

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\  
 Data File : BN002065.D  
 Acq On : 19 Jul 2018 10:36  
 Operator : JU/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 19 16:48:04 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 17 00:49:33 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 265998   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.48 | 136  | 1216070  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 743384   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 1724905  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.28 | 240  | 1809973  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.52 | 264  | 1803441  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 45803   | 7.77  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.88  | 99  | 480319  | 19.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.04  | 67  | 294998  | 19.33 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.24  | 132 | 376911  | 19.05 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.41  | 113 | 389224  | 19.29 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 195550  | 19.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 217710  | 19.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 404073  | 19.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.61 | 131 | 535260  | 22.58 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 1262093 | 20.03 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 1567096 | 19.99 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 219299  | 18.22 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 1071758 | 19.78 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 207847  | 18.50 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 1673804 | 19.90 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.48 | 212 | 1853705 | 19.70 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.38 | 264 | 1938030 | 19.90 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         | Ovalue |           |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 45973   | 7.769  | ng/uL 92  |
| 4) Benzaldehyde                | 6.85  | 77  | 313826  | 21.121 | ng/ul 95  |
| 6) Phenol                      | 6.91  | 94  | 489881  | 19.474 | ng/ul 94  |
| 8) Bis(2-Chloroethyl)ether     | 7.13  | 93  | 375113  | 19.556 | ng/ul# 88 |
| 10) 2-Chlorophenol             | 7.27  | 128 | 379890  | 19.250 | ng/ul# 88 |
| 11) 2-Methylphenol             | 8.15  | 108 | 368750  | 19.060 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.23  | 45  | 604990  | 19.186 | ng/ul# 87 |
| 14) Acetophenone               | 8.52  | 105 | 620840  | 20.273 | ng/ul# 92 |
| 15) N-Nitroso-di-n-propylamine | 8.50  | 70  | 322585  | 19.223 | ng/ul# 84 |
| 16) 4-Methylphenol             | 8.47  | 108 | 412310  | 19.641 | ng/ul 100 |
| 17) Hexachloroethane           | 8.77  | 117 | 153362  | 19.660 | ng/ul 97  |
| 20) Nitrobenzene               | 8.89  | 77  | 468390  | 20.199 | ng/ul 94  |
| 21) Isophorone                 | 9.41  | 82  | 904276  | 19.490 | ng/ul 97  |
| 23) 2-Nitrophenol              | 9.60  | 139 | 228448  | 19.580 | ng/ul 90  |
| 24) 2,4-Dimethylphenol         | 9.66  | 107 | 466702  | 19.980 | ng/ul 96  |
| 25) Bis(2-Chloroethoxy)methane | 9.90  | 93  | 538412  | 19.277 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.13 | 162 | 390201  | 19.711 | ng/ul 97  |
| 28) Naphthalene                | 10.53 | 128 | 1271812 | 19.796 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.64 | 127 | 529763  | 22.750 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.81 | 225 | 237789  | 20.269 | ng/ul 99  |
| 32) Caprolactam                | 11.39 | 113 | 91934   | 12.494 | ng/ul# 63 |
| 33) 4-Chloro-3-methylphenol    | 11.78 | 107 | 440165  | 19.768 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.14 | 142 | 922178  | 19.679 | ng/ul 99  |

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 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

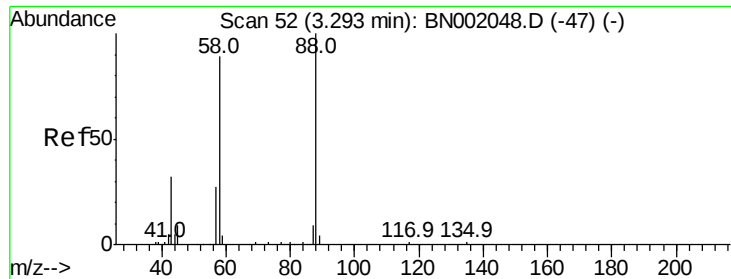
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 19 16:48:04 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 17 00:49:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216  | 474237   | 19.674 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.49 | 237  | 287532   | 18.805 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.76 | 196  | 322612   | 19.471 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.83 | 196  | 332726   | 19.010 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.16 | 154  | 1227308  | 19.838 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.20 | 162  | 950566   | 19.760 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.41 | 65   | 306175   | 19.796 | ng/ul  | 83       |
| 44) Dimethylphthalate          | 13.79 | 163  | 1226506  | 19.872 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.92 | 165  | 257439   | 19.735 | ng/ul  | 98       |
| 47) Acenaphthylene             | 14.05 | 152  | 1500253  | 19.935 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.24 | 138  | 264548   | 20.574 | ng/ul  | 94       |
| 49) Acenaphthene               | 14.40 | 153  | 1029883  | 19.828 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.46 | 184  | 123493   | 16.094 | ng/ul# | 1        |
| 52) 4-Nitrophenol              | 14.56 | 109  | 165854   | 19.712 | ng/ul# | 81       |
| 53) Dibenzofuran               | 14.73 | 168  | 1466639  | 19.984 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.70 | 165  | 381729   | 20.176 | ng/ul# | 88       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 300553   | 19.556 | ng/ul# | 98       |
| 56) Diethylphthalate           | 15.16 | 149  | 1256036  | 20.041 | ng/ul  | 100      |
| 58) Fluorene                   | 15.39 | 166  | 1181852  | 20.172 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.38 | 204  | 594128   | 20.416 | ng/ul  | 94       |
| 60) 4-Nitroaniline             | 15.41 | 138  | 291920   | 19.609 | ng/ul  | 95       |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 214591   | 18.448 | ng/ul  | 97       |
| 64) N-Nitrosodiphenylamine     | 15.60 | 169  | 1035873  | 19.634 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.28 | 248  | 375797   | 19.799 | ng/ul  | 91       |
| 66) Hexachlorobenzene          | 16.39 | 284  | 411148   | 19.575 | ng/ul  | 92       |
| 67) Atrazine                   | 16.55 | 200  | 393707   | 20.681 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.74 | 266  | 213520   | 17.871 | ng/ul  | 99       |
| 69) Phenanthrene               | 17.12 | 178  | 1922716  | 19.849 | ng/ul  | 99       |
| 71) Anthracene                 | 17.22 | 178  | 1991763  | 20.189 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.13 | 216  | 504093   | 19.599 | ng/ul  | 98       |
| 73) Pentachlorobenzene         | 14.66 | 250  | 473758   | 19.692 | ng/ul  | 98       |
| 74) Carbazole                  | 17.49 | 167  | 1763918  | 21.137 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.06 | 149  | 2189100  | 19.839 | ng/ul  | 100      |
| 76) Fluoranthene               | 19.15 | 202  | 2283860  | 22.216 | ng/ul  | 99       |
| 79) Pvrene                     | 19.51 | 202  | 2302523  | 19.825 | ng/ul  | 100      |
| 80) Butylbenzylphthalate       | 20.42 | 149  | 1031779  | 18.703 | ng/ul  | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 795209   | 20.720 | ng/ul  | 99       |
| 82) Benzo(a)anthracene         | 21.27 | 228  | 2311520  | 20.050 | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.21 | 149  | 1518388  | 19.439 | ng/ul# | 97       |
| 84) Chrysene                   | 21.32 | 228  | 2158204  | 20.086 | ng/ul  | 99       |
| 86) Di-n-octyl phthalate       | 22.09 | 149  | 2617107  | 22.095 | ng/ul# | 95       |
| 87) Benzo(b)fluoranthene       | 22.85 | 252  | 2328316  | 20.976 | ng/ul  | 99       |
| 88) Benzo(k)fluoranthene       | 22.89 | 252  | 2082400  | 19.748 | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 23.42 | 252  | 2113078  | 20.035 | ng/ul  | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.76 | 276  | 2194676  | 18.002 | ng/ul  | 96       |
| 92) Dibenzo(a,h)anthracene     | 25.77 | 278  | 1840299  | 18.036 | ng/ul  | 97       |
| 93) Benzo(g,h,i)perylene       | 26.44 | 276  | 1774162  | 17.318 | ng/ul  | 97       |

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





#2

1,4-Dioxane

Concen: 7.769 ng/uL

RT: 3.29 min Scan# 52

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

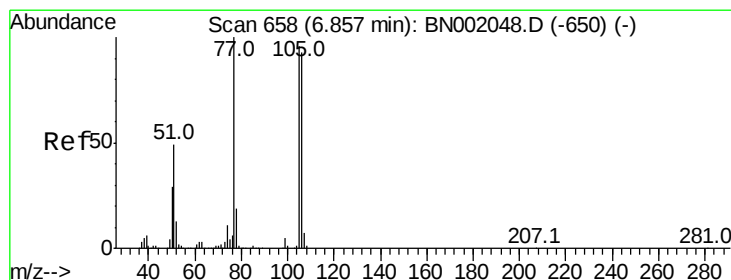
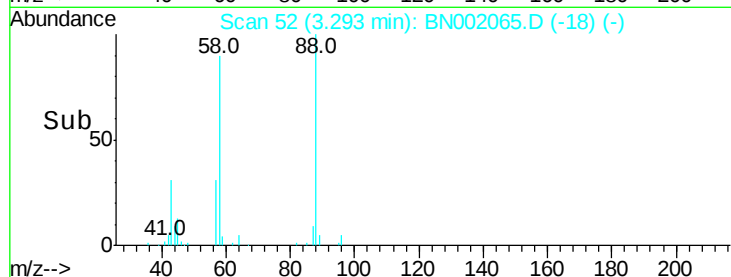
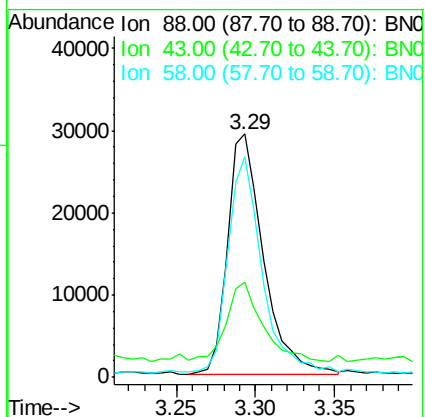
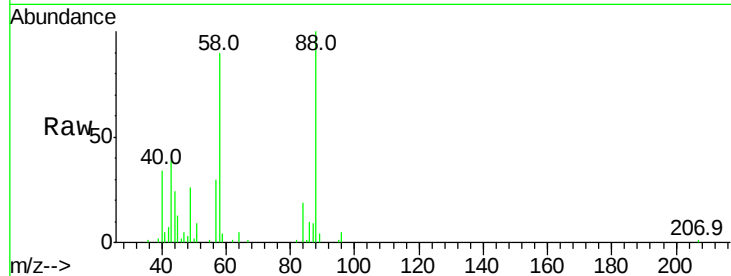
Tot Ion: 88 Resp: 45973

Ion Ratio Lower Upper

88 100

43 33.3 32.0 48.0

58 84.1 72.0 108.0



#4

Benzaldehyde

Concen: 21.121 ng/uL

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

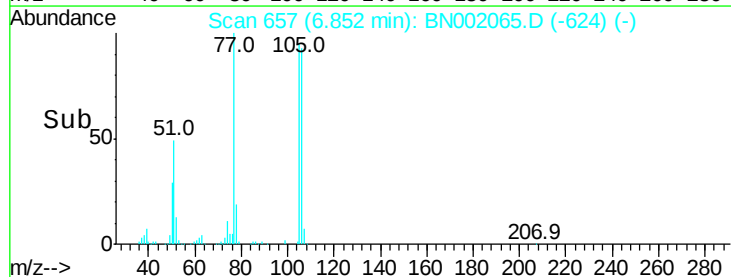
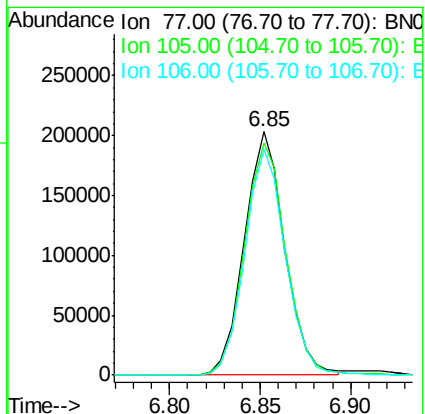
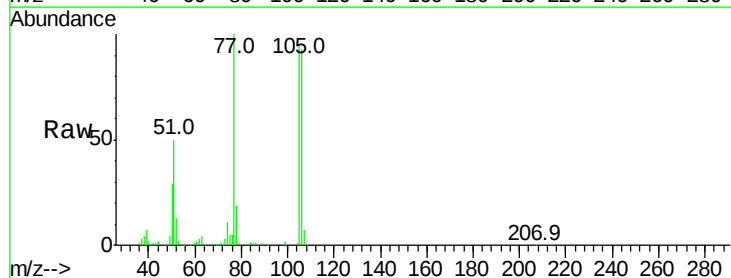
Tgt Ion: 77 Resp: 313826

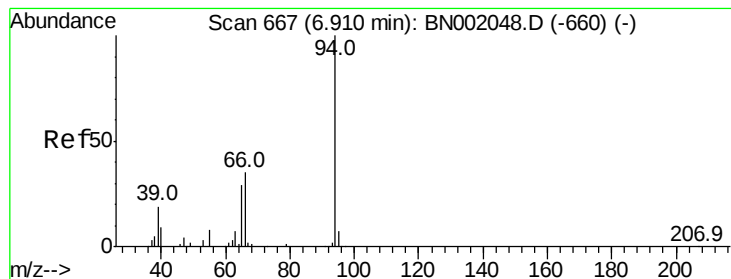
Ion Ratio Lower Upper

77 100

105 95.2 80.6 120.8

106 92.5 77.7 116.5





#6

Phenol

Concen: 19.474 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampled :

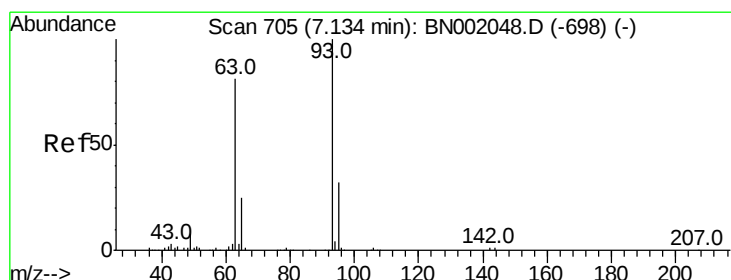
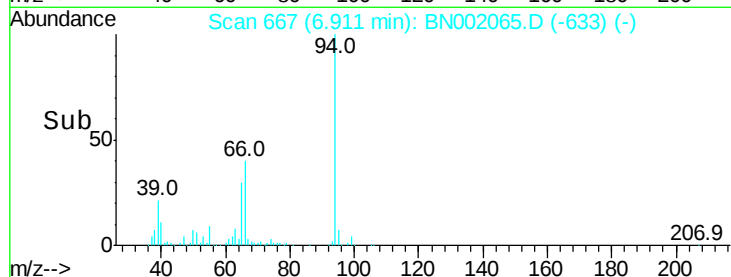
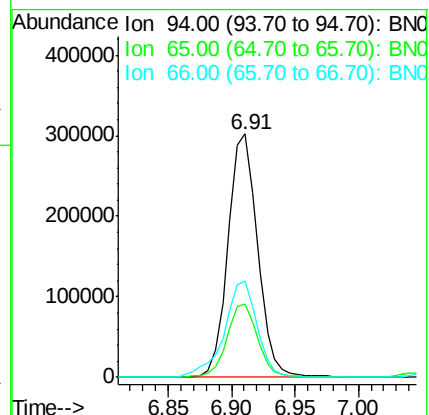
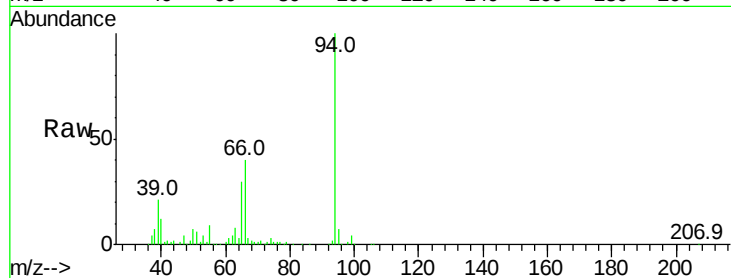
Tot Ion: 94 Resp: 489881

Ion Ratio Lower Upper

94 100

65 29.9 21.0 31.6

66 39.6 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 19.556 ng/ul

RT: 7.13 min Scan# 705

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

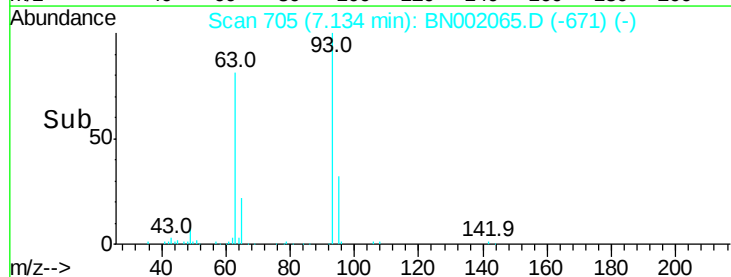
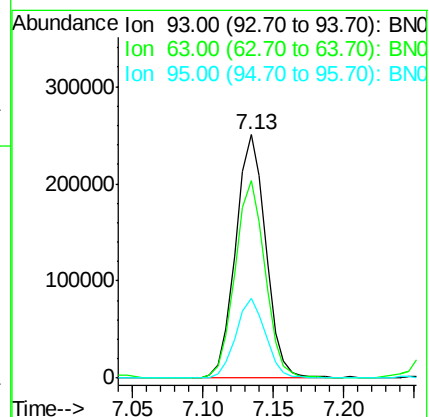
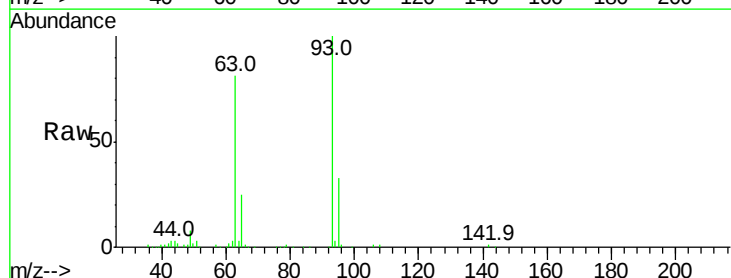
Tgt Ion: 93 Resp: 375113

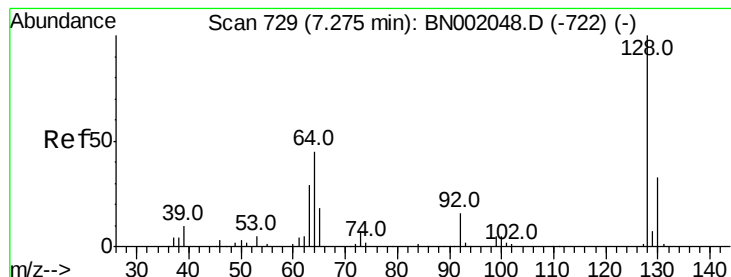
Ion Ratio Lower Upper

93 100

63 81.1 53.5 80.3#

95 32.7 26.2 39.2





#10

2-Chlorophenol

Concen: 19.250 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

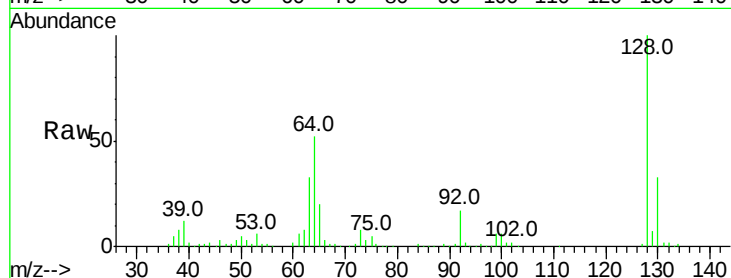
Tot Ion:128 Resp: 379890

Ion Ratio Lower Upper

128 100

64 52.0 31.9 47.9#

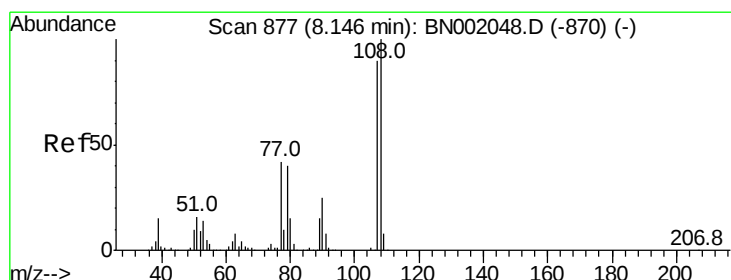
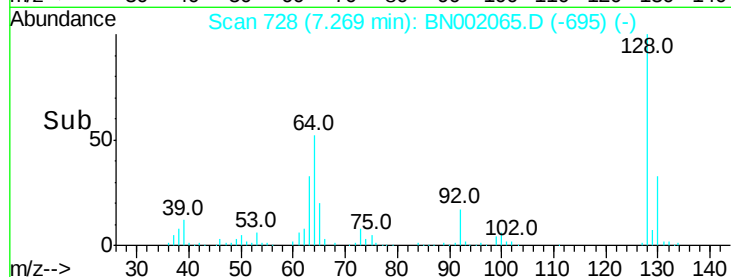
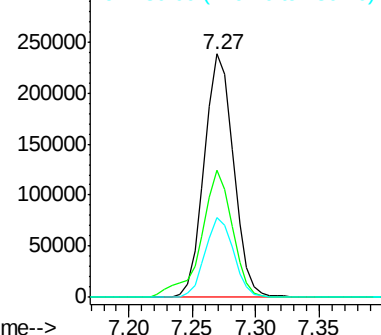
130 32.7 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.060 ng/ul

RT: 8.15 min Scan# 877

Delta R.T. 0.00 min

Lab File: BN002065.D

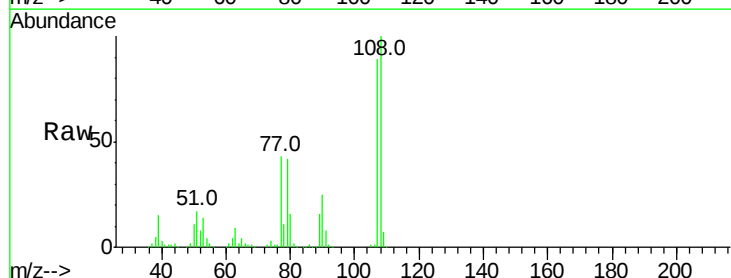
Acq: 19 Jul 2018 10:36

Tgt Ion:108 Resp: 368750

Ion Ratio Lower Upper

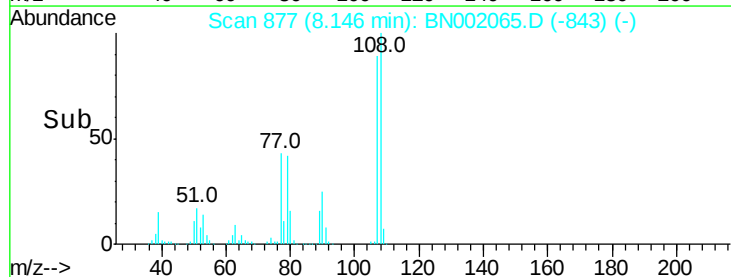
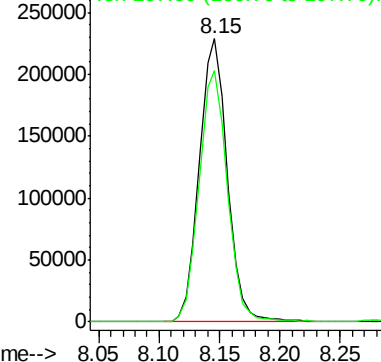
108 100

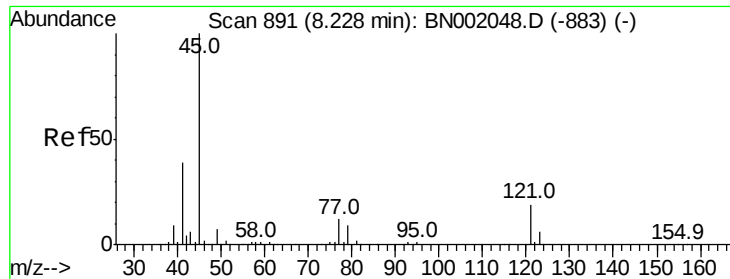
107 89.0 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

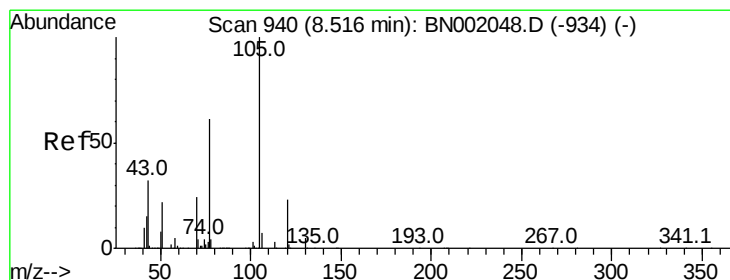
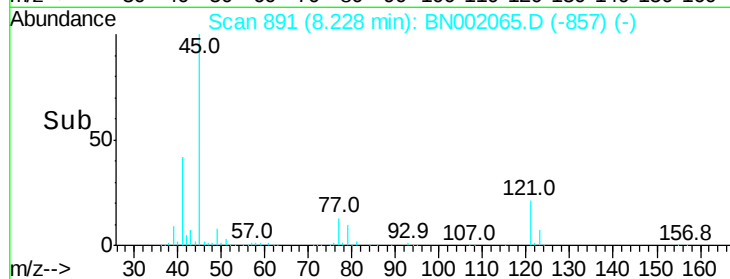
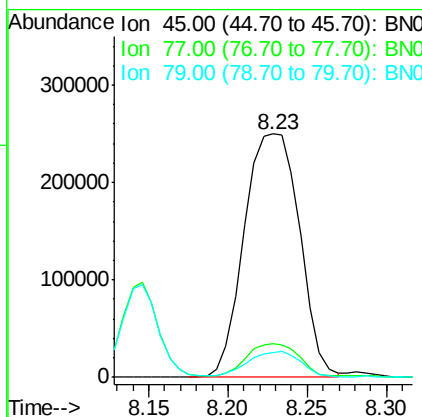
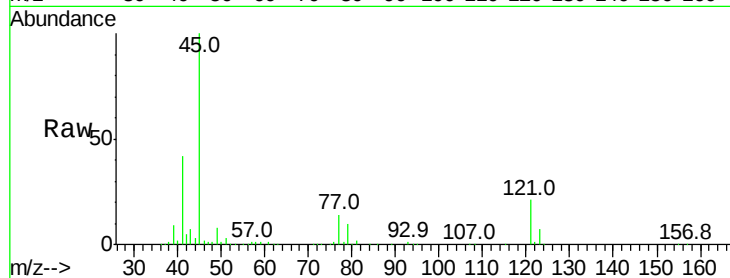




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.186 ng/ul  
RT: 8.23 min Scan# 891  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

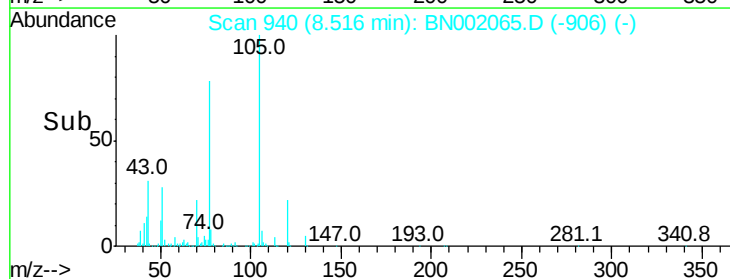
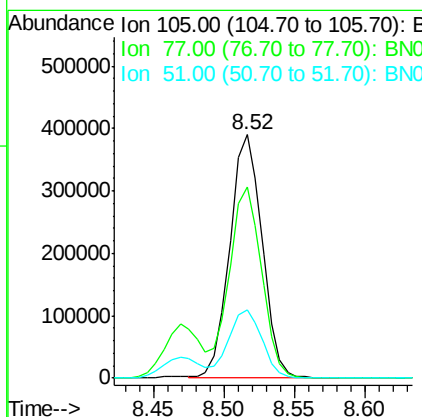
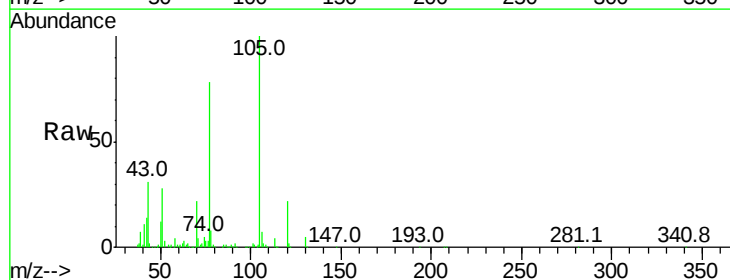
Instrument :  
BNA\_N  
ClientSampleId :

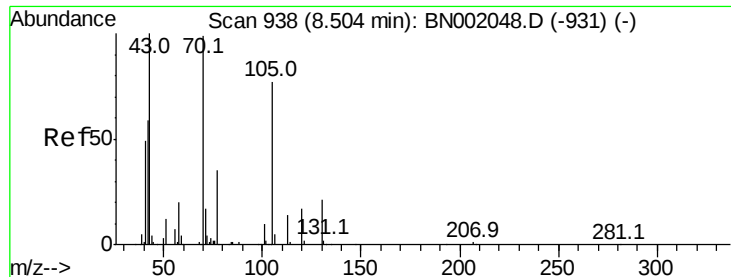
Tot Ion: 45 Resp: 604990  
Ion Ratio Lower Upper  
45 100  
77 13.6 15.9 23.9#  
79 10.1 12.5 18.7#



#14  
Acetophenone  
Concen: 20.273 ng/ul  
RT: 8.52 min Scan# 940  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Tgt Ion: 105 Resp: 620840  
Ion Ratio Lower Upper  
105 100  
77 78.5 59.0 88.4  
51 28.0 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 19.223 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 70 Resp: 322585

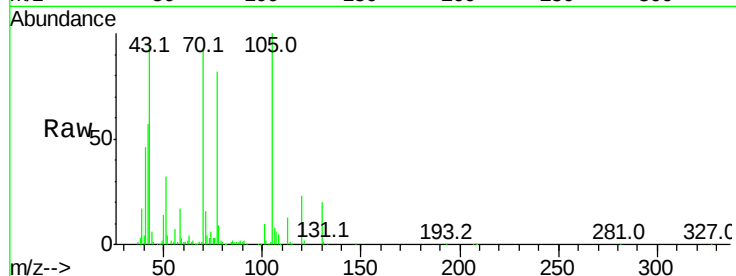
Ion Ratio Lower Upper

70 100

42 61.5 35.4 53.0#

101 10.5 8.4 12.6

130 21.4 18.2 27.4

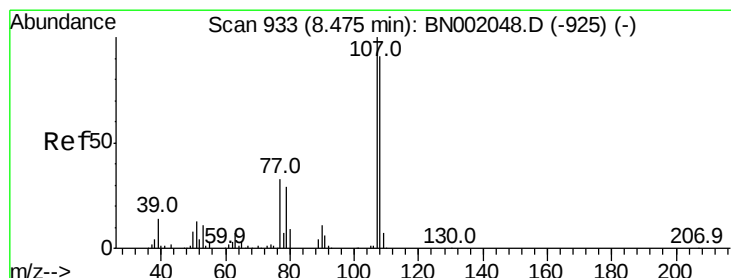
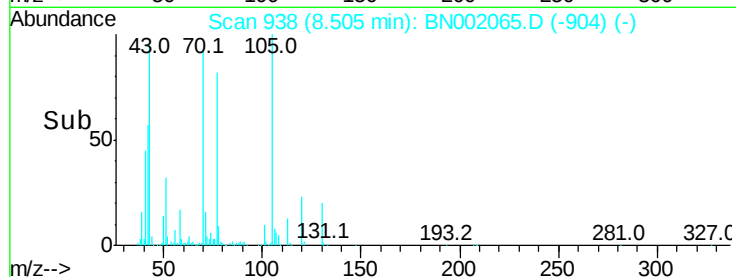
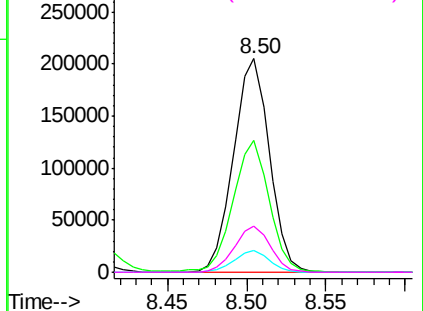


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.641 ng/ul

RT: 8.47 min Scan# 932

Delta R.T. -0.01 min

Lab File: BN002065.D

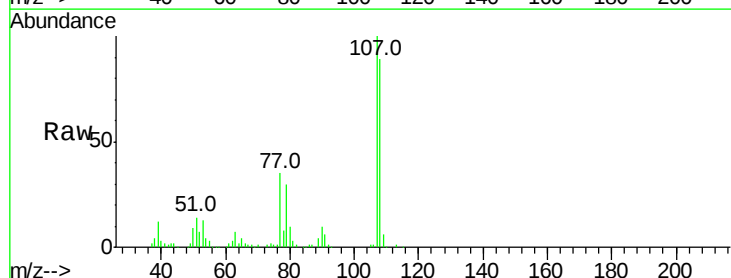
Acq: 19 Jul 2018 10:36

Tgt Ion:108 Resp: 412310

Ion Ratio Lower Upper

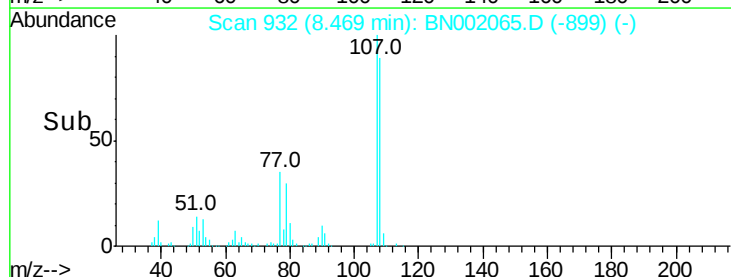
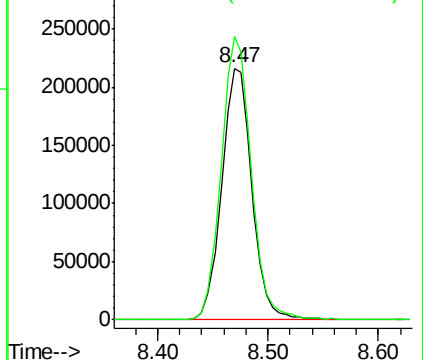
108 100

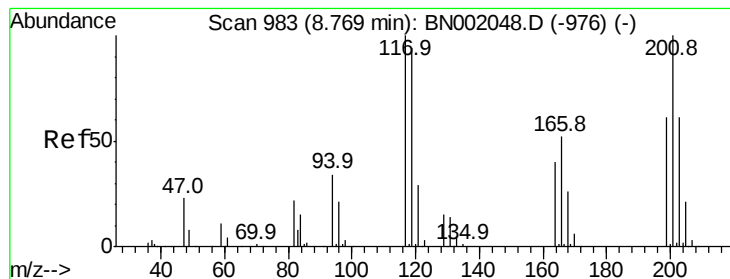
107 112.5 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.660 ng/ul

RT: 8.77 min Scan# 983

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampled :

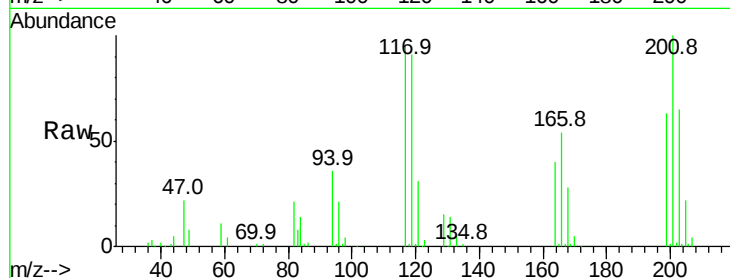
Tot Ion:117 Resp: 153362

Ion Ratio Lower Upper

117 100

201 104.7 81.5 122.3

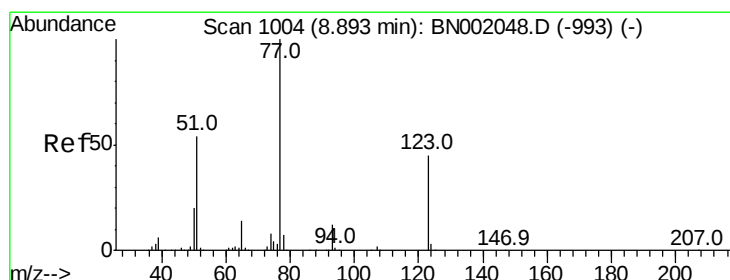
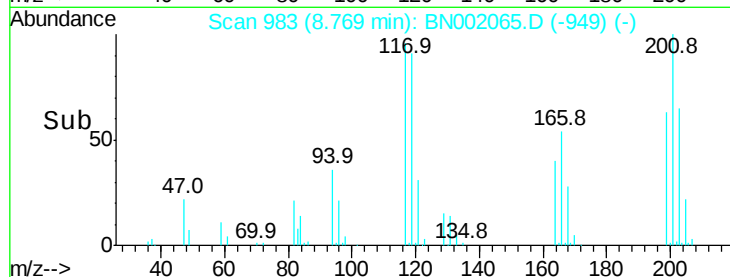
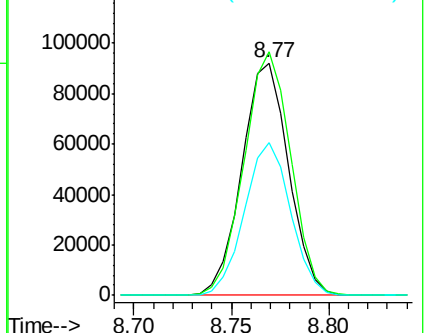
199 65.7 50.6 76.0



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.199 ng/ul

RT: 8.89 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

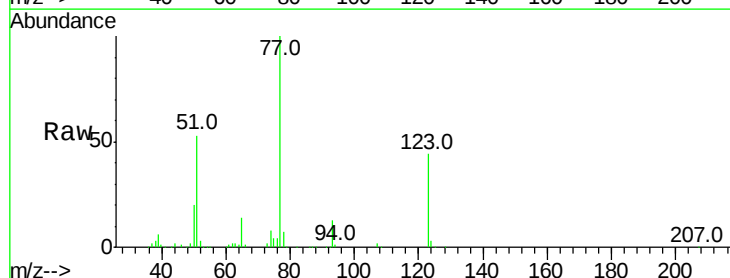
Tgt Ion: 77 Resp: 468390

Ion Ratio Lower Upper

77 100

123 43.6 39.0 58.4

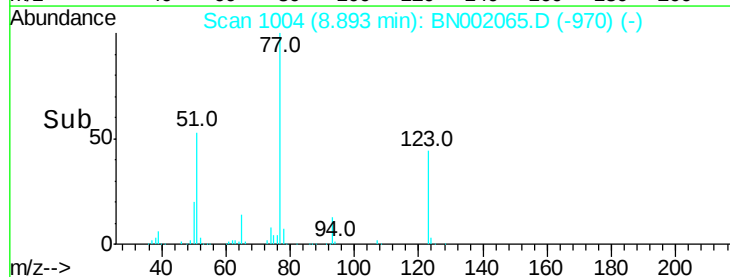
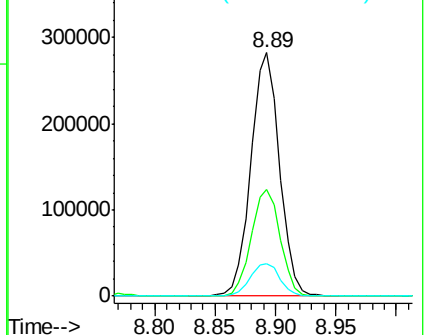
65 13.5 10.4 15.6

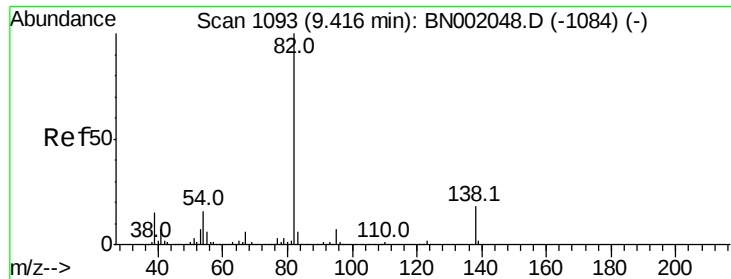


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

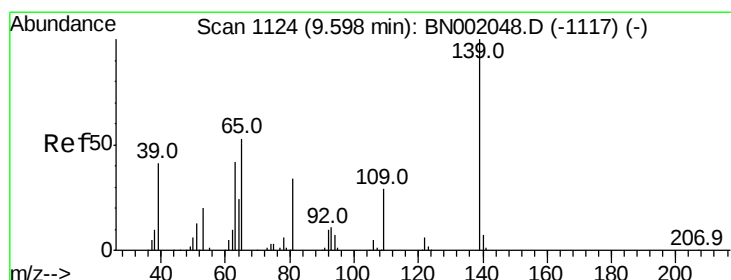
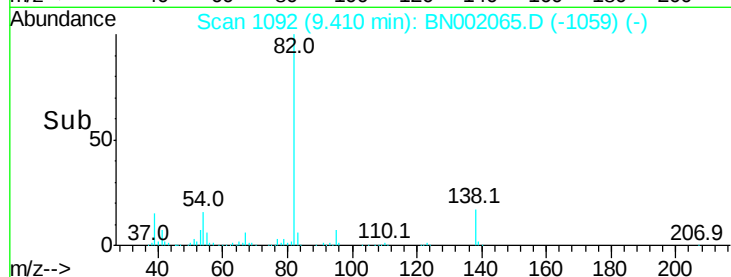
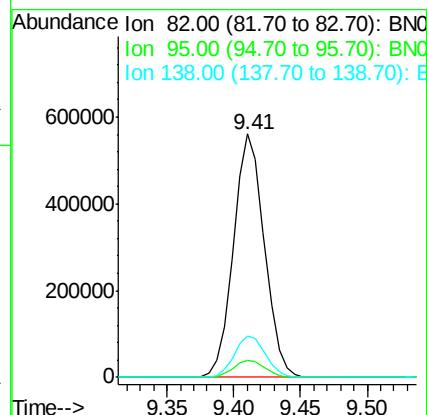
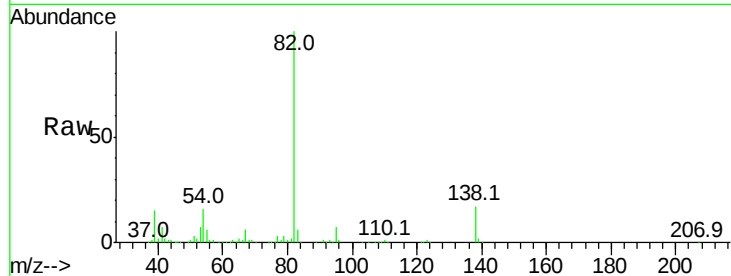




#21  
Isophorone  
Concen: 19.490 ng/ul  
RT: 9.41 min Scan# 1092  
Delta R.T. -0.01 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

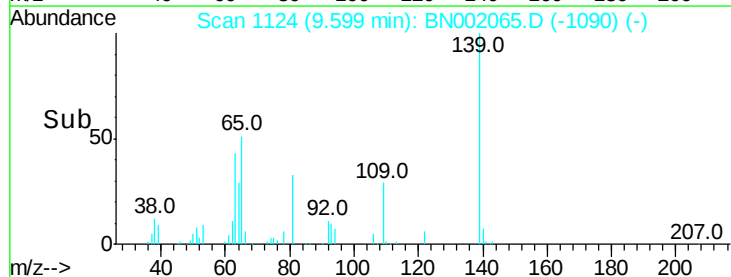
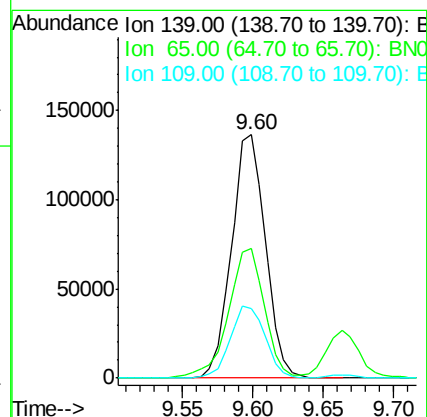
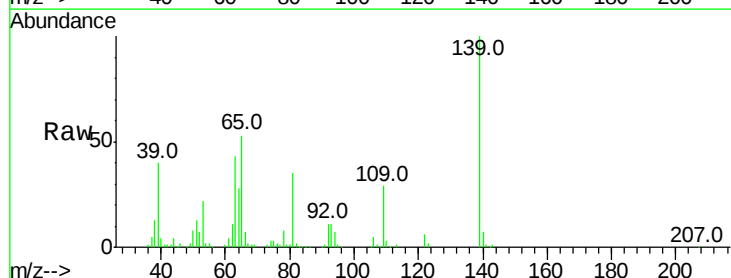
Instrument :  
BNA\_N  
ClientSampleId :

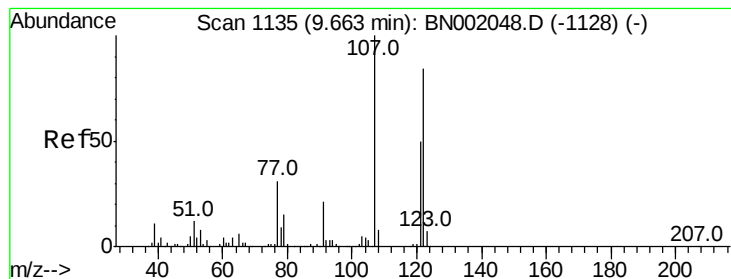
Tot Ion: 82 Resp: 904276  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.4 9.6  
138 17.1 14.9 22.3



#23  
2-Nitrophenol  
Concen: 19.580 ng/ul  
RT: 9.60 min Scan# 1124  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Tgt Ion:139 Resp: 228448  
Ion Ratio Lower Upper  
139 100  
65 53.5 36.3 54.5  
109 28.6 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 19.980 ng/ul

RT: 9.66 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

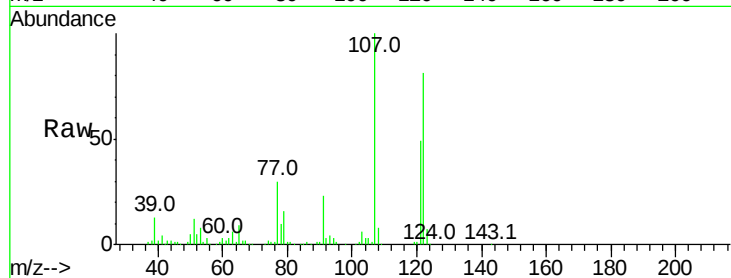
Tot Ion:107 Resp: 466702

Ion Ratio Lower Upper

107 100

121 48.6 40.6 61.0

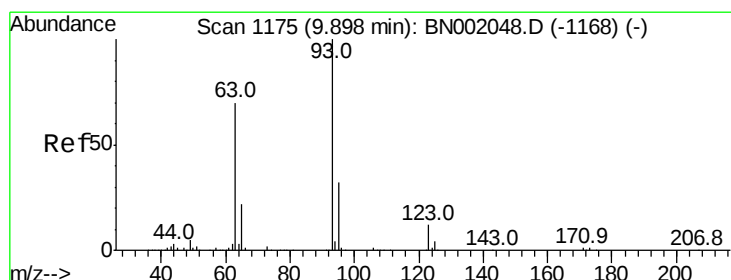
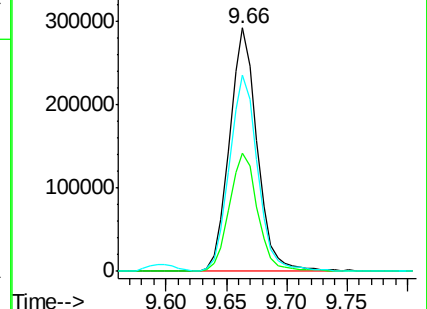
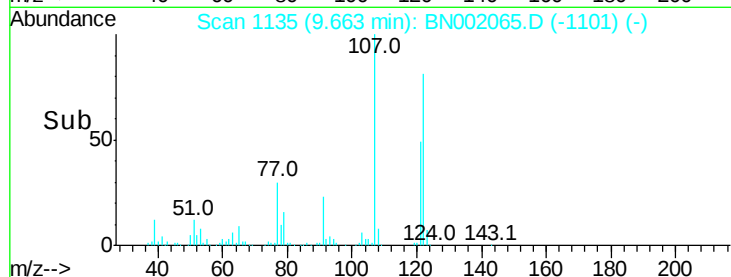
122 80.7 67.8 101.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.277 ng/ul

RT: 9.90 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

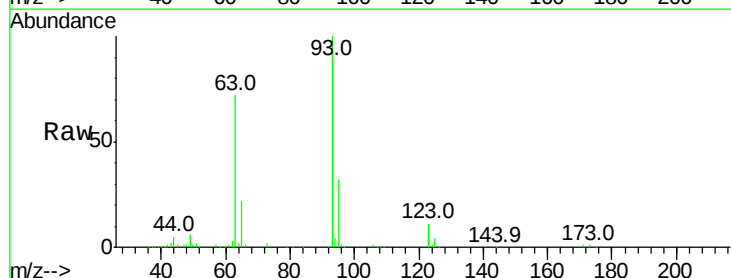
Tgt Ion: 93 Resp: 538412

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

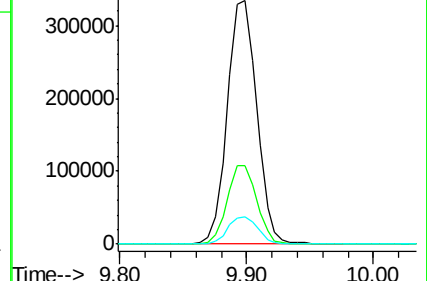
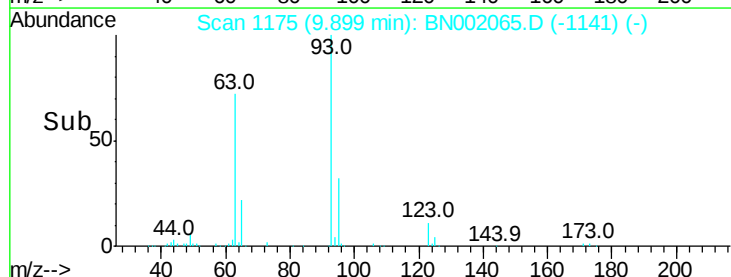
123 11.3 9.8 14.8

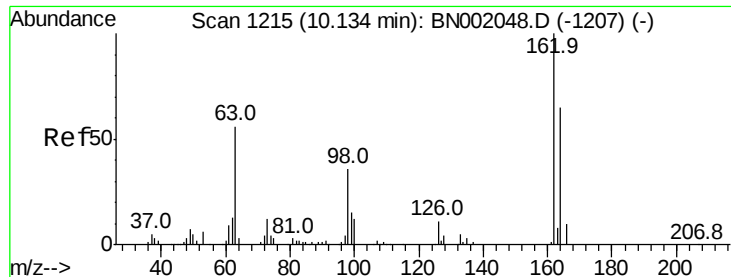


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.711 ng/ul

RT: 10.13 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

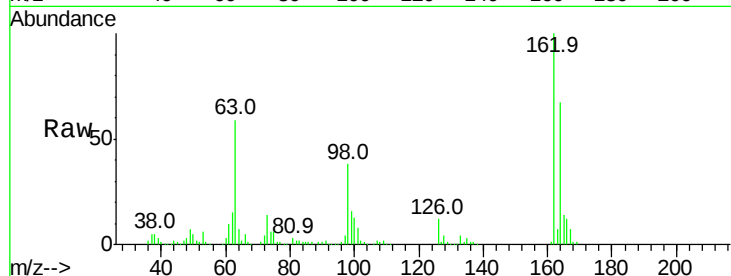
Tot Ion:162 Resp: 390201

Ion Ratio Lower Upper

162 100

164 67.1 52.1 78.1

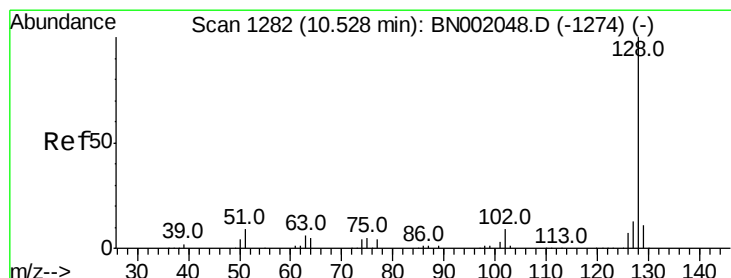
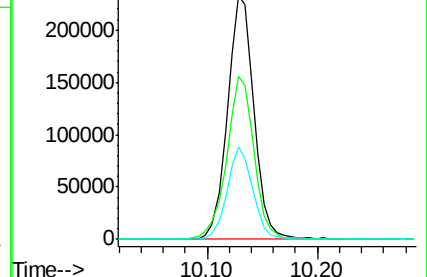
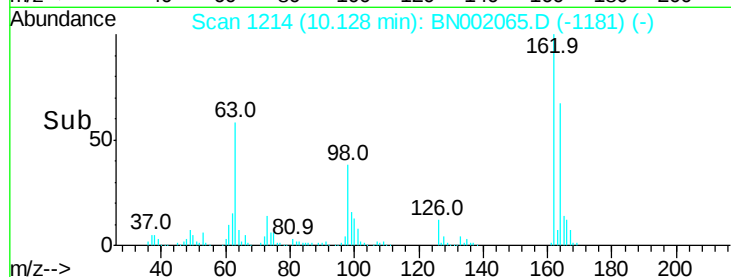
98 37.8 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 19.796 ng/ul

RT: 10.53 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

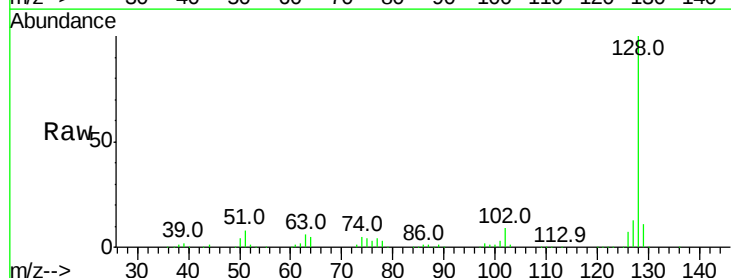
Tgt Ion:128 Resp: 1271812

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

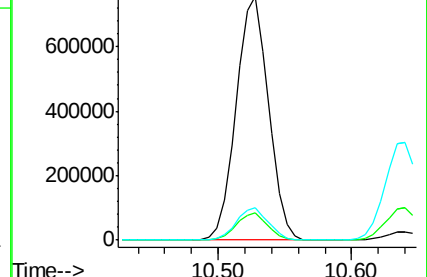
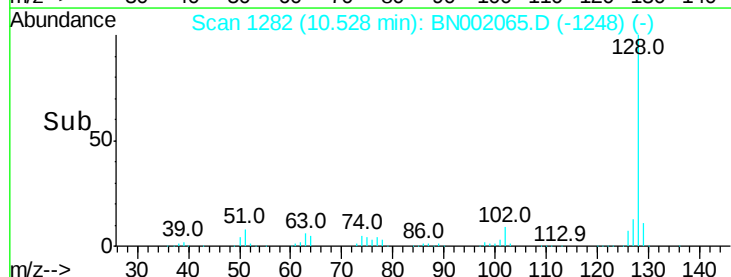
127 13.2 10.5 15.7

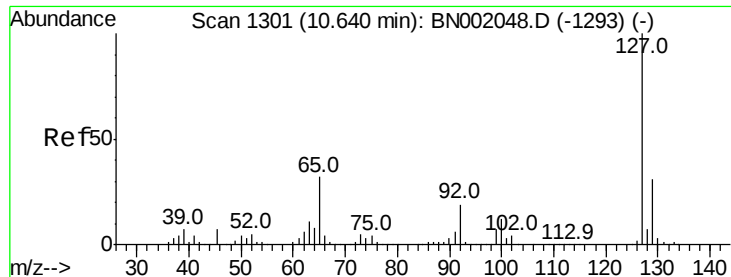


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

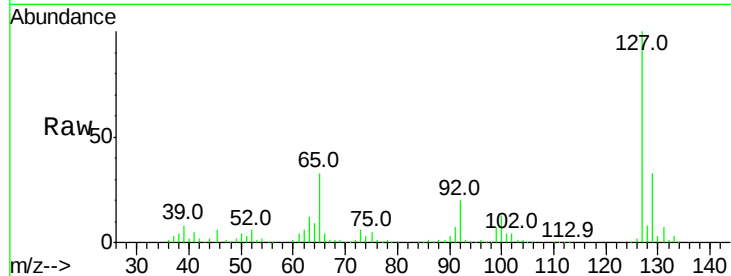




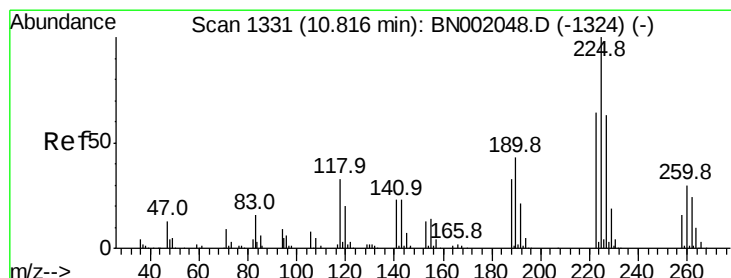
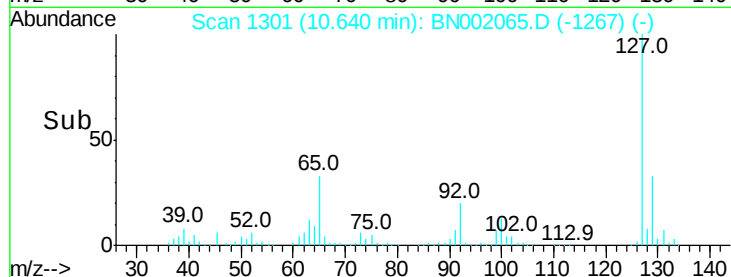
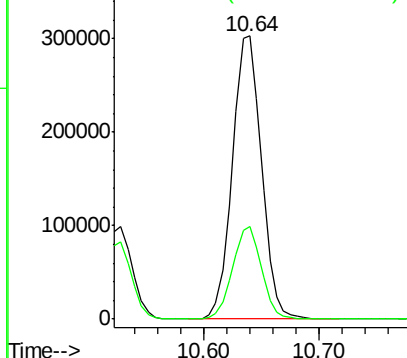
#30  
4-Chloroaniline  
Concen: 22.750 ng/ul  
RT: 10.64 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:127 Resp: 529763  
Ion Ratio Lower Upper  
127 100  
129 32.7 25.4 38.2

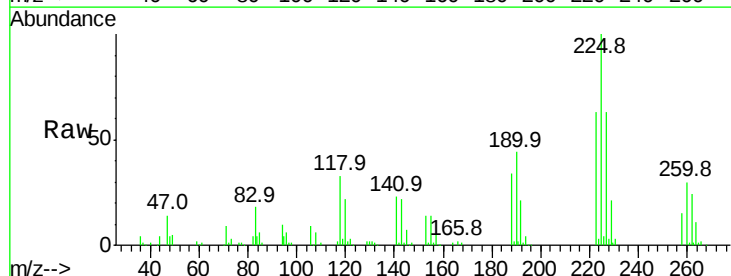


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

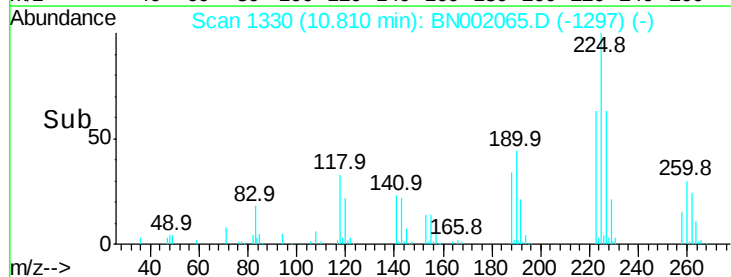
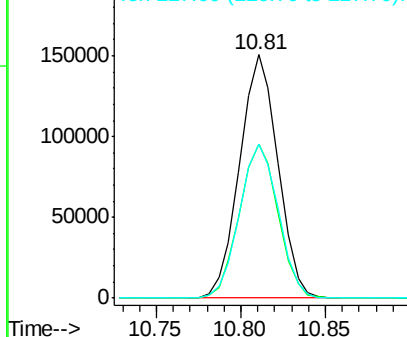


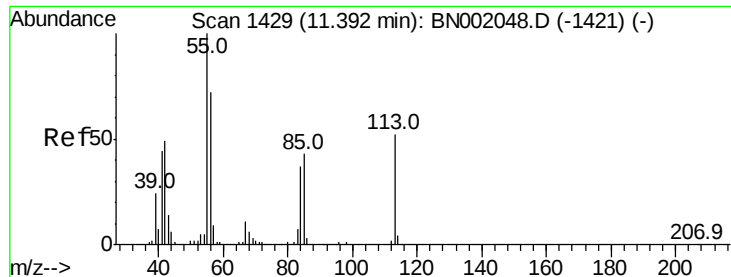
#31  
Hexachlorobutadiene  
Concen: 20.269 ng/ul  
RT: 10.81 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Tgt Ion:225 Resp: 237789  
Ion Ratio Lower Upper  
225 100  
223 63.5 51.4 77.2  
227 63.2 50.7 76.1



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





#32

Caprolactam

Concen: 12.494 ng/ul

RT: 11.39 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

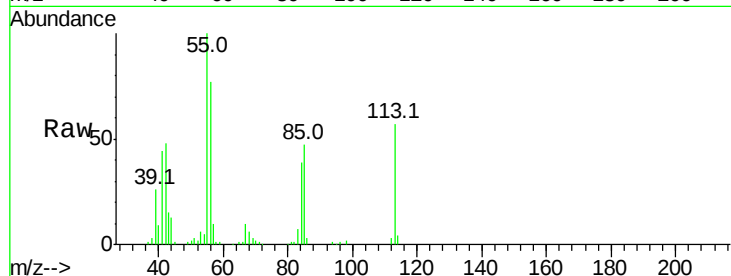
Tot Ion:113 Resp: 91934

Ion Ratio Lower Upper

113 100

55 174.2 101.9 152.9#

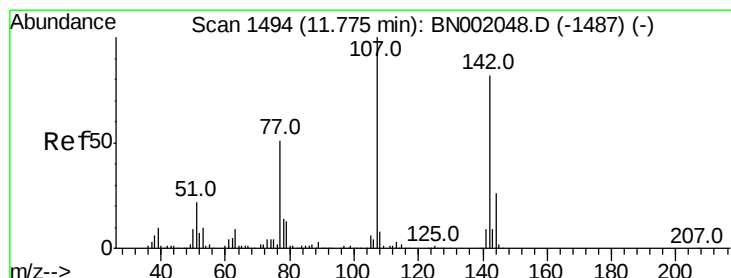
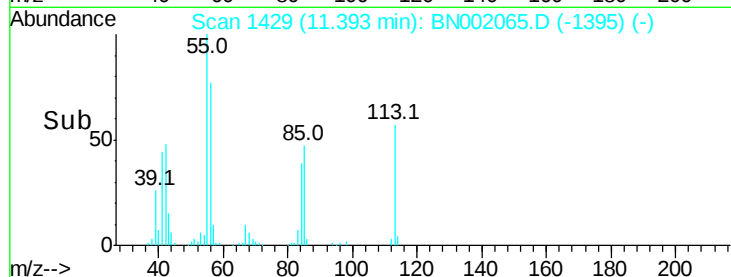
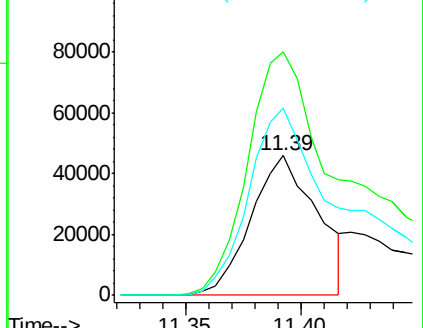
56 134.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 19.768 ng/ul

RT: 11.78 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

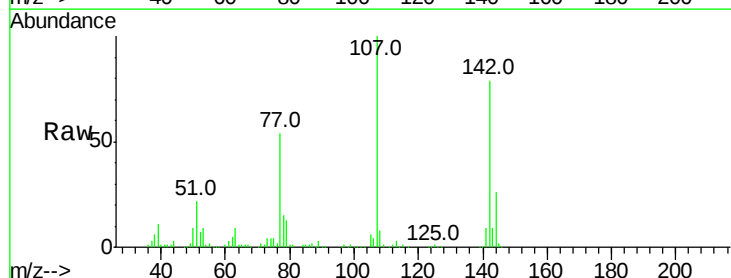
Tgt Ion:107 Resp: 440165

Ion Ratio Lower Upper

107 100

144 25.6 20.4 30.6

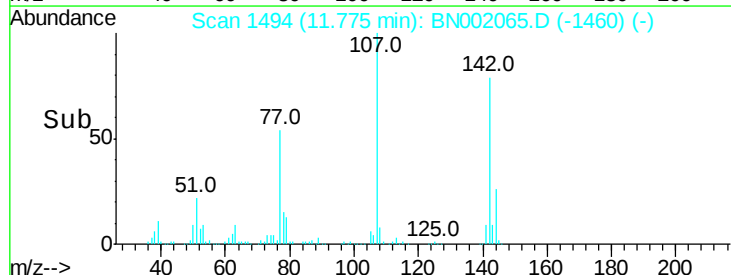
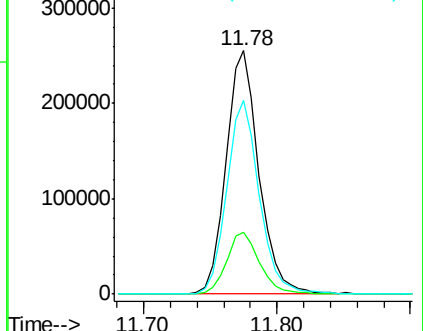
142 79.3 62.5 93.7

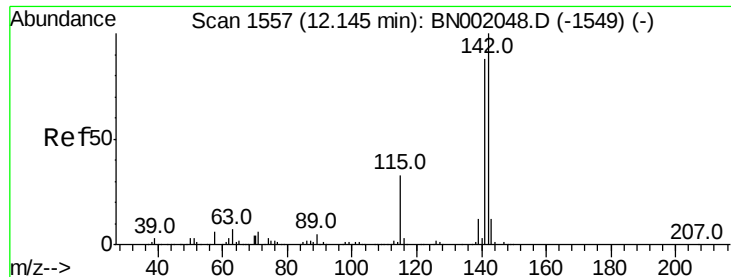


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

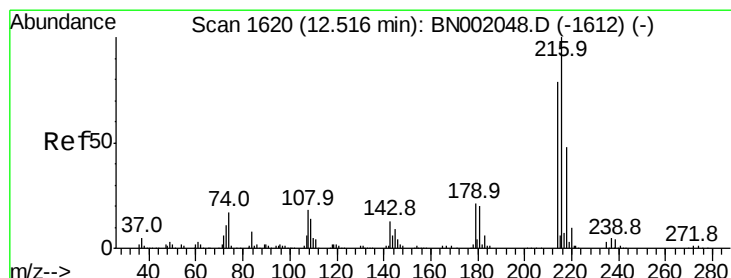
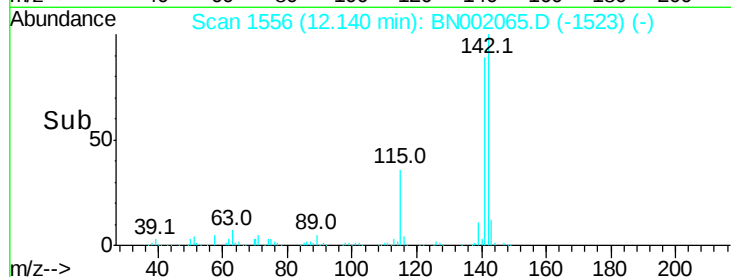
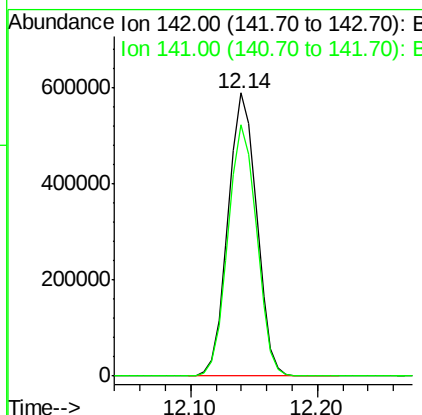
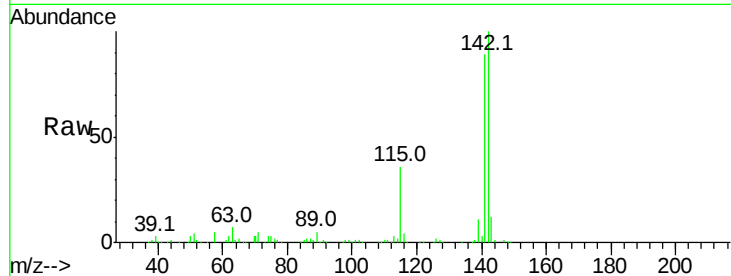




#34  
 2-Methylnaphthalene  
 Concen: 19.679 ng/ul  
 RT: 12.14 min Scan# 1556  
 Delta R.T. -0.01 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

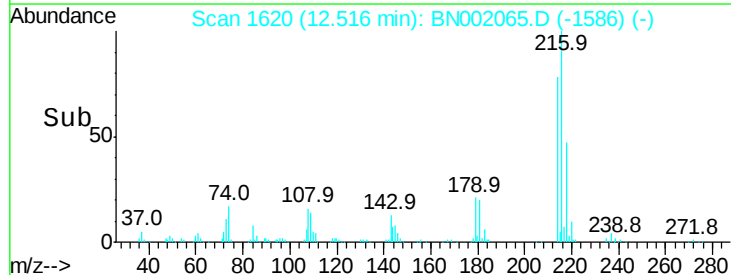
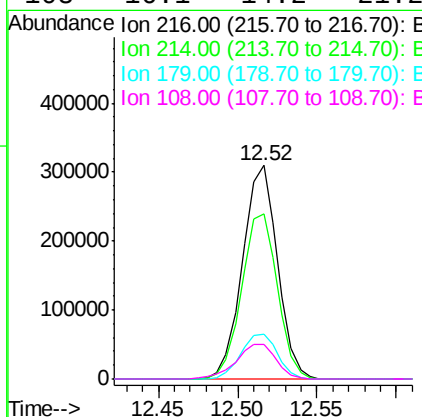
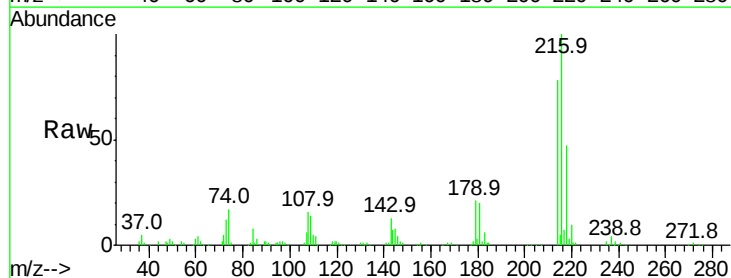
Instrument :  
 BNA\_N  
 ClientSampleId :

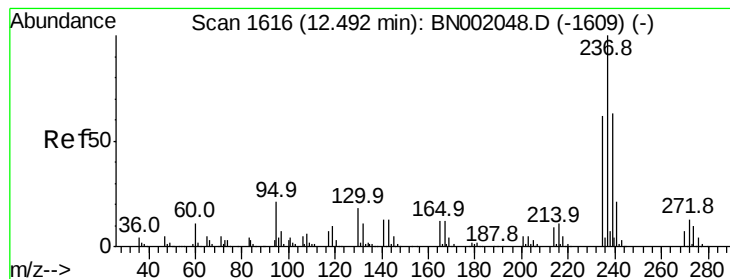
Tot Ion:142 Resp: 922178  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 71.6 107.4



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.674 ng/ul  
 RT: 12.52 min Scan# 1620  
 Delta R.T. 0.00 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

Tgt Ion:216 Resp: 474237  
 Ion Ratio Lower Upper  
 216 100  
 214 77.6 62.5 93.7  
 179 20.9 18.2 27.2  
 108 16.1 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 18.805 ng/ul

RT: 12.49 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

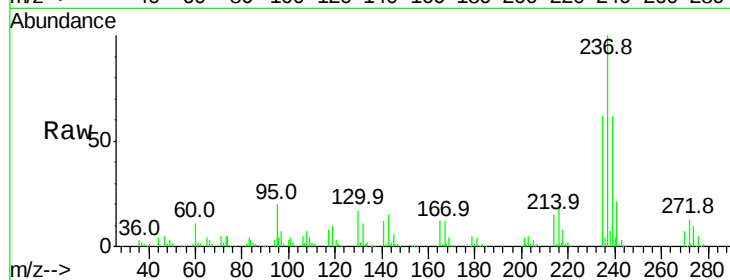
Tot Ion:237 Resp: 287532

Ion Ratio Lower Upper

237 100

235 61.7 50.4 75.6

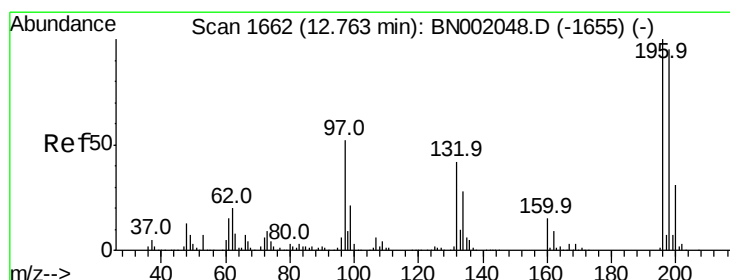
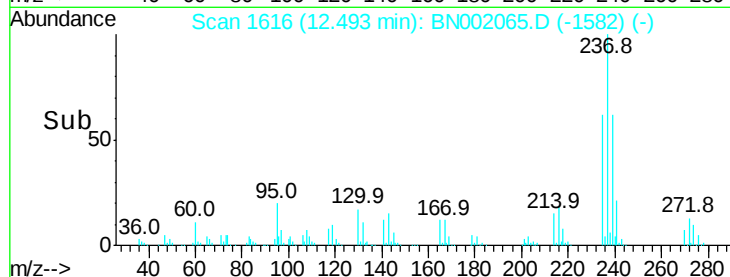
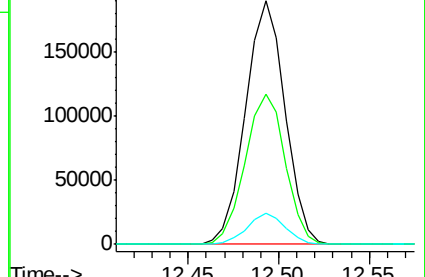
272 12.7 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 19.471 ng/ul

RT: 12.76 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

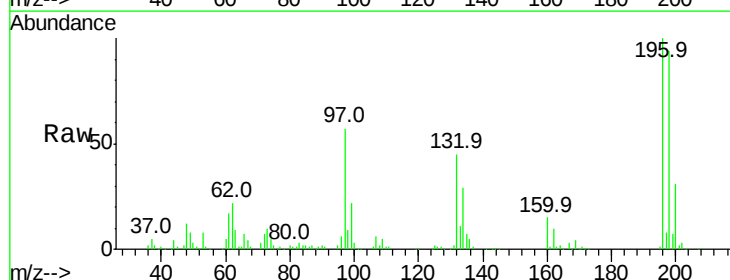
Tgt Ion:196 Resp: 322612

Ion Ratio Lower Upper

196 100

198 94.3 76.6 114.8

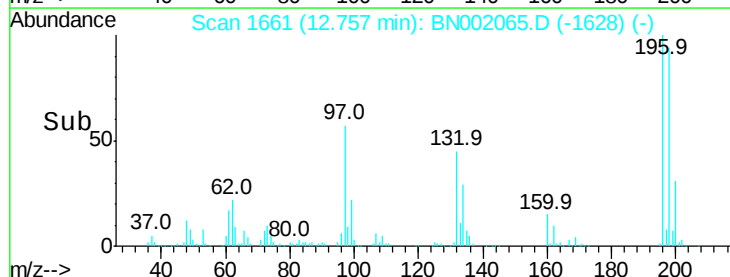
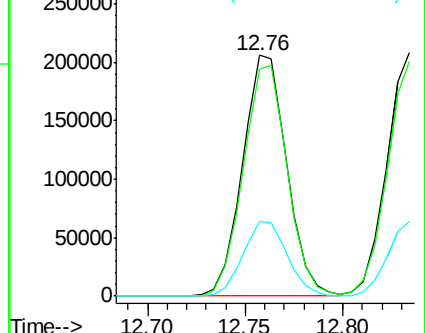
200 30.9 24.7 37.1

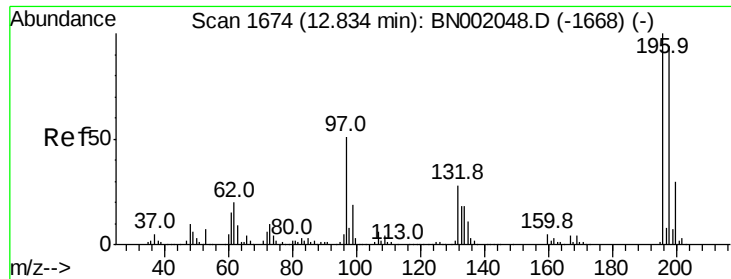


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

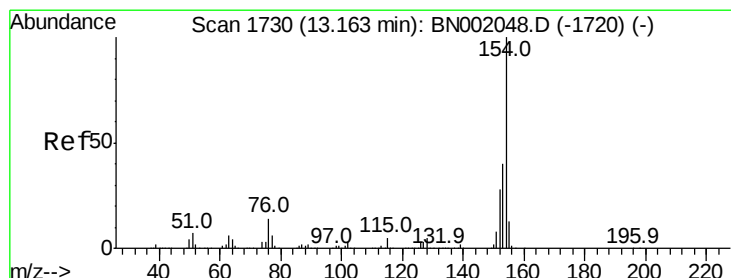
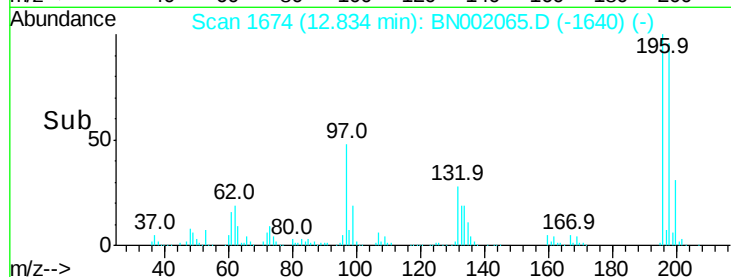
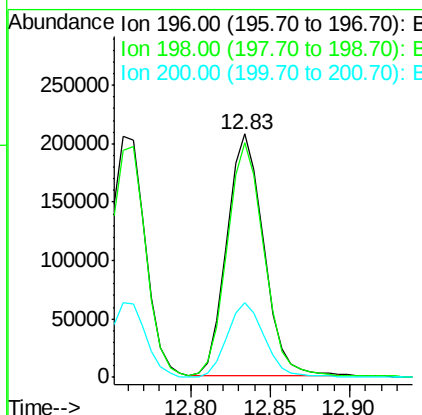
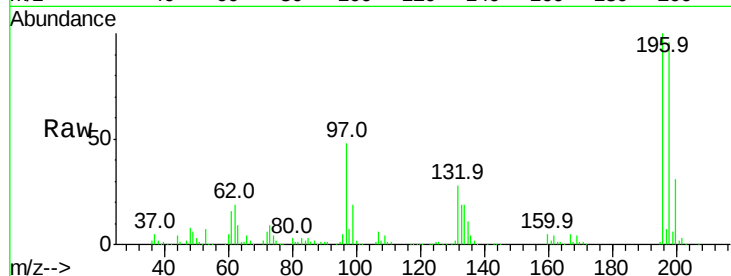




#39  
 2,4,5-Trichlorophenol  
 Concen: 19.010 ng/ul  
 RT: 12.83 min Scan# 1674  
 Delta R.T. 0.00 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

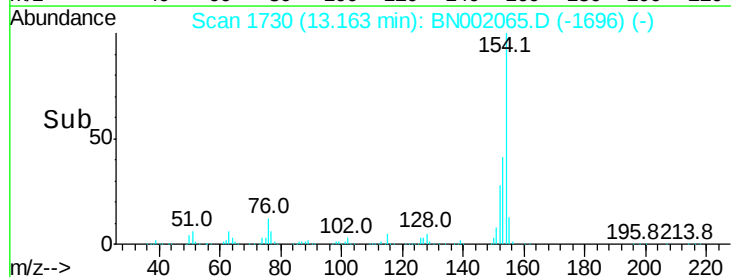
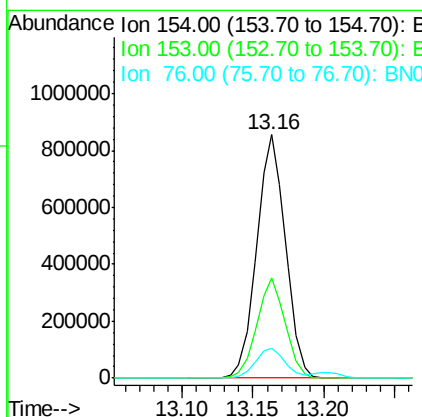
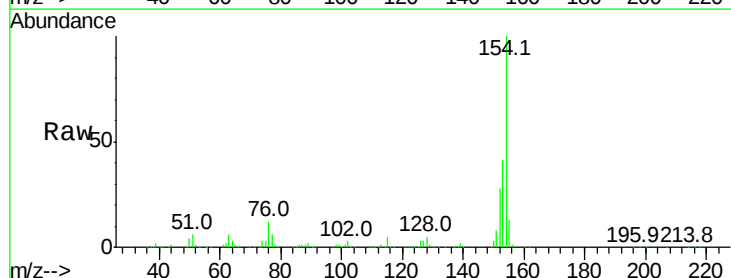
Instrument :  
 BNA\_N  
 ClientSampleId :

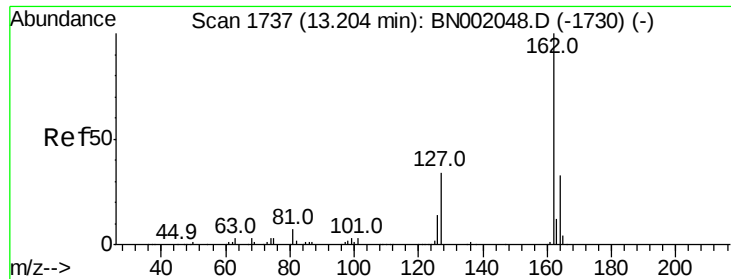
Tot Ion:196 Resp: 332726  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 76.9 115.3  
 200 30.6 25.0 37.4



#40  
 1,1'-Biphenyl  
 Concen: 19.838 ng/ul  
 RT: 13.16 min Scan# 1730  
 Delta R.T. 0.00 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

Tgt Ion:154 Resp: 1227308  
 Ion Ratio Lower Upper  
 154 100  
 153 41.1 32.1 48.1  
 76 12.3 9.5 14.3

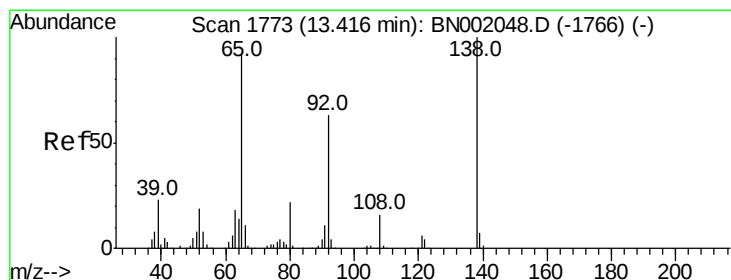
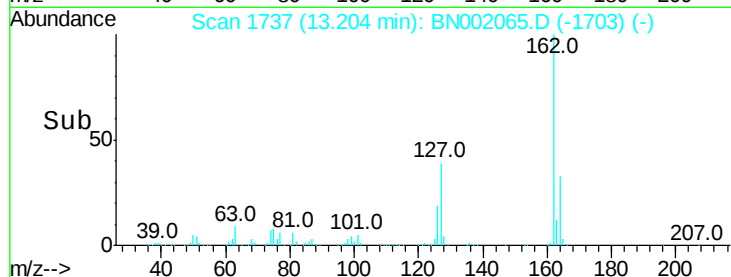
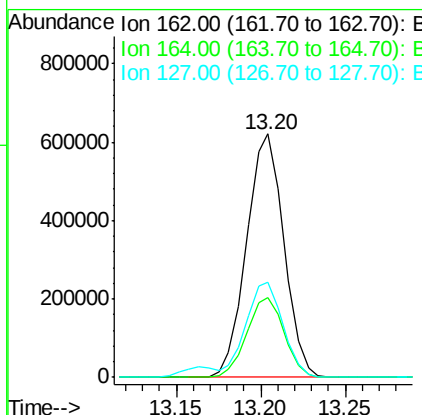
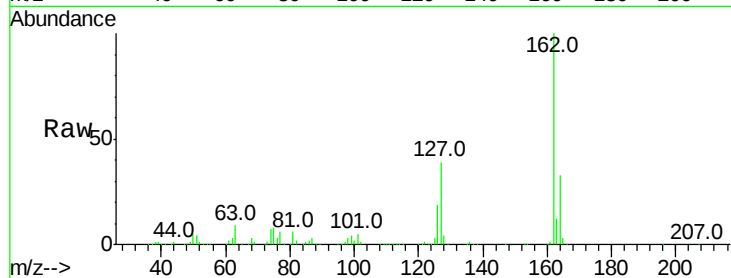




#41  
 2-Chloronaphthalene  
 Concen: 19.760 ng/ul  
 RT: 13.20 min Scan# 1737  
 Delta R.T. 0.00 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

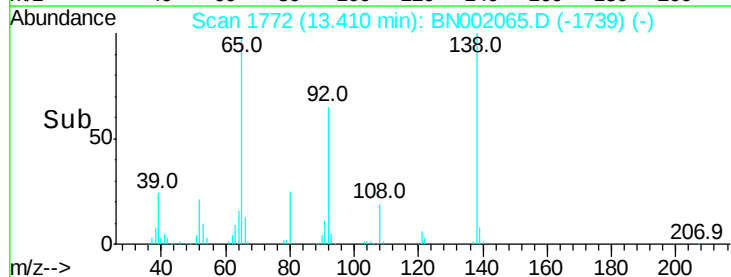
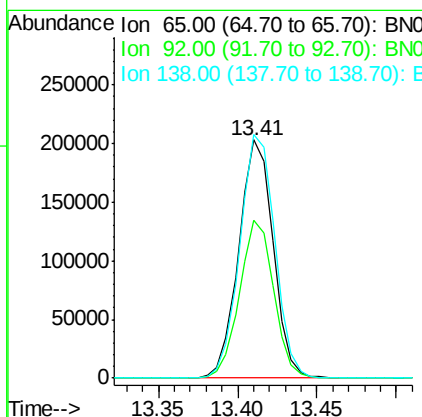
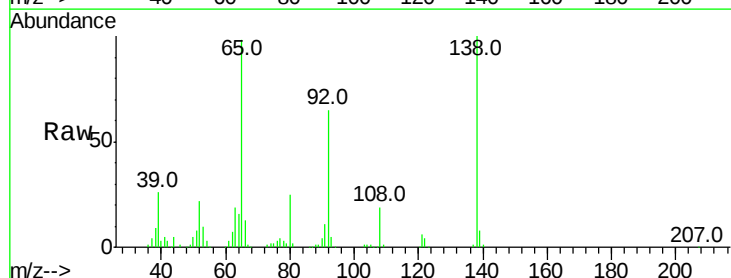
Instrument :  
 BNA\_N  
 ClientSampleId :

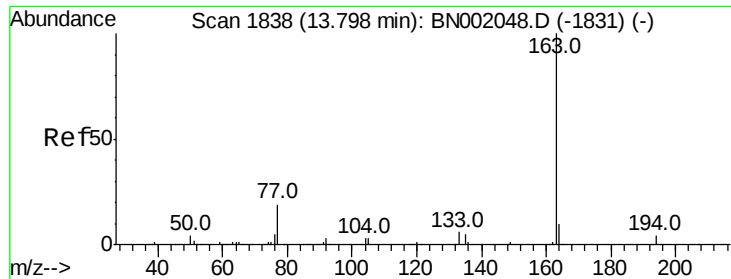
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.9  | 25.9  | 38.9  |
| 127     | 39.2  | 34.1  | 51.1  |



#42  
 2-Nitroaniline  
 Concen: 19.796 ng/ul  
 RT: 13.41 min Scan# 1772  
 Delta R.T. -0.01 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.0  | 60.4  | 90.6  |
| 138     | 102.1 | 99.8  | 149.6 |





#44

Dimethylphthalate

Concen: 19.872 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampled :

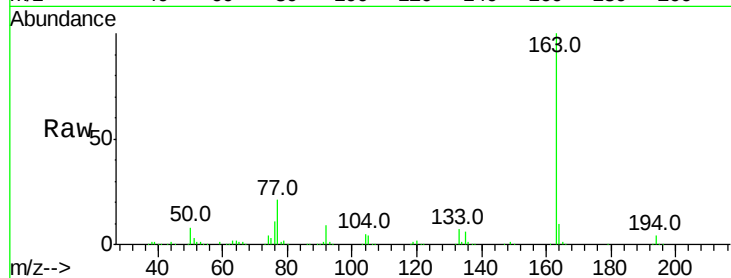
Tot Ion:163 Resp: 1226506

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

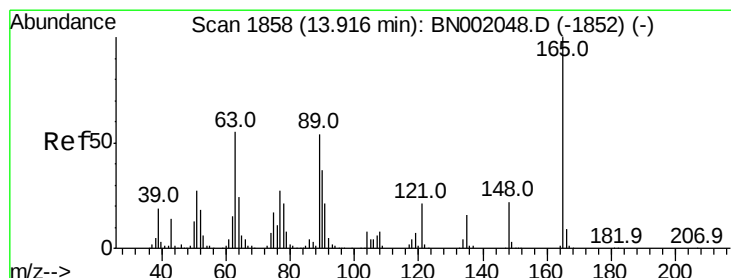
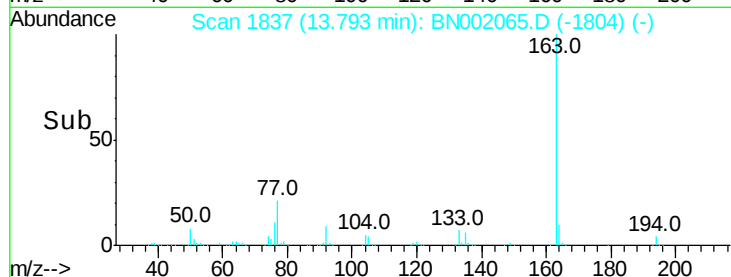
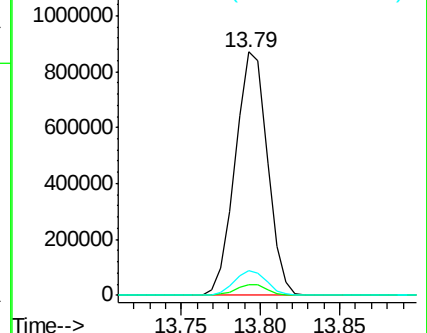
164 10.4 7.8 11.8



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



#45

2,6-Dinitrotoluene

Concen: 19.735 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

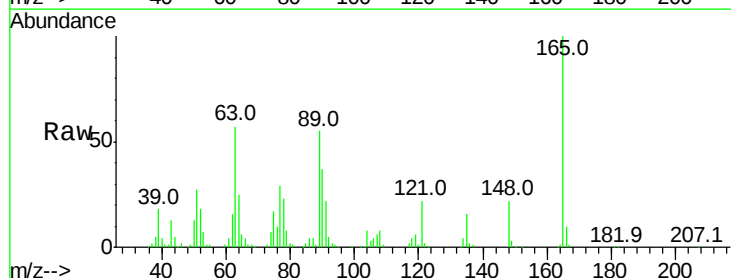
Tgt Ion:165 Resp: 257439

Ion Ratio Lower Upper

165 100

89 54.6 42.4 63.6

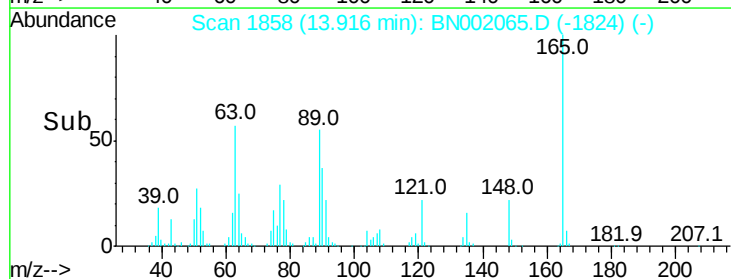
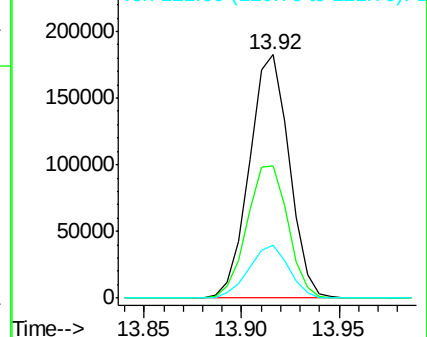
121 21.8 16.6 24.8

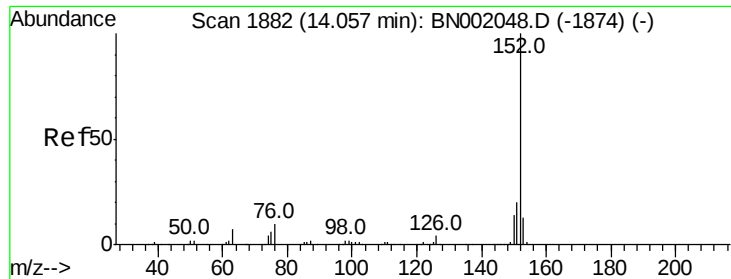


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.935 ng/ul

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

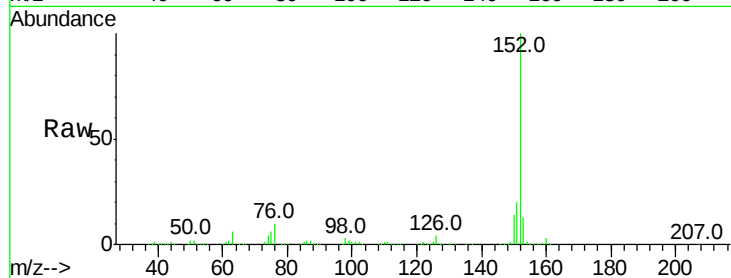
Tot Ion:152 Resp: 1500253

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

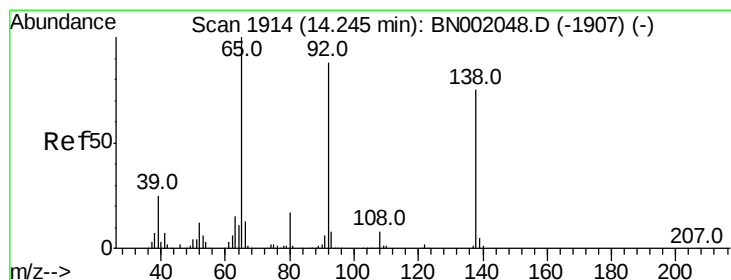
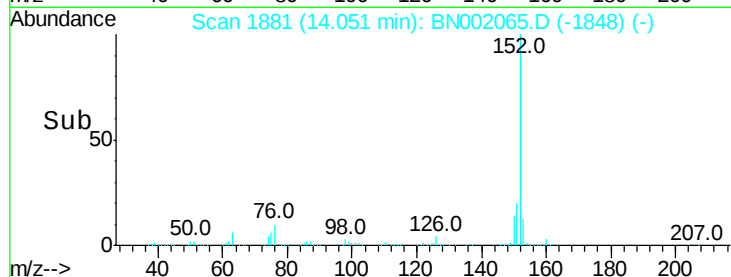
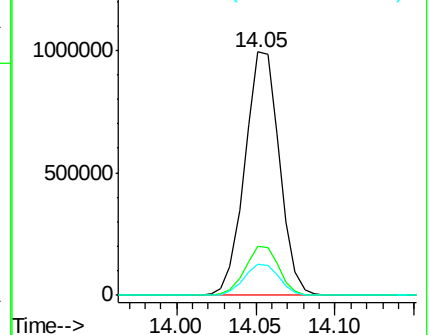
153 12.9 10.5 15.7



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



#48

3-Nitroaniline

Concen: 20.574 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

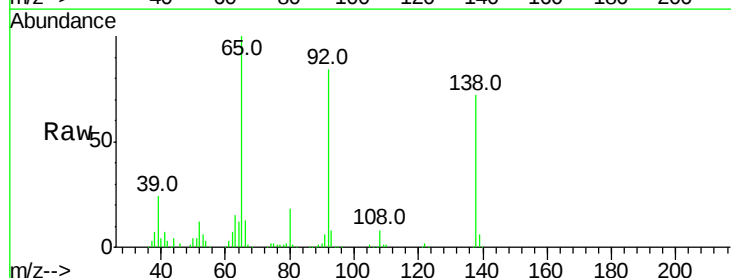
Tgt Ion:138 Resp: 264548

Ion Ratio Lower Upper

138 100

108 11.3 8.7 13.1

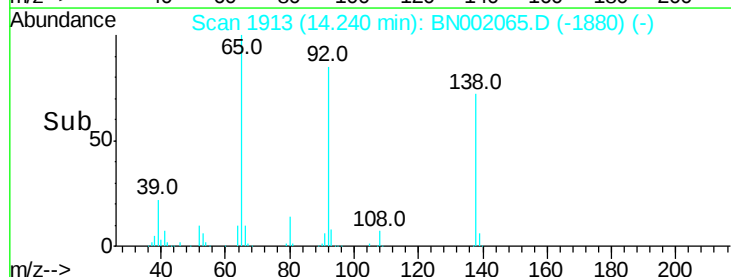
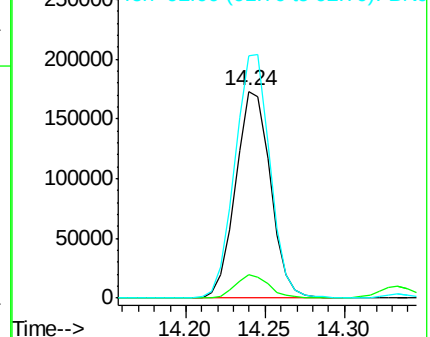
92 117.5 88.2 132.4

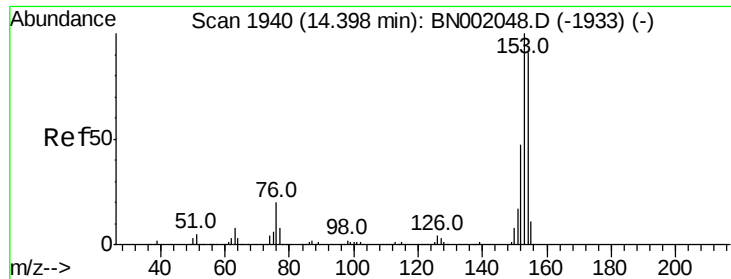


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 19.828 ng/ul

RT: 14.40 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

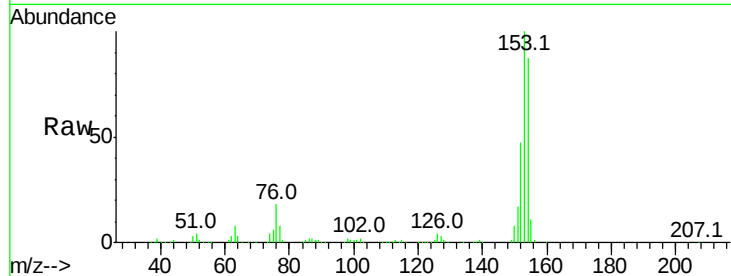
Tot Ion:153 Resp: 1029883

Ion Ratio Lower Upper

153 100

152 46.8 38.3 57.5

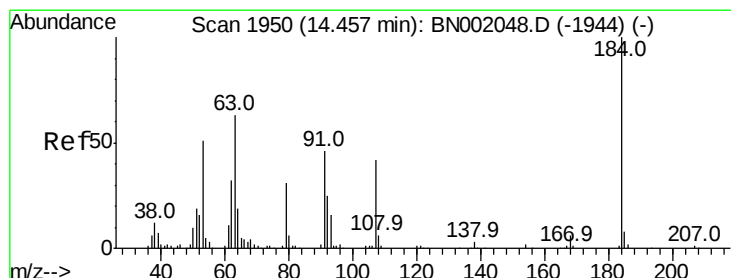
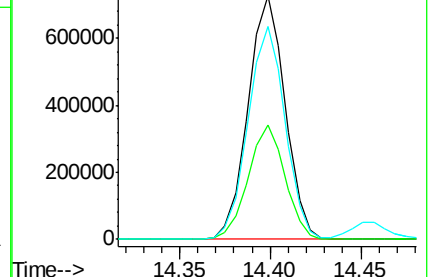
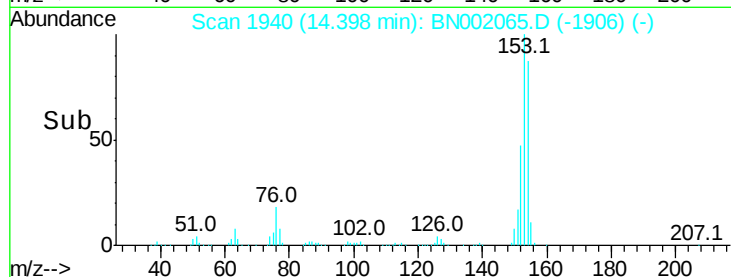
154 87.4 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 16.094 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

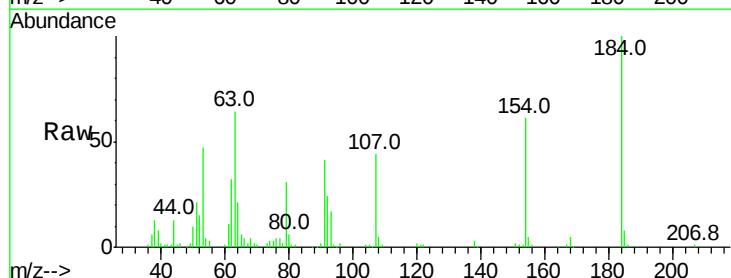
Tgt Ion:184 Resp: 123493

Ion Ratio Lower Upper

184 100

63 64.4 76.0 114.0#

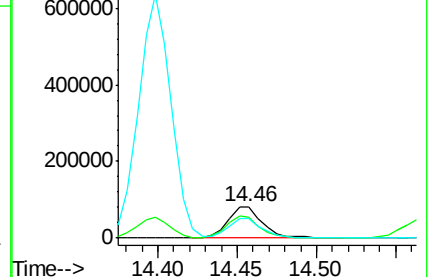
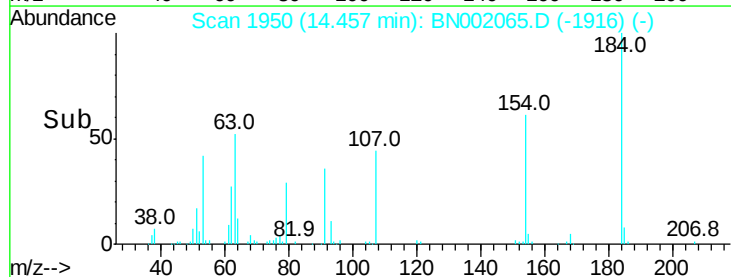
154 60.7 300.0 450.0#

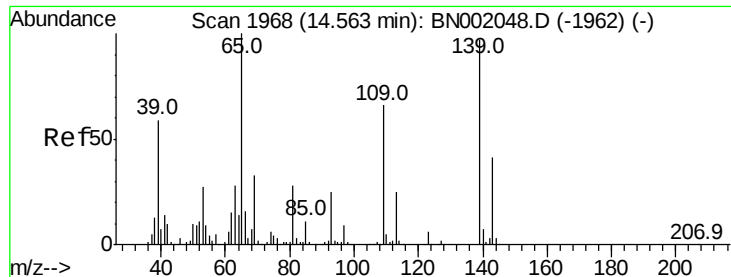


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.712 ng/ul

RT: 14.56 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

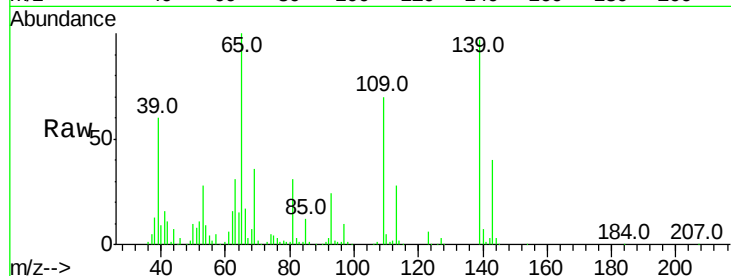
Tot Ion:109 Resp: 165854

Ion Ratio Lower Upper

109 100

139 139.8 103.7 155.5

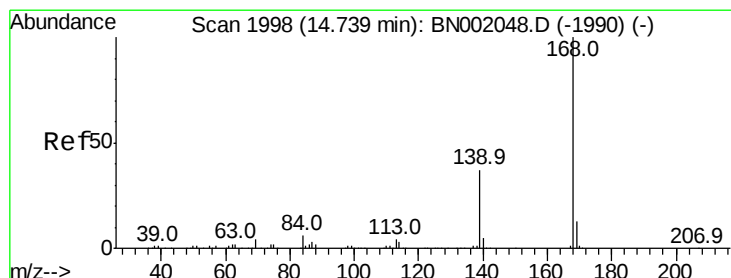
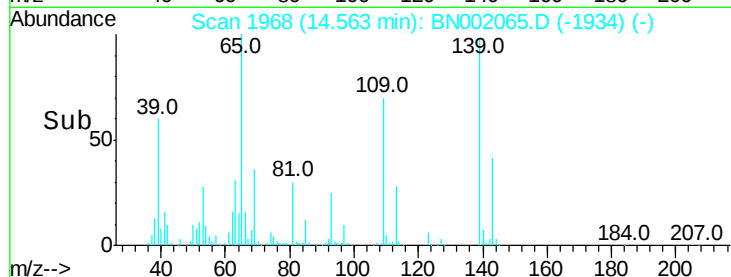
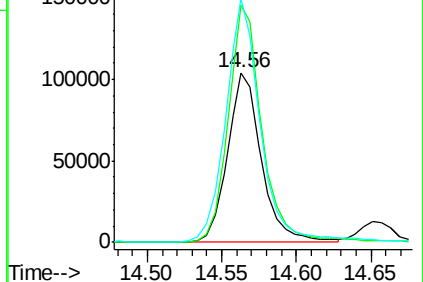
65 143.7 89.4 134.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#53

Dibenzofuran

Concen: 19.984 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BN002065.D

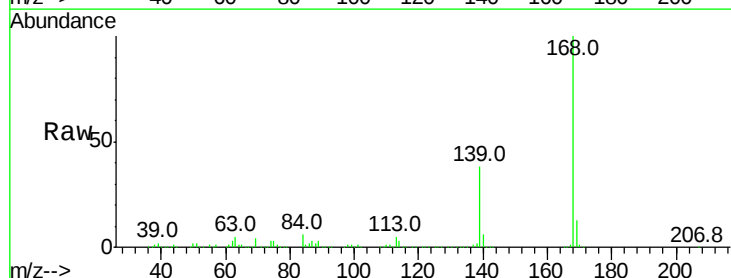
Acq: 19 Jul 2018 10:36

Tgt Ion:168 Resp: 1466639

Ion Ratio Lower Upper

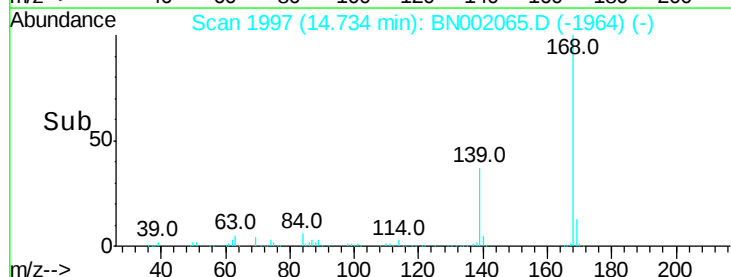
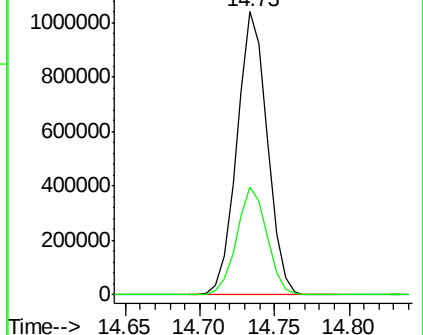
168 100

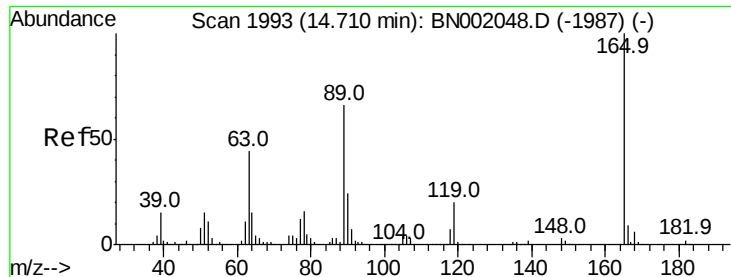
139 37.9 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.176 ng/ul

RT: 14.70 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

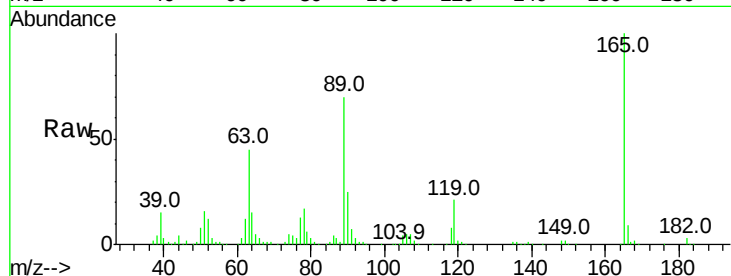
Tot Ion:165 Resp: 381729

Ion Ratio Lower Upper

165 100

63 44.8 29.8 44.6#

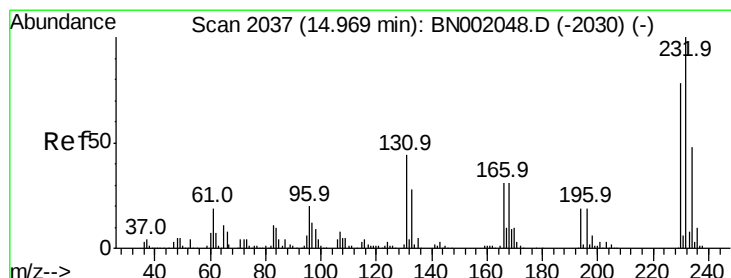
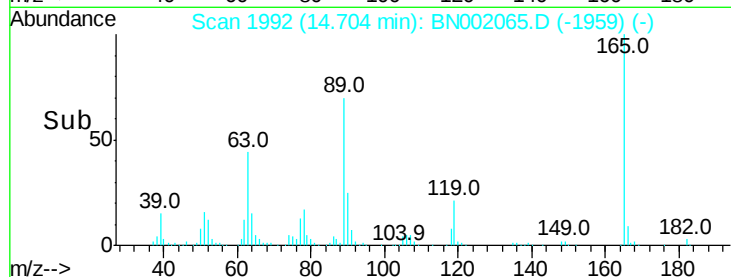
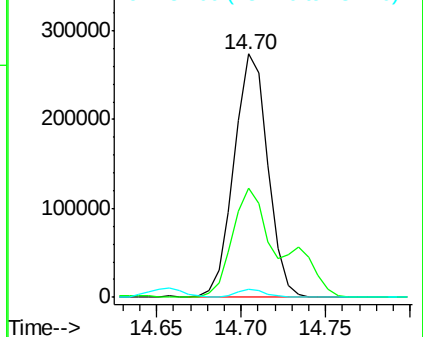
182 3.1 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.556 ng/ul

RT: 14.96 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Tgt Ion:232 Resp: 300553

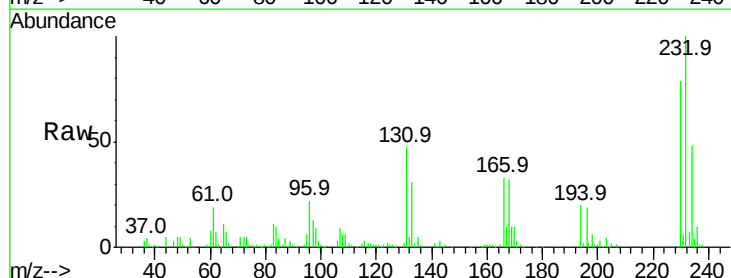
Ion Ratio Lower Upper

232 100

131 46.6 39.4 59.2

130 2.1 2.2 3.2#

166 33.2 26.6 39.8

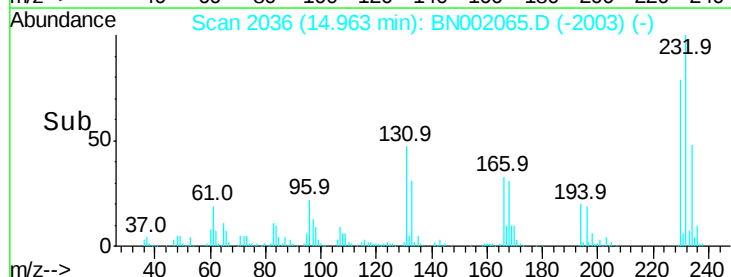
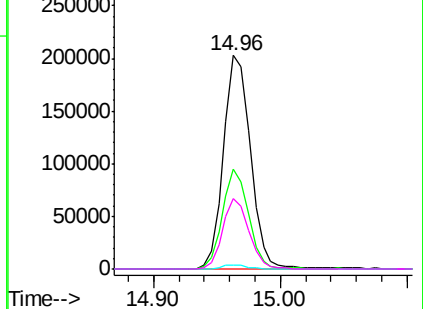


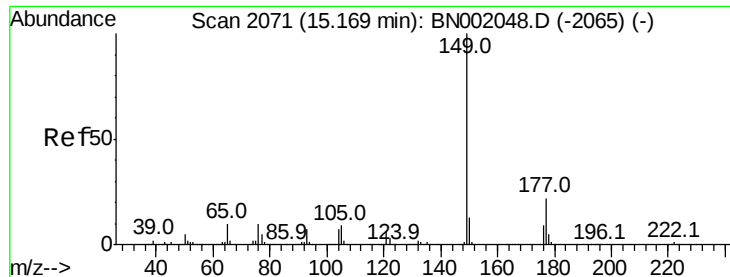
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 20.041 ng/ul

RT: 15.16 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

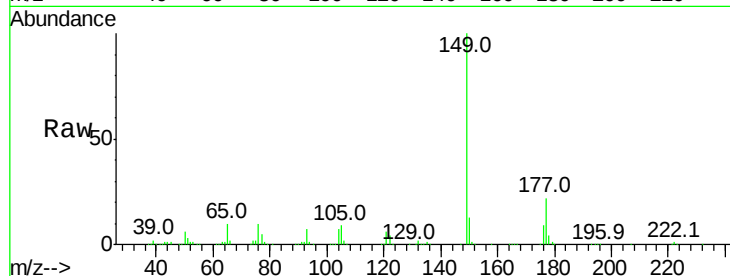
Tot Ion:149 Resp: 1256036

Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.2

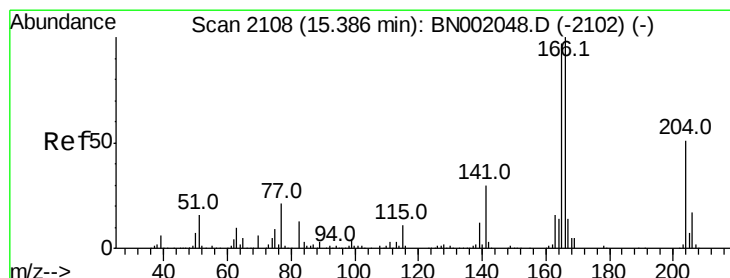
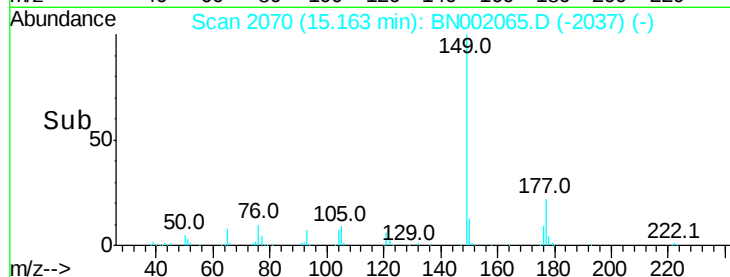
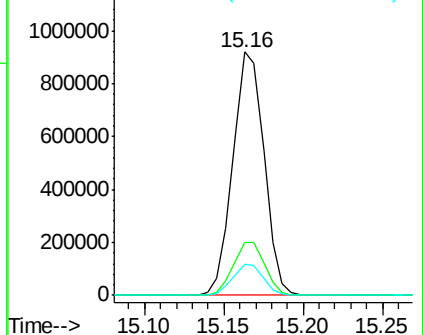
150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 20.172 ng/ul

RT: 15.39 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

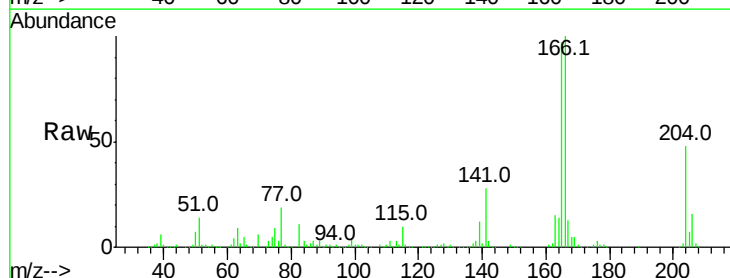
Tgt Ion:166 Resp: 1181852

Ion Ratio Lower Upper

166 100

165 97.4 78.5 117.7

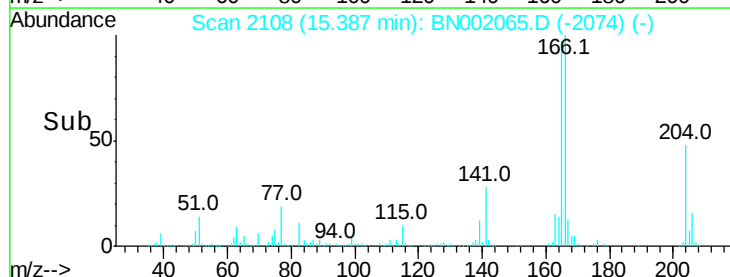
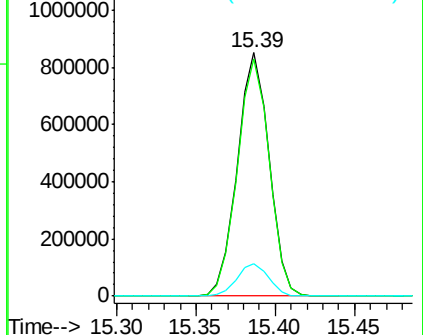
167 13.4 10.7 16.1

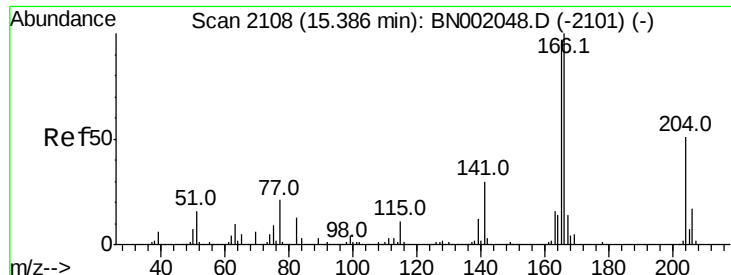


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

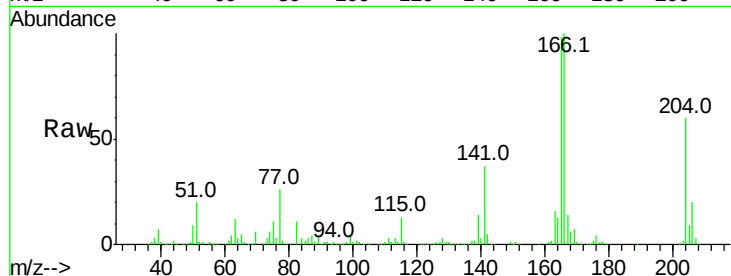




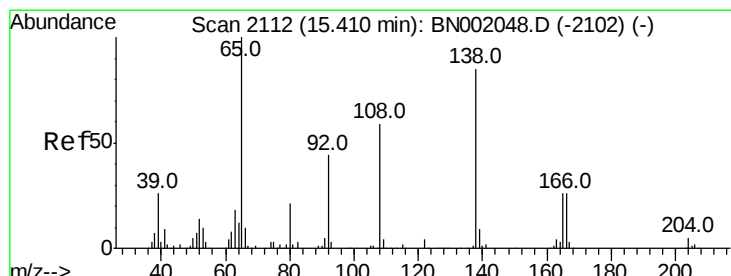
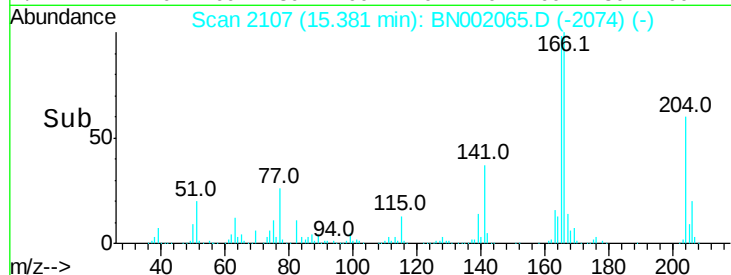
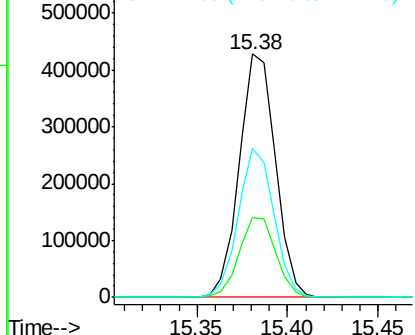
#59  
4-Chlorophenyl-phenylether  
Concen: 20.416 ng/ul  
RT: 15.38 min Scan# 2107  
Delta R.T. -0.01 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:204 Resp: 594128  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.2 39.4  
141 61.1 54.6 81.8

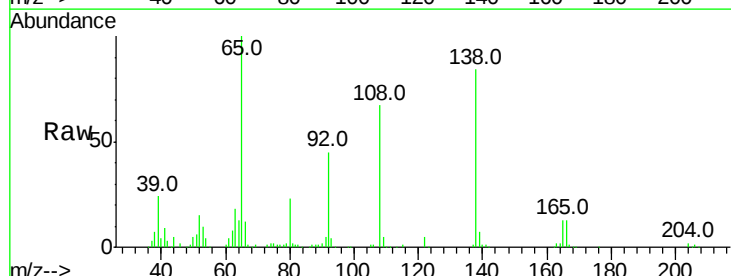


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

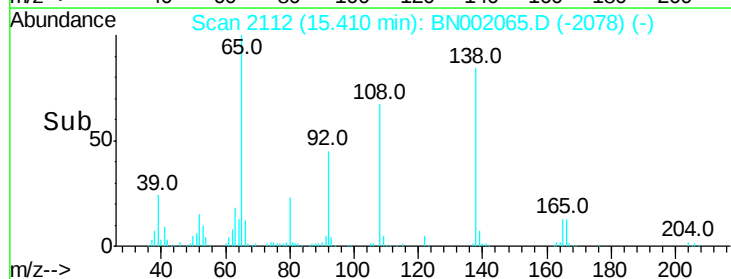
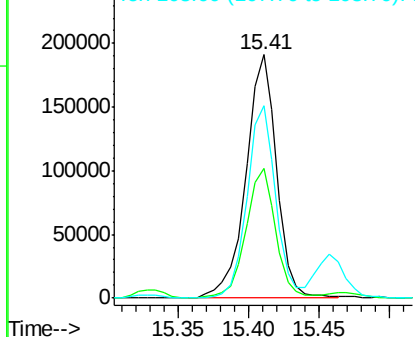


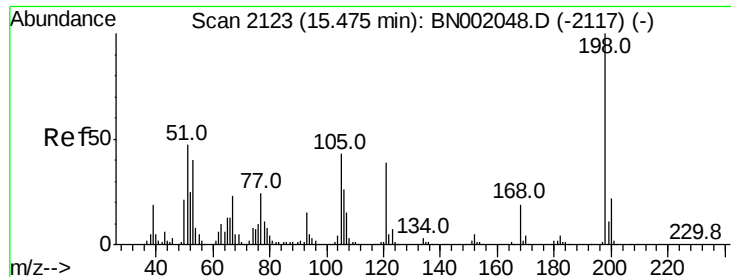
#60  
4-Nitroaniline  
Concen: 19.609 ng/ul  
RT: 15.41 min Scan# 2112  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Tgt Ion:138 Resp: 291920  
Ion Ratio Lower Upper  
138 100  
92 53.5 40.6 60.8  
108 79.2 67.0 100.6



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





#63

4,6-Dinitro-2-methylphenol

Concen: 18.448 ng/ul

RT: 15.47 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

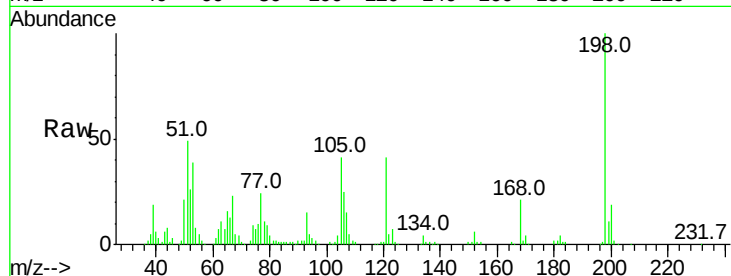
Tot Ion:198 Resp: 214591

Ion Ratio Lower Upper

198 100

182 3.5 3.1 4.7

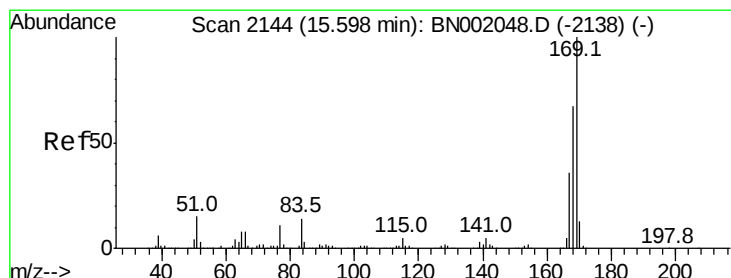
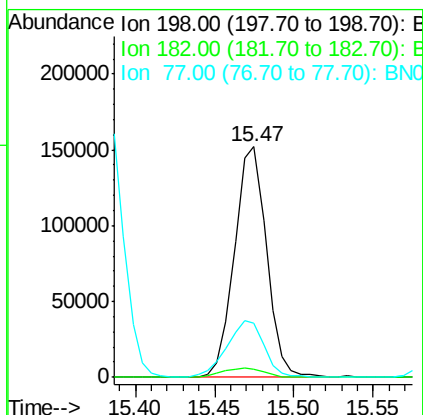
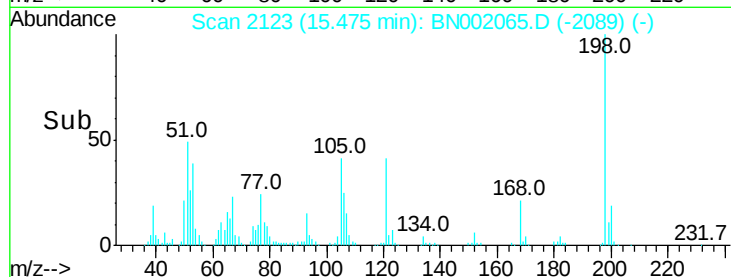
77 23.7 20.1 30.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC



#64

N-Nitrosodiphenylamine

Concen: 19.634 ng/ul

RT: 15.60 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

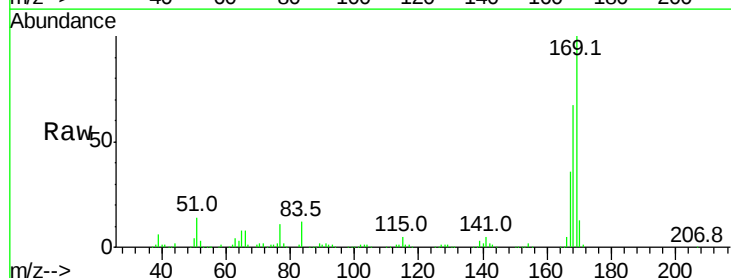
Tgt Ion:169 Resp: 1035873

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.8

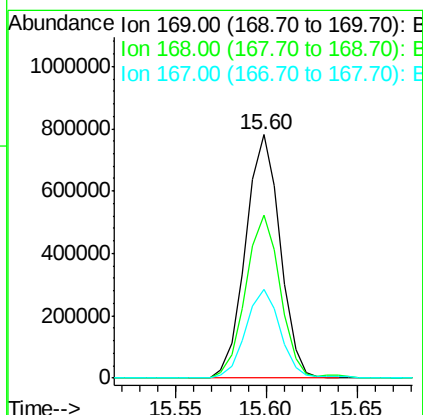
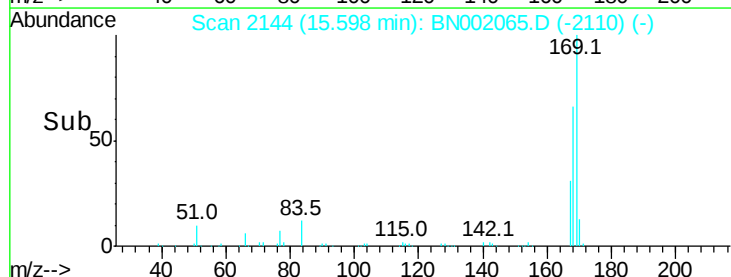
167 36.2 29.3 43.9

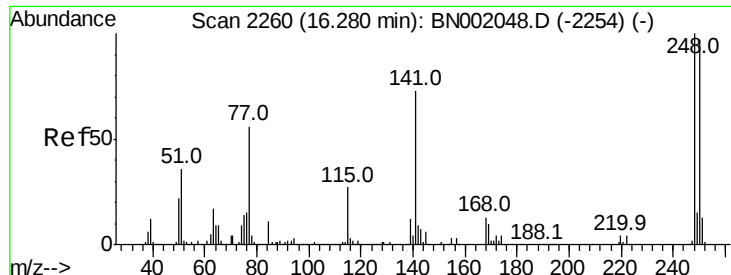


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

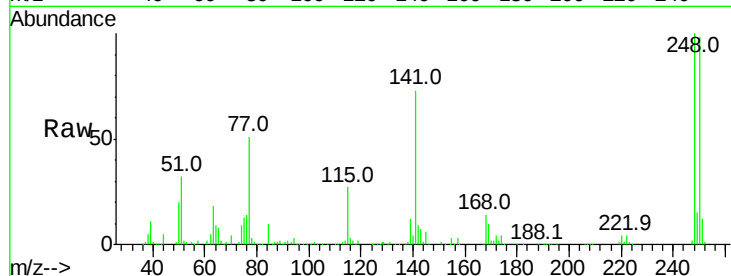




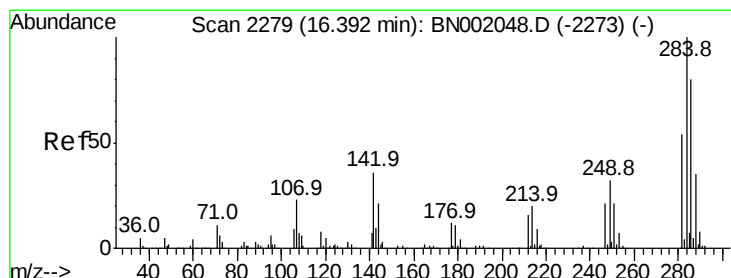
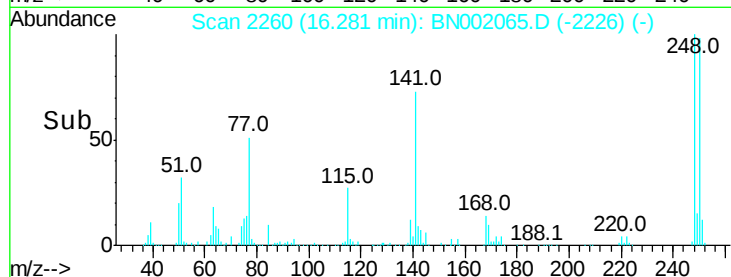
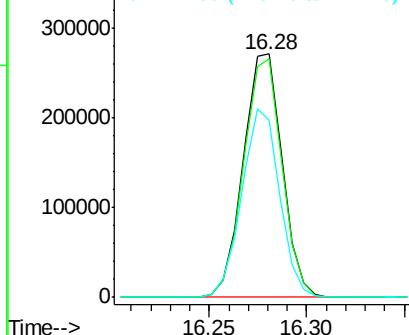
#65  
4-Bromophenyl-phenylether  
Concen: 19.799 ng/ul  
RT: 16.28 min Scan# 2260  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:248 Resp: 375797  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.7 118.1  
141 72.6 72.2 108.2

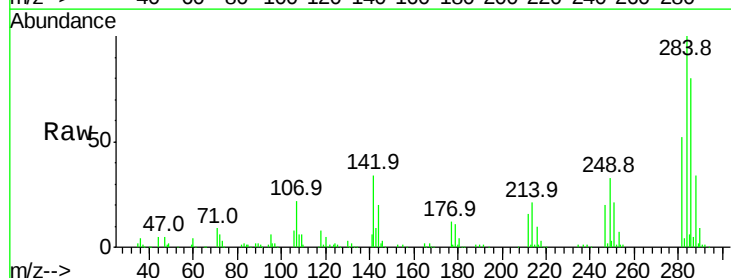


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

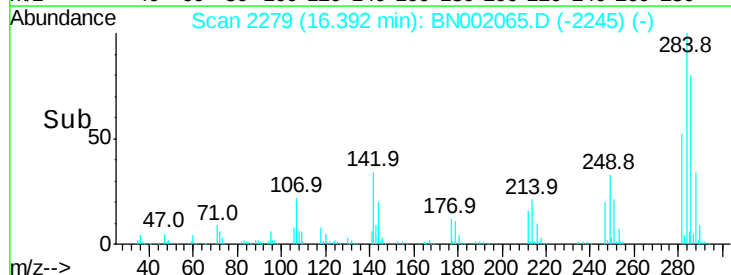
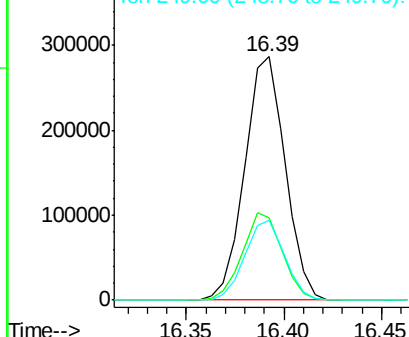


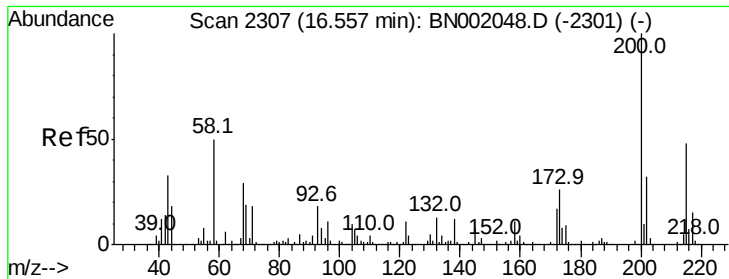
#66  
Hexachlorobenzene  
Concen: 19.575 ng/ul  
RT: 16.39 min Scan# 2279  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Tgt Ion:284 Resp: 411148  
Ion Ratio Lower Upper  
284 100  
142 33.7 33.1 49.7  
249 33.0 27.1 40.7



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

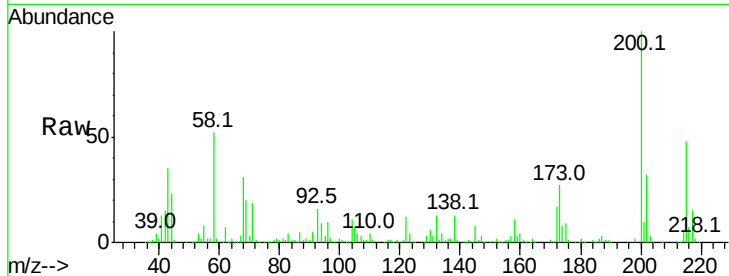




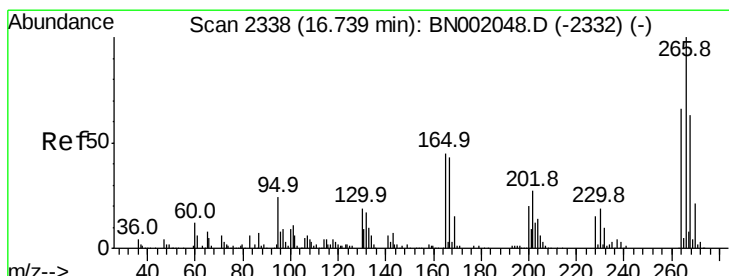
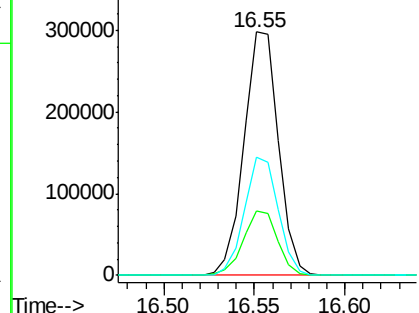
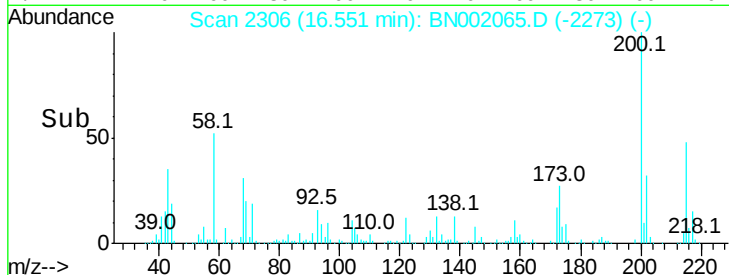
#67  
Atrazine  
Concen: 20.681 ng/ul  
RT: 16.55 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.7  | 21.6  | 32.4  |
| 215     | 48.4  | 37.0  | 55.4  |

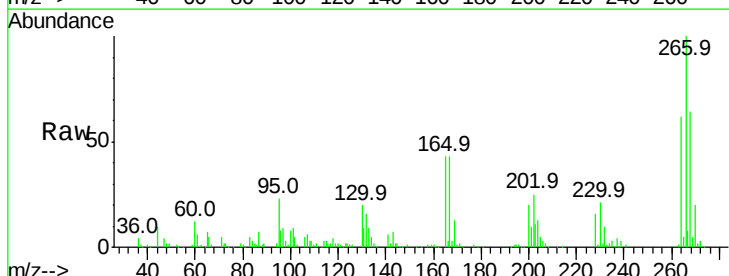


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

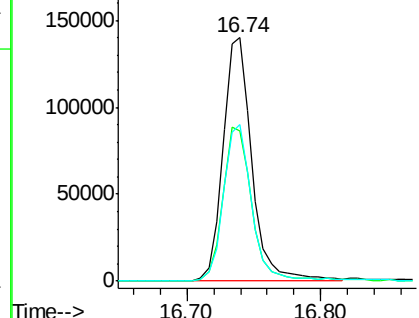
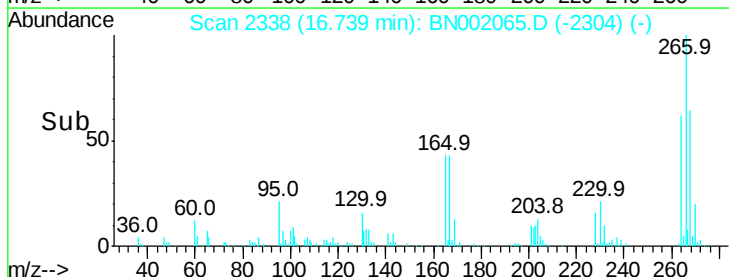


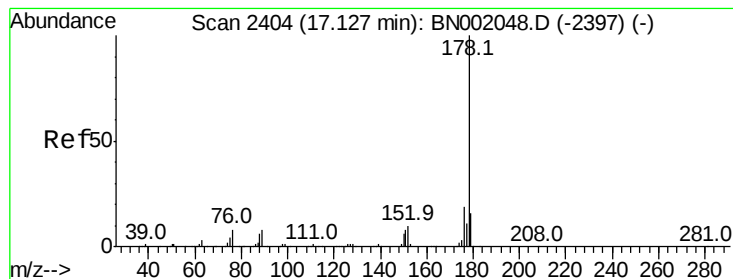
#68  
Pentachlorophenol  
Concen: 17.871 ng/ul  
RT: 16.74 min Scan# 2338  
Delta R.T. 0.00 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 61.9  | 50.5  | 75.7  |
| 268     | 64.4  | 50.9  | 76.3  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 264.00 (263.70 to 264.70): E  
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.849 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

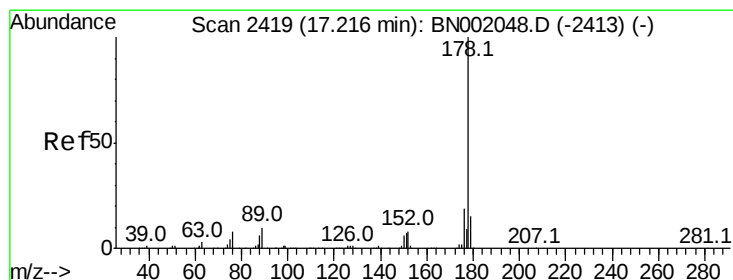
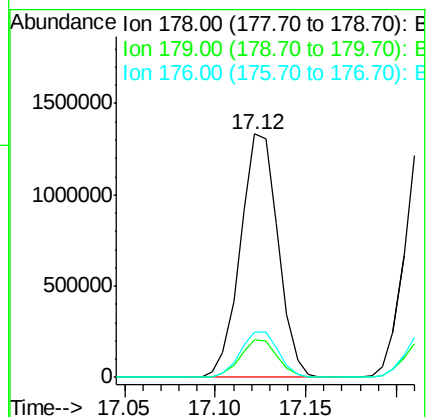
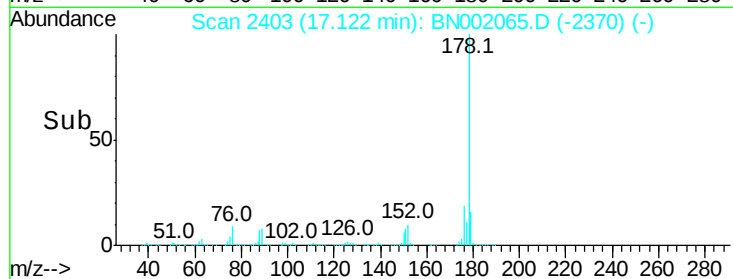
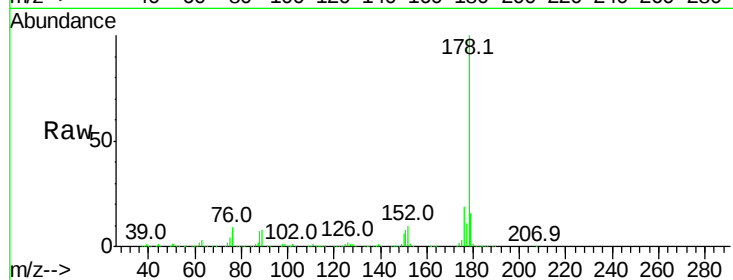
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:178 Resp: 1922716

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.6  | 12.2  | 18.4  |
| 176 | 18.6  | 15.6  | 23.4  |



#71

Anthracene

Concen: 20.189 ng/ul

RT: 17.22 min Scan# 2419

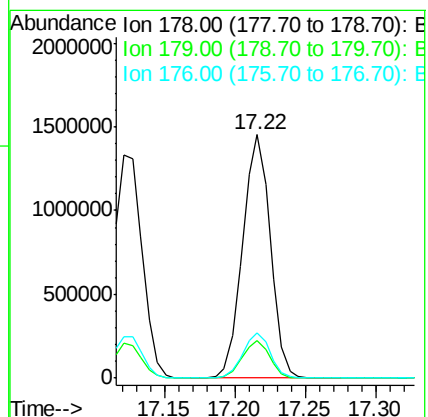
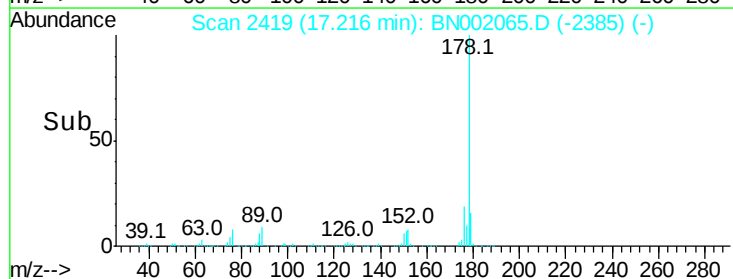
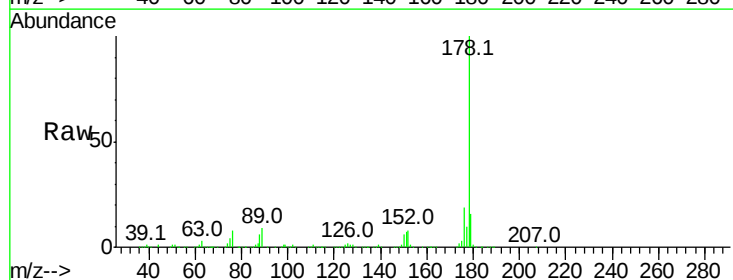
Delta R.T. 0.00 min

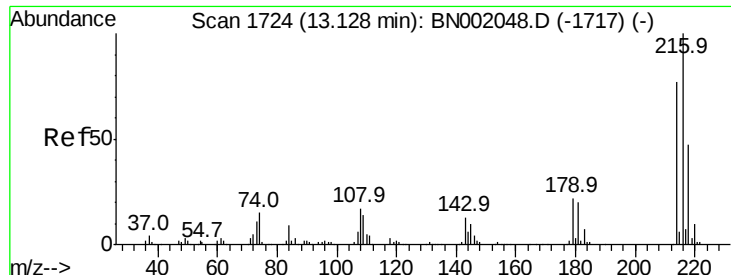
Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Tgt Ion:178 Resp: 1991763

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.6  | 12.1  | 18.1  |
| 176 | 18.5  | 14.8  | 22.2  |





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.599 ng/uL

RT: 13.13 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

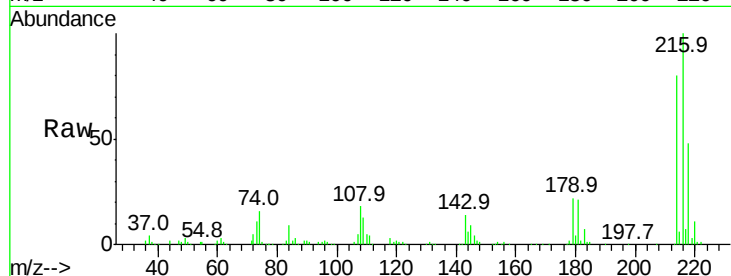
Tot Ion:216 Resp: 504093

Ion Ratio Lower Upper

216 100

214 80.1 62.5 93.7

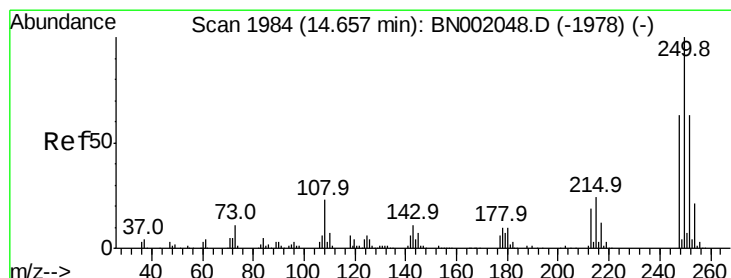
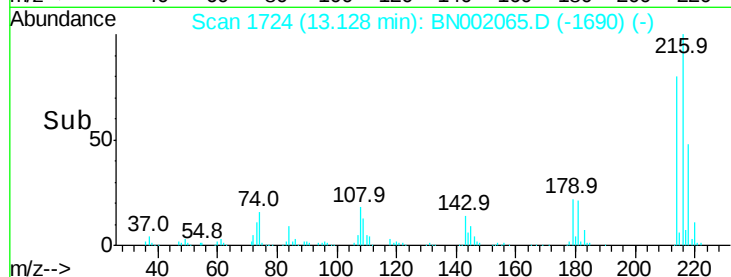
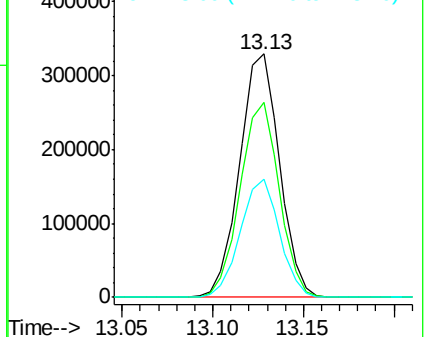
218 48.4 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.692 ng/uL

RT: 14.66 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

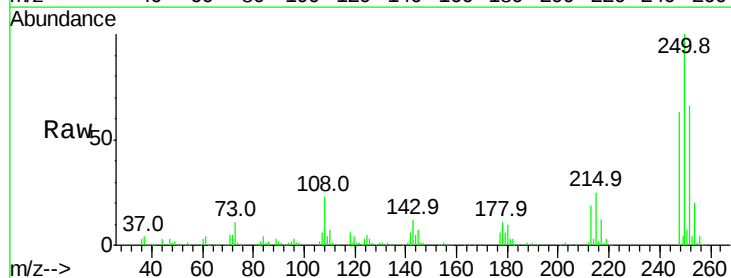
Tgt Ion:250 Resp: 473758

Ion Ratio Lower Upper

250 100

248 62.6 50.6 75.8

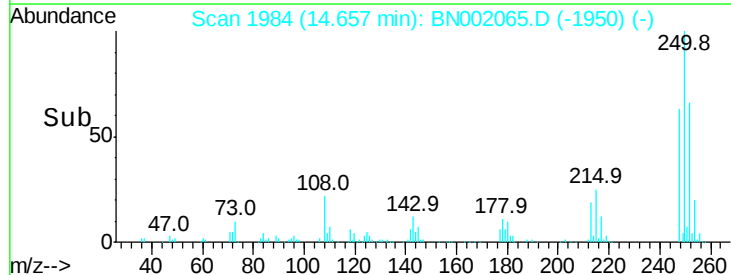
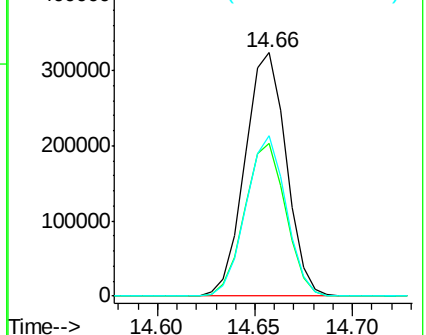
252 66.0 51.4 77.0

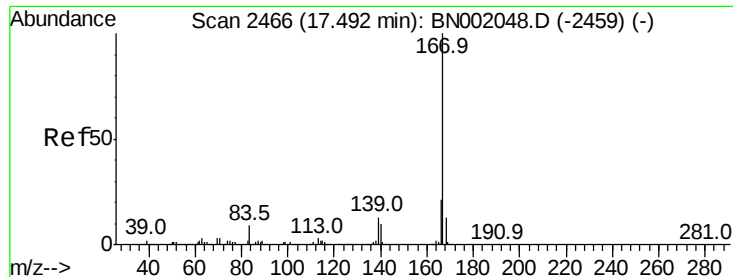


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 21.137 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

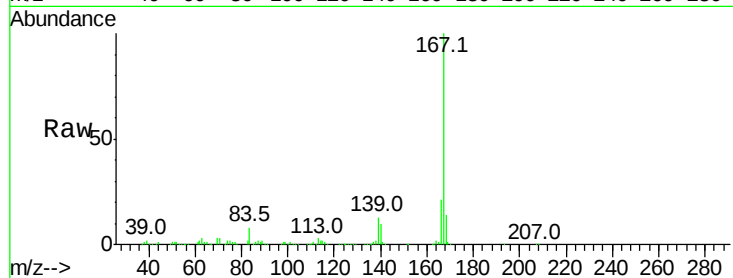
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:167 Resp: 1763918

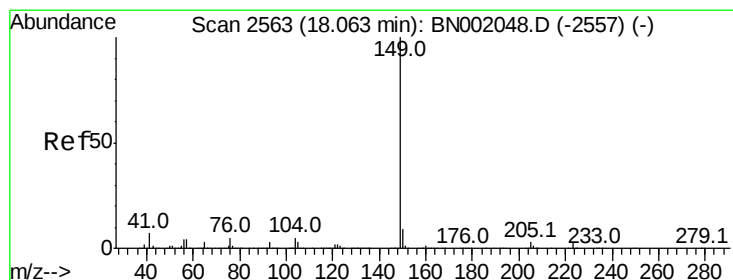
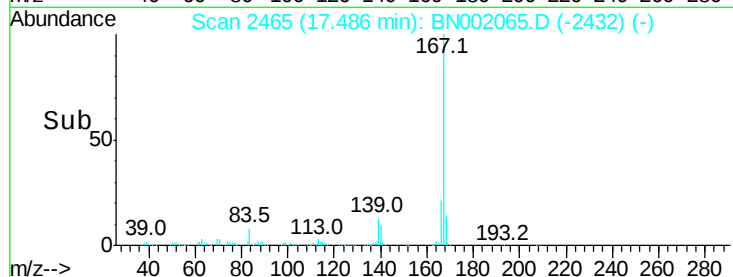
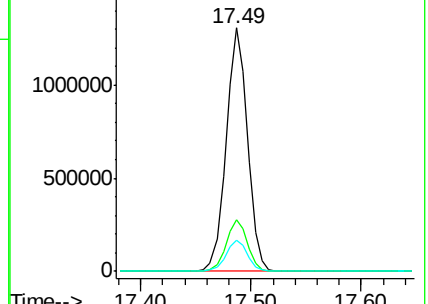
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.4  | 17.0  | 25.6  |
| 139 | 13.0  | 11.0  | 16.4  |



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



#75

Di-n-butylphthalate

Concen: 19.839 ng/ul

RT: 18.06 min Scan# 2562

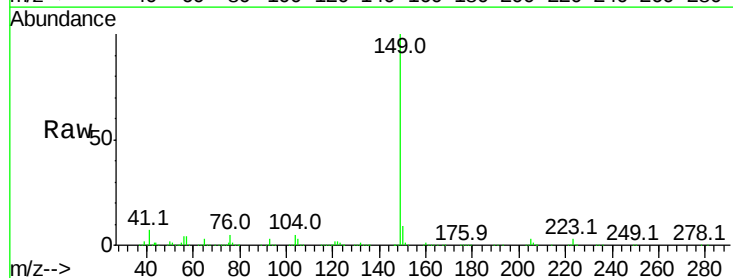
Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Tgt Ion:149 Resp: 2189100

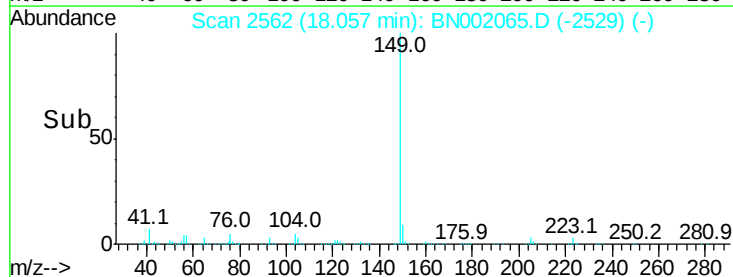
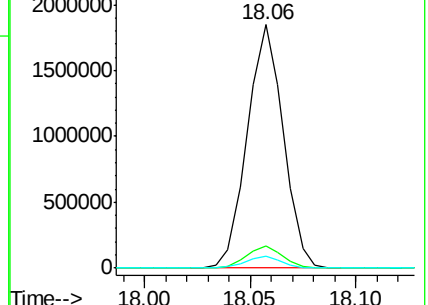
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.4   | 11.0  |
| 104 | 4.8   | 4.0   | 6.0   |

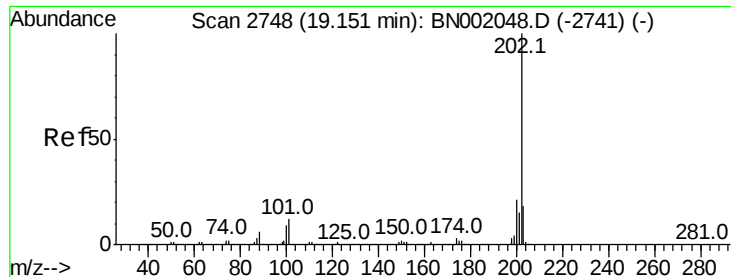


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

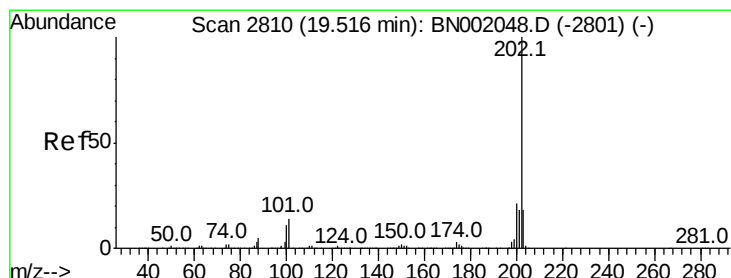
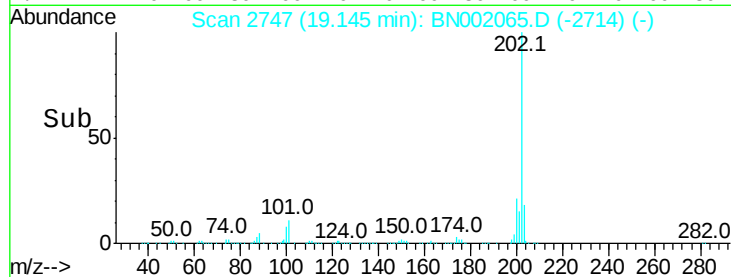
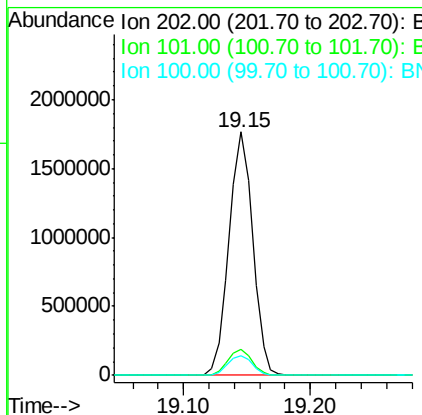
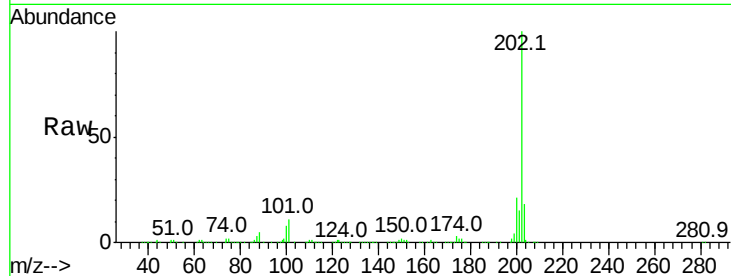




#76  
 Fluoranthene  
 Concen: 22.216 ng/ul  
 RT: 19.15 min Scan# 2747  
 Delta R.T. -0.01 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

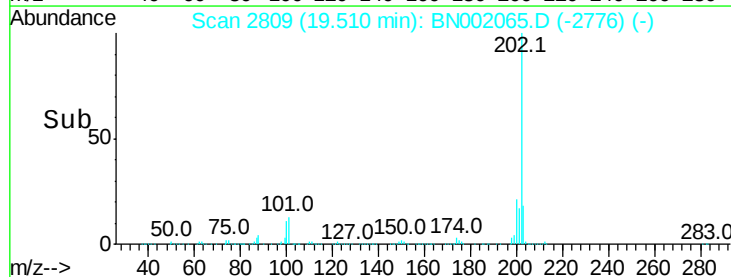
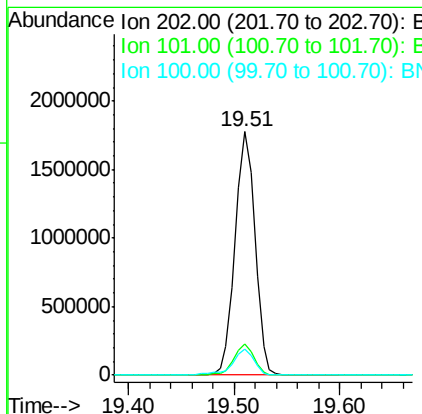
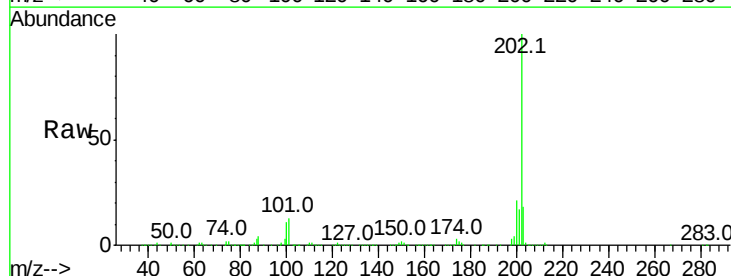
Instrument :  
 BNA\_N  
 ClientSampleId :

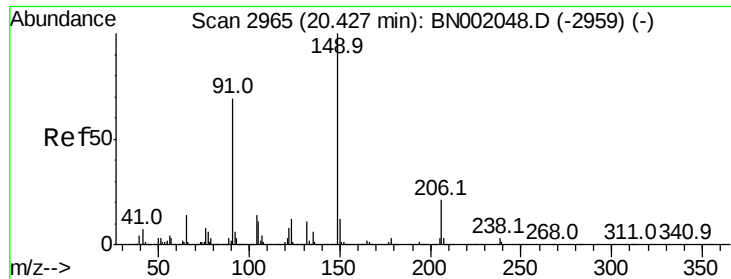
Tot Ion:202 Resp: 2283860  
 Ion Ratio Lower Upper  
 202 100  
 101 10.6 8.8 13.2  
 100 7.9 6.6 9.8



#79  
 Pyrene  
 Concen: 19.825 ng/ul  
 RT: 19.51 min Scan# 2809  
 Delta R.T. -0.01 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

Tgt Ion:202 Resp: 2302523  
 Ion Ratio Lower Upper  
 202 100  
 101 12.8 10.2 15.2  
 100 10.5 8.5 12.7

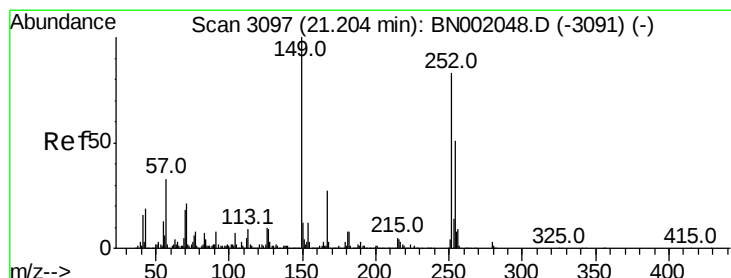
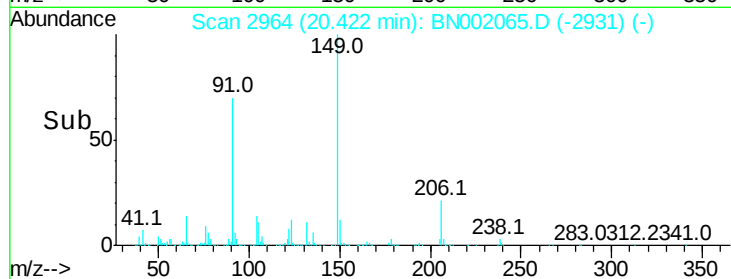
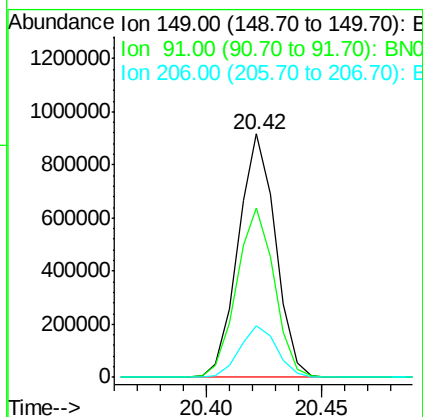
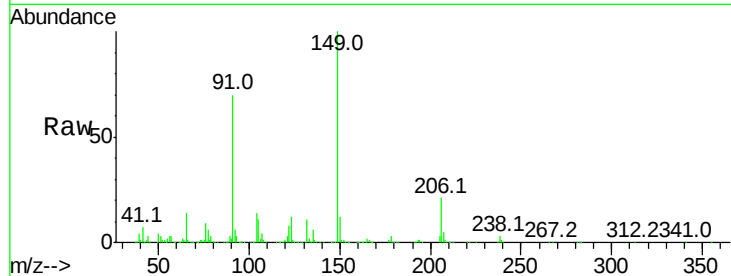




#80  
 Butylbenzylphthalate  
 Concen: 18.703 ng/ul  
 RT: 20.42 min Scan# 2964  
 Delta R.T. -0.01 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

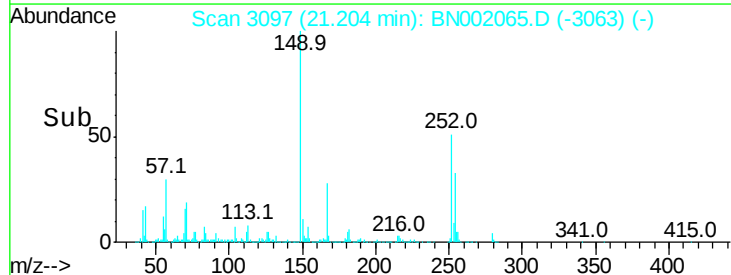
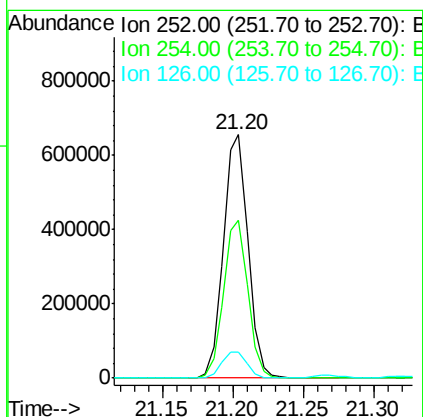
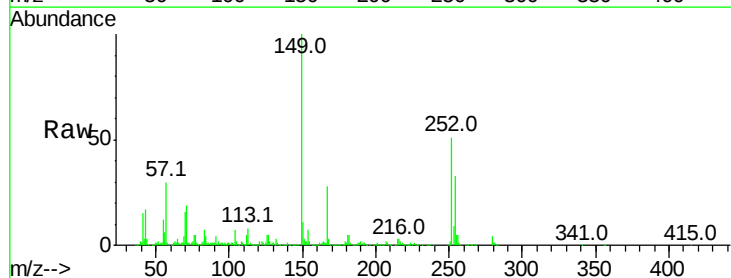
Instrument :  
 BNA\_N  
 ClientSampleId :

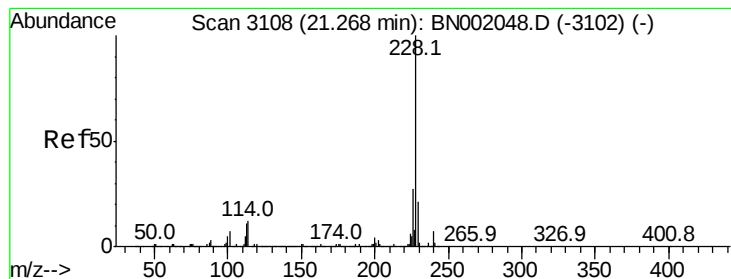
Tot Ion:149 Resp: 1031779  
 Ion Ratio Lower Upper  
 149 100  
 91 69.6 53.4 80.2  
 206 21.4 16.6 24.8



#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.720 ng/ul  
 RT: 21.20 min Scan# 3097  
 Delta R.T. 0.00 min  
 Lab File: BN002065.D  
 Acq: 19 Jul 2018 10:36

Tgt Ion:252 Resp: 795209  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 52.2 78.2  
 126 10.5 9.4 14.2





#82

Benzo(a)anthracene

Concen: 20.050 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampled :

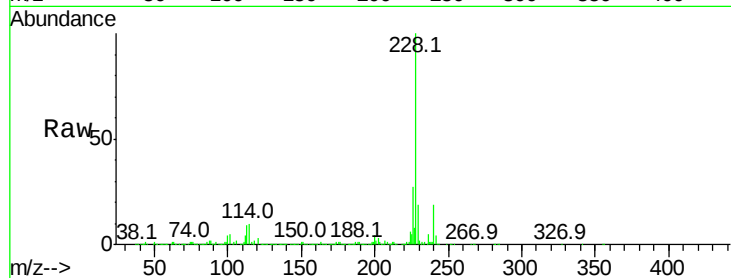
Tot Ion:228 Resp: 2311520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.2  | 15.7  | 23.5  |
| 226 | 26.7  | 21.8  | 32.6  |

228 100

229 19.2 15.7 23.5

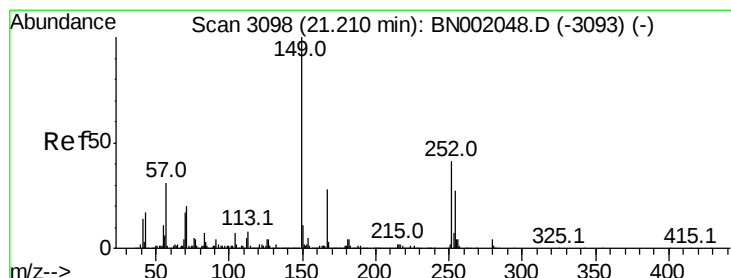
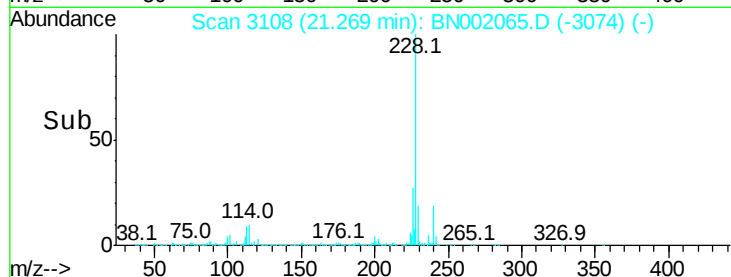
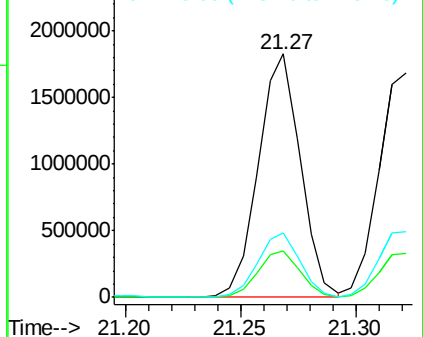
226 26.7 21.8 32.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.439 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

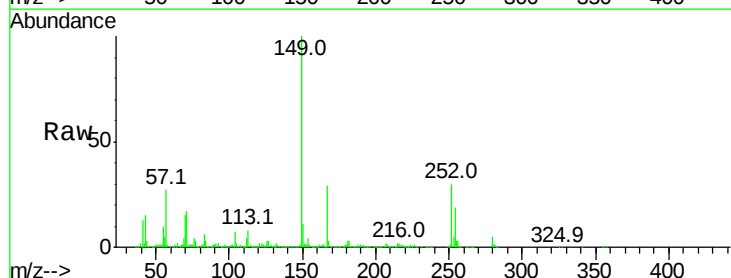
Tgt Ion:149 Resp: 1518388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.7  | 21.6  | 32.4  |
| 279 | 4.7   | 3.0   | 4.4#  |

149 100

167 28.7 21.6 32.4

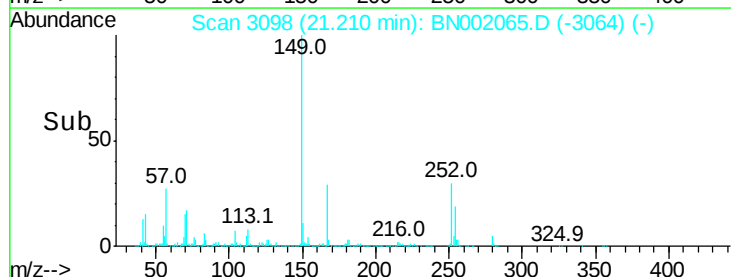
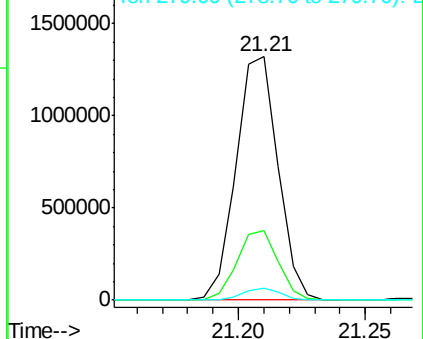
279 4.7 3.0 4.4#

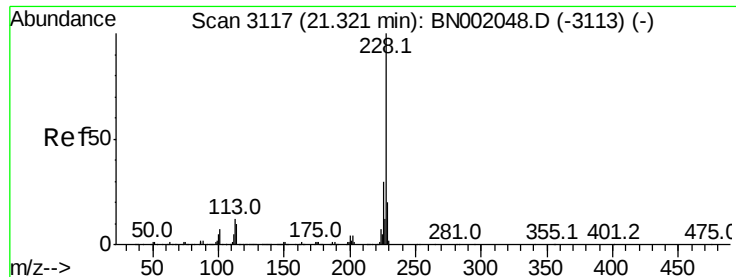


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.086 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

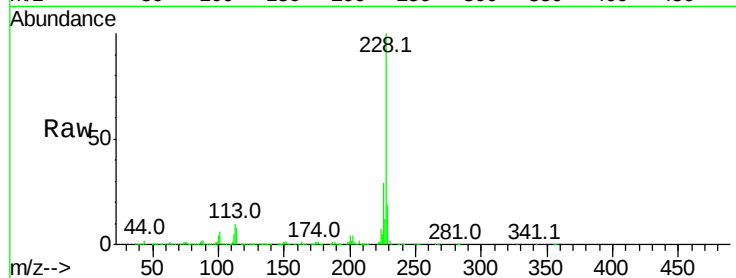
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:228 Resp: 2158204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.5  | 24.0  | 36.0  |
| 229 | 19.3  | 15.6  | 23.4  |

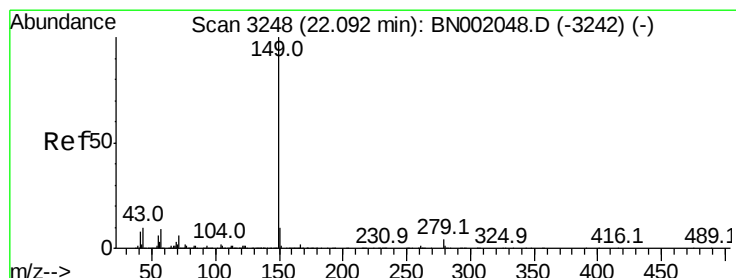
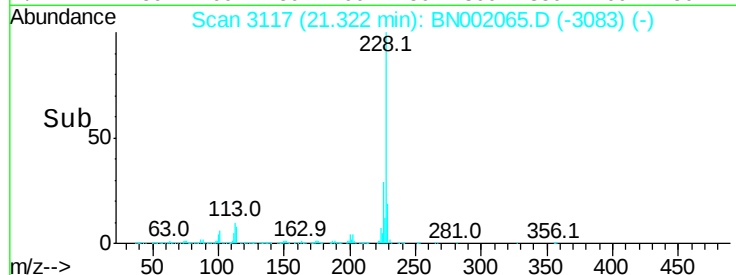
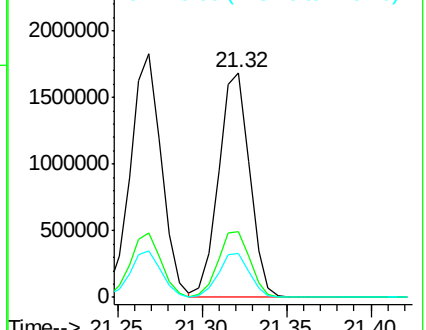


Abundance

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



#86

Di-n-octyl phthalate

Concen: 22.095 ng/ul

RT: 22.09 min Scan# 3248

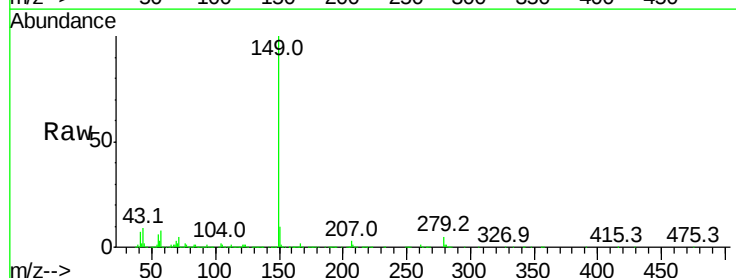
Delta R.T. 0.00 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Tgt Ion:149 Resp: 2617107

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 9.1   | 5.6   | 8.4   |

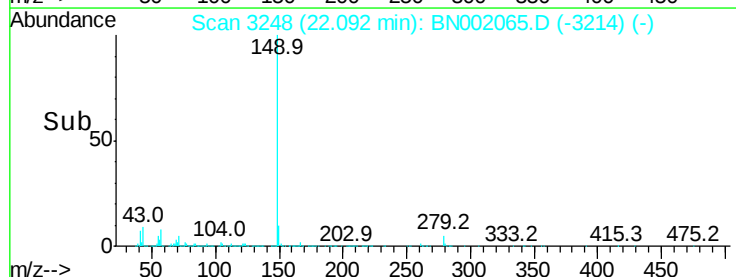
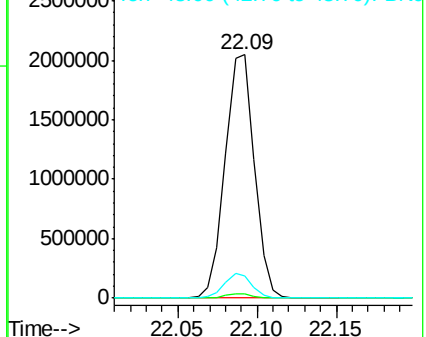


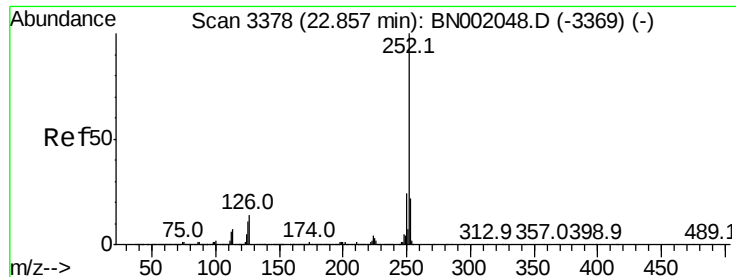
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 20.976 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

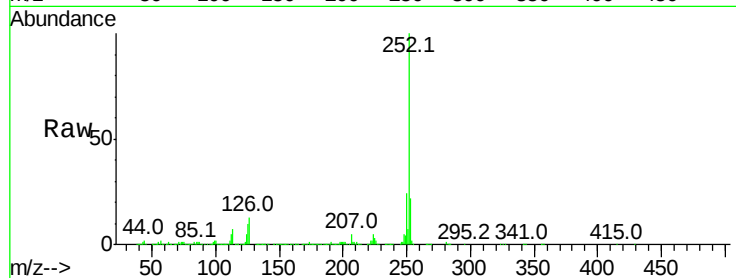
Tot Ion:252 Resp: 2328316

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

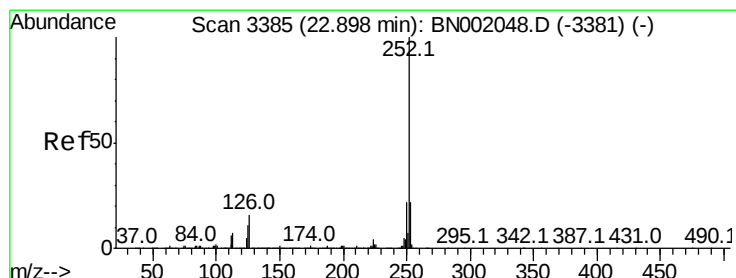
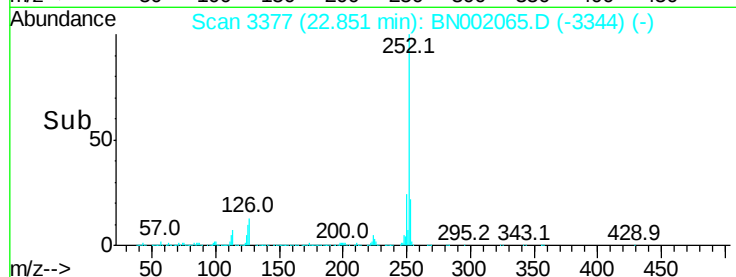
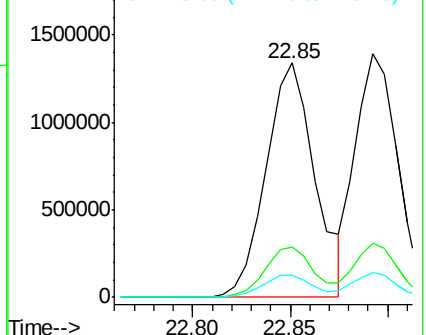
125 9.7 8.5 12.7



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



#88

Benzo(k)fluoranthene

Concen: 19.748 ng/ul

RT: 22.89 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

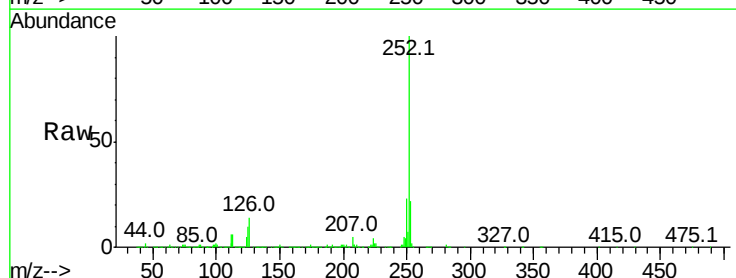
Tgt Ion:252 Resp: 2082400

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

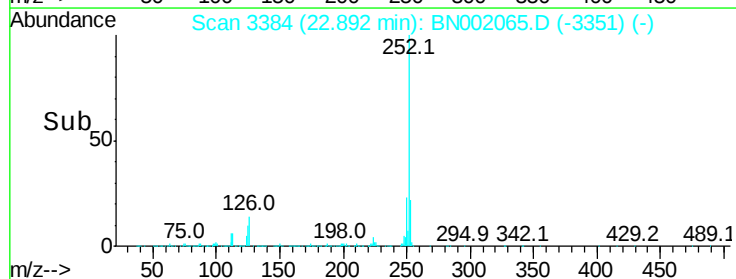
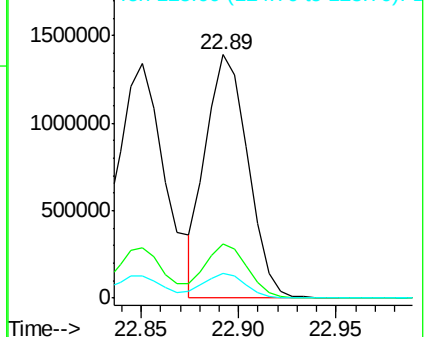
125 10.3 8.2 12.2

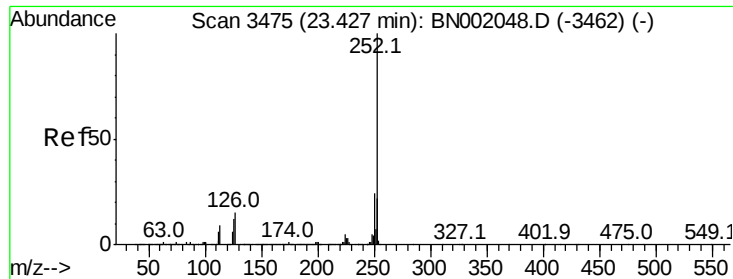


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.035 ng/u1

RT: 23.42 min Scan# 3474

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

Instrument :

BNA\_N

ClientSampleId :

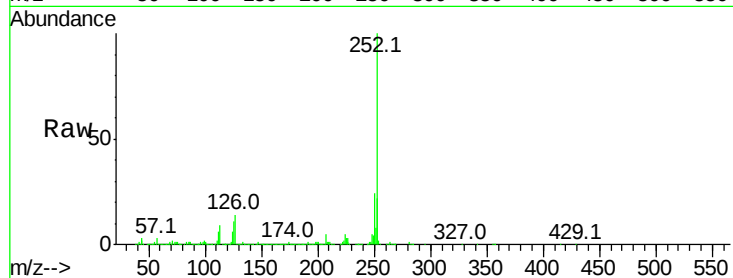
Tot Ion:252 Resp: 2113078

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

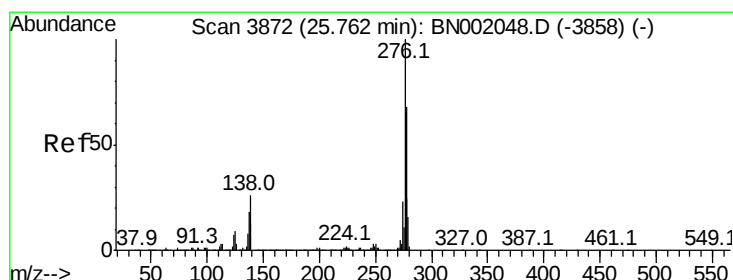
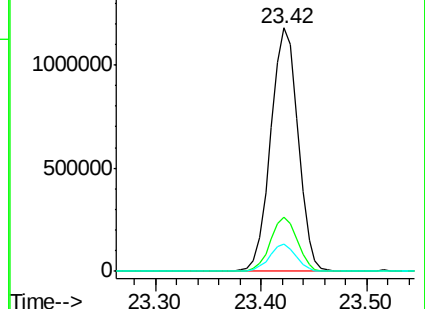
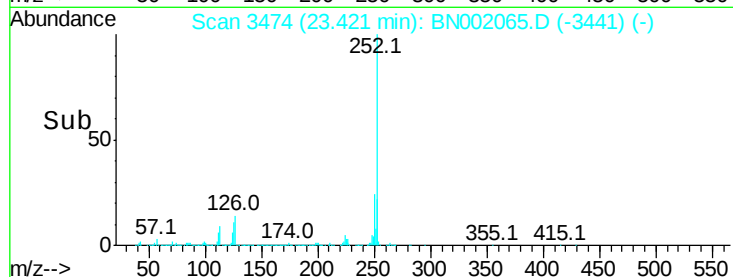
125 11.2 9.0 13.6



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

Indeno(1,2,3-cd)pyrene

Concen: 18.002 ng/u1

RT: 25.76 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BN002065.D

Acq: 19 Jul 2018 10:36

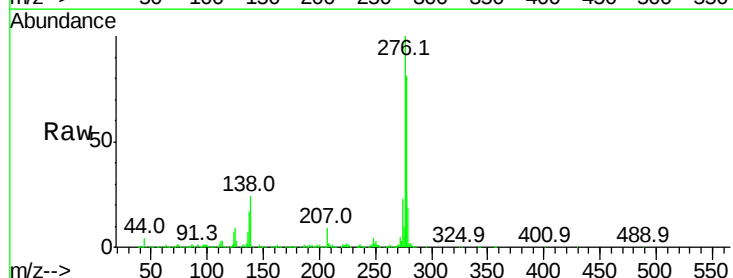
Tgt Ion:276 Resp: 2194676

Ion Ratio Lower Upper

276 100

138 23.9 22.3 33.5

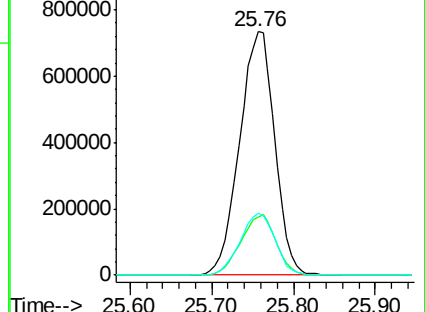
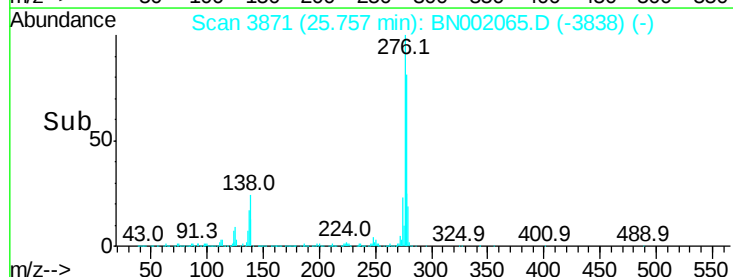
277 25.4 20.2 30.2

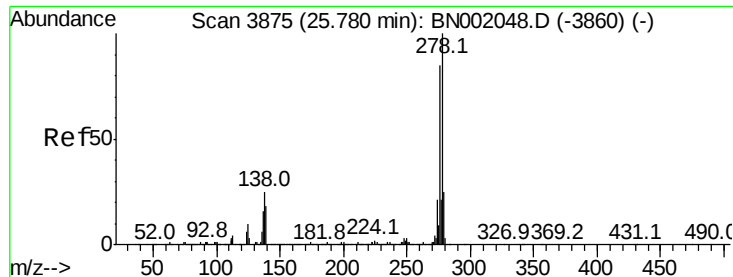


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

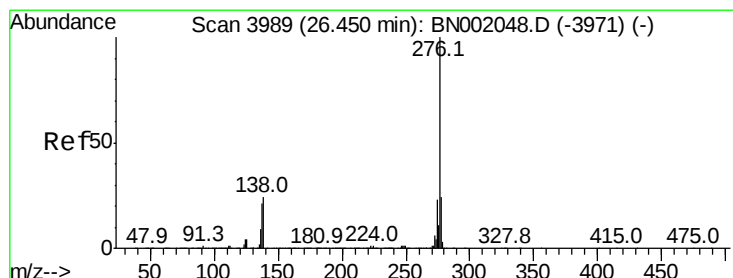
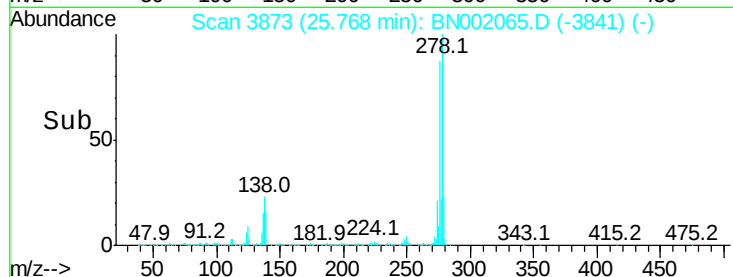
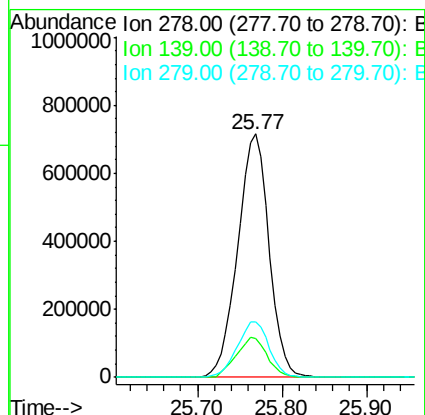
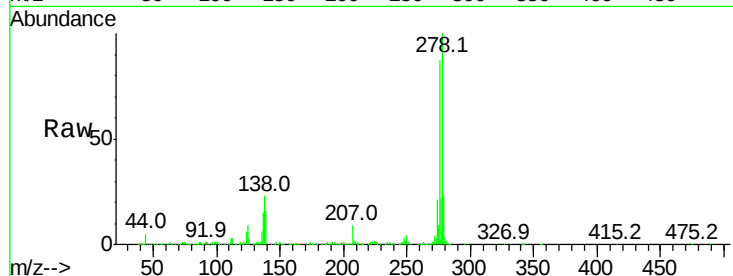




#92  
Dibenzo(a,h)anthracene  
Concen: 18.036 ng/ul  
RT: 25.77 min Scan# 3873  
Delta R.T. -0.01 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:278 Resp: 1840299  
Ion Ratio Lower Upper  
278 100  
139 15.8 13.9 20.9  
279 22.7 19.0 28.4



#93  
Benzo(g,h,i)perylene  
Concen: 17.318 ng/ul  
RT: 26.44 min Scan# 3987  
Delta R.T. -0.01 min  
Lab File: BN002065.D  
Acq: 19 Jul 2018 10:36

Tgt Ion:276 Resp: 1774162  
Ion Ratio Lower Upper  
276 100  
138 21.6 18.9 28.3  
277 23.0 19.2 28.8

