

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\  
 Data File : BN000714.D  
 Acq On : 09 Apr 2018 17:59  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 4/10/2018 3:38:22 PM

Quant Time: Apr 10 04:53:52 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 09 13:41:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.63  | 152  | 180741   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.40 | 136  | 807563   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.27 | 164  | 443245   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.02 | 188  | 908229   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.23 | 240  | 842741   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.42 | 264  | 773062   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.26  | 112 | 957906  | 78.26 | ng | 0.00 |
| 7) Phenol-d6             | 6.82  | 99  | 1363342 | 81.81 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.78  | 82  | 1264546 | 82.86 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.76 | 330 | 378641  | 86.89 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.89 | 172 | 2393762 | 74.43 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.67 | 244 | 2920538 | 75.70 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 206876  | 36.839 | ng | 96     |
| 3) Pyridine                    | 3.63  | 79  | 610546  | 40.283 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.55  | 42  | 167021  | 40.686 | ng | # 81   |
| 6) Aniline                     | 6.98  | 93  | 902708  | 40.583 | ng | 94     |
| 8) 2-Chlorophenol              | 7.20  | 128 | 504053  | 39.869 | ng | 91     |
| 9) Benzaldehyde                | 6.79  | 77  | 321550  | 38.042 | ng | 95     |
| 10) Phenol                     | 6.85  | 94  | 712388  | 40.205 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 7.08  | 93  | 579700  | 39.822 | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 7.53  | 146 | 564547  | 38.528 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.67  | 146 | 573744  | 38.651 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.98  | 146 | 555445  | 38.968 | ng | 96     |
| 15) Benzyl Alcohol             | 7.88  | 79  | 496235  | 43.720 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.17  | 45  | 628307  | 39.786 | ng | 80     |
| 17) 2-Methylphenol             | 8.08  | 107 | 493446  | 41.767 | ng | 96     |
| 18) Hexachloroethane           | 8.70  | 117 | 218980  | 40.024 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 8.45  | 70  | 452151  | 43.409 | ng | # 83   |
| 20) 3+4-Methylphenols          | 8.40  | 107 | 689321  | 42.510 | ng | 93     |
| 22) Acetophenone               | 8.45  | 105 | 927188  | 39.875 | ng | # 88   |
| 24) Nitrobenzene               | 8.82  | 77  | 673326  | 40.633 | ng | # 96   |
| 25) Isophorone                 | 9.35  | 82  | 1208524 | 42.898 | ng | 99     |
| 26) 2-Nitrophenol              | 9.52  | 139 | 273803  | 41.742 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.59  | 122 | 460503  | 41.214 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 9.83  | 93  | 748667  | 40.392 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.05 | 162 | 450772  | 41.556 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.27 | 180 | 505011  | 38.647 | ng | 98     |
| 31) Naphthalene                | 10.45 | 128 | 1695782 | 38.863 | ng | 98     |
| 32) Benzoic acid               | 9.76  | 122 | 411798  | 41.121 | ng | 95     |
| 33) 4-Chloroaniline            | 10.56 | 127 | 733477  | 41.358 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.75 | 225 | 271058  | 38.566 | ng | 96     |
| 35) Caprolactam                | 11.35 | 113 | 168792  | 47.679 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.69 | 107 | 565558  | 43.820 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.07 | 142 | 1147786 | 40.196 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.45 | 216 | 511178  | 37.506 | ng | # 97   |
| 40) Hexachlorocyclopentadiene  | 12.43 | 237 | 299770  | 39.439 | ng | 92     |

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040918\  
 Data File : BN000714.D  
 Acq On : 09 Apr 2018 17:59  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleID :  
 SSTDC0040

Manual Integrations  
 APPROVED

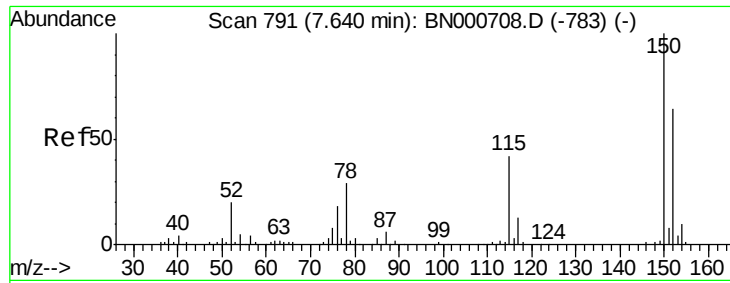
Sohil  
 4/10/2018 3:38:22 PM

Quant Time: Apr 10 04:53:52 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN040918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 09 13:41:40 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 12.69 | 196  | 331234   | 41.102 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 12.76 | 196  | 381451   | 40.727 | nq    | # 94     |
| 45) 1,1'-Biphenyl              | 13.10 | 154  | 1513479  | 38.035 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.13 | 162  | 1134552  | 37.939 | nq    | 96       |
| 47) 2-Nitroaniline             | 13.34 | 65   | 369087   | 43.517 | nq    | 90       |
| 48) Acenaphthylene             | 13.99 | 152  | 1875726  | 39.806 | nq    | 98       |
| 49) Dimethylphthalate          | 13.74 | 163  | 1445101  | 40.956 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.85 | 165  | 306775   | 41.988 | nq    | 93       |
| 51) Acenaphthene               | 14.33 | 154  | 1122891  | 38.566 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.17 | 138  | 361048   | 43.149 | nq    | # 97     |
| 53) 2,4-Dinitrophenol          | 14.37 | 184  | 151067   | 42.509 | nq    | 95       |
| 54) Dibenzofuran               | 14.67 | 168  | 1617488  | 38.643 | nq    | 95       |
| 55) 4-Nitrophenol              | 14.48 | 139  | 281549   | 44.208 | nq    | 86       |
| 56) 2,4-Dinitrotoluene         | 14.64 | 165  | 418377   | 44.103 | nq    | 92       |
| 57) Fluorene                   | 15.32 | 166  | 1299608  | 39.312 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 303655m  | 41.842 | nq    |          |
| 59) Diethylphthalate           | 15.12 | 149  | 1470443  | 42.406 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204  | 594858   | 38.489 | nq    | 93       |
| 61) 4-Nitroaniline             | 15.35 | 138  | 366988   | 44.997 | nq    | 94       |
| 62) Azobenzene                 | 15.62 | 77   | 1579556  | 41.275 | nq    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.40 | 198  | 234670   | 43.363 | nq    | 88       |
| 65) n-Nitrosodiphenylamine     | 15.54 | 169  | 1175807  | 38.794 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.22 | 248  | 352906   | 38.859 | nq    | # 86     |
| 67) Hexachlorobenzene          | 16.32 | 284  | 407729   | 38.885 | nq    | # 91     |
| 68) Atrazine                   | 16.50 | 200  | 370277   | 44.151 | nq    | 95       |
| 69) Pentachlorophenol          | 16.66 | 266  | 283645   | 41.661 | nq    | 99       |
| 70) Phenanthrene               | 17.06 | 178  | 2031270  | 38.479 | nq    | 99       |
| 71) Anthracene                 | 17.15 | 178  | 2034607  | 39.517 | nq    | 99       |
| 72) Carbazole                  | 17.42 | 167  | 1994849  | 40.895 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.01 | 149  | 2468199  | 43.515 | nq    | 99       |
| 74) Fluoranthene               | 19.08 | 202  | 2177807  | 41.217 | nq    | 92       |
| 76) Benzidine                  | 19.27 | 184  | 1101981  | 47.835 | nq    | # 95     |
| 77) Pyrene                     | 19.45 | 202  | 2298954  | 38.167 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.38 | 149  | 1079838  | 41.163 | nq    | 94       |
| 80) Benzo(a)anthracene         | 21.21 | 228  | 2073354  | 39.098 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.15 | 252  | 700526   | 43.354 | nq    | # 96     |
| 82) Chrysene                   | 21.26 | 228  | 1981828  | 38.316 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 1644412  | 43.294 | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 22.06 | 149  | 2427485  | 45.582 | nq    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.27 | 276  | 1414002  | 32.157 | nq    | # 91     |
| 87) Benzo(b)fluoranthene       | 22.77 | 252  | 1894586  | 40.383 | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 22.82 | 252  | 1859922  | 39.444 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 23.33 | 252  | 1732284  | 40.420 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 25.63 | 278  | 1521729  | 36.020 | nq    | # 92     |
| 91) Benzo(g,h,i)perylene       | 26.27 | 276  | 1414002  | 34.480 | nq    | # 89     |
| -----                          |       |      |          |        |       |          |

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





#1

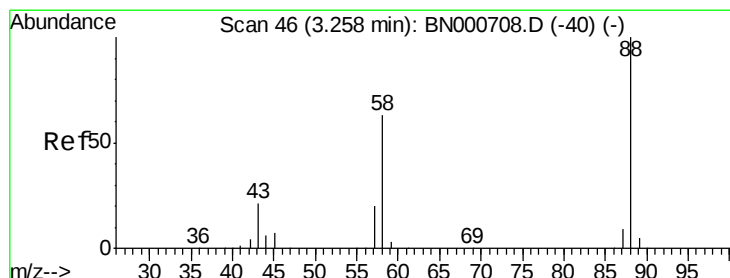
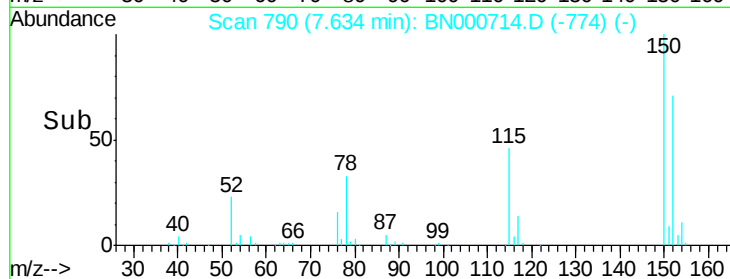
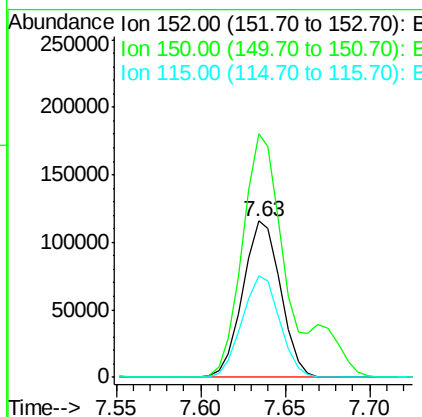
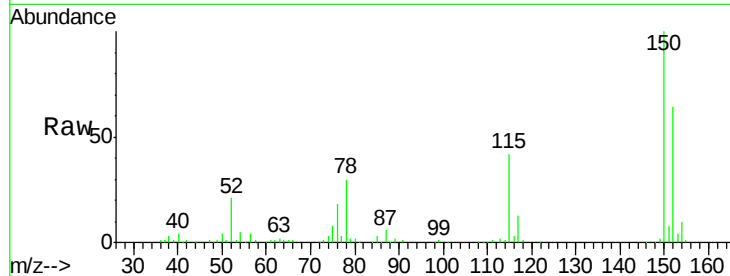
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.63 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 126.6 | 189.8 |
| 115     | 65.3  | 53.0  | 79.4  |

Manual Integrations  
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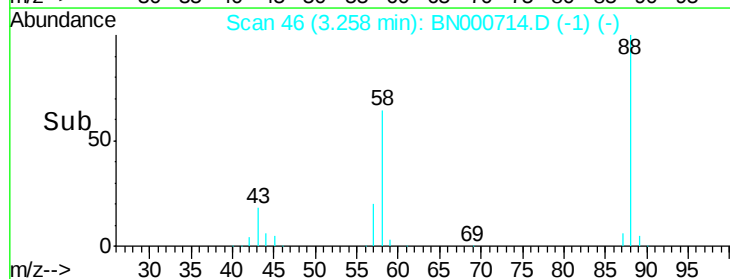
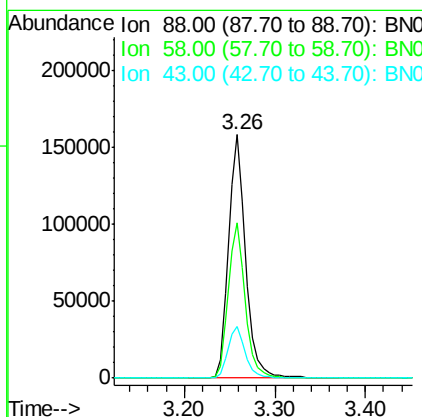
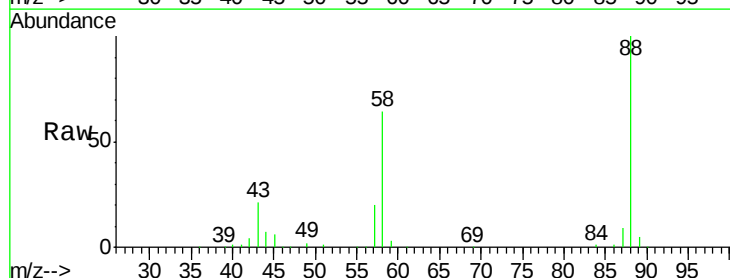
Sohil  
4/10/2018 3:38:22 PM

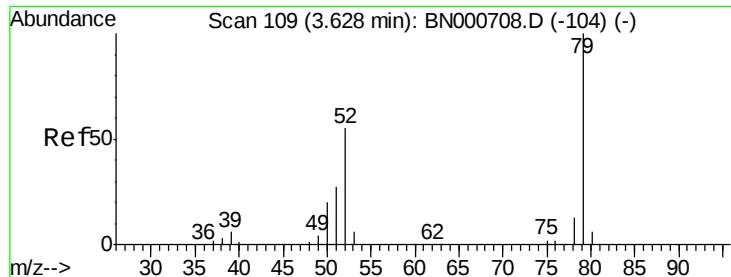


#2

1,4-Dioxane  
Concen: 36.839 ng  
RT: 3.26 min Scan# 46  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.9  | 52.0  | 78.0  |
| 43      | 21.1  | 20.0  | 30.0  |





#3

Pvridine

Concen: 40.283 ng

RT: 3.63 min Scan# 109

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

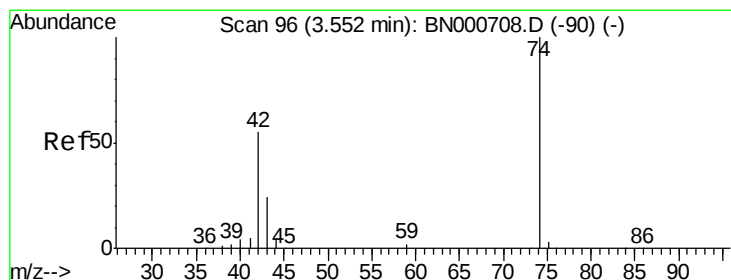
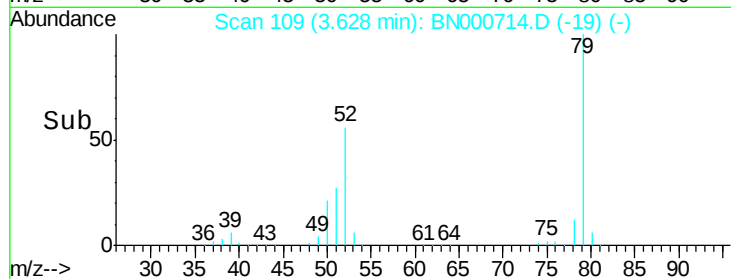
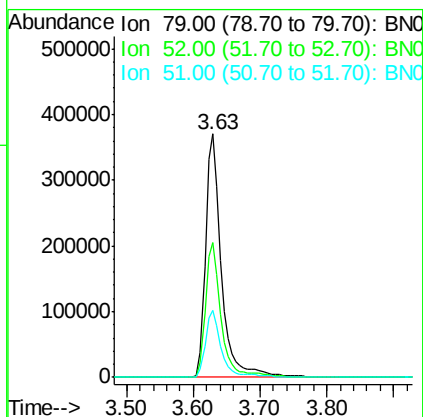
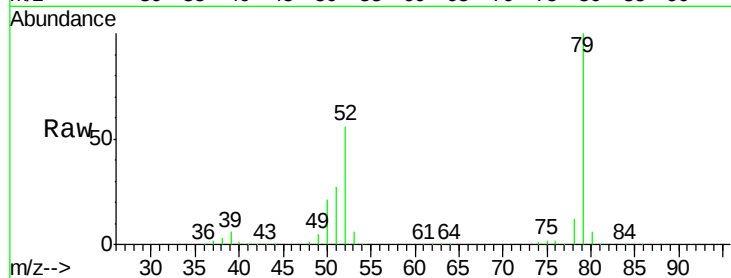
ClientSampled :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 610546 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 55.6  | 44.0  | 66.0   |
| 51       | 27.3  | 24.0  | 36.0   |

Manual Integrations  
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4/10/2018 3:38:22 PM



#4

n-Nitrosodimethylamine

Concen: 40.686 ng

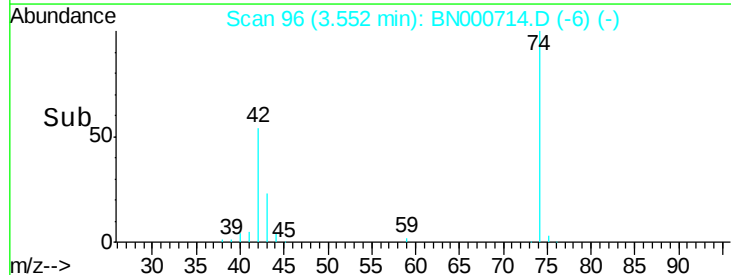
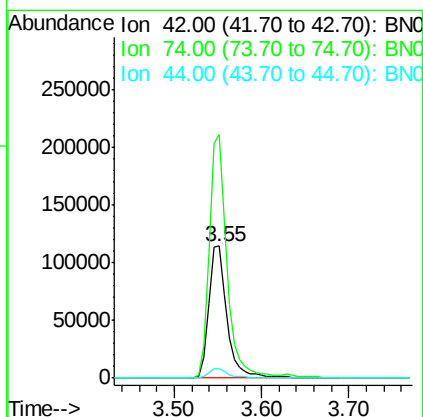
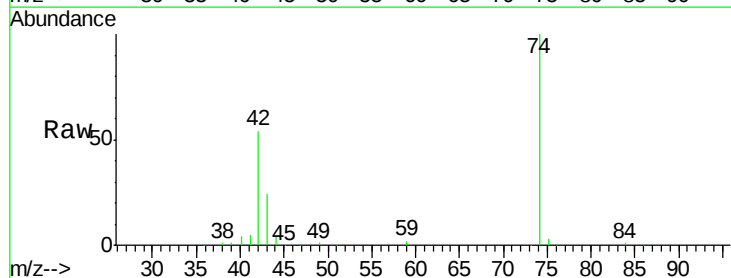
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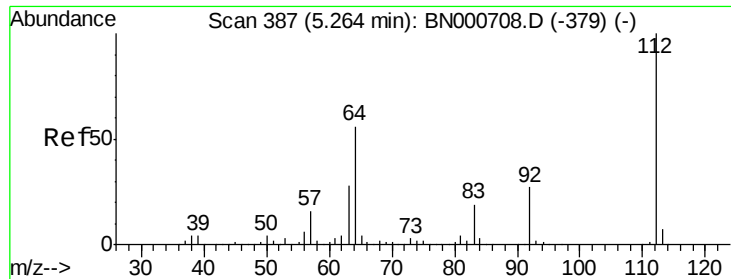
Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 167021 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 184.8 | 128.0 | 192.0  |
| 44       | 7.3   | 12.0  | 18.0   |





#5

2-Fluorophenol

Concen: 78.255 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

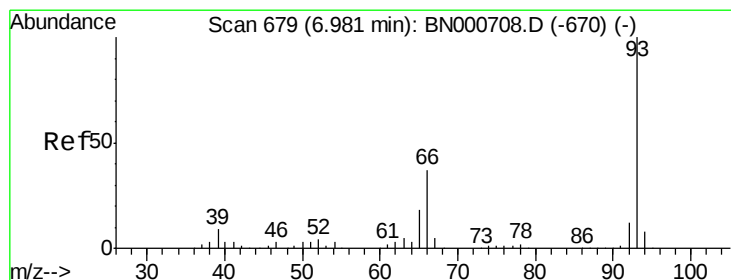
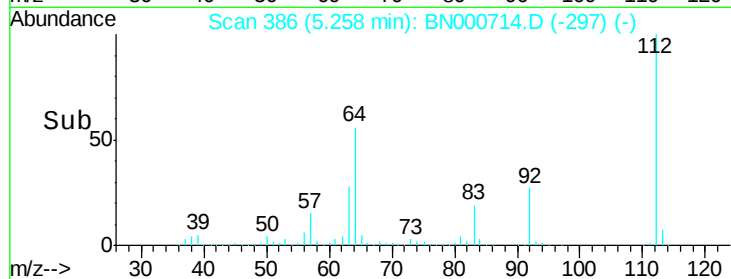
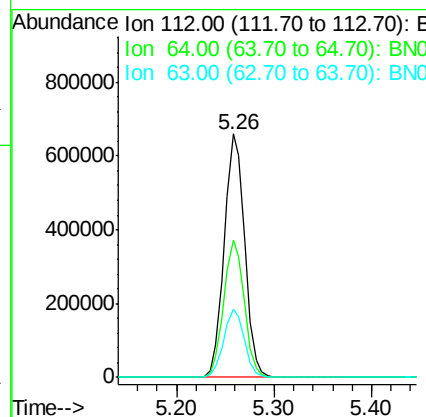
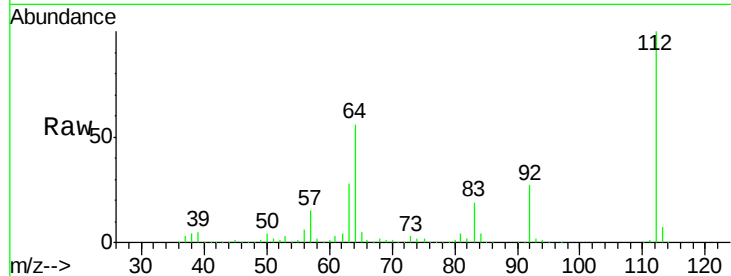
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 957906 |       |       |
| 64      | 56.3 | 56.3  | 84.5   |       |       |
| 63      | 28.1 | 30.1  | 45.1#  |       |       |

Manual Integrations  
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4/10/2018 3:38:22 PM



#6

Aniline

Concen: 40.583 ng

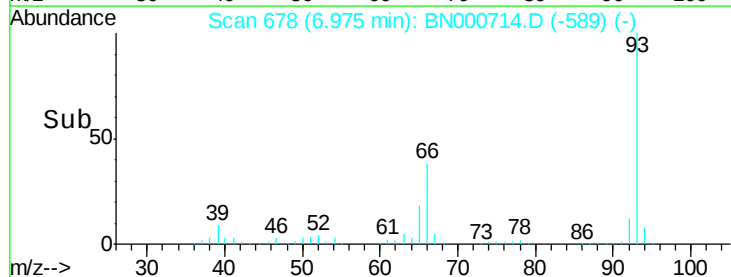
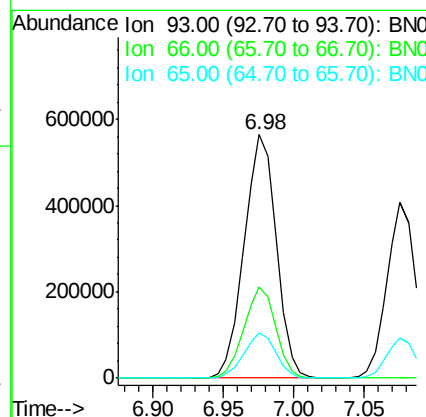
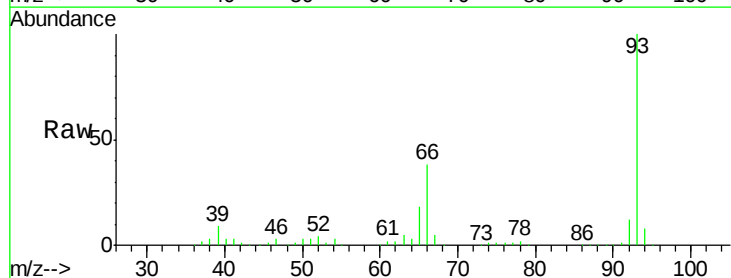
RT: 6.98 min Scan# 678

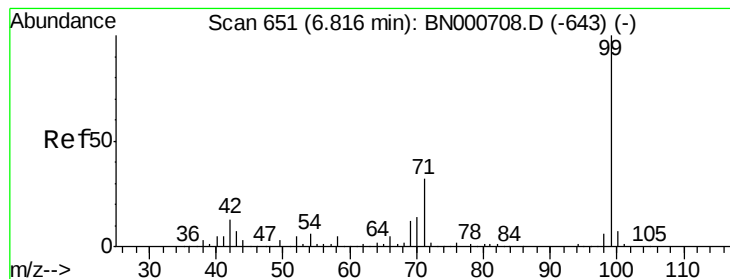
Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 902708 |       |       |
| 66      | 37.5 | 33.7  | 50.5   |       |       |
| 65      | 18.4 | 16.1  | 24.1   |       |       |





#7

Phenol-d6

Concen: 81.814 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 1363342

Ion Ratio Lower Upper

99 100

42 12.7 14.1 21.1#

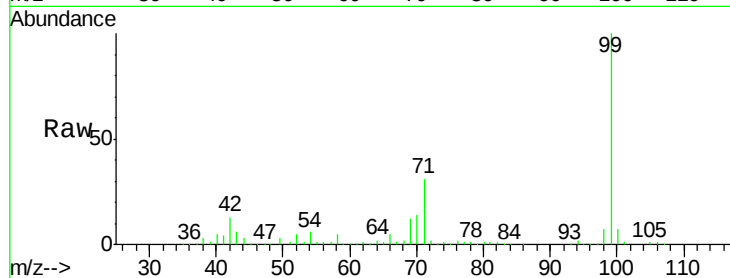
71 30.8 26.1 39.1

Manual Integrations

APPROVED

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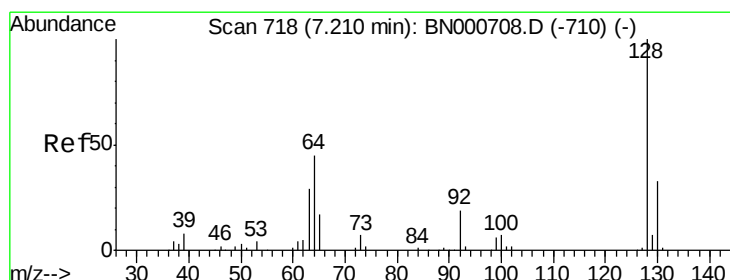
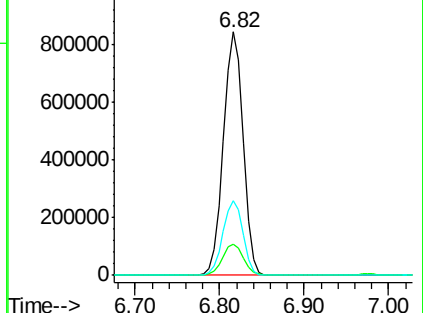
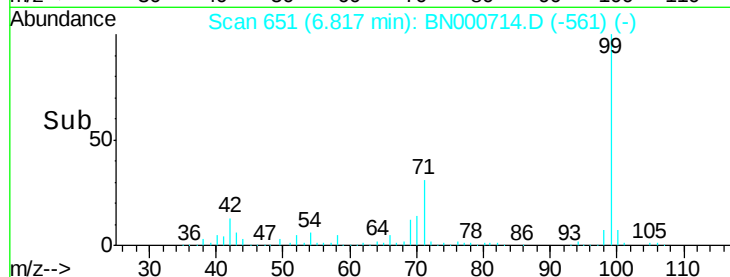
4/10/2018 3:38:22 PM



Abundance Ion 99.00 (98.70 to 99.70): BN000714.D (-561) (-)

Ion 42.00 (41.70 to 42.70): BN000714.D (-561) (-)

Ion 71.00 (70.70 to 71.70): BN000714.D (-561) (-)



#8

2-Chlorophenol

Concen: 39.869 ng

RT: 7.20 min Scan# 717

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

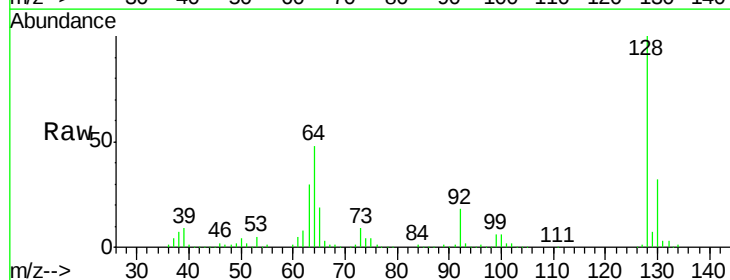
Tgt Ion: 128 Resp: 504053

Ion Ratio Lower Upper

128 100

130 31.9 14.0 54.0

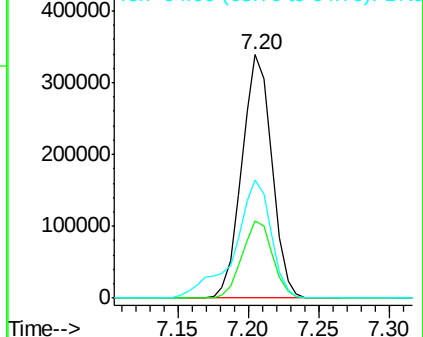
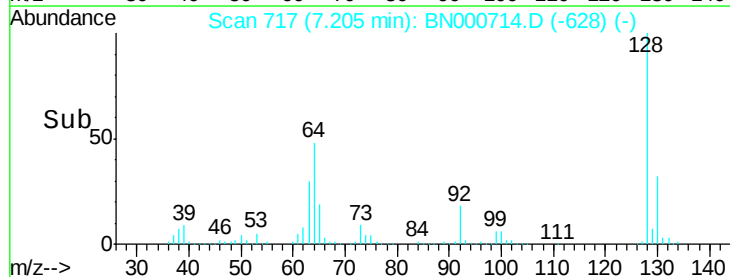
64 48.4 37.7 77.7

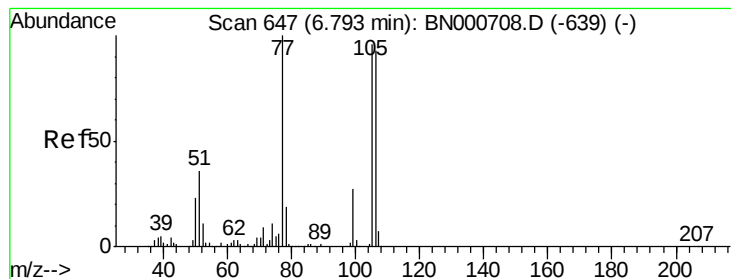


Abundance Ion 128.00 (127.70 to 128.70): BN000714.D (-628) (-)

Ion 130.00 (129.70 to 130.70): BN000714.D (-628) (-)

Ion 64.00 (63.70 to 64.70): BN000714.D (-628) (-)





#9

Benzaldehyde

Concen: 38.042 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

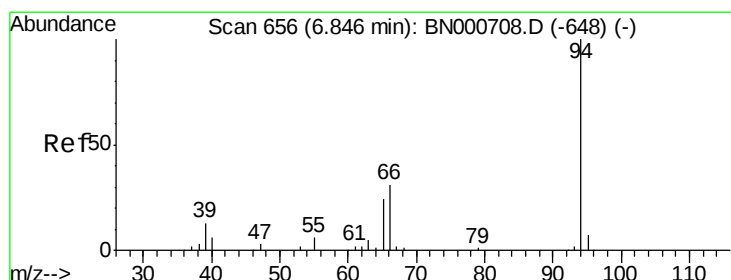
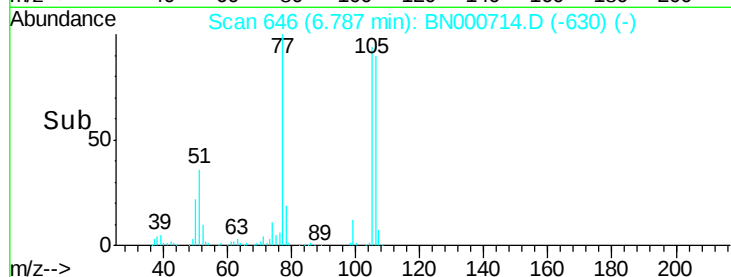
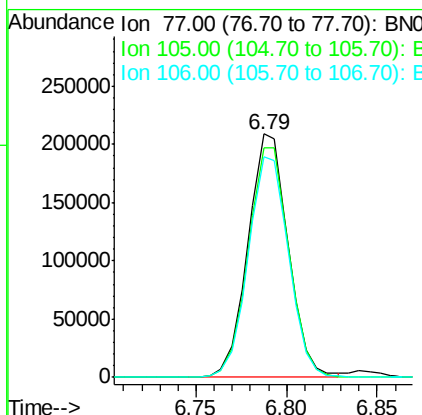
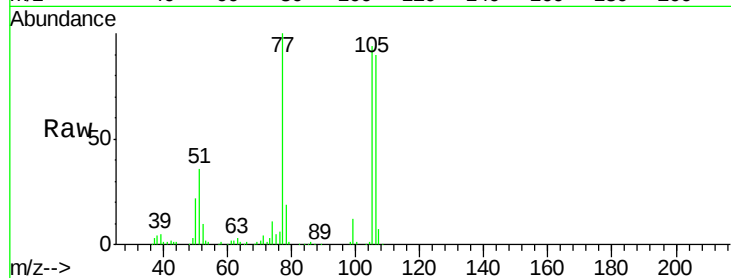
ClientSampled :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 77      | 100  |       |       |       |       |
| 105     | 94.5 | 71.3  | 111.3 |       |       |
| 106     | 90.4 | 64.2  | 104.2 |       |       |

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#10

Phenol

Concen: 40.205 ng

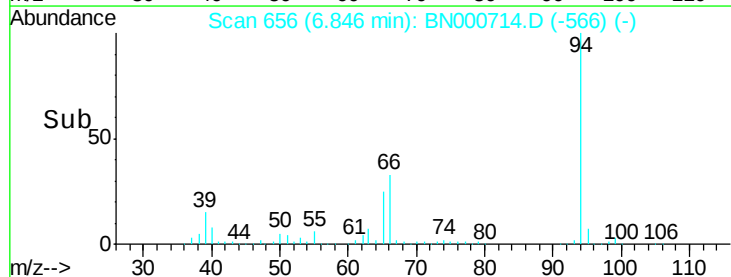
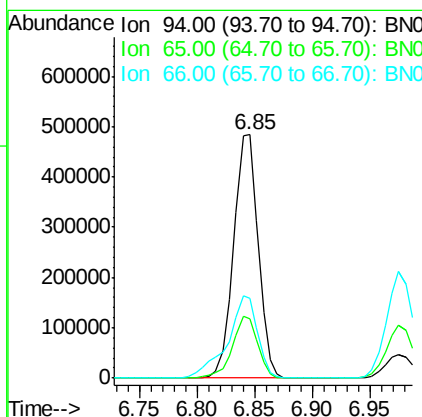
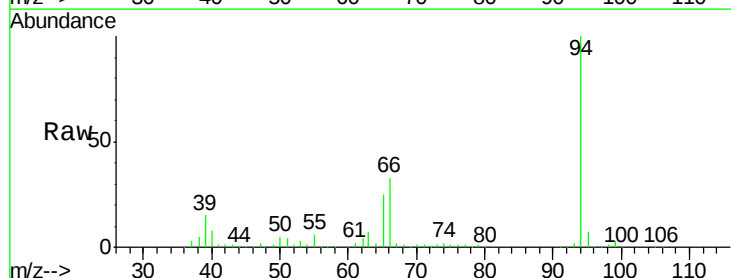
RT: 6.85 min Scan# 656

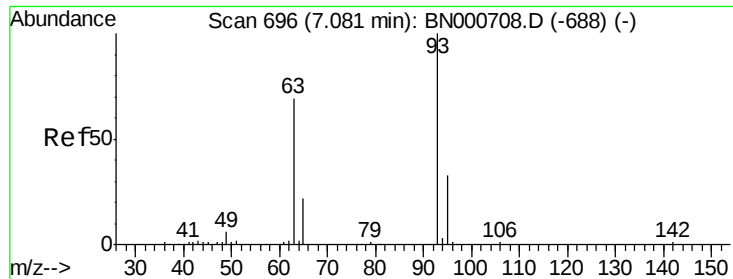
Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 94      | 100  |       |      |       |       |
| 65      | 24.6 | 11.9  | 51.9 |       |       |
| 66      | 32.8 | 22.2  | 62.2 |       |       |





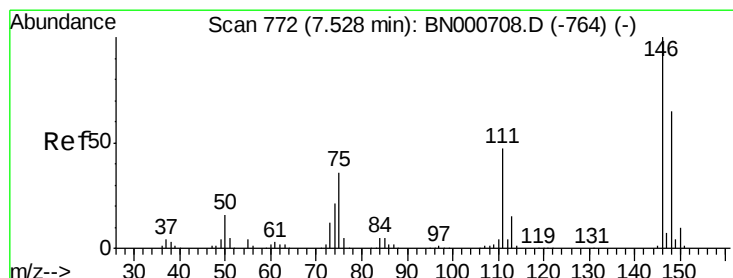
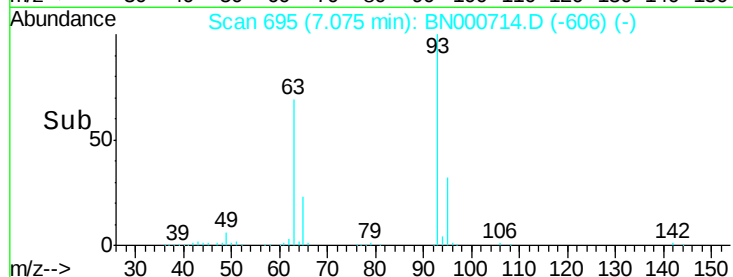
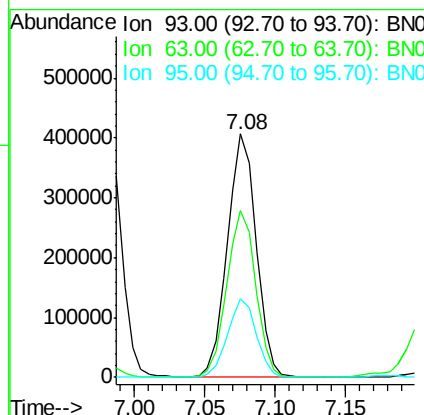
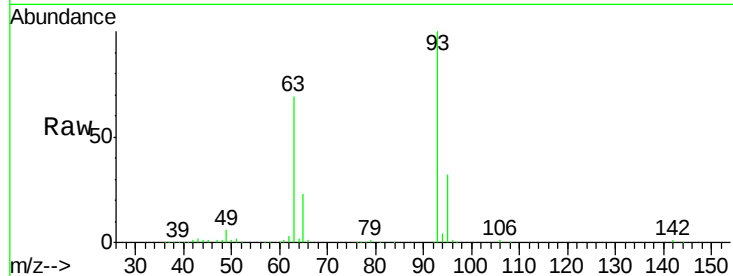
#11  
bis(2-Chloroethyl)ether  
Concen: 39.822 ng  
RT: 7.08 min Scan# 695  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 68.7  | 67.1  | 107.1 |
| 95      | 32.2  | 11.5  | 51.5  |

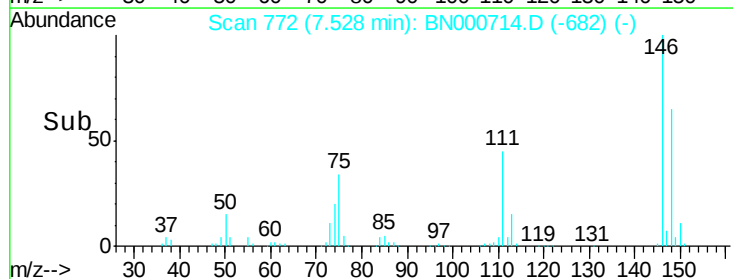
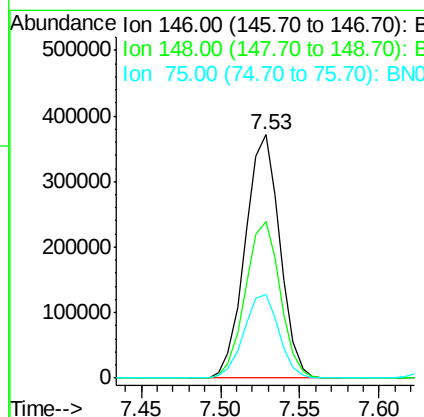
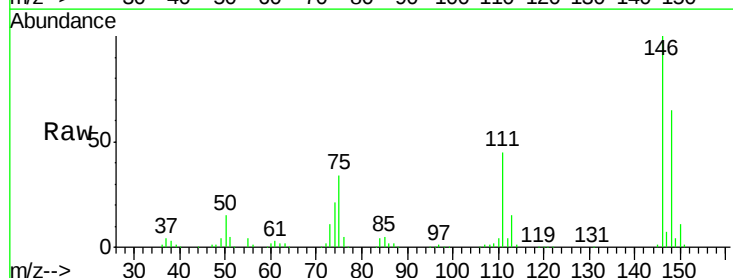
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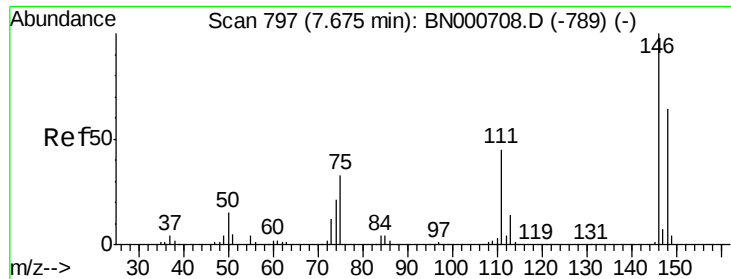
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 38.528 ng  
RT: 7.53 min Scan# 772  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 51.4  | 77.2  |
| 75      | 34.5  | 26.6  | 39.8  |





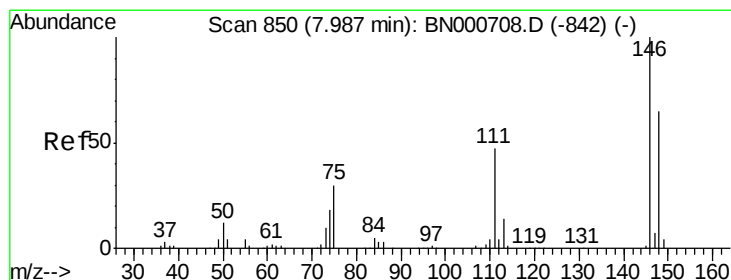
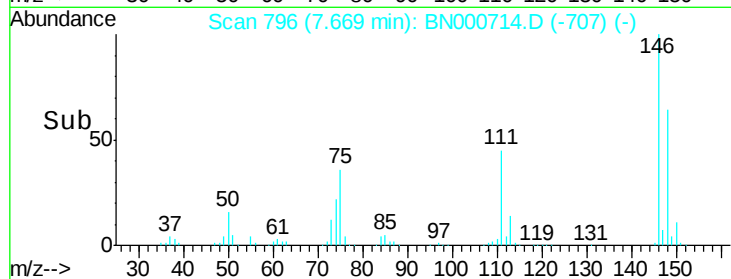
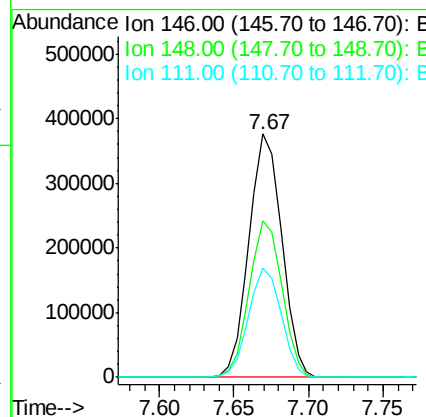
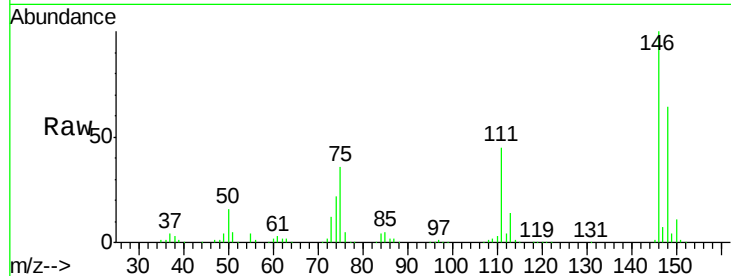
#13  
 1,4-Dichlorobenzene  
 Concen: 38.651 ng  
 RT: 7.67 min Scan# 796  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 53.7  | 80.5  |
| 111     | 44.9  | 35.2  | 52.8  |

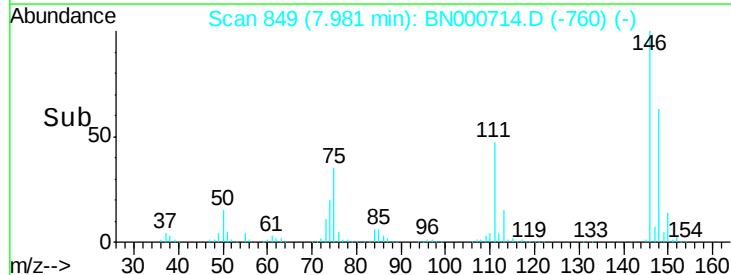
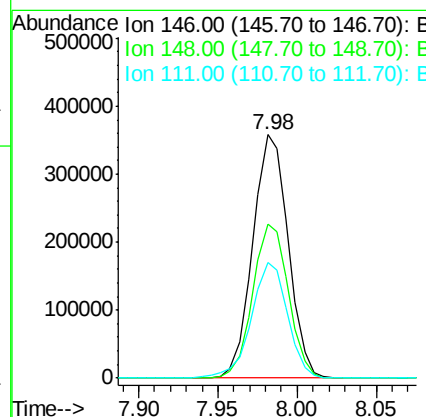
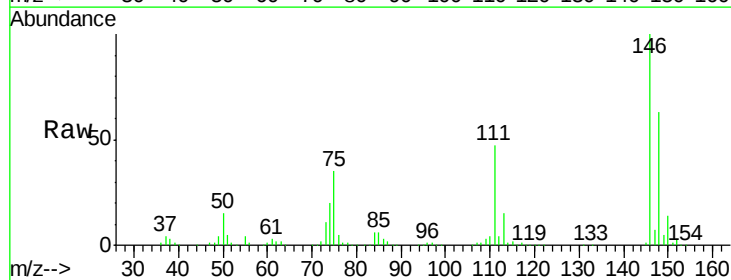
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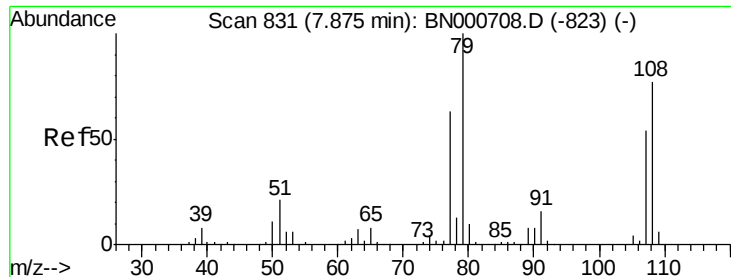
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 4/10/2018 3:38:22 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 38.968 ng  
 RT: 7.98 min Scan# 849  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 49.3  | 73.9  |
| 111     | 47.4  | 34.3  | 51.5  |





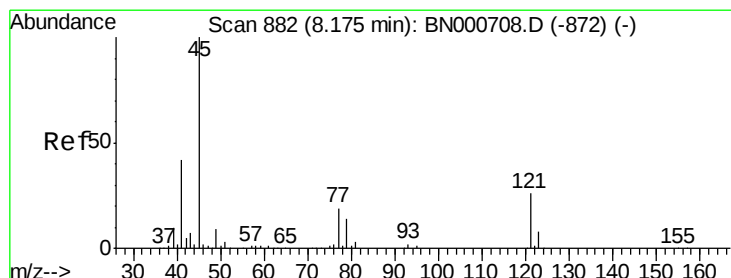
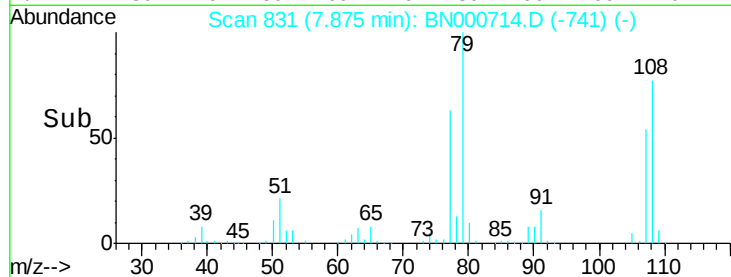
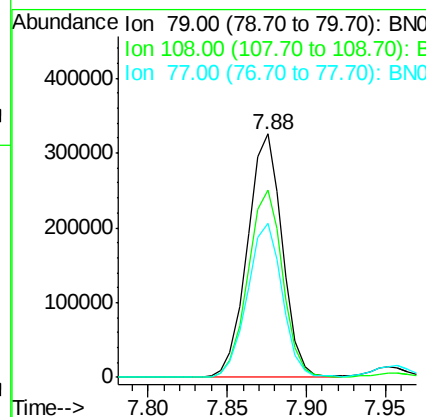
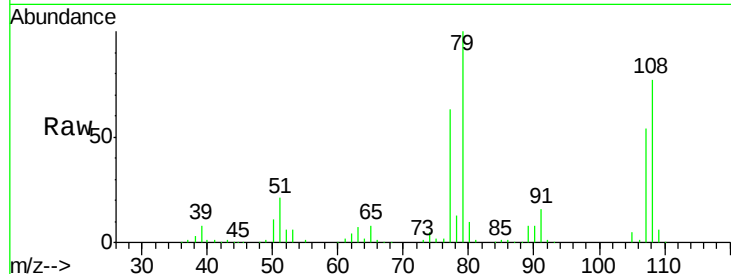
#15  
Benzyl Alcohol  
Concen: 43.720 ng  
RT: 7.88 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.0  | 57.2  | 85.8  |
| 77      | 63.1  | 46.1  | 69.1  |

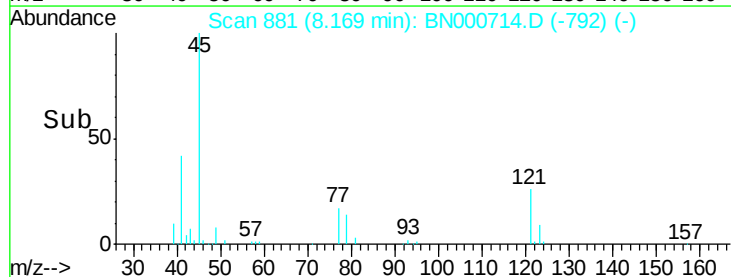
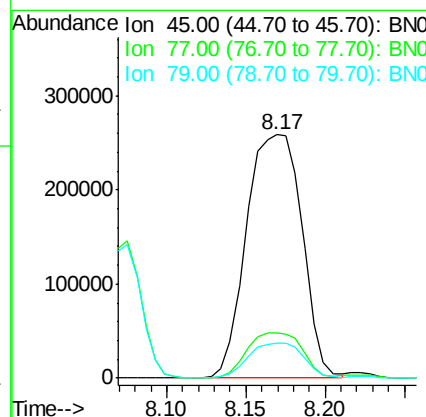
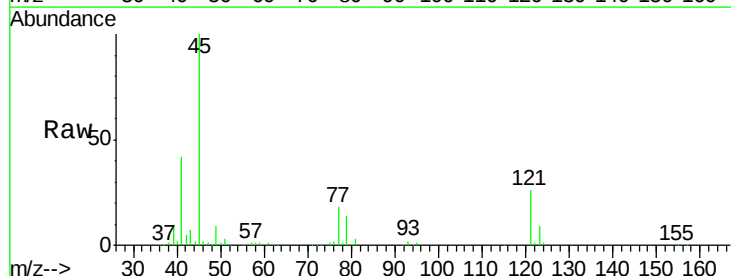
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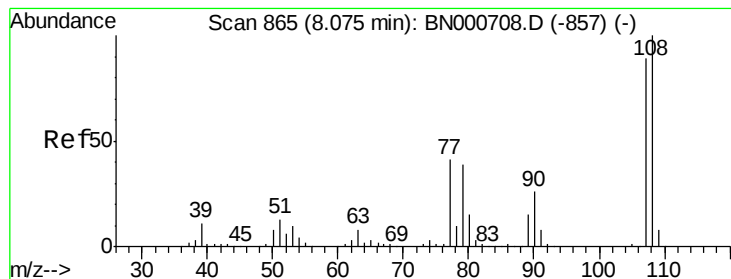
Sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.786 ng  
RT: 8.17 min Scan# 881  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 18.5  | 0.0   | 30.2  |
| 79      | 14.3  | 0.0   | 27.9  |





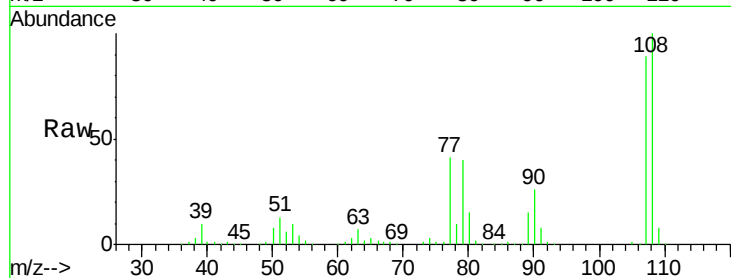
#17  
2-Methylphenol  
Concen: 41.767 ng  
RT: 8.08 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

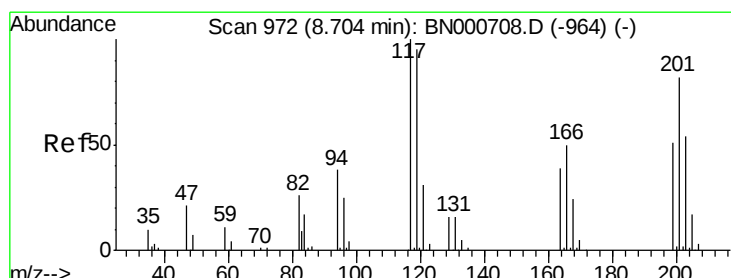
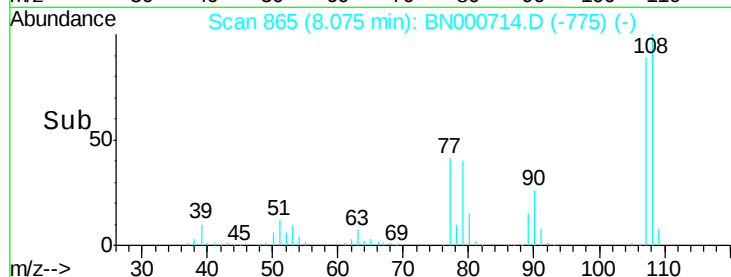
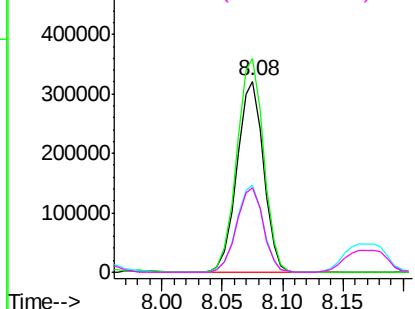
| Tot Ion   | 107   | Resp  | 493446 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.9 | 83.9  | 125.9  |
| 77        | 45.4  | 37.2  | 55.8   |
| 79        | 44.2  | 36.2  | 54.2   |

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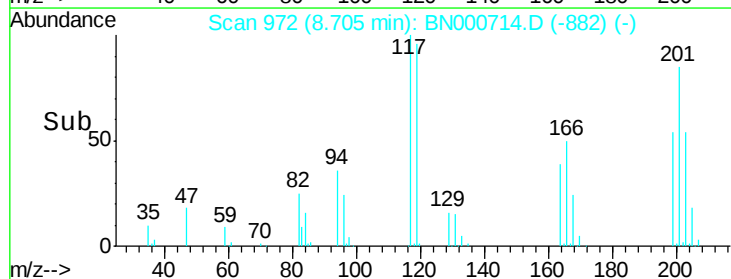
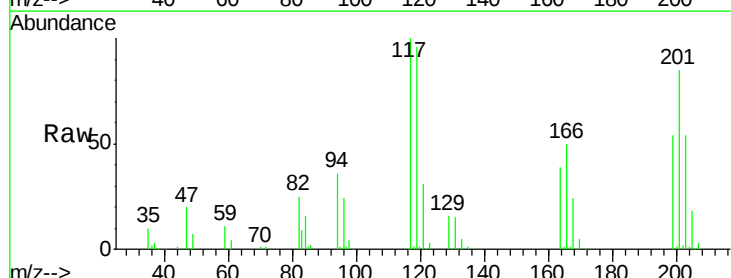
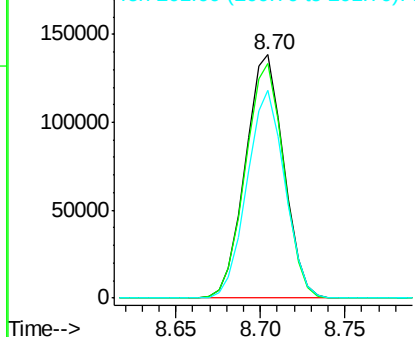
Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BNC  
Ion 79.00 (78.70 to 79.70): BNC

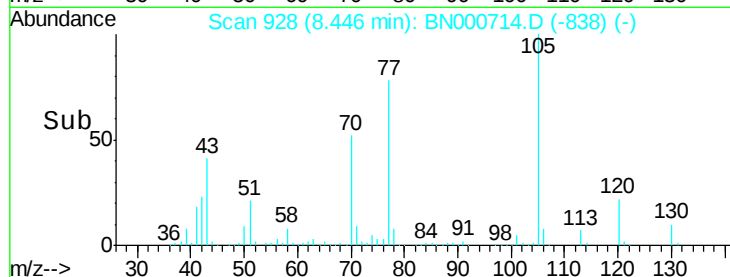
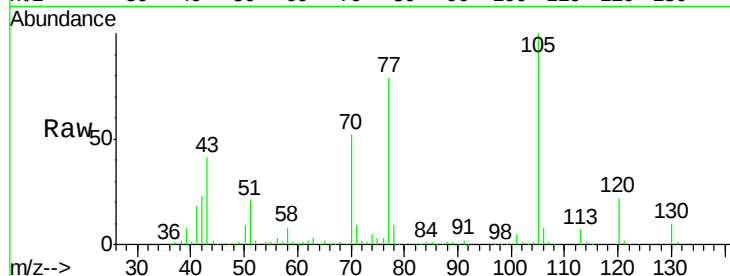
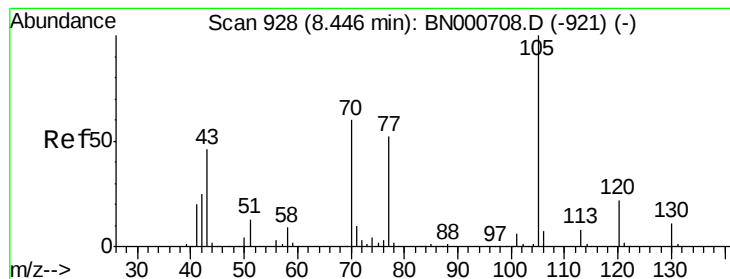


#18  
Hexachloroethane  
Concen: 40.024 ng  
RT: 8.70 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion   | 117   | Resp  | 218980 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.2  | 76.7  | 115.1  |
| 201       | 85.2  | 95.7  | 143.5# |

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





#19

n-Nitroso-di-n-propylamine

Concen: 43.409 ng

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       |       |       |       |
| 42      | 43.7 | 49.1  | 73.7# |       |       |
| 101     | 9.9  | 8.5   | 12.7  |       |       |
| 130     | 19.7 | 13.4  | 20.0  |       |       |

Instrument :

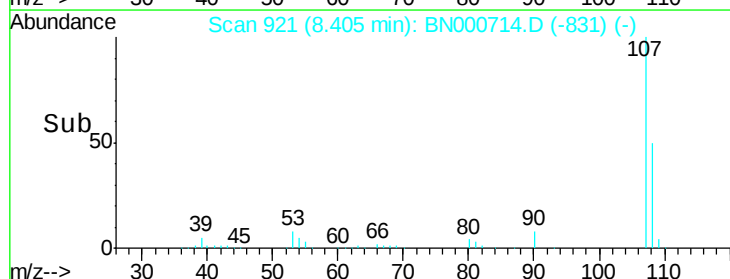
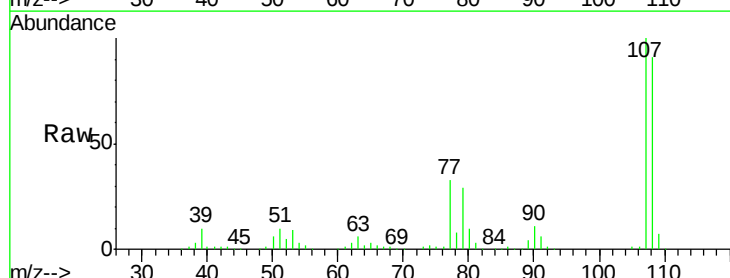
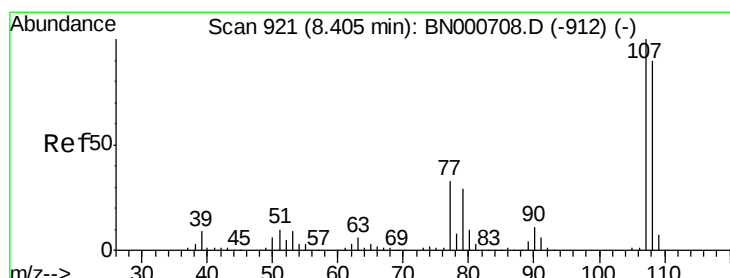
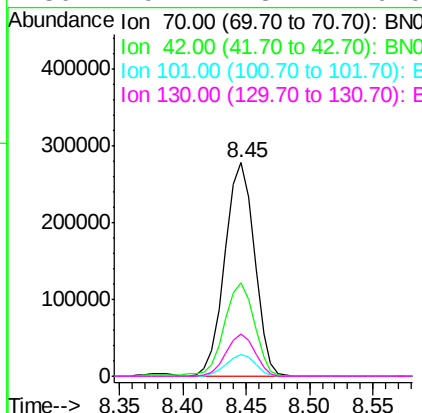
BNA\_N

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 42.510 ng

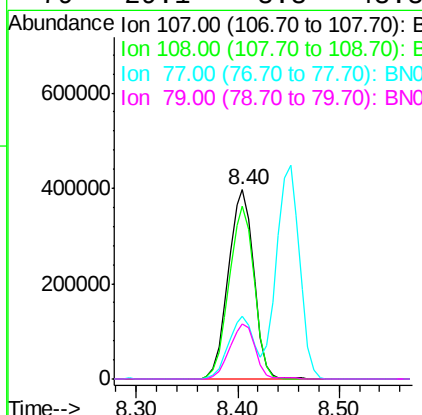
RT: 8.40 min Scan# 921

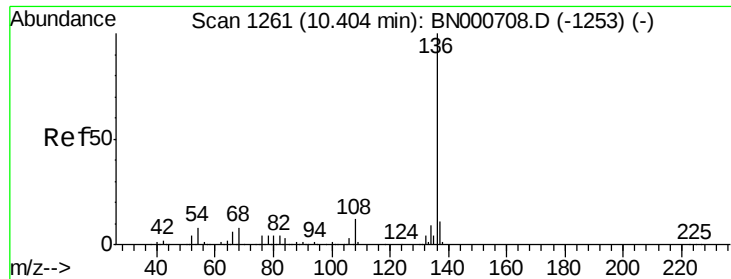
Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 91.2 | 61.6  | 101.6 |       |       |
| 77      | 32.8 | 13.9  | 53.9  |       |       |
| 79      | 29.1 | 8.8   | 48.8  |       |       |





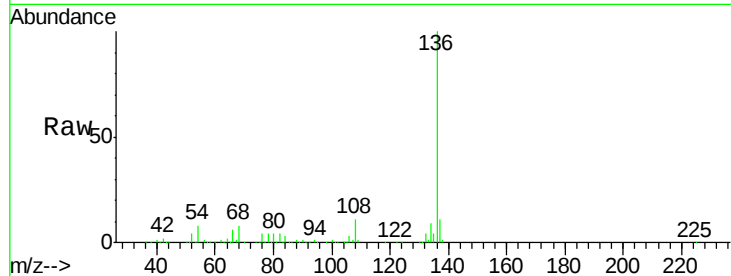
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.40 min Scan# 1261  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

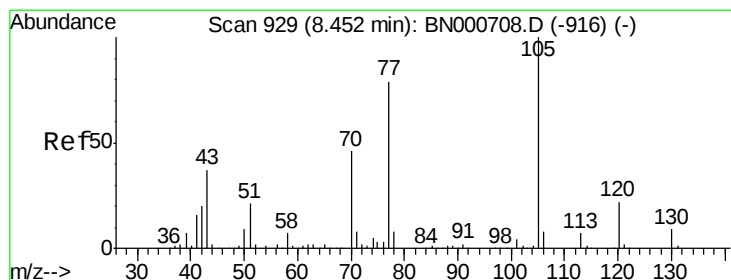
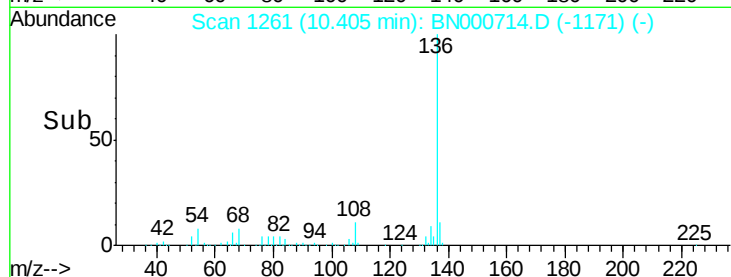
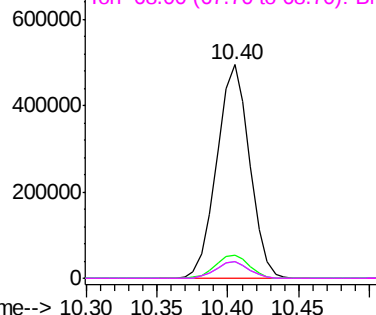
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 807563 |       |       |
| 137     | 10.8 | 9.2   | 13.8   |       |       |
| 54      | 7.9  | 10.3  | 15.5#  |       |       |
| 68      | 7.5  | 4.5   | 6.7#   |       |       |

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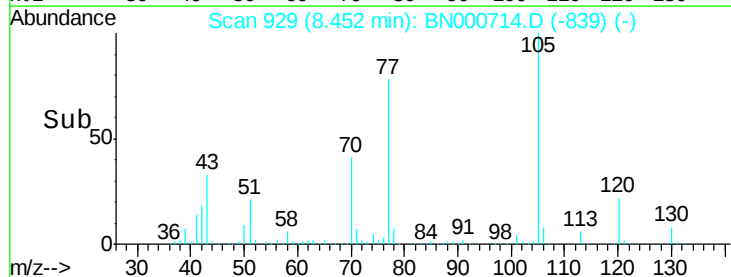
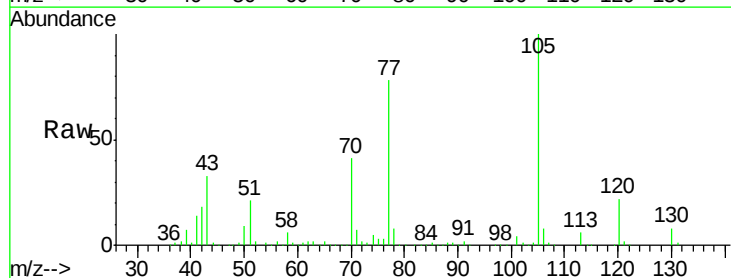
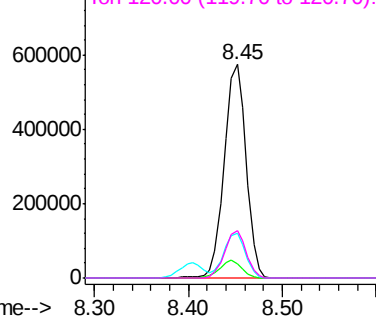
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BNC  
Ion 68.00 (67.70 to 68.70): BNC

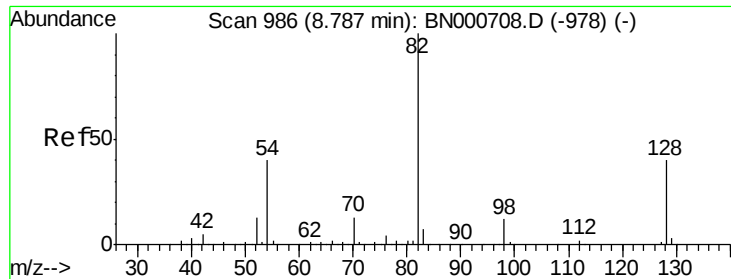


#22  
Acetophenone  
Concen: 39.875 ng  
RT: 8.45 min Scan# 929  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 927188 |       |       |
| 71      | 6.7  | 3.0   | 4.4#   |       |       |
| 51      | 21.1 | 26.1  | 39.1#  |       |       |
| 120     | 22.3 | 17.4  | 26.2   |       |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BNC  
Ion 51.00 (50.70 to 51.70): BNC  
Ion 120.00 (119.70 to 120.70): E





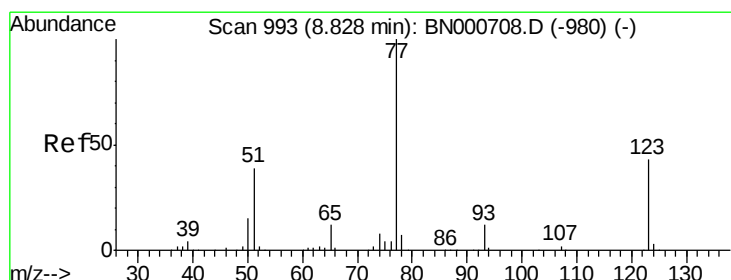
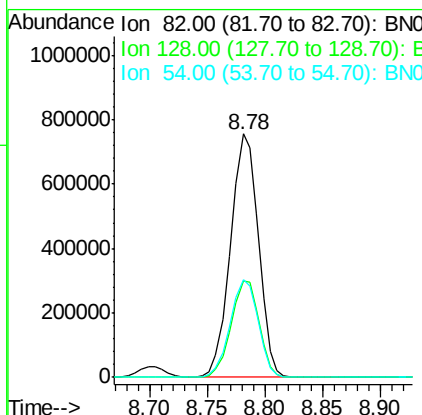
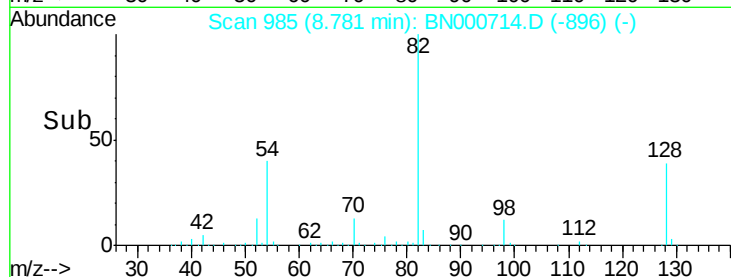
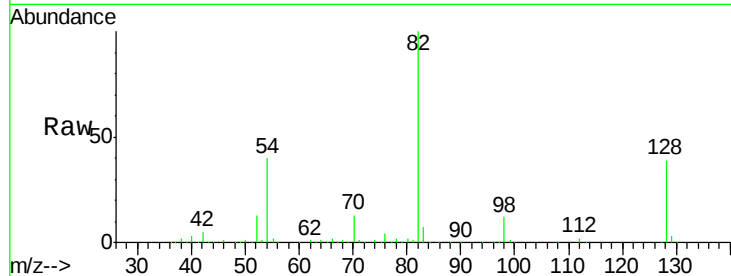
#23  
 Nitrobenzene-d5  
 Concen: 82.863 ng  
 RT: 8.78 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.4  | 29.7  | 44.5  |
| 54      | 40.0  | 43.1  | 64.7  |

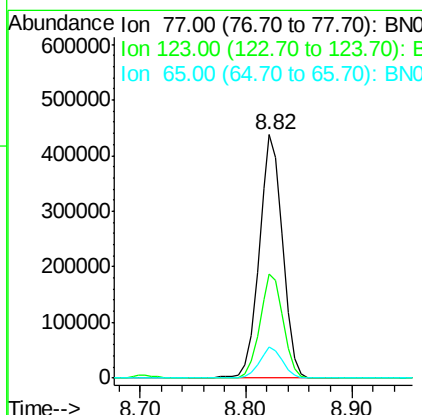
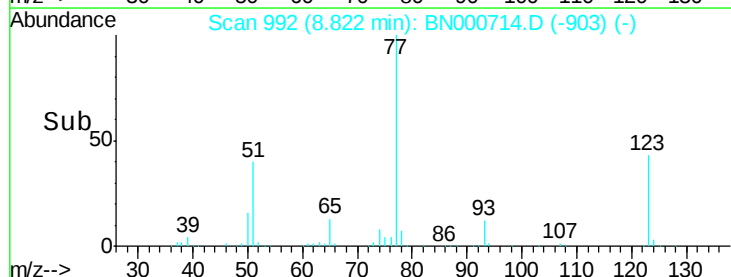
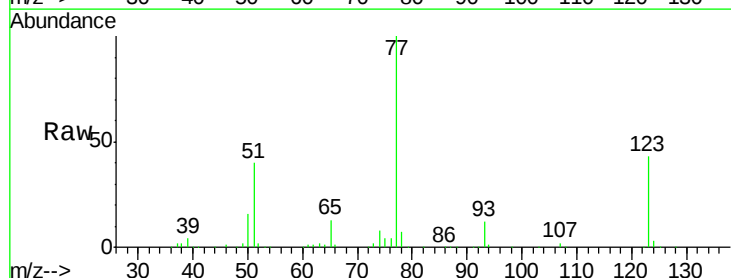
Manual Integrations  
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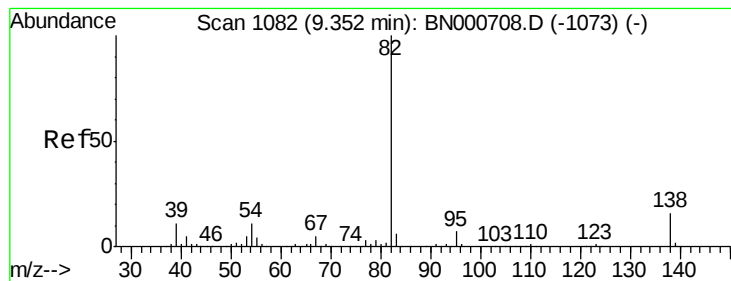
Sohil  
 4/10/2018 3:38:22 PM



#24  
 Nitrobenzene  
 Concen: 40.633 ng  
 RT: 8.82 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.8  | 33.0  | 49.6  |
| 65      | 12.6  | 13.0  | 19.6  |





#25

Isophorone

Concen: 42.898 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1208524

Ion Ratio Lower Upper

82 100

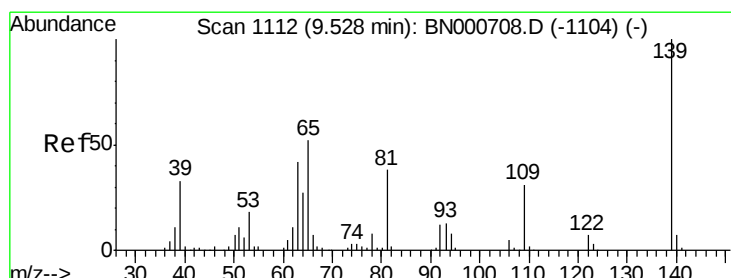
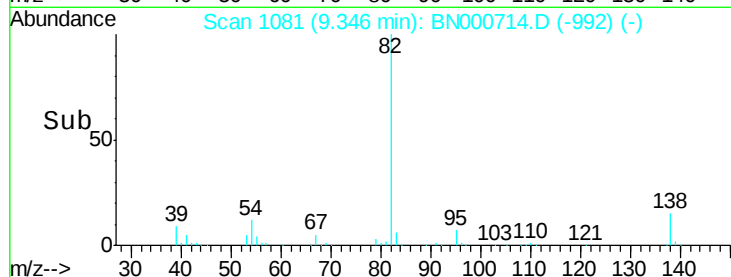
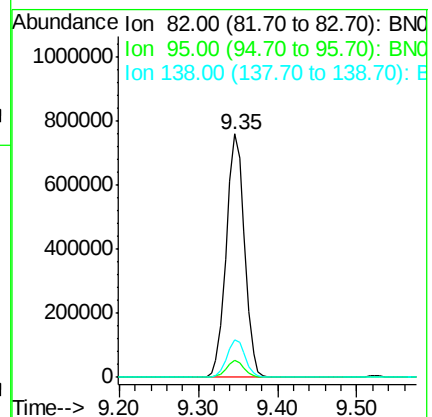
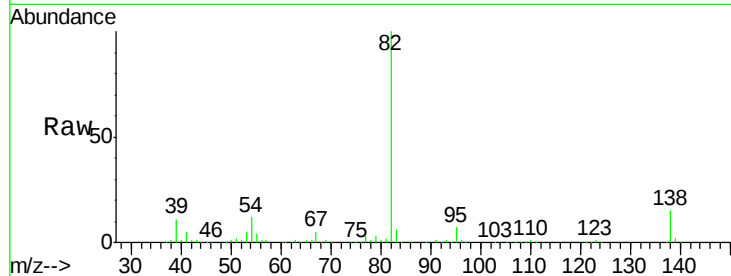
95 6.8 6.2 9.2

138 15.5 12.1 18.1

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4/10/2018 3:38:22 PM



#26

2-Nitrophenol

Concen: 41.742 ng

RT: 9.52 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

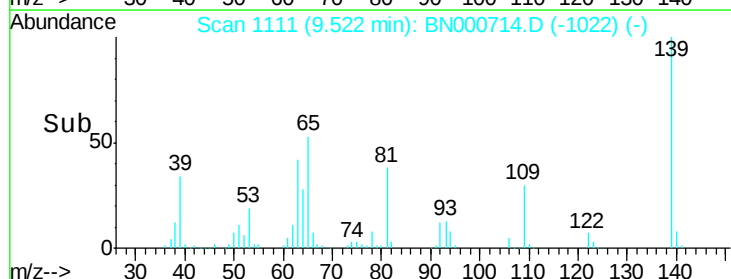
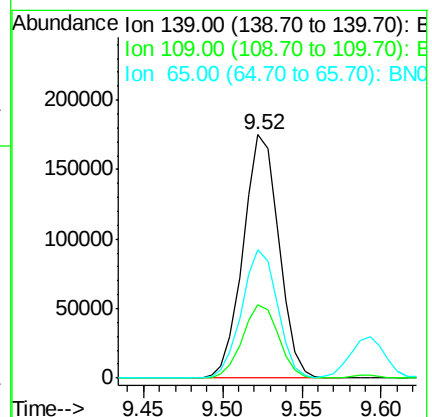
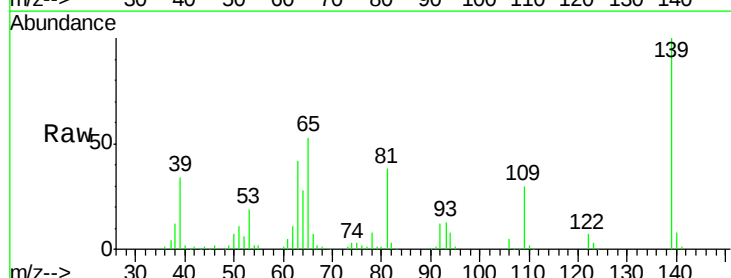
Tgt Ion: 139 Resp: 273803

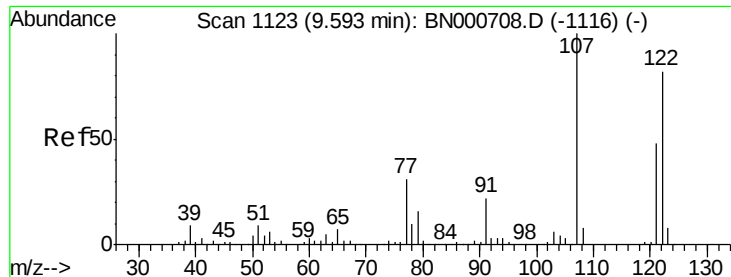
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 52.8 47.4 71.0





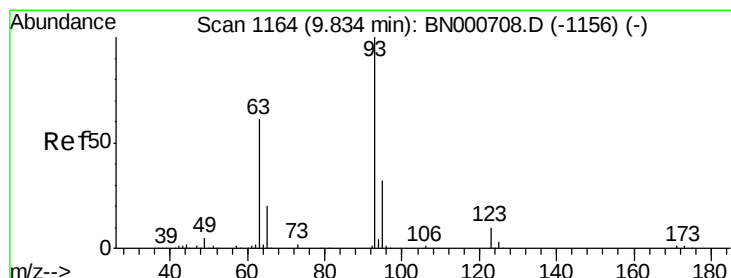
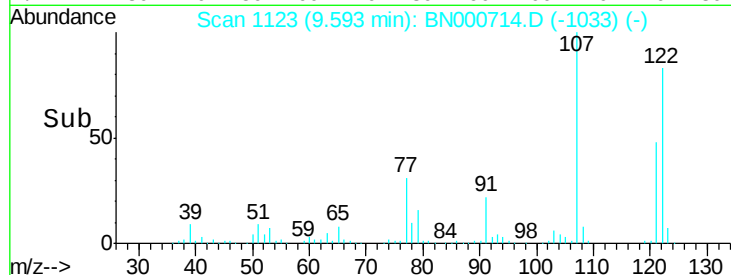
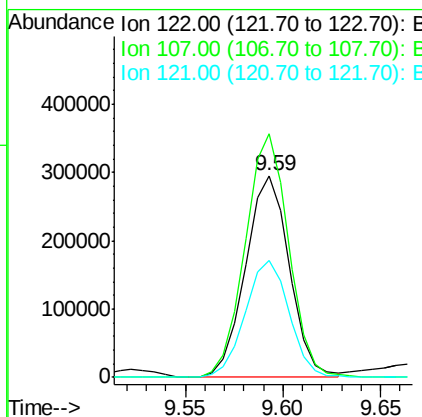
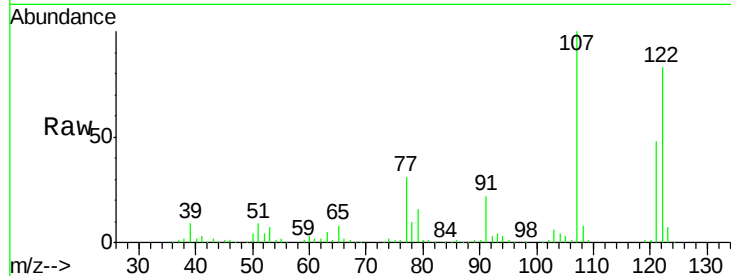
#27  
 2,4-Dimethylphenol  
 Concen: 41.214 ng  
 RT: 9.59 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 460503 |       |       |
| 107     | 120.9 | 100.2 | 150.2  |       |       |
| 121     | 58.3  | 44.4  | 66.6   |       |       |

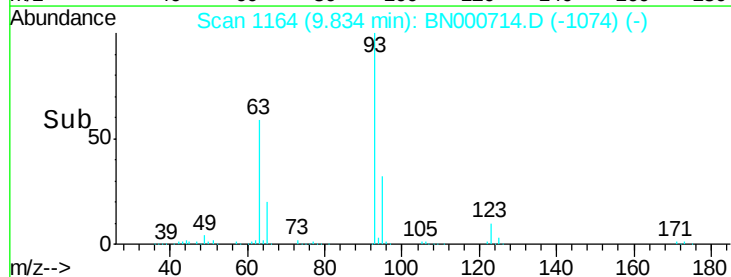
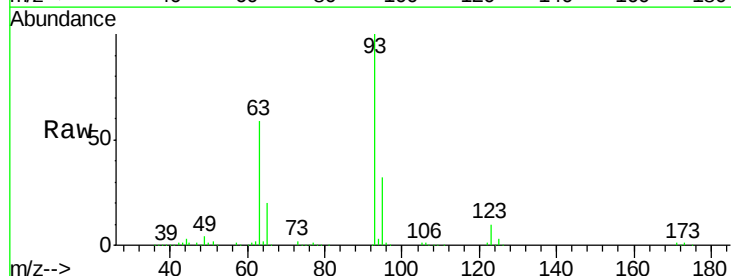
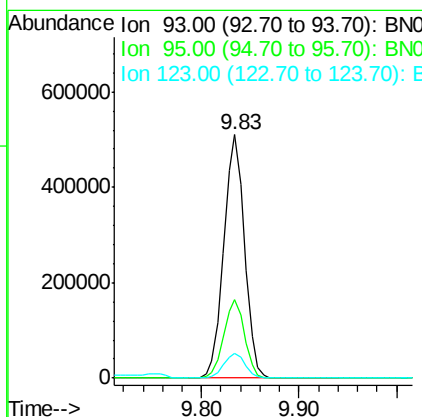
Manual Integrations  
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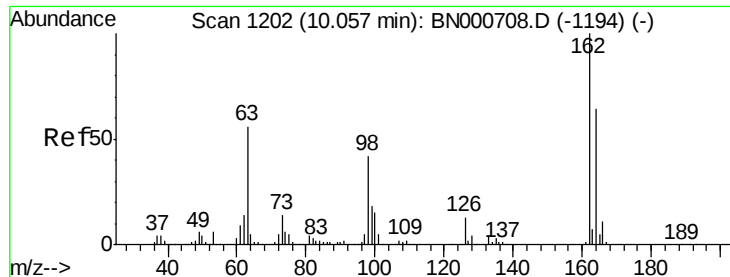
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.392 ng  
 RT: 9.83 min Scan# 1164  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 748667 |       |       |
| 95      | 32.5 | 24.3  | 36.5   |       |       |
| 123     | 10.4 | 8.4   | 12.6   |       |       |





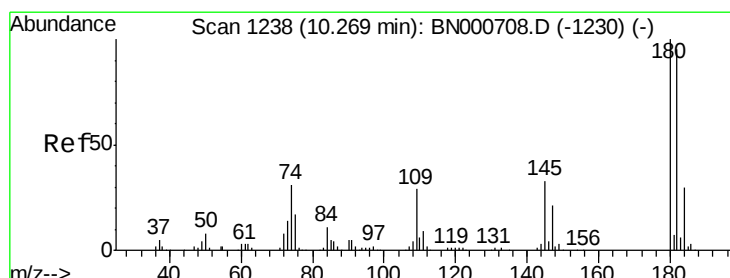
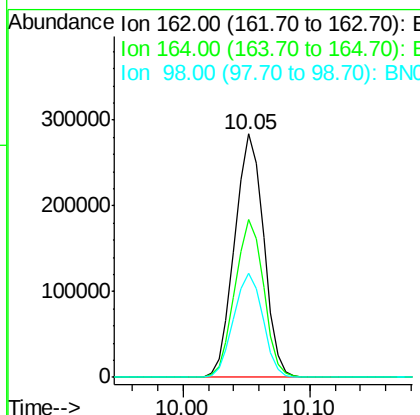
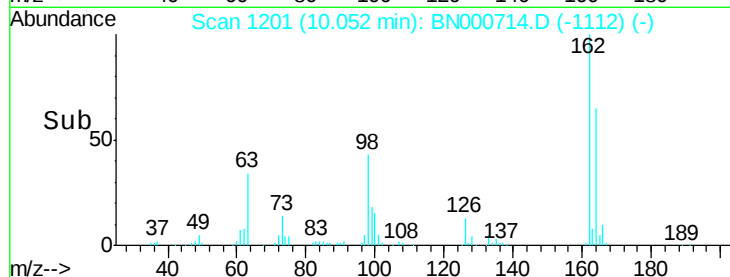
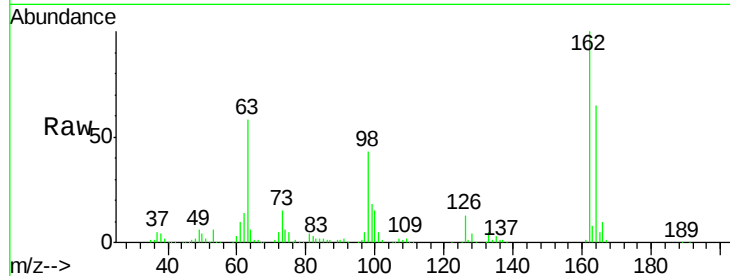
#29  
2,4-Dichlorophenol  
Concen: 41.556 ng  
RT: 10.05 min Scan# 1201  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 450772 |       |       |
| 164     | 64.8  | 48.0   | 88.0  |       |
| 98      | 42.8  | 21.1   | 61.1  |       |

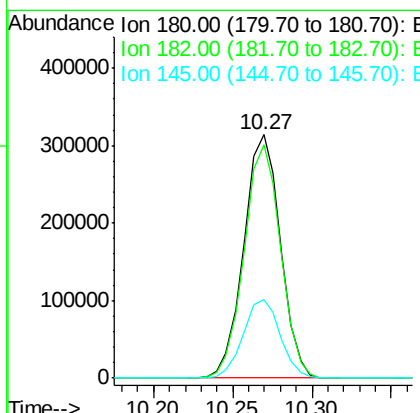
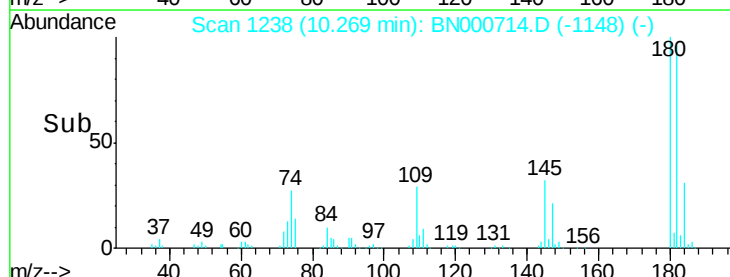
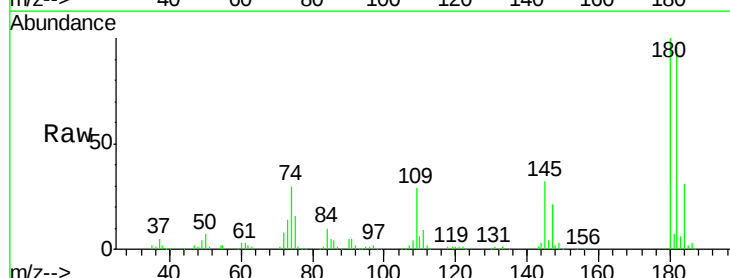
Manual Integrations  
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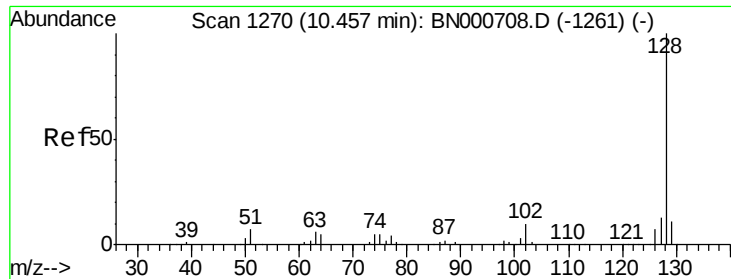
Sohil  
4/10/2018 3:38:22 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 38.647 ng  
RT: 10.27 min Scan# 1238  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 505011 |       |       |
| 182     | 95.9  | 77.5   | 116.3 |       |
| 145     | 32.4  | 23.4   | 35.2  |       |





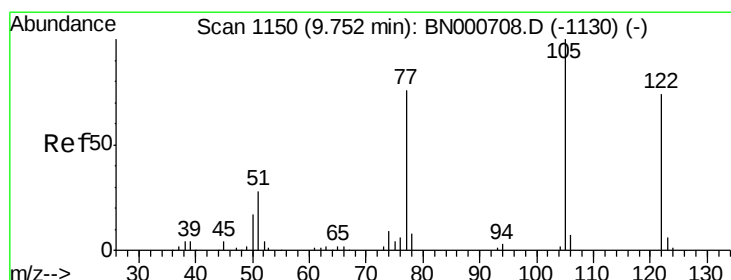
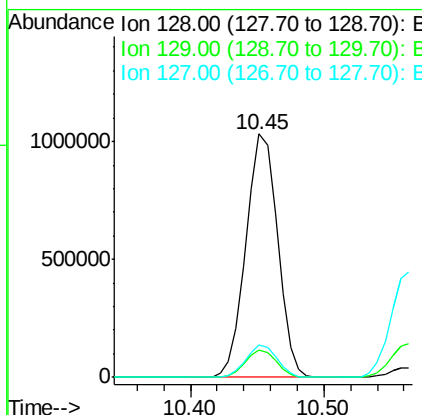
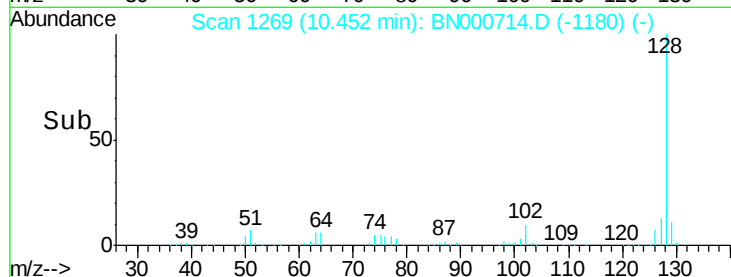
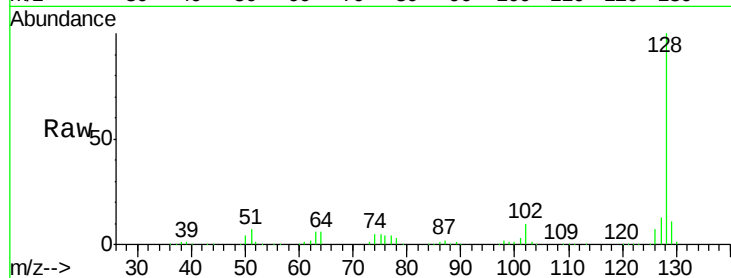
#31  
Naphthalene  
Concen: 38.863 ng  
RT: 10.45 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.6   | 12.8  |
| 127     | 13.3  | 11.6  | 17.4  |

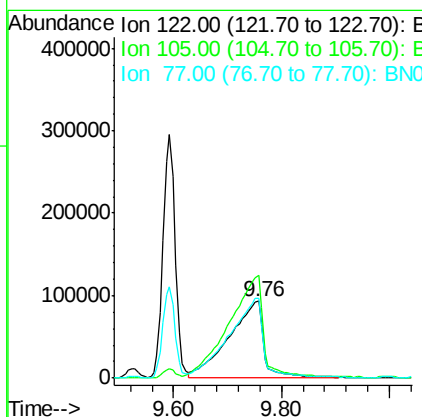
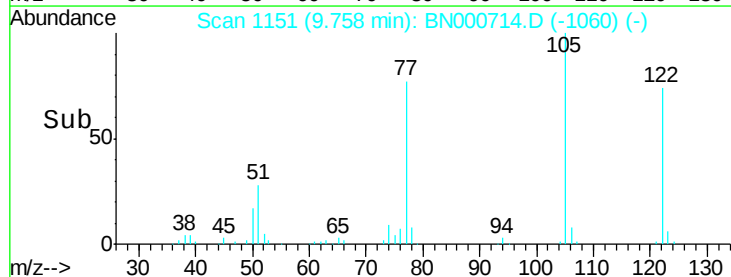
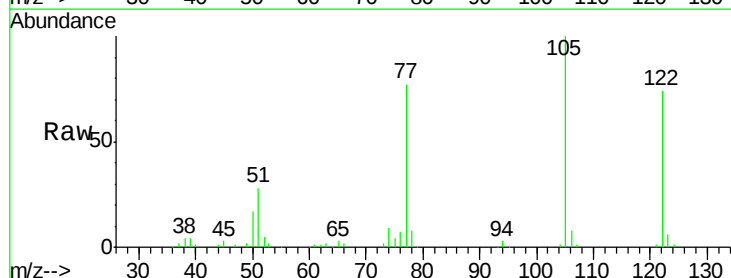
Manual Integrations  
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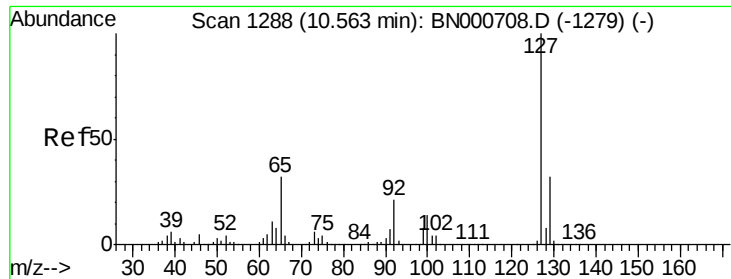
Sohil  
4/10/2018 3:38:22 PM



#32  
Benzoic acid  
Concen: 41.121 ng  
RT: 9.76 min Scan# 1151  
Delta R.T. 0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 134.7 | 123.5 | 163.5 |
| 77      | 103.6 | 85.7  | 125.7 |





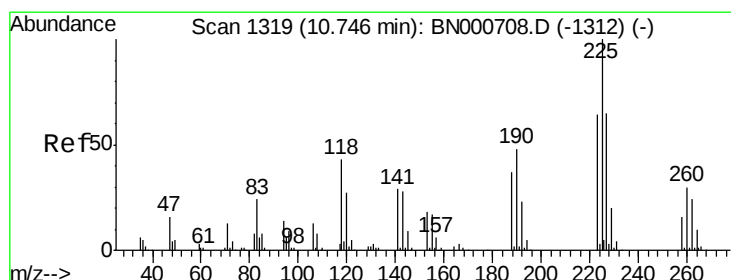
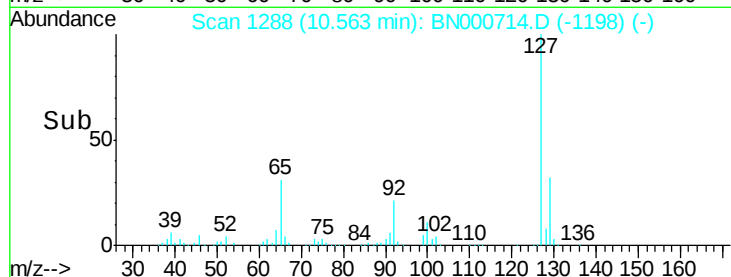
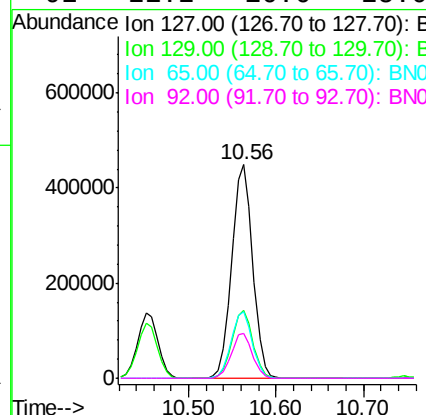
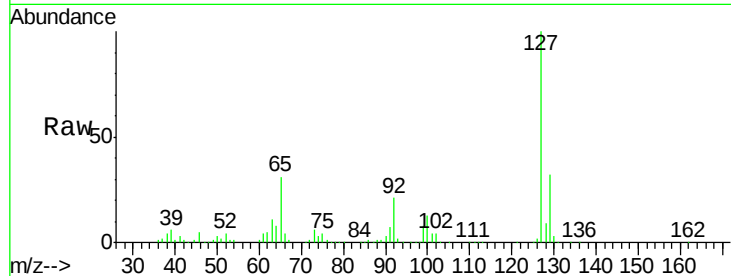
#33  
4-Chloroaniline  
Concen: 41.358 ng  
RT: 10.56 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.9 | 24.0  | 36.0 |       |       |
| 65      | 31.2 | 27.0  | 40.4 |       |       |
| 92      | 21.2 | 16.6  | 25.0 |       |       |

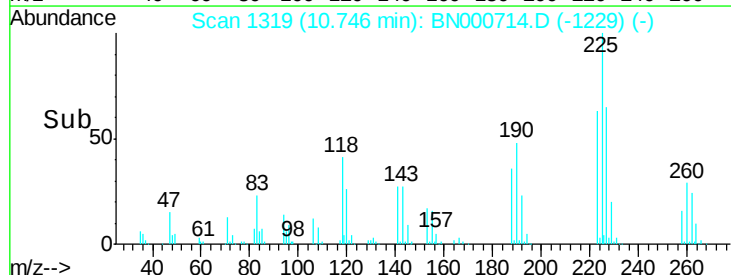
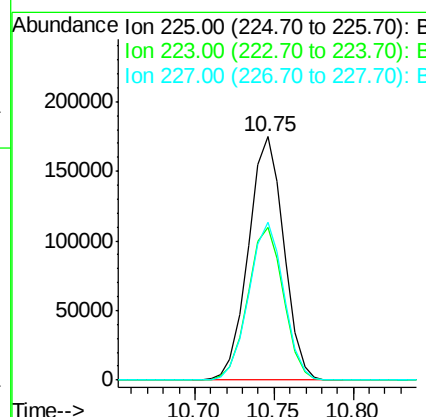
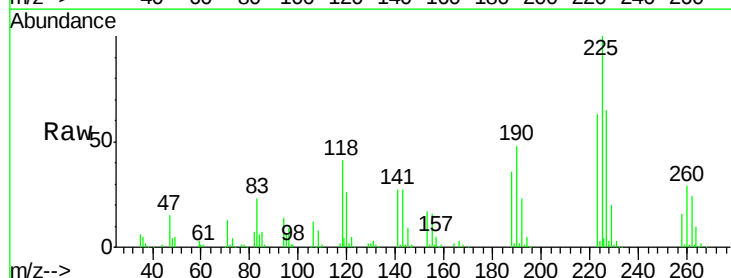
Manual Integrations  
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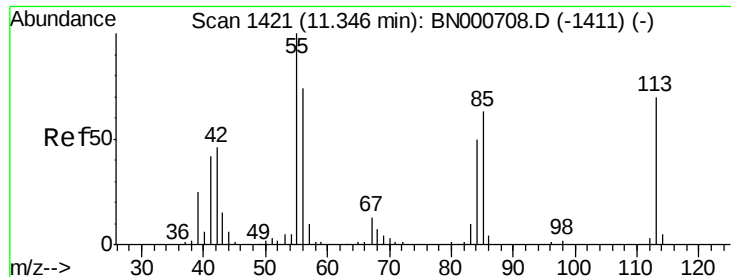
Sohil  
4/10/2018 3:38:22 PM



#34  
Hexachlorobutadiene  
Concen: 38.566 ng  
RT: 10.75 min Scan# 1319  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.9 | 49.7  | 74.5 |       |       |
| 227     | 64.9 | 48.1  | 72.1 |       |       |





#35

Caprolactam

Concen: 47.679 ng

RT: 11.35 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 168792

Ion Ratio Lower Upper

113 100

55 147.2 120.0 160.0

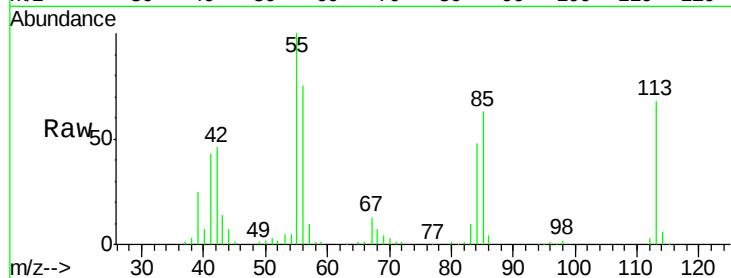
56 109.8 90.0 130.0

Manual Integrations

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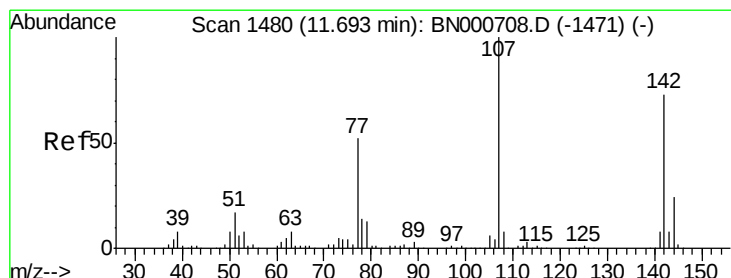
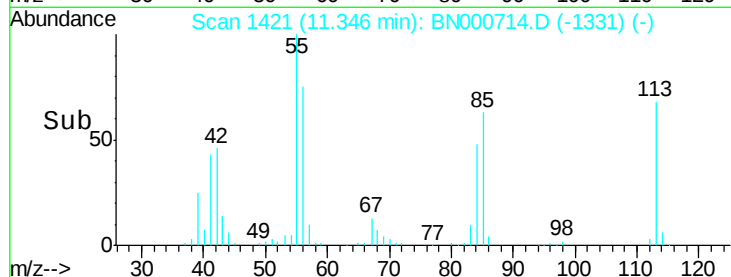
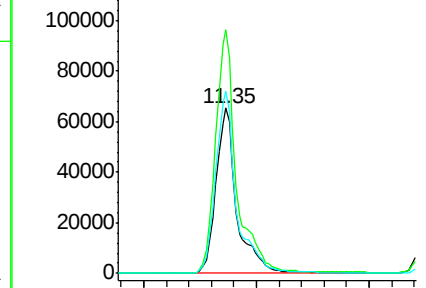
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 43.820 ng

RT: 11.69 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

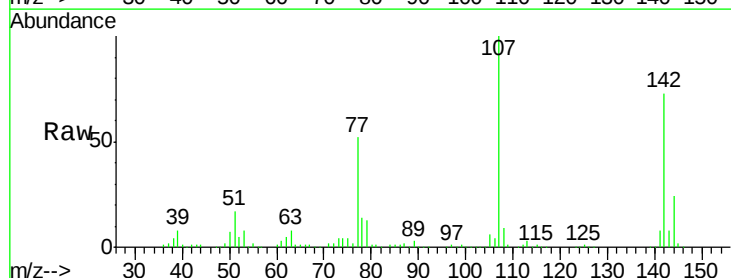
Tgt Ion:107 Resp: 565558

Ion Ratio Lower Upper

107 100

144 23.8 18.2 27.4

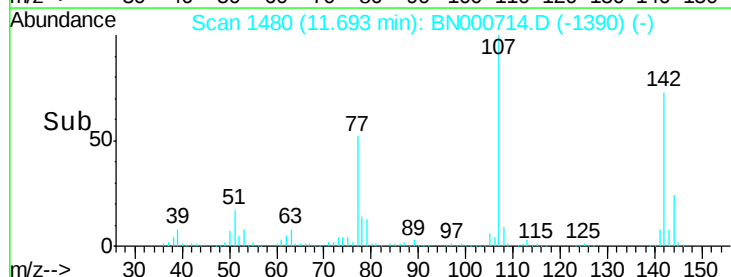
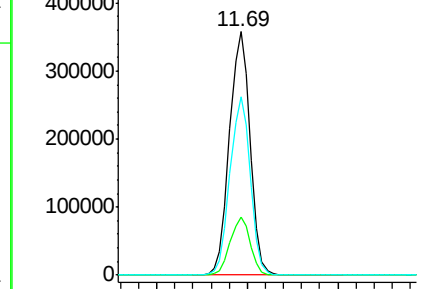
142 73.3 59.0 88.4

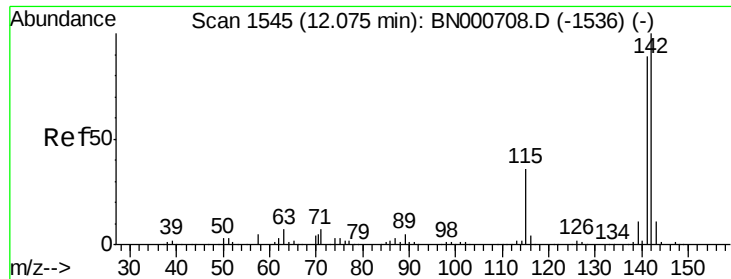


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





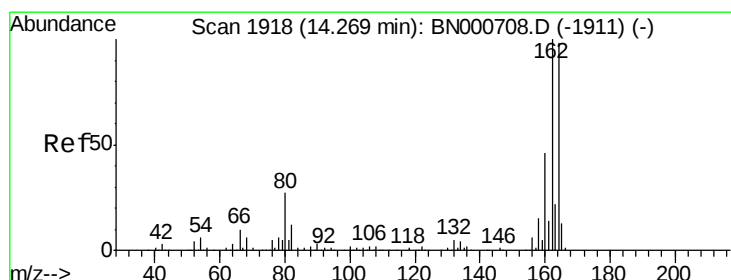
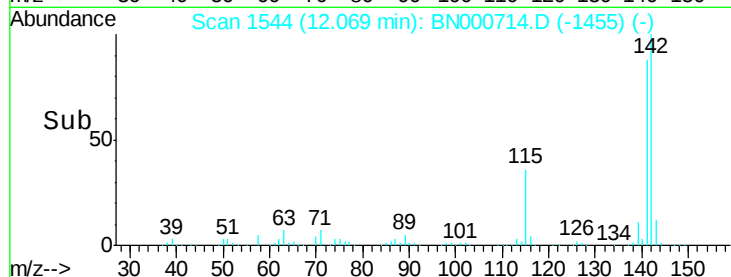
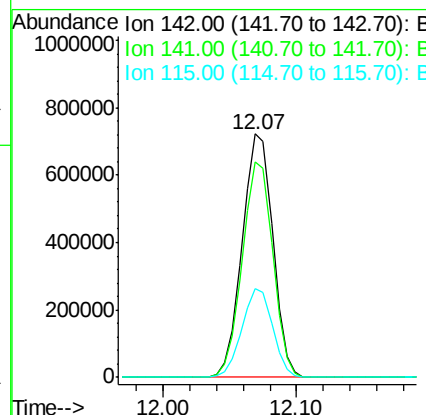
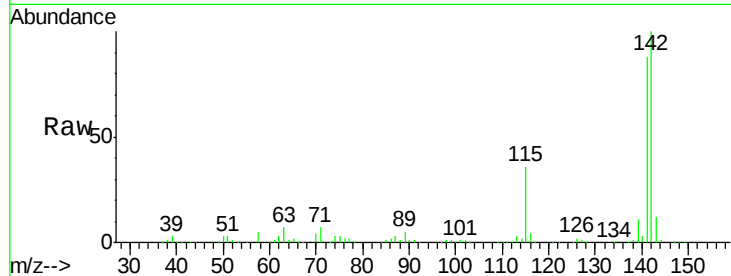
#37  
2-Methylnaphthalene  
Concen: 40.196 ng  
RT: 12.07 min Scan# 1544  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 1147786  
Ion Ratio Lower Upper  
142 100  
141 88.3 67.1 100.7  
115 36.4 30.7 46.1

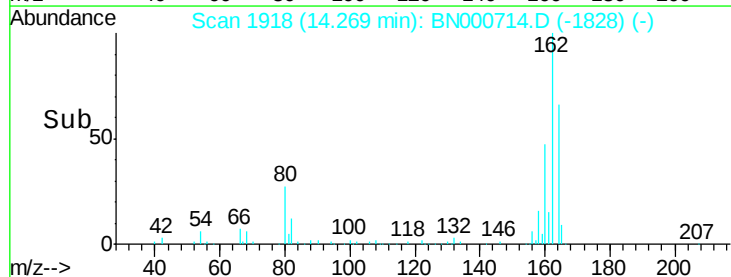
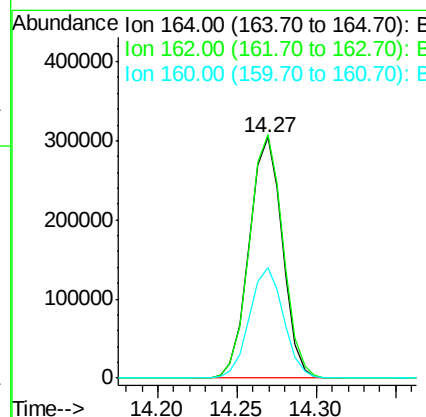
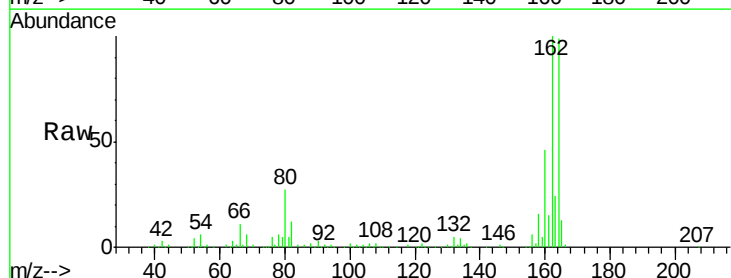
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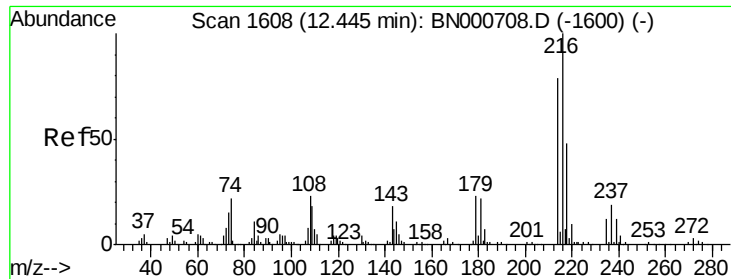
Sohil  
4/10/2018 3:38:22 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.27 min Scan# 1918  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Tgt Ion:164 Resp: 443245  
Ion Ratio Lower Upper  
164 100  
162 101.2 78.8 118.2  
160 46.1 35.4 53.0





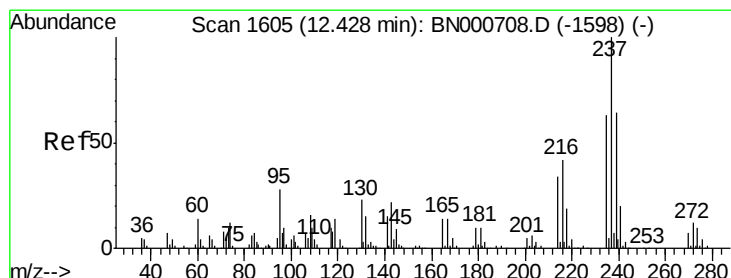
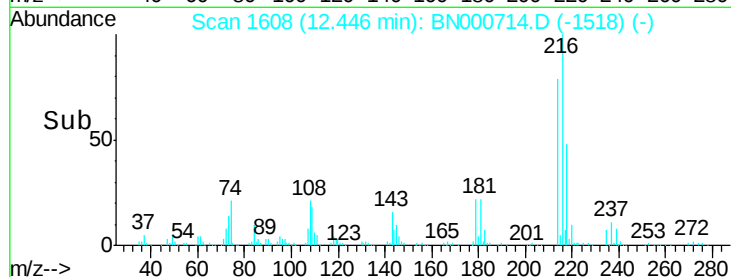
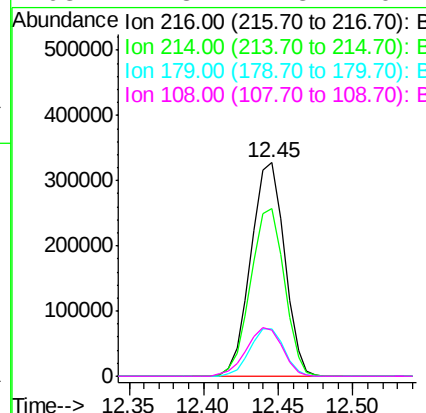
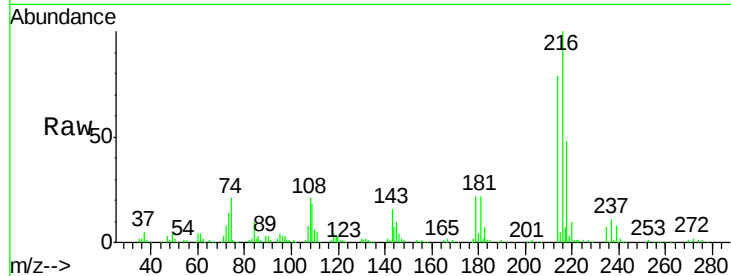
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 37.506 ng  
 RT: 12.45 min Scan# 1608  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.7  | 63.0  | 94.4  |
| 179     | 22.7  | 17.0  | 25.6  |
| 108     | 24.3  | 12.8  | 19.2  |

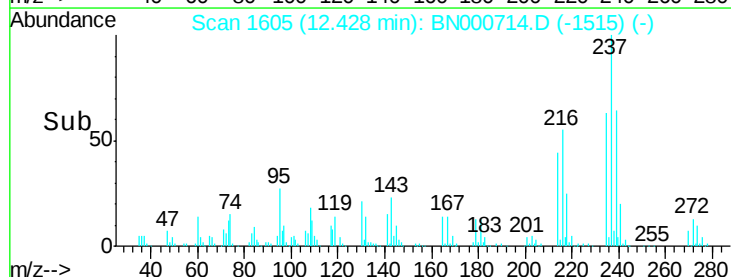
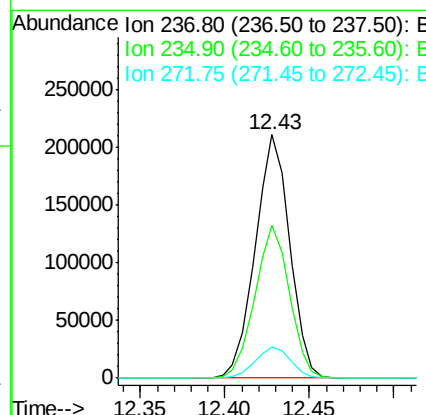
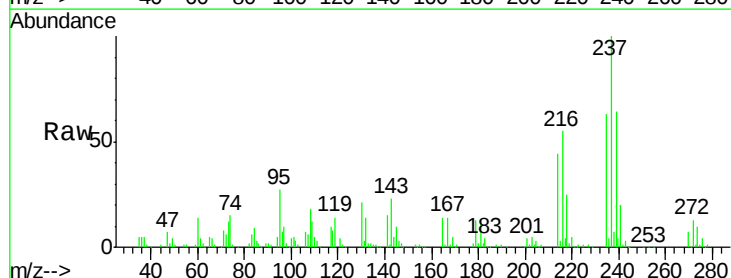
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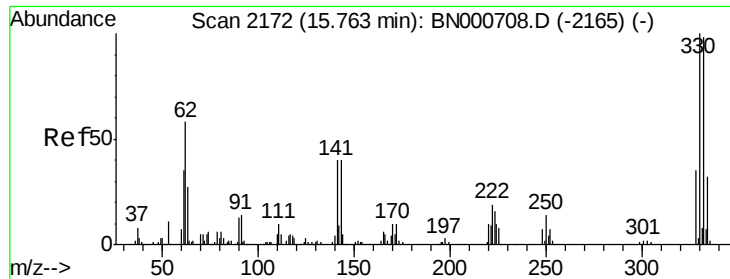
Sohil  
 4/10/2018 3:38:22 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 39.439 ng  
 RT: 12.43 min Scan# 1605  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.7  | 50.4  | 90.4  |
| 272     | 12.6  | 0.0   | 31.8  |





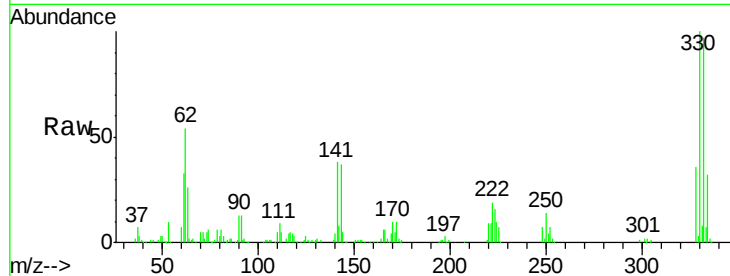
#41  
 2,4,6-Tribromophenol  
 Concen: 86.886 ng  
 RT: 15.76 min Scan# 2172  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

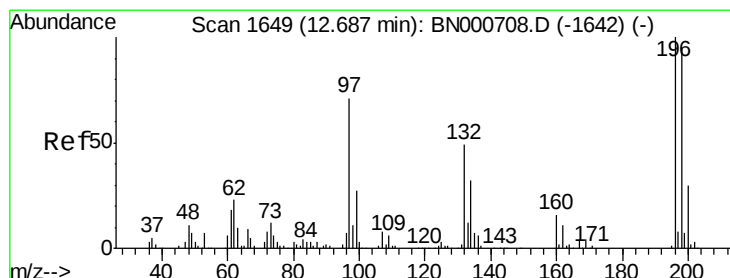
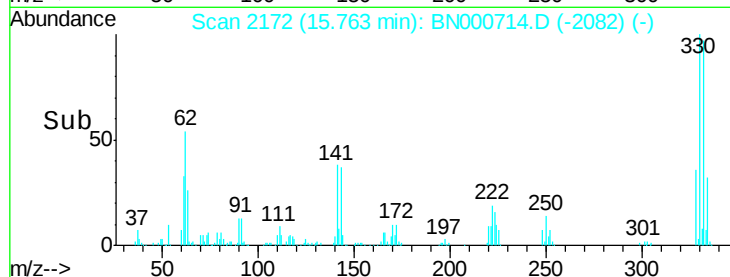
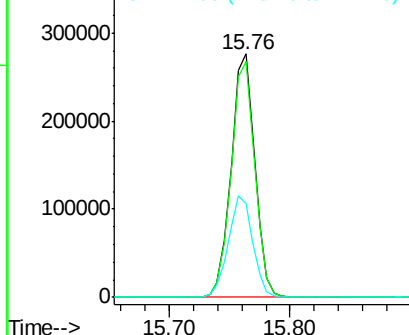
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 378641 |       |       |
| 332     | 96.9  | 77.0   | 115.6 |       |
| 141     | 42.7  | 25.2   | 37.8# |       |

Manual Integrations  
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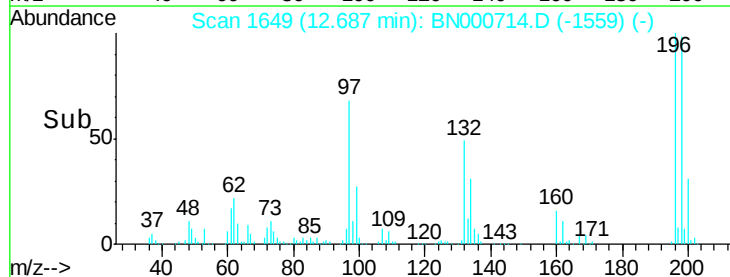
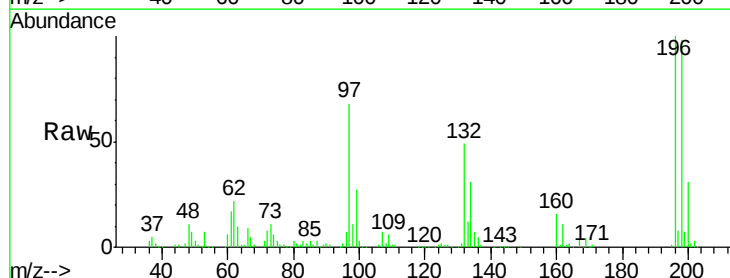
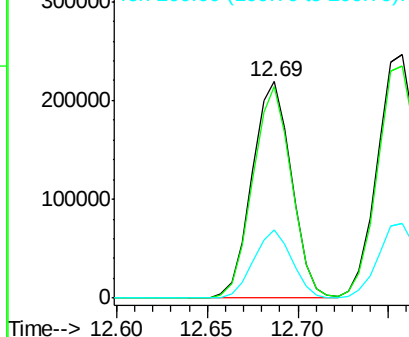
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

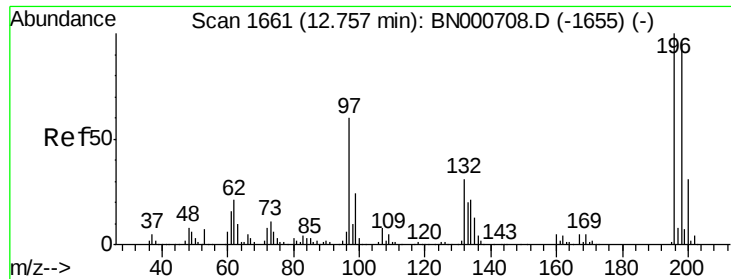


#42  
 2,4,6-Trichlorophenol  
 Concen: 41.102 ng  
 RT: 12.69 min Scan# 1649  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 331234 |       |       |
| 198     | 97.8  | 78.2   | 117.2 |       |
| 200     | 31.4  | 24.6   | 36.8  |       |

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





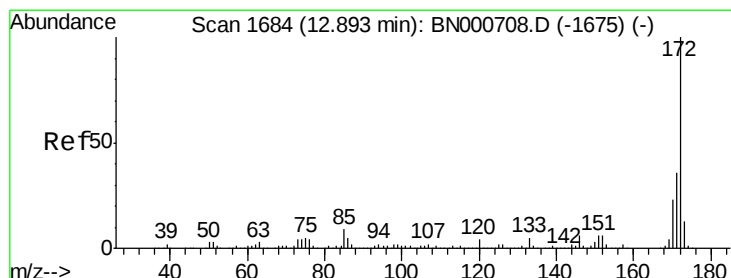
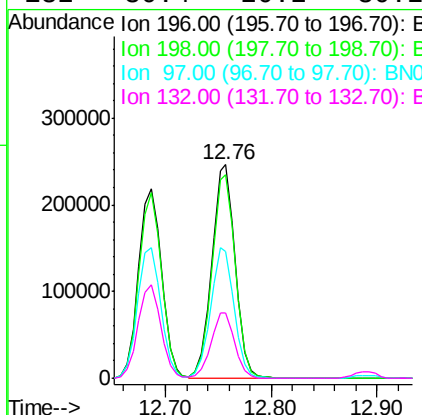
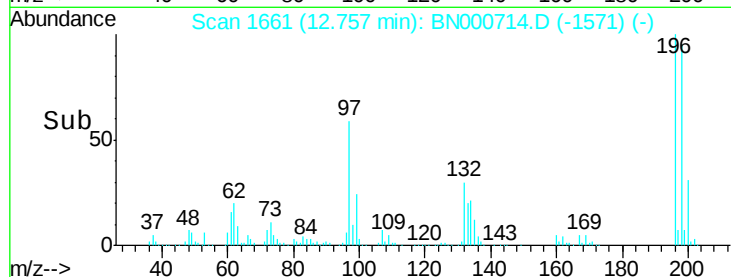
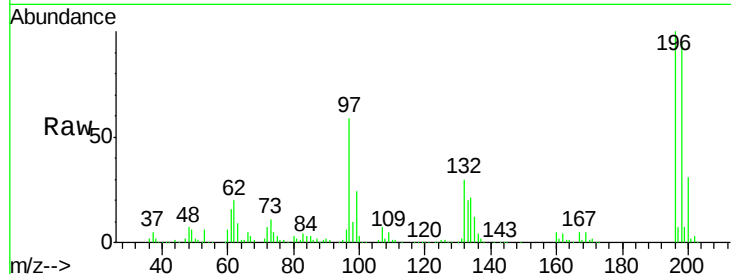
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.727 ng  
 RT: 12.76 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 196   | Resp  | 381451 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.4  | 76.2  | 114.4  |
| 97        | 59.4  | 38.7  | 58.1#  |
| 132       | 30.4  | 20.2  | 30.2#  |

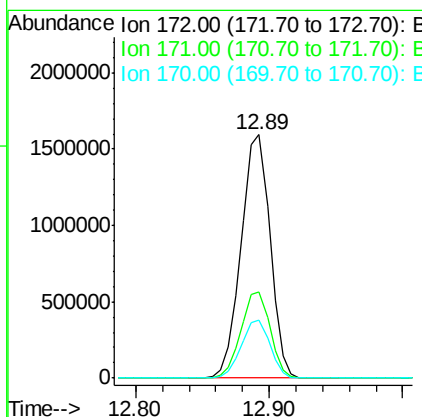
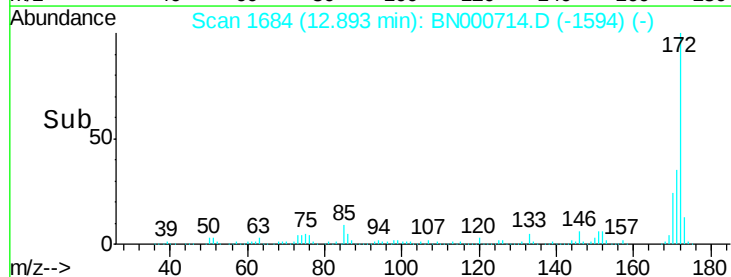
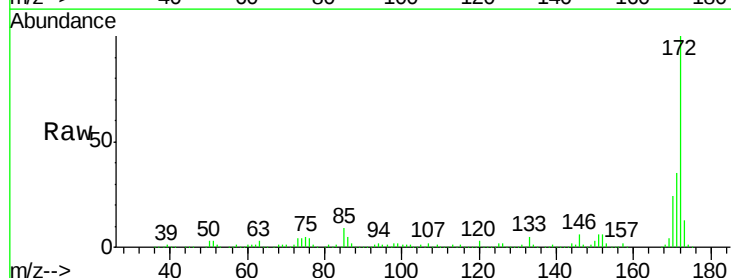
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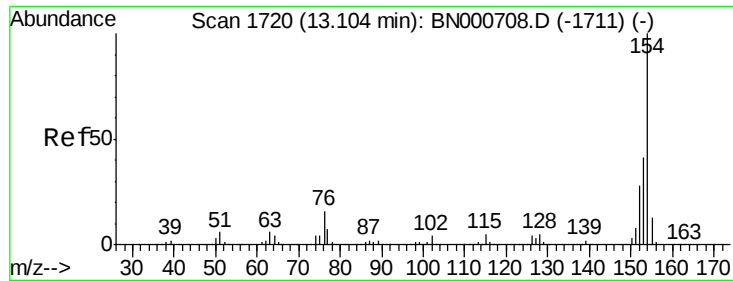
Sohil  
 4/10/2018 3:38:22 PM



#44  
 2-Fluorobiphenyl  
 Concen: 74.432 ng  
 RT: 12.89 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion   | 172   | Resp  | 2393762 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 35.5  | 30.0  | 45.0    |
| 170       | 23.6  | 19.5  | 29.3    |





#45

1,1'-Biphenyl

Concen: 38.035 ng

RT: 13.10 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1513479

Ion Ratio Lower Upper

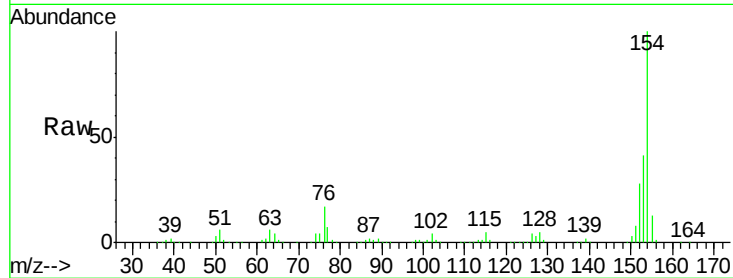
154 100

153 40.8 19.8 59.8

76 17.1 0.0 31.9

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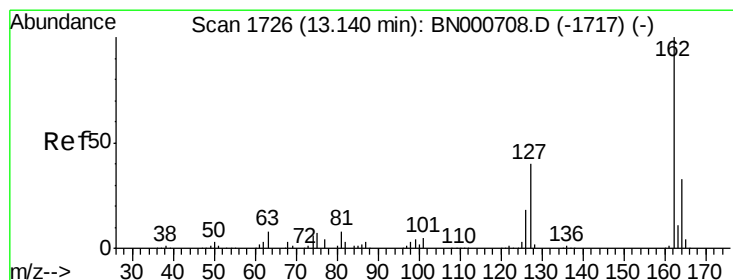
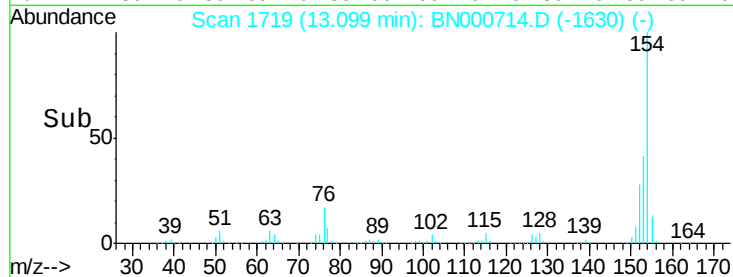
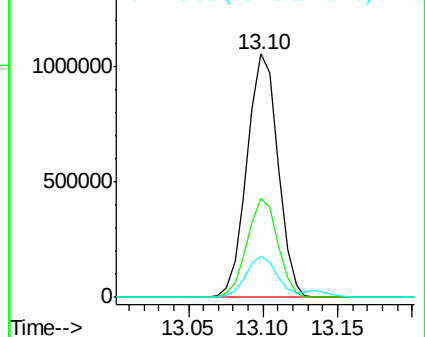
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 37.939 ng

RT: 13.13 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

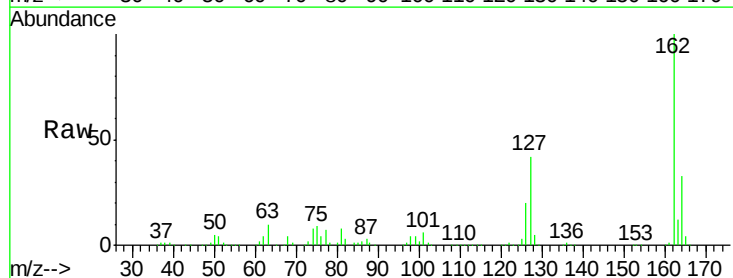
Tgt Ion:162 Resp: 1134552

Ion Ratio Lower Upper

162 100

127 41.9 30.7 46.1

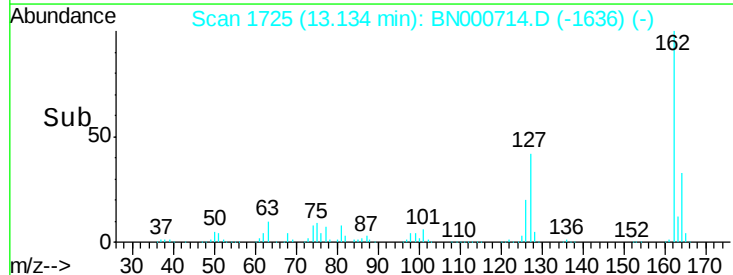
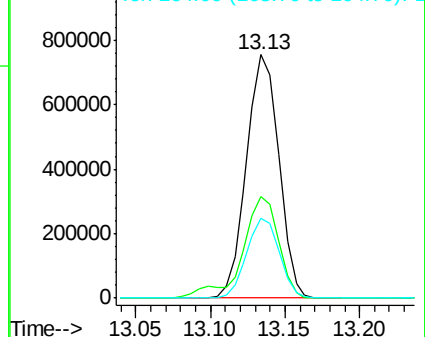
164 33.0 26.0 39.0

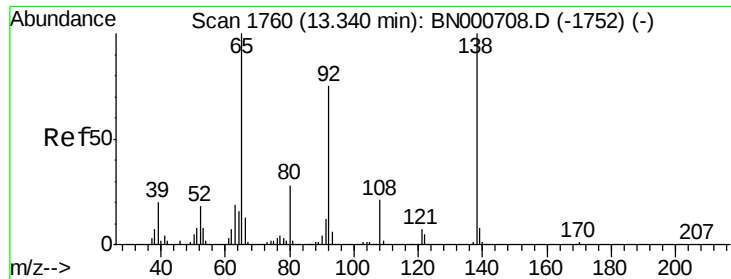


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





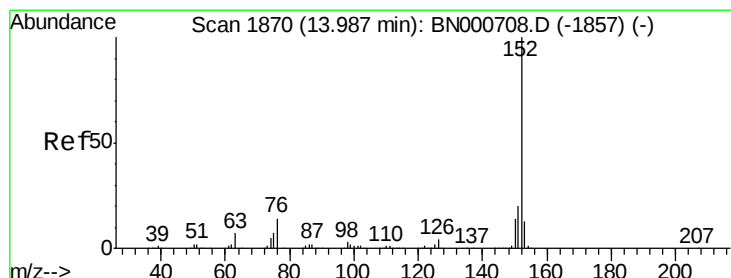
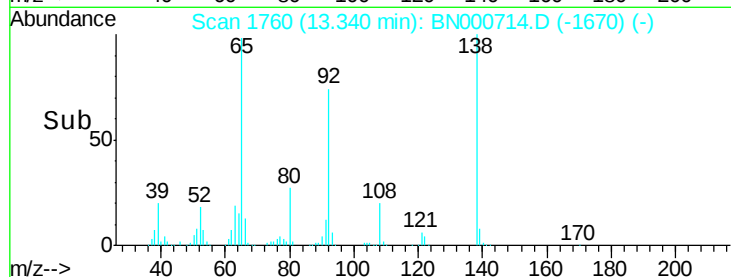
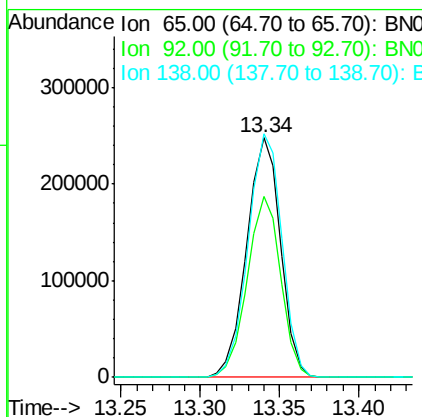
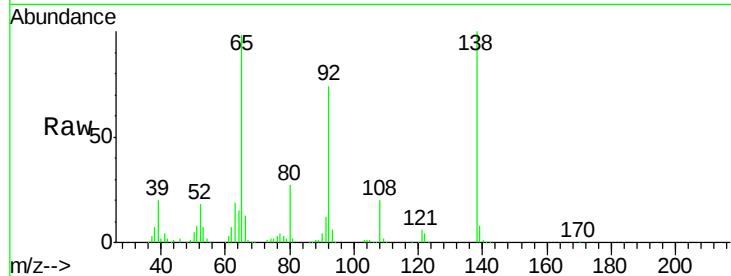
#47  
2-Nitroaniline  
Concen: 43.517 ng  
RT: 13.34 min Scan# 1760  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 75.4  | 54.6  | 82.0  |
| 138     | 101.7 | 72.9  | 109.3 |

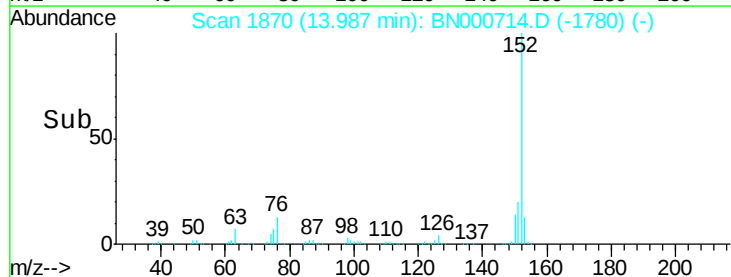
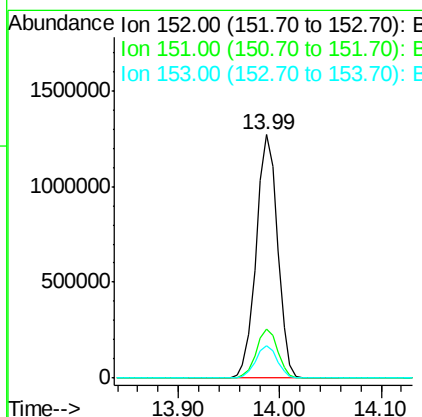
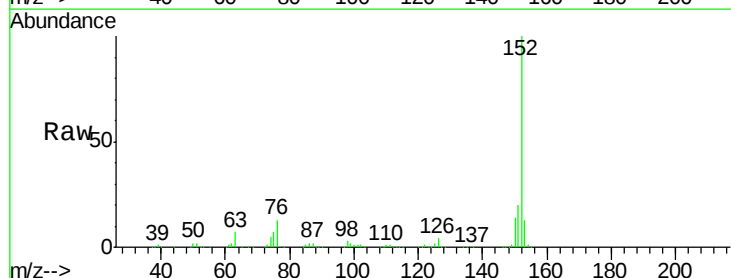
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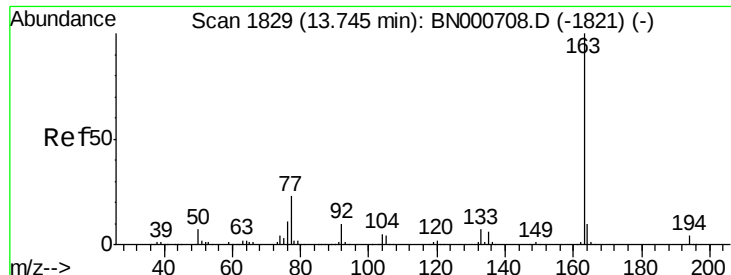
Sohil  
4/10/2018 3:38:22 PM



#48  
Acenaphthylene  
Concen: 39.806 ng  
RT: 13.99 min Scan# 1870  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 17.2  | 25.8  |
| 153     | 13.2  | 10.2  | 15.4  |





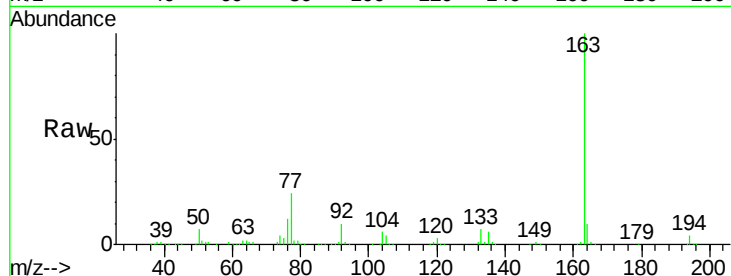
#49  
Dimethylphthalate  
Concen: 40.956 ng  
RT: 13.74 min Scan# 1828  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

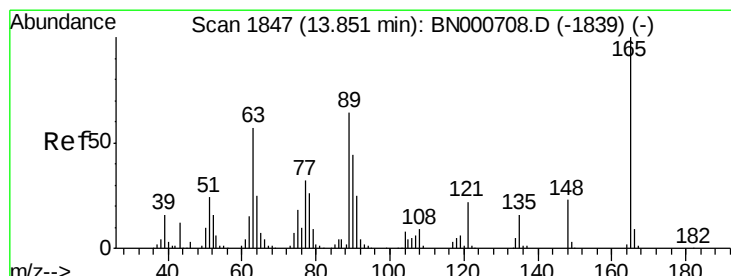
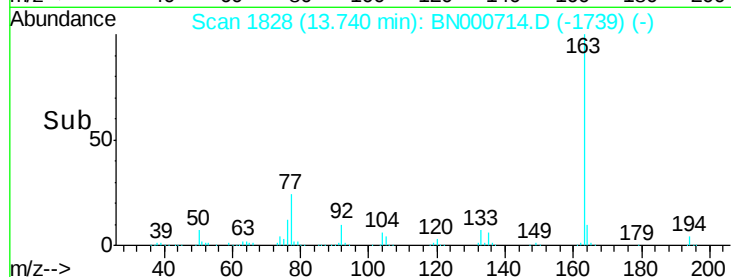
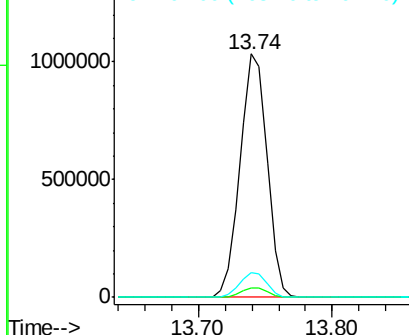
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.9   | 3.4   | 5.2   |
| 164     | 10.1  | 8.2   | 12.4  |

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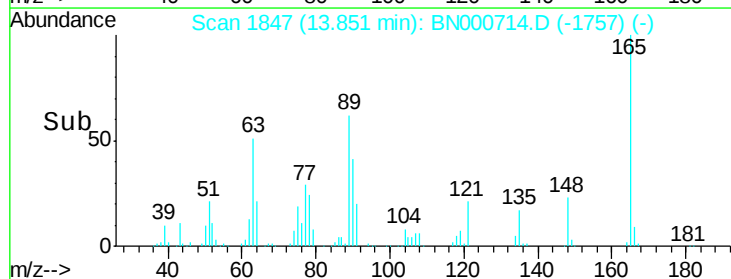
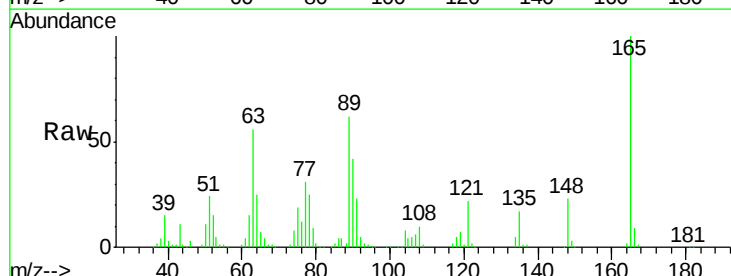
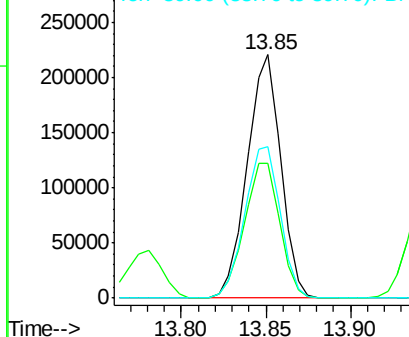
Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

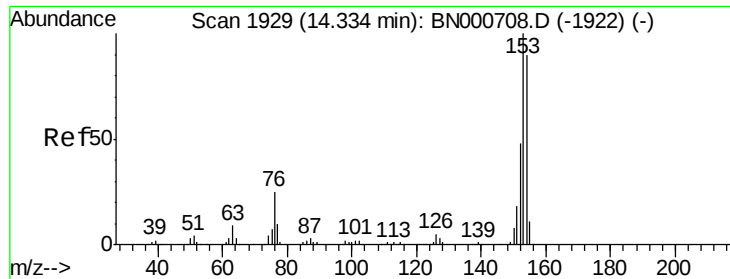


#50  
2,6-Dinitrotoluene  
Concen: 41.988 ng  
RT: 13.85 min Scan# 1847  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.5  | 52.7  | 79.1  |
| 89      | 62.3  | 49.2  | 73.8  |

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





#51

Acenaphthene

Concen: 38.566 ng

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1122891

Ion Ratio Lower Upper

154 100

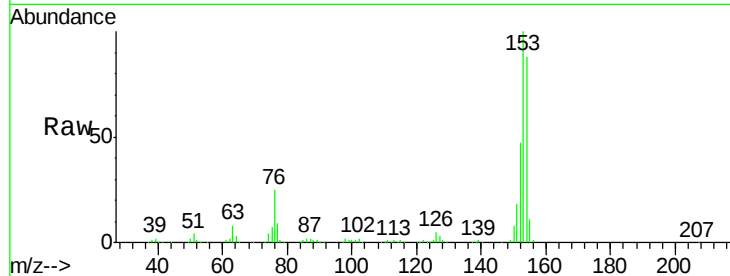
153 113.1 90.4 135.6

152 53.2 41.6 62.4

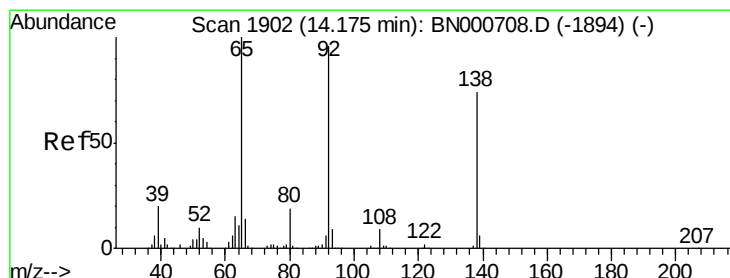
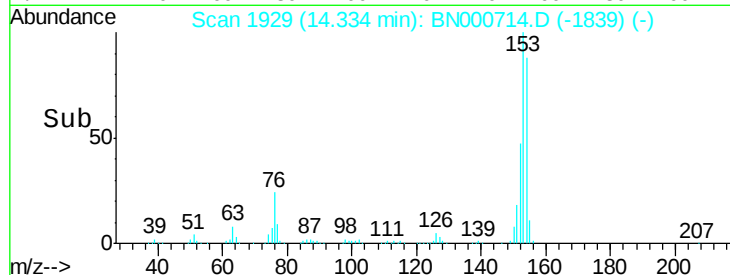
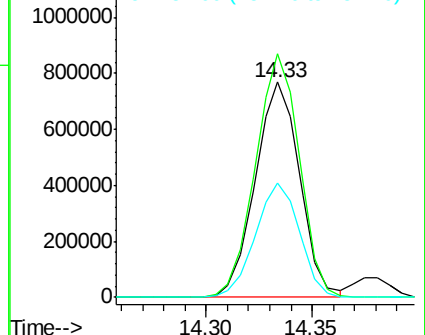
Manual Integrations  
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.149 ng

RT: 14.17 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

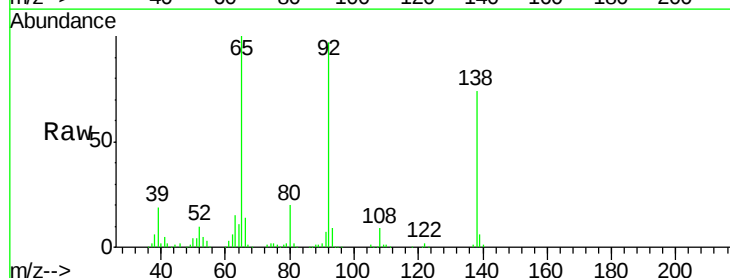
Tgt Ion:138 Resp: 361048

Ion Ratio Lower Upper

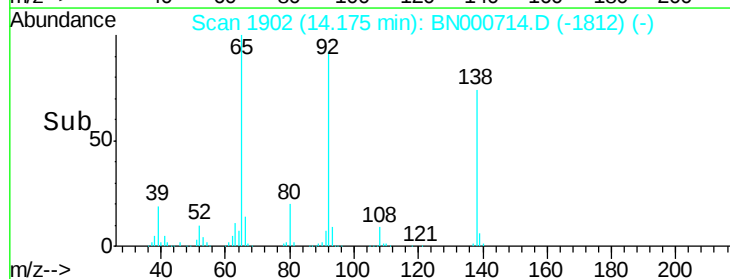
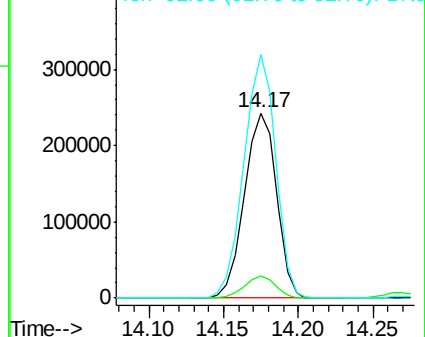
138 100

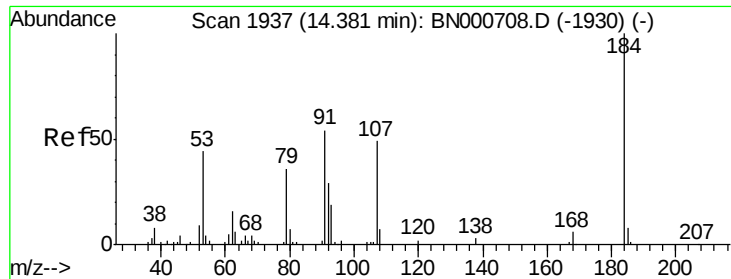
108 12.0 17.5 26.3#

92 131.8 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BNC





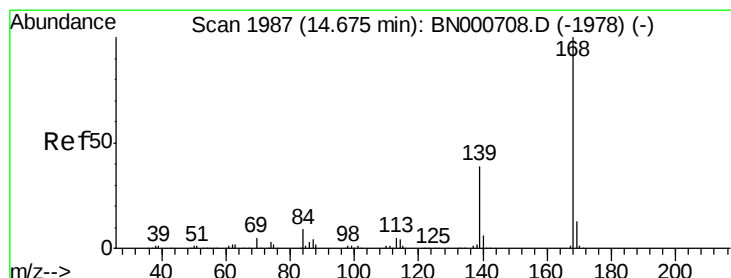
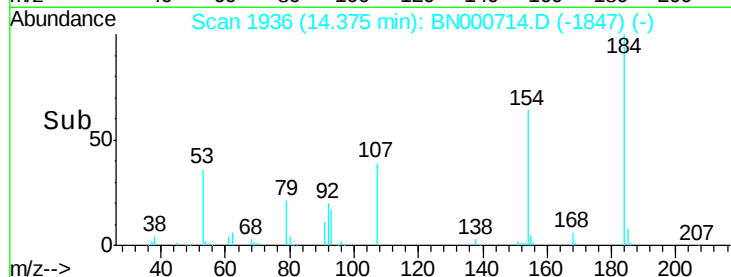
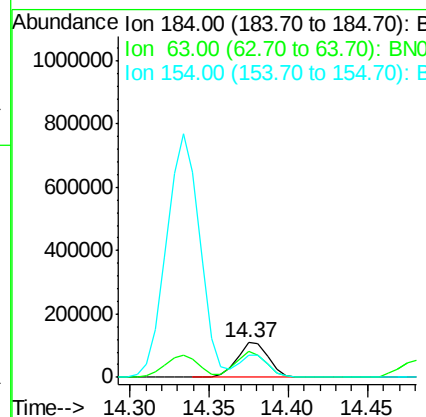
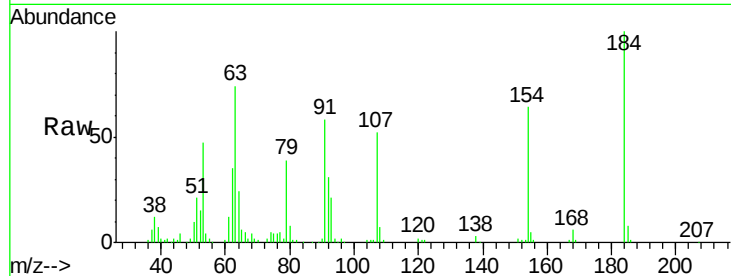
#53  
 2,4-Dinitrophenol  
 Concen: 42.509 ng  
 RT: 14.37 min Scan# 1936  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 151067 |       |       |
| 63      | 73.8  | 56.0   | 84.0  |       |
| 154     | 64.4  | 48.0   | 72.0  |       |

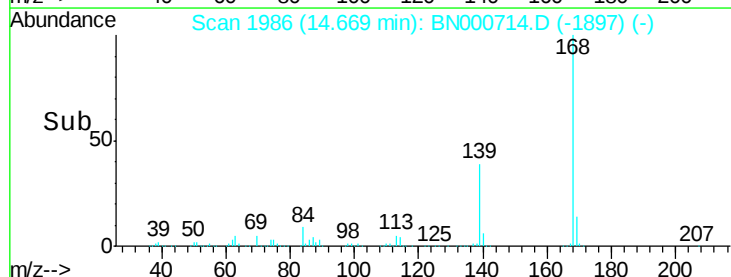
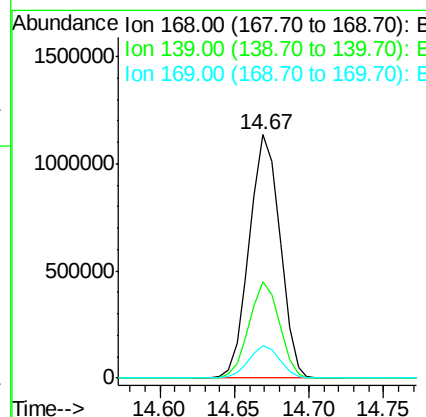
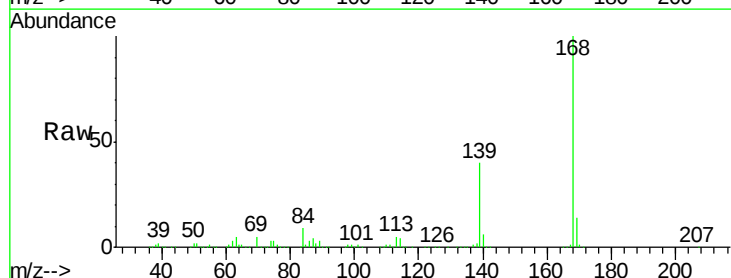
Manual Integrations  
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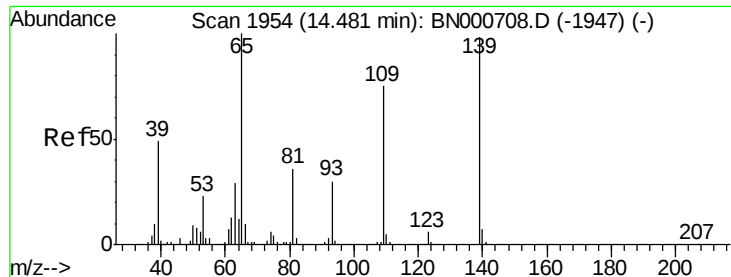
Sohil  
 4/10/2018 3:38:22 PM



#54  
 Dibenzofuran  
 Concen: 38.643 ng  
 RT: 14.67 min Scan# 1986  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1617488 |       |       |
| 139     | 39.5  | 28.6    | 43.0  |       |
| 169     | 13.6  | 11.2    | 16.8  |       |





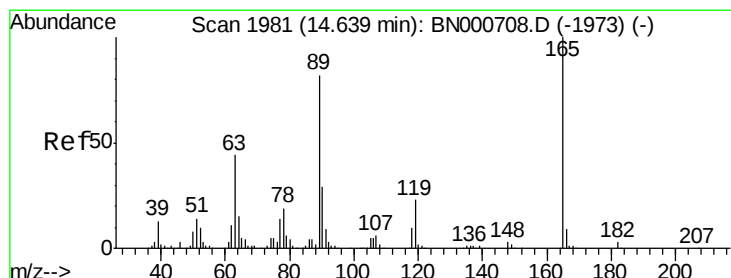
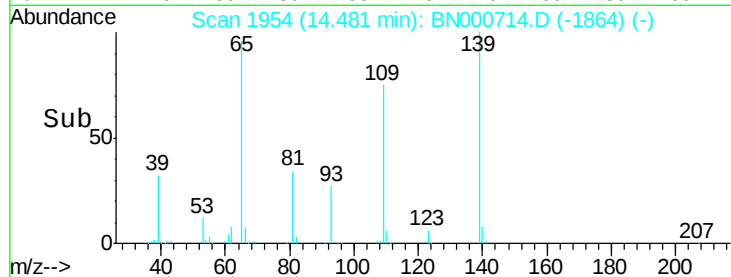
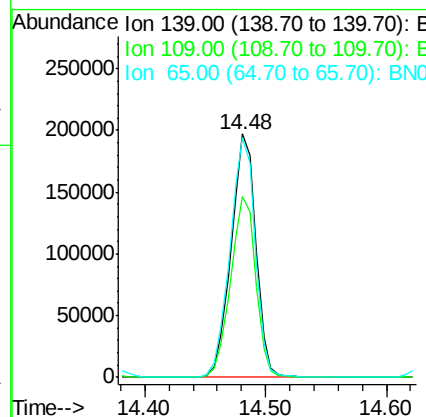
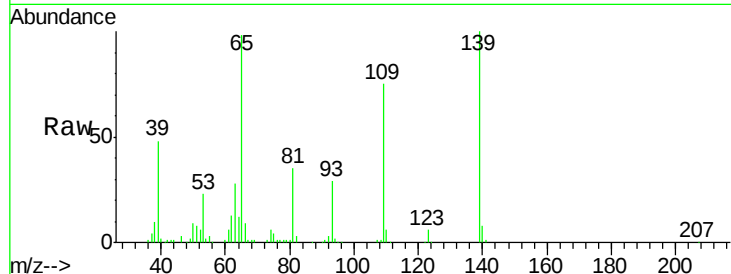
#55  
4-Nitrophenol  
Concen: 44.208 ng  
RT: 14.48 min Scan# 1954  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 281549 |       |       |
| 109     | 74.5  | 62.2   | 102.2 |       |
| 65      | 98.4  | 97.2   | 137.2 |       |

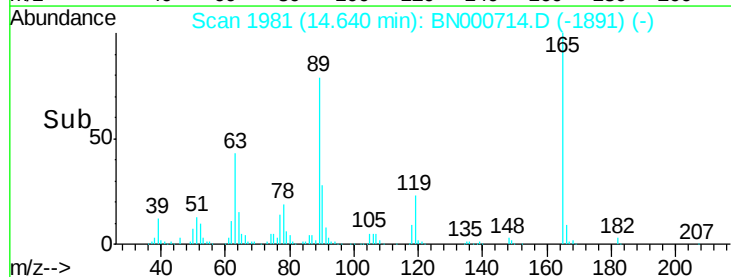
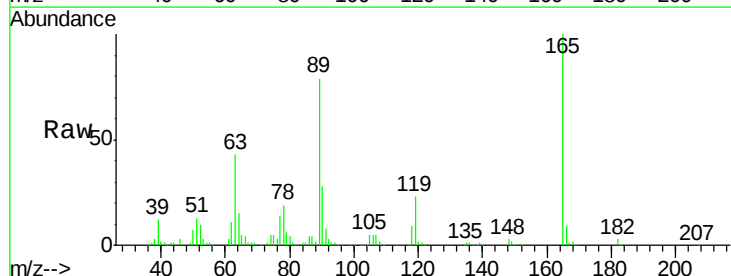
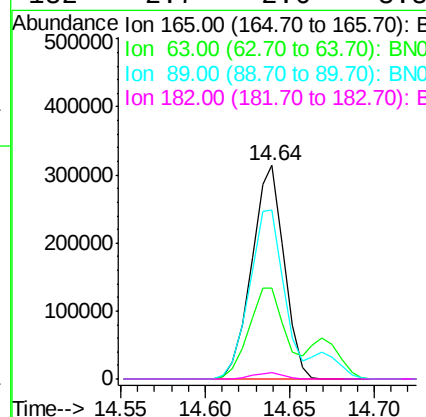
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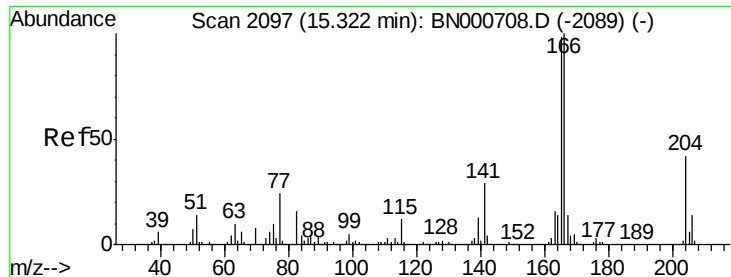
Sohil  
4/10/2018 3:38:22 PM



#56  
2,4-Dinitrotoluene  
Concen: 44.103 ng  
RT: 14.64 min Scan# 1981  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 418377 |       |       |
| 63      | 42.6  | 42.0   | 63.0  |       |
| 89      | 79.2  | 66.9   | 100.3 |       |
| 182     | 2.7   | 2.6    | 3.8   |       |





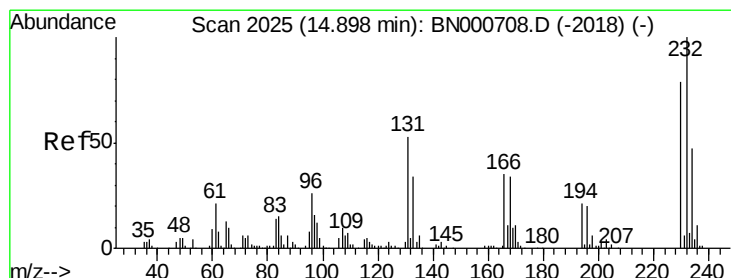
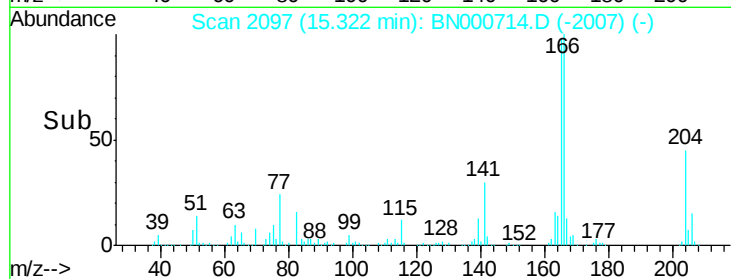
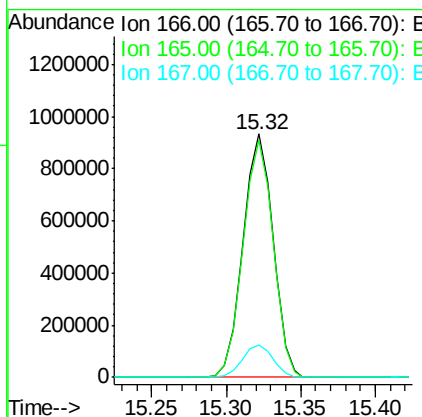
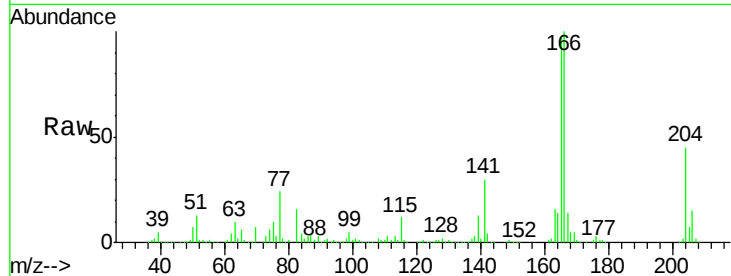
#57  
 Fluorene  
 Concen: 39.312 ng  
 RT: 15.32 min Scan# 2097  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.5  | 80.6  | 121.0 |
| 167     | 13.5  | 10.4  | 15.6  |

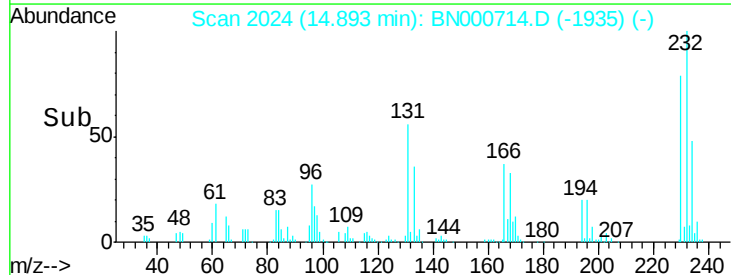
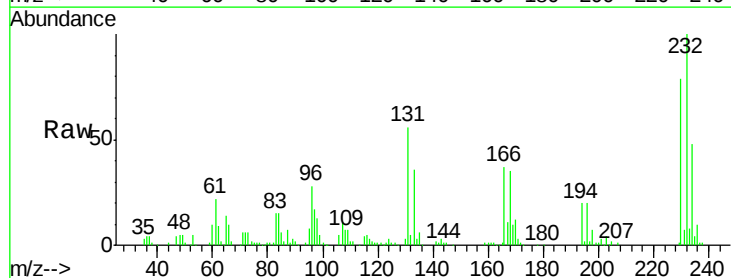
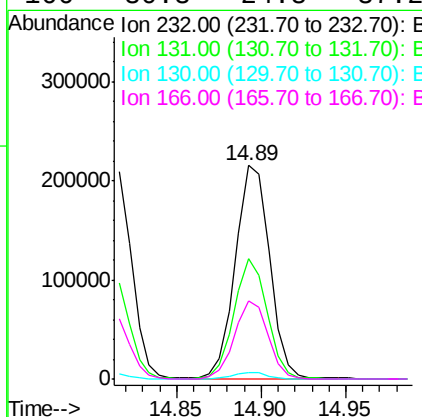
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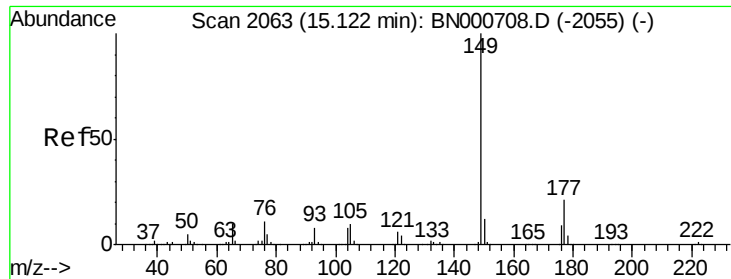
Sohil  
 4/10/2018 3:38:22 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.842 ng m  
 RT: 14.89 min Scan# 2024  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 50.7  | 33.5  | 50.3# |
| 130     | 3.0   | 2.2   | 3.2   |
| 166     | 30.3  | 24.8  | 37.2  |





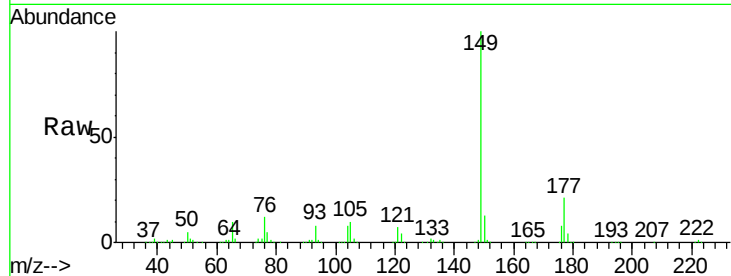
#59  
Diethylphthalate  
Concen: 42.406 ng  
RT: 15.12 min Scan# 2062  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampled :  
SSTDCCC040

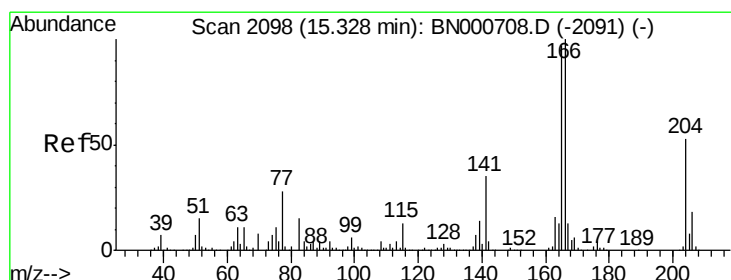
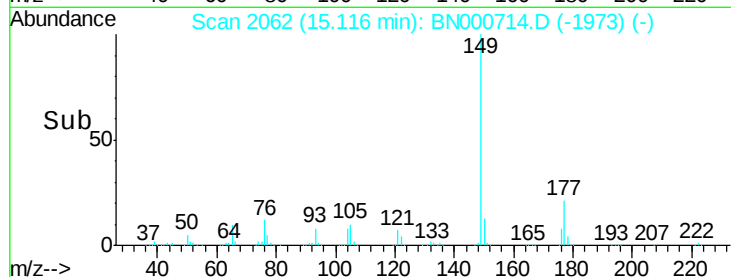
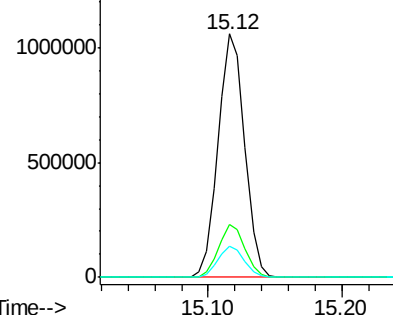
Tot Ion:149 Resp: 1470443  
Ion Ratio Lower Upper  
149 100  
177 21.5 18.5 27.7  
150 12.6 10.2 15.2

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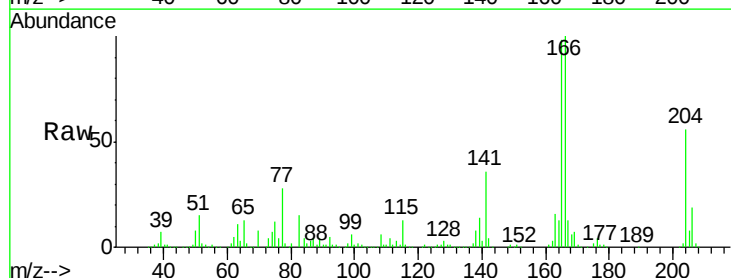


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

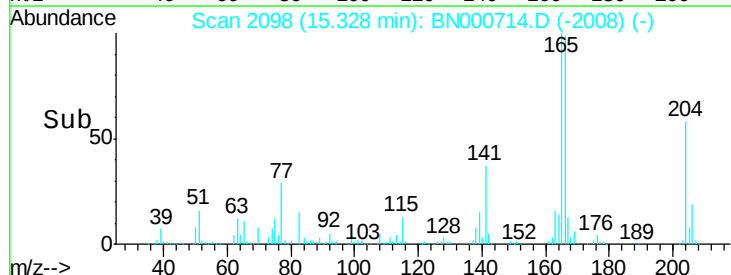
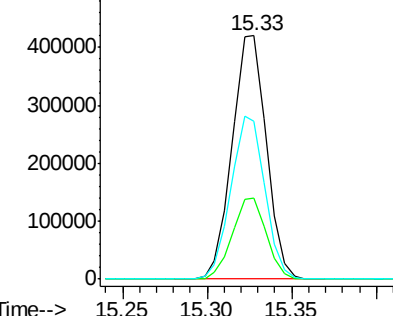


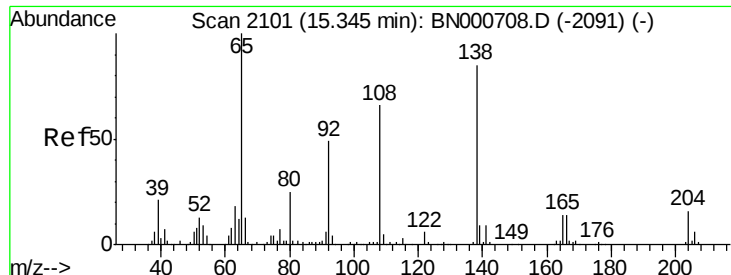
#60  
4-Chlorophenyl-phenylether  
Concen: 38.489 ng  
RT: 15.33 min Scan# 2098  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Tgt Ion:204 Resp: 594858  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.2  
141 65.0 45.8 68.6



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





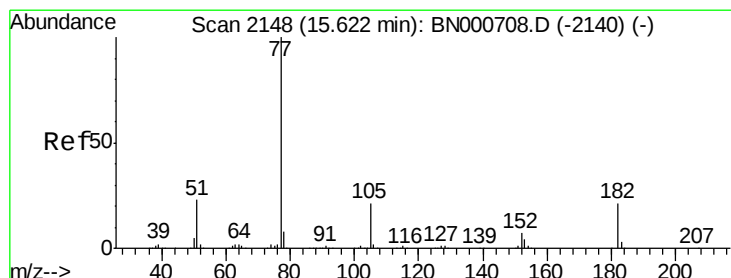
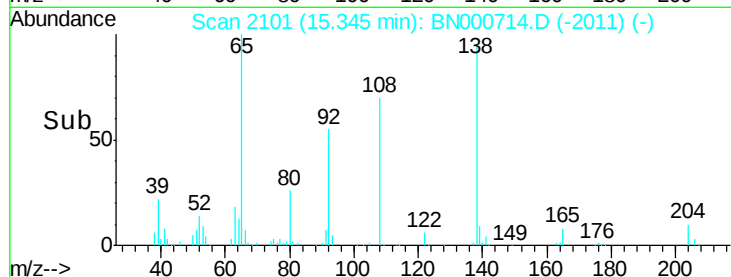
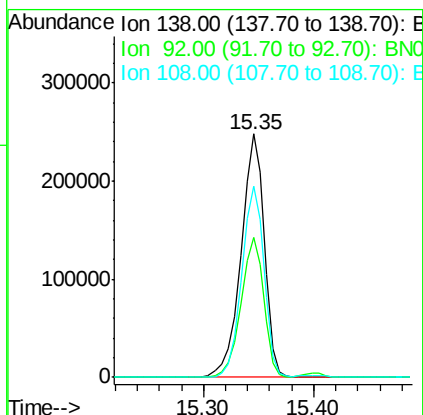
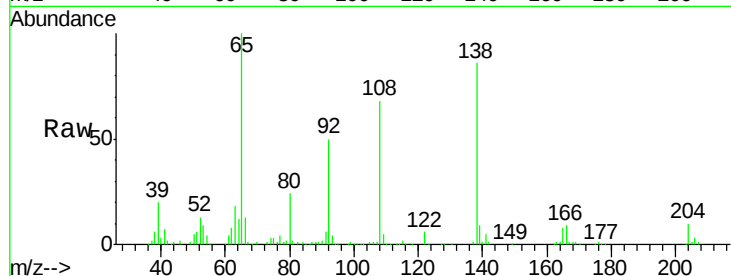
#61  
4-Nitroaniline  
Concen: 44.997 ng  
RT: 15.35 min Scan# 2101  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.6  | 40.1  | 80.1  |
| 108     | 78.6  | 65.4  | 105.4 |

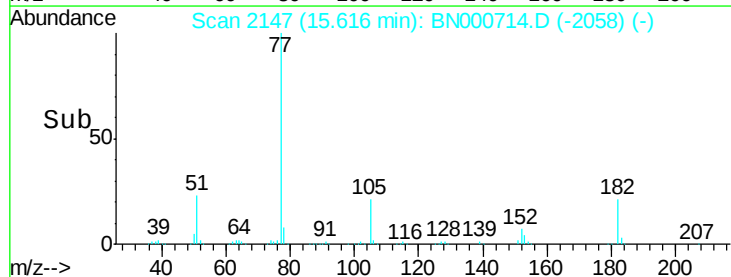
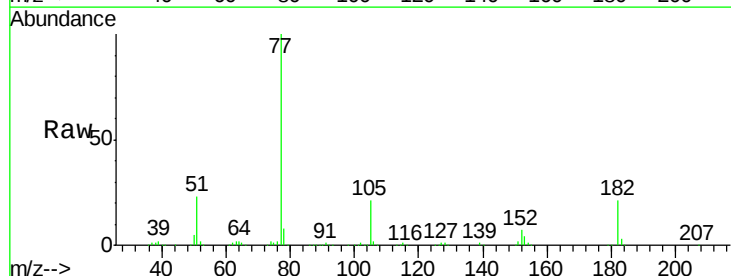
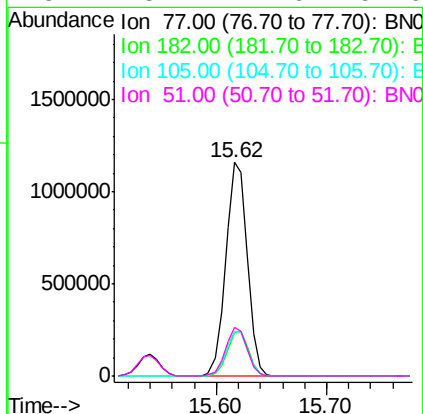
Manual Integrations  
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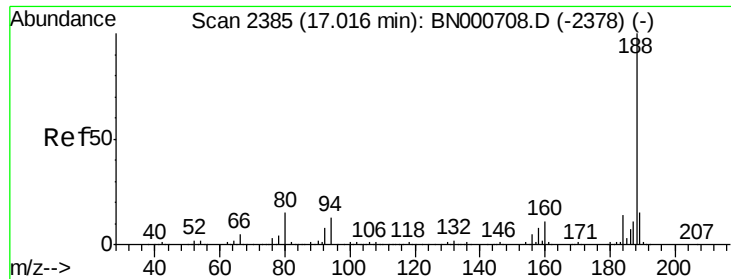
Sohil  
4/10/2018 3:38:22 PM



#62  
Azobenzene  
Concen: 41.275 ng  
RT: 15.62 min Scan# 2147  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 20.6  | 7.4   | 47.4  |
| 105     | 21.0  | 0.3   | 40.3  |
| 51      | 23.1  | 11.6  | 51.6  |





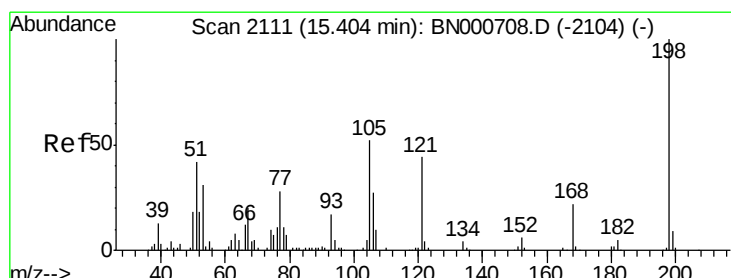
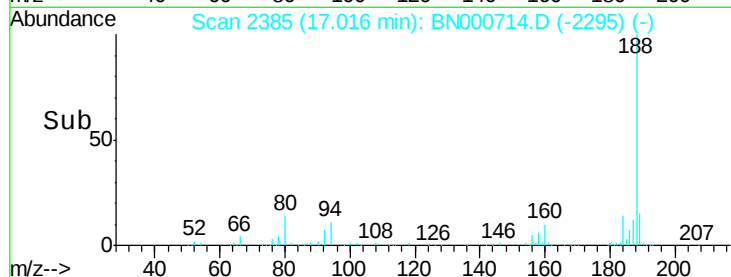
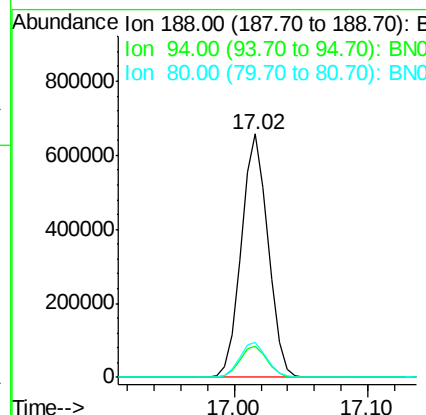
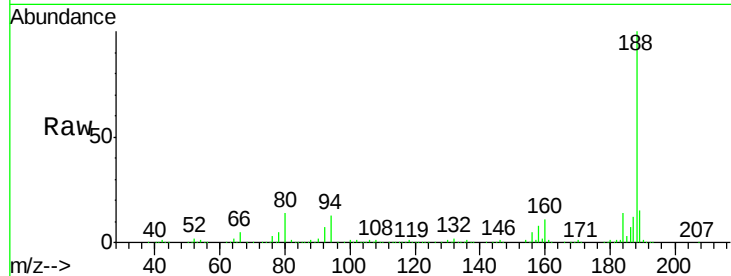
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.02 min Scan# 2385  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 12.9  | 6.9        | 10.3# |
| 80      | 14.4  | 7.7        | 11.5# |

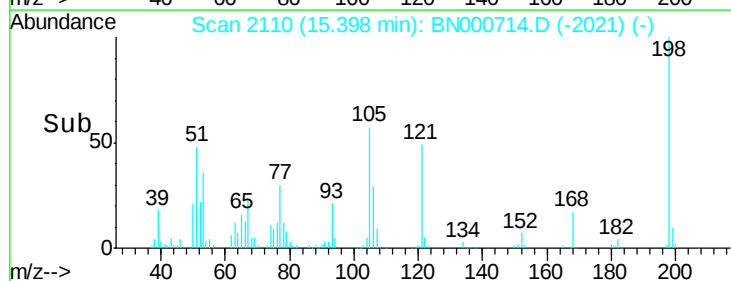
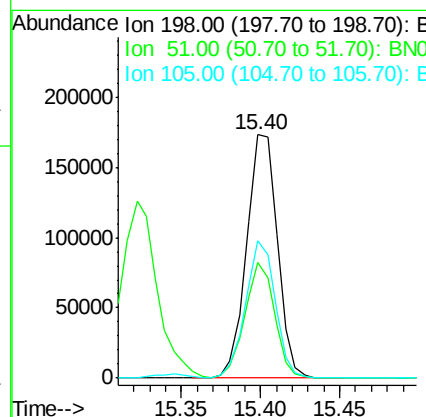
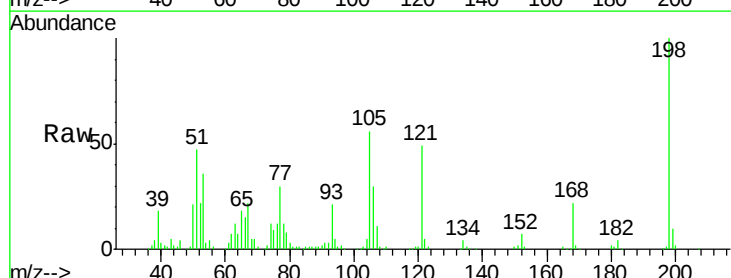
Manual Integrations  
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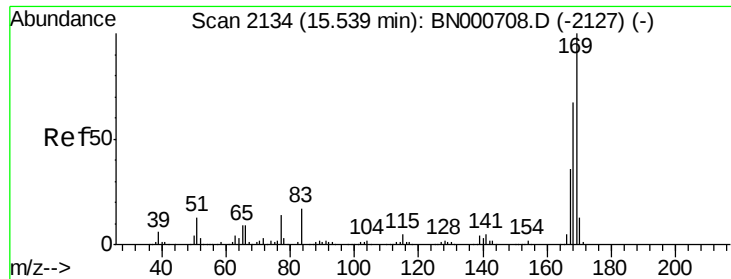
Sohil  
4/10/2018 3:38:22 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 43.363 ng  
RT: 15.40 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 47.4  | 30.6       | 70.6  |
| 105     | 56.4  | 23.8       | 63.8  |





#65

n-Nitrosodiphenylamine

Concen: 38.794 ng

RT: 15.54 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 1175807

Ion Ratio Lower Upper

169 100

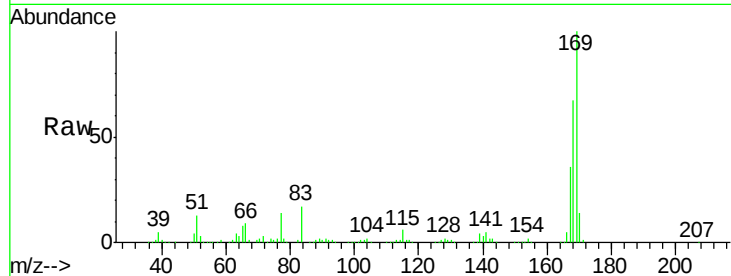
168 66.9 55.7 83.5

167 36.4 30.1 45.1

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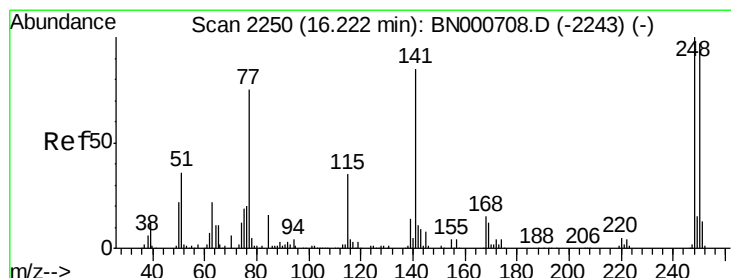
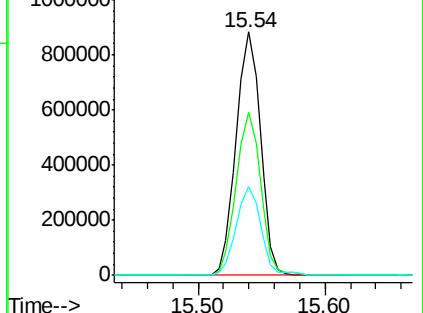
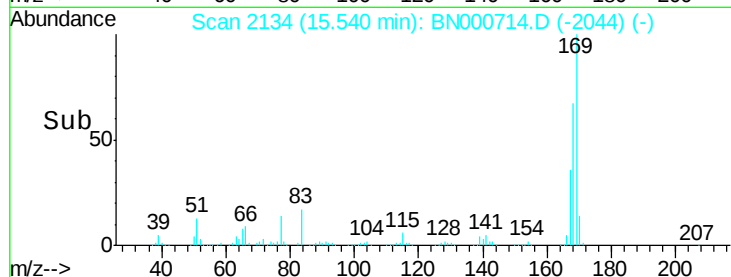
4/10/2018 3:38:22 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.859 ng

RT: 16.22 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

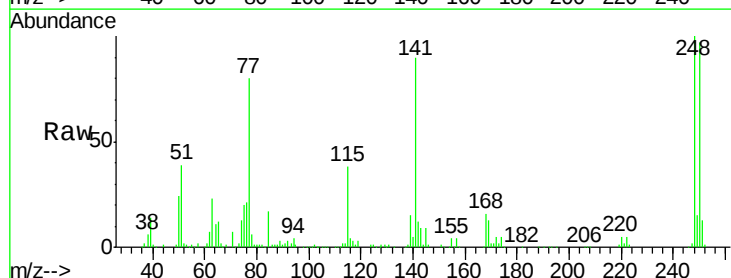
Tgt Ion:248 Resp: 352906

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

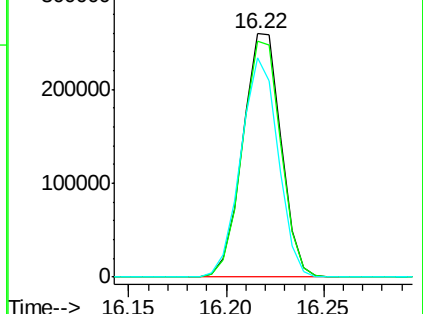
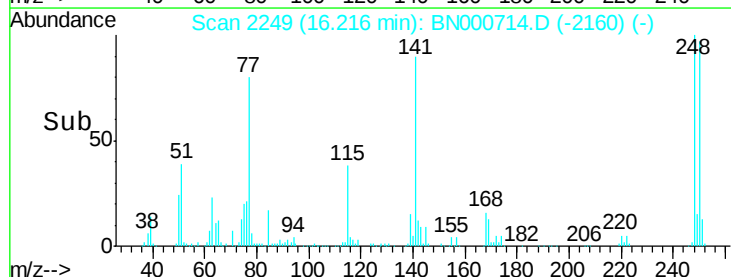
141 89.9 50.8 76.2#

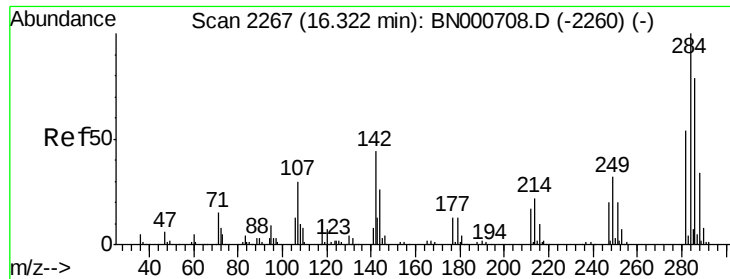


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.885 ng

RT: 16.32 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

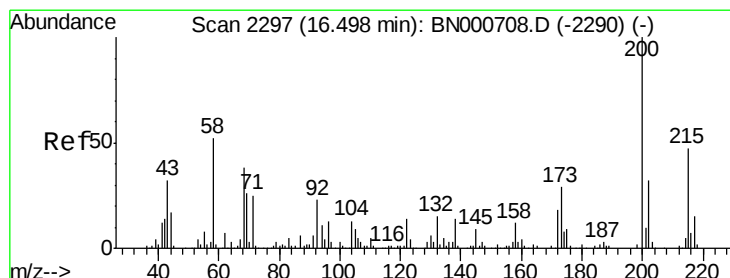
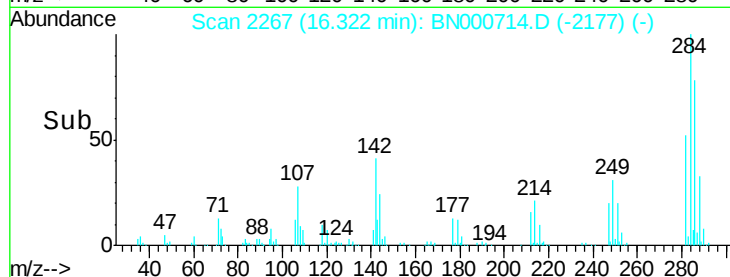
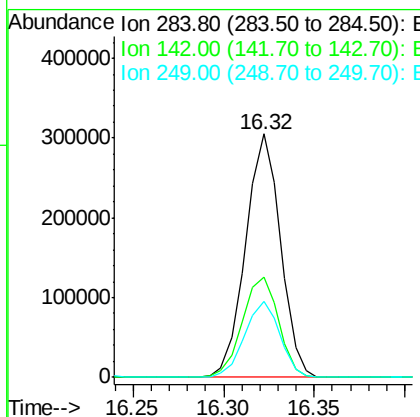
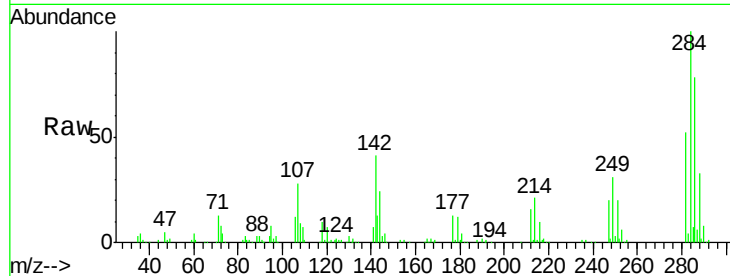
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 407729 |       |       |
| 142     | 41.4  | 26.8   | 40.2# |       |
| 249     | 31.0  | 26.3   | 39.5  |       |

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#68

Atrazine

Concen: 44.151 ng

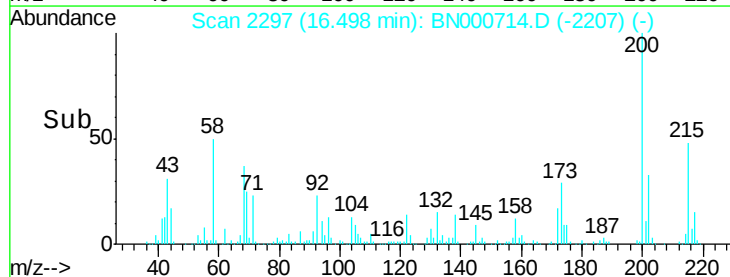
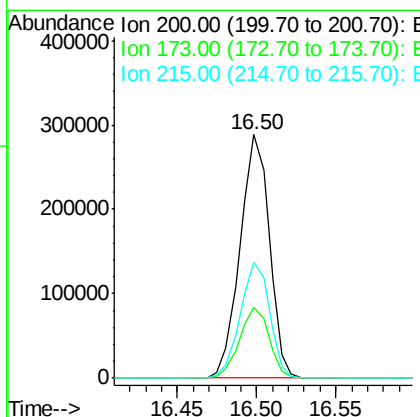
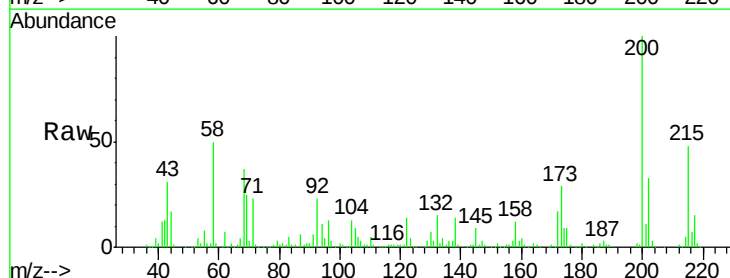
RT: 16.50 min Scan# 2297

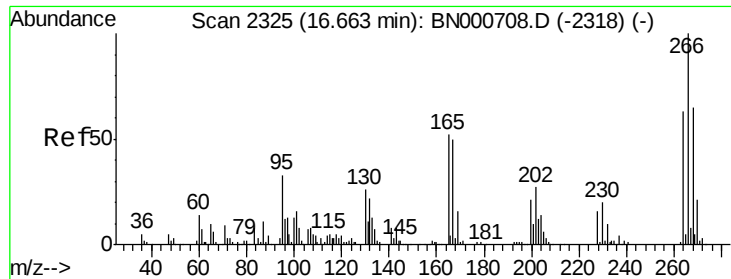
Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 370277 |       |       |
| 173     | 28.9  | 5.2    | 45.2  |       |
| 215     | 47.7  | 30.4   | 70.4  |       |





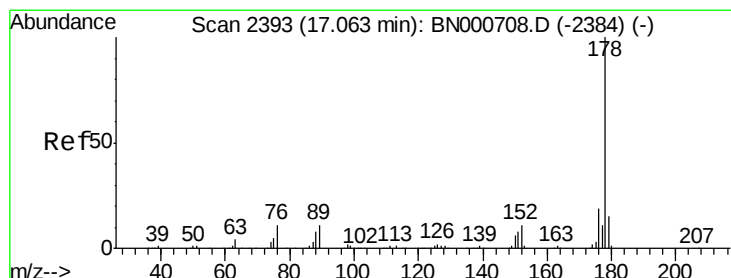
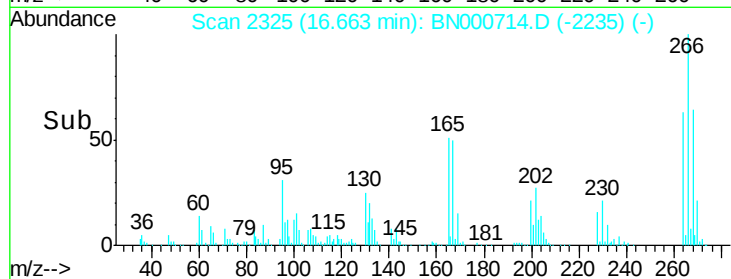
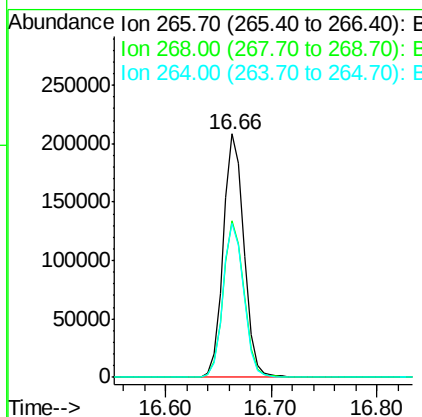
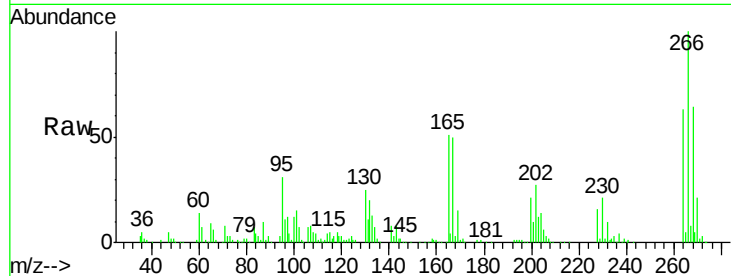
#69  
 Pentachlorophenol  
 Concen: 41.661 ng  
 RT: 16.66 min Scan# 2325  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 51.1  | 76.7  |
| 264     | 63.1  | 49.6  | 74.4  |

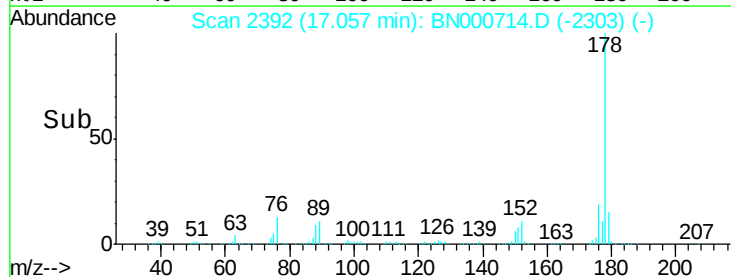
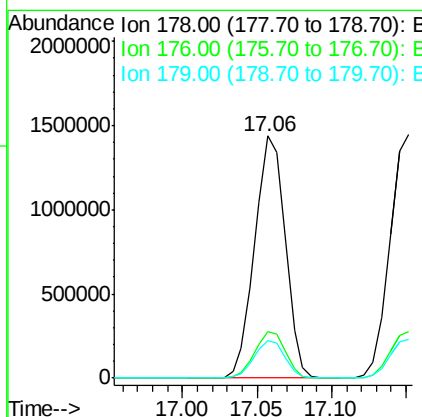
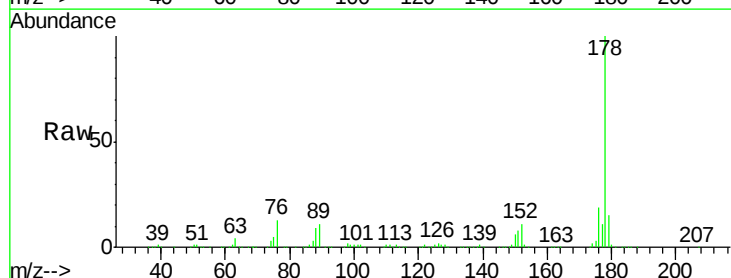
Manual Integrations  
 APPROVED

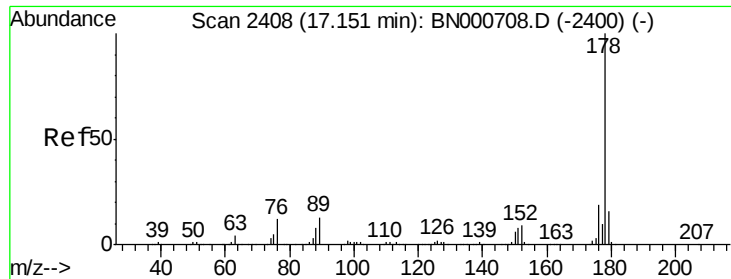
Sohil  
 4/10/2018 3:38:22 PM



#70  
 Phenanthrene  
 Concen: 38.479 ng  
 RT: 17.06 min Scan# 2392  
 Delta R.T. -0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.7  | 23.5  |
| 179     | 15.2  | 12.5  | 18.7  |





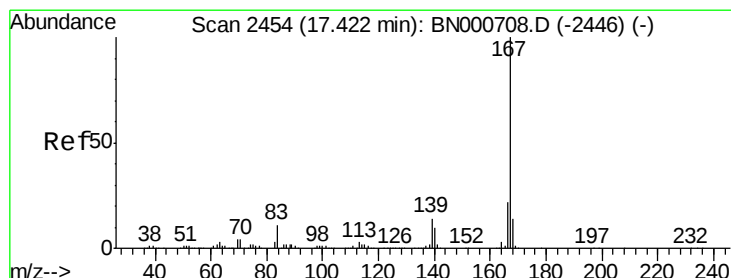
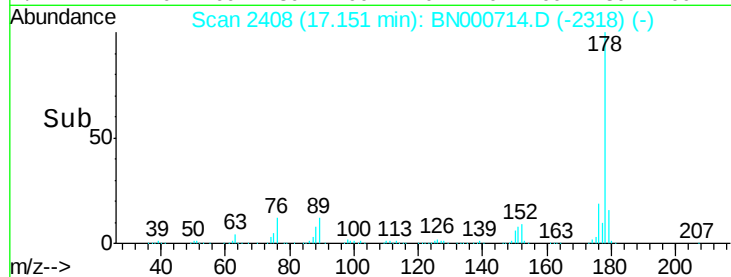
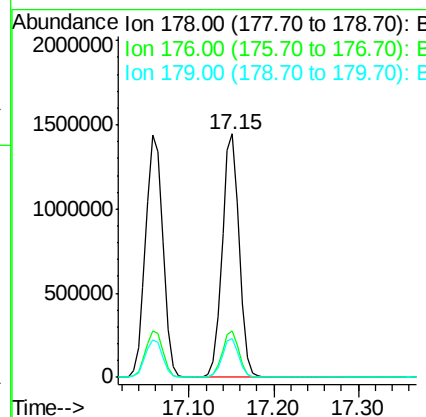
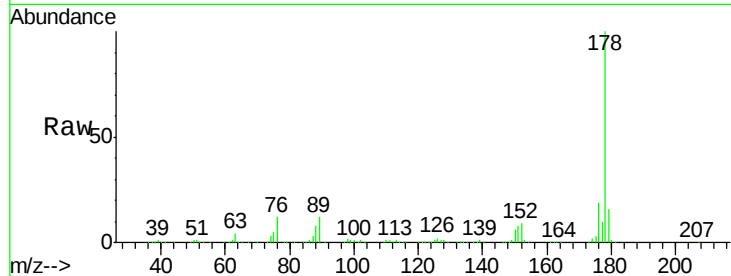
#71  
 Anthracene  
 Concen: 39.517 ng  
 RT: 17.15 min Scan# 2408  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 16.0  | 24.0  |
| 179     | 15.7  | 12.5  | 18.7  |

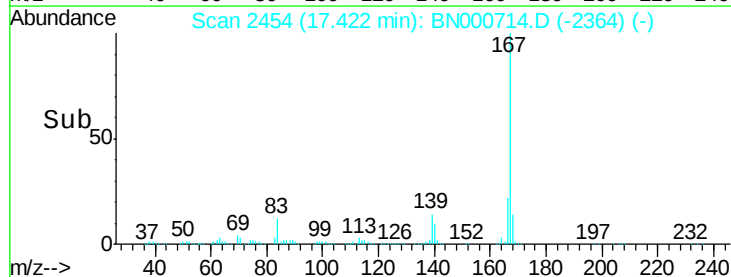
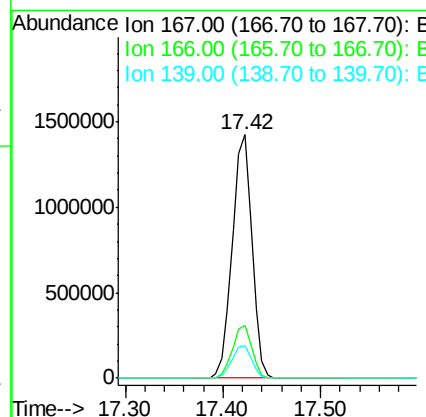
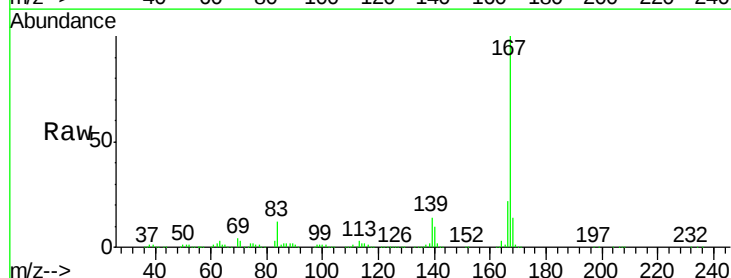
Manual Integrations  
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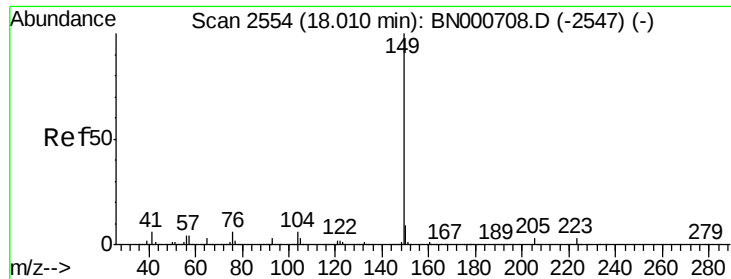
Sohil  
 4/10/2018 3:38:22 PM



#72  
 Carbazole  
 Concen: 40.895 ng  
 RT: 17.42 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.6  | 18.2  | 27.4  |
| 139     | 13.6  | 9.4   | 14.2  |





#73

Di-n-butylphthalate

Concen: 43.515 ng

RT: 18.01 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 2468199

Ion Ratio Lower Upper

149 100

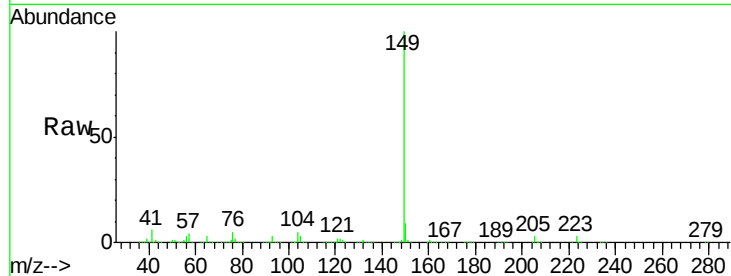
150 9.3 7.8 11.6

104 5.5 3.9 5.9

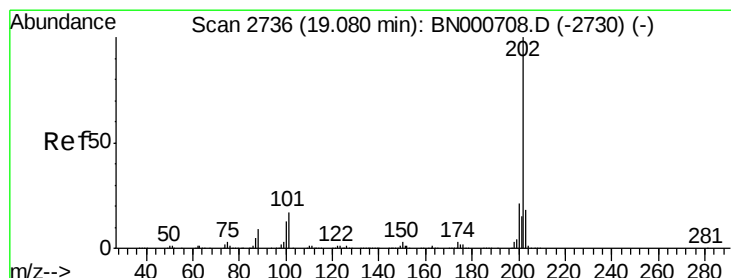
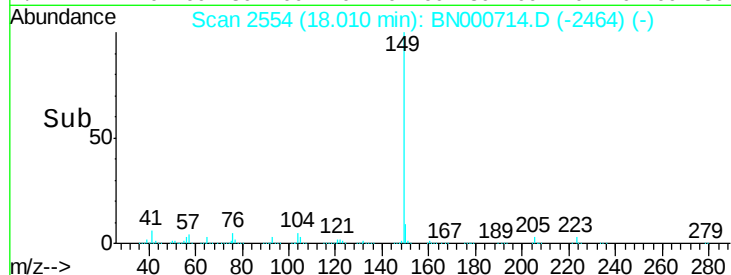
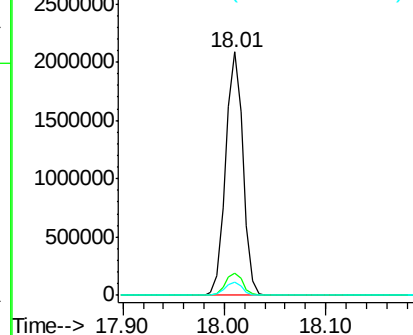
Manual Integrations  
APPROVED

Sohil

4/10/2018 3:38:22 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.217 ng

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

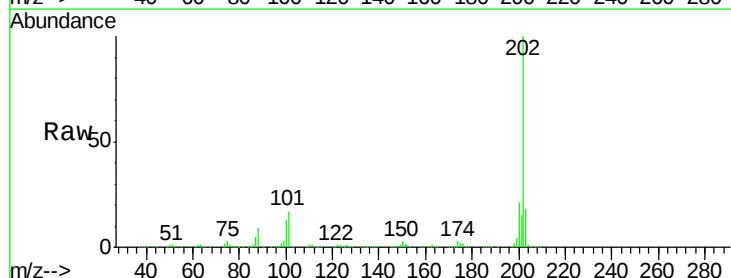
Tgt Ion:202 Resp: 2177807

Ion Ratio Lower Upper

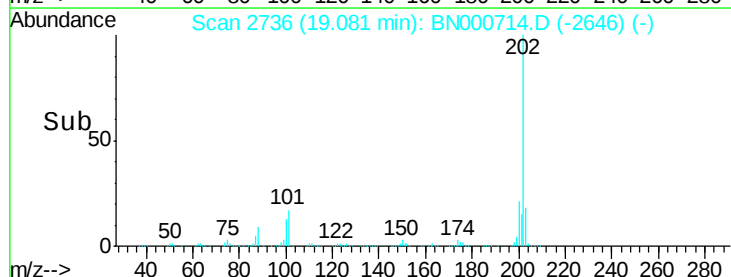
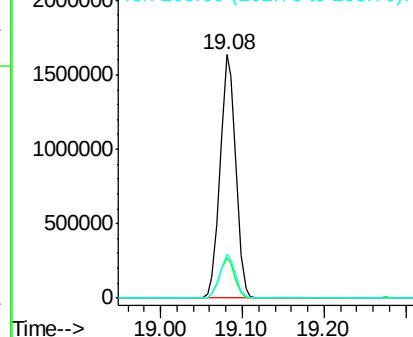
202 100

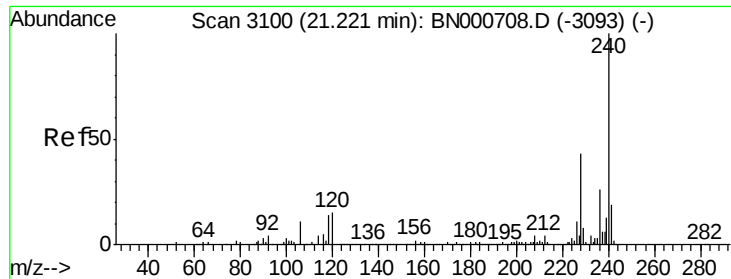
101 16.7 0.0 28.9

203 18.0 0.0 37.5



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





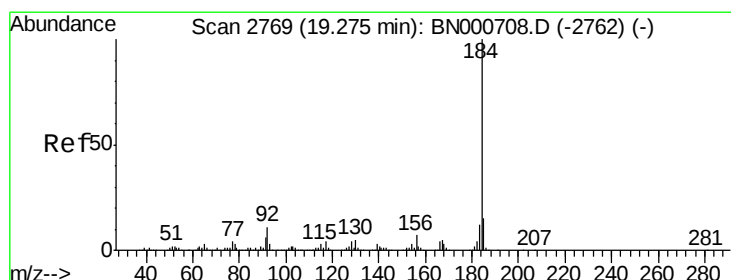
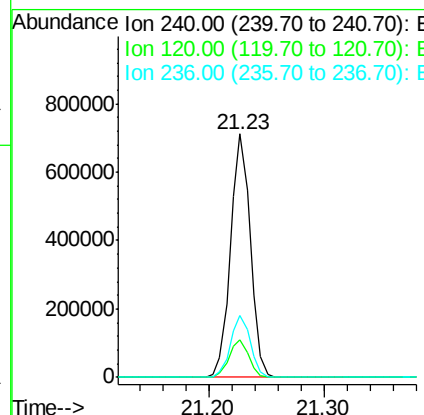
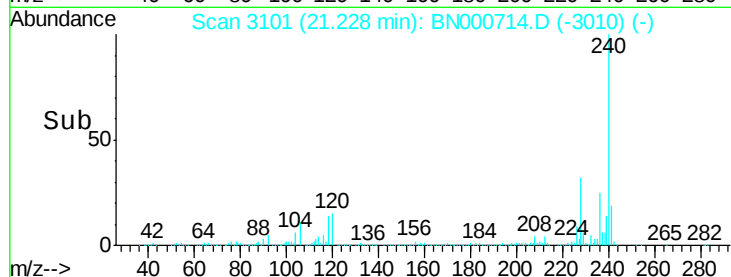
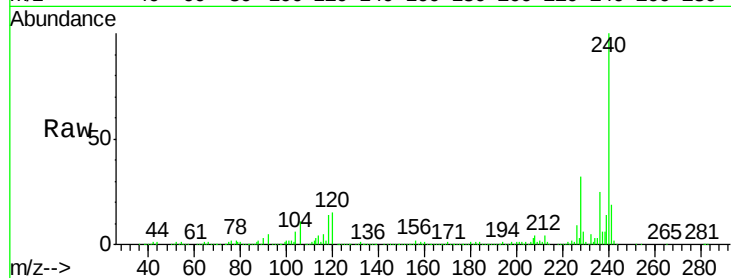
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.23 min Scan# 3101  
Delta R.T. 0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 842741 |       |       |
| 120     | 15.2  | 6.8    | 10.2# |       |
| 236     | 25.3  | 20.9   | 31.3  |       |

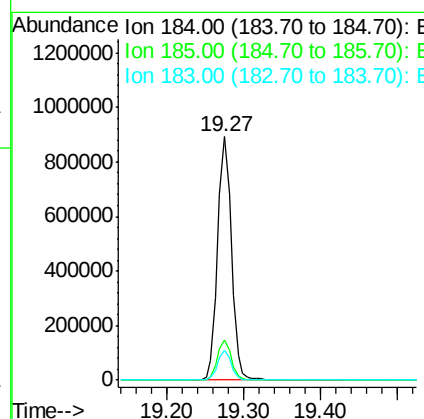
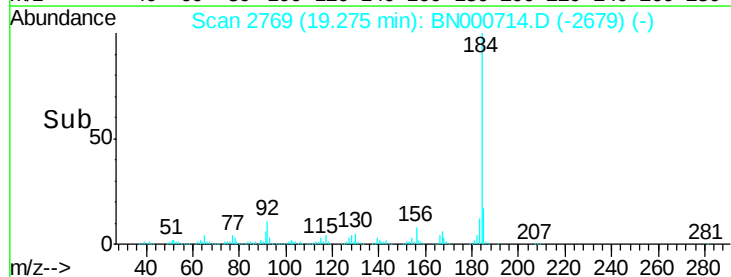
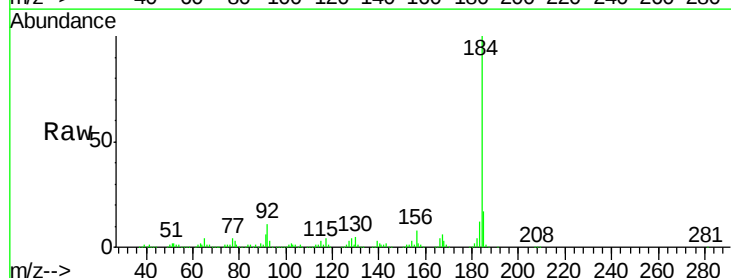
Manual Integrations  
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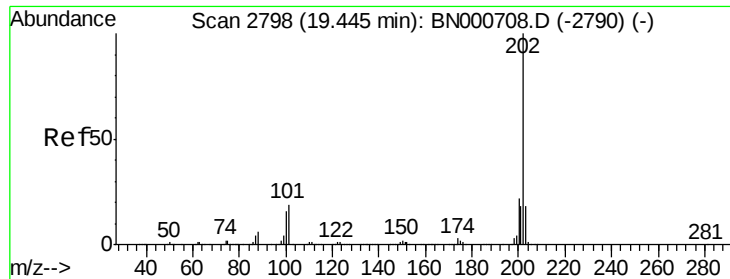
Sohil  
4/10/2018 3:38:22 PM



#76  
Benzidine  
Concen: 47.835 ng  
RT: 19.27 min Scan# 2769  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 184     | 100   | 1101981 |       |       |
| 185     | 16.7  | 11.1    | 16.7# |       |
| 183     | 12.0  | 10.6    | 16.0  |       |





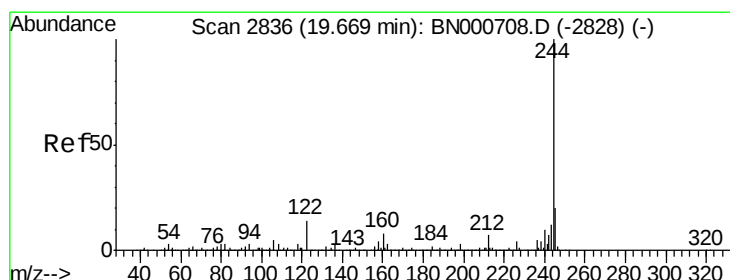
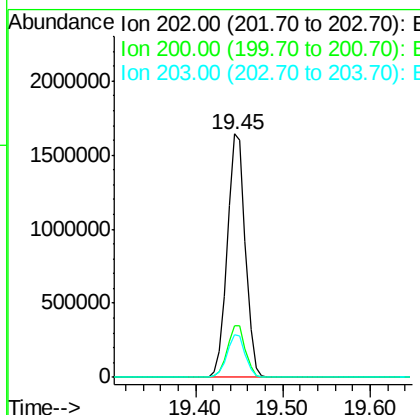
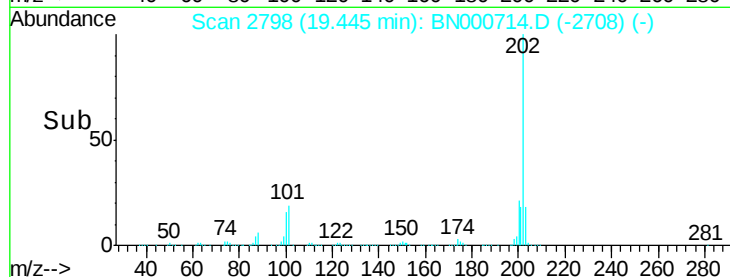
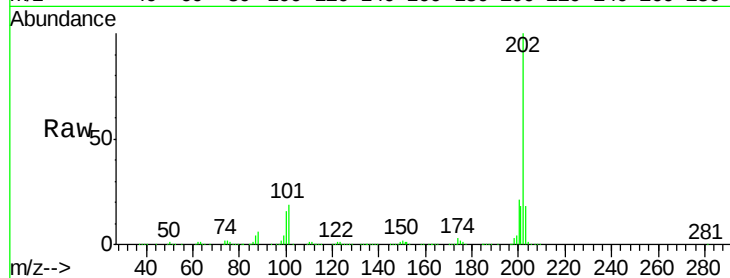
#77  
Pvrene  
Concen: 38.167 ng  
RT: 19.45 min Scan# 2798  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.2  | 16.9  | 25.3  |
| 203     | 17.8  | 13.9  | 20.9  |

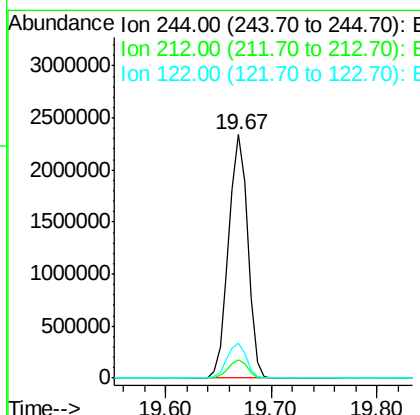
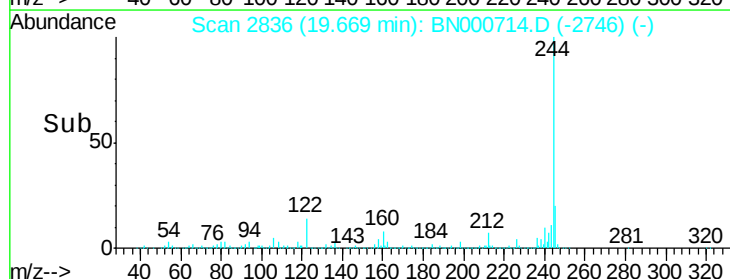
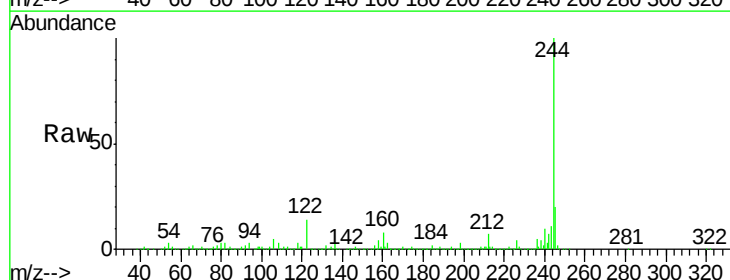
Manual Integrations  
APPROVED

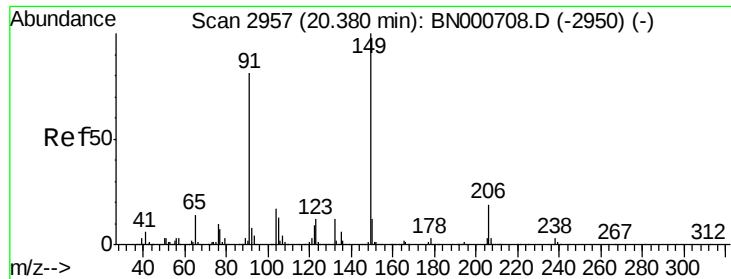
Sohil  
4/10/2018 3:38:22 PM



#78  
Terphenyl-d14  
Concen: 75.696 ng  
RT: 19.67 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.8   | 8.8   |
| 122     | 14.4  | 7.0   | 10.4  |





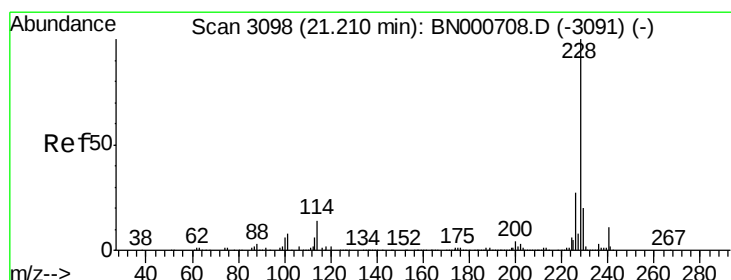
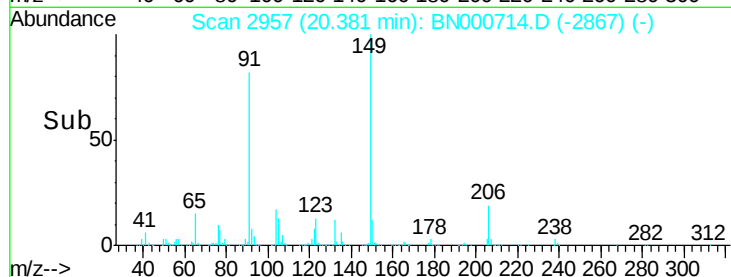
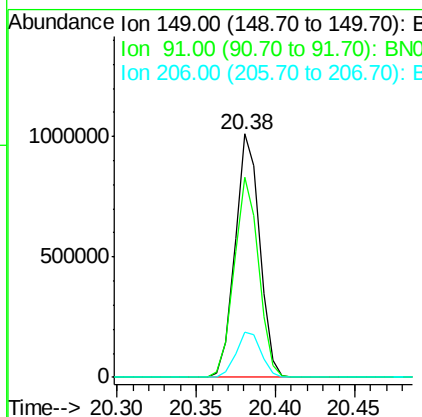
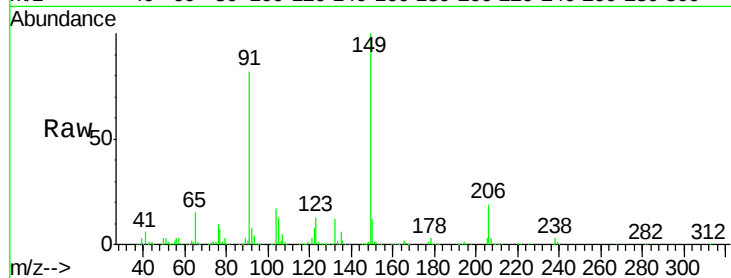
#79  
Butylbenzylphthalate  
Concen: 41.163 ng  
RT: 20.38 min Scan# 2957  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 82.1  | 62.2  | 93.2  |
| 206     | 18.8  | 18.6  | 27.8  |

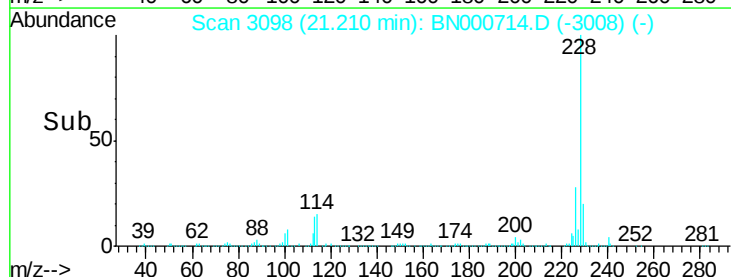
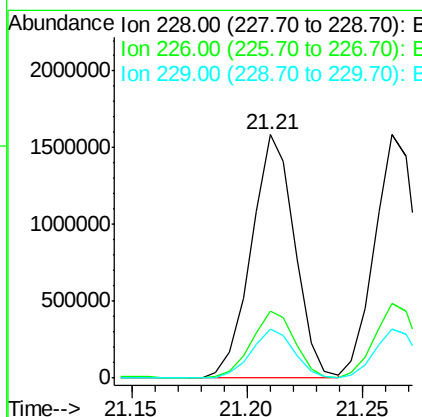
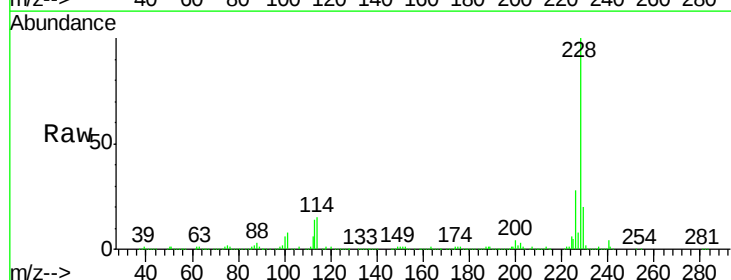
Manual Integrations  
APPROVED

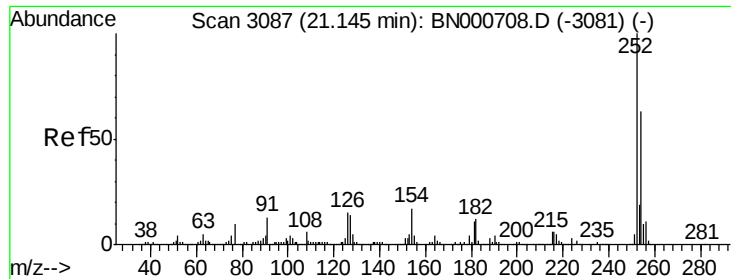
Sohil  
4/10/2018 3:38:22 PM



#80  
Benzo(a)anthracene  
Concen: 39.098 ng  
RT: 21.21 min Scan# 3098  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.8  | 22.7  | 34.1  |
| 229     | 20.0  | 16.2  | 24.2  |





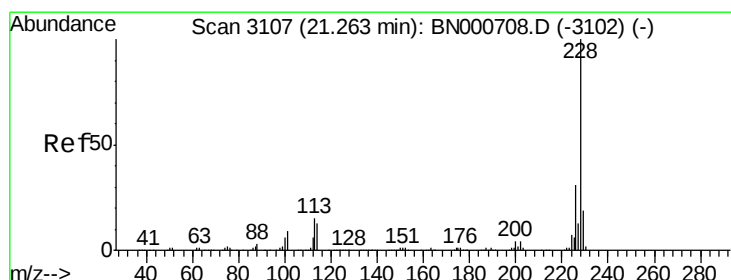
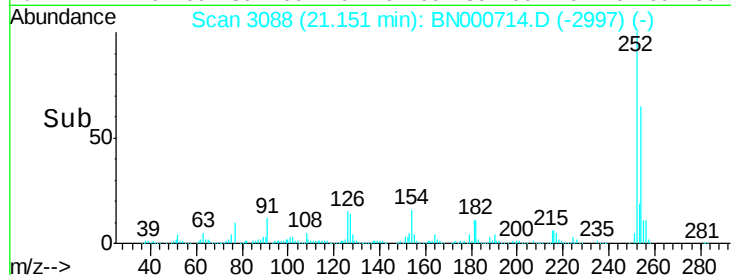
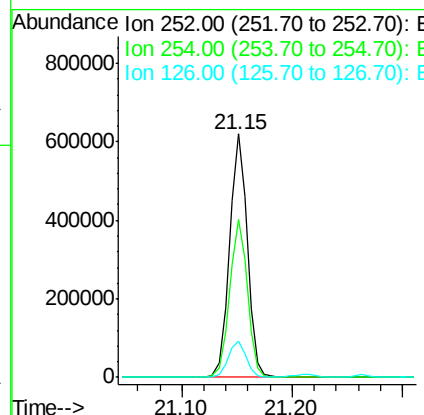
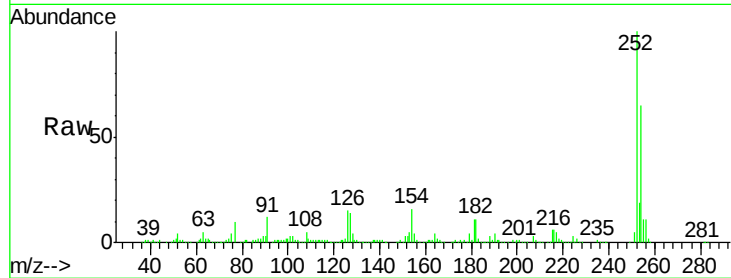
#81  
 3,3'-Dichlorobenzidine  
 Concen: 43.354 ng  
 RT: 21.15 min Scan# 3088  
 Delta R.T. 0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 700526 |       |       |
| 254     | 65.1  | 50.8   | 76.2  |       |
| 126     | 14.8  | 7.4    | 11.2  |       |

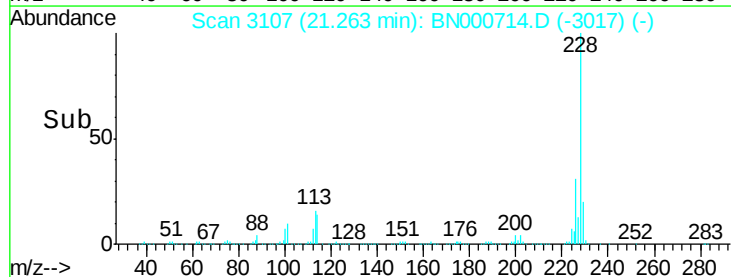
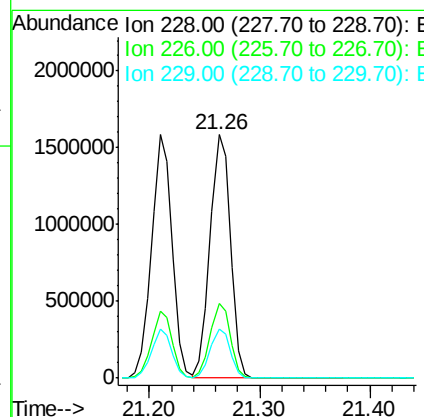
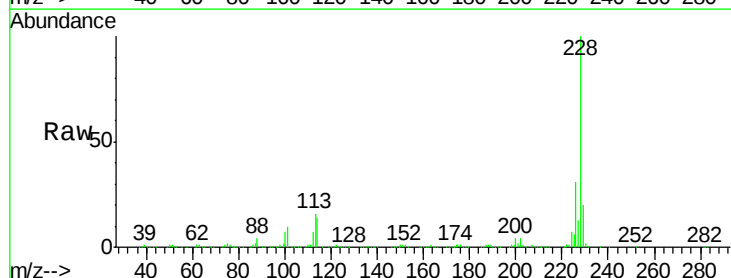
Manual Integrations  
 APPROVED

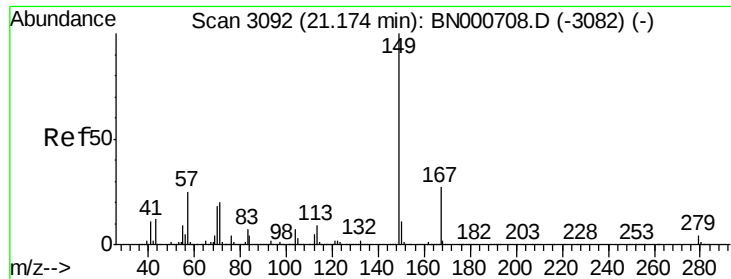
Sohil  
 4/10/2018 3:38:22 PM



#82  
 Chrysene  
 Concen: 38.316 ng  
 RT: 21.26 min Scan# 3107  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1981828 |       |       |
| 226     | 30.6  | 24.9    | 37.3  |       |
| 229     | 19.9  | 15.0    | 22.4  |       |





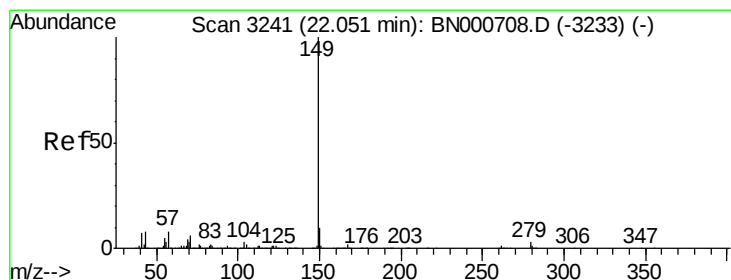
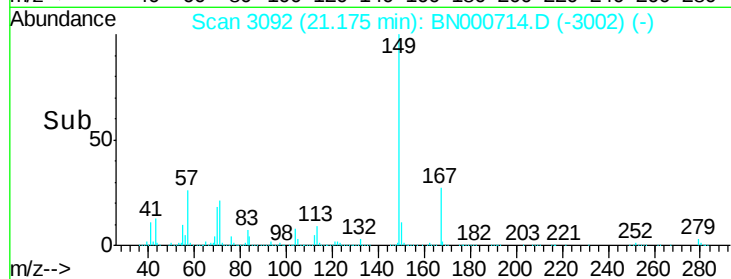
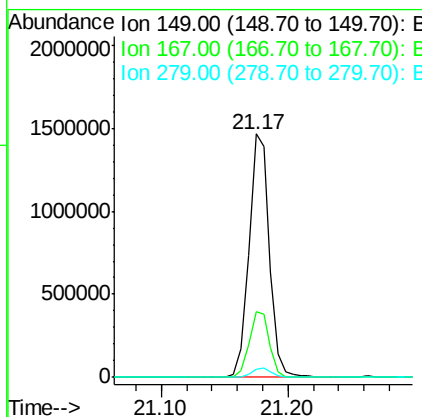
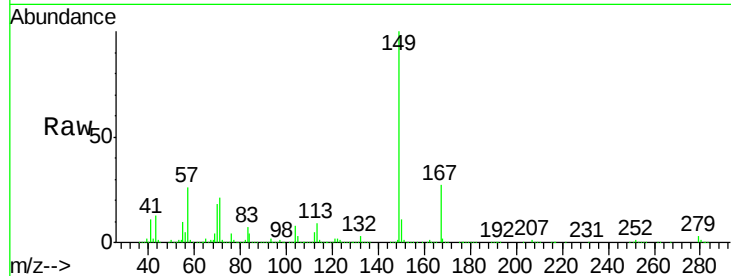
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.294 ng  
 RT: 21.17 min Scan# 3092  
 Delta R.T. 0.00 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 24.3  | 36.5  |
| 279     | 3.5   | 4.0   | 6.0   |

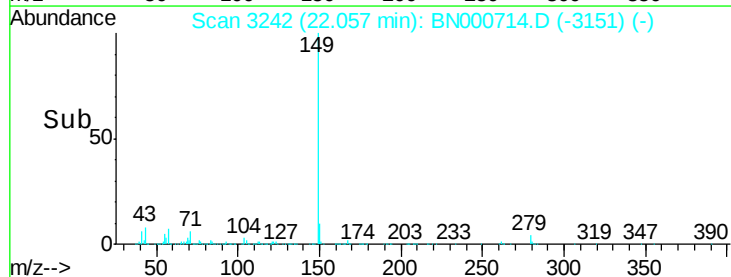
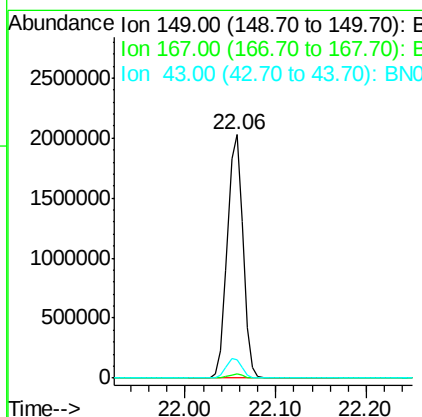
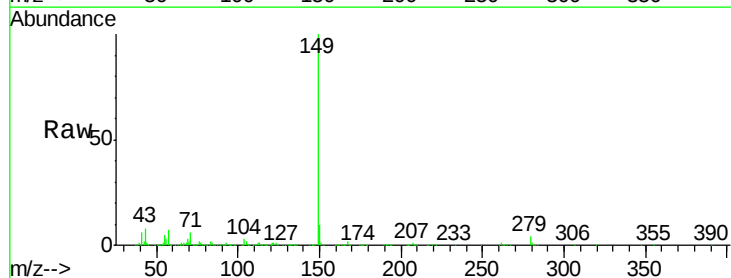
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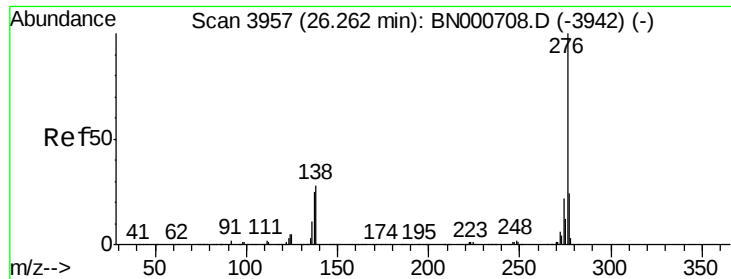
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#84  
 Di-n-octyl phthalate  
 Concen: 45.582 ng  
 RT: 22.06 min Scan# 3242  
 Delta R.T. 0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.4   | 2.0   |
| 43      | 8.2   | 8.9   | 13.3  |





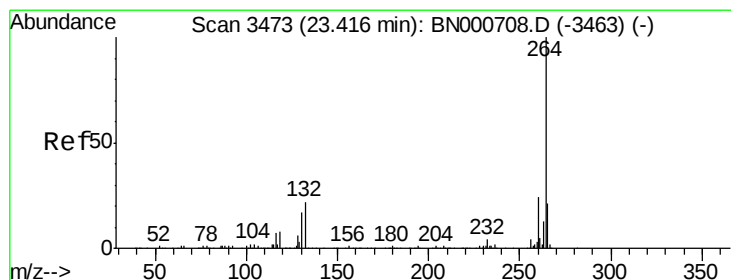
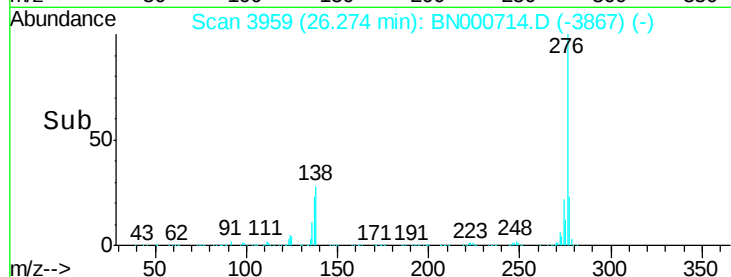
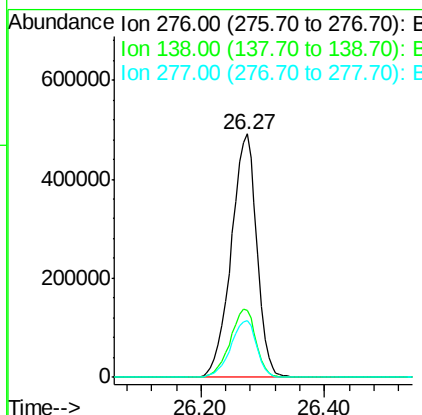
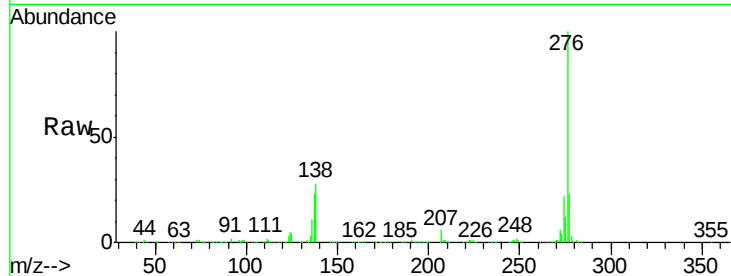
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 32.157 ng  
RT: 26.27 min Scan# 3959  
Delta R.T. 0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:276 Resp: 1414002  
Ion Ratio Lower Upper  
276 100  
138 28.2 16.0 24.0#  
277 23.8 20.0 30.0

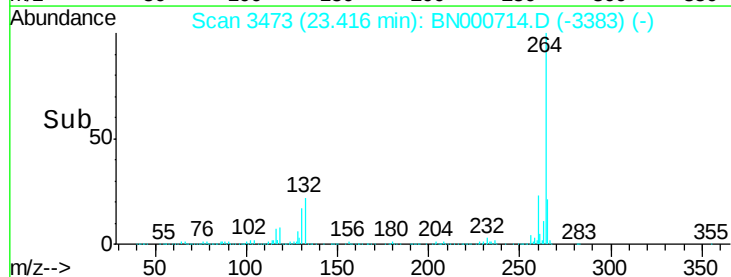
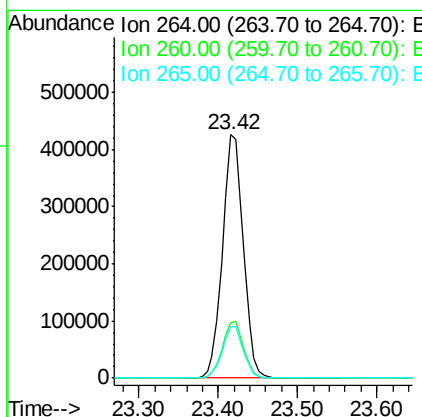
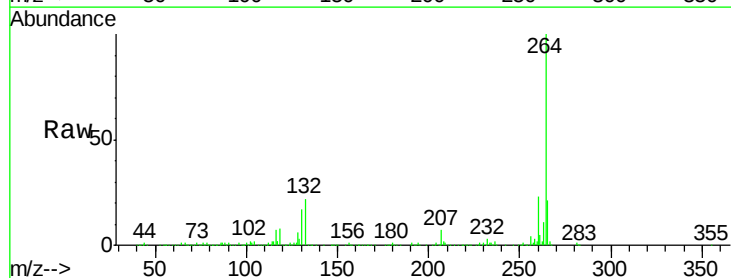
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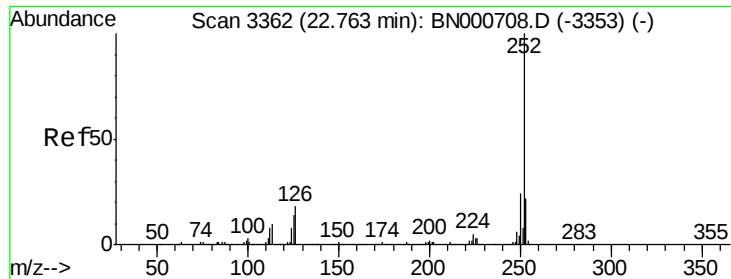
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.42 min Scan# 3473  
Delta R.T. 0.00 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Tgt Ion:264 Resp: 773062  
Ion Ratio Lower Upper  
264 100  
260 22.9 17.4 26.0  
265 21.1 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.383 ng

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

Instrument :

BNA\_N

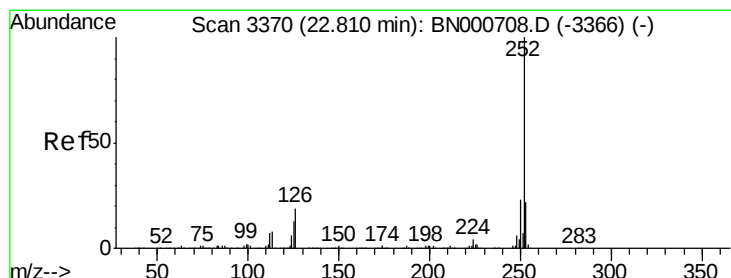
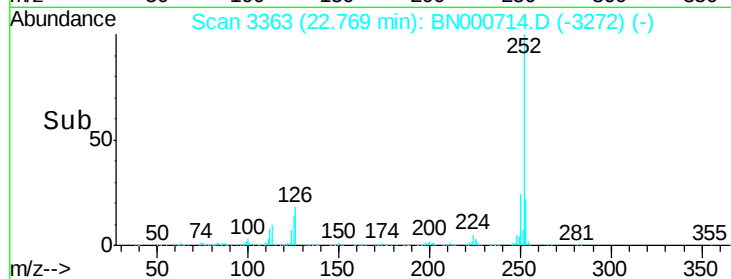
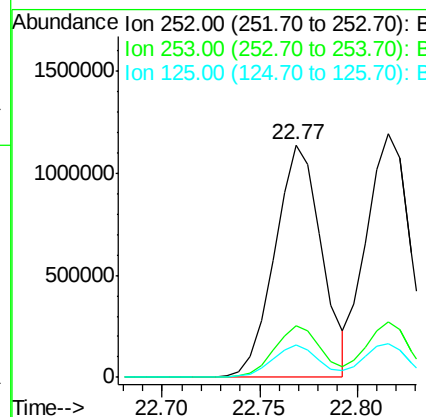
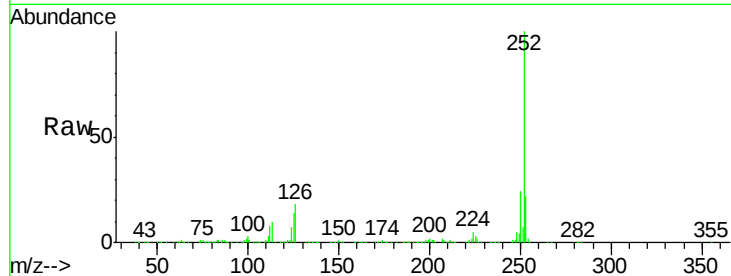
ClientSampleId :

SSTDCCC040

| Tot Ion:252 | Resp: 1894586 |       |       |
|-------------|---------------|-------|-------|
| Ion         | Ratio         | Lower | Upper |
| 252         | 100           |       |       |
| 253         | 22.1          | 18.2  | 27.4  |
| 125         | 13.9          | 7.2   | 10.8# |

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#88

Benzo(k)fluoranthene

Concen: 39.444 ng

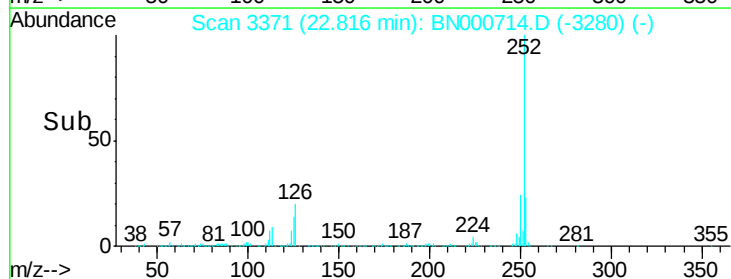
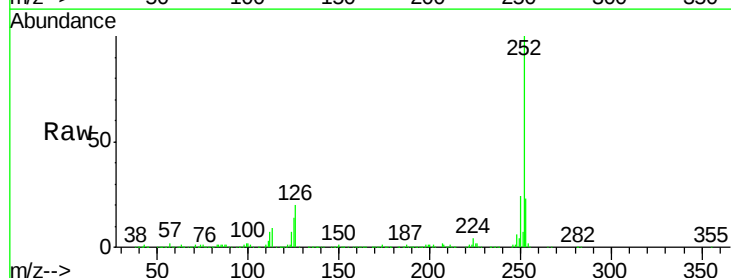
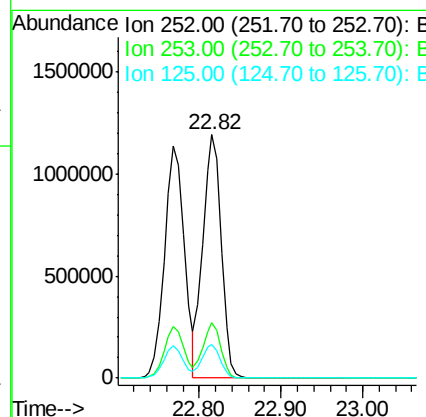
RT: 22.82 min Scan# 3371

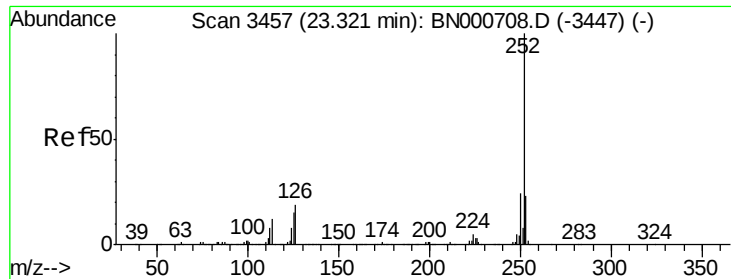
Delta R.T. 0.01 min

Lab File: BN000714.D

Acq: 09 Apr 2018 17:59

| Tgt Ion:252 | Resp: 1859922 |       |       |
|-------------|---------------|-------|-------|
| Ion         | Ratio         | Lower | Upper |
| 252         | 100           |       |       |
| 253         | 22.5          | 17.4  | 26.2  |
| 125         | 13.7          | 6.6   | 9.8#  |





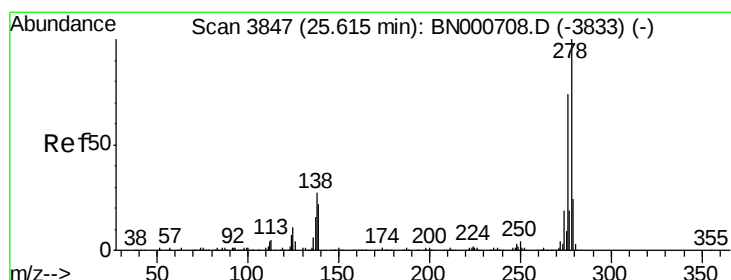
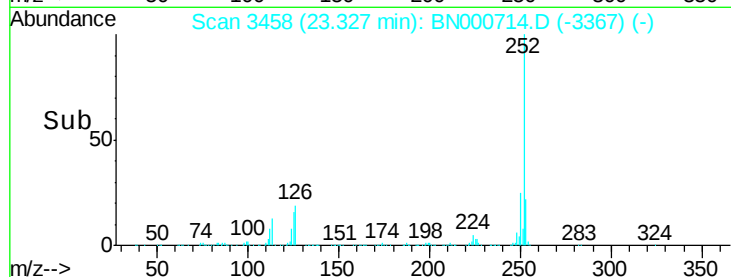
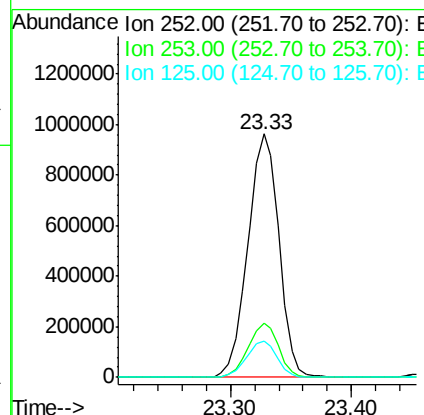
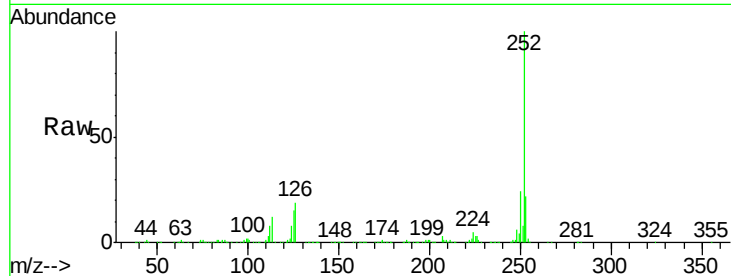
#89  
Benzo(a)pyrene  
Concen: 40.420 ng  
RT: 23.33 min Scan# 3458  
Delta R.T. 0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.3  | 27.5  |
| 125     | 15.0  | 7.3   | 10.9  |

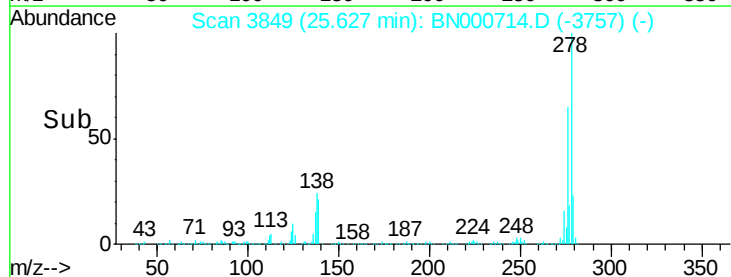
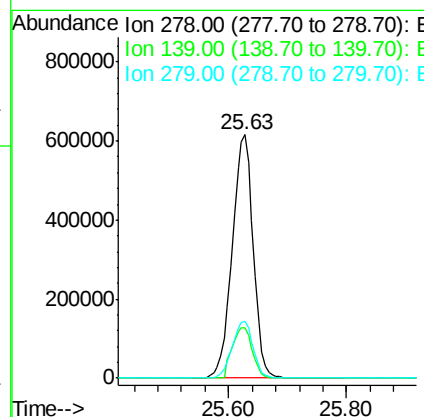
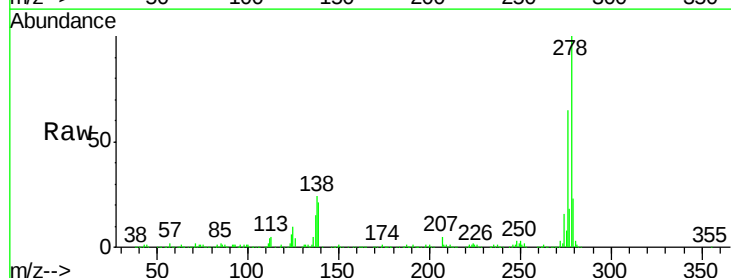
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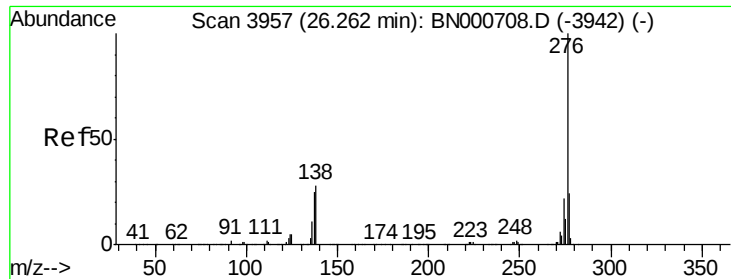
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#90  
Dibenzo(a,h)anthracene  
Concen: 36.020 ng  
RT: 25.63 min Scan# 3849  
Delta R.T. 0.01 min  
Lab File: BN000714.D  
Acq: 09 Apr 2018 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.6  | 9.8   | 14.6  |
| 279     | 23.3  | 18.4  | 27.6  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 34.480 ng  
 RT: 26.27 min Scan# 3959  
 Delta R.T. 0.01 min  
 Lab File: BN000714.D  
 Acq: 09 Apr 2018 17:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.3  | 27.5  |
| 138     | 27.7  | 13.9  | 20.9  |

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