

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\  
 Data File : BF103722.D  
 Acq On : 17 Mar 2018 2:53  
 Operator : JU/SJ  
 Sample : J1915-03MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

Manual Integrations  
 APPROVED

Sohil

3/19/2018 2:03:00 PM

Quant Time: Mar 19 11:30:56 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 15 18:31:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.97  | 152  | 166568   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.26  | 136  | 649461   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.02 | 164  | 264081   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.50 | 188  | 379948   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.16 | 240  | 290718   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 15.70 | 264  | 231590   | 20.00 | ng    | 0.02     |

#### System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 1245494 | 113.73 | ng | 0.02 |
| 7) Phenol-d6             | 6.60  | 99  | 1544293 | 115.26 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.54  | 82  | 953856  | 102.42 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.81 | 330 | 265028  | 116.72 | ng | 0.01 |
| 44) 2-Fluorobiphenyl     | 9.33  | 172 | 1445809 | 87.33  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.09 | 244 | 1040703 | 83.09  | ng | 0.00 |

#### Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.87 | 88  | 169850  | 31.498 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.60 | 42  | 219347  | 40.109 | ng | 87     |
| 6) Aniline                     | 6.67 | 93  | 173218m | 9.054  | ng |        |
| 8) 2-Chlorophenol              | 6.76 | 128 | 456178  | 39.764 | ng | 93     |
| 9) Benzaldehyde                | 6.52 | 77  | 211746  | 24.056 | ng | 98     |
| 10) Phenol                     | 6.62 | 94  | 561724  | 39.455 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.71 | 93  | 464365  | 39.511 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.92 | 146 | 478606  | 36.630 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 6.99 | 146 | 484342  | 36.889 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.15 | 146 | 443951  | 36.439 | ng | 99     |
| 15) Benzyl Alcohol             | 7.11 | 79  | 395280  | 38.077 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.25 | 45  | 623752  | 37.314 | ng | 94     |
| 17) 2-Methylphenol             | 7.22 | 107 | 368517  | 36.072 | ng | 99     |
| 18) Hexachloroethane           | 7.49 | 117 | 142394  | 30.832 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.39 | 70  | 309508  | 36.046 | ng | 92     |
| 20) 3+4-Methylphenols          | 7.37 | 107 | 455976  | 35.170 | ng | 95     |
| 22) Acetophenone               | 7.38 | 105 | 612175  | 36.676 | ng | # 95   |
| 24) Nitrobenzene               | 7.56 | 77  | 480071  | 43.907 | ng | 100    |
| 25) Isophorone                 | 7.79 | 82  | 880708  | 40.850 | ng | 99     |
| 26) 2-Nitrophenol              | 7.87 | 139 | 198309  | 47.736 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 7.90 | 122 | 333748  | 36.136 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93  | 565487  | 43.316 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.11 | 162 | 352611  | 41.963 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.20 | 180 | 370376  | 38.003 | ng | 98     |
| 31) Naphthalene                | 8.28 | 128 | 1229842 | 37.487 | ng | 99     |
| 32) Benzoic acid               | 7.94 | 122 | 9123m   | 11.016 | ng |        |
| 33) 4-Chloroaniline            | 8.33 | 127 | 163478  | 11.877 | ng | 96     |
| 34) Hexachlorobutadiene        | 8.39 | 225 | 200182  | 37.463 | ng | 97     |
| 35) Caprolactam                | 8.69 | 113 | 16512m  | 5.707  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.79 | 107 | 367866  | 39.712 | ng | 96     |
| 37) 2-Methylnaphthalene        | 8.97 | 142 | 786944  | 37.825 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216 | 324030  | 43.009 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.12 | 237 | 50938   | 13.103 | ng | 96     |
| 42) 2,4,6-Trichlorophenol      | 9.24 | 196 | 219862  | 45.625 | ng | 99     |

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Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

Manual Integrations  
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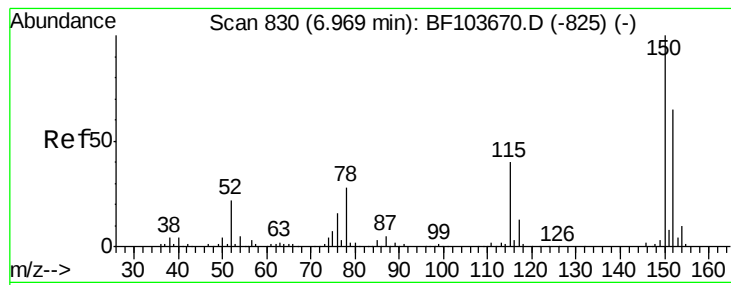
3/19/2018 2:03:00 PM

Quant Time: Mar 19 11:30:56 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 15 18:31:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.28  | 196  | 232447   | 42.737 | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.43  | 154  | 893571   | 40.579 | nq    | 100      |
| 46) 2-Chloronaphthalene        | 9.46  | 162  | 703560   | 40.226 | nq    | 98       |
| 47) 2-Nitroaniline             | 9.55  | 65   | 231861   | 50.296 | nq    | 96       |
| 48) Acenaphthylene             | 9.88  | 152  | 1015621  | 37.447 | nq    | 99       |
| 49) Dimethylphthalate          | 9.73  | 163  | 988435   | 49.059 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.79  | 165  | 167052   | 43.287 | nq    | 95       |
| 51) Acenaphthene               | 10.05 | 154  | 601573   | 37.356 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.96  | 138  | 153611   | 34.086 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 10.06 | 184  | 2982     | 11.787 | nq    | # 1      |
| 54) Dibenzofuran               | 10.22 | 168  | 895937   | 38.954 | nq    | 99       |
| 55) 4-Nitrophenol              | 10.12 | 139  | 256785   | 70.258 | nq    | 99       |
| 56) 2,4-Dinitrotoluene         | 10.20 | 165  | 198100   | 41.139 | nq    | 97       |
| 57) Fluorene                   | 10.56 | 166  | 661757   | 37.079 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 163972   | 42.546 | nq    | 97       |
| 59) Diethylphthalate           | 10.43 | 149  | 805113   | 40.261 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.55 | 204  | 325309   | 39.883 | nq    | 99       |
| 61) 4-Nitroaniline             | 10.58 | 138  | 161298   | 36.825 | nq    | 100      |
| 62) Azobenzene                 | 10.72 | 77   | 742417   | 36.517 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.60 | 198  | 6912     | 13.375 | nq    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.67 | 169  | 584021   | 45.158 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.05 | 248  | 180960   | 46.387 | nq    | 95       |
| 67) Hexachlorobenzene          | 11.12 | 284  | 184144   | 41.358 | nq    | # 90     |
| 68) Atrazine                   | 11.20 | 200  | 174573   | 43.636 | nq    | 99       |
| 69) Pentachlorophenol          | 11.30 | 266  | 170679   | 66.677 | nq    | 97       |
| 70) Phenanthrene               | 11.53 | 178  | 835462   | 40.197 | nq    | 99       |
| 71) Anthracene                 | 11.59 | 178  | 854001   | 40.456 | nq    | 99       |
| 72) Carbazole                  | 11.74 | 167  | 761318   | 37.106 | nq    | 99       |
| 73) Di-n-butylphthalate        | 12.06 | 149  | 1086792  | 44.145 | nq    | 100      |
| 74) Fluoranthene               | 12.73 | 202  | 817895   | 38.197 | nq    | 97       |
| 77) Pyrene                     | 12.96 | 202  | 830957   | 38.920 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.56 | 149  | 419806   | 44.380 | nq    | 95       |
| 80) Benzo(a)anthracene         | 14.15 | 228  | 763831   | 41.507 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 67861    | 11.024 | nq    | 96       |
| 82) Chrysene                   | 14.19 | 228  | 703428   | 40.099 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.12 | 149  | 621381   | 45.983 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 14.75 | 149  | 968122   | 49.245 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.28 | 276  | 532011   | 34.728 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 15.24 | 252  | 641479   | 43.843 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.27 | 252  | 620171   | 44.094 | nq    | 99       |
| 89) Benzo(a)pyrene             | 15.64 | 252  | 562526   | 42.389 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.30 | 278  | 447120   | 38.910 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 17.76 | 276  | 435253   | 38.935 | nq    | 97       |

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





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.97 min Scan# 831  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

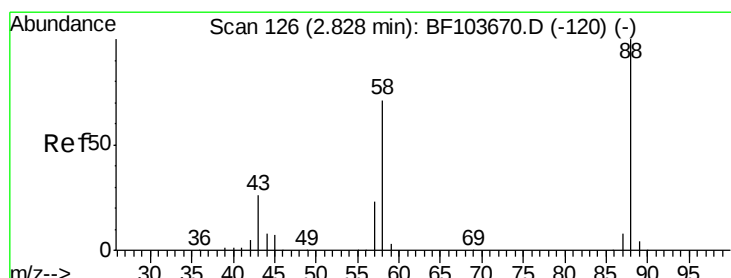
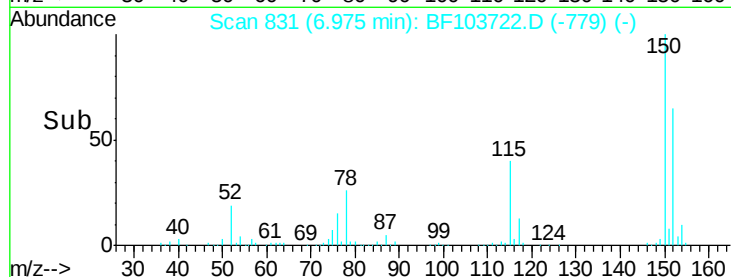
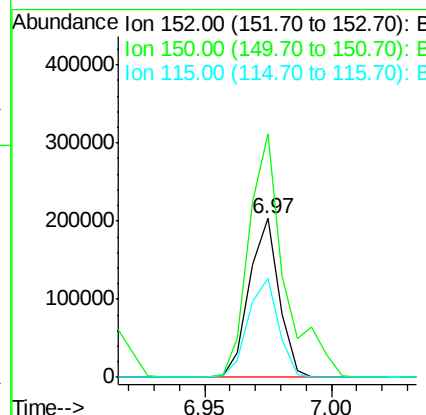
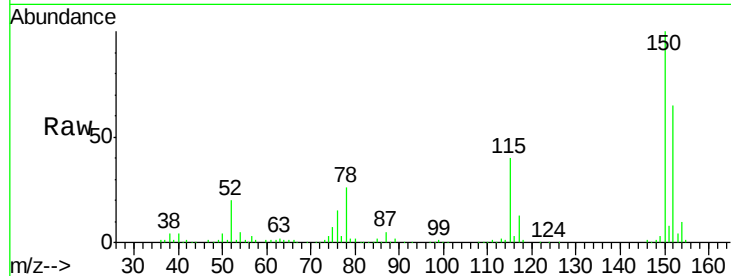
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.3 | 124.6 | 186.8 |
| 115     | 62.0  | 50.1  | 75.1  |

Manual Integrations  
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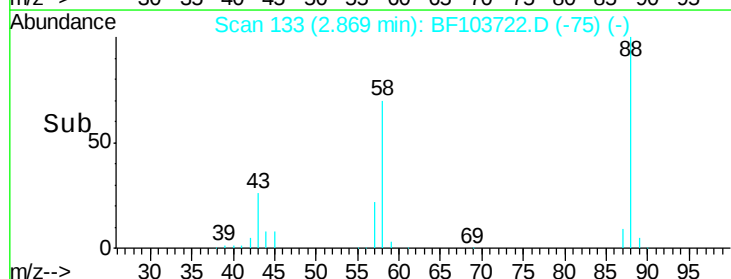
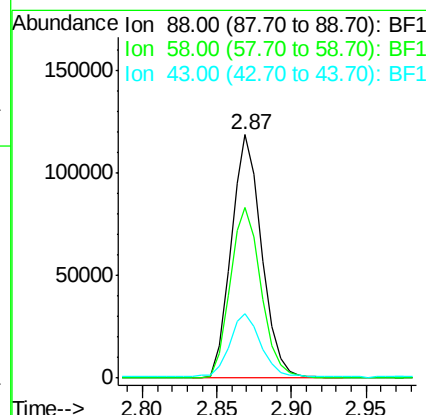
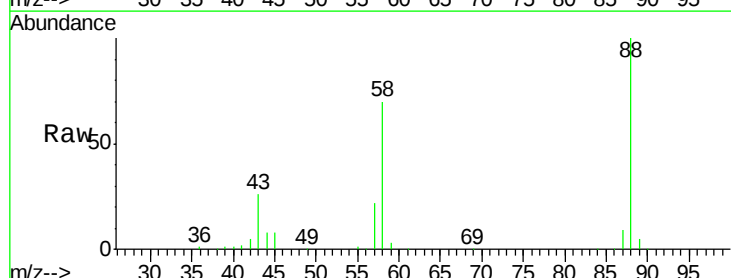
Sohil

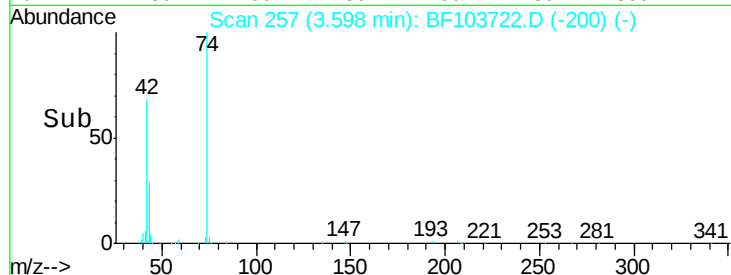
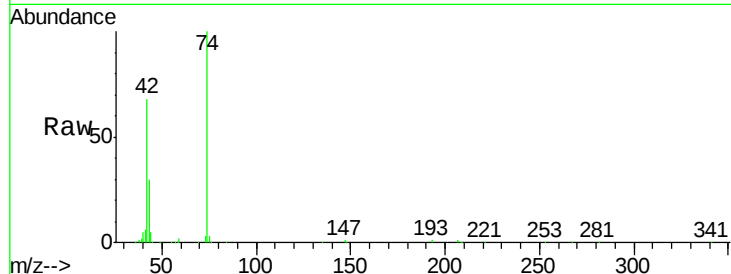
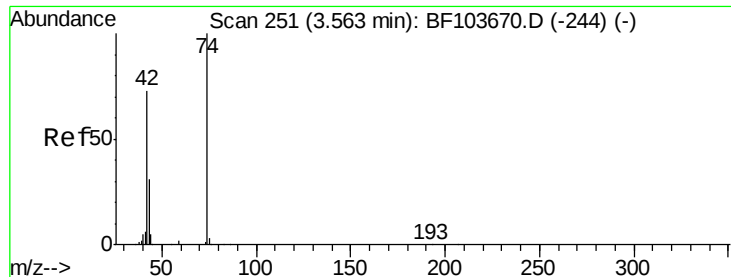
3/19/2018 2:03:00 PM



#2  
 1,4-Dioxane  
 Concen: 31.498 ng  
 RT: 2.87 min Scan# 133  
 Delta R.T. 0.04 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 71.5  | 62.6  | 93.8  |
| 43      | 27.2  | 24.6  | 37.0  |





#4  
n-Nitrosodimethylamine  
Concen: 40.109 ng  
RT: 3.60 min Scan# 257  
Delta R.T. 0.04 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

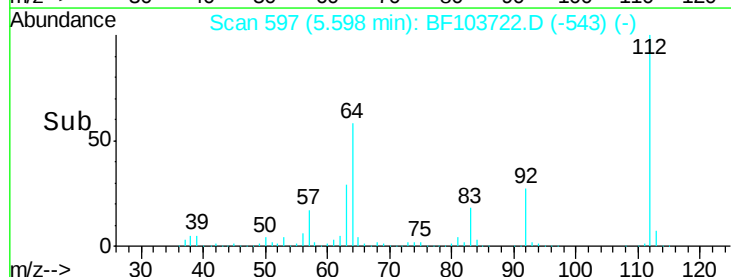
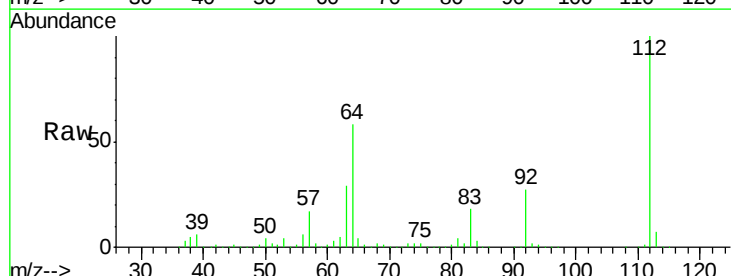
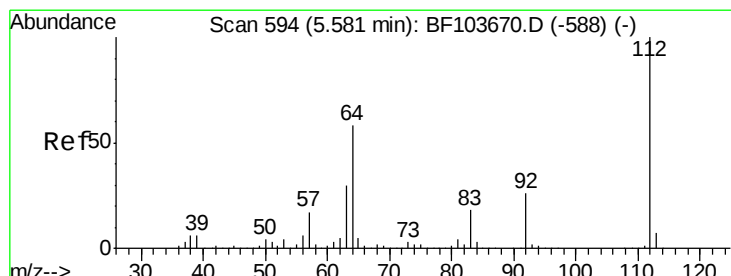
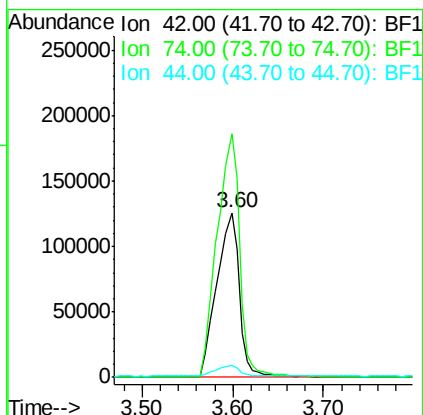
| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 42      | 100   |       | 219347 |       |       |
| 74      | 147.7 | 104.9 | 157.3  |       |       |
| 44      | 7.3   | 6.9   | 10.3   |       |       |

Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

Manual Integrations  
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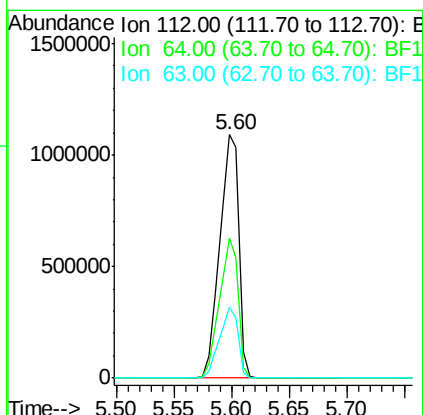
Sohil

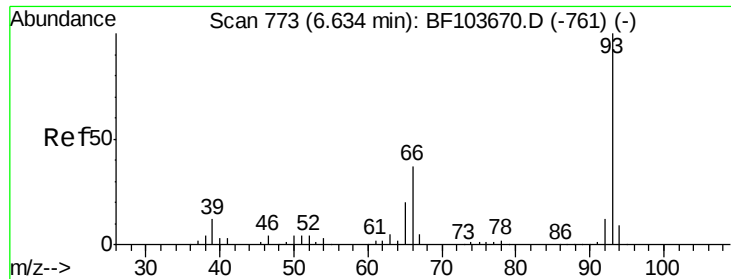
3/19/2018 2:03:00 PM



#5  
2-Fluorophenol  
Concen: 113.731 ng  
RT: 5.60 min Scan# 597  
Delta R.T. 0.02 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 112     | 100  |       | 1245494 |       |       |
| 64      | 57.6 | 47.9  | 71.9    |       |       |
| 63      | 29.0 | 23.7  | 35.5    |       |       |





#6

Aniline

Concen: 9.054 ng/mL  
 RT: 6.67 min Scan# 779  
 Delta R.T. 0.04 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

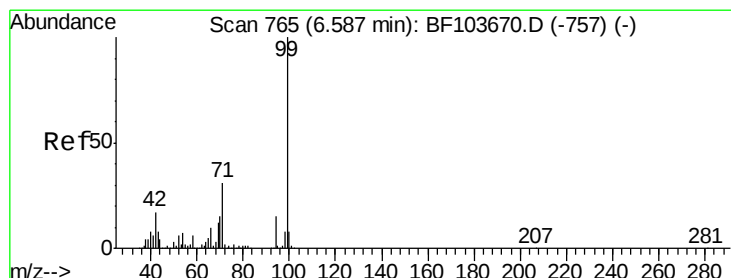
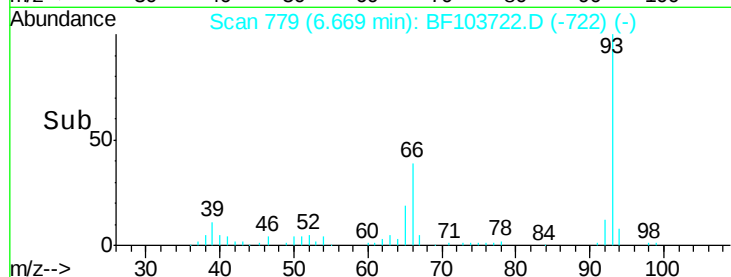
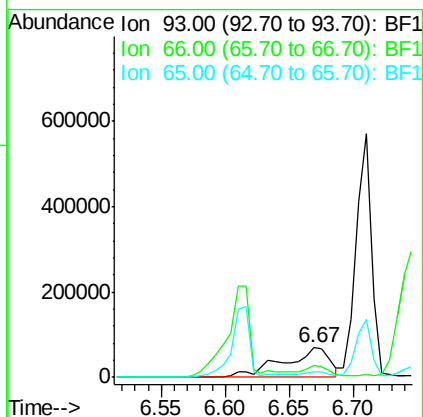
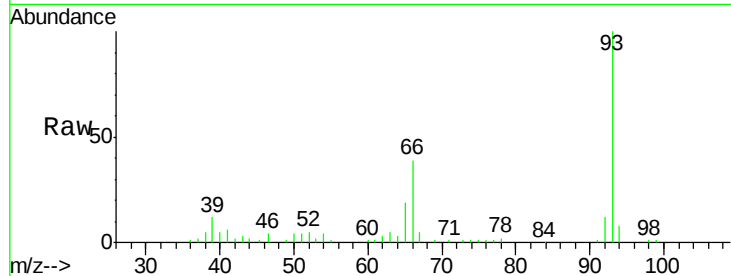
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 173218 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.8  | 32.2  | 48.2   |
| 65        | 19.3  | 16.4  | 24.6   |

Manual Integrations  
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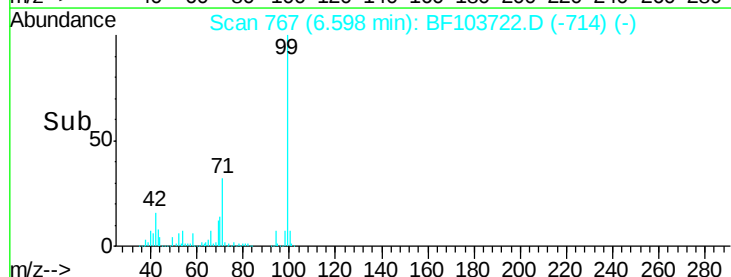
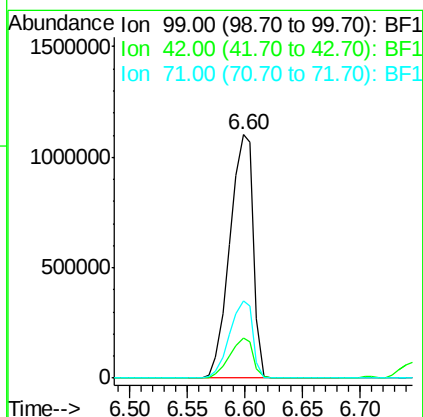
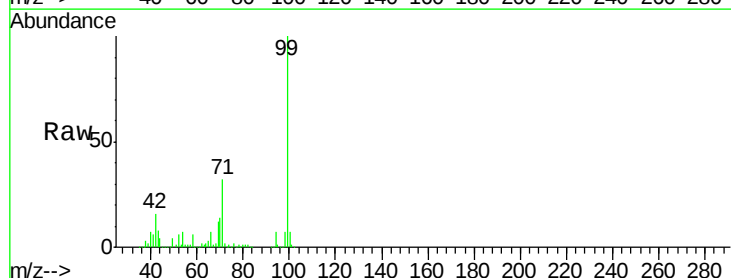


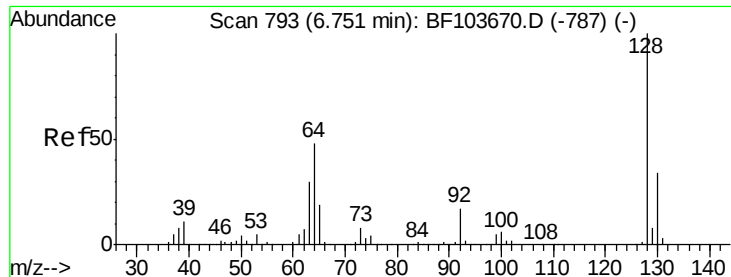
#7

Phenol-d6

Concen: 115.262 ng/mL  
 RT: 6.60 min Scan# 767  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 99    | Resp: | 1544293 |
| Ion Ratio | Lower | Upper |         |
| 99        | 100   |       |         |
| 42        | 16.3  | 14.5  | 21.7    |
| 71        | 32.0  | 25.4  | 38.0    |





#8

2-Chlorophenol

Concen: 39.764 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

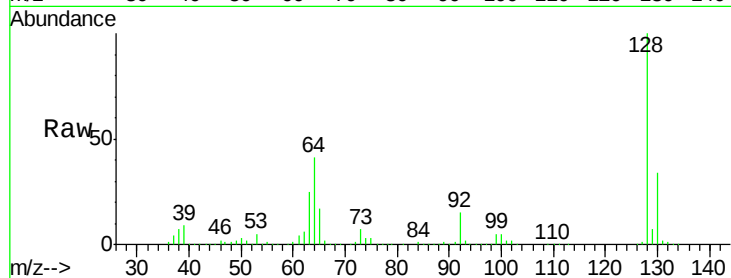
P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 456178 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.8  | 13.0  | 53.0   |
| 64        | 41.5  | 29.4  | 69.4   |

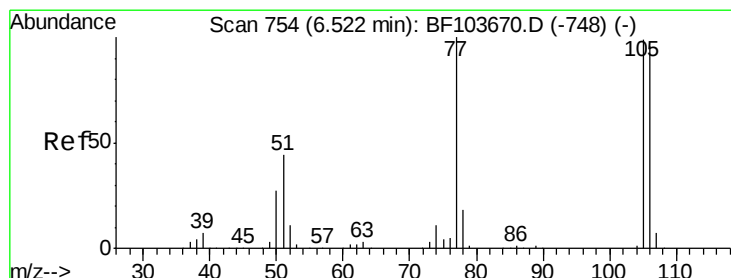
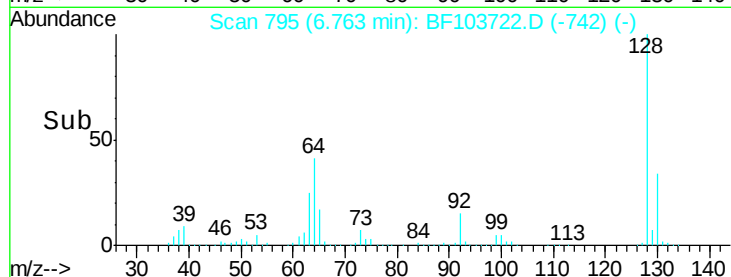
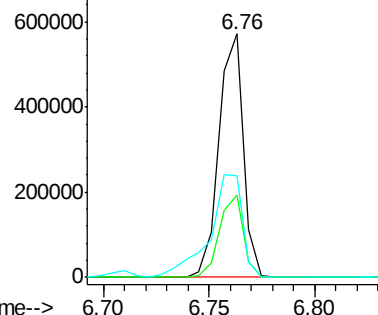
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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 24.056 ng

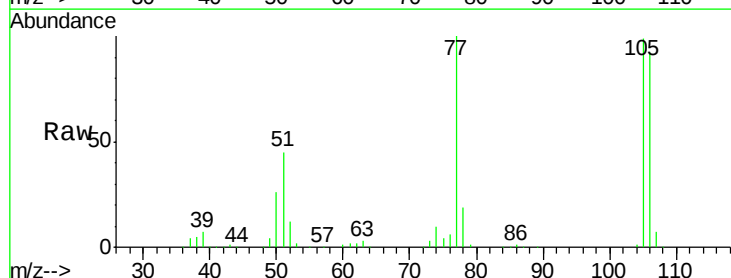
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

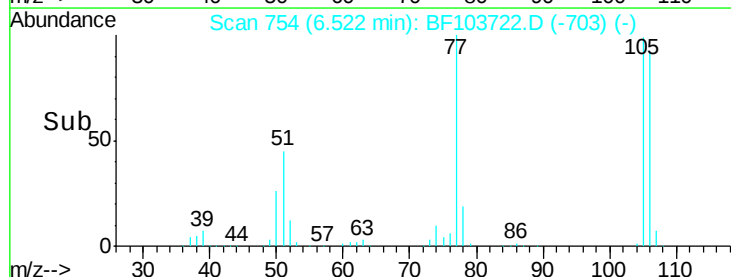
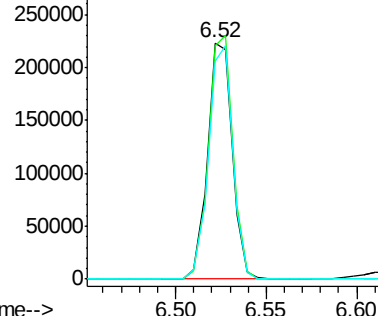
Lab File: BF103722.D

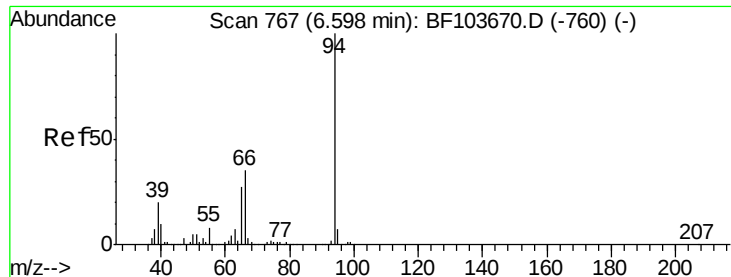
Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 211746 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 98.7  | 81.1  | 121.1  |
| 106       | 92.3  | 74.5  | 114.5  |



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.455 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

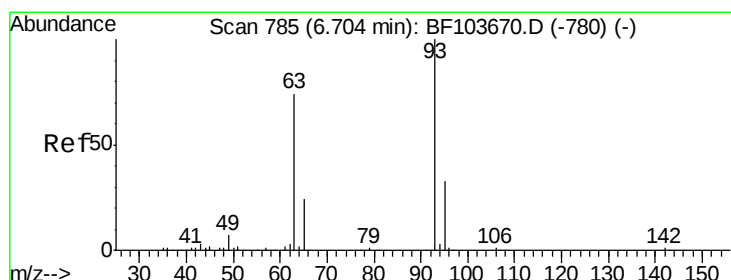
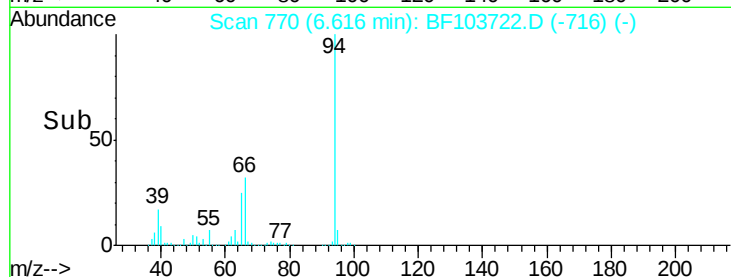
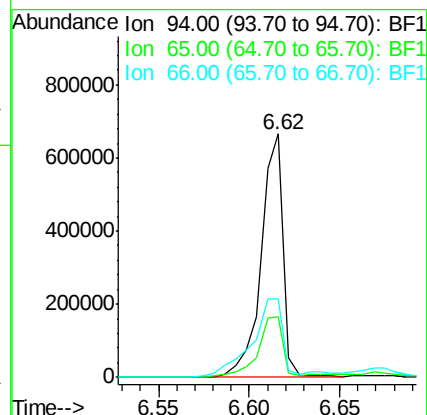
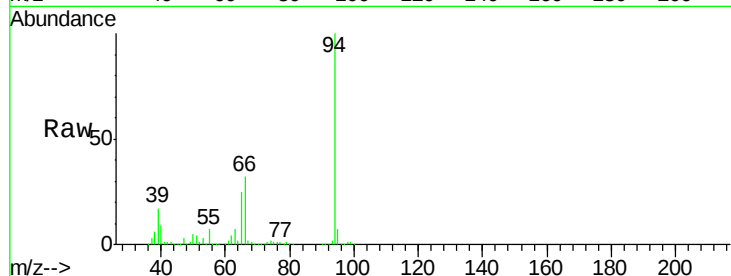
P002-S001-0001-01MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 94    | Resp: | 561724 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 24.7  | 7.9   | 47.9   |
| 66       | 32.2  | 16.2  | 56.2   |

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#11

bis(2-Chloroethyl)ether

Concen: 39.511 ng

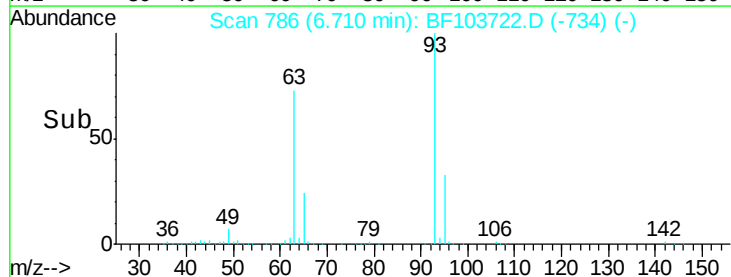
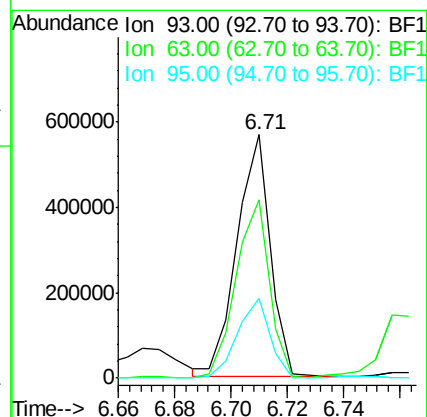
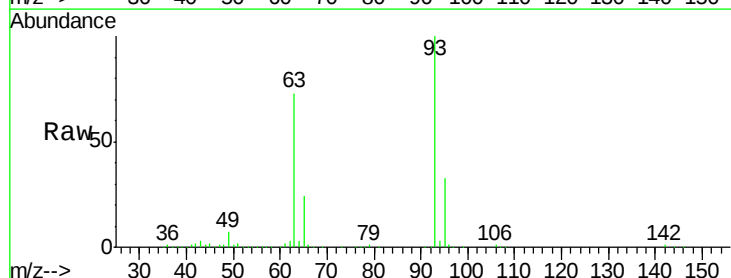
RT: 6.71 min Scan# 786

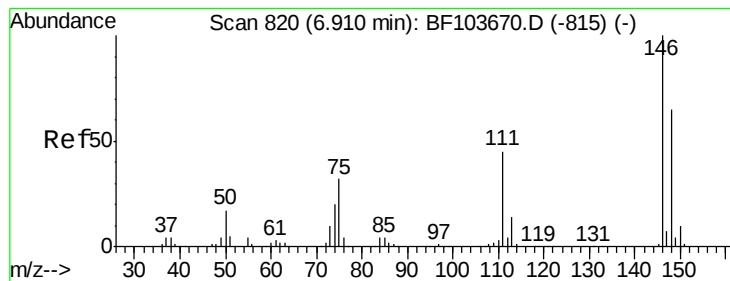
Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 464365 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 73.2  | 58.6  | 98.6   |
| 95       | 32.7  | 11.8  | 51.8   |





#12

1,3-Dichlorobenzene

Concen: 36.630 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

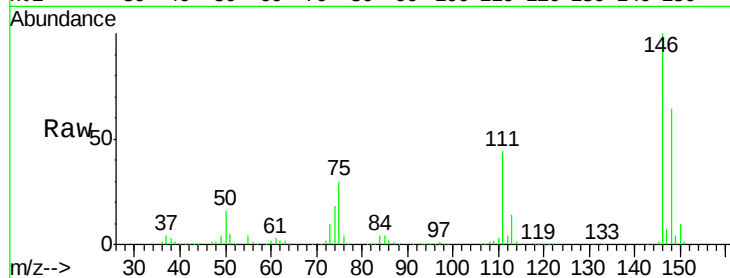
P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 478606 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 51.8  | 77.8   |
| 75        | 30.3  | 24.2  | 36.4   |

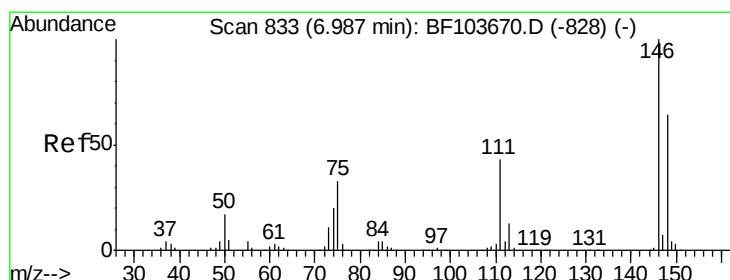
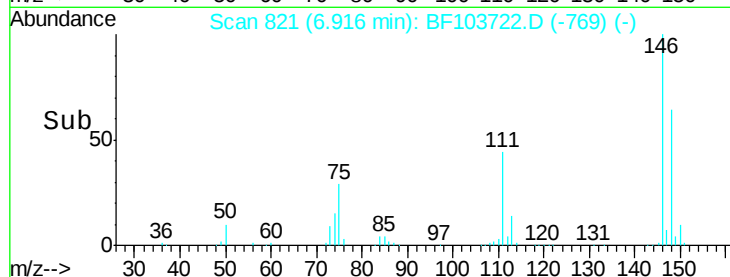
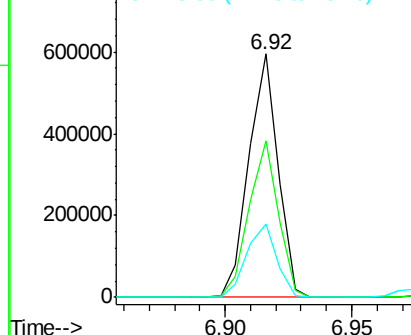
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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 36.889 ng

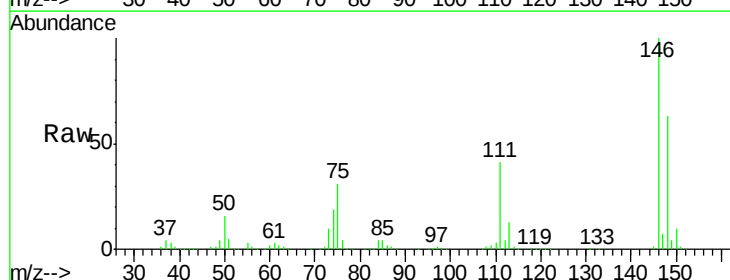
RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

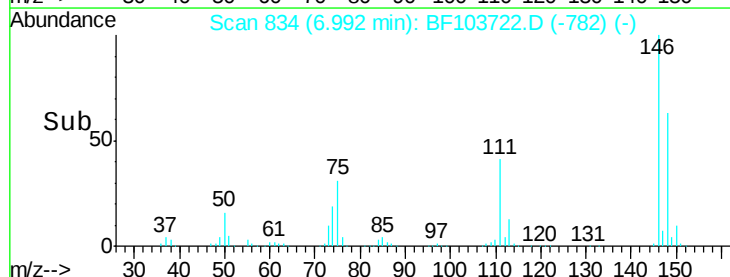
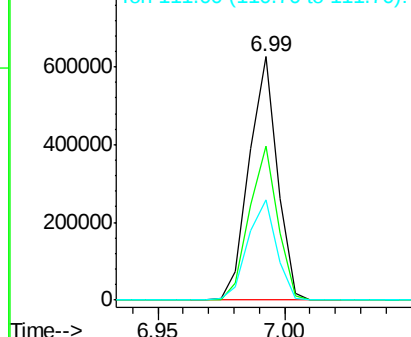
Lab File: BF103722.D

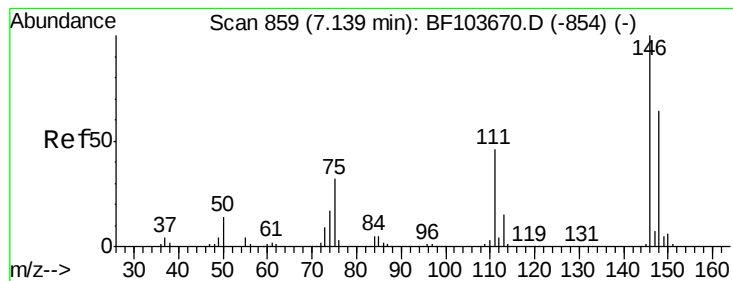
Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 484342 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 50.8  | 76.2   |
| 111       | 41.3  | 34.2  | 51.2   |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#14  
 1,2-Dichlorobenzene  
 Concen: 36.439 ng  
 RT: 7.15 min Scan# 860  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

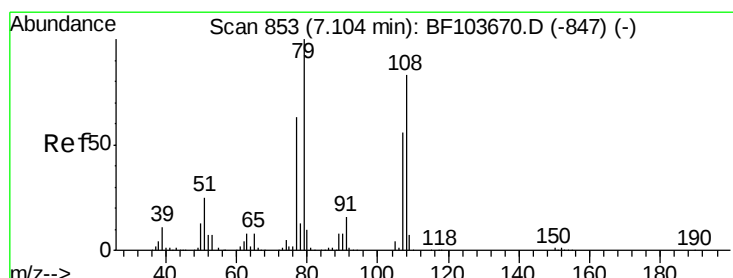
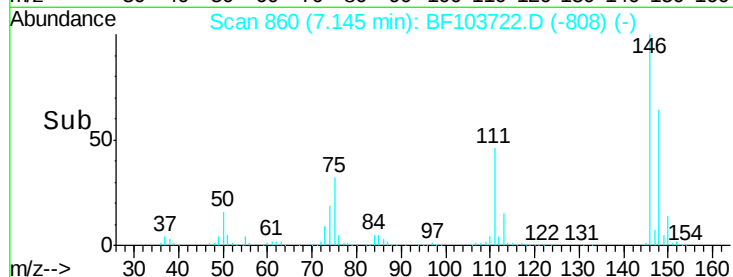
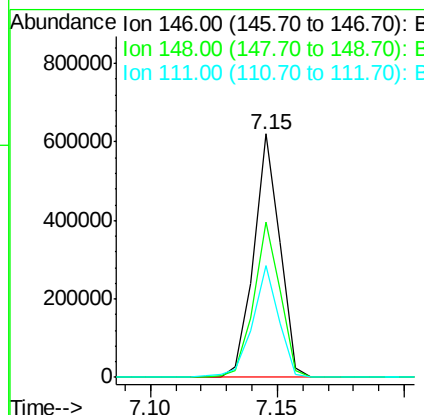
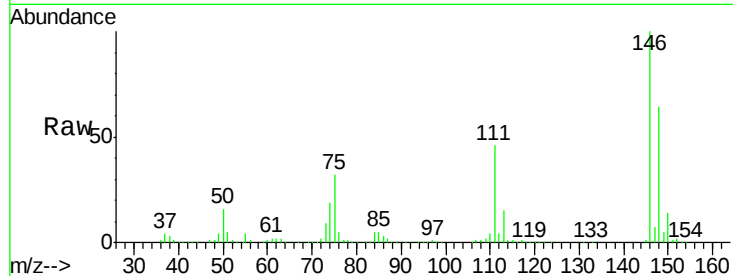
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.6  | 75.8  |
| 111     | 46.0  | 36.0  | 54.0  |

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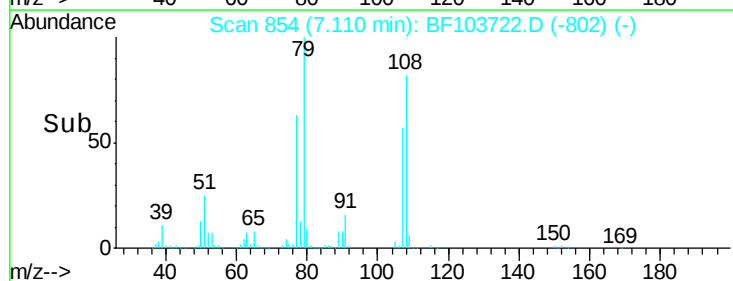
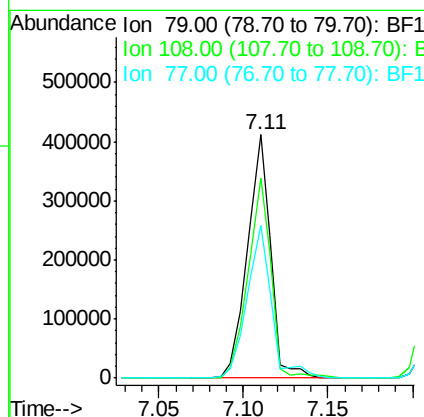
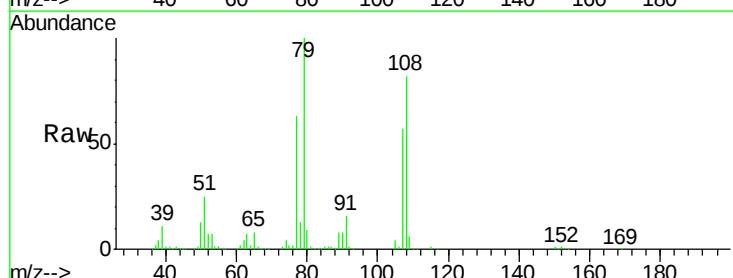
Sohil

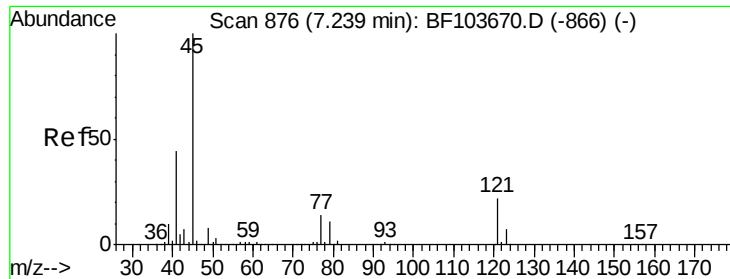
3/19/2018 2:03:00 PM



#15  
 Benzyl Alcohol  
 Concen: 38.077 ng  
 RT: 7.11 min Scan# 854  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 82.3  | 65.1  | 97.7  |
| 77      | 62.9  | 50.6  | 75.8  |





#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 37.314 ng  
RT: 7.25 min Scan# 877  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

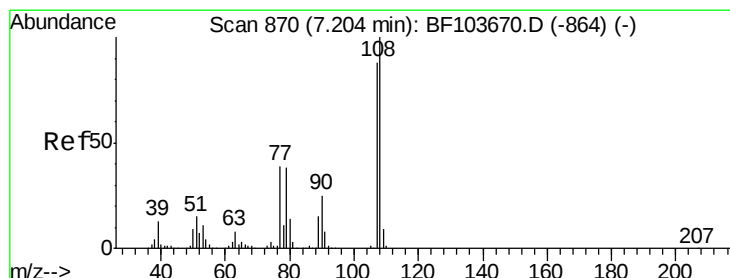
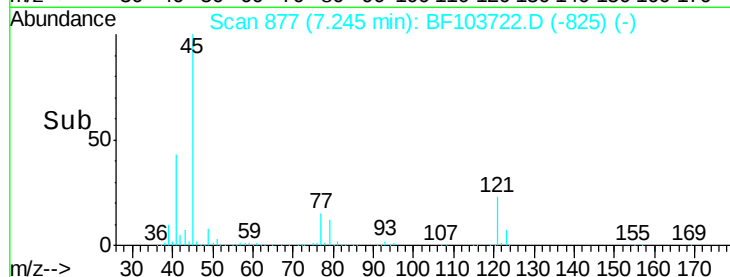
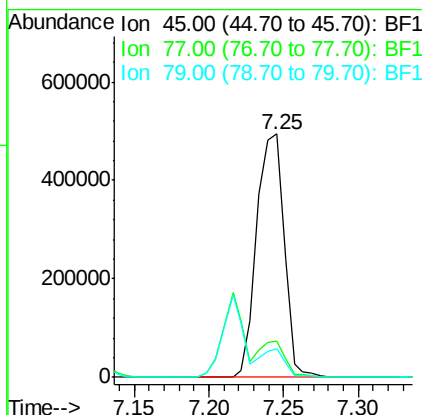
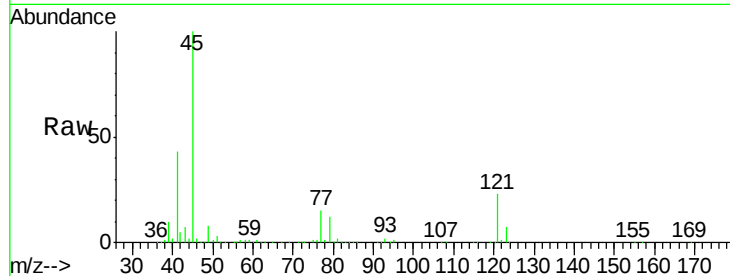
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.1  | 0.0   | 32.9  |
| 79      | 11.7  | 0.0   | 29.6  |

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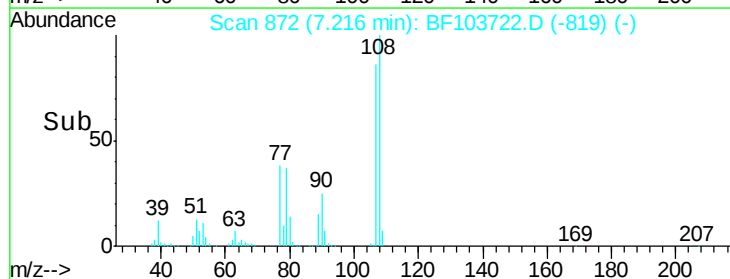
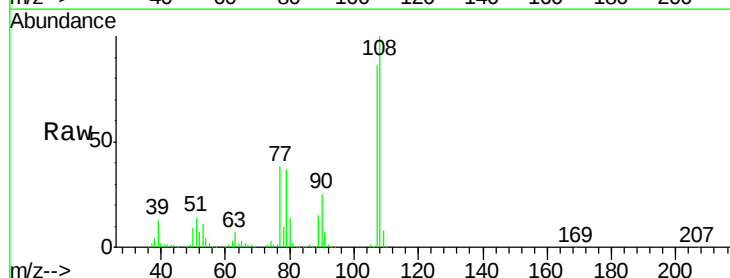
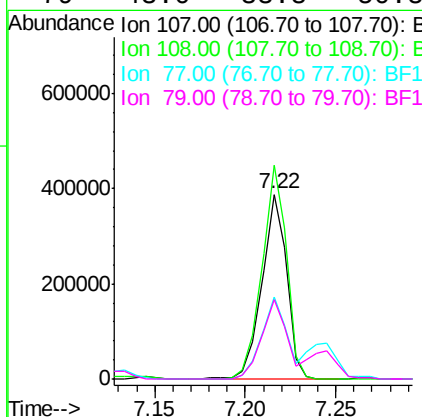
Sohil

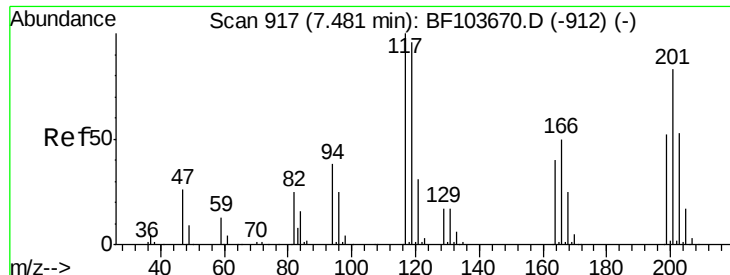
3/19/2018 2:03:00 PM



#17  
2-Methylphenol  
Concen: 36.072 ng  
RT: 7.22 min Scan# 872  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 115.8 | 91.7  | 137.5 |
| 77      | 44.2  | 33.8  | 50.8  |
| 79      | 43.0  | 33.8  | 50.8  |





#18  
Hexachloroethane  
Concen: 30.832 ng  
RT: 7.49 min Scan# 918  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

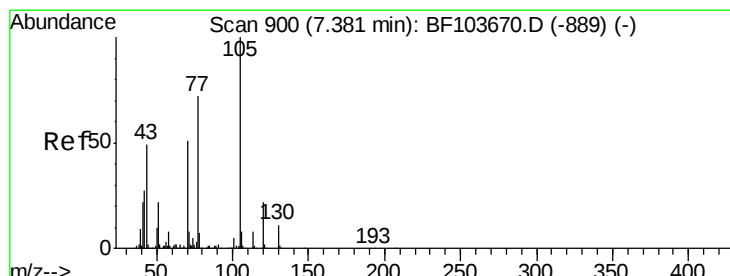
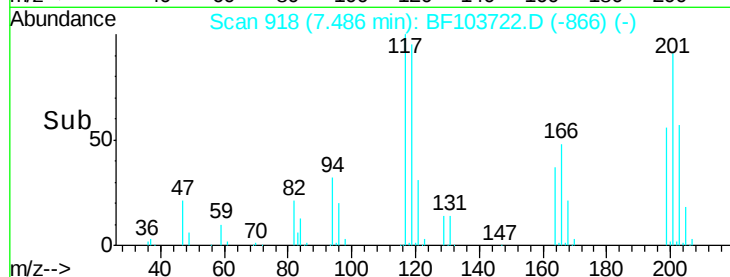
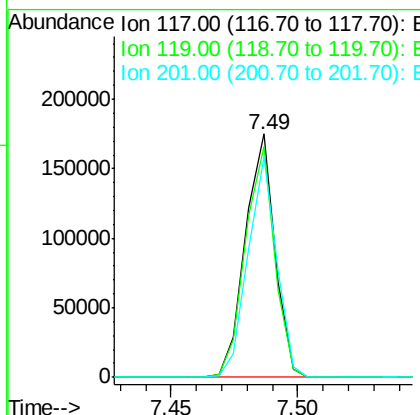
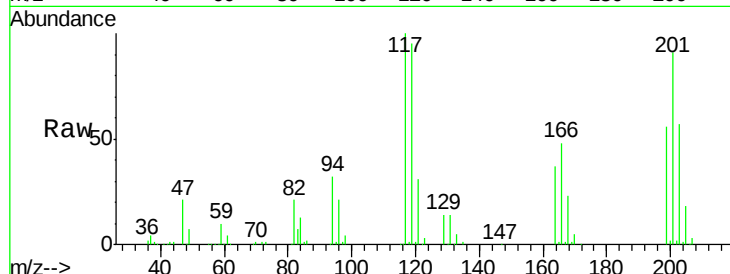
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 142394 |       |       |
| 119     | 94.7  | 75.8   | 113.8 |       |
| 201     | 90.8  | 75.7   | 113.5 |       |

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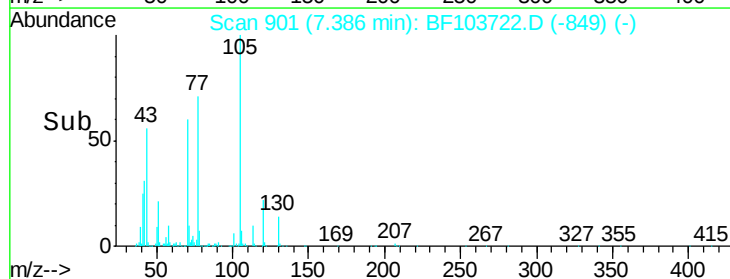
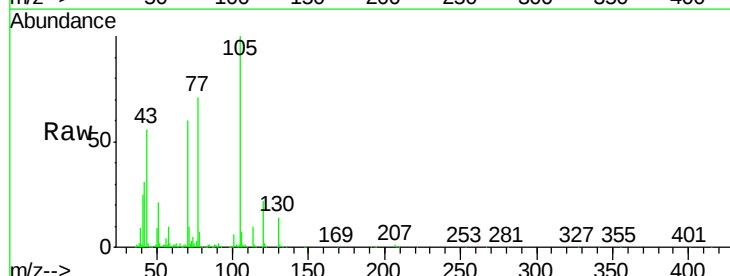
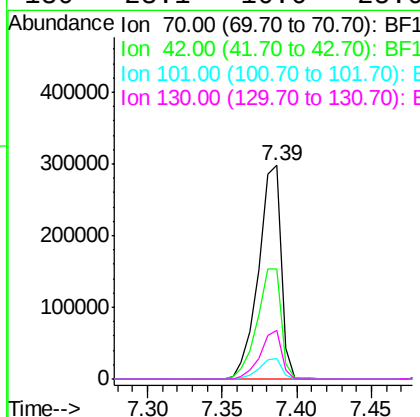
Sohil

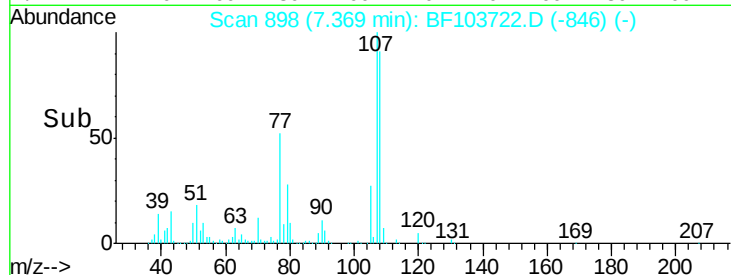
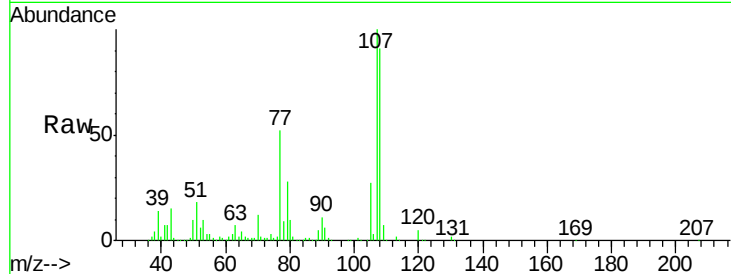
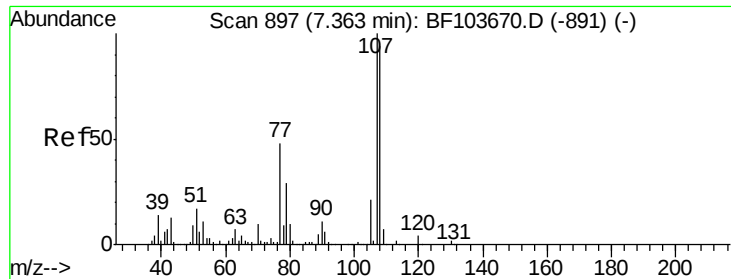
3/19/2018 2:03:00 PM



#19  
n-Nitroso-di-n-propylamine  
Concen: 36.046 ng  
RT: 7.39 min Scan# 901  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 309508 |       |       |
| 42      | 51.3  | 47.5   | 71.3  |       |
| 101     | 9.7   | 7.4    | 11.2  |       |
| 130     | 23.1  | 16.6   | 25.0  |       |





#20  
3+4-Methylphenols  
Concen: 35.170 ng  
RT: 7.37 min Scan# 898  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

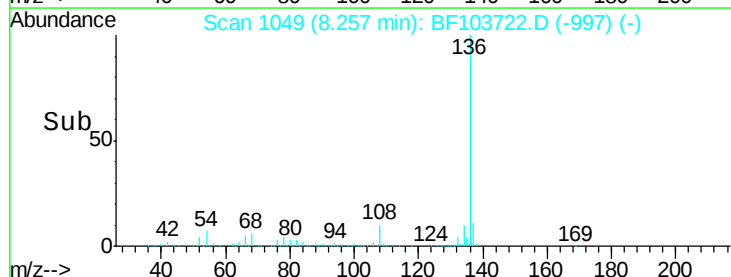
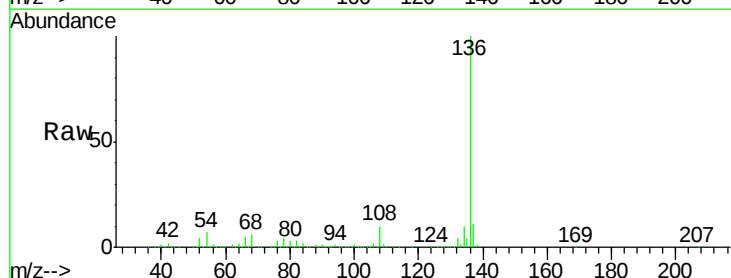
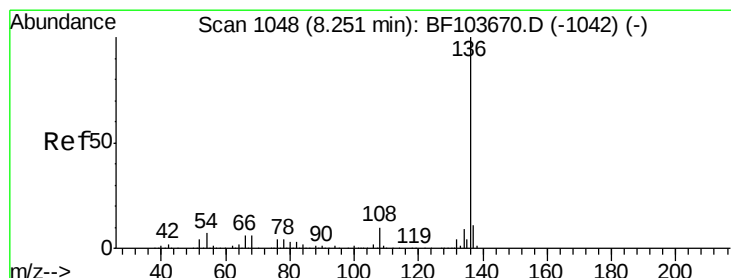
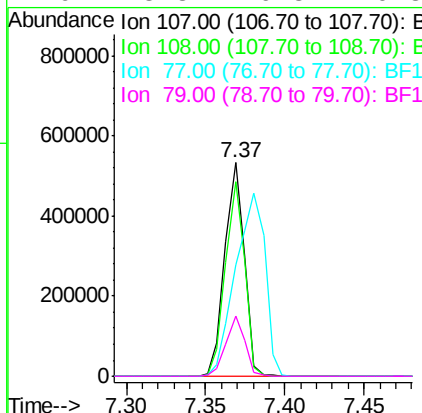
| Tot Ion   | 107   | Resp: | 455976 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 91.2  | 68.2  | 108.2  |
| 77        | 52.1  | 26.7  | 66.7   |
| 79        | 28.3  | 6.3   | 46.3   |

Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

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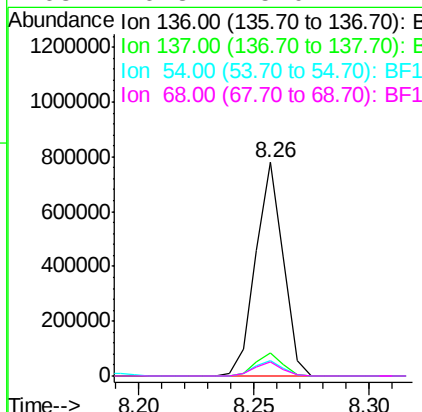
Sohil

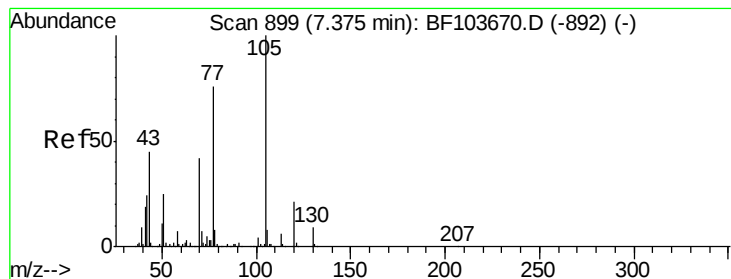
3/19/2018 2:03:00 PM



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.26 min Scan# 1049  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion   | 136   | Resp: | 649461 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.9   | 13.3   |
| 54        | 7.3   | 6.6   | 9.8    |
| 68        | 6.3   | 5.0   | 7.4    |





#22

Acetophenone

Concen: 36.676 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103722.D

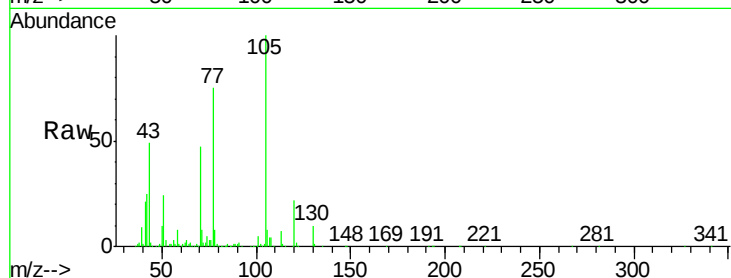
Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

P002-S001-0001-01MSD

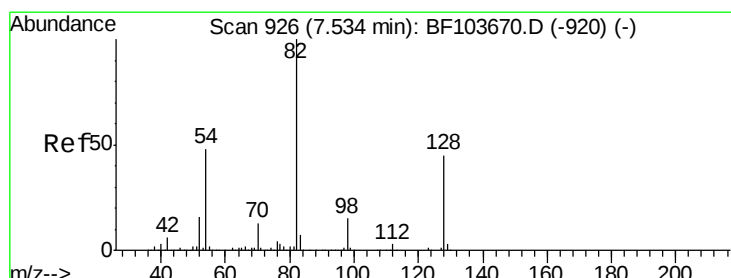
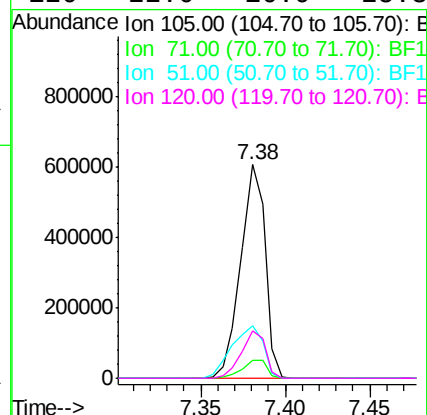


| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 8.1   | 4.4  | 6.6#  |       |
| 51      | 24.4  | 22.3 | 33.5  |       |
| 120     | 22.0  | 16.9 | 25.3  |       |

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#23

Nitrobenzene-d5

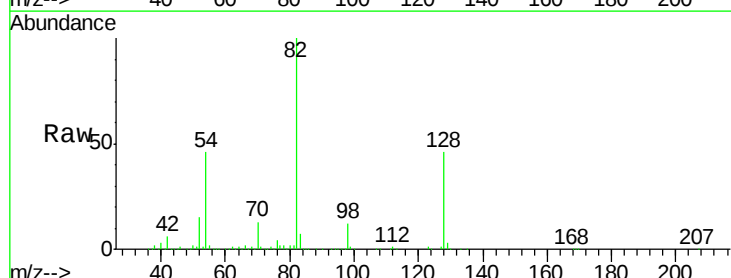
Concen: 102.420 ng

RT: 7.54 min Scan# 927

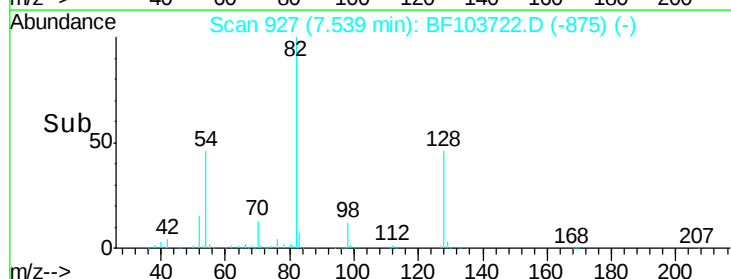
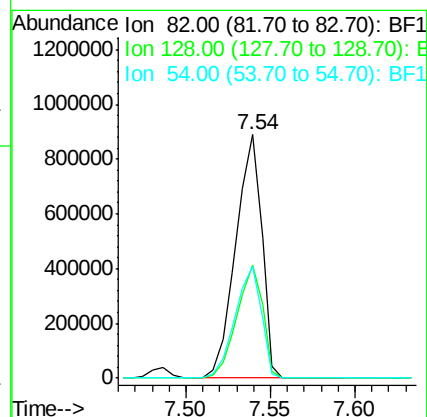
Delta R.T. 0.01 min

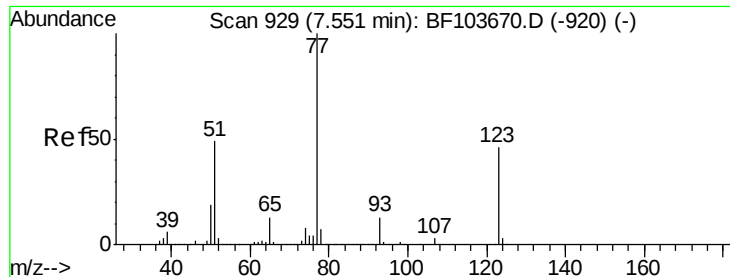
Lab File: BF103722.D

Acq: 17 Mar 2018 2:53



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 46.3  | 36.1 | 54.1  |       |
| 54      | 46.1  | 41.4 | 62.2  |       |





#24  
 Nitrobenzene  
 Concen: 43.907 ng  
 RT: 7.56 min Scan# 930  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

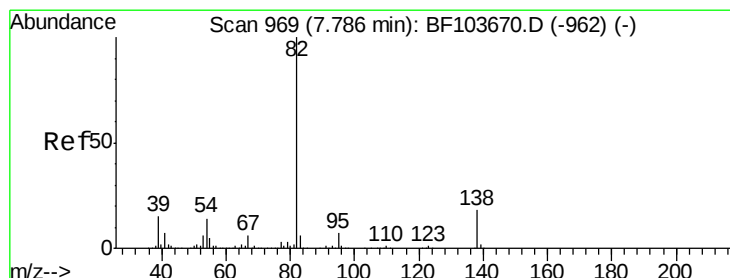
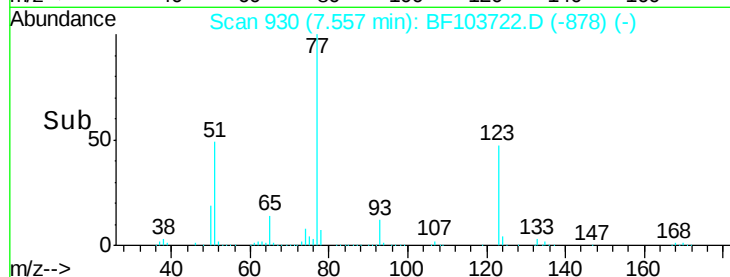
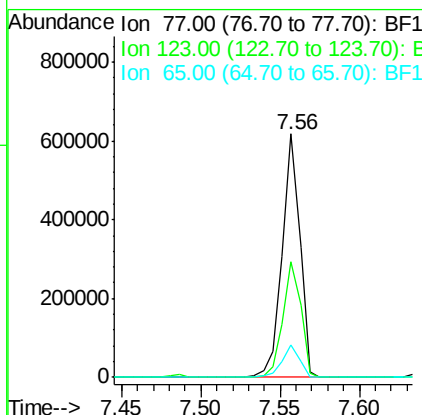
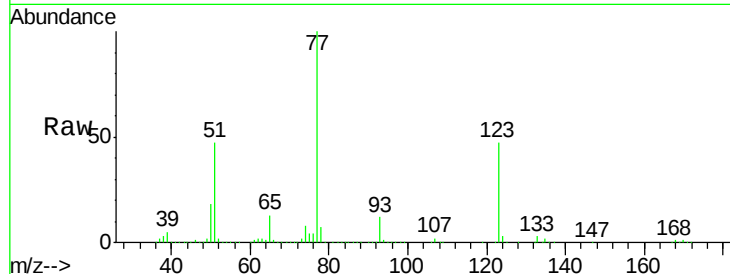
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 480071 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 47.3  | 37.9  | 56.9   |
| 65        | 13.4  | 11.0  | 16.4   |

Manual Integrations  
 APPROVED

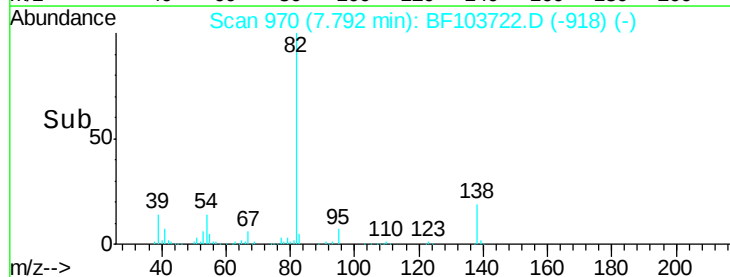
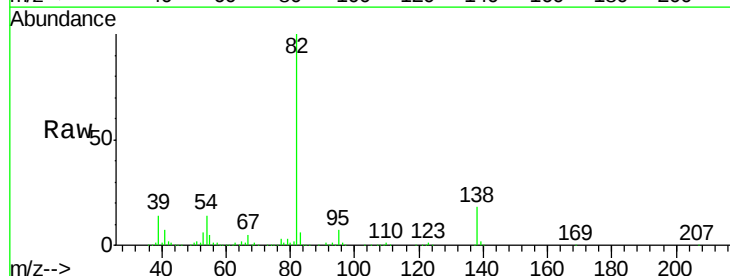
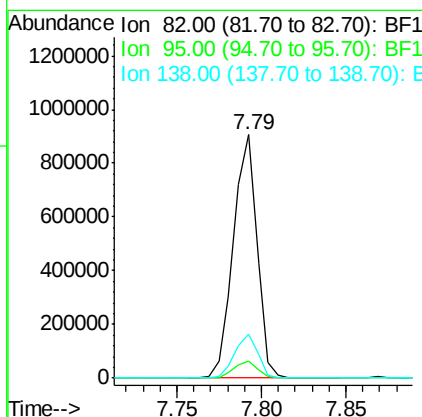
Sohil

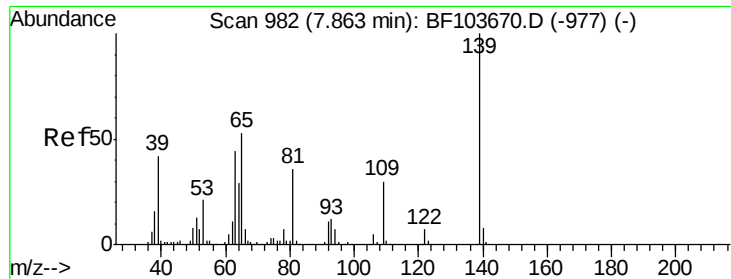
3/19/2018 2:03:00 PM



#25  
 Isophorone  
 Concen: 40.850 ng  
 RT: 7.79 min Scan# 970  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 880708 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.9   | 5.2   | 7.8    |
| 138       | 18.2  | 14.9  | 22.3   |





#26  
2-Nitrophenol  
Concen: 47.736 ng  
RT: 7.87 min Scan# 983  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

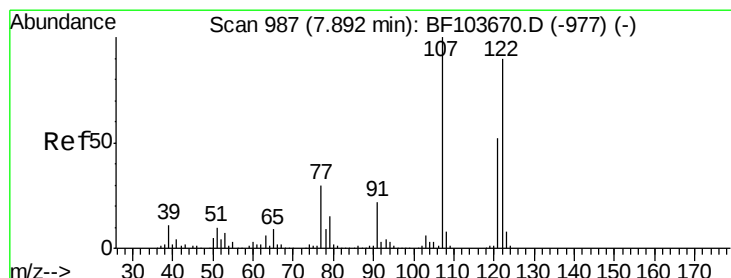
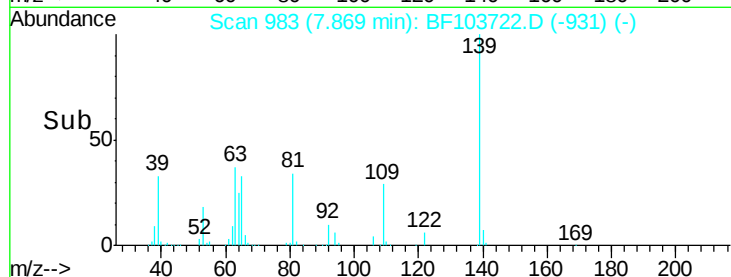
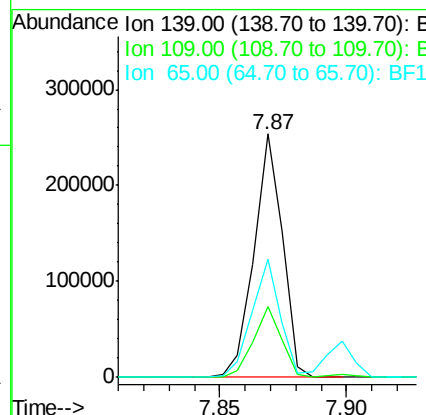
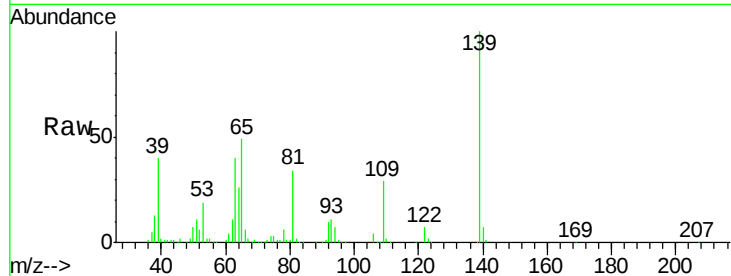
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 28.9  | 22.7 | 34.1  |       |
| 65      | 48.8  | 40.5 | 60.7  |       |

Manual Integrations  
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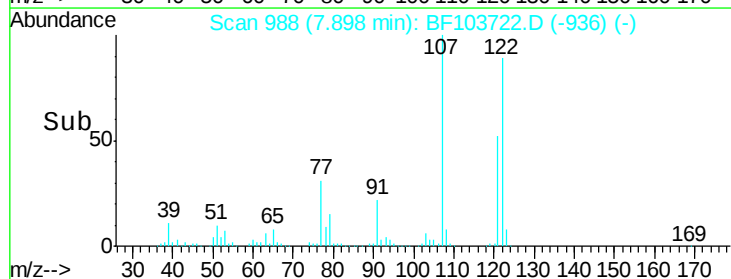
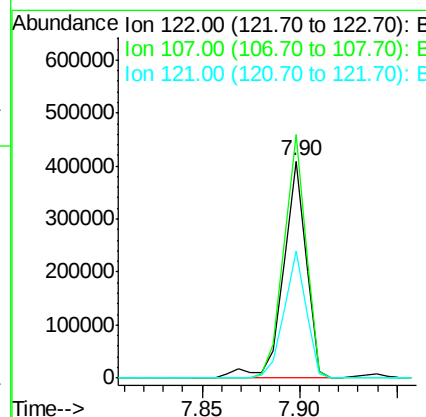
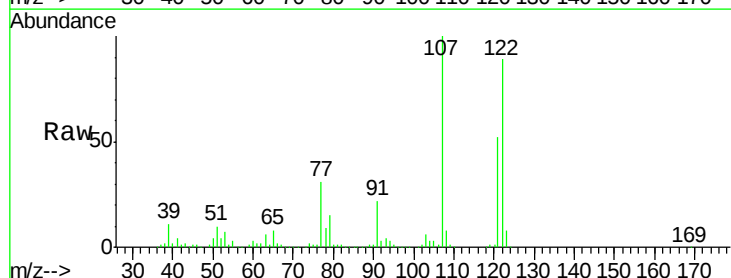
Sohil

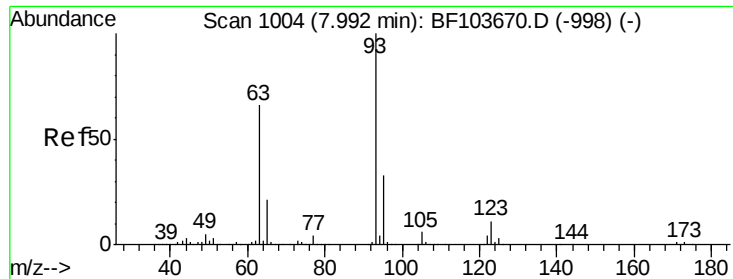
3/19/2018 2:03:00 PM



#27  
2,4-Dimethylphenol  
Concen: 36.136 ng  
RT: 7.90 min Scan# 988  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 112.1 | 91.2 | 136.8 |       |
| 121     | 58.5  | 47.2 | 70.8  |       |





#28  
bis(2-Chloroethoxy)methane  
Concen: 43.316 ng  
RT: 8.00 min Scan# 1005  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

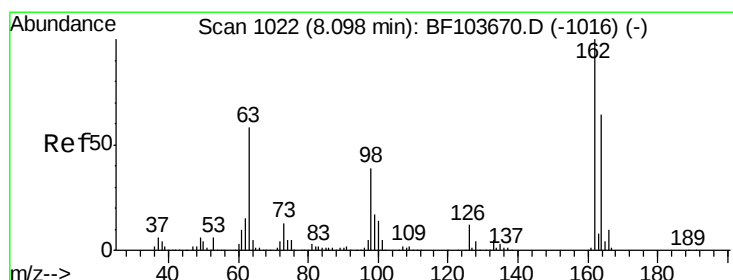
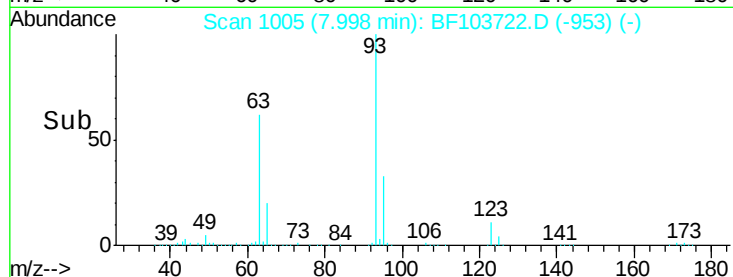
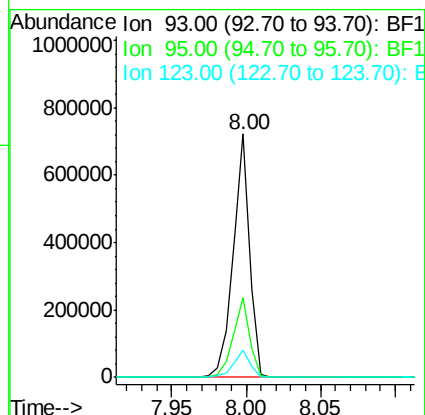
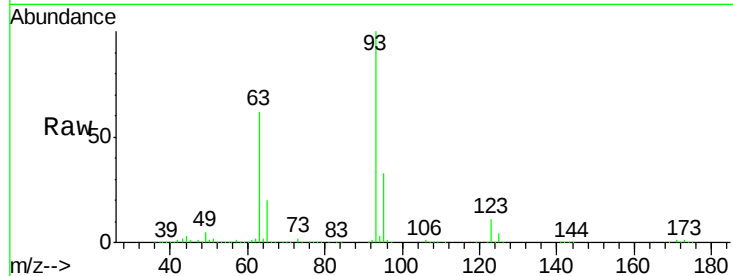
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 32.8  | 26.3 | 39.5  |       |
| 123     | 11.1  | 9.8  | 14.6  |       |

Manual Integrations  
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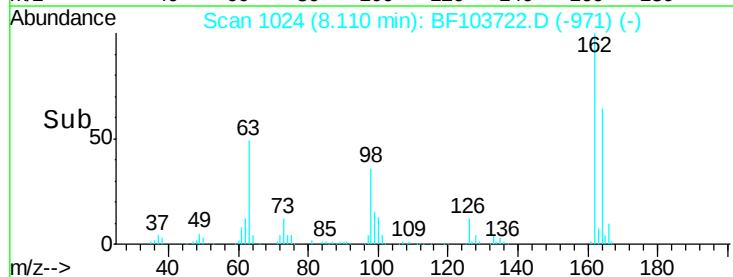
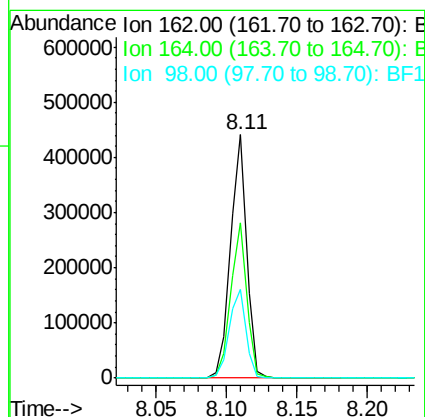
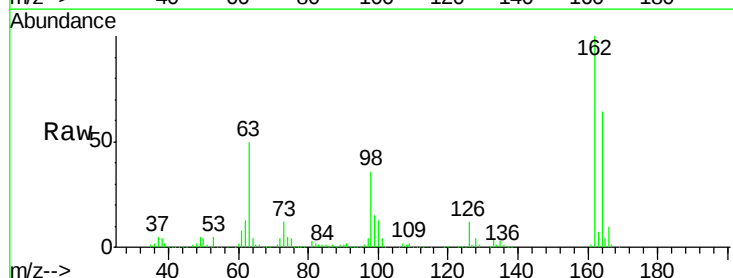
Sohil

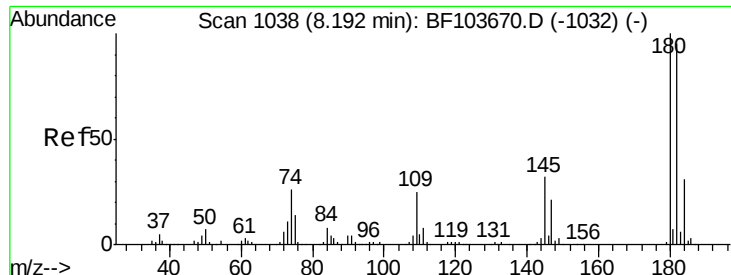
3/19/2018 2:03:00 PM



#29  
2,4-Dichlorophenol  
Concen: 41.963 ng  
RT: 8.11 min Scan# 1024  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 63.7  | 42.7 | 82.7  |       |
| 98      | 36.5  | 18.1 | 58.1  |       |





#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.003 ng  
 RT: 8.20 min Scan# 1039  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

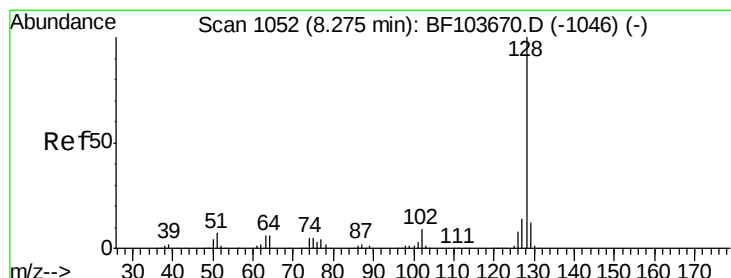
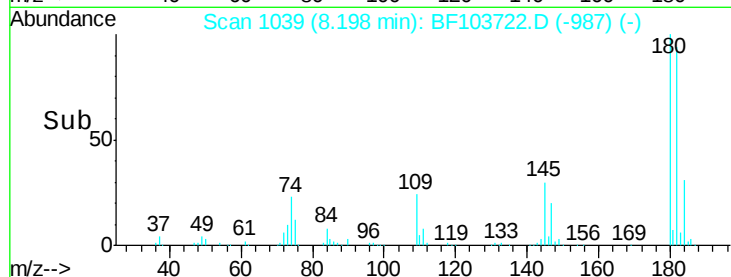
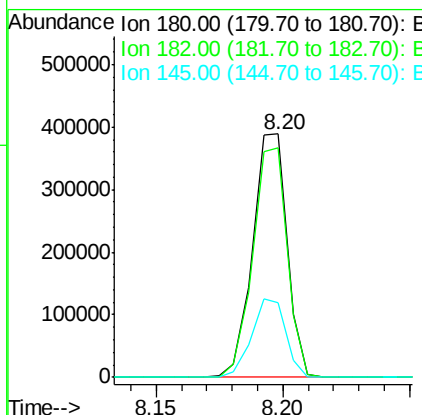
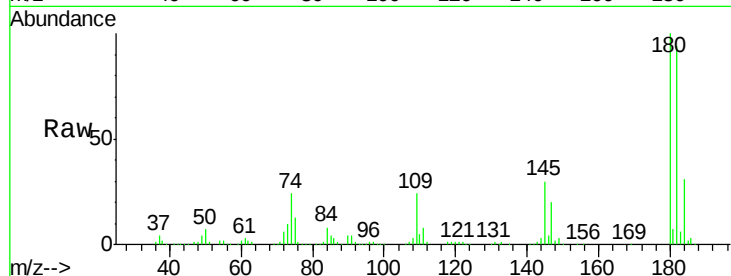
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 370376 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.4  | 76.8  | 115.2  |
| 145       | 30.4  | 26.5  | 39.7   |

Manual Integrations  
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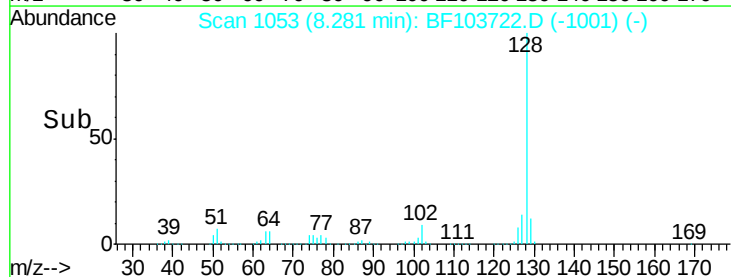
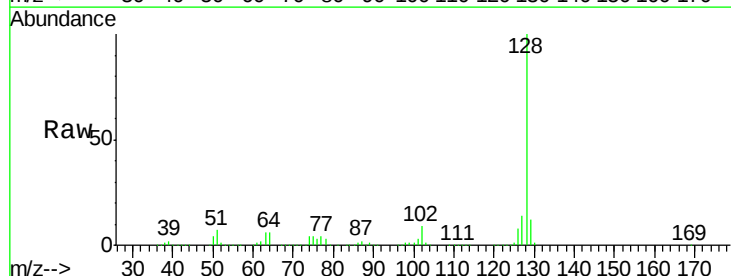
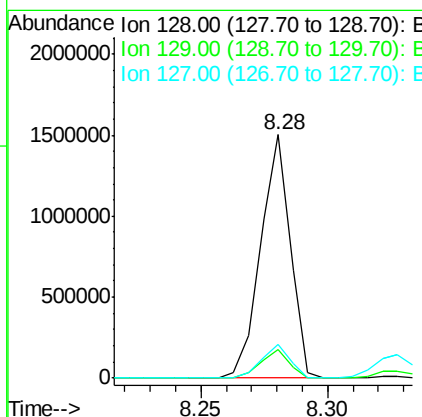
Sohil

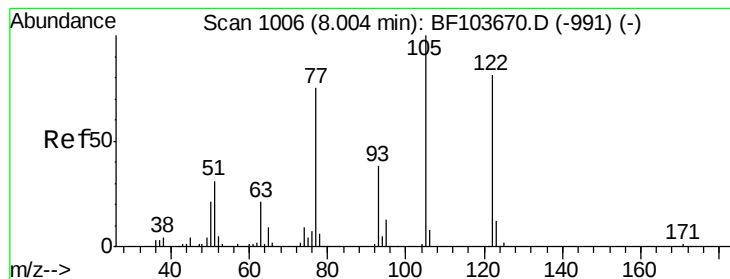
3/19/2018 2:03:00 PM



#31  
 Naphthalene  
 Concen: 37.487 ng  
 RT: 8.28 min Scan# 1053  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 128   | Resp: | 1229842 |
| Ion Ratio | Lower | Upper |         |
| 128       | 100   |       |         |
| 129       | 11.5  | 8.8   | 13.2    |
| 127       | 13.9  | 10.9  | 16.3    |





#32

Benzoic acid

Concen: 11.016 ng/mL

RT: 7.94 min Scan# 995

Delta R.T. -0.06 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

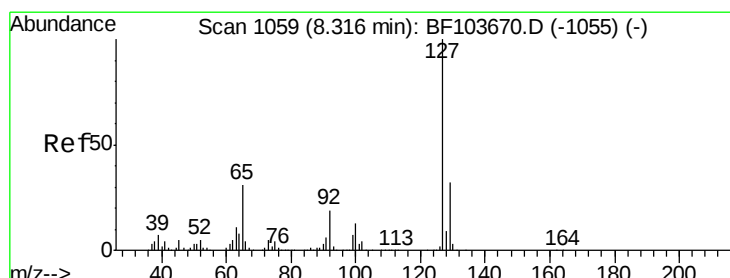
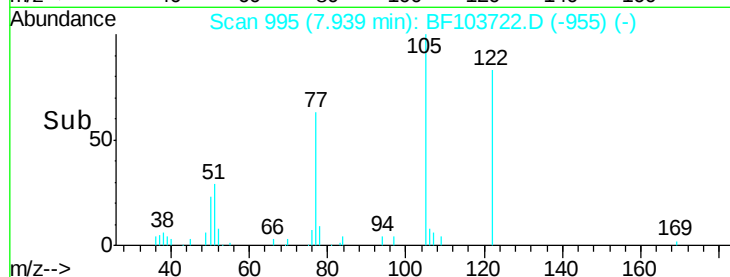
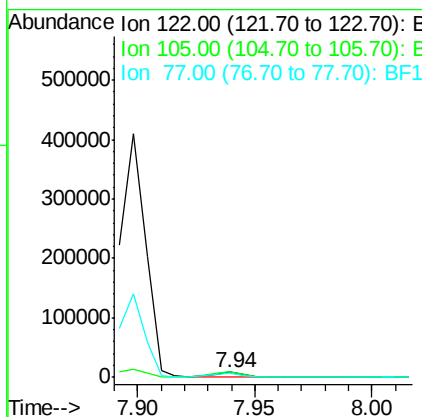
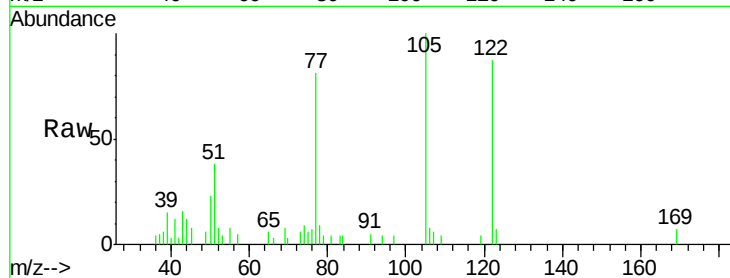
P002-S001-0001-01MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 122   | Resp: | 9123  |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 115.5 | 101.1 | 141.1 |
| 77        | 93.0  | 70.7  | 110.7 |

Manual Integrations  
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Sohil

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#33

4-Chloroaniline

Concen: 11.877 ng/mL

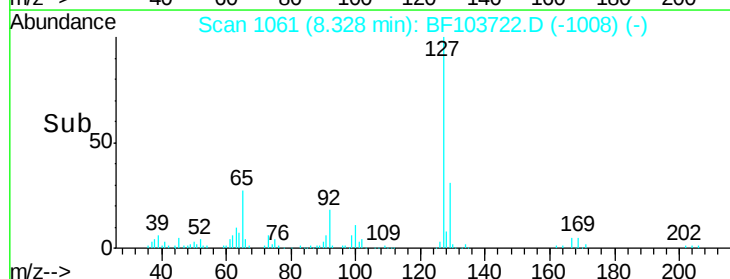
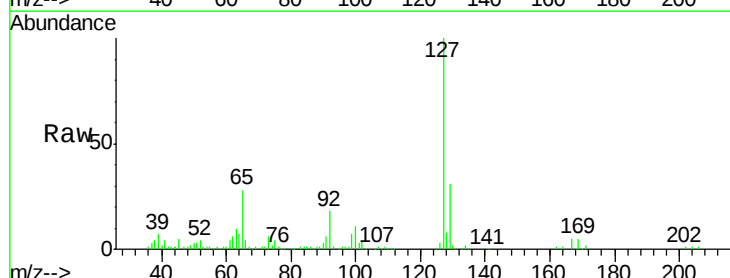
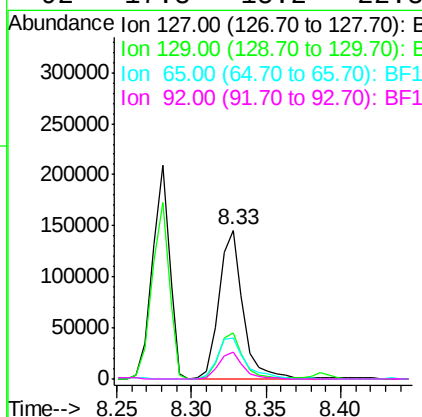
RT: 8.33 min Scan# 1061

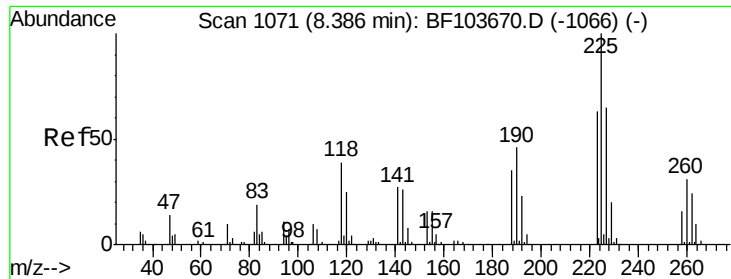
Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 163478 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 31.1  | 25.9  | 38.9   |
| 65        | 27.6  | 25.0  | 37.4   |
| 92        | 17.8  | 15.2  | 22.8   |





#34  
Hexachlorobutadiene  
Concen: 37.463 ng  
RT: 8.39 min Scan# 1071  
Delta R.T. -0.00 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

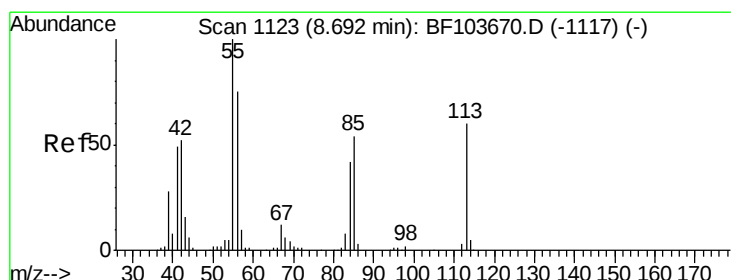
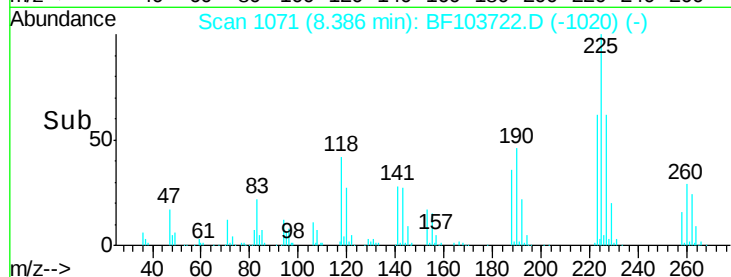
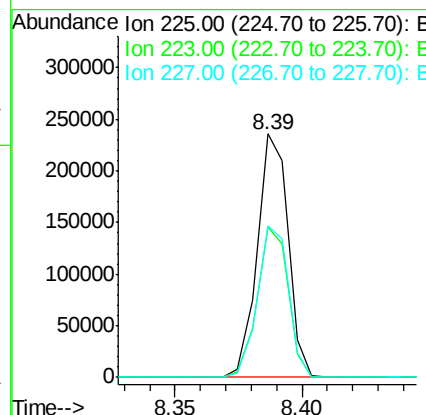
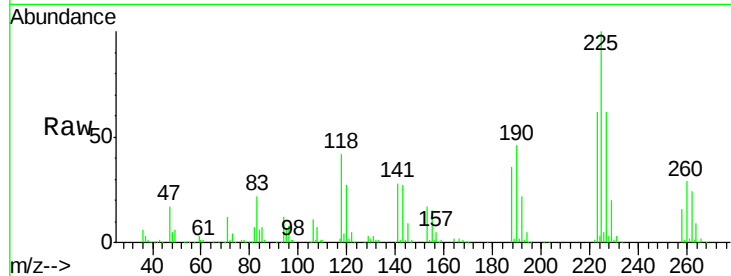
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 225   | Resp: | 200182 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.9  | 50.6  | 76.0   |
| 227       | 62.0  | 51.9  | 77.9   |

Manual Integrations  
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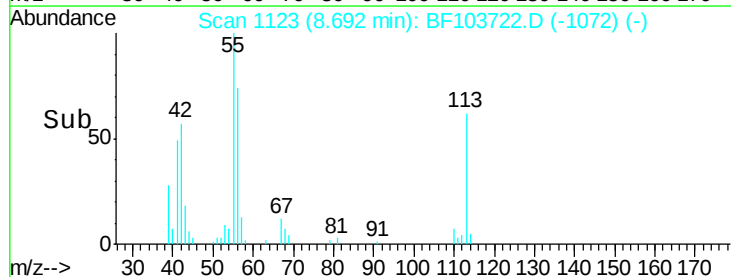
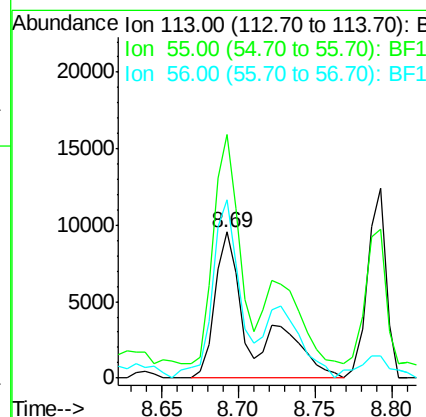
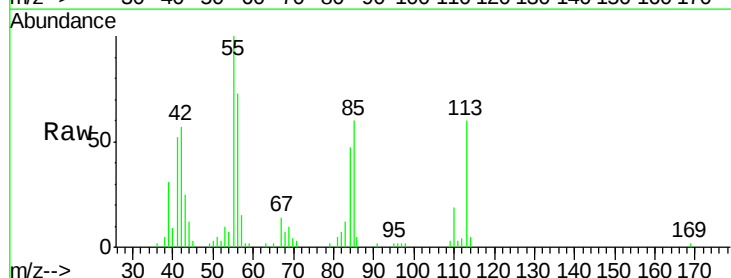
Sohil

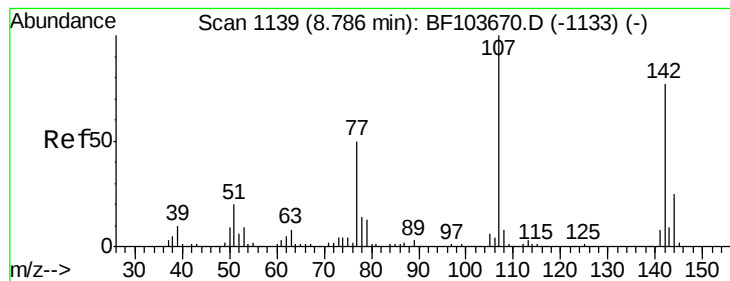
3/19/2018 2:03:00 PM



#35  
Caprolactam  
Concen: 5.707 ng m  
RT: 8.69 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 16512 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 167.0 | 163.3 | 203.3 |
| 56        | 122.2 | 115.7 | 155.7 |





#36

4-Chloro-3-methylphenol

Concen: 39.712 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

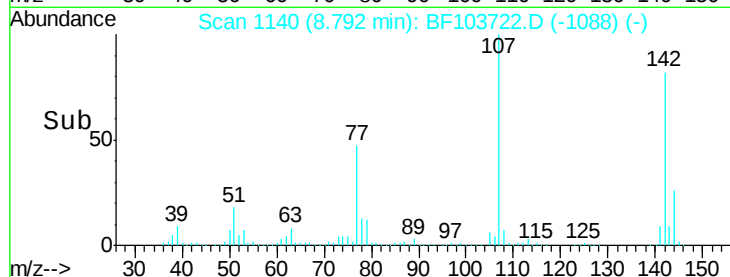
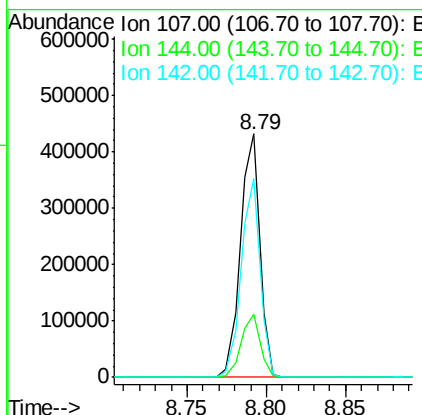
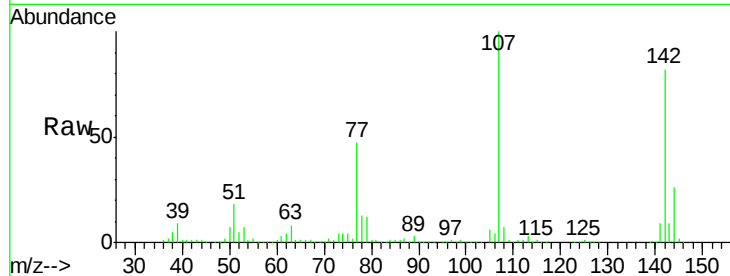
P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 367866 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.8  | 20.5  | 30.7   |
| 142       | 81.8  | 62.0  | 93.0   |

Manual Integrations  
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Sohil

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#37

2-Methylnaphthalene

Concen: 37.825 ng

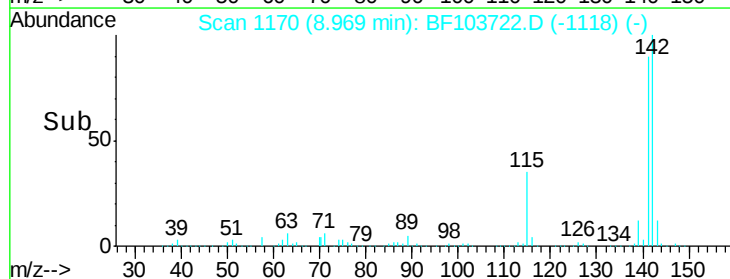
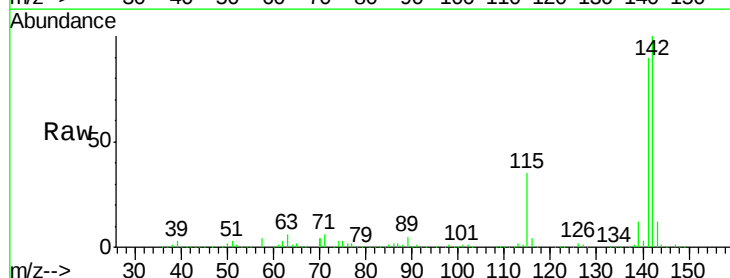
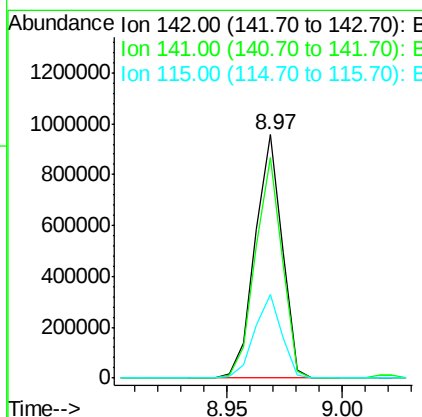
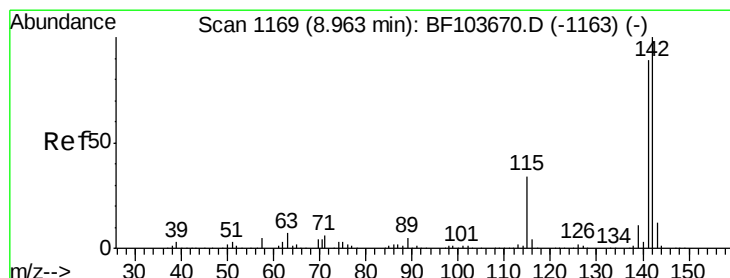
RT: 8.97 min Scan# 1170

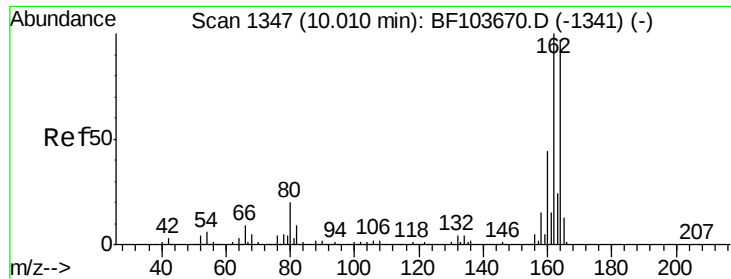
Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 786944 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 90.3  | 70.8  | 106.2  |
| 115       | 34.5  | 26.1  | 39.1   |





#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.02 min Scan# 1348  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

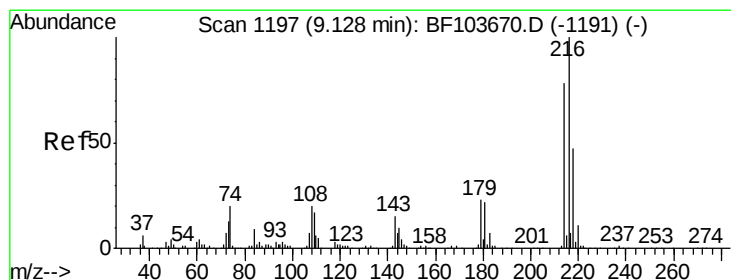
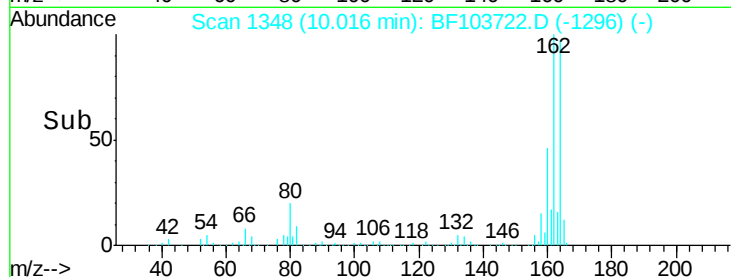
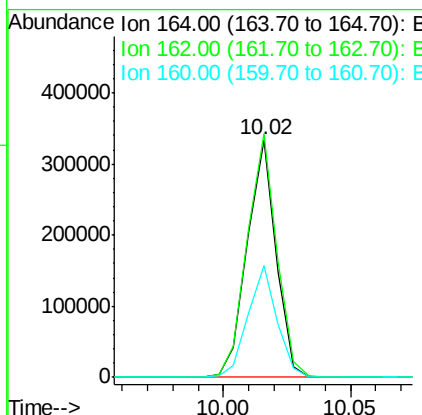
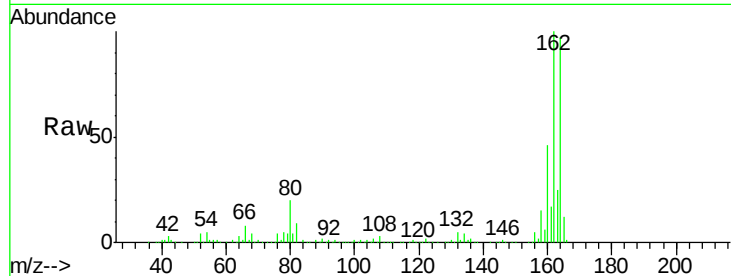
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.6 | 86.1  | 129.1 |
| 160     | 47.2  | 38.3  | 57.5  |

Manual Integrations  
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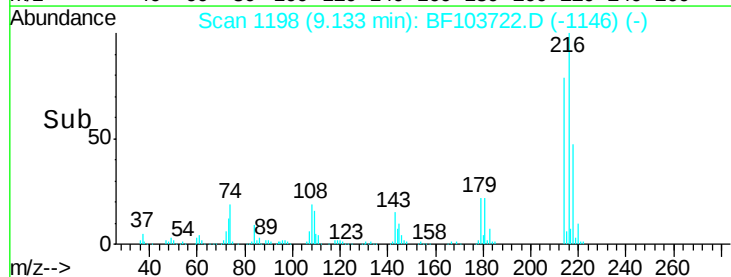
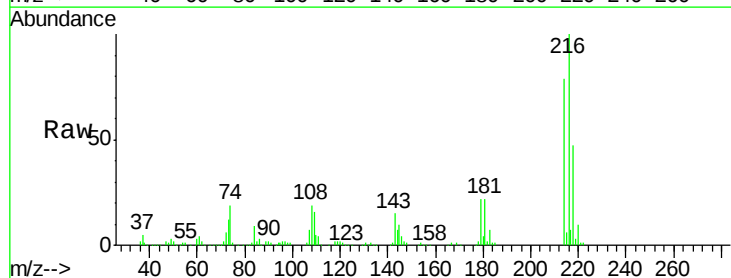
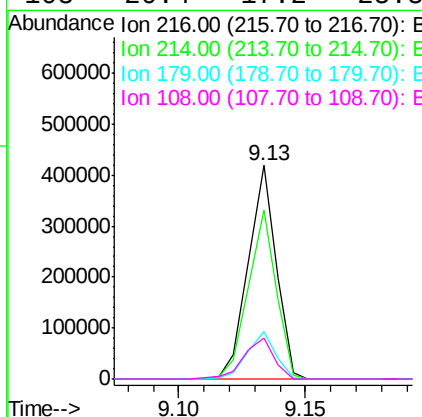
Sohil

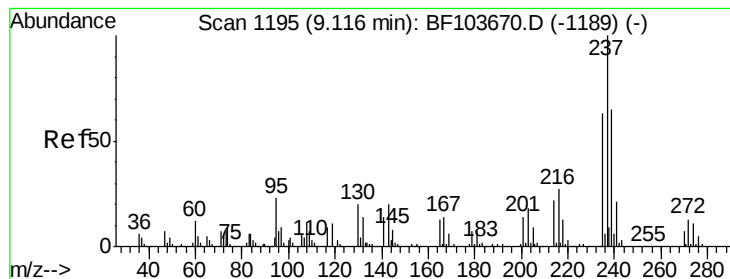
3/19/2018 2:03:00 PM



#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.009 ng  
 RT: 9.13 min Scan# 1198  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.6  | 63.0  | 94.4  |
| 179     | 22.3  | 18.1  | 27.1  |
| 108     | 20.4  | 17.2  | 25.8  |





#40

Hexachlorocyclopentadiene

Concen: 13.103 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

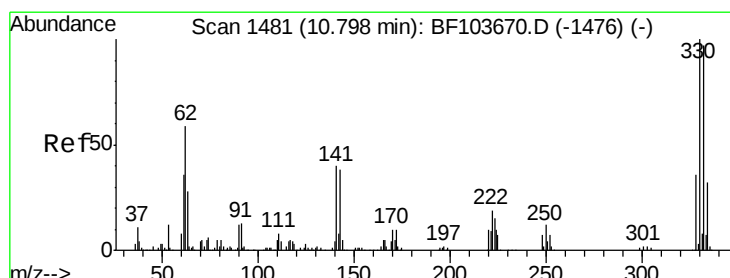
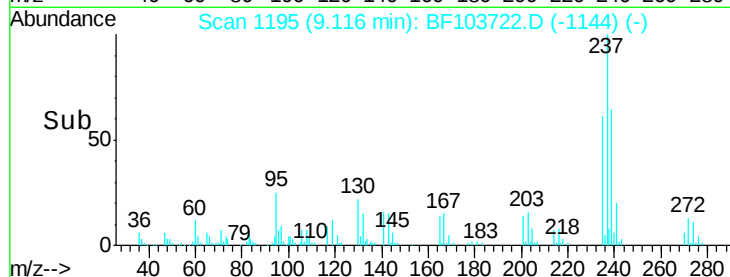
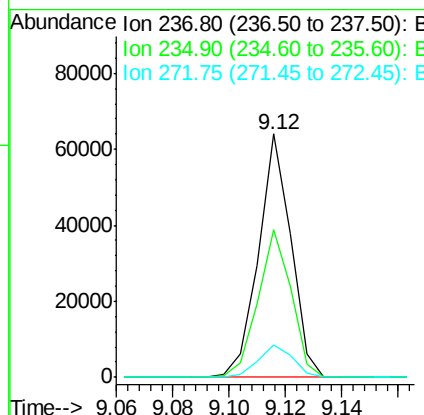
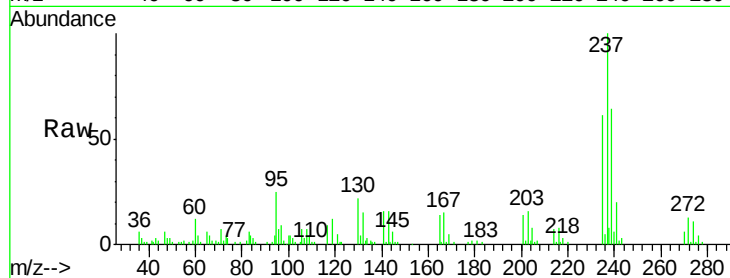
P002-S001-0001-01MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 50938 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 60.6  | 44.8  | 84.8  |
| 272       | 13.3  | 0.0   | 33.3  |

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#41

2,4,6-Tribromophenol

Concen: 116.722 ng

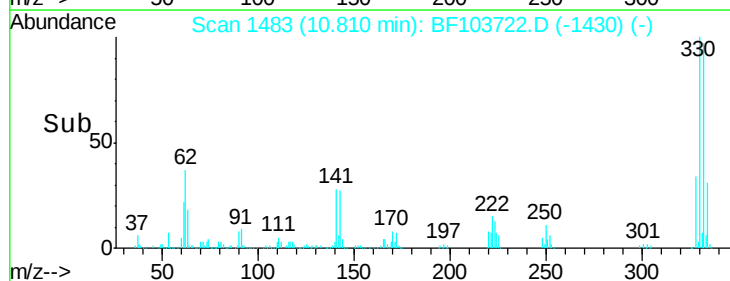
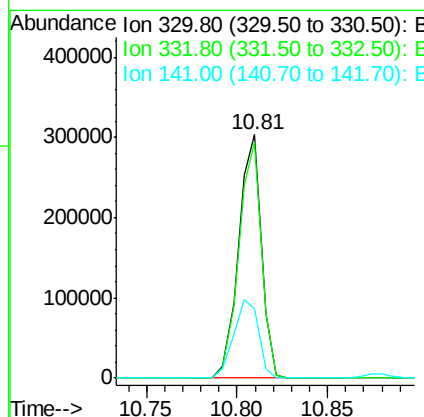
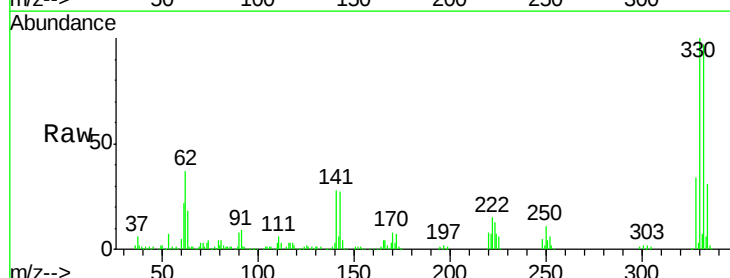
RT: 10.81 min Scan# 1483

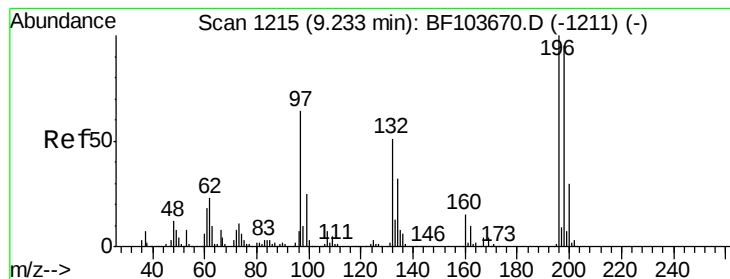
Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 265028 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.5  | 77.0  | 115.6  |
| 141       | 35.8  | 29.9  | 44.9   |





#42

2,4,6-Trichlorophenol

Concen: 45.625 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

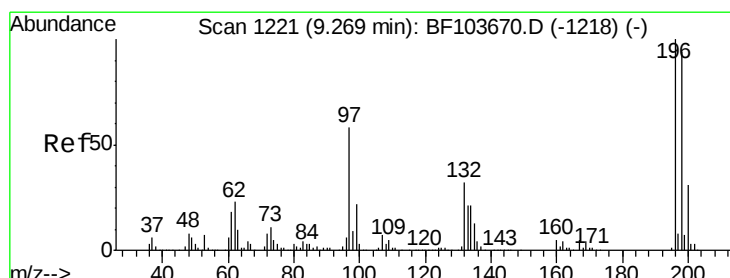
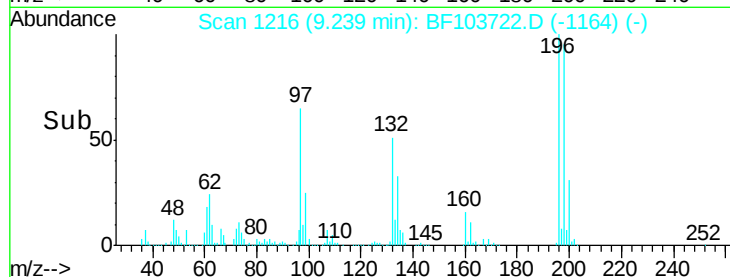
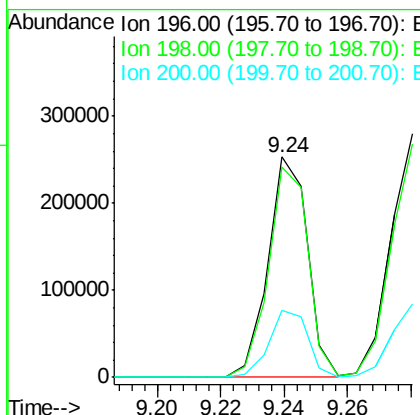
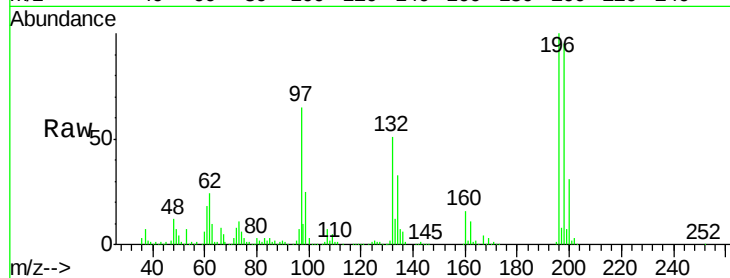
P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 219862 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.4  | 75.7  | 113.5  |
| 200       | 30.6  | 24.5  | 36.7   |

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#43

2,4,5-Trichlorophenol

Concen: 42.737 ng

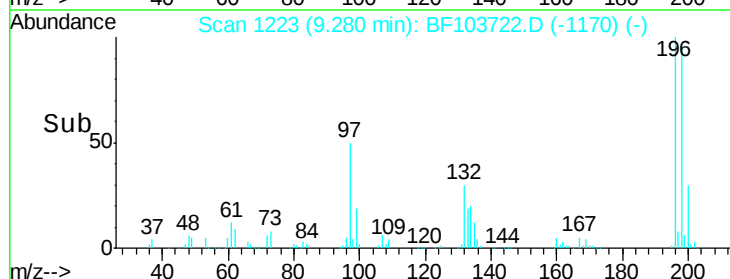
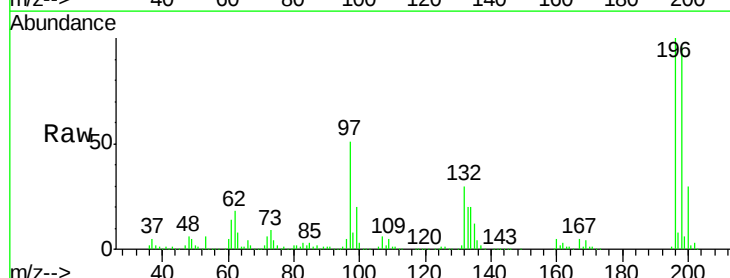
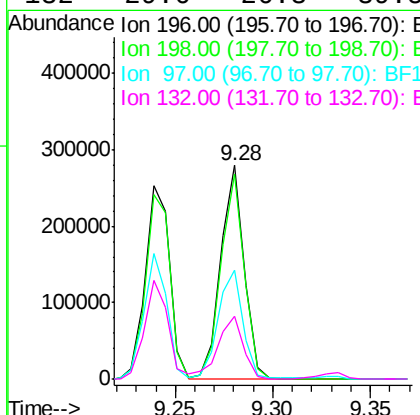
RT: 9.28 min Scan# 1223

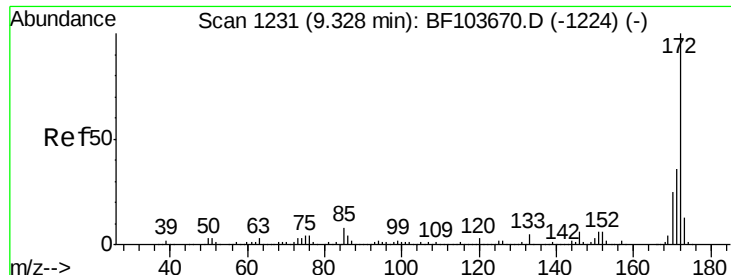
Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 232447 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.7  | 74.6  | 112.0  |
| 97        | 50.7  | 42.9  | 64.3   |
| 132       | 29.6  | 26.3  | 39.5   |





#44  
2-Fluorobiphenyl  
Concen: 87.332 ng  
RT: 9.33 min Scan# 1232  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

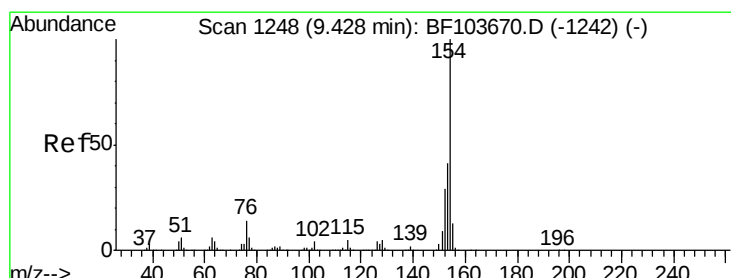
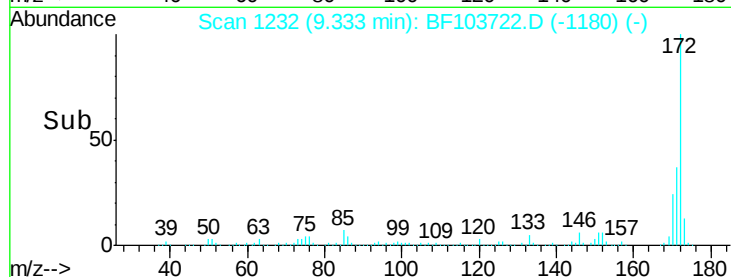
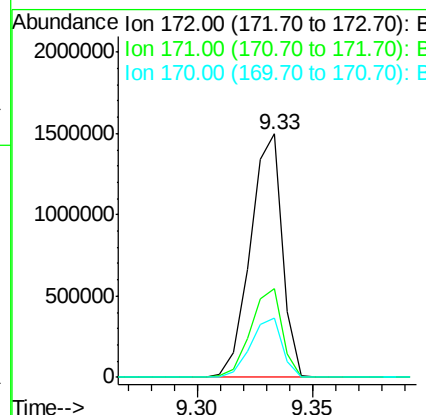
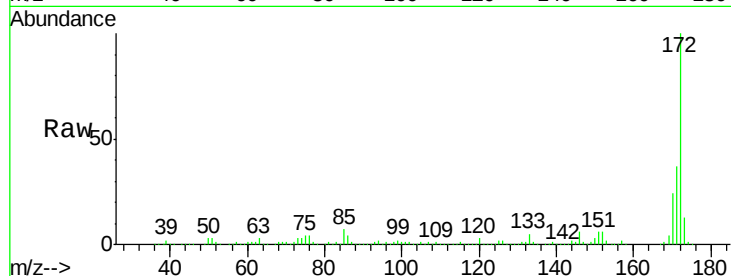
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 29.7  | 44.5  |
| 170     | 24.2  | 19.6  | 29.4  |

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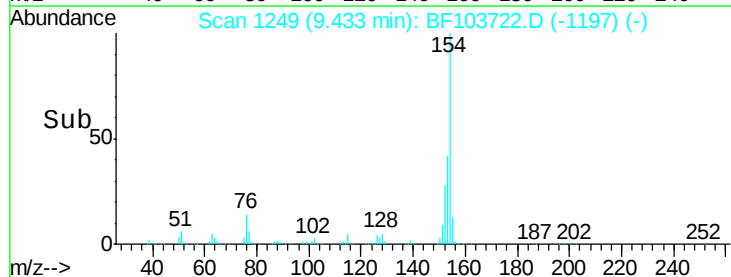
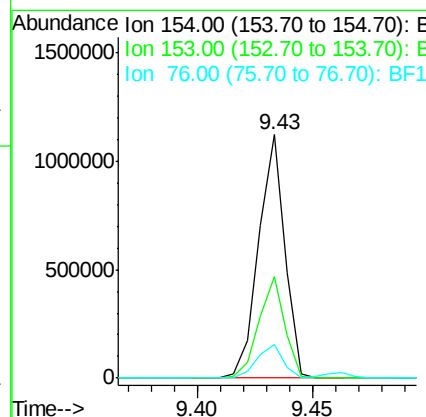
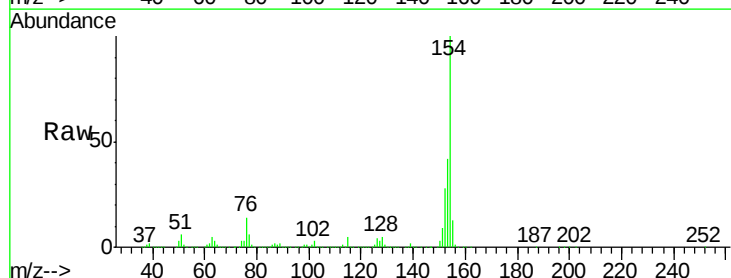
Sohil

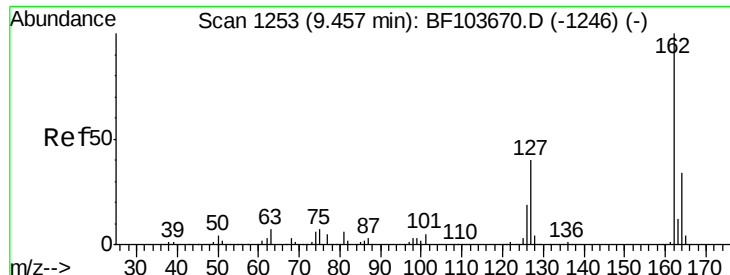
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#45  
1,1'-Biphenyl  
Concen: 40.579 ng  
RT: 9.43 min Scan# 1249  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.6  | 21.3  | 61.3  |
| 76      | 14.1  | 0.0   | 34.0  |





#46  
2-Chloronaphthalene  
Concen: 40.226 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

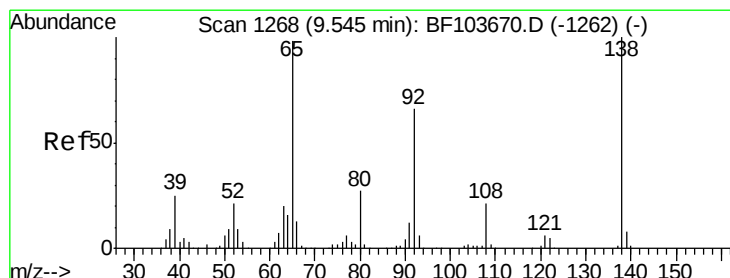
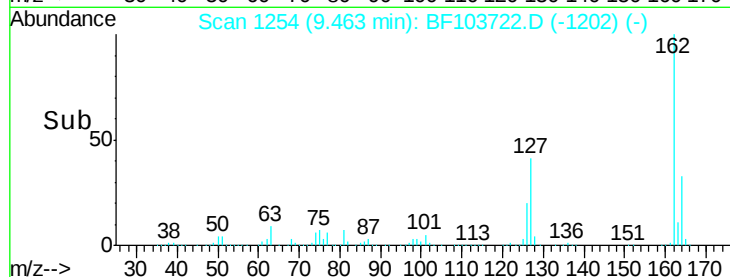
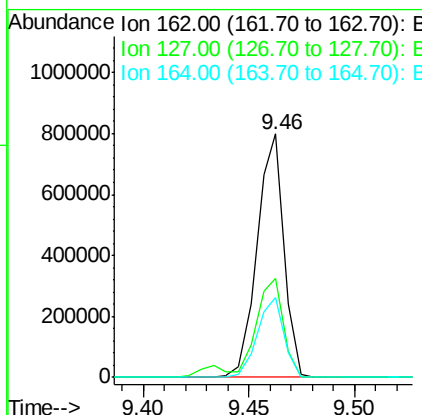
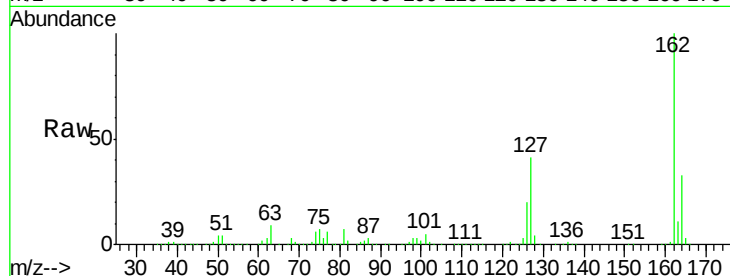
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 40.5  | 33.9       | 50.9  |
| 164     | 32.5  | 26.5       | 39.7  |

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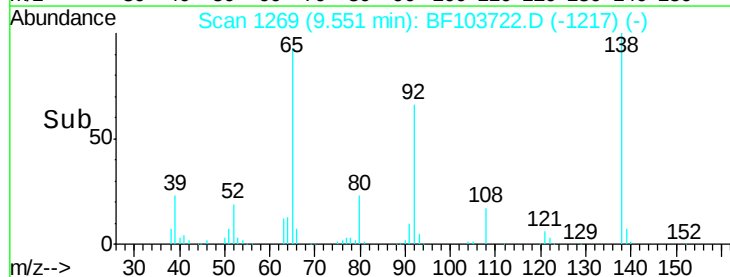
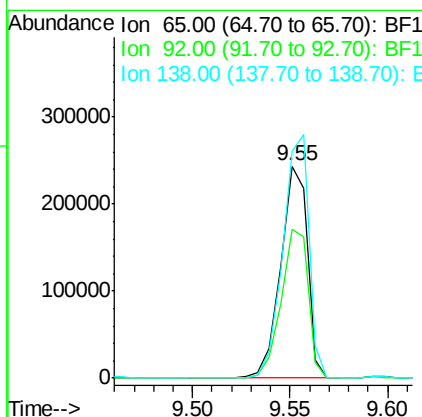
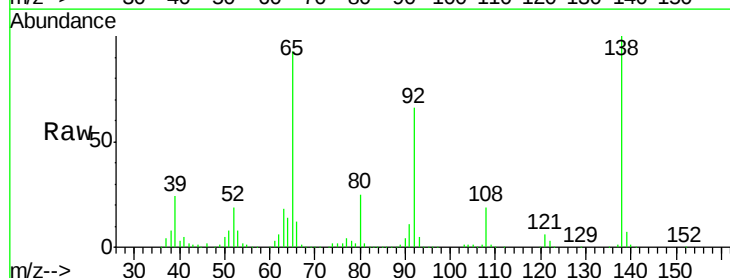
Sohil

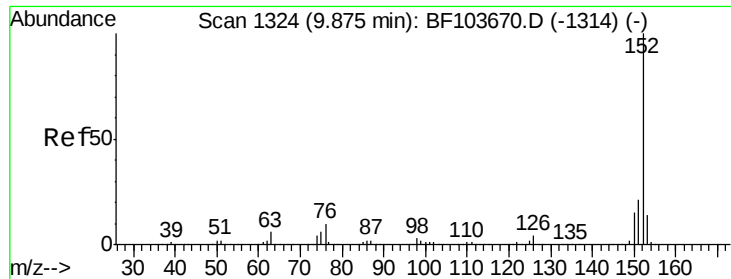
3/19/2018 2:03:00 PM



#47  
2-Nitroaniline  
Concen: 50.296 ng  
RT: 9.55 min Scan# 1269  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 65      | 100   |            |       |
| 92      | 70.5  | 55.8       | 83.6  |
| 138     | 107.1 | 91.2       | 136.8 |





#48

Acenaphthylene

Concen: 37.447 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

P002-S001-0001-01MSD

Tot Ion:152 Resp: 1015621

Ion Ratio Lower Upper

152 100

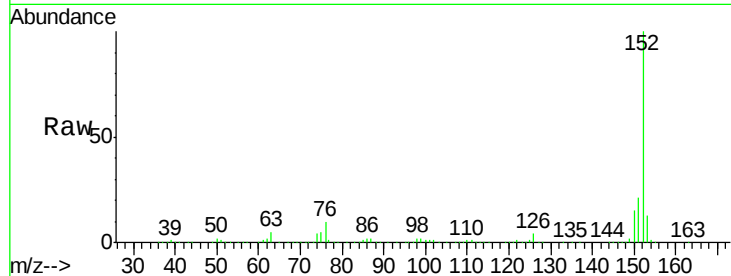
151 20.9 16.3 24.5

153 13.4 10.7 16.1

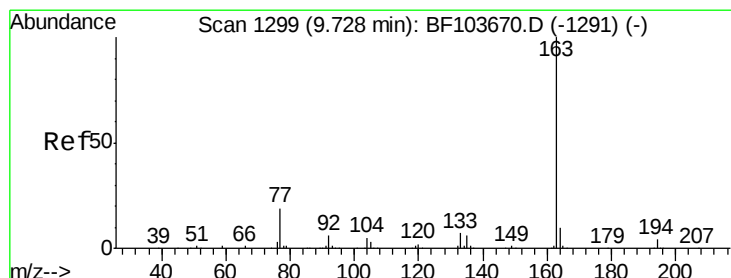
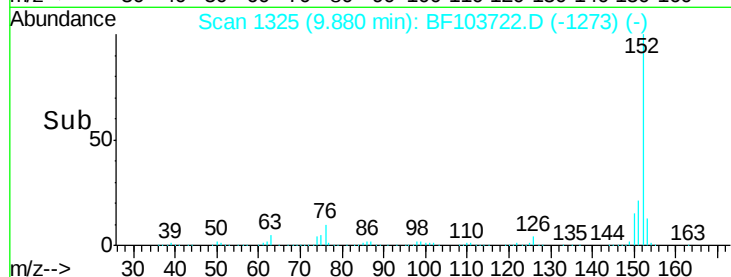
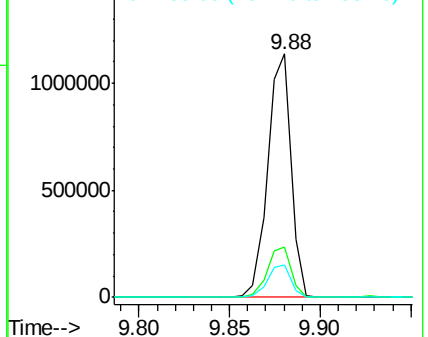
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.059 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

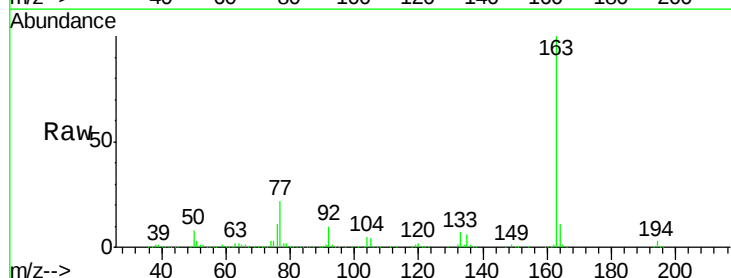
Tgt Ion:163 Resp: 988435

Ion Ratio Lower Upper

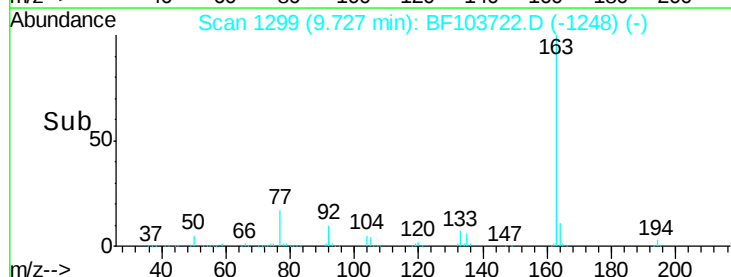
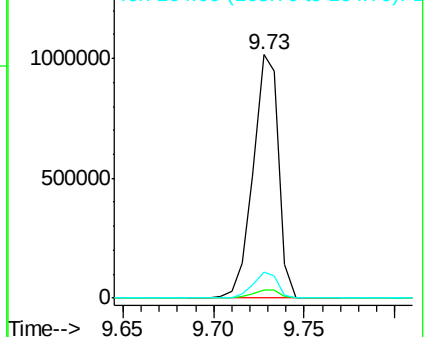
163 100

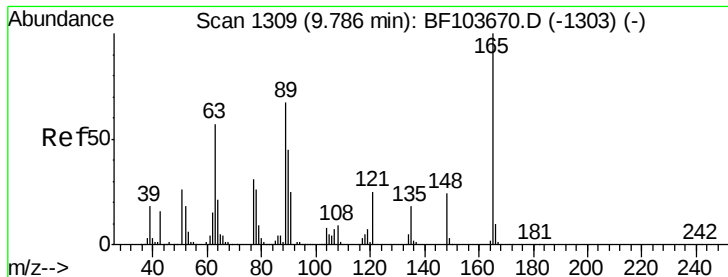
194 3.4 2.7 4.1

164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





#50  
2,6-Dinitrotoluene  
Concen: 43.287 ng  
RT: 9.79 min Scan# 1310  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

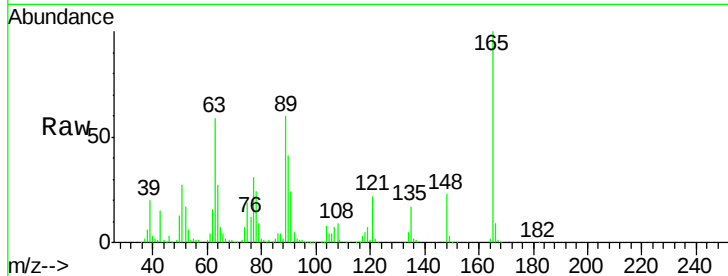
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 167052 |       |       |
| 63      | 58.5  | 44.7   | 67.1  |       |
| 89      | 59.6  | 44.0   | 66.0  |       |

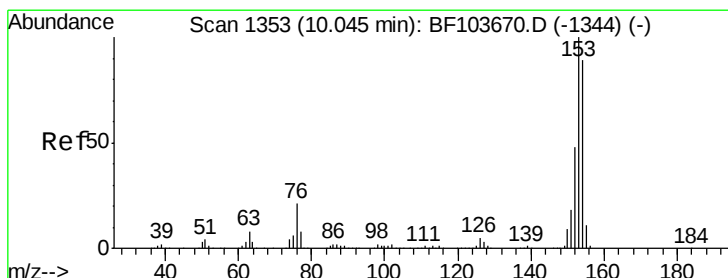
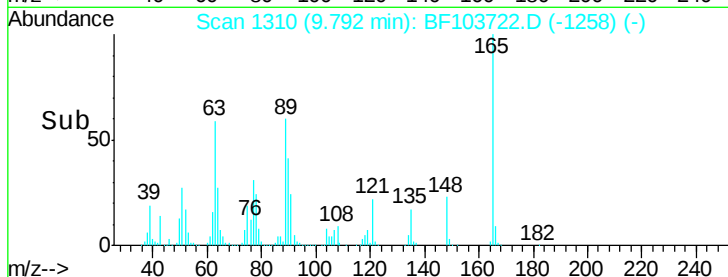
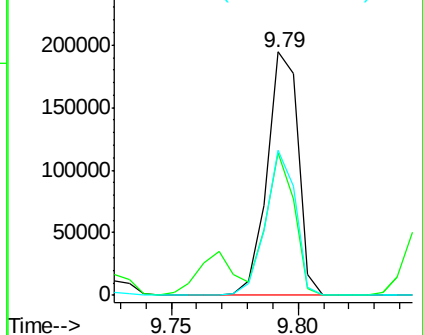
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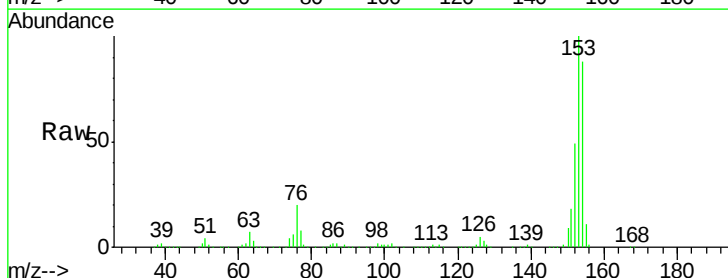


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 89.00 (88.70 to 89.70): BF1

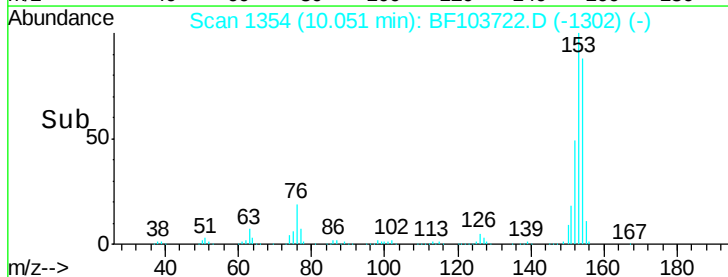
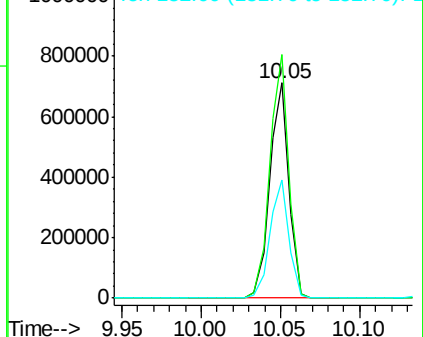


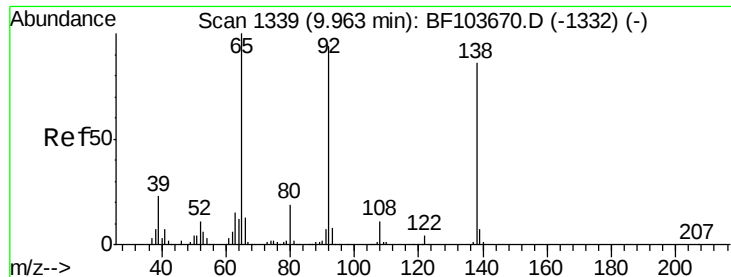
#51  
Acenaphthene  
Concen: 37.356 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 601573 |       |       |
| 153     | 113.3 | 91.2   | 136.8 |       |
| 152     | 55.3  | 43.8   | 65.8  |       |



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





#52  
3-Nitroaniline  
Concen: 34.086 ng  
RT: 9.96 min Scan# 1339  
Delta R.T. 0.00 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

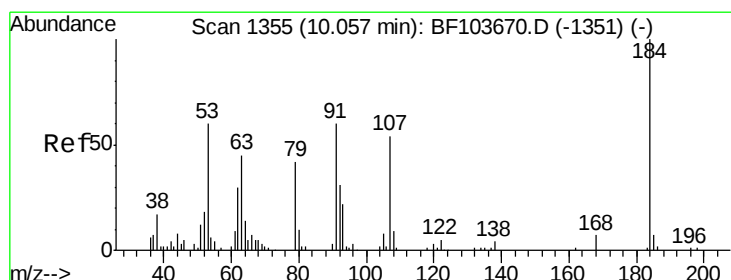
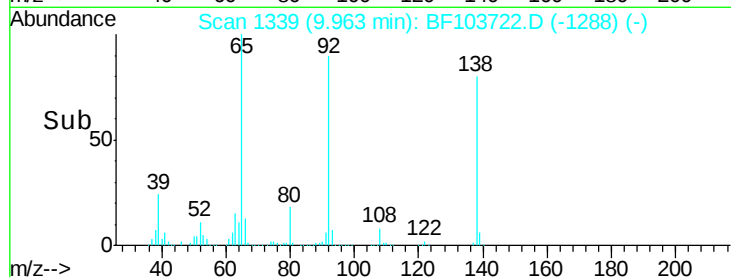
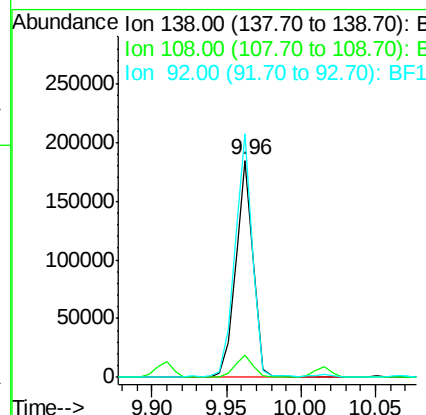
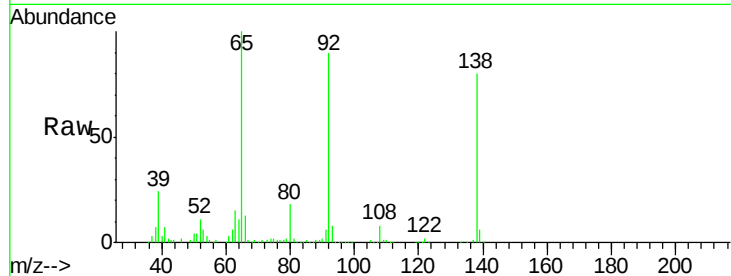
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 9.4   | 14.0  |
| 92      | 112.0 | 89.4  | 134.2 |

Manual Integrations  
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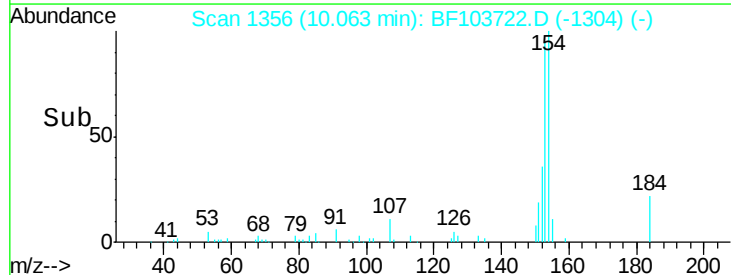
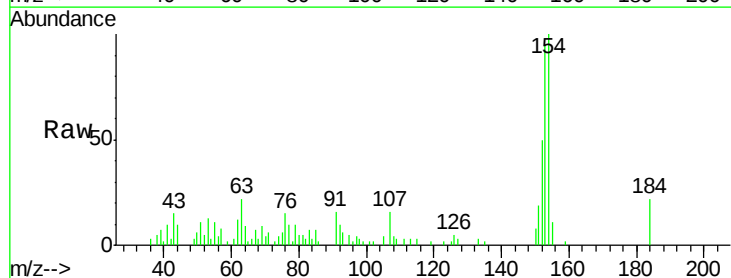
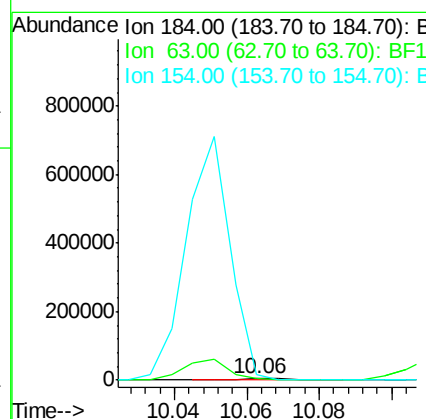
Sohil

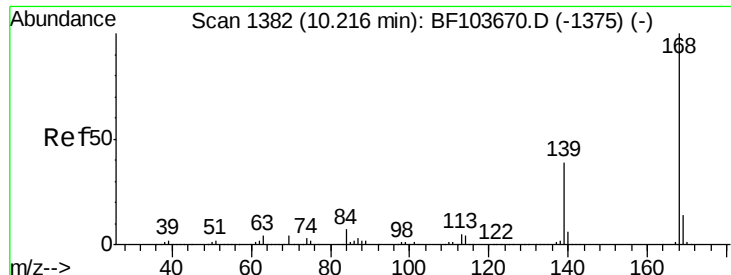
3/19/2018 2:03:00 PM



#53  
2,4-Dinitrophenol  
Concen: 11.787 ng  
RT: 10.06 min Scan# 1356  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 98.4  | 54.2  | 81.2#  |
| 154     | 451.4 | 184.0 | 276.0# |





#54  
Dibenzenofuran  
Concen: 38.954 ng  
RT: 10.22 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

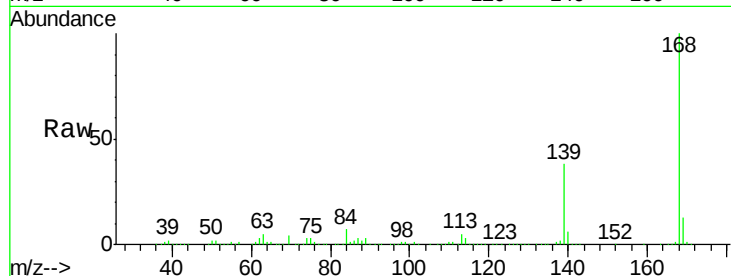
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 38.4  | 30.1 | 45.1  |       |
| 169     | 13.4  | 10.9 | 16.3  |       |

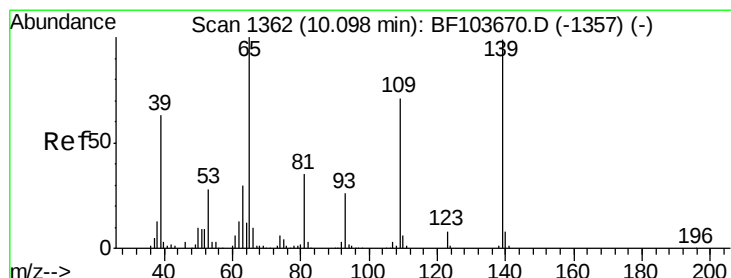
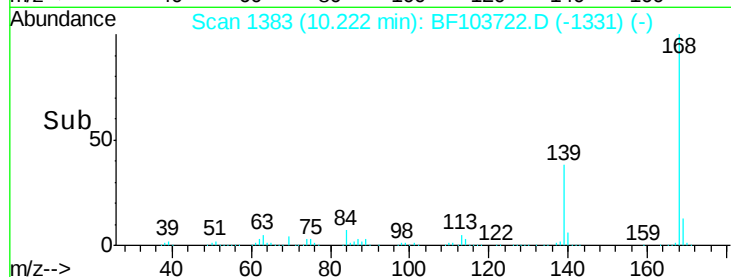
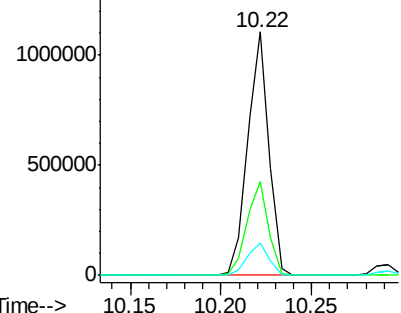
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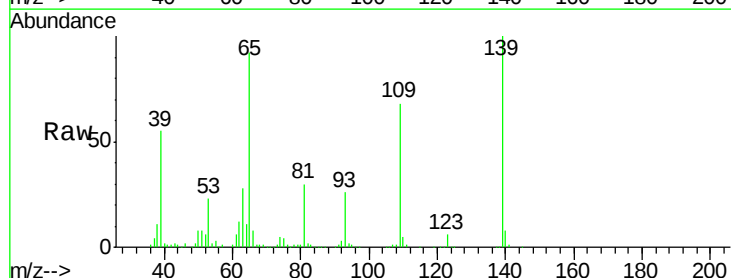


Abundance Ion 168.00 (167.70 to 168.70): E  
1500000  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

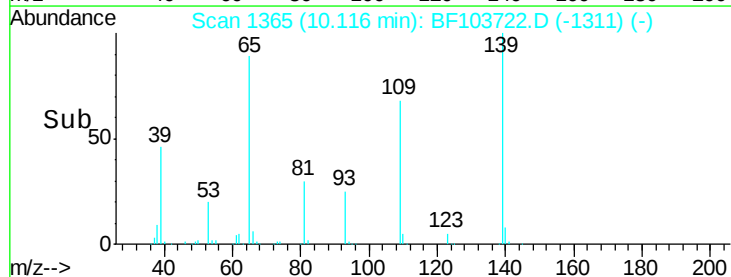
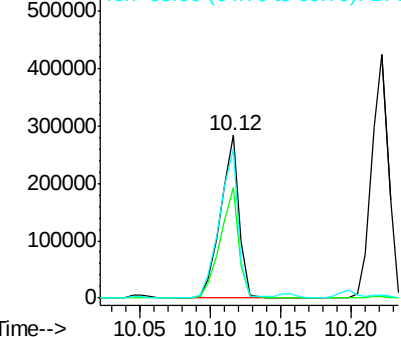


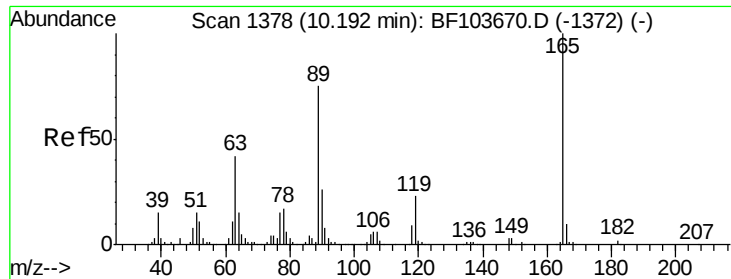
#55  
4-Nitrophenol  
Concen: 70.258 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.02 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 68.2  | 48.4 | 88.4  |       |
| 65      | 91.9  | 72.6 | 112.6 |       |



Abundance Ion 139.00 (138.70 to 139.70): E  
500000  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF1





#56  
2,4-Dinitrotoluene  
Concen: 41.139 ng  
RT: 10.20 min Scan# 1379  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

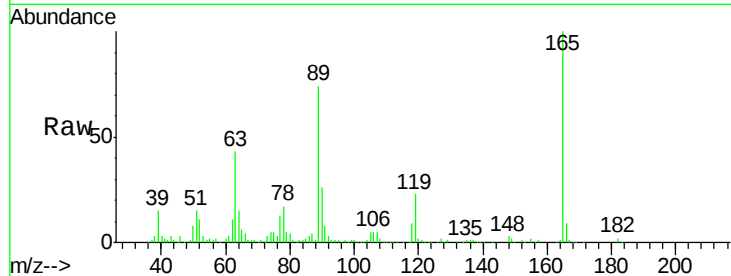
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 165     | 100   |            |       |
| 63      | 42.8  | 36.4       | 54.6  |
| 89      | 73.7  | 57.8       | 86.6  |
| 182     | 2.1   | 1.6        | 2.4   |

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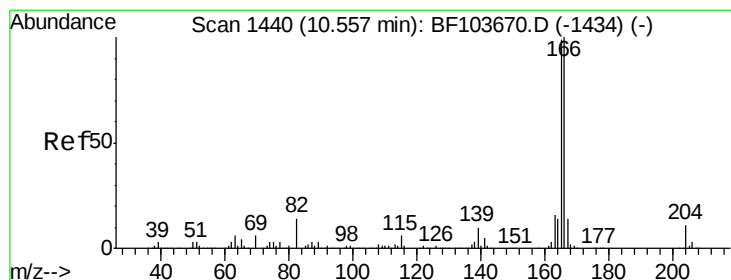
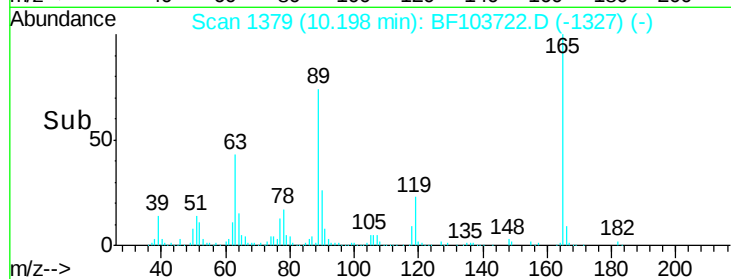
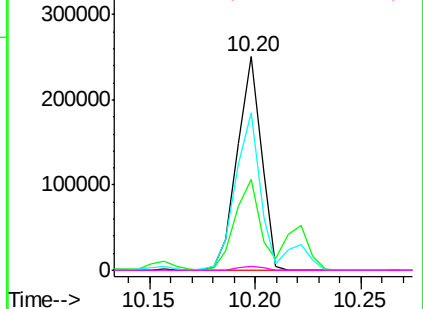
Abundance

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



#57  
Fluorene  
Concen: 37.079 ng  
RT: 10.56 min Scan# 1441  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

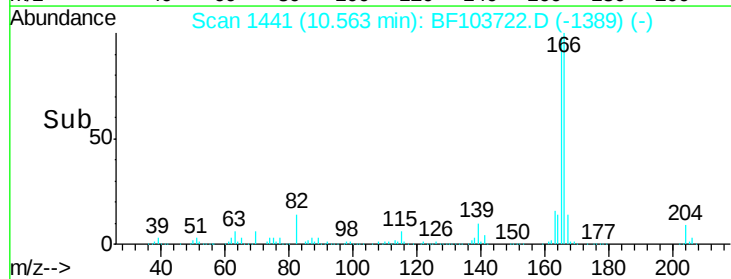
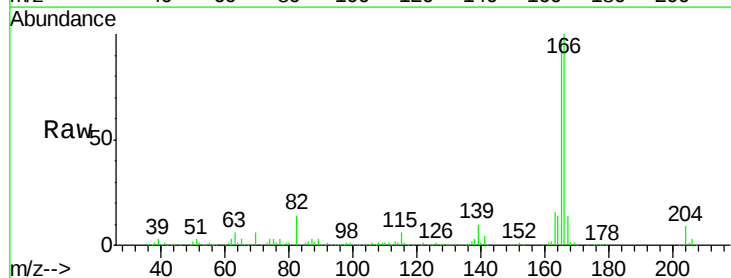
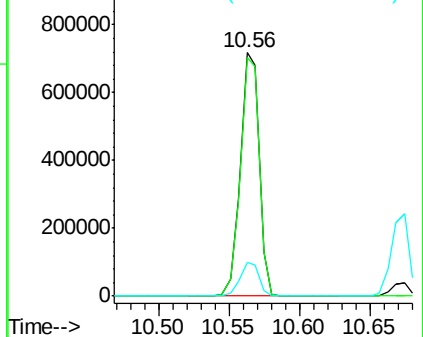
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 166     | 100   |            |       |
| 165     | 97.8  | 79.8       | 119.8 |
| 167     | 13.7  | 10.6       | 16.0  |

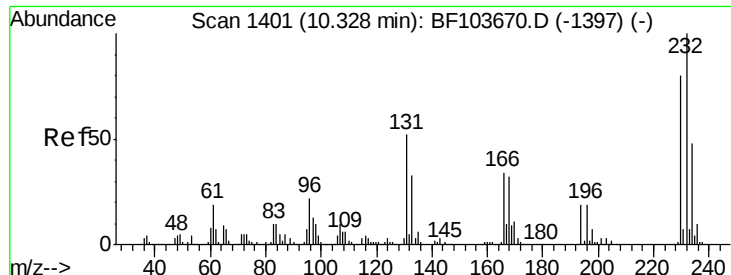
Abundance

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





#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.546 ng  
 RT: 10.33 min Scan# 1402  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

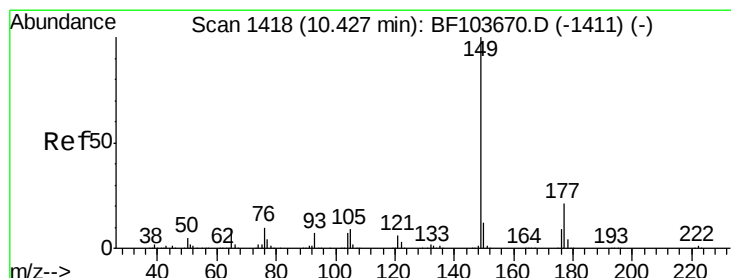
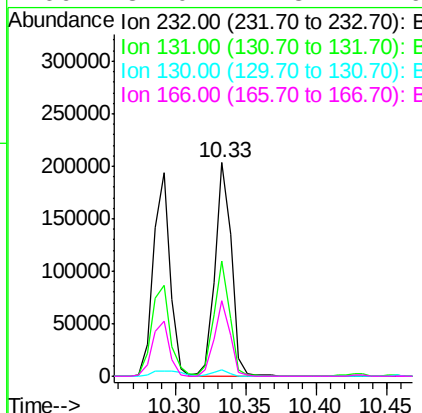
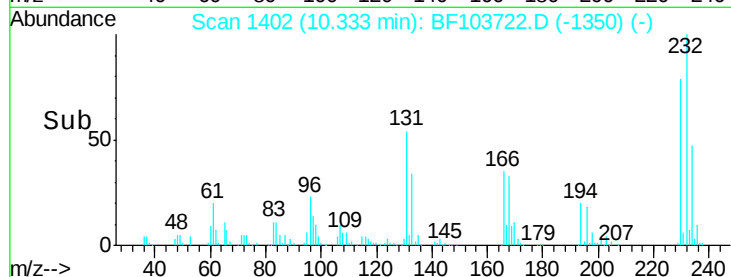
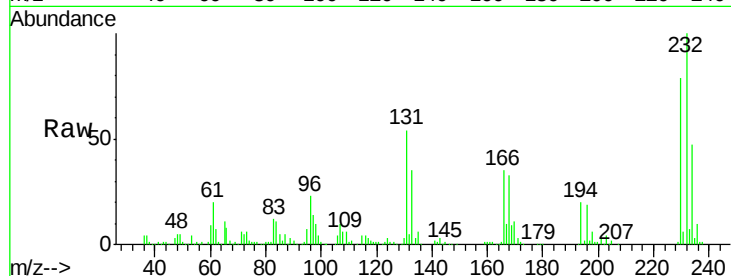
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 163972 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 52.0  | 43.8  | 65.8   |
| 130       | 2.8   | 2.1   | 3.1    |
| 166       | 34.0  | 27.8  | 41.6   |

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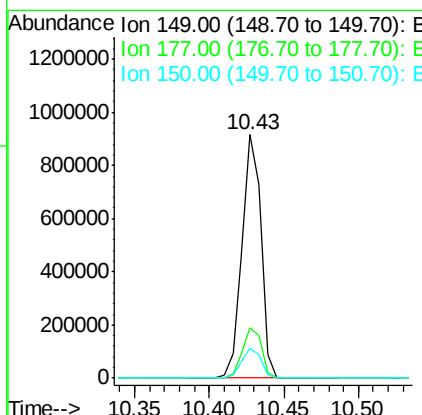
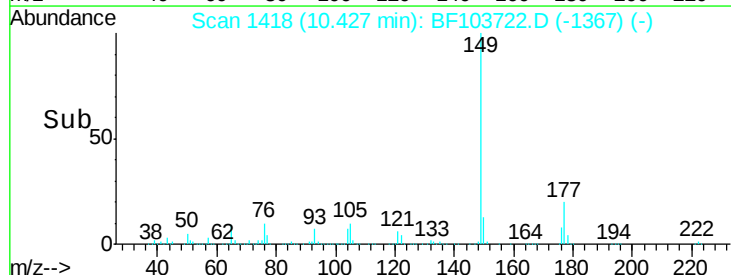
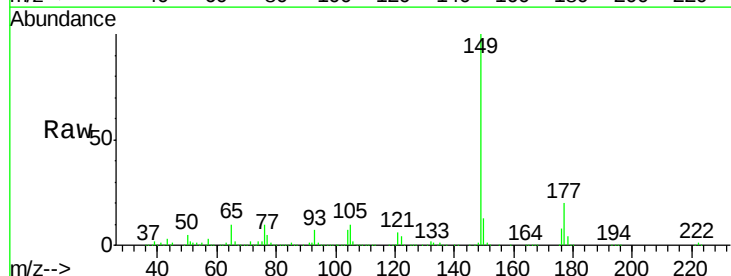
Sohil

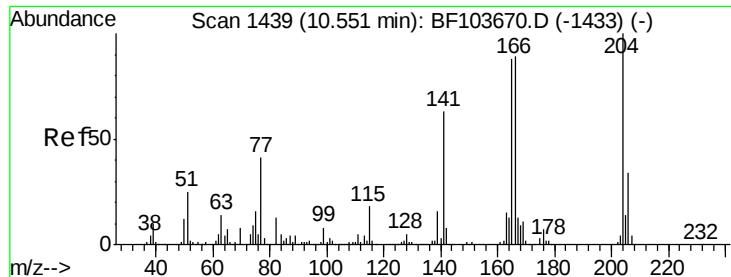
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#59  
 Diethylphthalate  
 Concen: 40.261 ng  
 RT: 10.43 min Scan# 1418  
 Delta R.T. -0.00 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 805113 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.5  | 16.1  | 24.1   |
| 150       | 12.5  | 10.1  | 15.1   |





#60

4-Chlorophenyl-phenylether

Concen: 39.883 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

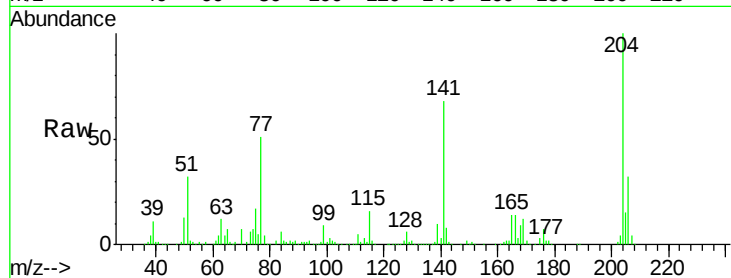
P002-S001-0001-01MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 204  | Resp: | 325309 |
| Ion Ratio |      | Lower | Upper  |
| 204       | 100  |       |        |
| 206       | 32.3 | 26.5  | 39.7   |
| 141       | 68.4 | 54.6  | 81.8   |

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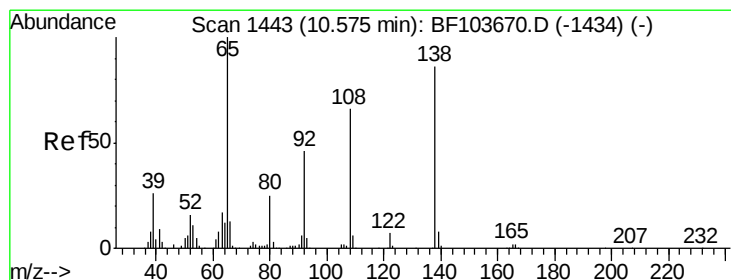
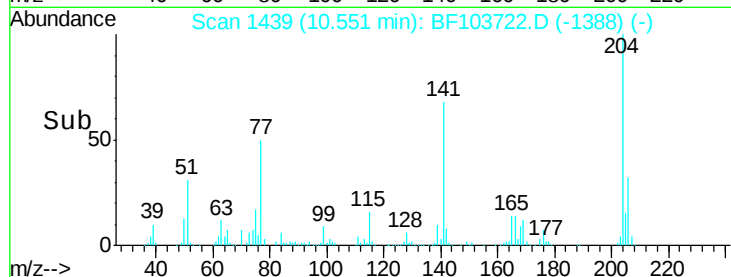
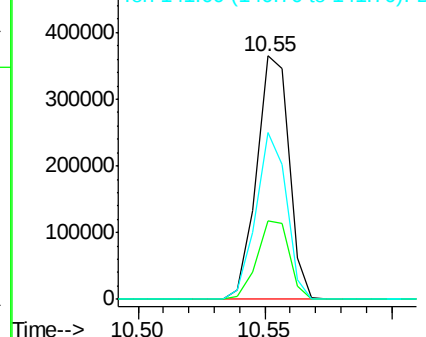
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 36.825 ng

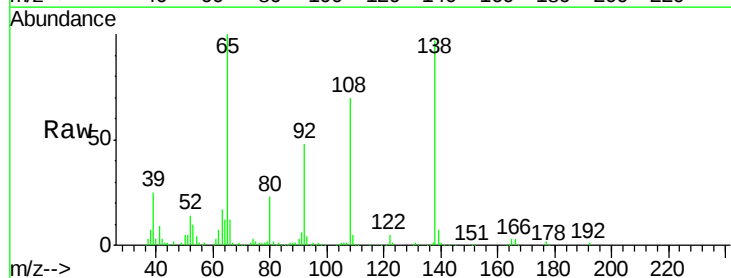
RT: 10.58 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

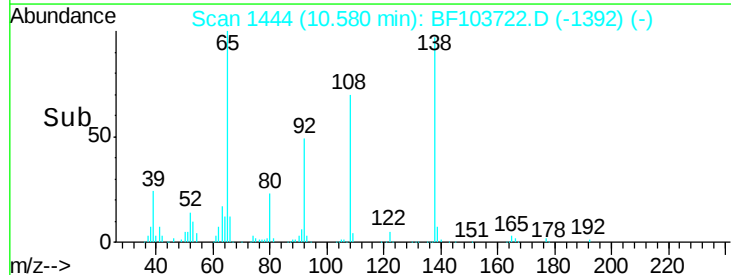
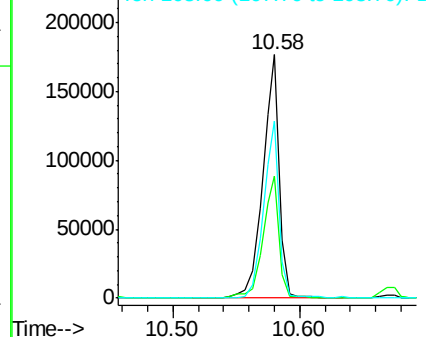
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 138  | Resp: | 161298 |
| Ion Ratio |      | Lower | Upper  |
| 138       | 100  |       |        |
| 92        | 50.2 | 30.2  | 70.2   |
| 108       | 72.7 | 52.5  | 92.5   |

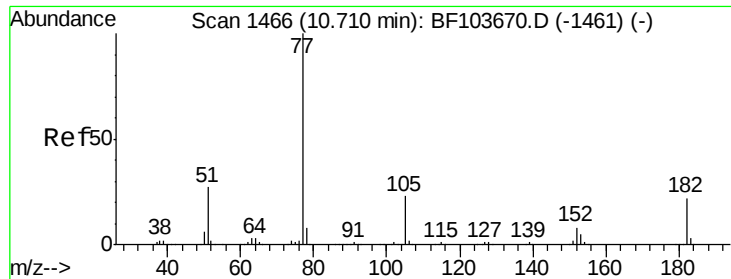


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 36.517 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

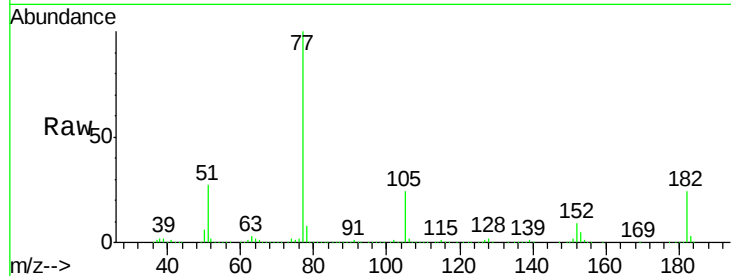
P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 742417 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 24.3  | 1.7   | 41.7   |
| 105       | 24.0  | 3.0   | 43.0   |
| 51        | 26.6  | 9.9   | 49.9   |

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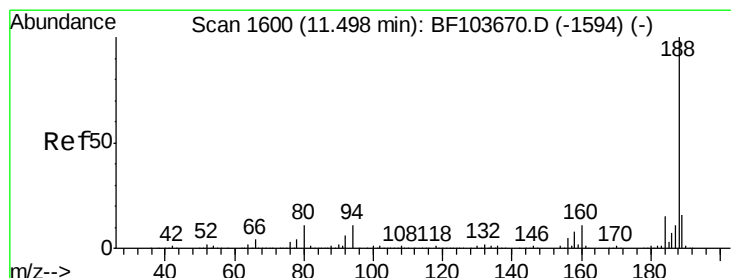
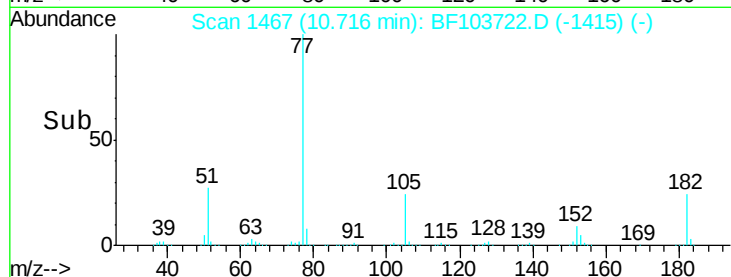
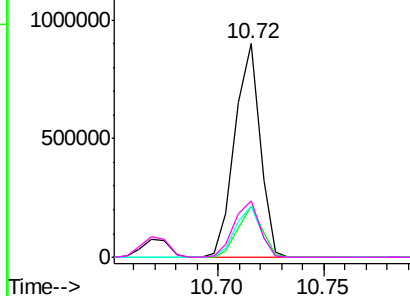


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103722.D

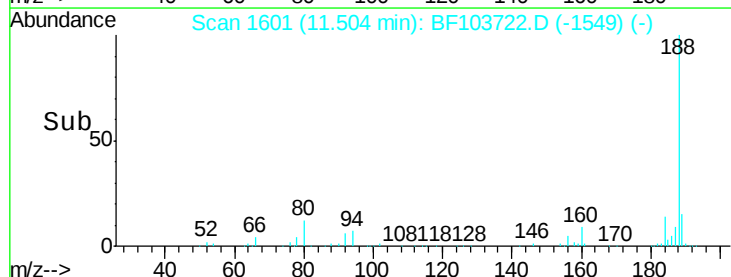
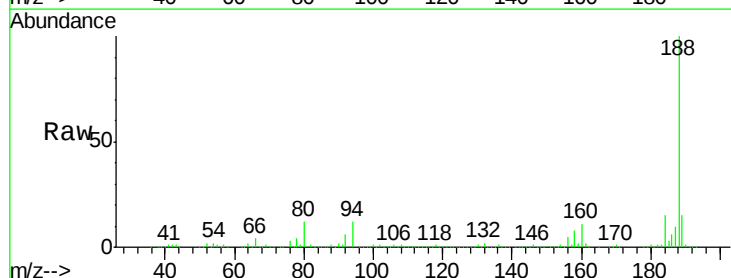
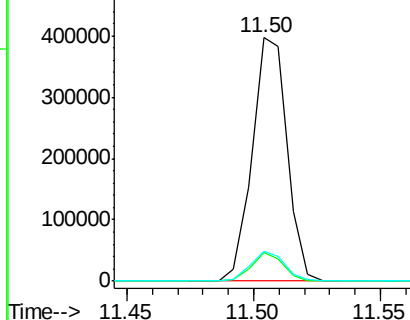
Acq: 17 Mar 2018 2:53

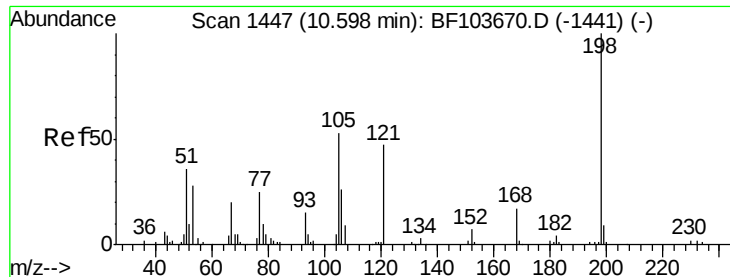
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 379948 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 11.6  | 8.5   | 12.7   |
| 80        | 12.4  | 9.2   | 13.8   |

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64  
4,6-Dinitro-2-methylphenol  
Concen: 13.375 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

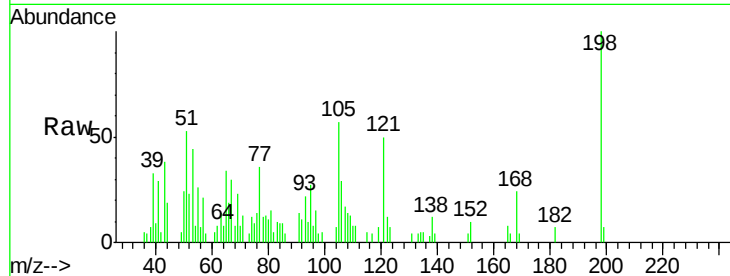
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 53.0  | 37.7  | 77.7  |
| 105     | 56.6  | 36.3  | 76.3  |

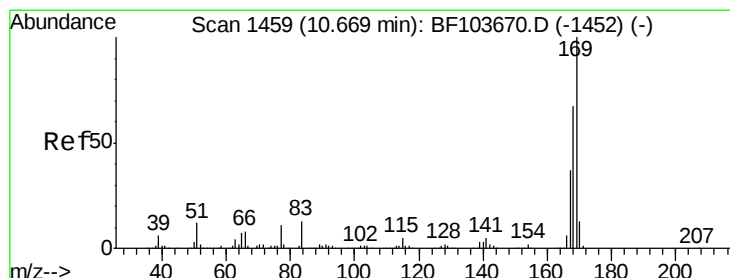
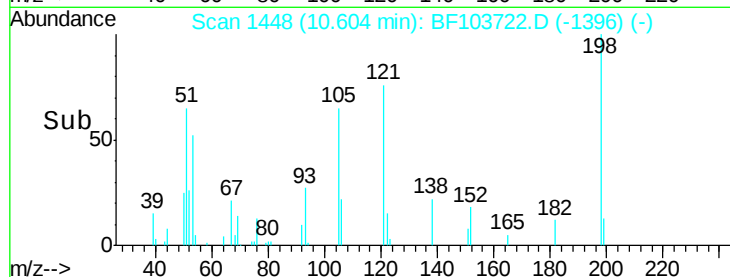
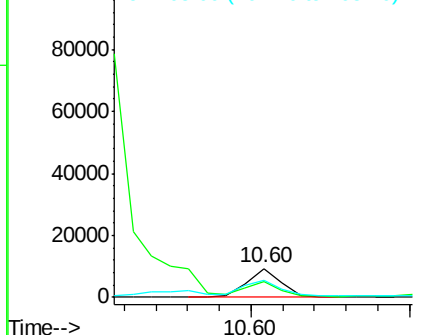
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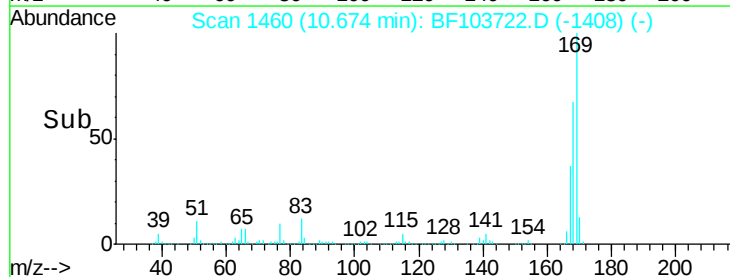
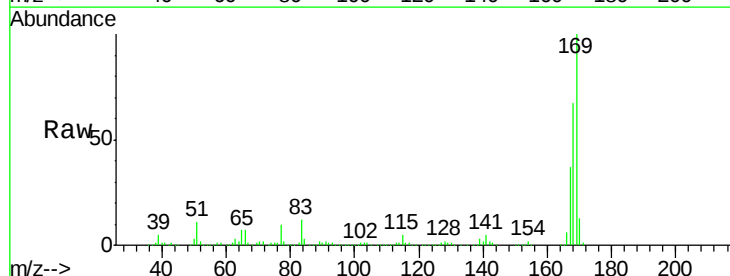
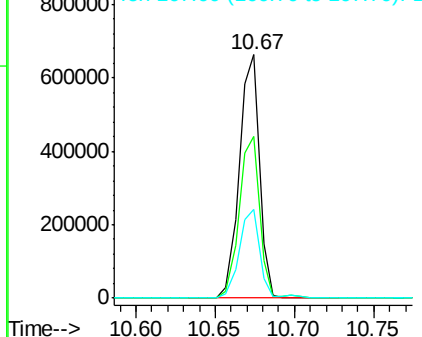
Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF1  
Ion 105.00 (104.70 to 105.70): E

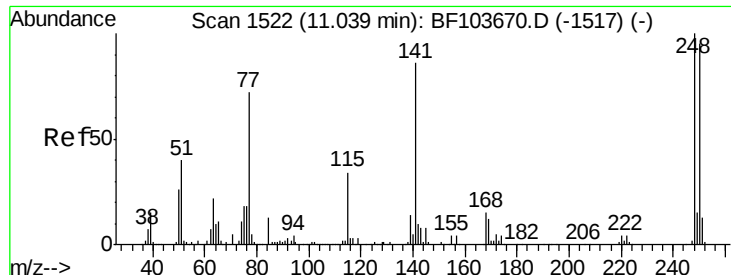


#65  
n-Nitrosodiphenylamine  
Concen: 45.158 ng  
RT: 10.67 min Scan# 1460  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.7  | 54.4  | 81.6  |
| 167     | 36.5  | 29.8  | 44.6  |

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





#66  
 4-Bromophenyl-phenylether  
 Concen: 46.387 ng  
 RT: 11.05 min Scan# 1523  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

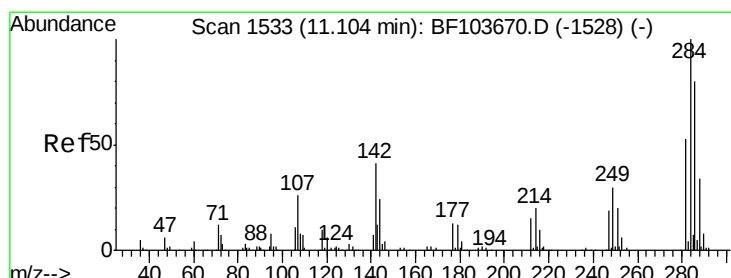
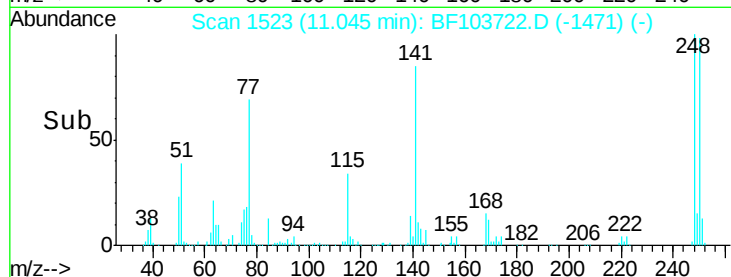
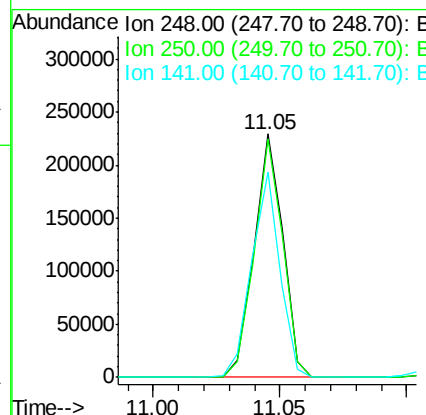
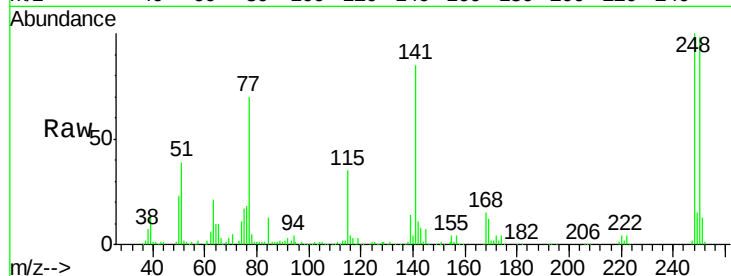
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 180960 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 98.2  | 76.9  | 115.3  |
| 141       | 84.5  | 74.4  | 111.6  |

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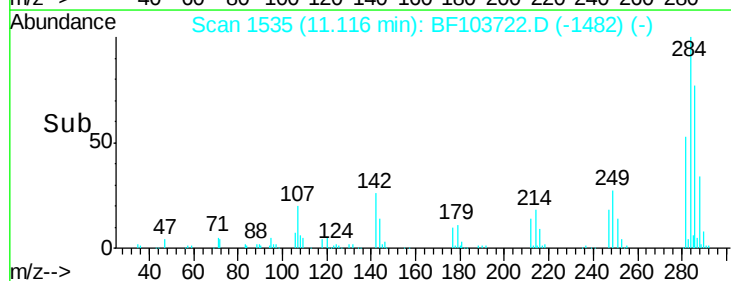
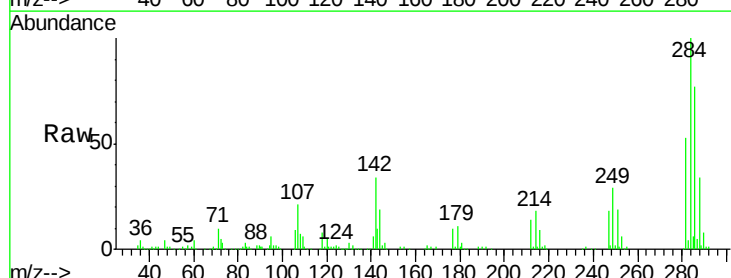
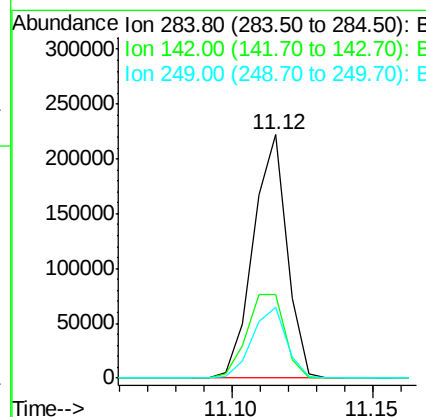
Sohil

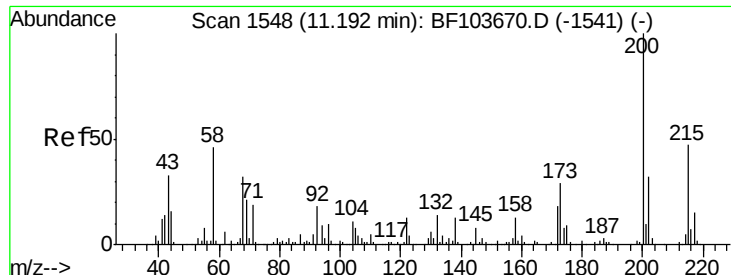
3/19/2018 2:03:00 PM



#67  
 Hexachlorobenzene  
 Concen: 41.358 ng  
 RT: 11.12 min Scan# 1535  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 184144 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 34.3  | 34.6  | 52.0#  |
| 249       | 29.1  | 24.8  | 37.2   |





#68  
Atrazine  
Concen: 43.636 ng  
RT: 11.20 min Scan# 1549  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

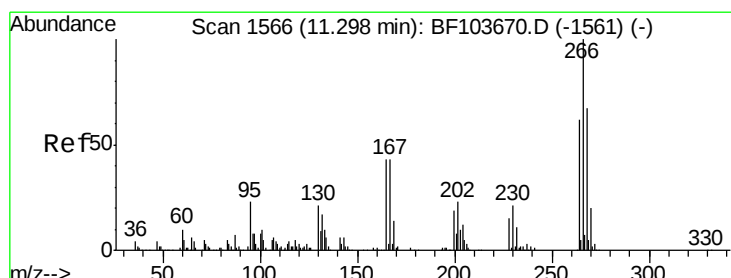
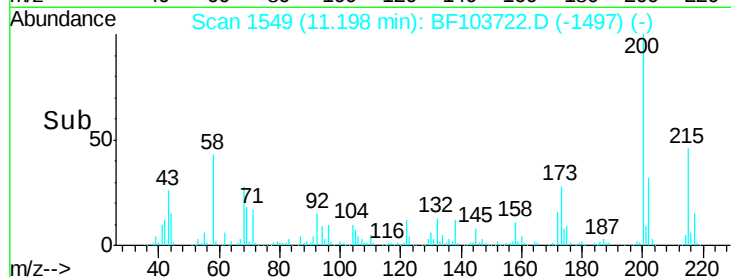
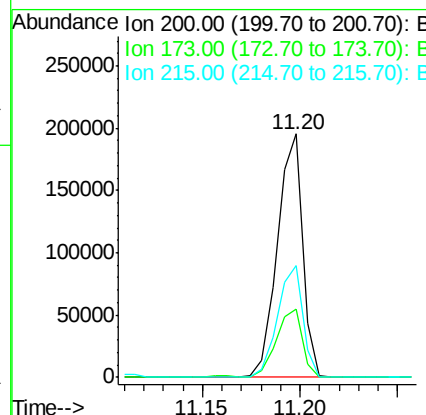
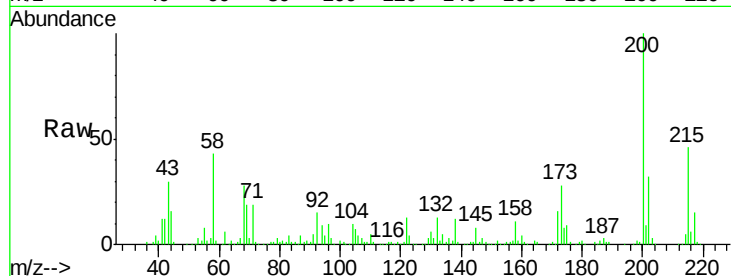
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 28.0  | 8.6        | 48.6       |
| 215     | 45.7  | 25.1       | 65.1       |

Manual Integrations  
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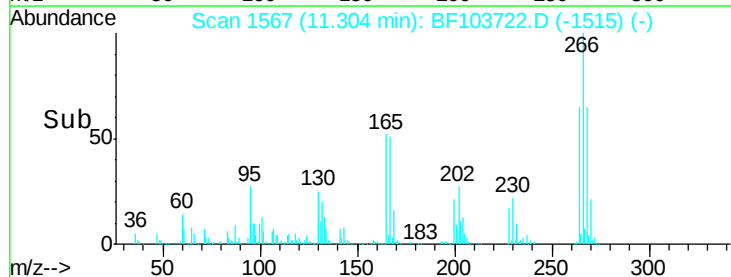
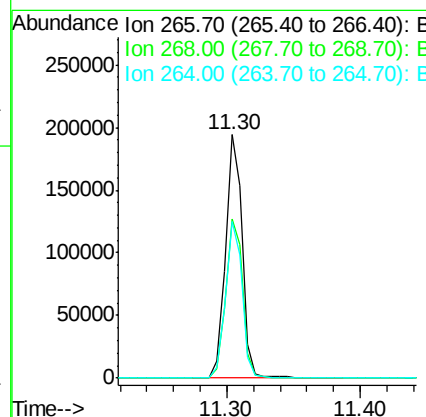
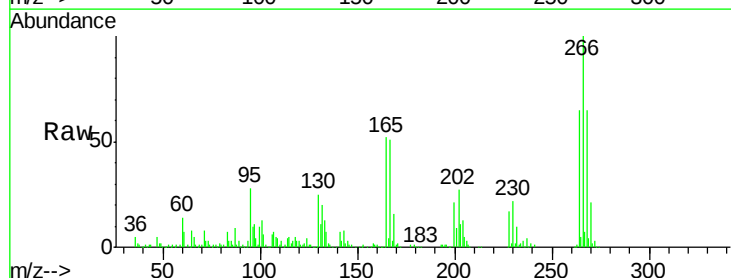
Sohil

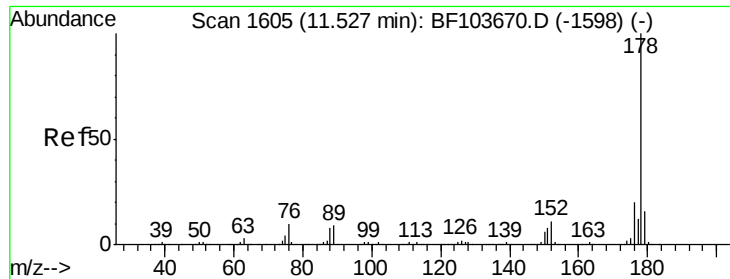
3/19/2018 2:03:00 PM



#69  
Pentachlorophenol  
Concen: 66.677 ng  
RT: 11.30 min Scan# 1567  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 65.4  | 51.1       | 76.7       |
| 264     | 64.6  | 49.5       | 74.3       |





#70  
Phenanthrene  
Concen: 40.197 ng  
RT: 11.53 min Scan# 1606  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

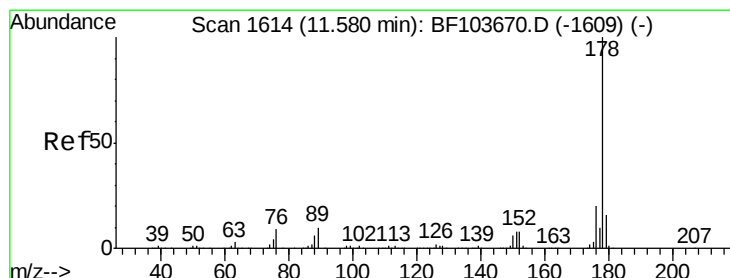
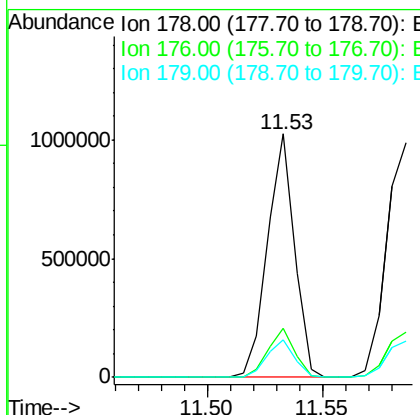
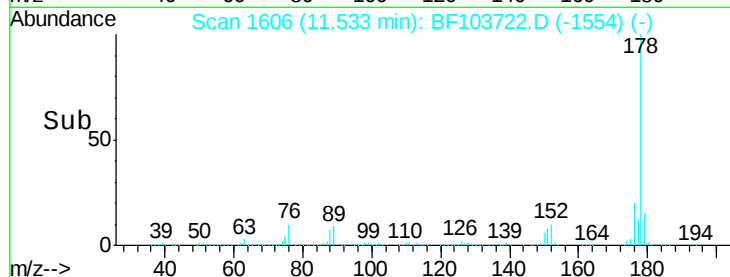
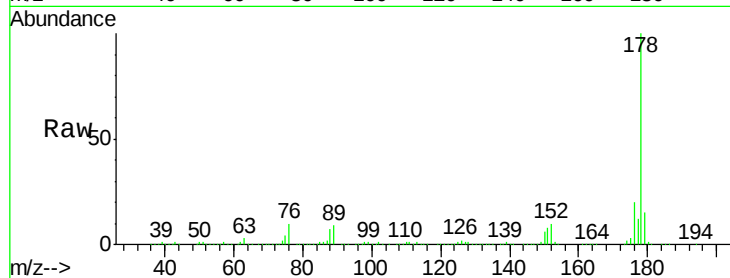
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.8  | 23.8  |
| 179     | 15.5  | 13.0  | 19.6  |

Manual Integrations  
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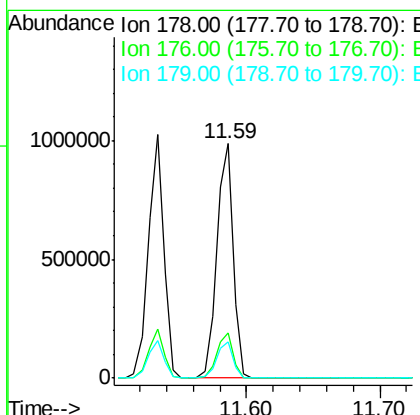
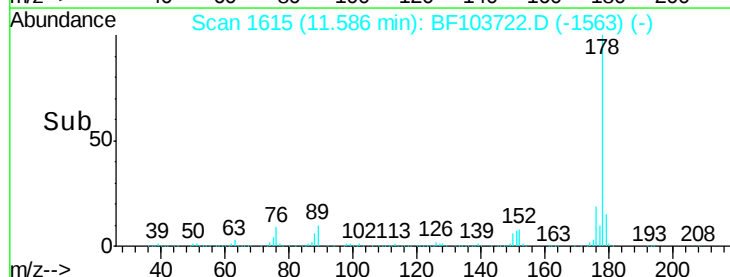
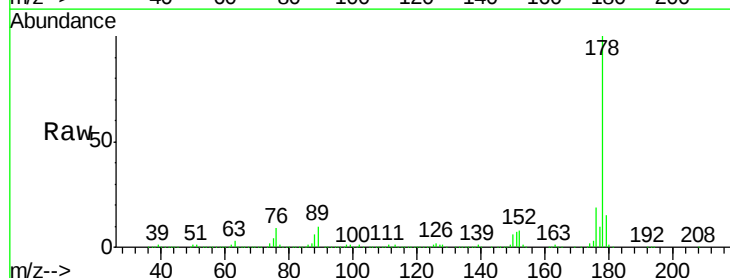
Sohil

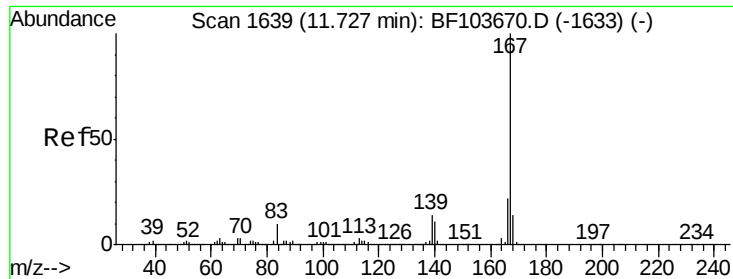
3/19/2018 2:03:00 PM



#71  
Anthracene  
Concen: 40.456 ng  
RT: 11.59 min Scan# 1615  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.4  | 23.2  |
| 179     | 15.2  | 12.6  | 19.0  |





#72  
 Carbazole  
 Concen: 37.106 ng  
 RT: 11.74 min Scan# 1641  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

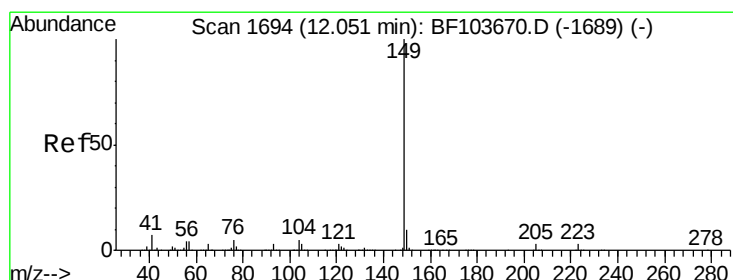
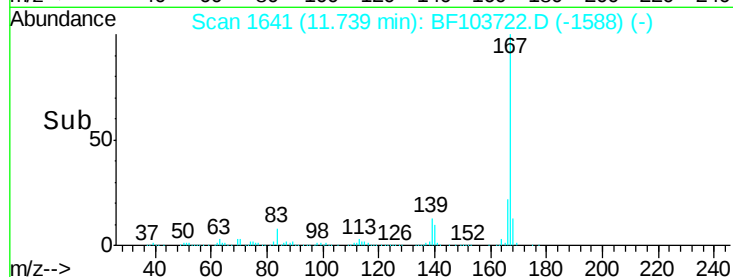
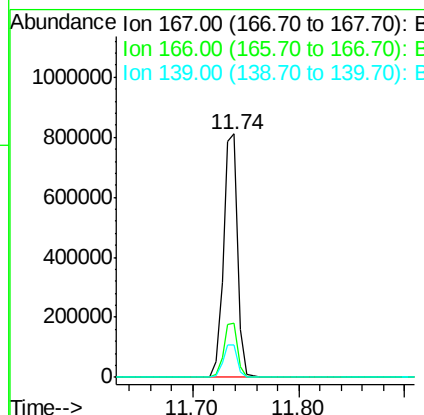
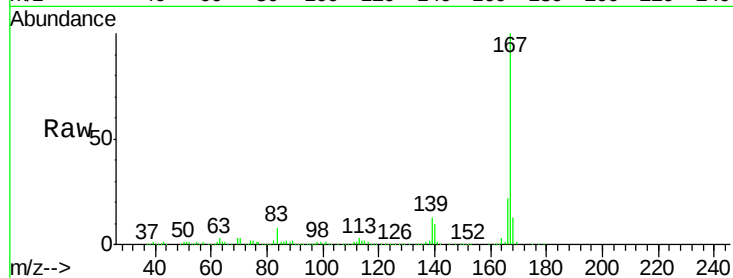
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.6  | 26.4  |
| 139     | 13.2  | 10.9  | 16.3  |

Manual Integrations  
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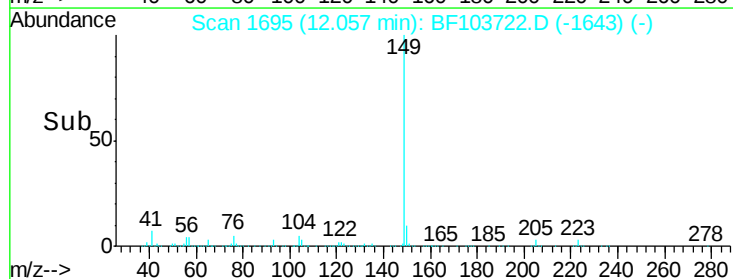
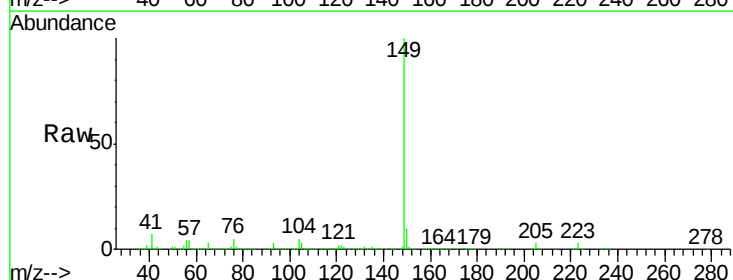
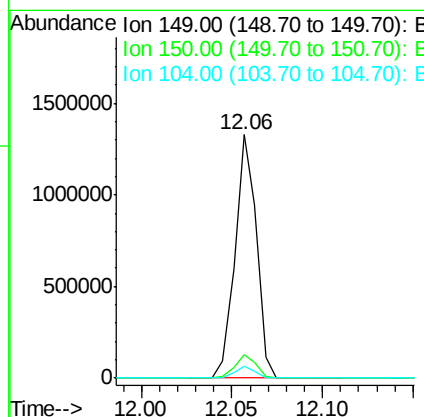
Sohil

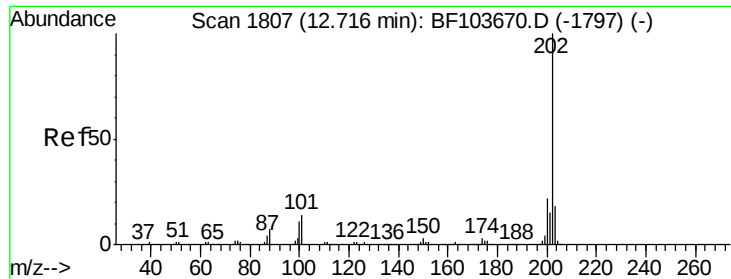
3/19/2018 2:03:00 PM



#73  
 Di-n-butylphthalate  
 Concen: 44.145 ng  
 RT: 12.06 min Scan# 1695  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 7.8   | 11.6  |
| 104     | 5.0   | 3.8   | 5.8   |





#74

Fluoranthene

Concen: 38.197 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

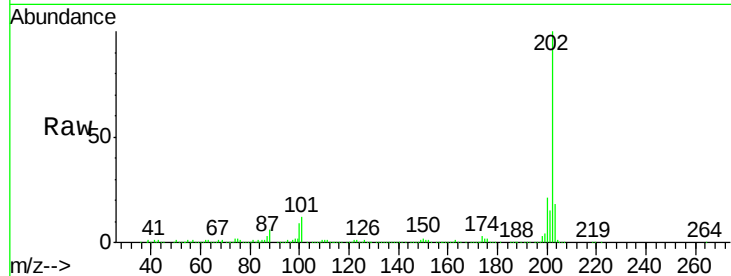
P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 12.1  | 0.0        | 34.1  |
| 203     | 17.5  | 0.0        | 38.1  |

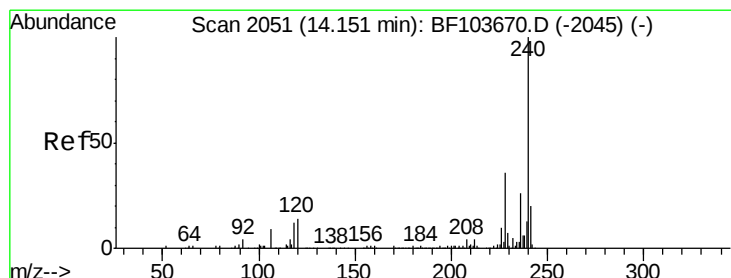
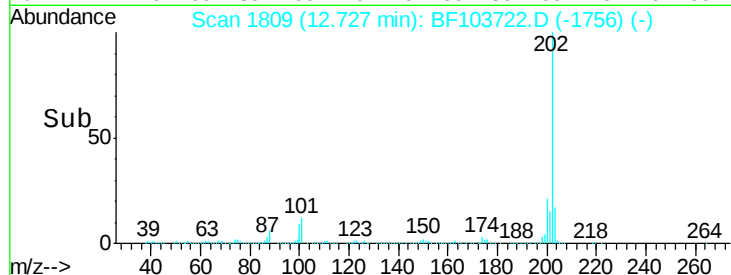
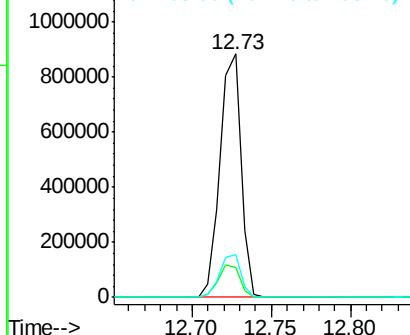
Manual Integrations  
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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

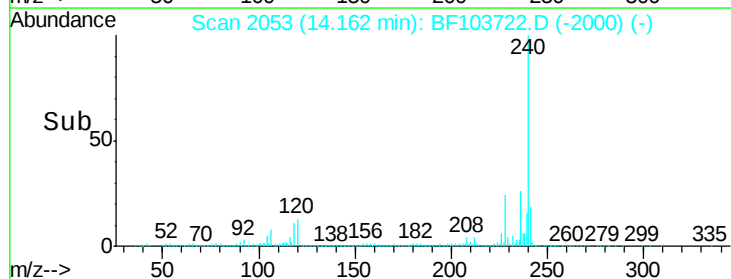
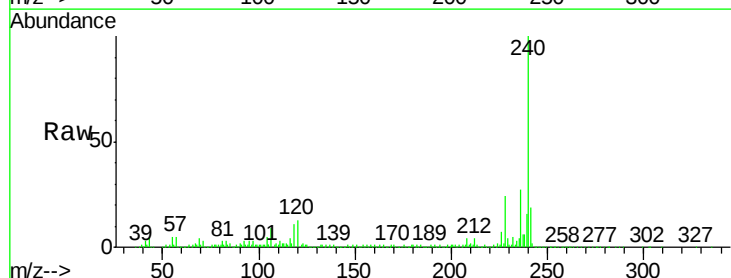
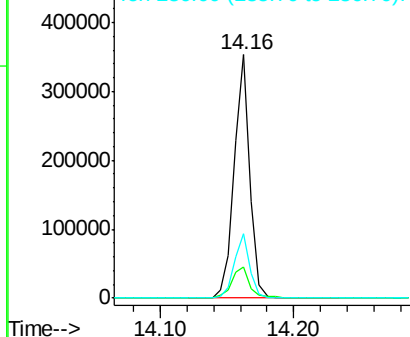
Delta R.T. 0.01 min

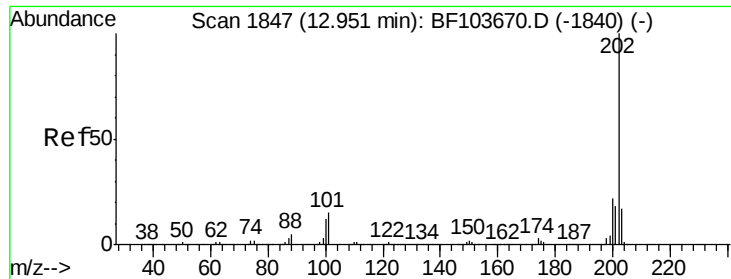
Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 12.9  | 9.5        | 14.3  |
| 236     | 26.5  | 20.7       | 31.1  |

Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77  
Pvrene  
Concen: 38.920 ng  
RT: 12.96 min Scan# 1848  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

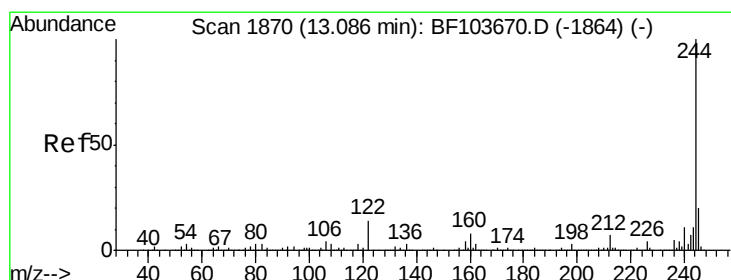
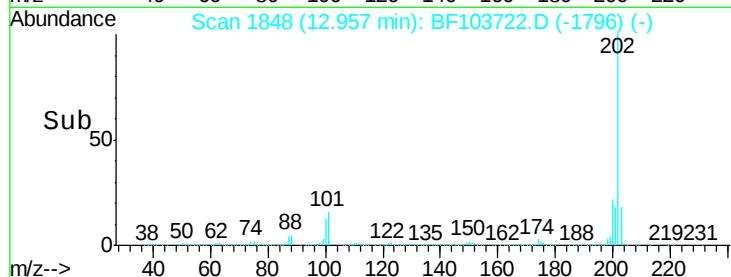
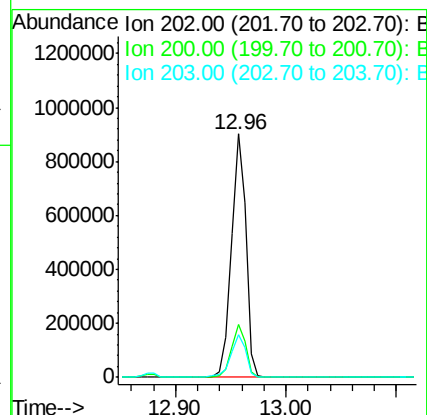
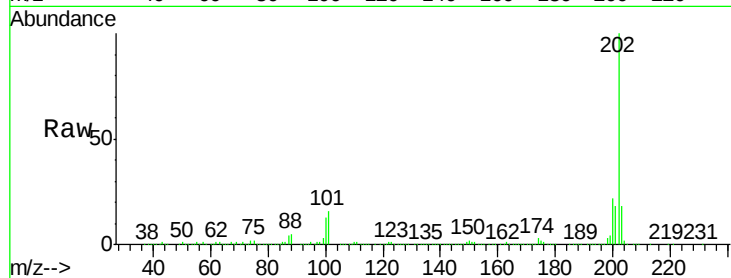
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.7  | 17.4  | 26.2  |
| 203     | 17.6  | 14.3  | 21.5  |

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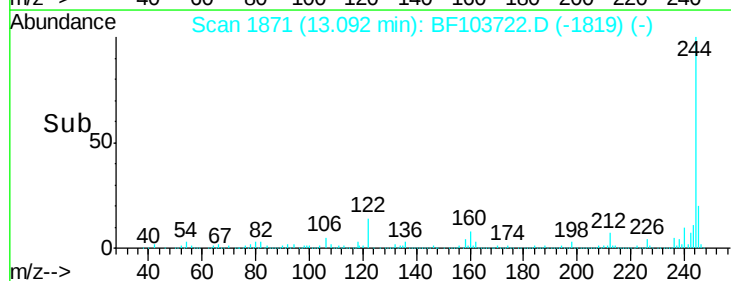
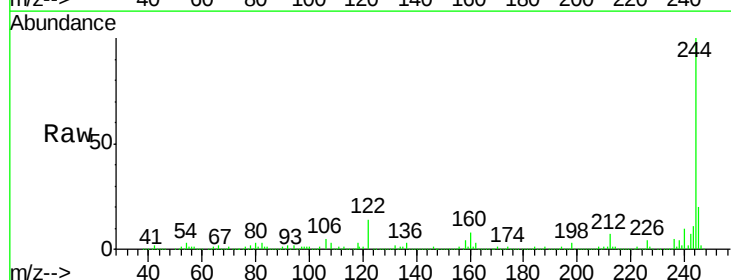
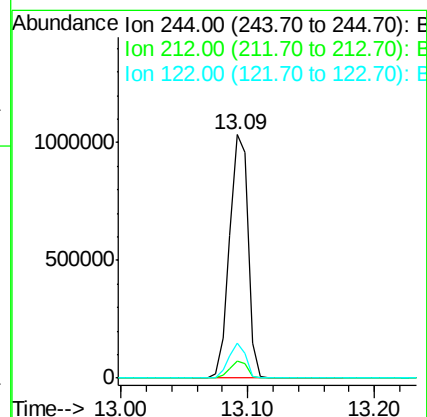
Sohil

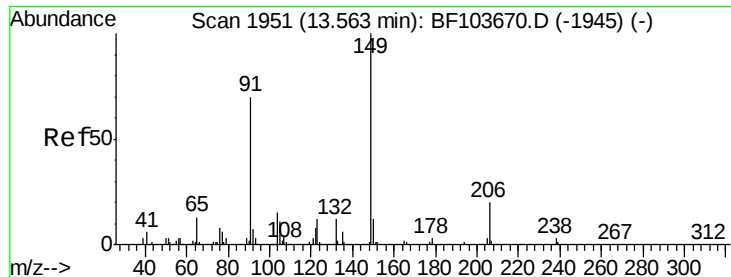
3/19/2018 2:03:00 PM



#78  
Terphenyl-d14  
Concen: 83.092 ng  
RT: 13.09 min Scan# 1871  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.4   | 8.0   |
| 122     | 14.4  | 11.0  | 16.4  |





#79  
Butylbenzylphthalate  
Concen: 44.380 ng  
RT: 13.56 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

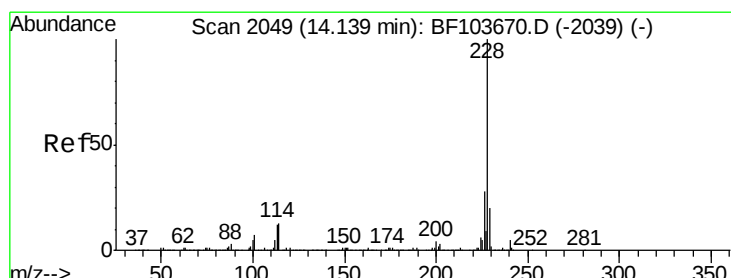
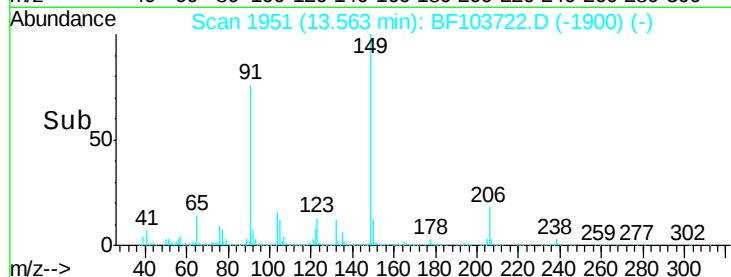
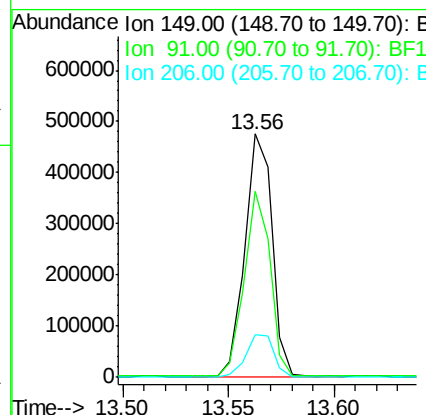
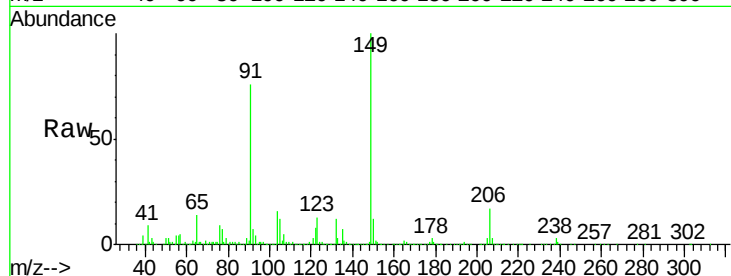
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.2  | 56.8  | 85.2  |
| 206     | 17.5  | 14.1  | 21.1  |

Manual Integrations  
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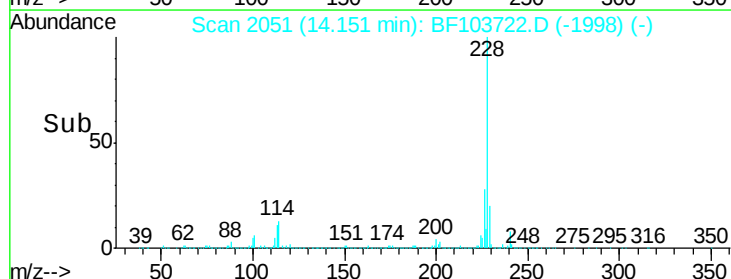
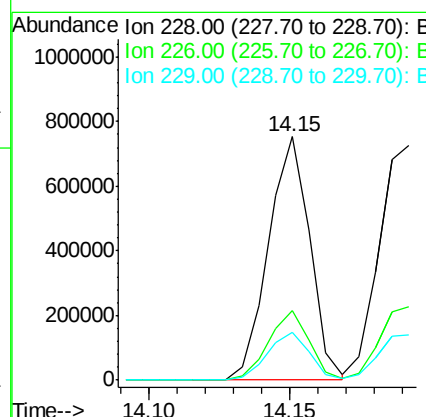
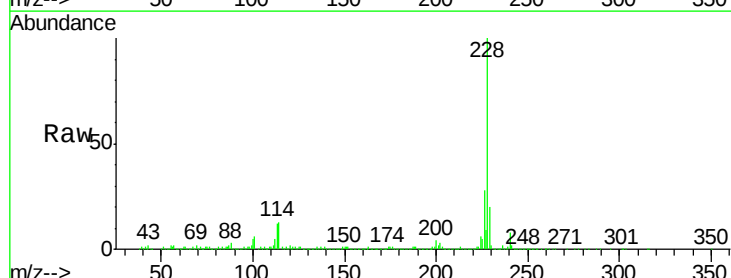
Sohil

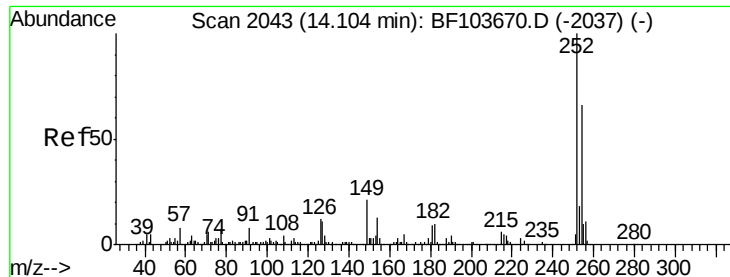
3/19/2018 2:03:00 PM



#80  
Benzo(a)anthracene  
Concen: 41.507 ng  
RT: 14.15 min Scan# 2051  
Delta R.T. 0.01 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.4  | 22.6  | 33.8  |
| 229     | 19.8  | 15.8  | 23.6  |





#81  
 3,3'-Dichlorobenzidine  
 Concen: 11.024 ng  
 RT: 14.10 min Scan# 2043  
 Delta R.T. -0.00 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

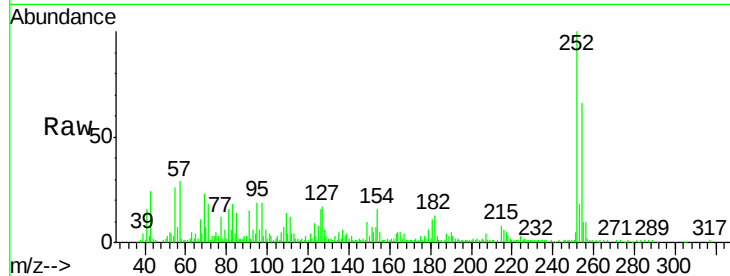
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.2  | 50.4  | 75.6  |
| 126     | 16.4  | 11.3  | 16.9  |

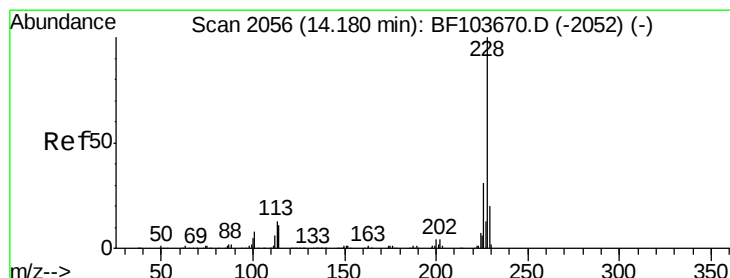
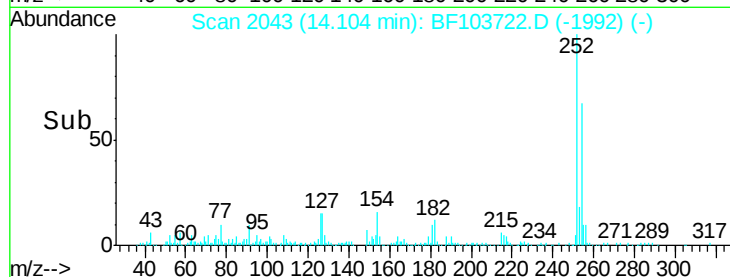
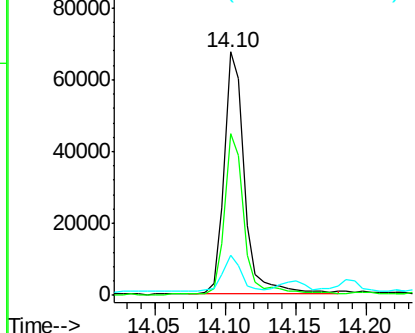
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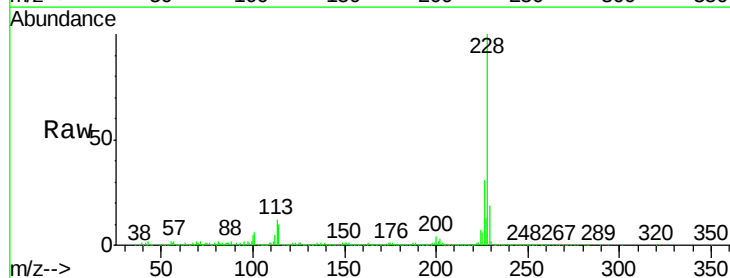


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

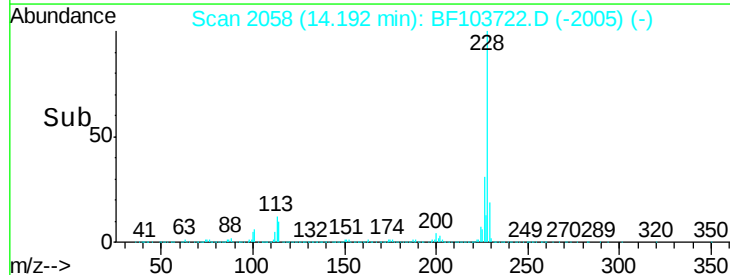
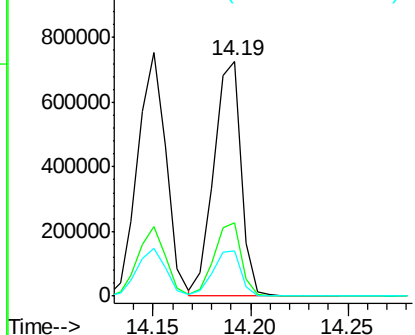


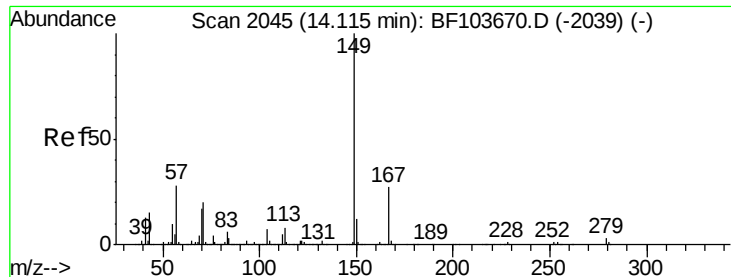
#82  
 Chrysene  
 Concen: 40.099 ng  
 RT: 14.19 min Scan# 2058  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 25.0  | 37.6  |
| 229     | 19.4  | 16.2  | 24.4  |



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.983 ng  
 RT: 14.12 min Scan# 2046  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

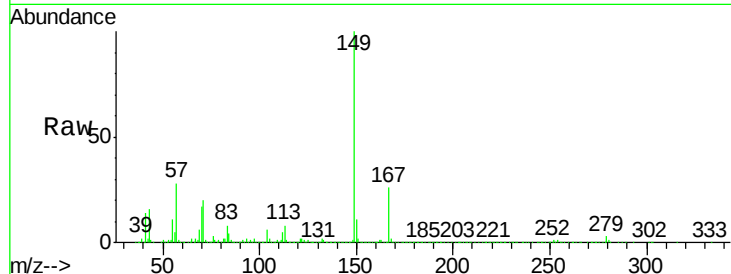
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P002-S001-0001-01MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 621381 |       |       |
| 167     | 26.1  | 21.3   | 31.9  |       |
| 279     | 2.9   | 3.0    | 4.4#  |       |

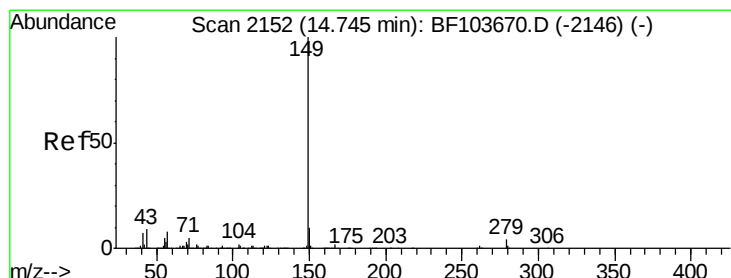
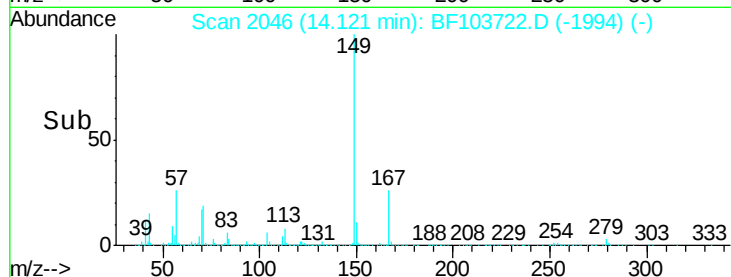
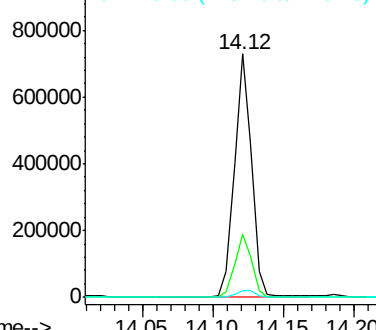
Manual Integrations  
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Sohil

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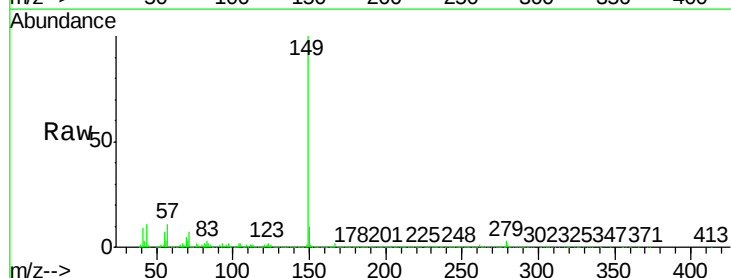


Abundance Ion 149.00 (148.70 to 149.70): E  
 1000000  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

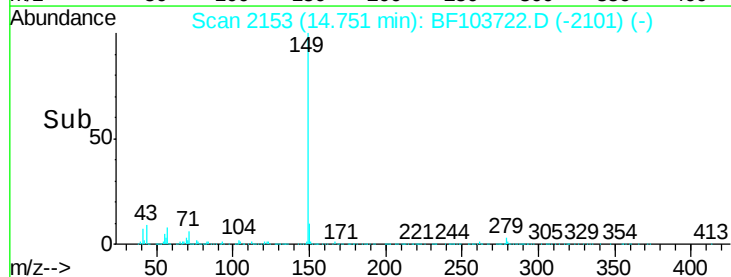
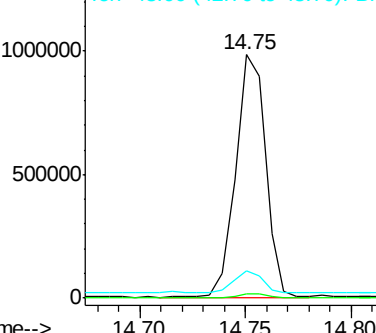


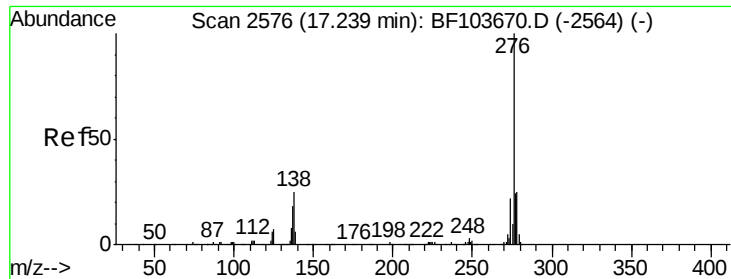
#84  
 Di-n-octyl phthalate  
 Concen: 49.245 ng  
 RT: 14.75 min Scan# 2153  
 Delta R.T. 0.01 min  
 Lab File: BF103722.D  
 Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 968122 |       |       |
| 167     | 1.5   | 1.2    | 1.8   |       |
| 43      | 9.4   | 8.4    | 12.6  |       |



Abundance Ion 149.00 (148.70 to 149.70): E  
 1000000  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BF1





#85  
Indeno(1,2,3-cd)pyrene  
Concen: 34.728 ng  
RT: 17.28 min Scan# 2583  
Delta R.T. 0.04 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

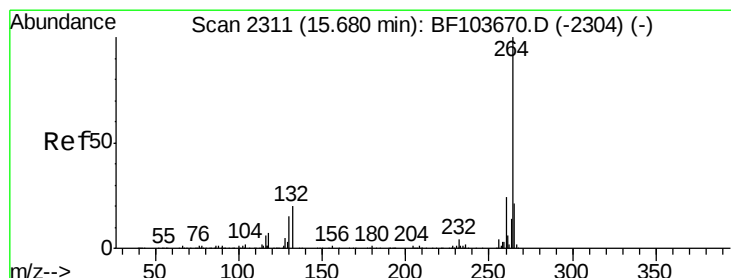
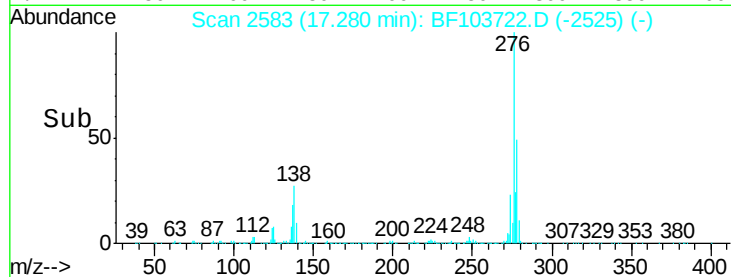
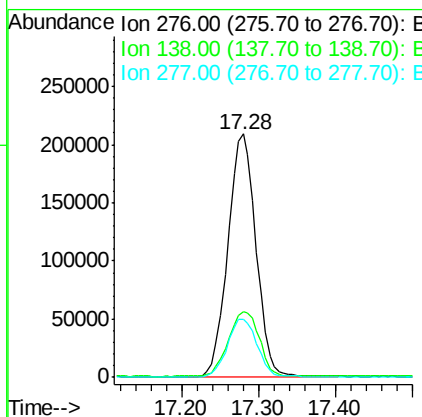
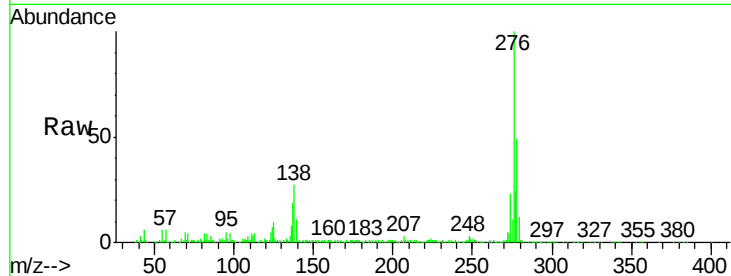
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 29.4  | 25.0  | 37.6  |
| 277     | 25.2  | 20.1  | 30.1  |

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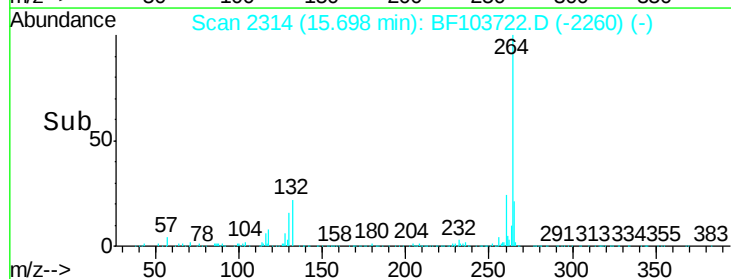
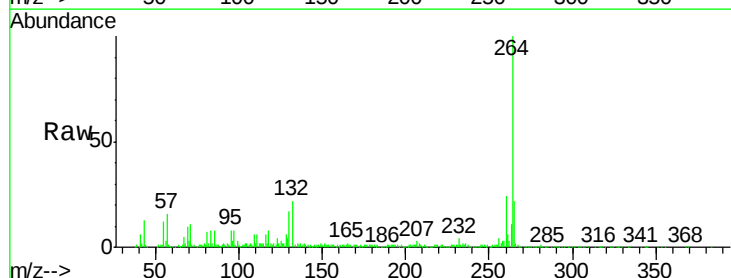
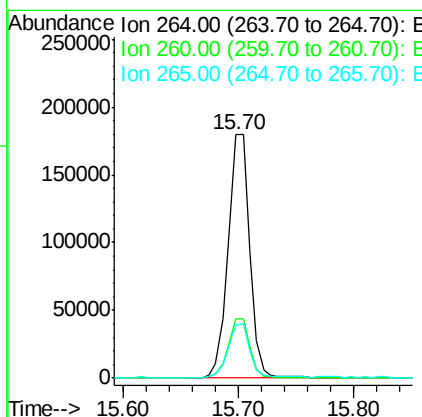
Sohil

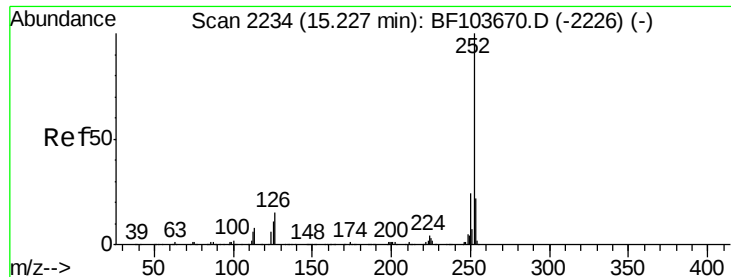
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.70 min Scan# 2314  
Delta R.T. 0.02 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 19.2  | 28.8  |
| 265     | 21.6  | 17.5  | 26.3  |





#87

Benzo(b)fluoranthene

Concen: 43.843 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

Instrument :

BNA\_F

ClientSampleId :

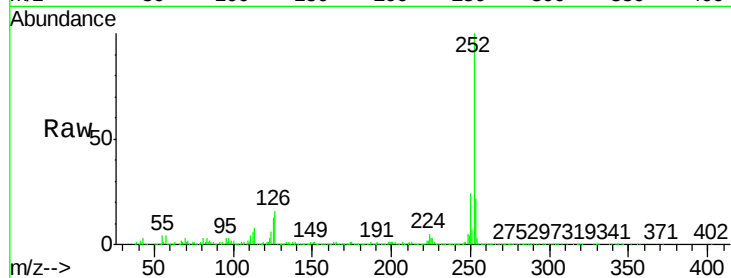
P002-S001-0001-01MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 641479 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.8  | 17.0  | 25.6   |
| 125       | 13.2  | 9.0   | 13.6   |

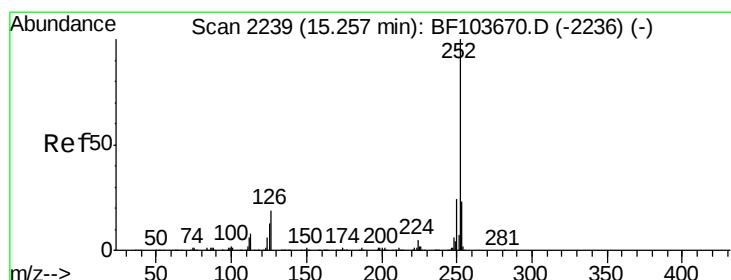
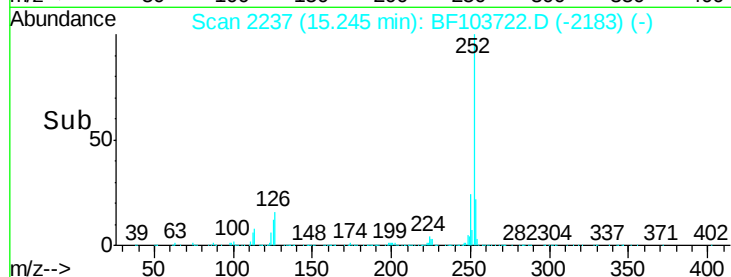
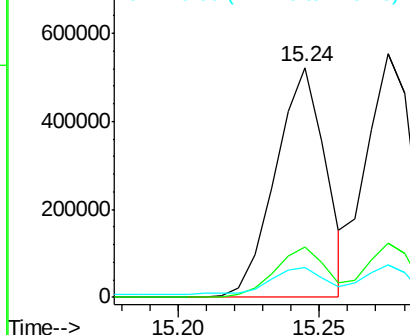
Manual Integrations  
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.094 ng

RT: 15.27 min Scan# 2242

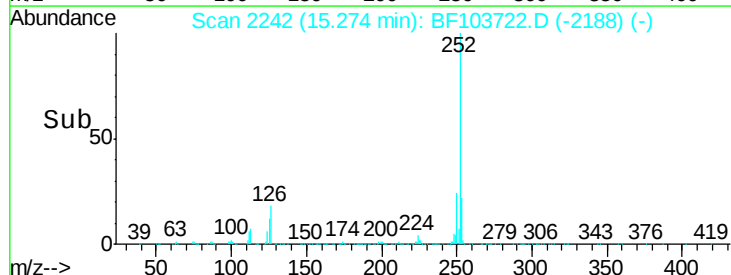
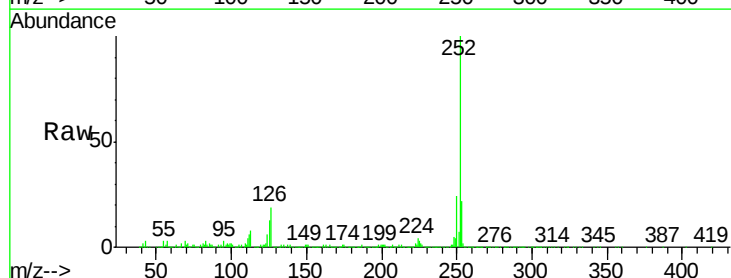
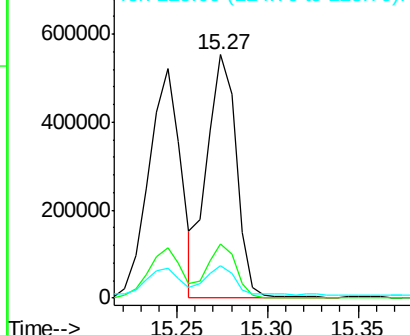
Delta R.T. 0.02 min

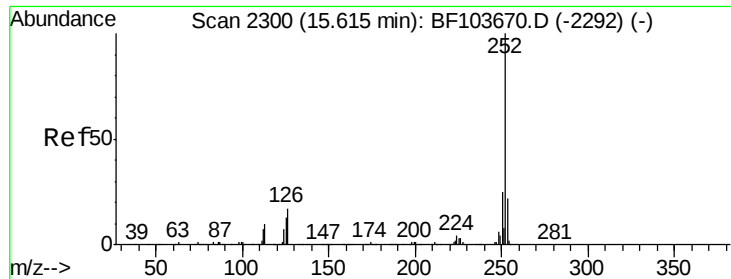
Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 620171 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.3  | 17.9  | 26.9   |
| 125       | 13.5  | 10.2  | 15.2   |

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





#89  
Benzo(a)pyrene  
Concen: 42.389 ng  
RT: 15.64 min Scan# 2304  
Delta R.T. 0.02 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

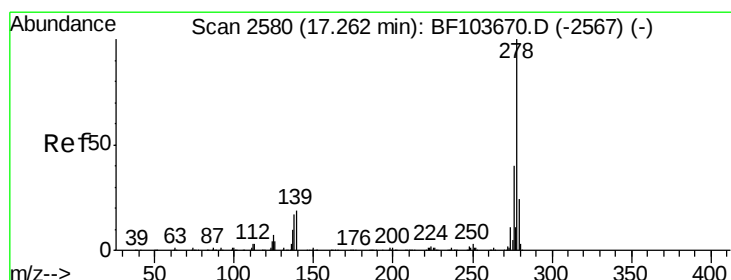
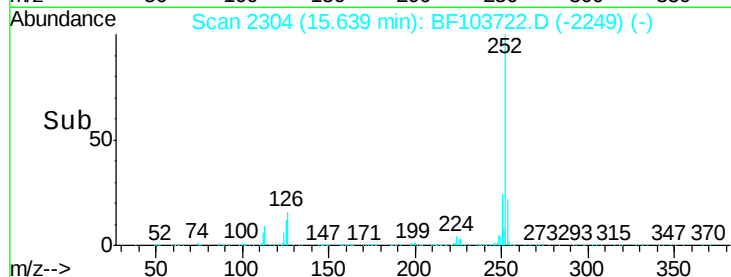
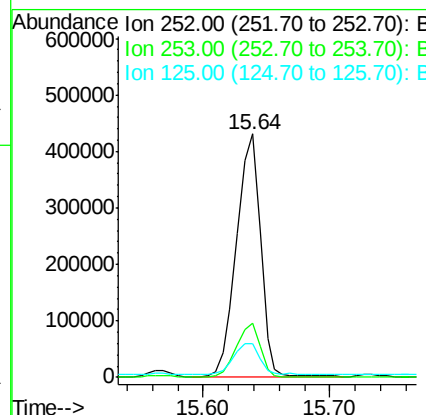
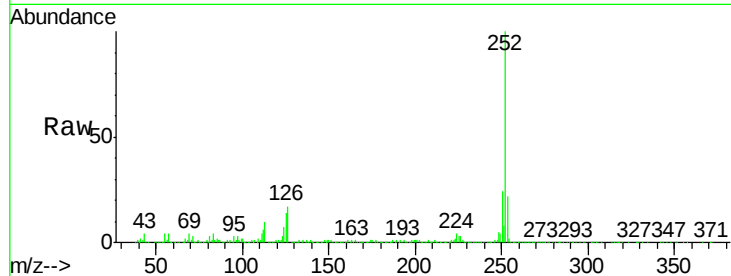
Instrument :  
BNA\_F  
ClientSampleId :  
P002-S001-0001-01MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 13.9  | 9.8   | 14.6  |

Manual Integrations  
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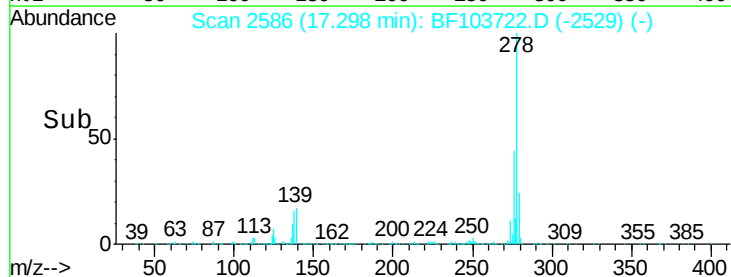
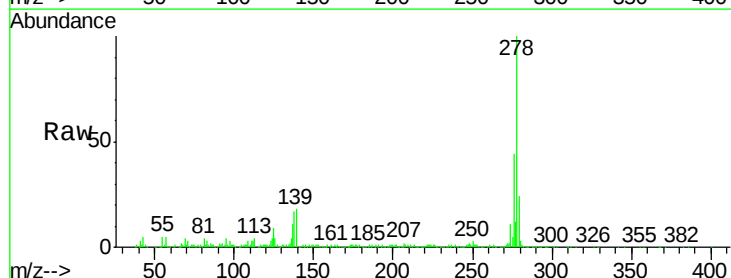
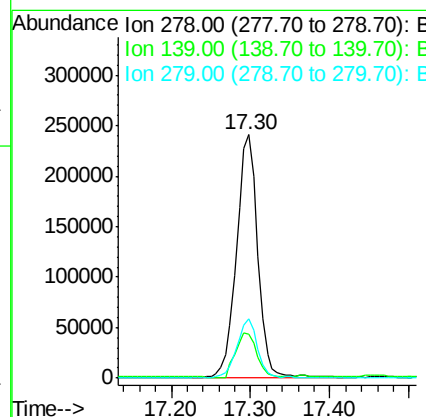
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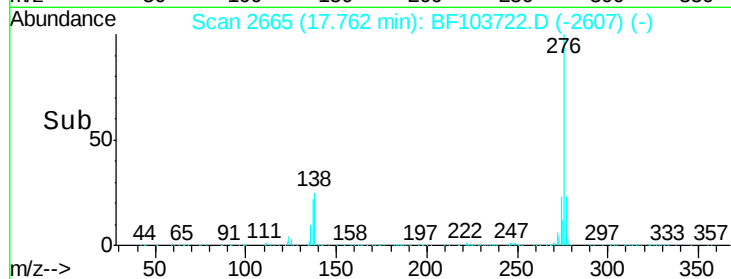
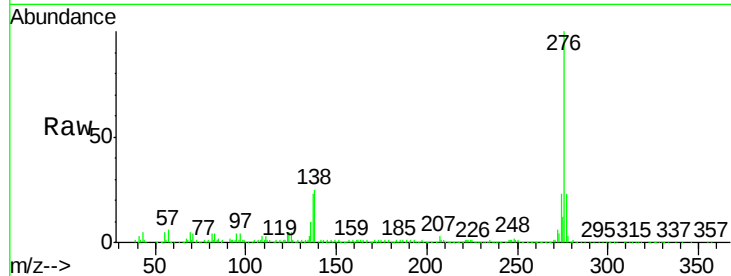
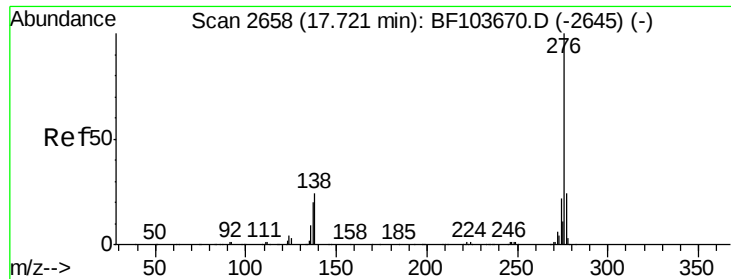
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#90  
Dibenzo(a,h)anthracene  
Concen: 38.910 ng  
RT: 17.30 min Scan# 2586  
Delta R.T. 0.04 min  
Lab File: BF103722.D  
Acq: 17 Mar 2018 2:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.1  | 15.9  | 23.9  |
| 279     | 24.3  | 19.0  | 28.4  |





#91

Benzo(a,h,i)perylene

Concen: 38.935 ng

RT: 17.76 min Scan# 2665

Delta R.T. 0.04 min

Lab File: BF103722.D

Acq: 17 Mar 2018 2:53

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 435253 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.4 | 17.9  | 26.9   |
| 138       | 25.4 | 21.8  | 32.8   |

Instrument :

BNA\_F

ClientSampleId :

P002-S001-0001-01MSD

Manual Integrations  
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Sohil

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