

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN032719\  
 Data File : BN005013.D  
 Acq On : 28 Mar 2019 02:24  
 Operator : JU/SJ  
 Sample : IDOC-S-04  
 Misc : For Extraction  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Quant Time: Mar 28 04:56:46 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 | 7.68  | 152  | 9662     | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 38388    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.32 | 164  | 20375    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.07 | 188  | 38938    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.26 | 240  | 30611    | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.50 | 264  | 28291    | 20.00 | ng    | -0.01    |

|                             |       |     |        |        |    |       |
|-----------------------------|-------|-----|--------|--------|----|-------|
| System Monitoring Compounds |       |     |        |        |    |       |
| 5) 2-Fluorophenol           | 5.27  | 112 | 72692  | 130.07 | ng | 0.00  |
| 7) Phenol-d6                | 6.86  | 99  | 91220  | 123.07 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 8.84  | 82  | 47659  | 75.10  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330 | 39096  | 118.97 | ng | 0.00  |
| 45) 2-Fluorobiphenyl        | 12.93 | 172 | 121225 | 78.84  | ng | 0.00  |
| 79) Terphenyl-d14           | 19.70 | 244 | 134318 | 84.48  | ng | -0.01 |

|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.21  | 88  | 10676 | 52.422 | ng | # 93  |
| 3) Pyridine                    | 3.60  | 79  | 19986 | 35.117 | ng | 99    |
| 4) n-Nitrosodimethylamine      | 3.52  | 42  | 6966  | 37.545 | ng | 94    |
| 6) Aniline                     | 7.02  | 93  | 29462 | 31.213 | ng | 100   |
| 8) 2-Chlorophenol              | 7.25  | 128 | 27304 | 38.487 | ng | 99    |
| 9) Benzaldehyde                | 6.83  | 77  | 8938  | 20.984 | ng | 99    |
| 10) Phenol                     | 6.88  | 94  | 30579 | 38.500 | ng | 99    |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 22401 | 36.471 | ng | 99    |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146 | 28879 | 37.362 | ng | 99    |
| 13) 1,4-Dichlorobenzene        | 7.71  | 146 | 29391 | 37.566 | ng | 98    |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 27995 | 37.389 | ng | 98    |
| 15) Benzyl Alcohol             | 7.92  | 79  | 20249 | 35.907 | ng | 100   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 26775 | 36.132 | ng | 99    |
| 17) 2-Methylphenol             | 8.12  | 107 | 21246 | 38.370 | ng | 98    |
| 18) Hexachloroethane           | 8.74  | 117 | 10014 | 36.111 | ng | 99    |
| 19) n-Nitroso-di-n-propylamine | 8.48  | 70  | 16861 | 34.699 | ng | 99    |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 28313 | 37.660 | ng | 98    |
| 22) Acetophenone               | 8.50  | 105 | 36256 | 41.374 | ng | # 100 |
| 24) Nitrobenzene               | 8.88  | 77  | 25384 | 39.524 | ng | 100   |
| 25) Isophorone                 | 9.39  | 82  | 46179 | 37.353 | ng | 100   |
| 26) 2-Nitrophenol              | 9.59  | 139 | 14121 | 37.867 | ng | 99    |
| 27) 2,4-Dimethylphenol         | 9.64  | 122 | 23981 | 46.190 | ng | 99    |
| 28) bis(2-Chloroethoxy)methane | 9.88  | 93  | 29716 | 38.795 | ng | 100   |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 24794 | 41.551 | ng | 99    |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 26976 | 41.040 | ng | 99    |
| 31) Naphthalene                | 10.51 | 128 | 80116 | 40.001 | ng | 100   |
| 32) Benzoic acid               | 9.80  | 122 | 12173 | 31.310 | ng | 98    |
| 33) 4-Chloroaniline            | 10.63 | 127 | 13796 | 16.930 | ng | 100   |
| 34) Hexachlorobutadiene        | 10.77 | 225 | 16721 | 39.315 | ng | 99    |
| 35) Caprolactam                | 11.42 | 113 | 6299  | 32.239 | ng | 100   |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107 | 23926 | 37.117 | ng | 99    |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 56608 | 40.025 | ng | 99    |
| 38) 1-Methylnaphthalene        | 12.35 | 142 | 53591 | 38.724 | ng | 99    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 30091 | 41.638 | ng | 99    |

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|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 42023    | 101.481 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.75 | 196  | 18963    | 42.288  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.82 | 196  | 19654    | 40.232  | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.15 | 154  | 71380    | 41.393  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.19 | 162  | 54779    | 41.395  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.42 | 65   | 13061    | 37.077  | ng    | 98       |
| 49) Acenaphthylene             | 14.05 | 152  | 86330    | 38.787  | ng    | 100      |
| 50) Dimethylphthalate          | 13.79 | 163  | 64089    | 38.286  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.92 | 165  | 14230    | 37.358  | ng    | 96       |
| 52) Acenaphthene               | 14.39 | 154  | 49579    | 39.598  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.25 | 138  | 7029     | 18.055  | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.46 | 184  | 14727    | 66.192  | ng    | 99       |
| 55) Dibenzofuran               | 14.72 | 168  | 78279    | 39.290  | ng    | 100      |
| 56) 4-Nitrophenol              | 14.56 | 139  | 20089    | 65.502  | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.70 | 165  | 18725    | 36.173  | ng    | 99       |
| 58) Fluorene                   | 15.37 | 166  | 61711    | 38.343  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 17487    | 38.607  | ng    | # 100    |
| 60) Diethylphthalate           | 15.15 | 149  | 62181    | 37.225  | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 32657    | 39.333  | ng    | 98       |
| 62) 4-Nitroaniline             | 15.42 | 138  | 11832    | 30.249  | ng    | 98       |
| 63) Azobenzene                 | 15.66 | 77   | 52231    | 37.563  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 9471     | 36.960  | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.59 | 169  | 53047    | 43.250  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 20401    | 41.985  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.37 | 284  | 23812    | 41.828  | ng    | 99       |
| 69) Atrazine                   | 16.54 | 200  | 17046    | 38.900  | ng    | 99       |
| 70) Pentachlorophenol          | 16.72 | 266  | 22516    | 75.226  | ng    | 99       |
| 71) Phenanthrene               | 17.12 | 178  | 87605    | 40.041  | ng    | 99       |
| 72) Anthracene                 | 17.20 | 178  | 89431    | 41.066  | ng    | 100      |
| 73) Carbazole                  | 17.48 | 167  | 73675    | 37.168  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.03 | 149  | 89342    | 36.999  | ng    | 100      |
| 75) Fluoranthene               | 19.13 | 202  | 88350    | 35.397  | ng    | 100      |
| 77) Benzidine                  | 19.33 | 184  | 34673    | 36.346  | ng    | 100      |
| 78) Pyrene                     | 19.50 | 202  | 88258    | 43.180  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 32164    | 38.727  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.25 | 228  | 73483    | 38.538  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 17554    | 24.619  | ng    | 99       |
| 83) Chrysene                   | 21.30 | 228  | 70438    | 38.675  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 43894    | 38.198  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.04 | 149  | 70040    | 37.768  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.76 | 276  | 81875    | 39.570  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.83 | 252  | 70198    | 40.311  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.87 | 252  | 68002    | 42.584  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.40 | 252  | 66929    | 42.000  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.77 | 278  | 69273    | 43.301  | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.45 | 276  | 69354    | 43.835  | ng    | 100      |

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



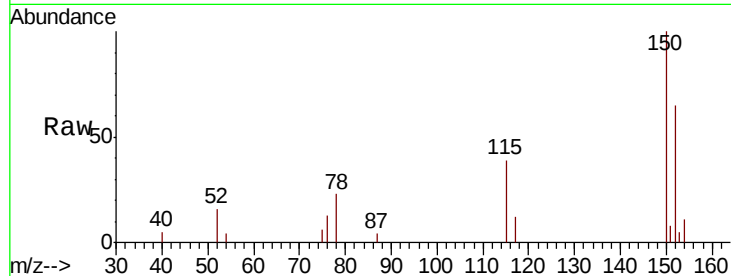


#1

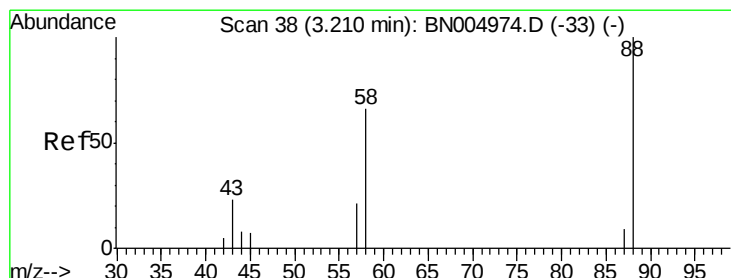
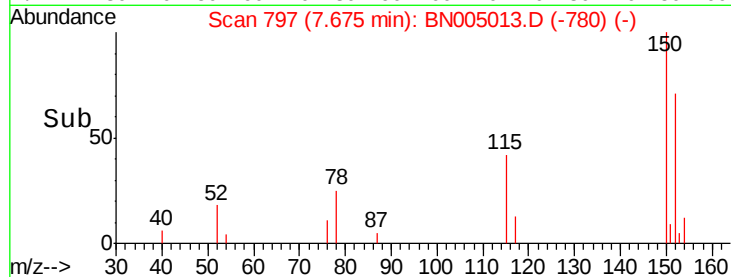
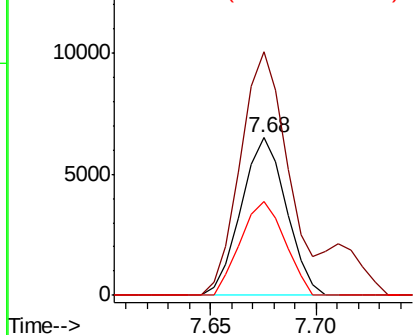
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

Tgt Ion:152 Resp: 9662  
Ion Ratio Lower Upper  
152 100  
150 154.3 126.9 190.3  
115 59.5 47.8 71.6



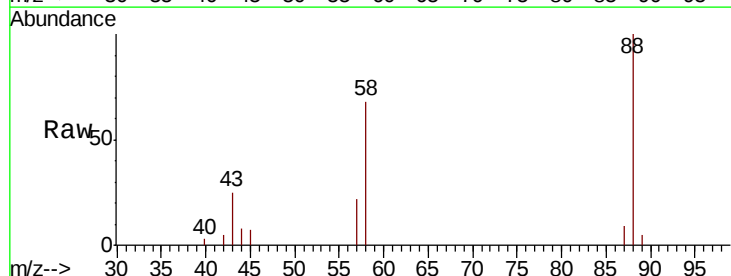
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



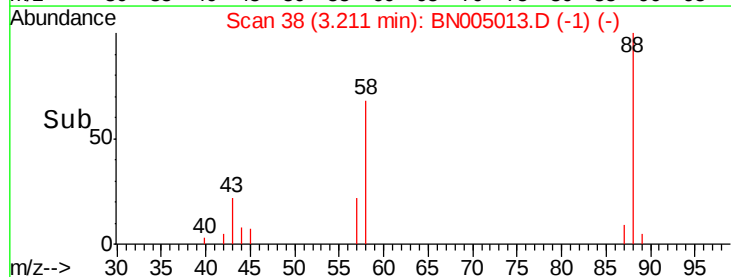
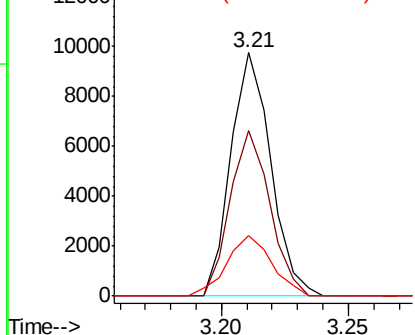
#2

1,4-Dioxane  
Concen: 52.422 ng  
RT: 3.21 min Scan# 38  
Delta R.T. 0.00 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Tgt Ion: 88 Resp: 10676  
Ion Ratio Lower Upper  
88 100  
58 67.6 51.0 76.6  
43 28.2 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

Pyridine

Concen: 35.117 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

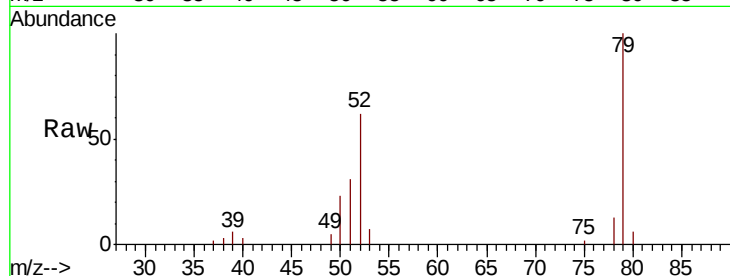
Tgt Ion: 79 Resp: 19986

Ion Ratio Lower Upper

79 100

52 62.2 50.2 75.4

51 31.0 25.0 37.4

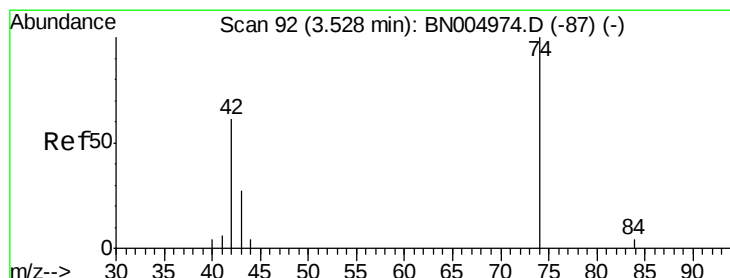
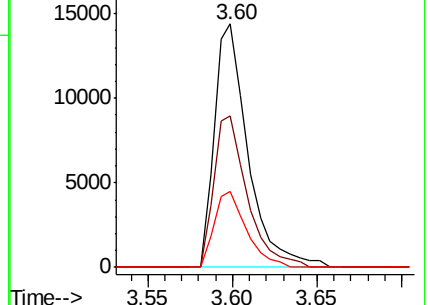
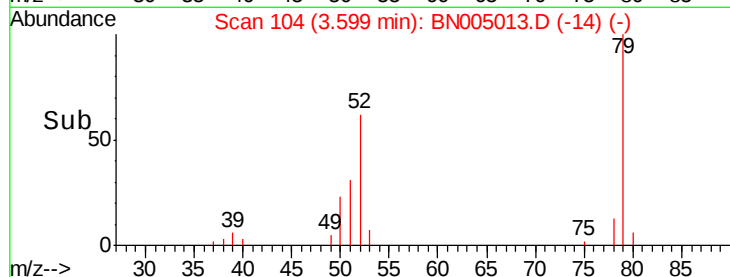


Abundance Ion 79.00 (78.70 to 79.70): BN004974.D (-100) (-)

Ion 52.00 (51.70 to 52.70): BN004974.D (-100) (-)

Ion 51.00 (50.70 to 51.70): BN004974.D (-100) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 37.545 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

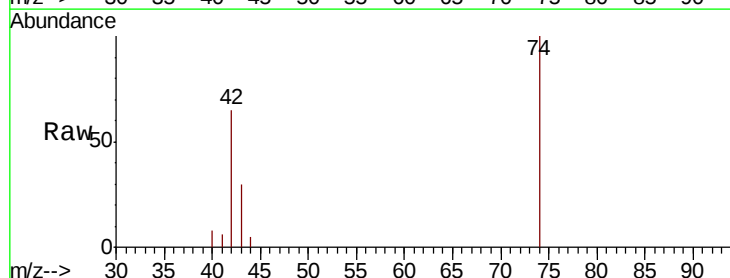
Tgt Ion: 42 Resp: 6966

Ion Ratio Lower Upper

42 100

74 155.0 130.8 196.2

44 7.3 5.7 8.5

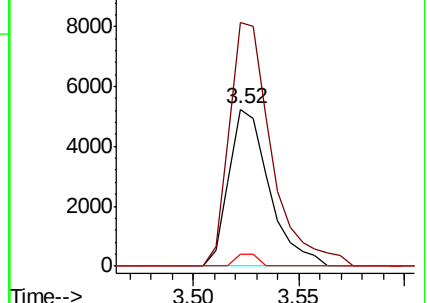
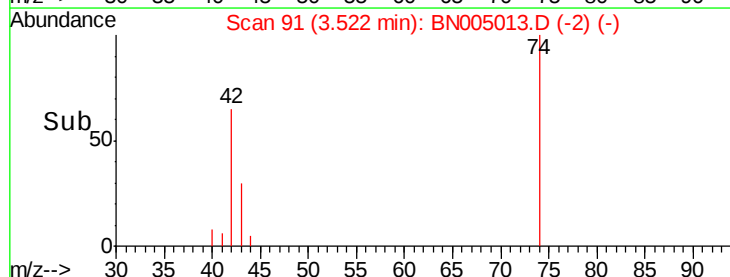


Abundance Ion 42.00 (41.70 to 42.70): BN004974.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN004974.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN004974.D (-87) (-)

Time-->





#5

2-Fluorophenol

Concen: 130.074 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampled :

IDOC-S-04

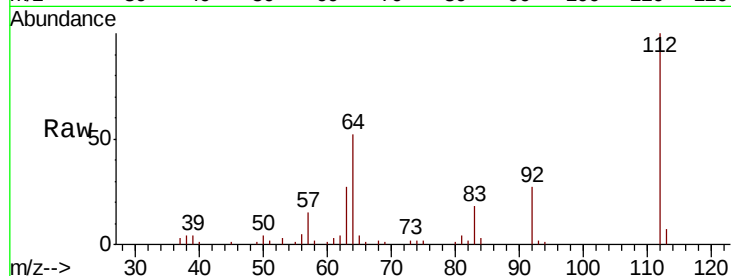
Tgt Ion: 112 Resp: 72692

Ion Ratio Lower Upper

112 100

64 52.4 41.9 62.9

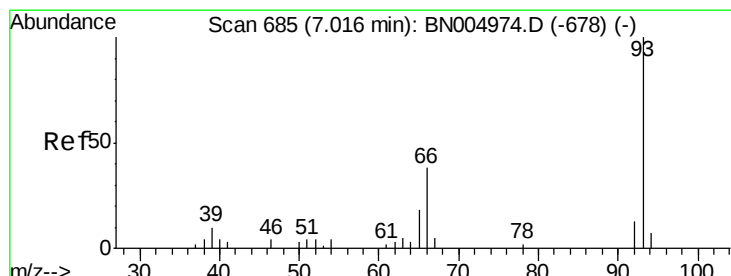
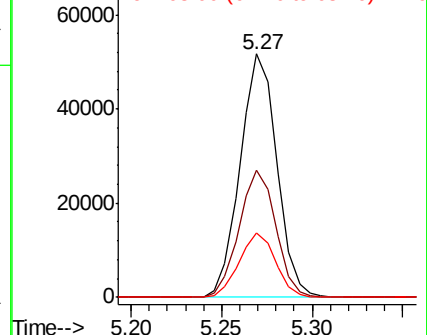
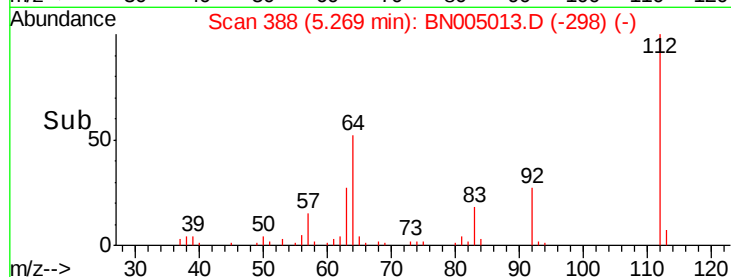
63 26.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 31.213 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

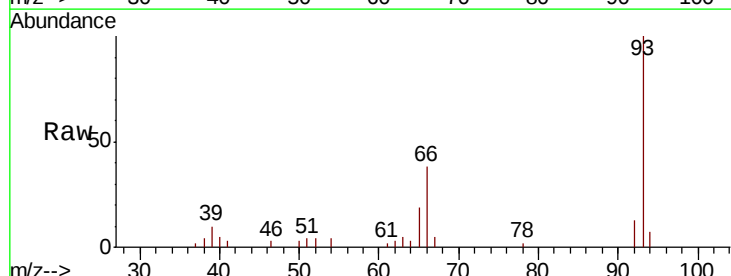
Tgt Ion: 93 Resp: 29462

Ion Ratio Lower Upper

93 100

66 37.7 30.2 45.4

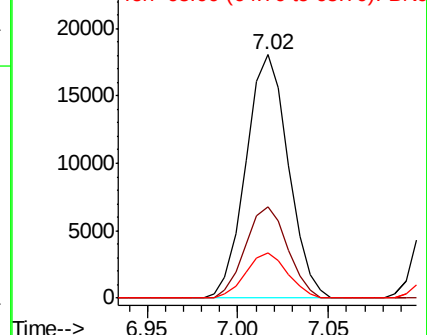
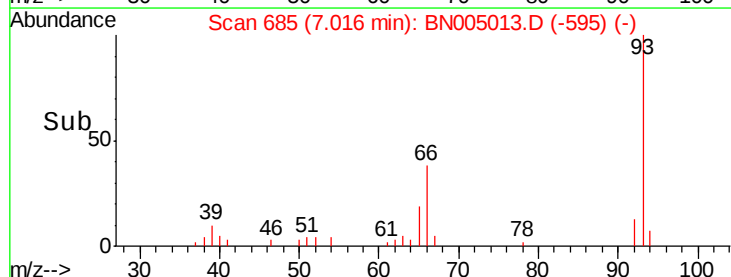
65 18.8 14.7 22.1

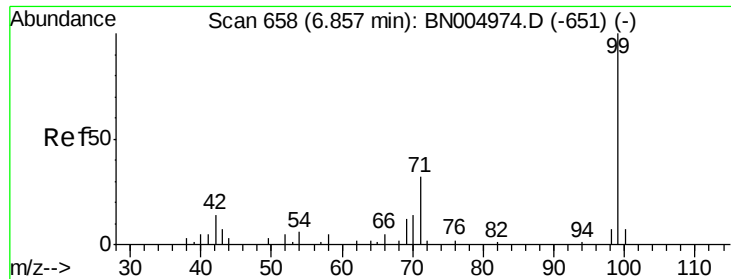


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 123.066 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN005013.D

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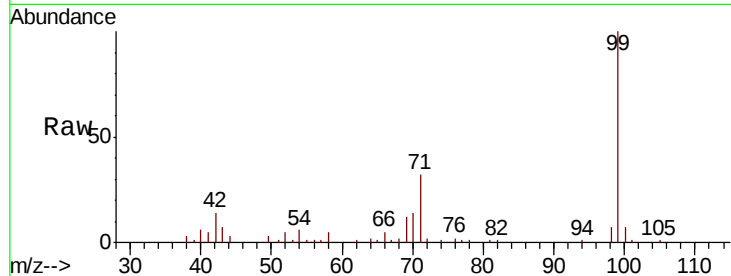
Tgt Ion: 99 Resp: 91220

Ion Ratio Lower Upper

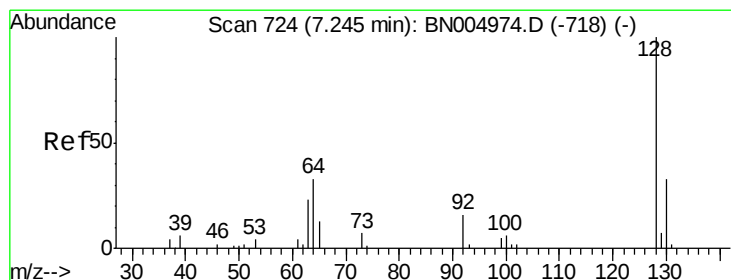
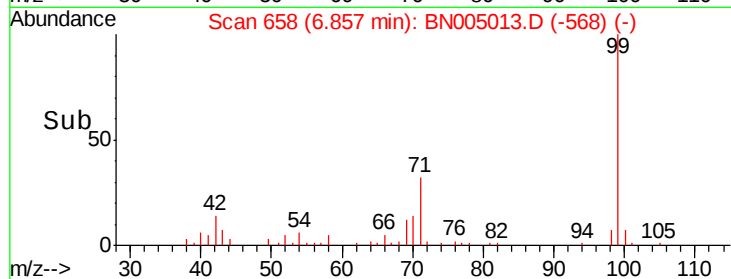
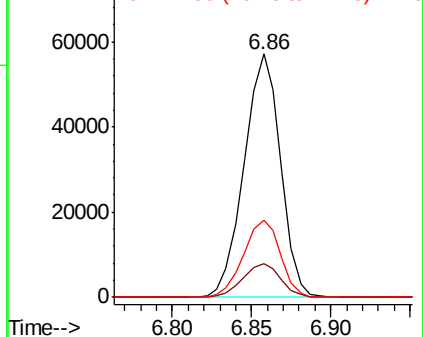
99 100

42 13.8 11.4 17.0

71 31.9 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BNC  
Ion 42.00 (41.70 to 42.70): BNC  
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 38.487 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

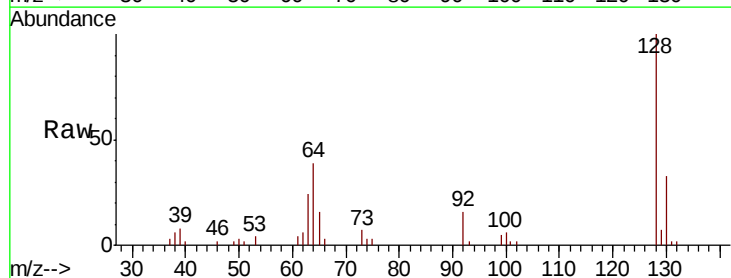
Tgt Ion: 128 Resp: 27304

Ion Ratio Lower Upper

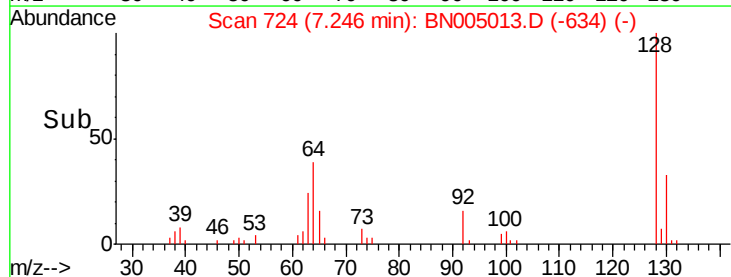
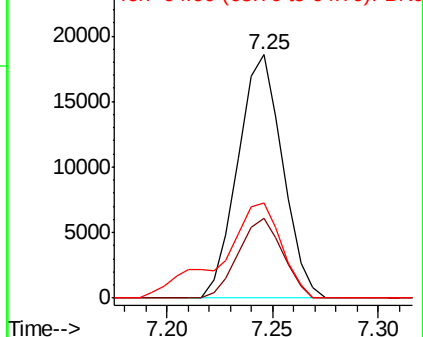
128 100

130 32.5 12.9 52.9

64 39.2 19.9 59.9



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





#9

Benzaldehyde

Concen: 20.984 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

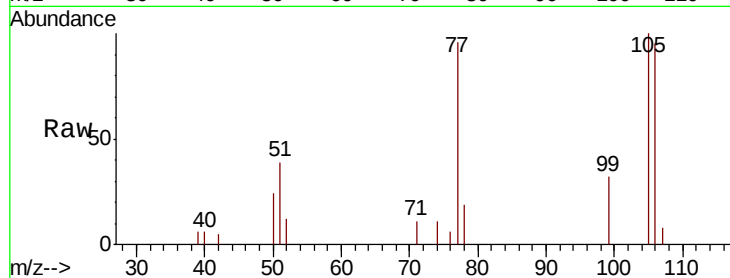
Tgt Ion: 77 Resp: 8938

Ion Ratio Lower Upper

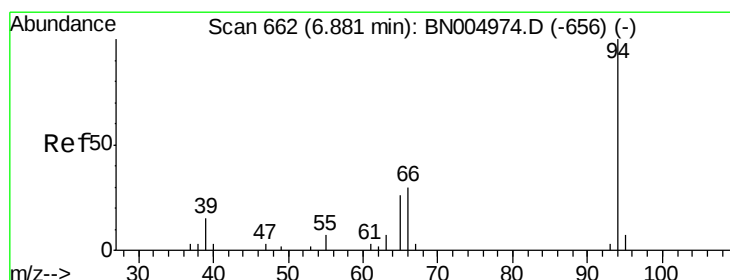
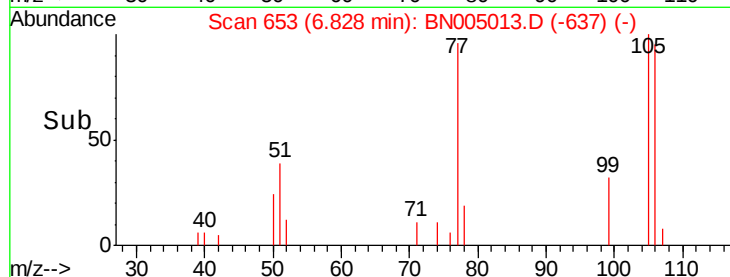
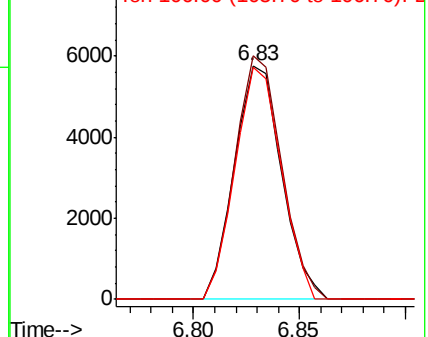
77 100

105 104.1 86.1 126.1

106 99.0 79.9 119.9



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: 38.500 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

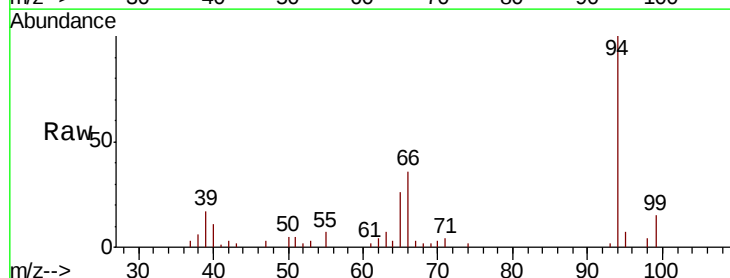
Tgt Ion: 94 Resp: 30579

Ion Ratio Lower Upper

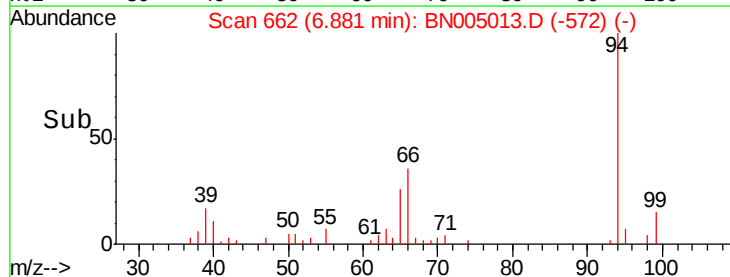
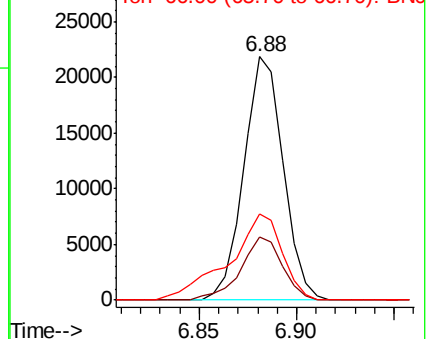
94 100

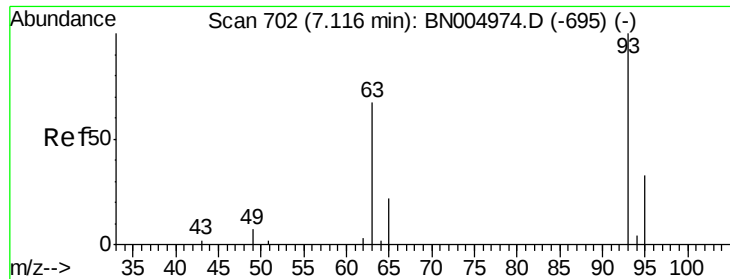
65 25.7 5.7 45.7

66 35.7 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

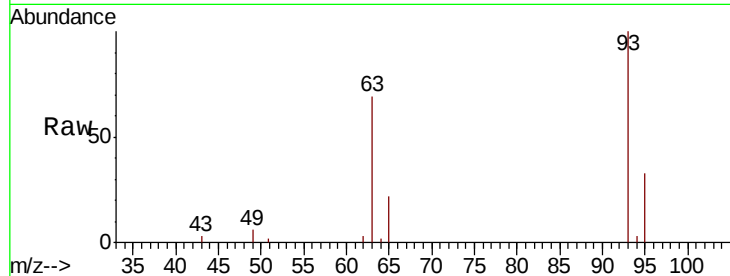




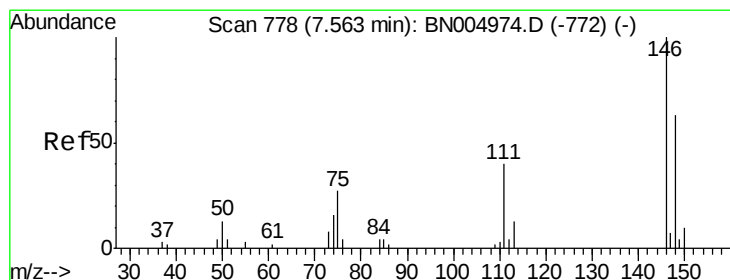
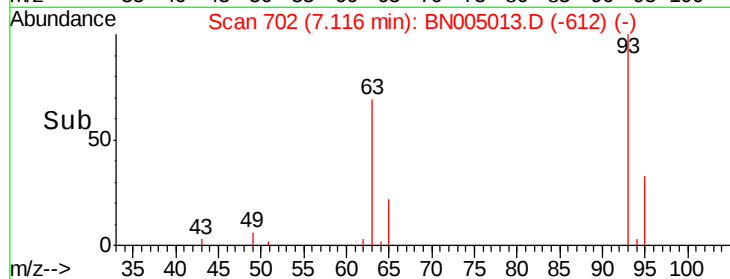
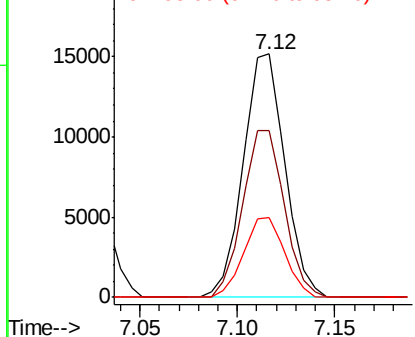
#11  
bis(2-Chloroethyl)ether  
Concen: 36.471 ng  
RT: 7.12 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

Tgt Ion: 93 Resp: 22401  
Ion Ratio Lower Upper  
93 100  
63 68.5 47.0 87.0  
95 32.6 12.7 52.7

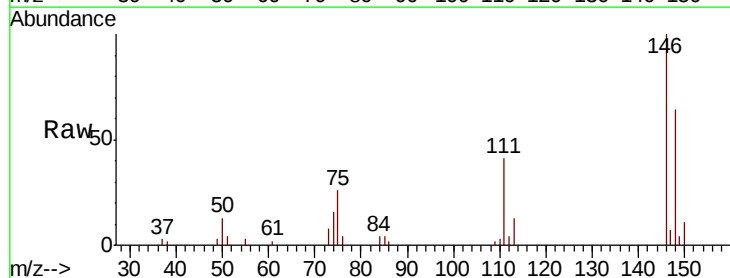


Abundance Ion 93.00 (92.70 to 93.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0  
Ion 95.00 (94.70 to 95.70): BN0

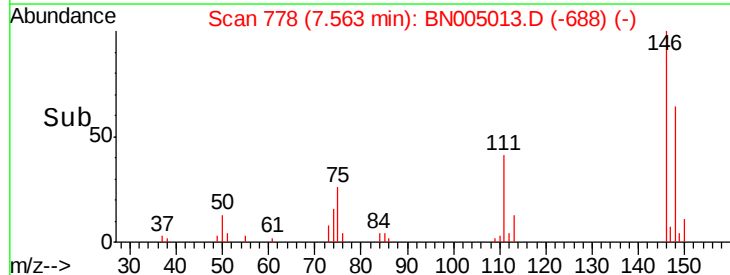
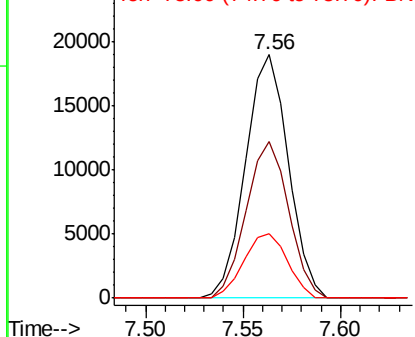


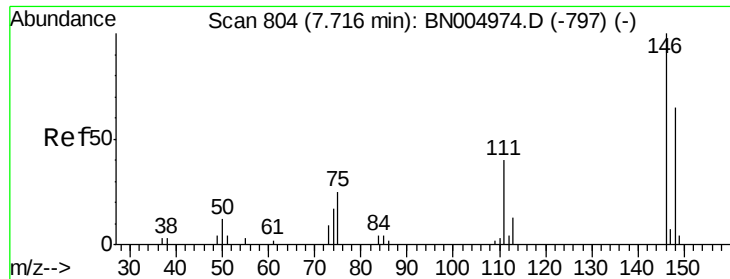
#12  
1,3-Dichlorobenzene  
Concen: 37.362 ng  
RT: 7.56 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Tgt Ion: 146 Resp: 28879  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.0 78.0  
75 26.5 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BN0

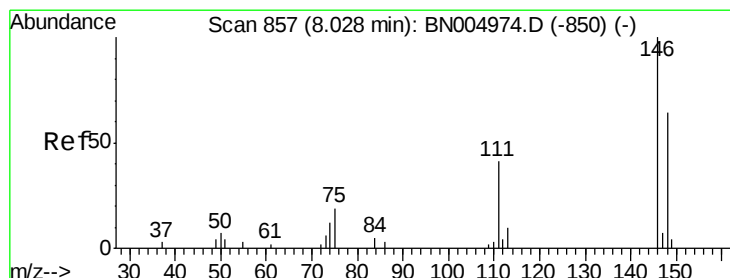
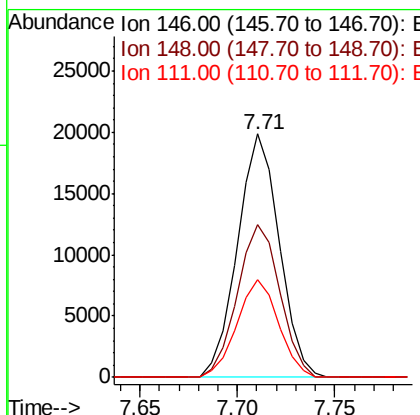
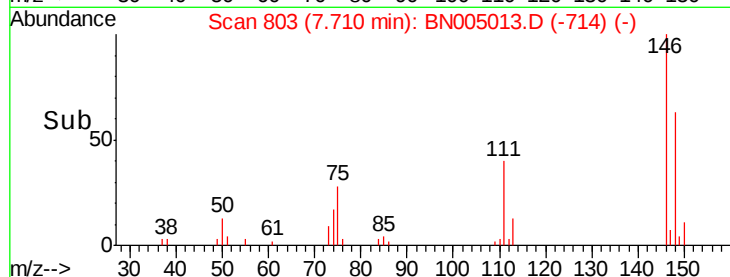
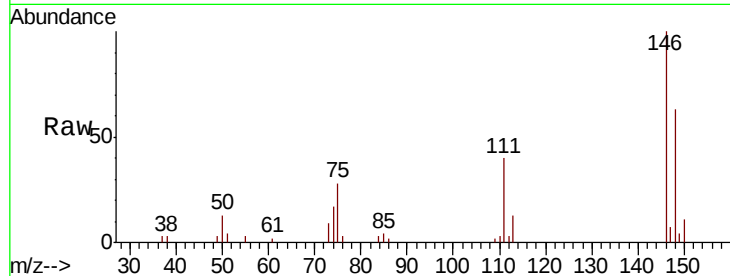




#13  
 1,4-Dichlorobenzene  
 Concen: 37.566 ng  
 RT: 7.71 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

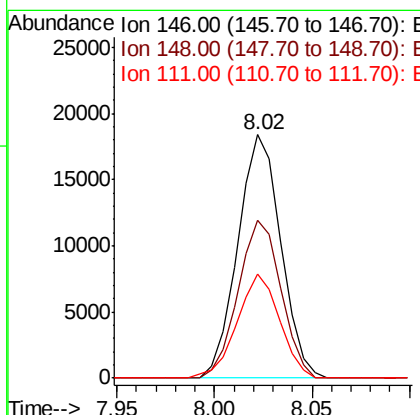
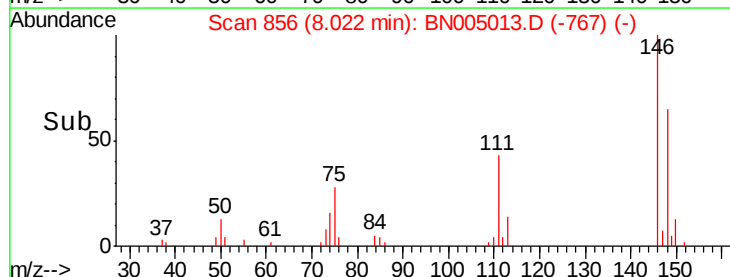
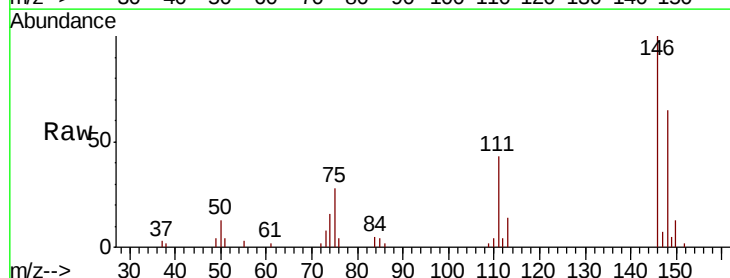
Instrument :  
 BNA\_N  
 ClientSampleID :  
 IDOC-S-04

Tgt Ion:146 Resp: 29391  
 Ion Ratio Lower Upper  
 146 100  
 148 62.8 51.4 77.2  
 111 40.3 32.6 49.0



#14  
 1,2-Dichlorobenzene  
 Concen: 37.389 ng  
 RT: 8.02 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:146 Resp: 27995  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 51.4 77.2  
 111 42.6 32.6 49.0





#15

Benzyl Alcohol

Concen: 35.907 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

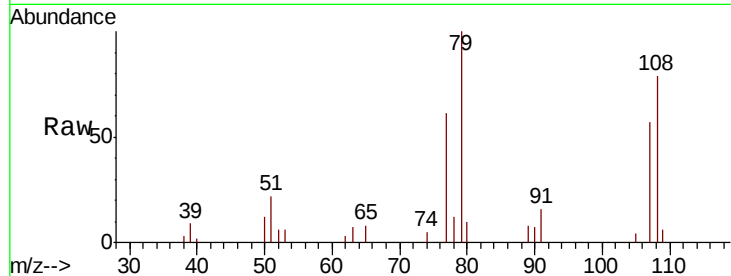
Tgt Ion: 79 Resp: 20249

Ion Ratio Lower Upper

79 100

108 79.5 64.0 96.0

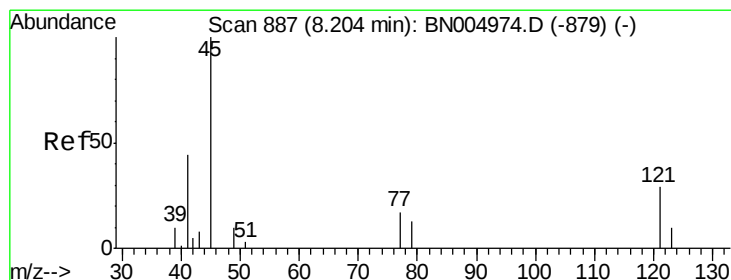
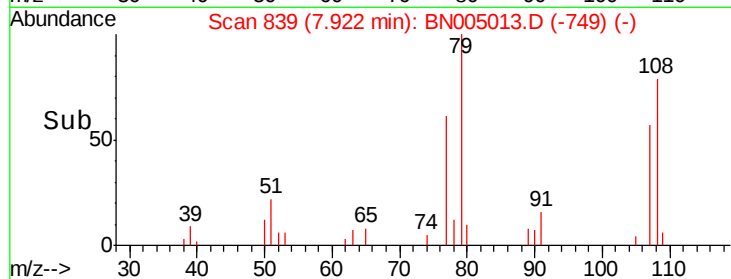
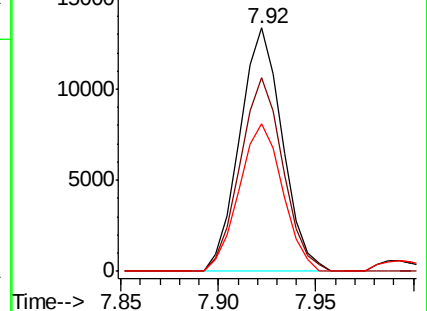
77 60.9 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.132 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

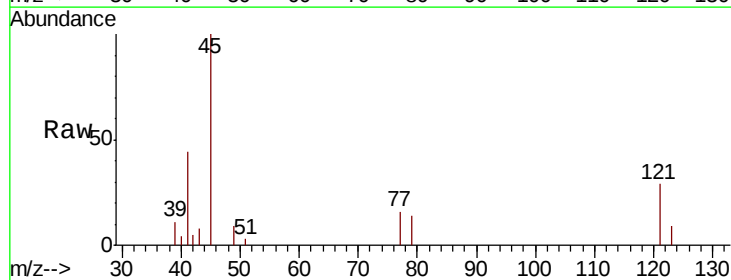
Tgt Ion: 45 Resp: 26775

Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.9

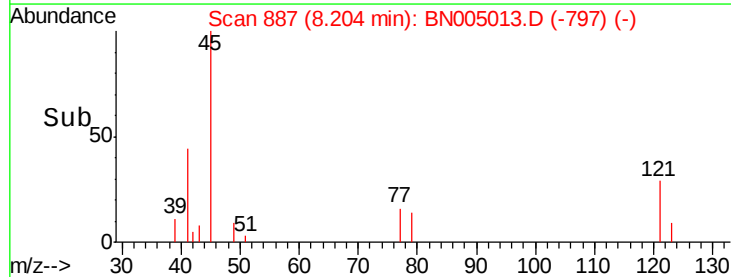
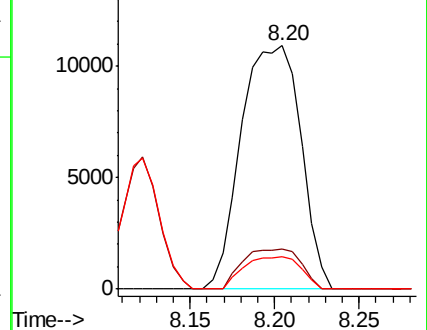
79 13.5 0.0 33.3

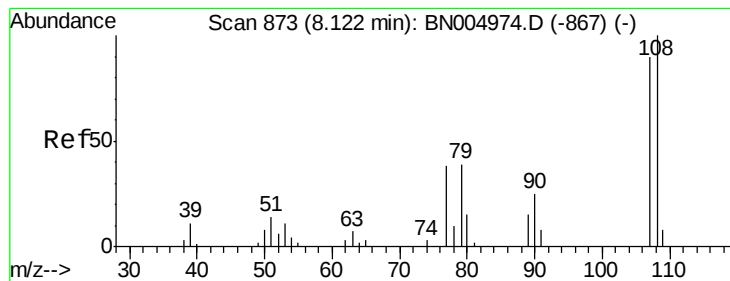


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#17

2-Methylphenol

Concen: 38.370 ng

RT: 8.12 min Scan# 873

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

Tgt Ion:107 Resp: 21246

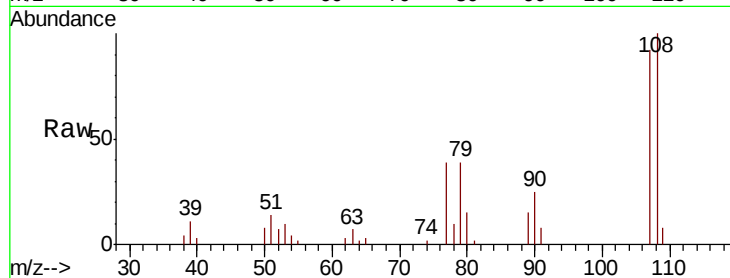
Ion Ratio Lower Upper

107 100

108 108.8 88.8 133.2

77 42.5 34.2 51.2

79 42.0 34.8 52.2

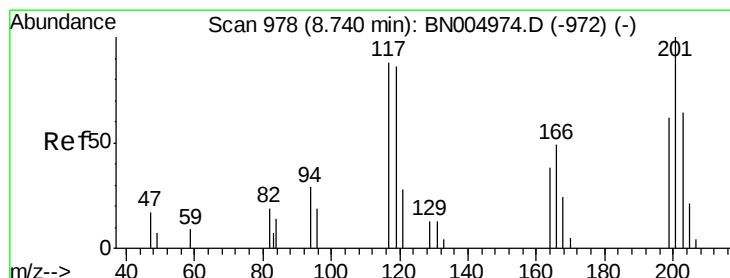
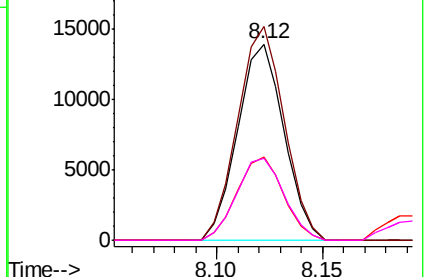
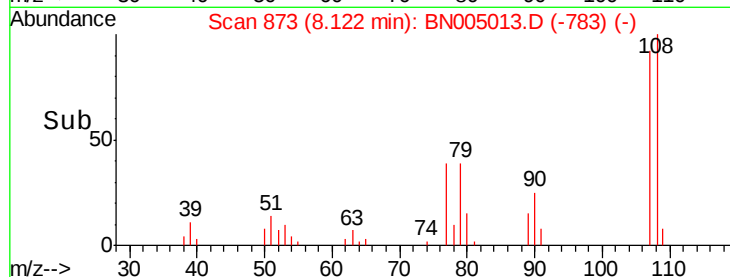


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.111 ng

RT: 8.74 min Scan# 978

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

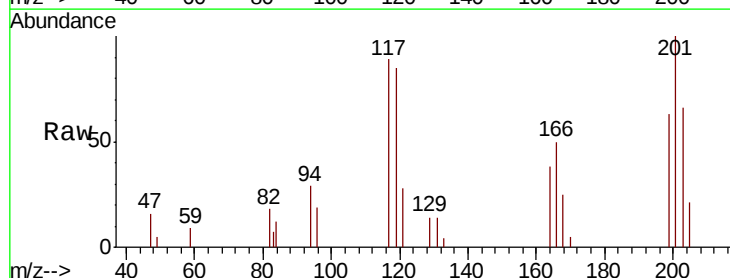
Tgt Ion:117 Resp: 10014

Ion Ratio Lower Upper

117 100

119 96.0 77.5 116.3

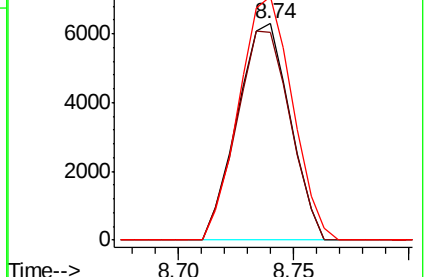
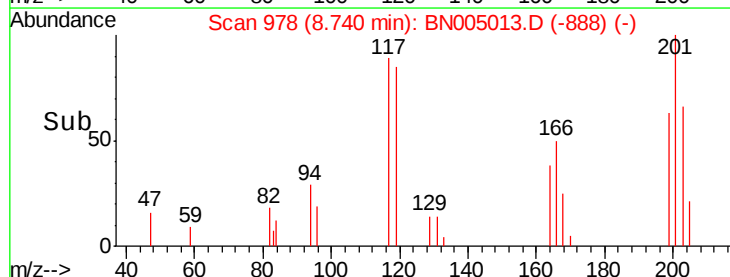
201 112.4 90.5 135.7

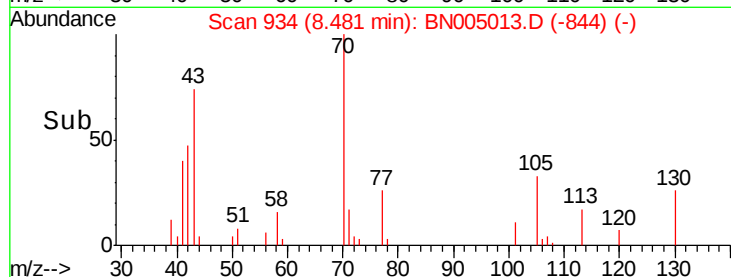
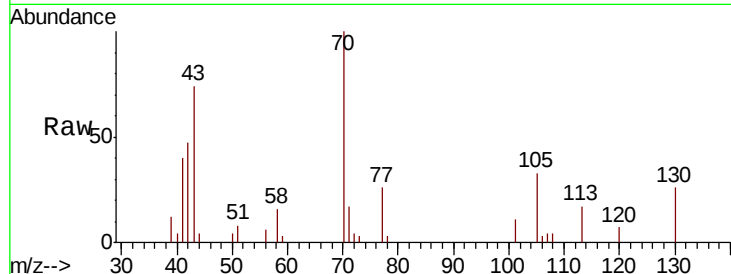
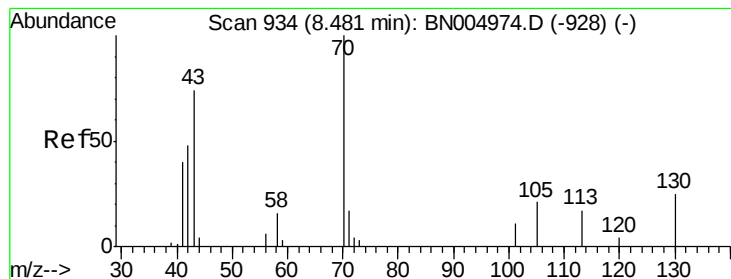


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.699 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

Tgt Ion: 70 Resp: 16861

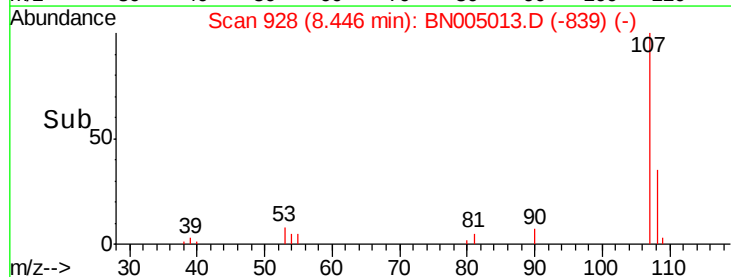
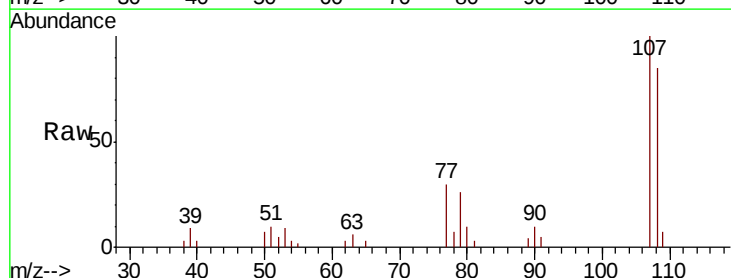
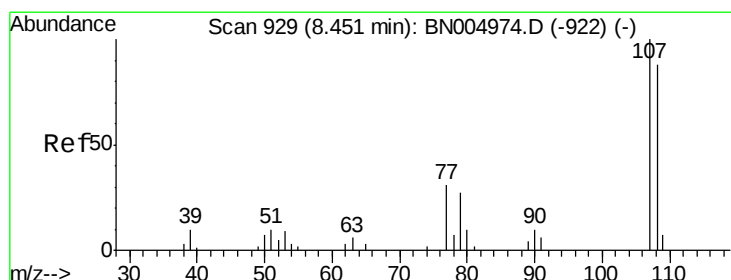
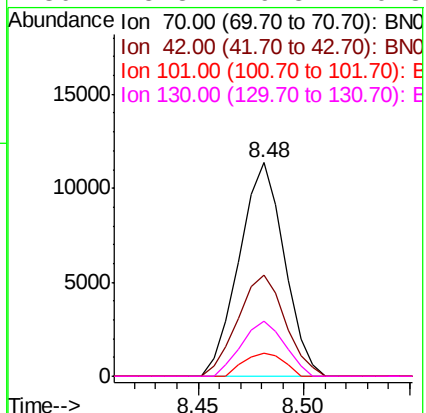
Ion Ratio Lower Upper

70 100

42 47.3 38.4 57.6

101 10.8 8.8 13.2

130 25.8 19.8 29.8



#20

3+4-Methylphenols

Concen: 37.660 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Tgt Ion: 107 Resp: 28313

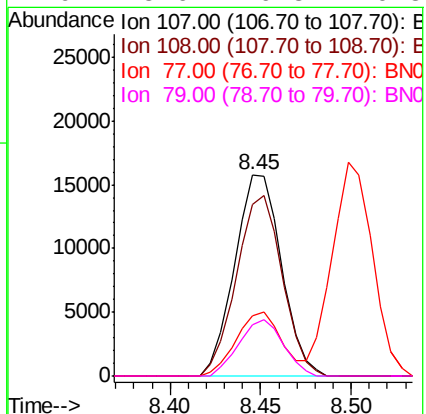
Ion Ratio Lower Upper

107 100

108 85.5 67.9 107.9

77 30.0 10.6 50.6

79 25.6 6.8 46.8

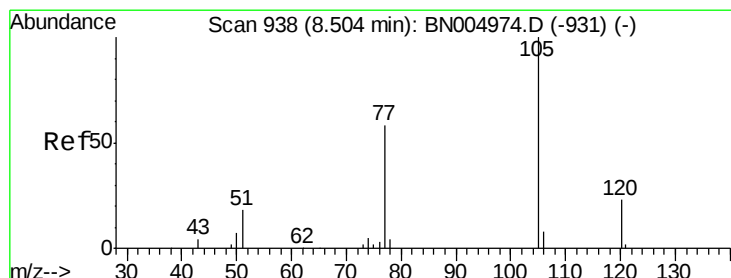
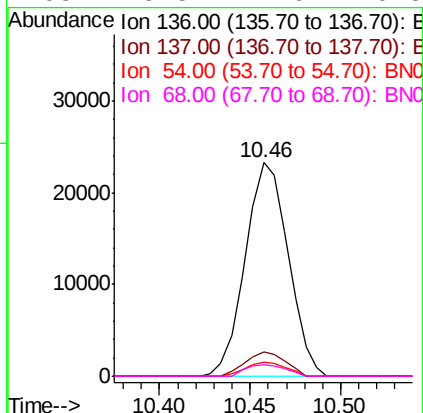
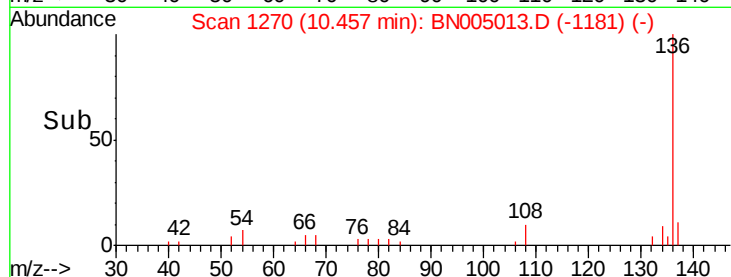
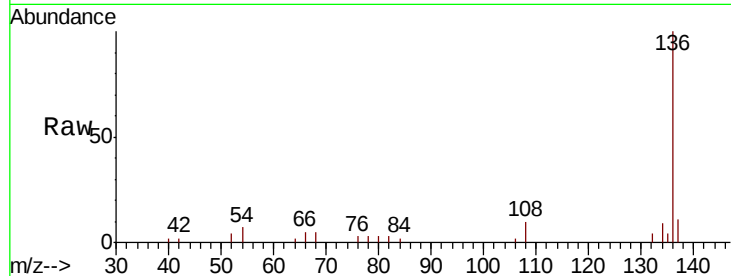




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.46 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

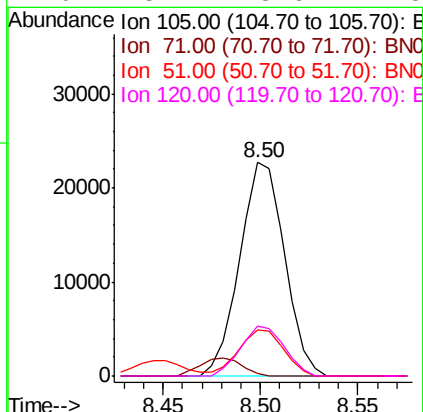
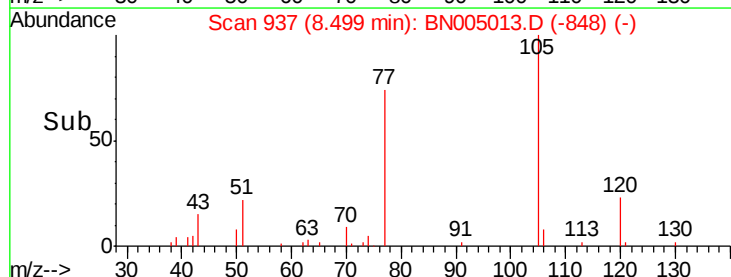
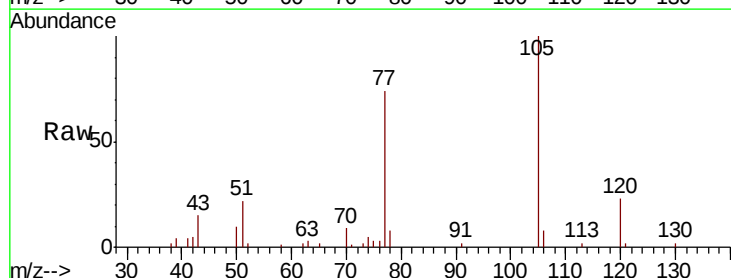
Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

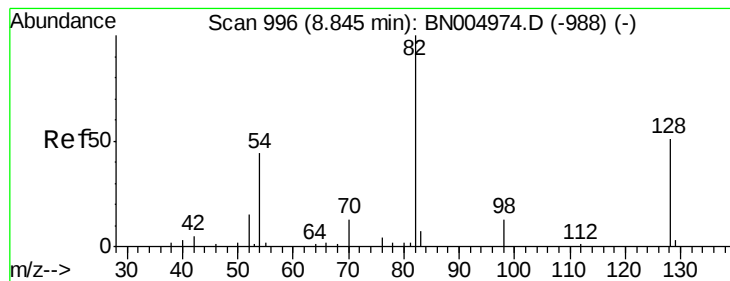
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 38388 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 8.9   | 13.3  |
| 54       | 6.6   | 5.3   | 7.9   |
| 68       | 5.5   | 4.6   | 6.8   |



#22  
Acetophenone  
Concen: 41.374 ng  
RT: 8.50 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 36256 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 1.5   | 0.0   | 0.0#  |
| 51       | 21.9  | 17.8  | 26.8  |
| 120      | 23.2  | 18.6  | 27.8  |





#23

Nitrobenzene-d5

Concen: 75.101 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

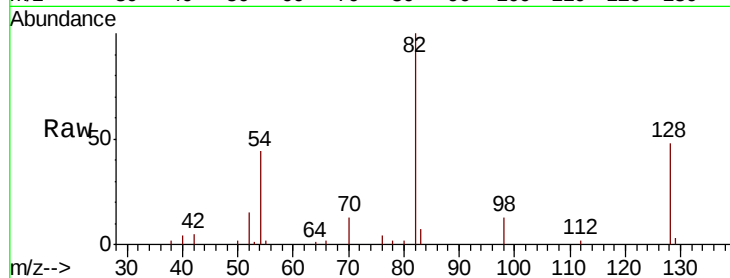
Tgt Ion: 82 Resp: 47659

Ion Ratio Lower Upper

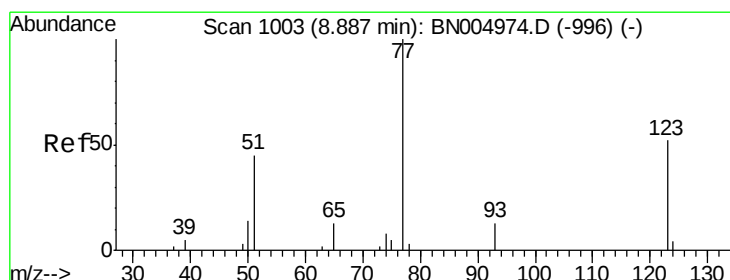
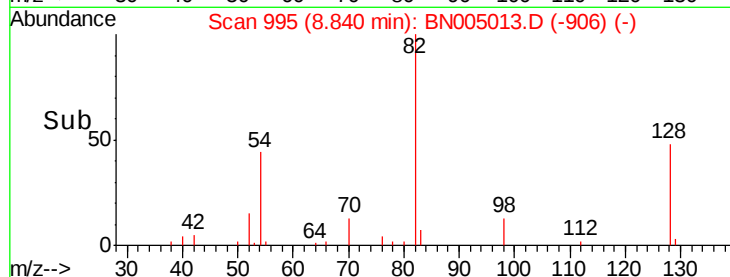
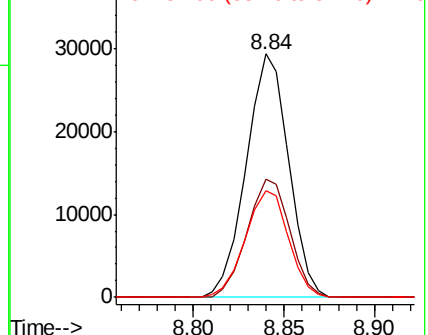
82 100

128 48.4 40.6 60.8

54 43.9 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BN0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BN0



#24

Nitrobenzene

Concen: 39.524 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

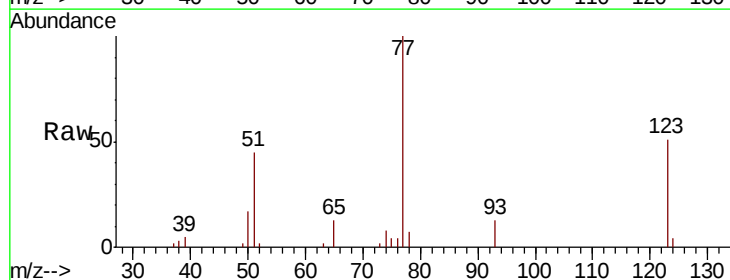
Tgt Ion: 77 Resp: 25384

Ion Ratio Lower Upper

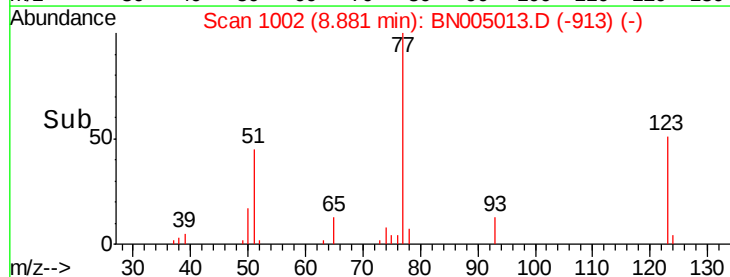
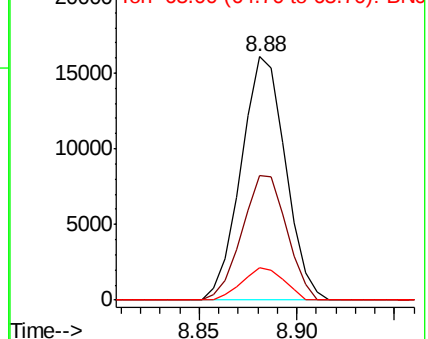
77 100

123 51.2 41.3 61.9

65 13.1 10.3 15.5



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 37.353 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

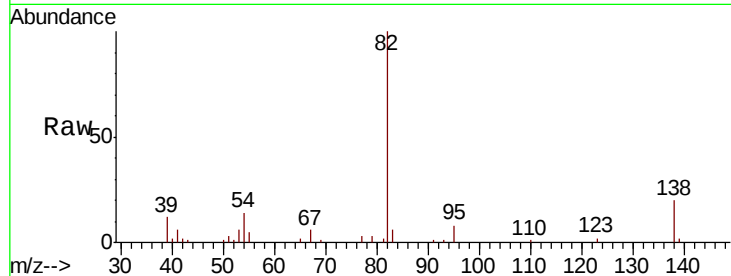
Tgt Ion: 82 Resp: 46179

Ion Ratio Lower Upper

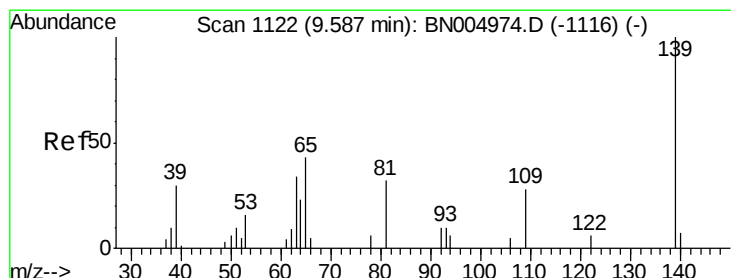
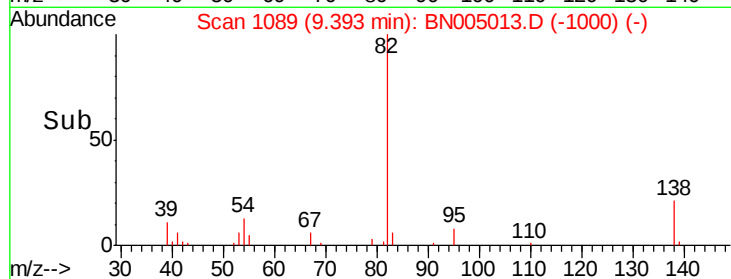
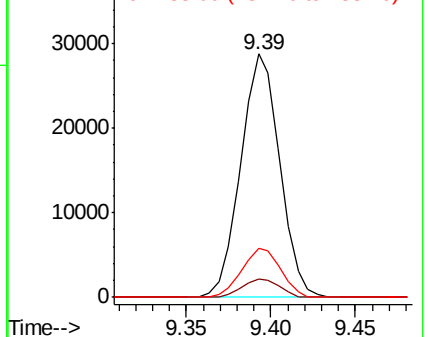
82 100

95 7.7 6.1 9.1

138 20.1 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BNC  
Ion 95.00 (94.70 to 95.70): BNC  
Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 37.867 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

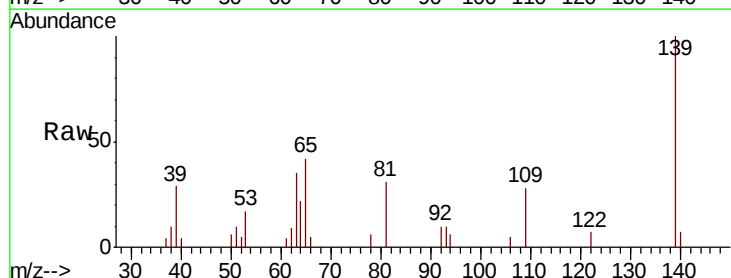
Tgt Ion: 139 Resp: 14121

Ion Ratio Lower Upper

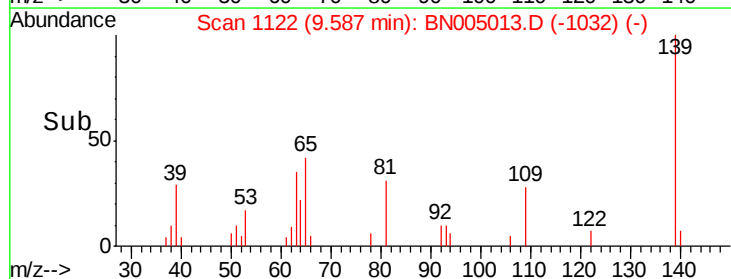
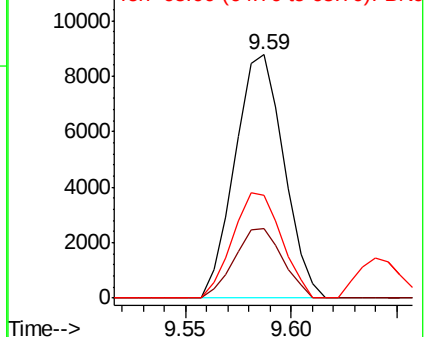
139 100

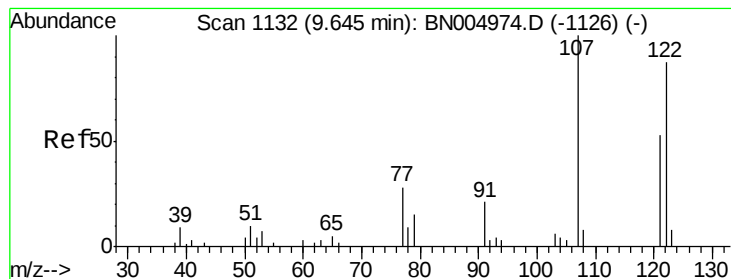
109 28.4 22.5 33.7

65 42.4 34.2 51.4



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





#27

2,4-Dimethylphenol

Concen: 46.190 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

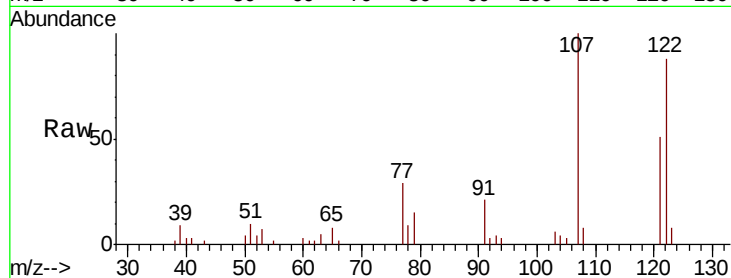
Tgt Ion: 122 Resp: 23981

Ion Ratio Lower Upper

122 100

107 113.7 91.6 137.4

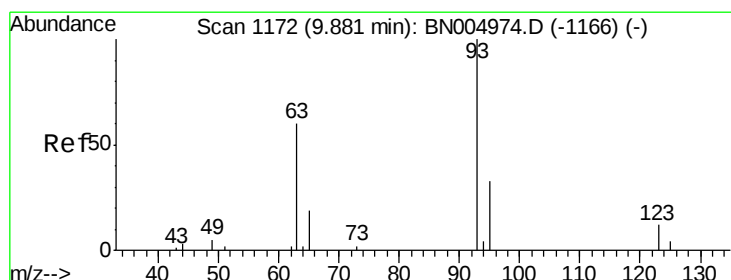
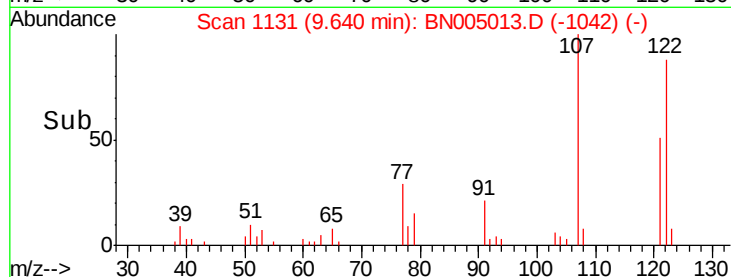
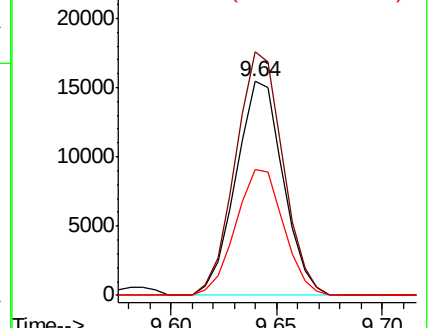
121 58.5 48.2 72.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.795 ng

RT: 9.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

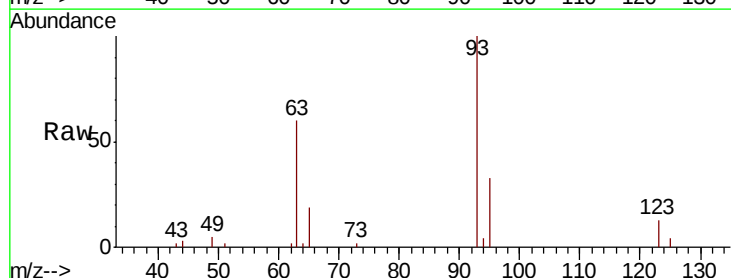
Tgt Ion: 93 Resp: 29716

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.4

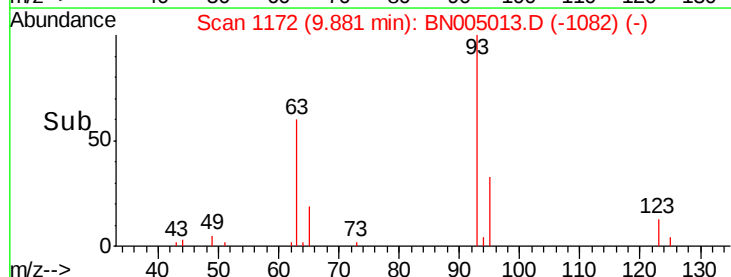
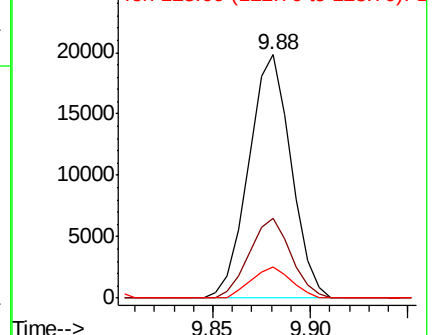
123 12.5 9.8 14.8

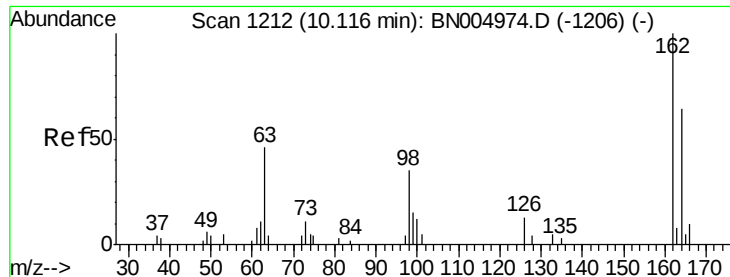


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

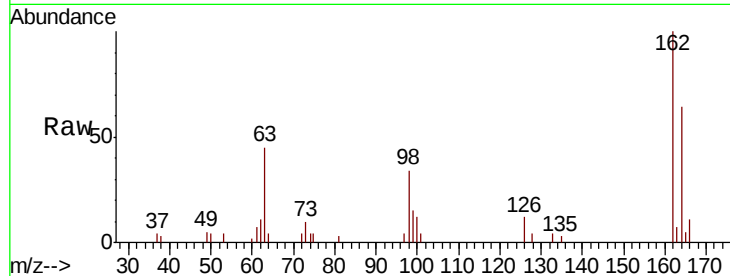




#29  
 2,4-Dichlorophenol  
 Concen: 41.551 ng  
 RT: 10.12 min Scan# 1212  
 Delta R.T. 0.00 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.7  | 44.3  | 84.3  |
| 98      | 33.9  | 15.3  | 55.3  |

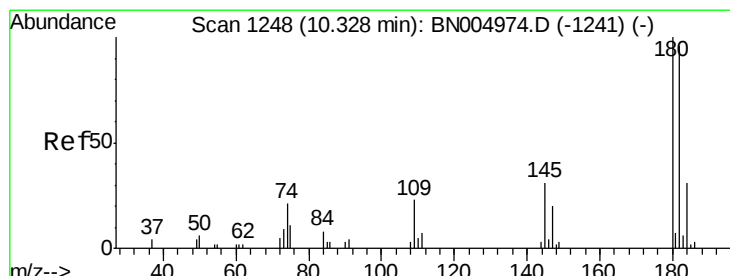
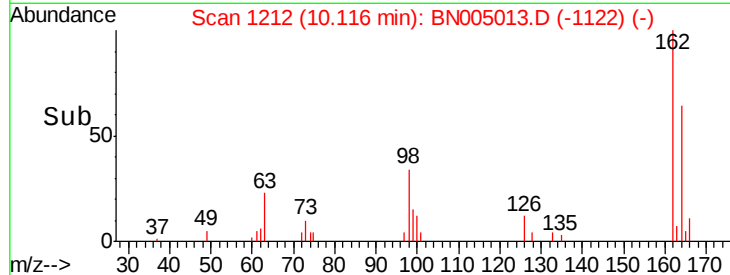
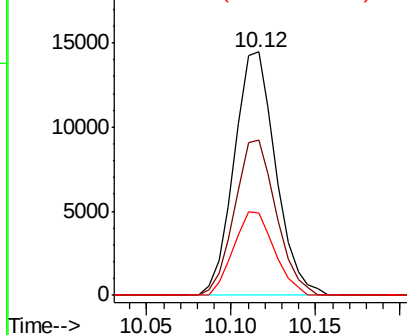


Abundance

Ion 162.00 (161.70 to 162.70): E

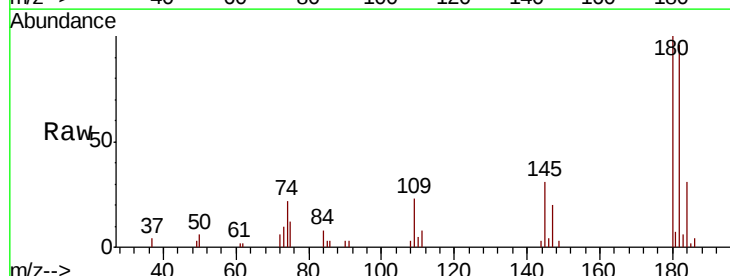
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.040 ng  
 RT: 10.32 min Scan# 1247  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 76.6  | 114.8 |
| 145     | 30.8  | 24.6  | 37.0  |

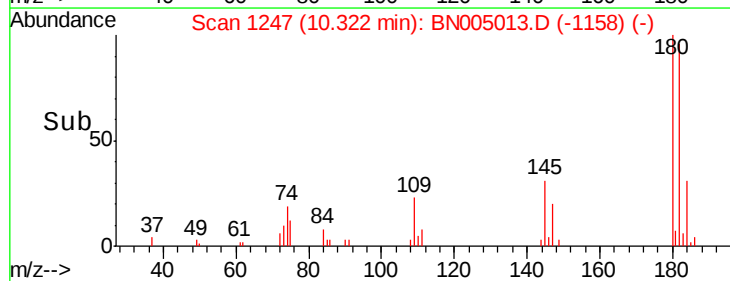
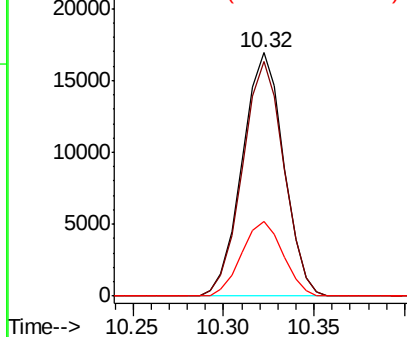


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

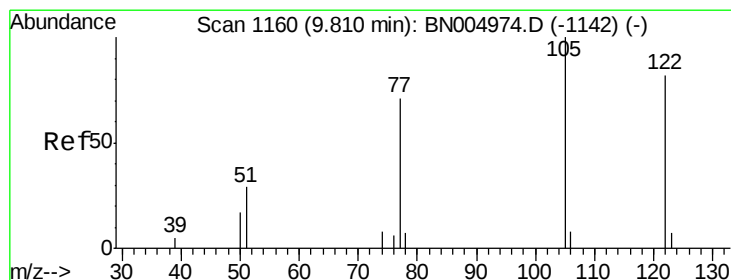
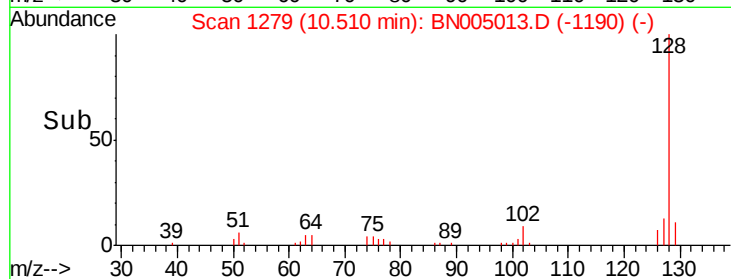
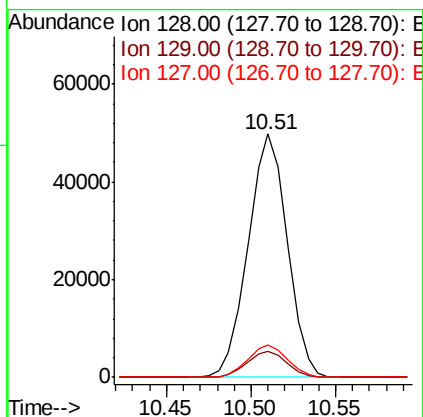
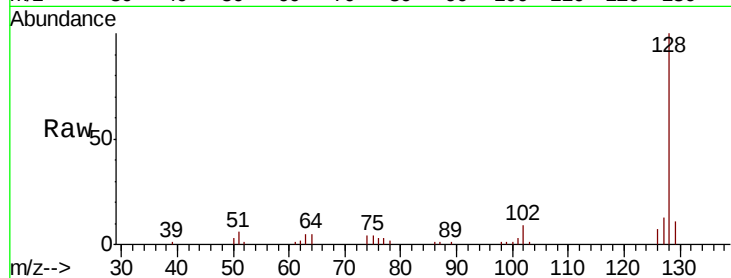




#31  
Naphthalene  
Concen: 40.001 ng  
RT: 10.51 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

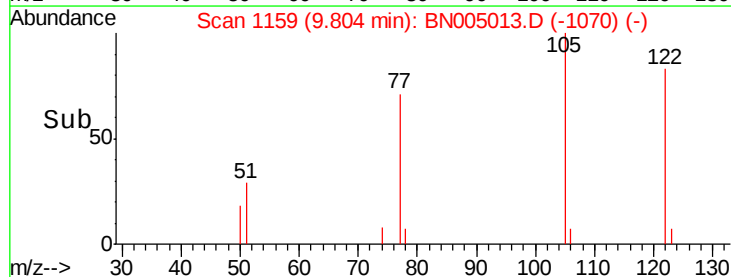
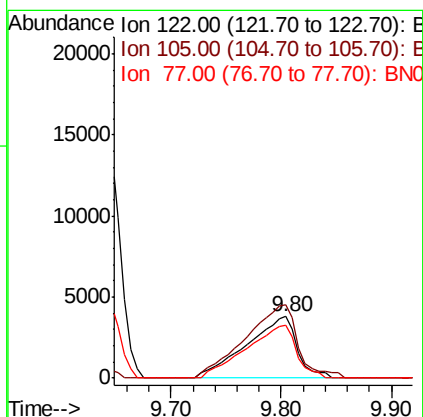
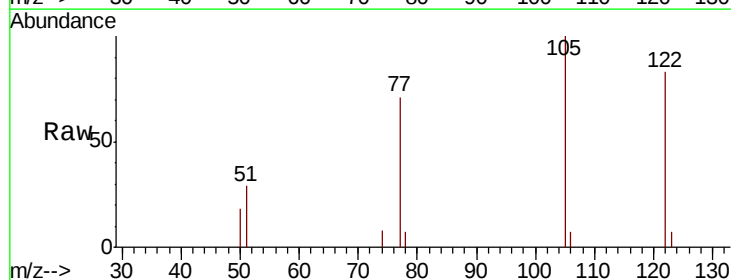
Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

Tgt Ion:128 Resp: 80116  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.7 13.1  
127 13.4 10.8 16.2



#32  
Benzoic acid  
Concen: 31.310 ng  
RT: 9.80 min Scan# 1159  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Tgt Ion:122 Resp: 12173  
Ion Ratio Lower Upper  
122 100  
105 120.4 102.4 142.4  
77 85.5 67.1 107.1

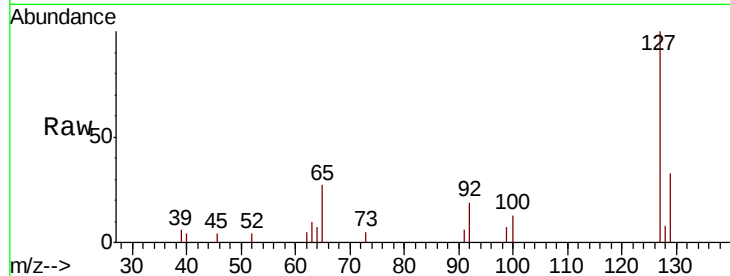




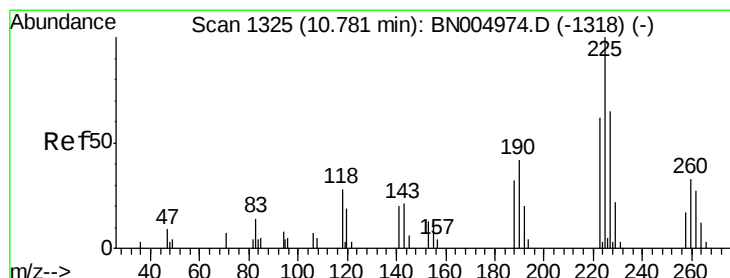
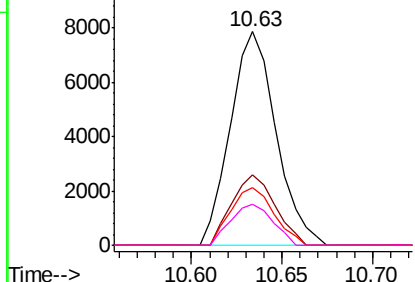
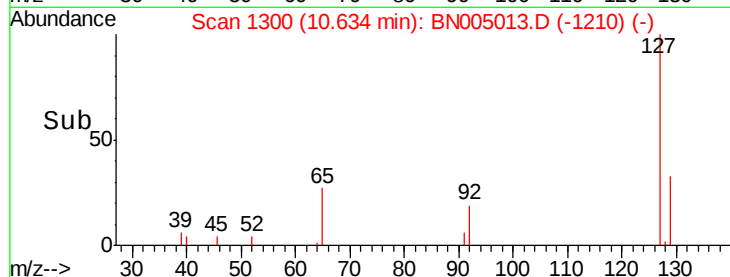
#33  
4-Chloroaniline  
Concen: 16.930 ng  
RT: 10.63 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 13796 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.8  | 25.9  | 38.9  |
| 65       | 26.8  | 21.4  | 32.0  |
| 92       | 19.0  | 15.3  | 22.9  |

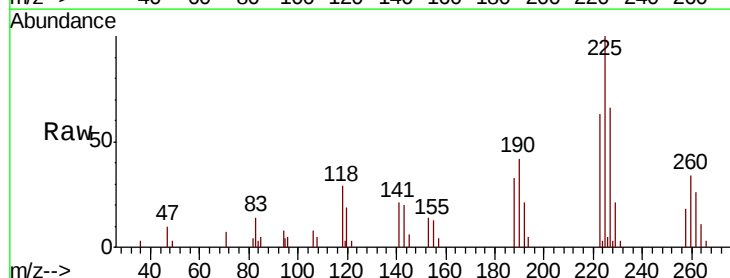


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BNC  
Ion 92.00 (91.70 to 92.70): BNC

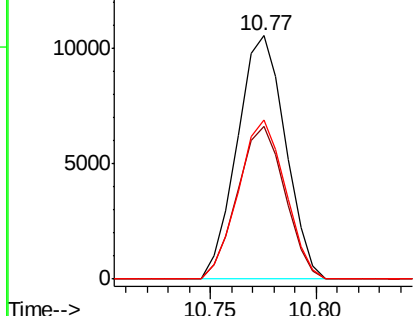
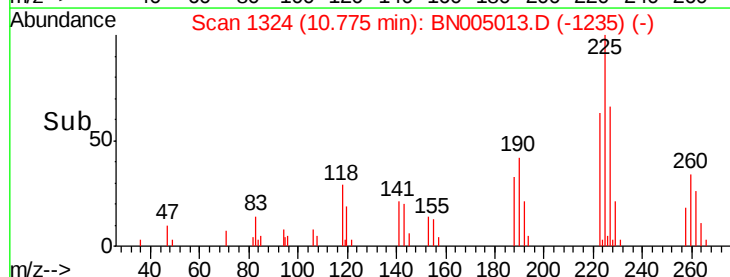


#34  
Hexachlorobutadiene  
Concen: 39.315 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 16721 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.9  | 49.7  | 74.5  |
| 227      | 65.6  | 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

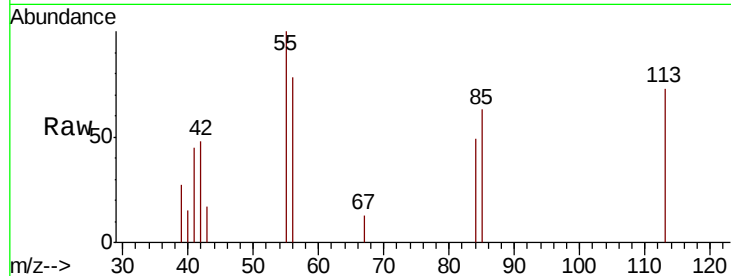




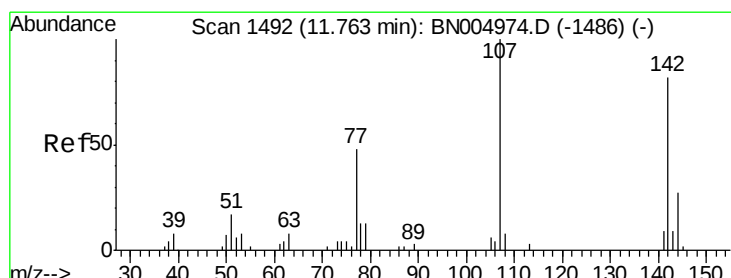
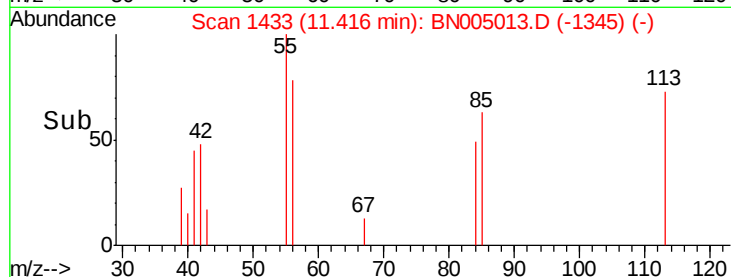
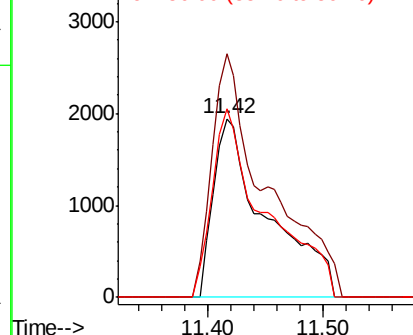
#35  
 Caprolactam  
 Concen: 32.239 ng  
 RT: 11.42 min Scan# 1433  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:113 Resp: 6299  
 Ion Ratio Lower Upper  
 113 100  
 55 136.2 115.8 155.8  
 56 105.7 85.1 125.1

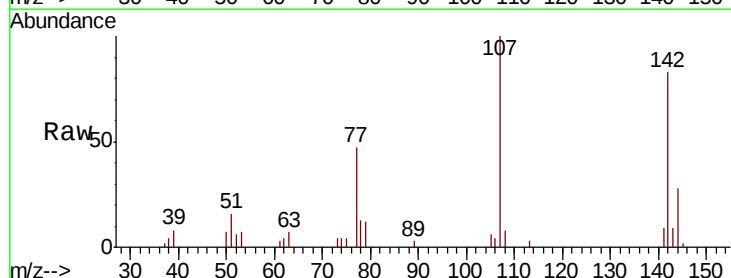


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BNC  
 Ion 56.00 (55.70 to 56.70): BNC

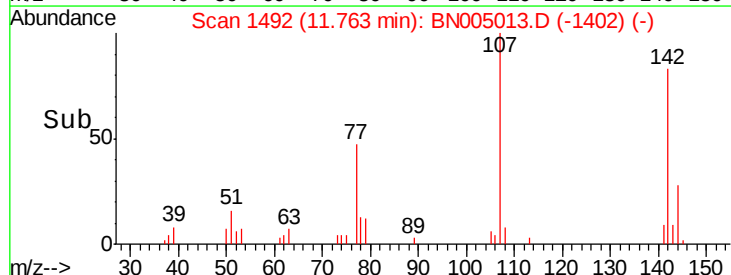
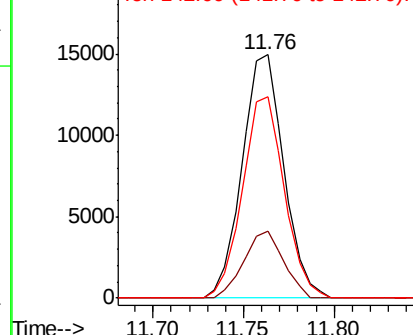


#36  
 4-Chloro-3-methylphenol  
 Concen: 37.117 ng  
 RT: 11.76 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:107 Resp: 23926  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 21.3 31.9  
 142 82.7 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

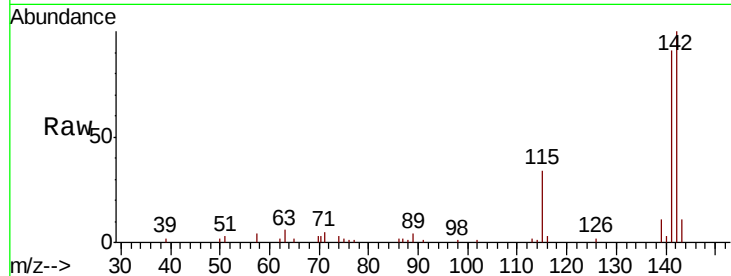




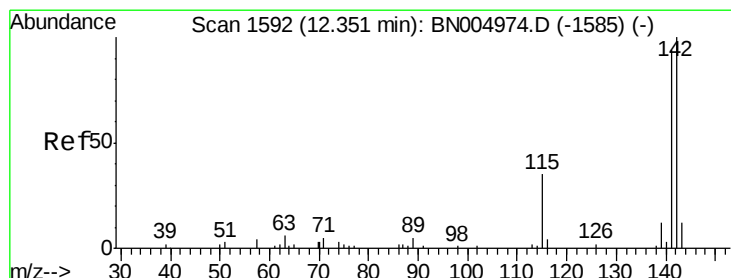
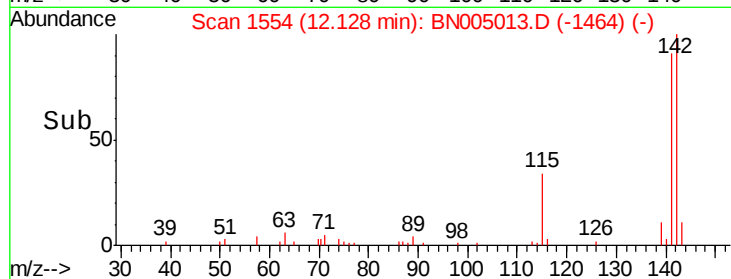
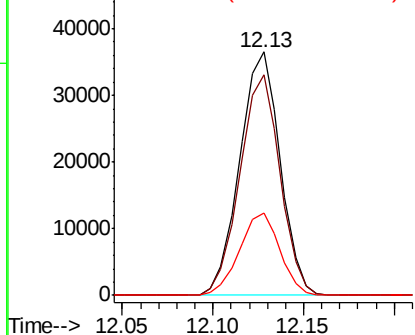
#37  
 2-Methylnaphthalene  
 Concen: 40.025 ng  
 RT: 12.13 min Scan# 1554  
 Delta R.T. 0.00 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:142 Resp: 56608  
 Ion Ratio Lower Upper  
 142 100  
 141 90.7 71.8 107.8  
 115 33.7 27.0 40.4

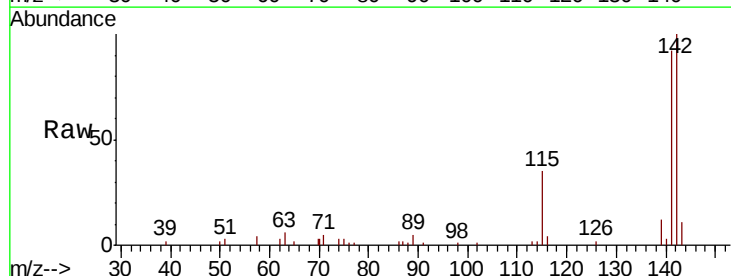


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

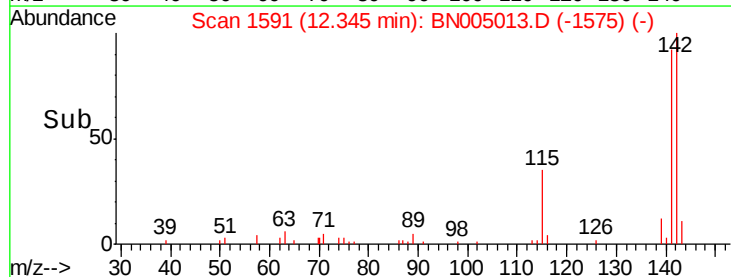
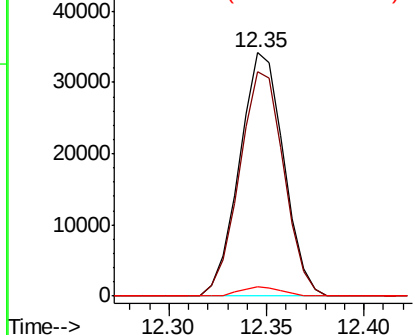


#38  
 1-Methylnaphthalene  
 Concen: 38.724 ng  
 RT: 12.35 min Scan# 1591  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:142 Resp: 53591  
 Ion Ratio Lower Upper  
 142 100  
 141 92.1 74.9 112.3  
 116 3.7 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

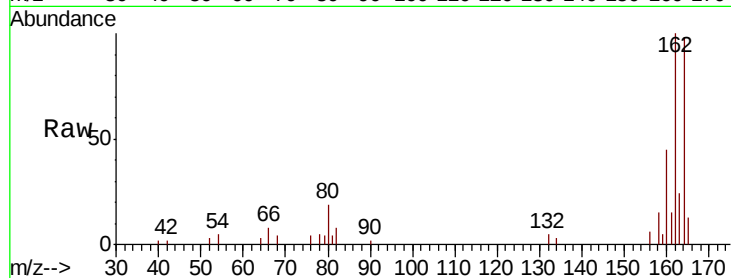
Tgt Ion:164 Resp: 20375

Ion Ratio Lower Upper

164 100

162 102.4 83.4 125.0

160 45.6 36.6 55.0

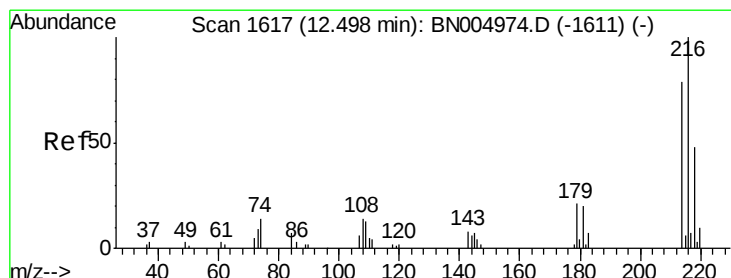
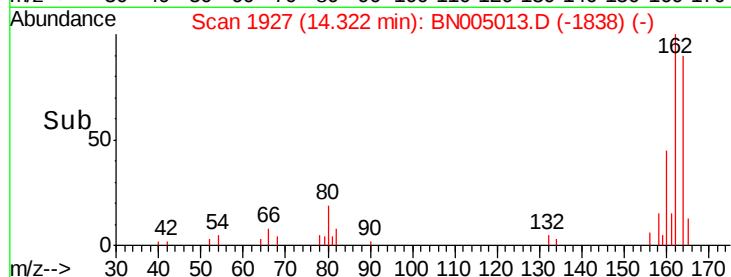
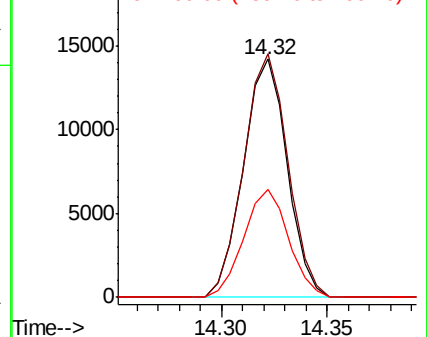


Abundance

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: 41.638 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Tgt Ion:216 Resp: 30091

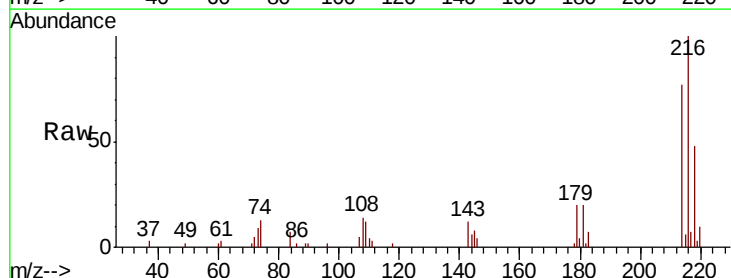
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.6 16.4 24.6

108 18.1 12.7 19.1



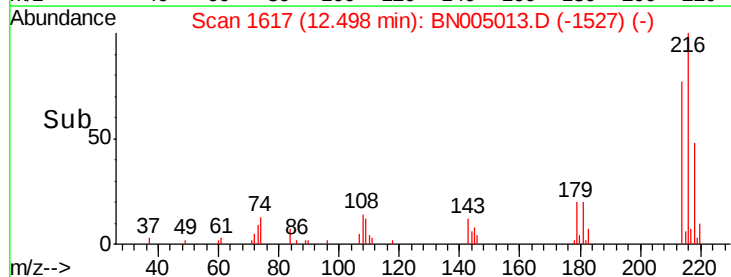
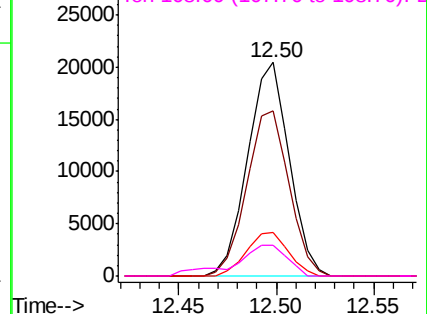
Abundance

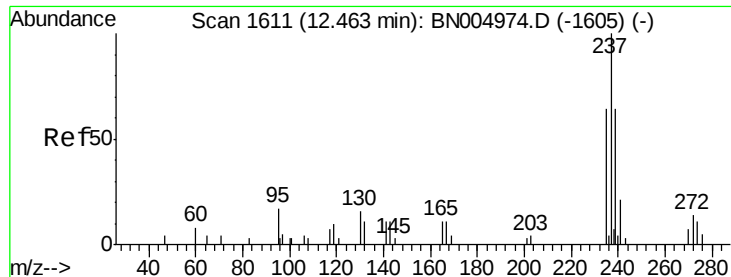
Ion 216.00 (215.70 to 216.70): E

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: 101.481 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

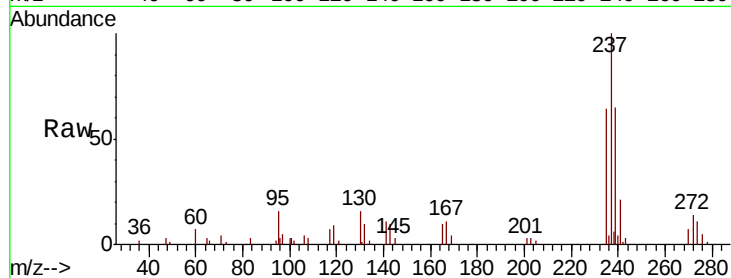
Tgt Ion: 237 Resp: 42023

Ion Ratio Lower Upper

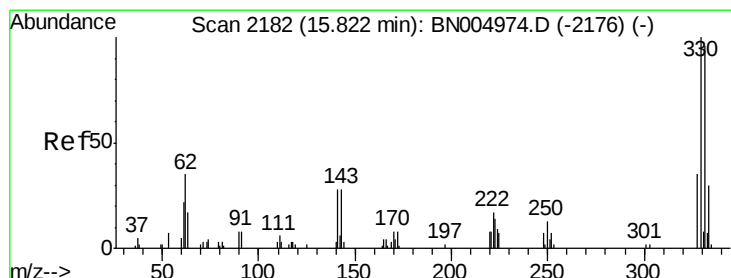
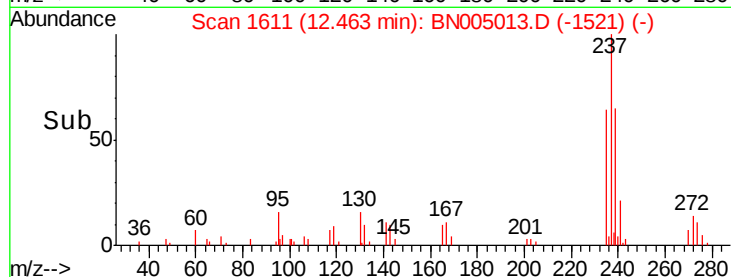
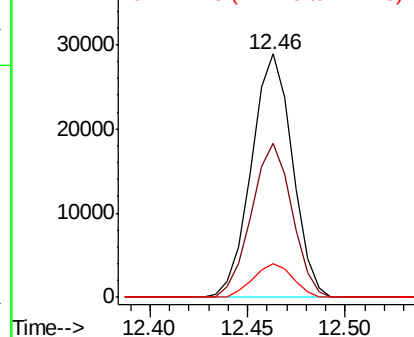
237 100

235 63.5 43.6 83.6

272 13.9 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 118.974 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

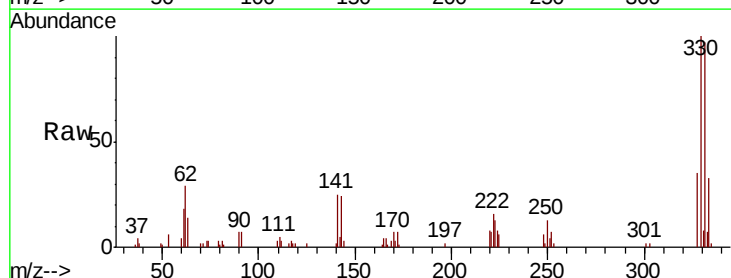
Tgt Ion: 330 Resp: 39096

Ion Ratio Lower Upper

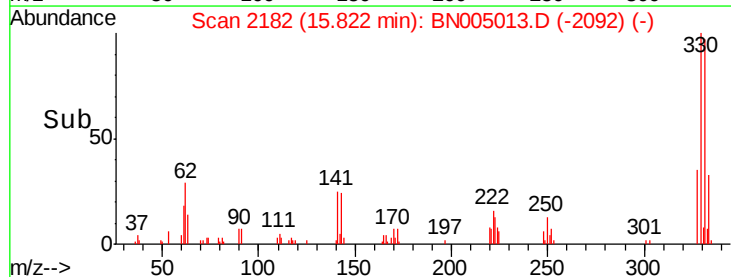
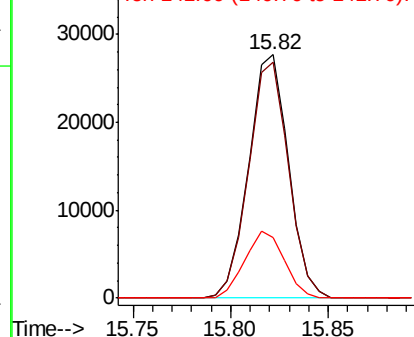
330 100

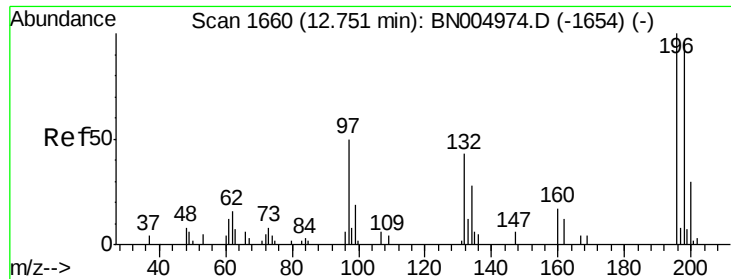
332 96.9 77.4 116.0

141 27.3 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

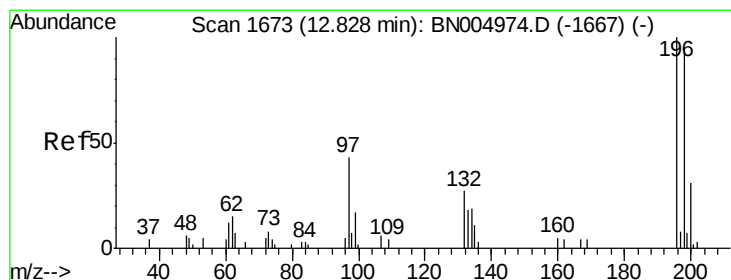
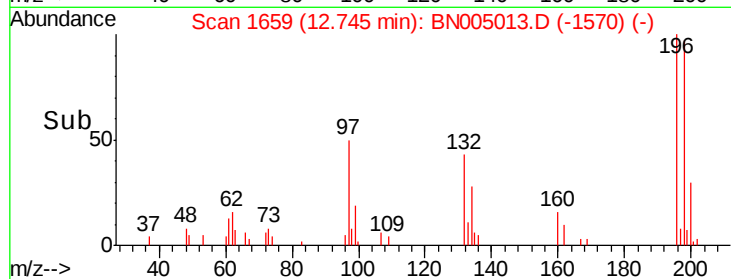
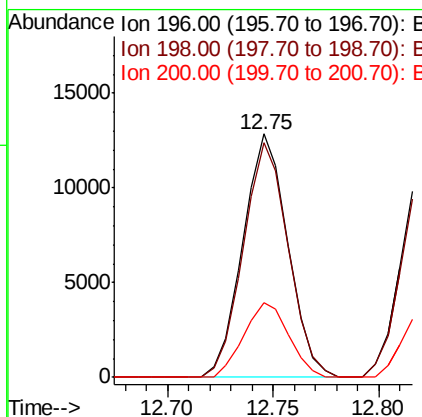
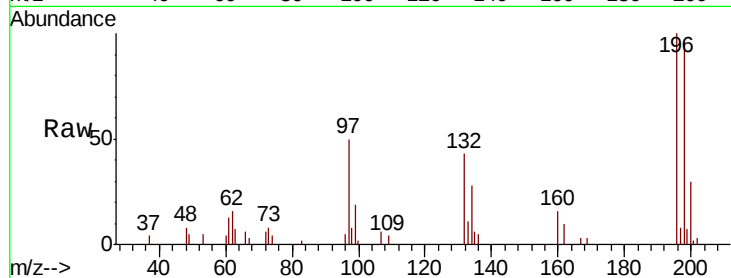




#43  
 2,4,6-Trichlorophenol  
 Concen: 42.288 ng  
 RT: 12.75 min Scan# 1659  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

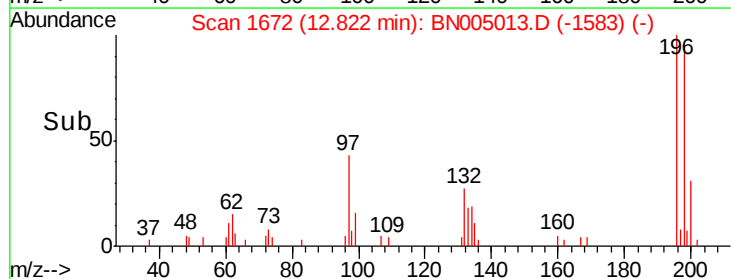
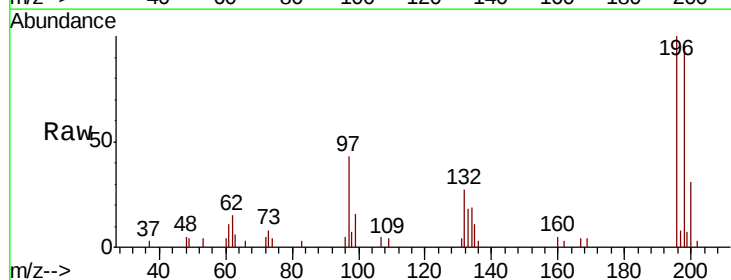
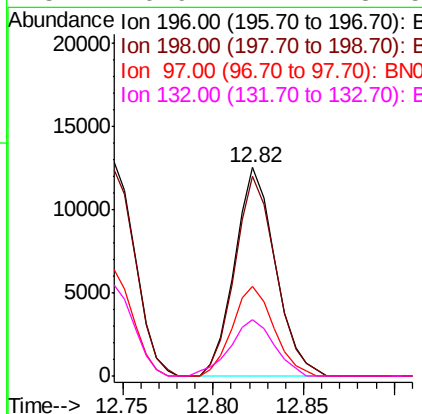
Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:196 Resp: 18963  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 76.5 114.7  
 200 30.5 24.0 36.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.232 ng  
 RT: 12.82 min Scan# 1672  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:196 Resp: 19654  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 76.1 114.1  
 97 43.0 34.8 52.2  
 132 26.9 21.7 32.5

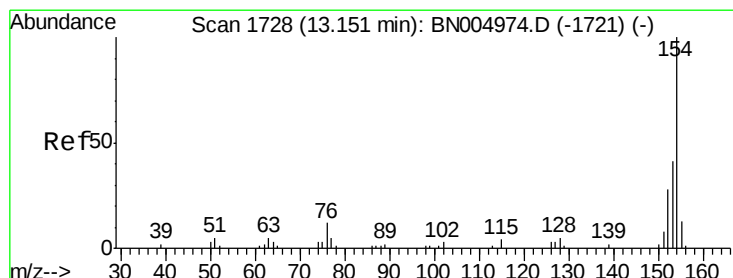
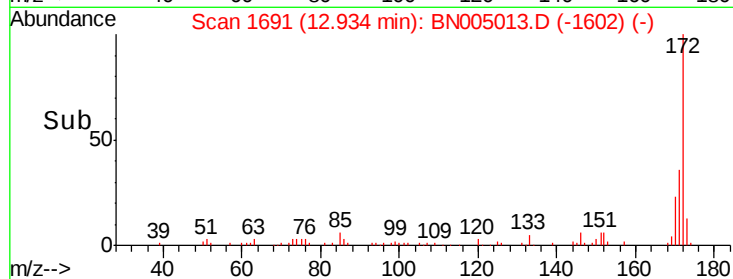
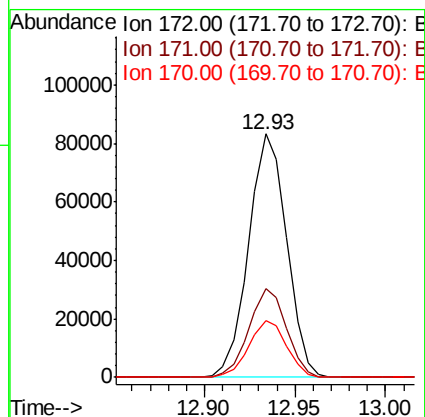
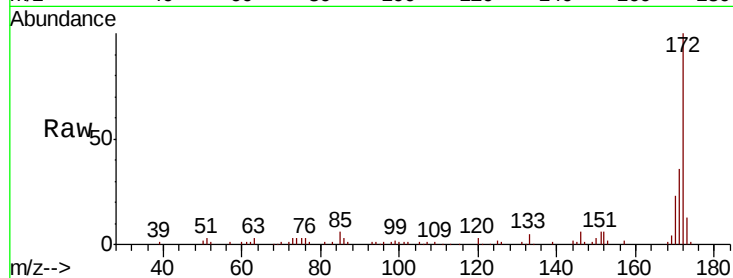




#45  
 2-Fluorobiphenyl  
 Concen: 78.841 ng  
 RT: 12.93 min Scan# 1691  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

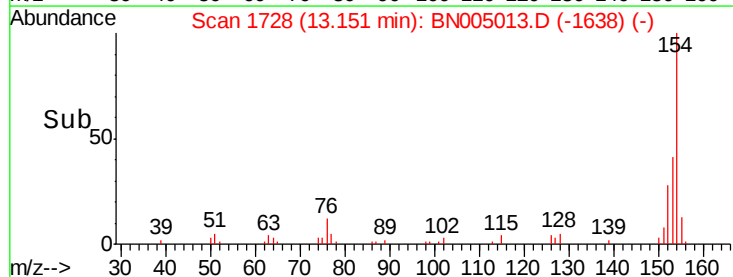
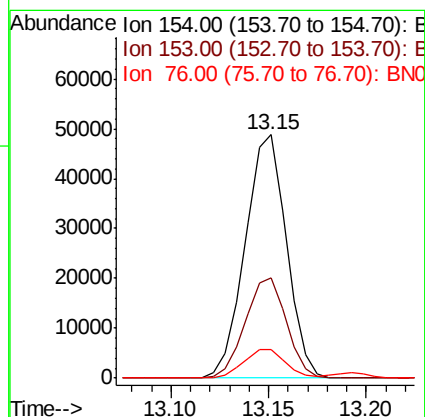
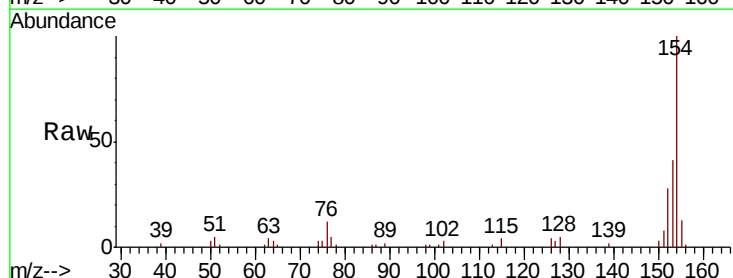
Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

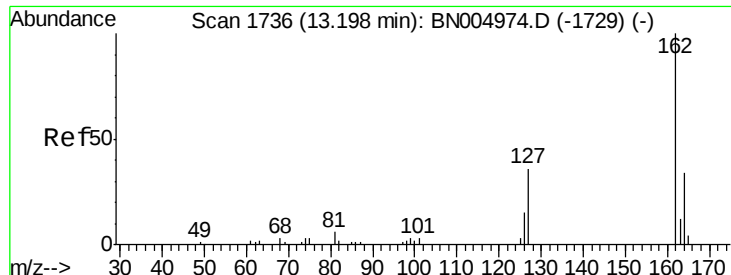
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 172   | Resp: | 121225 |
| Ion      | Ratio | Lower | Upper  |
| 172      | 100   |       |        |
| 171      | 36.3  | 28.6  | 42.8   |
| 170      | 23.4  | 18.9  | 28.3   |



#46  
 1,1'-Biphenyl  
 Concen: 41.393 ng  
 RT: 13.15 min Scan# 1728  
 Delta R.T. 0.00 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 154   | Resp: | 71380 |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 41.1  | 21.2  | 61.2  |
| 76       | 11.6  | 0.0   | 32.2  |

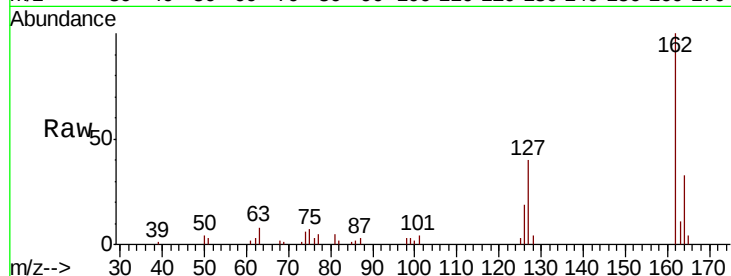




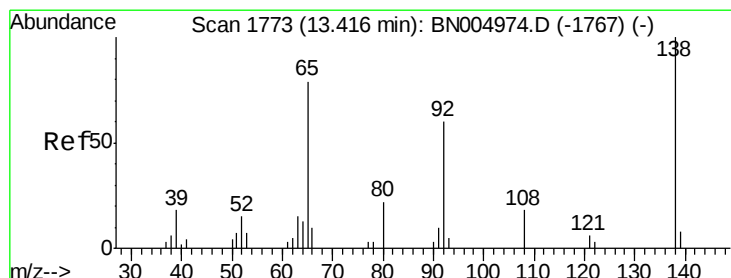
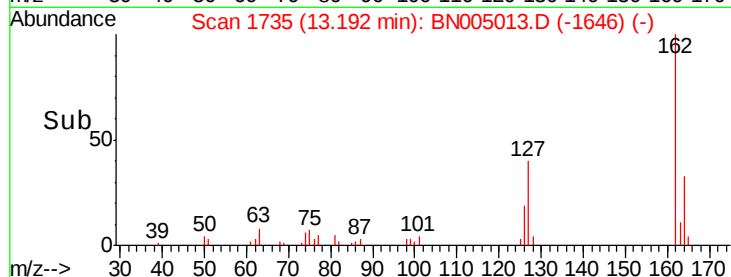
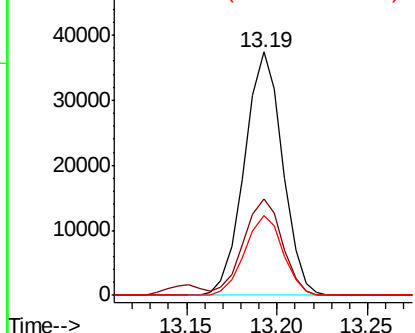
#47  
 2-Chloronaphthalene  
 Concen: 41.395 ng  
 RT: 13.19 min Scan# 1735  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion: 162 Resp: 54779  
 Ion Ratio Lower Upper  
 162 100  
 127 39.8 32.4 48.6  
 164 32.7 26.8 40.2

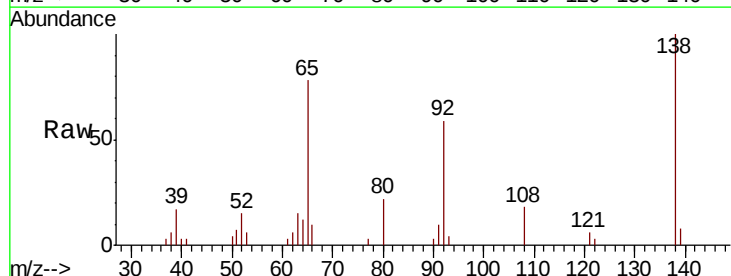


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

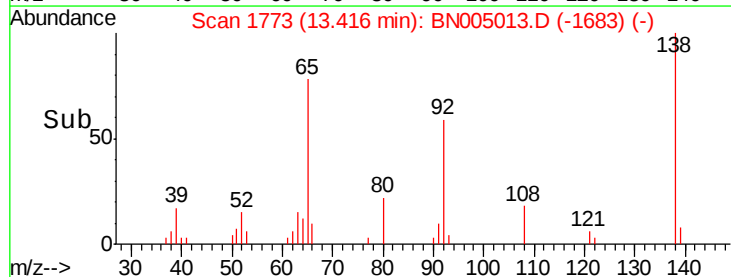
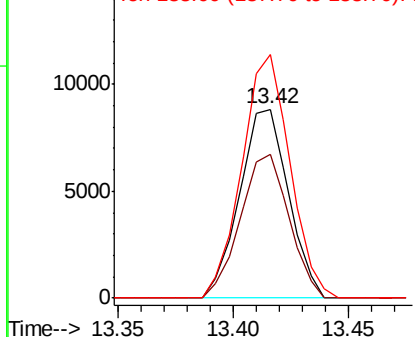


#48  
 2-Nitroaniline  
 Concen: 37.077 ng  
 RT: 13.42 min Scan# 1773  
 Delta R.T. 0.00 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion: 65 Resp: 13061  
 Ion Ratio Lower Upper  
 65 100  
 92 76.0 60.2 90.4  
 138 128.9 101.1 151.7



Abundance Ion 65.00 (64.70 to 65.70): BNC  
 Ion 92.00 (91.70 to 92.70): BNC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.787 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

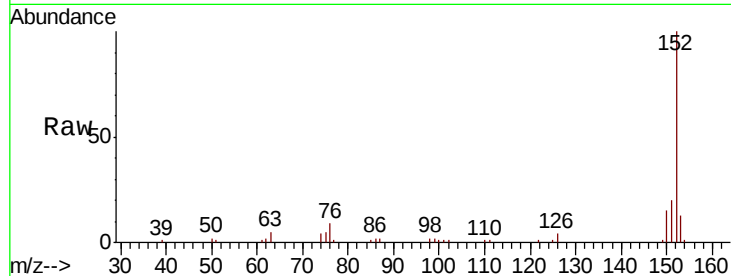
Tgt Ion:152 Resp: 86330

Ion Ratio Lower Upper

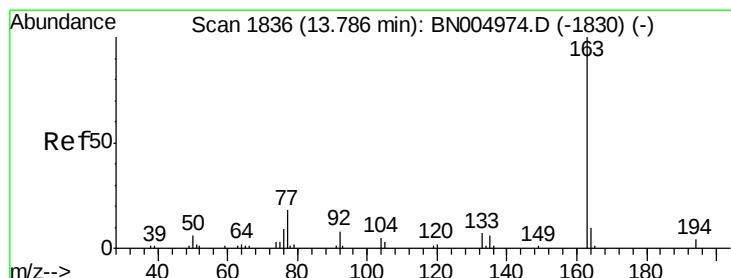
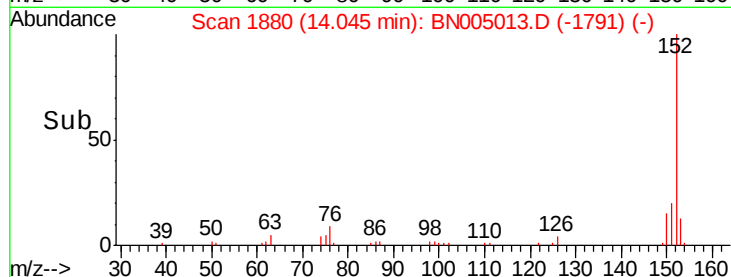
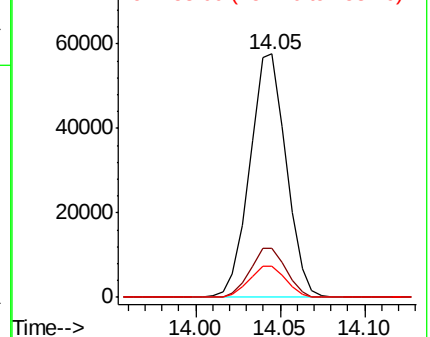
152 100

151 20.4 16.2 24.2

153 13.0 10.3 15.5



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



#50

Dimethylphthalate

Concen: 38.286 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

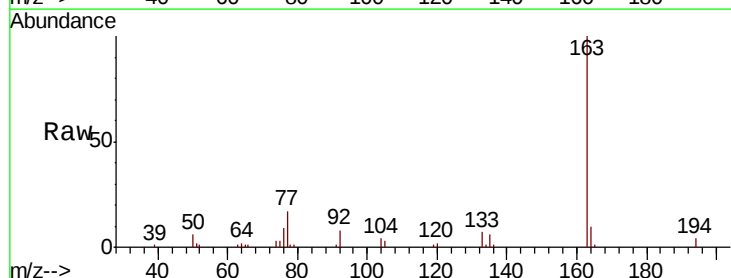
Tgt Ion:163 Resp: 64089

Ion Ratio Lower Upper

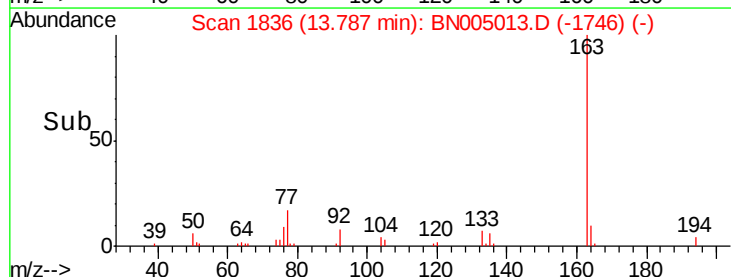
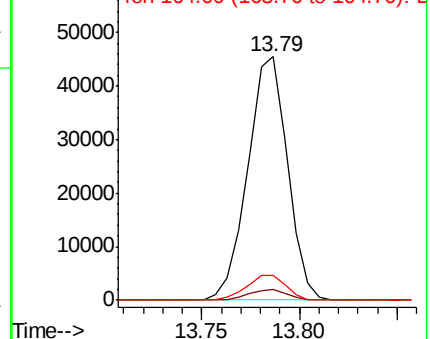
163 100

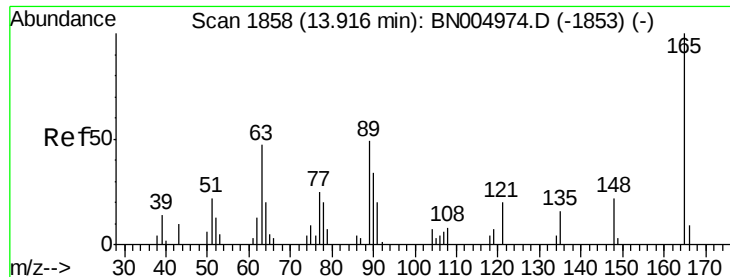
194 4.4 3.4 5.0

164 10.0 8.3 12.5



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

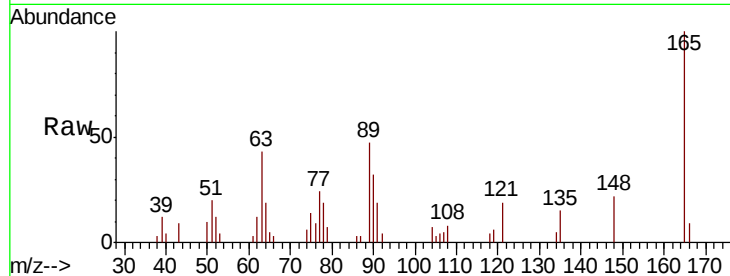




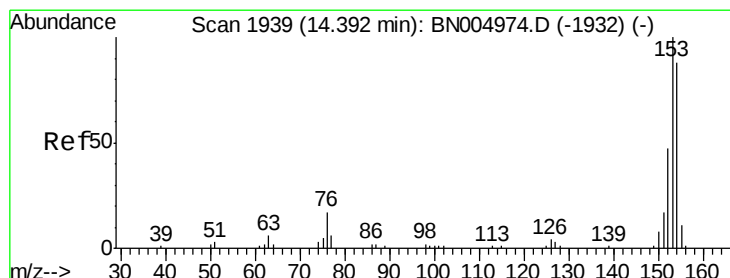
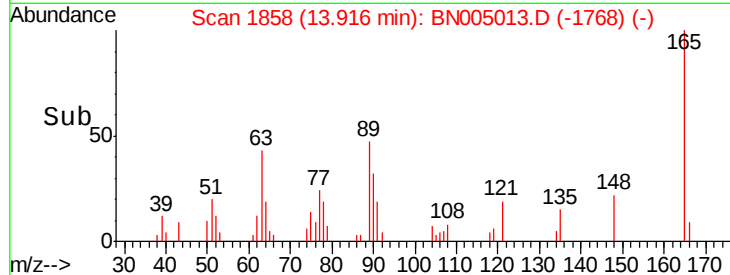
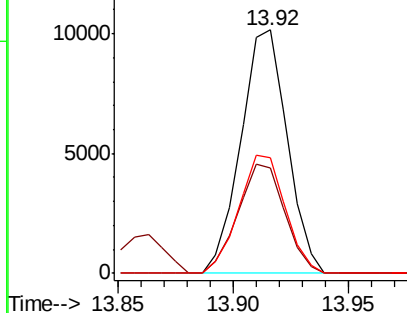
#51  
 2,6-Dinitrotoluene  
 Concen: 37.358 ng  
 RT: 13.92 min Scan# 1858  
 Delta R.T. 0.00 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:165 Resp: 14230  
 Ion Ratio Lower Upper  
 165 100  
 63 43.0 37.3 55.9  
 89 47.5 39.2 58.8

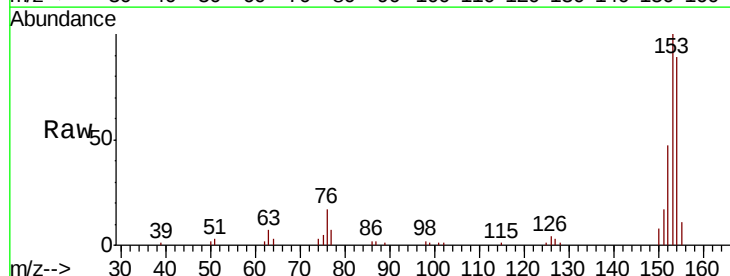


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BNC  
 Ion 89.00 (88.70 to 89.70): BNC

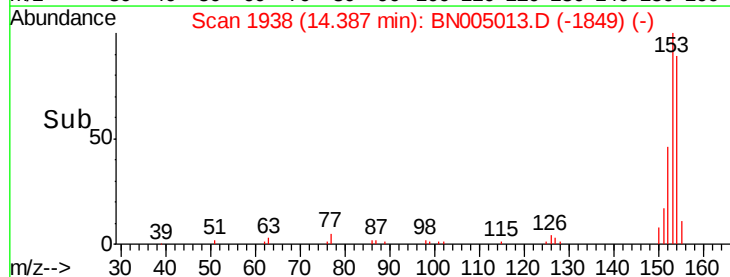
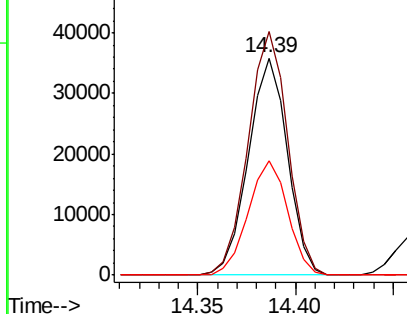


#52  
 Acenaphthene  
 Concen: 39.598 ng  
 RT: 14.39 min Scan# 1938  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:154 Resp: 49579  
 Ion Ratio Lower Upper  
 154 100  
 153 112.2 91.0 136.4  
 152 52.5 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

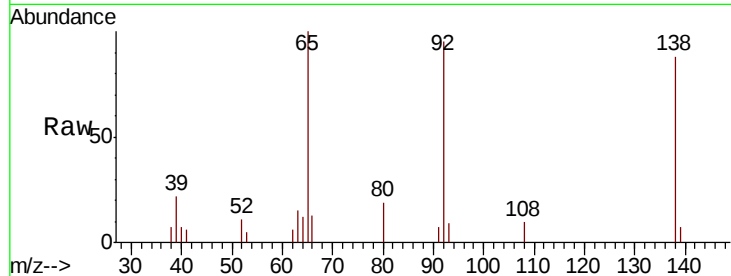




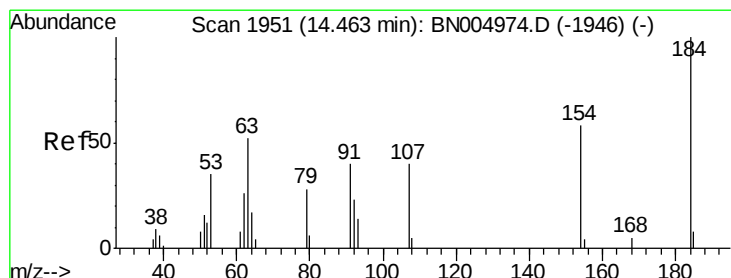
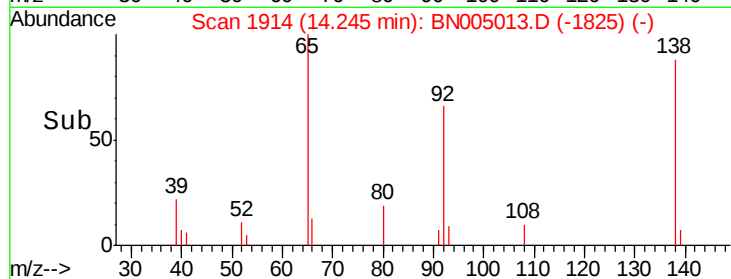
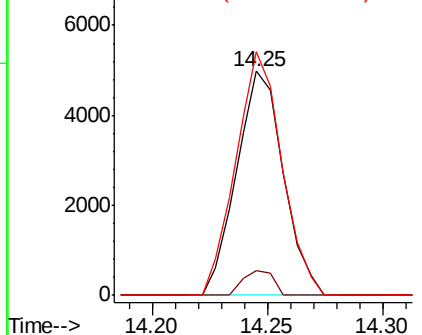
#53  
 3-Nitroaniline  
 Concen: 18.055 ng  
 RT: 14.25 min Scan# 1914  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:138 Resp: 7029  
 Ion Ratio Lower Upper  
 138 100  
 108 11.1 8.6 12.8  
 92 108.8 86.9 130.3

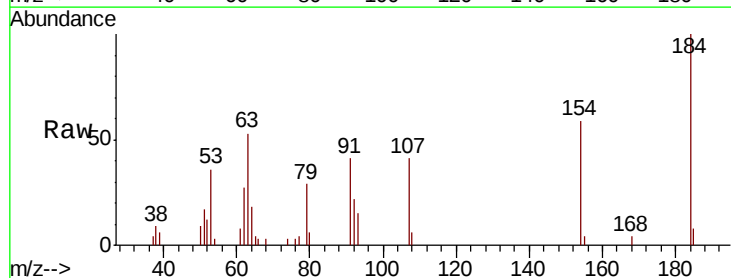


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BNO

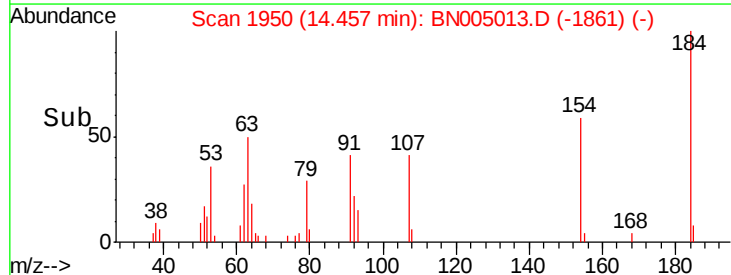
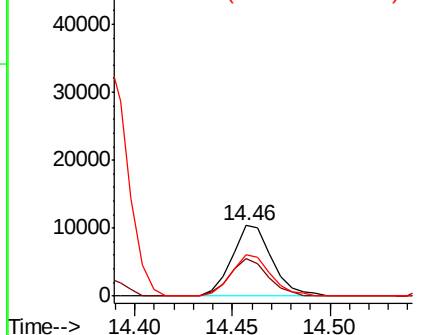


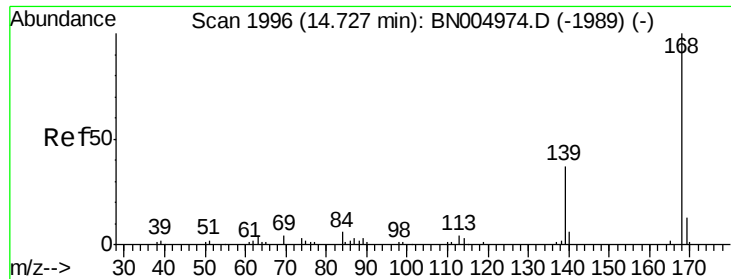
#54  
 2,4-Dinitrophenol  
 Concen: 66.192 ng  
 RT: 14.46 min Scan# 1950  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:184 Resp: 14727  
 Ion Ratio Lower Upper  
 184 100  
 63 52.8 41.6 62.4  
 154 59.2 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BNO  
 Ion 154.00 (153.70 to 154.70): E

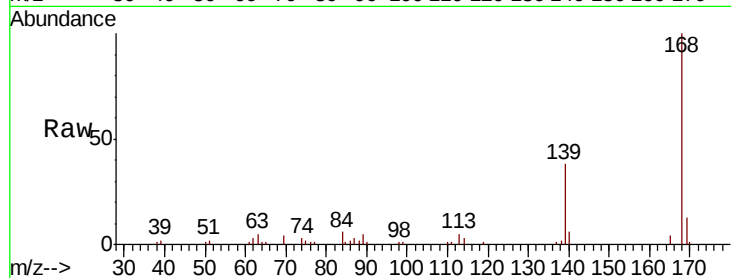




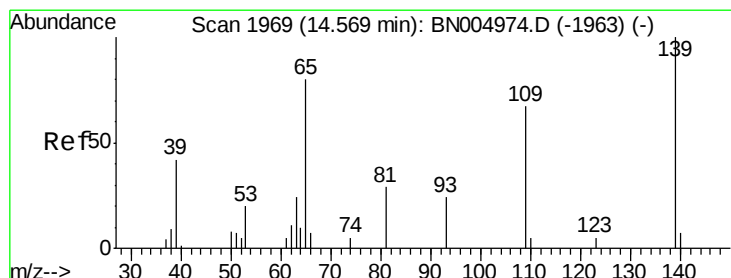
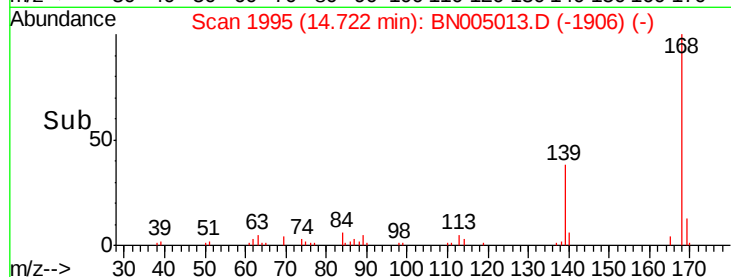
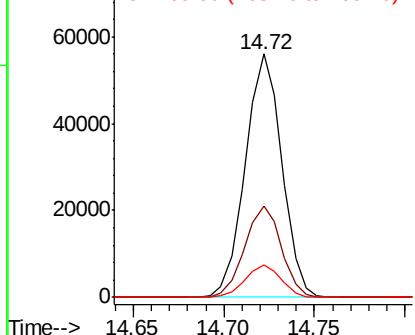
#55  
Dibenzofuran  
Concen: 39.290 ng  
RT: 14.72 min Scan# 1995  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

Tgt Ion:168 Resp: 78279  
Ion Ratio Lower Upper  
168 100  
139 37.7 29.9 44.9  
169 13.3 10.6 15.8

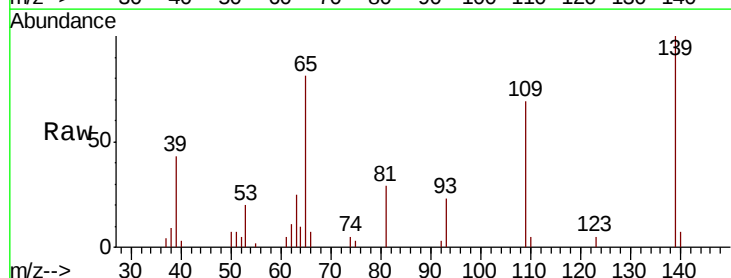


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

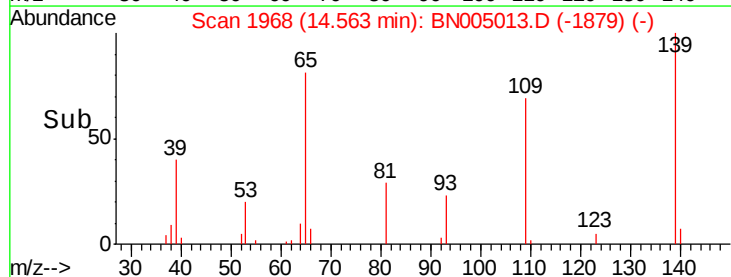
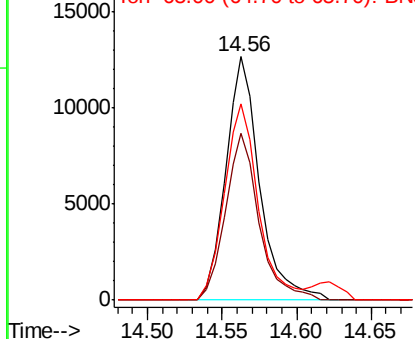


#56  
4-Nitrophenol  
Concen: 65.502 ng  
RT: 14.56 min Scan# 1968  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Tgt Ion:139 Resp: 20089  
Ion Ratio Lower Upper  
139 100  
109 68.8 46.5 86.5  
65 80.7 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

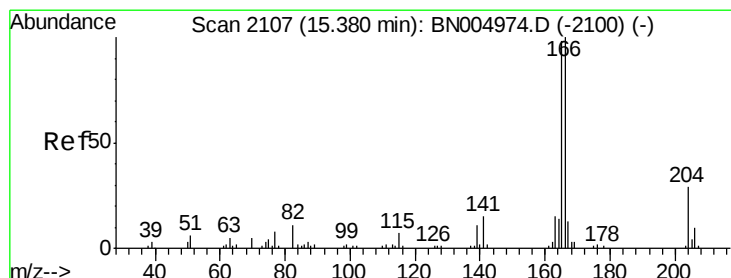
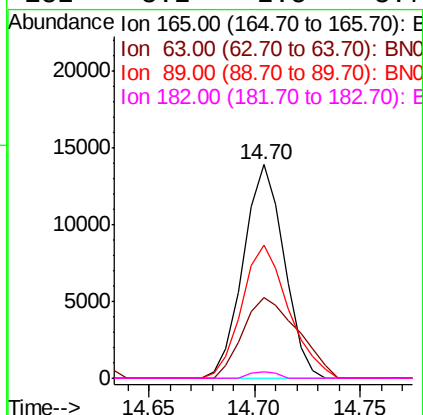
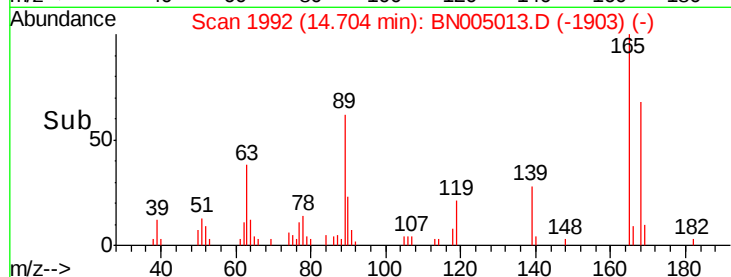
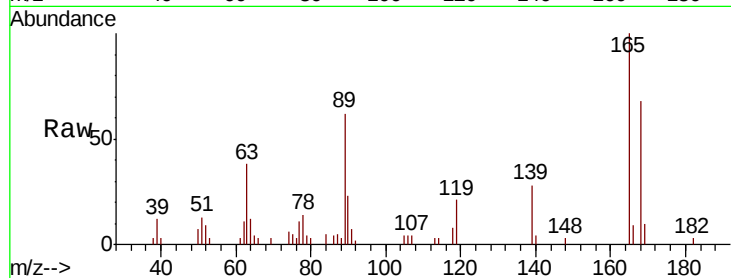




#57  
2,4-Dinitrotoluene  
Concen: 36.173 ng  
RT: 14.70 min Scan# 1992  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

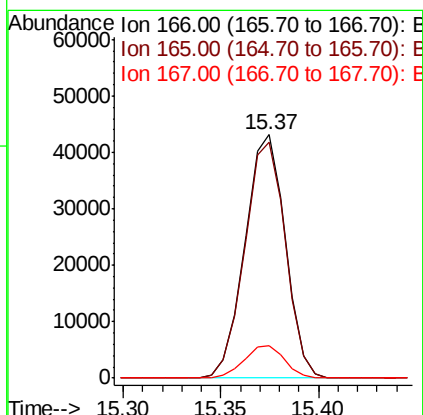
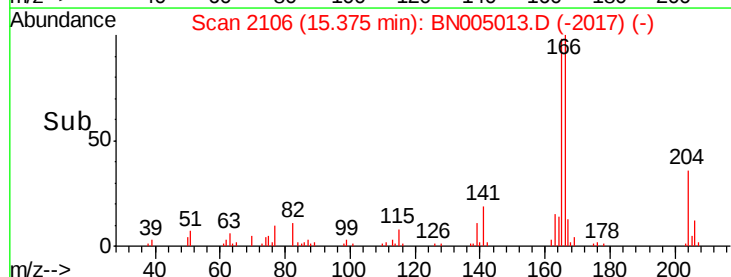
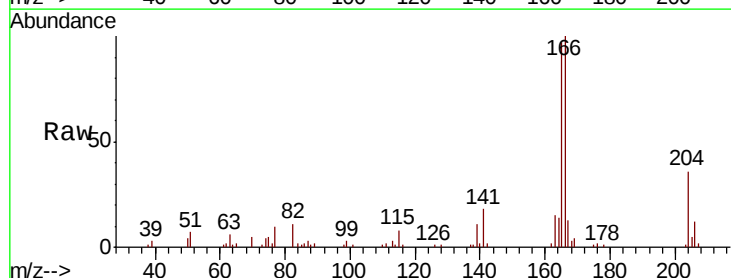
Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

Tgt Ion:165 Resp: 18725  
Ion Ratio Lower Upper  
165 100  
63 37.9 30.4 45.6  
89 62.1 50.7 76.1  
182 3.2 2.5 3.7



#58  
Fluorene  
Concen: 38.343 ng  
RT: 15.37 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Tgt Ion:166 Resp: 61711  
Ion Ratio Lower Upper  
166 100  
165 97.0 78.3 117.5  
167 13.2 10.6 15.8

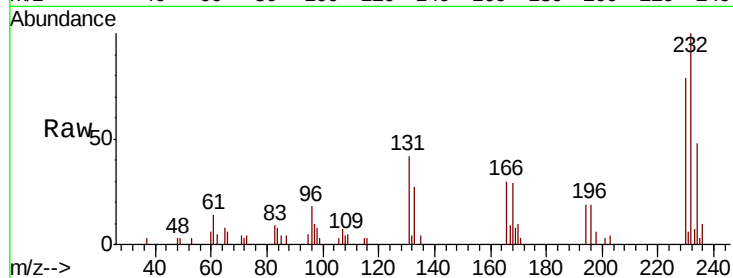




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.607 ng  
 RT: 14.95 min Scan# 2034  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 17487 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 40.4  | 32.4  | 48.6  |
| 130      | 0.0   | 0.9   | 1.3#  |
| 166      | 28.2  | 22.6  | 34.0  |



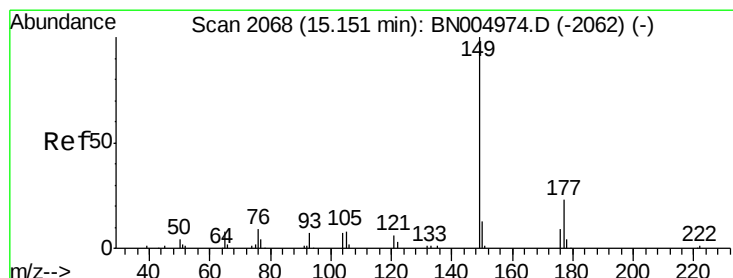
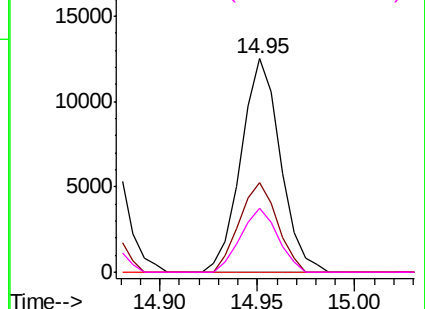
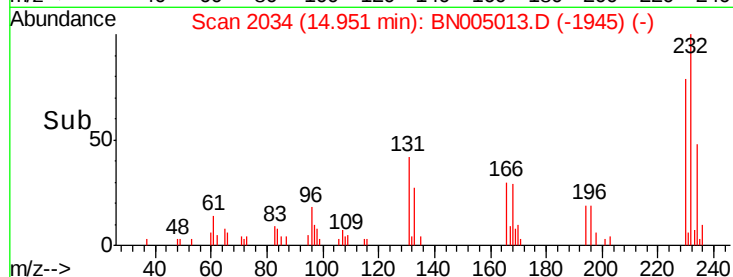
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

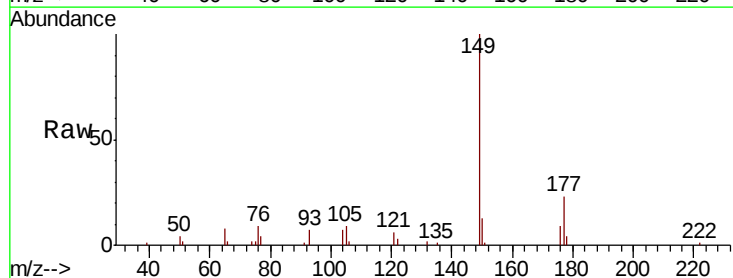
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 37.225 ng  
 RT: 15.15 min Scan# 2067  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 62181 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 22.5  | 18.1  | 27.1  |
| 150      | 12.7  | 10.1  | 15.1  |

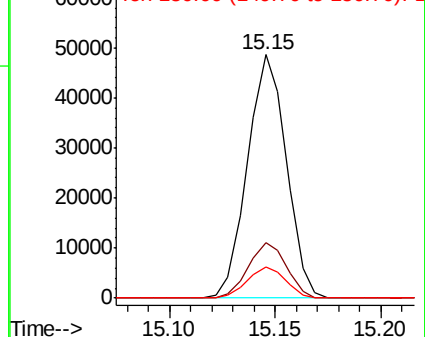
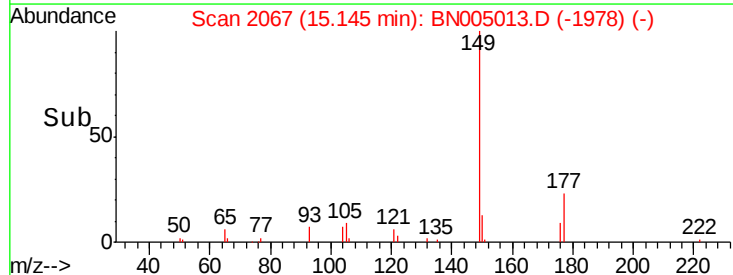


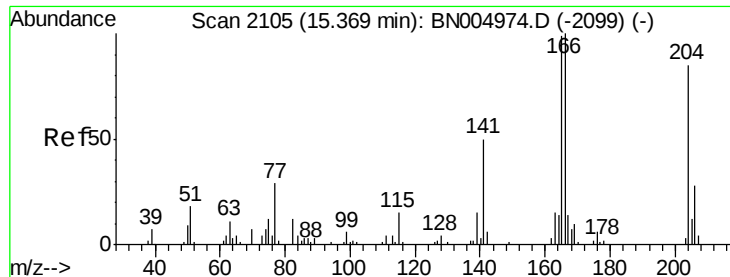
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

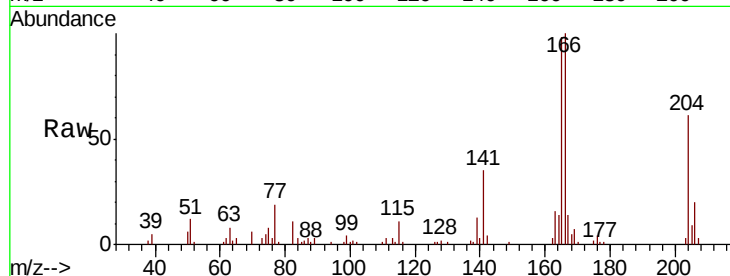




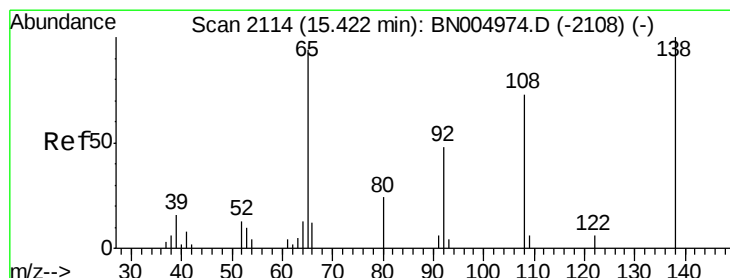
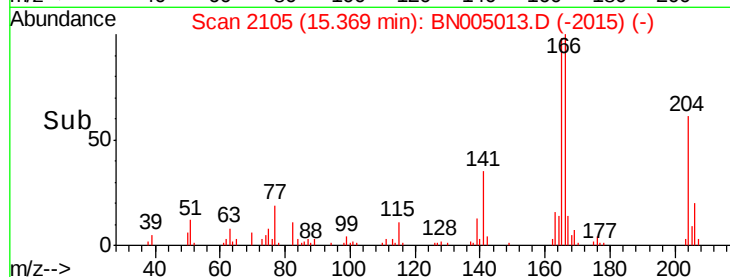
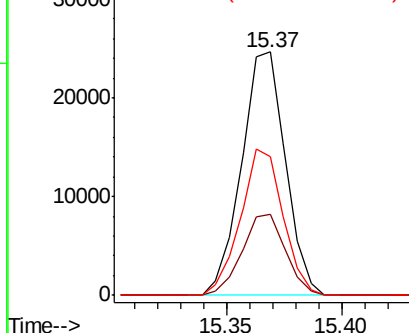
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.333 ng  
 RT: 15.37 min Scan# 2105  
 Delta R.T. 0.00 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:204 Resp: 32657  
 Ion Ratio Lower Upper  
 204 100  
 206 33.1 26.5 39.7  
 141 56.9 47.2 70.8

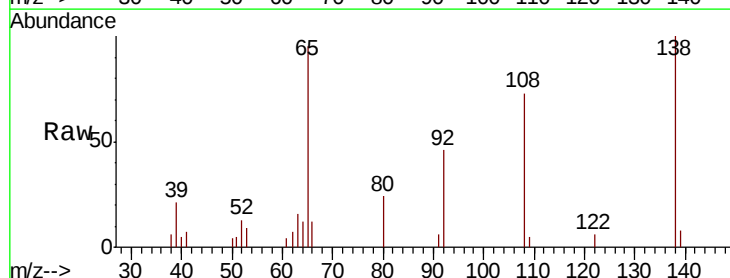


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

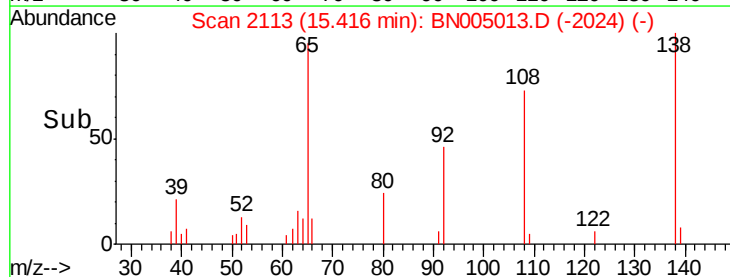
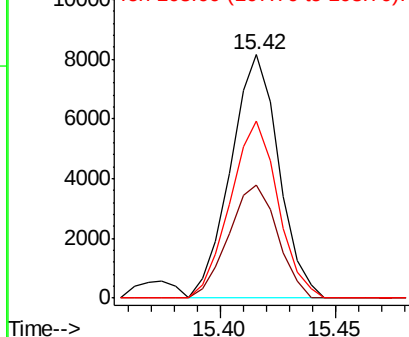


#62  
 4-Nitroaniline  
 Concen: 30.249 ng  
 RT: 15.42 min Scan# 2113  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:138 Resp: 11832  
 Ion Ratio Lower Upper  
 138 100  
 92 46.4 26.4 66.4  
 108 73.0 50.8 90.8



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

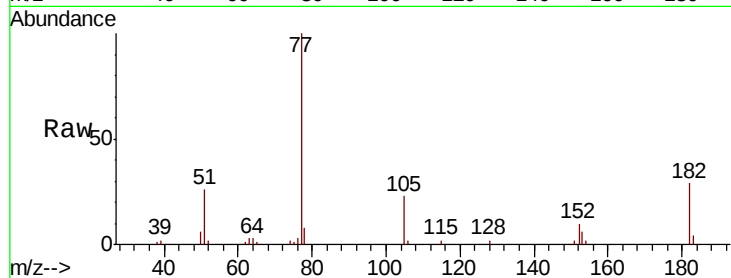




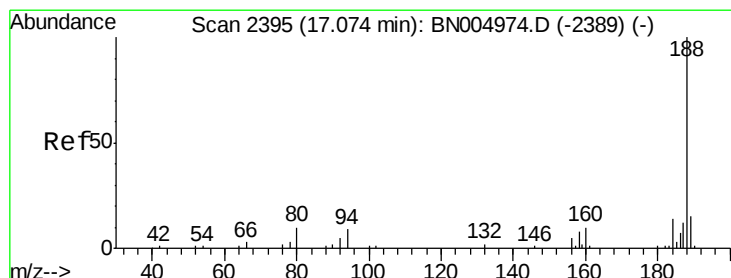
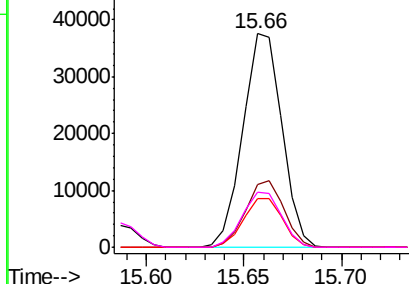
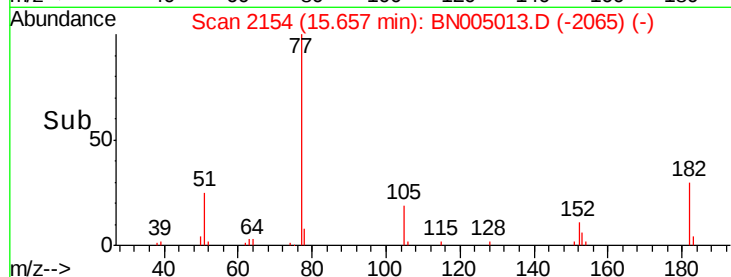
#63  
Azobenzene  
Concen: 37.563 ng  
RT: 15.66 min Scan# 2154  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

Tgt Ion: 77 Resp: 52231  
Ion Ratio Lower Upper  
77 100  
182 29.4 10.0 50.0  
105 22.8 2.9 42.9  
51 26.0 6.0 46.0

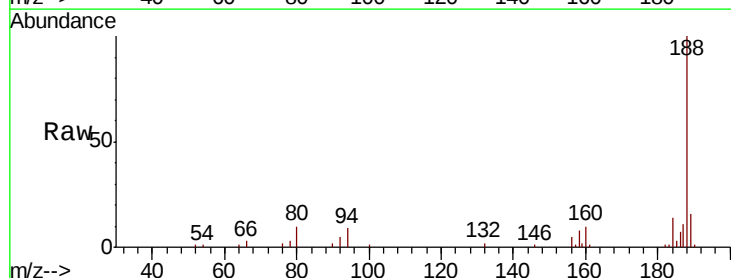


Abundance Ion 77.00 (76.70 to 77.70): BNC  
Ion 182.00 (181.70 to 182.70): BNC  
Ion 105.00 (104.70 to 105.70): BNC  
Ion 51.00 (50.70 to 51.70): BNC

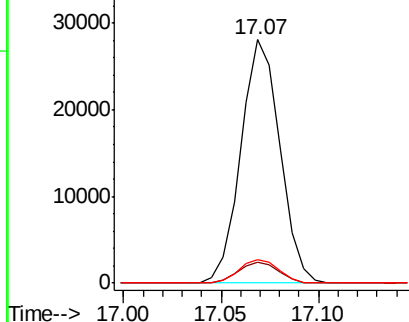
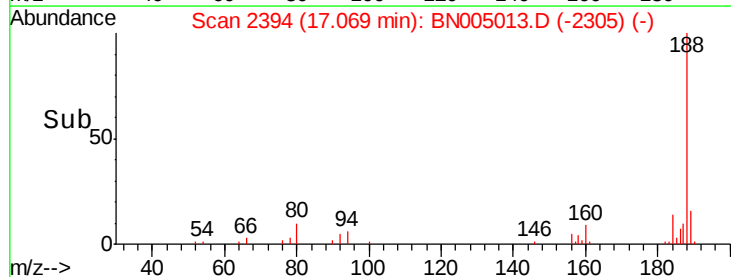


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.07 min Scan# 2394  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Tgt Ion: 188 Resp: 38938  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.2 10.8  
80 9.9 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

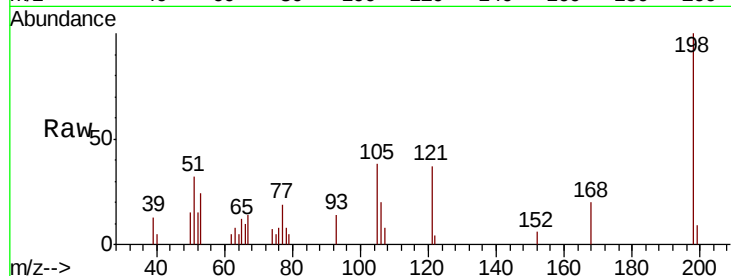




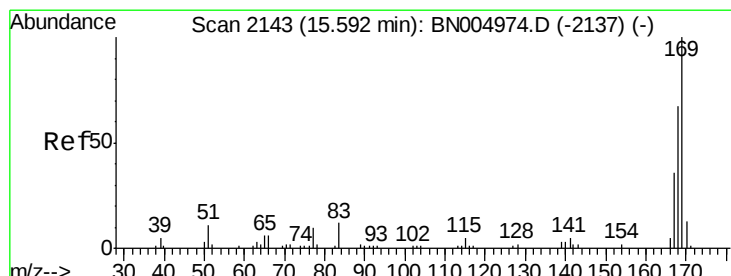
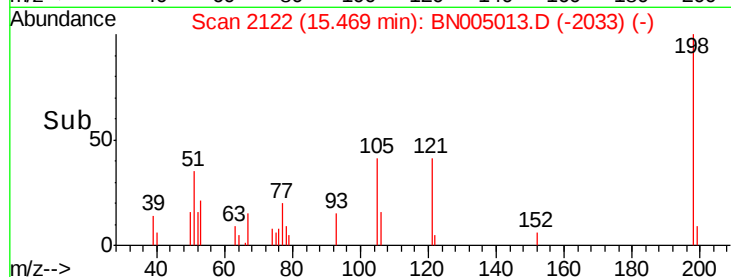
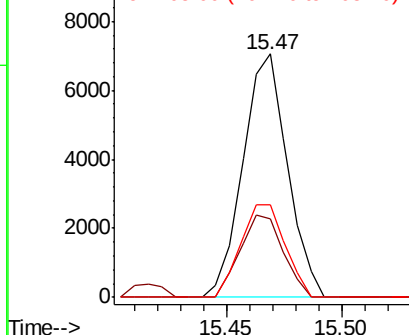
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.960 ng  
 RT: 15.47 min Scan# 2122  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:198 Resp: 9471  
 Ion Ratio Lower Upper  
 198 100  
 51 32.3 12.0 52.0  
 105 37.9 17.6 57.6

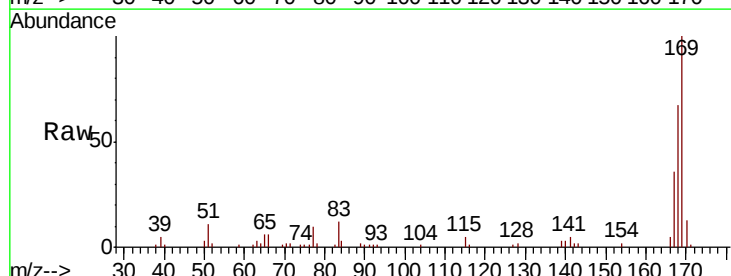


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): B  
 Ion 105.00 (104.70 to 105.70): E

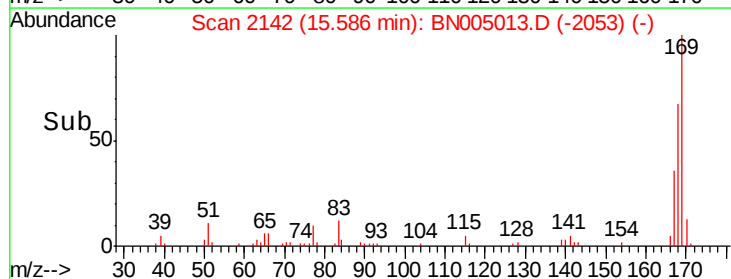
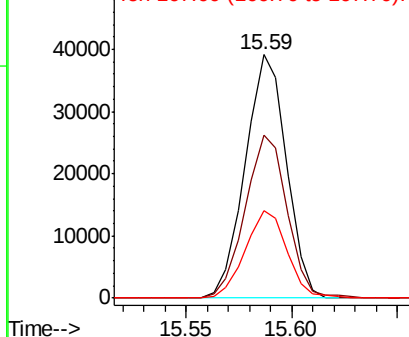


#66  
 n-Nitrosodiphenylamine  
 Concen: 43.250 ng  
 RT: 15.59 min Scan# 2142  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:169 Resp: 53047  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 53.4 80.2  
 167 36.0 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

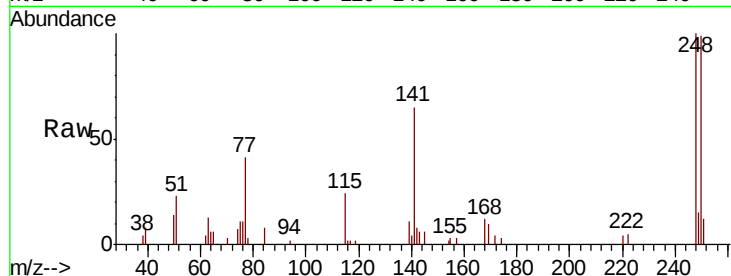




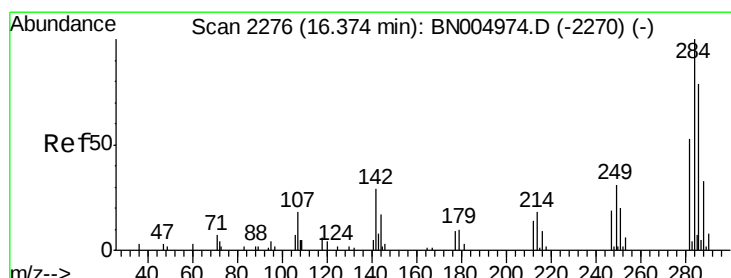
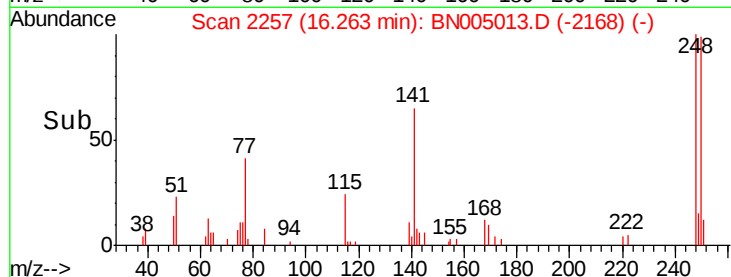
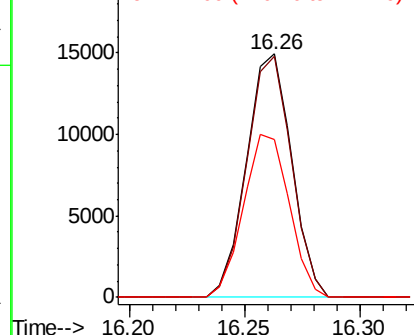
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.985 ng  
 RT: 16.26 min Scan# 2257  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion: 248 Resp: 20401  
 Ion Ratio Lower Upper  
 248 100  
 250 98.8 79.4 119.2  
 141 64.6 52.3 78.5

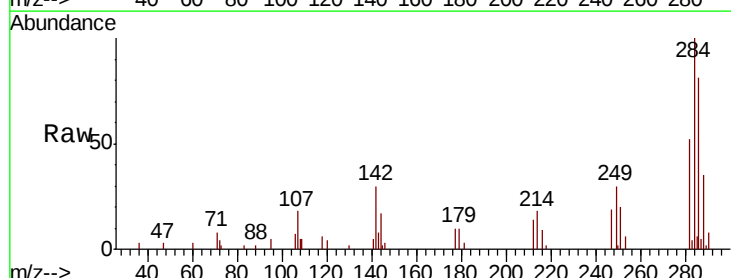


Abundance Ion 248.00 (247.70 to 248.70): E  
 20000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

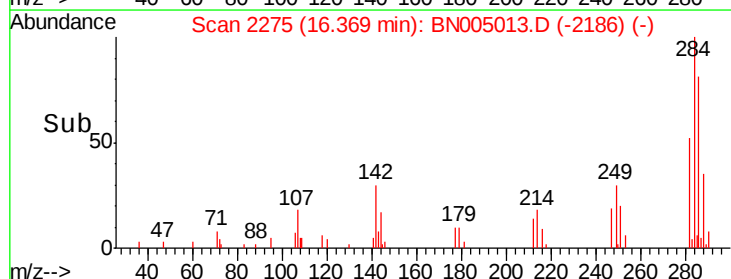
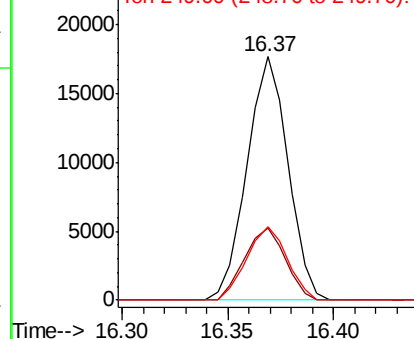


#68  
 Hexachlorobenzene  
 Concen: 41.828 ng  
 RT: 16.37 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion: 284 Resp: 23812  
 Ion Ratio Lower Upper  
 284 100  
 142 29.8 23.5 35.3  
 249 30.2 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E  
 20000 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.900 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

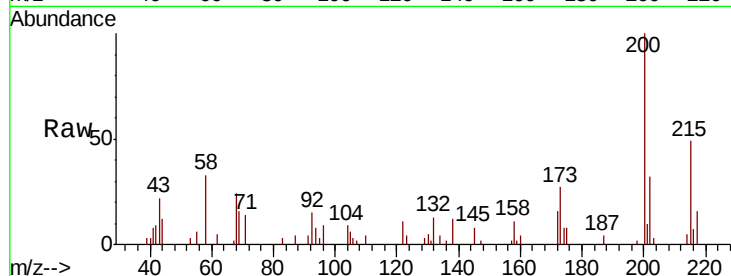
Tgt Ion:200 Resp: 17046

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

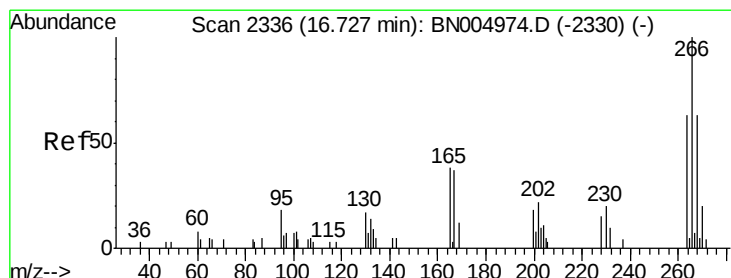
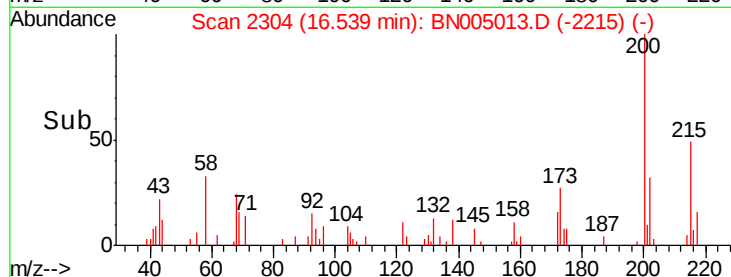
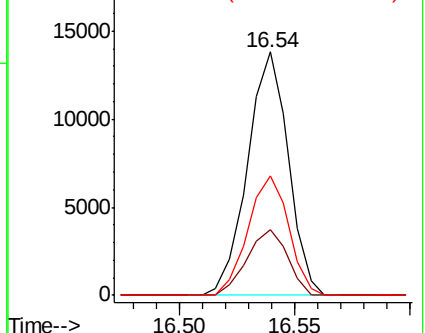
215 49.2 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.226 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

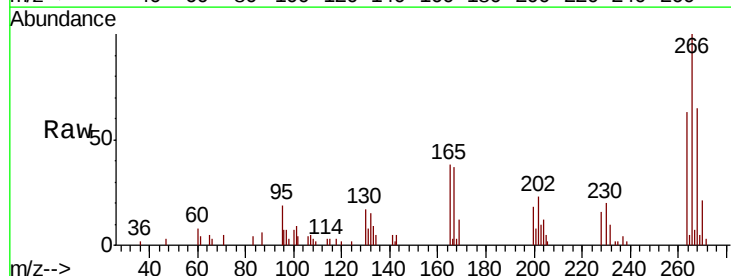
Tgt Ion:266 Resp: 22516

Ion Ratio Lower Upper

266 100

268 64.6 50.8 76.2

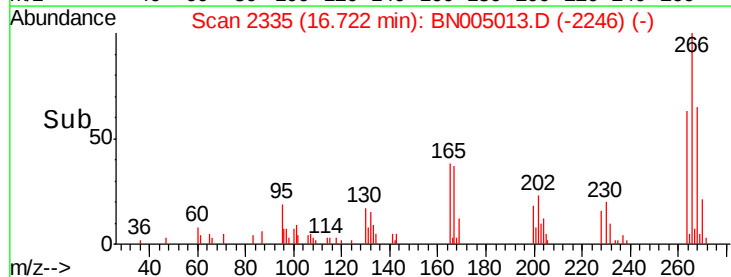
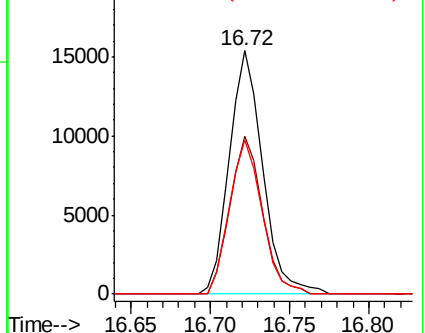
264 63.5 50.0 75.0

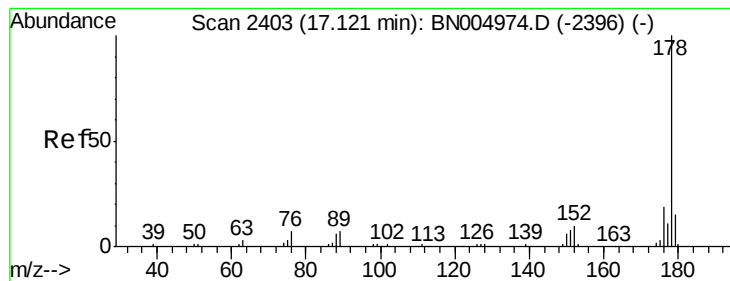


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.041 ng

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

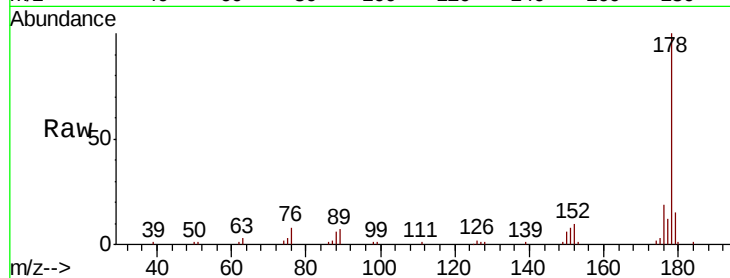
Tgt Ion:178 Resp: 87605

Ion Ratio Lower Upper

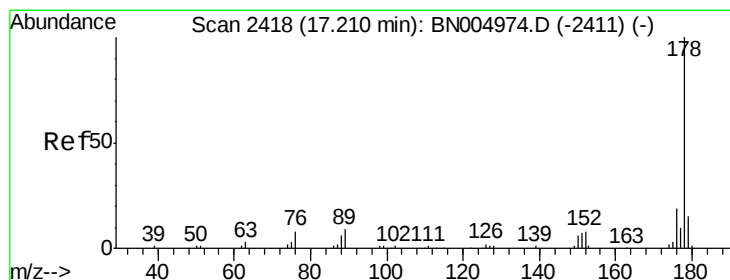
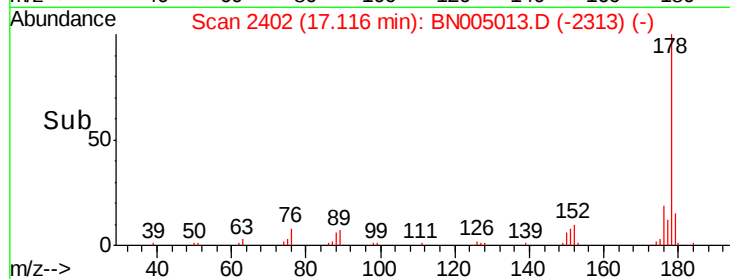
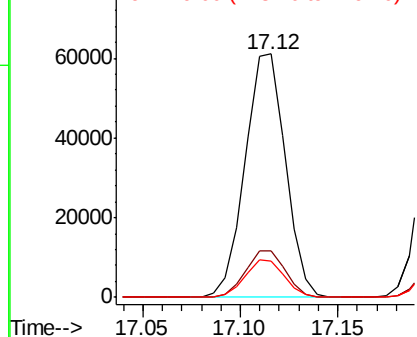
178 100

176 19.1 15.4 23.2

179 15.0 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.066 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

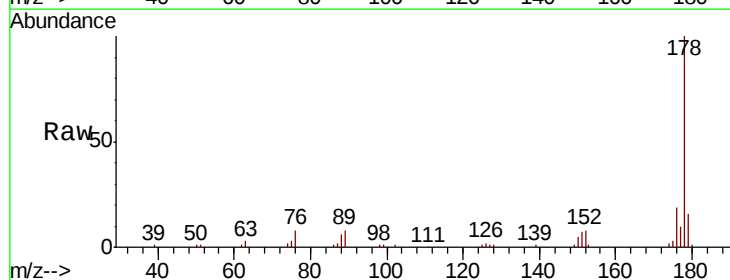
Tgt Ion:178 Resp: 89431

Ion Ratio Lower Upper

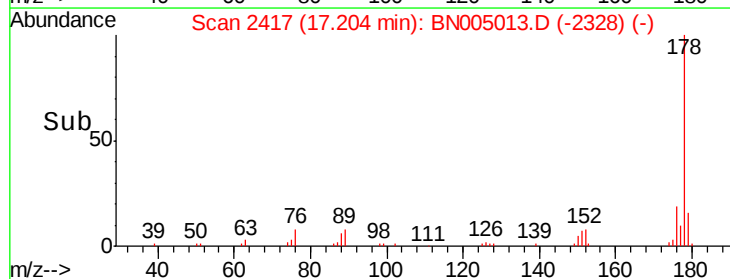
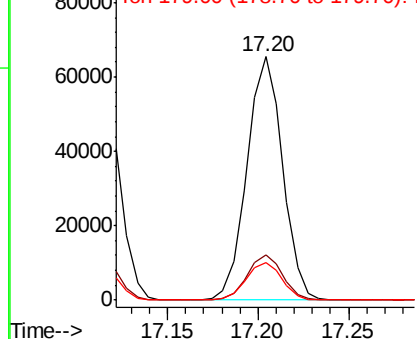
178 100

176 18.6 15.0 22.4

179 15.5 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

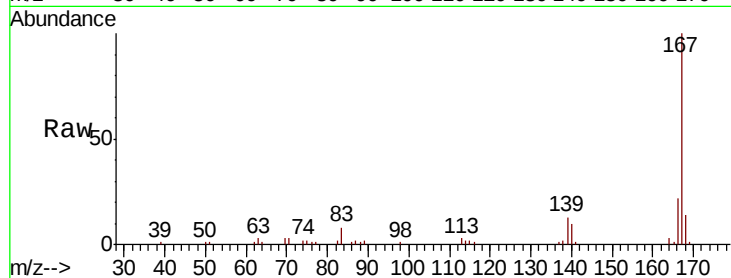




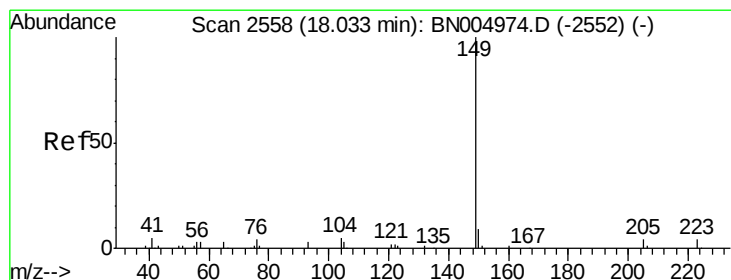
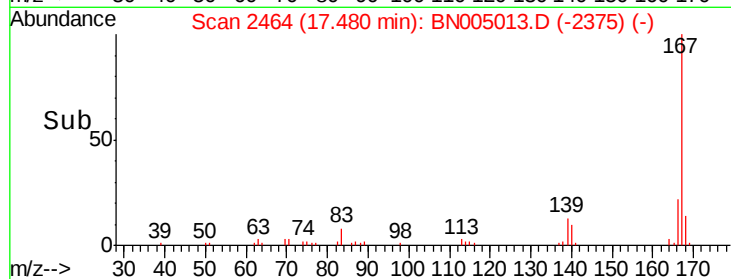
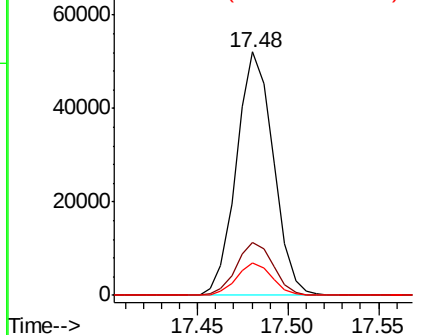
#73  
 Carbazole  
 Concen: 37.168 ng  
 RT: 17.48 min Scan# 2464  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion:167 Resp: 73675  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.8 26.8  
 139 13.2 10.6 16.0

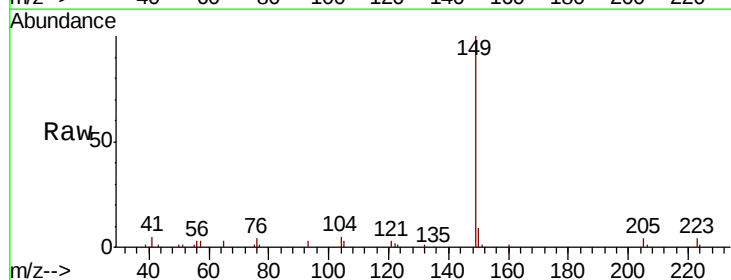


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

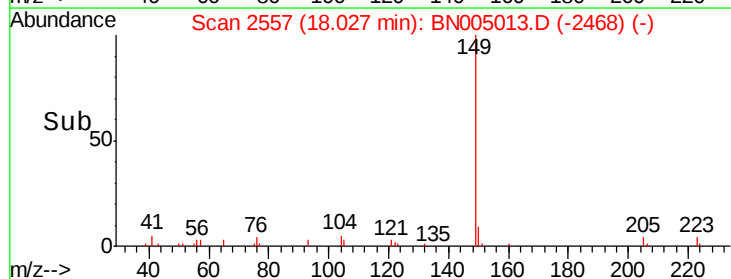
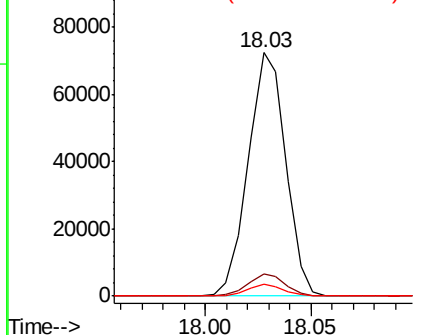


#74  
 Di-n-butylphthalate  
 Concen: 36.999 ng  
 RT: 18.03 min Scan# 2557  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion:149 Resp: 89342  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 4.7 3.7 5.5



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





#75

Fluoranthene

Concen: 35.397 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

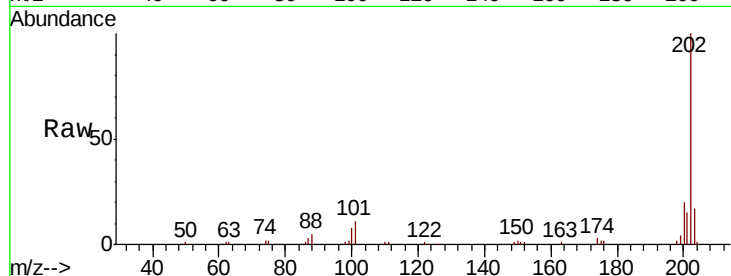
Tgt Ion:202 Resp: 88350

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.1

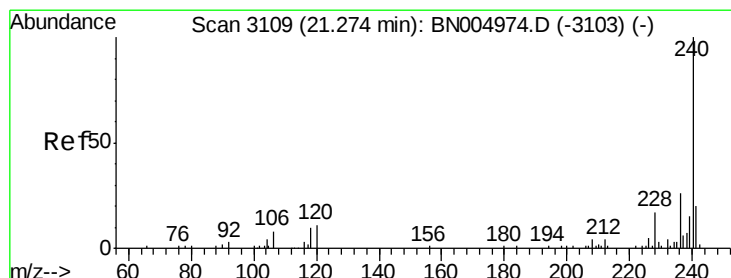
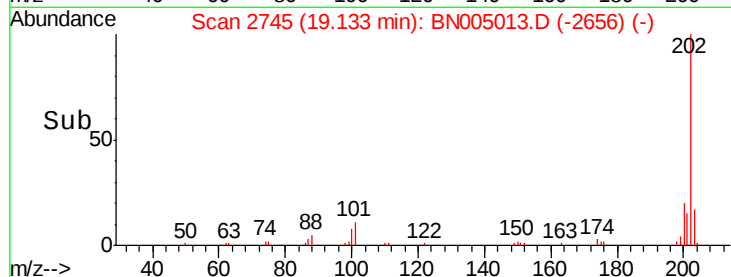
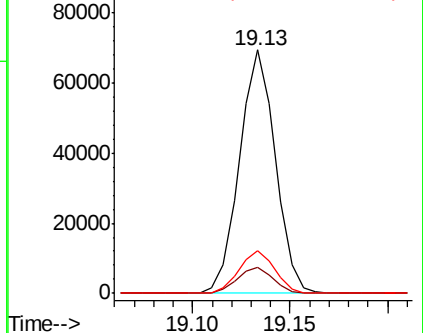
203 17.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

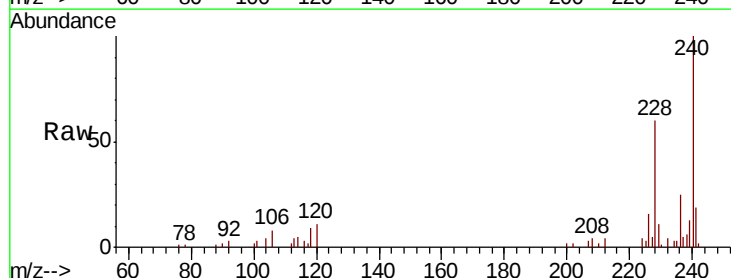
Tgt Ion:240 Resp: 30611

Ion Ratio Lower Upper

240 100

120 10.8 8.5 12.7

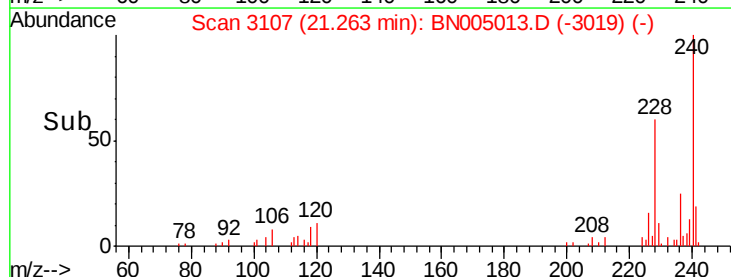
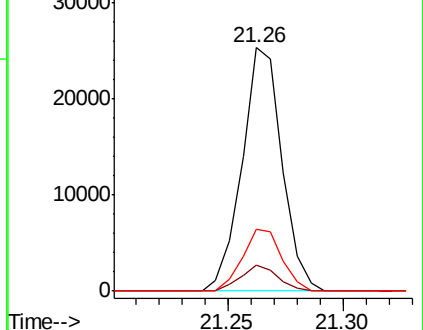
236 25.3 21.2 31.8



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: 36.346 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

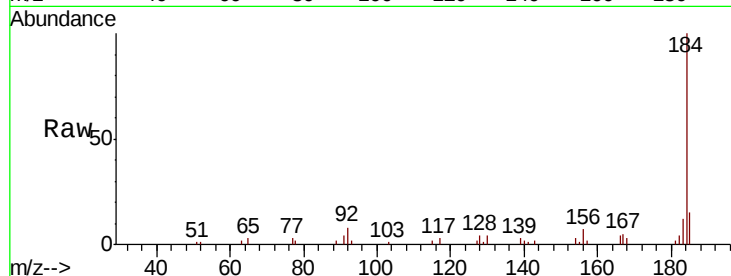
Tgt Ion:184 Resp: 34673

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.8

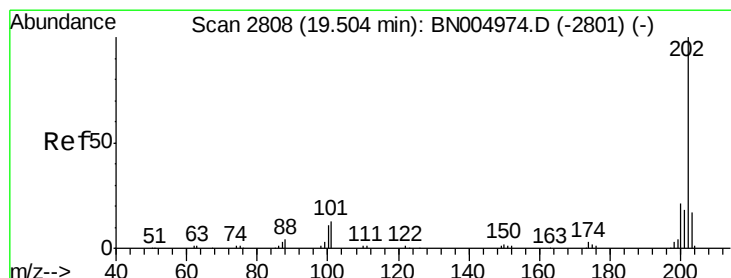
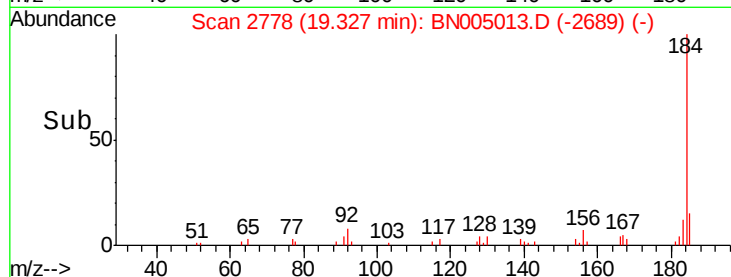
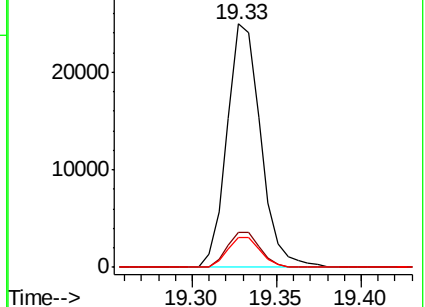
183 12.5 9.9 14.9



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: 43.180 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

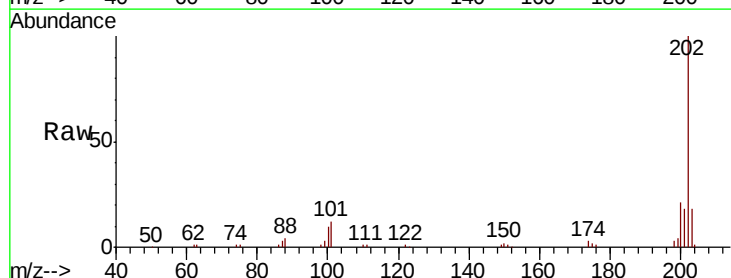
Tgt Ion:202 Resp: 88258

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

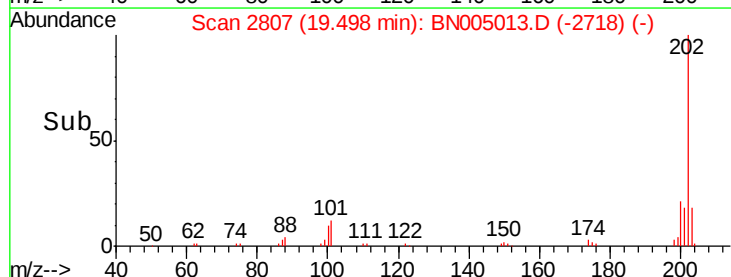
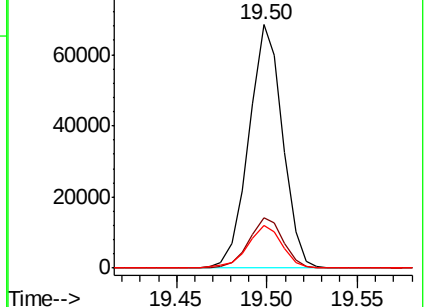
203 17.5 14.0 21.0



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

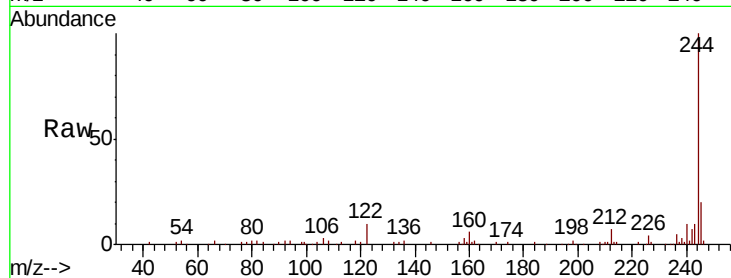




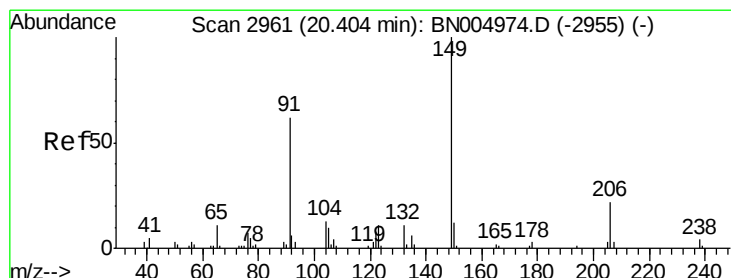
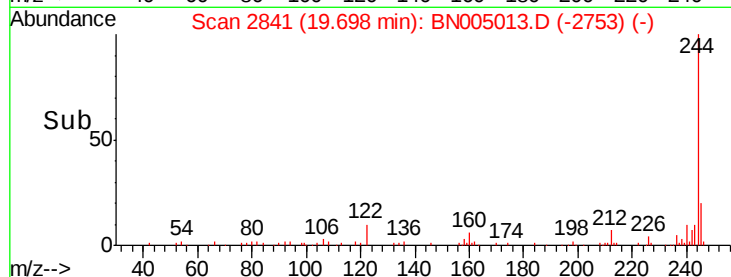
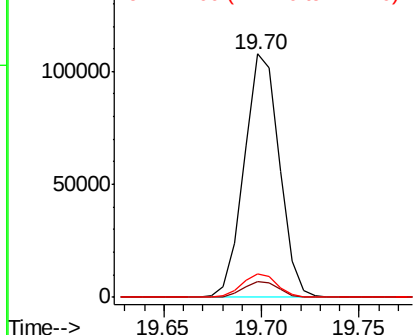
#79  
 Terphenyl-d14  
 Concen: 84.478 ng  
 RT: 19.70 min Scan# 2841  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion: 244 Resp: 134318  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 9.9 7.4 11.2

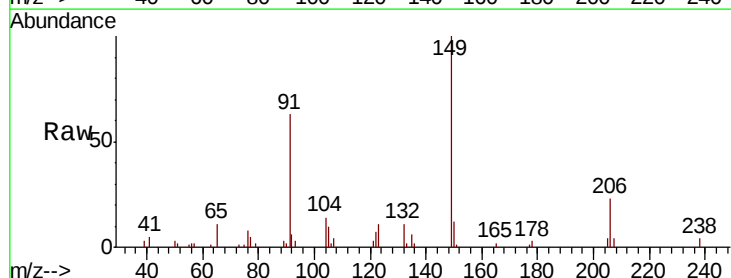


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

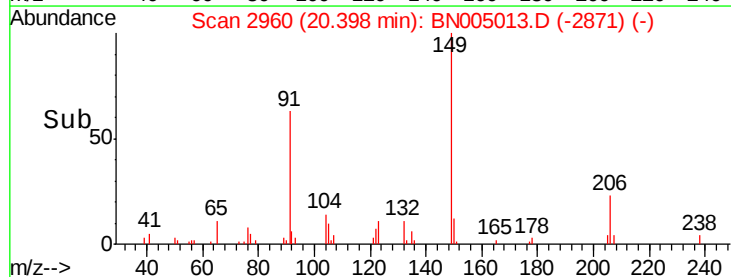
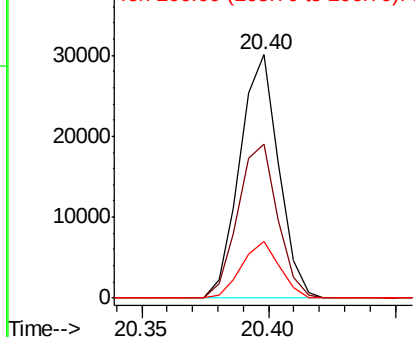


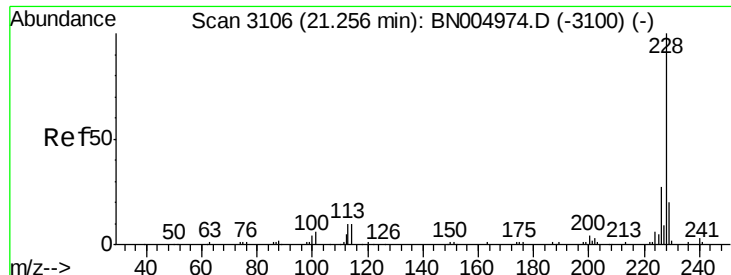
#80  
 Butylbenzylphthalate  
 Concen: 38.727 ng  
 RT: 20.40 min Scan# 2960  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion: 149 Resp: 32164  
 Ion Ratio Lower Upper  
 149 100  
 91 63.1 49.3 73.9  
 206 23.3 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: 38.538 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

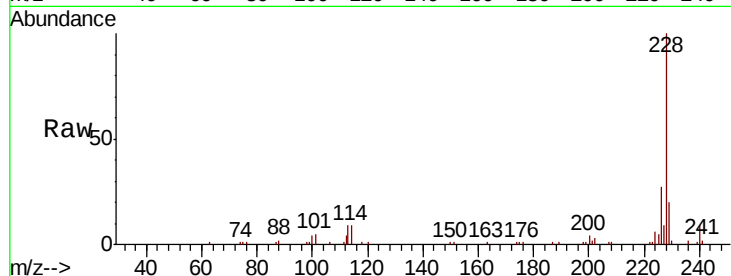
Tgt Ion:228 Resp: 73483

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

229 19.6 15.9 23.9

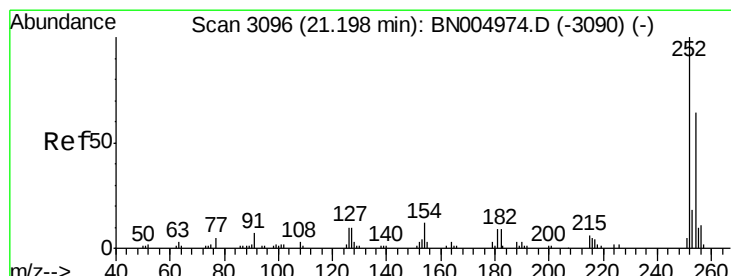
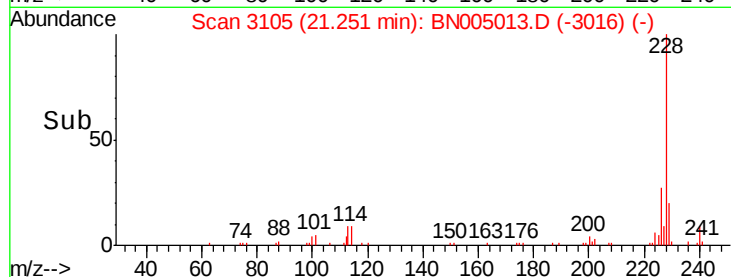
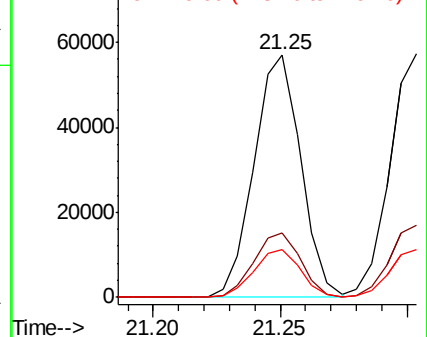


Abundance

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: 24.619 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

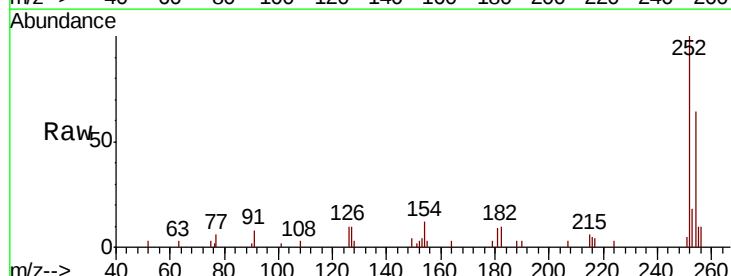
Tgt Ion:252 Resp: 17554

Ion Ratio Lower Upper

252 100

254 64.1 51.5 77.3

126 10.5 7.9 11.9

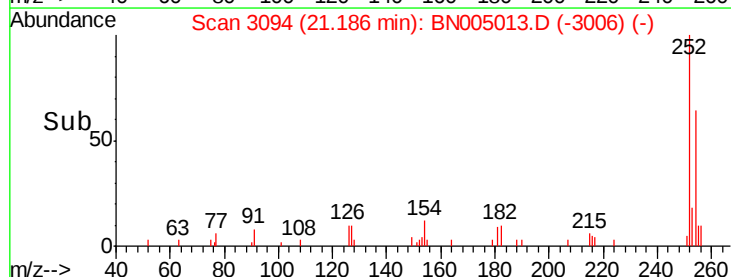
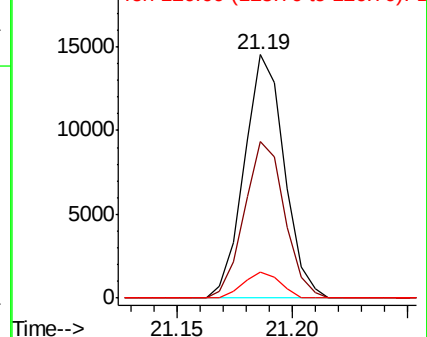


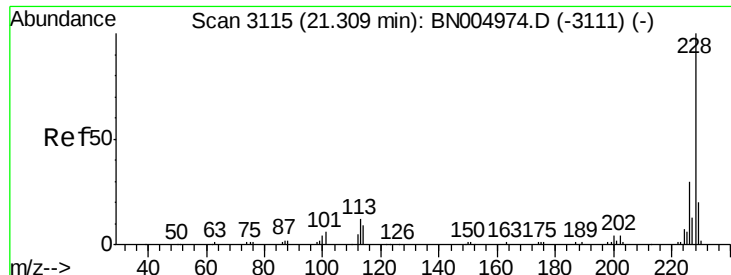
Abundance

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



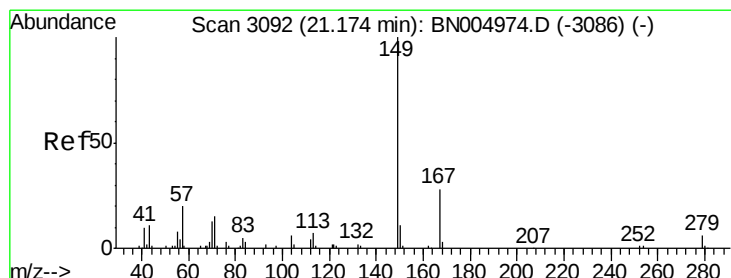
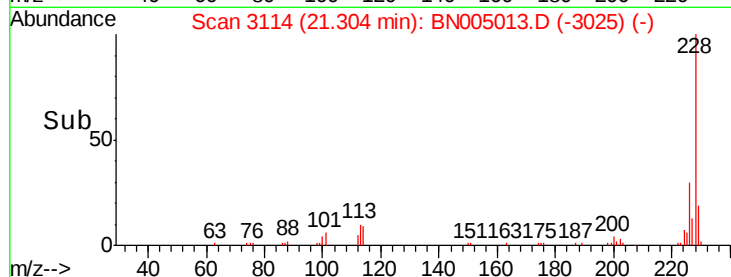
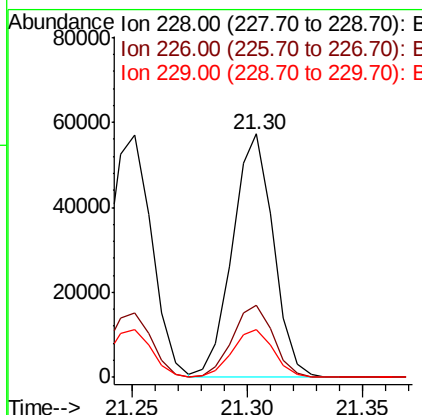
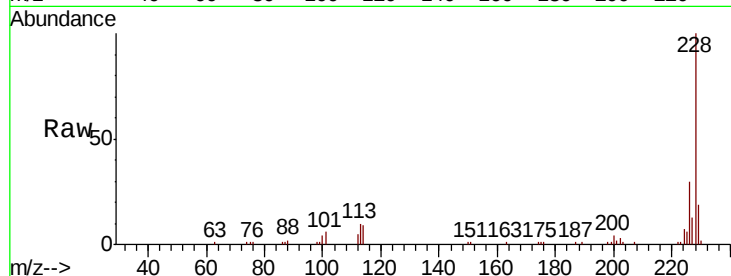


#83  
**Chrysene**  
 Concen: 38.675 ng  
 RT: 21.30 min Scan# 3114  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Instrument :  
 BNA\_N  
 ClientSampleId :  
 IDOC-S-04

Tgt Ion: 228 Resp: 70438  

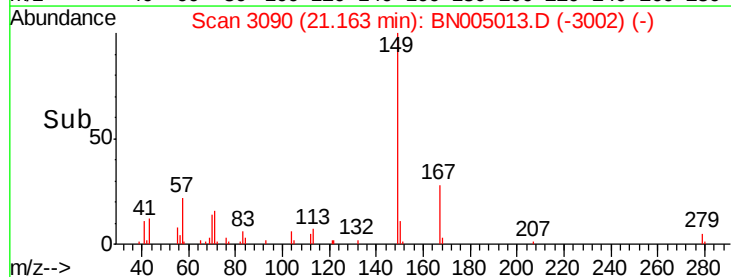
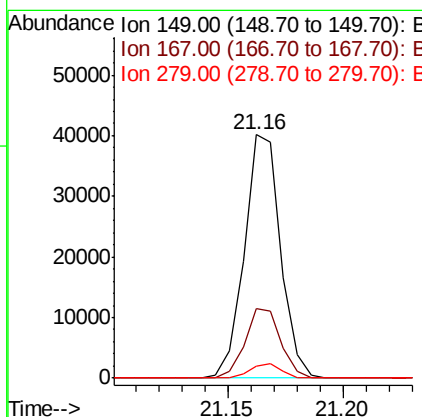
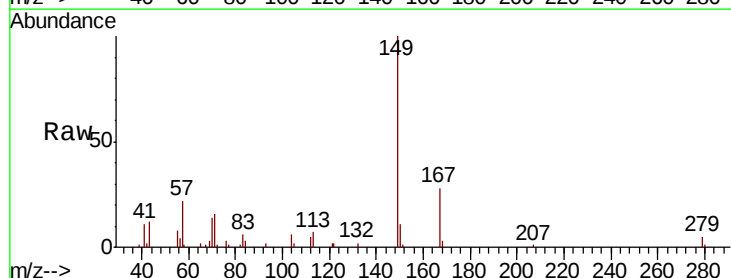
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.7  | 24.2  | 36.2  |
| 229 | 19.5  | 15.8  | 23.8  |

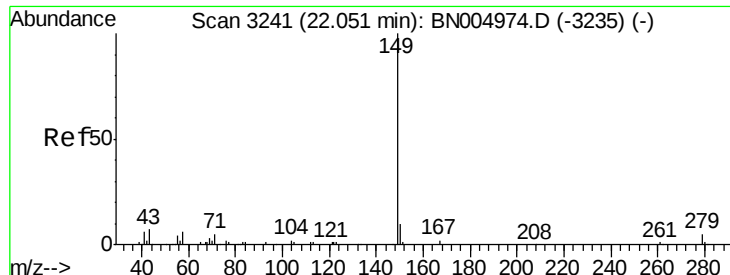


#84  
**Bis(2-ethylhexyl)phthalate**  
 Concen: 38.198 ng  
 RT: 21.16 min Scan# 3090  
 Delta R.T. -0.01 min  
 Lab File: BN005013.D  
 Acq: 28 Mar 2019 02:24

Tgt Ion: 149 Resp: 43894  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.3  | 22.5  | 33.7  |
| 279 | 5.0   | 4.5   | 6.7   |





#85

Di-n-octyl phthalate

Concen: 37.768 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

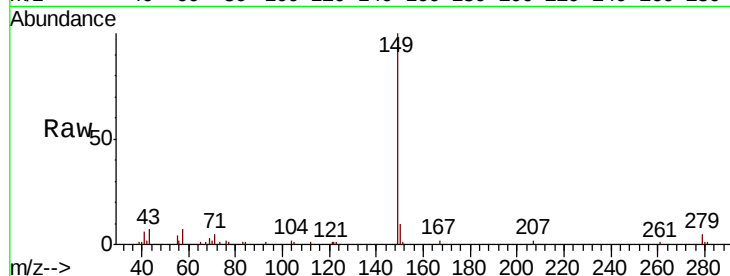
Tgt Ion:149 Resp: 70040

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 6.9 5.8 8.6

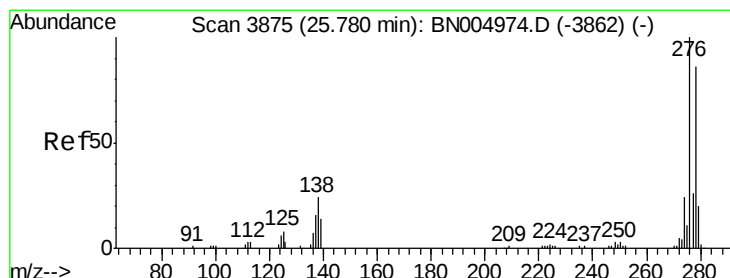
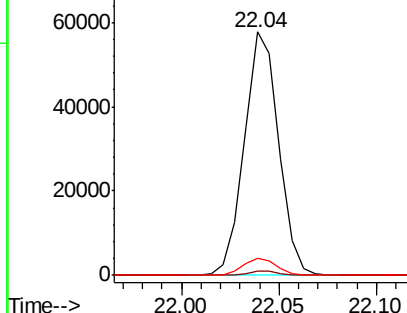
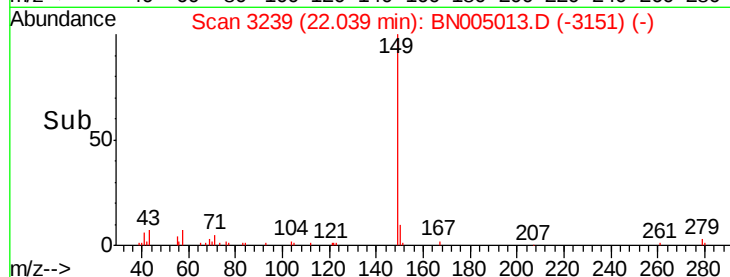


Abundance

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): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.570 ng

RT: 25.76 min Scan# 3871

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

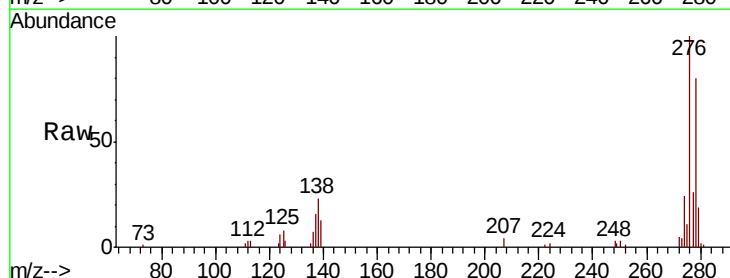
Tgt Ion:276 Resp: 81875

Ion Ratio Lower Upper

276 100

138 23.2 18.5 27.7

277 25.4 20.4 30.6

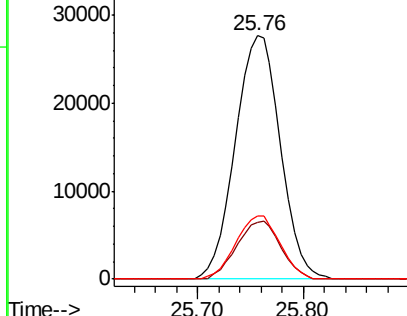
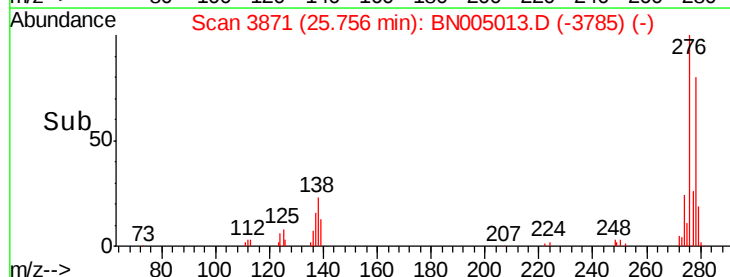


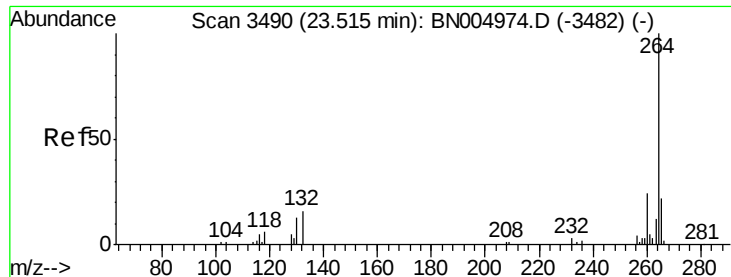
Abundance

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

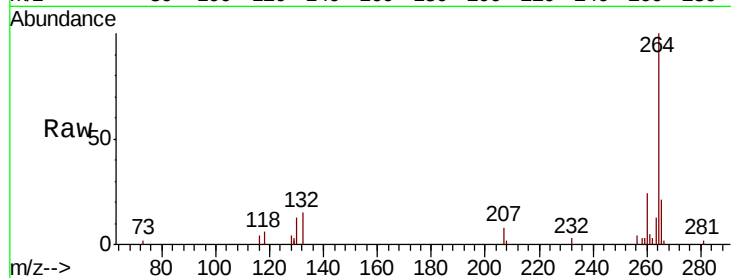




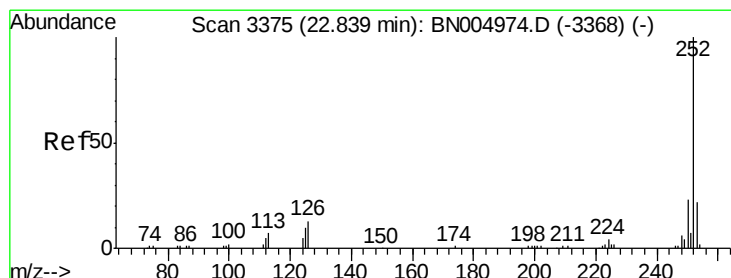
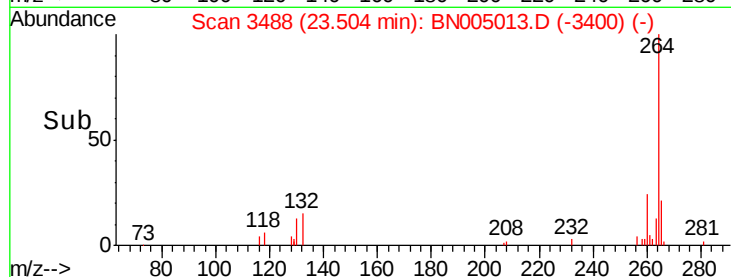
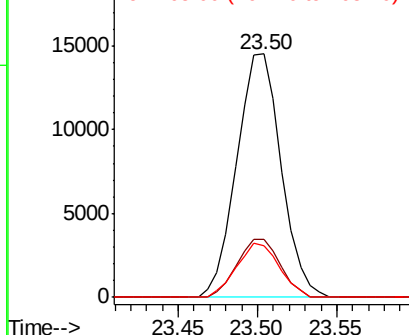
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.50 min Scan# 3488  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Instrument :  
BNA\_N  
ClientSampleId :  
IDOC-S-04

Tgt Ion:264 Resp: 28291  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.0 28.4  
265 21.5 17.2 25.8

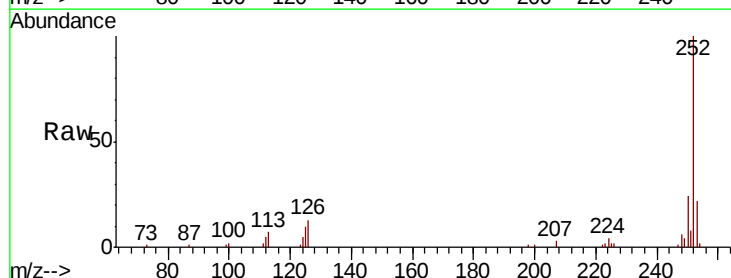


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

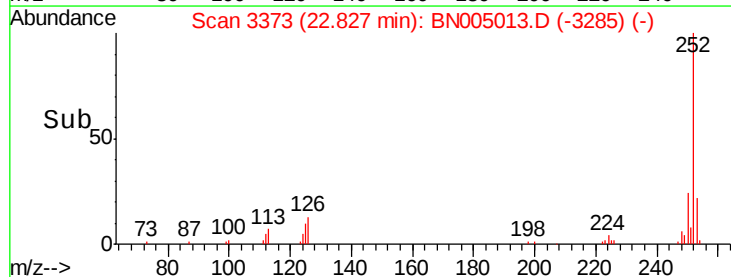
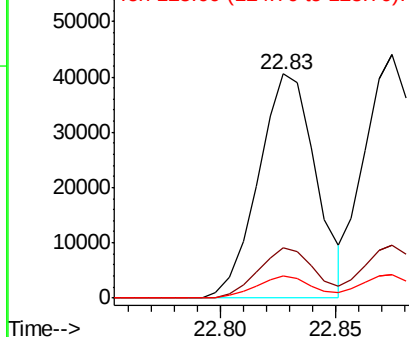


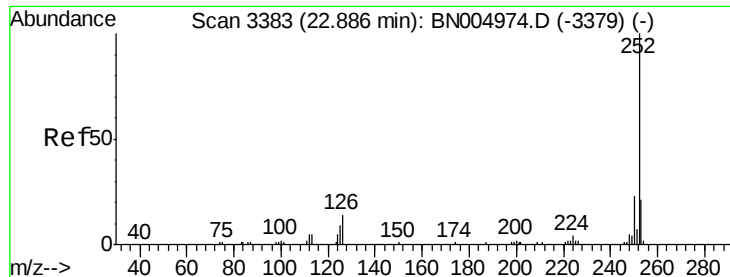
#88  
Benzo(b)fluoranthene  
Concen: 40.311 ng  
RT: 22.83 min Scan# 3373  
Delta R.T. -0.01 min  
Lab File: BN005013.D  
Acq: 28 Mar 2019 02:24

Tgt Ion:252 Resp: 70198  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.6 26.4  
125 9.6 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: 42.584 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

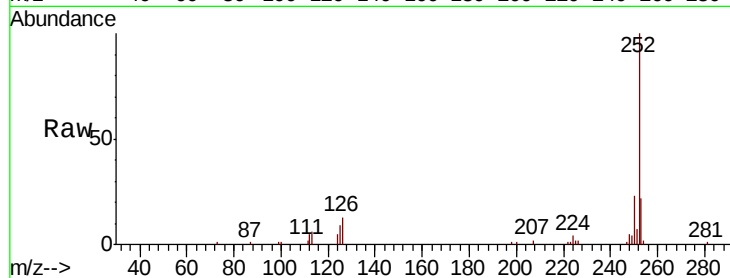
Tgt Ion:252 Resp: 68002

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

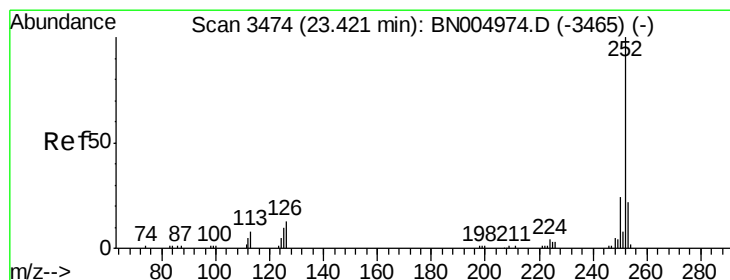
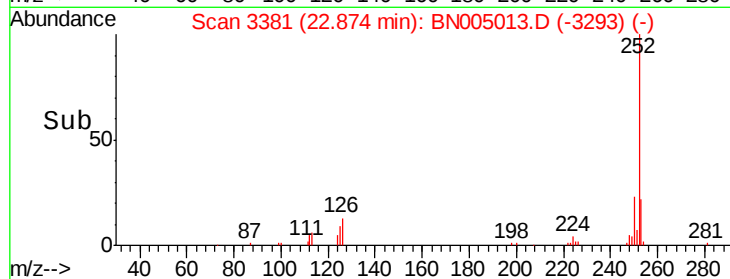
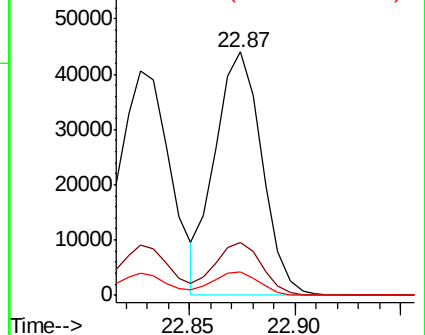
125 9.4 7.6 11.4



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



#90

Benzo(a)pyrene

Concen: 42.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

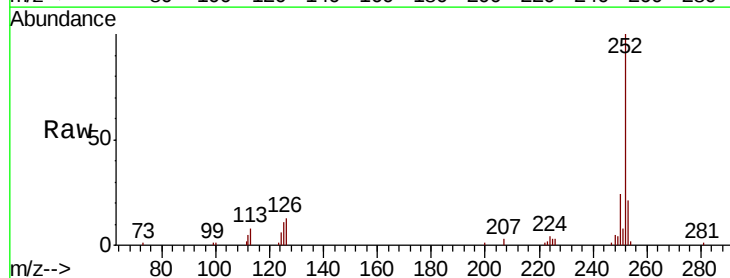
Tgt Ion:252 Resp: 66929

Ion Ratio Lower Upper

252 100

253 21.5 17.7 26.5

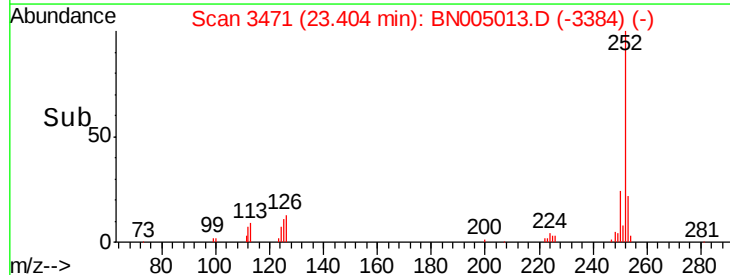
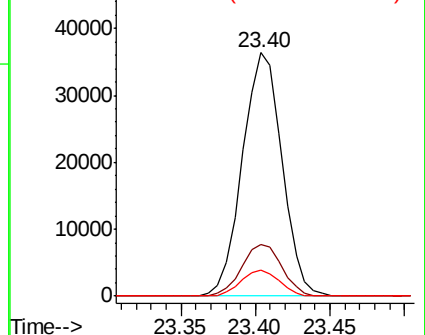
125 10.5 8.2 12.4

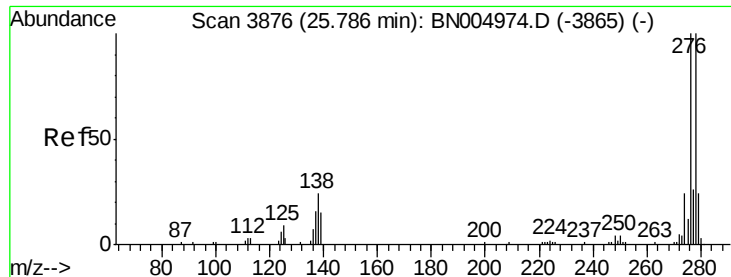


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.301 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

Instrument :

BNA\_N

ClientSampleId :

IDOC-S-04

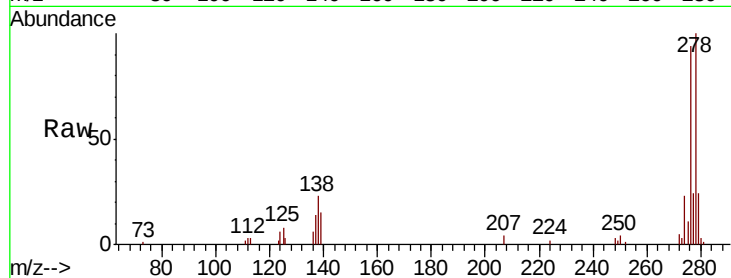
Tgt Ion:278 Resp: 69273

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

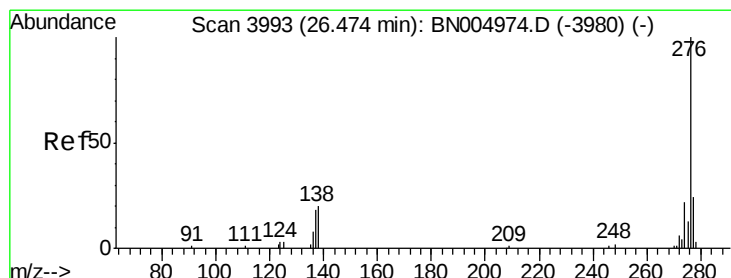
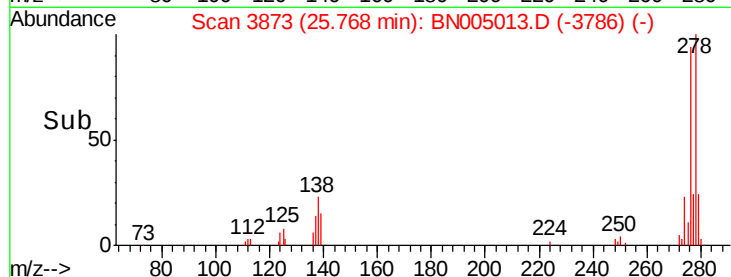
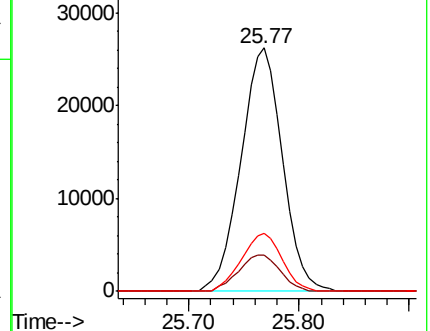
279 24.1 19.3 28.9



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: 43.835 ng

RT: 26.45 min Scan# 3989

Delta R.T. -0.02 min

Lab File: BN005013.D

Acq: 28 Mar 2019 02:24

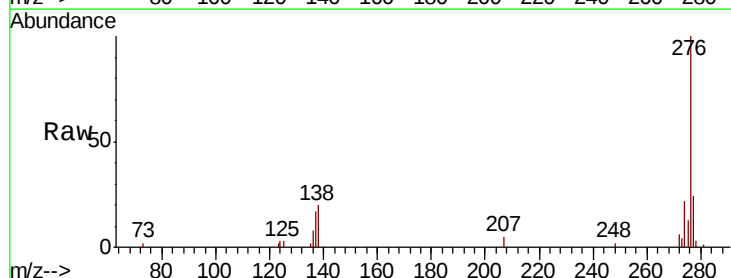
Tgt Ion:276 Resp: 69354

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 20.2 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

