

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN032619\  
 Data File : BN004988.D  
 Acq On : 26 Mar 2019 23:08  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Quant Time: Mar 27 05:12:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-BN032619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 26 16:45:01 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 9209     | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 39485    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.32 | 164  | 21140    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.07 | 188  | 44194    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.27 | 240  | 45313    | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.51 | 264  | 49501    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.27  | 112 | 43456  | 81.58 | ng | 0.00 |
| 7) Phenol-d6             | 6.85  | 99  | 55969  | 79.22 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.84  | 82  | 53515  | 81.99 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 26567  | 77.92 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.94 | 172 | 133356 | 83.59 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.70 | 244 | 181413 | 77.08 | ng | 0.00 |

## Target Compounds

|                                |       |     |       |        |    | Qvalue |
|--------------------------------|-------|-----|-------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.21  | 88  | 7914  | 40.771 | ng | 98     |
| 3) Pyridine                    | 3.60  | 79  | 21616 | 39.849 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.53  | 42  | 7334  | 41.473 | ng | 97     |
| 6) Aniline                     | 7.02  | 93  | 35455 | 39.410 | ng | 100    |
| 8) 2-Chlorophenol              | 7.25  | 128 | 27157 | 40.163 | ng | 100    |
| 9) Benzaldehyde                | 6.83  | 77  | 17458 | 43.004 | ng | 97     |
| 10) Phenol                     | 6.88  | 94  | 29827 | 39.400 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.11  | 93  | 23318 | 39.832 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.71  | 146 | 30374 | 41.230 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.02  | 146 | 28937 | 38.805 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 28937 | 40.548 | ng | 98     |
| 15) Benzyl Alcohol             | 7.92  | 79  | 20869 | 38.827 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 28130 | 39.828 | ng | 99     |
| 17) 2-Methylphenol             | 8.12  | 107 | 20857 | 39.521 | ng | 99     |
| 18) Hexachloroethane           | 8.74  | 117 | 10697 | 40.471 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.48  | 70  | 17928 | 38.710 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 27795 | 38.789 | ng | 100    |
| 22) Acetophenone               | 8.50  | 105 | 36539 | 40.538 | ng | 99     |
| 24) Nitrobenzene               | 8.89  | 77  | 26865 | 40.668 | ng | 100    |
| 25) Isophorone                 | 9.39  | 82  | 49980 | 39.305 | ng | 98     |
| 26) 2-Nitrophenol              | 9.59  | 139 | 15272 | 39.816 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 21319 | 39.922 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.88  | 93  | 31564 | 40.063 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 24625 | 40.122 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 27863 | 41.212 | ng | 99     |
| 31) Naphthalene                | 10.51 | 128 | 83501 | 40.533 | ng | 100    |
| 32) Benzoic acid               | 9.80  | 122 | 15169 | 36.724 | ng | 100    |
| 33) 4-Chloroaniline            | 10.63 | 127 | 33120 | 39.515 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.78 | 225 | 18053 | 41.267 | ng | 99     |
| 35) Caprolactam                | 11.42 | 113 | 7579  | 37.712 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107 | 25716 | 38.786 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 58109 | 39.945 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.35 | 142 | 56339 | 39.579 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 31375 | 41.844 | ng | 100    |

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|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 16899    | 42.082 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.75 | 196  | 19218    | 41.306 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 20514    | 40.472 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.15 | 154  | 74896    | 41.860 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.19 | 162  | 57130    | 41.609 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.42 | 65   | 14854    | 40.641 | ng    | 98       |
| 49) Acenaphthylene             | 14.05 | 152  | 94777    | 41.041 | ng    | 100      |
| 50) Dimethylphthalate          | 13.79 | 163  | 69517    | 40.026 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.92 | 165  | 15850    | 40.105 | ng    | 98       |
| 52) Acenaphthene               | 14.39 | 154  | 53178    | 40.935 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.25 | 138  | 15945    | 39.475 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.46 | 184  | 7975     | 37.994 | ng    | 98       |
| 55) Dibenzofuran               | 14.72 | 168  | 84369    | 40.815 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.56 | 139  | 12044    | 37.849 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.70 | 165  | 21227    | 39.522 | ng    | 99       |
| 58) Fluorene                   | 15.37 | 166  | 67536    | 40.444 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 18731    | 39.857 | ng    | # 99     |
| 60) Diethylphthalate           | 15.15 | 149  | 68065    | 39.273 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 34857    | 40.463 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.42 | 138  | 15846    | 39.045 | ng    | 97       |
| 63) Azobenzene                 | 15.66 | 77   | 57982    | 40.190 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 11415    | 39.054 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.59 | 169  | 57528    | 41.325 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 22671    | 41.108 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.37 | 284  | 26473    | 40.972 | ng    | 98       |
| 69) Atrazine                   | 16.54 | 200  | 19619    | 39.447 | ng    | 99       |
| 70) Pentachlorophenol          | 16.72 | 266  | 13065    | 38.459 | ng    | 98       |
| 71) Phenanthrene               | 17.12 | 178  | 101616   | 40.922 | ng    | 100      |
| 72) Anthracene                 | 17.20 | 178  | 101323   | 40.993 | ng    | 100      |
| 73) Carbazole                  | 17.49 | 167  | 91377    | 40.616 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.03 | 149  | 106938   | 39.020 | ng    | 100      |
| 75) Fluoranthene               | 19.14 | 202  | 113338   | 40.008 | ng    | 99       |
| 77) Benzidine                  | 19.33 | 184  | 54356    | 38.491 | ng    | 96       |
| 78) Pyrene                     | 19.50 | 202  | 116140   | 38.385 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 46212    | 37.589 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.26 | 228  | 113638   | 40.261 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 43362    | 41.083 | ng    | 98       |
| 83) Chrysene                   | 21.31 | 228  | 109733   | 40.702 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 65092    | 38.266 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.05 | 149  | 111407   | 40.583 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.77 | 276  | 147504   | 48.159 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.83 | 252  | 119161   | 39.108 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.88 | 252  | 112722   | 40.343 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.42 | 252  | 113073   | 40.554 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.78 | 278  | 121152   | 43.281 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.47 | 276  | 120404   | 43.494 | ng    | 100      |

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



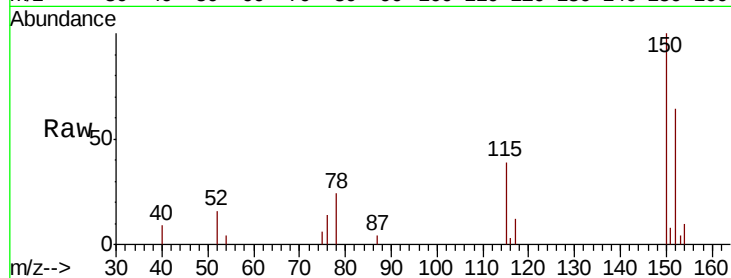


#1

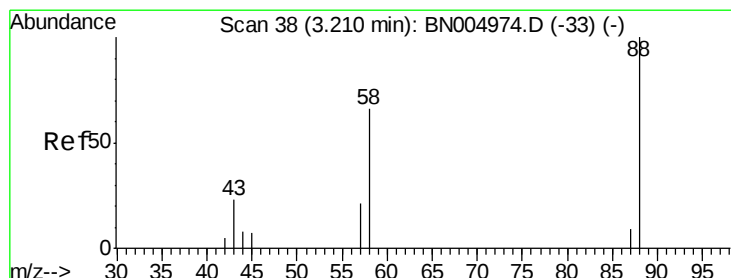
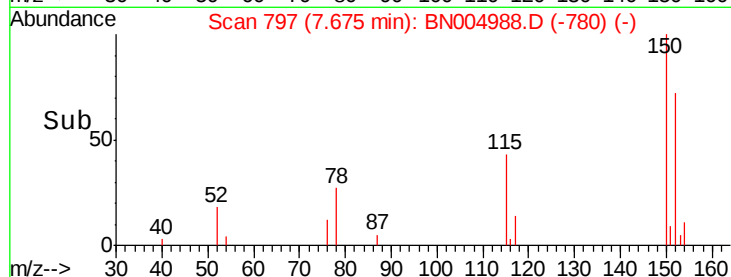
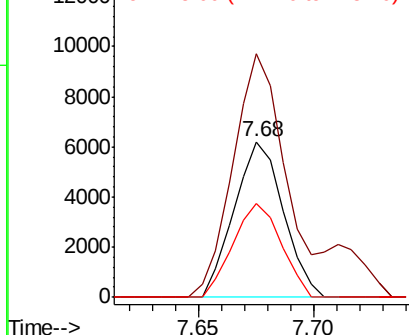
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:152 Resp: 9209  
Ion Ratio Lower Upper  
152 100  
150 156.4 126.9 190.3  
115 60.7 47.8 71.6



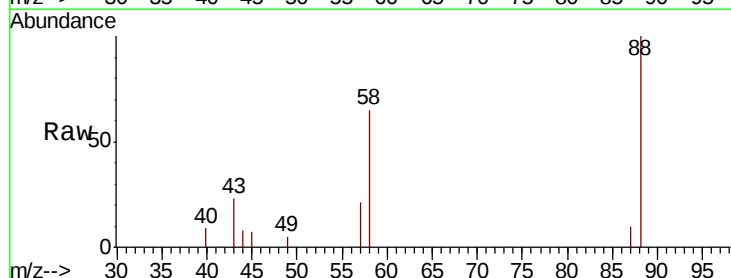
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



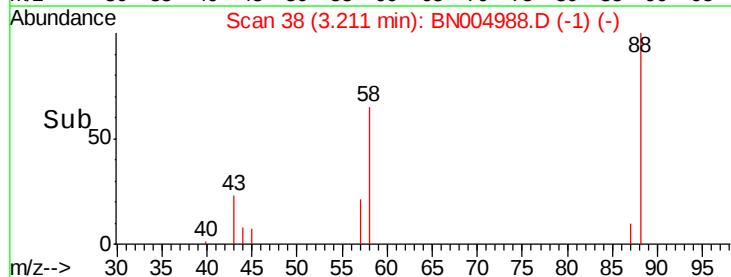
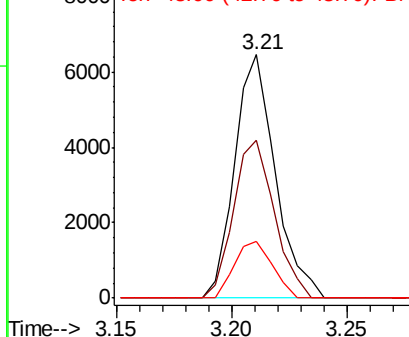
#2

1,4-Dioxane  
Concen: 40.771 ng  
RT: 3.21 min Scan# 38  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion: 88 Resp: 7914  
Ion Ratio Lower Upper  
88 100  
58 65.1 51.0 76.6  
43 21.7 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: 39.849 ng

RT: 3.60 min Scan# 104

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

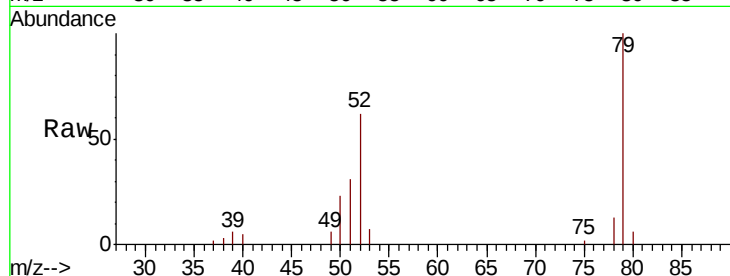
Tgt Ion: 79 Resp: 21616

Ion Ratio Lower Upper

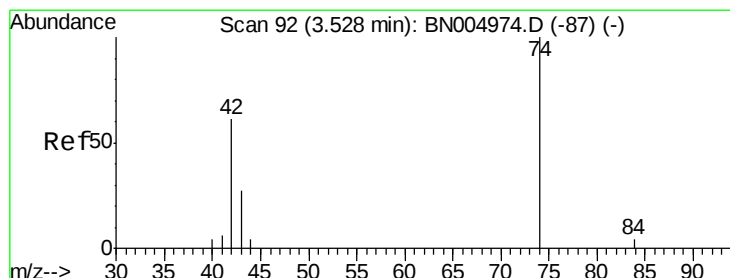
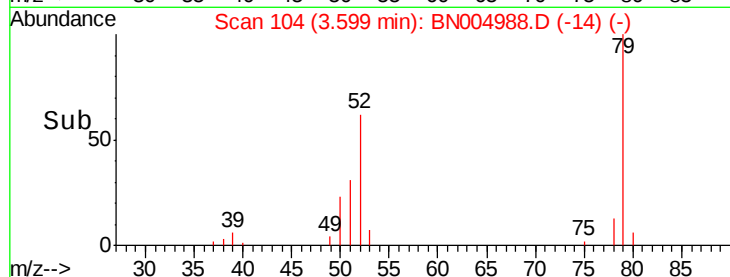
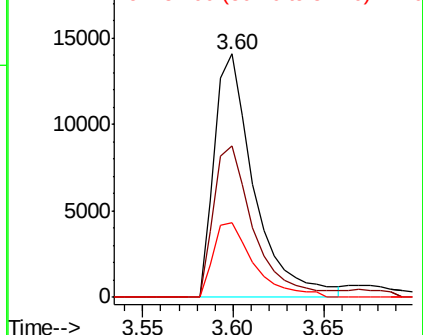
79 100

52 62.4 50.2 75.4

51 30.8 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BNC  
Ion 52.00 (51.70 to 52.70): BNC  
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 41.473 ng

RT: 3.53 min Scan# 92

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

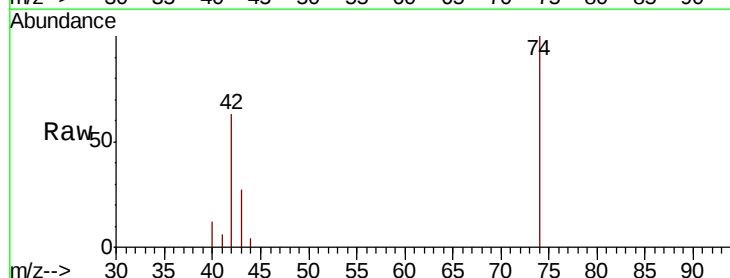
Tgt Ion: 42 Resp: 7334

Ion Ratio Lower Upper

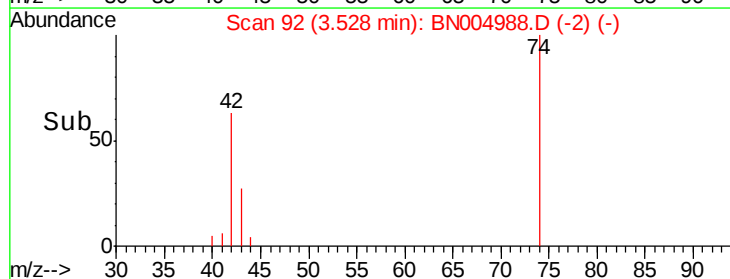
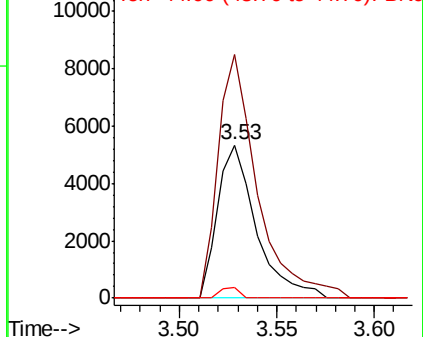
42 100

74 159.4 130.8 196.2

44 7.1 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BNC  
Ion 74.00 (73.70 to 74.70): BNC  
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 81.584 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

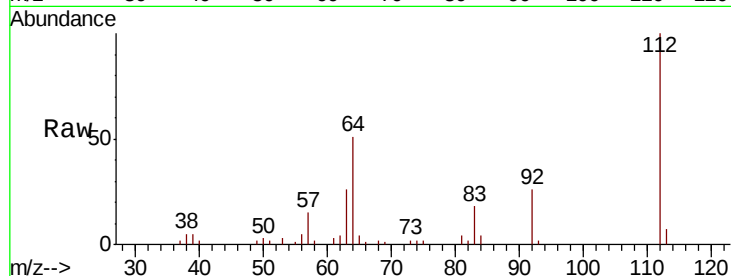
Tgt Ion: 112 Resp: 43456

Ion Ratio Lower Upper

112 100

64 51.3 41.9 62.9

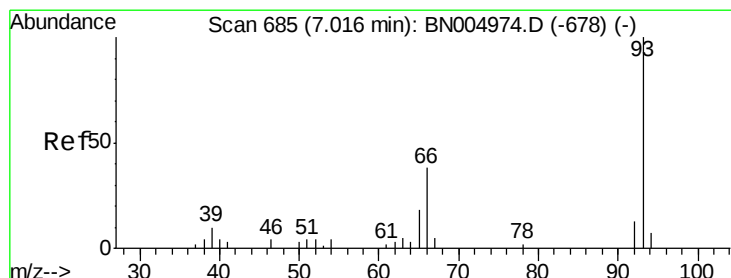
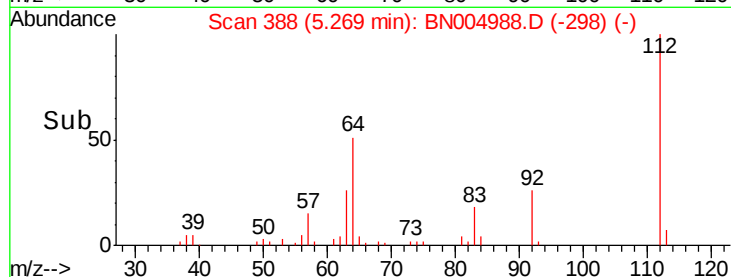
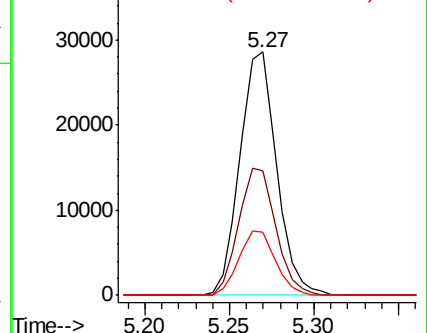
63 26.1 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 39.410 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

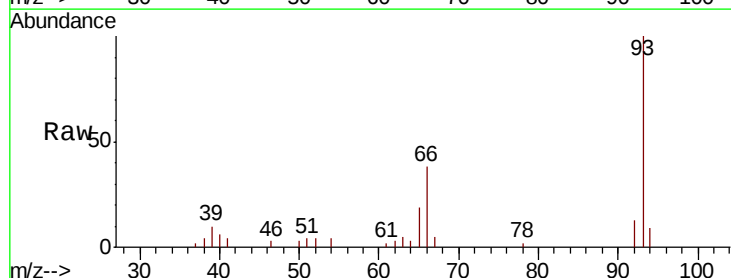
Tgt Ion: 93 Resp: 35455

Ion Ratio Lower Upper

93 100

66 37.8 30.2 45.4

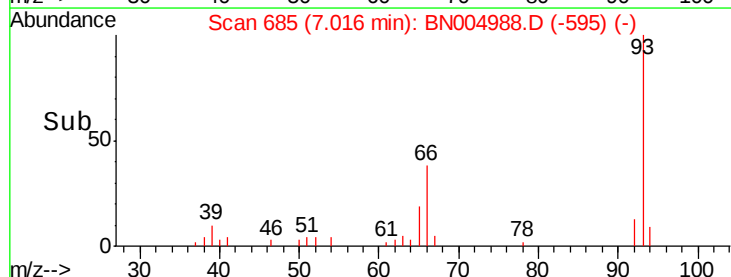
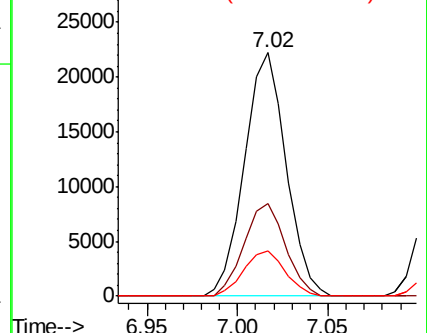
65 18.6 14.7 22.1

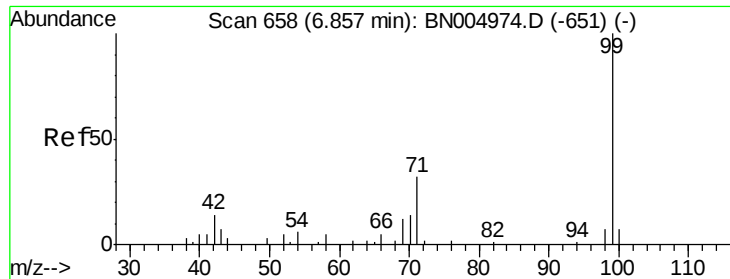


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 79.223 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN004988.D

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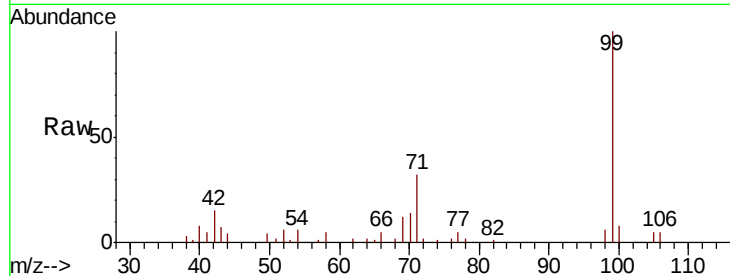
Tgt Ion: 99 Resp: 55969

Ion Ratio Lower Upper

99 100

42 14.6 11.4 17.0

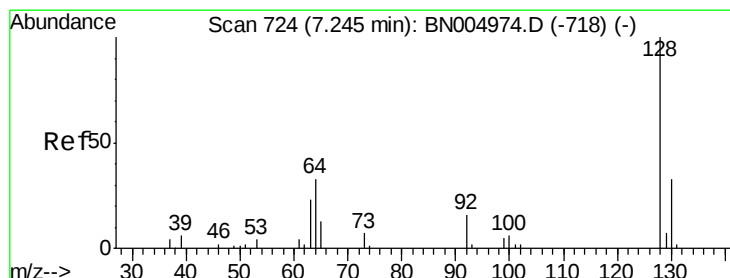
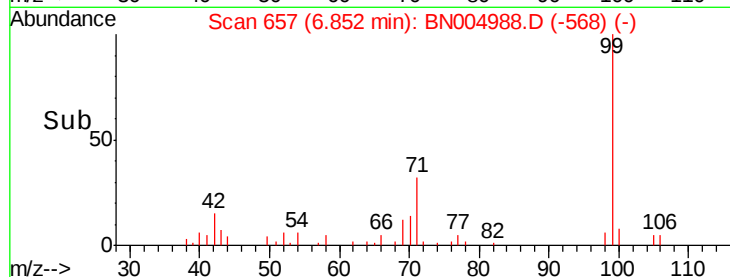
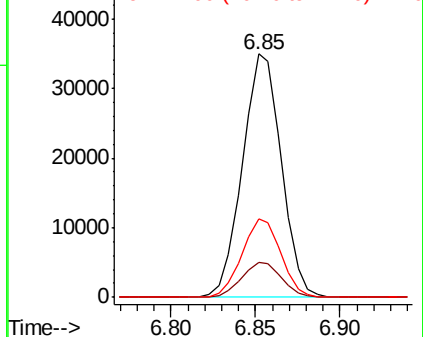
71 32.3 25.8 38.8



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

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

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



#8

2-Chlorophenol

Concen: 40.163 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

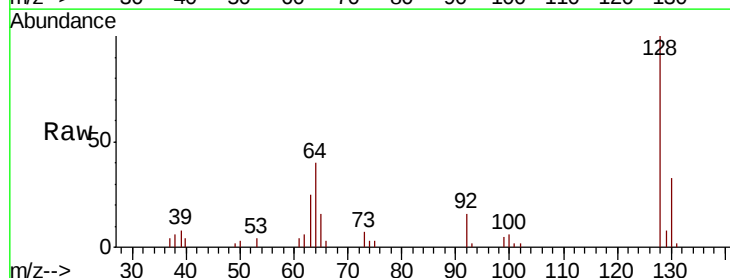
Tgt Ion: 128 Resp: 27157

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

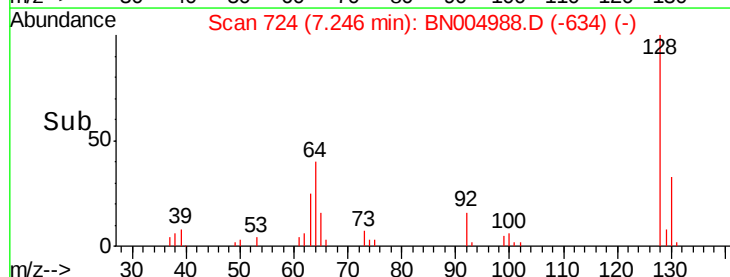
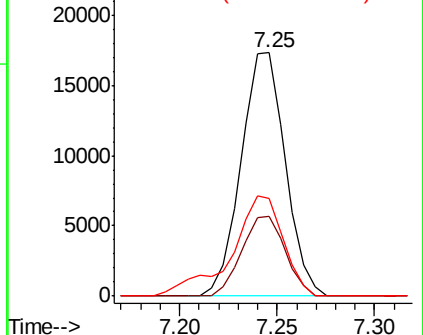
64 40.1 19.9 59.9

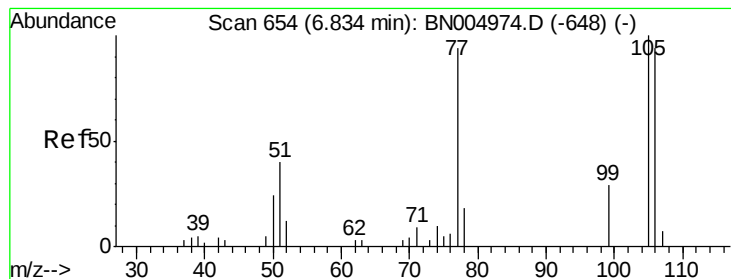


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

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

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





#9

Benzaldehyde

Concen: 43.004 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

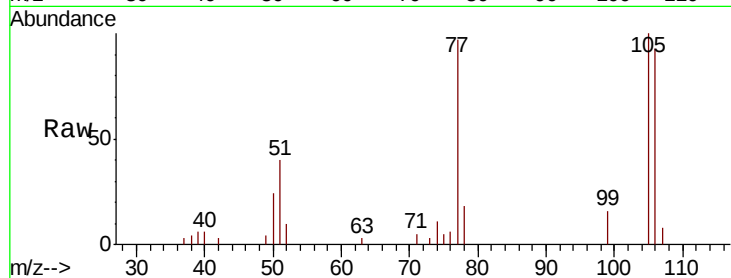
Tgt Ion: 77 Resp: 17458

Ion Ratio Lower Upper

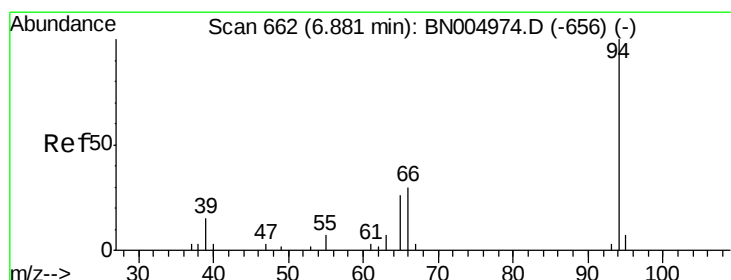
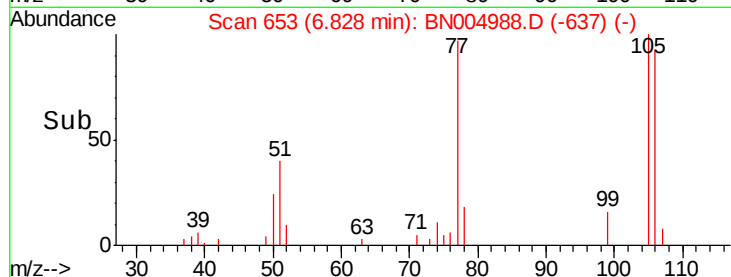
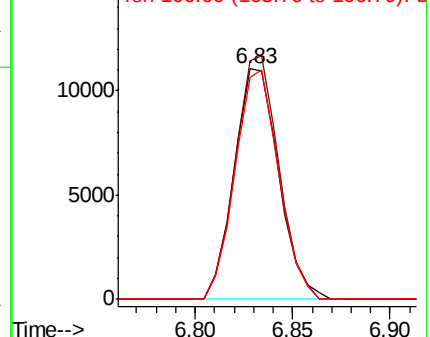
77 100

105 103.3 86.1 126.1

106 96.3 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: 39.400 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

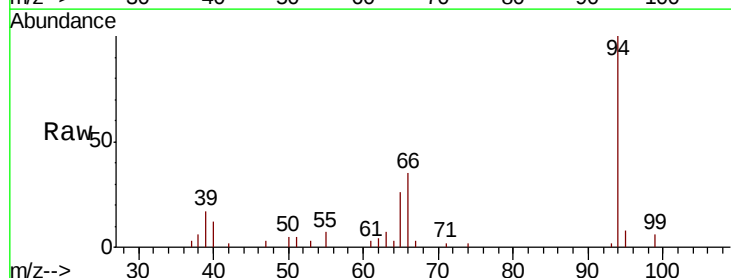
Tgt Ion: 94 Resp: 29827

Ion Ratio Lower Upper

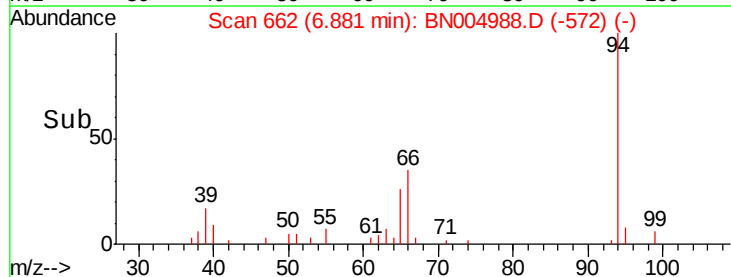
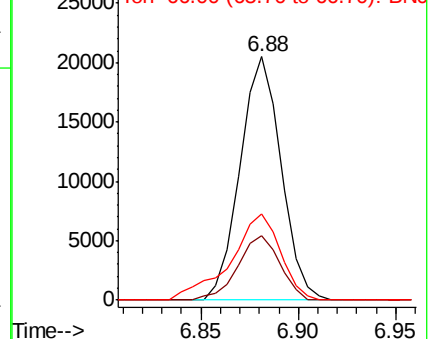
94 100

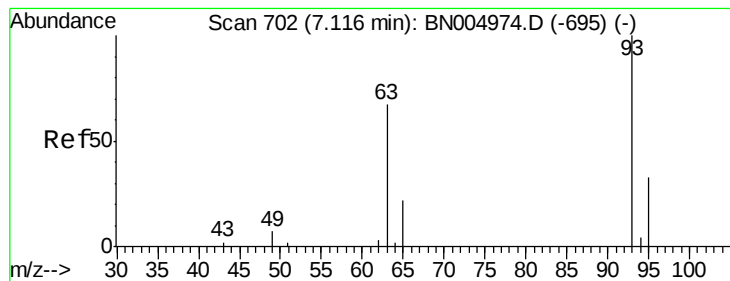
65 26.3 5.7 45.7

66 35.3 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: 39.832 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

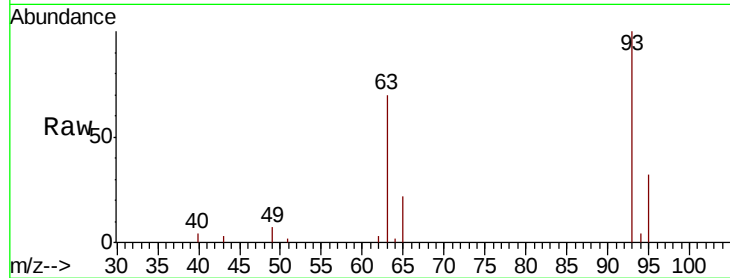
Tgt Ion: 93 Resp: 23318

Ion Ratio Lower Upper

93 100

63 69.5 47.0 87.0

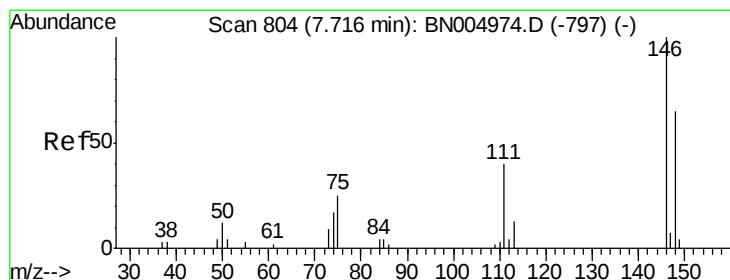
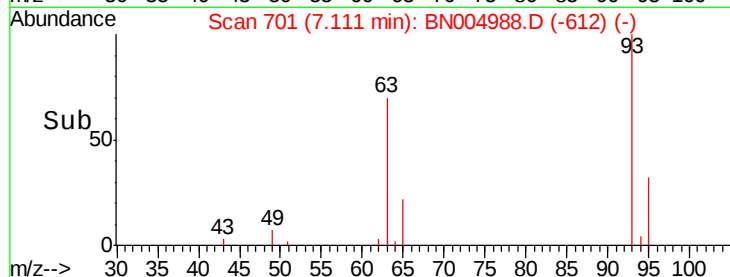
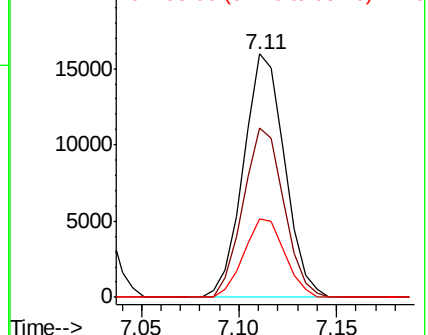
95 32.4 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BN004974.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 41.230 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

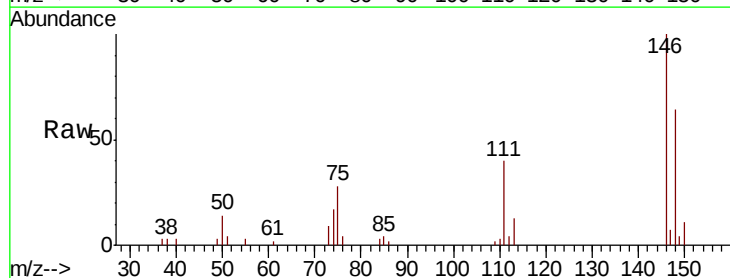
Tgt Ion: 146 Resp: 30374

Ion Ratio Lower Upper

146 100

148 63.8 52.0 78.0

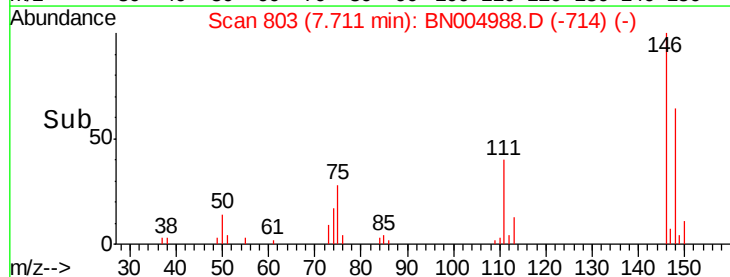
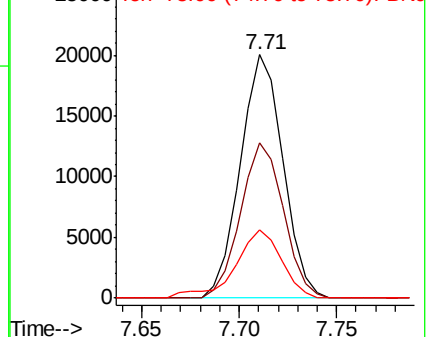
75 28.1 22.0 33.0

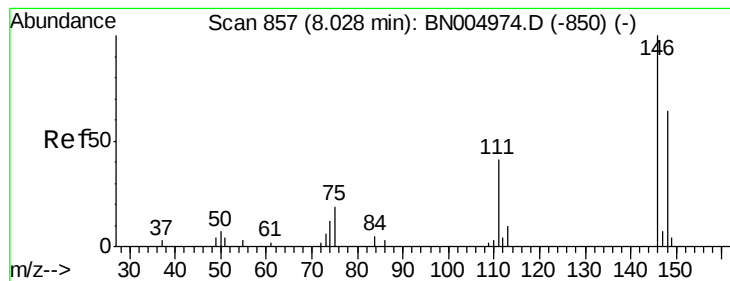


Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-797) (-)

Ion 148.00 (147.70 to 148.70): BN004974.D (-797) (-)

Ion 75.00 (74.70 to 75.70): BN004974.D (-797) (-)





#13

1,4-Dichlorobenzene

Concen: 38.805 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

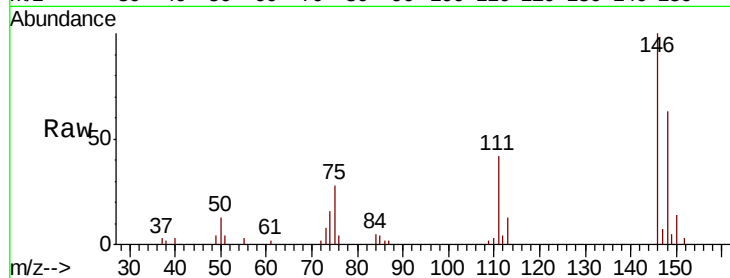
Tgt Ion:146 Resp: 28937

Ion Ratio Lower Upper

146 100

148 62.6 51.4 77.2

111 41.7 32.6 49.0

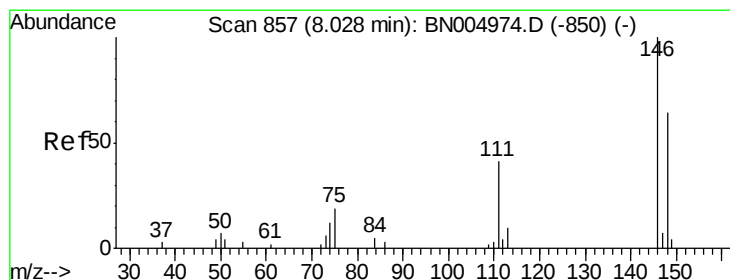
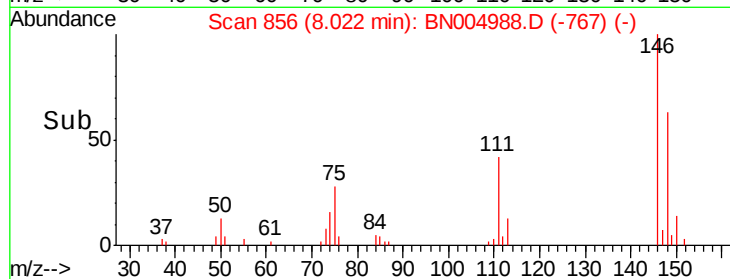
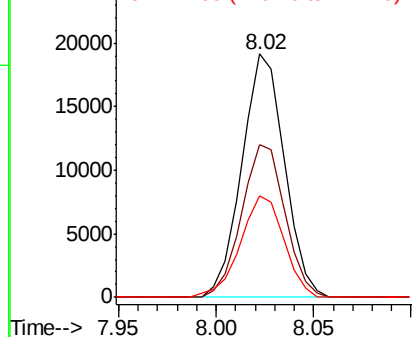


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.548 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

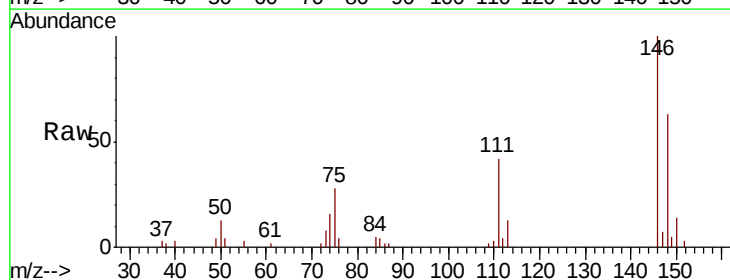
Tgt Ion:146 Resp: 28937

Ion Ratio Lower Upper

146 100

148 62.6 51.4 77.2

111 41.7 32.6 49.0

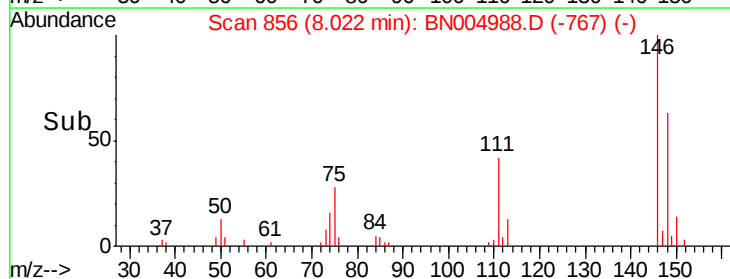
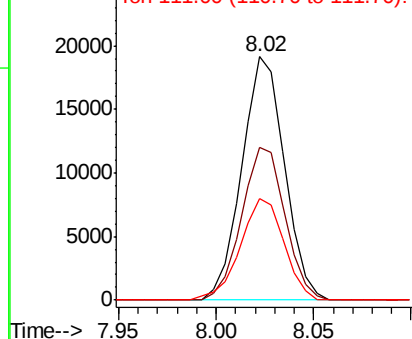


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

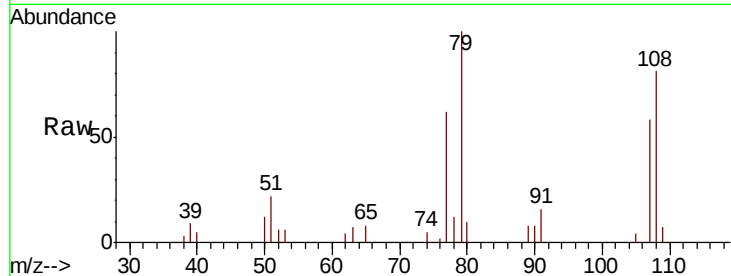




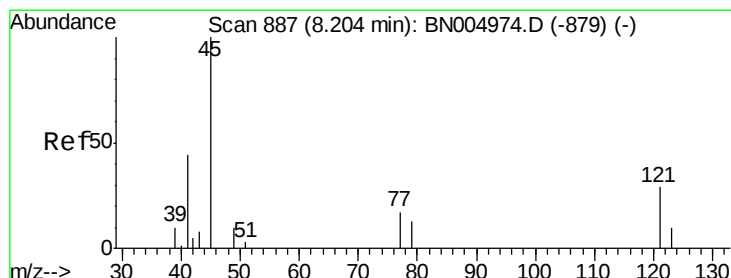
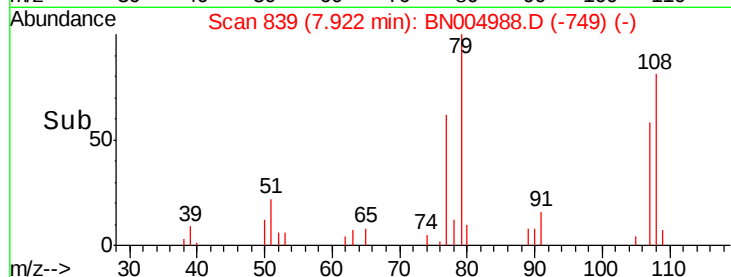
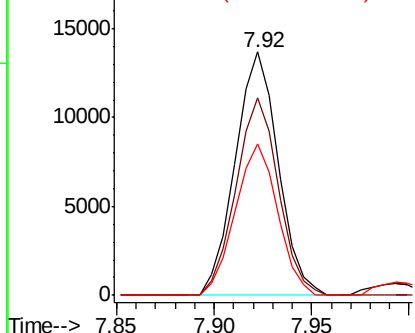
#15  
Benzyl Alcohol  
Concen: 38.827 ng  
RT: 7.92 min Scan# 839  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 79 Resp: 20869  
Ion Ratio Lower Upper  
79 100  
108 80.9 64.0 96.0  
77 62.1 48.8 73.2

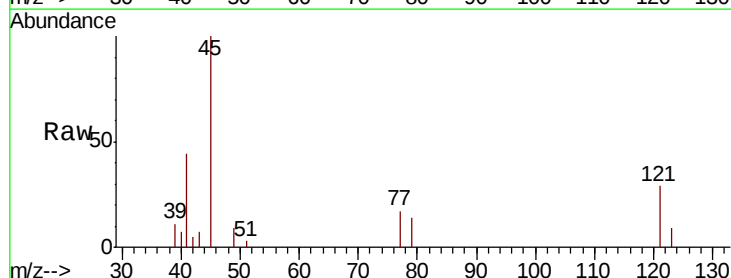


Abundance Ion 79.00 (78.70 to 79.70): BN0  
Ion 108.00 (107.70 to 108.70): BN0  
Ion 77.00 (76.70 to 77.70): BN0

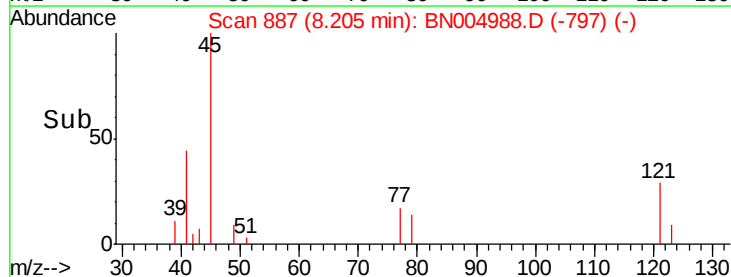
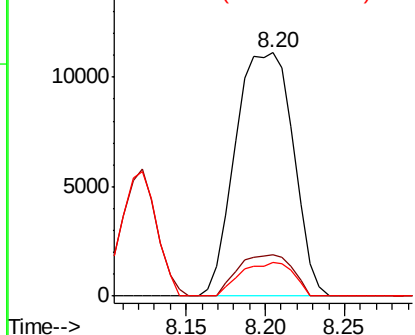


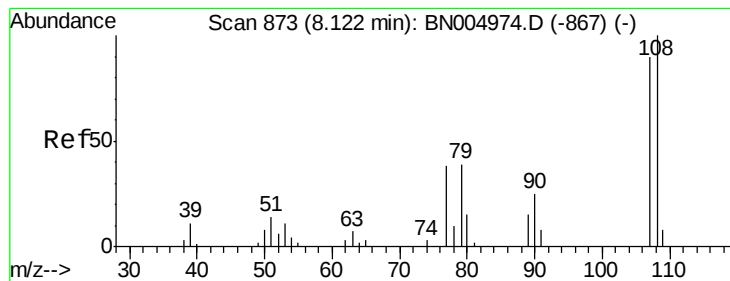
#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.828 ng  
RT: 8.20 min Scan# 887  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion: 45 Resp: 28130  
Ion Ratio Lower Upper  
45 100  
77 17.1 0.0 36.9  
79 13.6 0.0 33.3



Abundance Ion 45.00 (44.70 to 45.70): BN0  
Ion 77.00 (76.70 to 77.70): BN0  
Ion 79.00 (78.70 to 79.70): BN0





#17

2-Methylphenol

Concen: 39.521 ng

RT: 8.12 min Scan# 873

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 20857

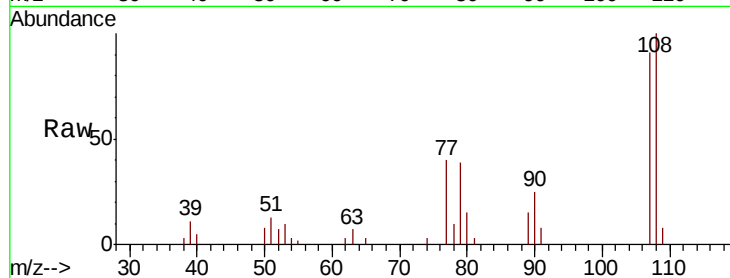
Ion Ratio Lower Upper

107 100

108 110.5 88.8 133.2

77 43.7 34.2 51.2

79 42.7 34.8 52.2



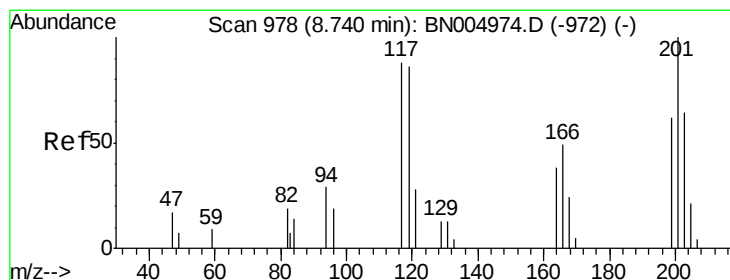
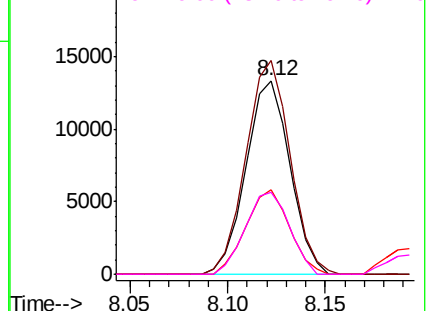
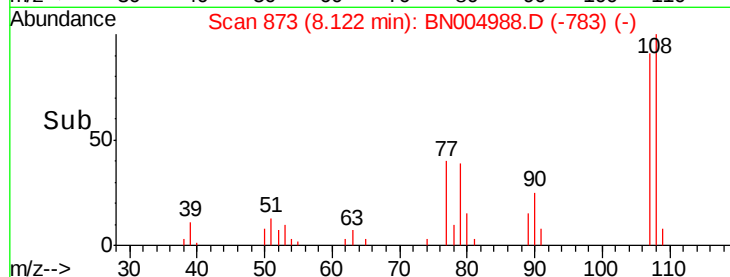
Abundance

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: 40.471 ng

RT: 8.74 min Scan# 978

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

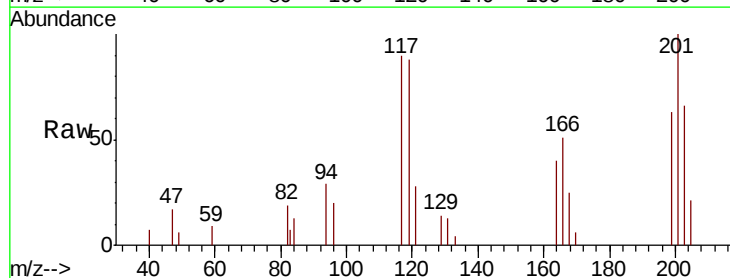
Tgt Ion:117 Resp: 10697

Ion Ratio Lower Upper

117 100

119 97.7 77.5 116.3

201 111.1 90.5 135.7

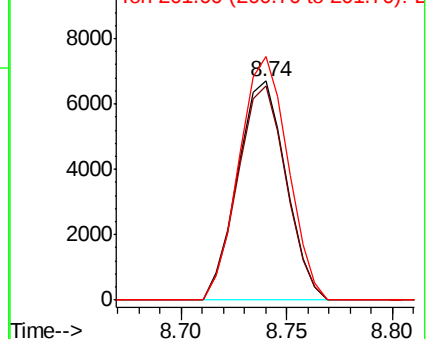
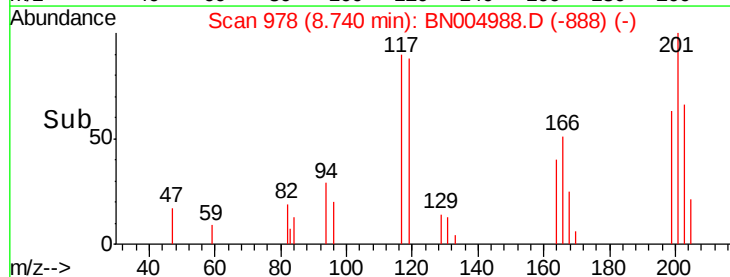


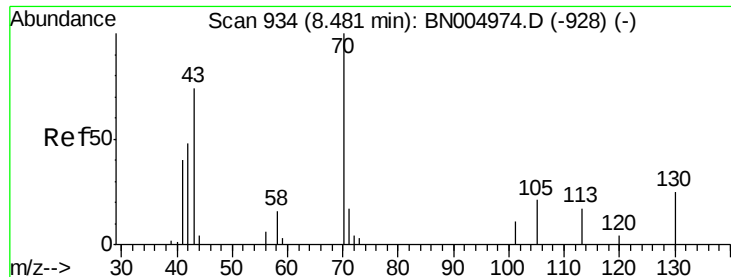
Abundance

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

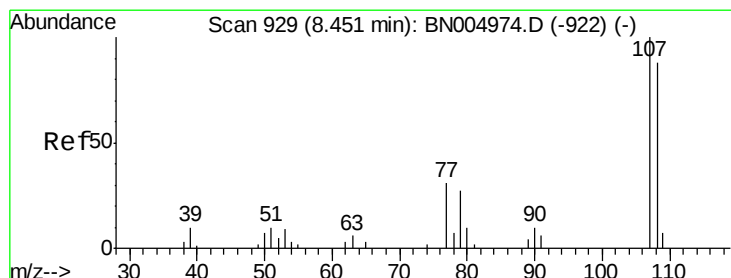
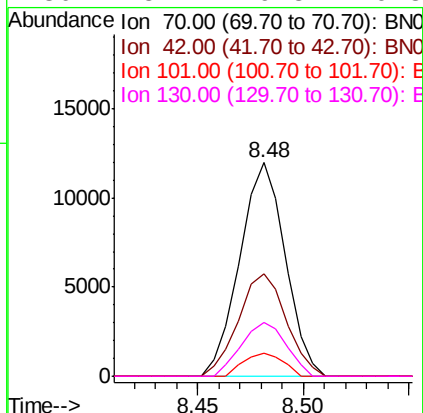
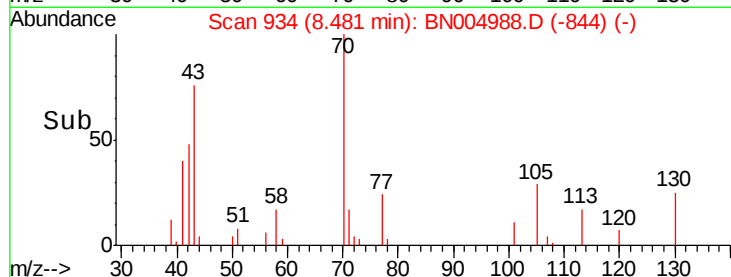
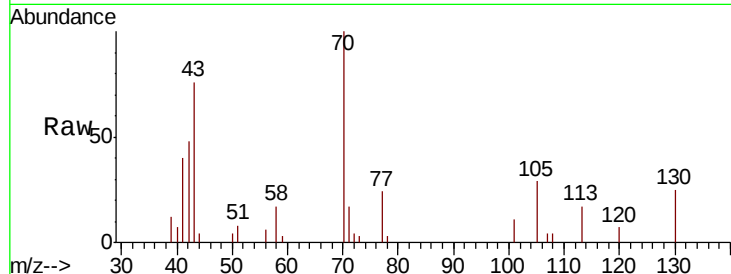




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.710 ng  
RT: 8.48 min Scan# 934  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

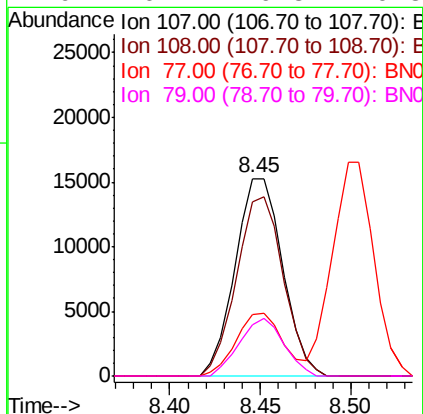
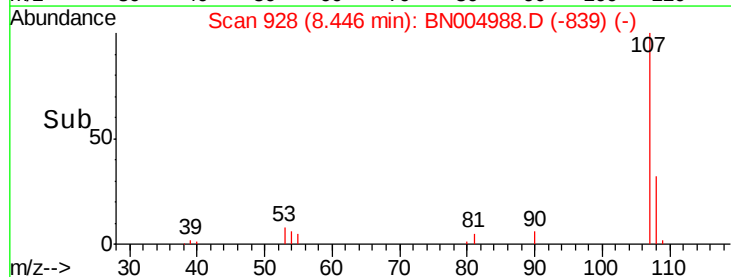
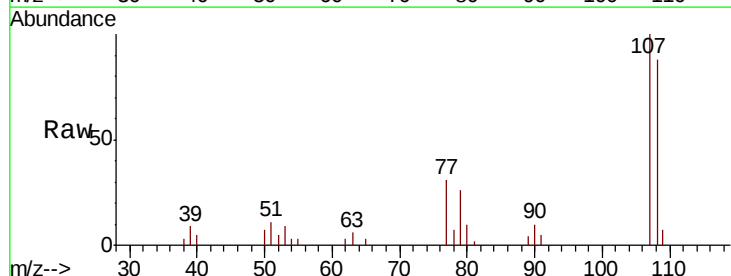
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 70 Resp: 17928  
Ion Ratio Lower Upper  
70 100  
42 48.1 38.4 57.6  
101 10.9 8.8 13.2  
130 25.4 19.8 29.8



#20  
3+4-Methylphenols  
Concen: 38.789 ng  
RT: 8.45 min Scan# 928  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion: 107 Resp: 27795  
Ion Ratio Lower Upper  
107 100  
108 87.9 67.9 107.9  
77 31.1 10.6 50.6  
79 26.1 6.8 46.8

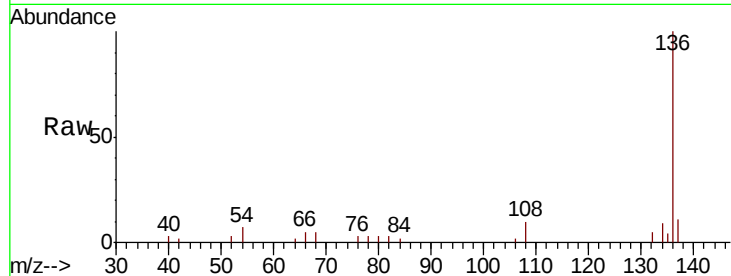




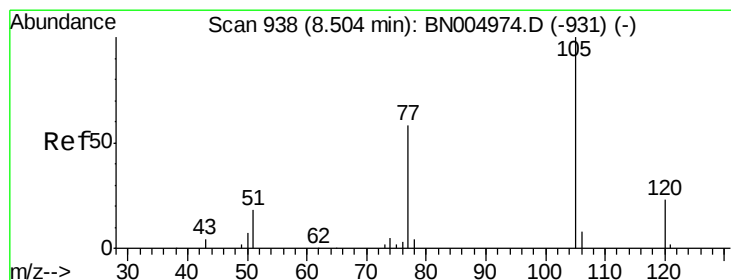
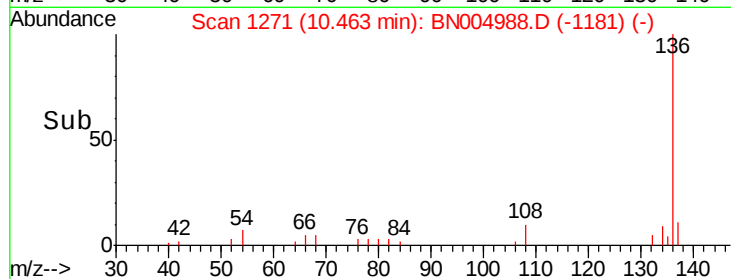
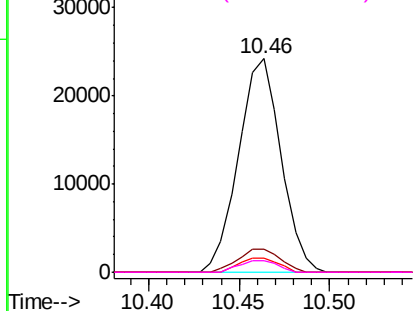
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.46 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 39485 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.7  | 8.9   | 13.3  |
| 54       | 6.7   | 5.3   | 7.9   |
| 68       | 5.4   | 4.6   | 6.8   |

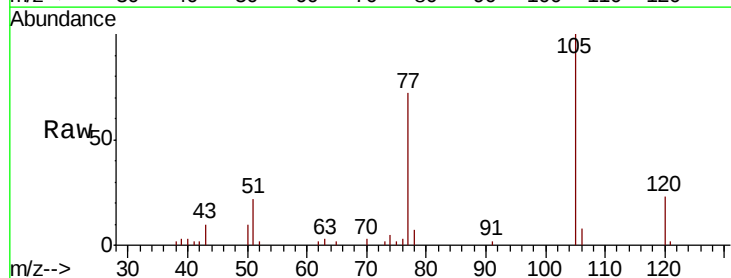


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BNC  
Ion 68.00 (67.70 to 68.70): BNC

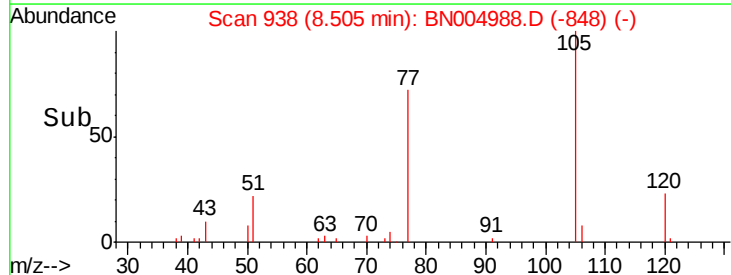
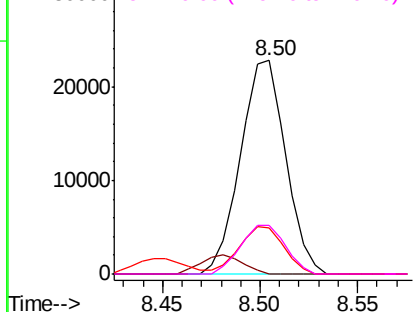


#22  
Acetophenone  
Concen: 40.538 ng  
RT: 8.50 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 36539 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 0.0   | 0.0   |
| 51       | 21.7  | 17.8  | 26.8  |
| 120      | 23.1  | 18.6  | 27.8  |



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

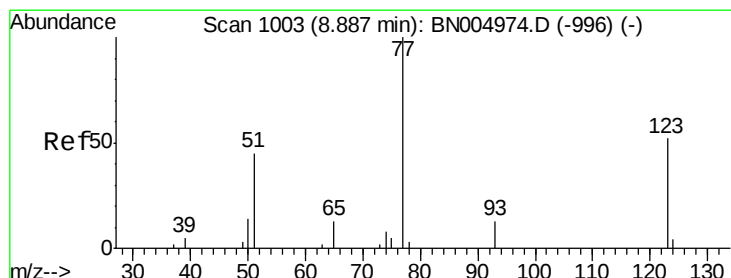
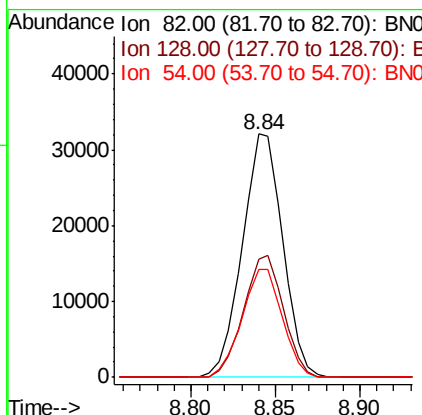
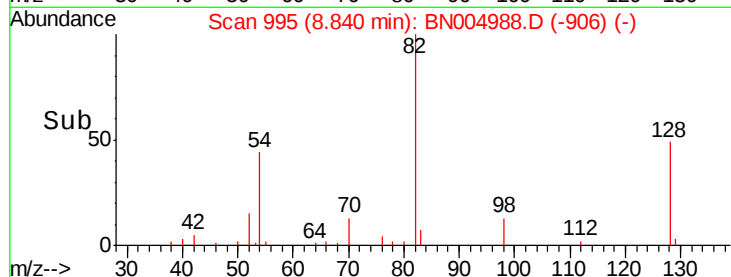
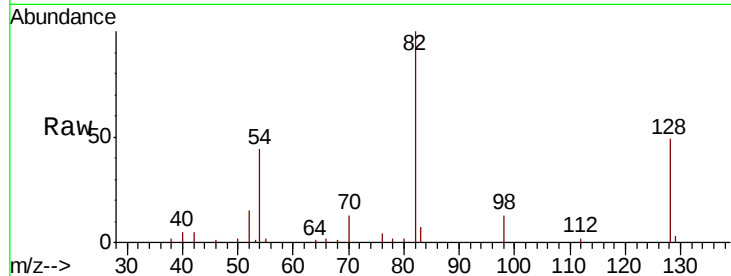




#23  
Nitrobenzene-d5  
Concen: 81.986 ng  
RT: 8.84 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

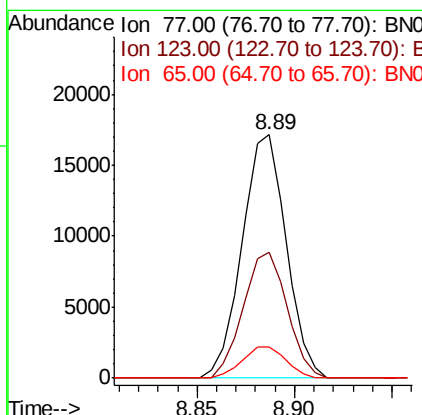
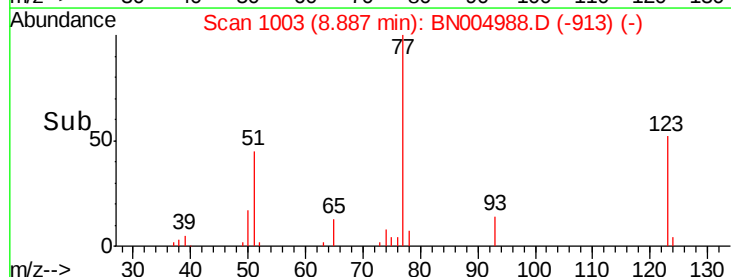
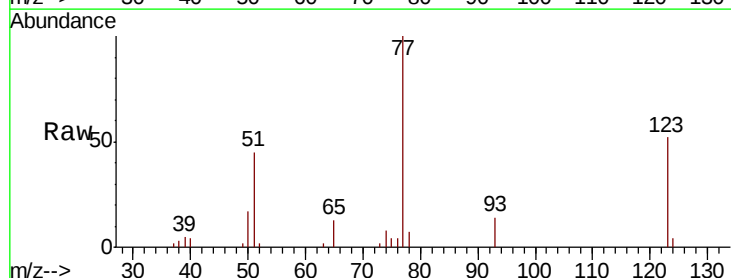
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion: 82 Resp: 53515  
Ion Ratio Lower Upper  
82 100  
128 48.7 40.6 60.8  
54 44.5 35.2 52.8



#24  
Nitrobenzene  
Concen: 40.668 ng  
RT: 8.89 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion: 77 Resp: 26865  
Ion Ratio Lower Upper  
77 100  
123 51.8 41.3 61.9  
65 12.8 10.3 15.5





#25

Isophorone

Concen: 39.305 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

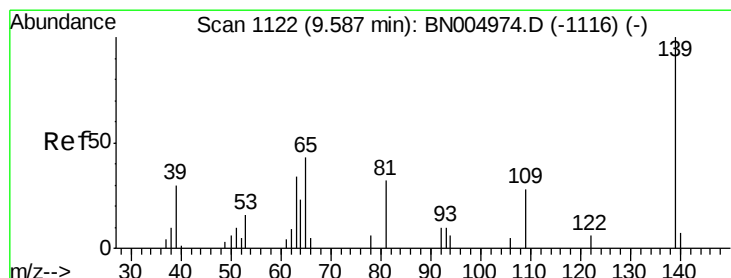
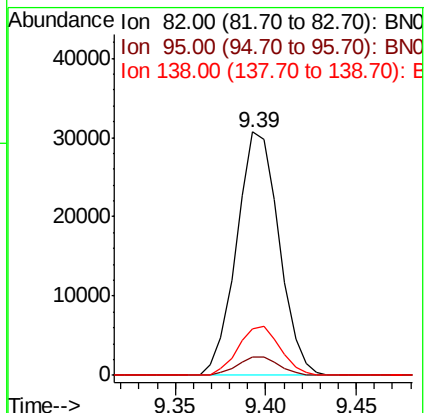
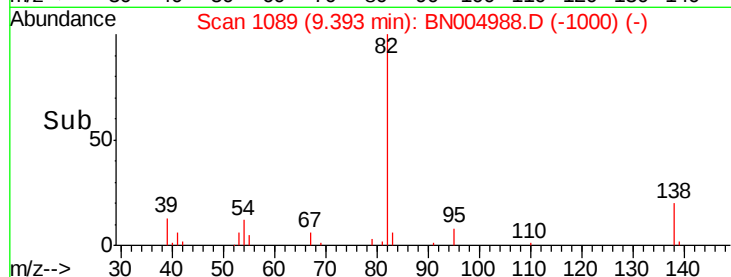
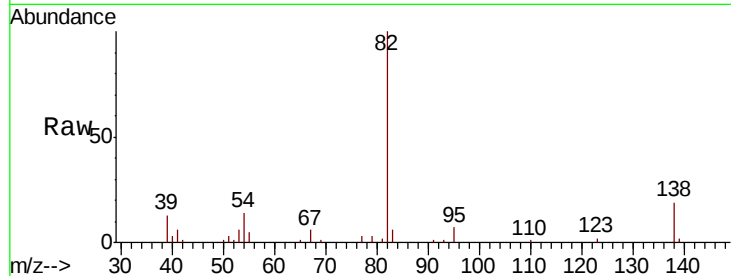
Tgt Ion: 82 Resp: 49980

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

138 19.1 16.2 24.2



#26

2-Nitrophenol

Concen: 39.816 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

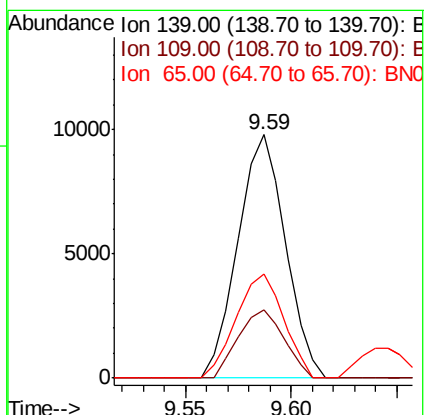
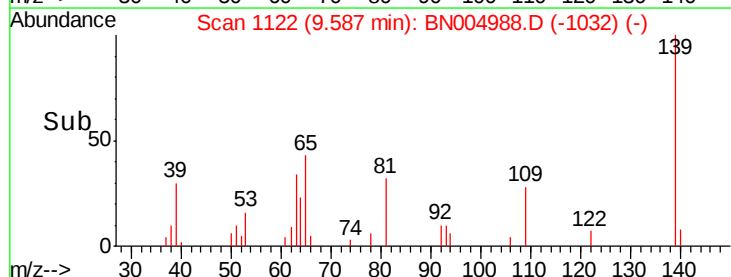
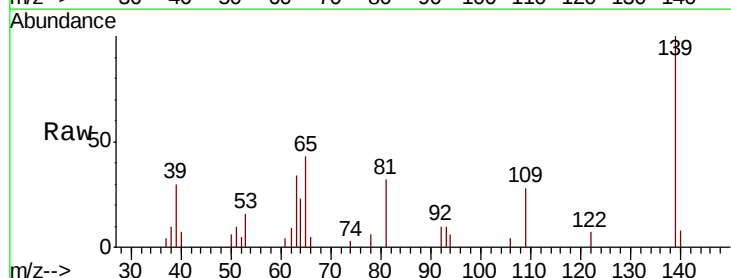
Tgt Ion: 139 Resp: 15272

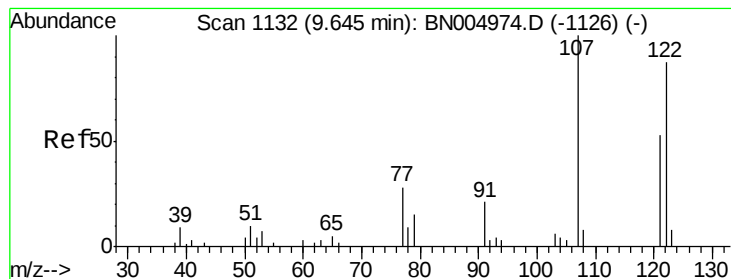
Ion Ratio Lower Upper

139 100

109 28.1 22.5 33.7

65 42.5 34.2 51.4





#27

2,4-Dimethylphenol

Concen: 39.922 ng

RT: 9.65 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

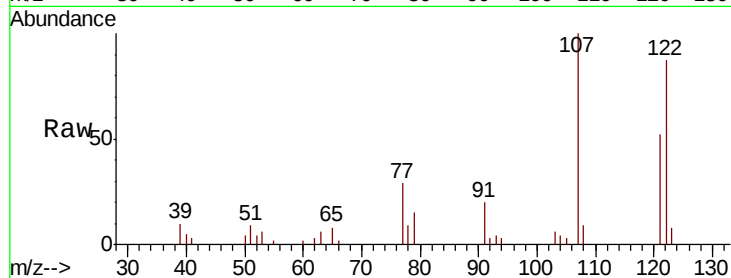
Tgt Ion:122 Resp: 21319

Ion Ratio Lower Upper

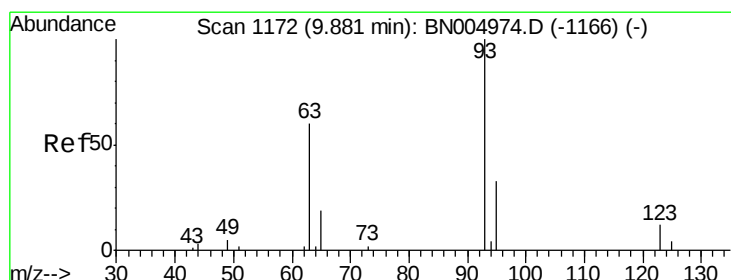
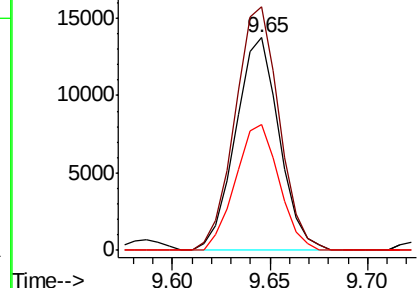
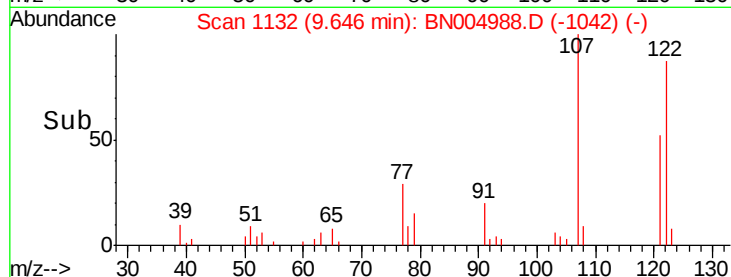
122 100

107 114.7 91.6 137.4

121 59.6 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: 40.063 ng

RT: 9.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

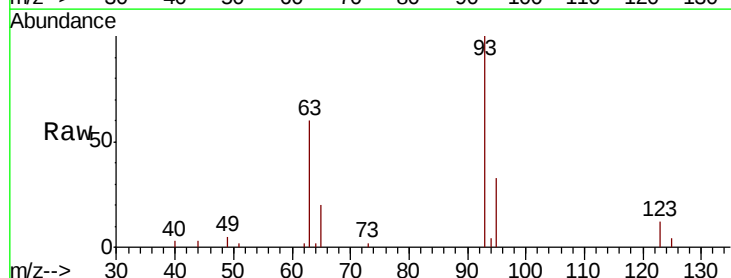
Tgt Ion: 93 Resp: 31564

Ion Ratio Lower Upper

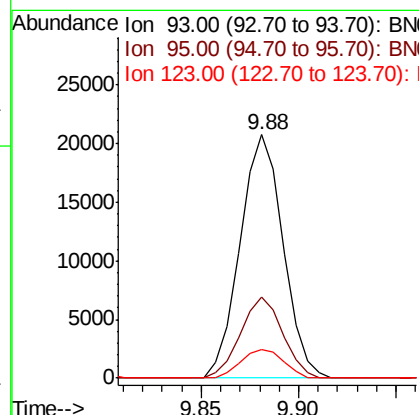
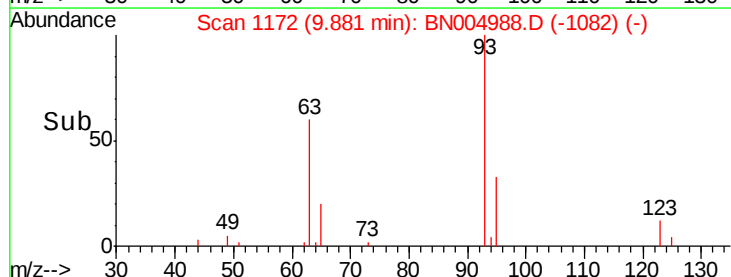
93 100

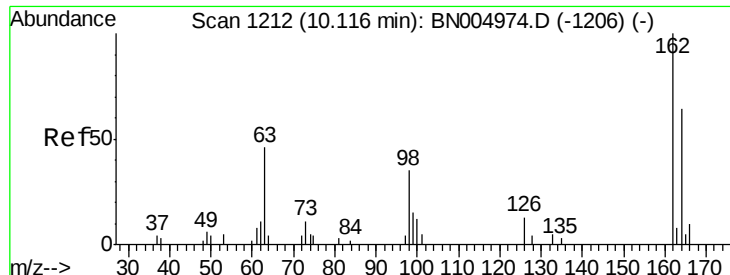
95 33.1 26.2 39.4

123 11.9 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

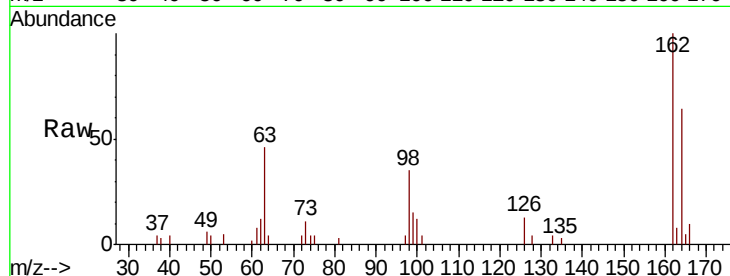




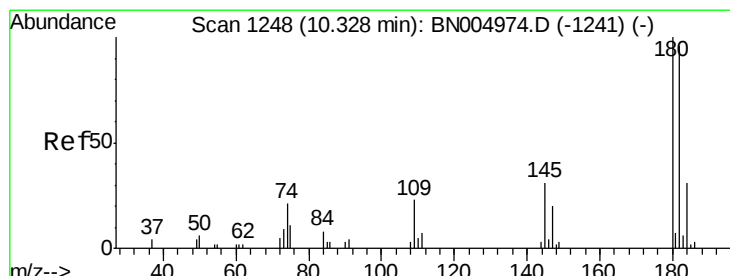
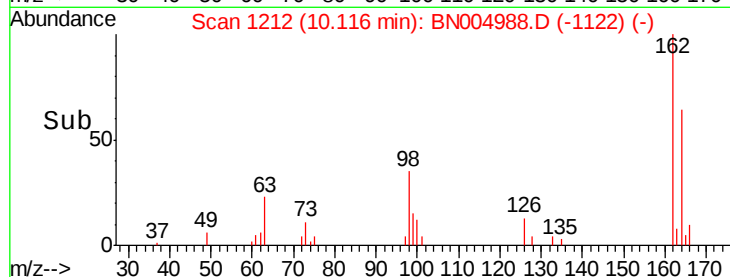
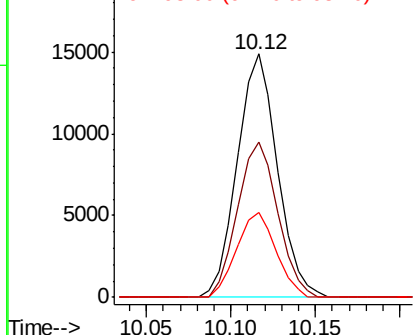
#29  
2,4-Dichlorophenol  
Concen: 40.122 ng  
RT: 10.12 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:162 Resp: 24625  
Ion Ratio Lower Upper  
162 100  
164 63.9 44.3 84.3  
98 34.8 15.3 55.3

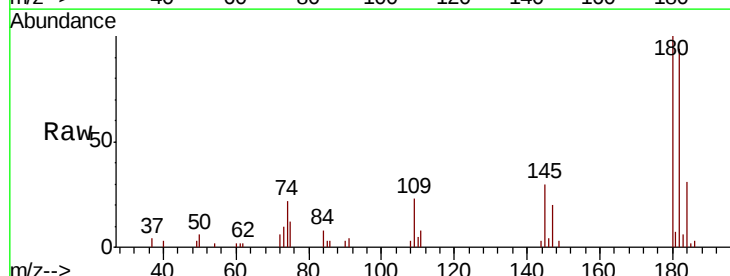


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

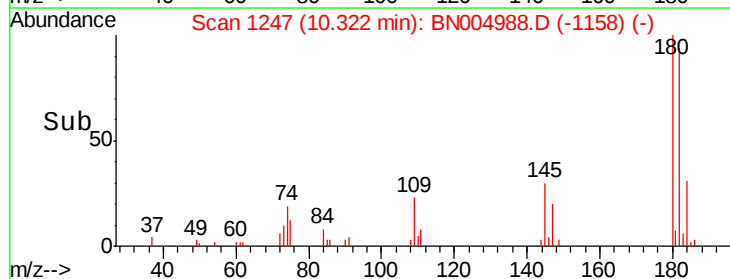
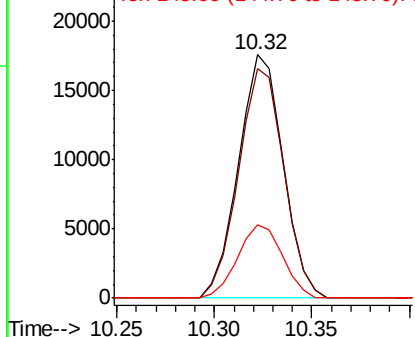


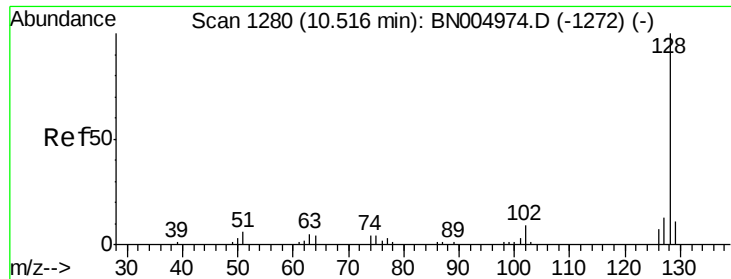
#30  
1,2,4-Trichlorobenzene  
Concen: 41.212 ng  
RT: 10.32 min Scan# 1247  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion:180 Resp: 27863  
Ion Ratio Lower Upper  
180 100  
182 94.5 76.6 114.8  
145 30.1 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

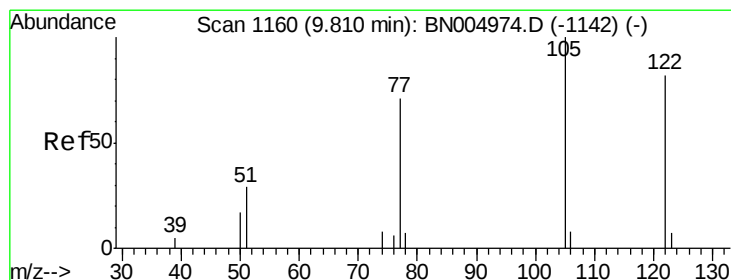
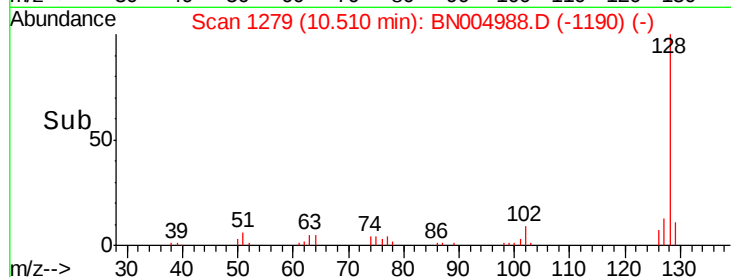
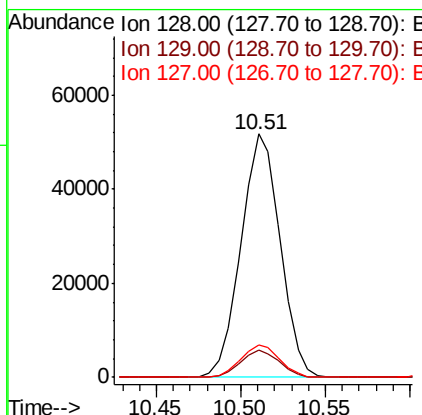
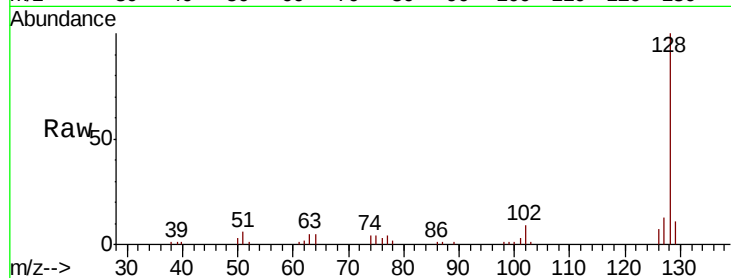




#31  
Naphthalene  
Concen: 40.533 ng  
RT: 10.51 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

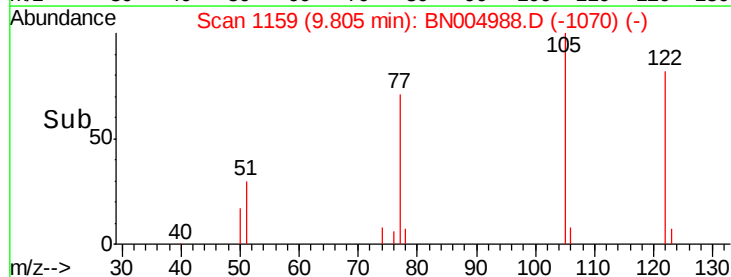
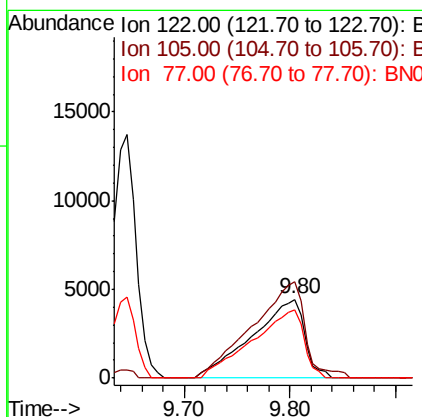
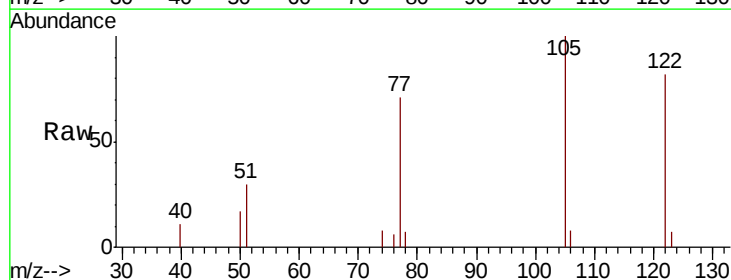
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:128 Resp: 83501  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.3 10.8 16.2



#32  
Benzoic acid  
Concen: 36.724 ng  
RT: 9.80 min Scan# 1159  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion:122 Resp: 15169  
Ion Ratio Lower Upper  
122 100  
105 122.5 102.4 142.4  
77 86.4 67.1 107.1

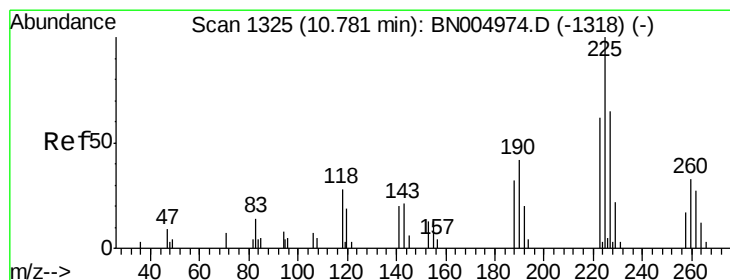
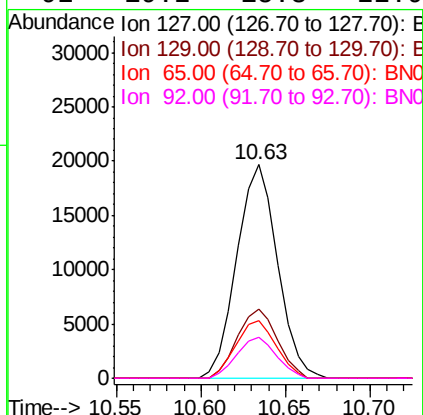
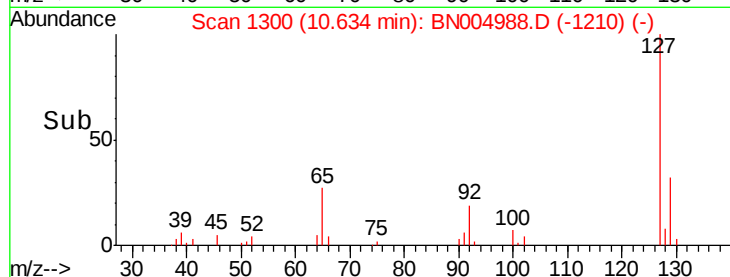
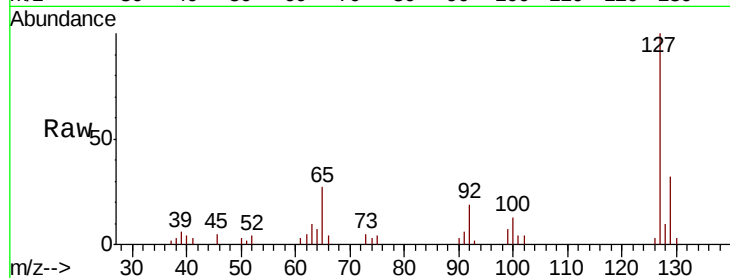




#33  
4-Chloroaniline  
Concen: 39.515 ng  
RT: 10.63 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

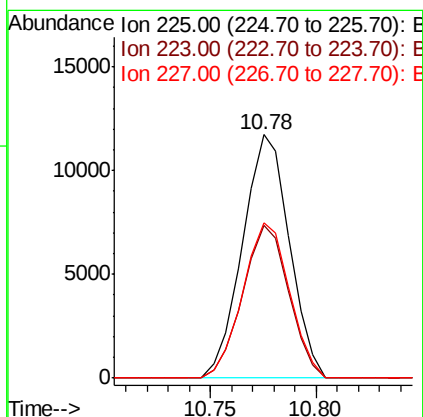
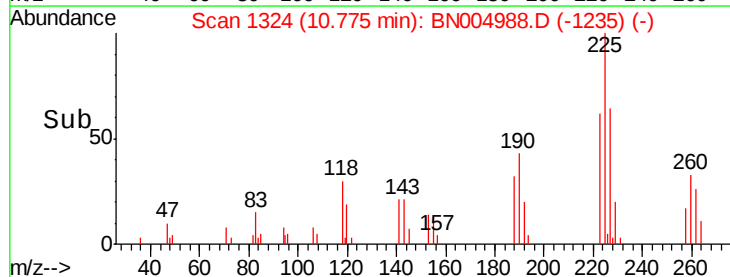
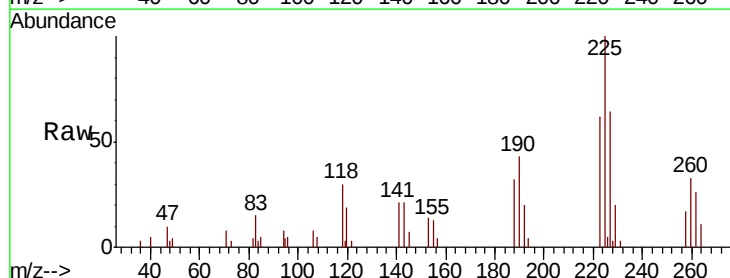
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 33120 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.2  | 25.9  | 38.9  |
| 65       | 27.2  | 21.4  | 32.0  |
| 92       | 19.2  | 15.3  | 22.9  |



#34  
Hexachlorobutadiene  
Concen: 41.267 ng  
RT: 10.78 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 18053 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.5  | 49.7  | 74.5  |
| 227      | 63.8  | 52.0  | 78.0  |

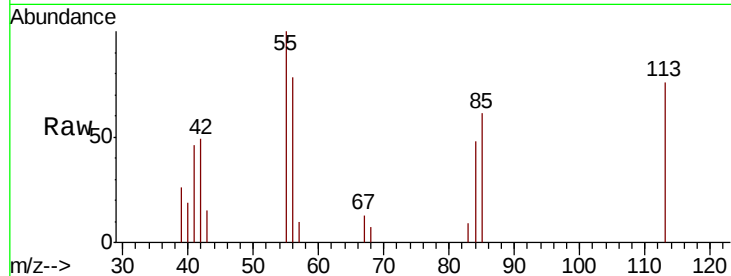




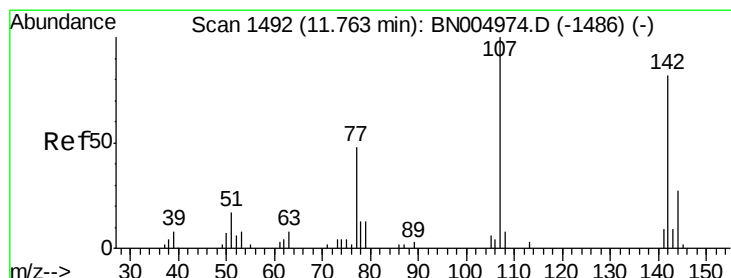
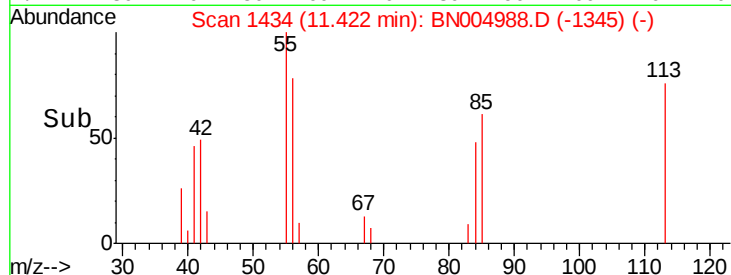
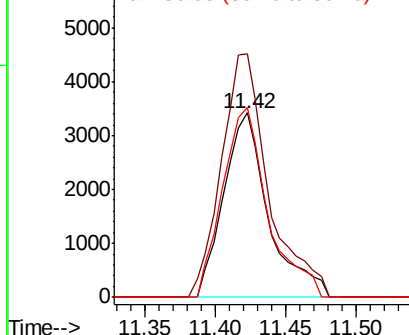
#35  
 Caprolactam  
 Concen: 37.712 ng  
 RT: 11.42 min Scan# 1434  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:113 Resp: 7579  
 Ion Ratio Lower Upper  
 113 100  
 55 131.9 115.8 155.8  
 56 103.0 85.1 125.1

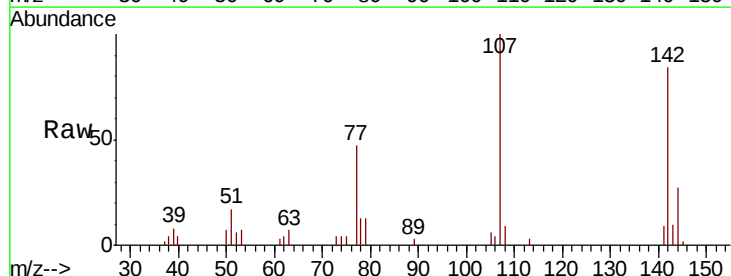


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BNO  
 Ion 56.00 (55.70 to 56.70): BNO

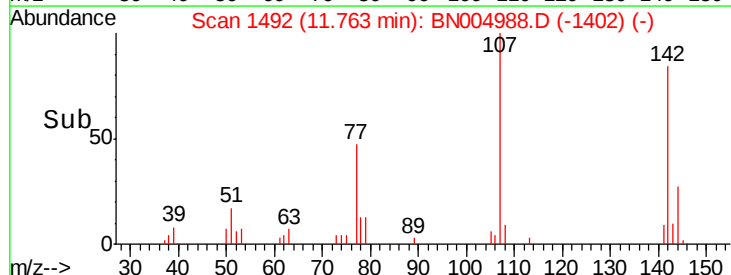
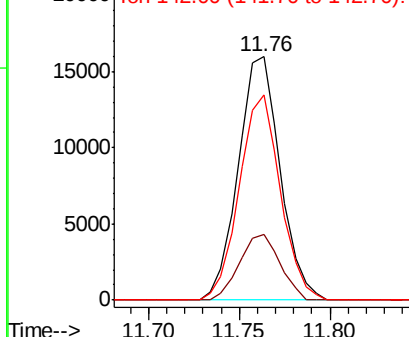


#36  
 4-Chloro-3-methylphenol  
 Concen: 38.786 ng  
 RT: 11.76 min Scan# 1492  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion:107 Resp: 25716  
 Ion Ratio Lower Upper  
 107 100  
 144 26.9 21.3 31.9  
 142 84.2 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

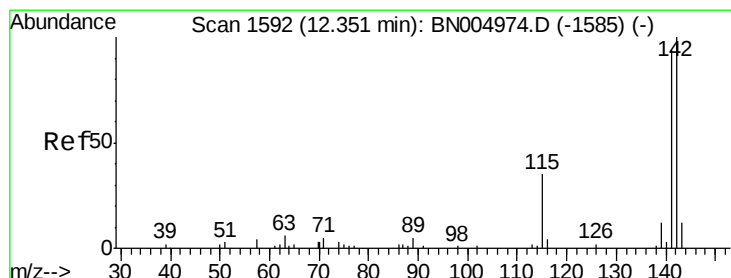
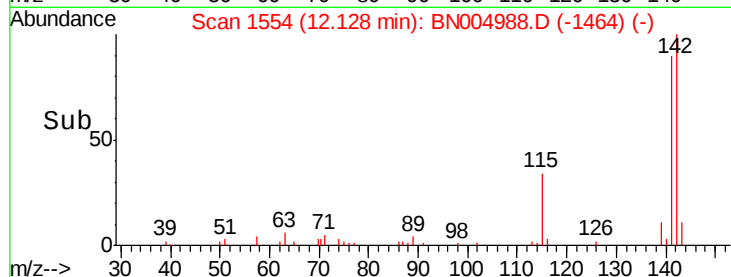
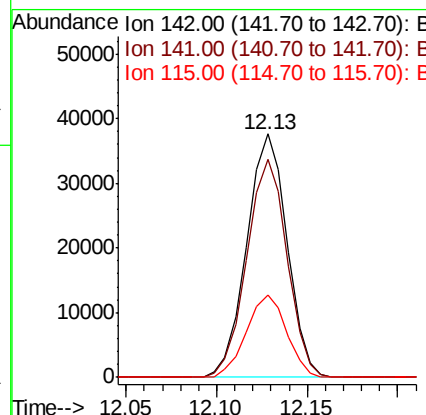
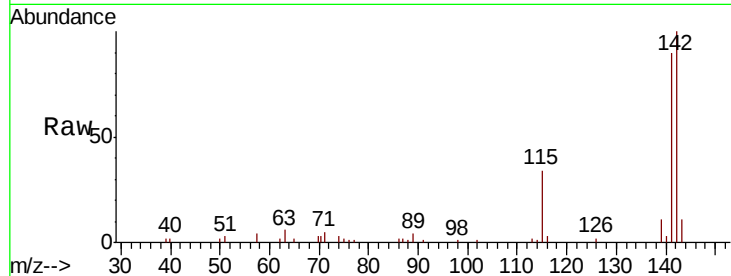




#37  
 2-Methylnaphthalene  
 Concen: 39.945 ng  
 RT: 12.13 min Scan# 1554  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

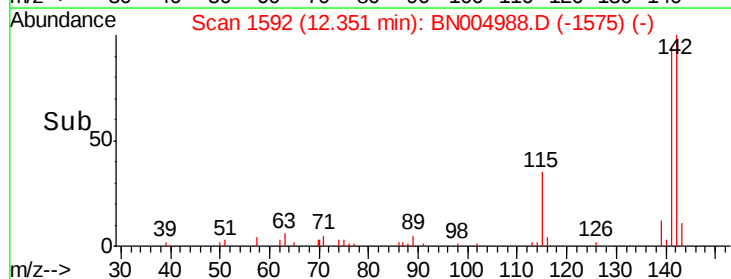
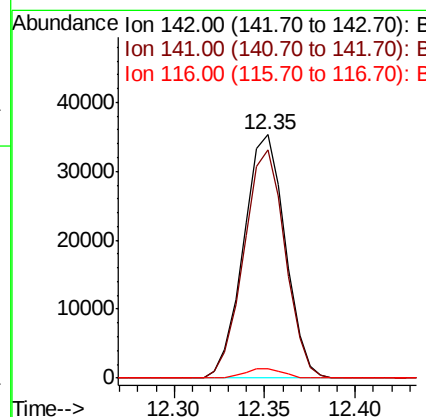
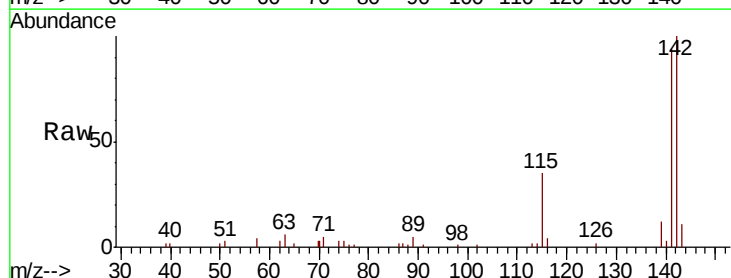
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:142 Resp: 58109  
 Ion Ratio Lower Upper  
 142 100  
 141 89.8 71.8 107.8  
 115 33.9 27.0 40.4



#38  
 1-Methylnaphthalene  
 Concen: 39.579 ng  
 RT: 12.35 min Scan# 1592  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion:142 Resp: 56339  
 Ion Ratio Lower Upper  
 142 100  
 141 93.8 74.9 112.3  
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

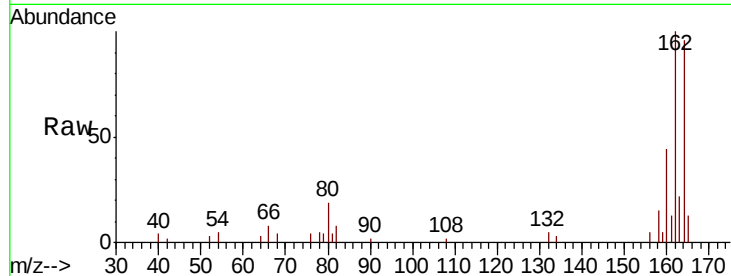
Tgt Ion:164 Resp: 21140

Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.0

160 45.9 36.6 55.0

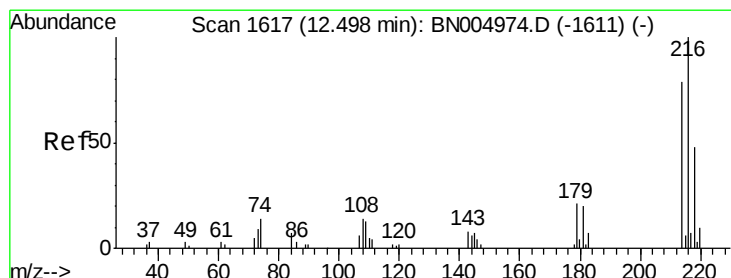
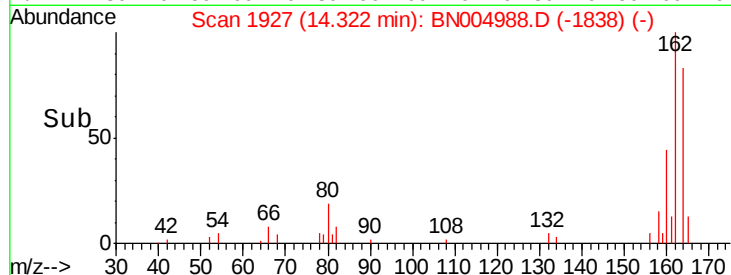
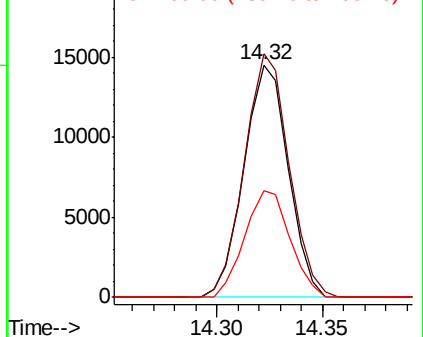


Abundance

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: 41.844 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Tgt Ion:216 Resp: 31375

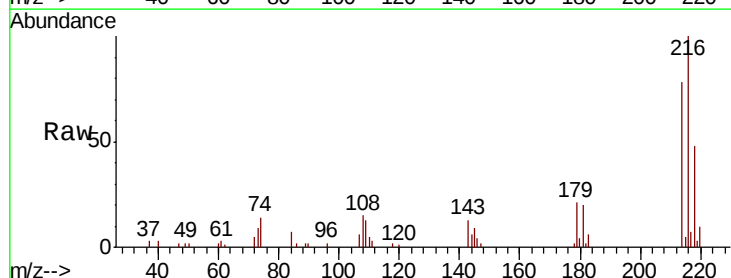
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 20.5 16.4 24.6

108 16.1 12.7 19.1



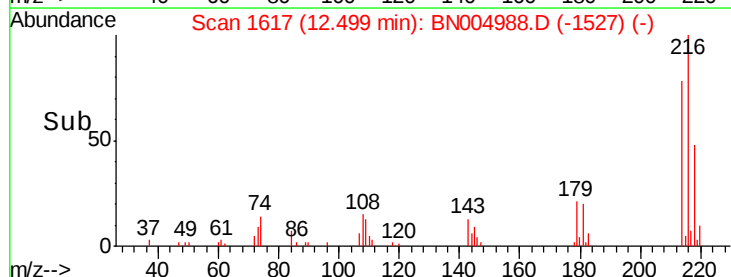
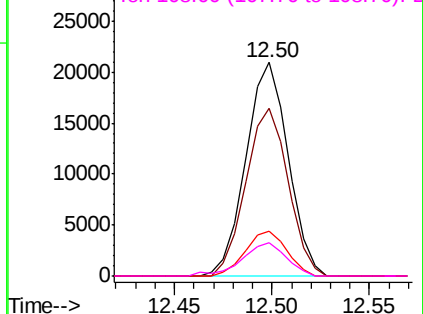
Abundance

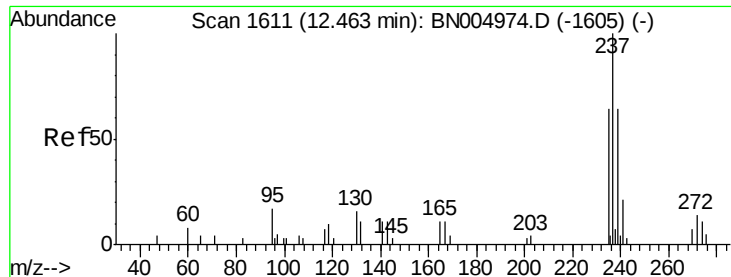
Ion 216.00 (215.70 to 216.70): E

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: 42.082 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

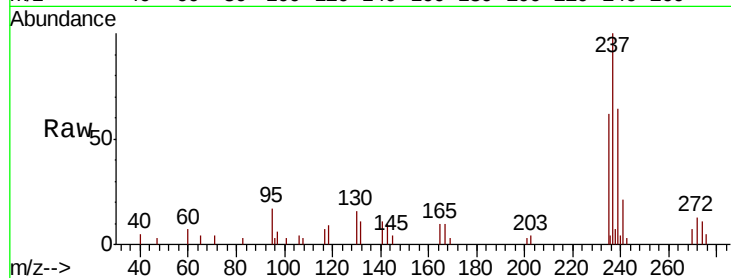
Tgt Ion: 237 Resp: 16899

Ion Ratio Lower Upper

237 100

235 62.2 43.6 83.6

272 13.2 0.0 33.5

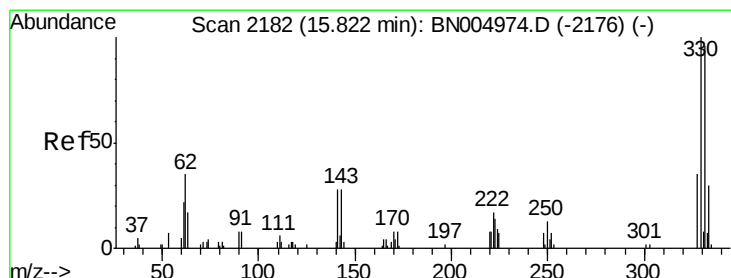
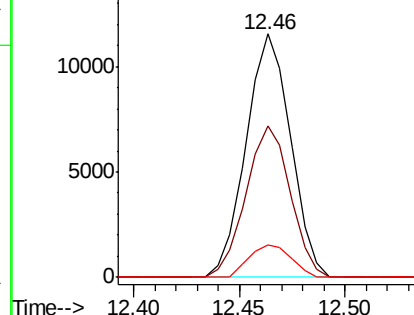
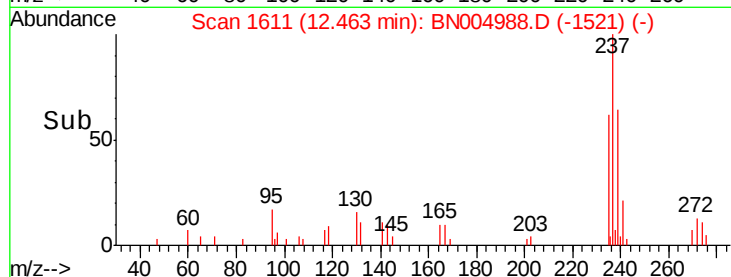


Abundance

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: 77.921 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

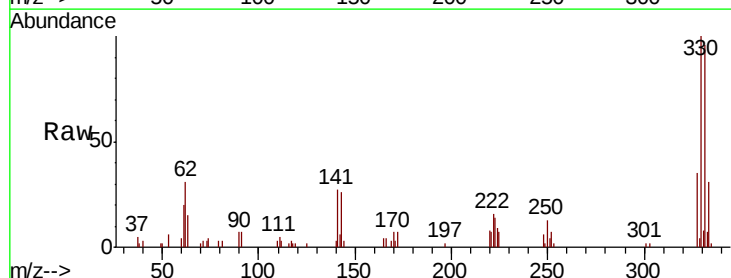
Tgt Ion: 330 Resp: 26567

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.3 22.1 33.1

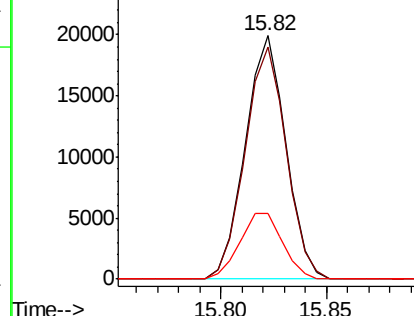
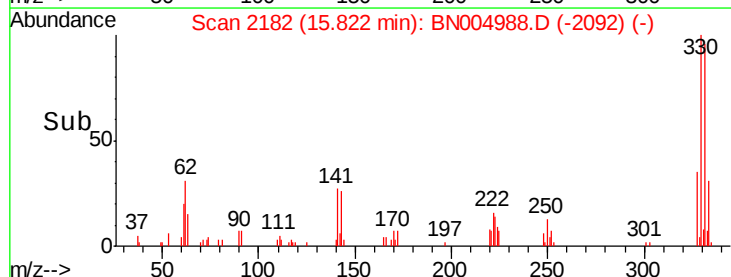


Abundance

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

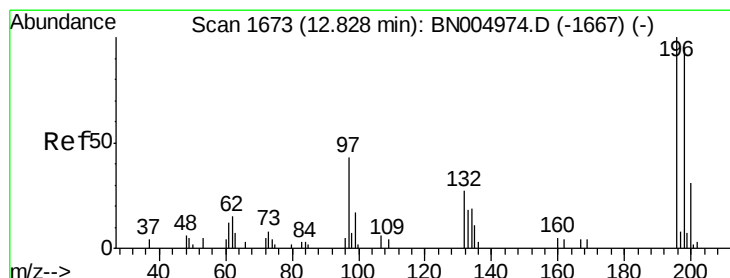
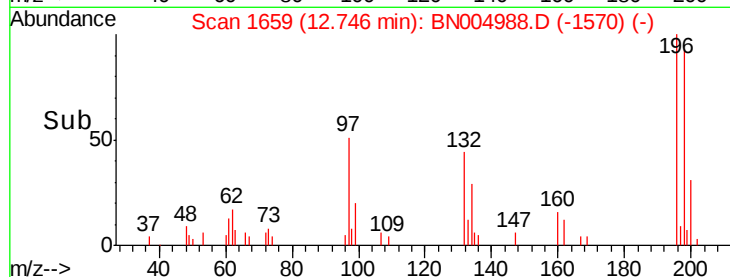
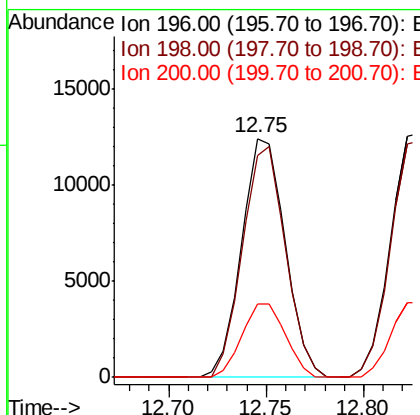
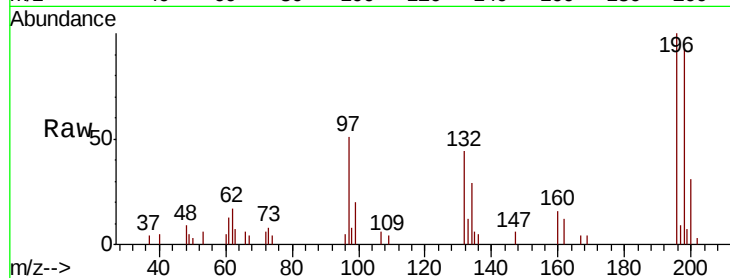




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.306 ng  
 RT: 12.75 min Scan# 1659  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

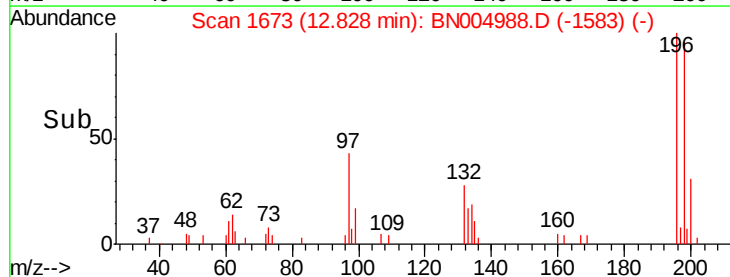
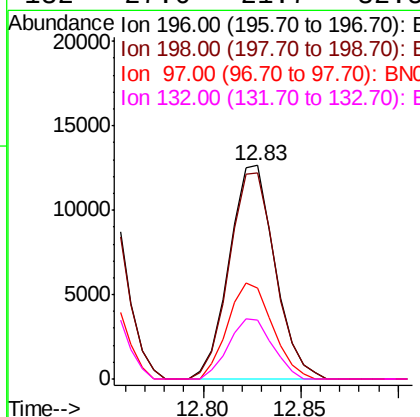
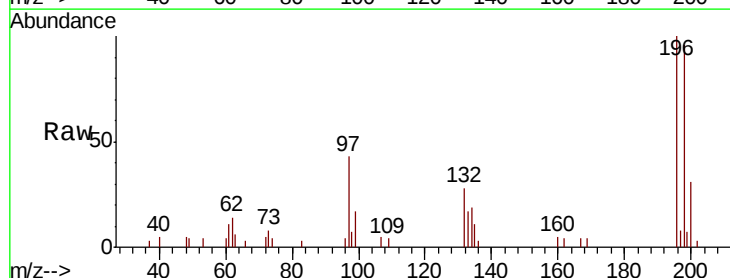
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:196 Resp: 19218  
 Ion Ratio Lower Upper  
 196 100  
 198 93.1 76.5 114.7  
 200 30.7 24.0 36.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.472 ng  
 RT: 12.83 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion:196 Resp: 20514  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 76.1 114.1  
 97 42.6 34.8 52.2  
 132 27.6 21.7 32.5

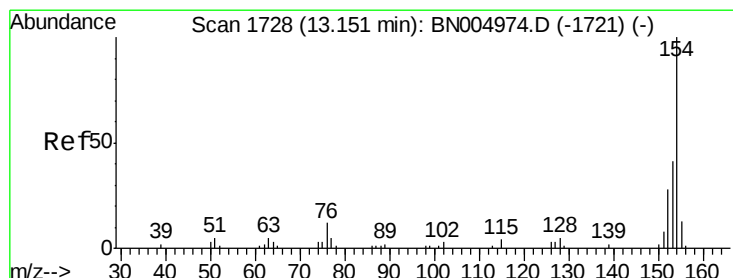
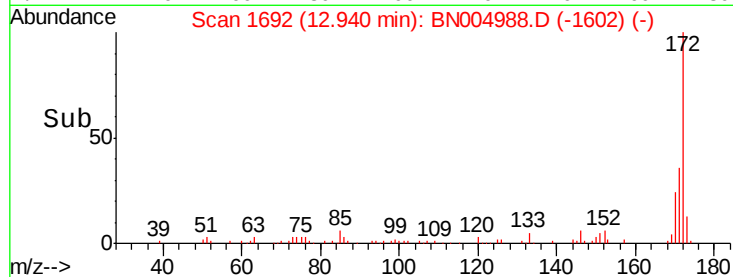
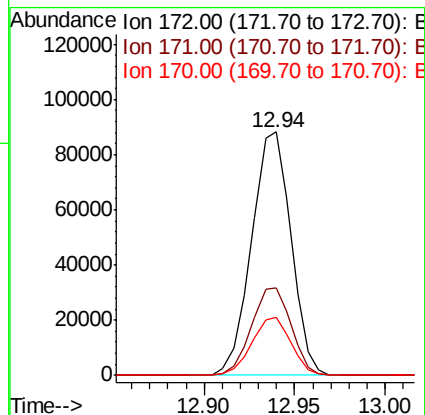
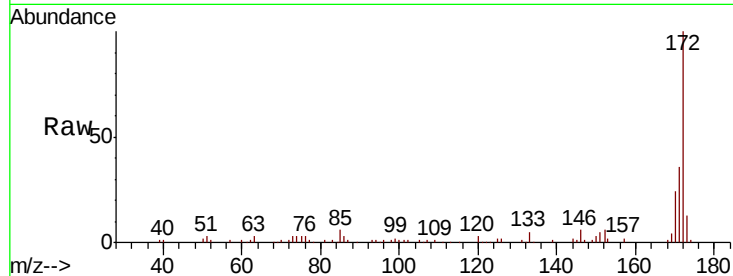




#45  
2-Fluorobiphenyl  
Concen: 83.592 ng  
RT: 12.94 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

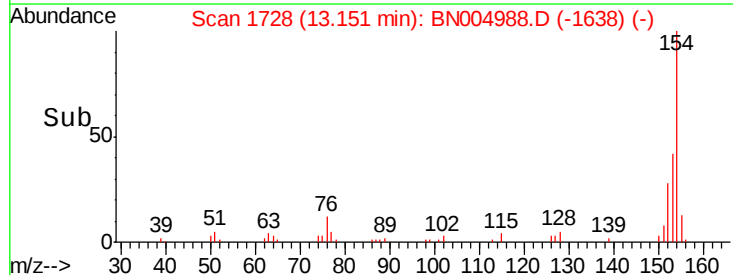
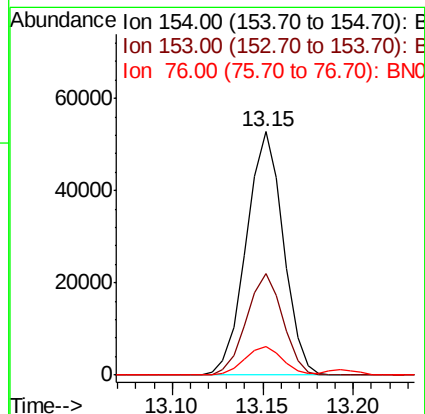
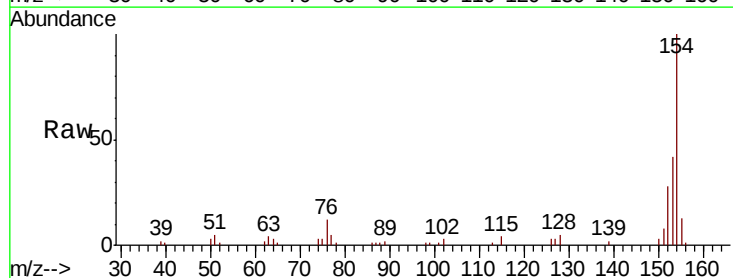
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

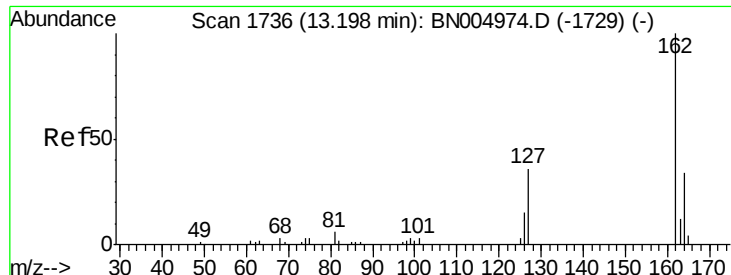
Tgt Ion:172 Resp: 133356  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 42.8  
170 23.8 18.9 28.3



#46  
1,1'-Biphenyl  
Concen: 41.860 ng  
RT: 13.15 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion:154 Resp: 74896  
Ion Ratio Lower Upper  
154 100  
153 41.8 21.2 61.2  
76 12.0 0.0 32.2

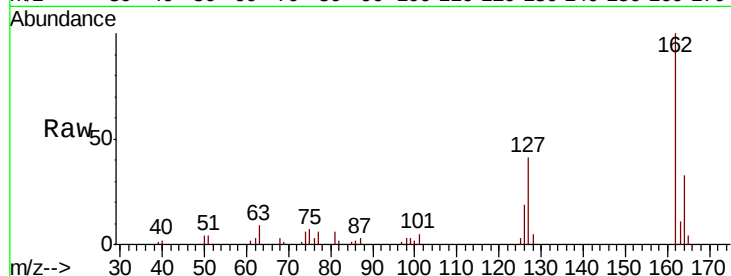




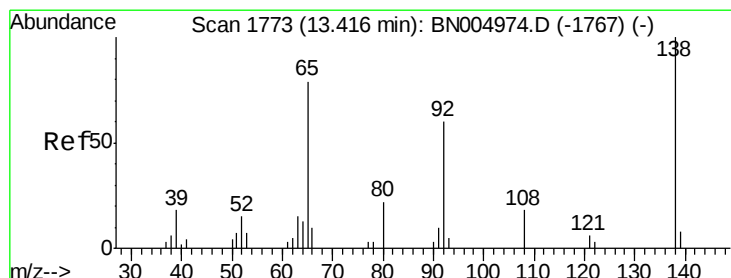
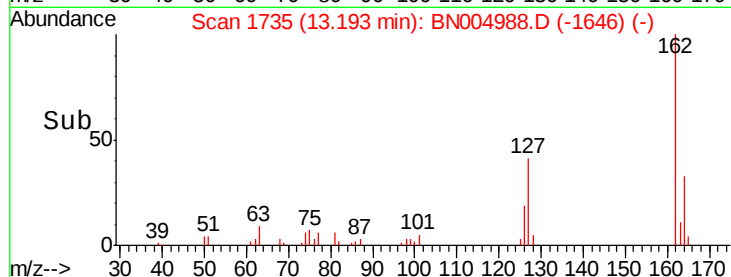
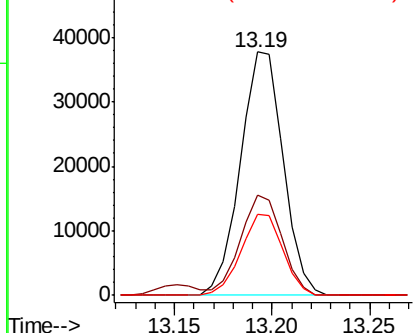
#47  
 2-Chloronaphthalene  
 Concen: 41.609 ng  
 RT: 13.19 min Scan# 1735  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 162 Resp: 57130  
 Ion Ratio Lower Upper  
 162 100  
 127 41.1 32.4 48.6  
 164 33.2 26.8 40.2

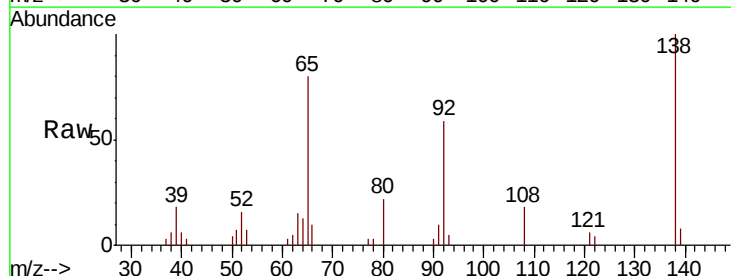


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

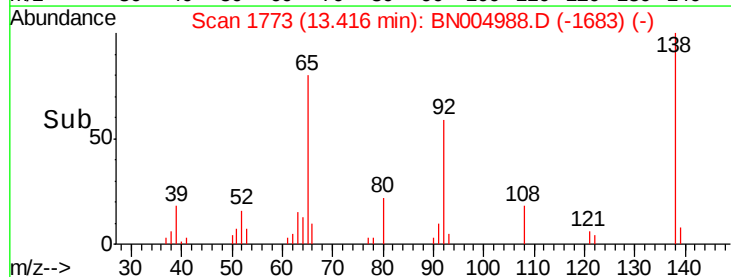
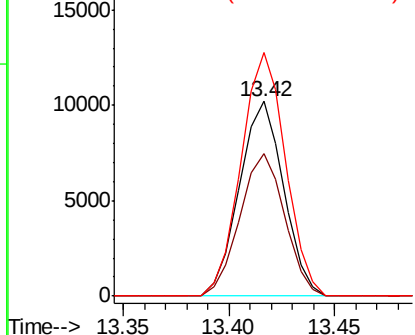


#48  
 2-Nitroaniline  
 Concen: 40.641 ng  
 RT: 13.42 min Scan# 1773  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion: 65 Resp: 14854  
 Ion Ratio Lower Upper  
 65 100  
 92 73.4 60.2 90.4  
 138 125.1 101.1 151.7



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: 41.041 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

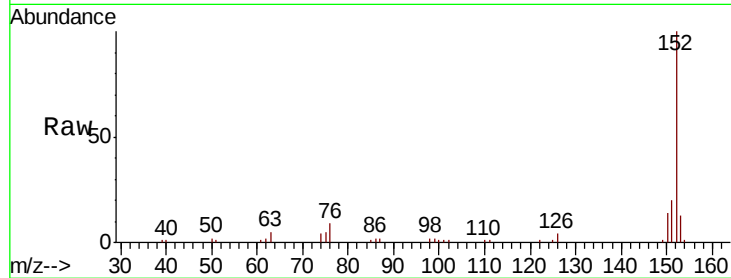
Tgt Ion:152 Resp: 94777

Ion Ratio Lower Upper

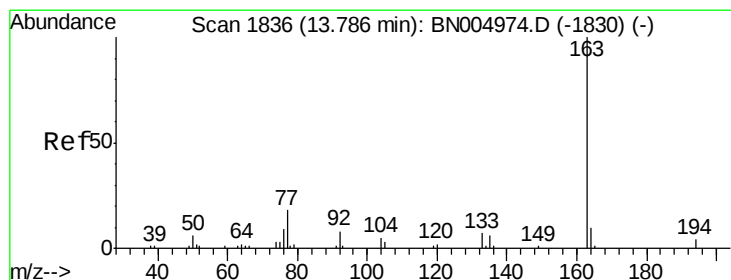
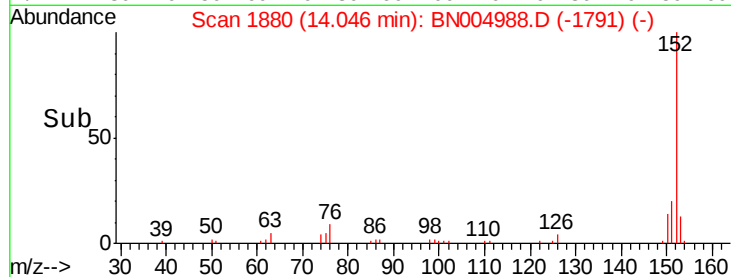
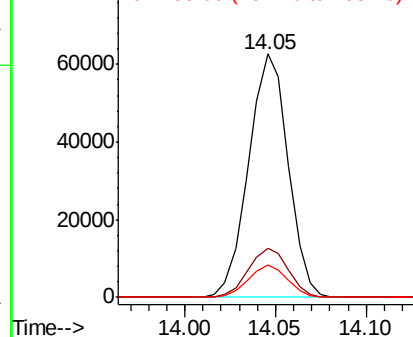
152 100

151 20.4 16.2 24.2

153 13.1 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: 40.026 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

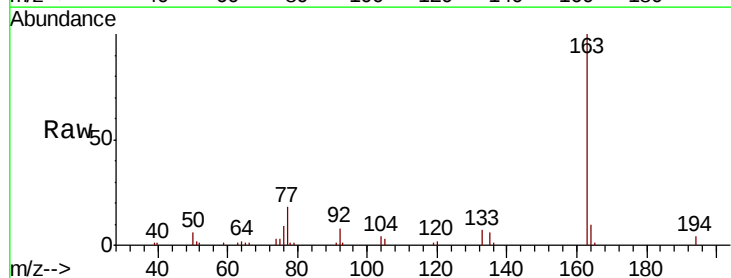
Tgt Ion:163 Resp: 69517

Ion Ratio Lower Upper

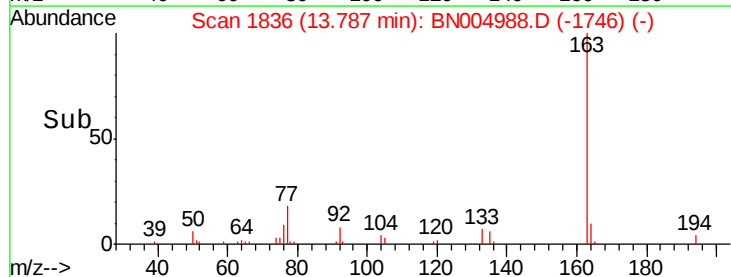
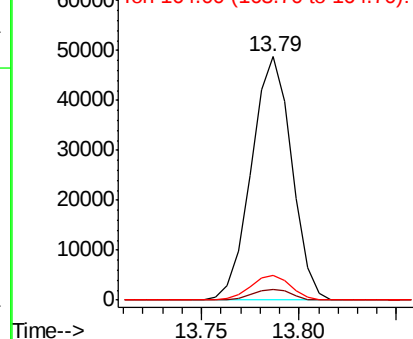
163 100

194 4.3 3.4 5.0

164 10.2 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

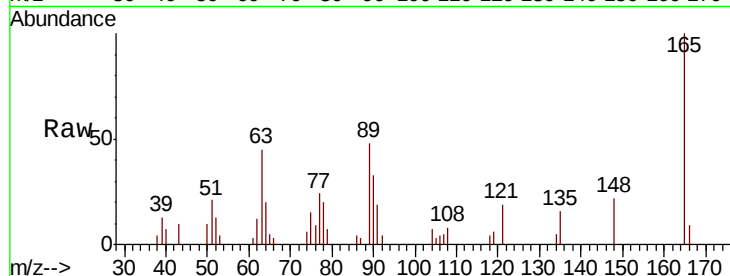




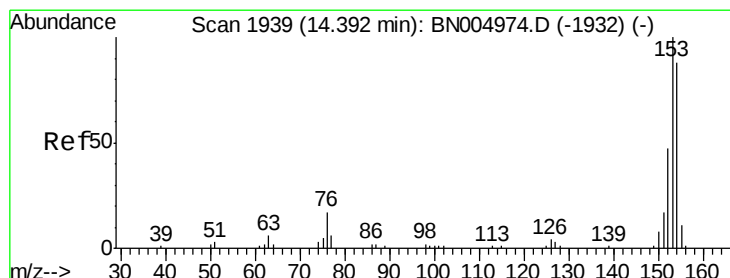
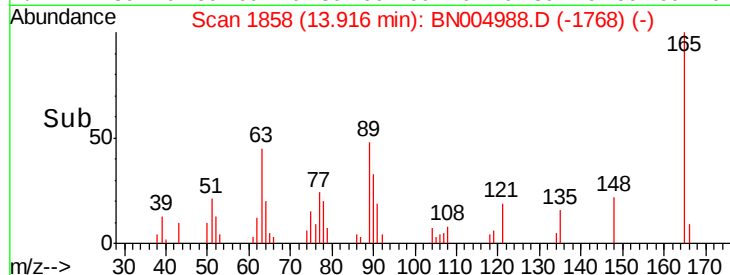
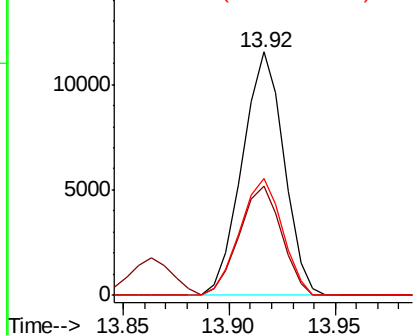
#51  
2,6-Dinitrotoluene  
Concen: 40.105 ng  
RT: 13.92 min Scan# 1858  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:165 Resp: 15850  
Ion Ratio Lower Upper  
165 100  
63 44.7 37.3 55.9  
89 47.9 39.2 58.8

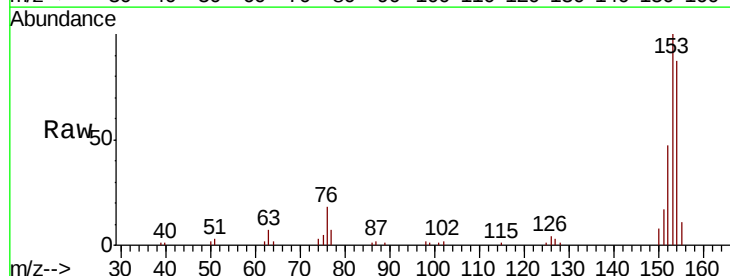


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BNO  
Ion 89.00 (88.70 to 89.70): BNO

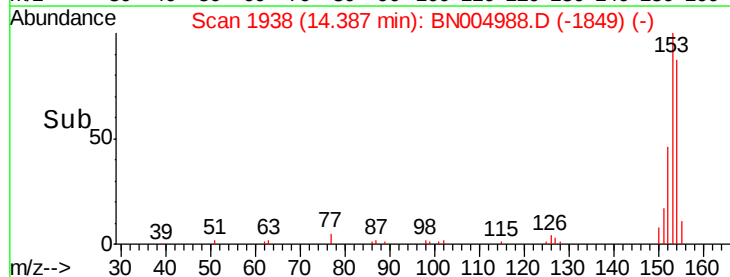
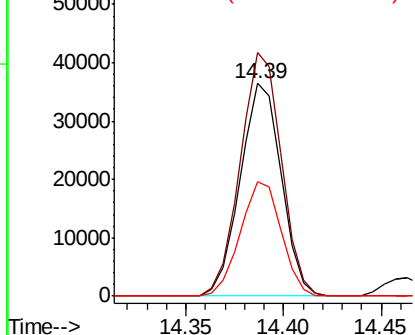


#52  
Acenaphthene  
Concen: 40.935 ng  
RT: 14.39 min Scan# 1938  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion:154 Resp: 53178  
Ion Ratio Lower Upper  
154 100  
153 114.4 91.0 136.4  
152 53.9 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: 39.475 ng

RT: 14.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

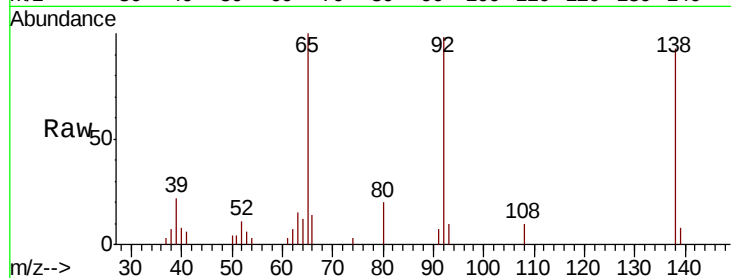
Tgt Ion:138 Resp: 15945

Ion Ratio Lower Upper

138 100

108 10.8 8.6 12.8

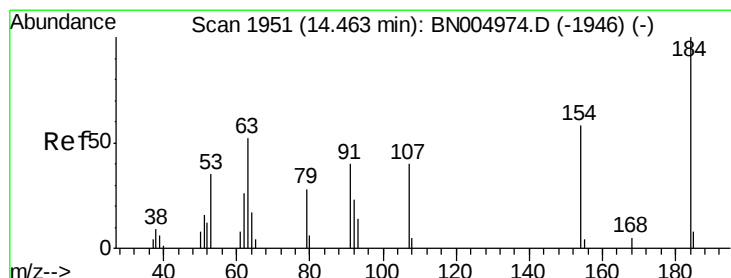
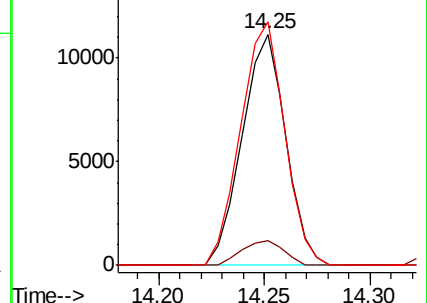
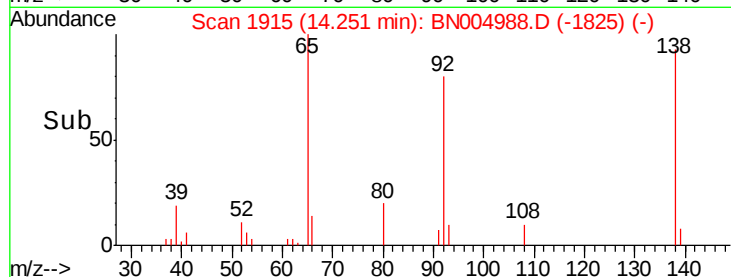
92 105.5 86.9 130.3



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): BNC



#54

2,4-Dinitrophenol

Concen: 37.994 ng

RT: 14.46 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

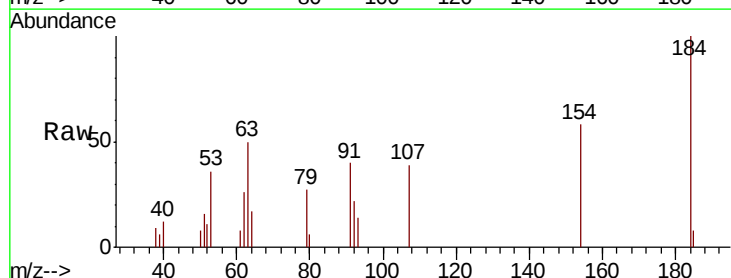
Tgt Ion:184 Resp: 7975

Ion Ratio Lower Upper

184 100

63 50.1 41.6 62.4

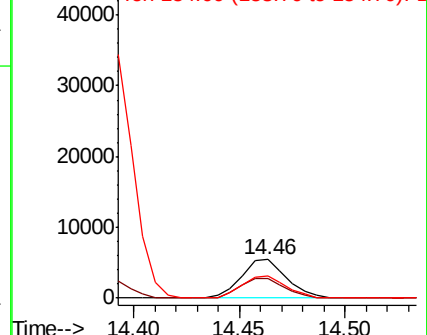
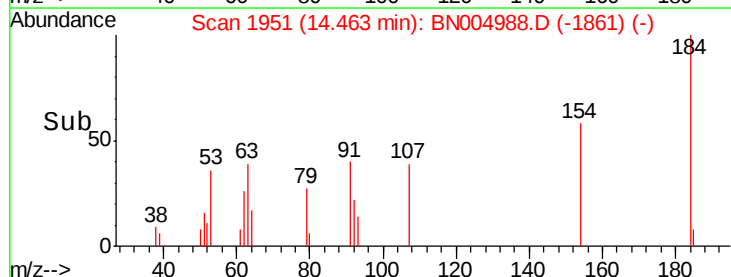
154 57.8 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.815 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

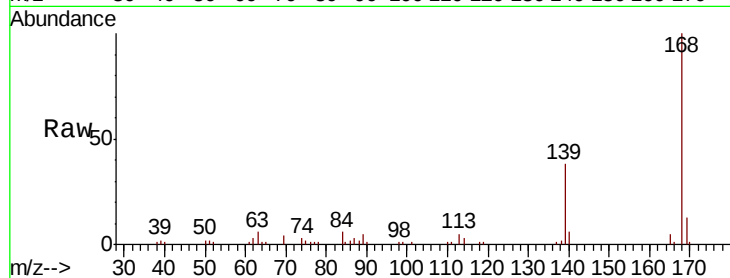
Tgt Ion:168 Resp: 84369

Ion Ratio Lower Upper

168 100

139 38.3 29.9 44.9

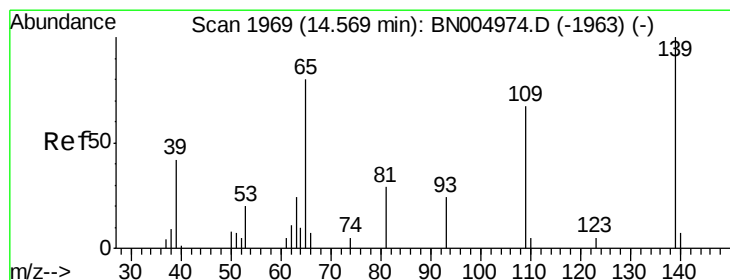
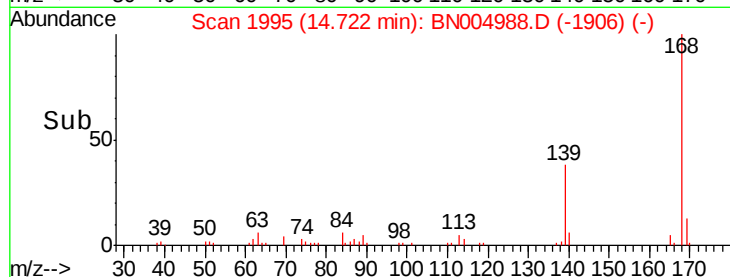
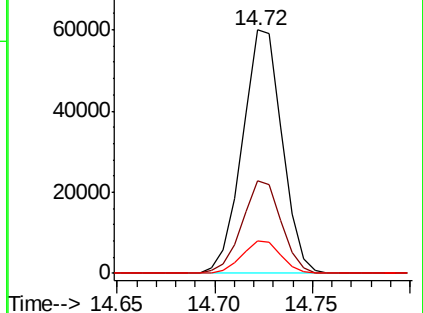
169 13.4 10.6 15.8



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: 37.849 ng

RT: 14.56 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

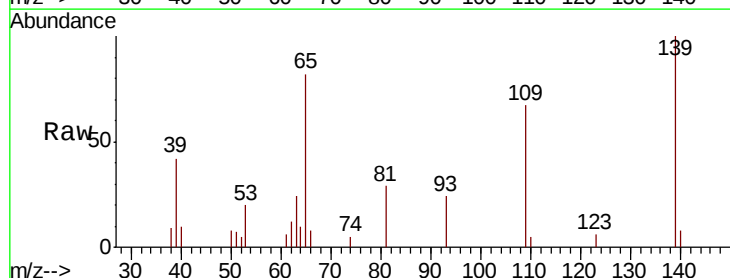
Tgt Ion:139 Resp: 12044

Ion Ratio Lower Upper

139 100

109 66.6 46.5 86.5

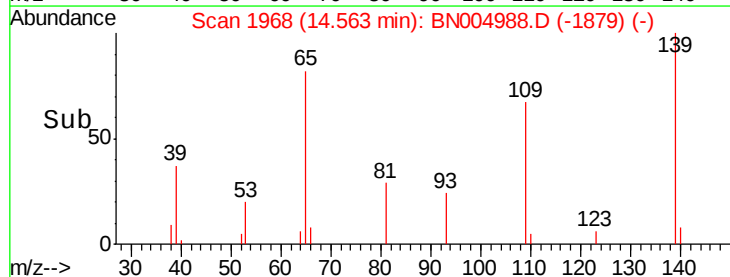
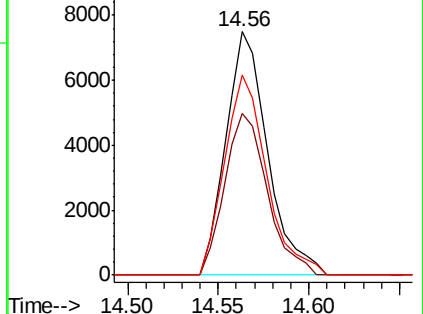
65 82.2 59.5 99.5

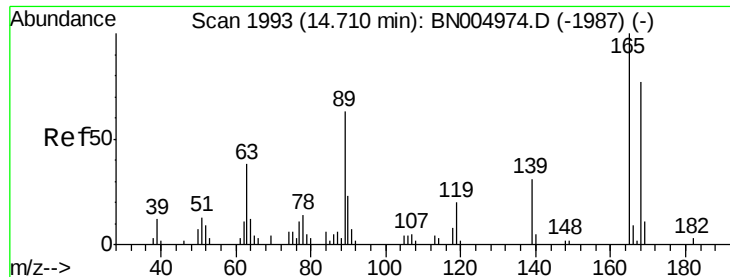


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNO

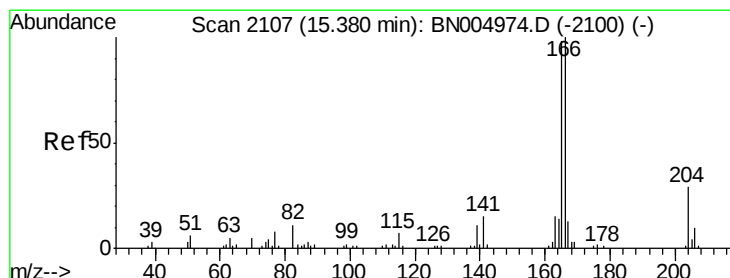
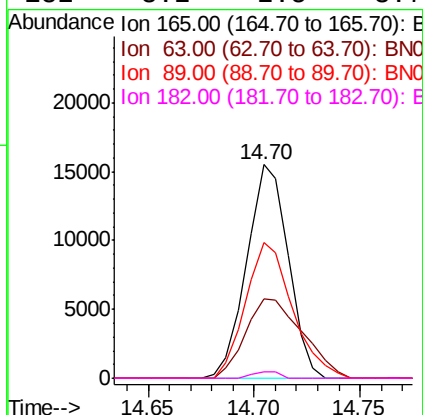
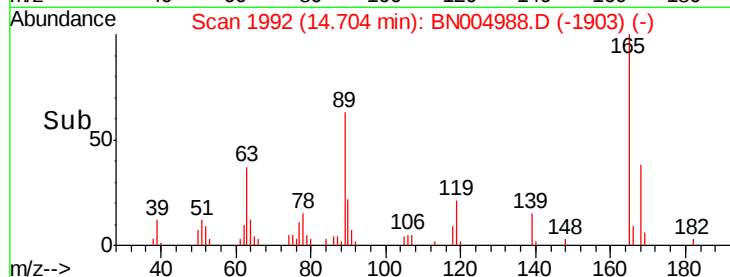
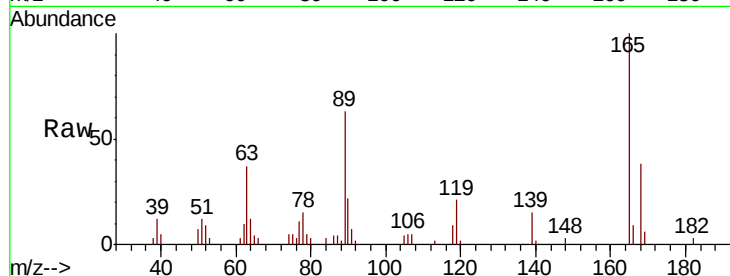




#57  
 2,4-Dinitrotoluene  
 Concen: 39.522 ng  
 RT: 14.70 min Scan# 1992  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

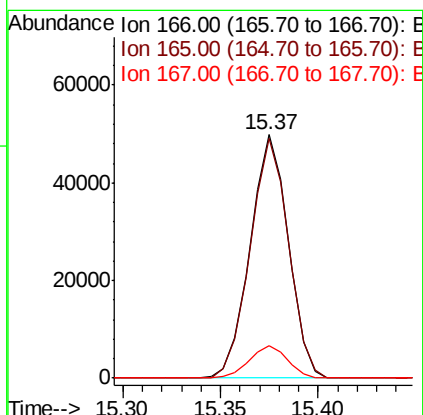
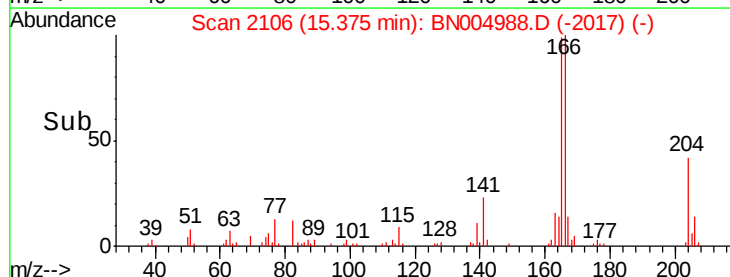
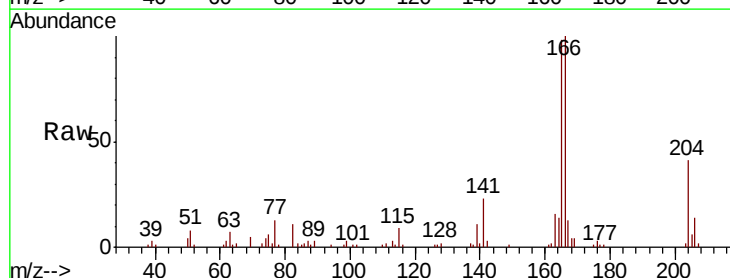
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:165 Resp: 21227  
 Ion Ratio Lower Upper  
 165 100  
 63 37.2 30.4 45.6  
 89 63.4 50.7 76.1  
 182 3.2 2.5 3.7



#58  
 Fluorene  
 Concen: 40.444 ng  
 RT: 15.37 min Scan# 2106  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion:166 Resp: 67536  
 Ion Ratio Lower Upper  
 166 100  
 165 98.4 78.3 117.5  
 167 13.4 10.6 15.8

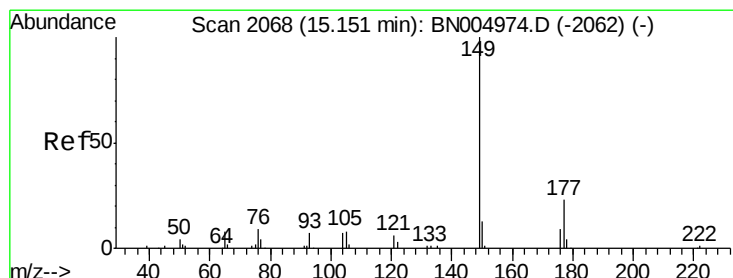
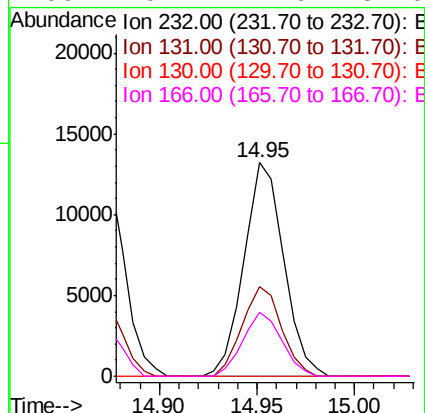
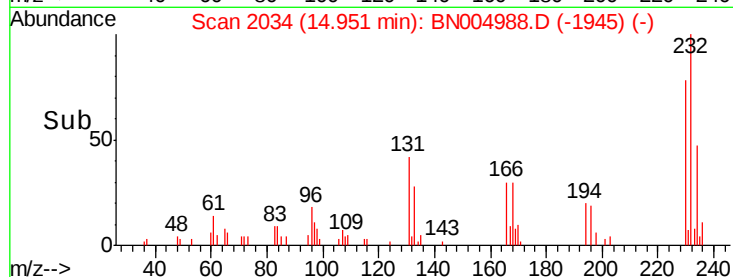
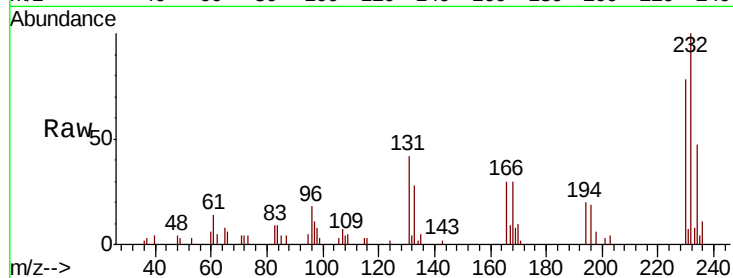




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.857 ng  
 RT: 14.95 min Scan# 2034  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

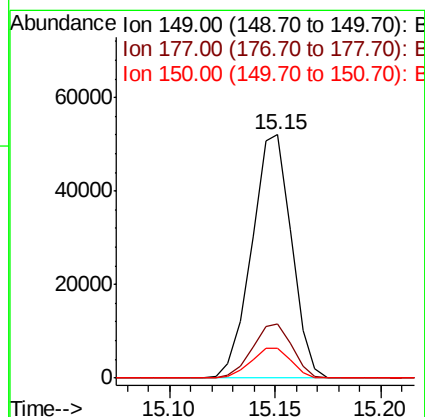
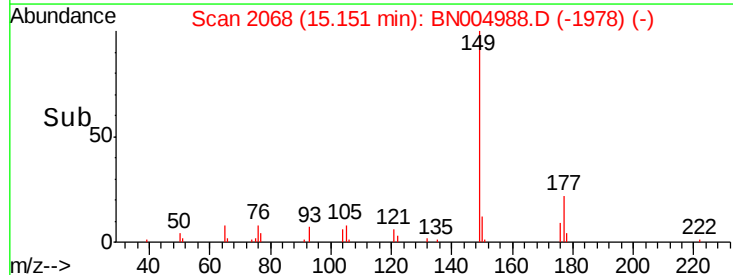
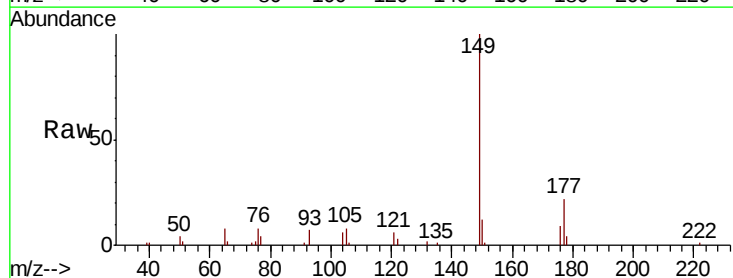
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

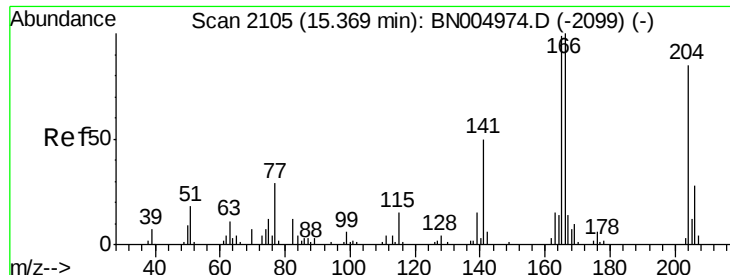
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 18731 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 41.3  | 32.4  | 48.6  |
| 130       | 0.0   | 0.9   | 1.3#  |
| 166       | 29.2  | 22.6  | 34.0  |



#60  
 Diethylphthalate  
 Concen: 39.273 ng  
 RT: 15.15 min Scan# 2068  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 68065 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 177       | 22.4  | 18.1  | 27.1  |
| 150       | 12.4  | 10.1  | 15.1  |

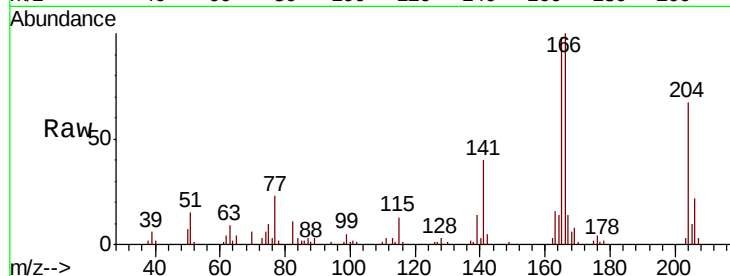




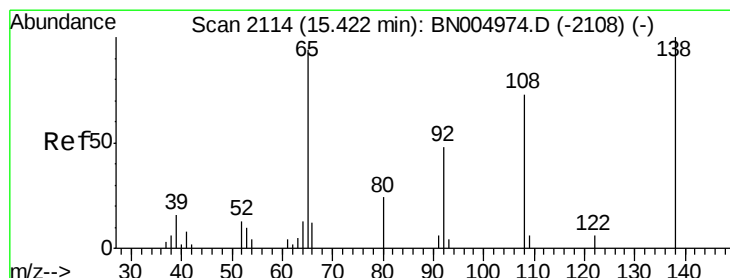
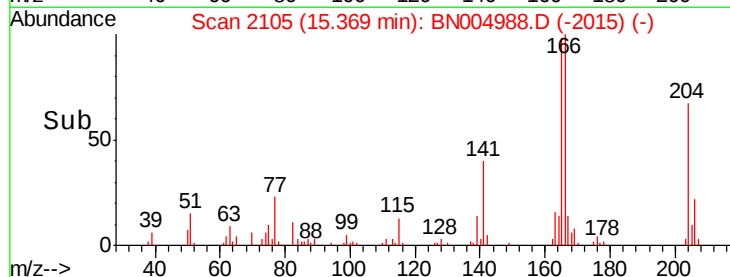
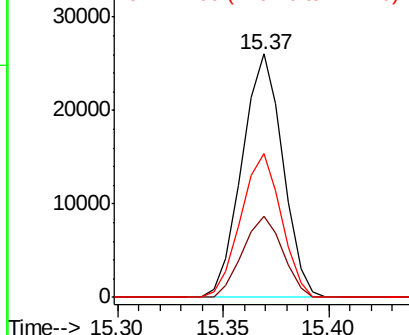
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.463 ng  
 RT: 15.37 min Scan# 2105  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion:204 Resp: 34857  
 Ion Ratio Lower Upper  
 204 100  
 206 33.0 26.5 39.7  
 141 59.3 47.2 70.8

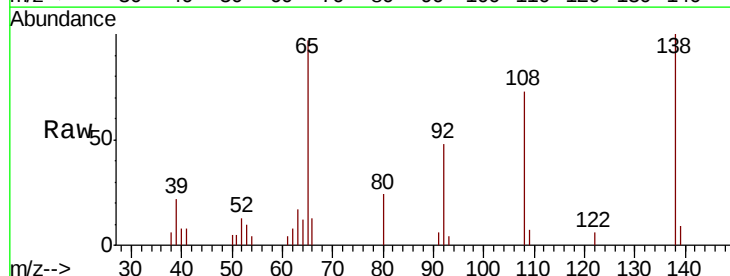


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

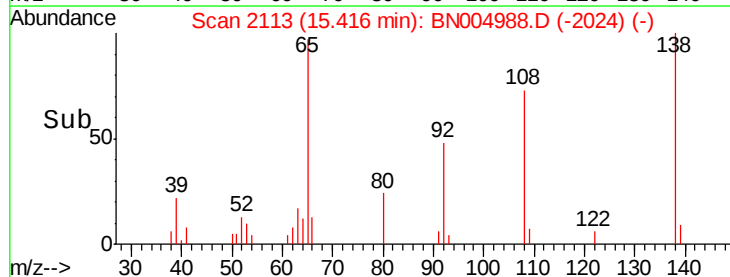
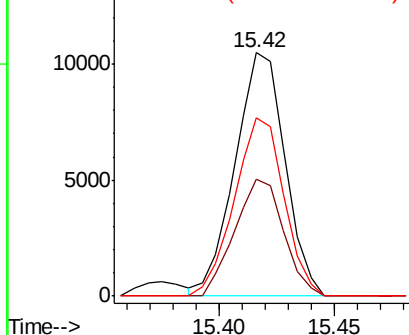


#62  
 4-Nitroaniline  
 Concen: 39.045 ng  
 RT: 15.42 min Scan# 2113  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion:138 Resp: 15846  
 Ion Ratio Lower Upper  
 138 100  
 92 48.2 26.4 66.4  
 108 73.1 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: 40.190 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 57982

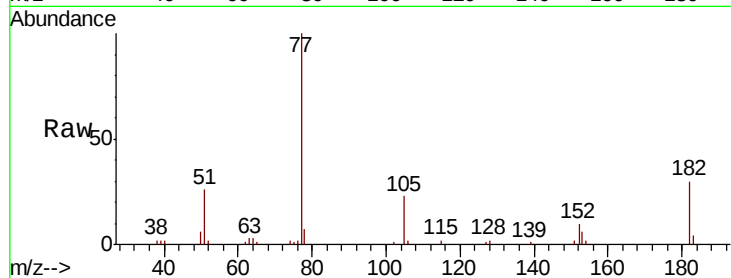
Ion Ratio Lower Upper

77 100

182 30.2 10.0 50.0

105 22.8 2.9 42.9

51 25.7 6.0 46.0

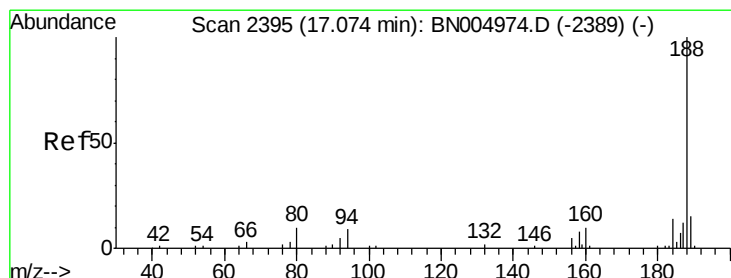
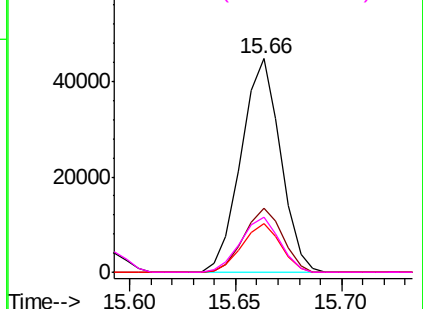
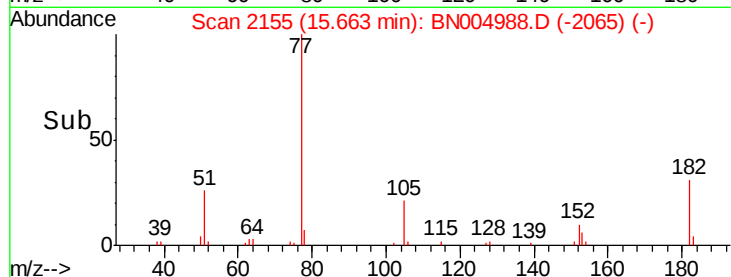


Abundance Ion 77.00 (76.70 to 77.70): BNC

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# 2395

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

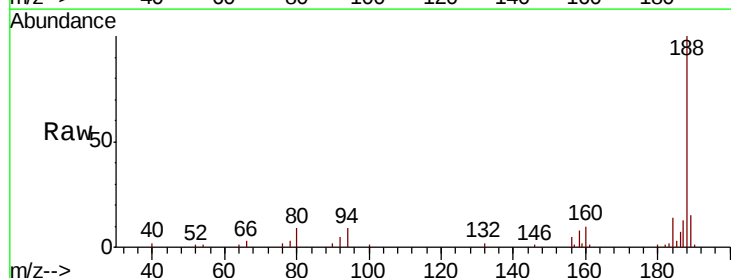
Tgt Ion: 188 Resp: 44194

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

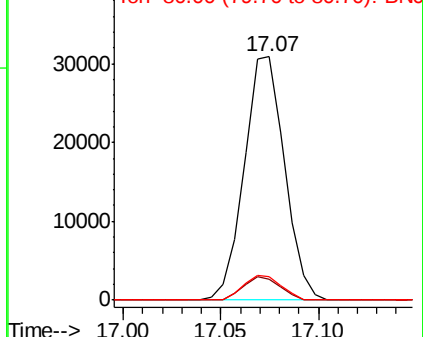
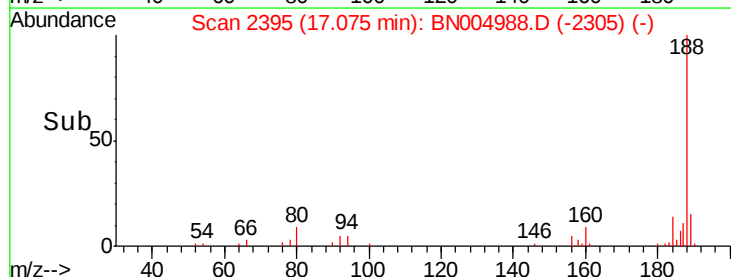
80 9.4 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.054 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

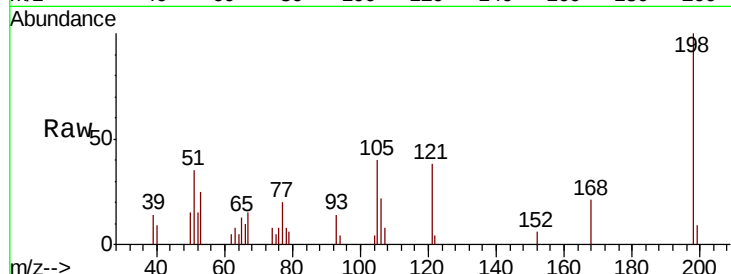
Tgt Ion:198 Resp: 11415

Ion Ratio Lower Upper

198 100

51 34.8 12.0 52.0

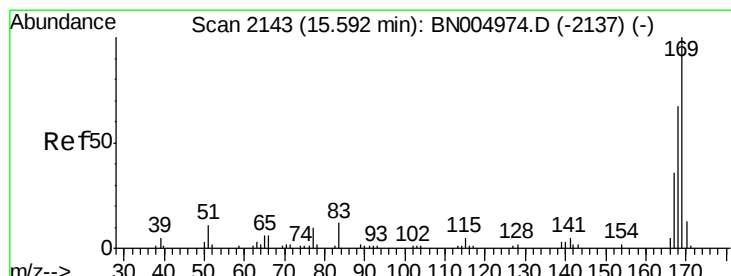
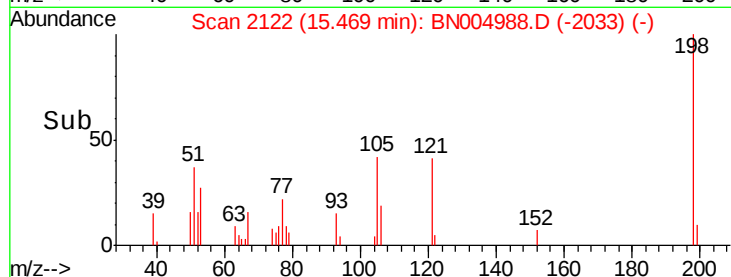
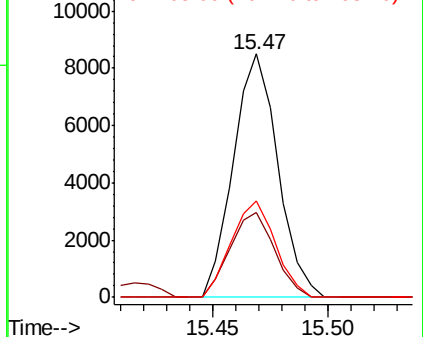
105 39.6 17.6 57.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.325 ng

RT: 15.59 min Scan# 2143

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

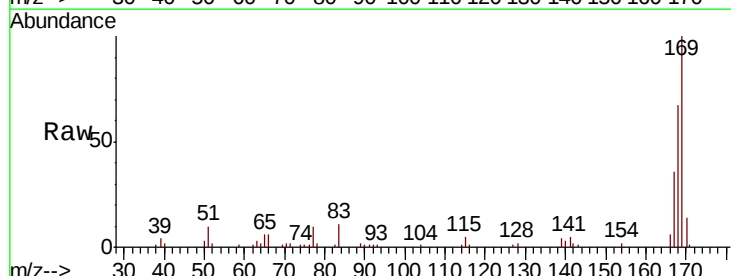
Tgt Ion:169 Resp: 57528

Ion Ratio Lower Upper

169 100

168 67.4 53.4 80.2

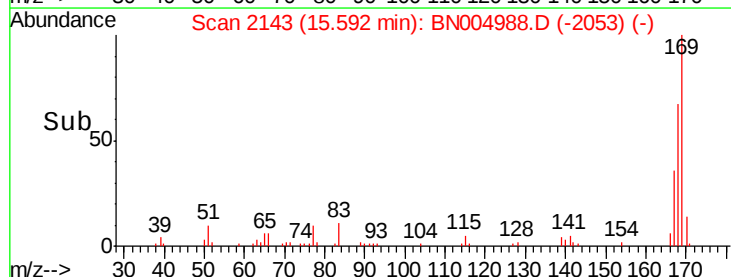
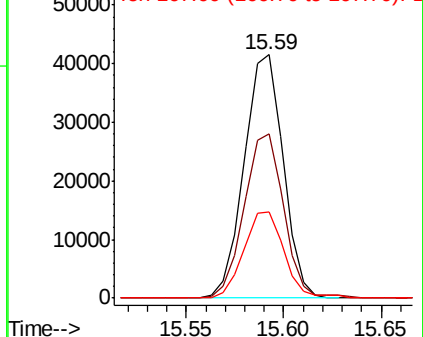
167 35.6 28.9 43.3



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

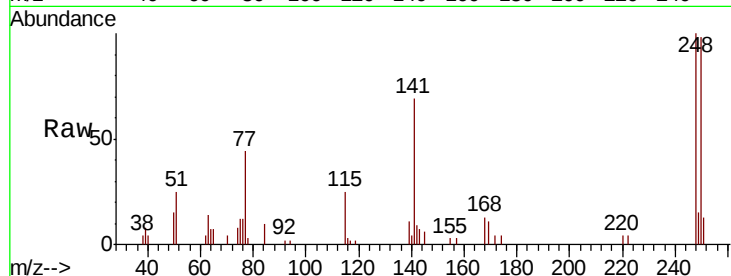




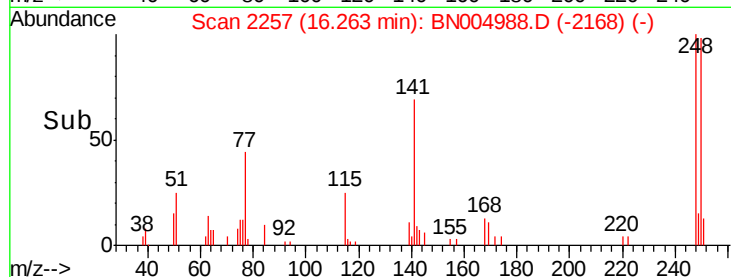
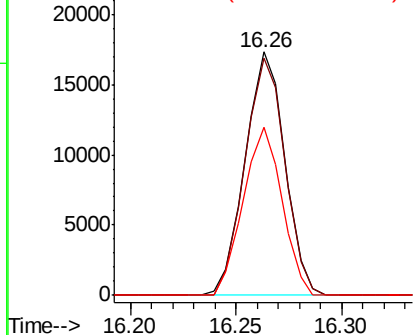
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.108 ng  
 RT: 16.26 min Scan# 2257  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 248 Resp: 22671  
 Ion Ratio Lower Upper  
 248 100  
 250 97.6 79.4 119.2  
 141 69.3 52.3 78.5

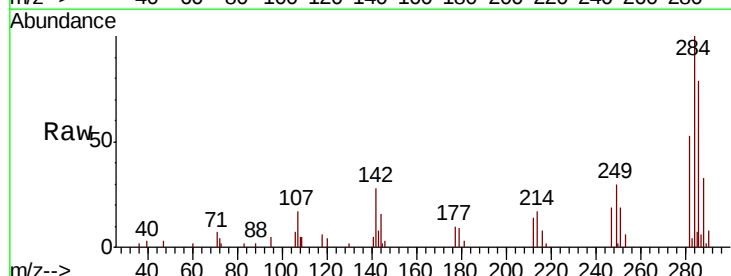


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

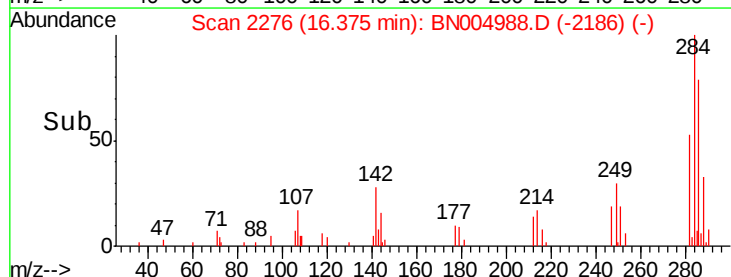
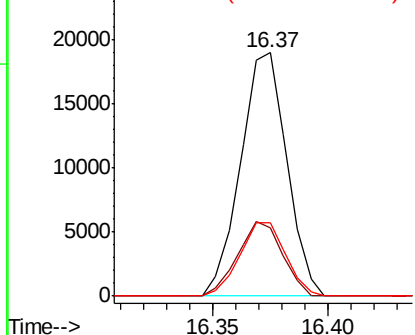


#68  
 Hexachlorobenzene  
 Concen: 40.972 ng  
 RT: 16.37 min Scan# 2276  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion: 284 Resp: 26473  
 Ion Ratio Lower Upper  
 284 100  
 142 28.0 23.5 35.3  
 249 30.3 24.5 36.7



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





#69

Atrazine

Concen: 39.447 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

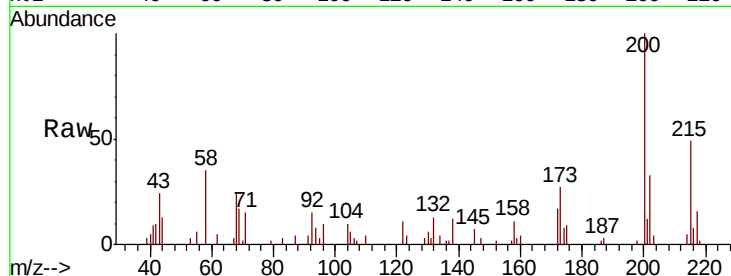
Tgt Ion:200 Resp: 19619

Ion Ratio Lower Upper

200 100

173 27.2 6.4 46.4

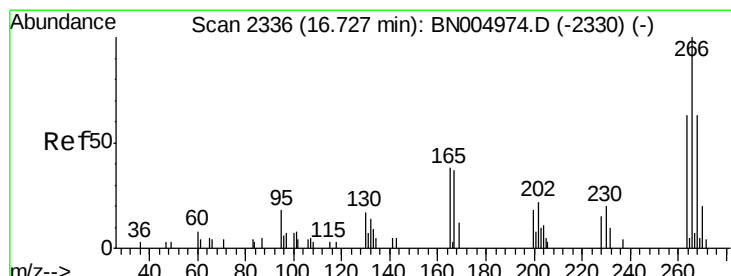
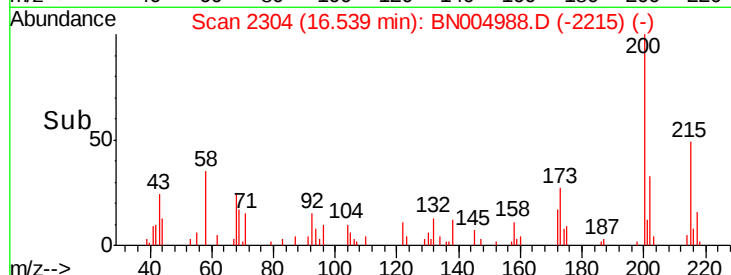
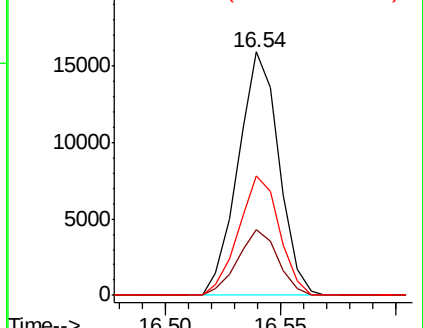
215 48.9 28.8 68.8



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: 38.459 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

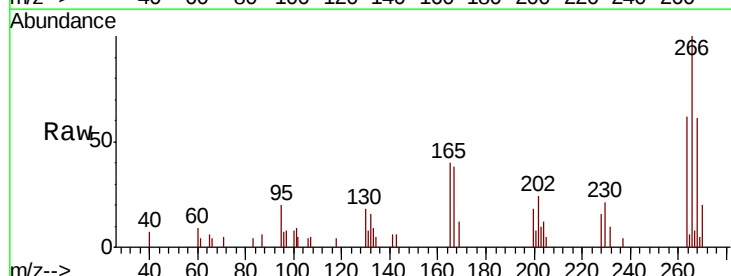
Tgt Ion:266 Resp: 13065

Ion Ratio Lower Upper

266 100

268 61.4 50.8 76.2

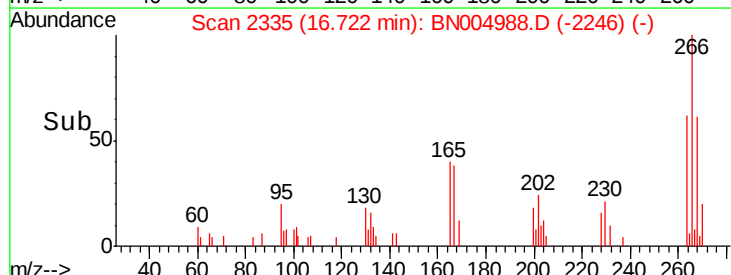
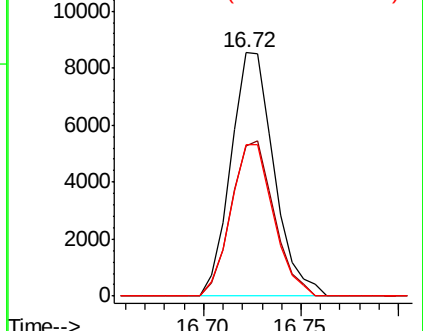
264 62.1 50.0 75.0

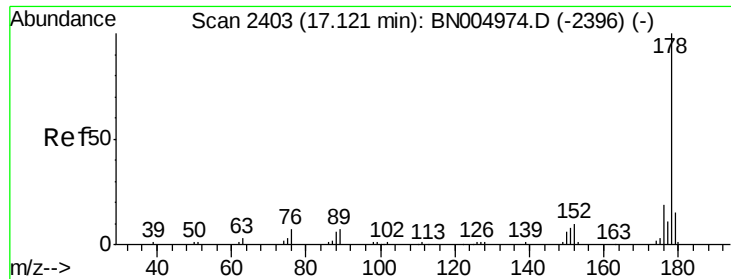


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

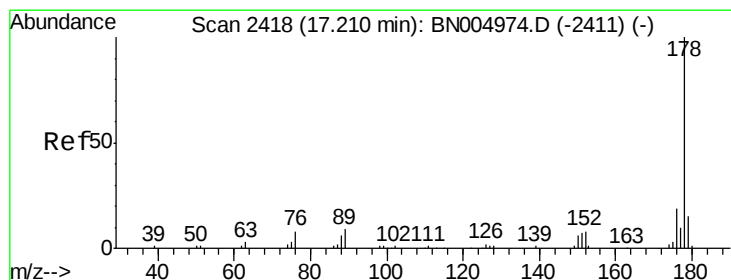
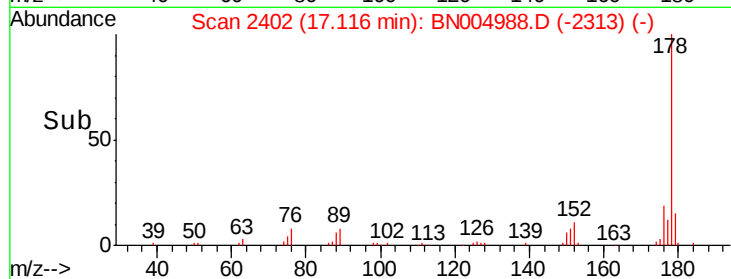
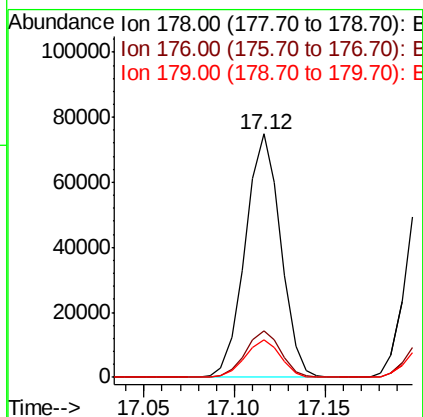
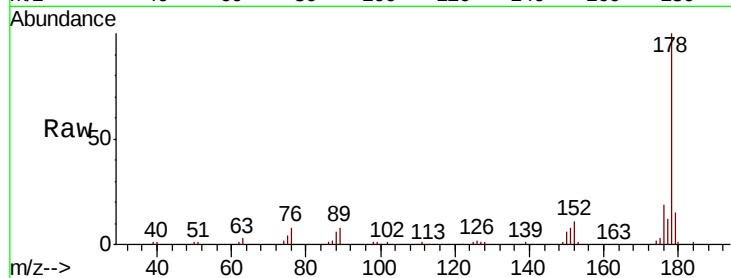




#71  
Phenanthrene  
Concen: 40.922 ng  
RT: 17.12 min Scan# 2402  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

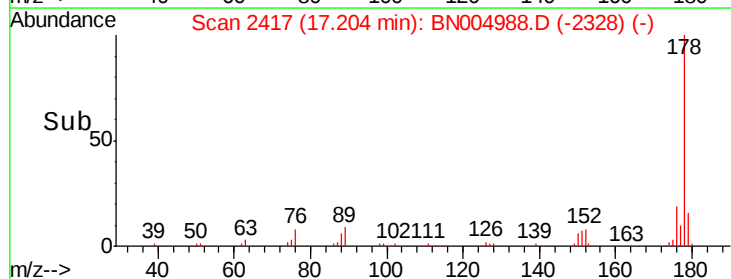
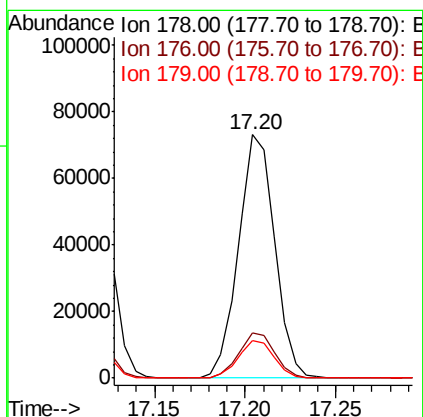
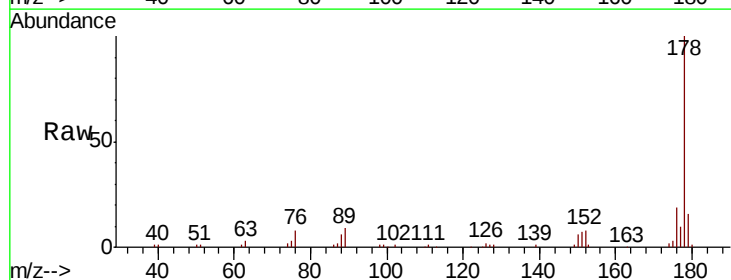
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

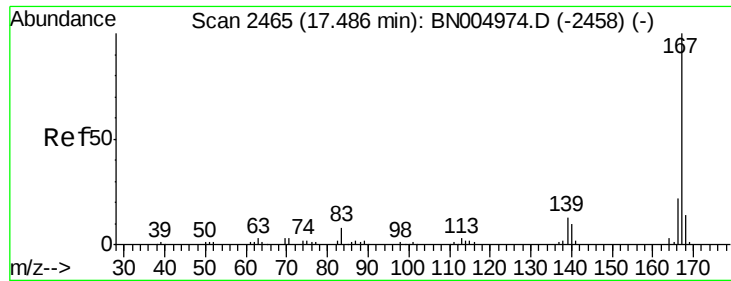
Tgt Ion:178 Resp: 101616  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.4 12.3 18.5



#72  
Anthracene  
Concen: 40.993 ng  
RT: 17.20 min Scan# 2417  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion:178 Resp: 101323  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.4  
179 15.5 12.3 18.5





#73

Carbazole

Concen: 40.616 ng

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

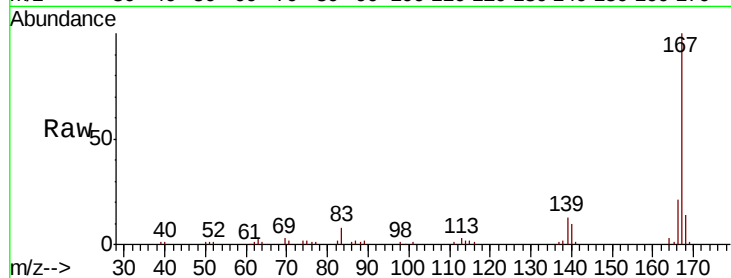
Tgt Ion:167 Resp: 91377

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.8

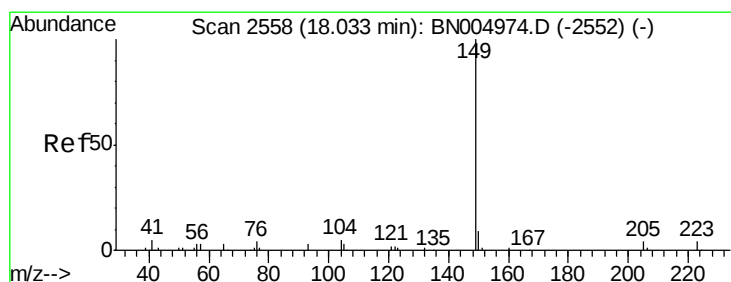
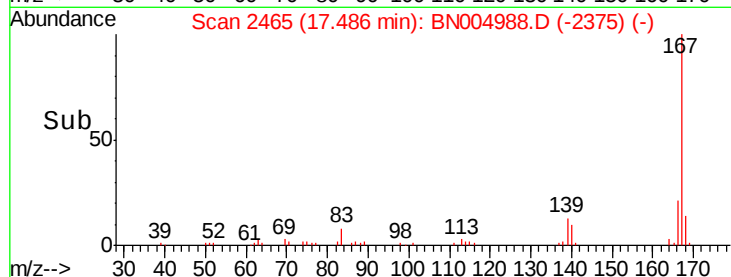
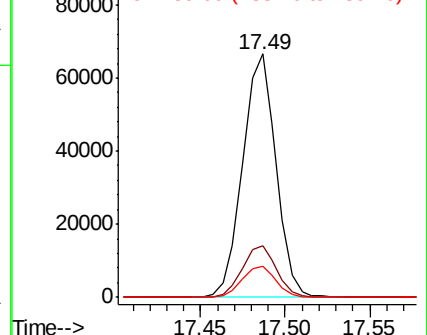
139 12.7 10.6 16.0



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: 39.020 ng

RT: 18.03 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

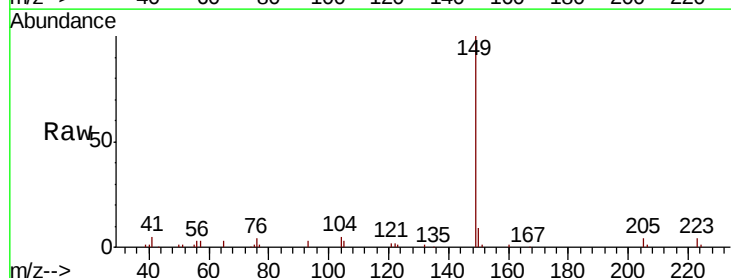
Tgt Ion:149 Resp: 106938

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

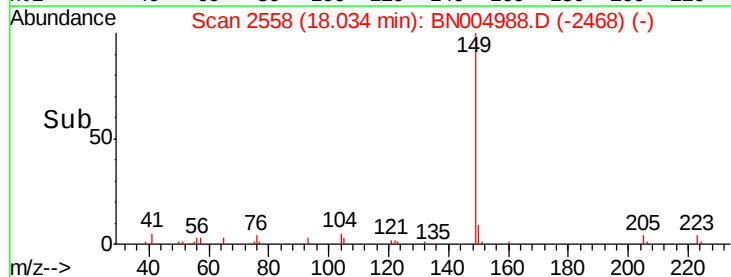
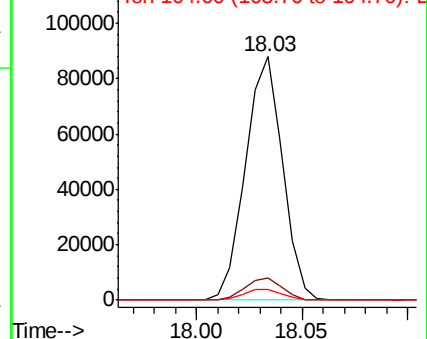
104 4.5 3.7 5.5



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

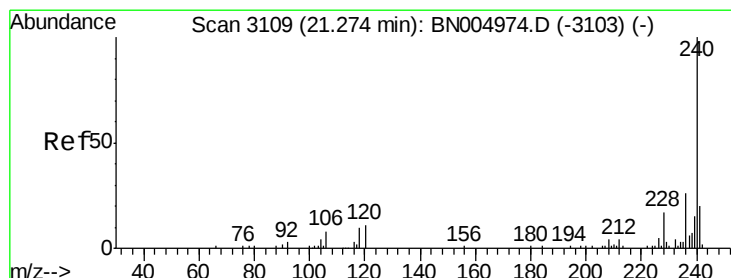
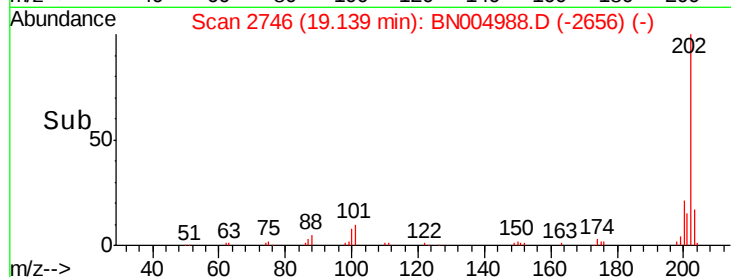
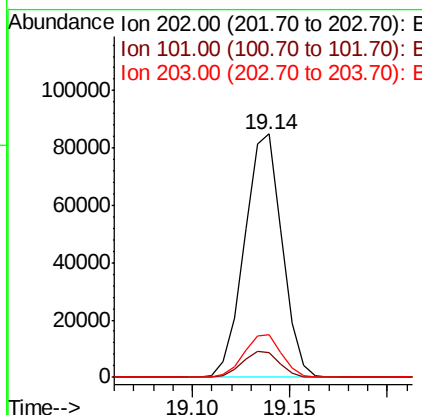
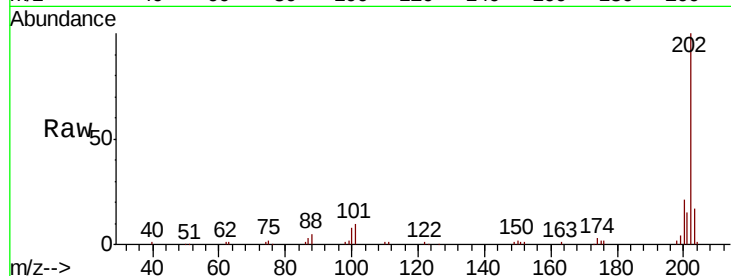




#75  
 Fluoranthene  
 Concen: 40.008 ng  
 RT: 19.14 min Scan# 2746  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

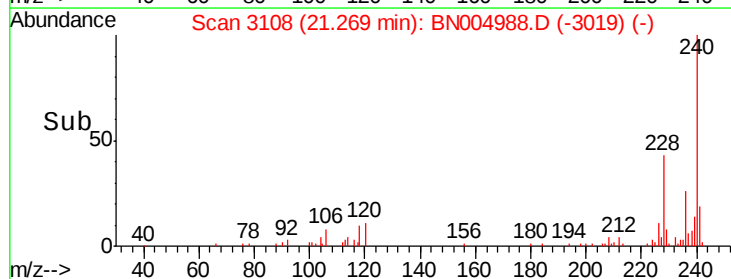
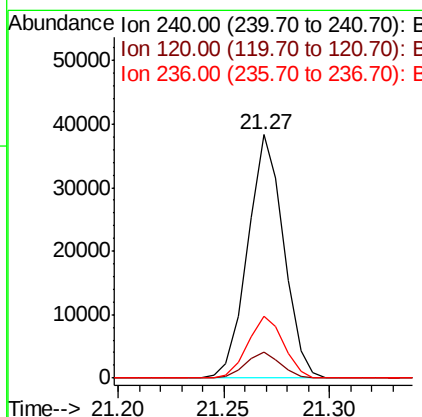
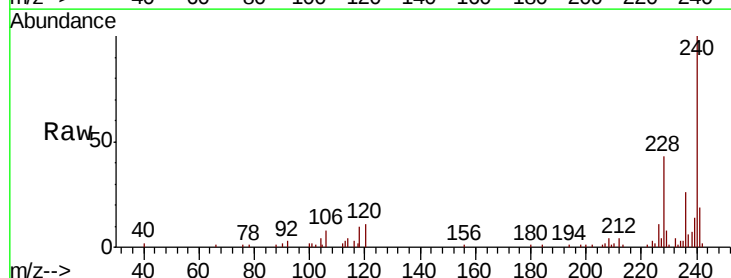
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

Tgt Ion: 202 Resp: 113338  
 Ion Ratio Lower Upper  
 202 100  
 101 10.1 0.0 31.1  
 203 17.4 0.0 37.5



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.27 min Scan# 3108  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

Tgt Ion: 240 Resp: 45313  
 Ion Ratio Lower Upper  
 240 100  
 120 10.8 8.5 12.7  
 236 25.6 21.2 31.8

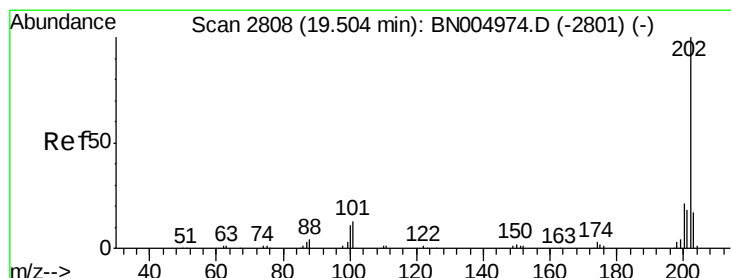
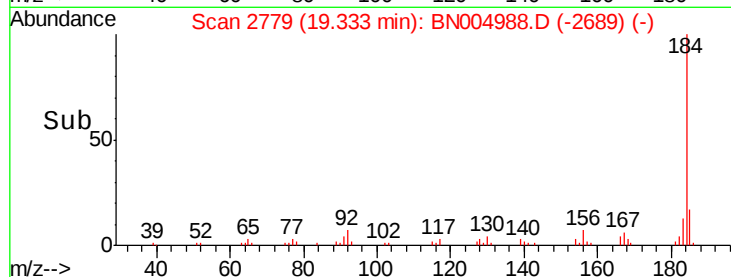
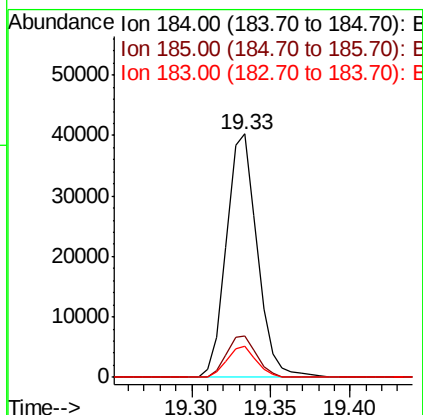
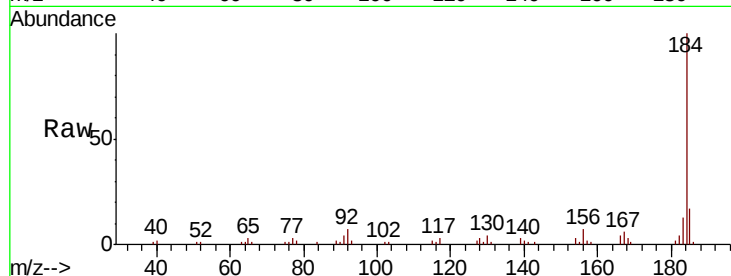




#77  
Benzidine  
Concen: 38.491 ng  
RT: 19.33 min Scan# 2779  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

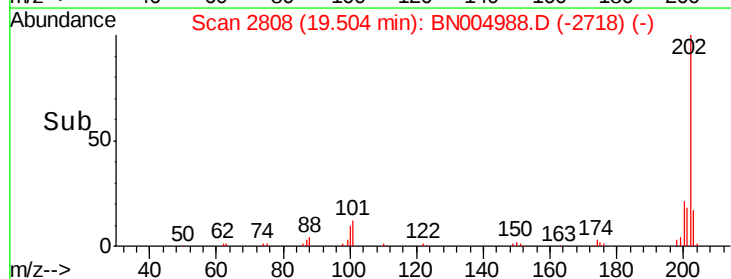
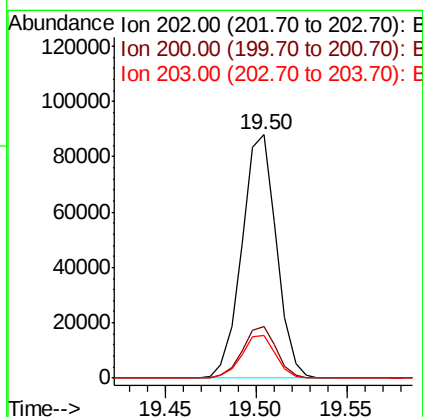
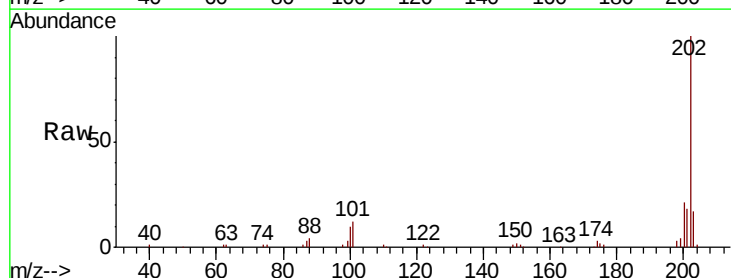
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

Tgt Ion:184 Resp: 54356  
Ion Ratio Lower Upper  
184 100  
185 17.3 11.8 17.8  
183 12.8 9.9 14.9



#78  
Pyrene  
Concen: 38.385 ng  
RT: 19.50 min Scan# 2808  
Delta R.T. 0.00 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Tgt Ion:202 Resp: 116140  
Ion Ratio Lower Upper  
202 100  
200 21.4 17.0 25.4  
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 77.078 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

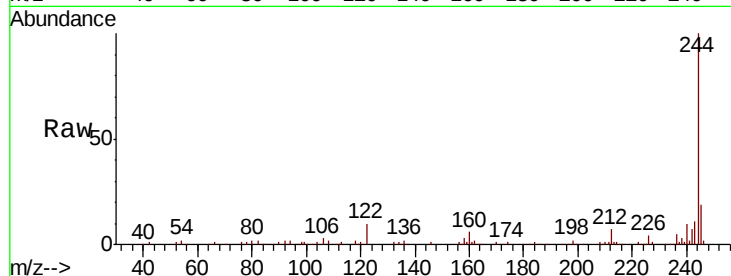
Tgt Ion:244 Resp: 181413

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

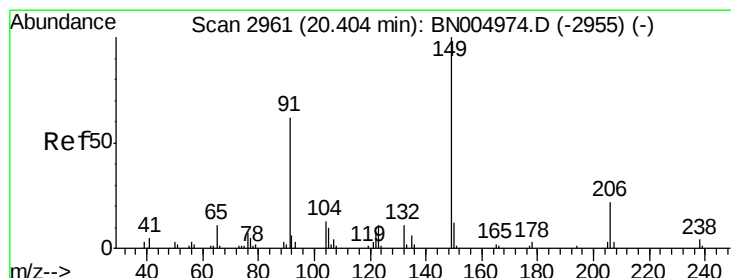
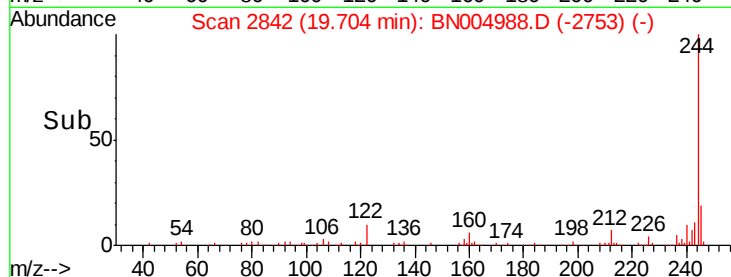
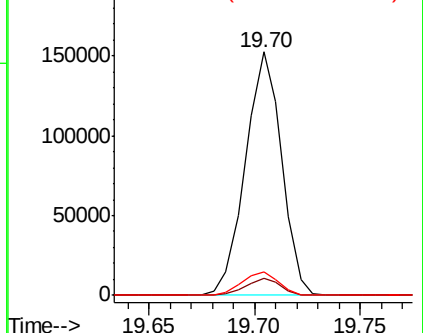
122 9.8 7.4 11.2



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: 37.589 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

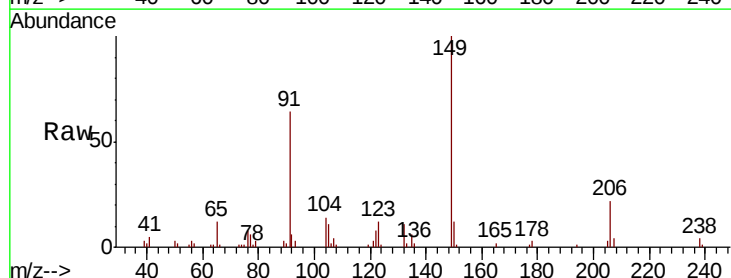
Tgt Ion:149 Resp: 46212

Ion Ratio Lower Upper

149 100

91 64.3 49.3 73.9

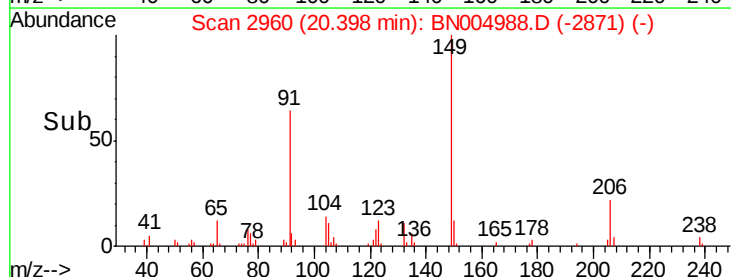
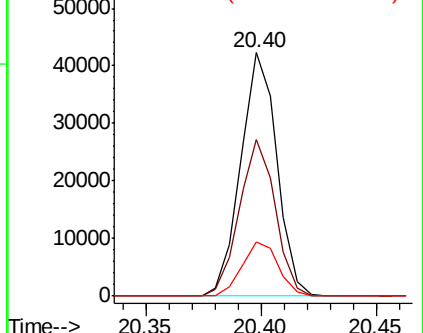
206 22.2 17.9 26.9

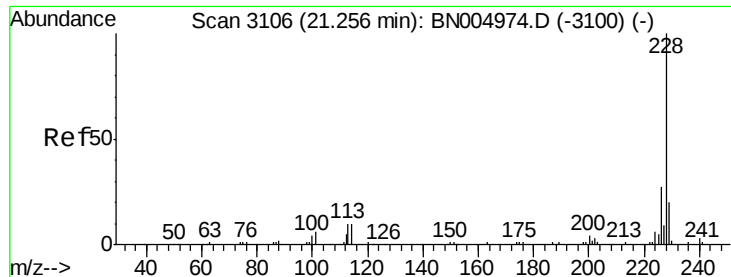


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.261 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

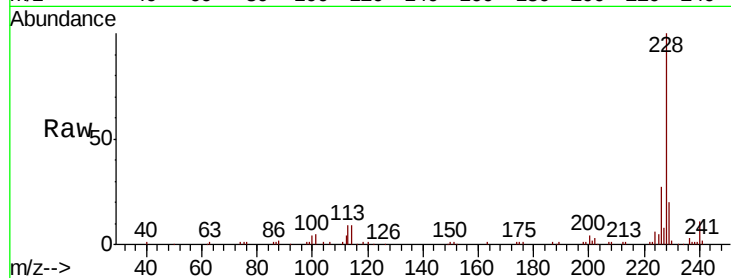
Tgt Ion:228 Resp: 113638

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

229 19.6 15.9 23.9

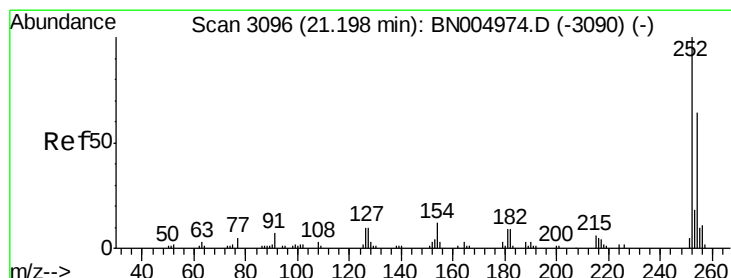
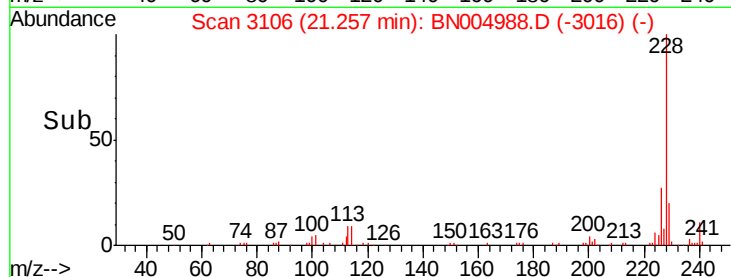
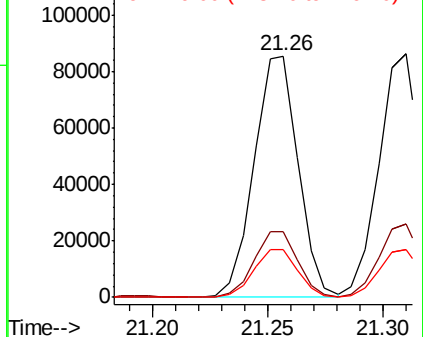


Abundance

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: 41.083 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

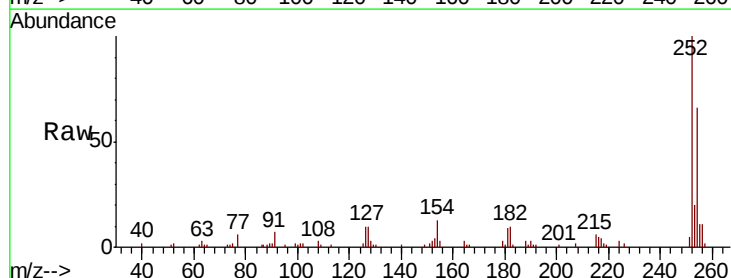
Tgt Ion:252 Resp: 43362

Ion Ratio Lower Upper

252 100

254 65.7 51.5 77.3

126 10.3 7.9 11.9

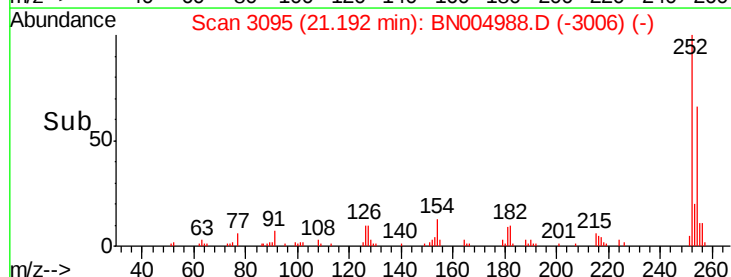
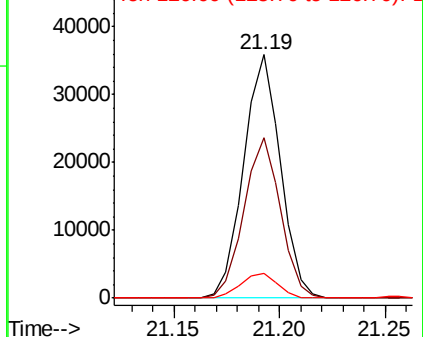


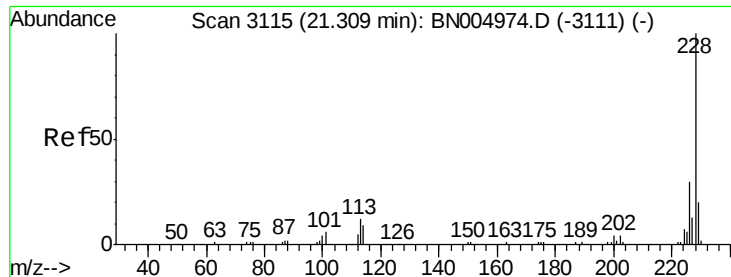
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

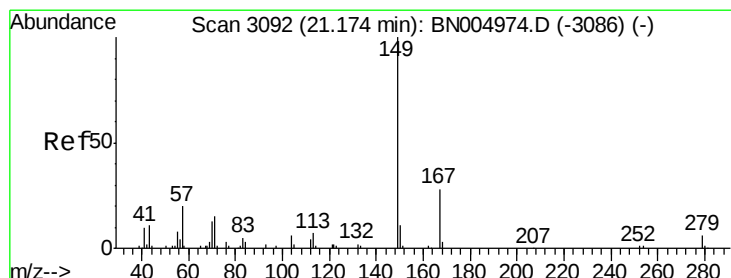
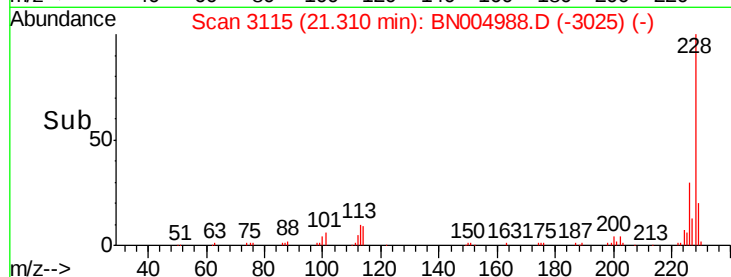
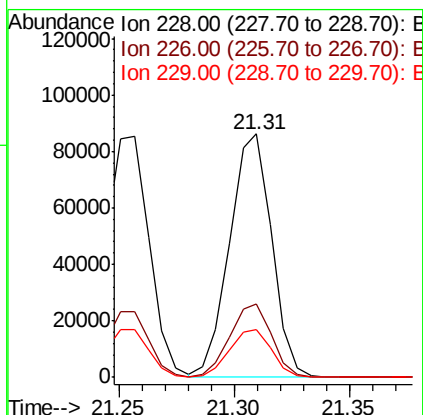
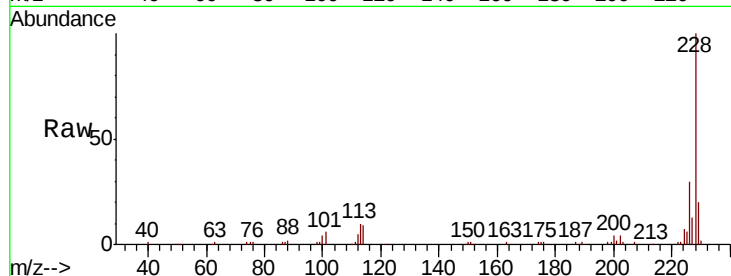




#83  
**Chrysene**  
 Concen: 40.702 ng  
 RT: 21.31 min Scan# 3115  
 Delta R.T. 0.00 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

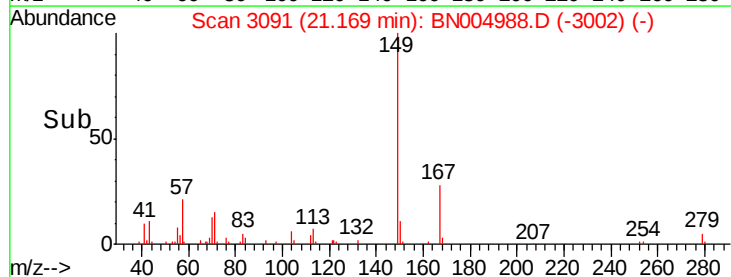
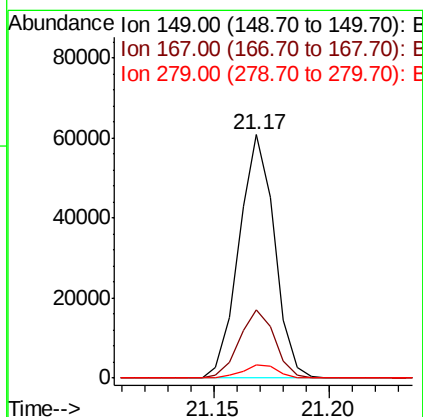
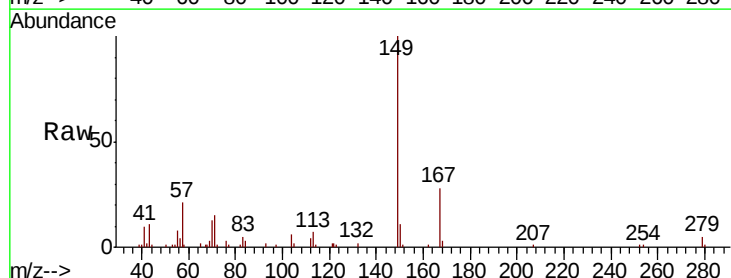
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040EC

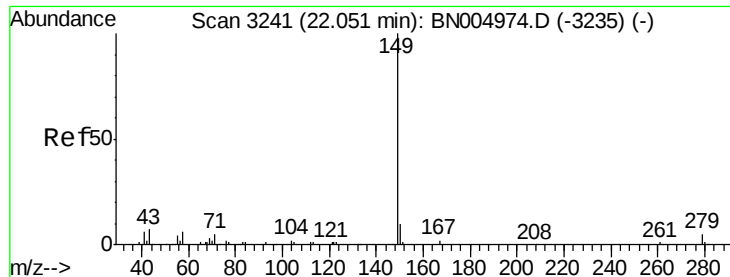
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 24.2  | 36.2  |
| 229     | 19.6  | 15.8  | 23.8  |



#84  
**Bis(2-ethylhexyl)phthalate**  
 Concen: 38.266 ng  
 RT: 21.17 min Scan# 3091  
 Delta R.T. -0.01 min  
 Lab File: BN004988.D  
 Acq: 26 Mar 2019 23:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 22.5  | 33.7  |
| 279     | 5.2   | 4.5   | 6.7   |





#85

Di-n-octyl phthalate

Concen: 40.583 ng

RT: 22.05 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

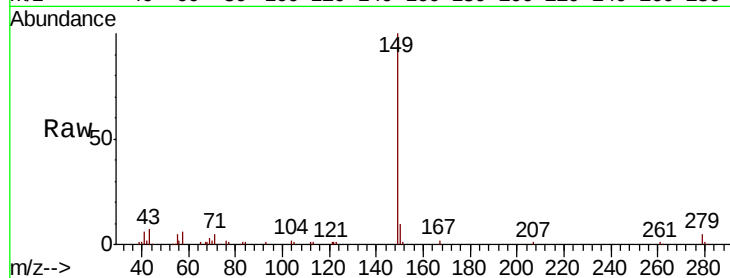
Tgt Ion:149 Resp: 111407

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

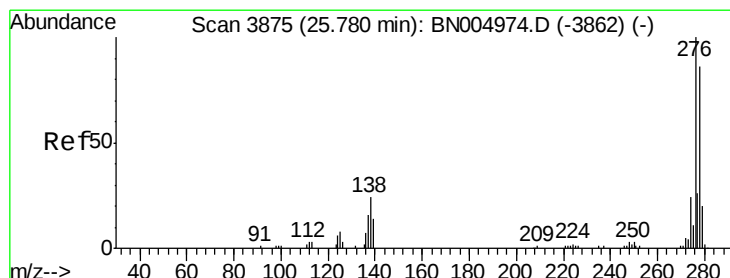
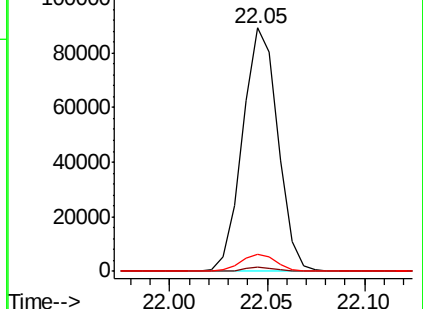
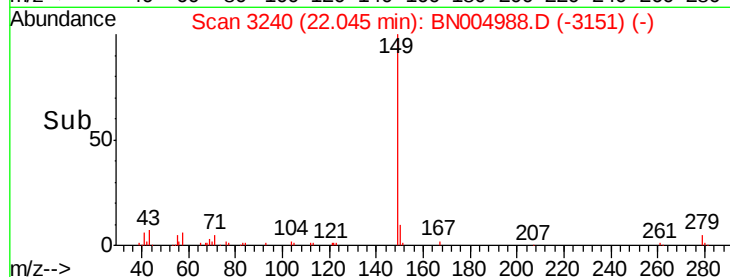
43 7.0 5.8 8.6



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): BNO



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.159 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

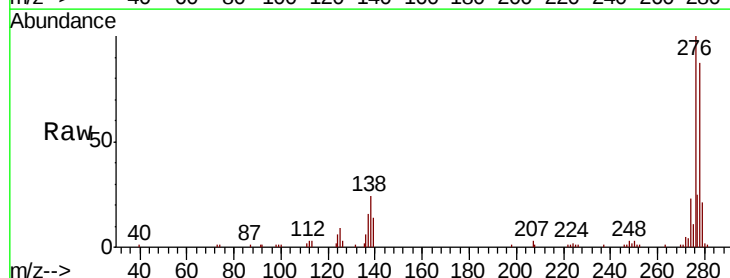
Tgt Ion:276 Resp: 147504

Ion Ratio Lower Upper

276 100

138 23.0 18.5 27.7

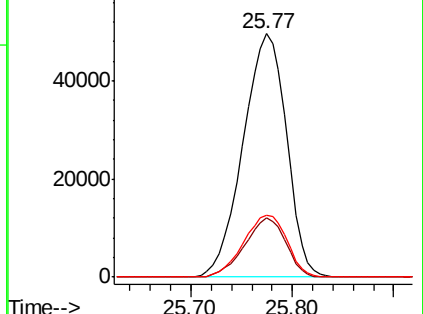
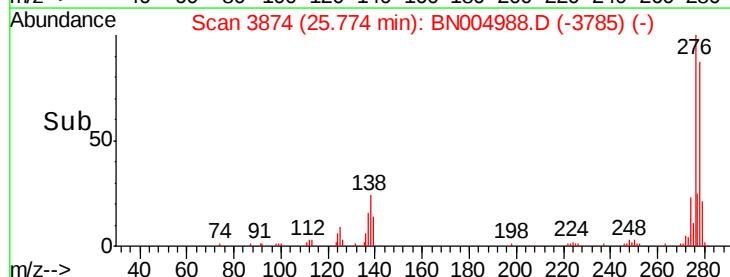
277 25.5 20.4 30.6

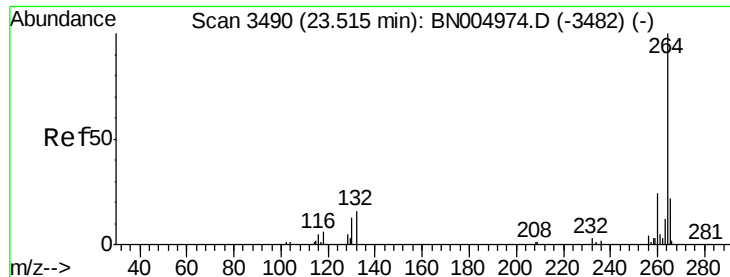


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

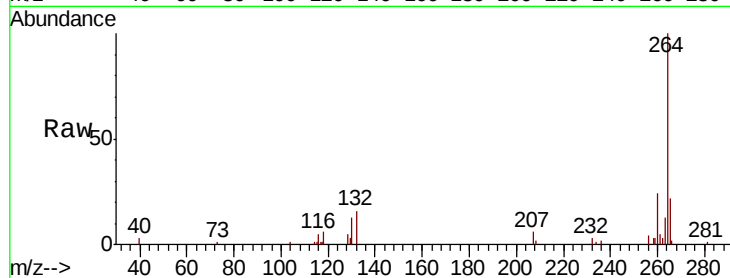
Tgt Ion:264 Resp: 49501

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

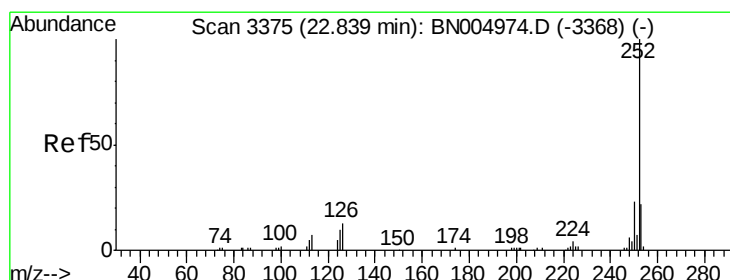
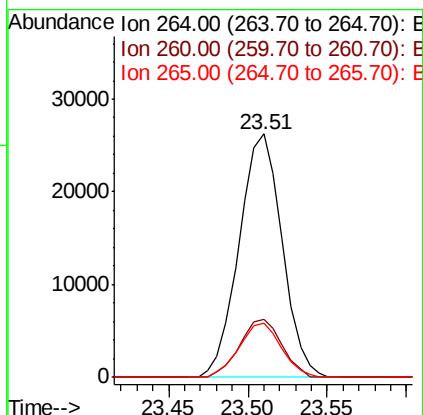
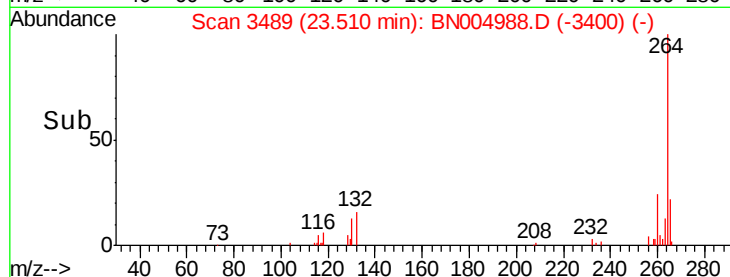
265 22.0 17.2 25.8



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: 39.108 ng

RT: 22.83 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

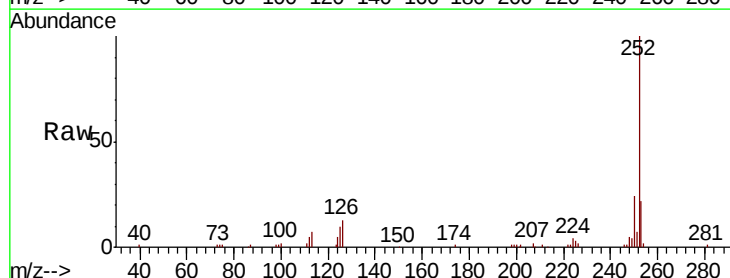
Tgt Ion:252 Resp: 119161

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

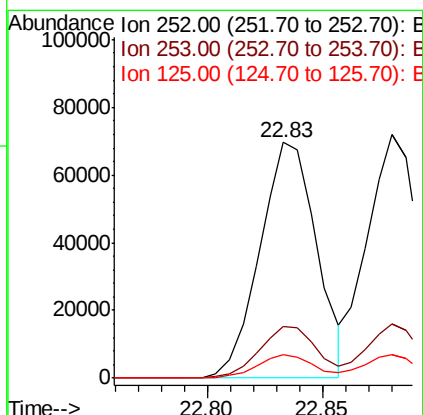
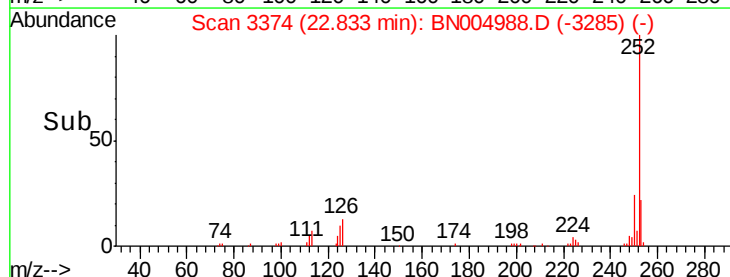
125 9.7 8.1 12.1

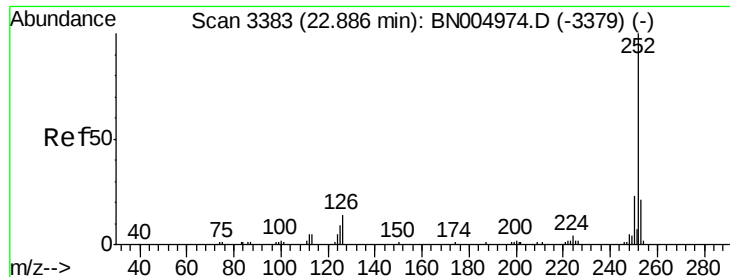


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.343 ng

RT: 22.88 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040EC

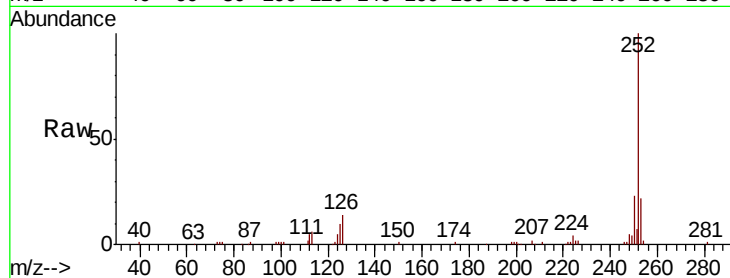
Tgt Ion:252 Resp: 112722

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

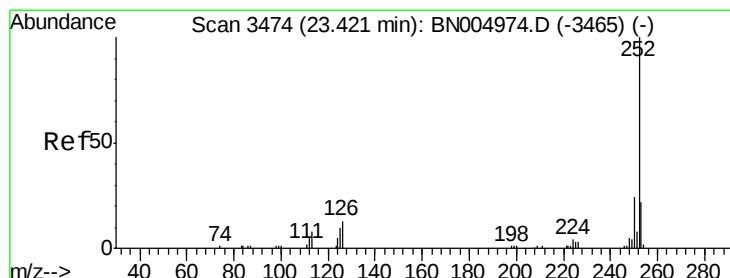
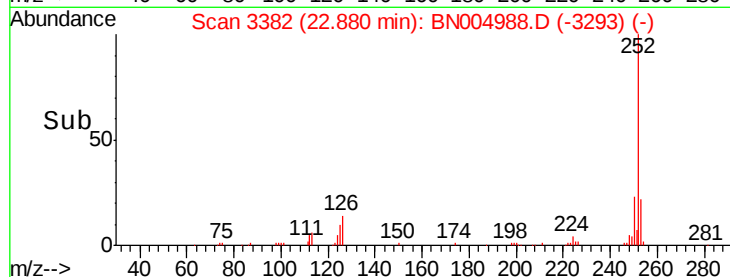
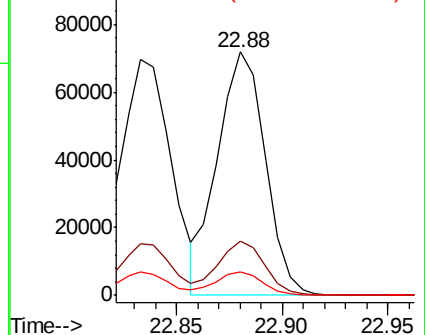
125 9.7 7.6 11.4



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: 40.554 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.01 min

Lab File: BN004988.D

Acq: 26 Mar 2019 23:08

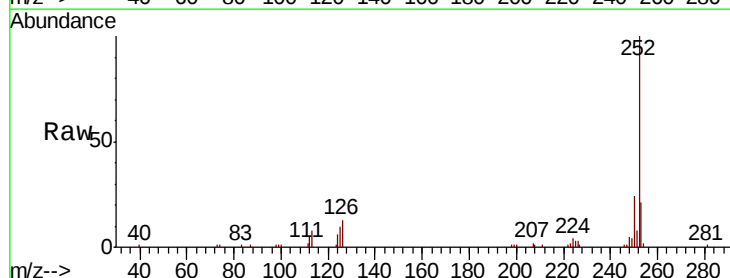
Tgt Ion:252 Resp: 113073

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

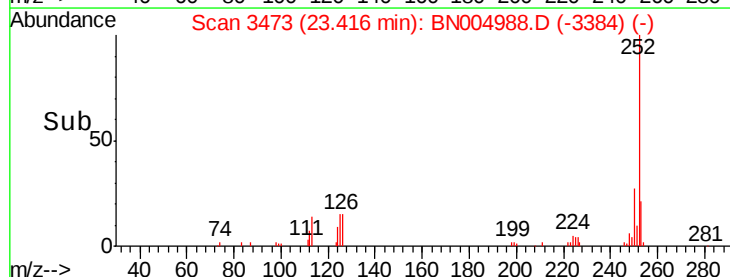
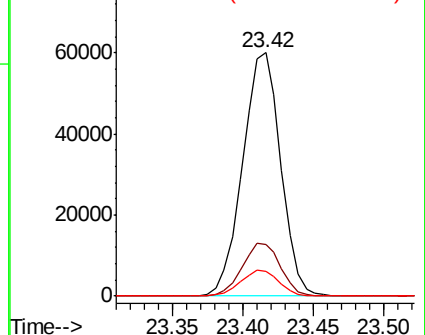
125 10.4 8.2 12.4

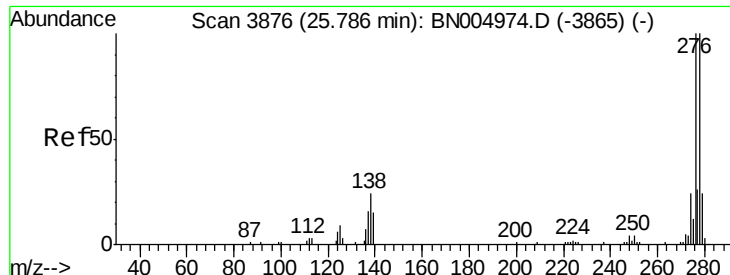


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

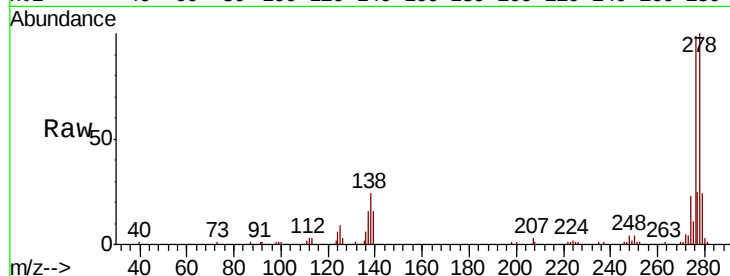




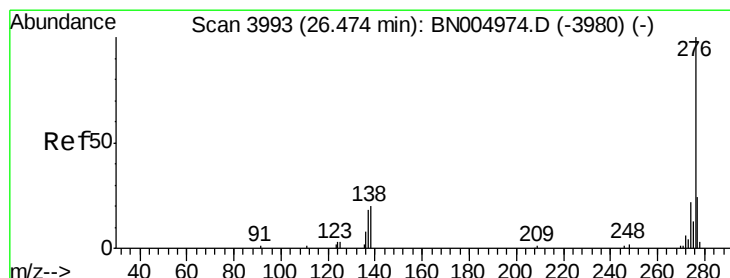
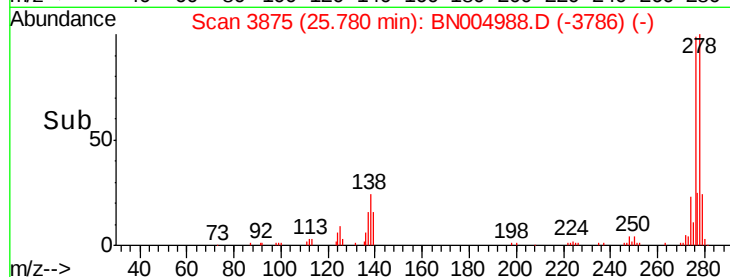
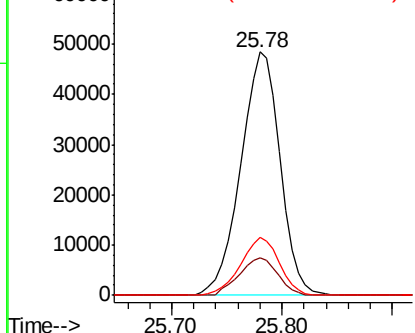
#91  
Dibenzo(a,h)anthracene  
Concen: 43.281 ng  
RT: 25.78 min Scan# 3875  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.5  | 11.8  | 17.8  |
| 279     | 23.9  | 19.3  | 28.9  |

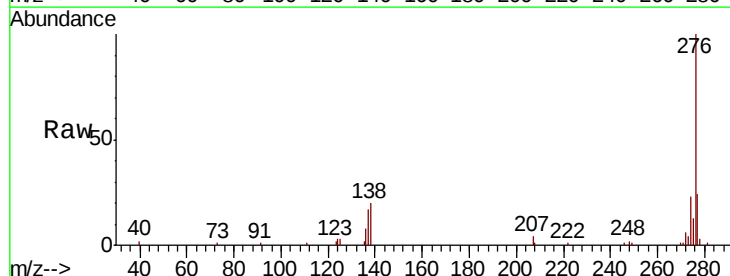


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 43.494 ng  
RT: 26.47 min Scan# 3992  
Delta R.T. -0.01 min  
Lab File: BN004988.D  
Acq: 26 Mar 2019 23:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 19.5  | 29.3  |
| 138     | 20.3  | 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

