

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040919\  
 Data File : BN005115.D  
 Acq On : 09 Apr 2019 16:40  
 Operator : JU/SJ  
 Sample : PB118726BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

Manual Integrations  
 APPROVED

Sohil  
 4/10/2019 6:21:24 PM

Quant Time: Apr 10 01:39:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 27 05:27:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 10776    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.43 | 136  | 45869    | 20.00 | ng    | -0.03    |
| 39) Acenaphthene-d10      | 14.30 | 164  | 25296    | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.05 | 188  | 53743    | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.26 | 240  | 53445    | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 23.49 | 264  | 45872    | 20.00 | ng    | -0.03    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.25  | 112 | 86038  | 138.04 | ng | -0.02 |
| 7) Phenol-d6                | 6.84  | 99  | 106783 | 129.17 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.82  | 82  | 56080  | 73.96  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 15.80 | 330 | 55868  | 136.94 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 12.92 | 172 | 151166 | 79.19  | ng | -0.02 |
| 79) Terphenyl-d14           | 19.69 | 244 | 220397 | 79.39  | ng | -0.02 |

|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.18  | 88  | 8994  | 39.597 | ng | # 96 |
| 3) Pyridine                    | 3.57  | 79  | 16887 | 26.604 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.50  | 42  | 7309  | 35.321 | ng | 100  |
| 6) Aniline                     | 6.99  | 93  | 36056 | 34.250 | ng | 99   |
| 8) 2-Chlorophenol              | 7.22  | 128 | 33740 | 42.643 | ng | 98   |
| 9) Benzaldehyde                | 6.80  | 77  | 4913  | 10.342 | ng | 98   |
| 10) Phenol                     | 6.86  | 94  | 37101 | 41.882 | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.09  | 93  | 26710 | 38.991 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 7.54  | 146 | 32696 | 37.928 | ng | 99   |
| 13) 1,4-Dichlorobenzene        | 7.69  | 146 | 33785 | 38.718 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 8.00  | 146 | 33285 | 39.858 | ng | 99   |
| 15) Benzyl Alcohol             | 7.90  | 79  | 24750 | 39.352 | ng | 98   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.18  | 45  | 29603 | 35.819 | ng | 97   |
| 17) 2-Methylphenol             | 8.10  | 107 | 26369 | 42.699 | ng | 97   |
| 18) Hexachloroethane           | 8.71  | 117 | 11581 | 37.444 | ng | 99   |
| 19) n-Nitroso-di-n-propylamine | 8.46  | 70  | 20153 | 37.186 | ng | 97   |
| 20) 3+4-Methylphenols          | 8.43  | 107 | 35150 | 41.921 | ng | 99   |
| 22) Acetophenone               | 8.48  | 105 | 43730 | 41.764 | ng | # 98 |
| 24) Nitrobenzene               | 8.86  | 77  | 29977 | 39.063 | ng | 97   |
| 25) Isophorone                 | 9.38  | 82  | 56371 | 38.161 | ng | 98   |
| 26) 2-Nitrophenol              | 9.56  | 139 | 18063 | 40.538 | ng | 97   |
| 27) 2,4-Dimethylphenol         | 9.62  | 122 | 29743 | 47.945 | ng | 100  |
| 28) bis(2-Chloroethoxy)methane | 9.86  | 93  | 36502 | 39.882 | ng | 100  |
| 29) 2,4-Dichlorophenol         | 10.09 | 162 | 31336 | 43.950 | ng | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.30 | 180 | 33368 | 42.485 | ng | 99   |
| 31) Naphthalene                | 10.49 | 128 | 98763 | 41.269 | ng | 100  |
| 32) Benzoic acid               | 9.81  | 122 | 17030 | 35.683 | ng | 97   |
| 33) 4-Chloroaniline            | 10.61 | 127 | 23660 | 24.300 | ng | 99   |
| 34) Hexachlorobutadiene        | 10.75 | 225 | 20623 | 40.581 | ng | 98   |
| 35) Caprolactam                | 11.42 | 113 | 8735m | 37.415 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 11.74 | 107 | 30822 | 40.017 | ng | 99   |
| 37) 2-Methylnaphthalene        | 12.10 | 142 | 71468 | 42.291 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.33 | 142 | 67725 | 40.956 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.48 | 216 | 37875 | 42.214 | ng | 99   |

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 Sample : PB118726BS  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

Manual Integrations  
 APPROVED

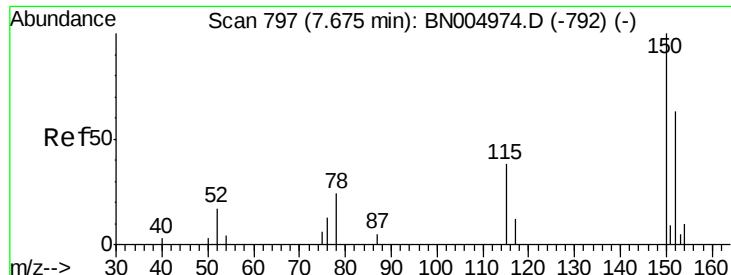
Sohil  
 4/10/2019 6:21:24 PM

Quant Time: Apr 10 01:39:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 27 05:27:09 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.44 | 237  | 45566    | 89.199 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.73 | 196  | 24732    | 44.424 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.80 | 196  | 26337    | 43.424 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.13 | 154  | 90508    | 42.275 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.17 | 162  | 69876    | 42.531 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.40 | 65   | 16657    | 38.086 | ng    | 93       |
| 49) Acenaphthylene             | 14.03 | 152  | 110723   | 40.069 | ng    | 100      |
| 50) Dimethylphthalate          | 13.77 | 163  | 85786    | 41.278 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.90 | 165  | 19338    | 40.892 | ng    | 93       |
| 52) Acenaphthene               | 14.37 | 154  | 64304    | 41.367 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.23 | 138  | 13101    | 27.105 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.45 | 184  | 19695    | 70.744 | ng    | 95       |
| 55) Dibenzofuran               | 14.70 | 168  | 102357   | 41.381 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.55 | 139  | 28555    | 74.993 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 26134    | 40.664 | ng    | 97       |
| 58) Fluorene                   | 15.36 | 166  | 82188    | 41.132 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 24407    | 43.402 | ng    | 99       |
| 60) Diethylphthalate           | 15.13 | 149  | 85076    | 41.024 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.35 | 204  | 43564    | 42.262 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.40 | 138  | 17410    | 35.850 | ng    | 98       |
| 63) Azobenzene                 | 15.65 | 77   | 66386    | 38.455 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 13529    | 38.142 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.57 | 169  | 72220    | 42.661 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.25 | 248  | 28792    | 42.931 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.35 | 284  | 34152    | 43.465 | ng    | 96       |
| 69) Atrazine                   | 16.53 | 200  | 24698    | 40.836 | ng    | 99       |
| 70) Pentachlorophenol          | 16.70 | 266  | 36564    | 88.508 | ng    | 99       |
| 71) Phenanthrene               | 17.10 | 178  | 124069   | 41.086 | ng    | 100      |
| 72) Anthracene                 | 17.19 | 178  | 127245   | 42.334 | ng    | 100      |
| 73) Carbazole                  | 17.47 | 167  | 109923   | 40.178 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.02 | 149  | 140291   | 42.094 | ng    | 100      |
| 75) Fluoranthene               | 19.12 | 202  | 140376   | 40.748 | ng    | 98       |
| 77) Benzidine                  | 19.32 | 184  | 49452    | 29.690 | ng    | 99       |
| 78) Pyrene                     | 19.49 | 202  | 142177   | 39.841 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 62570    | 43.150 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.24 | 228  | 133240   | 40.023 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 42798    | 34.379 | ng    | 100      |
| 83) Chrysene                   | 21.30 | 228  | 127610   | 40.131 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 91282    | 45.498 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.03 | 149  | 153524   | 47.416 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.74 | 276  | 146172   | 40.462 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.82 | 252  | 131412   | 46.541 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.86 | 252  | 126556   | 48.877 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.39 | 252  | 121739   | 47.116 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.75 | 278  | 123405   | 47.574 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.43 | 276  | 121431   | 47.335 | ng    | 97       |

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





#1

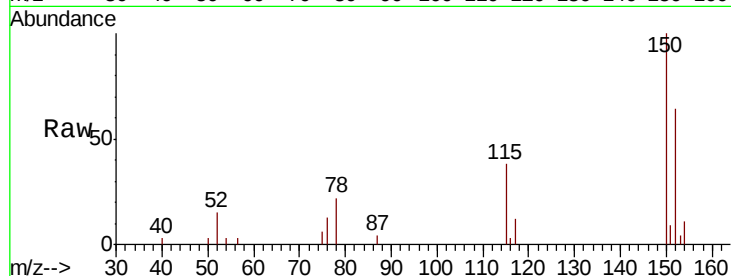
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.65 min Scan# 793  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampled :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.2 | 126.9 | 190.3 |
| 115     | 58.8  | 47.8  | 71.6  |

Manual Integrations  
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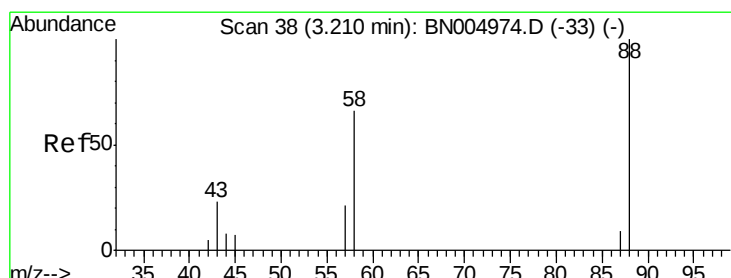
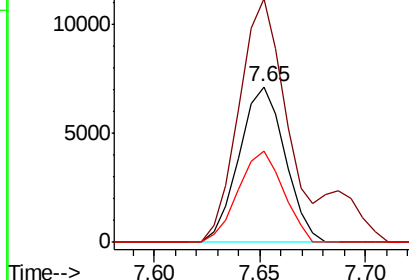
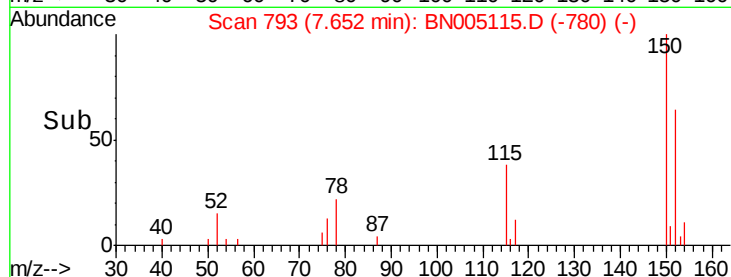


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

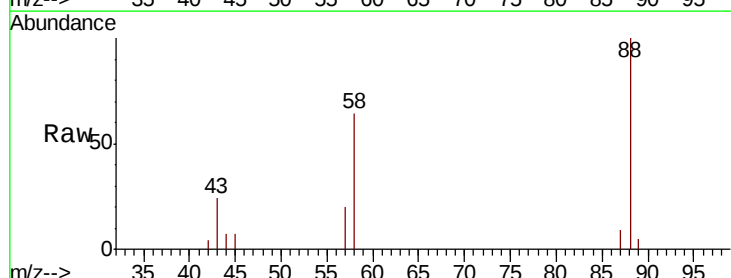
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 39.597 ng  
RT: 3.18 min Scan# 33  
Delta R.T. -0.03 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 65.2  | 51.0  | 76.6  |
| 43      | 25.8  | 16.7  | 25.1  |

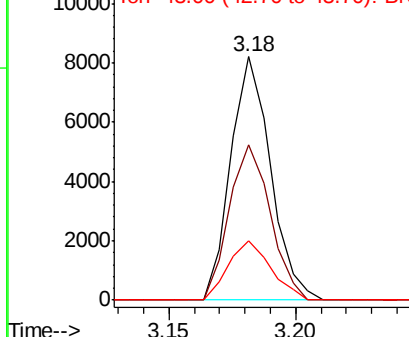
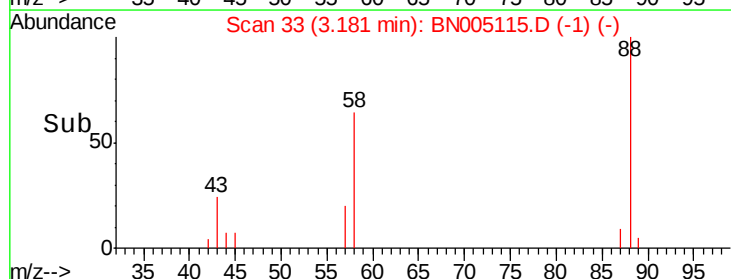


Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





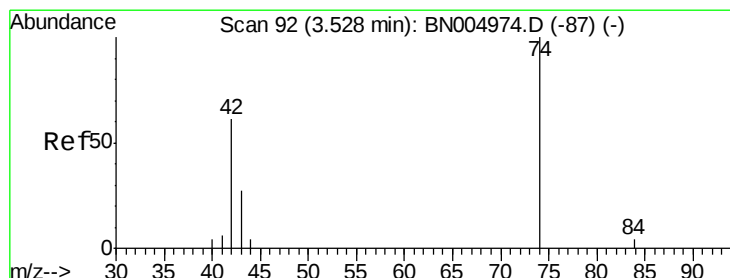
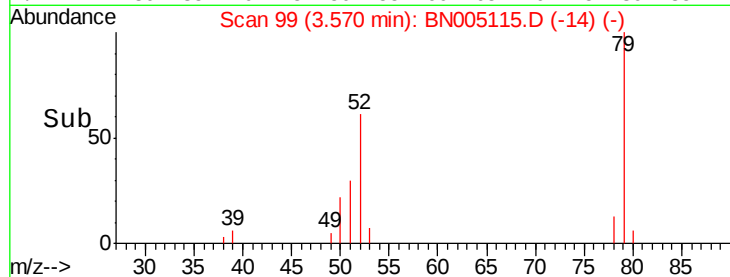
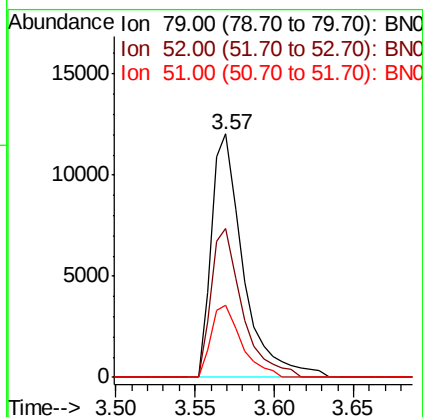
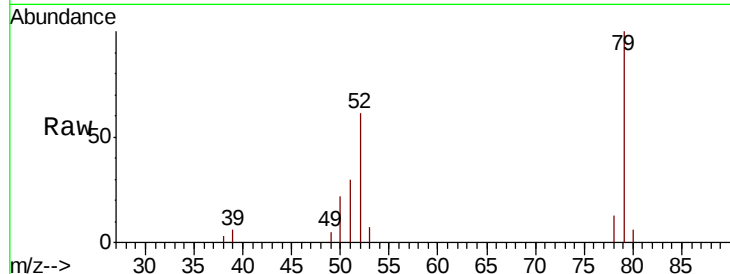
#3  
 Pvridine  
 Concen: 26.604 ng  
 RT: 3.57 min Scan# 99  
 Delta R.T. -0.03 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 61.1  | 50.2  | 75.4  |
| 51      | 29.6  | 25.0  | 37.4  |

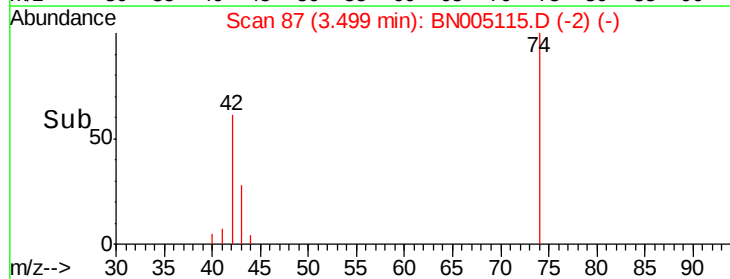
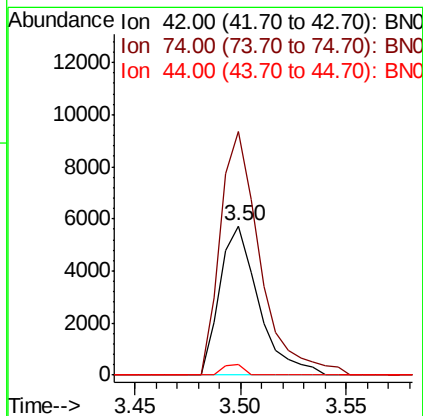
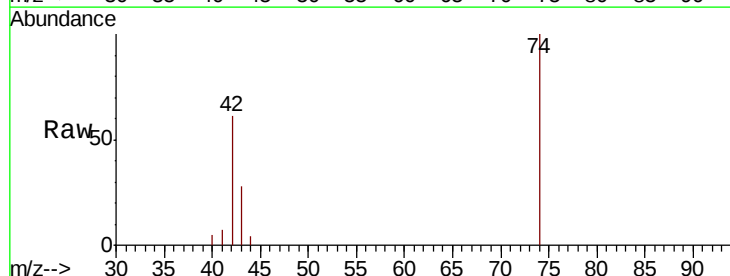
Manual Integrations  
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#4  
 n-Nitrosodimethylamine  
 Concen: 35.321 ng  
 RT: 3.50 min Scan# 87  
 Delta R.T. -0.03 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 163.2 | 130.8 | 196.2 |
| 44      | 7.1   | 5.7   | 8.5   |





#5

2-Fluorophenol

Concen: 138.039 ng

RT: 5.25 min Scan# 384

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

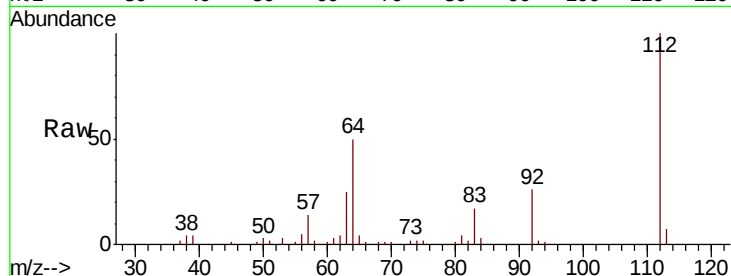
ClientSampleId :

PB118726BS

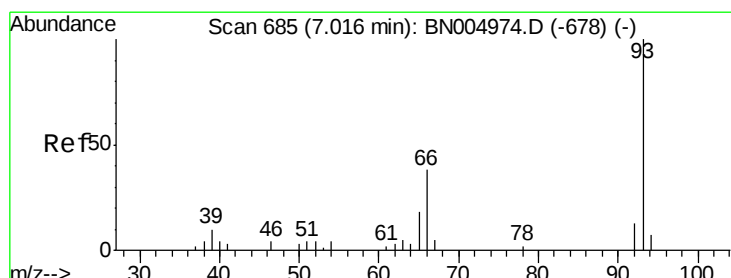
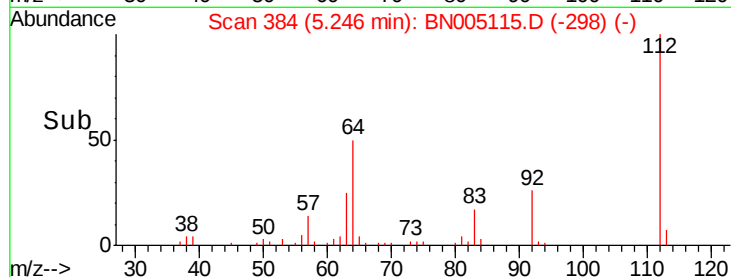
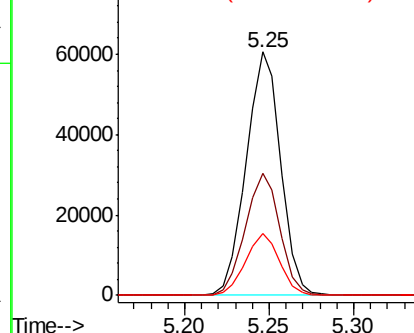
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 112   | Resp: | 86038 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 50.4  | 41.9  | 62.9  |
| 63        | 25.4  | 21.4  | 32.0  |

Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): BNC  
Ion 64.00 (63.70 to 64.70): BNC  
Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 34.250 ng

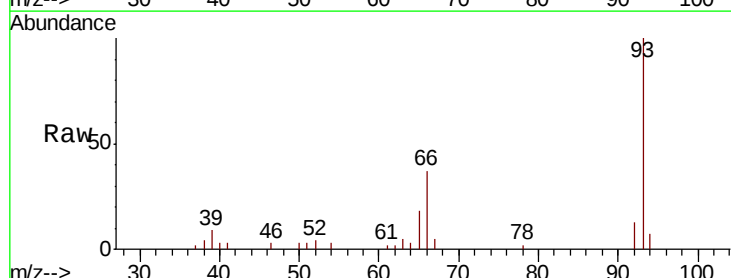
RT: 6.99 min Scan# 681

Delta R.T. -0.02 min

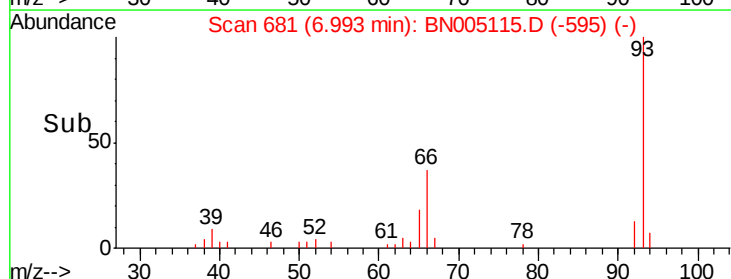
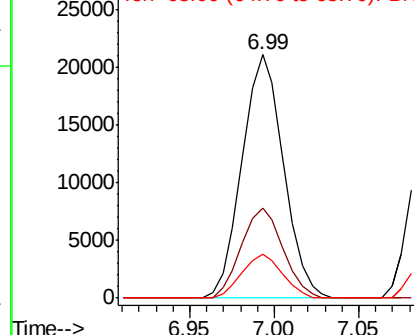
Lab File: BN005115.D

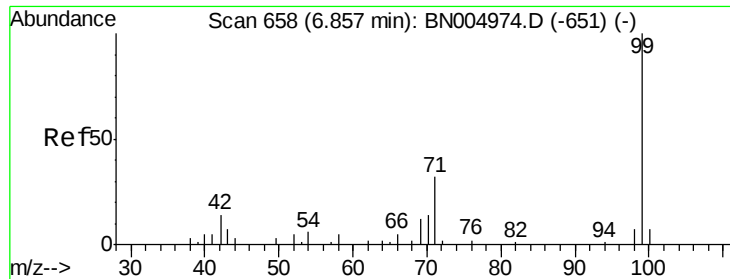
Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 36056 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 37.2  | 30.2  | 45.4  |
| 65        | 18.2  | 14.7  | 22.1  |



Abundance Ion 93.00 (92.70 to 93.70): BNC  
Ion 66.00 (65.70 to 66.70): BNC  
Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 129.169 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

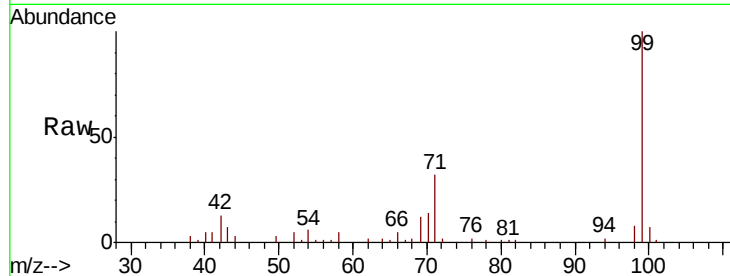
ClientSampleId :

PB118726BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 106783 |       |       |
| 42      | 13.4 | 11.4  | 17.0   |       |       |
| 71      | 31.6 | 25.8  | 38.8   |       |       |

Manual Integrations  
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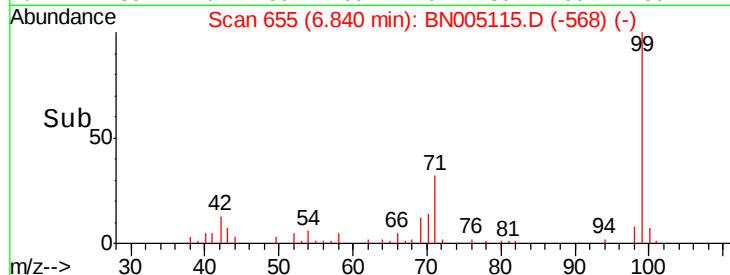


Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

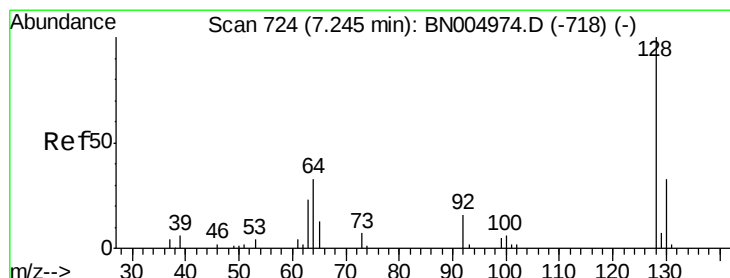
Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)

Time-->



Time-->



#8

2-Chlorophenol

Concen: 42.643 ng

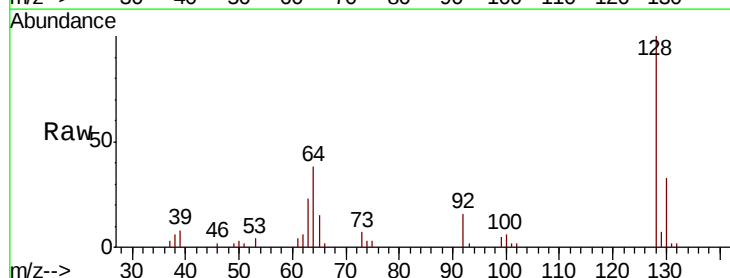
RT: 7.22 min Scan# 720

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 128     | 100  |       | 33740 |       |       |
| 130     | 32.7 | 12.9  | 52.9  |       |       |
| 64      | 37.7 | 19.9  | 59.9  |       |       |

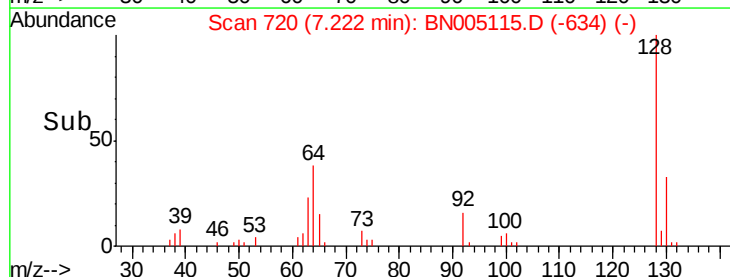


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

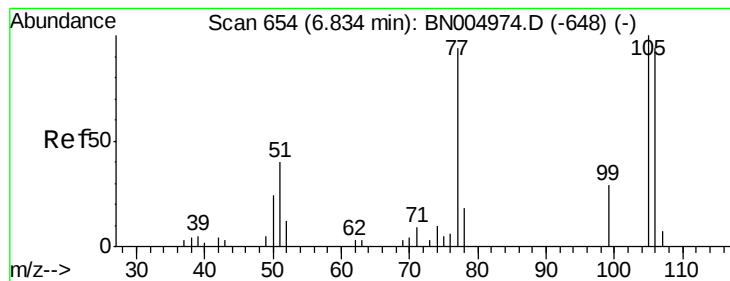
Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)

Time-->



Time-->



#9

Benzaldehyde

Concen: 10.342 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.03 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

ClientSampleId :

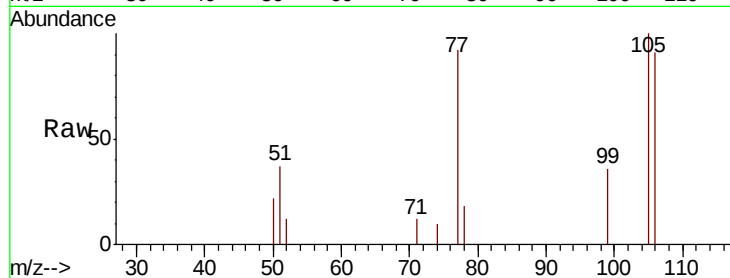
PB118726BS

Tot Ion: 77 Resp: 4913

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 109.1 | 86.1  | 126.1 |
| 106 | 99.2  | 79.9  | 119.9 |

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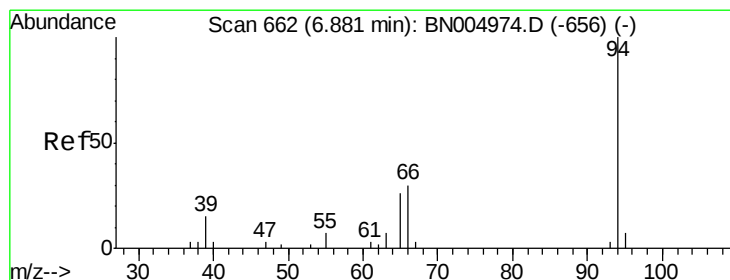
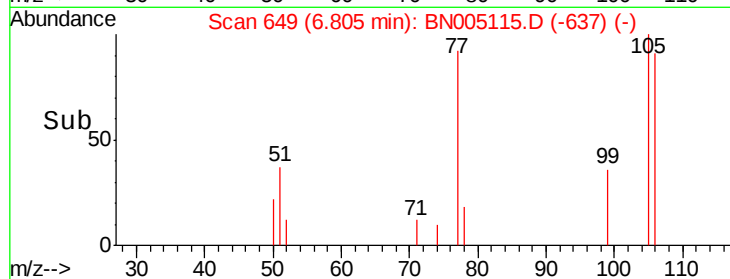
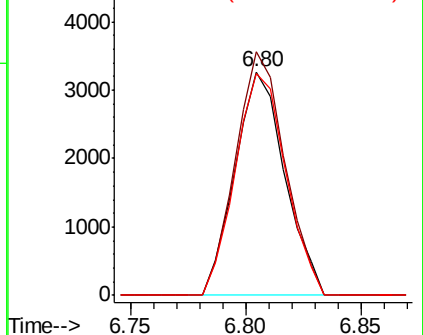
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Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 41.882 ng

RT: 6.86 min Scan# 659

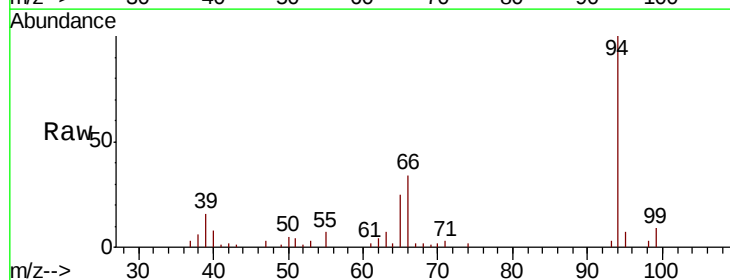
Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Tgt Ion: 94 Resp: 37101

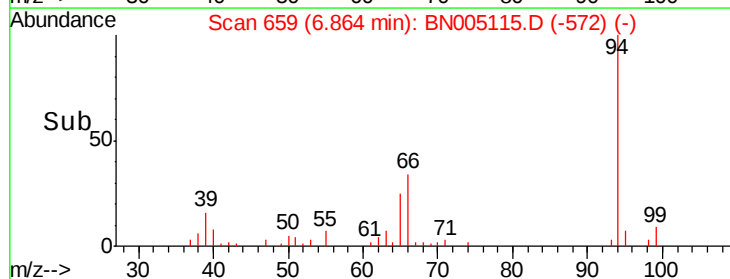
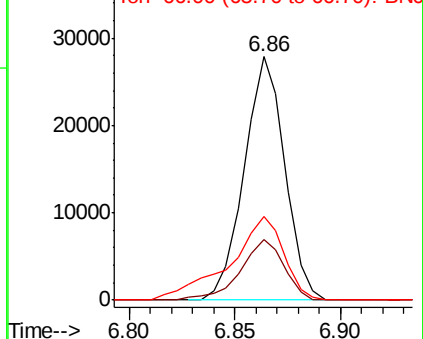
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.0  | 5.7   | 45.7  |
| 66  | 34.2  | 14.8  | 54.8  |

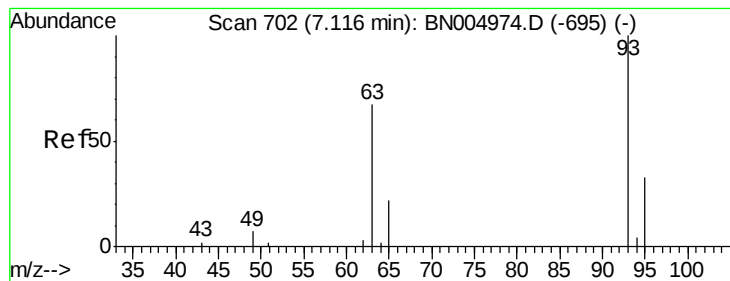


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





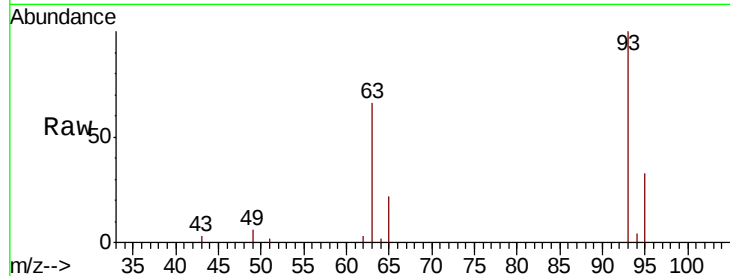
#11  
bis(2-Chloroethyl)ether  
Concen: 38.991 ng  
RT: 7.09 min Scan# 698  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

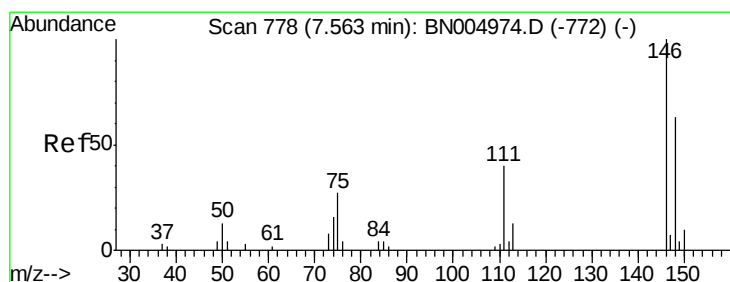
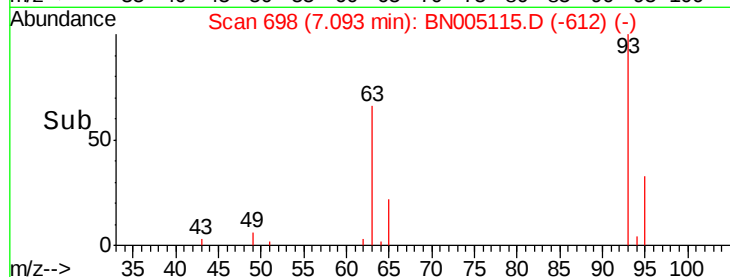
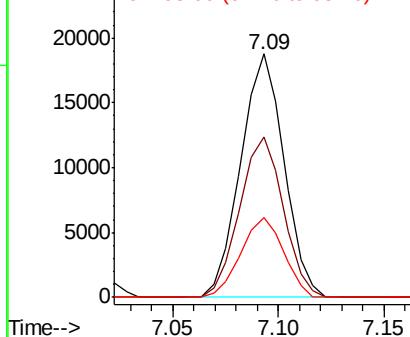
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 26710 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 65.7  | 47.0  | 87.0  |
| 95       | 32.6  | 12.7  | 52.7  |

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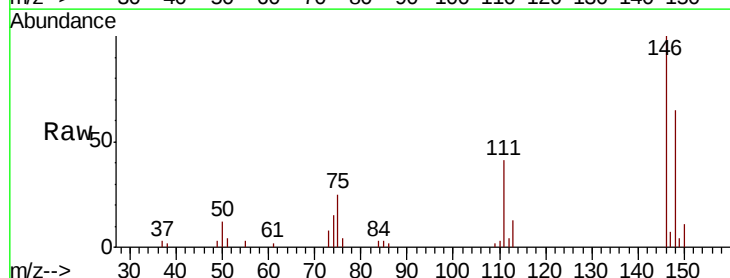


Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-695) (-)  
Ion 63.00 (62.70 to 63.70): BN004974.D (-695) (-)  
Ion 95.00 (94.70 to 95.70): BN004974.D (-695) (-)

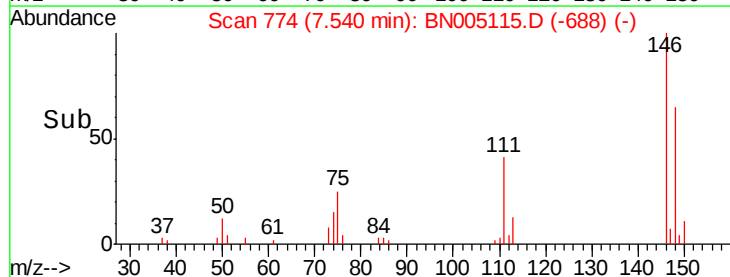
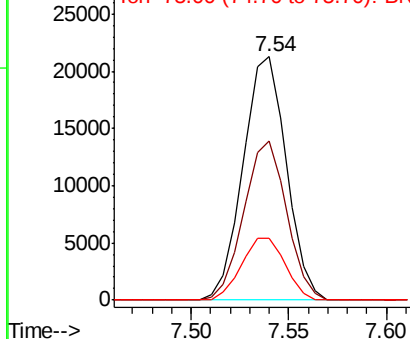


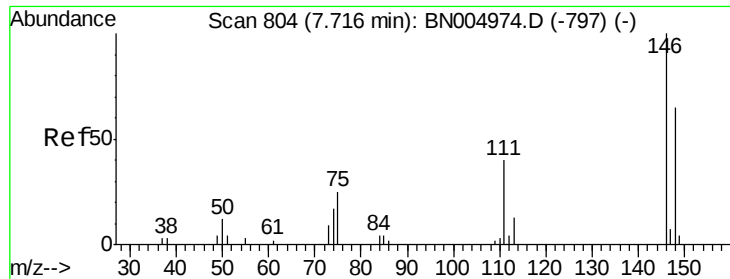
#12  
1,3-Dichlorobenzene  
Concen: 37.928 ng  
RT: 7.54 min Scan# 774  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 32696 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 65.2  | 52.0  | 78.0  |
| 75       | 25.5  | 22.0  | 33.0  |



Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-772) (-)  
Ion 148.00 (147.70 to 148.70): BN004974.D (-772) (-)  
Ion 75.00 (74.70 to 75.70): BN004974.D (-772) (-)





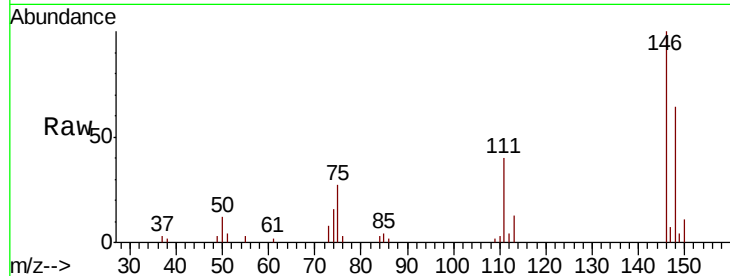
#13  
 1,4-Dichlorobenzene  
 Concen: 38.718 ng  
 RT: 7.69 min Scan# 799  
 Delta R.T. -0.03 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.4  | 77.2  |
| 111     | 39.7  | 32.6  | 49.0  |

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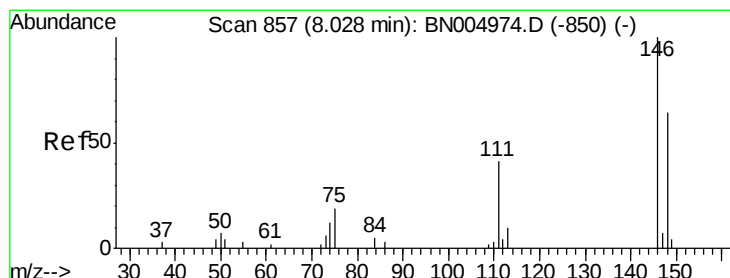
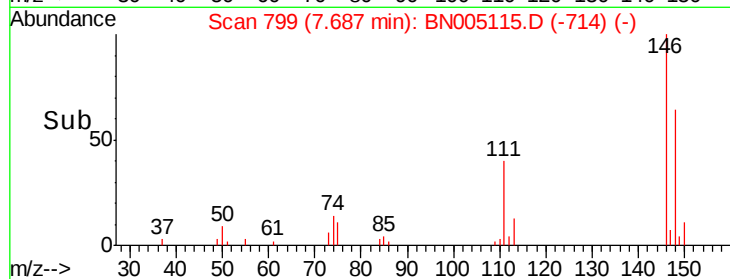
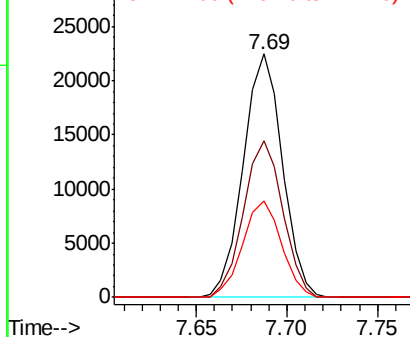


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 39.858 ng  
 RT: 8.00 min Scan# 852  
 Delta R.T. -0.03 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

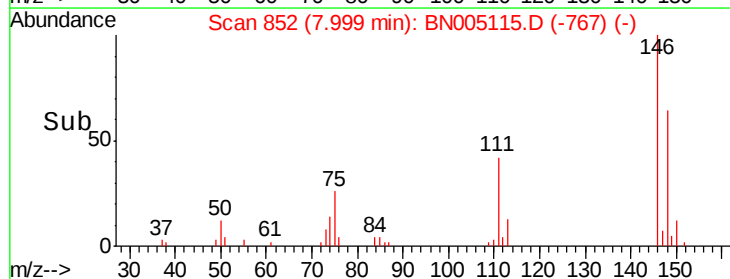
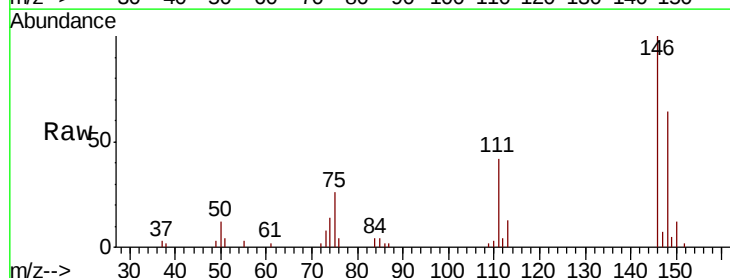
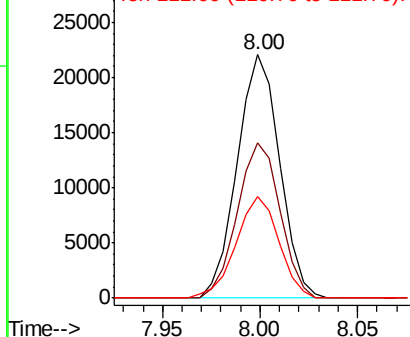
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 51.4  | 77.2  |
| 111     | 41.6  | 32.6  | 49.0  |

Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.352 ng

RT: 7.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

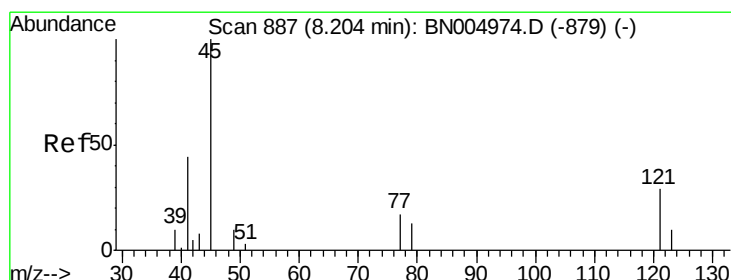
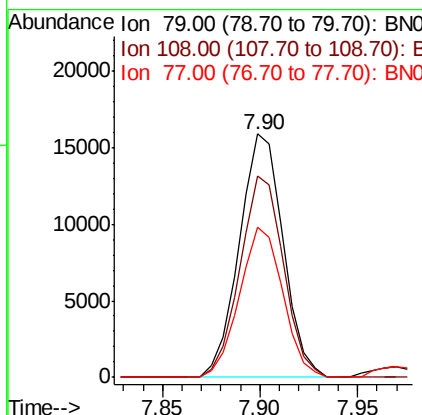
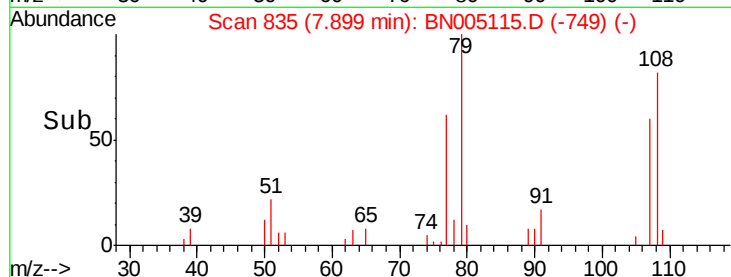
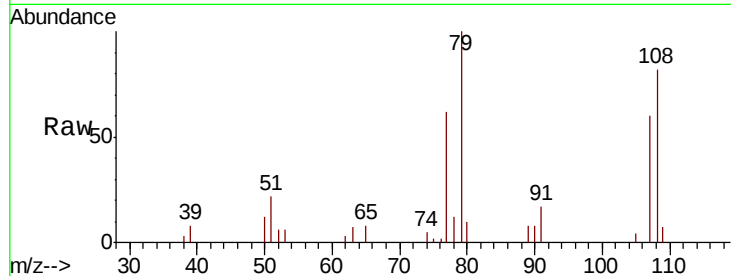
ClientSampleId :

PB118726BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 24750 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 82.5  | 64.0  | 96.0  |
| 77        | 61.6  | 48.8  | 73.2  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.819 ng

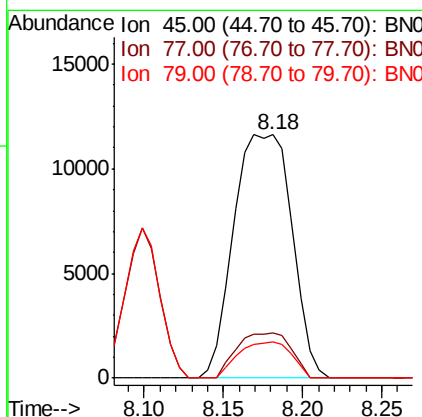
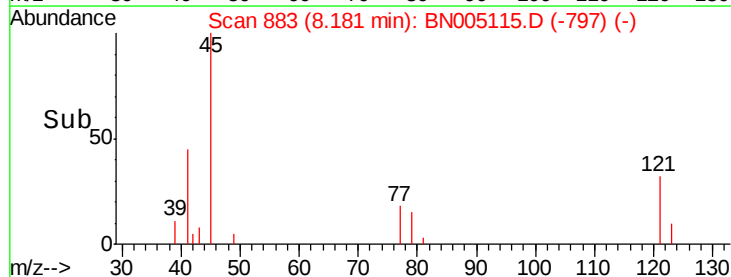
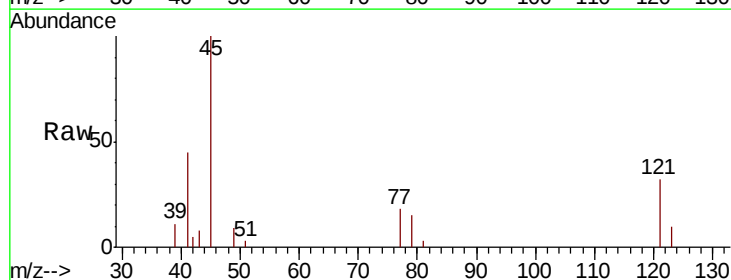
RT: 8.18 min Scan# 883

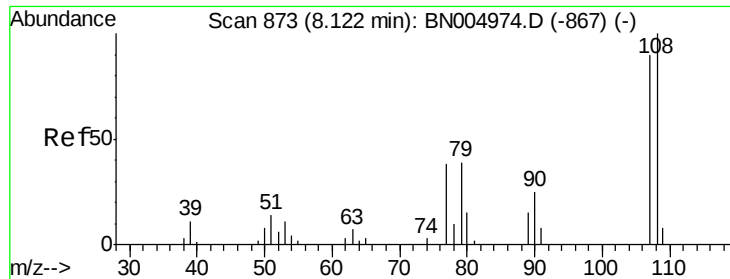
Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 29603 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 18.3  | 0.0   | 36.9  |
| 79        | 14.7  | 0.0   | 33.3  |





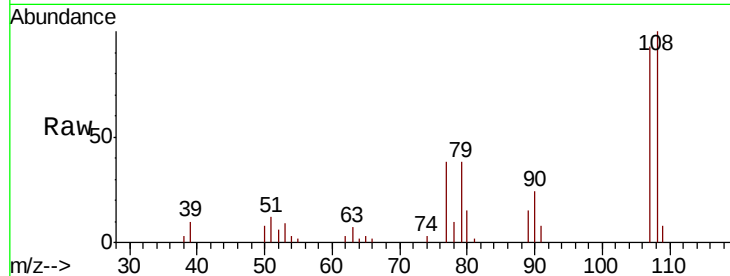
#17  
2-Methylphenol  
Concen: 42.699 ng  
RT: 8.10 min Scan# 869  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 26369 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 108.1 | 88.8  | 133.2 |
| 77        | 41.1  | 34.2  | 51.2  |
| 79        | 41.3  | 34.8  | 52.2  |

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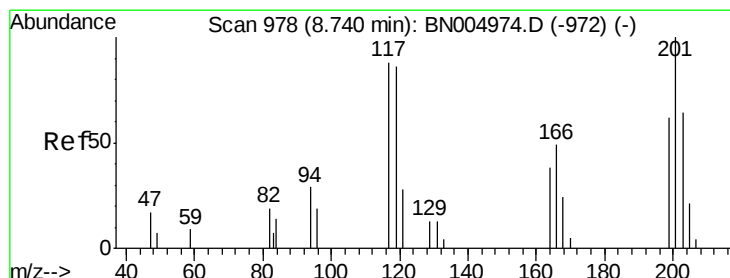
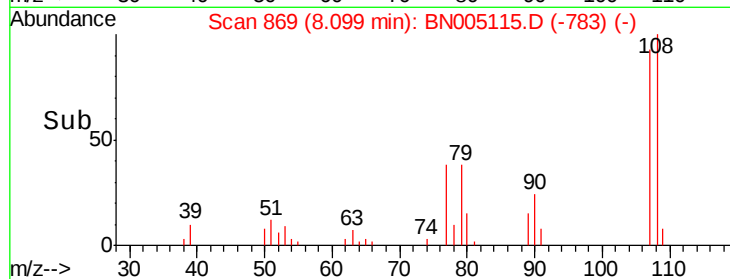
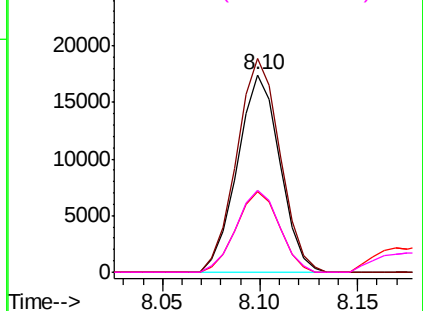
Abundance

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: 37.444 ng  
RT: 8.71 min Scan# 973  
Delta R.T. -0.03 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

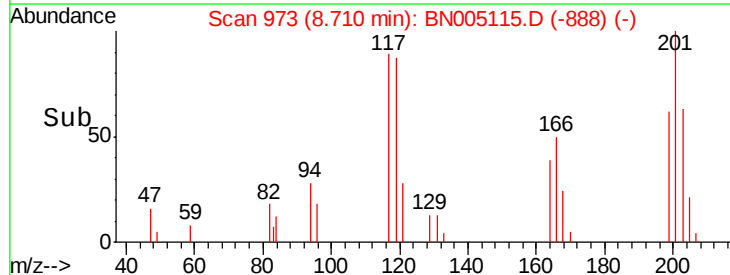
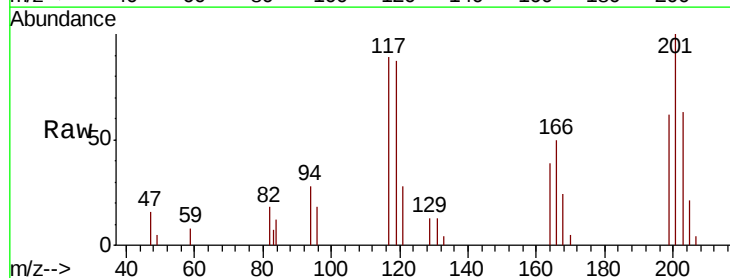
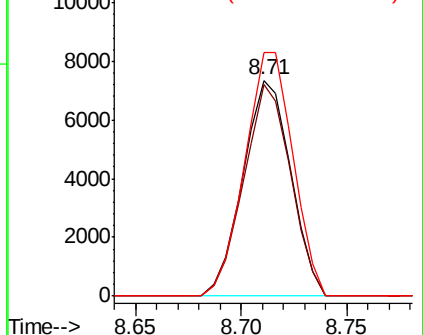
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 11581 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 97.9  | 77.5  | 116.3 |
| 201       | 112.7 | 90.5  | 135.7 |

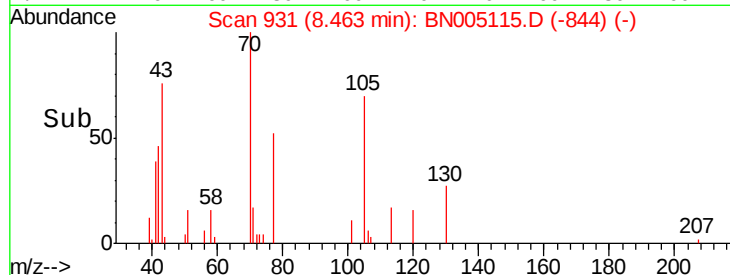
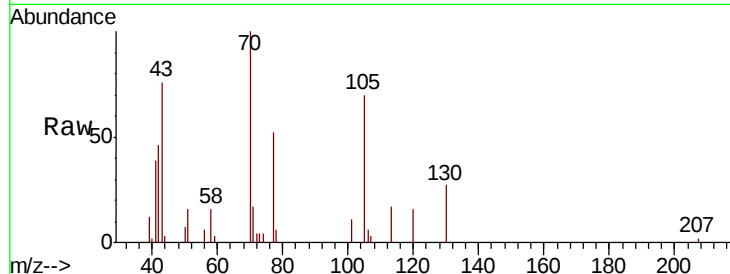
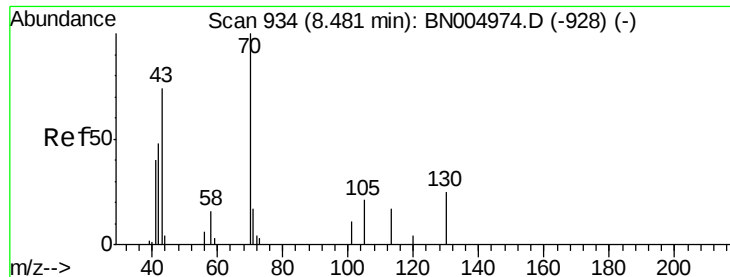
Abundance

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





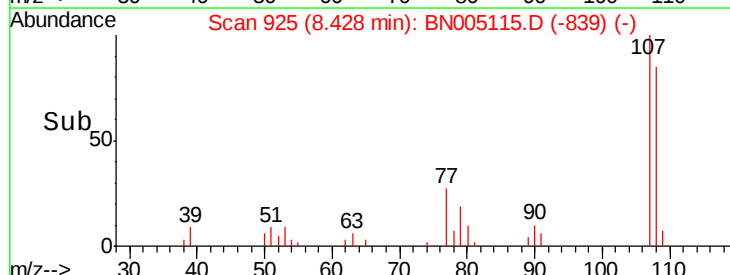
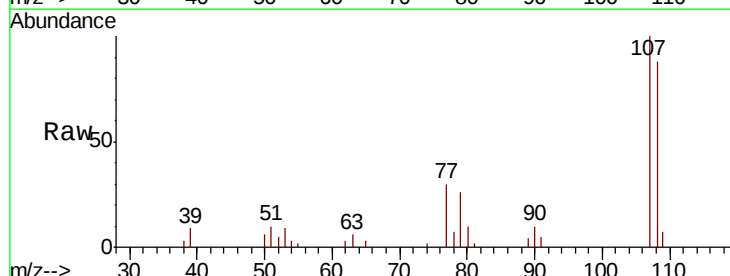
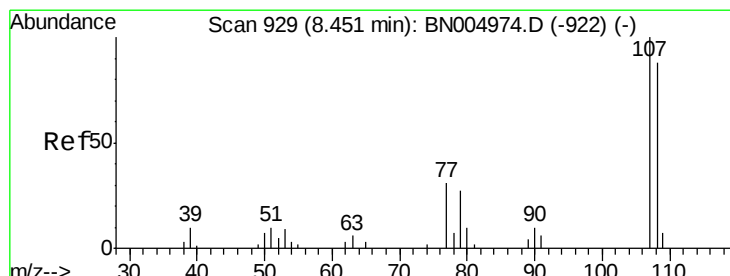
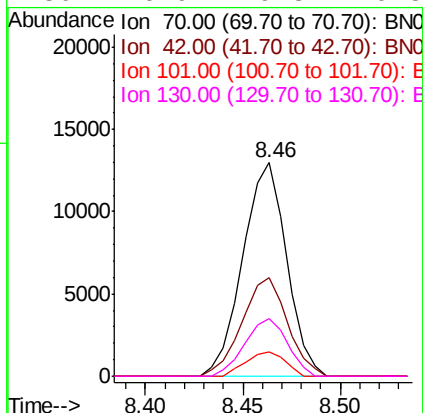
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.186 ng  
RT: 8.46 min Scan# 931  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 46.3  | 38.4  | 57.6  |
| 101     | 11.1  | 8.8   | 13.2  |
| 130     | 26.9  | 19.8  | 29.8  |

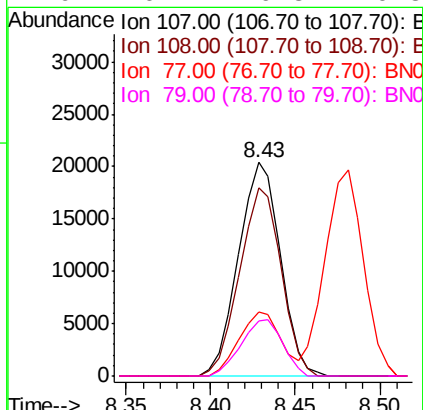
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#20  
3+4-Methylphenols  
Concen: 41.921 ng  
RT: 8.43 min Scan# 925  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.0  | 67.9  | 107.9 |
| 77      | 30.1  | 10.6  | 50.6  |
| 79      | 26.1  | 6.8   | 46.8  |





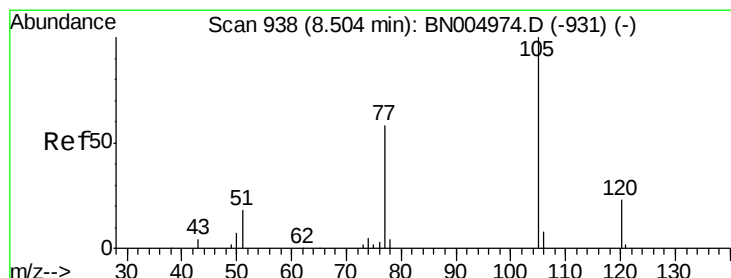
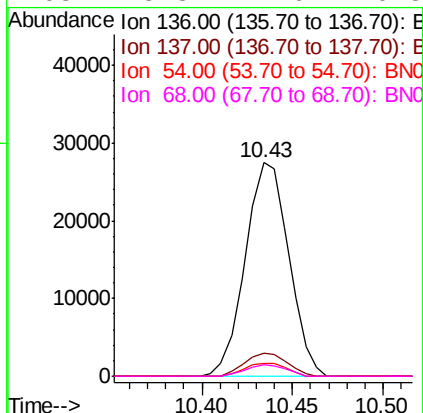
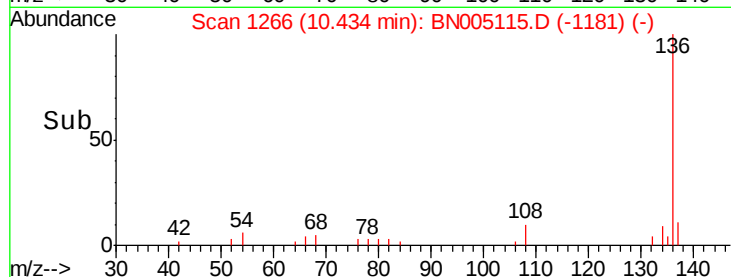
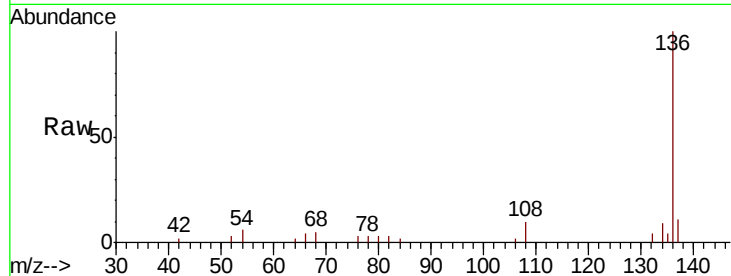
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.43 min Scan# 1266  
Delta R.T. -0.03 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 11.0  | 8.9   | 13.3  |
| 54      | 6.3   | 5.3   | 7.9   |
| 68      | 5.3   | 4.6   | 6.8   |

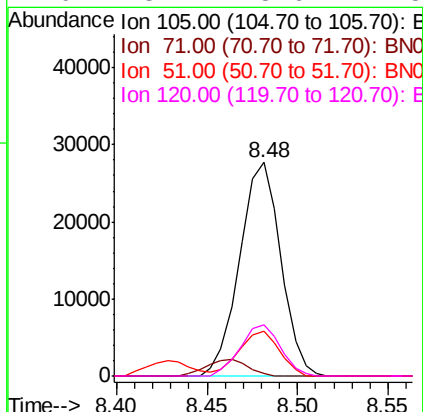
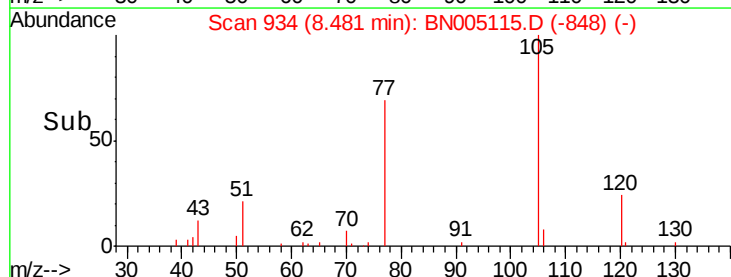
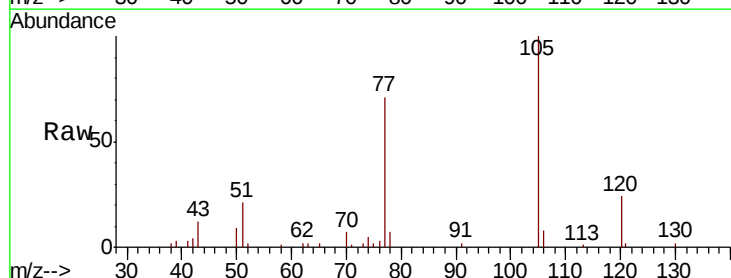
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#22  
Acetophenone  
Concen: 41.764 ng  
RT: 8.48 min Scan# 934  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 1.2   | 0.0   | 0.0#  |
| 51      | 20.8  | 17.8  | 26.8  |
| 120     | 23.7  | 18.6  | 27.8  |





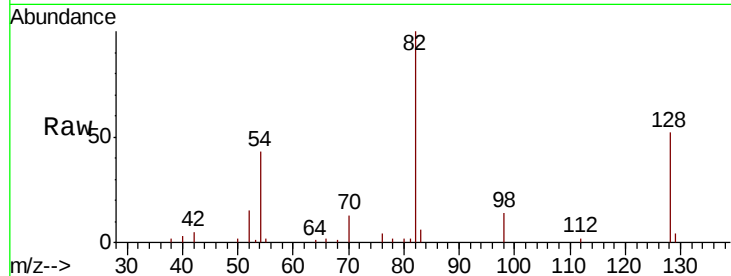
#23  
Nitrobenzene-d5  
Concen: 73.958 ng  
RT: 8.82 min Scan# 992  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleID :  
PB118726BS

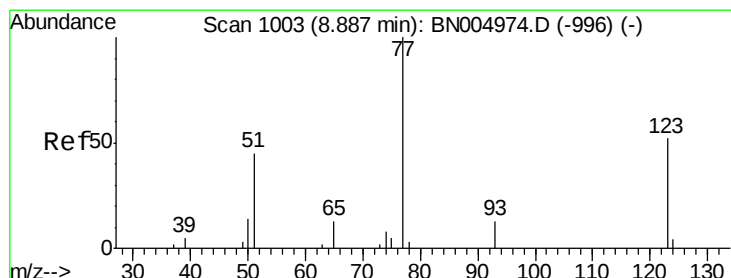
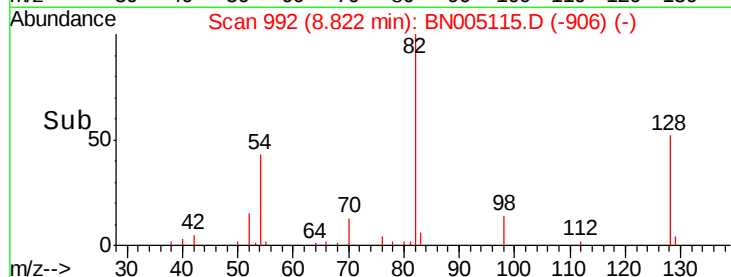
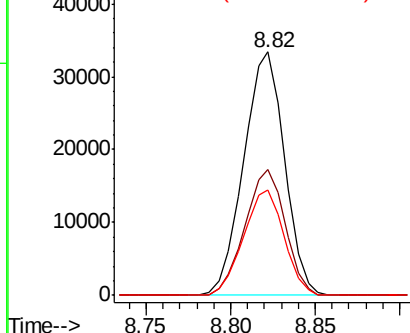
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 51.6  | 40.6  | 60.8  |
| 54      | 43.4  | 35.2  | 52.8  |

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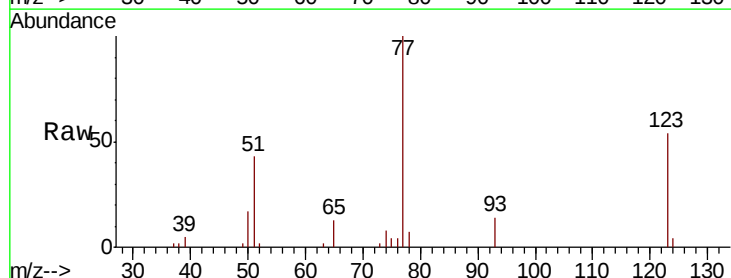


Abundance Ion 82.00 (81.70 to 82.70): BN004974.D (-988) (-)  
Ion 128.00 (127.70 to 128.70): BN004974.D (-988) (-)  
Ion 54.00 (53.70 to 54.70): BN004974.D (-988) (-)

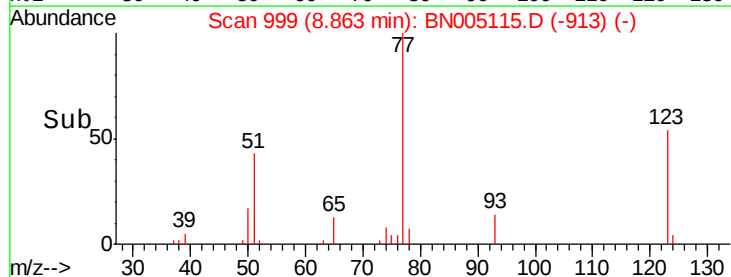
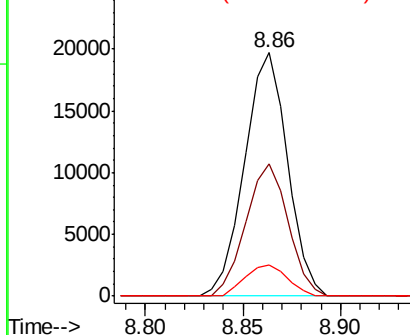


#24  
Nitrobenzene  
Concen: 39.063 ng  
RT: 8.86 min Scan# 999  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 54.4  | 41.3  | 61.9  |
| 65      | 13.0  | 10.3  | 15.5  |



Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-996) (-)  
Ion 123.00 (122.70 to 123.70): BN004974.D (-996) (-)  
Ion 65.00 (64.70 to 65.70): BN004974.D (-996) (-)





#25

Isophorone

Concen: 38.161 ng

RT: 9.38 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

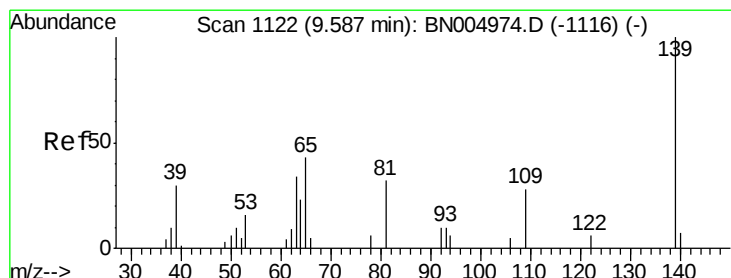
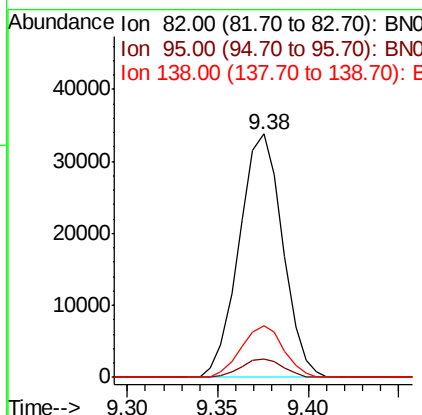
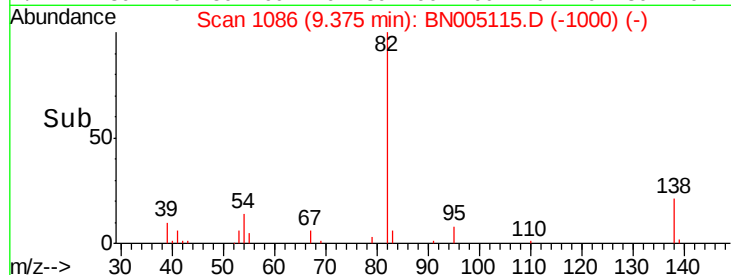
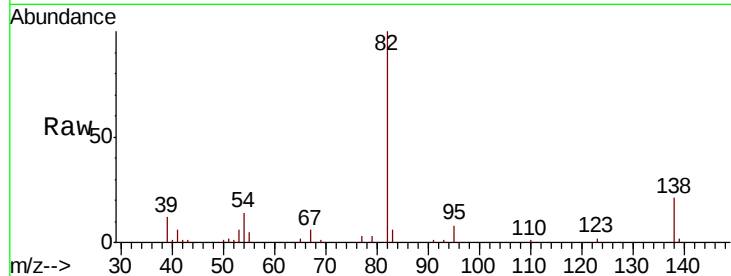
ClientSampleId :

PB118726BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 82    | Resp: | 56371 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 7.7   | 6.1   | 9.1   |
| 138       | 21.3  | 16.2  | 24.2  |

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#26

2-Nitrophenol

Concen: 40.538 ng

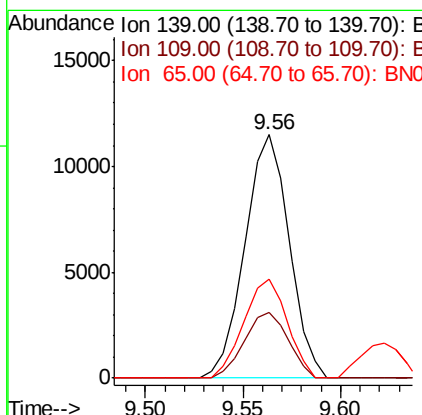
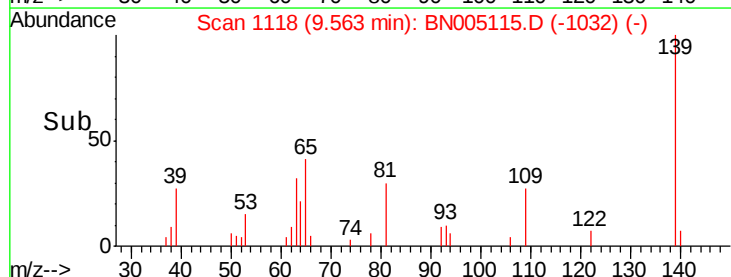
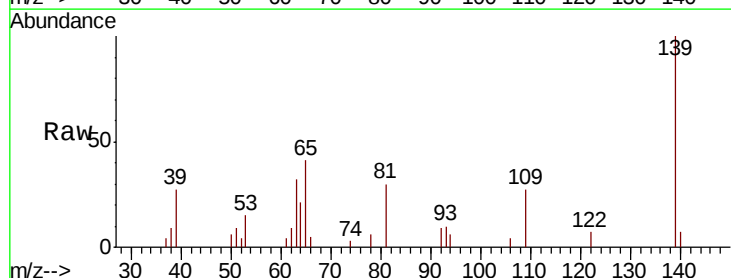
RT: 9.56 min Scan# 1118

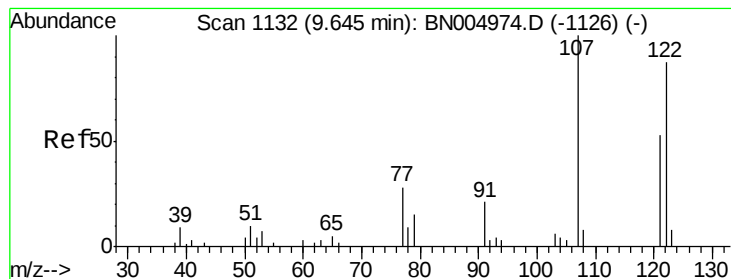
Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 18063 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 26.7  | 22.5  | 33.7  |
| 65        | 40.8  | 34.2  | 51.4  |





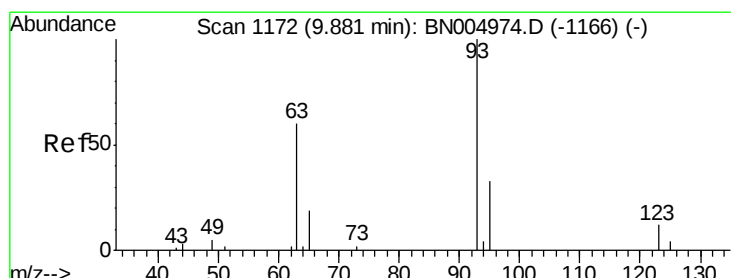
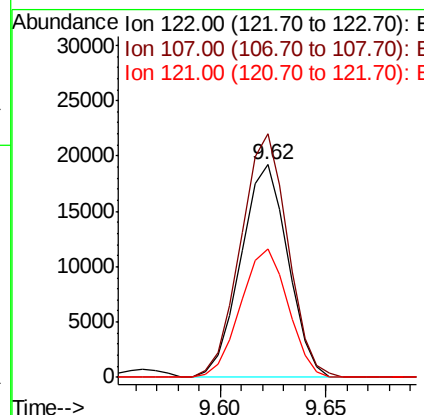
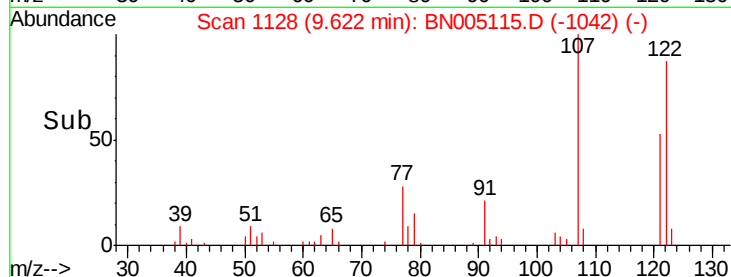
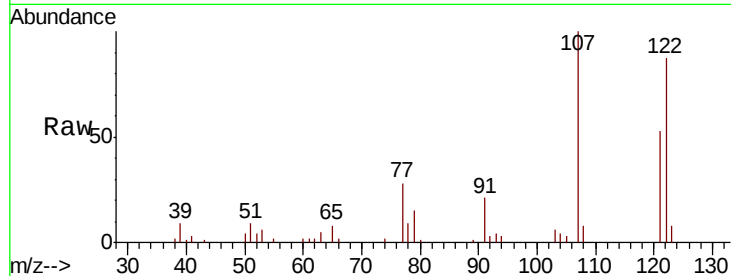
#27  
 2,4-Dimethylphenol  
 Concen: 47.945 ng  
 RT: 9.62 min Scan# 1128  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.5 | 91.6  | 137.4 |
| 121     | 60.4  | 48.2  | 72.2  |

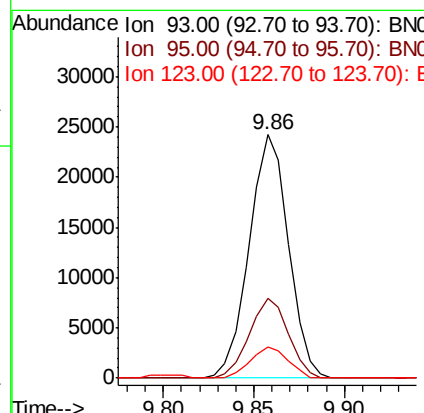
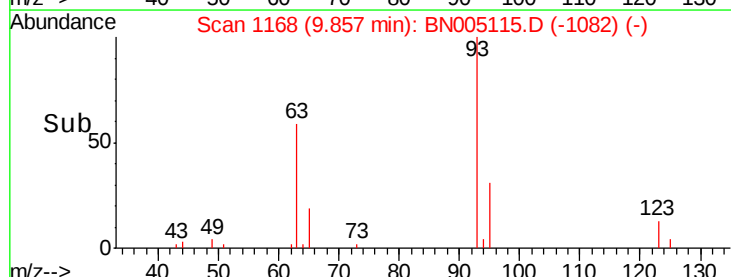
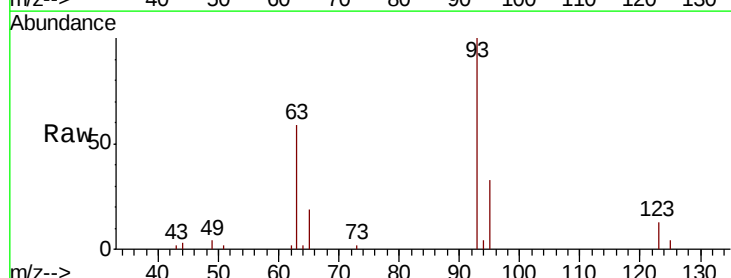
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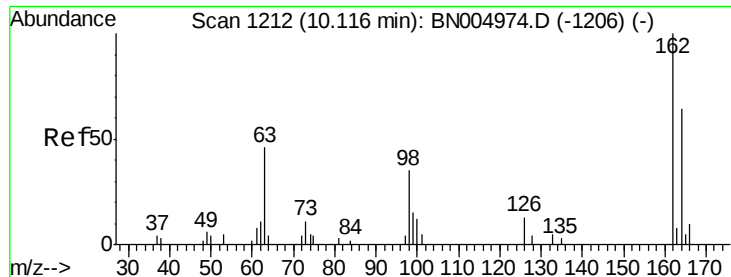
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.882 ng  
 RT: 9.86 min Scan# 1168  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.2  | 39.4  |
| 123     | 12.6  | 9.8   | 14.8  |





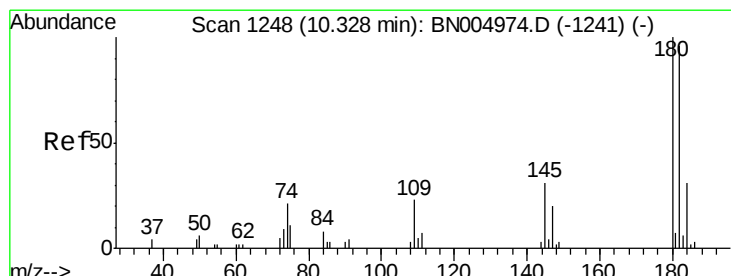
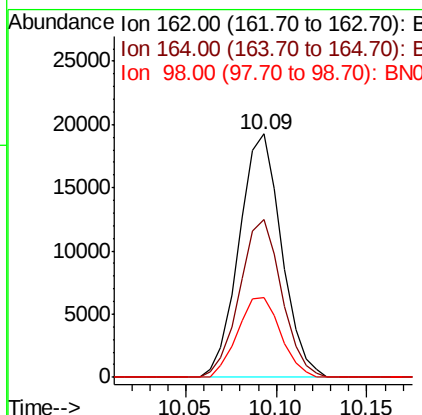
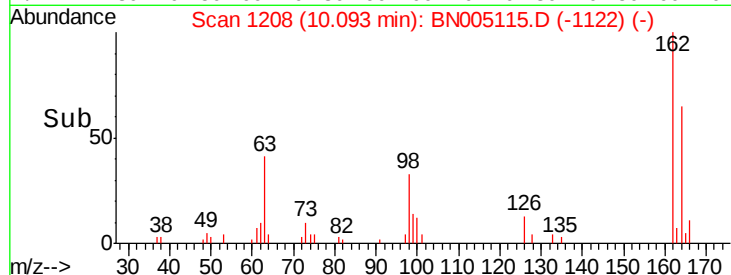
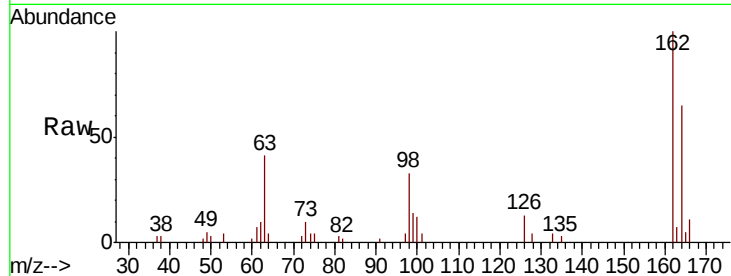
#29  
 2,4-Dichlorophenol  
 Concen: 43.950 ng  
 RT: 10.09 min Scan# 1208  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 44.3  | 84.3  |
| 98      | 33.0  | 15.3  | 55.3  |

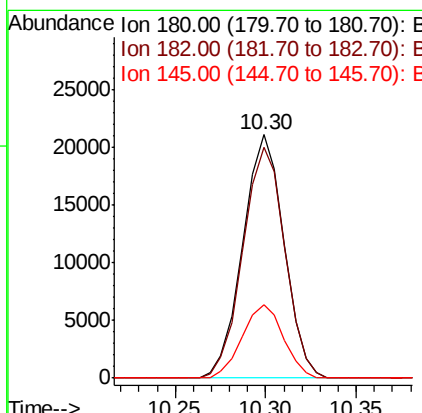
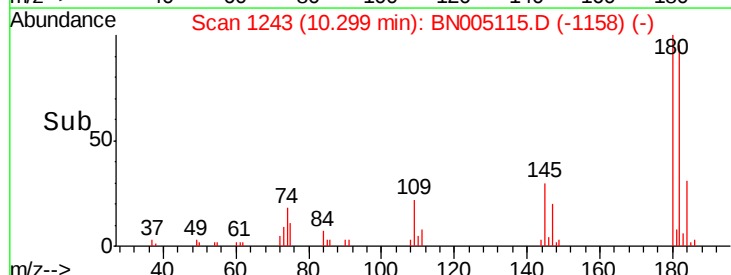
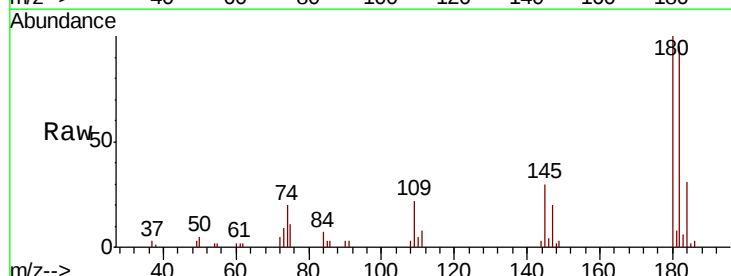
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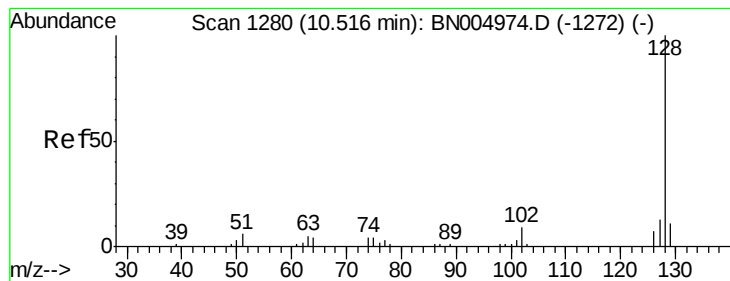
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.485 ng  
 RT: 10.30 min Scan# 1243  
 Delta R.T. -0.03 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 76.6  | 114.8 |
| 145     | 30.2  | 24.6  | 37.0  |





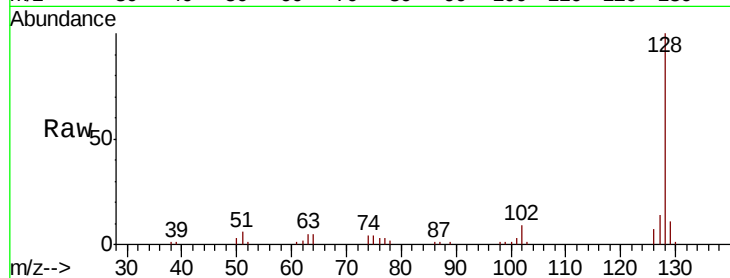
#31  
Naphthalene  
Concen: 41.269 ng  
RT: 10.49 min Scan# 1275  
Delta R.T. -0.03 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.7   | 13.1  |
| 127     | 13.5  | 10.8  | 16.2  |

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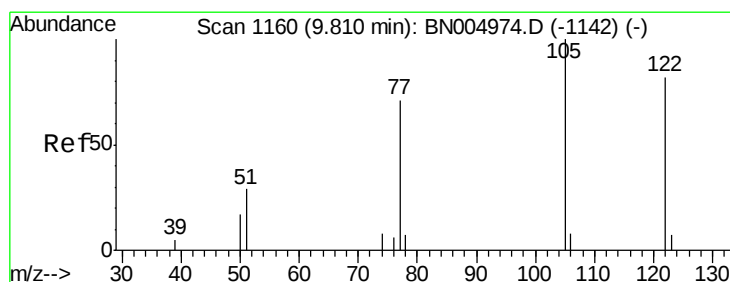
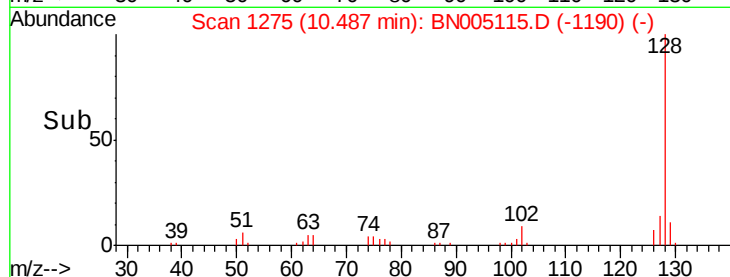
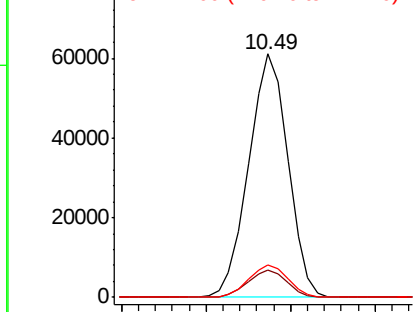


Abundance

Ion 128.00 (127.70 to 128.70): E

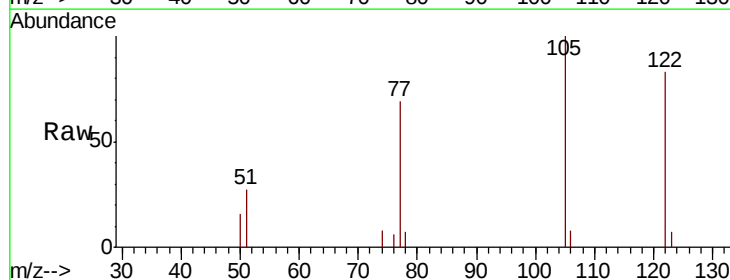
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32  
Benzoic acid  
Concen: 35.683 ng  
RT: 9.81 min Scan# 1160  
Delta R.T. 0.00 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 120.2 | 102.4 | 142.4 |
| 77      | 83.0  | 67.1  | 107.1 |

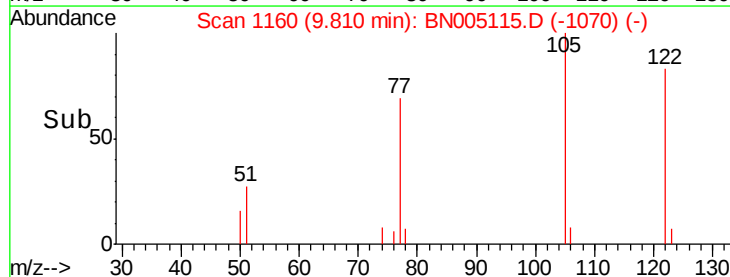
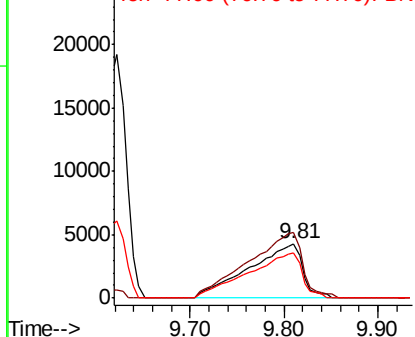


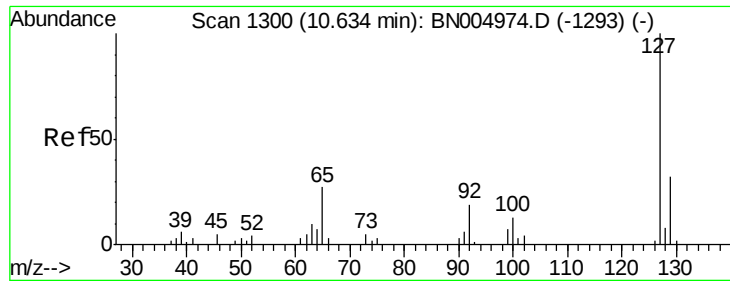
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO





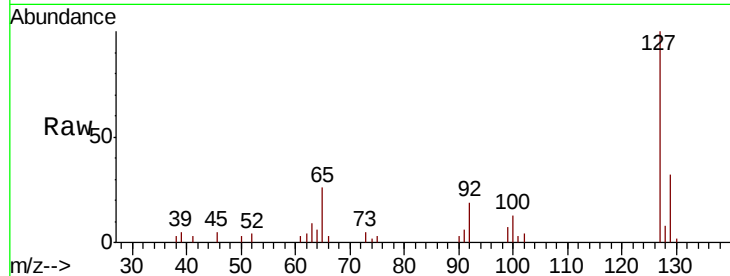
#33  
4-Chloroaniline  
Concen: 24.300 ng  
RT: 10.61 min Scan# 1296  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

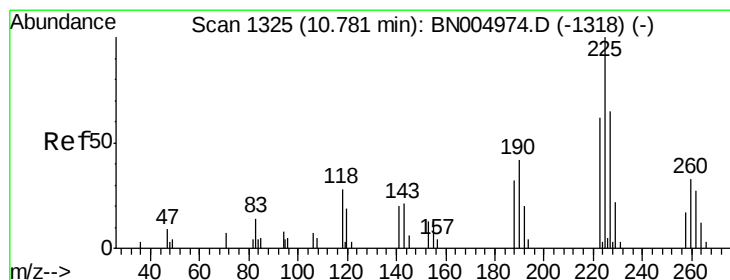
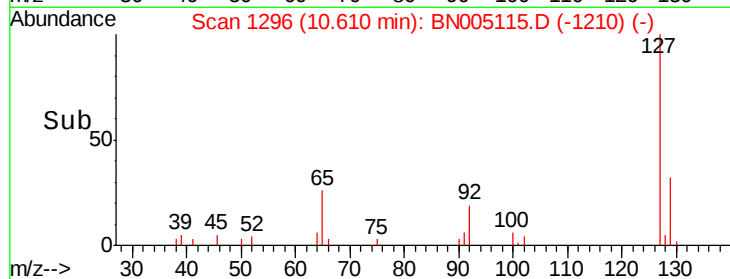
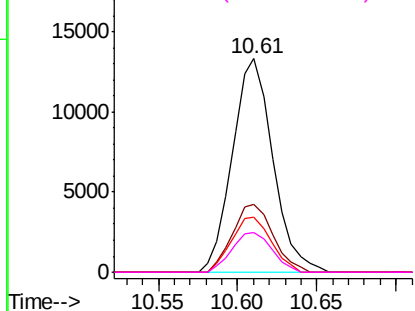
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.9 | 25.9  | 38.9 |       |       |
| 65      | 25.7 | 21.4  | 32.0 |       |       |
| 92      | 18.8 | 15.3  | 22.9 |       |       |

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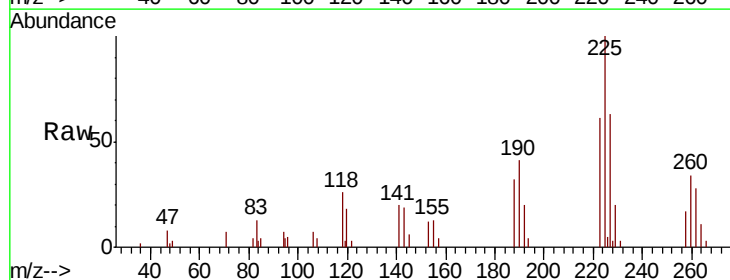


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BNC  
Ion 92.00 (91.70 to 92.70): BNC

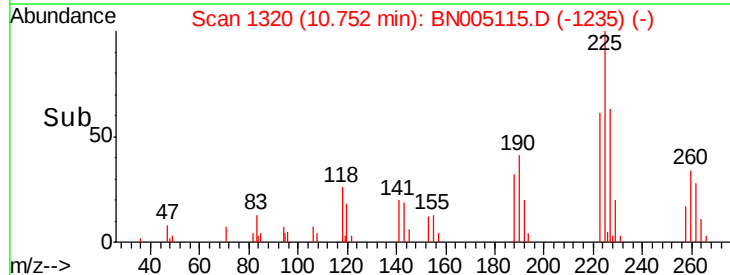
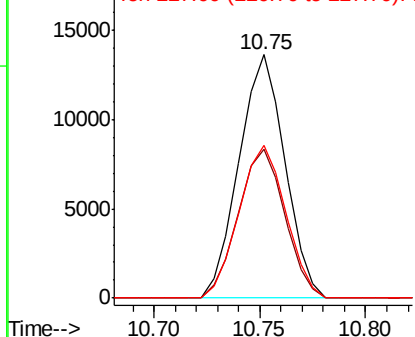


#34  
Hexachlorobutadiene  
Concen: 40.581 ng  
RT: 10.75 min Scan# 1320  
Delta R.T. -0.03 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 61.2 | 49.7  | 74.5 |       |       |
| 227     | 63.0 | 52.0  | 78.0 |       |       |



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





#35

Caprolactam

Concen: 37.415 ng/ml

RT: 11.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

ClientSampleId :

PB118726BS

Tot Ion:113 Resp: 8735

Ion Ratio Lower Upper

113 100

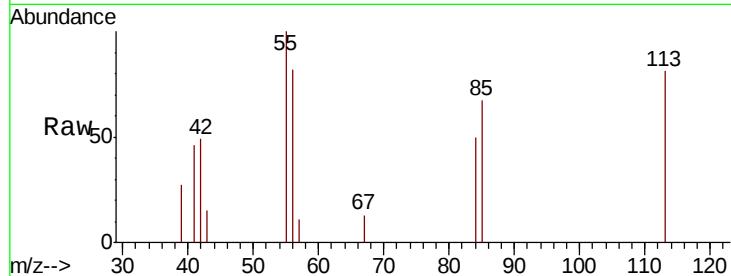
55 123.5 115.8 155.8

56 100.9 85.1 125.1

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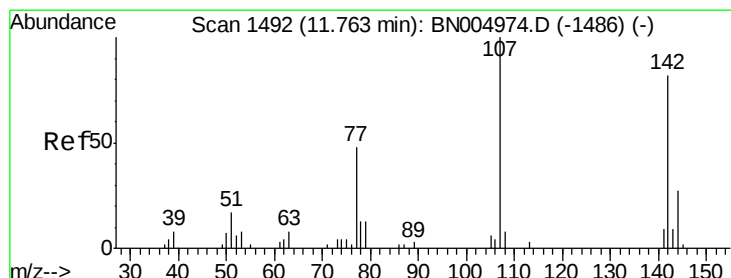
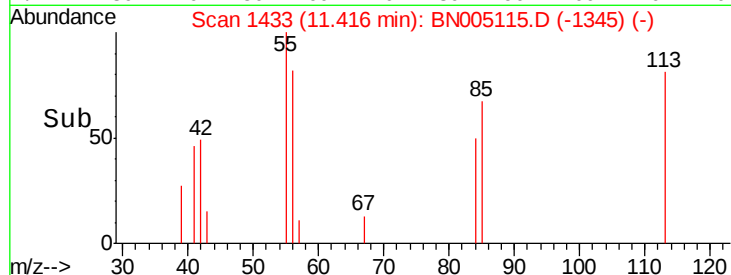
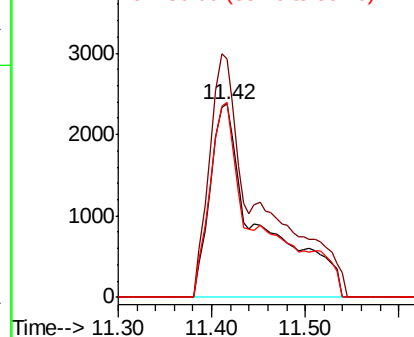


Abundance

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: 40.017 ng/ml

RT: 11.74 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

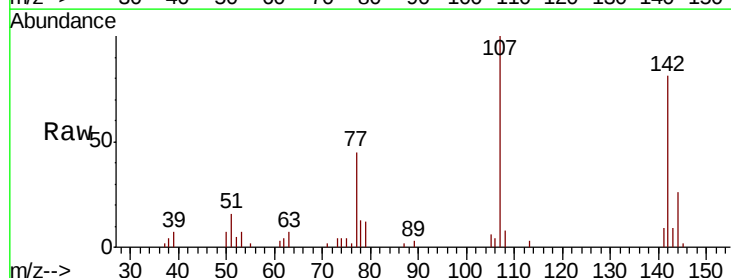
Tgt Ion:107 Resp: 30822

Ion Ratio Lower Upper

107 100

144 26.3 21.3 31.9

142 81.5 65.8 98.8

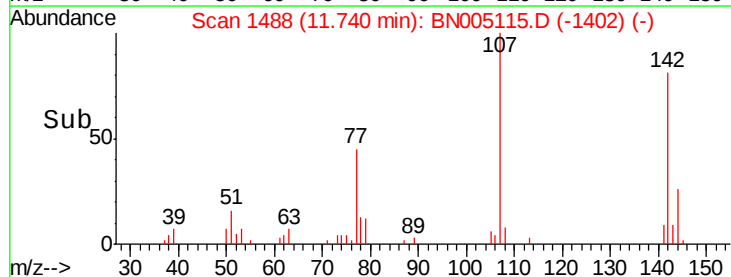
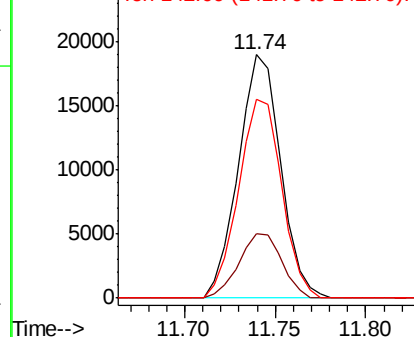


Abundance

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





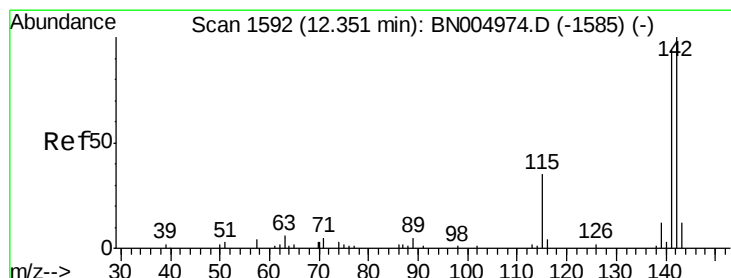
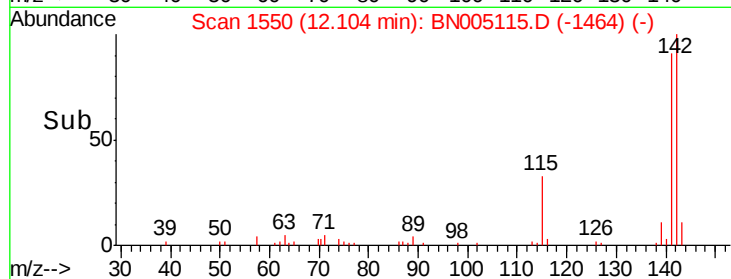
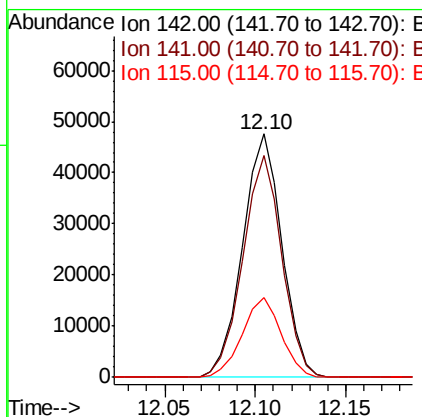
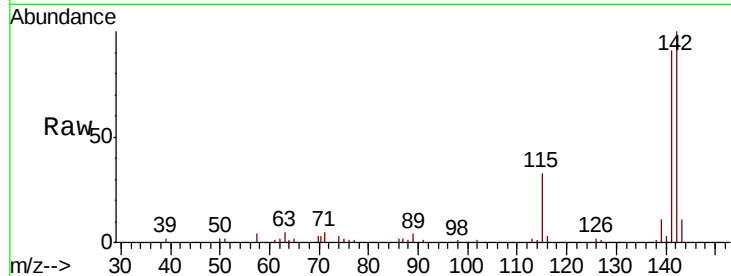
#37  
 2-Methylnaphthalene  
 Concen: 42.291 ng  
 RT: 12.10 min Scan# 1550  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.0  | 71.8  | 107.8 |
| 115     | 32.6  | 27.0  | 40.4  |

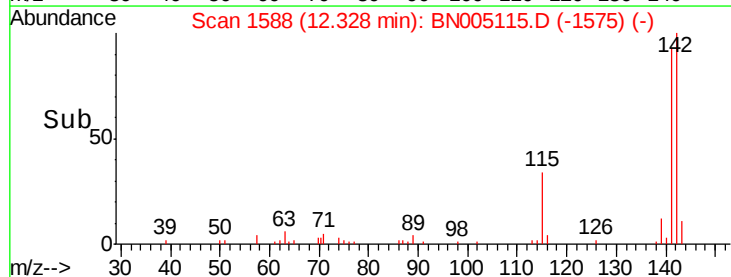
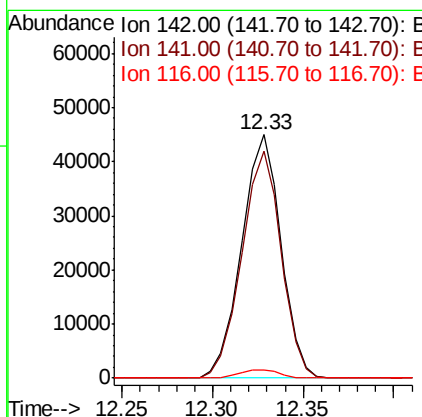
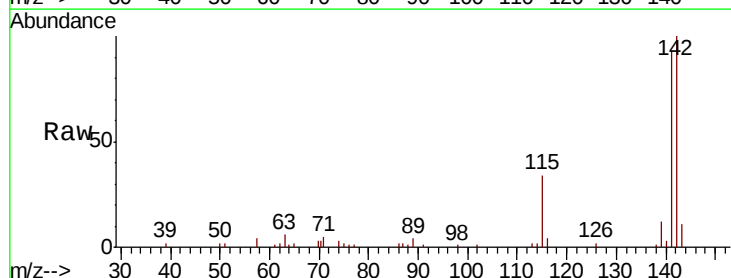
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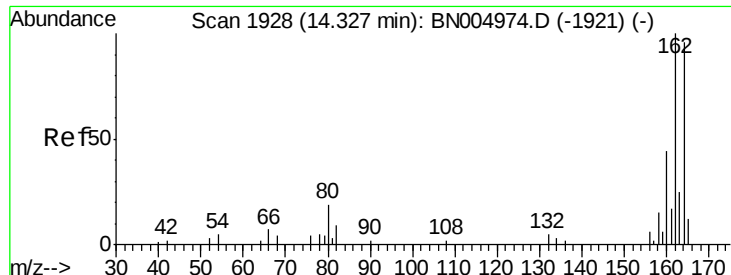
Sohil  
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#38  
 1-Methylnaphthalene  
 Concen: 40.956 ng  
 RT: 12.33 min Scan# 1588  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.3  | 74.9  | 112.3 |
| 116     | 3.6   | 3.0   | 4.4   |





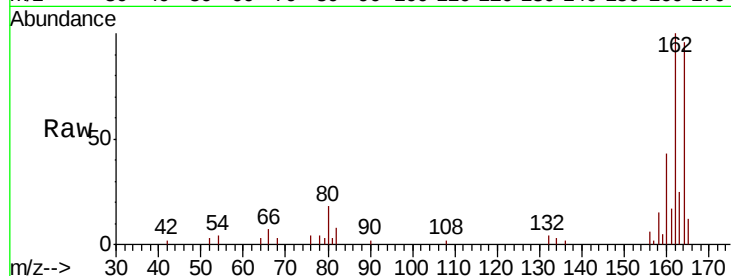
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.30 min Scan# 1924  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.5 | 83.4  | 125.0 |
| 160     | 45.0  | 36.6  | 55.0  |

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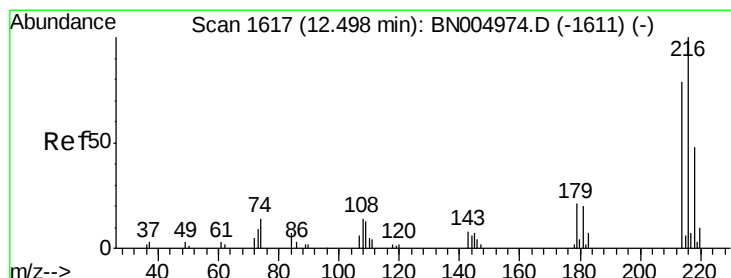
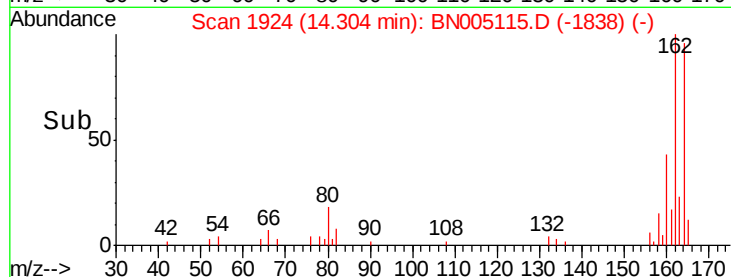
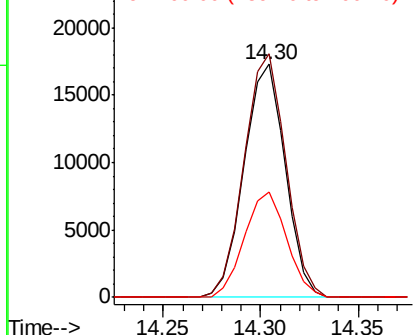


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.214 ng  
RT: 12.48 min Scan# 1613  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 62.6  | 94.0  |
| 179     | 20.5  | 16.4  | 24.6  |
| 108     | 17.0  | 12.7  | 19.1  |

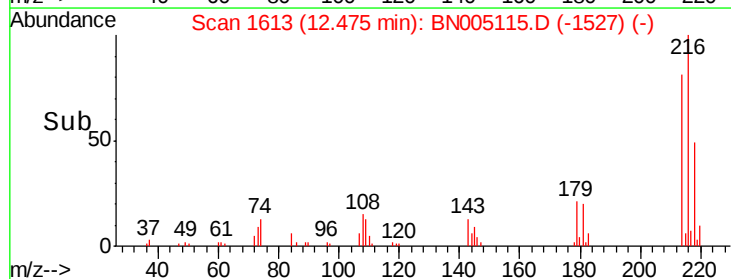
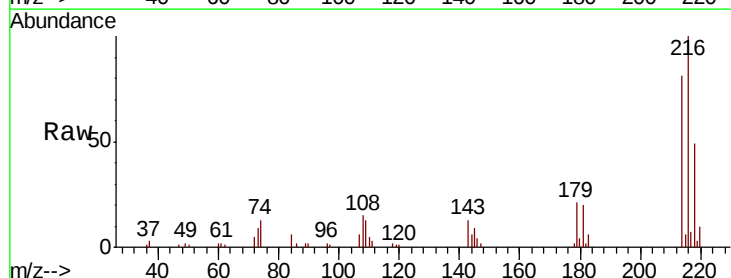
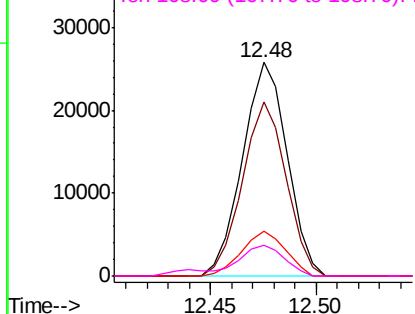
Abundance

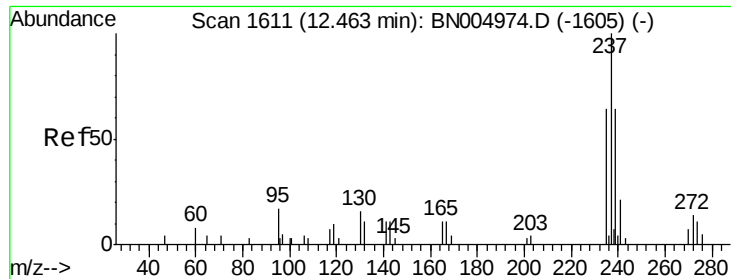
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.199 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

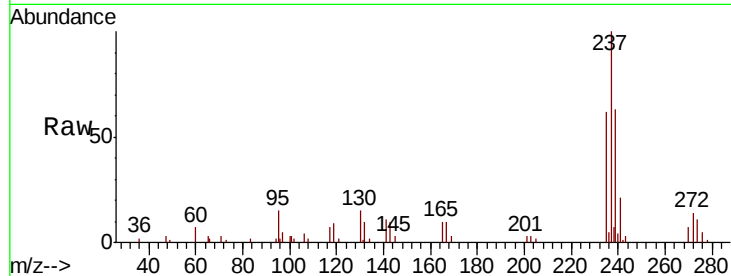
ClientSampleId :

PB118726BS

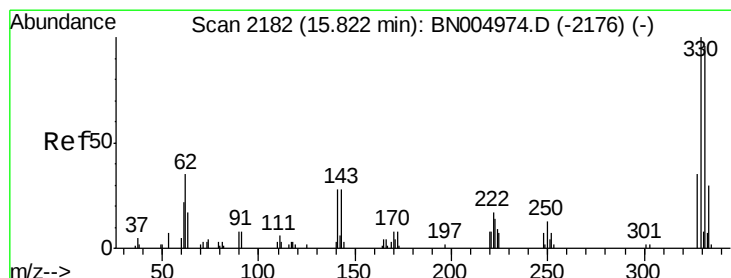
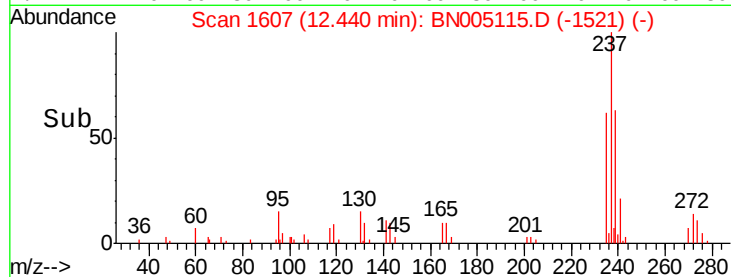
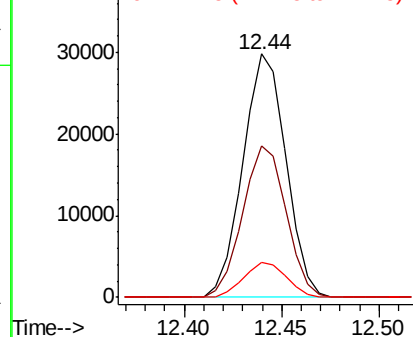
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 237   | Resp: | 45566 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 62.1  | 43.6  | 83.6  |
| 272       | 14.2  | 0.0   | 33.5  |

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



#42

2,4,6-Tribromophenol

Concen: 136.939 ng

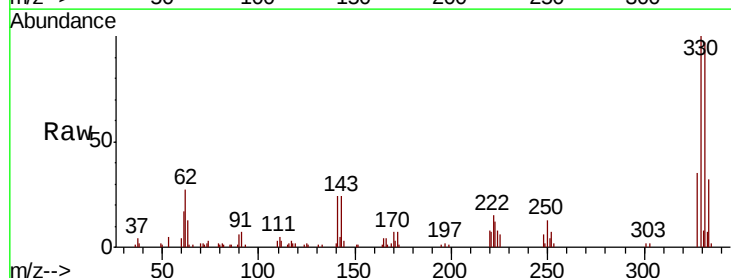
RT: 15.80 min Scan# 2179

Delta R.T. -0.02 min

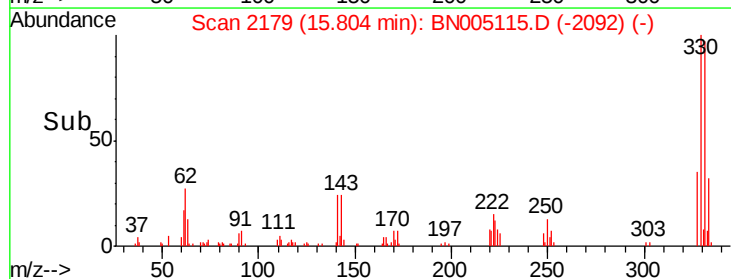
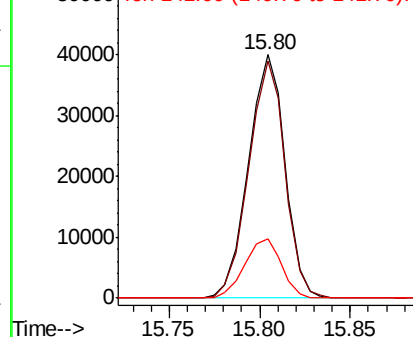
Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 55868 |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 96.4  | 77.4  | 116.0 |
| 141       | 24.4  | 22.1  | 33.1  |



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





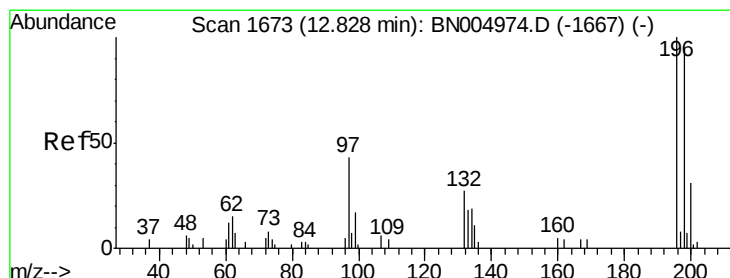
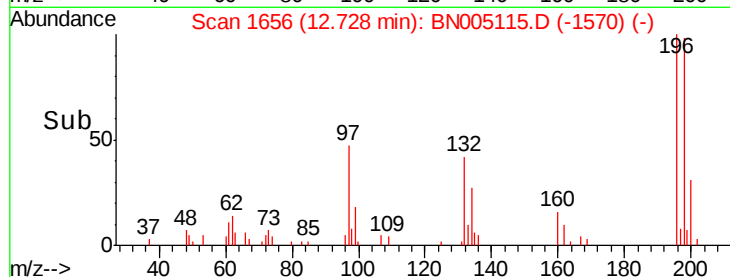
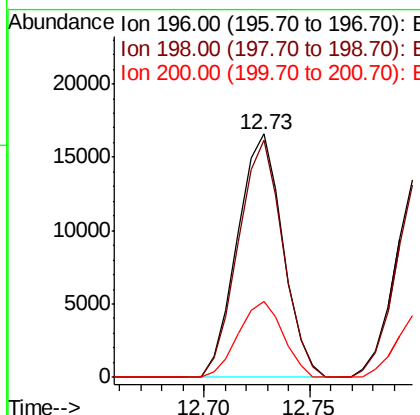
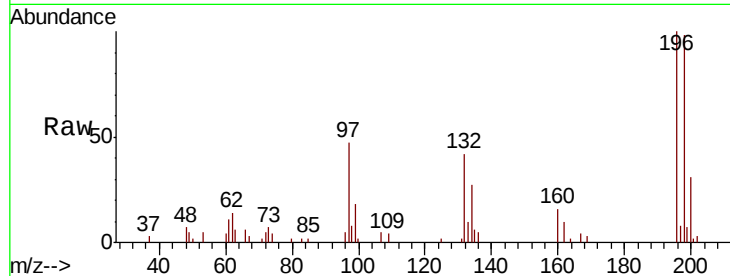
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.424 ng  
 RT: 12.73 min Scan# 1656  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampled :  
 PB118726BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 24732 |       |       |
| 198     | 97.6  | 76.5  | 114.7 |       |
| 200     | 31.4  | 24.0  | 36.0  |       |

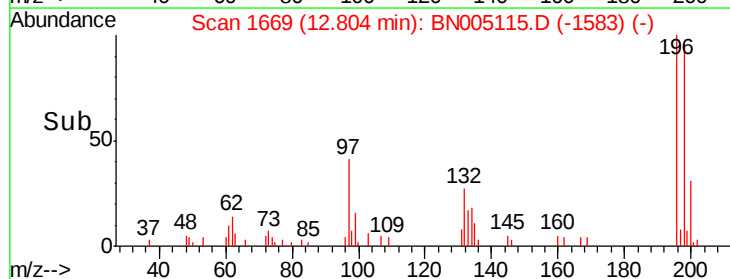
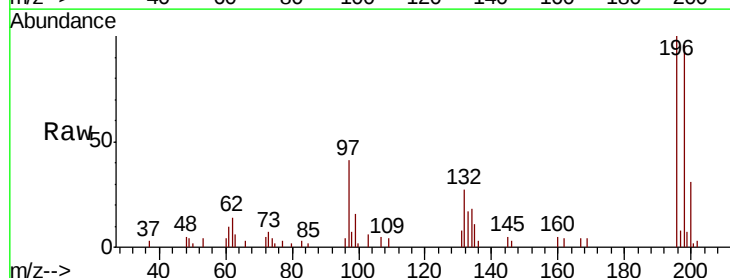
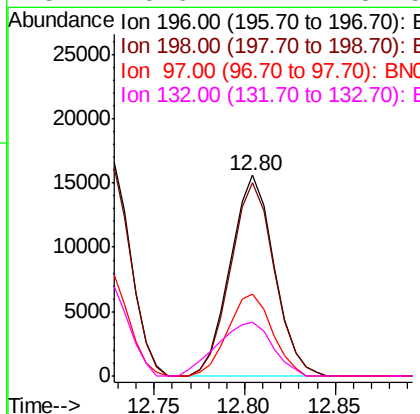
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#44  
 2,4,5-Trichlorophenol  
 Concen: 43.424 ng  
 RT: 12.80 min Scan# 1669  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 26337 |       |       |
| 198     | 96.3  | 76.1  | 114.1 |       |
| 97      | 40.8  | 34.8  | 52.2  |       |
| 132     | 26.6  | 21.7  | 32.5  |       |





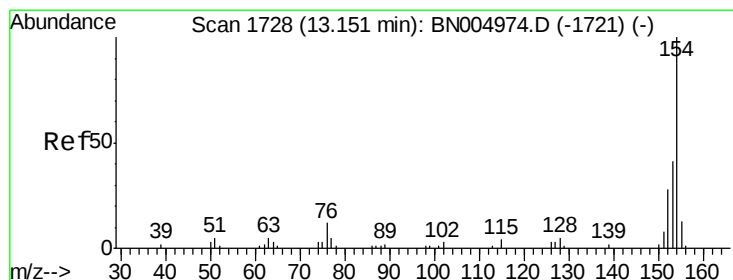
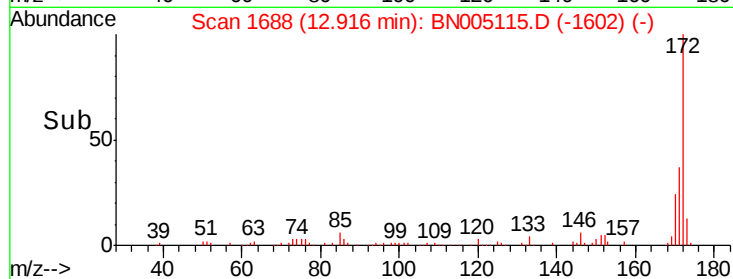
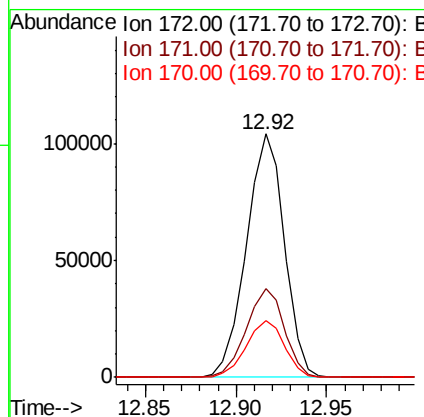
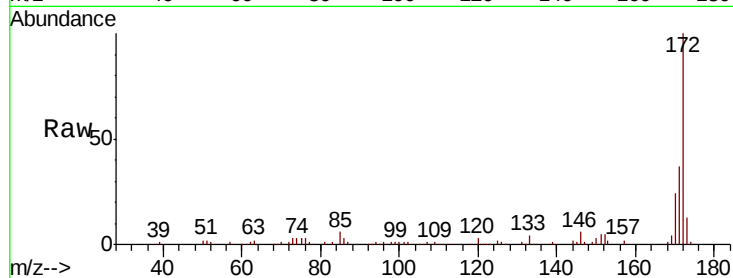
#45  
2-Fluorobiphenyl  
Concen: 79.188 ng  
RT: 12.92 min Scan# 1688  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampled :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.6  | 28.6  | 42.8  |
| 170     | 23.5  | 18.9  | 28.3  |

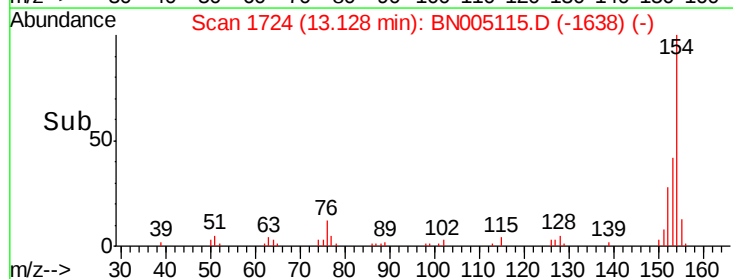
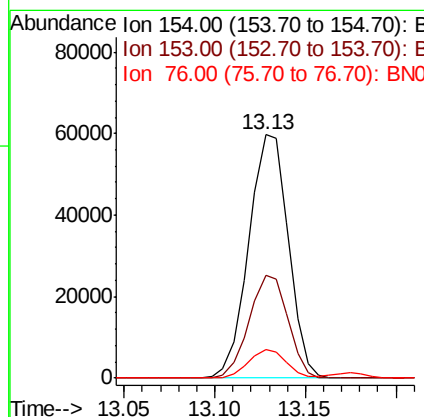
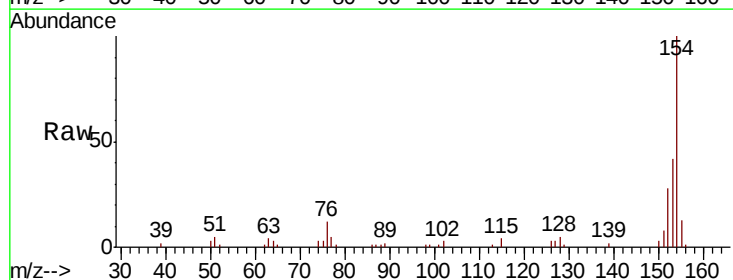
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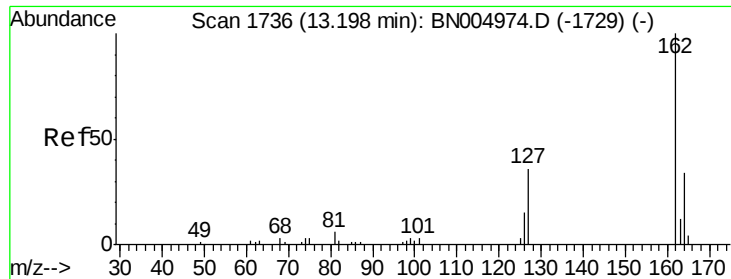
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#46  
1,1'-Biphenyl  
Concen: 42.275 ng  
RT: 13.13 min Scan# 1724  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.5  | 21.2  | 61.2  |
| 76      | 11.8  | 0.0   | 32.2  |





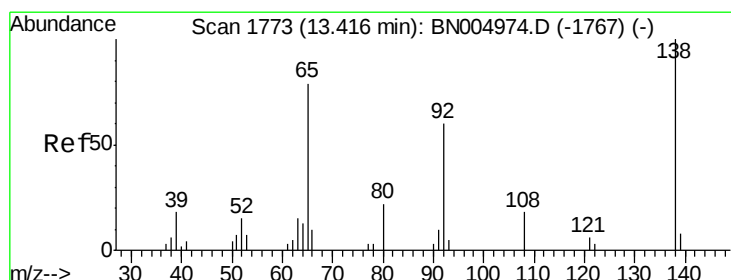
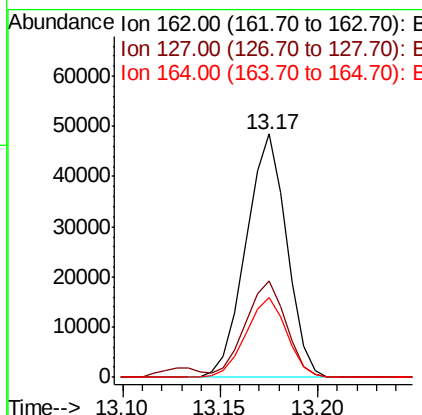
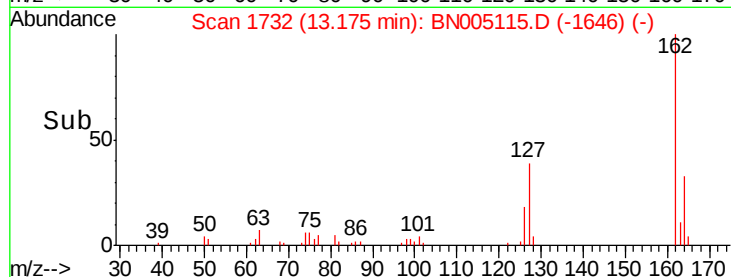
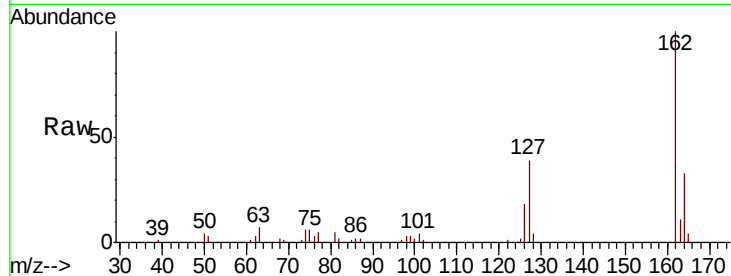
#47  
2-Chloronaphthalene  
Concen: 42.531 ng  
RT: 13.17 min Scan# 1732  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.5  | 32.4  | 48.6  |
| 164     | 32.6  | 26.8  | 40.2  |

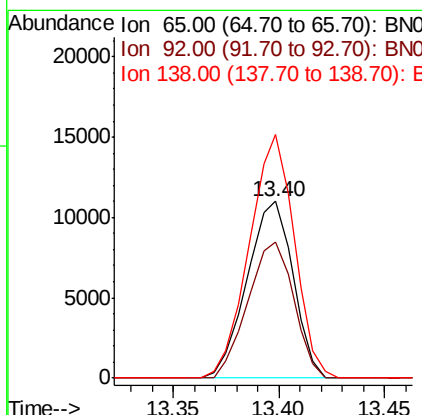
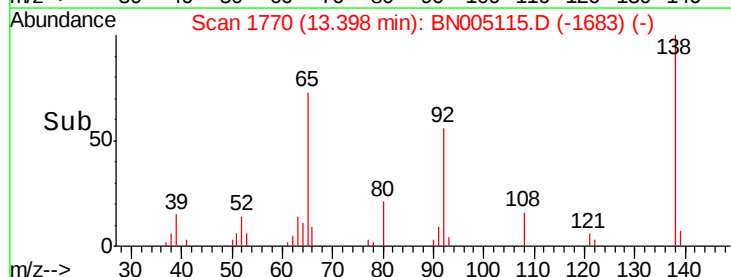
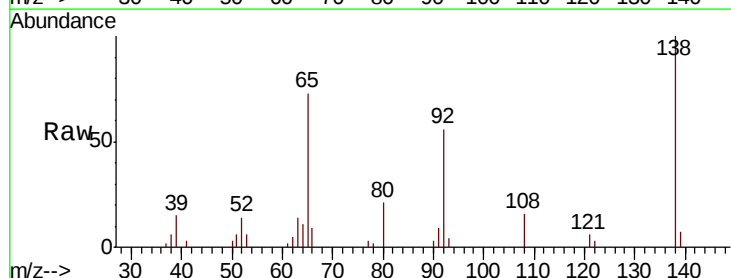
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#48  
2-Nitroaniline  
Concen: 38.086 ng  
RT: 13.40 min Scan# 1770  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 76.7  | 60.2  | 90.4  |
| 138     | 137.9 | 101.1 | 151.7 |





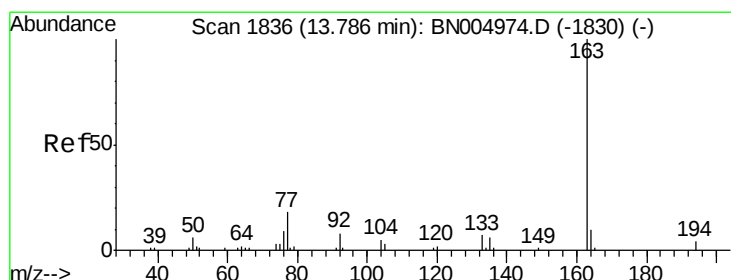
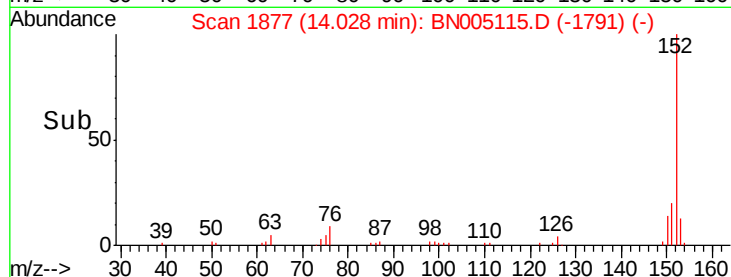
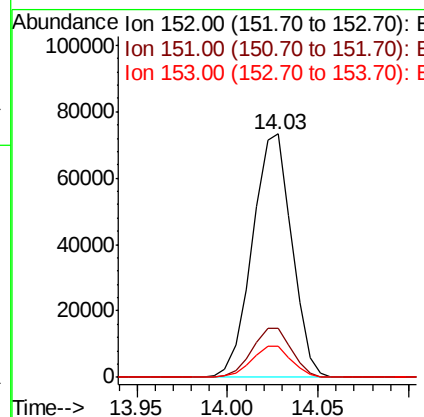
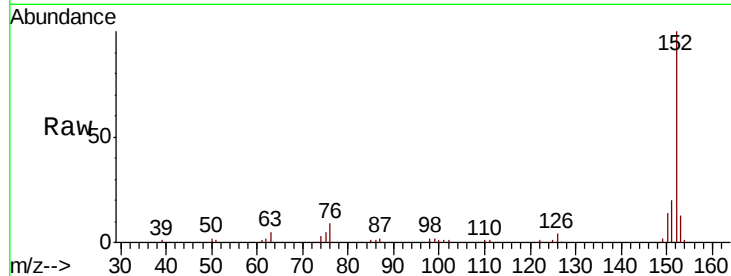
#49  
Acenaphthylene  
Concen: 40.069 ng  
RT: 14.03 min Scan# 1877  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.2  | 24.2  |
| 153     | 12.7  | 10.3  | 15.5  |

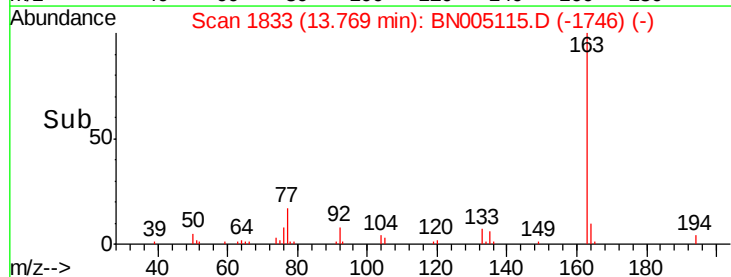
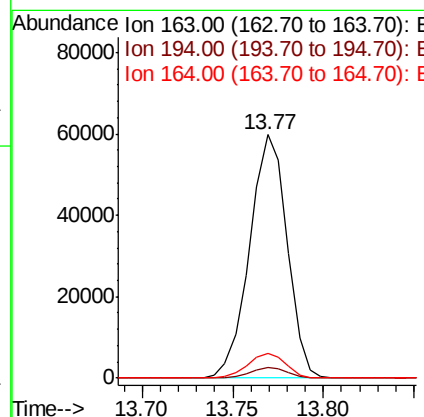
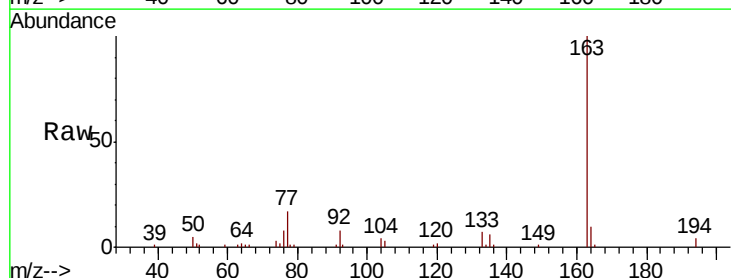
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#50  
Dimethylphthalate  
Concen: 41.278 ng  
RT: 13.77 min Scan# 1833  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.4   | 5.0   |
| 164     | 10.2  | 8.3   | 12.5  |





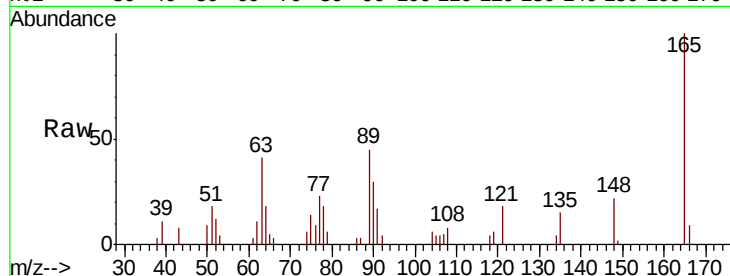
#51  
 2,6-Dinitrotoluene  
 Concen: 40.892 ng  
 RT: 13.90 min Scan# 1855  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 19338 |       |       |
| 63      | 40.9  |       | 37.3  | 55.9  |
| 89      | 44.8  |       | 39.2  | 58.8  |

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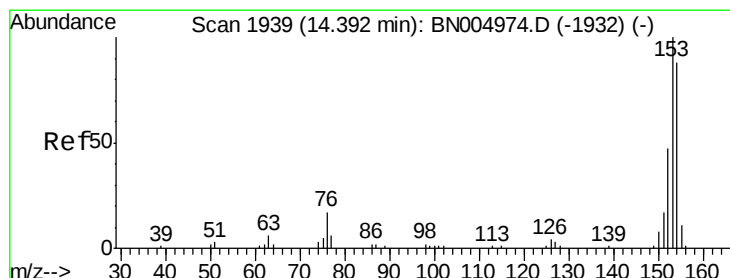
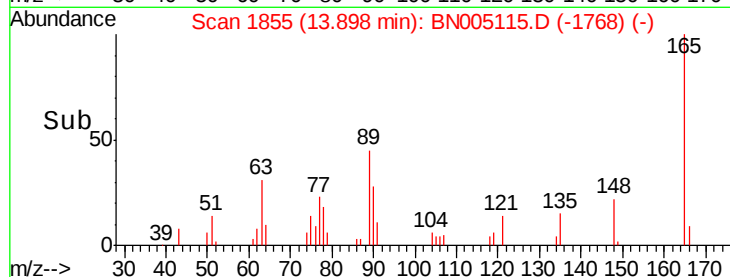
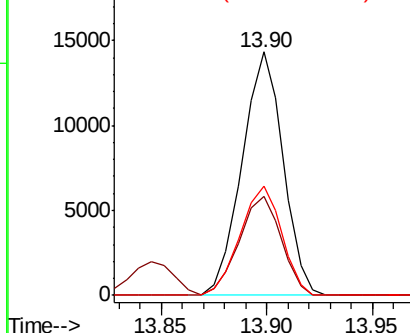


Abundance

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



#52  
 Acenaphthene  
 Concen: 41.367 ng  
 RT: 14.37 min Scan# 1935  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

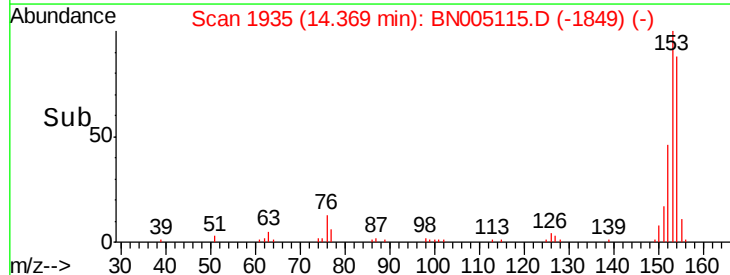
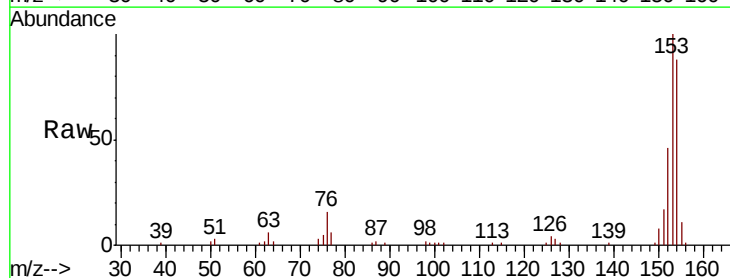
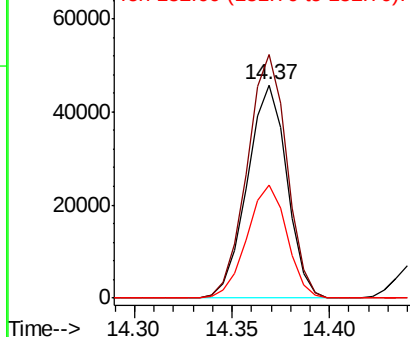
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 154     | 100   | 64304 |       |       |
| 153     | 114.3 |       | 91.0  | 136.4 |
| 152     | 53.1  |       | 43.0  | 64.4  |

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





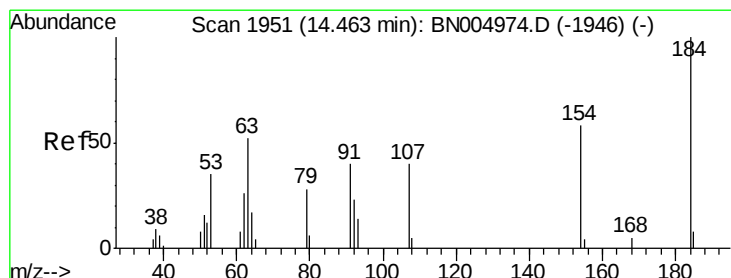
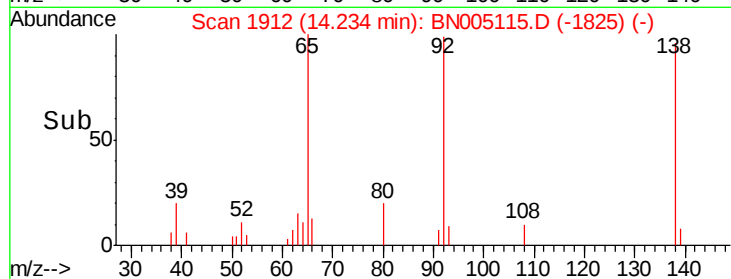
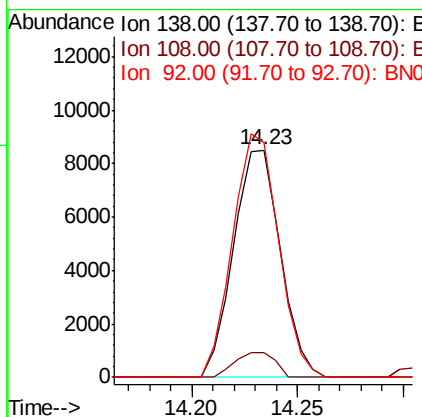
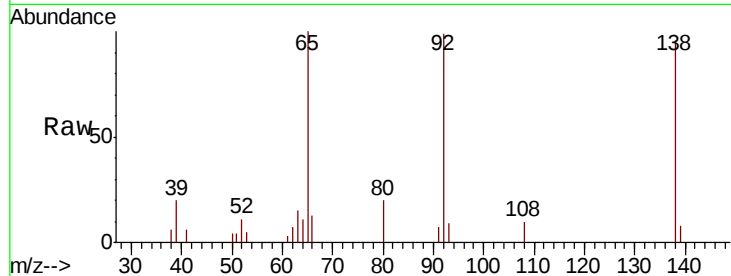
#53  
3-Nitroaniline  
Concen: 27.105 ng  
RT: 14.23 min Scan# 1912  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.9  | 8.6   | 12.8  |
| 92      | 103.6 | 86.9  | 130.3 |

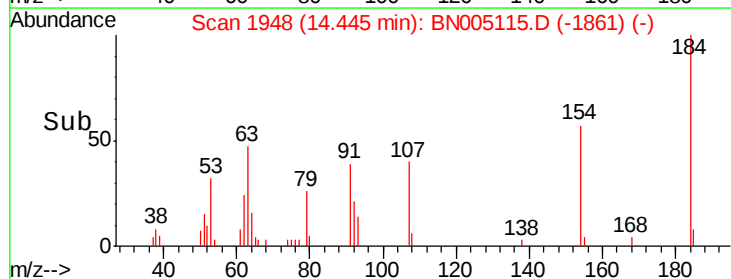
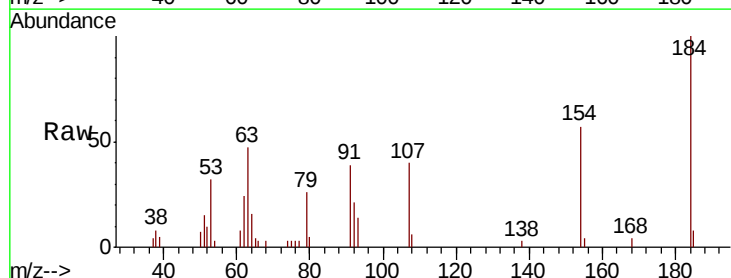
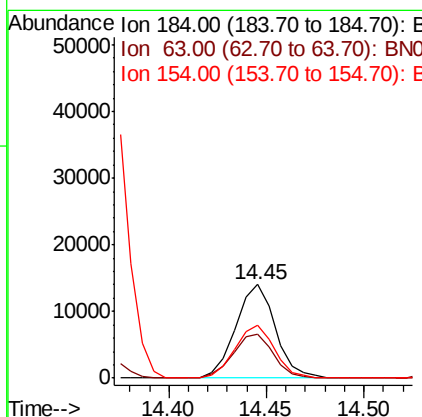
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#54  
2,4-Dinitrophenol  
Concen: 70.744 ng  
RT: 14.45 min Scan# 1948  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 46.9  | 41.6  | 62.4  |
| 154     | 56.7  | 46.8  | 70.2  |





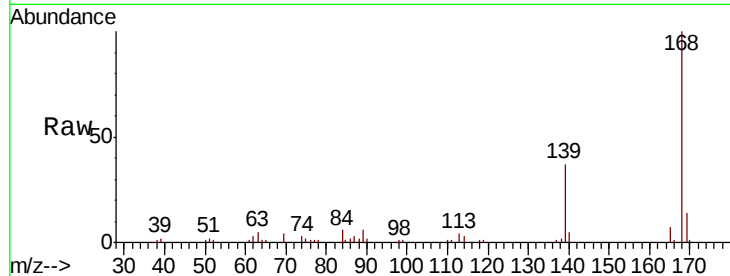
#55  
Dibenzofuran  
Concen: 41.381 ng  
RT: 14.70 min Scan# 1992  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampled :  
PB118726BS

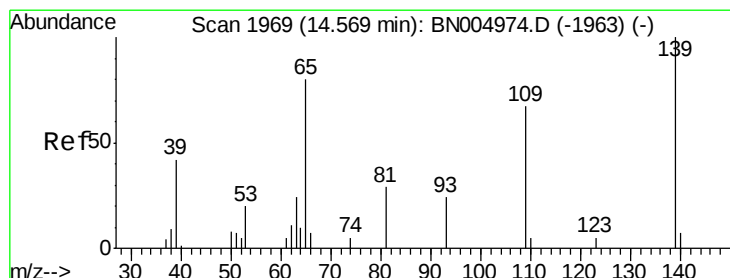
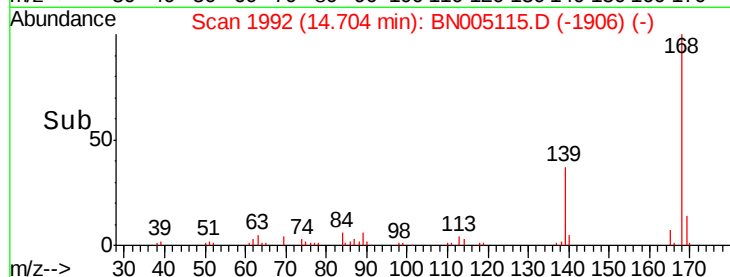
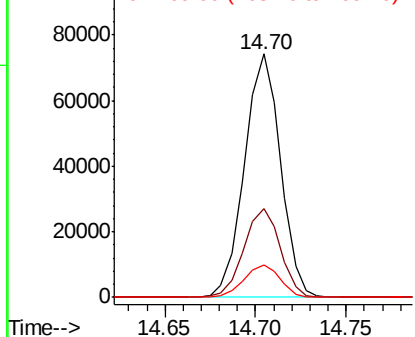
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.6  | 29.9  | 44.9  |
| 169     | 13.6  | 10.6  | 15.8  |

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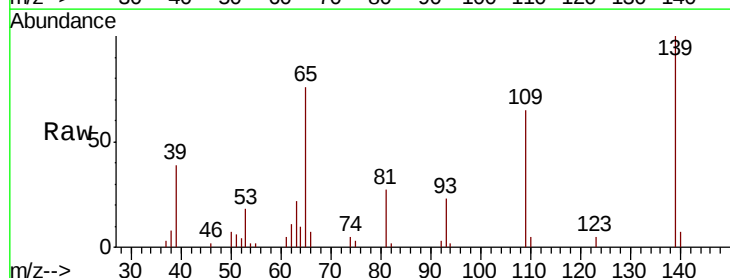


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

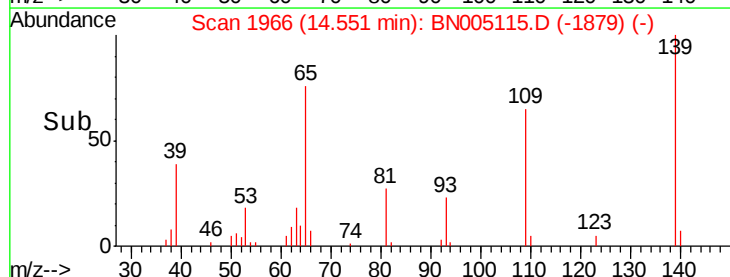
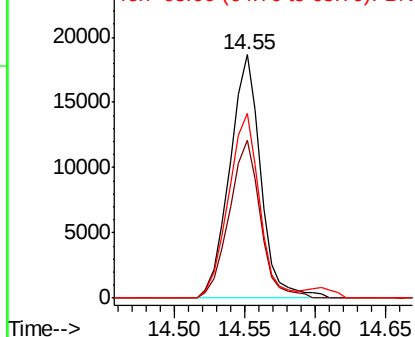


#56  
4-Nitrophenol  
Concen: 74.993 ng  
RT: 14.55 min Scan# 1966  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 65.1  | 46.5  | 86.5  |
| 65      | 75.6  | 59.5  | 99.5  |



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





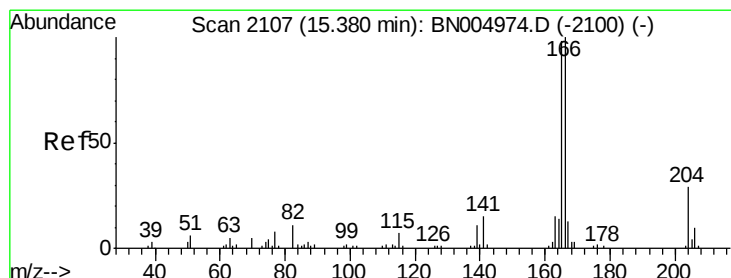
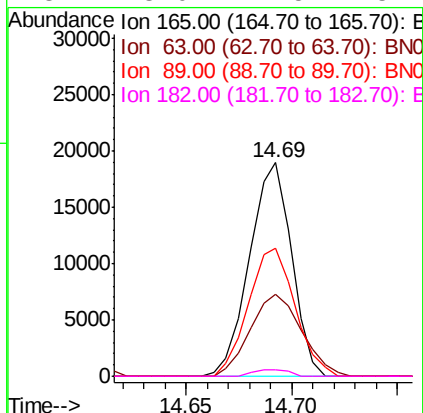
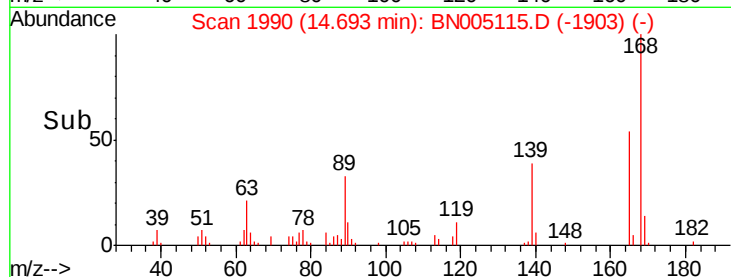
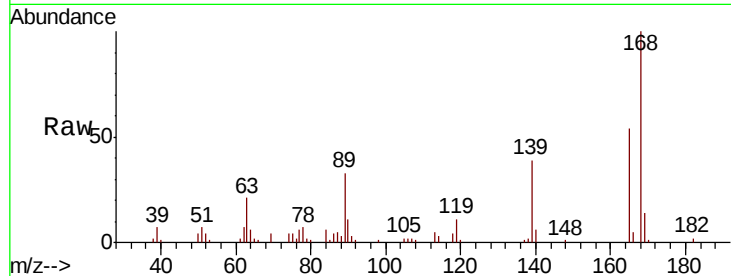
#57  
2,4-Dinitrotoluene  
Concen: 40.664 ng  
RT: 14.69 min Scan# 1990  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 26134 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 38.6  | 30.4  | 45.6  |
| 89        | 60.2  | 50.7  | 76.1  |
| 182       | 3.0   | 2.5   | 3.7   |

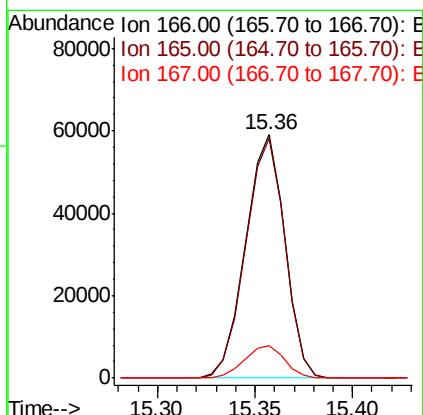
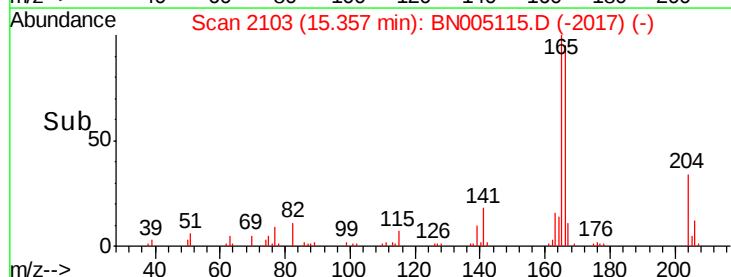
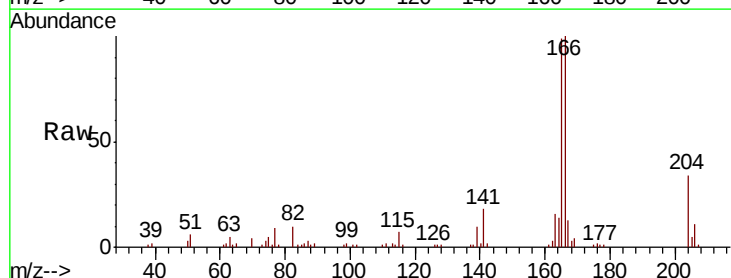
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#58  
Fluorene  
Concen: 41.132 ng  
RT: 15.36 min Scan# 2103  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 82188 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 98.6  | 78.3  | 117.5 |
| 167       | 13.4  | 10.6  | 15.8  |





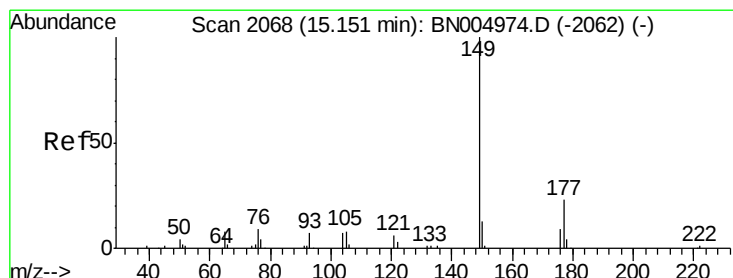
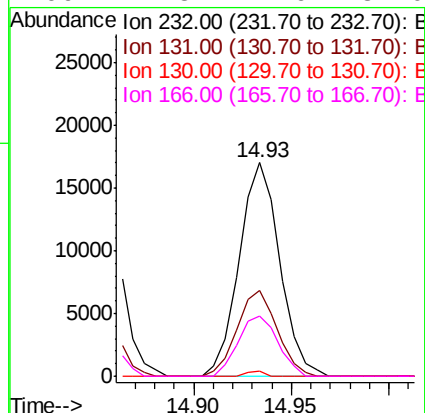
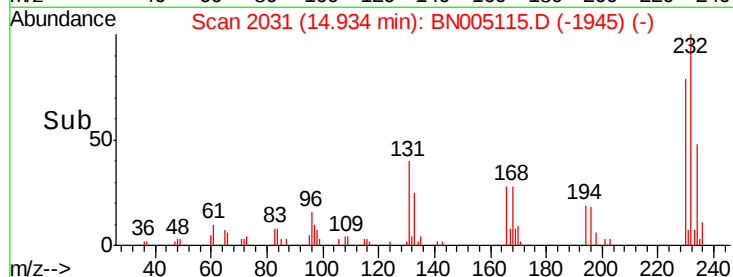
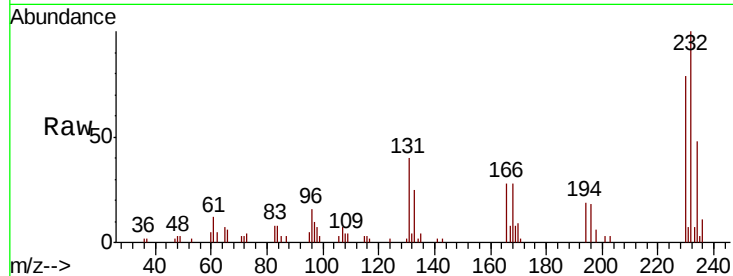
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.402 ng  
 RT: 14.93 min Scan# 2031  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.6  | 32.4  | 48.6  |
| 130     | 1.0   | 0.9   | 1.3   |
| 166     | 27.8  | 22.6  | 34.0  |

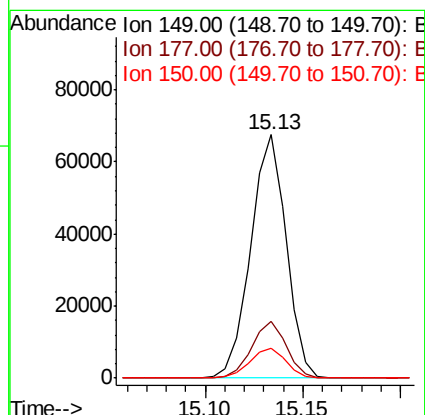
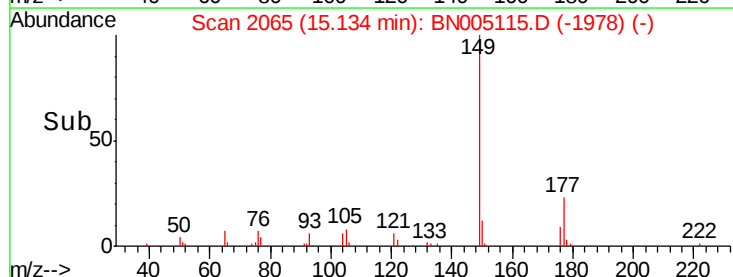
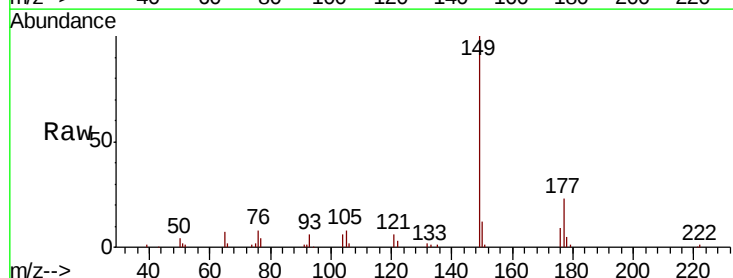
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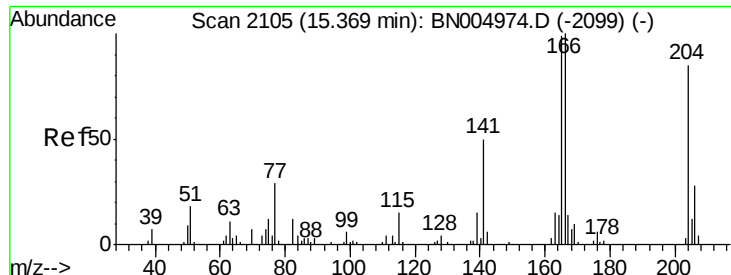
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#60  
 Diethylphthalate  
 Concen: 41.024 ng  
 RT: 15.13 min Scan# 2065  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.1  | 18.1  | 27.1  |
| 150     | 12.5  | 10.1  | 15.1  |





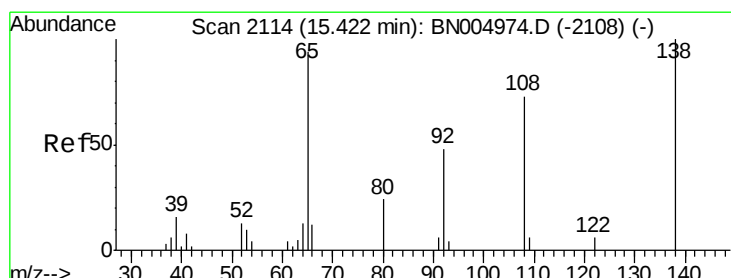
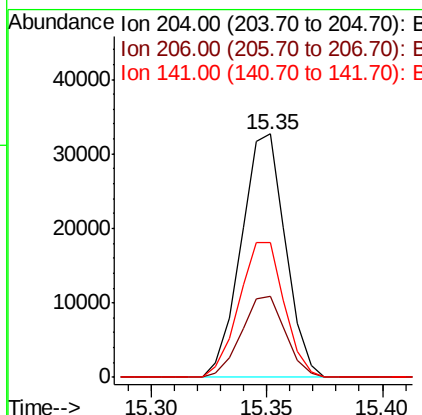
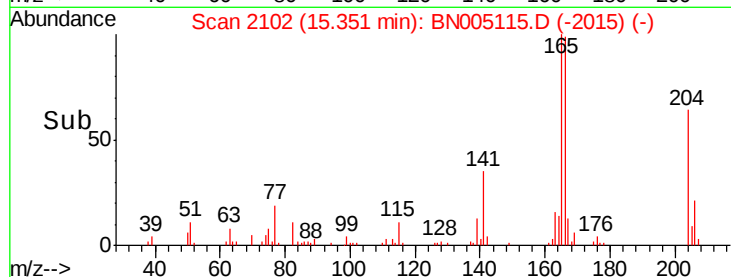
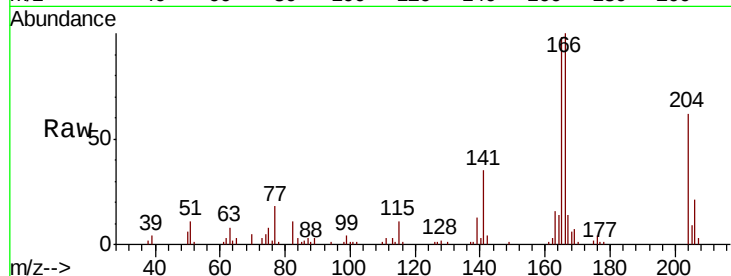
#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.262 ng  
 RT: 15.35 min Scan# 2102  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 26.5  | 39.7  |
| 141     | 55.4  | 47.2  | 70.8  |

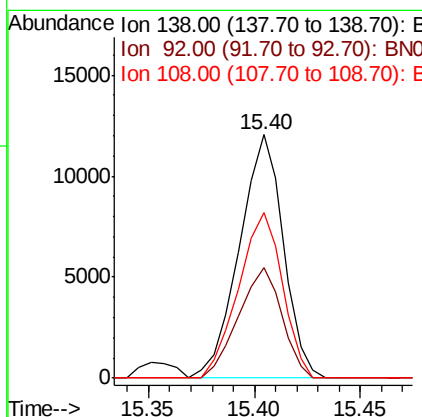
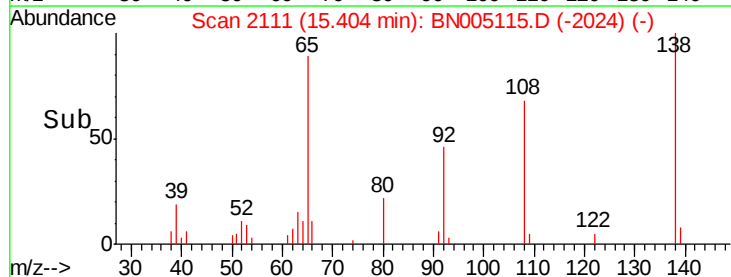
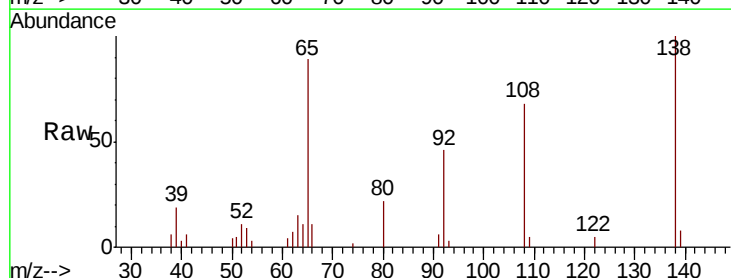
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#62  
 4-Nitroaniline  
 Concen: 35.850 ng  
 RT: 15.40 min Scan# 2111  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 45.5  | 26.4  | 66.4  |
| 108     | 68.1  | 50.8  | 90.8  |





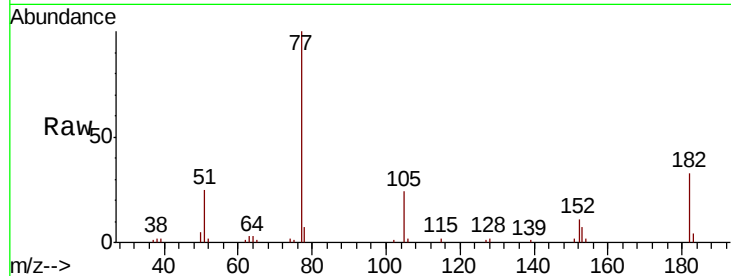
#63  
Azobenzene  
Concen: 38.455 ng  
RT: 15.65 min Scan# 2152  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 77    | Resp: | 66386 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 182       | 32.9  | 10.0  | 50.0  |
| 105       | 24.0  | 2.9   | 42.9  |
| 51        | 25.1  | 6.0   | 46.0  |

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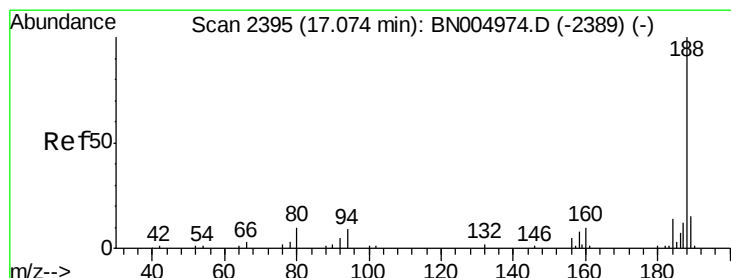
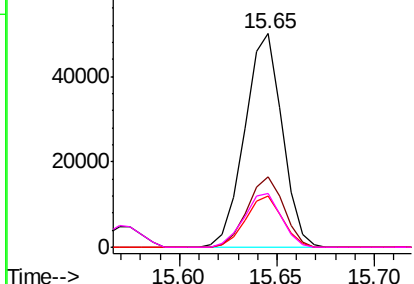
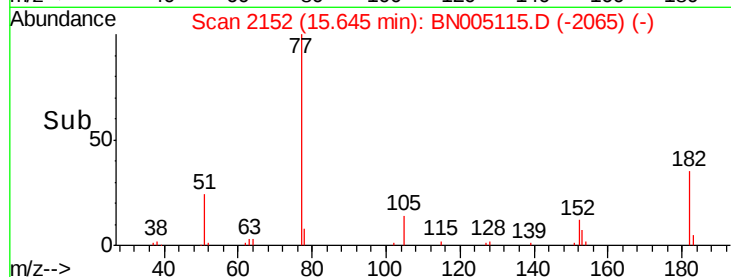
Abundance

Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

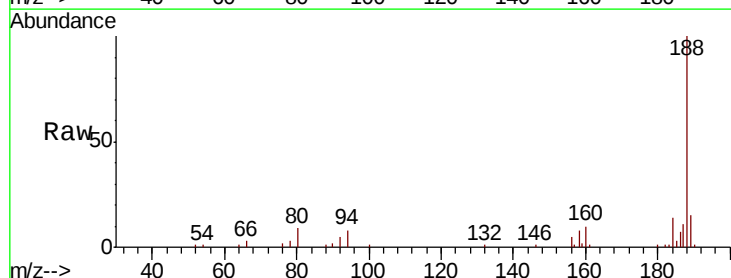
Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.05 min Scan# 2391  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 53743 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 8.5   | 7.2   | 10.8  |
| 80        | 9.4   | 7.8   | 11.6  |

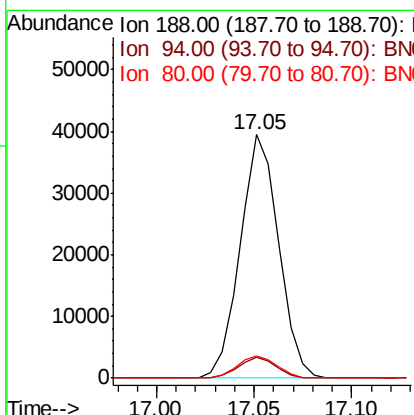
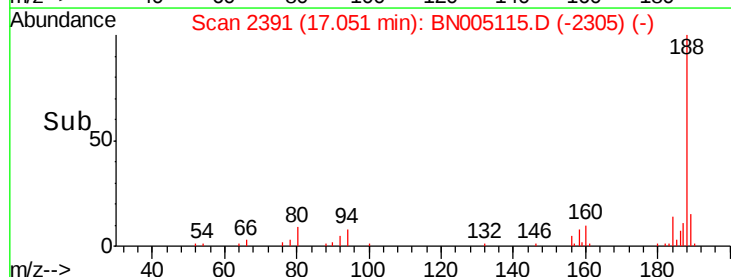


Abundance

Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





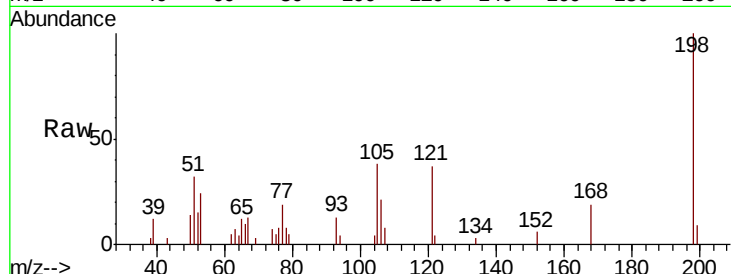
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.142 ng  
RT: 15.45 min Scan# 2119  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampled :  
PB118726BS

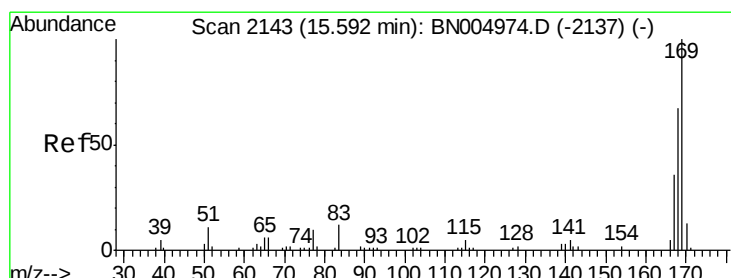
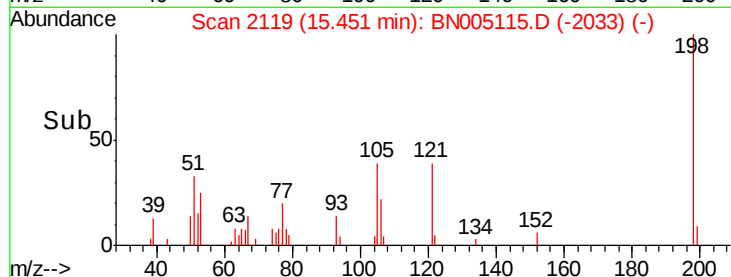
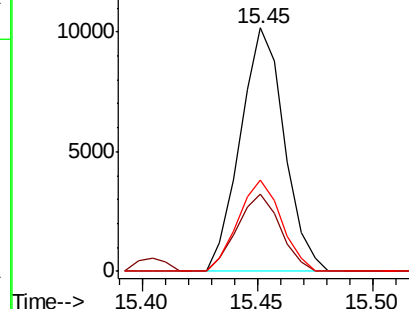
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 13529 |       |       |
| 51      | 31.7  | 12.0  | 52.0  |       |
| 105     | 37.6  | 17.6  | 57.6  |       |

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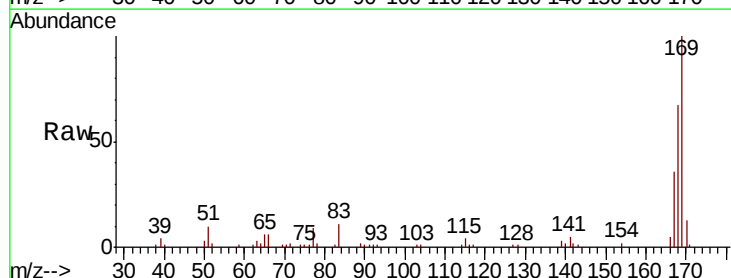


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BNO  
Ion 105.00 (104.70 to 105.70): E

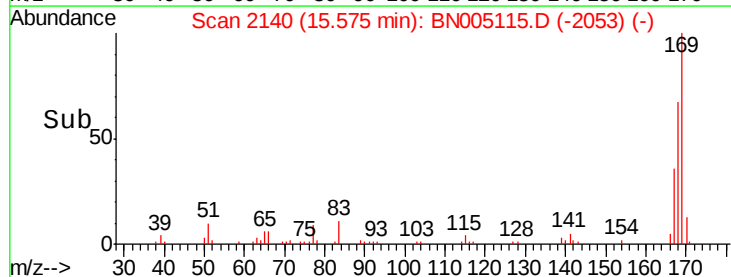
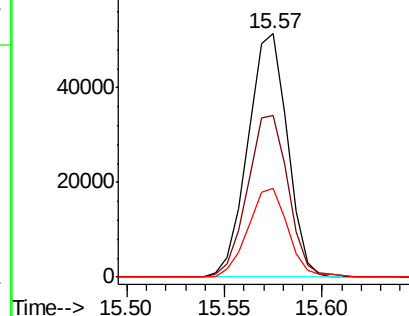


#66  
n-Nitrosodiphenylamine  
Concen: 42.661 ng  
RT: 15.57 min Scan# 2140  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 169     | 100   | 72220 |       |       |
| 168     | 66.7  | 53.4  | 80.2  |       |
| 167     | 36.4  | 28.9  | 43.3  |       |



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





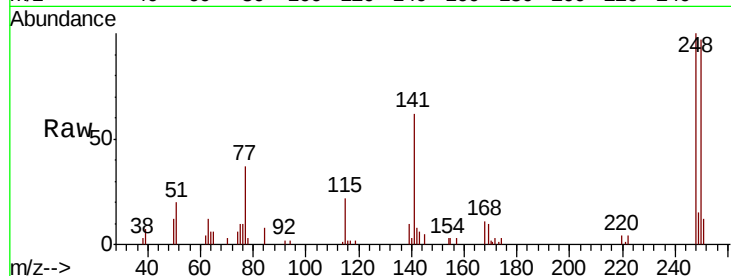
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.931 ng  
 RT: 16.25 min Scan# 2254  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.6  | 79.4  | 119.2 |
| 141     | 62.3  | 52.3  | 78.5  |

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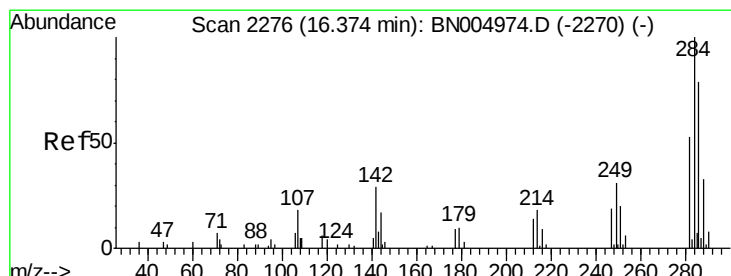
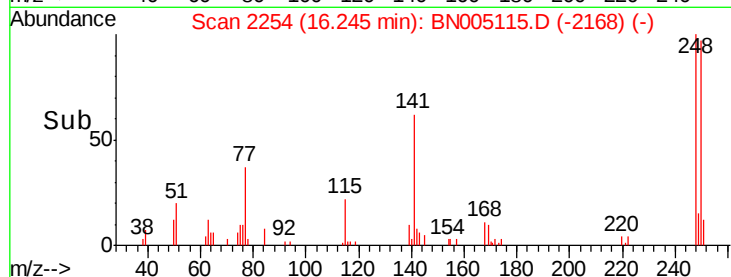
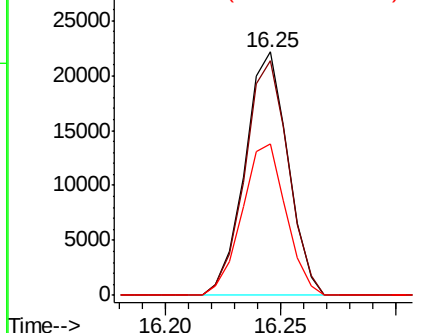


Abundance

Ion 248.00 (247.70 to 248.70): E

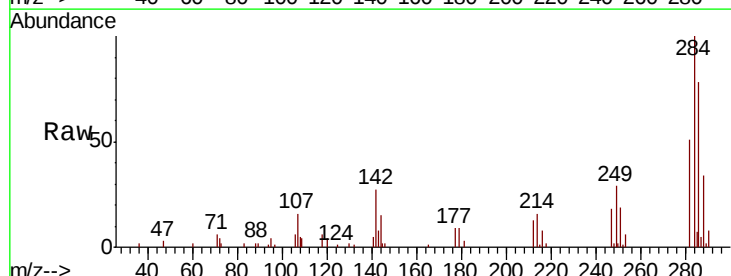
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 43.465 ng  
 RT: 16.35 min Scan# 2272  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.5  | 23.5  | 35.3  |
| 249     | 28.9  | 24.5  | 36.7  |

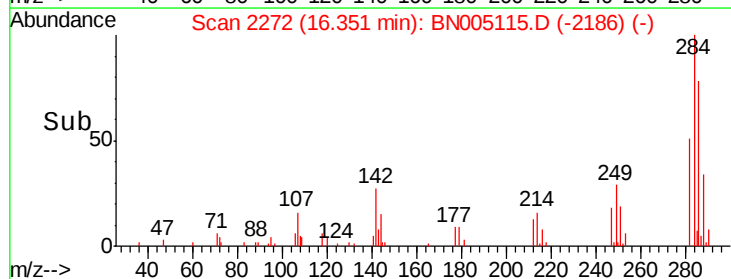
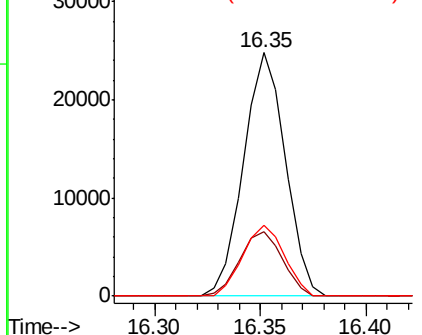


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





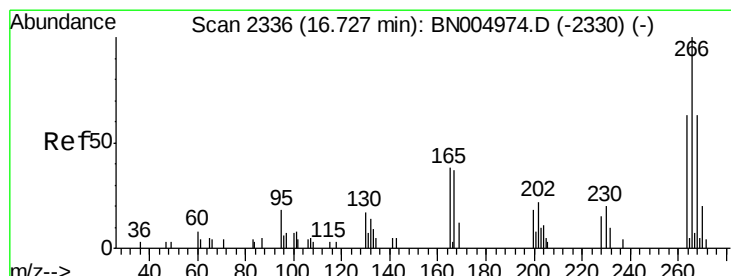
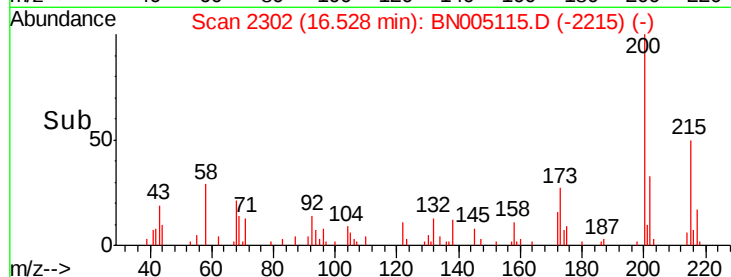
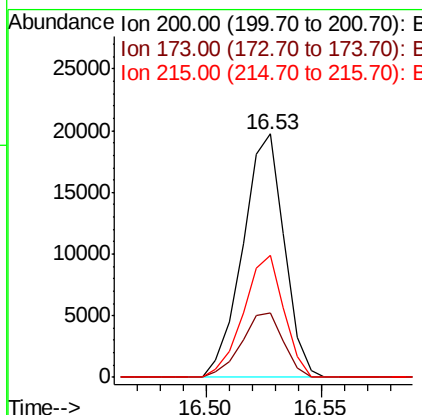
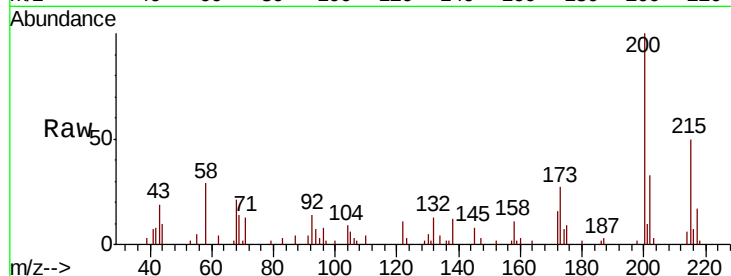
#69  
 Atrazine  
 Concen: 40.836 ng  
 RT: 16.53 min Scan# 2302  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampled :  
 PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.5  | 6.4   | 46.4  |
| 215     | 49.9  | 28.8  | 68.8  |

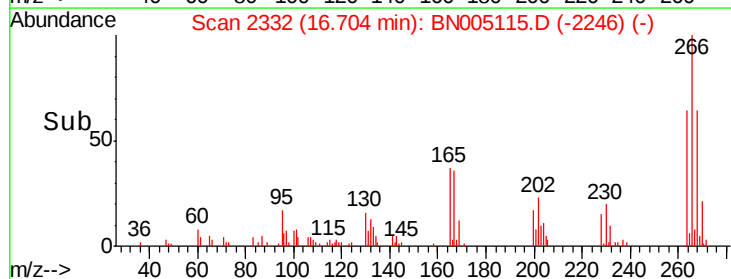
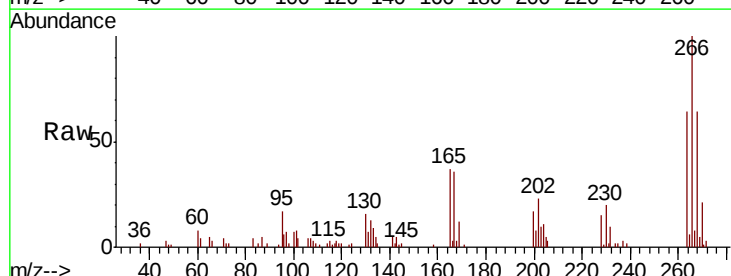
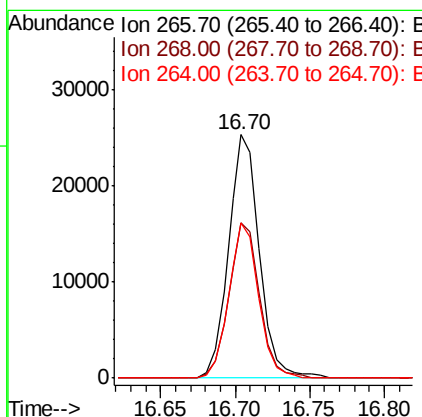
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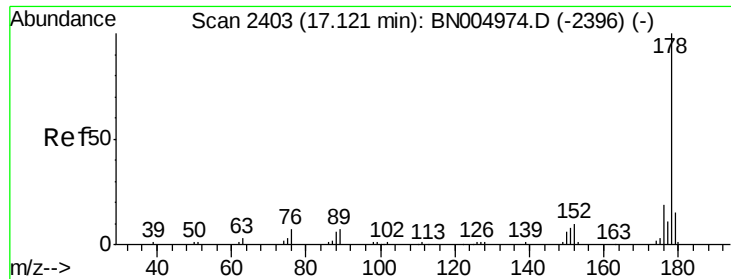
Sohil  
 4/10/2019 6:21:24 PM



#70  
 Pentachlorophenol  
 Concen: 88.508 ng  
 RT: 16.70 min Scan# 2332  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.7  | 50.8  | 76.2  |
| 264     | 63.8  | 50.0  | 75.0  |





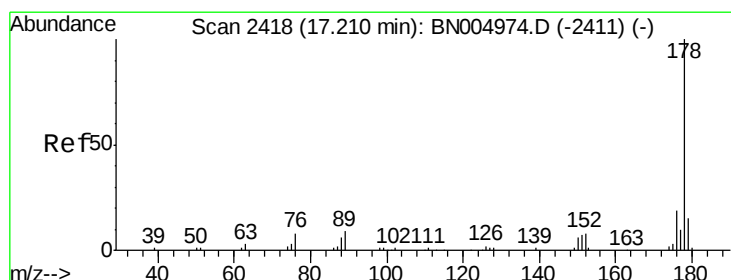
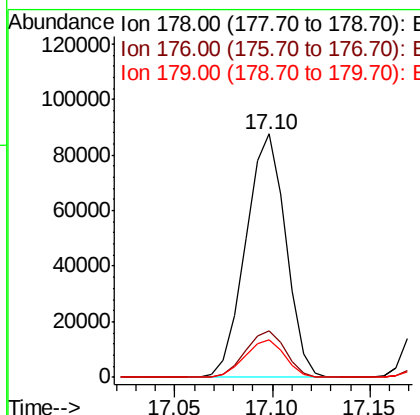
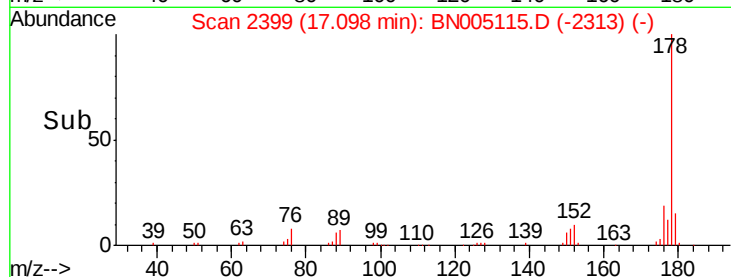
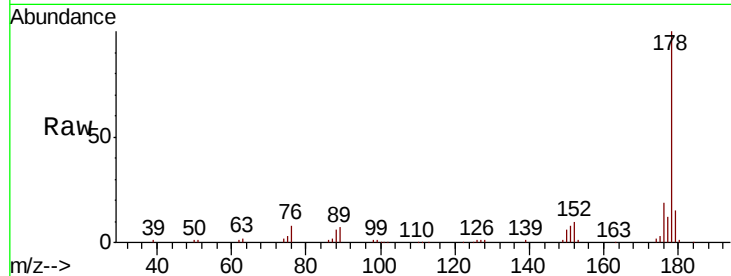
#71  
Phenanthrene  
Concen: 41.086 ng  
RT: 17.10 min Scan# 2399  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.4  | 23.2  |
| 179     | 15.4  | 12.3  | 18.5  |

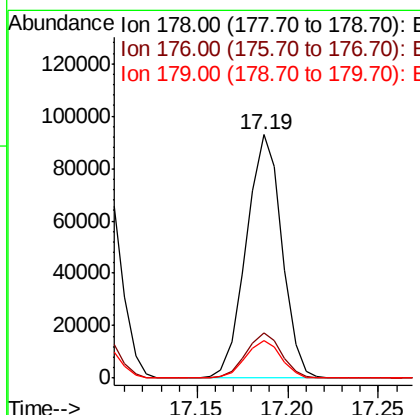
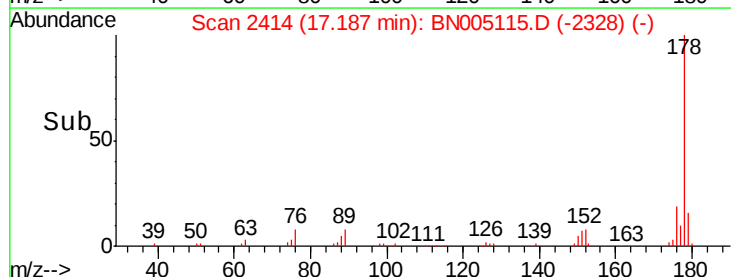
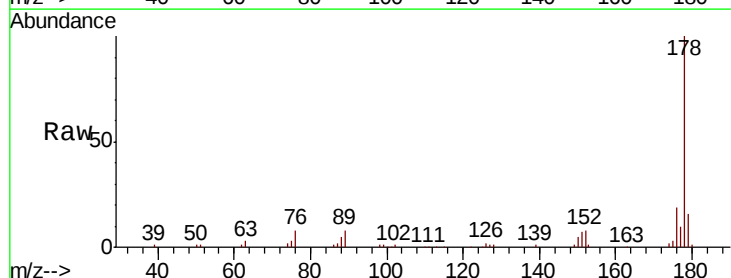
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#72  
Anthracene  
Concen: 42.334 ng  
RT: 17.19 min Scan# 2414  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.0  | 22.4  |
| 179     | 15.6  | 12.3  | 18.5  |





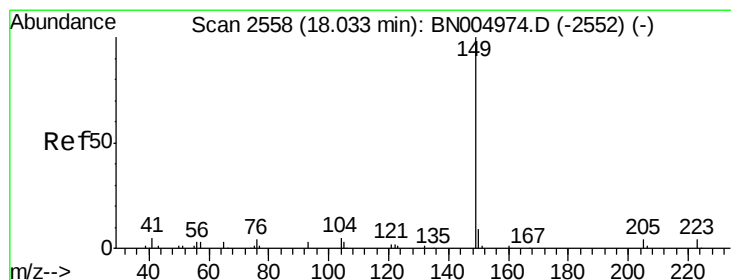
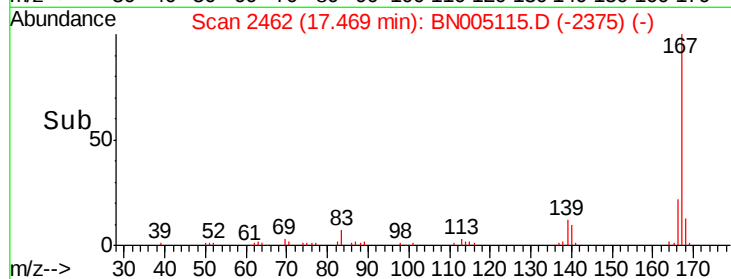
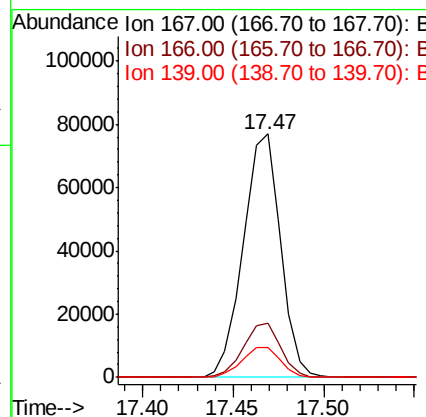
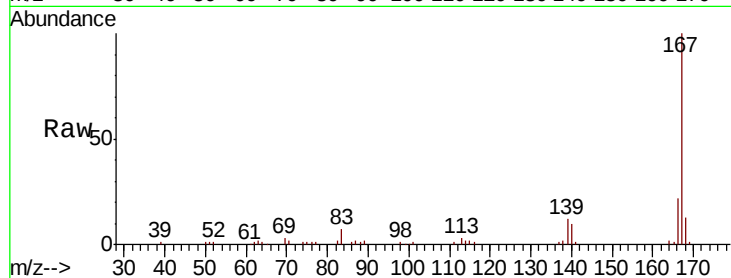
#73  
 Carbazole  
 Concen: 40.178 ng  
 RT: 17.47 min Scan# 2462  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

Instrument :  
 BNA\_N  
 ClientSampled :  
 PB118726BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 167     | 100  |       |      |       |       |
| 166     | 22.1 | 17.8  | 26.8 |       |       |
| 139     | 12.5 | 10.6  | 16.0 |       |       |

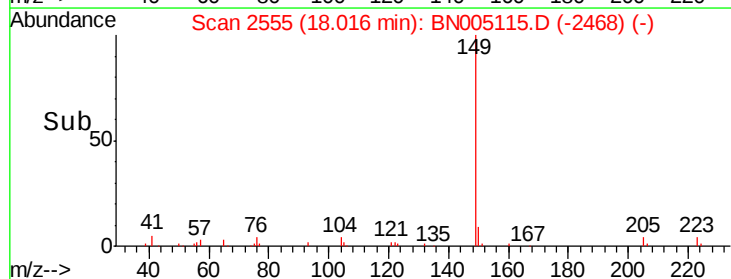
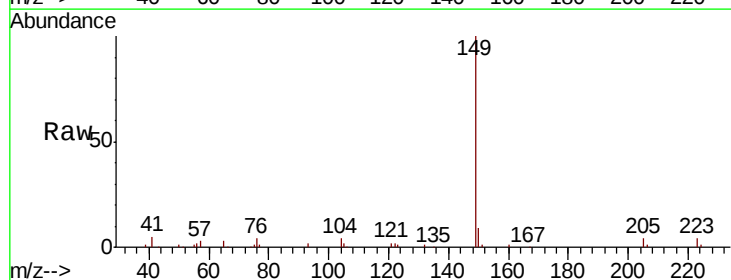
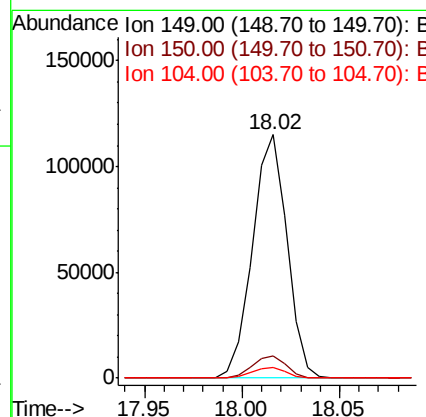
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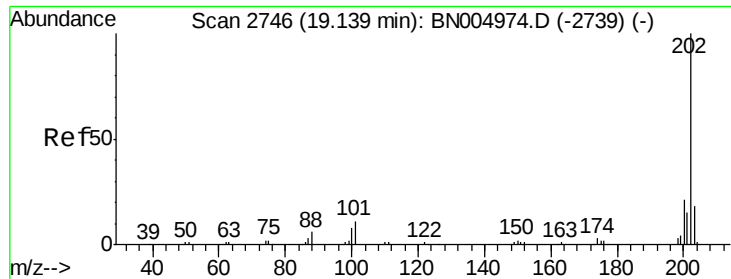
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 4/10/2019 6:21:24 PM



#74  
 Di-n-butylphthalate  
 Concen: 42.094 ng  
 RT: 18.02 min Scan# 2555  
 Delta R.T. -0.02 min  
 Lab File: BN005115.D  
 Acq: 09 Apr 2019 16:40

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 149     | 100 |       |      |       |       |
| 150     | 9.2 | 7.4   | 11.0 |       |       |
| 104     | 4.4 | 3.7   | 5.5  |       |       |





#75

Fluoranthene

Concen: 40.748 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

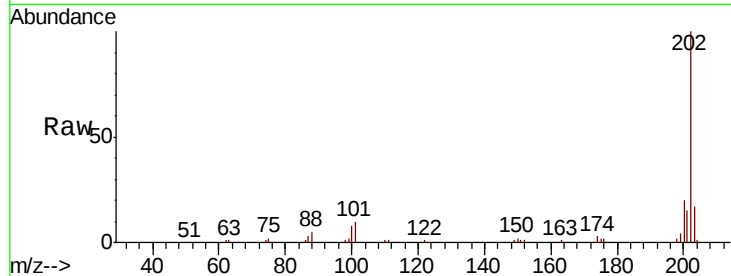
ClientSampled :

PB118726BS

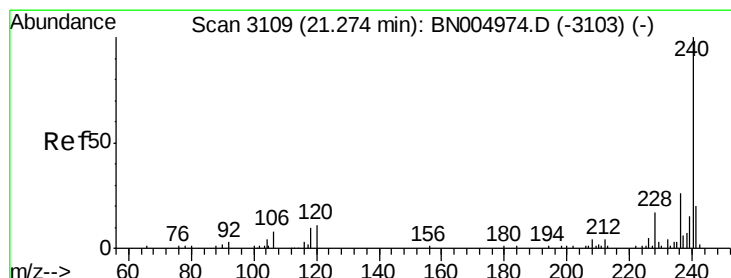
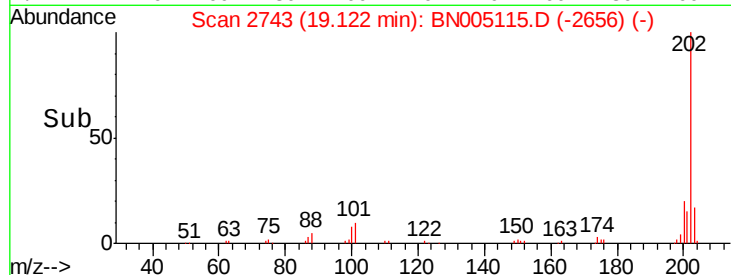
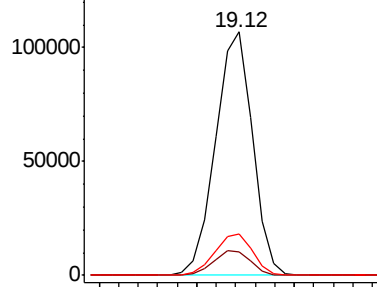
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 140376 |       |       |
| 101     | 9.7   | 0.0    | 31.1  |       |
| 203     | 17.2  | 0.0    | 37.5  |       |

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



#76

Chrysene-d12

Concen: 20.000 ng

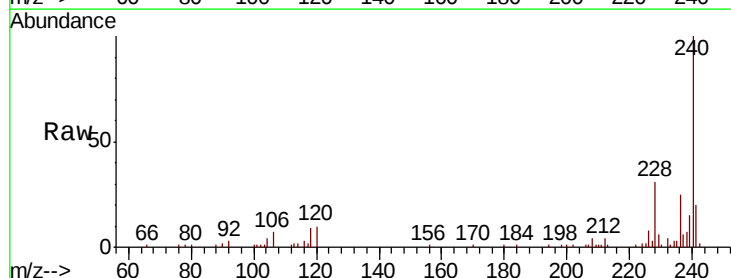
RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

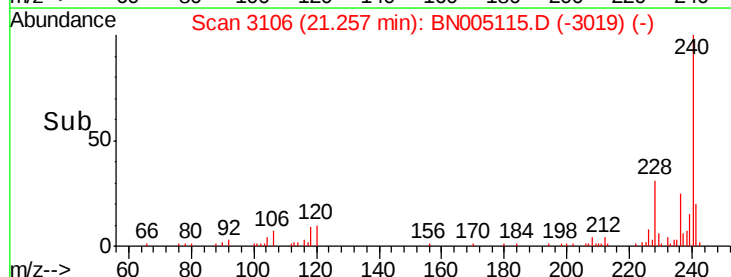
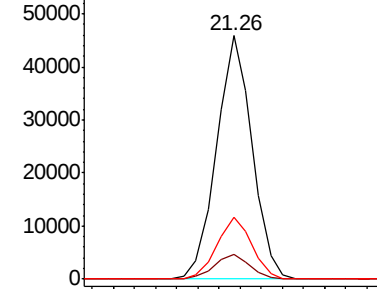
Lab File: BN005115.D

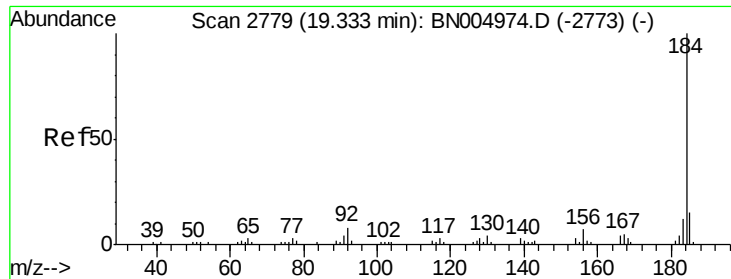
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 240     | 100   | 53445 |       |       |
| 120     | 10.3  | 8.5   | 12.7  |       |
| 236     | 25.4  | 21.2  | 31.8  |       |



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





#77

Benzidine

Concen: 29.690 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

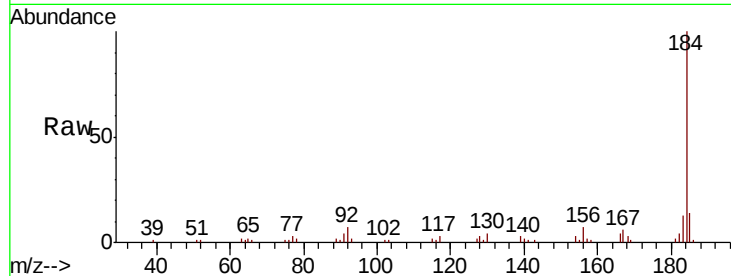
ClientSampleId :

PB118726BS

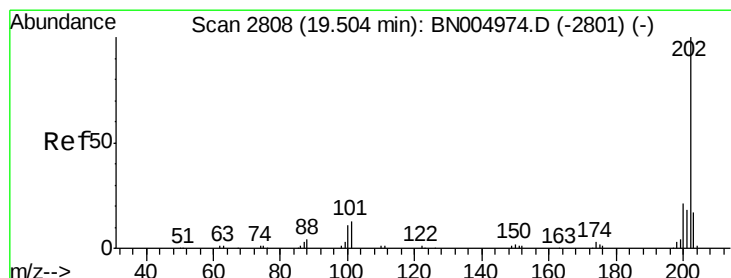
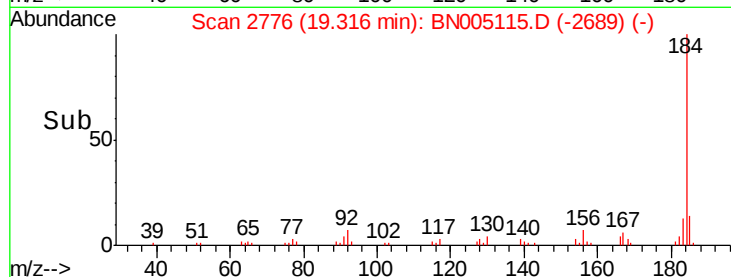
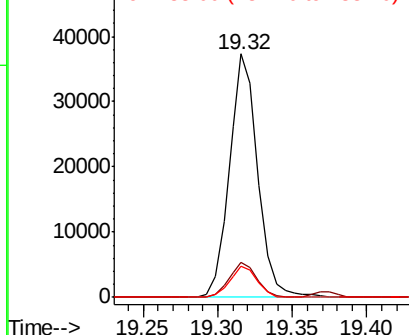
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 184   | Resp: | 49452 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 14.5  | 11.8  | 17.8  |
| 183       | 12.6  | 9.9   | 14.9  |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.841 ng

RT: 19.49 min Scan# 2805

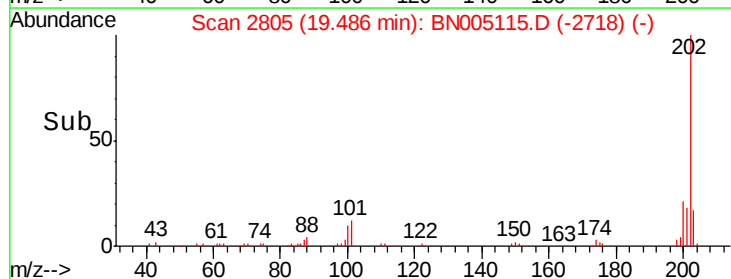
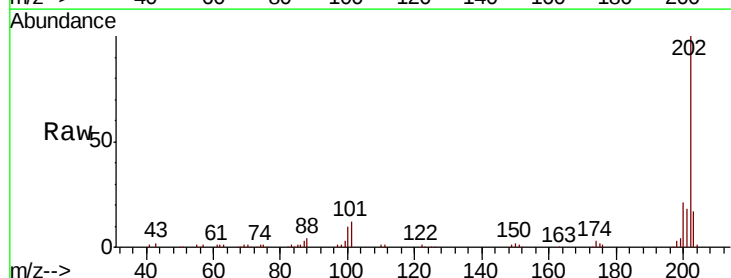
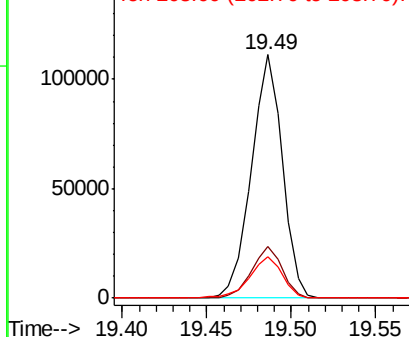
Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 142177 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.2  | 17.0  | 25.4   |
| 203       | 16.9  | 14.0  | 21.0   |

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





#79

Terphenyl-d14

Concen: 79.393 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

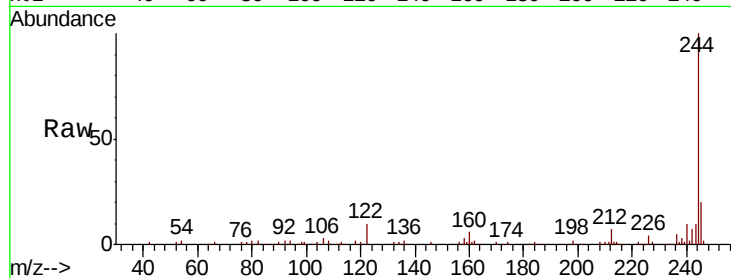
ClientSampleId :

PB118726BS

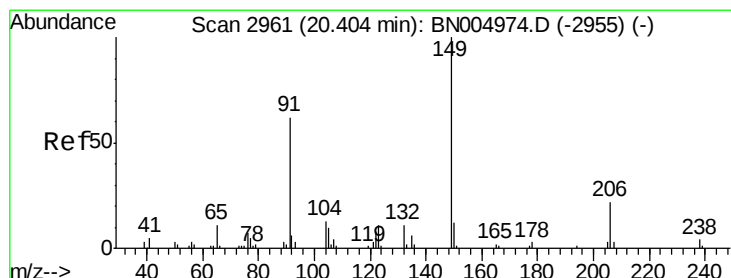
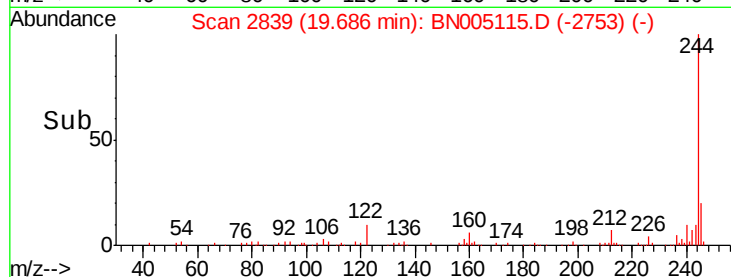
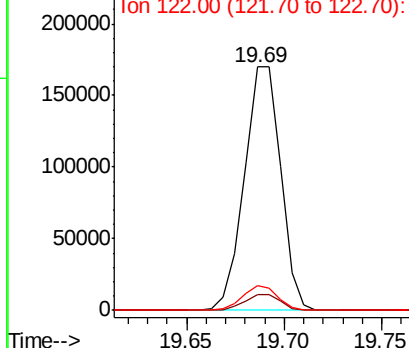
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 220397 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.6   | 5.4   | 8.0    |
| 122       | 10.1  | 7.4   | 11.2   |

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



#80

Butylbenzylphthalate

Concen: 43.150 ng

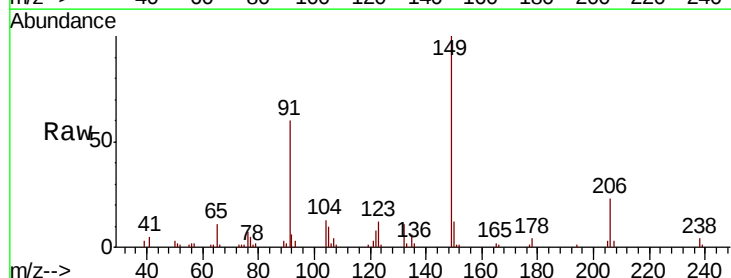
RT: 20.39 min Scan# 2958

Delta R.T. -0.02 min

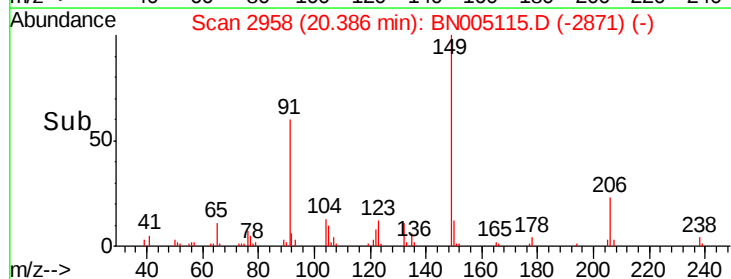
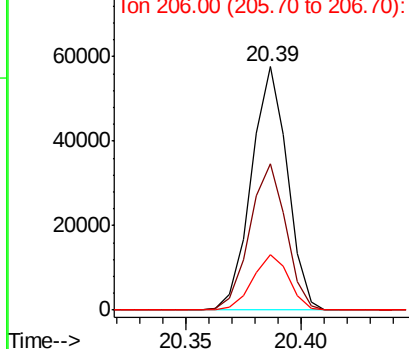
Lab File: BN005115.D

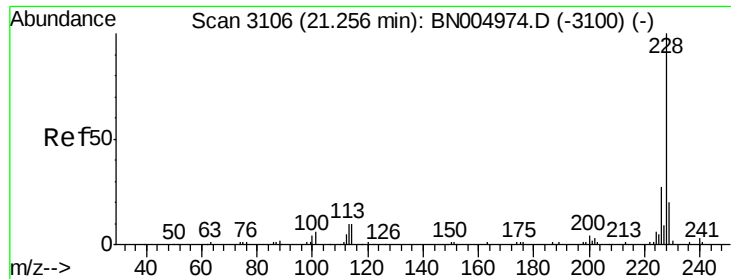
Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 62570 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 59.9  | 49.3  | 73.9  |
| 206       | 22.9  | 17.9  | 26.9  |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BNC  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.023 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

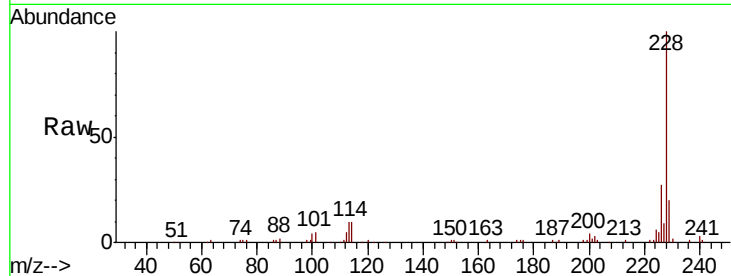
ClientSampled :

PB118726BS

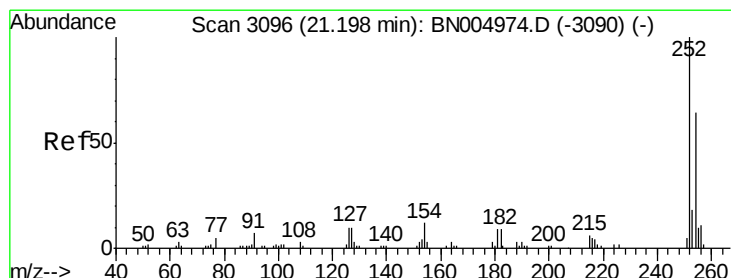
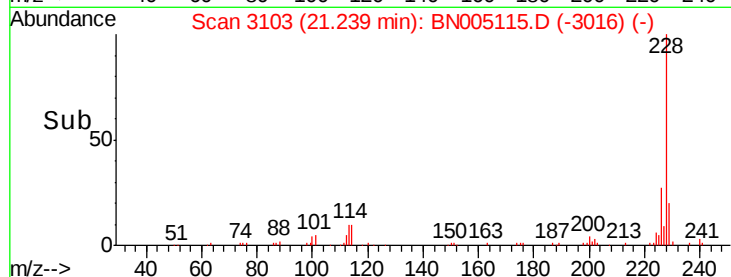
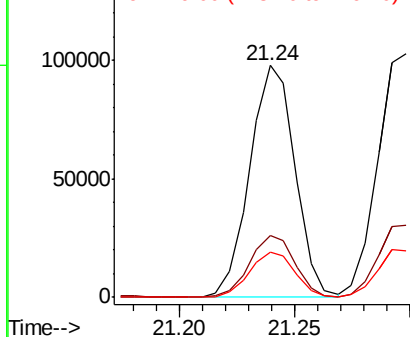
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 133240 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.0  | 21.8  | 32.6   |
| 229       | 19.5  | 15.9  | 23.9   |

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



#82

3,3'-Dichlorobenzidine

Concen: 34.379 ng

RT: 21.18 min Scan# 3093

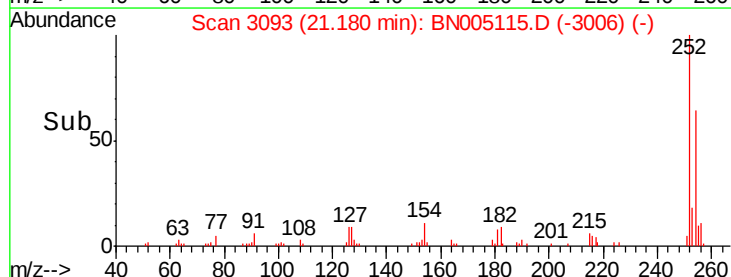
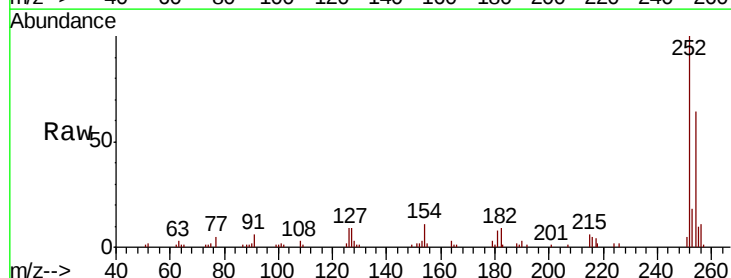
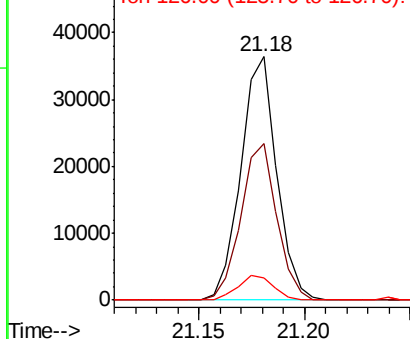
Delta R.T. -0.02 min

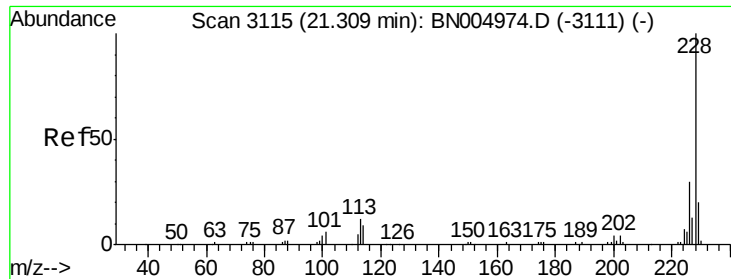
Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 42798 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 64.3  | 51.5  | 77.3  |
| 126       | 9.1   | 7.9   | 11.9  |

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





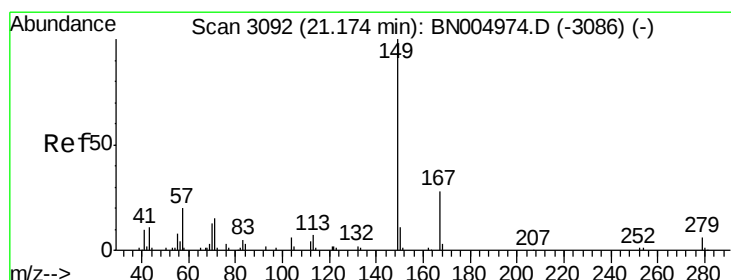
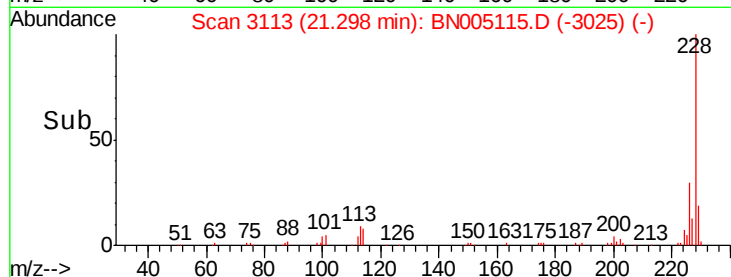
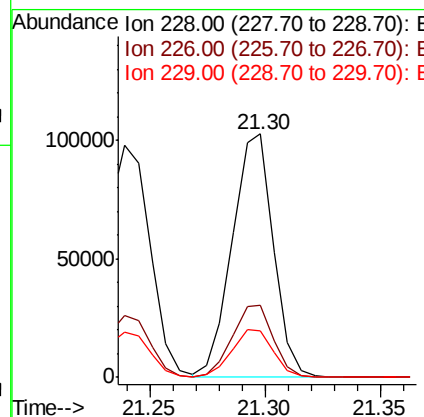
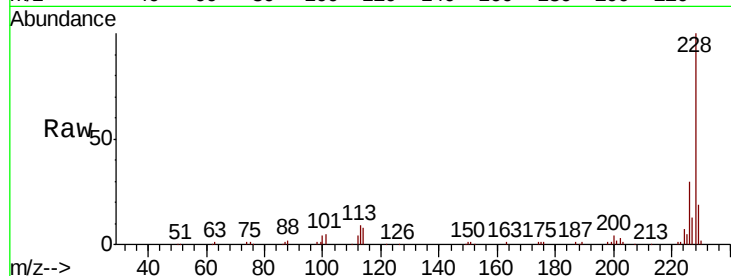
#83  
Chrysene  
Concen: 40.131 ng  
RT: 21.30 min Scan# 3113  
Delta R.T. -0.01 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampled :  
PB118726BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 127610 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.8  | 24.2  | 36.2   |
| 229       | 19.3  | 15.8  | 23.8   |

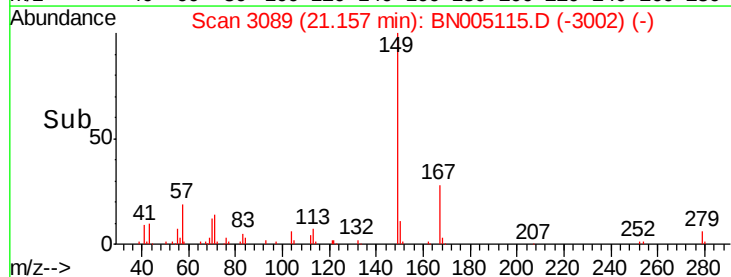
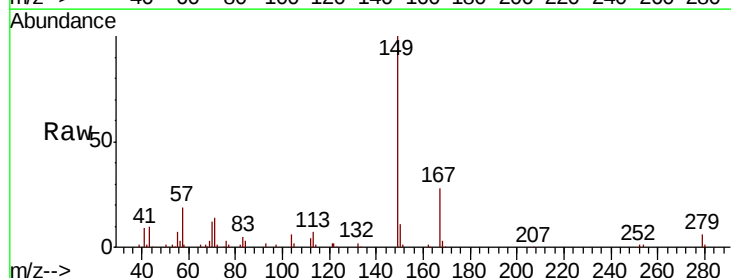
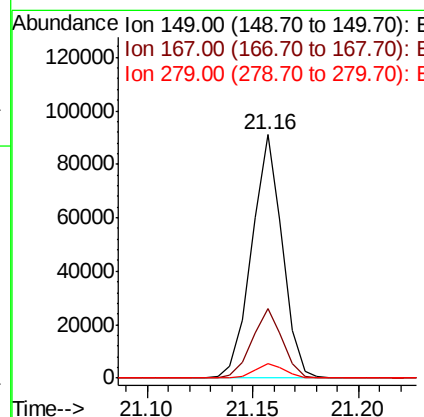
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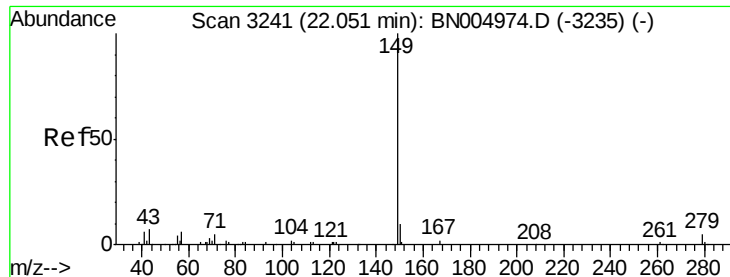
Sohil  
4/10/2019 6:21:24 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.498 ng  
RT: 21.16 min Scan# 3089  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 91282 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 28.4  | 22.5  | 33.7  |
| 279       | 5.7   | 4.5   | 6.7   |





#85

Di-n-octyl phthalate

Concen: 47.416 ng

RT: 22.03 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

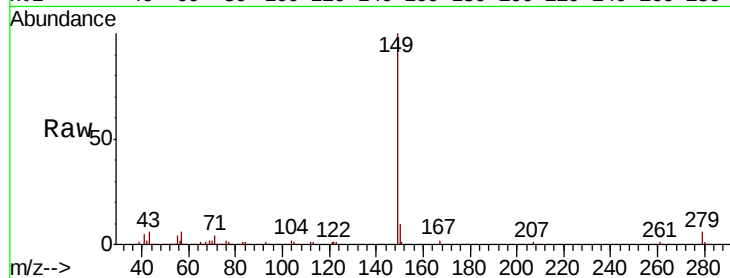
ClientSampleId :

PB118726BS

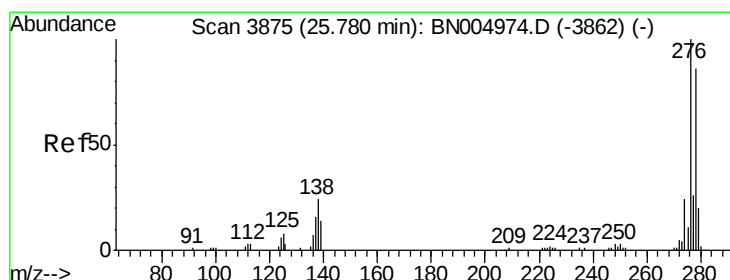
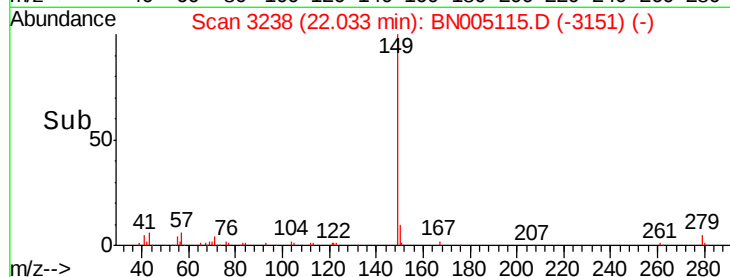
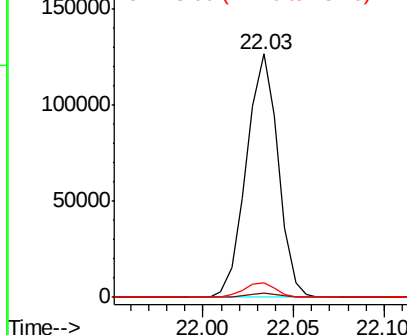
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 153524 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.2   | 1.8    |
| 43        | 6.1   | 5.8   | 8.6    |

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.462 ng

RT: 25.74 min Scan# 3868

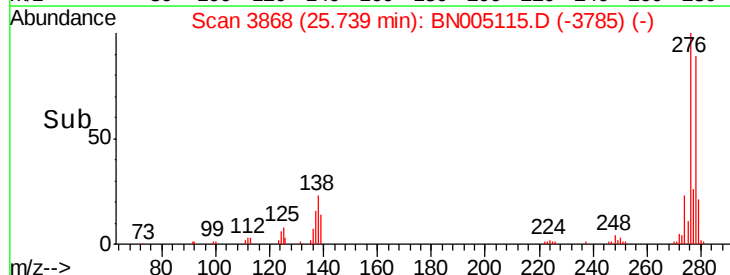
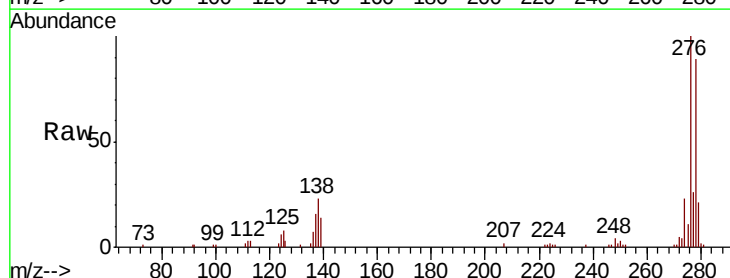
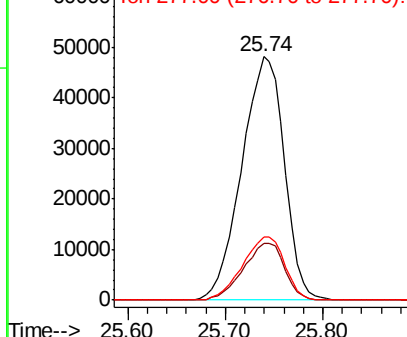
Delta R.T. -0.04 min

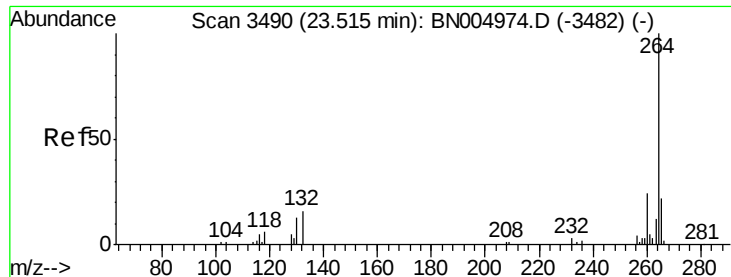
Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 146172 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 22.8  | 18.5  | 27.7   |
| 277       | 25.6  | 20.4  | 30.6   |

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3485

Delta R.T. -0.03 min

Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

Instrument :

BNA\_N

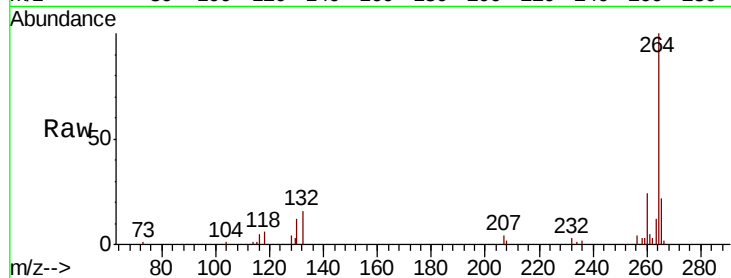
ClientSampleId :

PB118726BS

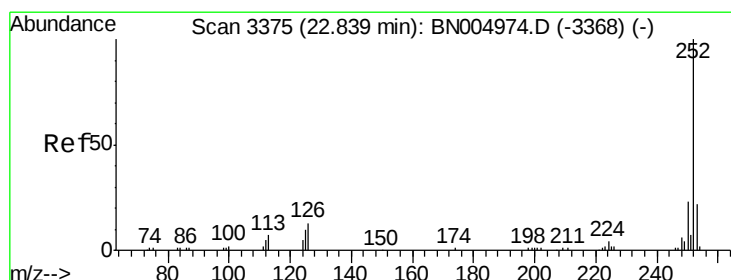
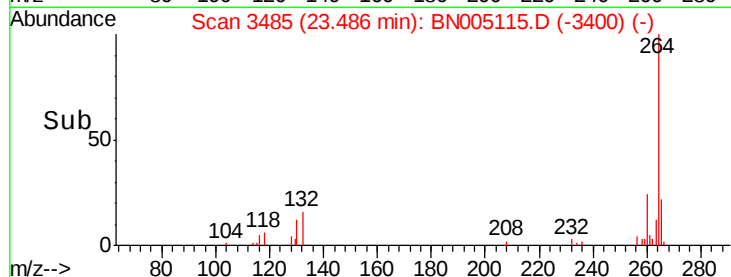
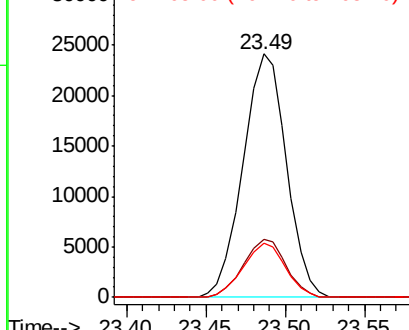
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 264   | Resp: | 45872 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 23.9  | 19.0  | 28.4  |
| 265       | 22.4  | 17.2  | 25.8  |

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



#88

Benzo(b)fluoranthene

Concen: 46.541 ng

RT: 22.82 min Scan# 3371

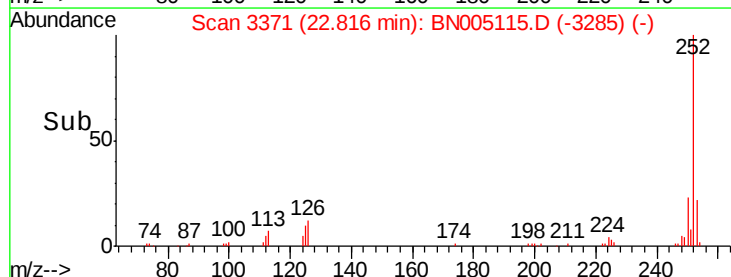
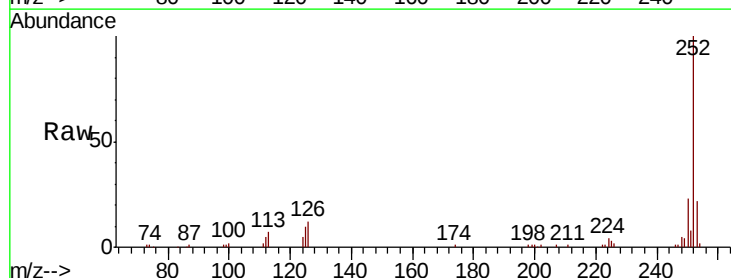
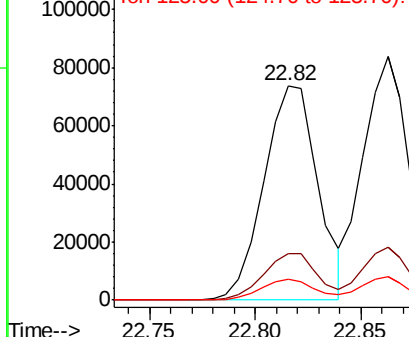
Delta R.T. -0.02 min

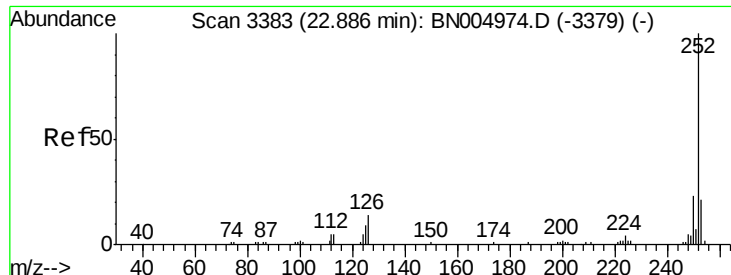
Lab File: BN005115.D

Acq: 09 Apr 2019 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 131412 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.6  | 26.4   |
| 125       | 9.7   | 8.1   | 12.1   |

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





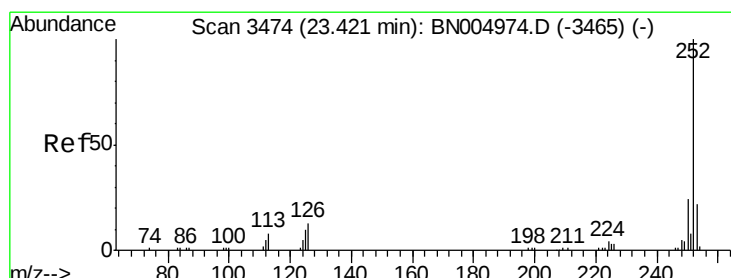
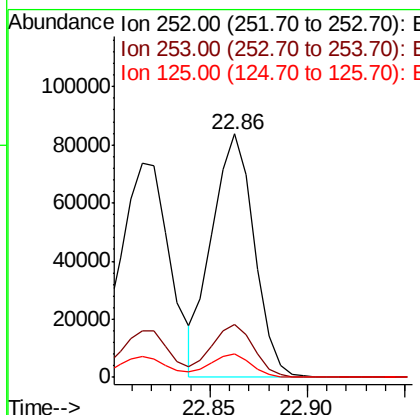
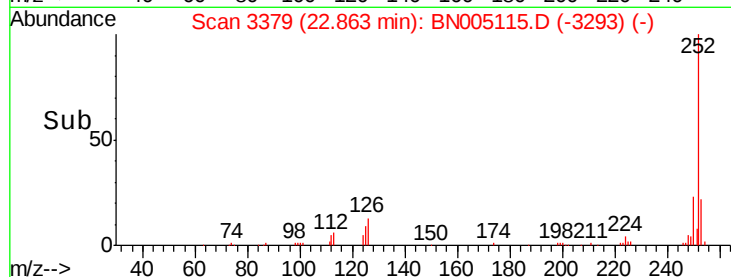
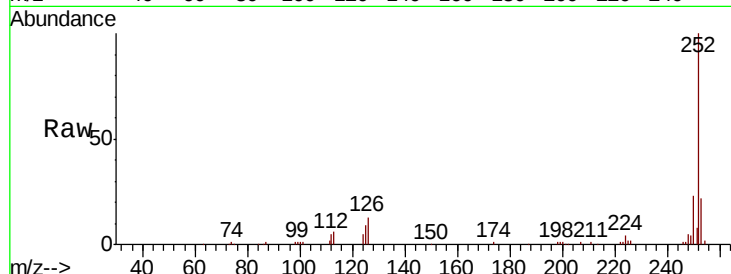
#89  
Benzo(k)fluoranthene  
Concen: 48.877 ng  
RT: 22.86 min Scan# 3379  
Delta R.T. -0.02 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampled :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.1  | 25.7  |
| 125     | 9.5   | 7.6   | 11.4  |

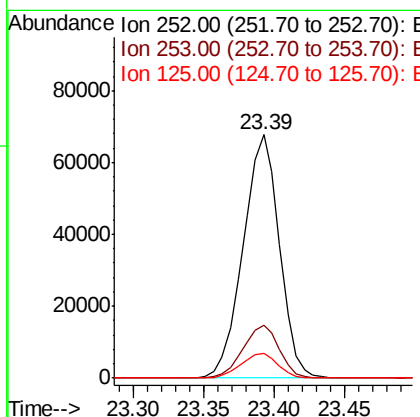
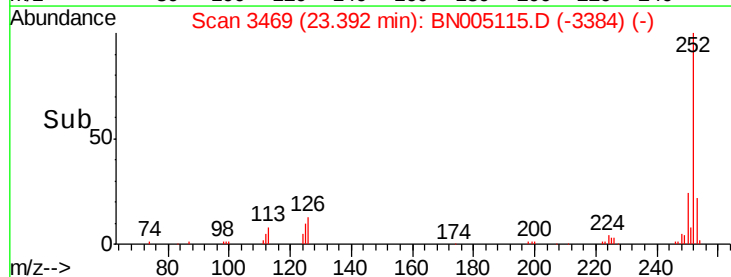
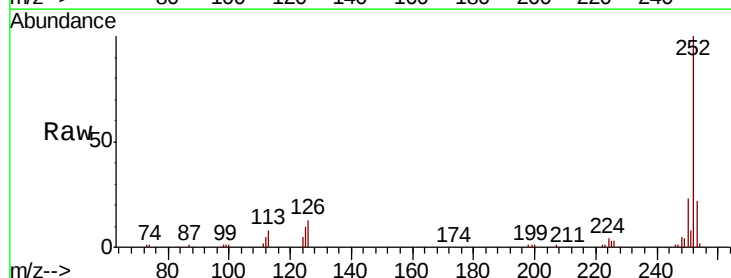
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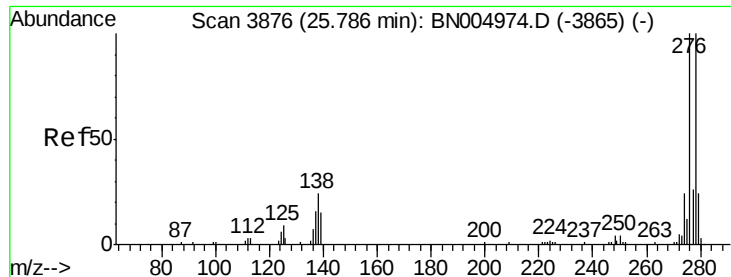
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#90  
Benzo(a)pyrene  
Concen: 47.116 ng  
RT: 23.39 min Scan# 3469  
Delta R.T. -0.03 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.7  | 26.5  |
| 125     | 10.1  | 8.2   | 12.4  |





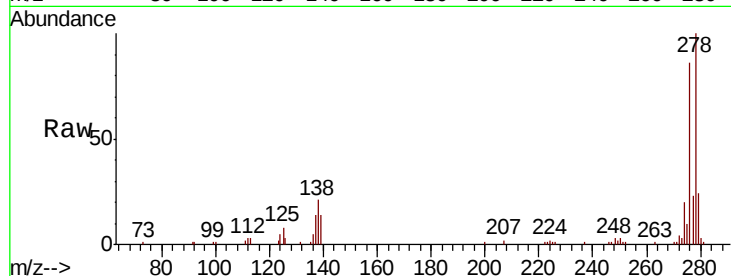
#91  
Dibenzo(a,h)anthracene  
Concen: 47.574 ng  
RT: 25.75 min Scan# 3870  
Delta R.T. -0.03 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

Instrument :  
BNA\_N  
ClientSampleId :  
PB118726BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.2  | 11.8  | 17.8  |
| 279     | 23.8  | 19.3  | 28.9  |

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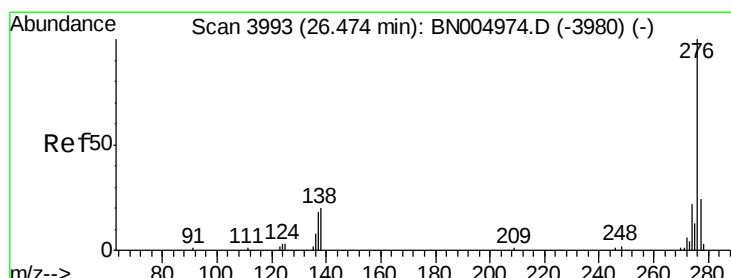
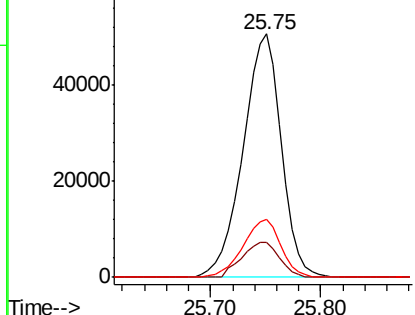
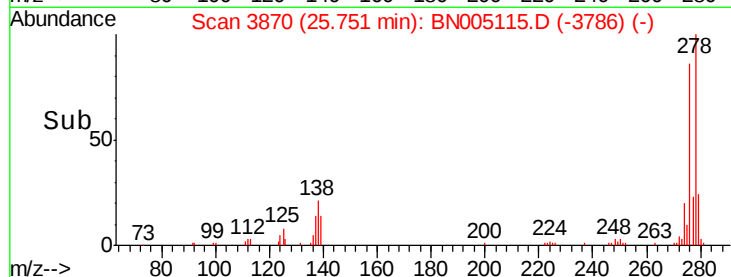


Abundance

Ion 278.00 (277.70 to 278.70): E

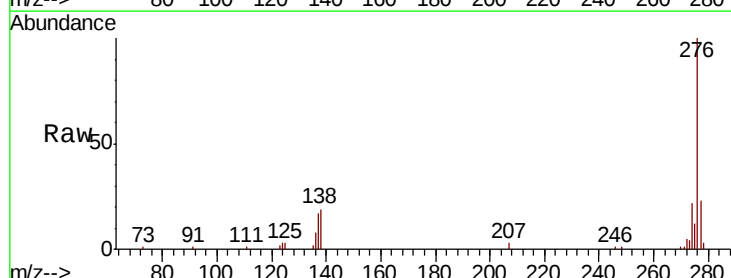
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 47.335 ng  
RT: 26.43 min Scan# 3986  
Delta R.T. -0.04 min  
Lab File: BN005115.D  
Acq: 09 Apr 2019 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.1  | 19.5  | 29.3  |
| 138     | 19.1  | 16.2  | 24.2  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

