

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\  
 Data File : BN004975.D  
 Acq On : 26 Mar 2019 14:17  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Quant Time: Mar 26 15:16:37 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 15:08:55 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 9668     | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 42902    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.33 | 164  | 23844    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.07 | 188  | 50545    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.27 | 240  | 46799    | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.52 | 264  | 47726    | 20.00 | ng    | 0.00     |

|                             |       |     |        |        |    |      |
|-----------------------------|-------|-----|--------|--------|----|------|
| System Monitoring Compounds |       |     |        |        |    |      |
| 5) 2-Fluorophenol           | 5.27  | 112 | 55721  | 103.95 | ng | 0.00 |
| 7) Phenol-d6                | 6.86  | 99  | 74430  | 100.12 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.85  | 82  | 71142  | 104.38 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330 | 38047  | 107.04 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 12.94 | 172 | 181619 | 101.67 | ng | 0.00 |
| 79) Terphenyl-d14           | 19.71 | 244 | 242175 | 101.88 | ng | 0.00 |

|                                |       |     |        |           |        |
|--------------------------------|-------|-----|--------|-----------|--------|
| Target Compounds               |       |     |        |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.21  | 88  | 10066  | 48.583 ng | 98     |
| 3) Pyridine                    | 3.60  | 79  | 28432  | 45.903 ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.53  | 42  | 9571   | 50.645 ng | 98     |
| 6) Aniline                     | 7.02  | 93  | 47340  | 51.527 ng | 100    |
| 8) 2-Chlorophenol              | 7.25  | 128 | 35645  | 52.535 ng | 100    |
| 9) Benzaldehyde                | 6.83  | 77  | 21396  | 42.051 ng | 98     |
| 10) Phenol                     | 6.89  | 94  | 39908  | 49.753 ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 30784  | 48.406 ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146 | 38323  | 50.062 ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.71  | 146 | 38897  | 49.718 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.03  | 146 | 37419  | 49.449 ng | 99     |
| 15) Benzyl Alcohol             | 7.92  | 79  | 28415  | 51.282 ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 36686  | 44.983 ng | 100    |
| 17) 2-Methylphenol             | 8.12  | 107 | 27684  | 50.018 ng | 100    |
| 18) Hexachloroethane           | 8.74  | 117 | 13931  | 54.711 ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 24406  | 48.761 ng | 99     |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 38148  | 49.494 ng | 100    |
| 22) Acetophenone               | 8.50  | 105 | 48899  | 49.991 ng | # 99   |
| 24) Nitrobenzene               | 8.89  | 77  | 36070  | 51.571 ng | 99     |
| 25) Isophorone                 | 9.40  | 82  | 68722  | 58.225 ng | 98     |
| 26) 2-Nitrophenol              | 9.59  | 139 | 21073  | 52.994 ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 29045  | 51.103 ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.88  | 93  | 42877  | 52.177 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 33543  | 50.157 ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 36621  | 48.045 ng | 100    |
| 31) Naphthalene                | 10.52 | 128 | 111496 | 53.390 ng | 100    |
| 32) Benzoic acid               | 9.82  | 122 | 23505  | 45.312 ng | 99     |
| 33) 4-Chloroaniline            | 10.63 | 127 | 45720  | 49.067 ng | 99     |
| 34) Hexachlorobutadiene        | 10.78 | 225 | 23812  | 52.171 ng | 99     |
| 35) Caprolactam                | 11.43 | 113 | 11040  | 46.815 ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107 | 35943  | 50.736 ng | 99     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 78596  | 52.696 ng | 100    |
| 38) 1-Methylnaphthalene        | 12.35 | 142 | 76824  | 53.179 ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 42953  | 50.114 ng | 100    |

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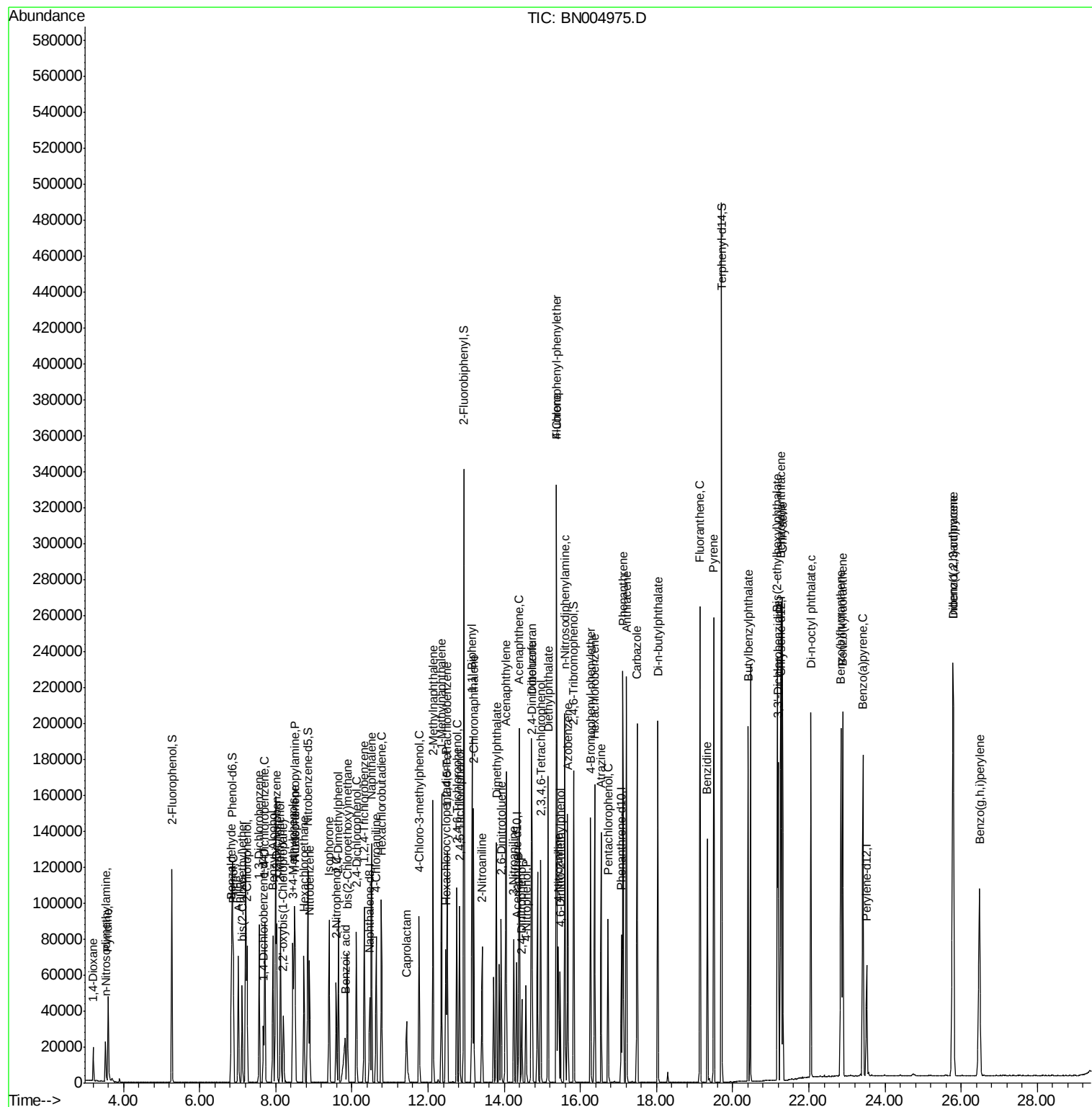
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.46 | 237  | 23270    | 52.466 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.75 | 196  | 26944    | 50.628 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.83 | 196  | 29155    | 51.356 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.15 | 154  | 101733   | 48.173 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.20 | 162  | 78262    | 49.255 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.42 | 65   | 21035    | 53.133 | ng    | 97       |
| 49) Acenaphthylene             | 14.05 | 152  | 131088   | 55.924 | ng    | 99       |
| 50) Dimethylphthalate          | 13.79 | 163  | 97385    | 52.135 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.92 | 165  | 22127    | 50.749 | ng    | 97       |
| 52) Acenaphthene               | 14.39 | 154  | 73714    | 51.852 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.25 | 138  | 22820    | 48.957 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.46 | 184  | 12212    | 53.742 | ng    | 99       |
| 55) Dibenzofuran               | 14.73 | 168  | 116703   | 49.834 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.57 | 139  | 17661    | 49.590 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 14.71 | 165  | 29988    | 50.885 | ng    | 99       |
| 58) Fluorene                   | 15.38 | 166  | 93683    | 54.139 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 26680    | 52.072 | ng    | 99       |
| 60) Diethylphthalate           | 15.15 | 149  | 95126    | 48.131 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 48136    | 47.251 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.42 | 138  | 22579    | 48.270 | ng    | 99       |
| 63) Azobenzene                 | 15.66 | 77   | 80961    | 50.186 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 16955    | 48.749 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.59 | 169  | 80719    | 50.419 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 31878    | 50.001 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.37 | 284  | 37064    | 49.950 | ng    | 100      |
| 69) Atrazine                   | 16.55 | 200  | 28020    | 46.789 | ng    | 99       |
| 70) Pentachlorophenol          | 16.73 | 266  | 19385    | 39.197 | ng    | 99       |
| 71) Phenanthrene               | 17.12 | 178  | 141539   | 53.602 | ng    | 100      |
| 72) Anthracene                 | 17.21 | 178  | 140586   | 54.470 | ng    | 100      |
| 73) Carbazole                  | 17.49 | 167  | 126331   | 49.874 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.03 | 149  | 150812   | 50.458 | ng    | 100      |
| 75) Fluoranthene               | 19.14 | 202  | 155345   | 54.575 | ng    | 99       |
| 77) Benzidine                  | 19.33 | 184  | 74132    | 45.804 | ng    | 99       |
| 78) Pyrene                     | 19.50 | 202  | 156299   | 49.477 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 61908    | 45.726 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.26 | 228  | 144488   | 54.275 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 53640    | 48.347 | ng    | 99       |
| 83) Chrysene                   | 21.31 | 228  | 137204   | 53.888 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 85202    | 43.396 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.05 | 149  | 139658   | 47.895 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.79 | 276  | 170205   | 63.324 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.84 | 252  | 141796   | 53.364 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.89 | 252  | 133931   | 50.652 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.42 | 252  | 133174   | 54.093 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.79 | 278  | 140187   | 55.917 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.48 | 276  | 138826   | 56.943 | ng    | 100      |

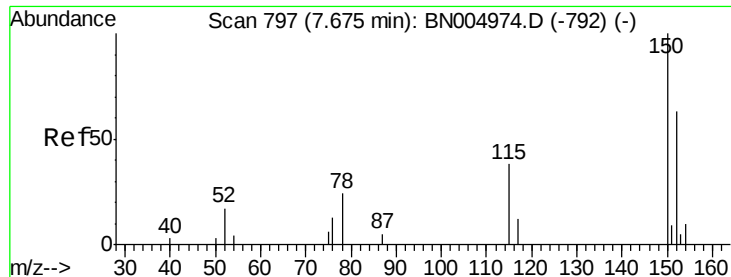
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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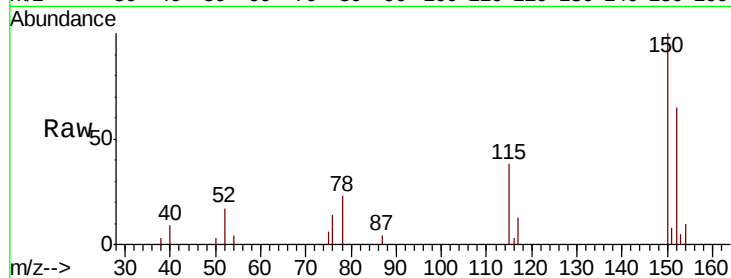


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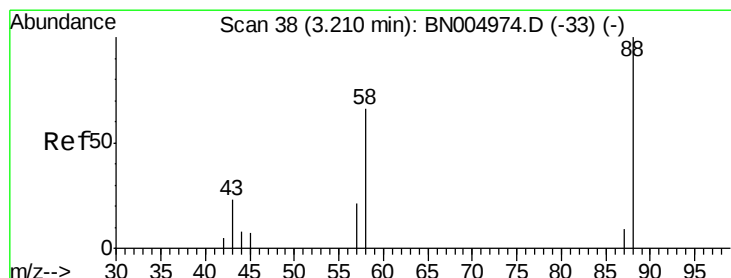
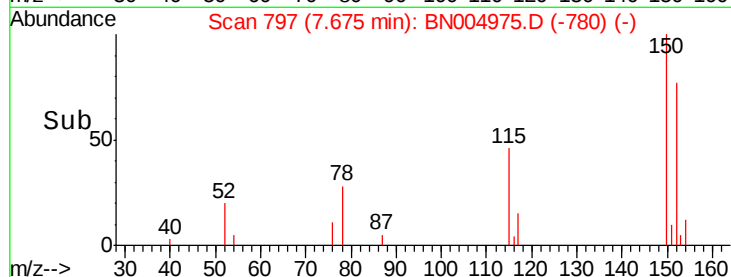
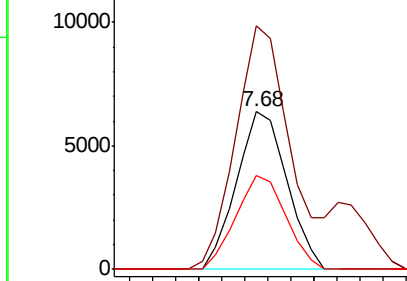
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.68 min Scan# 797  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tot Ion:152 Resp: 9668  
Ion Ratio Lower Upper  
152 100  
150 154.8 126.9 190.3  
115 59.4 47.8 71.6



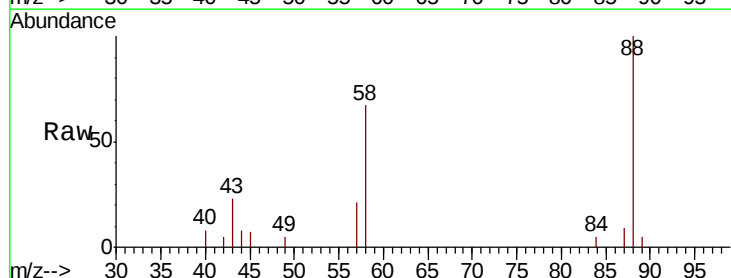
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



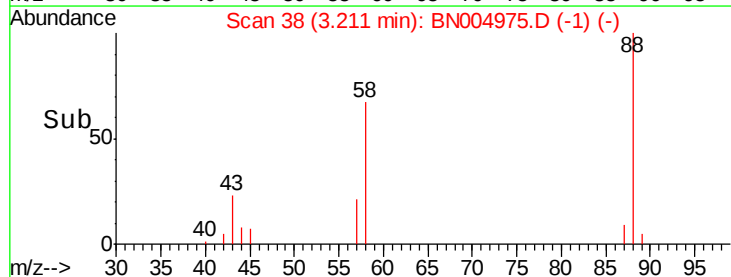
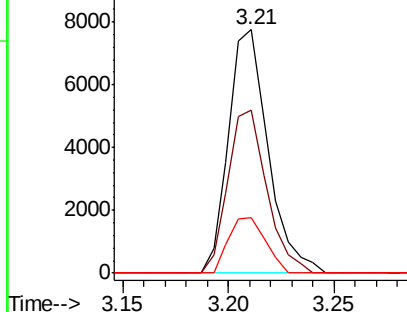
#2

1,4-Dioxane  
Concen: 48.583 ng  
RT: 3.21 min Scan# 38  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion: 88 Resp: 10066  
Ion Ratio Lower Upper  
88 100  
58 65.9 51.0 76.6  
43 21.1 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BNC  
Ion 58.00 (57.70 to 58.70): BNC  
Ion 43.00 (42.70 to 43.70): BNC

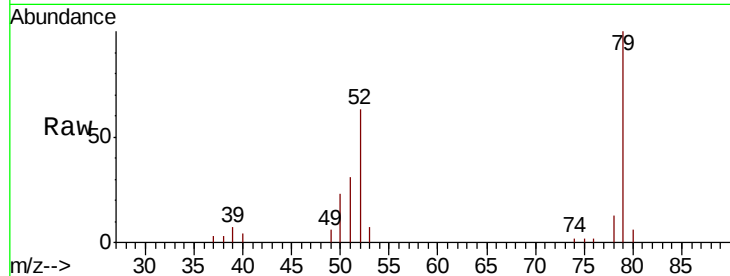




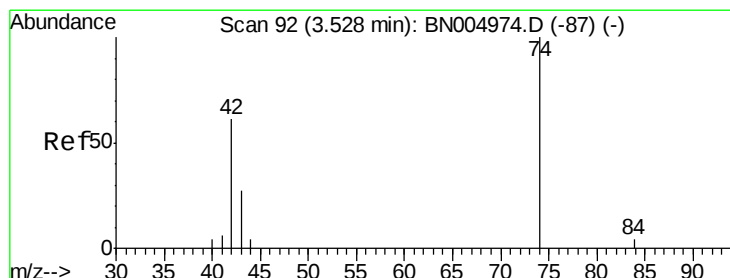
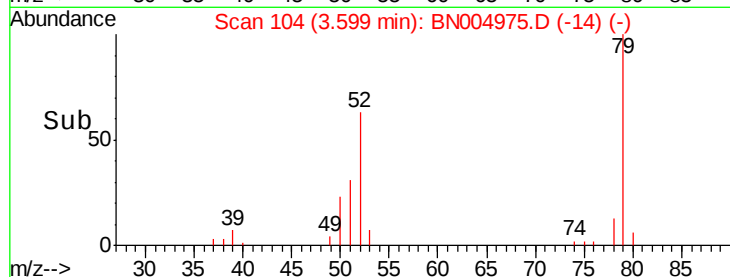
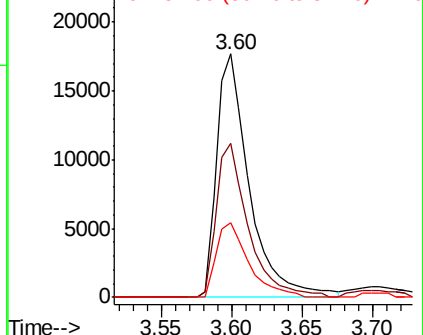
#3  
 Pvridine  
 Concen: 45.903 ng  
 RT: 3.60 min Scan# 104  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

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 SSTDICC050

Tot Ion: 79 Resp: 28432  
 Ion Ratio Lower Upper  
 79 100  
 52 63.1 50.2 75.4  
 51 30.7 25.0 37.4

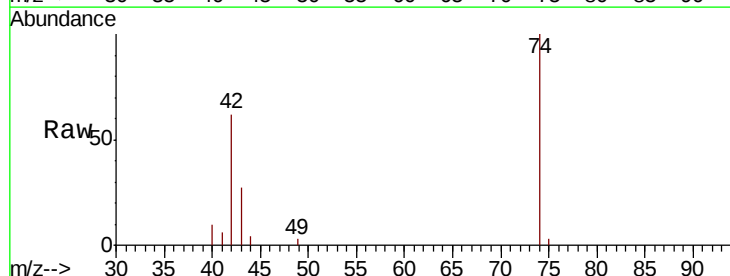


Abundance Ion 79.00 (78.70 to 79.70): BNC  
 Ion 52.00 (51.70 to 52.70): BNC  
 Ion 51.00 (50.70 to 51.70): BNC

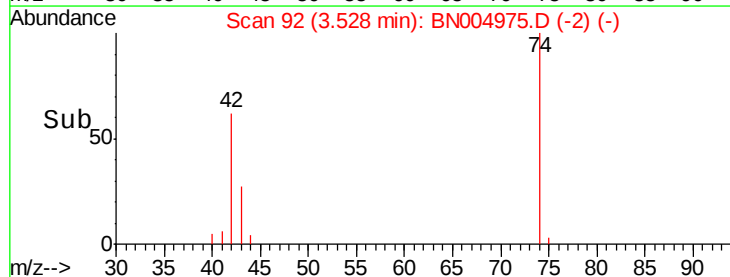
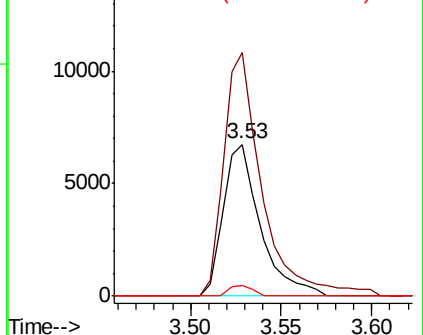


#4  
 n-Nitrosodimethylamine  
 Concen: 50.645 ng  
 RT: 3.53 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion: 42 Resp: 9571  
 Ion Ratio Lower Upper  
 42 100  
 74 160.4 130.8 196.2  
 44 6.7 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: 103.948 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

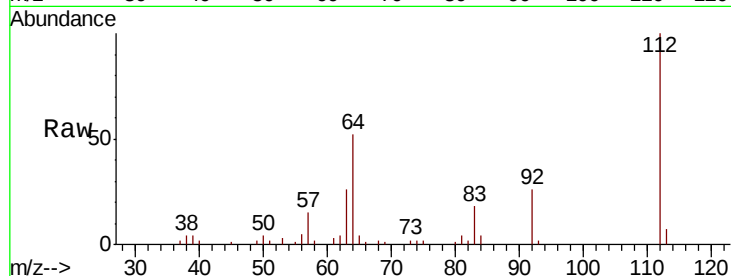
Tot Ion:112 Resp: 55721

Ion Ratio Lower Upper

112 100

64 51.5 41.9 62.9

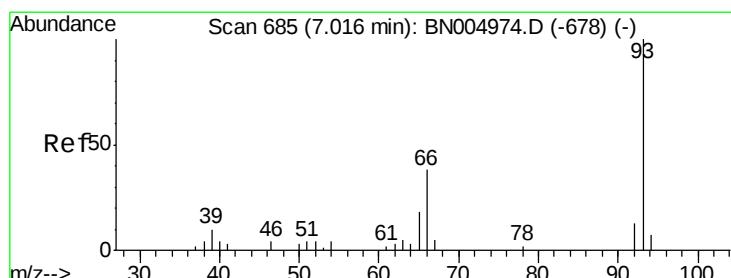
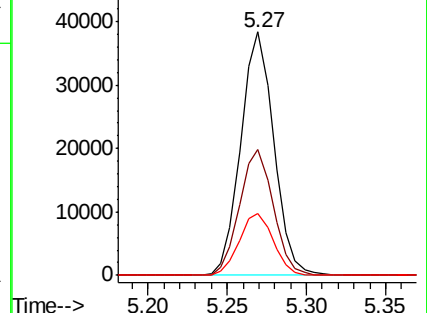
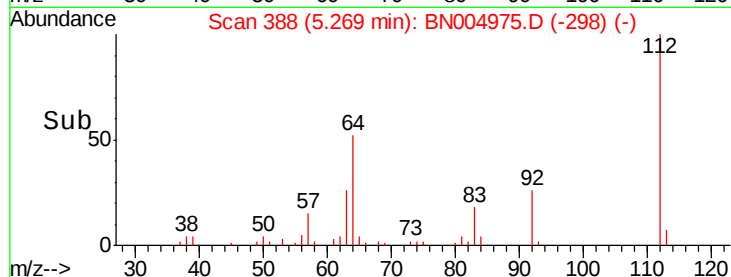
63 25.6 21.4 32.0



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: 51.527 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

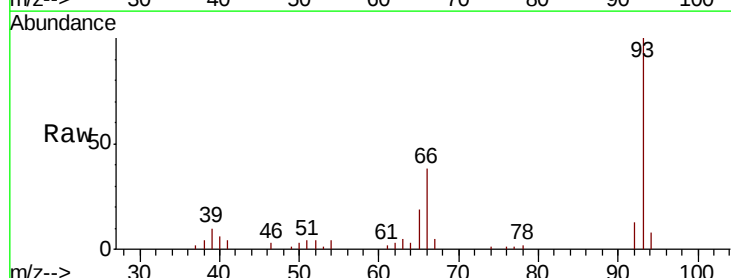
Tgt Ion: 93 Resp: 47340

Ion Ratio Lower Upper

93 100

66 38.0 30.2 45.4

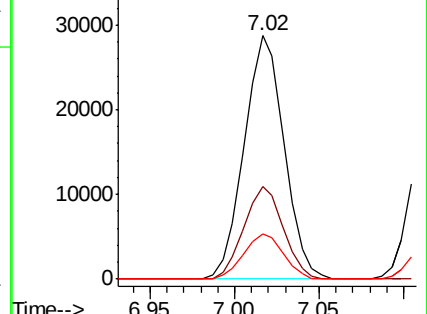
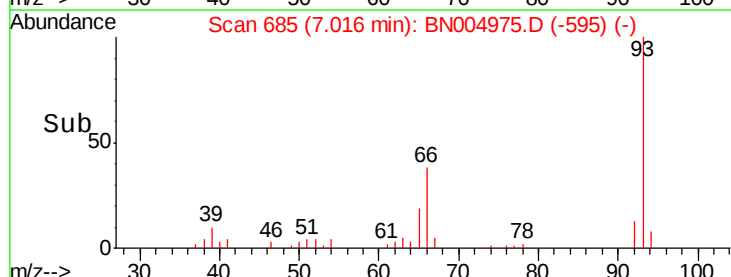
65 18.7 14.7 22.1

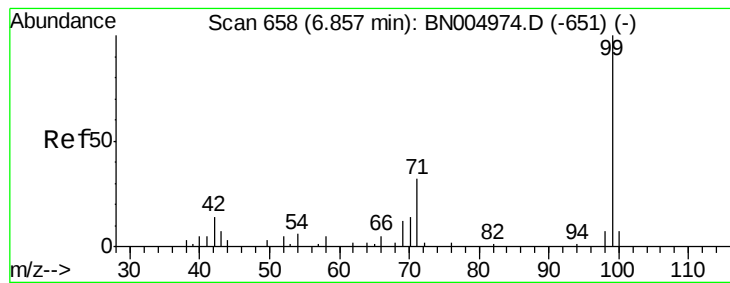


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 100.118 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

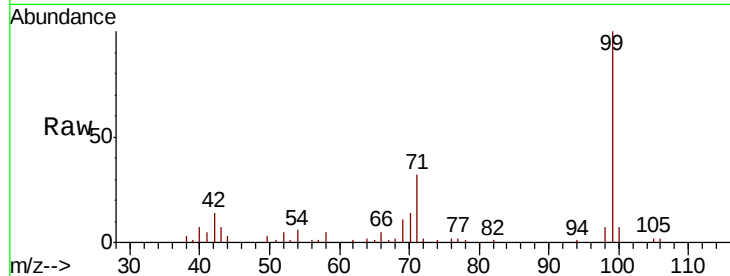
Tot Ion: 99 Resp: 74430

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

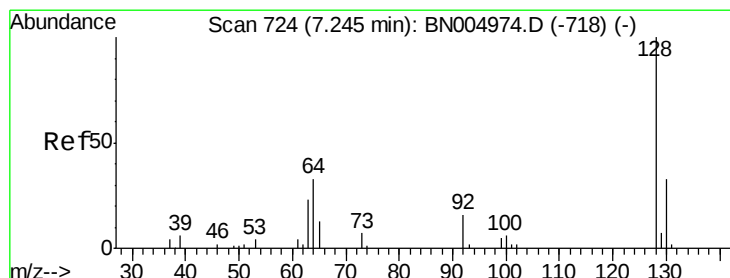
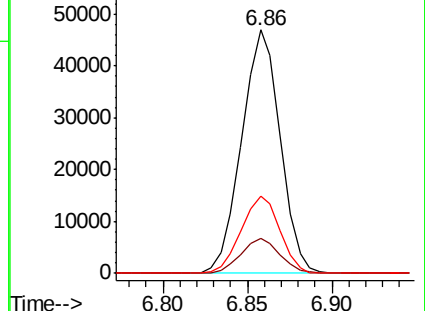
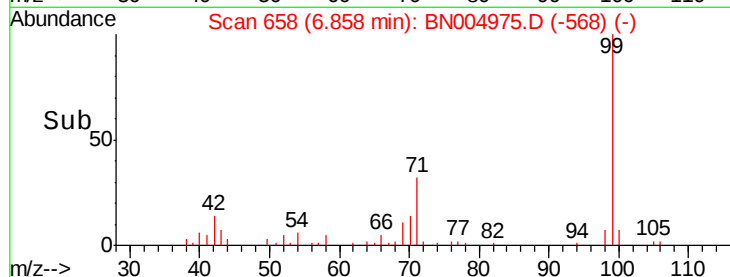
71 31.5 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004975.D (-568) (-)

Ion 42.00 (41.70 to 42.70): BN004975.D (-568) (-)

Ion 71.00 (70.70 to 71.70): BN004975.D (-568) (-)



#8

2-Chlorophenol

Concen: 52.535 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

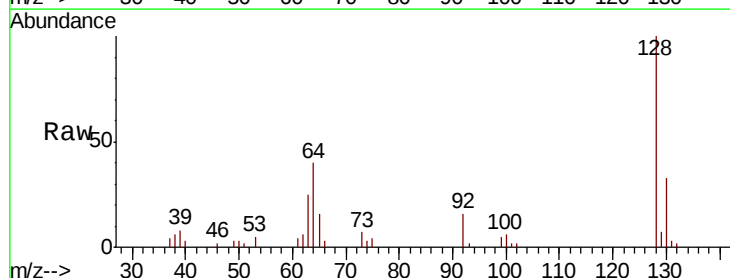
Tgt Ion:128 Resp: 35645

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

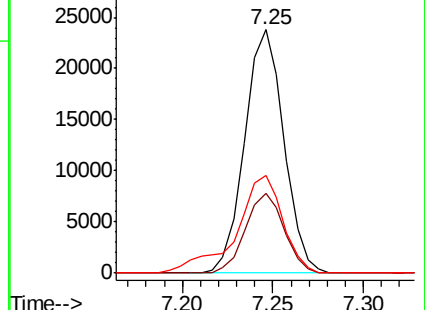
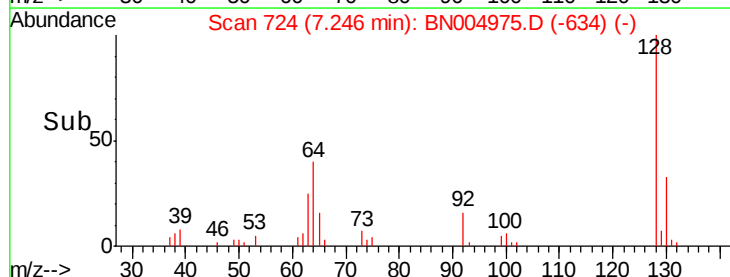
64 39.9 19.9 59.9

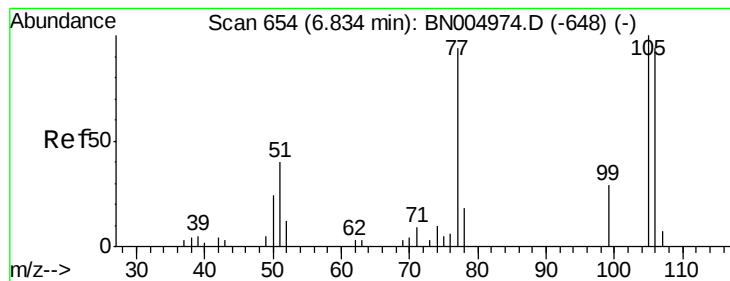


Abundance Ion 128.00 (127.70 to 128.70): BN004975.D (-634) (-)

Ion 130.00 (129.70 to 130.70): BN004975.D (-634) (-)

Ion 64.00 (63.70 to 64.70): BN004975.D (-634) (-)





#9

Benzaldehyde

Concen: 42.051 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

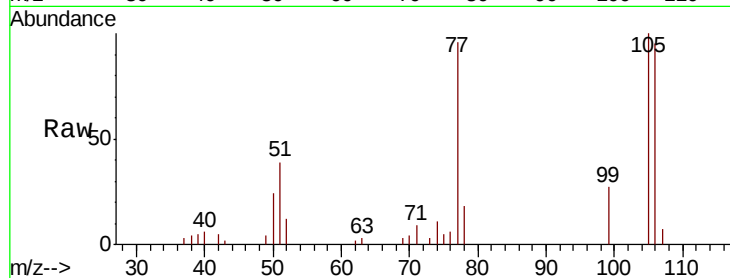
Tot Ion: 77 Resp: 21396

Ion Ratio Lower Upper

77 100

105 104.1 86.1 126.1

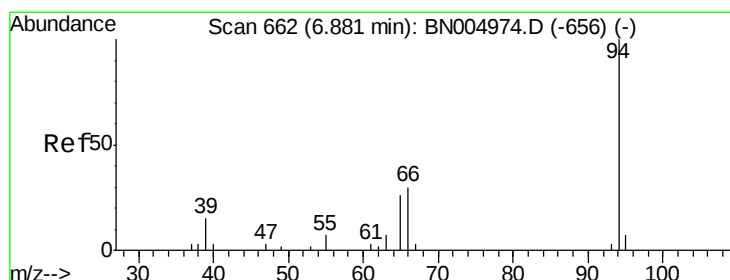
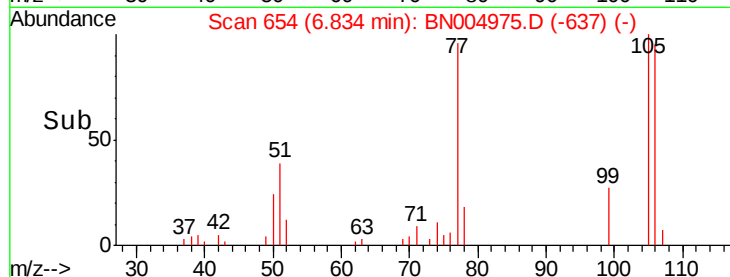
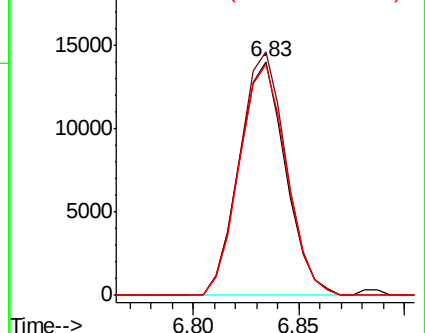
106 98.8 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-648) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-648) (-)

Ion 106.00 (105.70 to 106.70): BN004974.D (-648) (-)



#10

Phenol

Concen: 49.753 ng

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

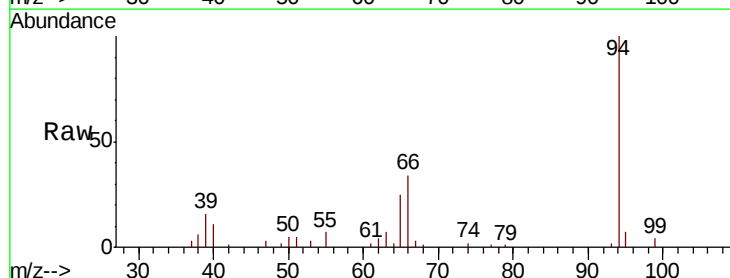
Tgt Ion: 94 Resp: 39908

Ion Ratio Lower Upper

94 100

65 24.9 5.7 45.7

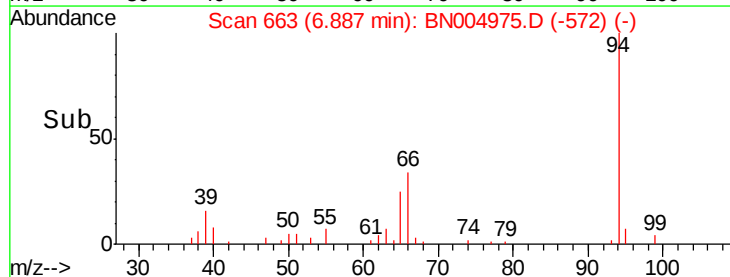
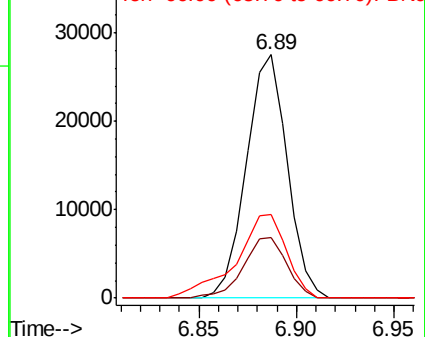
66 34.1 14.8 54.8

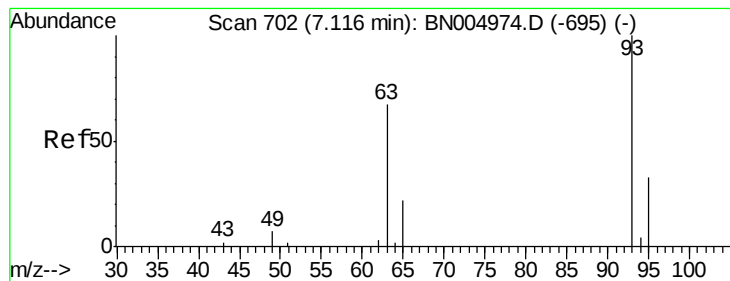


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)

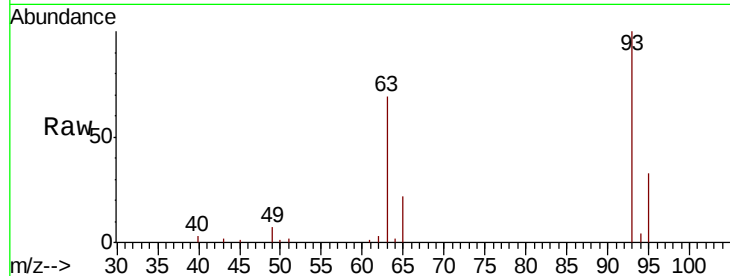




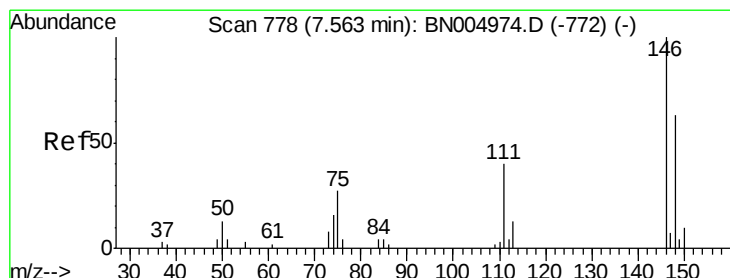
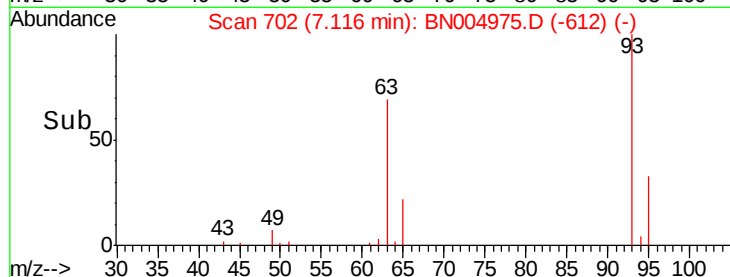
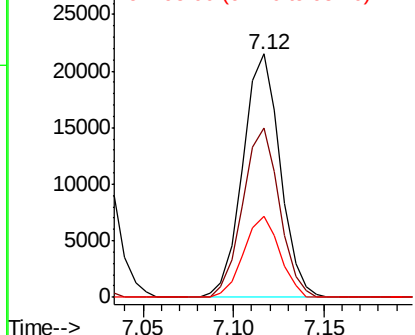
#11  
bis(2-Chloroethyl)ether  
Concen: 48.406 ng  
RT: 7.12 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC050

Tot Ion: 93 Resp: 30784  
Ion Ratio Lower Upper  
93 100  
63 69.4 47.0 87.0  
95 33.4 12.7 52.7

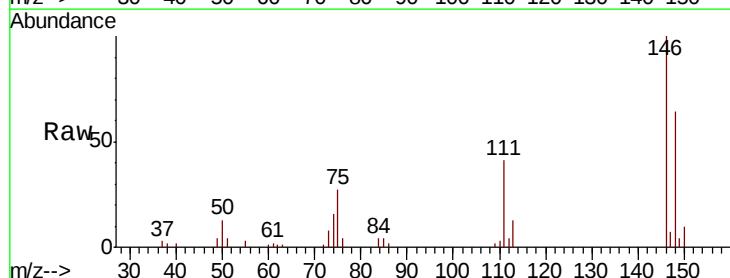


Abundance Ion 93.00 (92.70 to 93.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0  
Ion 95.00 (94.70 to 95.70): BN0

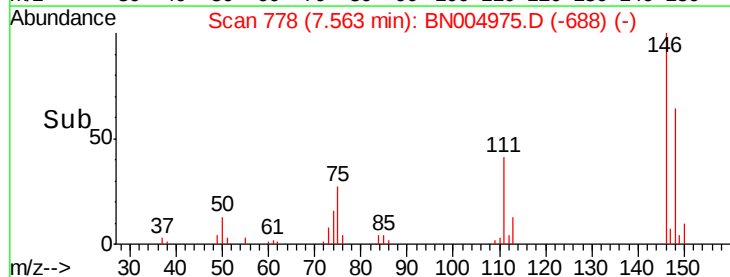
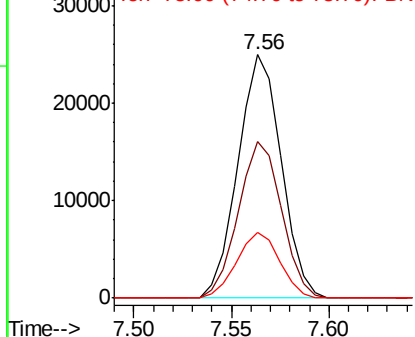


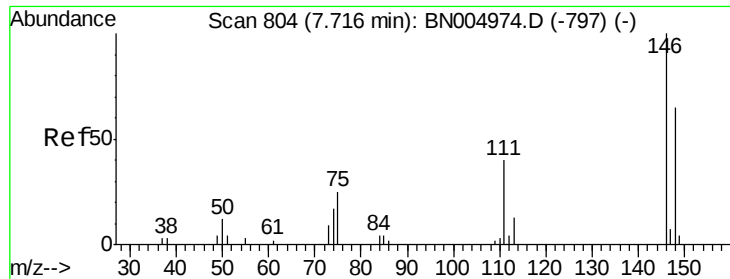
#12  
1,3-Dichlorobenzene  
Concen: 50.062 ng  
RT: 7.56 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion: 146 Resp: 38323  
Ion Ratio Lower Upper  
146 100  
148 64.2 50.6 75.8  
75 27.0 21.5 32.3



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

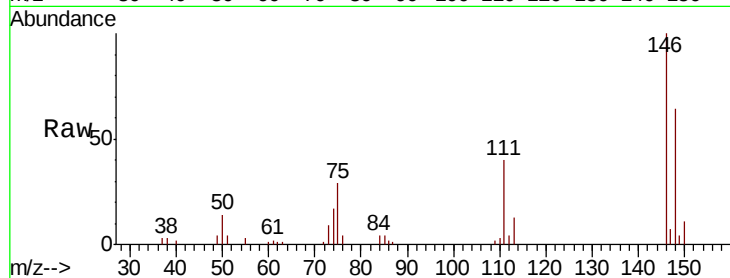




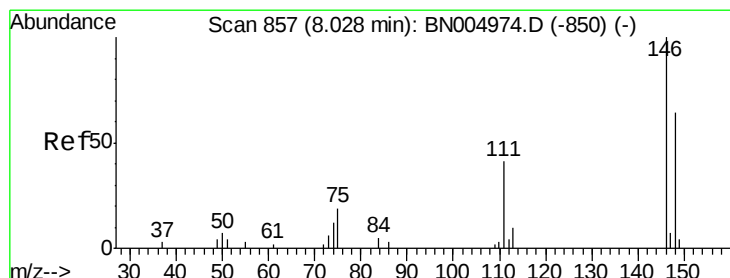
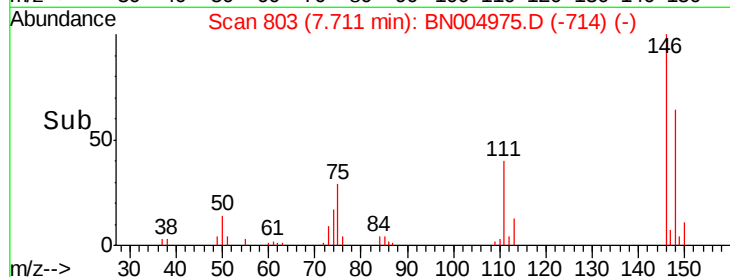
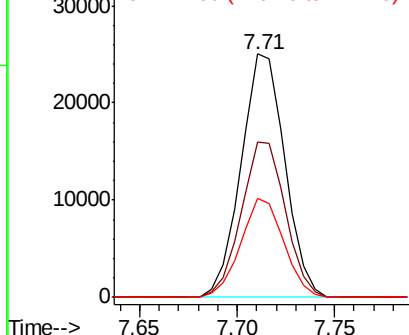
#13  
 1,4-Dichlorobenzene  
 Concen: 49.718 ng  
 RT: 7.71 min Scan# 803  
 Delta R.T. -0.01 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Tot Ion:146 Resp: 38897  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 52.0 78.0  
 111 40.4 31.7 47.5

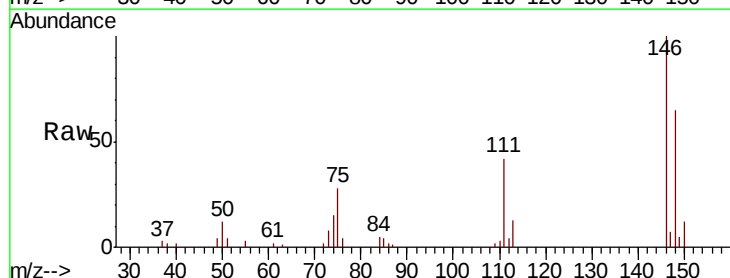


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

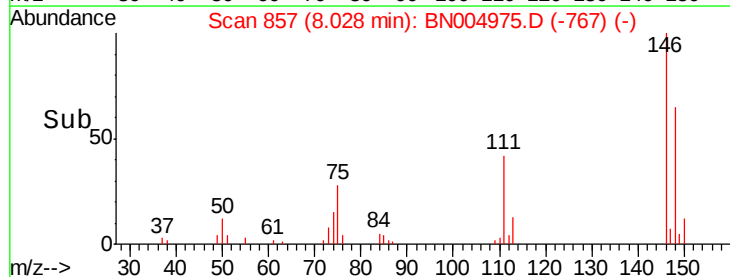
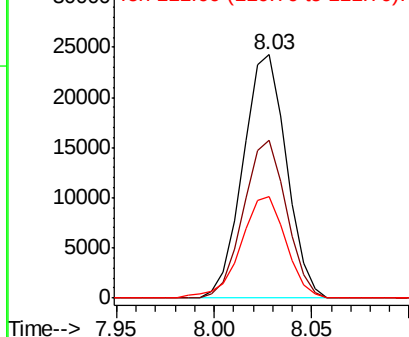


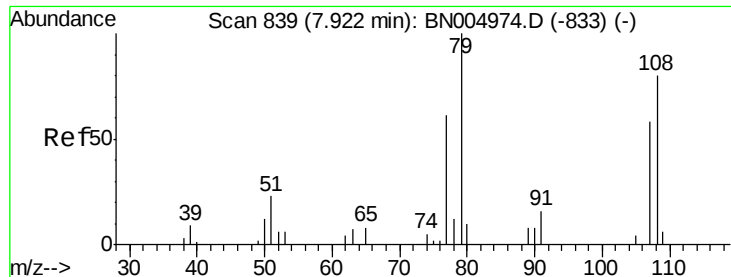
#14  
 1,2-Dichlorobenzene  
 Concen: 49.449 ng  
 RT: 8.03 min Scan# 857  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:146 Resp: 37419  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 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: 51.282 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

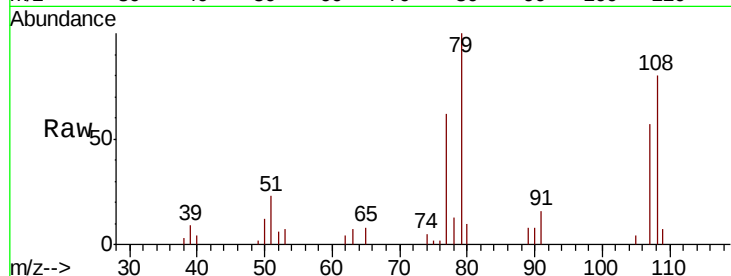
Tot Ion: 79 Resp: 28415

Ion Ratio Lower Upper

79 100

108 80.2 64.0 96.0

77 61.6 48.8 73.2

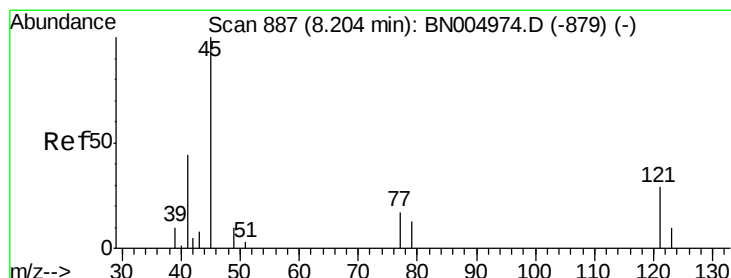
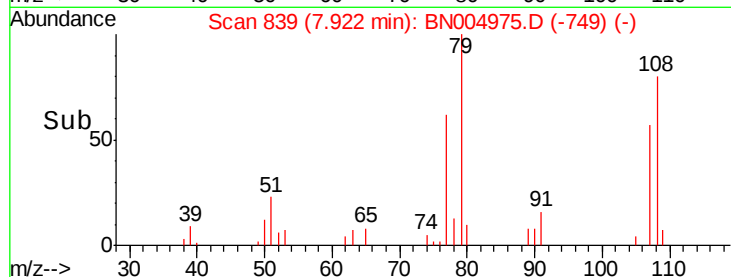
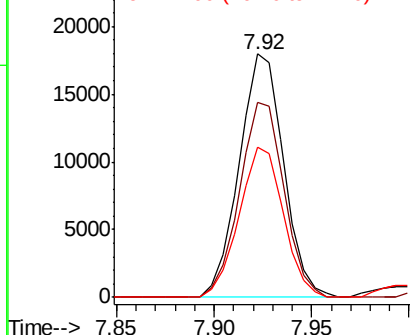


Abundance

Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.983 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

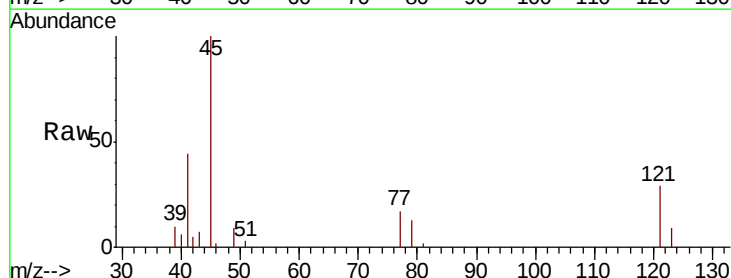
Tgt Ion: 45 Resp: 36686

Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.9

79 13.4 0.0 33.3

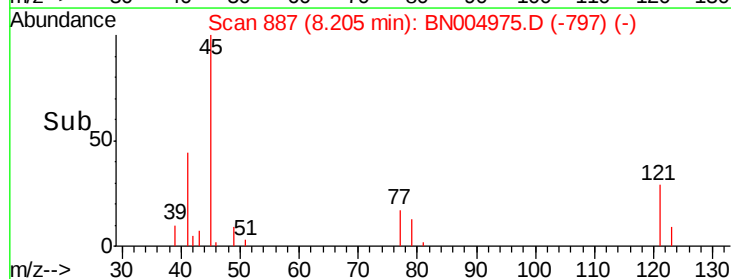
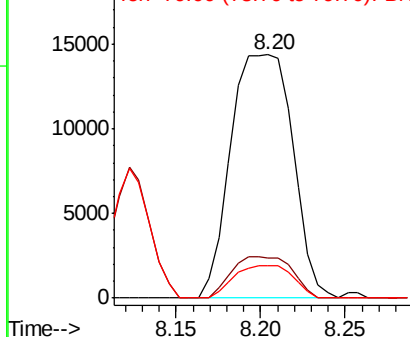


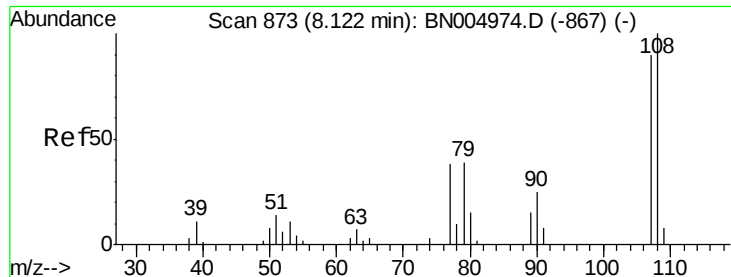
Abundance

Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

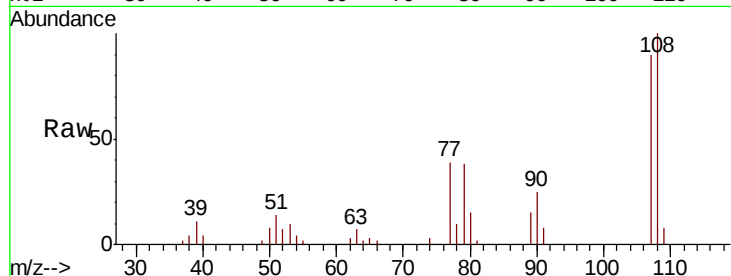




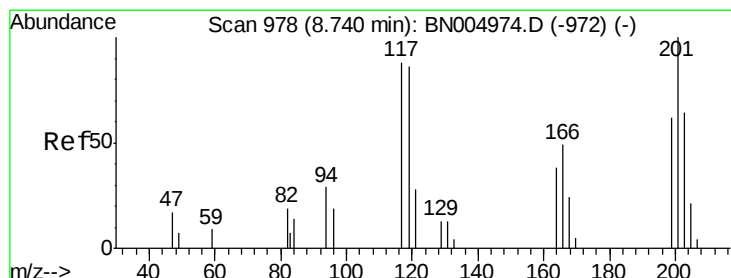
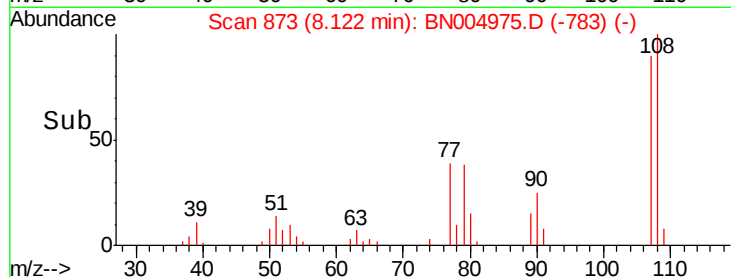
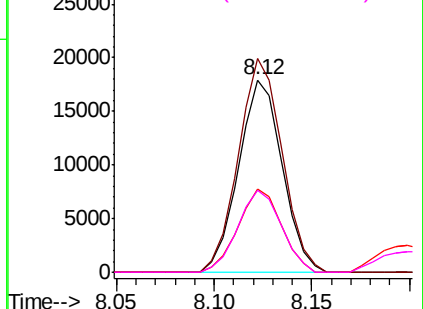
#17  
2-Methylphenol  
Concen: 50.018 ng  
RT: 8.12 min Scan# 873  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tot Ion:107 Resp: 27684  
Ion Ratio Lower Upper  
107 100  
108 111.0 88.8 133.2  
77 43.2 34.2 51.2  
79 42.7 34.8 52.2

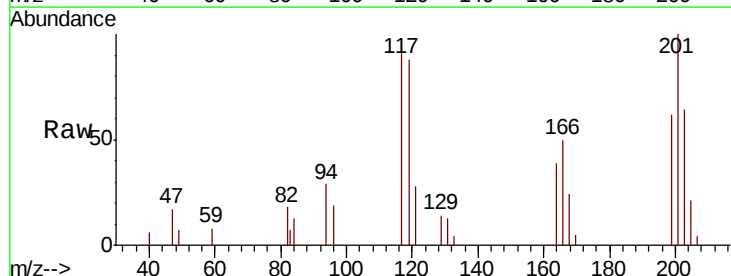


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BNC  
Ion 79.00 (78.70 to 79.70): BNC

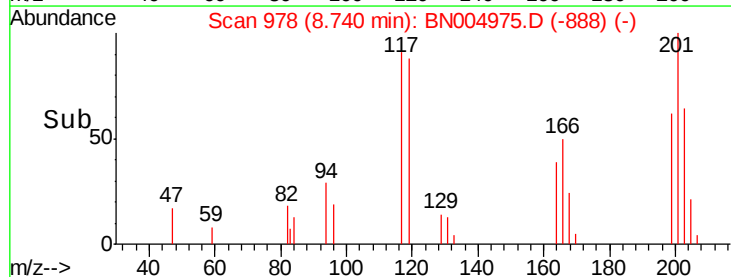
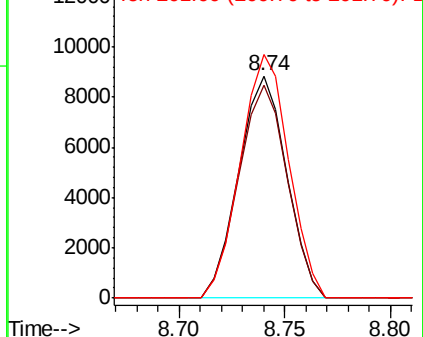


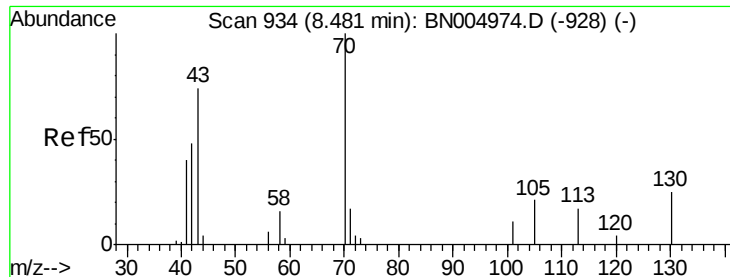
#18  
Hexachloroethane  
Concen: 54.711 ng  
RT: 8.74 min Scan# 978  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:117 Resp: 13931  
Ion Ratio Lower Upper  
117 100  
119 96.1 77.5 116.3  
201 109.7 90.5 135.7



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

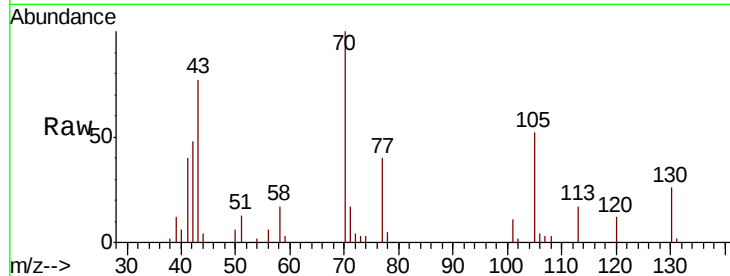




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.761 ng  
RT: 8.49 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

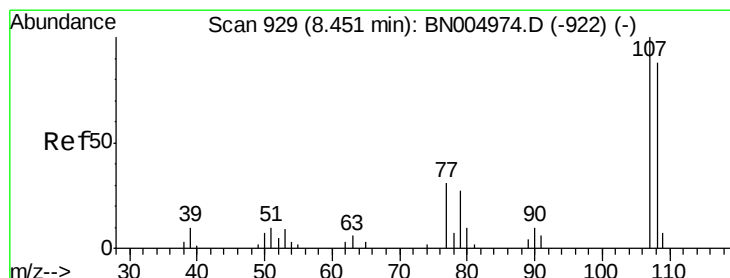
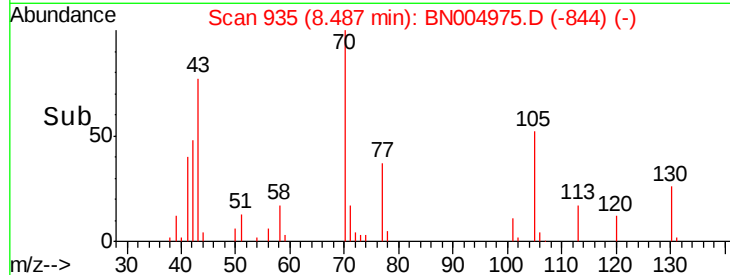
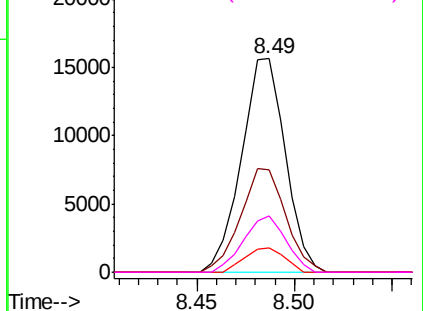
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tot Ion: 70 Resp: 24406  
Ion Ratio Lower Upper  
70 100  
42 48.2 38.4 57.6  
101 11.1 8.8 13.2  
130 26.3 19.8 29.8



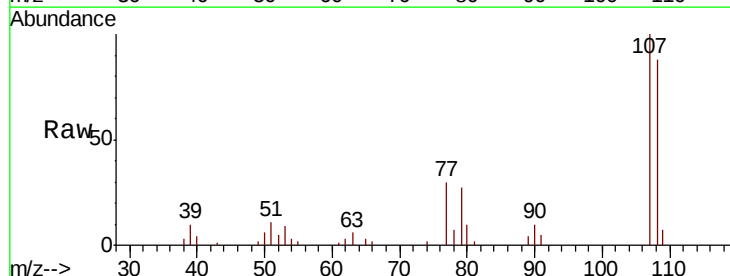
Abundance

Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)



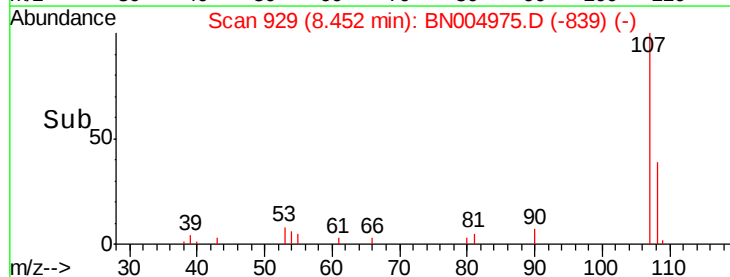
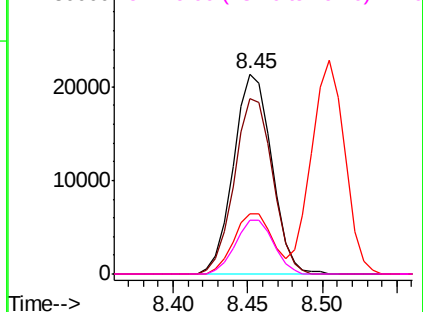
#20  
3+4-Methylphenols  
Concen: 49.494 ng  
RT: 8.45 min Scan# 929  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion: 107 Resp: 38148  
Ion Ratio Lower Upper  
107 100  
108 87.9 67.9 107.9  
77 30.1 10.6 50.6  
79 26.7 6.8 46.8



Abundance

Ion 107.00 (106.70 to 107.70): BN004974.D (-922) (-)

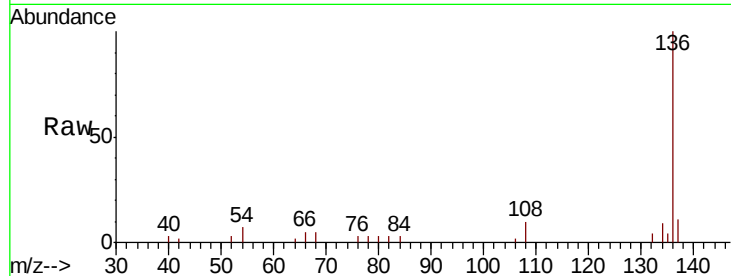




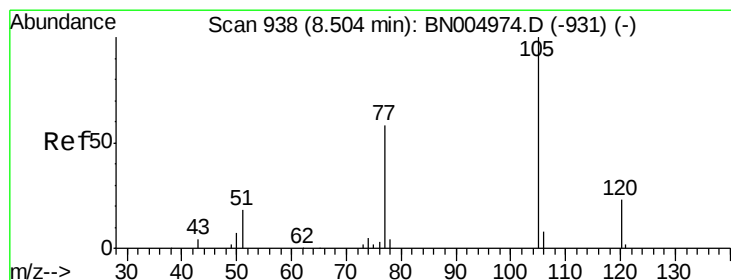
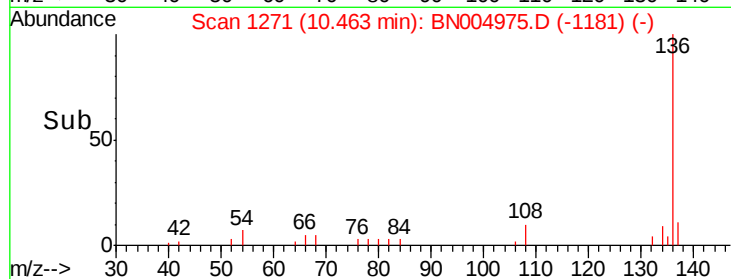
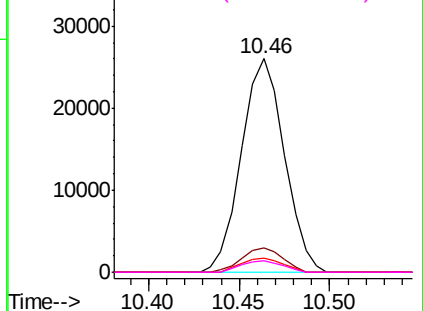
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.46 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

|             |       |       |  |
|-------------|-------|-------|--|
| Tot Ion:136 | Resp: | 42902 |  |
| Ion Ratio   | Lower | Upper |  |
| 136 100     |       |       |  |
| 137 11.2    | 8.9   | 13.3  |  |
| 54 6.8      | 5.3   | 7.9   |  |
| 68 5.4      | 4.6   | 6.8   |  |

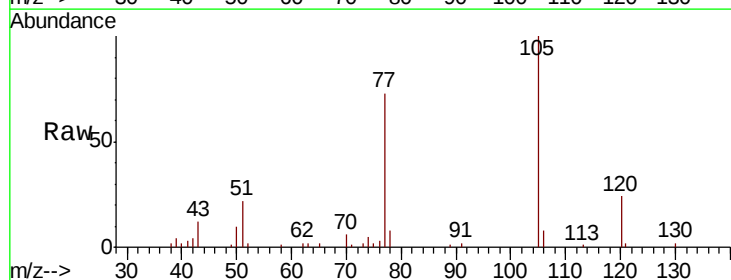


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BNC  
Ion 68.00 (67.70 to 68.70): BNC

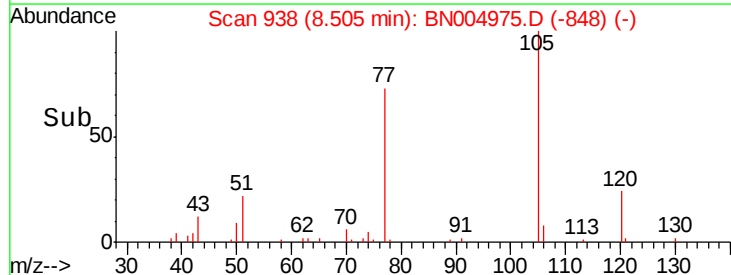
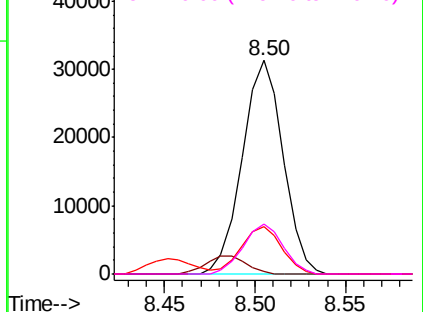


#22  
Acetophenone  
Concen: 49.991 ng  
RT: 8.50 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:105 | Resp: | 48899 |
| Ion | Ratio   | Lower | Upper |
| 105 | 100     |       |       |
| 71  | 1.0     | 0.0   | 0.0#  |
| 51  | 22.1    | 17.8  | 26.8  |
| 120 | 23.5    | 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

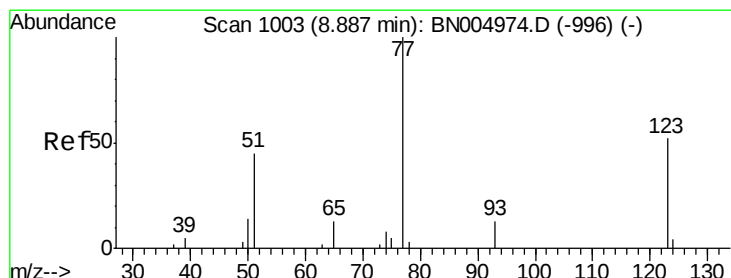
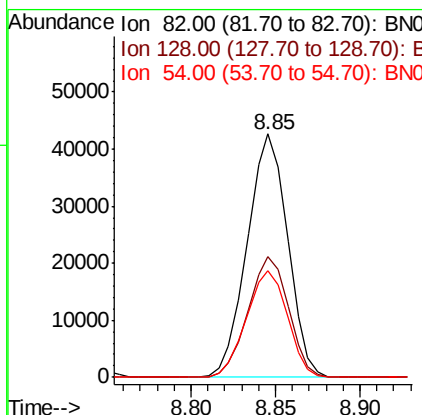
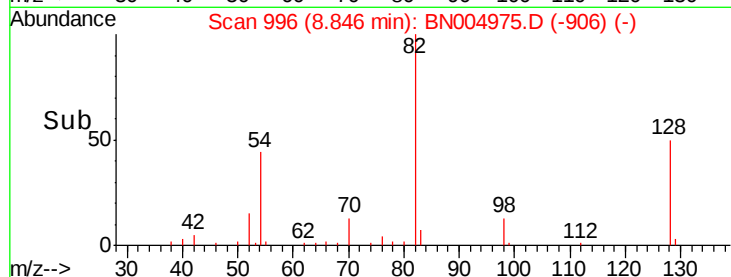
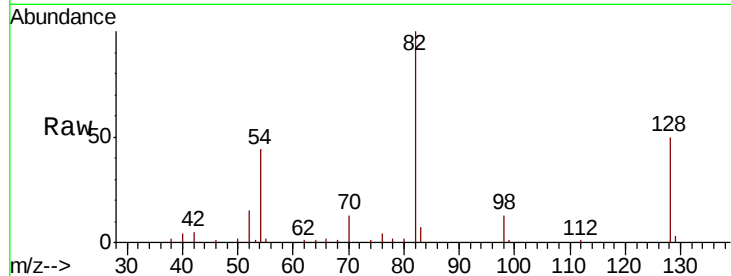




#23  
 Nitrobenzene-d5  
 Concen: 104.381 ng  
 RT: 8.85 min Scan# 996  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

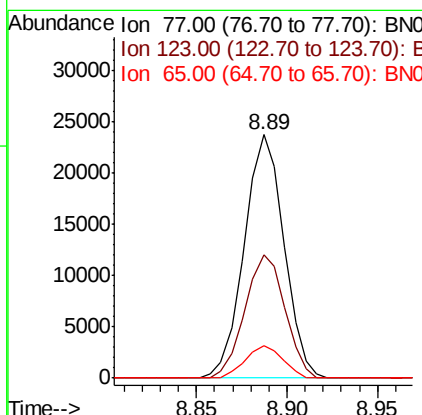
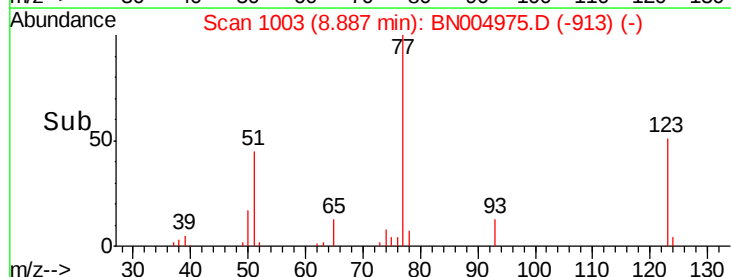
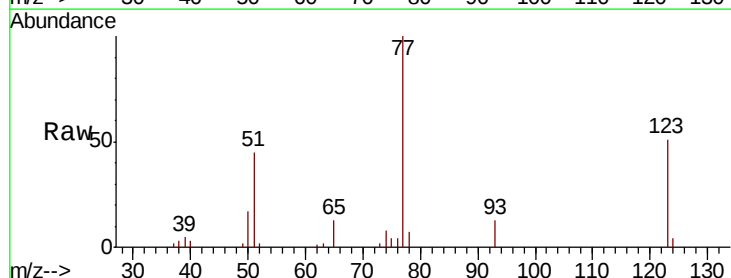
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

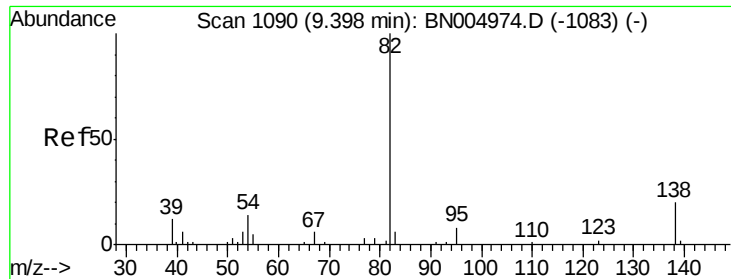
Tot Ion: 82 Resp: 71142  
 Ion Ratio Lower Upper  
 82 100  
 128 49.8 40.6 60.8  
 54 43.8 35.2 52.8



#24  
 Nitrobenzene  
 Concen: 51.571 ng  
 RT: 8.89 min Scan# 1003  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion: 77 Resp: 36070  
 Ion Ratio Lower Upper  
 77 100  
 123 50.6 41.3 61.9  
 65 13.1 10.3 15.5





#25

Isophorone

Concen: 58.225 ng

RT: 9.40 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampled :

SSTDICC050

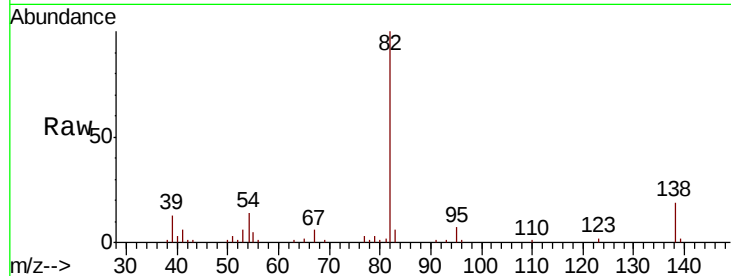
Tot Ion: 82 Resp: 68722

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

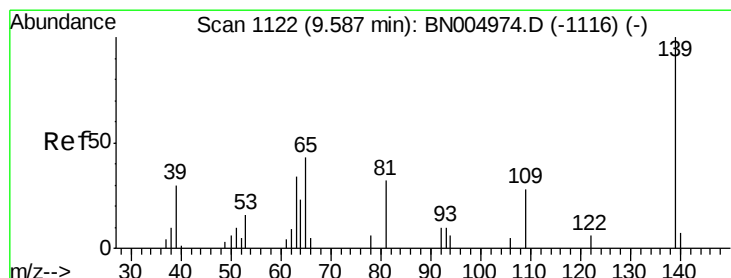
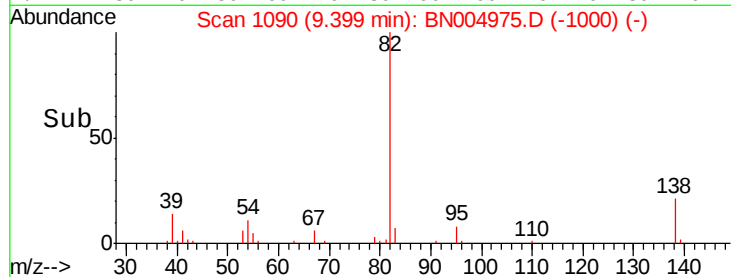
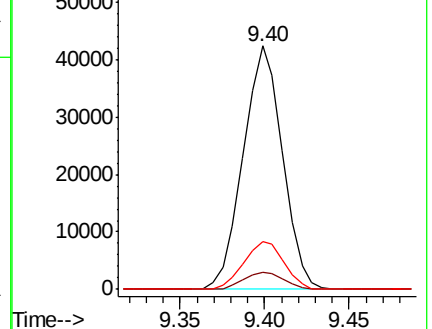
138 19.4 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 52.994 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

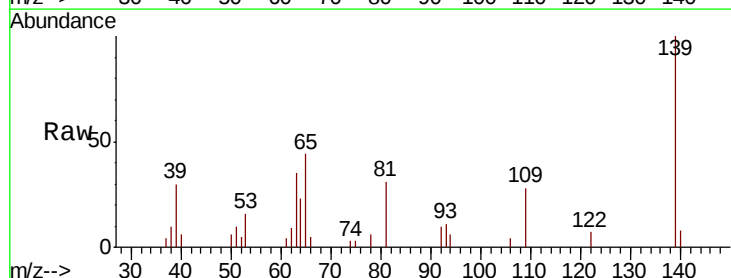
Tgt Ion: 139 Resp: 21073

Ion Ratio Lower Upper

139 100

109 28.2 22.5 33.7

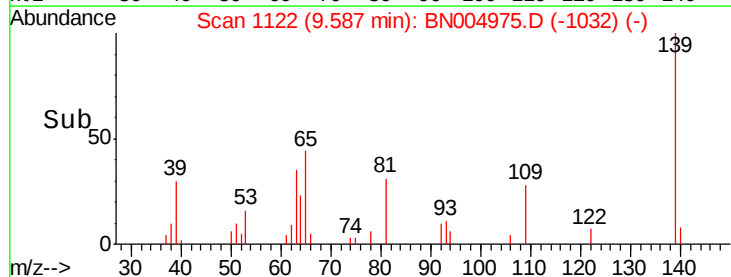
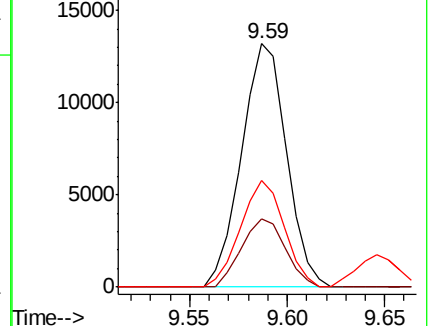
65 44.0 34.2 51.4

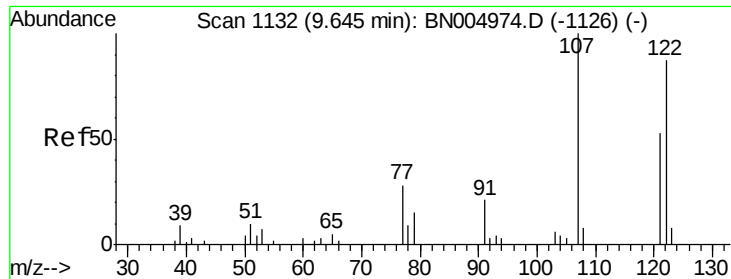


Abundance Ion 139.00 (138.70 to 139.70): BNC

Ion 109.00 (108.70 to 109.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

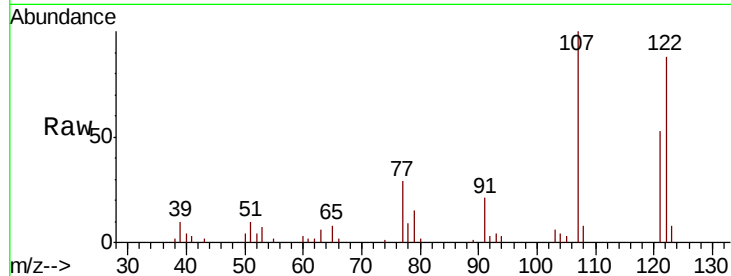




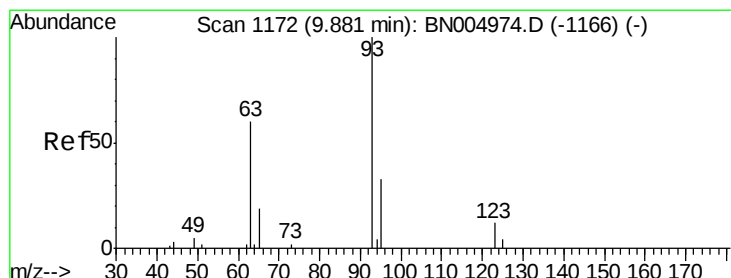
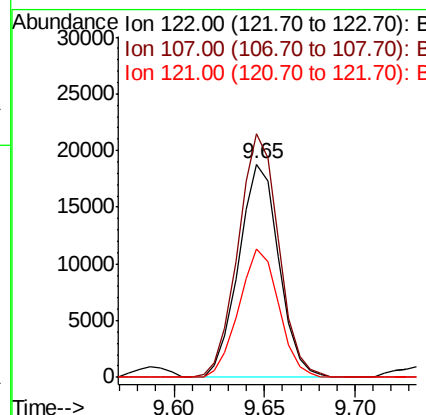
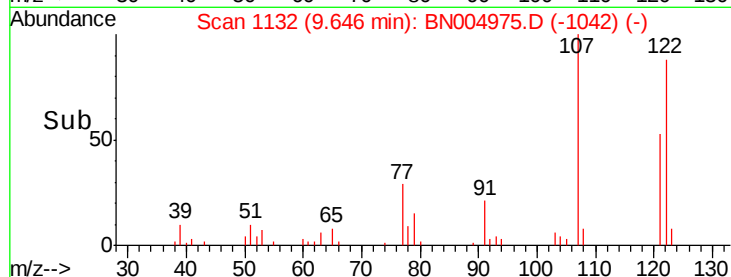
#27  
 2,4-Dimethylphenol  
 Concen: 51.103 ng  
 RT: 9.65 min Scan# 1132  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Tot Ion:122 Resp: 29045  
 Ion Ratio Lower Upper  
 122 100  
 107 114.1 91.6 137.4  
 121 60.1 48.2 72.2

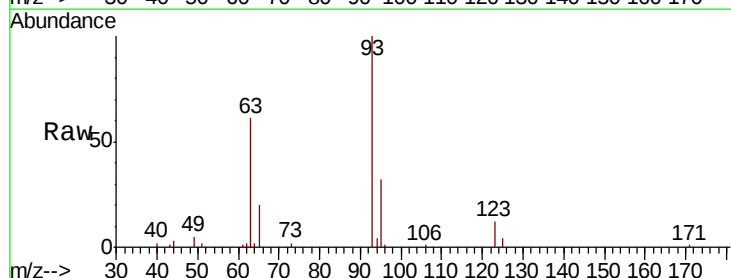


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

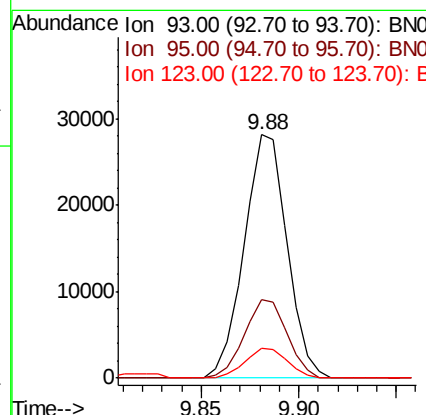
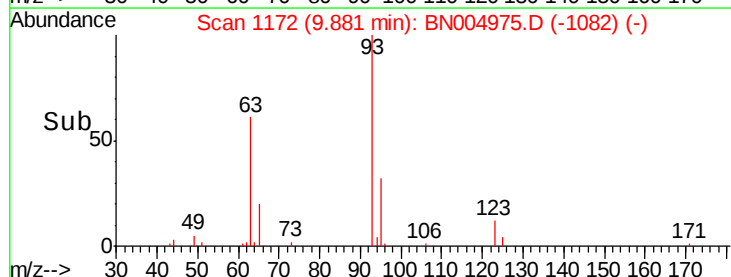


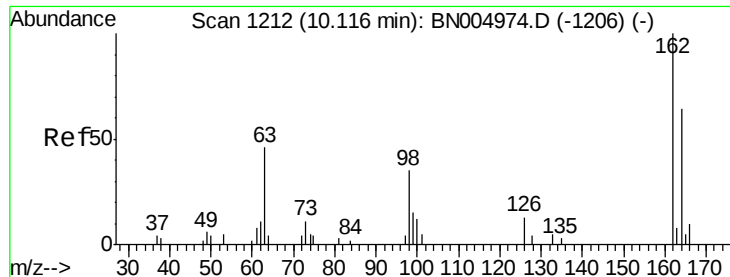
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 52.177 ng  
 RT: 9.88 min Scan# 1172  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion: 93 Resp: 42877  
 Ion Ratio Lower Upper  
 93 100  
 95 32.3 26.2 39.4  
 123 12.2 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

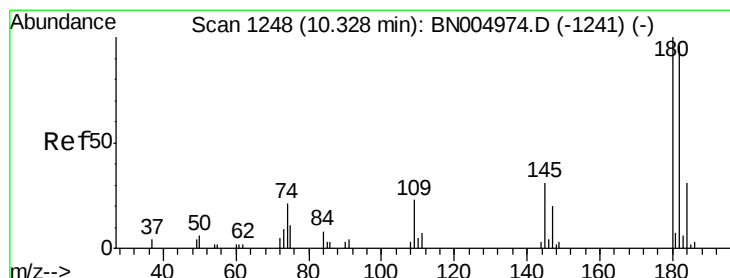
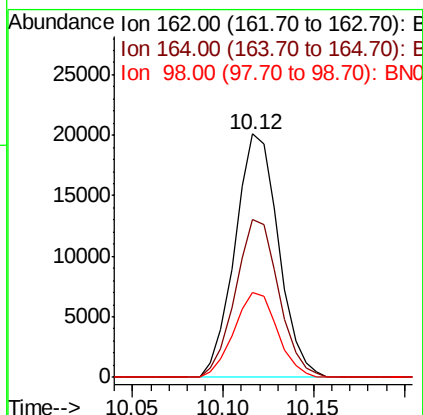
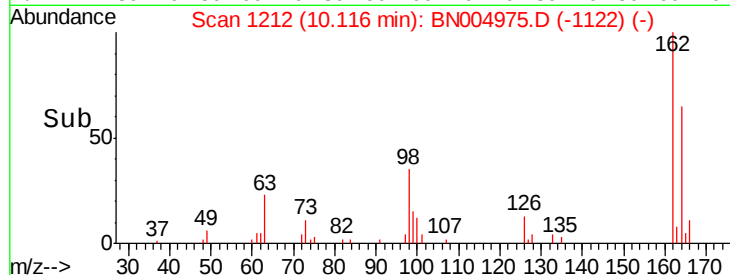
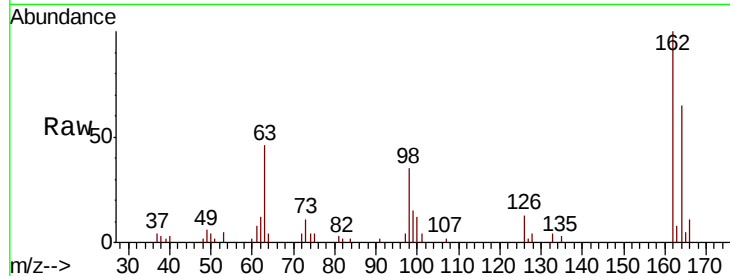




#29  
2,4-Dichlorophenol  
Concen: 50.157 ng  
RT: 10.12 min Scan# 1212  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

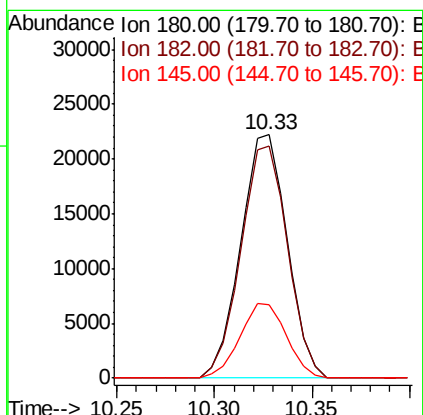
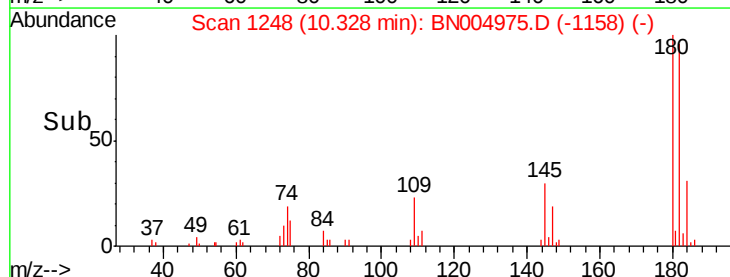
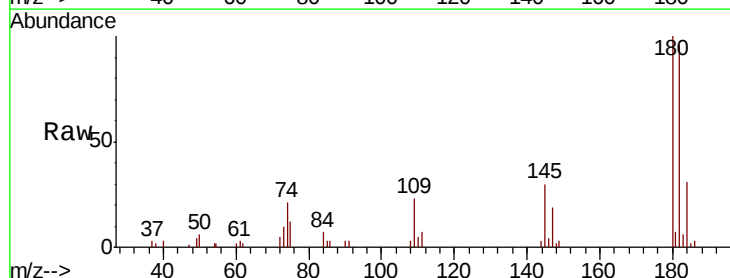
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

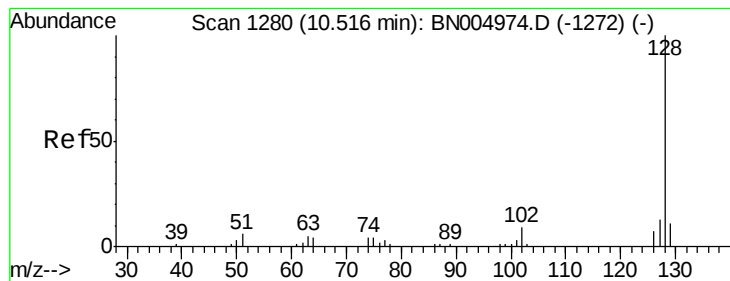
Tot Ion:162 Resp: 33543  
Ion Ratio Lower Upper  
162 100  
164 64.7 44.3 84.3  
98 34.7 15.3 55.3



#30  
1,2,4-Trichlorobenzene  
Concen: 48.045 ng  
RT: 10.33 min Scan# 1248  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:180 Resp: 36621  
Ion Ratio Lower Upper  
180 100  
182 95.5 76.6 114.8  
145 30.4 24.6 37.0





#31

Naphthalene

Concen: 53.390 ng

RT: 10.52 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

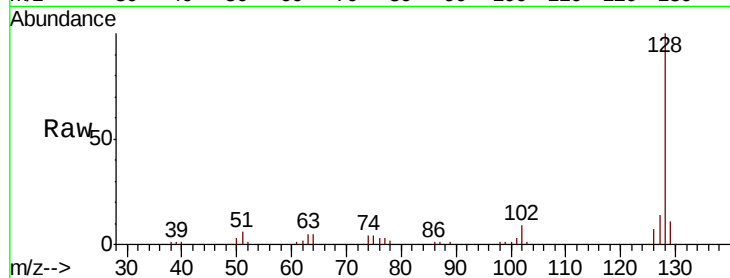
Tot Ion:128 Resp: 111496

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

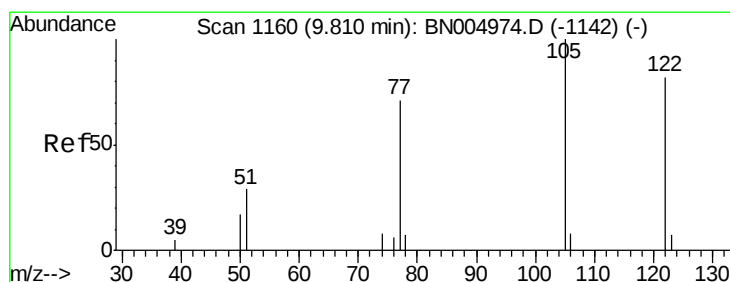
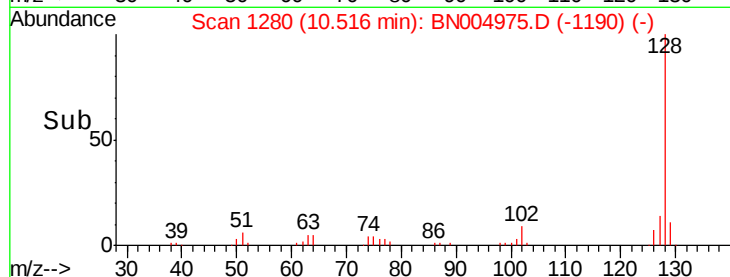
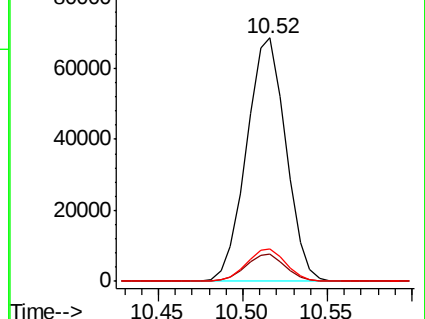
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.312 ng

RT: 9.82 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

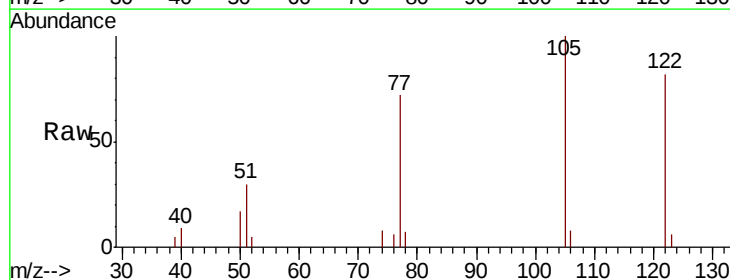
Tgt Ion:122 Resp: 23505

Ion Ratio Lower Upper

122 100

105 122.1 102.4 142.4

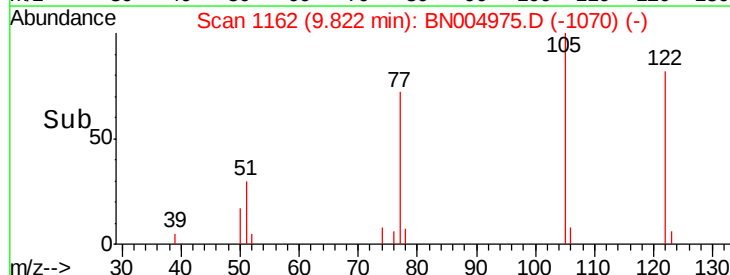
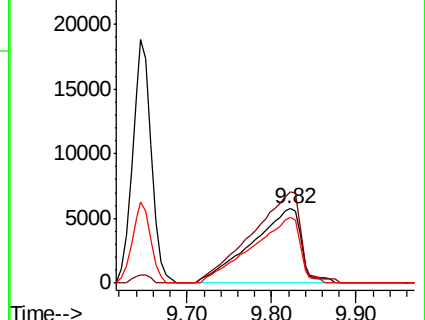
77 88.5 67.1 107.1

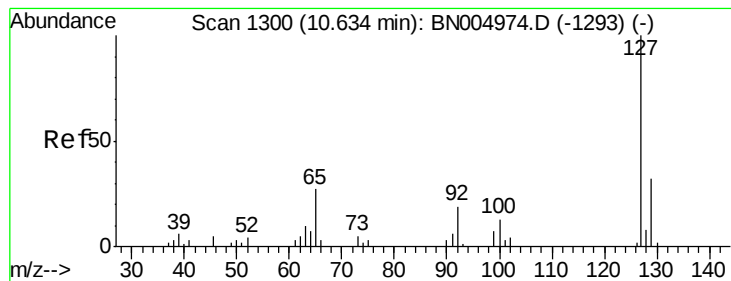


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO





#33

4-Chloroaniline

Concen: 49.067 ng

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

Tot Ion:127 Resp: 45720

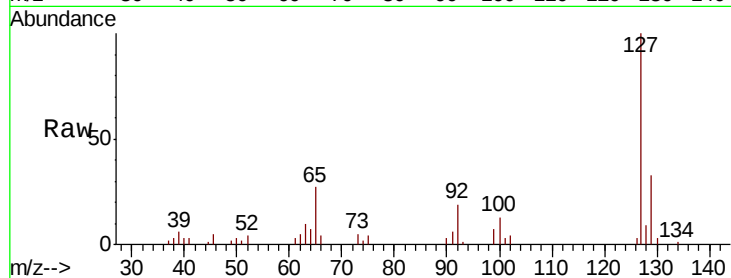
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 27.3 21.4 32.0

92 19.3 15.3 22.9

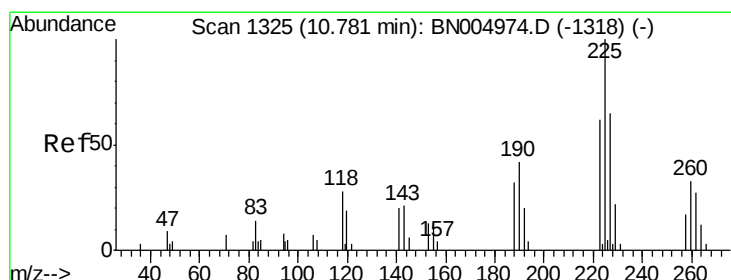
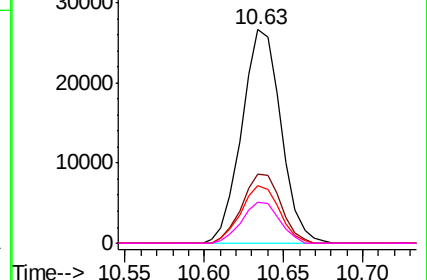
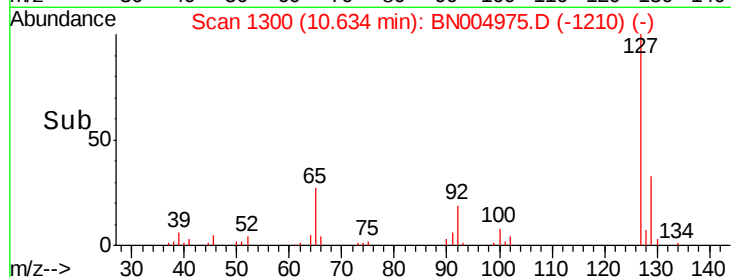


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC



#34

Hexachlorobutadiene

Concen: 52.171 ng

RT: 10.78 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

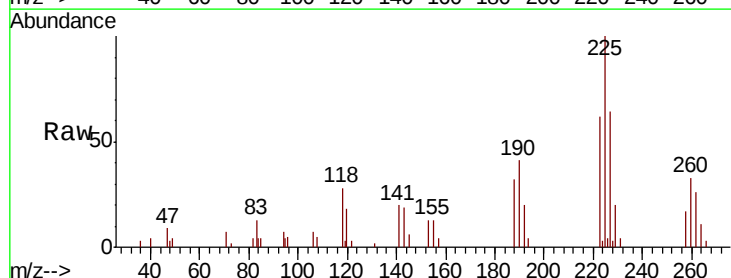
Tgt Ion:225 Resp: 23812

Ion Ratio Lower Upper

225 100

223 62.0 49.7 74.5

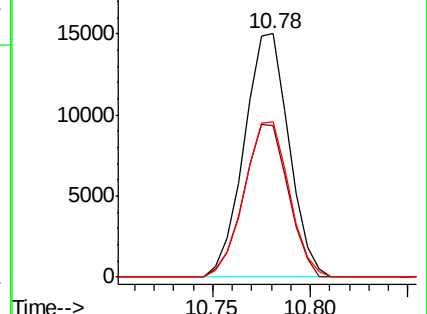
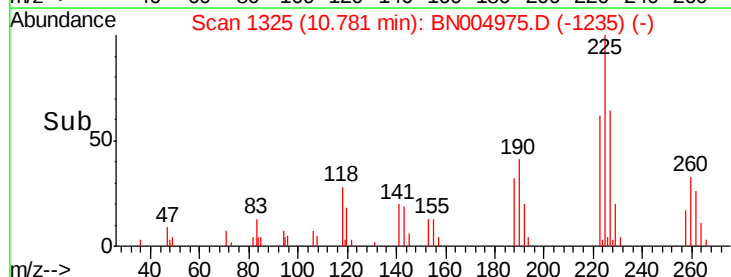
227 63.7 52.0 78.0

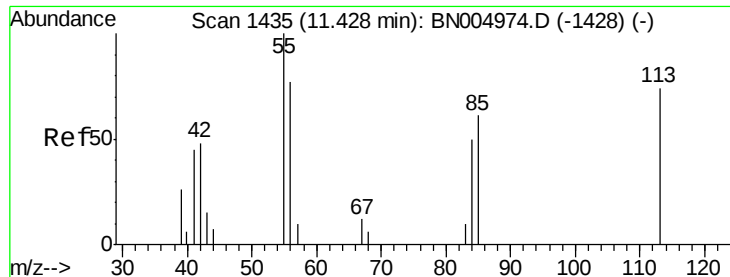


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.815 ng

RT: 11.43 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

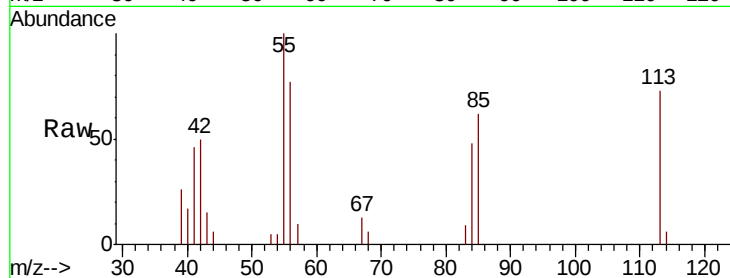
Tot Ion:113 Resp: 11040

Ion Ratio Lower Upper

113 100

55 136.2 115.8 155.8

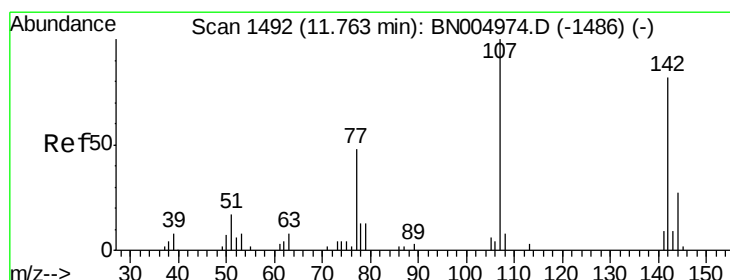
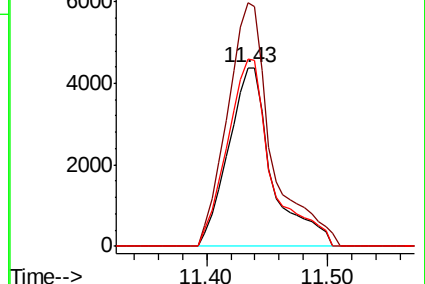
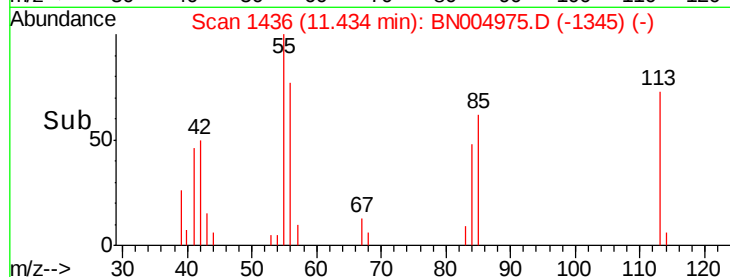
56 104.5 85.1 125.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#36

4-Chloro-3-methylphenol

Concen: 50.736 ng

RT: 11.76 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

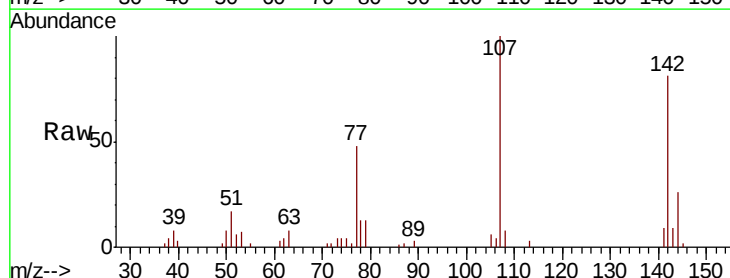
Tgt Ion:107 Resp: 35943

Ion Ratio Lower Upper

107 100

144 26.4 21.3 31.9

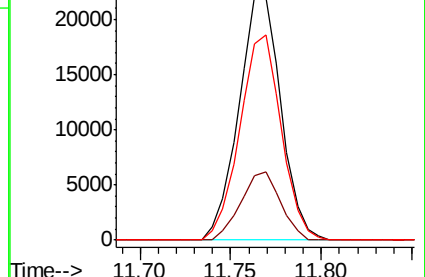
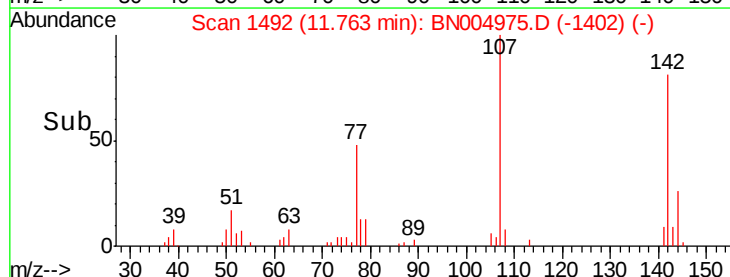
142 80.7 65.8 98.8

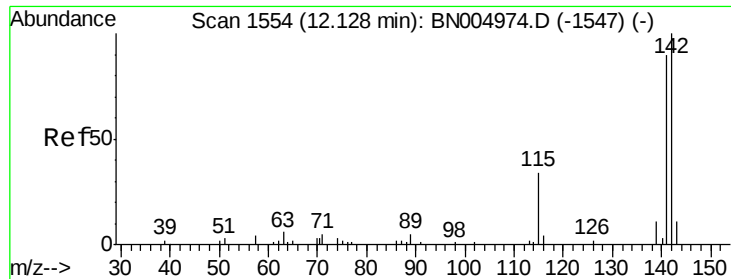


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

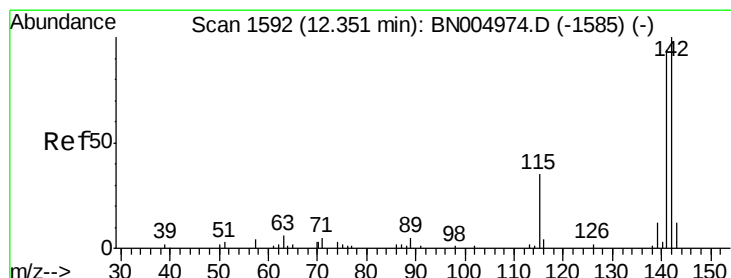
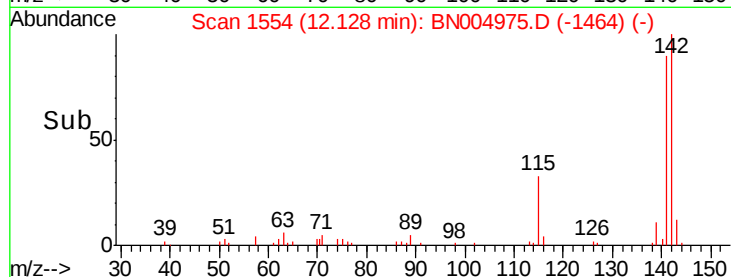
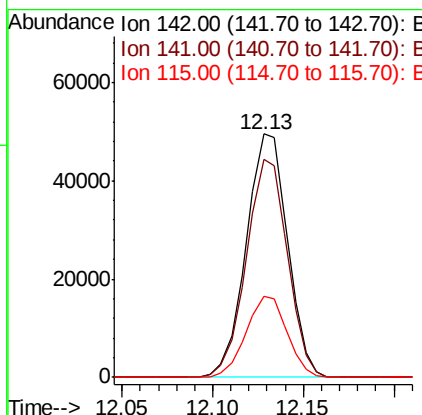
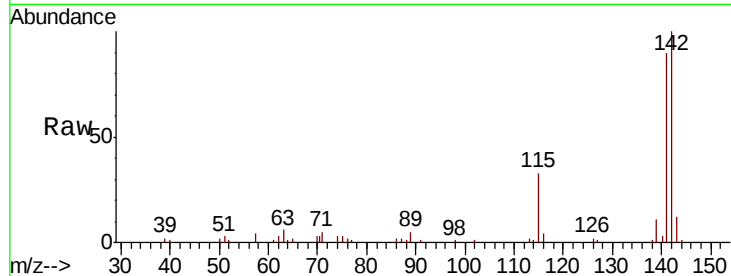




#37  
 2-Methylnaphthalene  
 Concen: 52.696 ng  
 RT: 12.13 min Scan# 1554  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

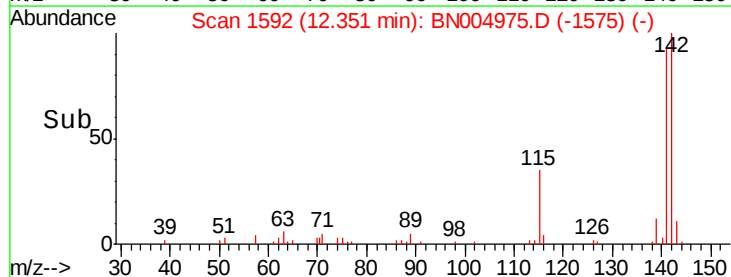
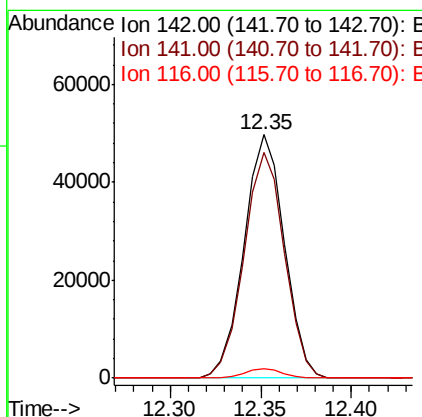
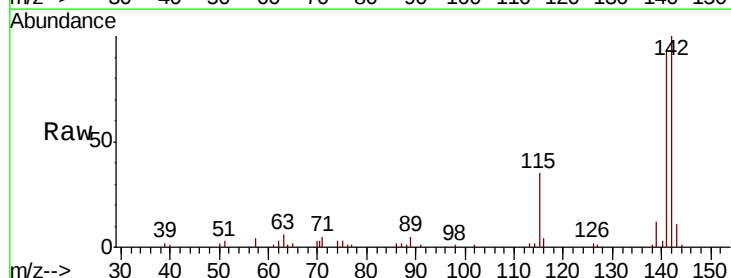
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

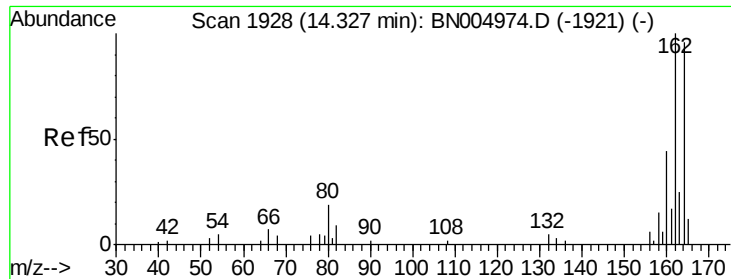
Tot Ion:142 Resp: 78596  
 Ion Ratio Lower Upper  
 142 100  
 141 89.8 71.8 107.8  
 115 33.4 27.0 40.4



#38  
 1-Methylnaphthalene  
 Concen: 53.179 ng  
 RT: 12.35 min Scan# 1592  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:142 Resp: 76824  
 Ion Ratio Lower Upper  
 142 100  
 141 92.9 74.9 112.3  
 116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

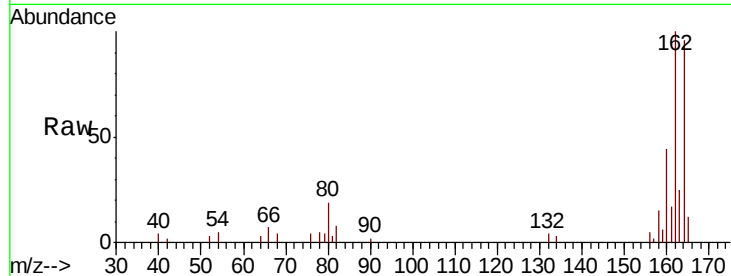
Tot Ion:164 Resp: 23844

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.0

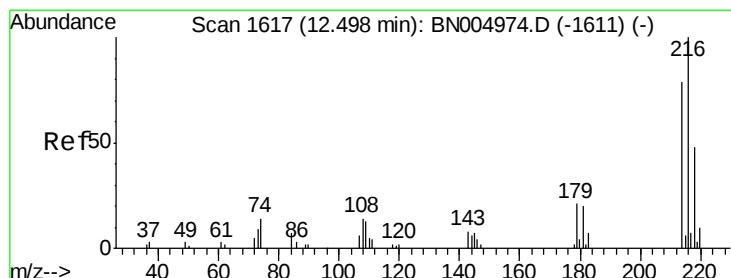
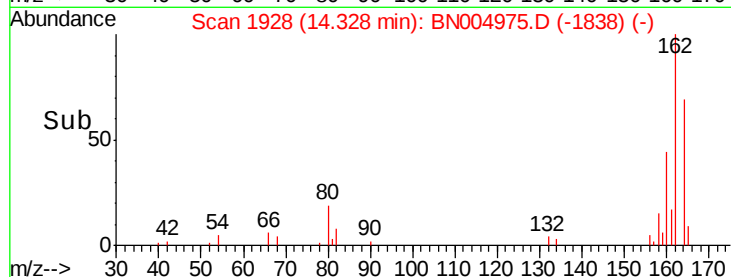
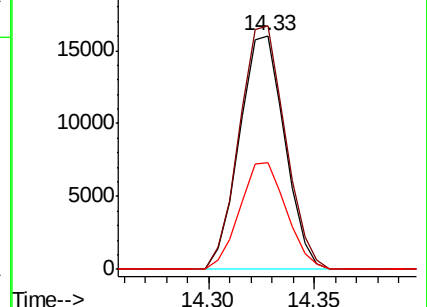
160 45.8 36.6 55.0



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: 50.114 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Tgt Ion:216 Resp: 42953

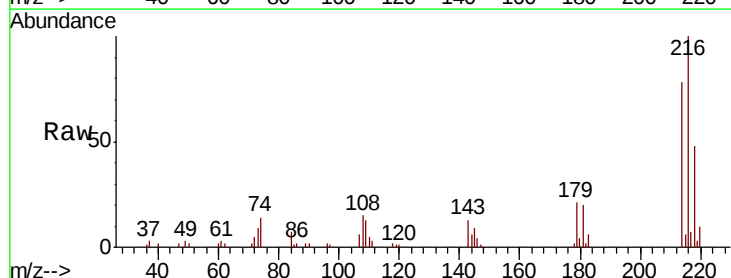
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.6 16.4 24.6

108 15.8 12.7 19.1

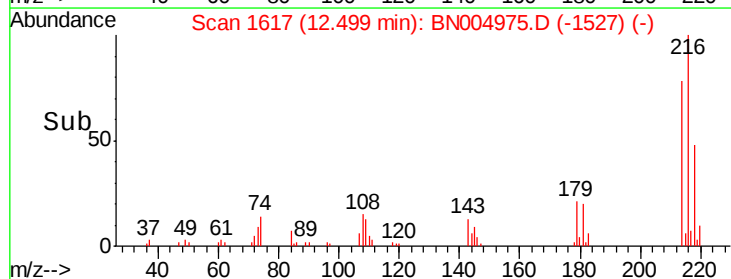
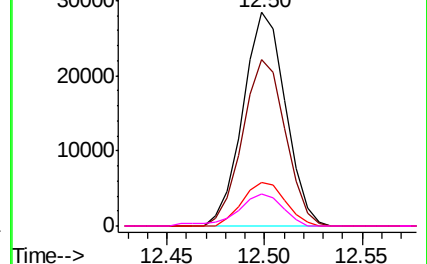


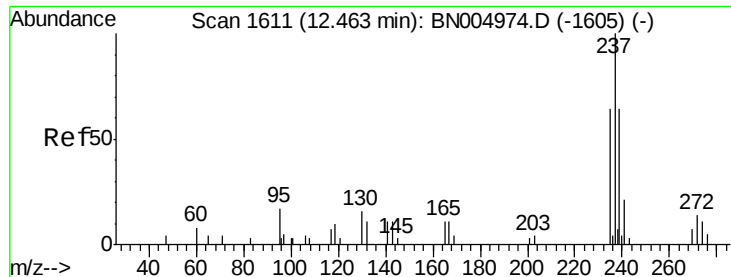
Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.466 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

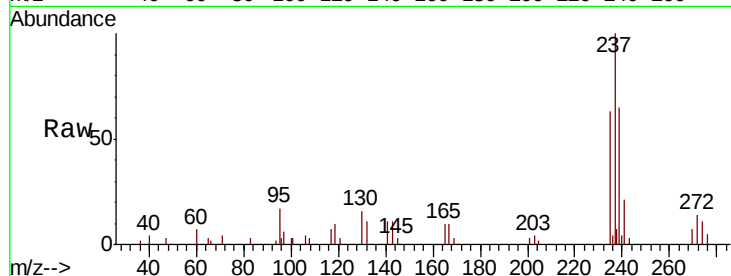
Tot Ion:237 Resp: 23270

Ion Ratio Lower Upper

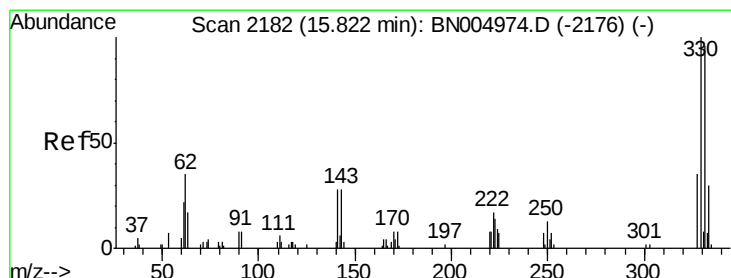
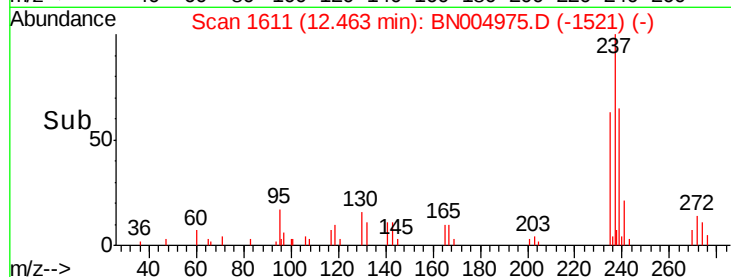
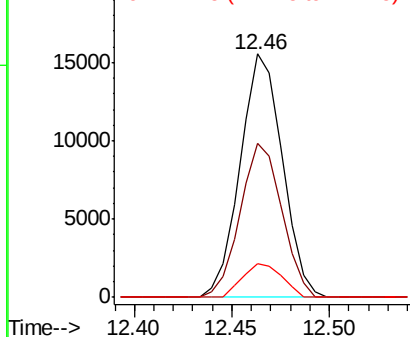
237 100

235 63.1 43.6 83.6

272 13.9 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 107.038 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

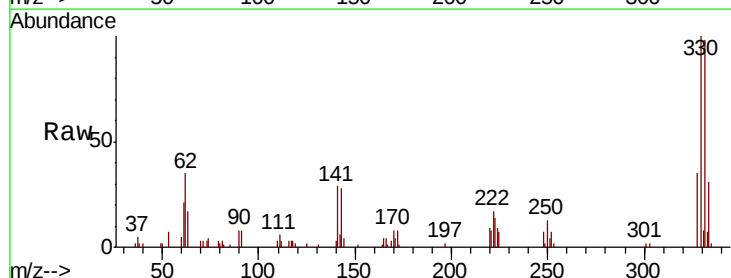
Tgt Ion:330 Resp: 38047

Ion Ratio Lower Upper

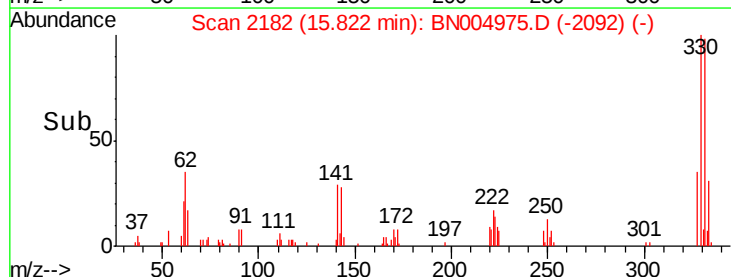
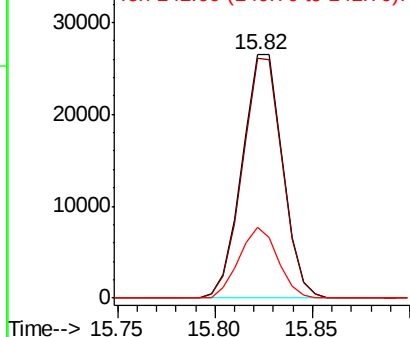
330 100

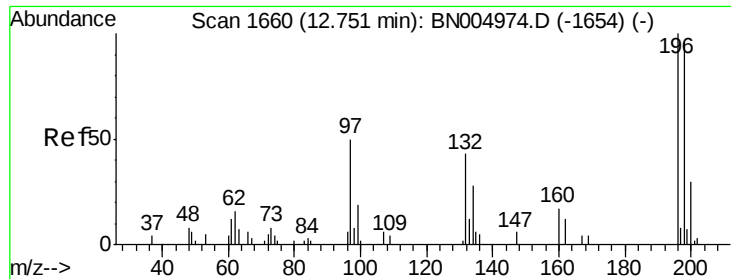
332 97.7 77.4 116.0

141 27.7 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

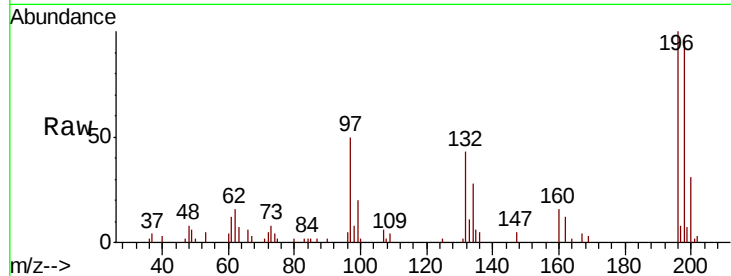




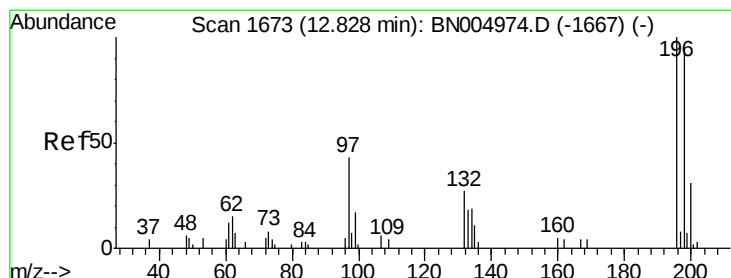
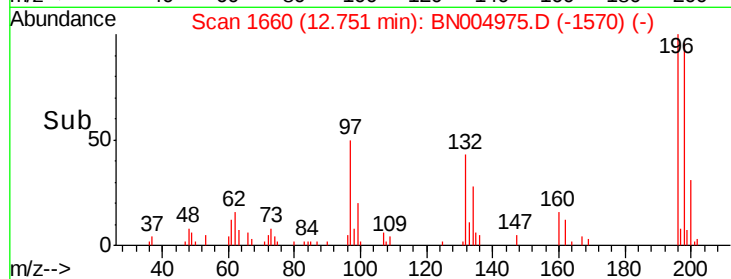
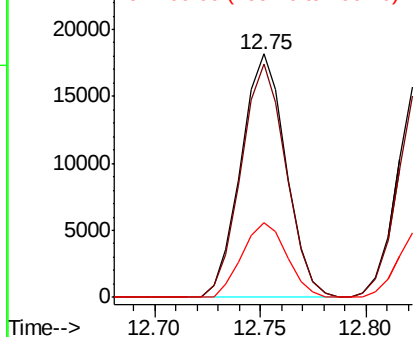
#43  
 2,4,6-Trichlorophenol  
 Concen: 50.628 ng  
 RT: 12.75 min Scan# 1660  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Tot Ion:196 Resp: 26944  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 76.5 114.7  
 200 30.9 24.0 36.0

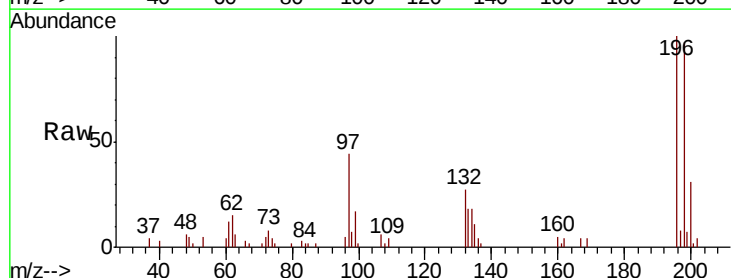


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

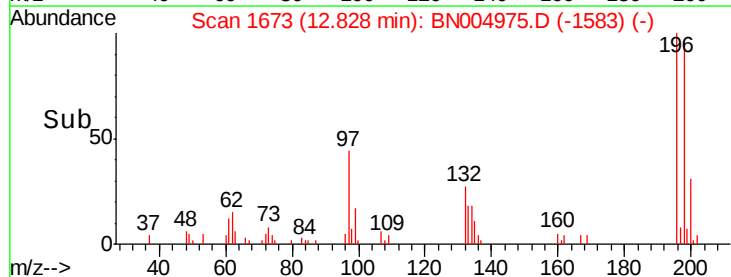
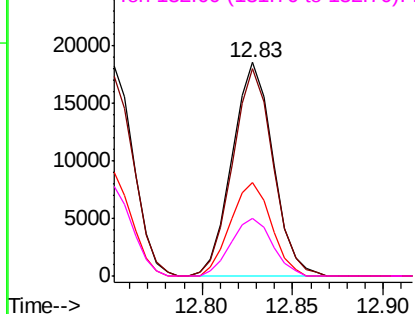


#44  
 2,4,5-Trichlorophenol  
 Concen: 51.356 ng  
 RT: 12.83 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:196 Resp: 29155  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 76.1 114.1  
 97 44.0 34.8 52.2  
 132 27.2 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BNC  
 Ion 132.00 (131.70 to 132.70): E

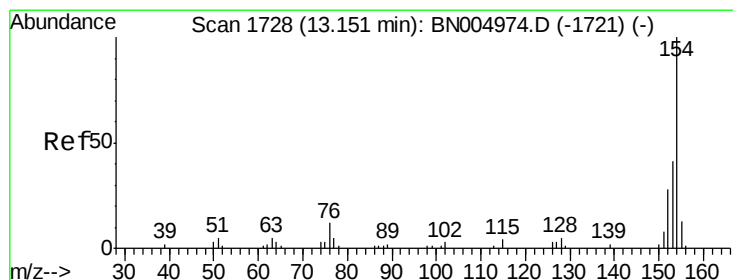
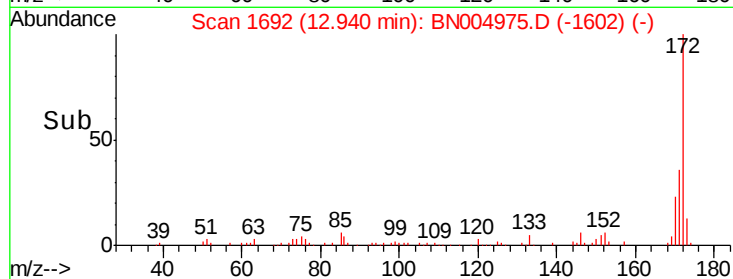
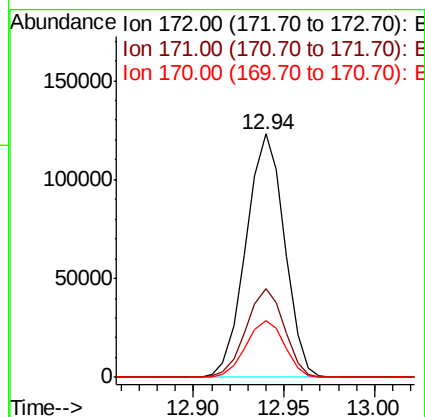
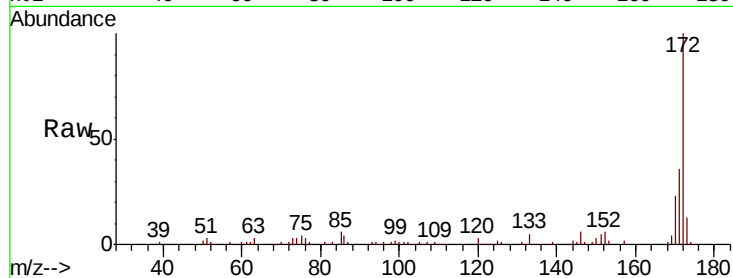




#45  
 2-Fluorobiphenyl  
 Concen: 101.668 ng  
 RT: 12.94 min Scan# 1692  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

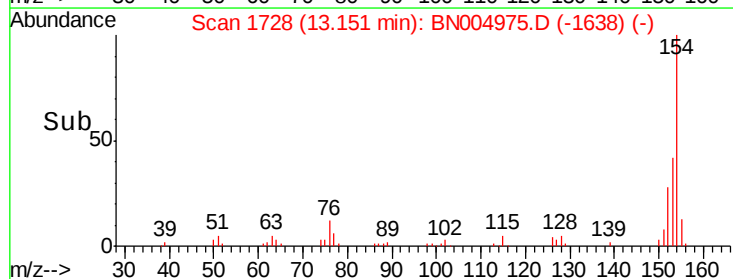
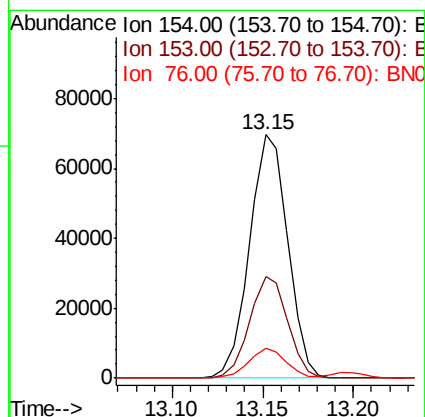
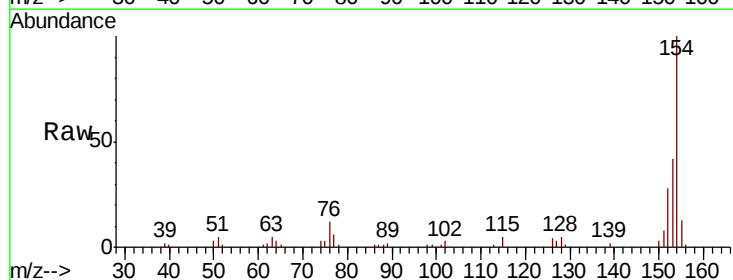
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

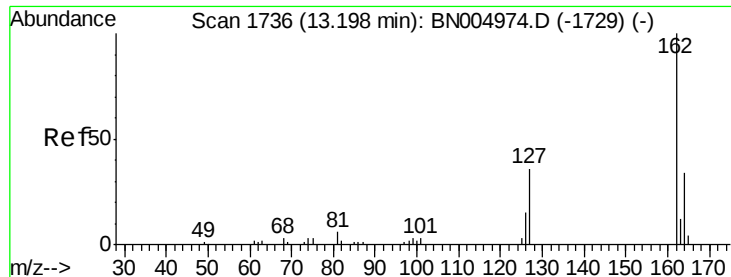
Tot Ion:172 Resp: 181619  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 28.6 42.8  
 170 23.5 18.9 28.3



#46  
 1,1'-Biphenyl  
 Concen: 48.173 ng  
 RT: 13.15 min Scan# 1728  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:154 Resp: 101733  
 Ion Ratio Lower Upper  
 154 100  
 153 41.6 21.2 61.2  
 76 12.4 0.0 32.2

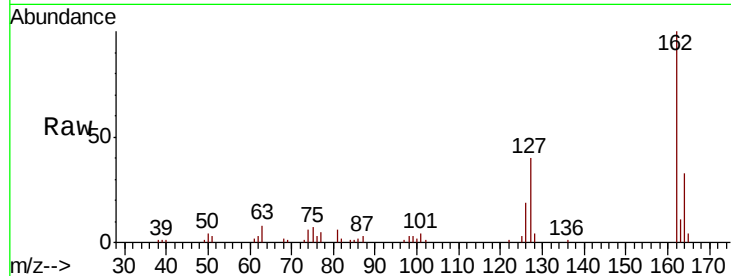




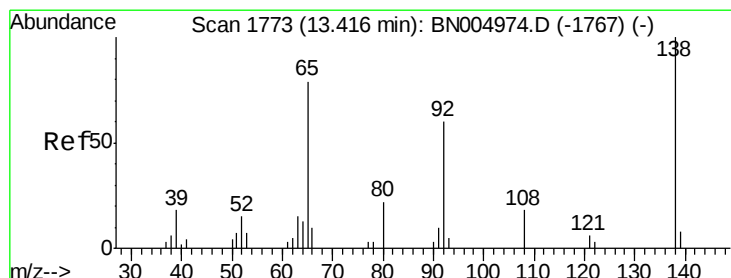
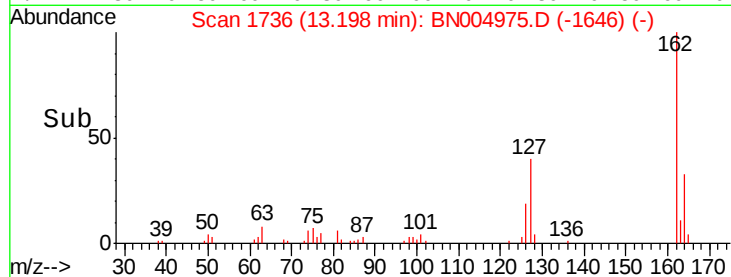
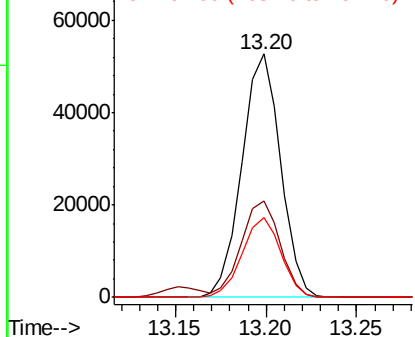
#47  
2-Chloronaphthalene  
Concen: 49.255 ng  
RT: 13.20 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tot Ion:162 Resp: 78262  
Ion Ratio Lower Upper  
162 100  
127 39.8 32.4 48.6  
164 32.7 26.8 40.2

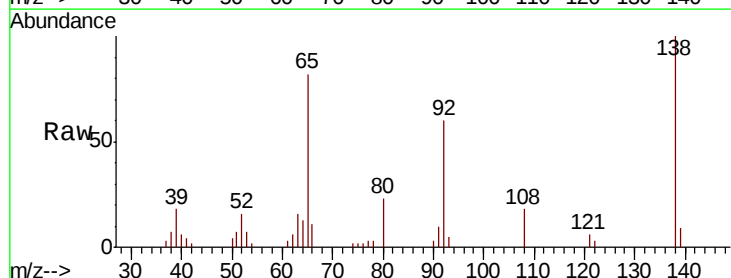


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

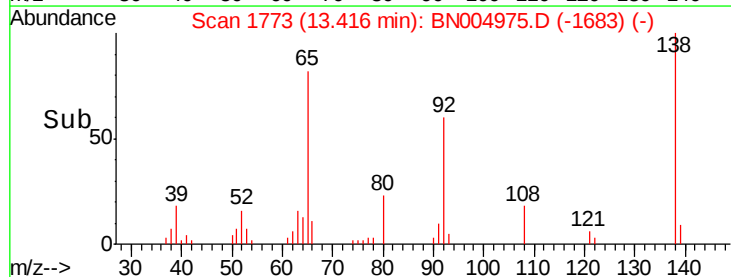
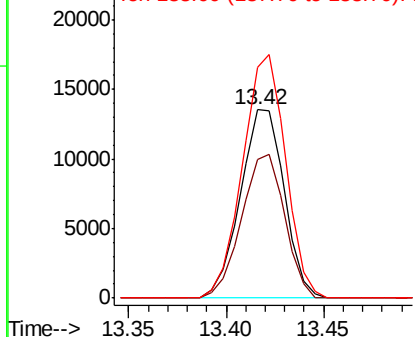


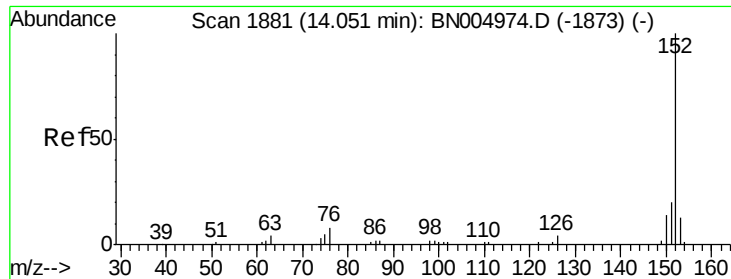
#48  
2-Nitroaniline  
Concen: 53.133 ng  
RT: 13.42 min Scan# 1773  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion: 65 Resp: 21035  
Ion Ratio Lower Upper  
65 100  
92 73.7 60.2 90.4  
138 122.6 101.1 151.7



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: 55.924 ng

RT: 14.05 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

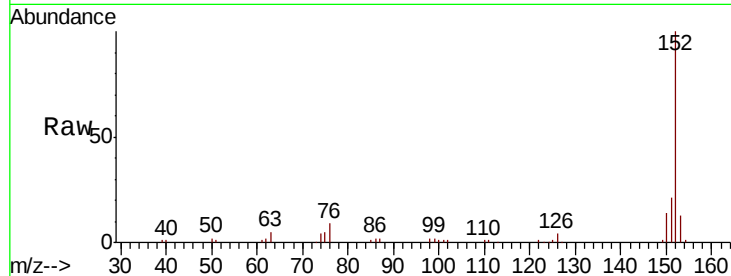
Tot Ion:152 Resp: 131088

Ion Ratio Lower Upper

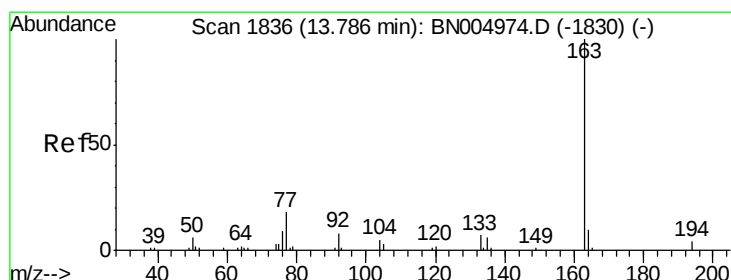
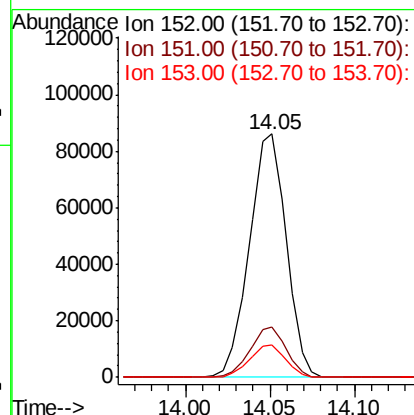
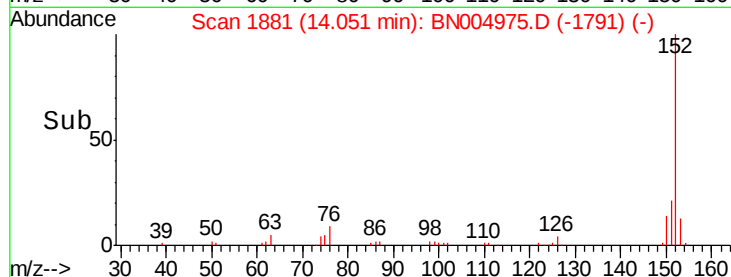
152 100

151 20.8 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: 52.135 ng

RT: 13.79 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

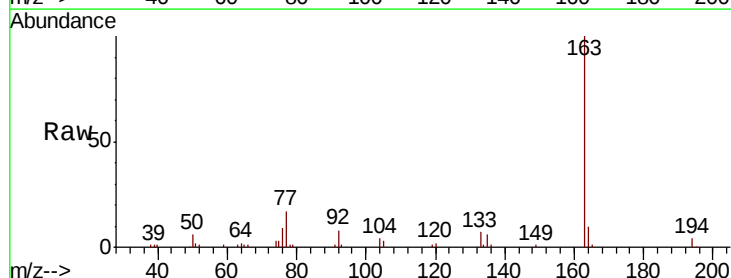
Tgt Ion:163 Resp: 97385

Ion Ratio Lower Upper

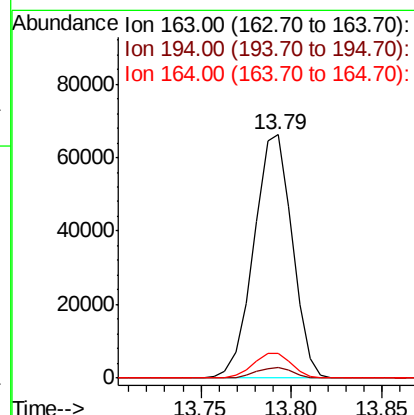
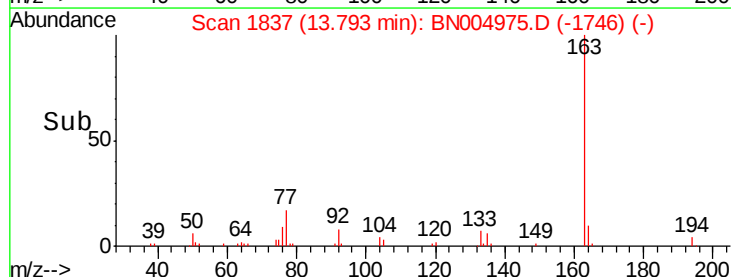
163 100

194 4.3 3.4 5.0

164 10.0 8.3 12.5



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

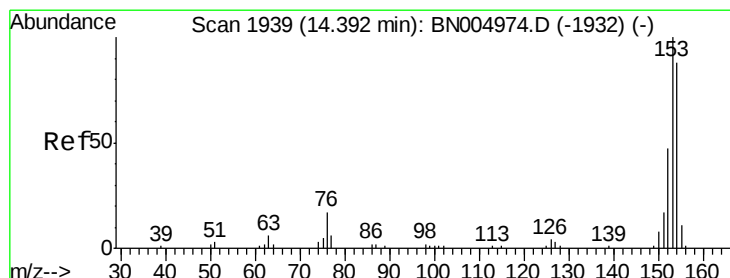
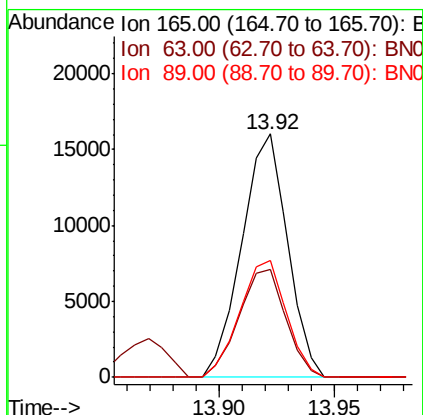
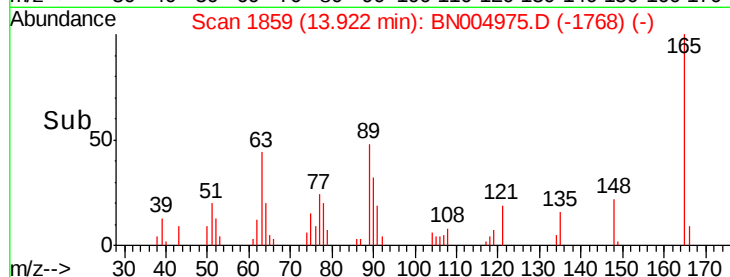
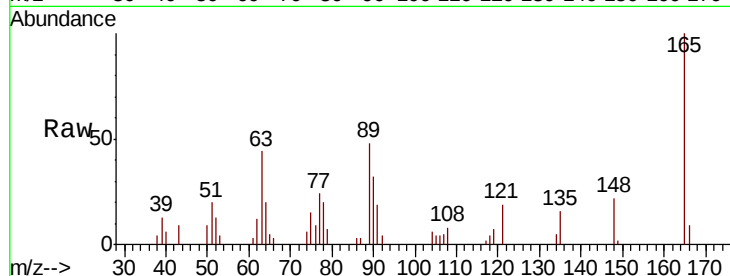




#51  
 2,6-Dinitrotoluene  
 Concen: 50.749 ng  
 RT: 13.92 min Scan# 1859  
 Delta R.T. 0.01 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

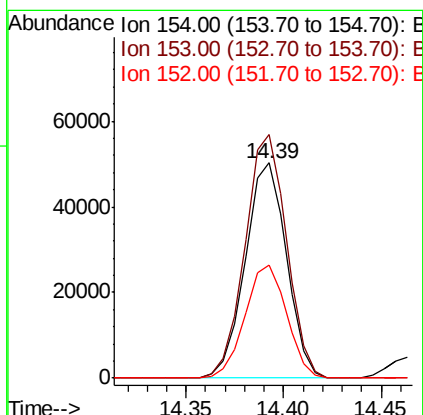
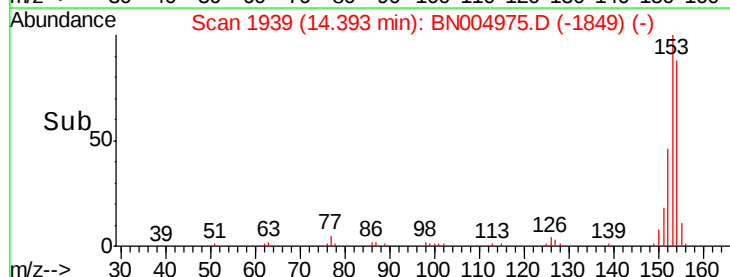
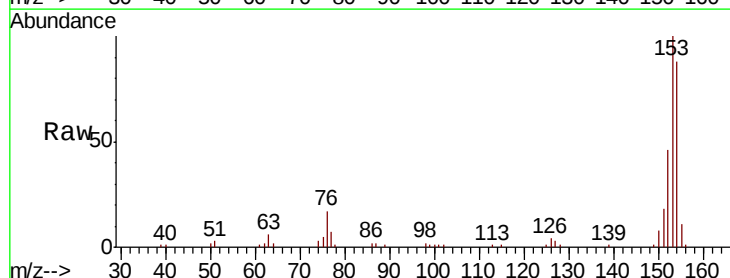
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Tot Ion:165 Resp: 22127  
 Ion Ratio Lower Upper  
 165 100  
 63 44.2 37.3 55.9  
 89 47.9 39.2 58.8



#52  
 Acenaphthene  
 Concen: 51.852 ng  
 RT: 14.39 min Scan# 1939  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:154 Resp: 73714  
 Ion Ratio Lower Upper  
 154 100  
 153 113.2 91.0 136.4  
 152 52.6 43.0 64.4





#53

3-Nitroaniline

Concen: 48.957 ng

RT: 14.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

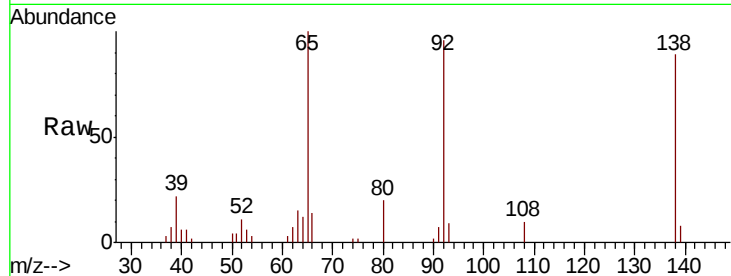
Tot Ion:138 Resp: 22820

Ion Ratio Lower Upper

138 100

108 10.9 8.6 12.8

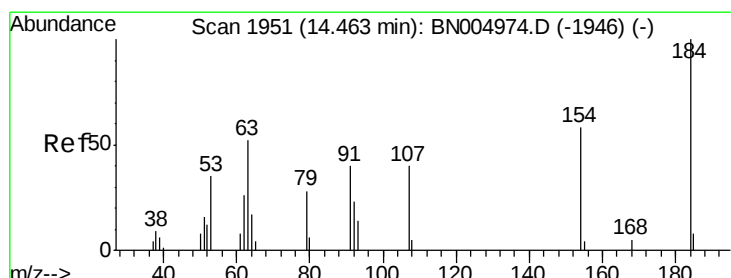
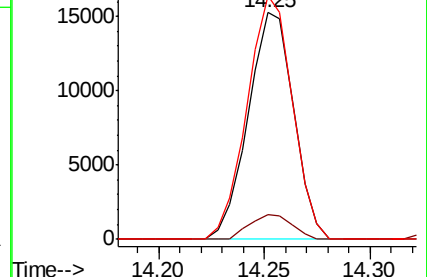
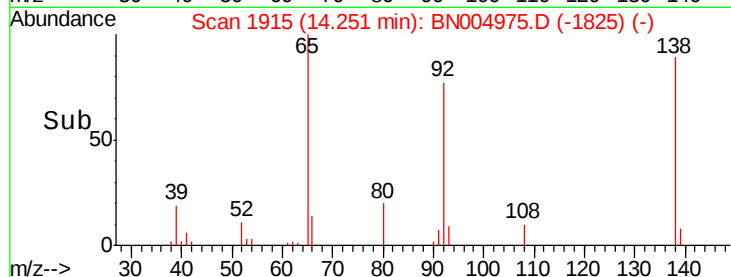
92 107.4 86.9 130.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO



#54

2,4-Dinitrophenol

Concen: 53.742 ng

RT: 14.46 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

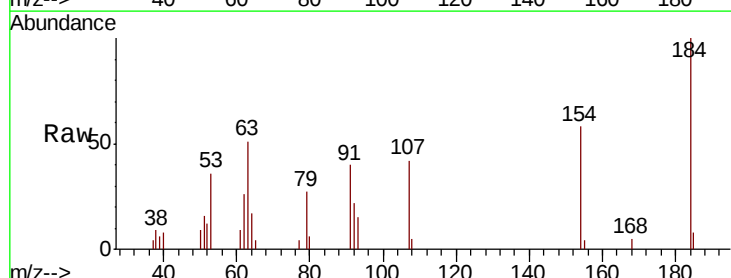
Tgt Ion:184 Resp: 12212

Ion Ratio Lower Upper

184 100

63 51.5 41.6 62.4

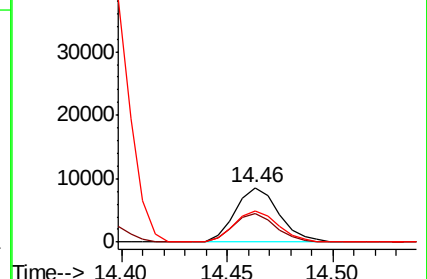
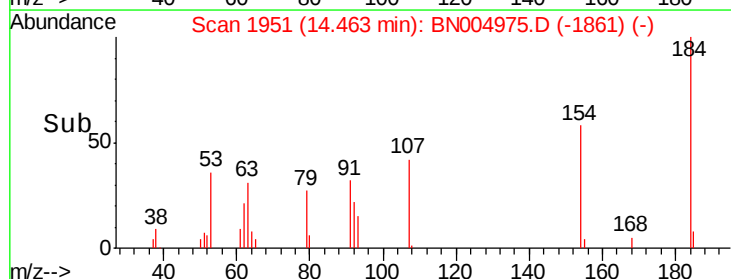
154 57.9 46.8 70.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

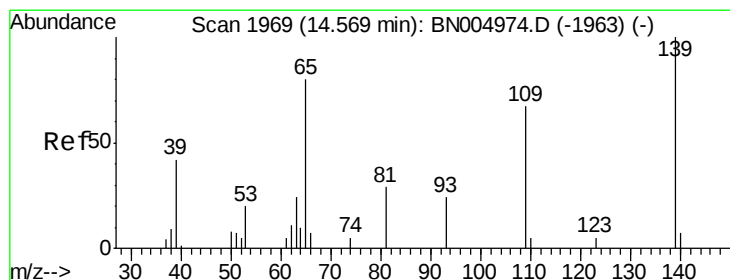
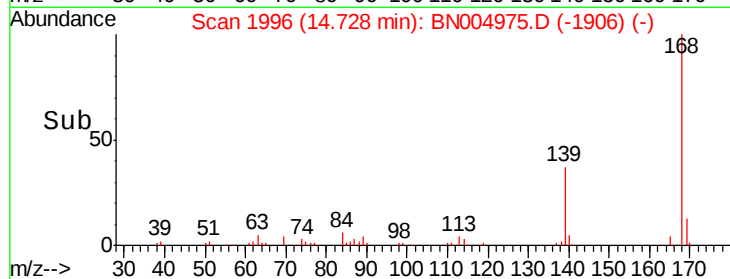
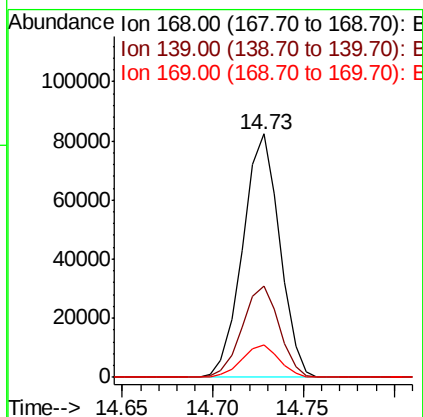
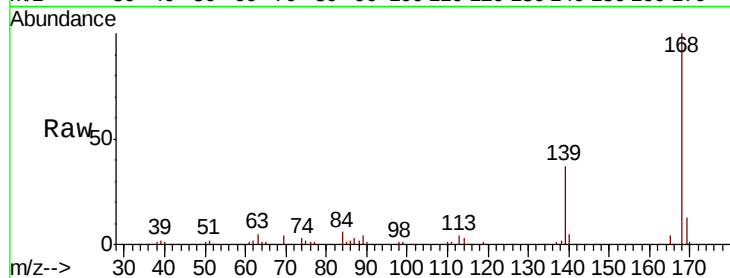




#55  
Dibenzenofuran  
Concen: 49.834 ng  
RT: 14.73 min Scan# 1996  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

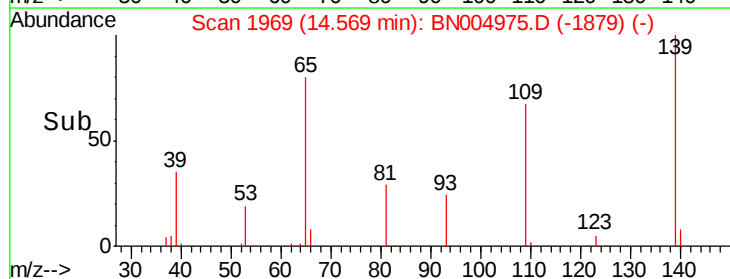
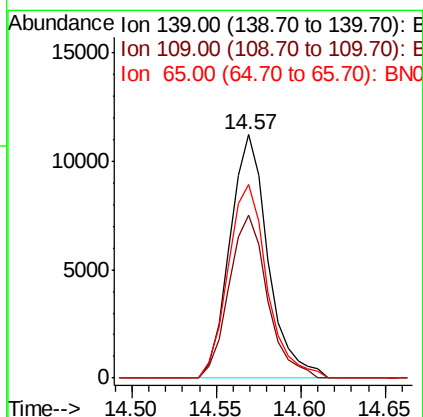
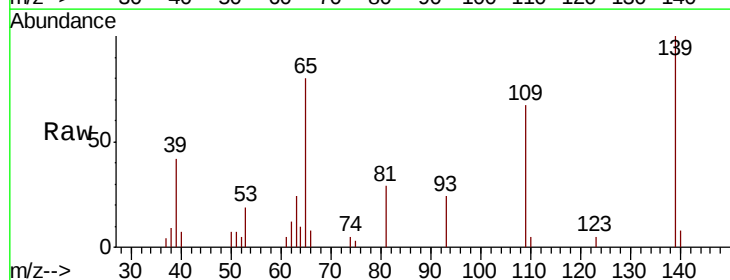
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

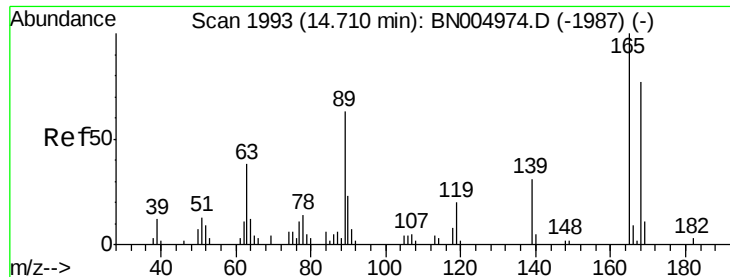
Tot Ion:168 Resp: 116703  
Ion Ratio Lower Upper  
168 100  
139 37.4 29.9 44.9  
169 13.2 10.6 15.8



#56  
4-Nitrophenol  
Concen: 49.590 ng  
RT: 14.57 min Scan# 1969  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:139 Resp: 17661  
Ion Ratio Lower Upper  
139 100  
109 67.1 46.5 86.5  
65 79.6 59.5 99.5

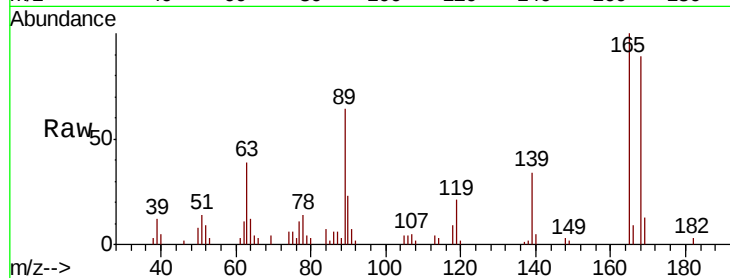




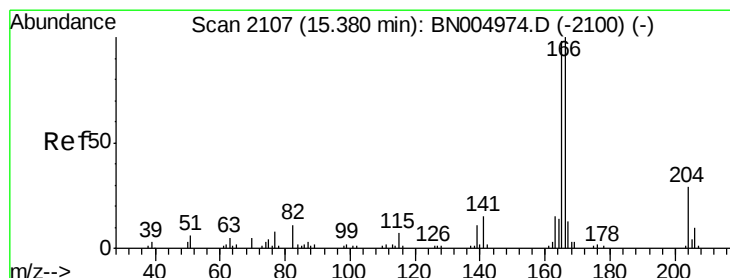
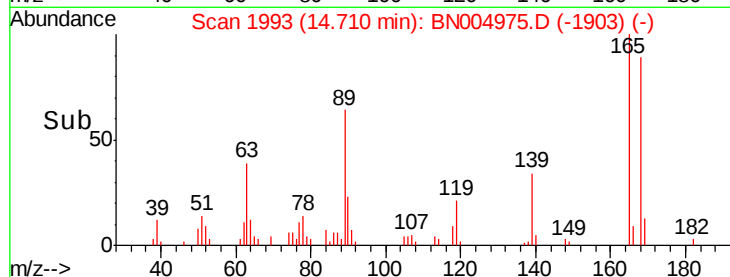
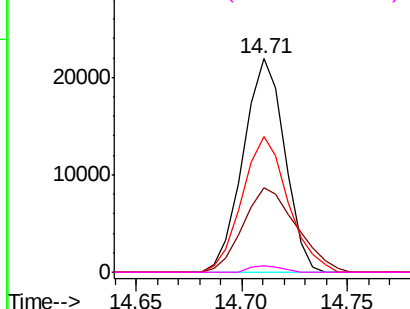
#57  
2,4-Dinitrotoluene  
Concen: 50.885 ng  
RT: 14.71 min Scan# 1993  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tot Ion:165 Resp: 29988  
Ion Ratio Lower Upper  
165 100  
63 39.3 30.4 45.6  
89 63.8 50.7 76.1  
182 3.1 2.5 3.7

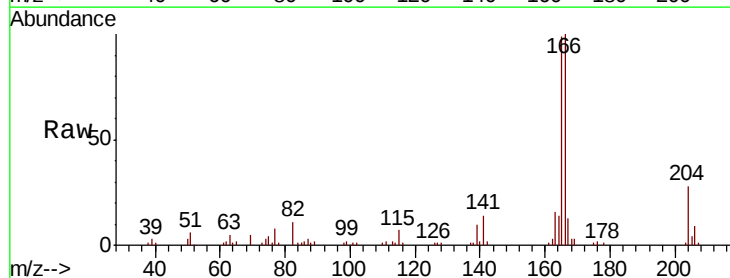


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BNC  
Ion 89.00 (88.70 to 89.70): BNC  
Ion 182.00 (181.70 to 182.70): E

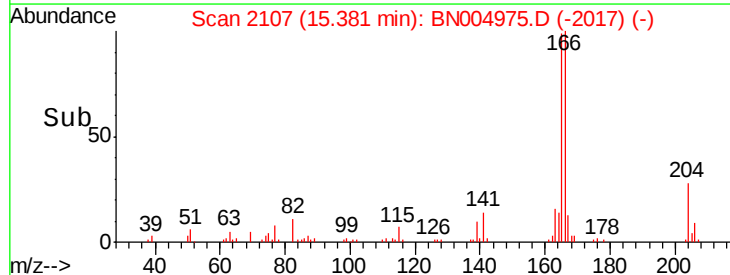
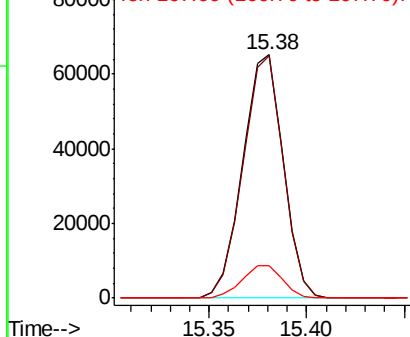


#58  
Fluorene  
Concen: 54.139 ng  
RT: 15.38 min Scan# 2107  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:166 Resp: 93683  
Ion Ratio Lower Upper  
166 100  
165 99.4 78.3 117.5  
167 13.1 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

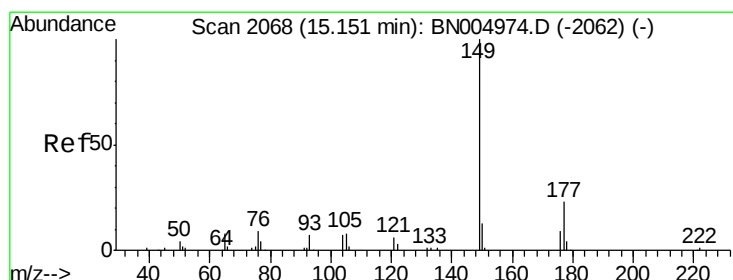
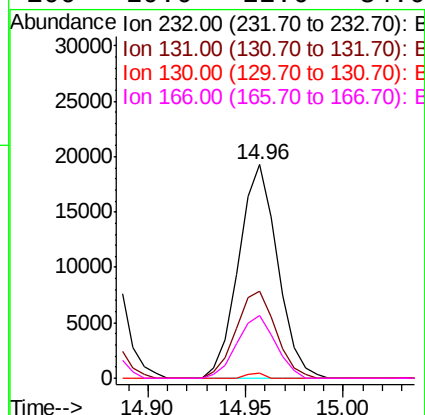
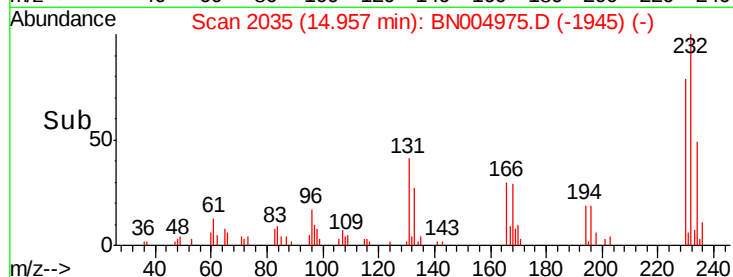
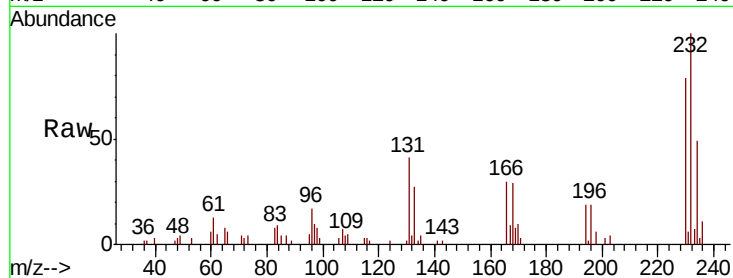




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 52.072 ng  
 RT: 14.96 min Scan# 2035  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

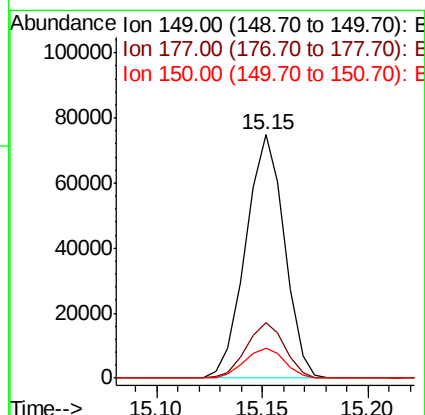
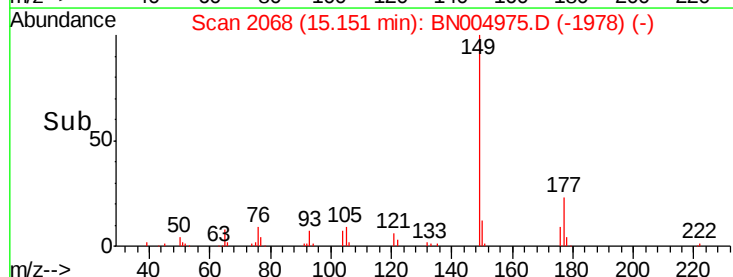
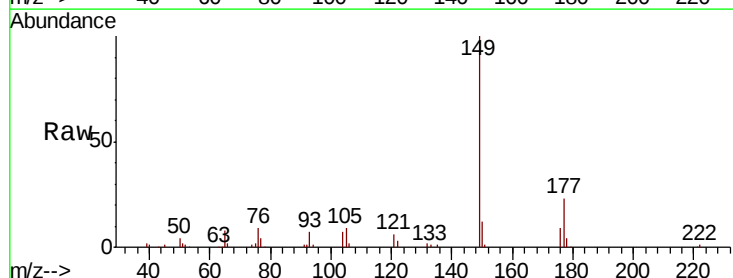
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

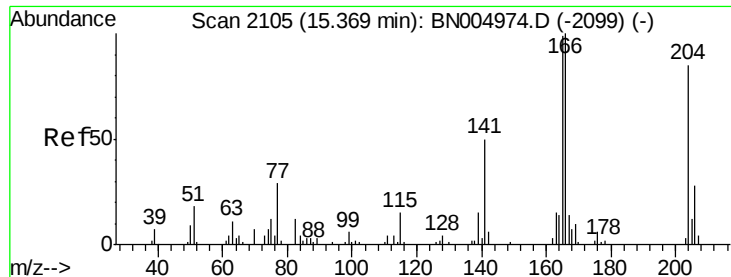
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 26680     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 41.5  | 32.4 48.6 |
| 130         | 1.1   | 0.9 1.3   |
| 166         | 29.0  | 22.6 34.0 |



#60  
 Diethylphthalate  
 Concen: 48.131 ng  
 RT: 15.15 min Scan# 2068  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 95126     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 22.8  | 18.1 27.1 |
| 150         | 12.4  | 10.1 15.1 |

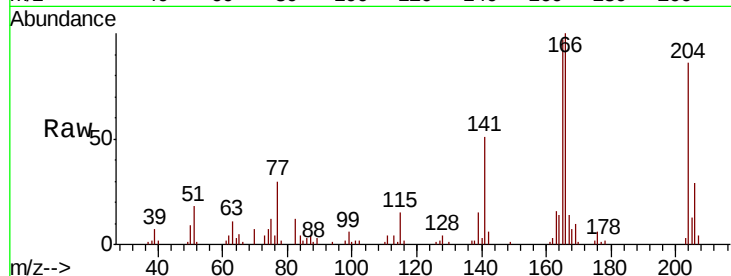




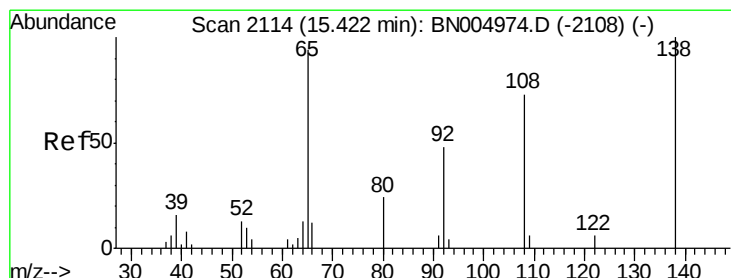
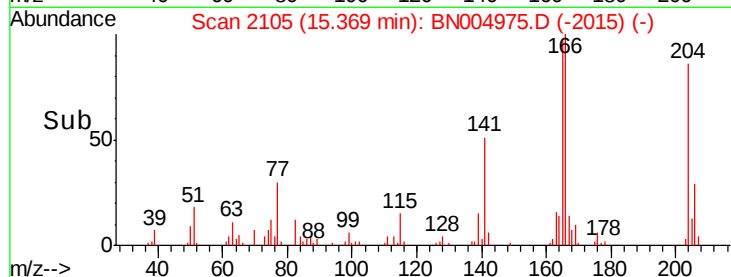
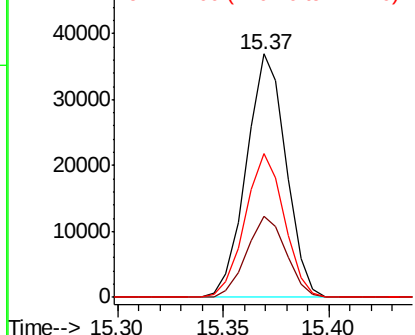
#61  
 4-Chlorophenyl-phenylether  
 Concen: 47.251 ng  
 RT: 15.37 min Scan# 2105  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Tot Ion:204 Resp: 48136  
 Ion Ratio Lower Upper  
 204 100  
 206 33.3 26.5 39.7  
 141 59.2 47.2 70.8

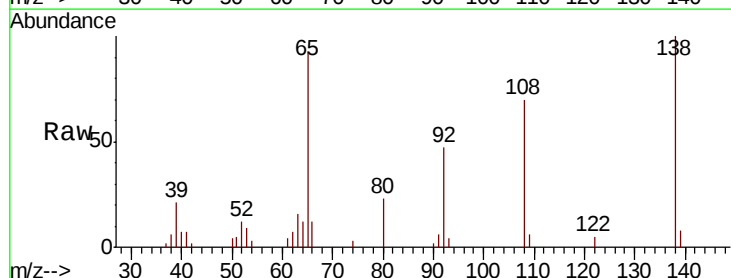


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

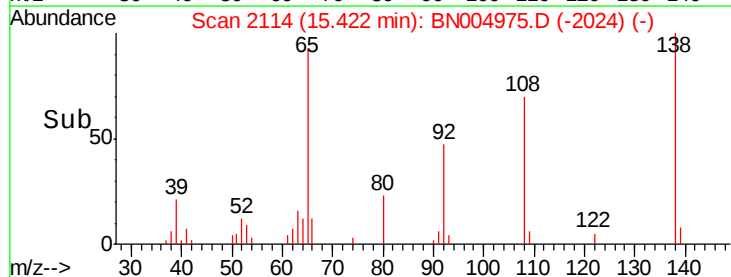
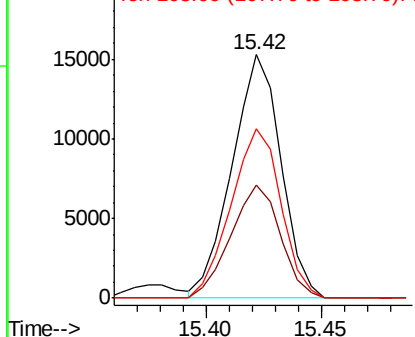


#62  
 4-Nitroaniline  
 Concen: 48.270 ng  
 RT: 15.42 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:138 Resp: 22579  
 Ion Ratio Lower Upper  
 138 100  
 92 46.6 26.4 66.4  
 108 69.5 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: 50.186 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

Tot Ion: 77 Resp: 80961

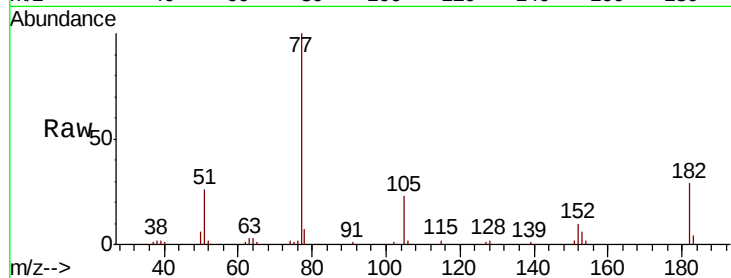
Ion Ratio Lower Upper

77 100

182 29.2 10.0 50.0

105 23.0 2.9 42.9

51 25.9 6.0 46.0

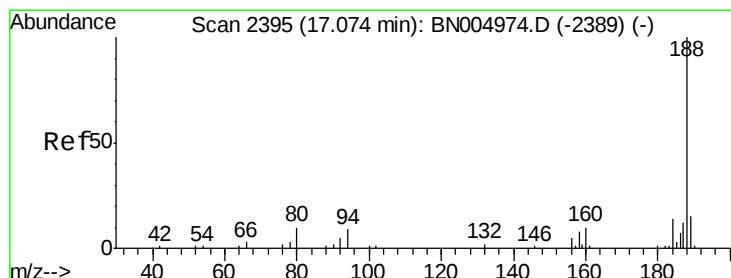
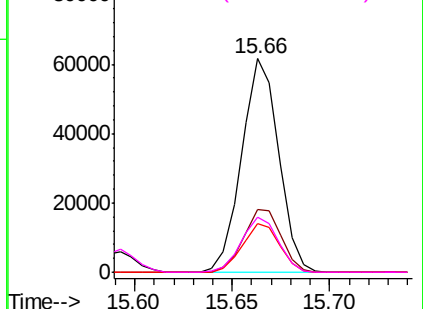
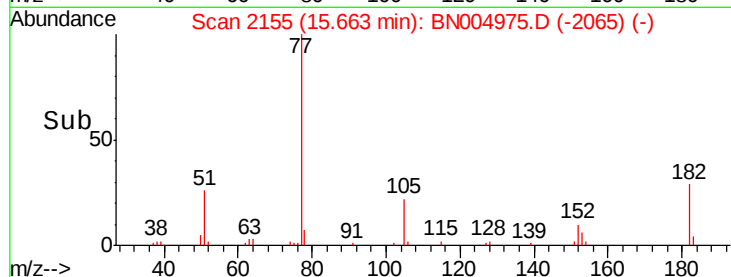


Abundance Ion 77.00 (76.70 to 77.70): BNC

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: BN004975.D

Acq: 26 Mar 2019 14:17

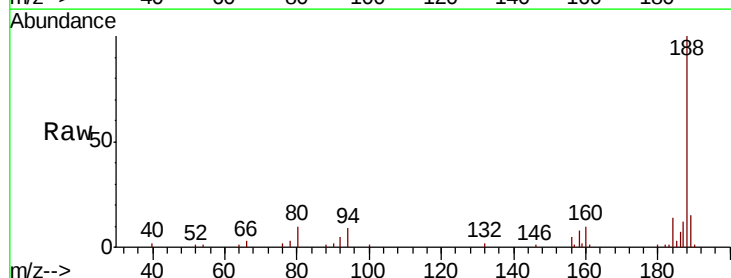
Tgt Ion: 188 Resp: 50545

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

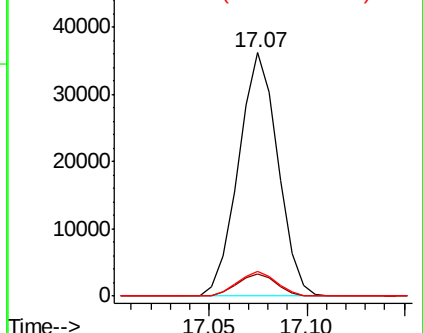
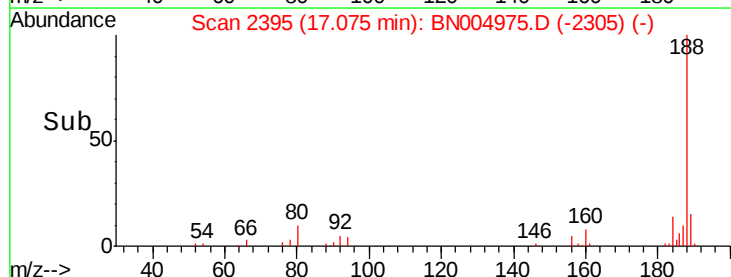
80 10.0 7.8 11.6



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

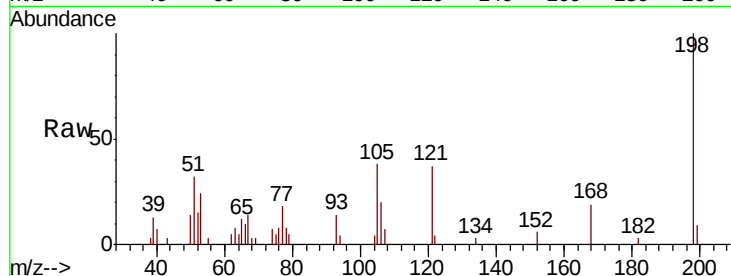




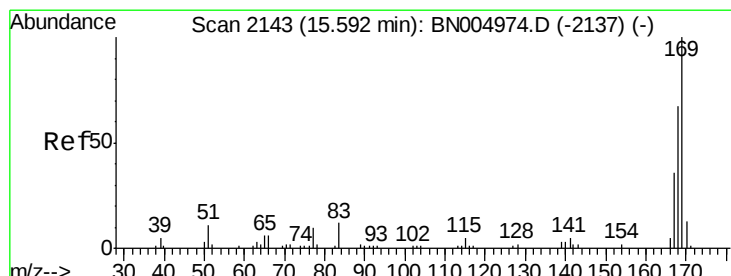
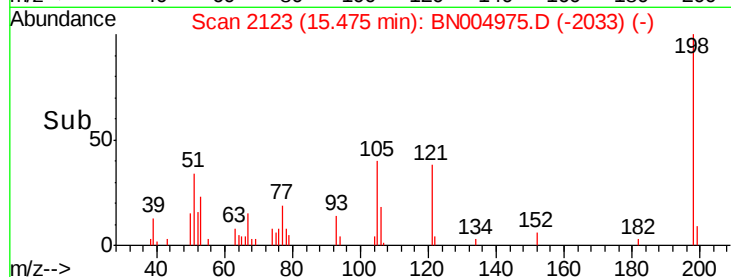
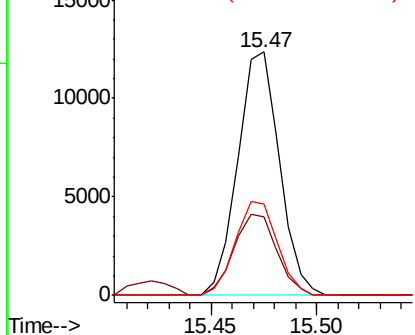
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 48.749 ng  
 RT: 15.47 min Scan# 2123  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 32.0  | 12.0  | 52.0  |
| 105     | 37.6  | 17.6  | 57.6  |

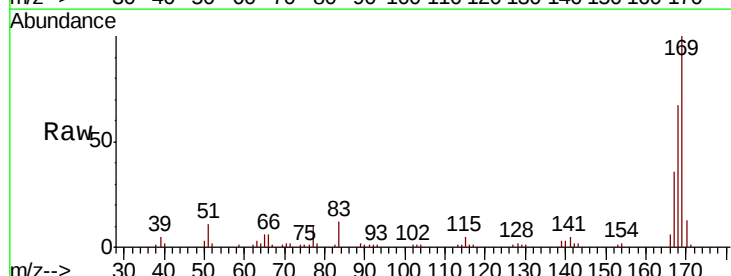


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BNO  
 Ion 105.00 (104.70 to 105.70): E

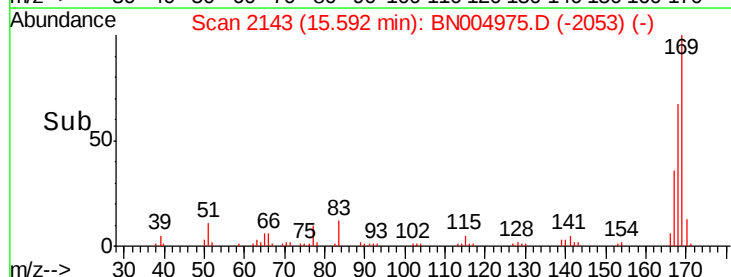
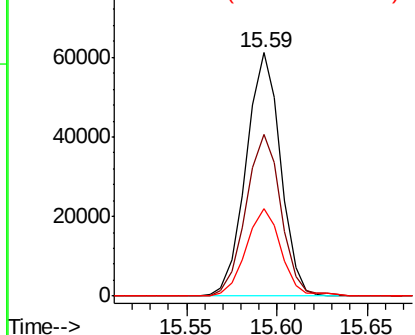


#66  
 n-Nitrosodiphenylamine  
 Concen: 50.419 ng  
 RT: 15.59 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.5  | 53.4  | 80.2  |
| 167     | 35.7  | 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

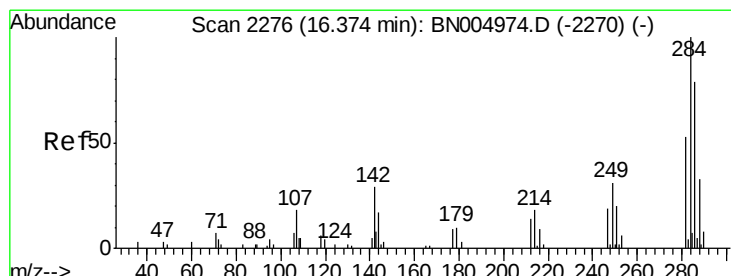
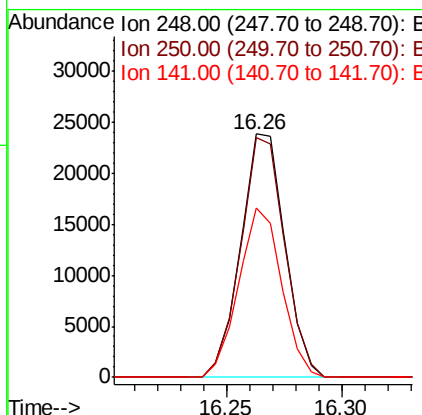
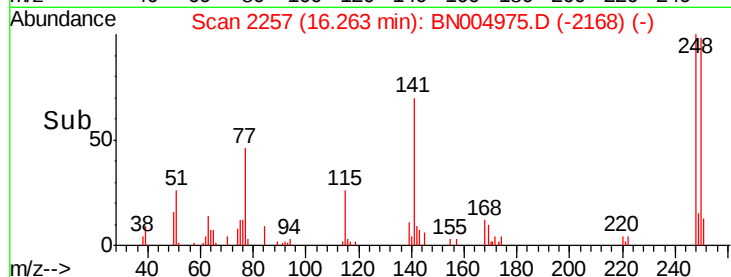
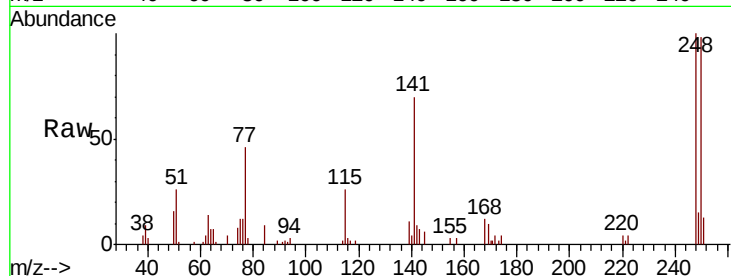




#67  
4-Bromophenyl-phenylether  
Concen: 50.001 ng  
RT: 16.26 min Scan# 2257  
Delta R.T. -0.01 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

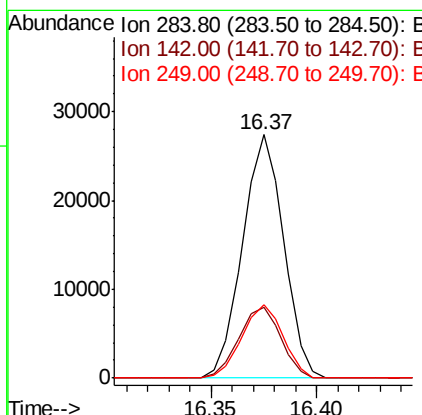
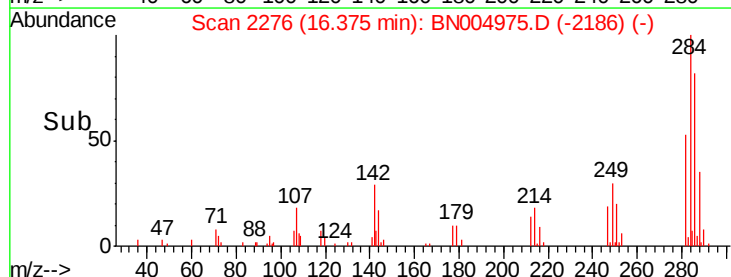
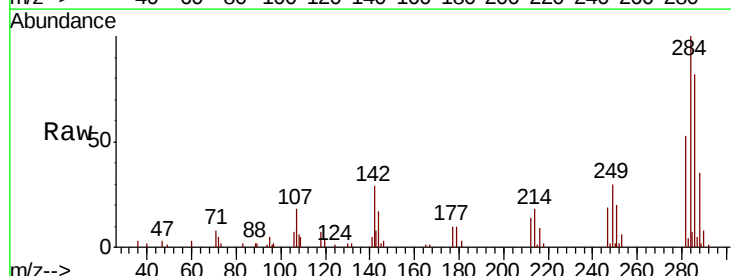
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

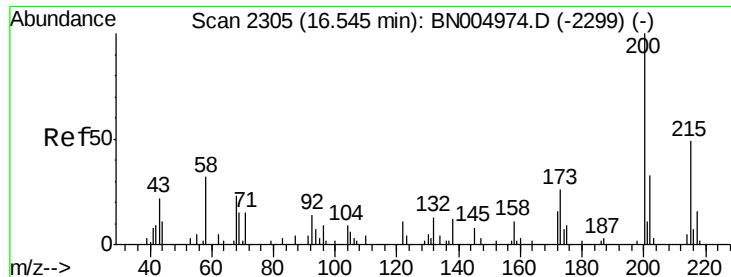
Tot Ion:248 Resp: 31878  
Ion Ratio Lower Upper  
248 100  
250 98.5 79.4 119.2  
141 69.8 52.3 78.5



#68  
Hexachlorobenzene  
Concen: 49.950 ng  
RT: 16.37 min Scan# 2276  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:284 Resp: 37064  
Ion Ratio Lower Upper  
284 100  
142 29.2 23.5 35.3  
249 30.4 24.5 36.7





#69

Atrazine

Concen: 46.789 ng

RT: 16.55 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

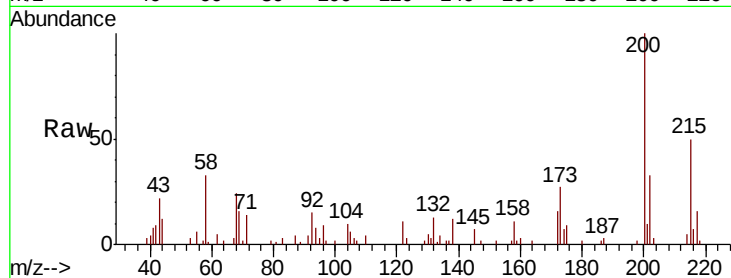
Tot Ion:200 Resp: 28020

Ion Ratio Lower Upper

200 100

173 26.5 6.4 46.4

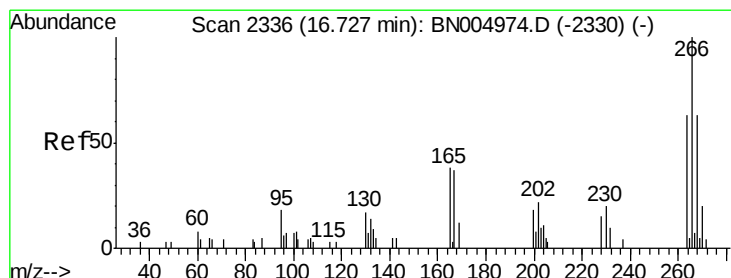
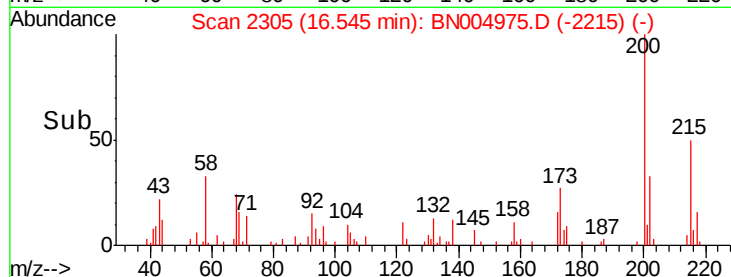
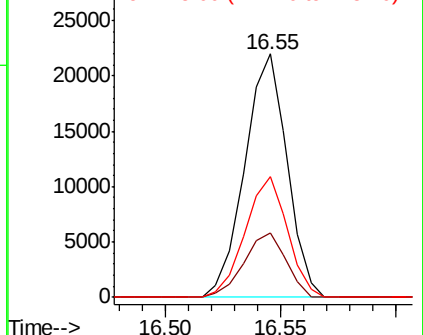
215 49.8 28.8 68.8



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: 39.197 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

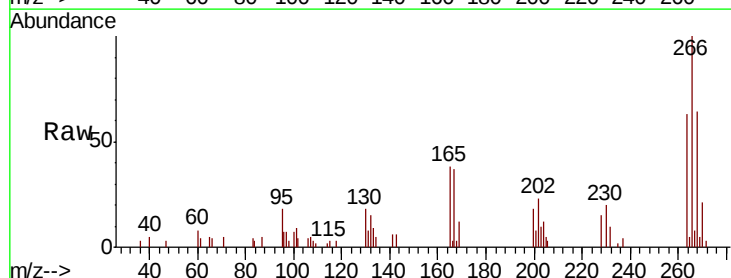
Tgt Ion:266 Resp: 19385

Ion Ratio Lower Upper

266 100

268 64.3 50.8 76.2

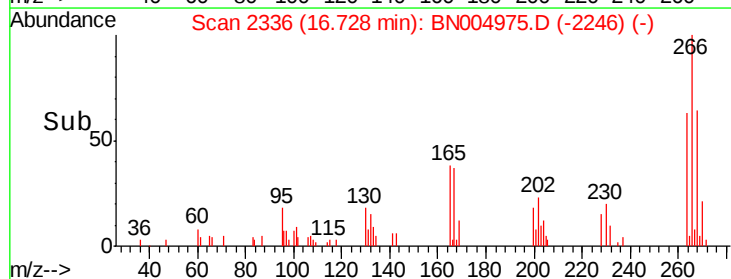
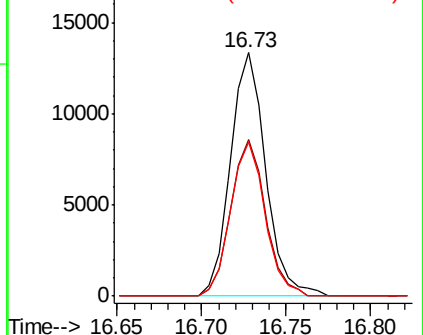
264 63.3 50.0 75.0

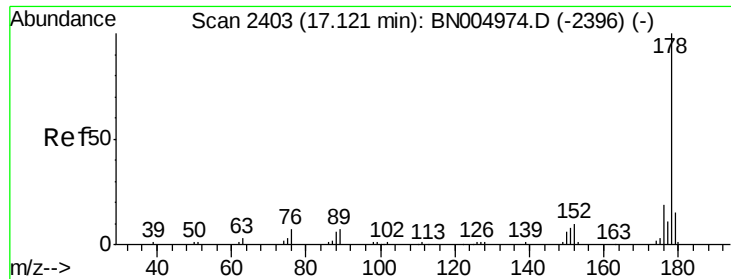


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

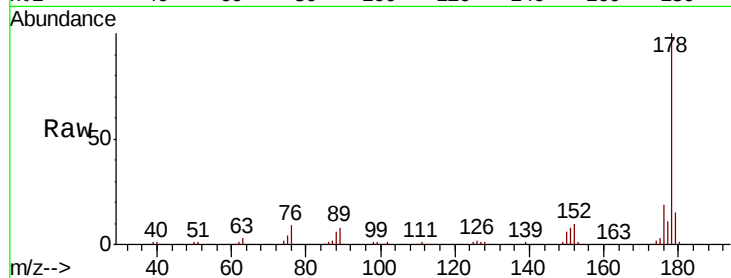




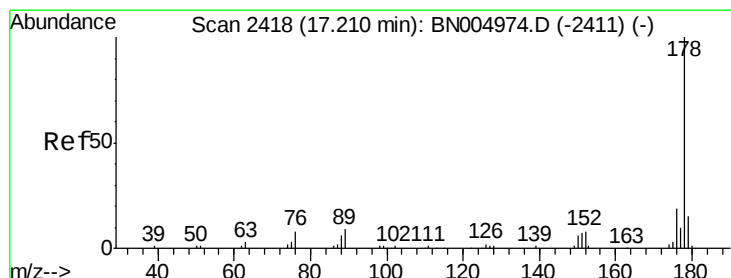
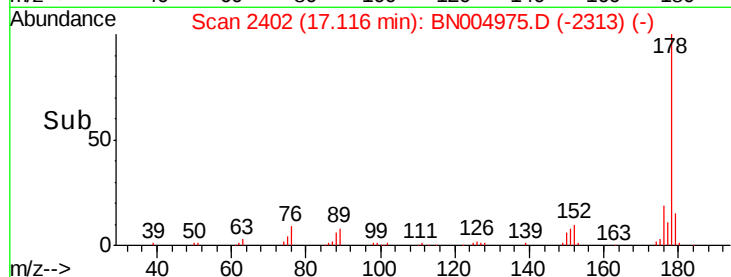
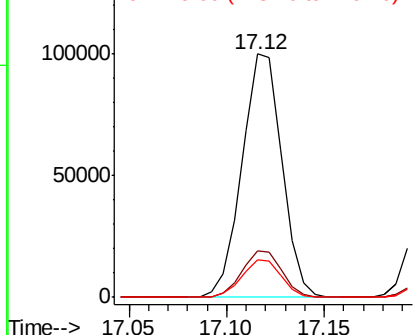
#71  
Phenanthrene  
Concen: 53.602 ng  
RT: 17.12 min Scan# 2402  
Delta R.T. -0.01 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tot Ion:178 Resp: 141539  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.5 12.3 18.5

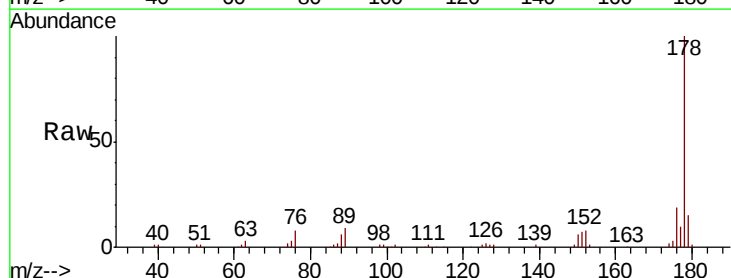


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

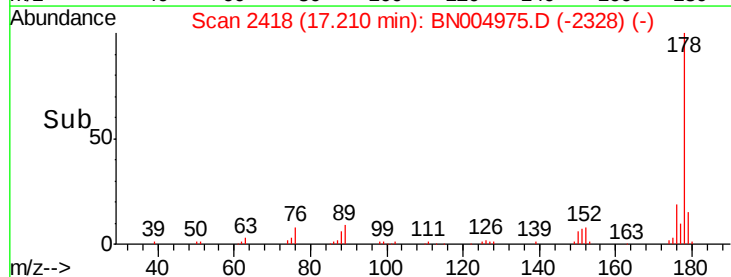
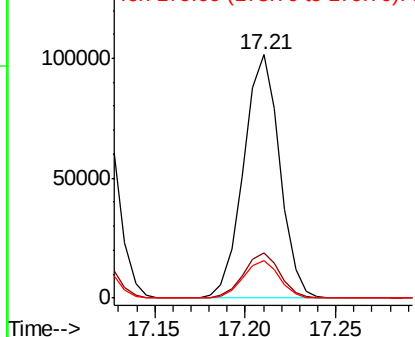


#72  
Anthracene  
Concen: 54.470 ng  
RT: 17.21 min Scan# 2418  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:178 Resp: 140586  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.5 12.3 18.5



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

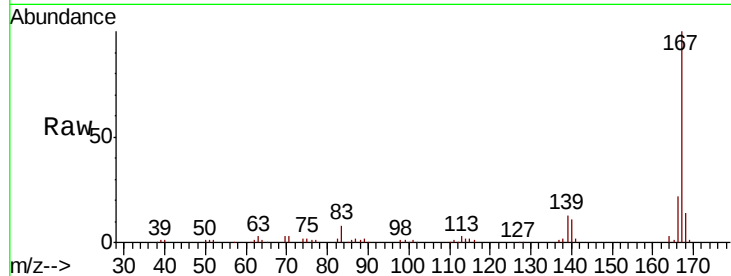




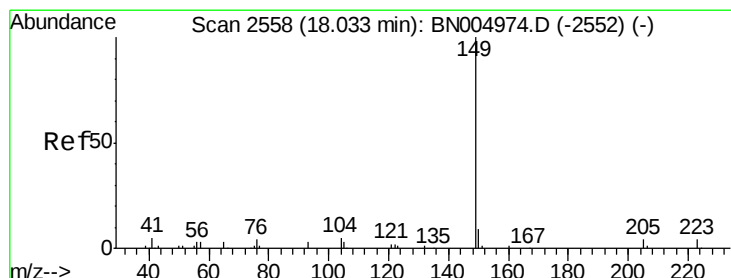
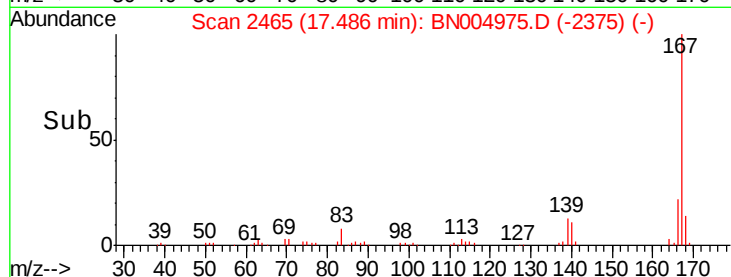
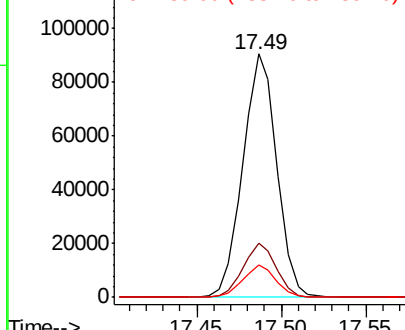
#73  
 Carbazole  
 Concen: 49.874 ng  
 RT: 17.49 min Scan# 2465  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

Tot Ion:167 Resp: 126331  
 Ion Ratio Lower Upper  
 167 100  
 166 22.1 17.8 26.8  
 139 13.2 10.6 16.0

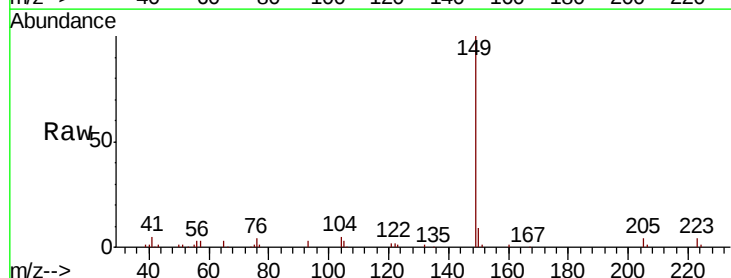


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

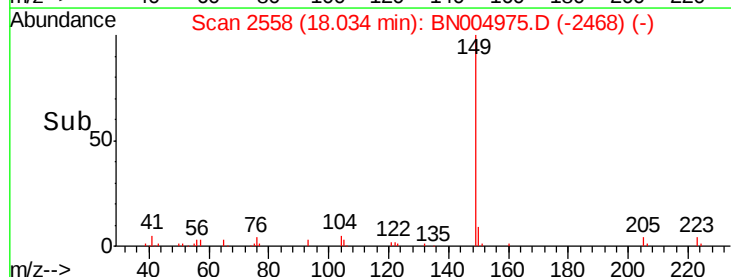
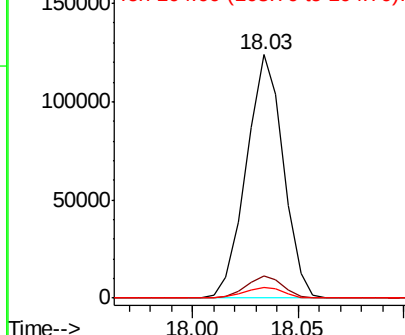


#74  
 Di-n-butylphthalate  
 Concen: 50.458 ng  
 RT: 18.03 min Scan# 2558  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:149 Resp: 150812  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.0  
 104 4.6 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

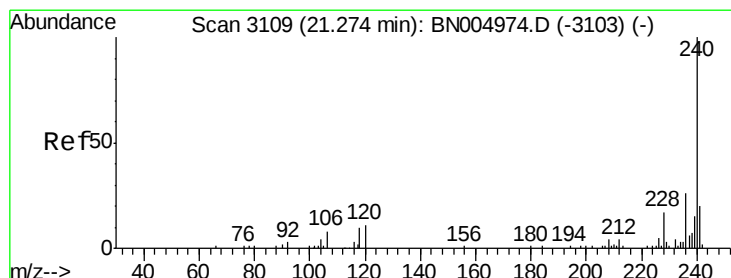
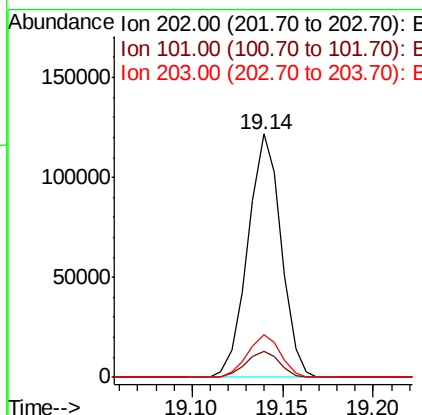
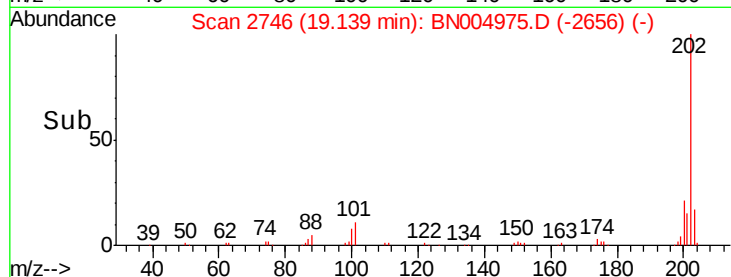
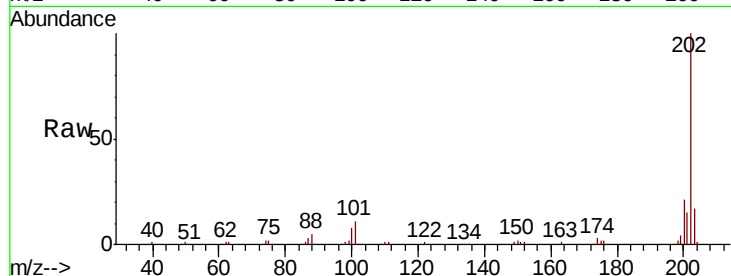




#75  
 Fluoranthene  
 Concen: 54.575 ng  
 RT: 19.14 min Scan# 2746  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

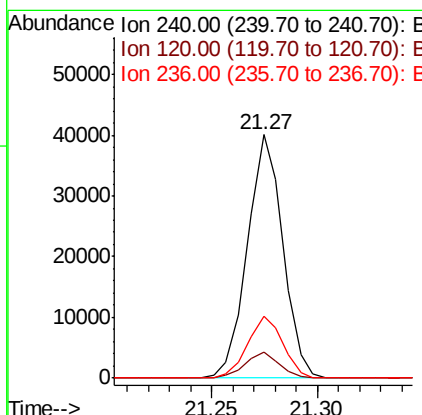
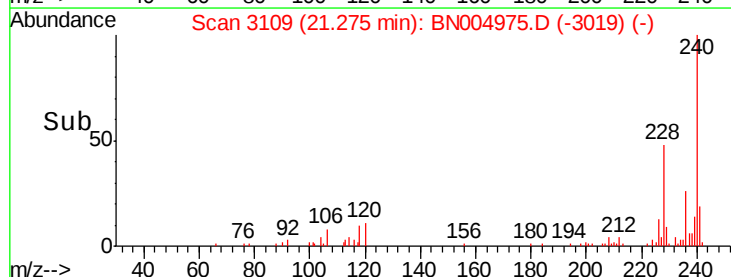
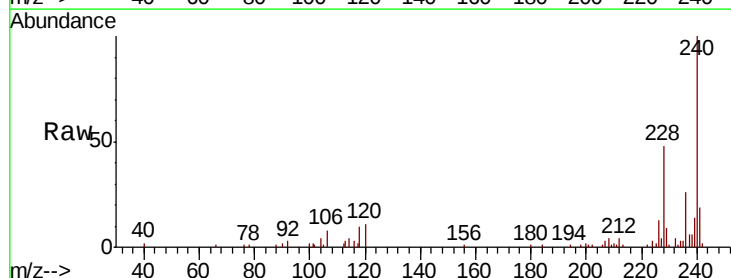
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDIC050

Tot Ion:202 Resp: 155345  
 Ion Ratio Lower Upper  
 202 100  
 101 10.7 0.0 31.1  
 203 17.3 0.0 37.5



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.27 min Scan# 3109  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

Tgt Ion:240 Resp: 46799  
 Ion Ratio Lower Upper  
 240 100  
 120 10.5 8.5 12.7  
 236 25.6 21.2 31.8





#77

Benzidine

Concen: 45.804 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

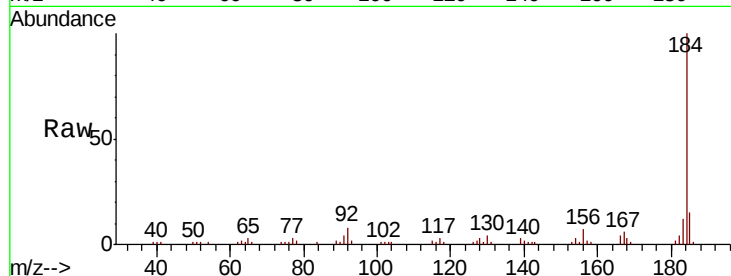
Tot Ion:184 Resp: 74132

Ion Ratio Lower Upper

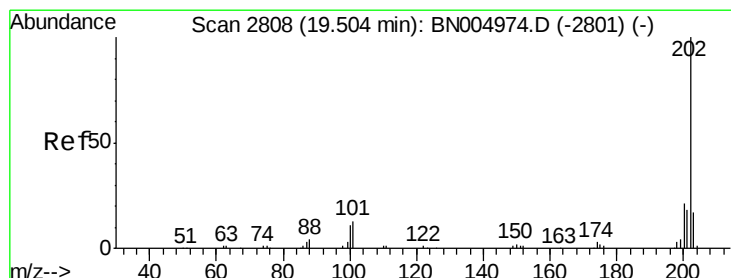
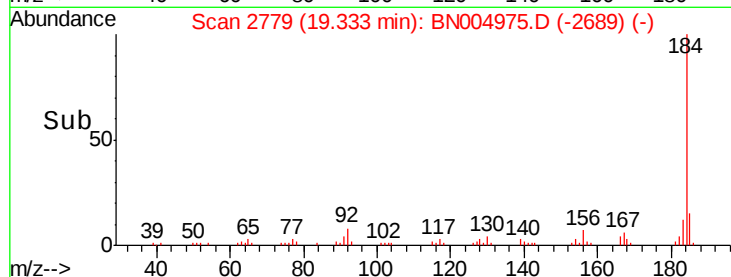
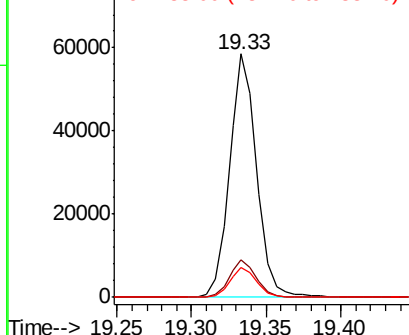
184 100

185 15.3 11.8 17.8

183 12.2 9.9 14.9



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



#78

Pyrene

Concen: 49.477 ng

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

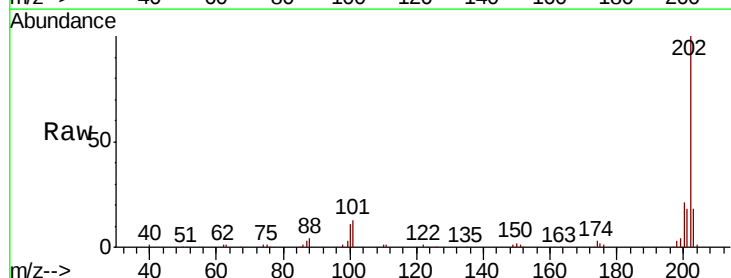
Tgt Ion:202 Resp: 156299

Ion Ratio Lower Upper

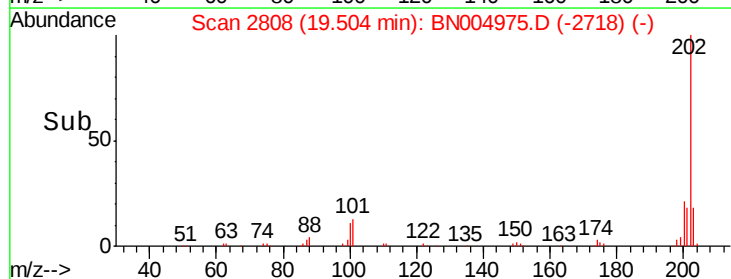
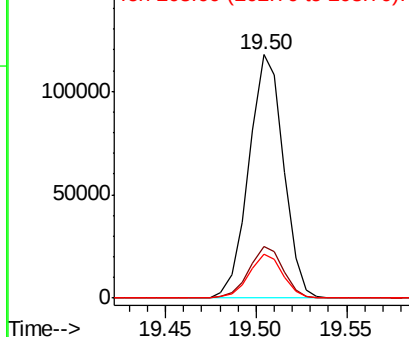
202 100

200 21.3 17.0 25.4

203 17.8 14.0 21.0



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





#79

Terphenyl-d14

Concen: 101.878 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

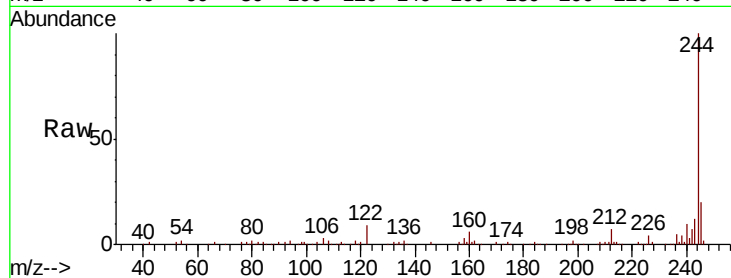
Tot Ion:244 Resp: 242175

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

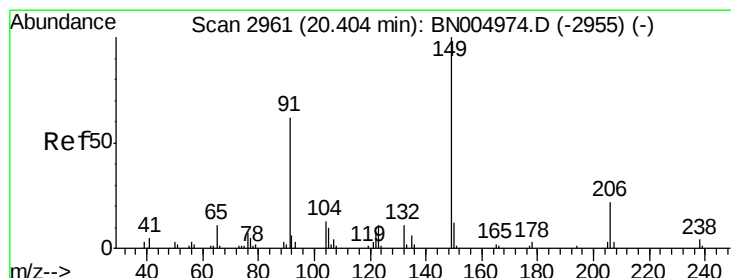
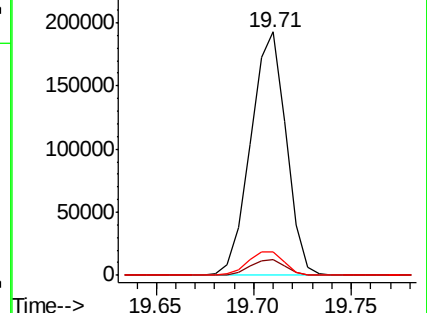
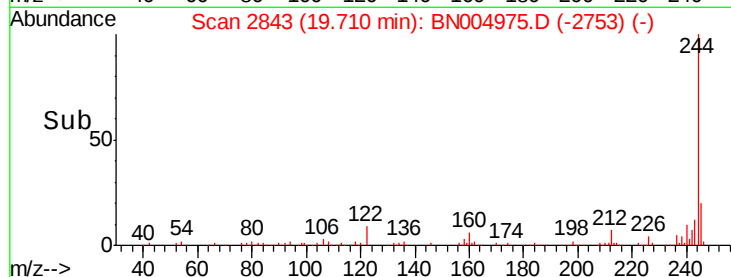
122 9.4 7.4 11.2



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: 45.726 ng

RT: 20.40 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

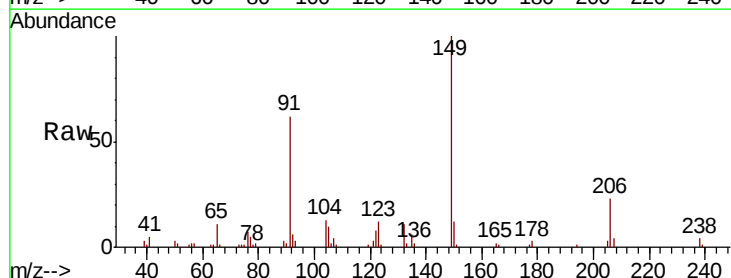
Tgt Ion:149 Resp: 61908

Ion Ratio Lower Upper

149 100

91 62.0 49.3 73.9

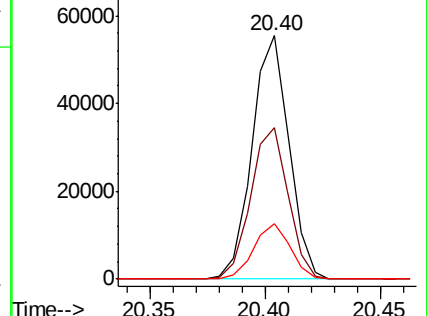
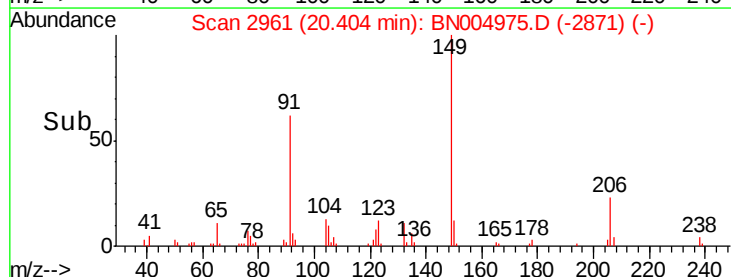
206 23.0 17.9 26.9

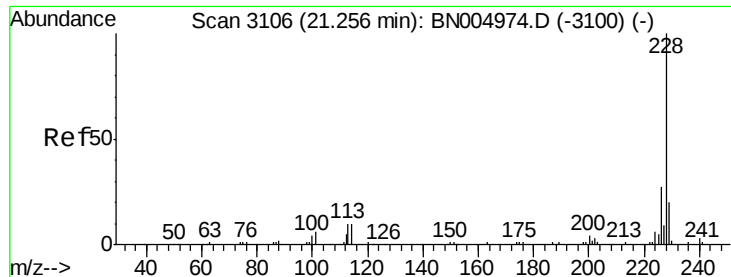


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

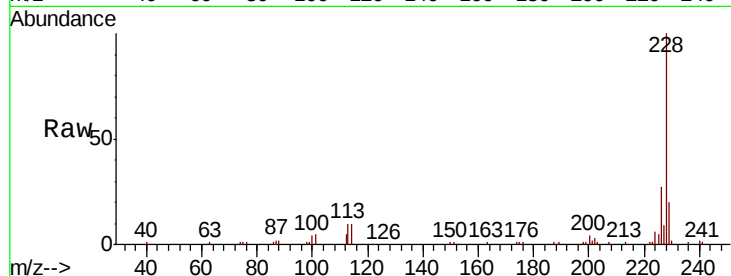




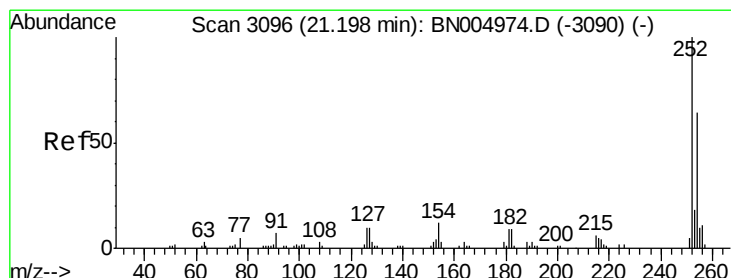
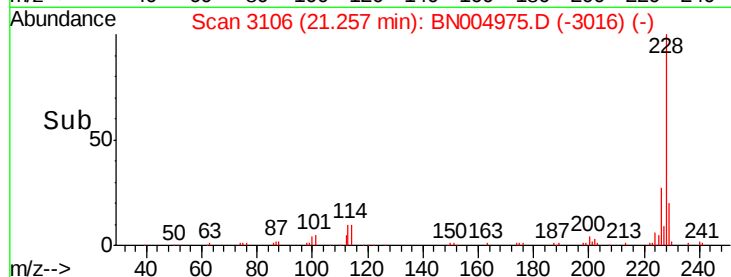
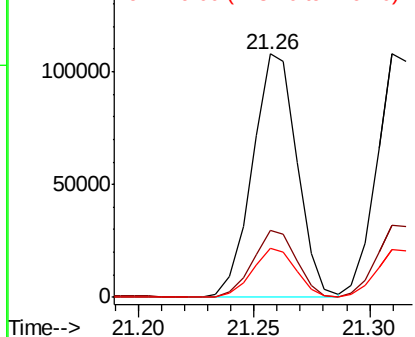
#81  
Benzo(a)anthracene  
Concen: 54.275 ng  
RT: 21.26 min Scan# 3106  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC050

Tot Ion:228 Resp: 144488  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.8 32.6  
229 19.9 15.9 23.9

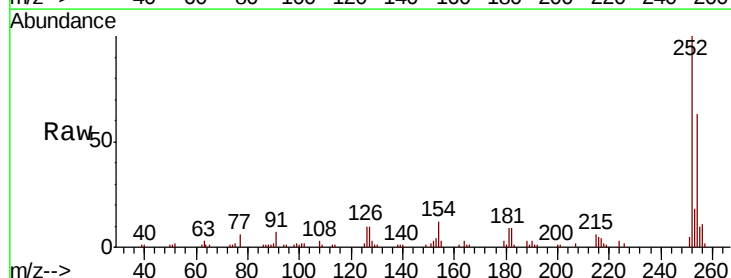


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

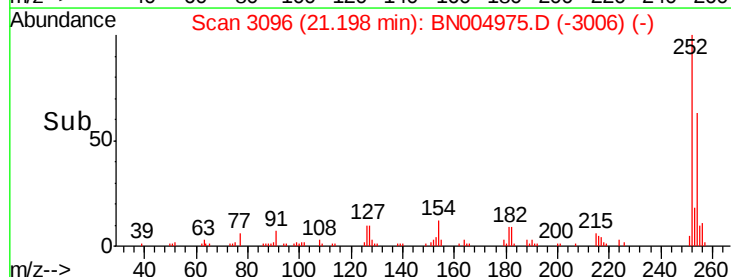
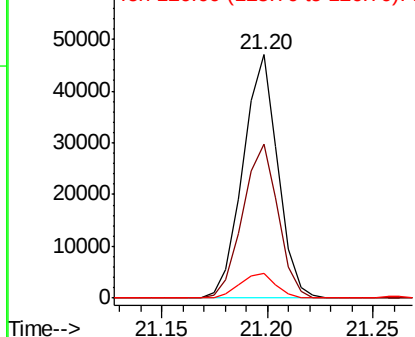


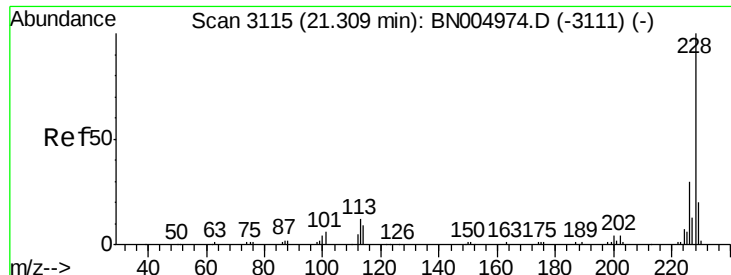
#82  
3,3'-Dichlorobenzidine  
Concen: 48.347 ng  
RT: 21.20 min Scan# 3096  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:252 Resp: 53640  
Ion Ratio Lower Upper  
252 100  
254 63.3 51.5 77.3  
126 10.0 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

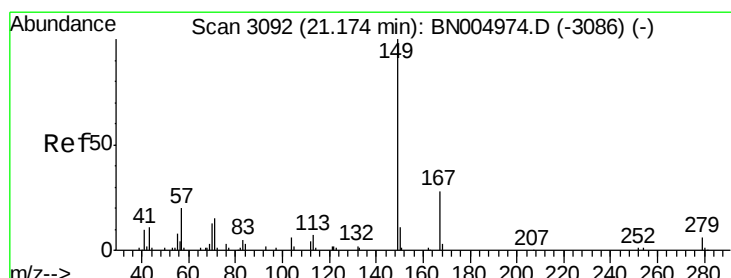
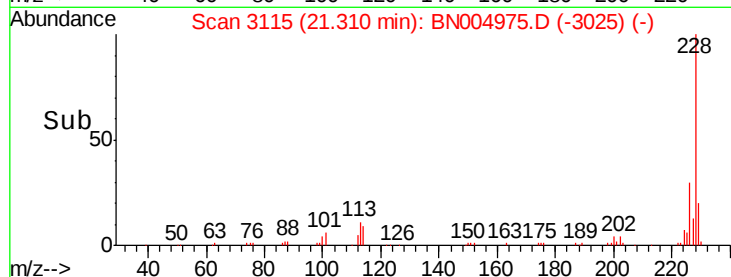
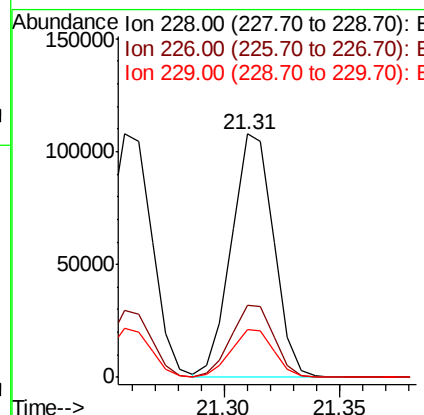
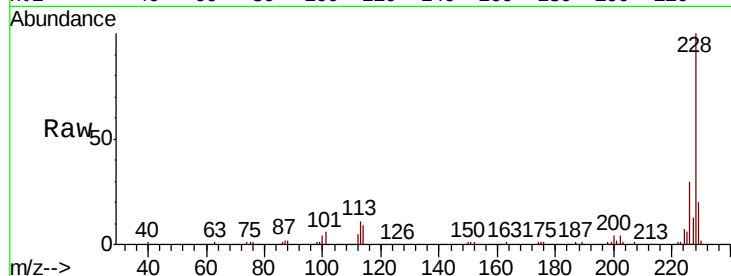




#83  
 Chrysene  
 Concen: 53.888 ng  
 RT: 21.31 min Scan# 3115  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

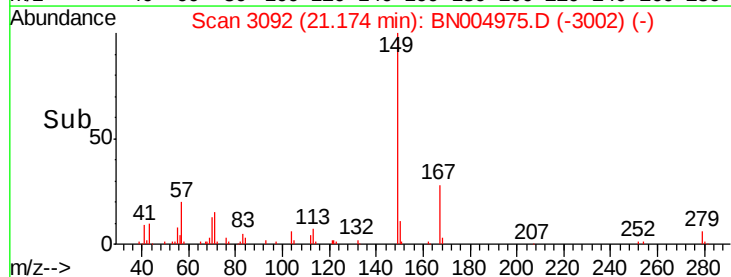
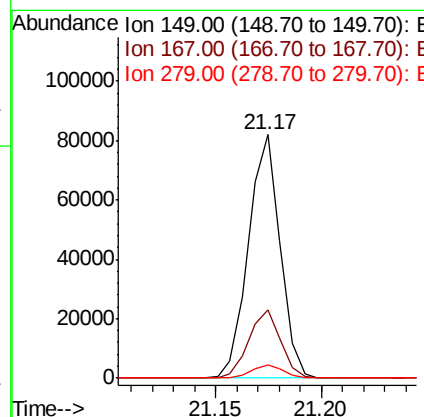
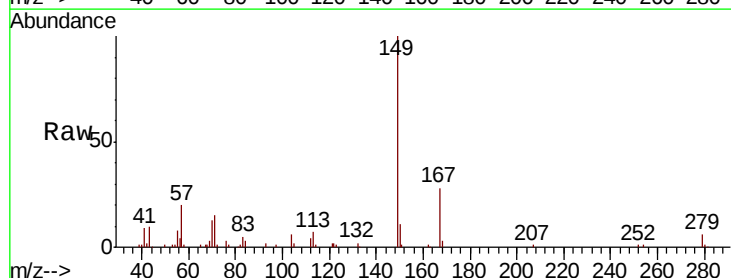
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC050

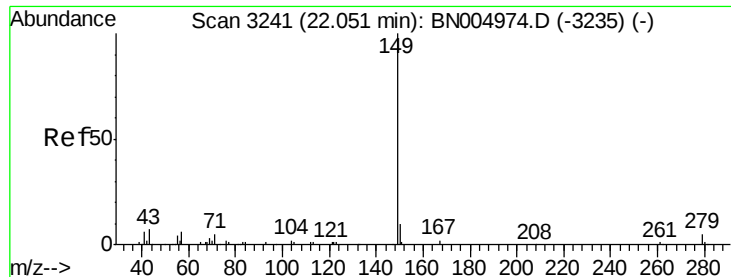
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 24.2  | 36.2  |
| 229     | 19.9  | 15.8  | 23.8  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.396 ng  
 RT: 21.17 min Scan# 3092  
 Delta R.T. 0.00 min  
 Lab File: BN004975.D  
 Acq: 26 Mar 2019 14:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.0  | 22.5  | 33.7  |
| 279     | 5.6   | 4.5   | 6.7   |





#85

Di-n-octyl phthalate

Concen: 47.895 ng

RT: 22.05 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

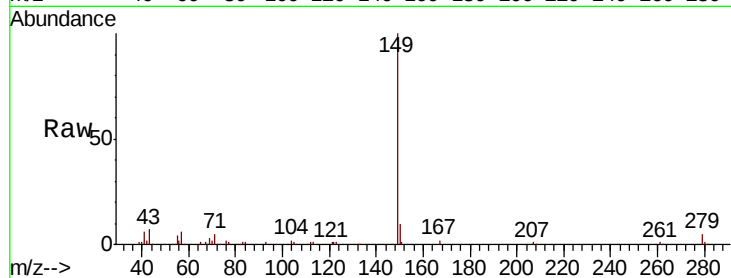
Tot Ion:149 Resp: 139658

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

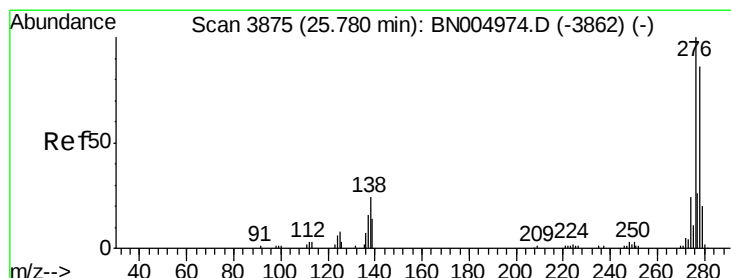
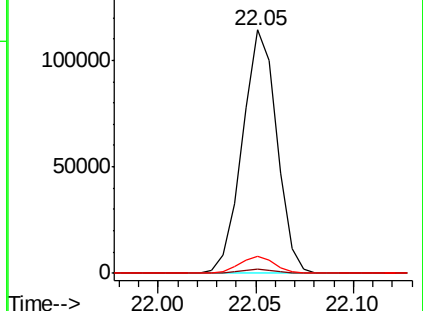
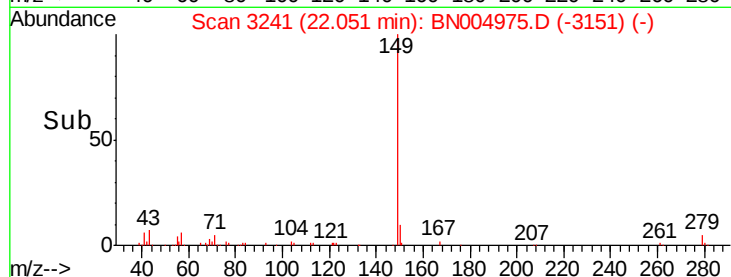
43 7.0 5.8 8.6



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): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 63.324 ng

RT: 25.79 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

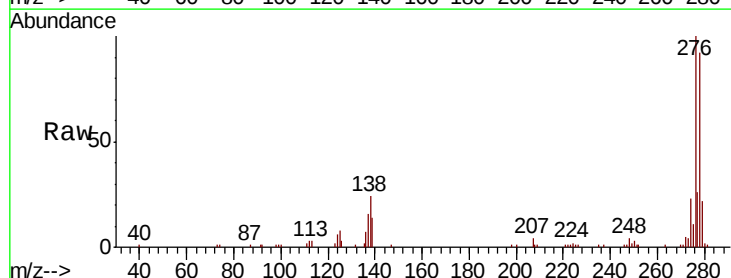
Tgt Ion:276 Resp: 170205

Ion Ratio Lower Upper

276 100

138 23.2 18.5 27.7

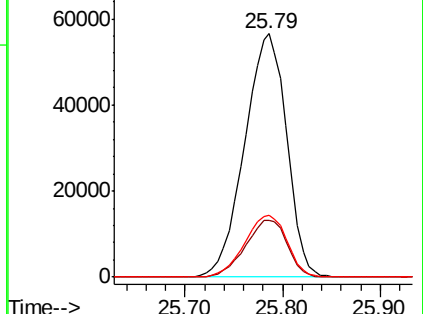
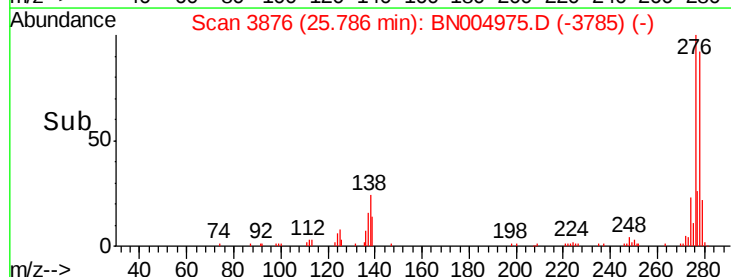
277 25.6 20.4 30.6

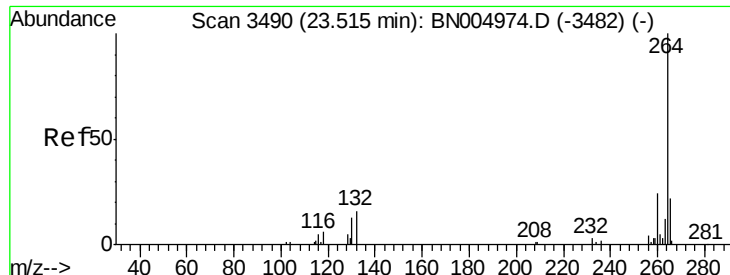


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

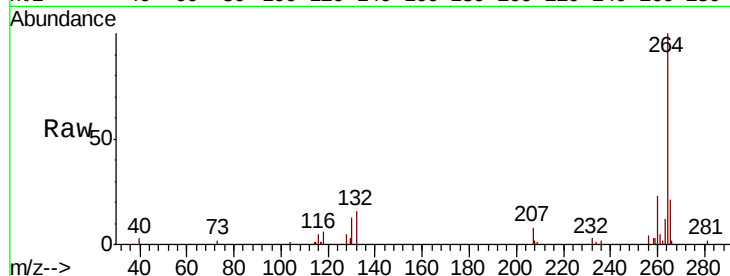




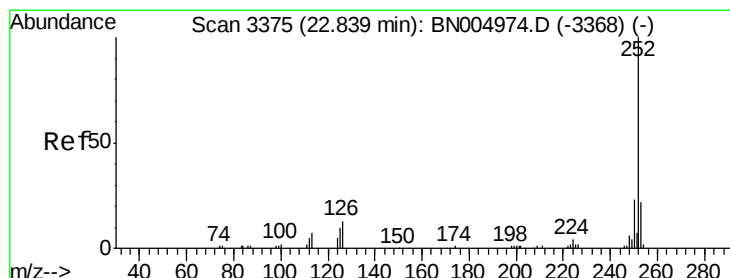
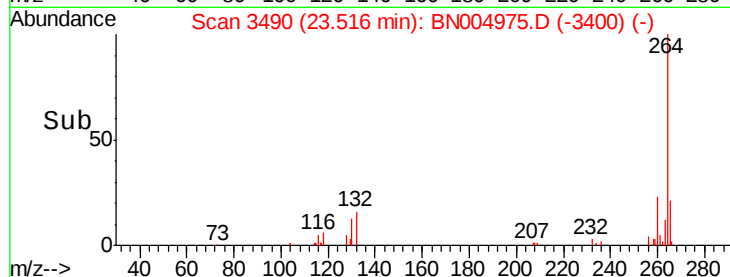
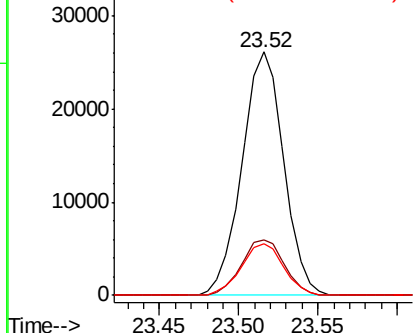
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.52 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC050

Tot Ion:264 Resp: 47726  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.0 28.4  
265 21.2 17.2 25.8

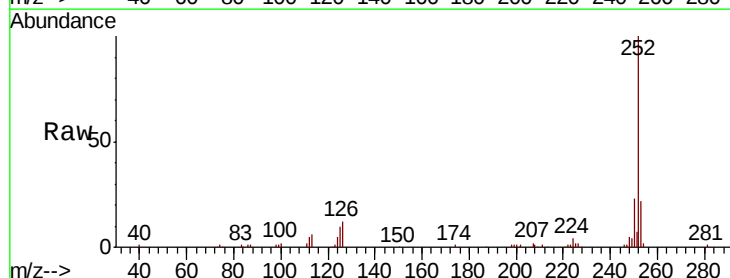


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

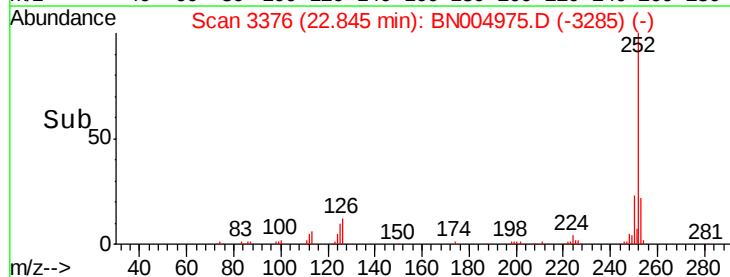
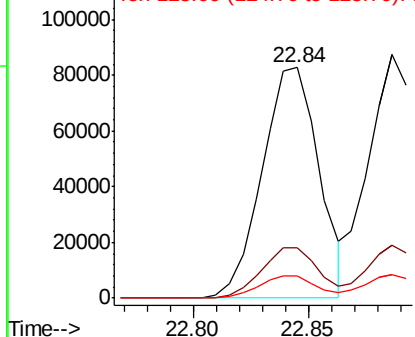


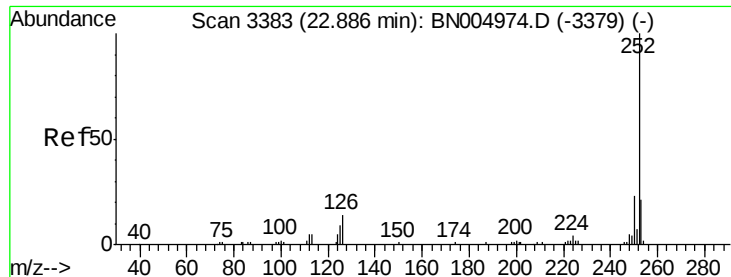
#88  
Benzo(b)fluoranthene  
Concen: 53.364 ng  
RT: 22.84 min Scan# 3376  
Delta R.T. 0.01 min  
Lab File: BN004975.D  
Acq: 26 Mar 2019 14:17

Tgt Ion:252 Resp: 141796  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 9.6 8.1 12.1



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





#89

Benzo(k)fluoranthene

Concen: 50.652 ng

RT: 22.89 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDICC050

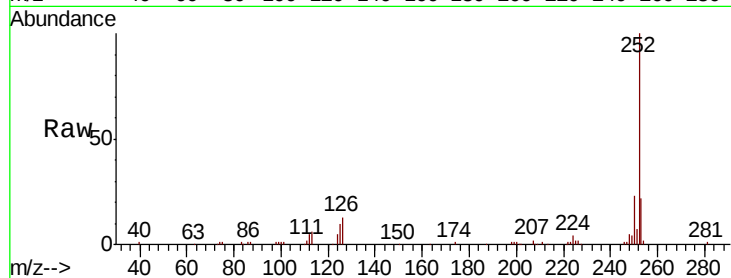
Tot Ion:252 Resp: 133931

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

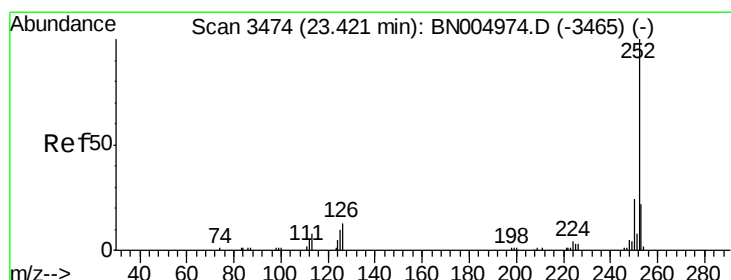
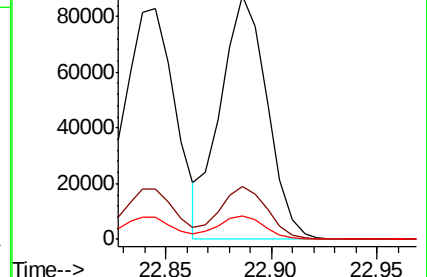
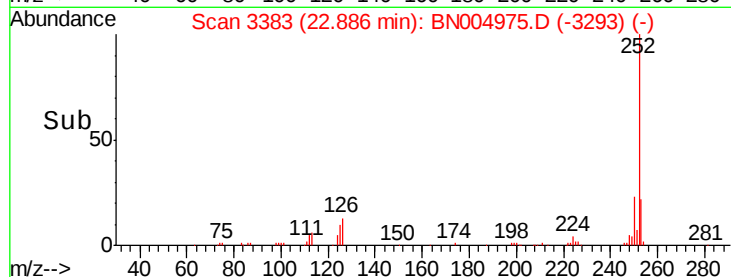
125 9.5 7.6 11.4



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: 54.093 ng

RT: 23.42 min Scan# 3474

Delta R.T. 0.00 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

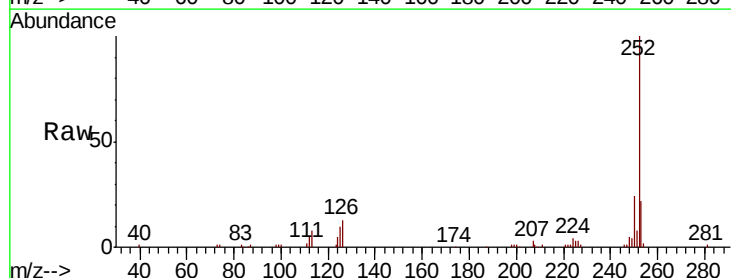
Tgt Ion:252 Resp: 133174

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

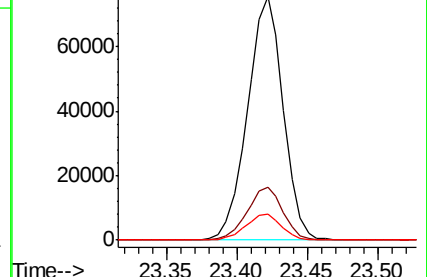
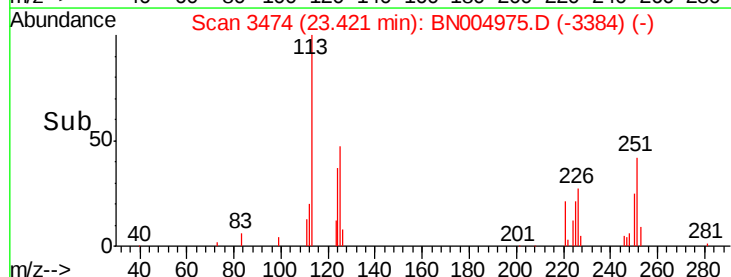
125 10.4 8.2 12.4

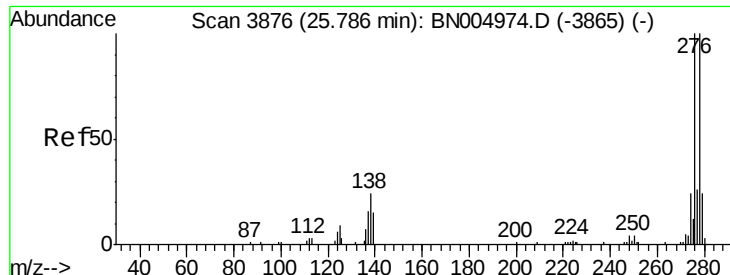


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 55.917 ng

RT: 25.79 min Scan# 3877

Delta R.T. 0.01 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

Instrument :

BNA\_N

ClientSampleId :

SSTDIC050

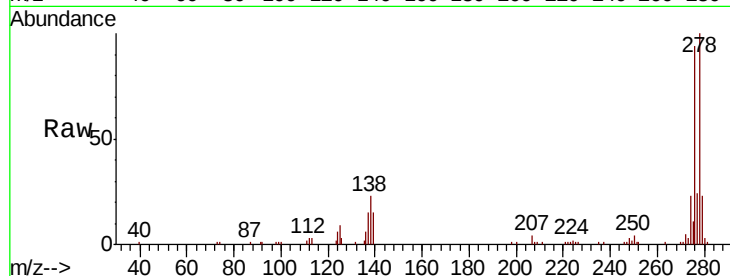
Tot Ion:278 Resp: 140187

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

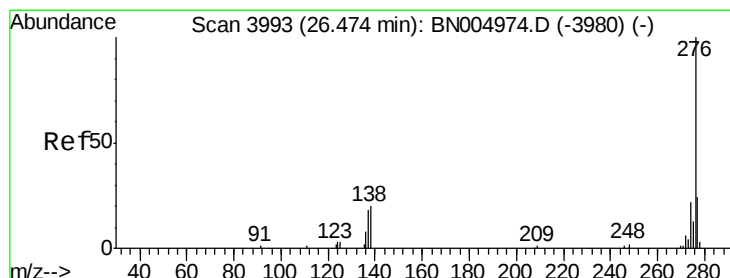
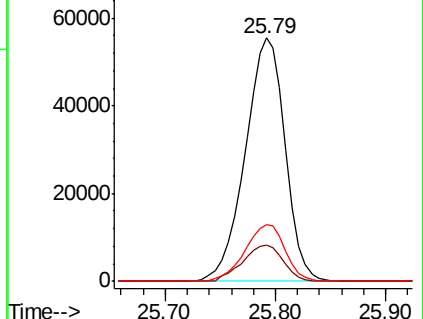
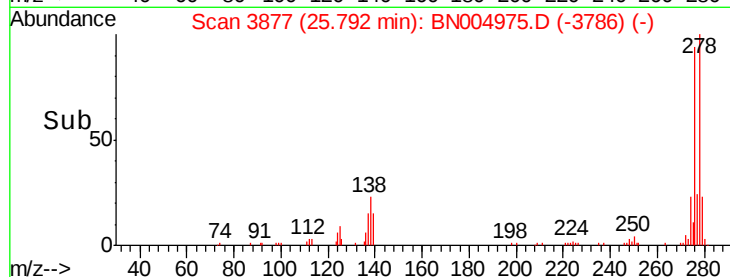
279 23.5 19.3 28.9



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: 56.943 ng

RT: 26.48 min Scan# 3994

Delta R.T. 0.01 min

Lab File: BN004975.D

Acq: 26 Mar 2019 14:17

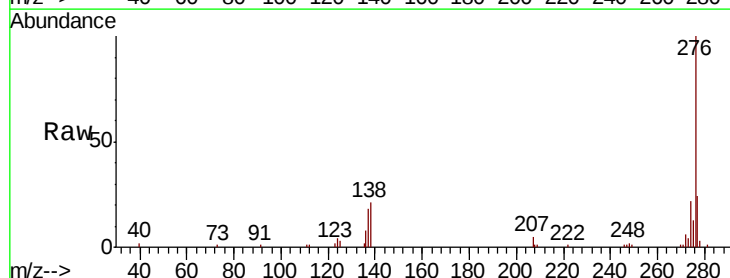
Tgt Ion:276 Resp: 138826

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 20.6 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

