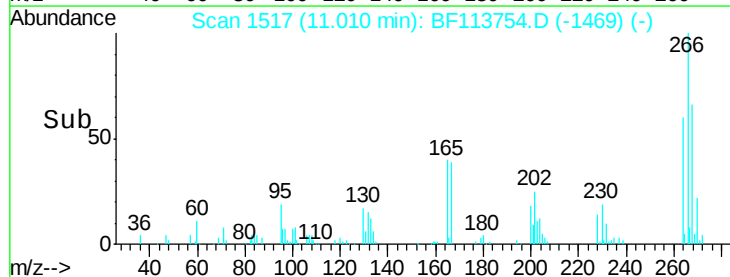
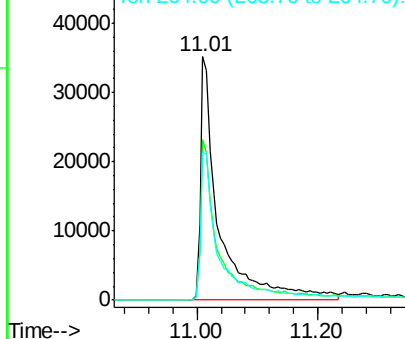


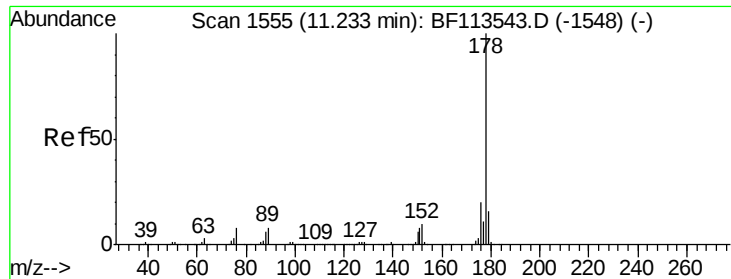
#70  
 Pentachlorophenol  
 Concen: 31.461 ng  
 RT: 11.01 min Scan# 1517  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 65.7  | 53.8       | 80.6       |
| 264     | 65.2  | 49.2       | 73.8       |



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





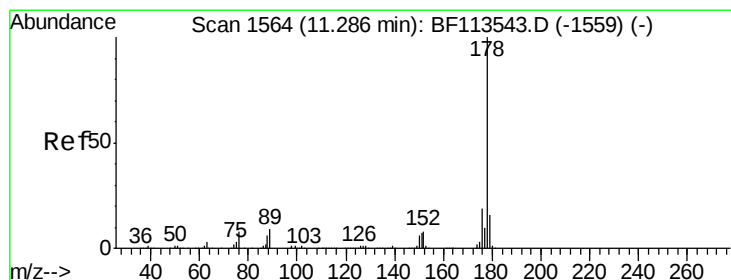
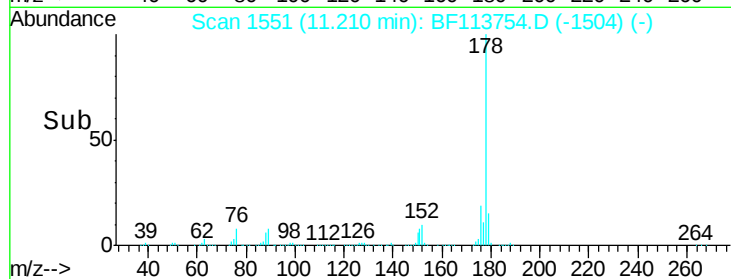
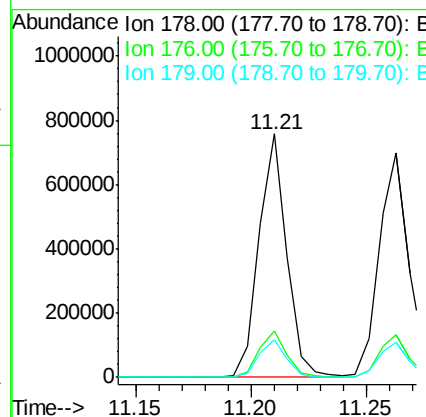
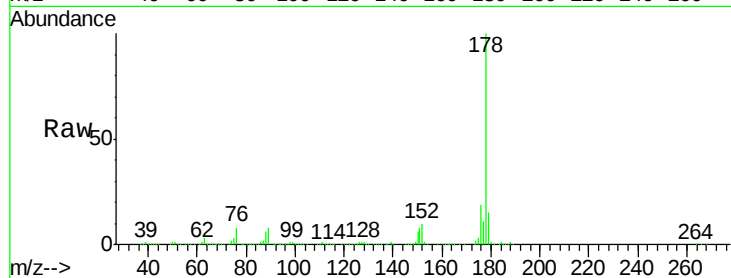
#71  
Phenanthrene  
Concen: 32.093 ng  
RT: 11.21 min Scan# 1551  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 16.2  | 24.2  |
| 179     | 15.4  | 12.7  | 19.1  |

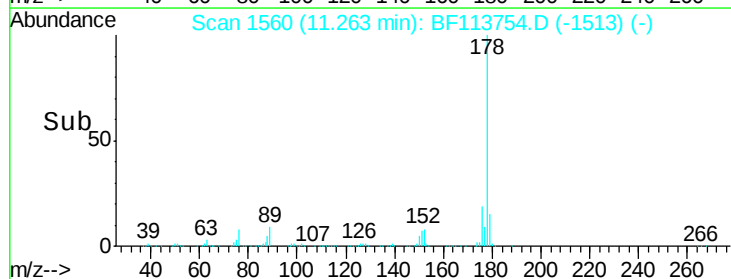
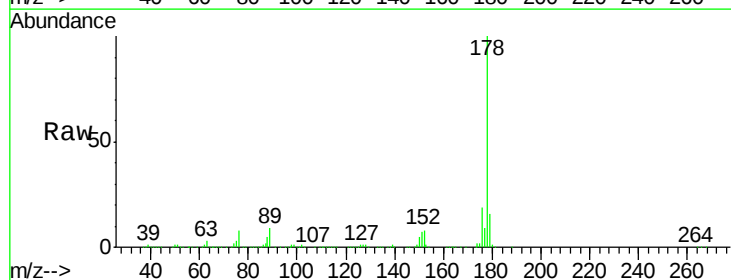
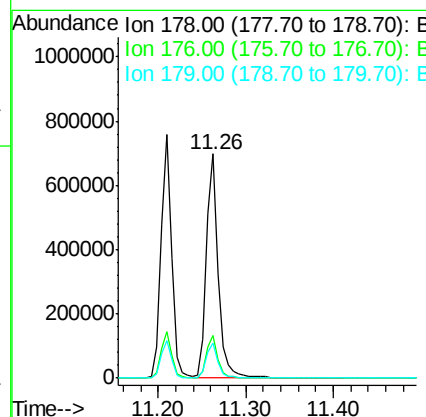
Manual Integrations  
APPROVED

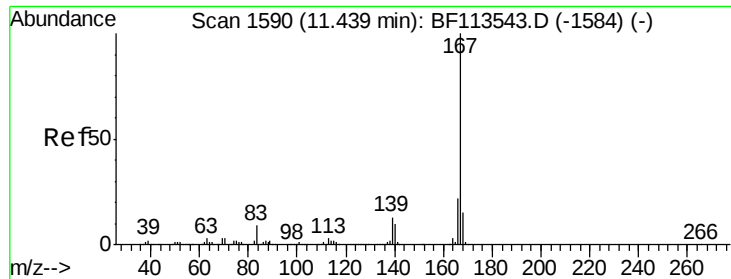
Sohil  
4/15/2019 2:22:42 PM



#72  
Anthracene  
Concen: 32.638 ng  
RT: 11.26 min Scan# 1560  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.4  | 23.2  |
| 179     | 15.6  | 12.8  | 19.2  |





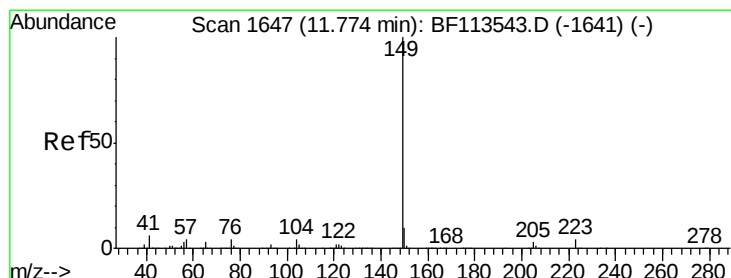
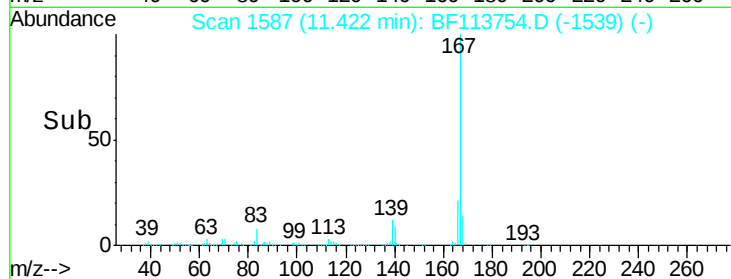
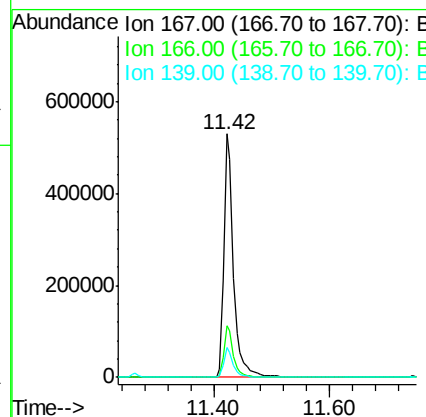
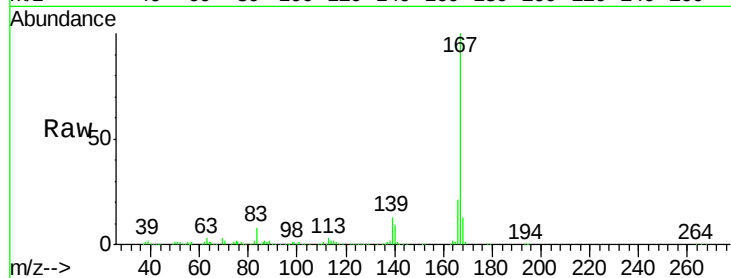
#73  
 Carbazole  
 Concen: 32.276 ng  
 RT: 11.42 min Scan# 1587  
 Delta R.T. -0.02 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.2  | 17.4  | 26.0  |
| 139     | 12.5  | 10.4  | 15.6  |

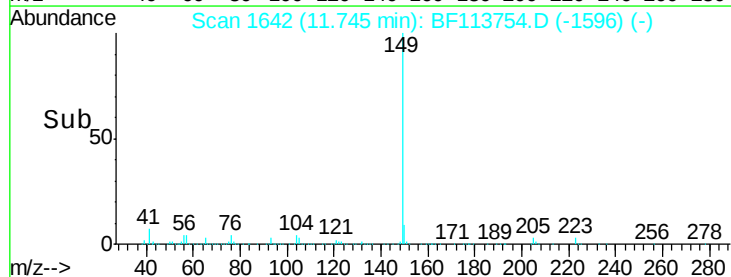
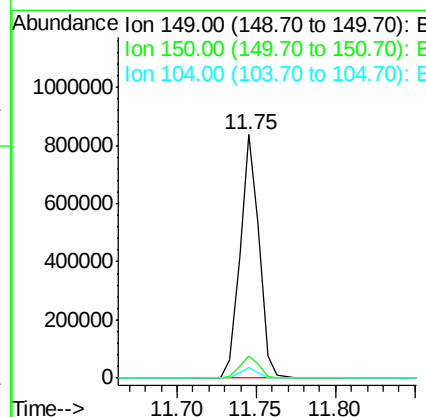
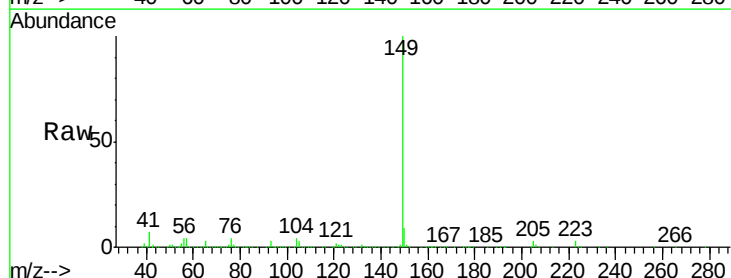
Manual Integrations  
 APPROVED

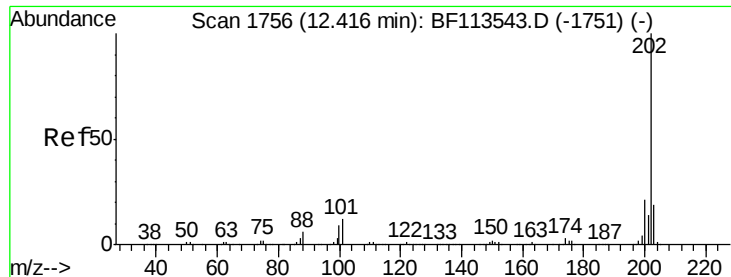
Sohil  
 4/15/2019 2:22:42 PM



#74  
 Di-n-butylphthalate  
 Concen: 30.691 ng  
 RT: 11.75 min Scan# 1642  
 Delta R.T. -0.03 min  
 Lab File: BF113754.D  
 Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.7   | 11.5  |
| 104     | 4.2   | 3.7   | 5.5   |





#75

Fluoranthene

Concen: 30.966 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

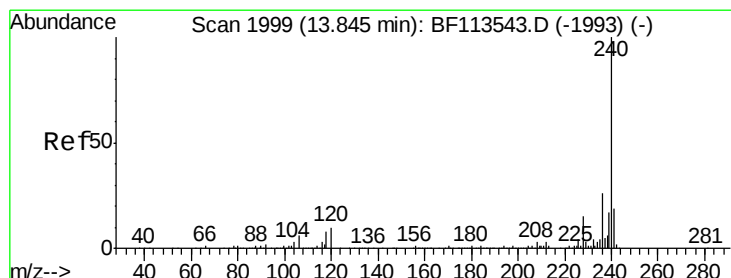
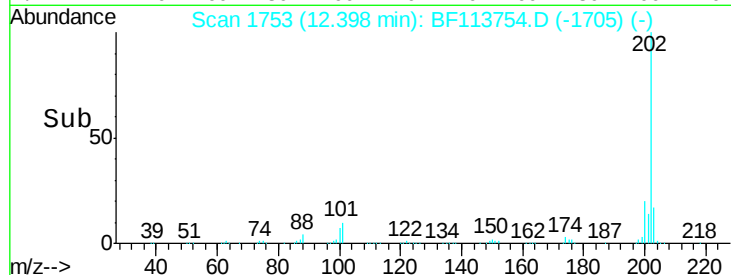
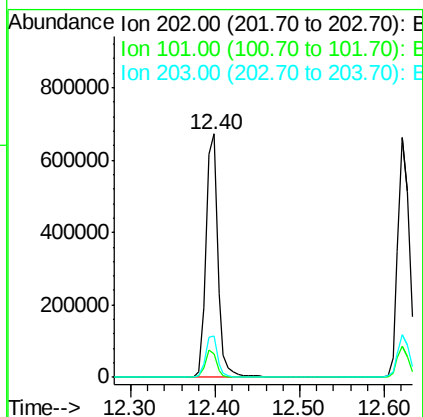
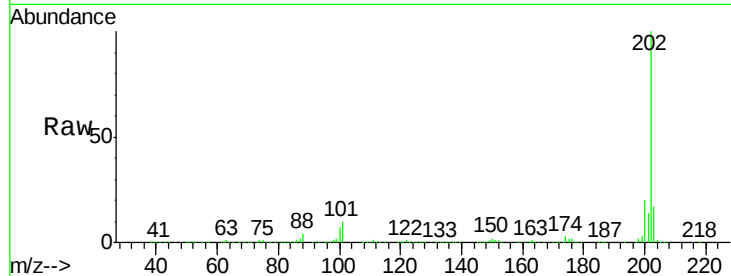
ClientSampleId :

P-1(0-10)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 660167 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.7   | 0.0   | 31.4   |
| 203       | 17.2  | 0.0   | 38.0   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#76

Chrysene-d12

Concen: 20.000 ng

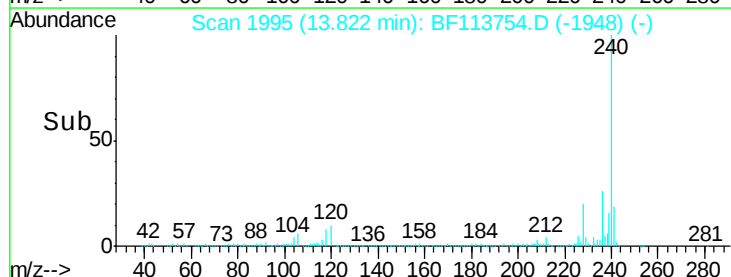
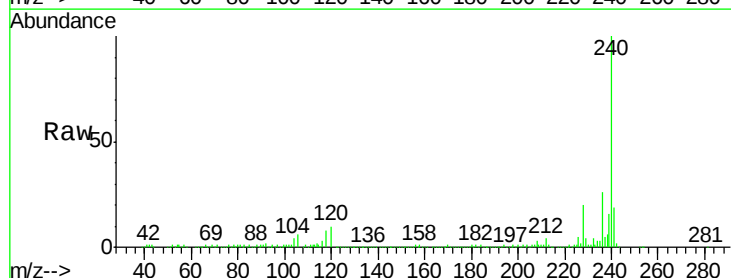
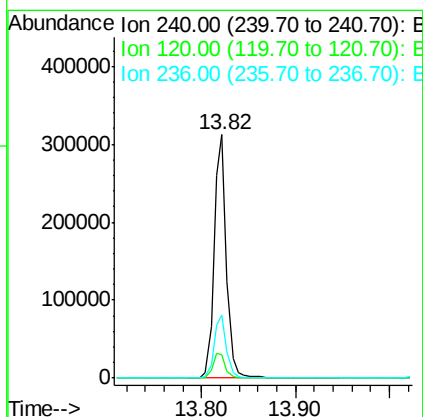
RT: 13.82 min Scan# 1995

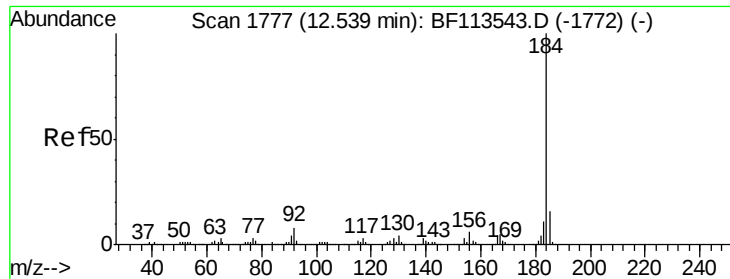
Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 288876 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.6   | 8.8   | 13.2   |
| 236       | 25.8  | 20.9  | 31.3   |





#77

Benzidine

Concen: 25.935 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

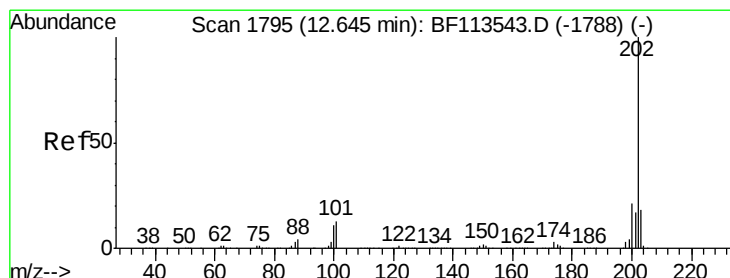
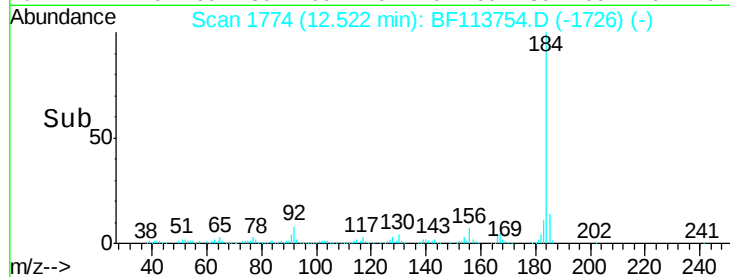
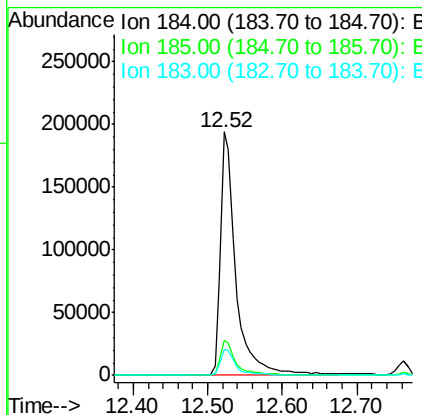
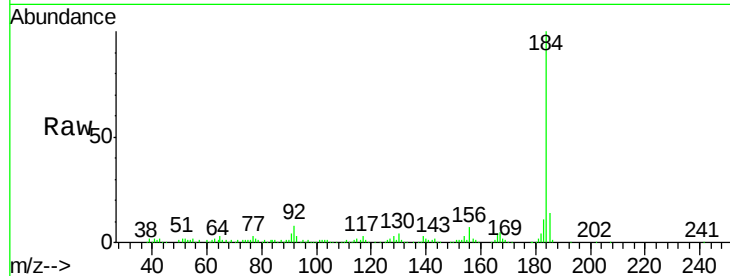
ClientSampleId :

P-1(0-10)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 278598 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.2  | 13.0  | 19.6   |
| 183       | 10.7  | 9.0   | 13.4   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#78

Pyrene

Concen: 29.584 ng

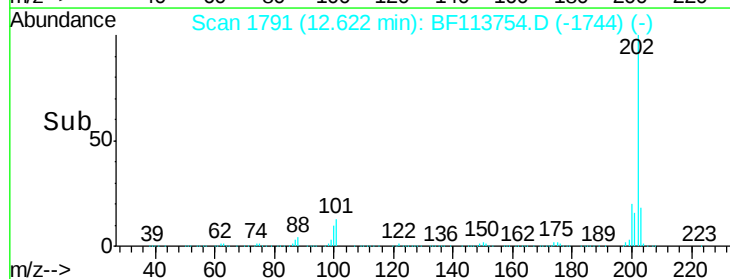
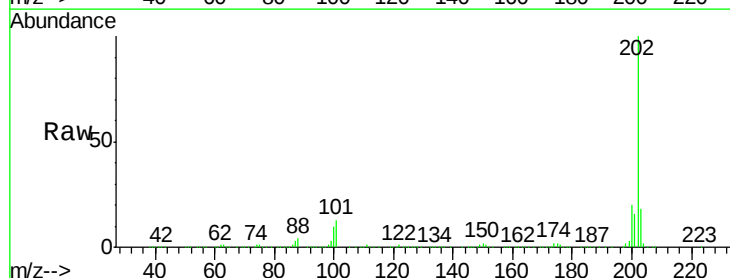
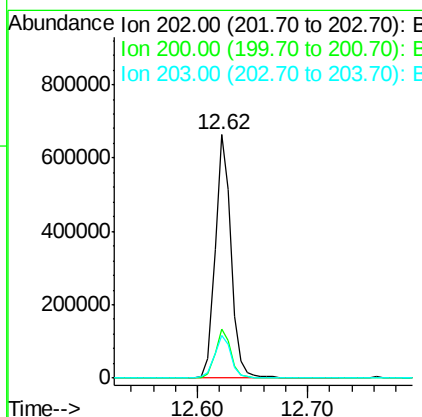
RT: 12.62 min Scan# 1791

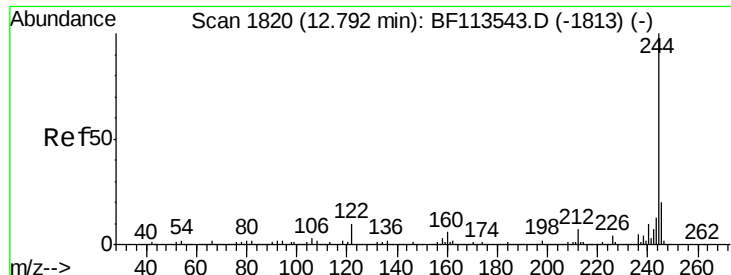
Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 650272 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.2  | 16.8  | 25.2   |
| 203       | 17.6  | 14.4  | 21.6   |





#79

Terphenyl-d14

Concen: 61.739 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

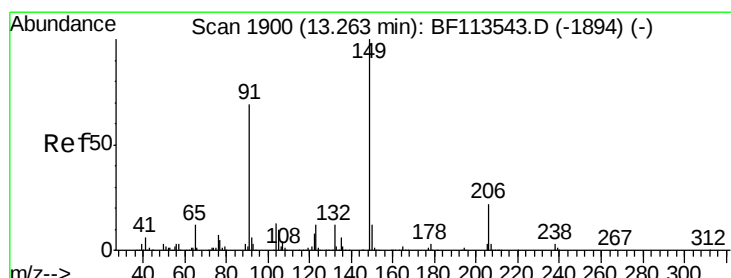
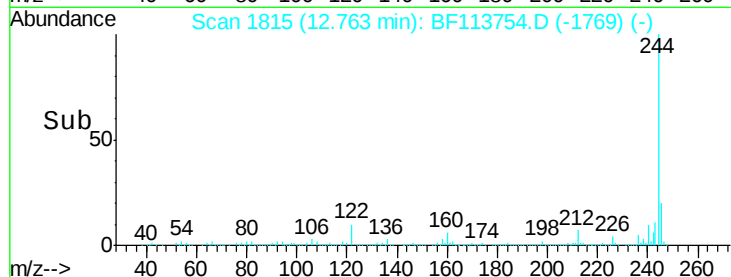
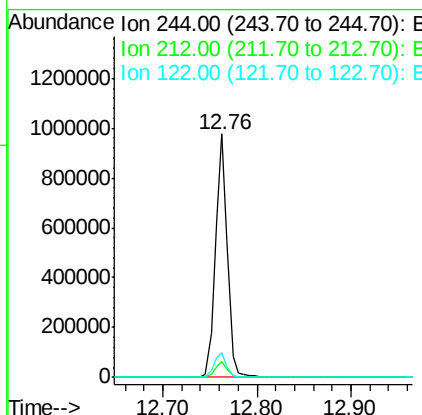
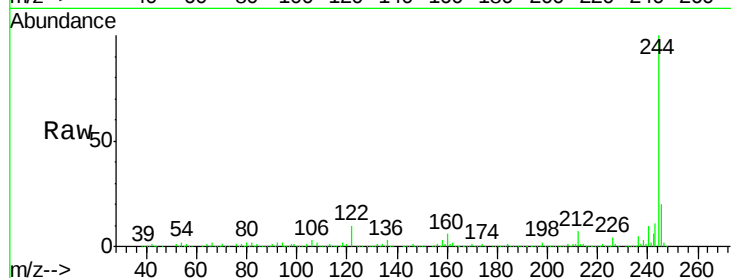
ClientSampleId :

P-1(0-10)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 875976 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.5   | 5.5   | 8.3    |
| 122       | 10.3  | 8.6   | 13.0   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#80

Butylbenzylphthalate

Concen: 28.918 ng

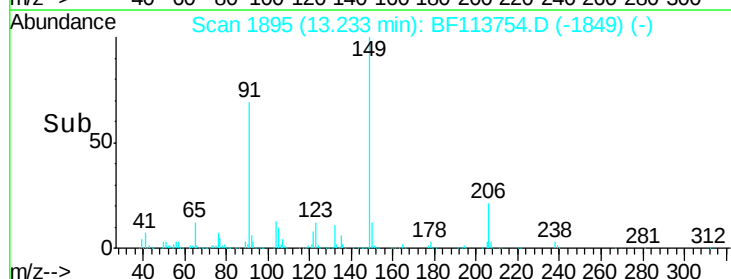
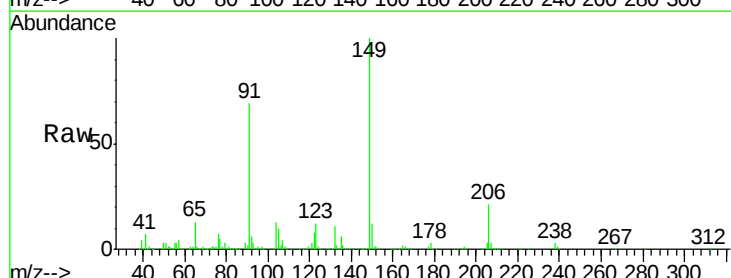
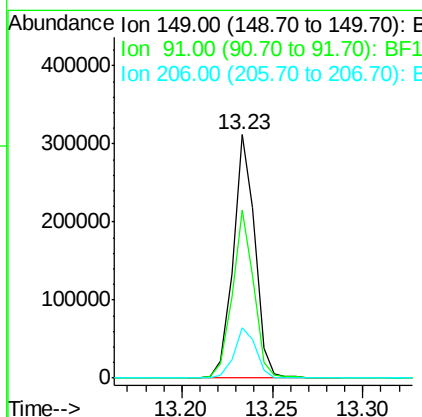
RT: 13.23 min Scan# 1895

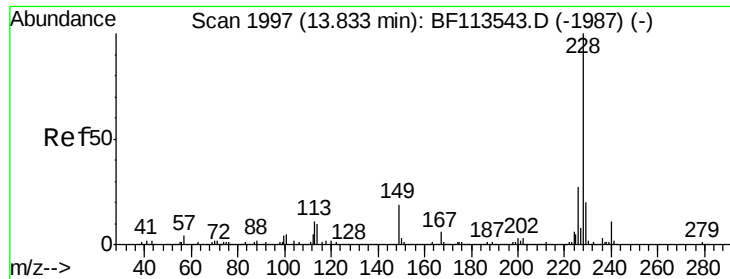
Delta R.T. -0.03 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 258738 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 69.2  | 55.2  | 82.8   |
| 206       | 20.8  | 16.1  | 24.1   |





#81

Benzo(a)anthracene

Concen: 28.967 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

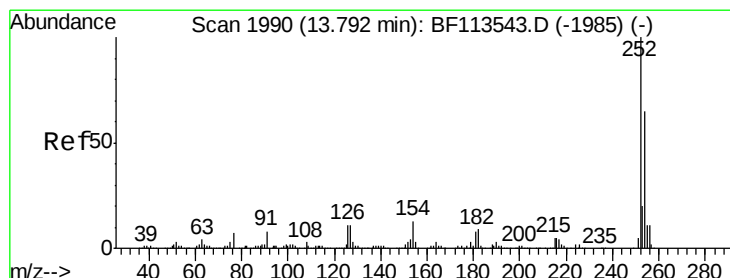
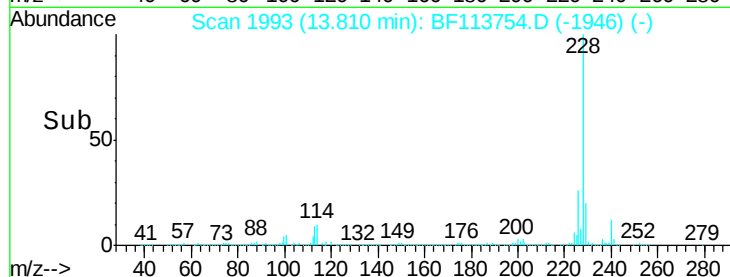
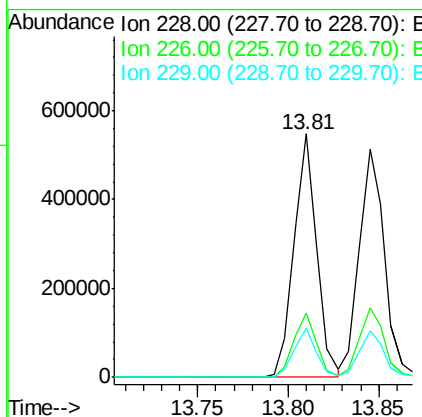
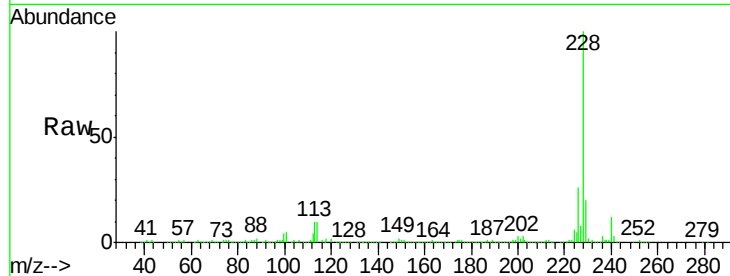
ClientSampleId :

P-1(0-10)MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 228  | Resp: | 482707 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 26.4 | 21.8  | 32.8   |
| 229       | 20.1 | 16.2  | 24.4   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#82

3,3'-Dichlorobenzidine

Concen: 21.359 ng

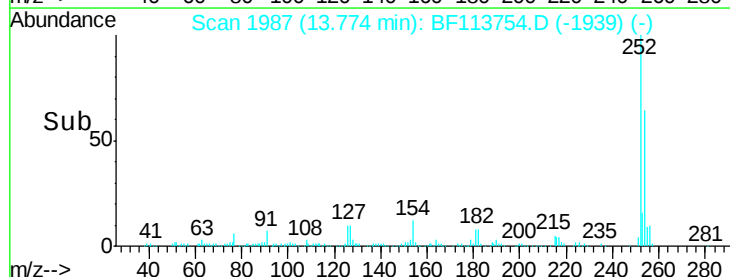
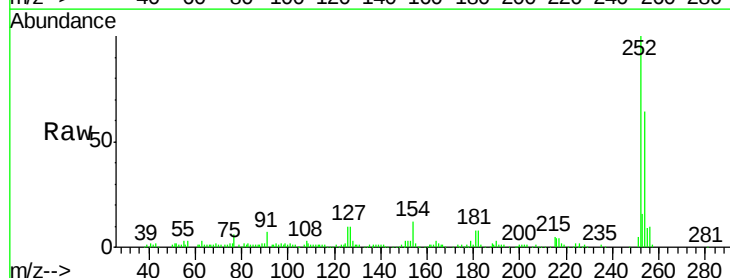
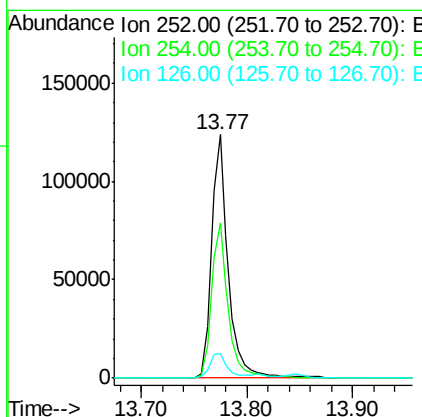
RT: 13.77 min Scan# 1987

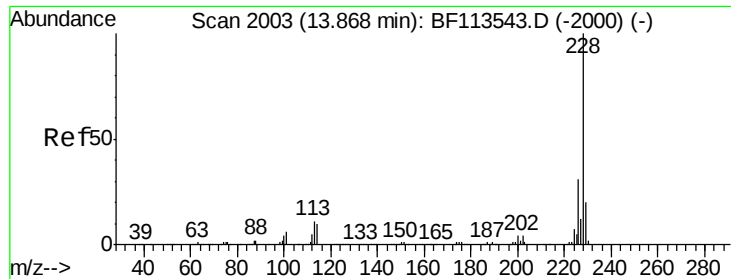
Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 137093 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 63.6 | 52.2  | 78.2   |
| 126       | 9.9  | 8.5   | 12.7   |





#83

Chrysene

Concen: 29.797 ng

RT: 13.85 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

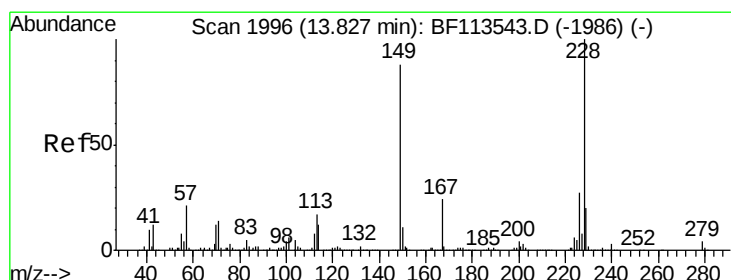
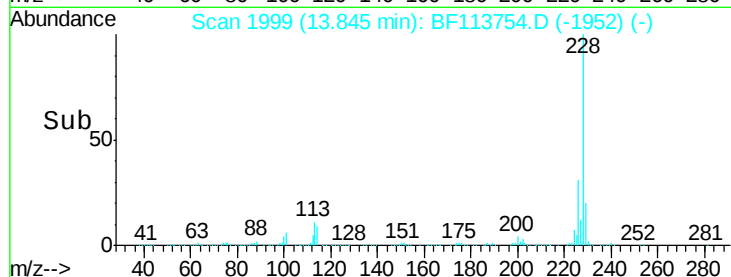
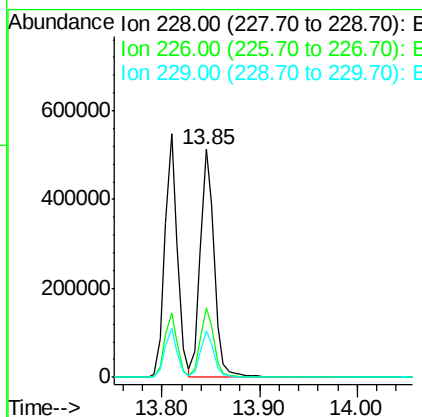
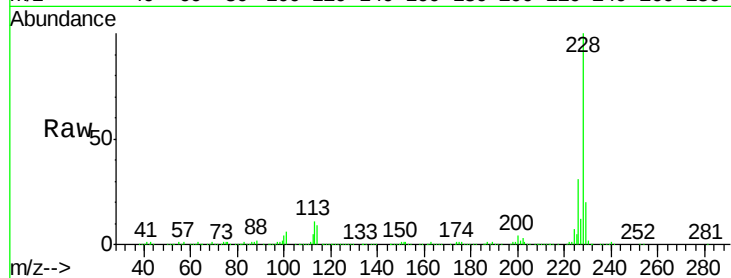
ClientSampleId :

P-1(0-10)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 503341 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.6  | 24.3  | 36.5   |
| 229       | 20.1  | 16.3  | 24.5   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.532 ng

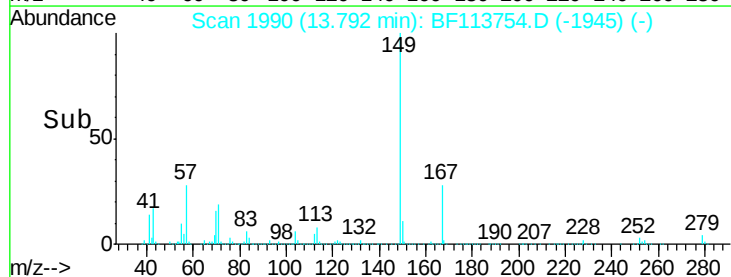
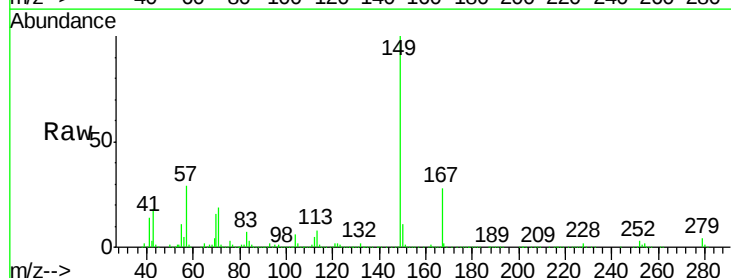
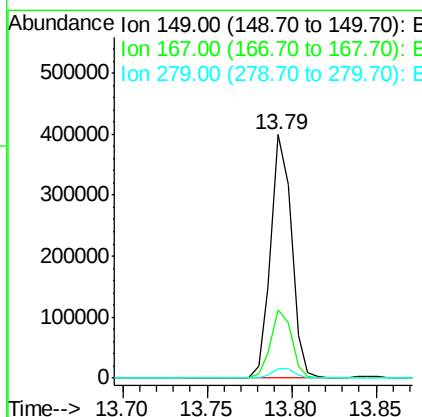
RT: 13.79 min Scan# 1990

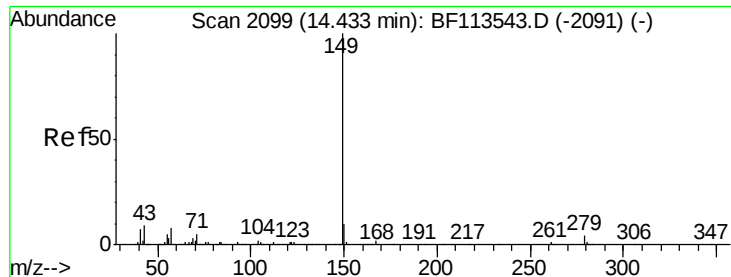
Delta R.T. -0.04 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 341110 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.2  | 21.8  | 32.8   |
| 279       | 3.6   | 2.9   | 4.3    |





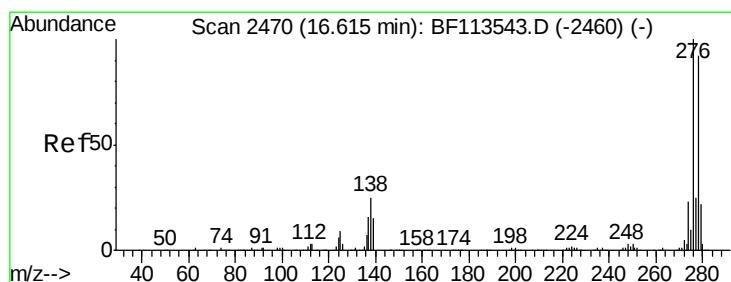
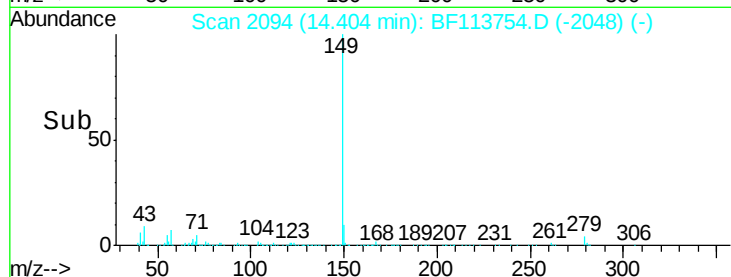
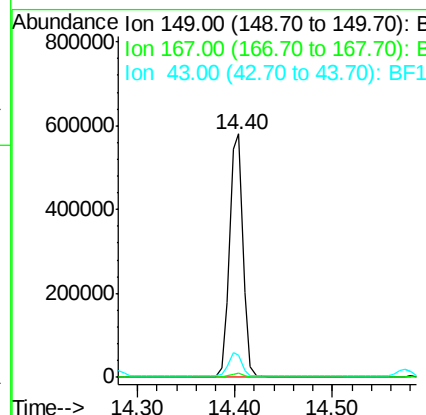
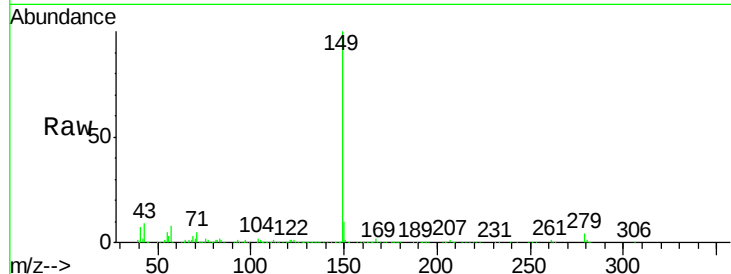
#85  
Di-n-octyl phthalate  
Concen: 31.470 ng  
RT: 14.40 min Scan# 2094  
Delta R.T. -0.03 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 553374 |       |       |
| 167     | 1.6   |        | 1.3   | 1.9   |
| 43      | 9.7   |        | 7.7   | 11.5  |

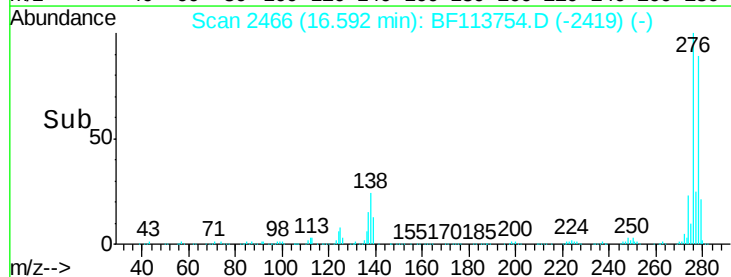
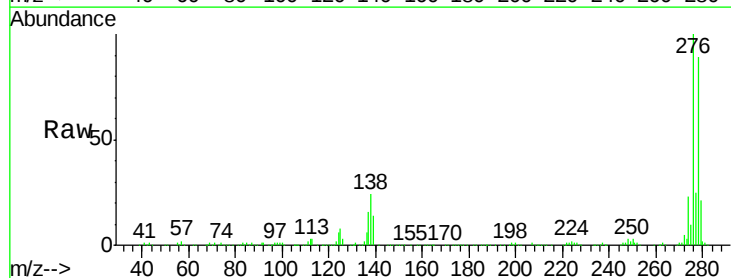
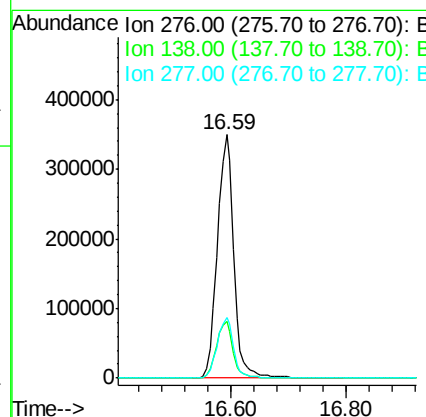
Manual Integrations  
APPROVED

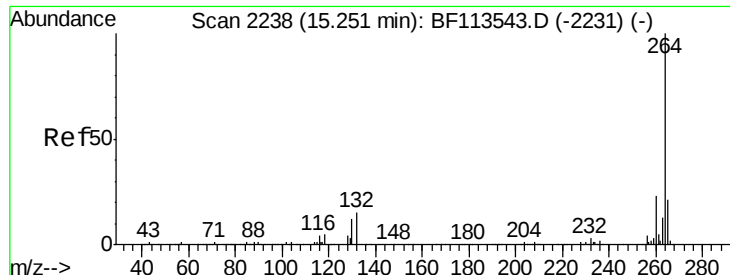
Sohil  
4/15/2019 2:22:42 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 44.730 ng  
RT: 16.59 min Scan# 2466  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 697637 |       |       |
| 138     | 23.6  |        | 18.1  | 27.1  |
| 277     | 24.9  |        | 20.2  | 30.4  |





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

Instrument :

BNA\_F

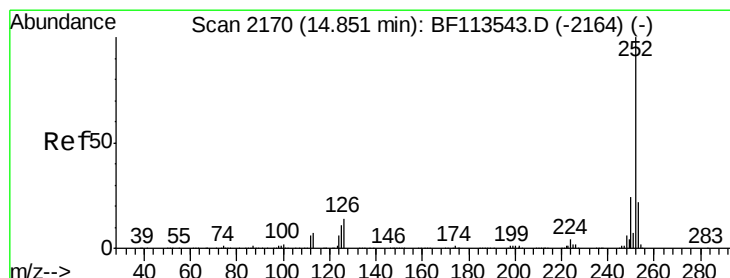
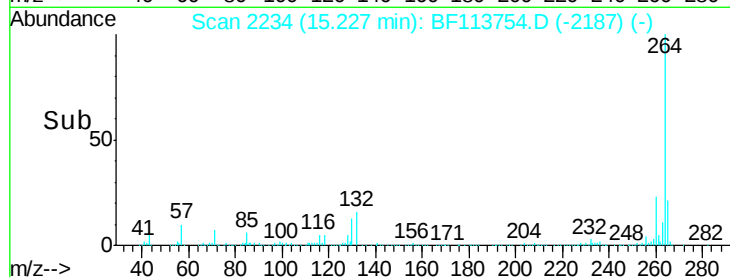
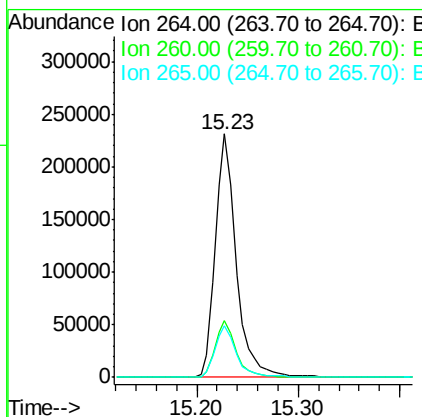
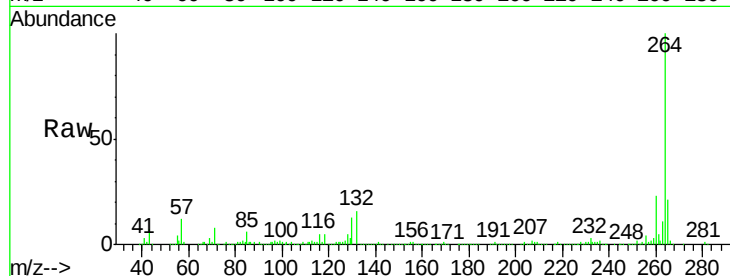
ClientSampleId :

P-1(0-10)MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 331809 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 23.4 | 19.1  | 28.7   |
| 265       | 21.2 | 17.1  | 25.7   |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#88

Benzo(b)fluoranthene

Concen: 27.670 ng

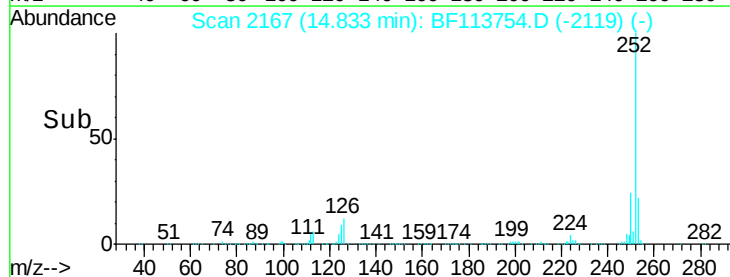
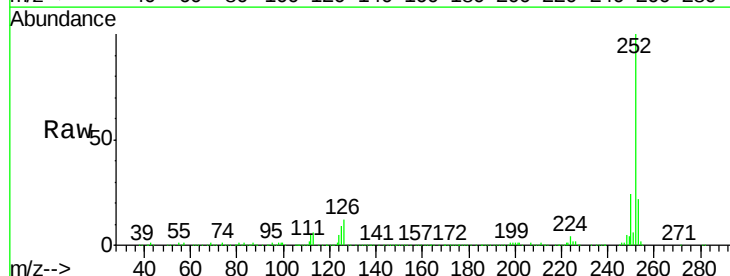
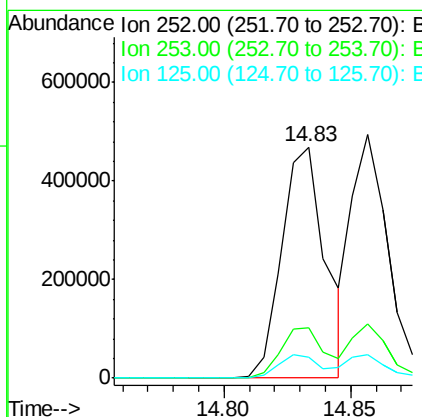
RT: 14.83 min Scan# 2167

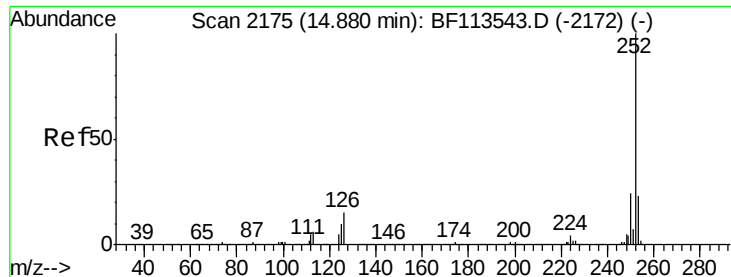
Delta R.T. -0.02 min

Lab File: BF113754.D

Acq: 12 Apr 2019 22:52

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 561999 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 21.9 | 18.0  | 27.0   |
| 125       | 9.2  | 7.6   | 11.4   |





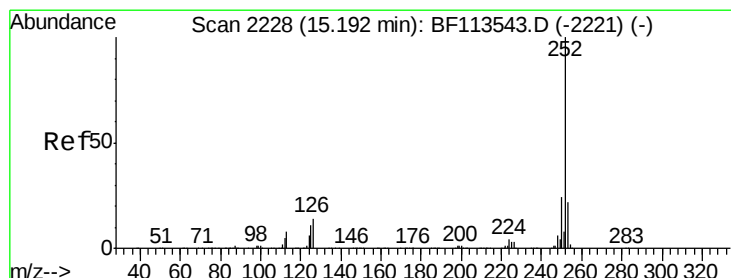
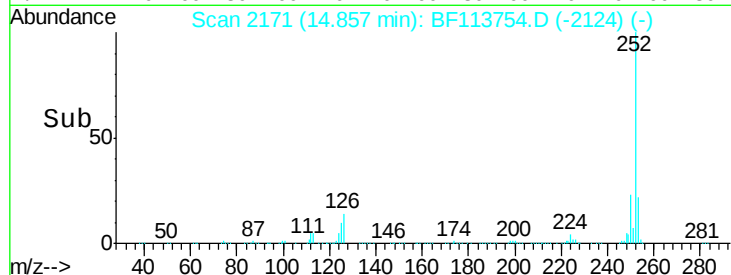
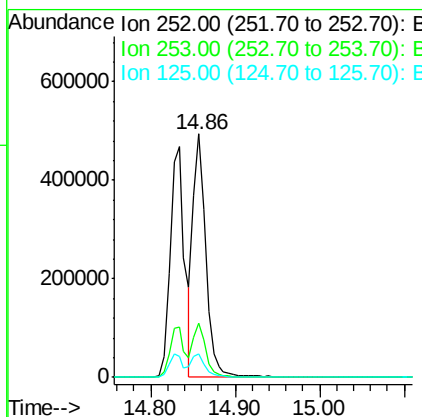
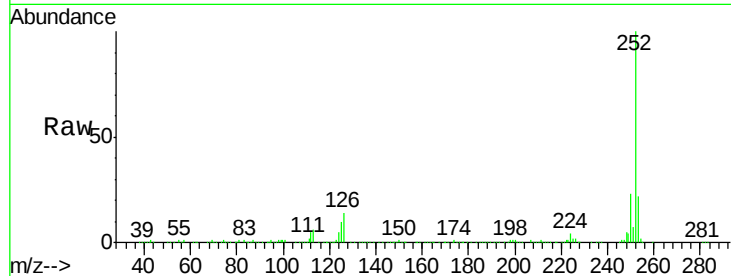
#89  
Benzo(k)fluoranthene  
Concen: 28.239 ng  
RT: 14.86 min Scan# 2171  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.7  | 26.5  |
| 125     | 9.8   | 7.3   | 10.9  |

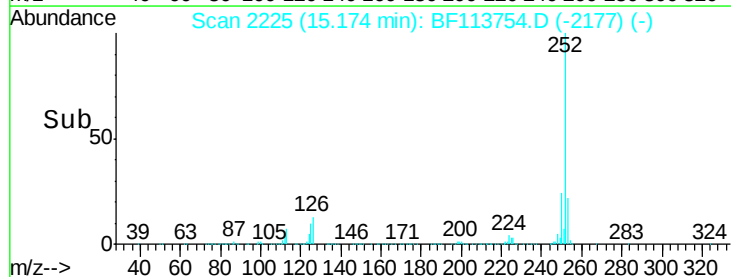
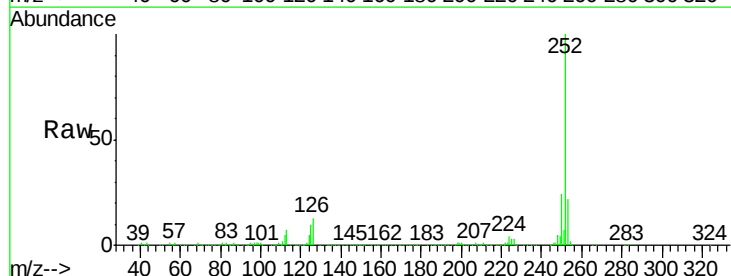
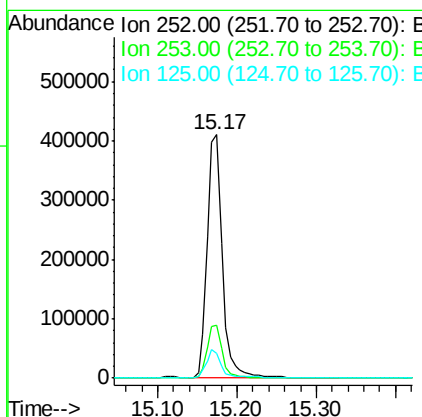
Manual Integrations  
APPROVED

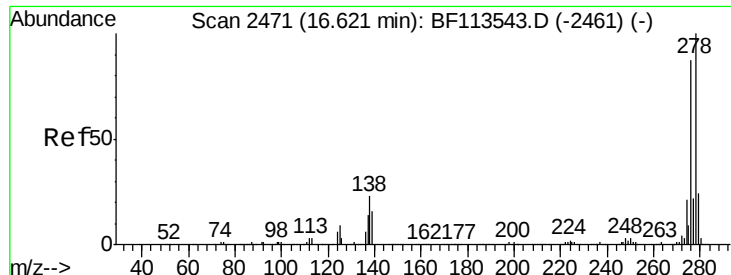
Sohil  
4/15/2019 2:22:42 PM



#90  
Benzo(a)pyrene  
Concen: 30.317 ng  
RT: 15.17 min Scan# 2225  
Delta R.T. -0.02 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.9  | 26.9  |
| 125     | 10.2  | 8.8   | 13.2  |





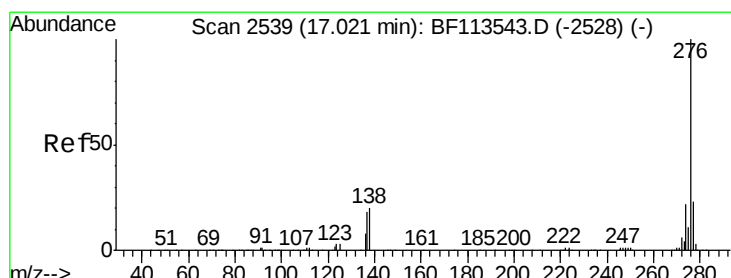
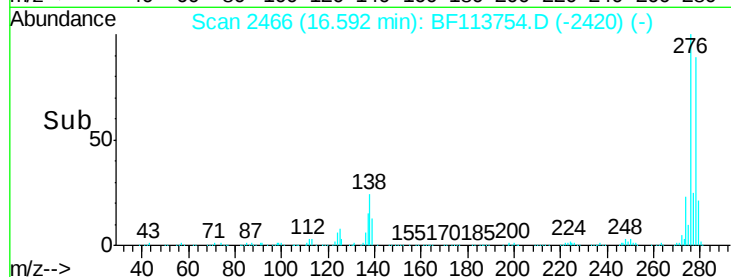
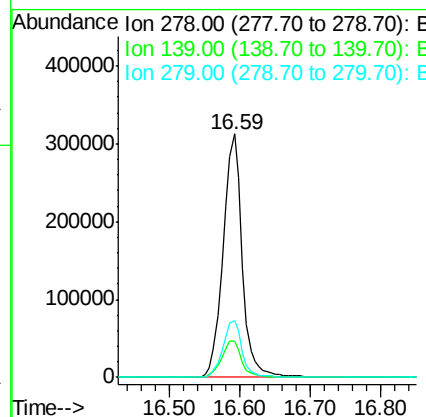
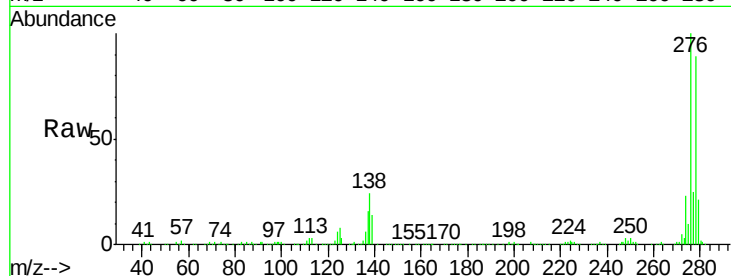
#91  
Dibenzo(a,h)anthracene  
Concen: 34.900 ng  
RT: 16.59 min Scan# 2466  
Delta R.T. -0.03 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

Instrument :  
BNA\_F  
ClientSampleId :  
P-1(0-10)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.1  | 12.0  | 18.0  |
| 279     | 23.2  | 19.0  | 28.6  |

Manual Integrations  
APPROVED

Sohil  
4/15/2019 2:22:42 PM



#92  
Benzo(g,h,i)perylene  
Concen: 35.197 ng  
RT: 16.99 min Scan# 2534  
Delta R.T. -0.03 min  
Lab File: BF113754.D  
Acq: 12 Apr 2019 22:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 18.8  | 28.2  |
| 138     | 20.9  | 15.6  | 23.4  |

