

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\  
 Data File : BN000544.D  
 Acq On : 22 Mar 2018 17:20  
 Operator : JU/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 23 02:25:31 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 23 02:22:02 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.41  | 152  | 207235   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.25 | 136  | 910206   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.04 | 164  | 504947   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.76 | 188  | 1073130  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.89 | 240  | 1051944  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.37 | 264  | 1073065  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 41125   | 7.09  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.56  | 99  | 398641  | 20.62 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.72  | 67  | 223739  | 20.06 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.94  | 132 | 293911  | 20.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.13  | 113 | 321276  | 21.33 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.60  | 128 | 140663  | 19.03 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.33 | 143 | 146770  | 19.17 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.87 | 165 | 280852  | 20.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 364881  | 25.90 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 807389  | 20.24 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.74 | 160 | 1031705 | 19.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.23 | 143 | 147112  | 19.86 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.02 | 176 | 679593  | 19.99 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.14 | 200 | 100172  | 16.30 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.86 | 188 | 1010646 | 19.59 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.11 | 212 | 1068971 | 18.41 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.21 | 264 | 999847  | 19.74 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.63  | 88  | 44071  | 7.054  | ng/uL# | 85 |
| 4) Benzaldehyde                | 7.54  | 77  | 167510 | 21.251 | ng/ul  | 91 |
| 6) Phenol                      | 7.59  | 94  | 410978 | 20.835 | ng/ul  | 93 |
| 8) Bis(2-Chloroethyl)ether     | 7.81  | 93  | 314894 | 20.118 | ng/ul  | 94 |
| 10) 2-Chlorophenol             | 7.97  | 128 | 299436 | 20.061 | ng/ul  | 98 |
| 11) 2-Methylphenol             | 8.86  | 108 | 303571 | 20.985 | ng/ul  | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.94  | 45  | 336472 | 19.946 | ng/ul# | 93 |
| 14) Acetophenone               | 9.25  | 105 | 476683 | 21.293 | ng/ul  | 95 |
| 15) N-Nitroso-di-n-propylamine | 9.23  | 70  | 238985 | 20.411 | ng/ul  | 93 |
| 16) 4-Methylphenol             | 9.20  | 108 | 329272 | 21.260 | ng/ul  | 95 |
| 17) Hexachloroethane           | 9.51  | 117 | 121497 | 19.510 | ng/ul# | 72 |
| 20) Nitrobenzene               | 9.64  | 77  | 354549 | 19.429 | ng/ul  | 94 |
| 21) Isophorone                 | 10.16 | 82  | 690848 | 19.859 | ng/ul  | 98 |
| 23) 2-Nitrophenol              | 10.36 | 139 | 162601 | 19.742 | ng/ul  | 93 |
| 24) 2,4-Dimethylphenol         | 10.41 | 107 | 354641 | 19.988 | ng/ul  | 96 |
| 25) Bis(2-Chloroethoxy)methane | 10.64 | 93  | 431757 | 19.652 | ng/ul  | 98 |
| 27) 2,4-Dichlorophenol         | 10.90 | 162 | 273654 | 20.539 | ng/ul# | 94 |
| 28) Naphthalene                | 11.31 | 128 | 939176 | 19.649 | ng/ul  | 99 |
| 30) 4-Chloroaniline            | 11.41 | 127 | 365900 | 25.583 | ng/ul  | 98 |
| 31) Hexachlorobutadiene        | 11.57 | 225 | 148981 | 20.179 | ng/ul  | 98 |
| 32) Caprolactam                | 12.17 | 113 | 106351 | 21.836 | ng/ul  | 84 |
| 33) 4-Chloro-3-methylphenol    | 12.51 | 107 | 338684 | 21.623 | ng/ul  | 98 |
| 34) 2-Methylnaphthalene        | 12.89 | 142 | 648605 | 20.325 | ng/ul  | 99 |

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

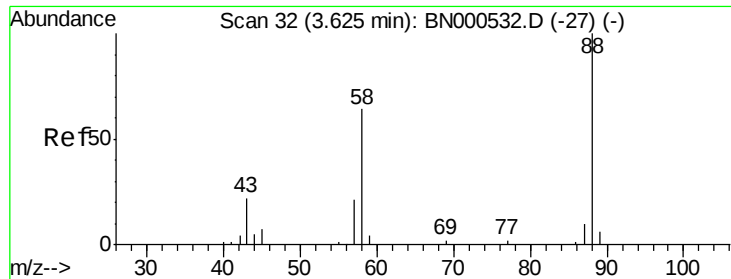
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 23 02:25:31 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 23 02:22:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 36) 1,2,4,5-Tetrachlorobenzene | 13.25 | 216  | 291820   | 19.237 | ng/ul# | 94       |
| 37) Hexachlorocyclopentadiene  | 13.22 | 237  | 167239   | 21.142 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 13.48 | 196  | 205111   | 19.933 | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 13.56 | 196  | 214710   | 20.011 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.87 | 154  | 821338   | 19.107 | ng/ul# | 95       |
| 41) 2-Chloronaphthalene        | 13.92 | 162  | 635521   | 19.180 | ng/ul  | 96       |
| 42) 2-Nitroaniline             | 14.12 | 65   | 198468   | 19.769 | ng/ul  | 97       |
| 44) Dimethylphthalate          | 14.47 | 163  | 797463   | 20.209 | ng/ul# | 98       |
| 45) 2,6-Dinitrotoluene         | 14.61 | 165  | 161377   | 20.295 | ng/ul  | 92       |
| 47) Acenaphthylene             | 14.77 | 152  | 1008593  | 19.563 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.94 | 138  | 177038   | 23.060 | ng/ul# | 93       |
| 49) Acenaphthene               | 15.10 | 153  | 686912   | 19.541 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 15.15 | 184  | 92758    | 24.726 | ng/ul# | 84       |
| 52) 4-Nitrophenol              | 15.24 | 109  | 120408   | 21.035 | ng/ul  | 88       |
| 53) Dibenzofuran               | 15.43 | 168  | 944754   | 19.788 | ng/ul  | 100      |
| 54) 2,4-Dinitrotoluene         | 15.39 | 165  | 240730   | 21.354 | ng/ul  | 97       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.65 | 232  | 167429   | 20.435 | ng/ul# | 91       |
| 56) Diethylphthalate           | 15.82 | 149  | 832284   | 20.664 | ng/ul  | 95       |
| 58) Fluorene                   | 16.07 | 166  | 759747   | 20.025 | ng/ul  | 100      |
| 59) 4-Chlorophenyl-phenylether | 16.05 | 204  | 354518   | 20.222 | ng/ul# | 84       |
| 60) 4-Nitroaniline             | 16.09 | 138  | 196183   | 22.746 | ng/ul  | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 16.15 | 198  | 107004   | 16.492 | ng/ul# | 89       |
| 64) N-Nitrosodiphenylamine     | 16.27 | 169  | 660307   | 18.678 | ng/ul  | 100      |
| 65) 4-Bromophenyl-phenylether  | 16.94 | 248  | 211233   | 19.311 | ng/ul# | 89       |
| 66) Hexachlorobenzene          | 17.07 | 284  | 229823   | 19.899 | ng/ul# | 87       |
| 67) Atrazine                   | 17.20 | 200  | 234086   | 21.954 | ng/ul  | 95       |
| 68) Pentachlorophenol          | 17.41 | 266  | 95050    | 15.588 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.80 | 178  | 1195473  | 19.337 | ng/ul  | 100      |
| 71) Anthracene                 | 17.90 | 178  | 1233488  | 19.458 | ng/ul  | 98       |
| 72) Carbazole                  | 18.16 | 167  | 1142246  | 21.012 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 18.68 | 149  | 1477484  | 19.986 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.78 | 202  | 1352509  | 22.016 | ng/ul# | 81       |
| 77) Pyrene                     | 20.14 | 202  | 1366895  | 17.790 | ng/ul# | 75       |
| 78) Butylbenzylphthalate       | 20.99 | 149  | 711775   | 18.650 | ng/ul# | 86       |
| 79) 3,3'-Dichlorobenzidine     | 21.78 | 252  | 385315   | 18.749 | ng/ul# | 95       |
| 80) Benzo(a)anthracene         | 21.87 | 228  | 1320574  | 18.841 | ng/ul  | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.74 | 149  | 1029470  | 18.580 | ng/ul# | 96       |
| 82) Chrysene                   | 21.92 | 228  | 1229834  | 18.717 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.70 | 149  | 1783884  | 19.751 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 23.61 | 252  | 1324144  | 19.529 | ng/ul# | 94       |
| 86) Benzo(k)fluoranthene       | 23.66 | 252  | 1227825  | 18.757 | ng/ul# | 95       |
| 88) Benzo(a)pyrene             | 24.26 | 252  | 1226732  | 19.224 | ng/ul# | 94       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.94 | 276  | 1272243  | 18.489 | ng/ul# | 79       |
| 90) Dibenzo(a,h)anthracene     | 26.94 | 278  | 1074405  | 18.743 | ng/ul# | 92       |
| 91) Benzo(g,h,i)perylene       | 27.72 | 276  | 1019475  | 17.829 | ng/ul# | 87       |
| -----                          |       |      |          |        |        |          |

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

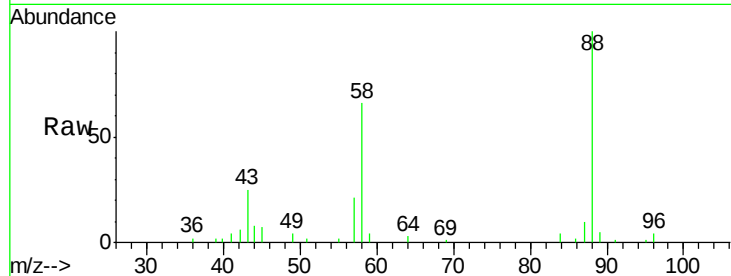




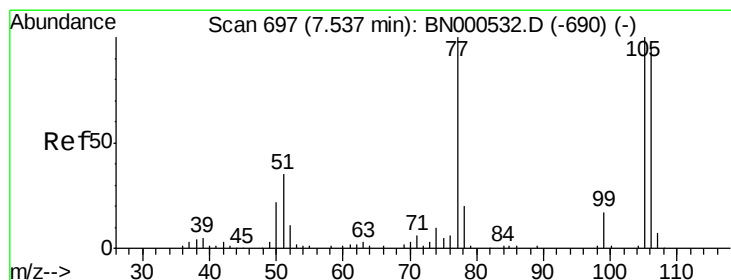
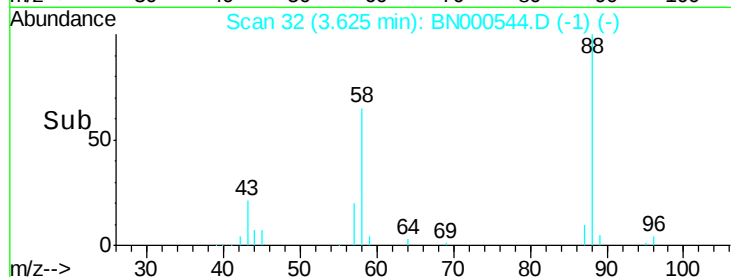
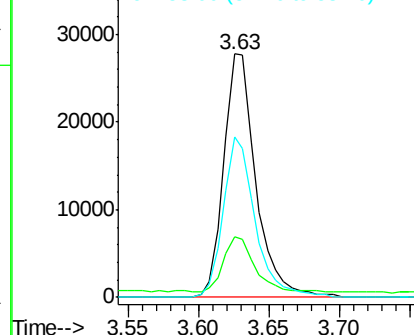
#2  
1,4-Dioxane  
Concen: 7.054 ng/uL  
RT: 3.63 min Scan# 32  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion: 88 Resp: 44071  
Ion Ratio Lower Upper  
88 100  
43 24.7 29.0 43.4#  
58 65.8 45.9 68.9

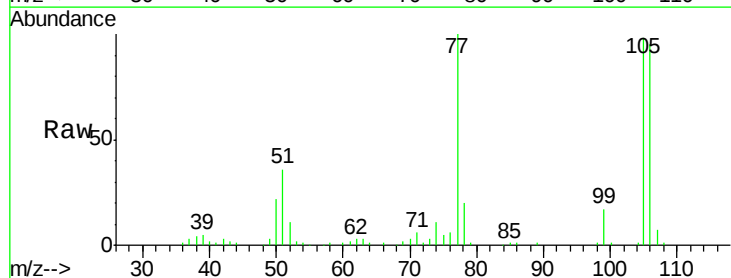


Abundance Ion 88.00 (87.70 to 88.70): BN0  
Ion 43.00 (42.70 to 43.70): BN0  
Ion 58.00 (57.70 to 58.70): BN0

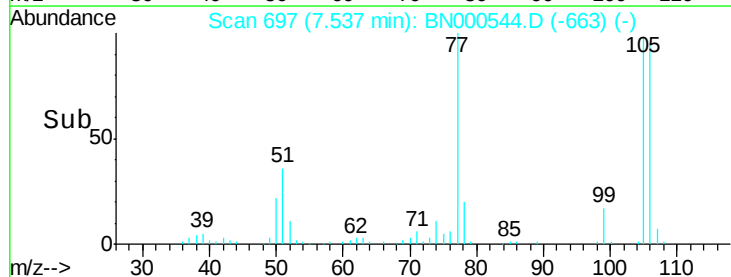
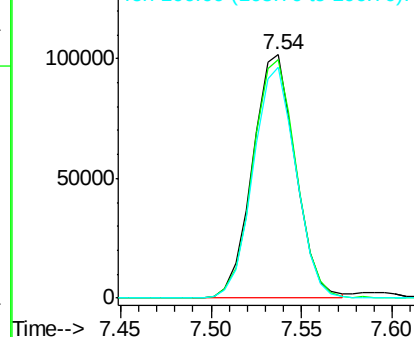


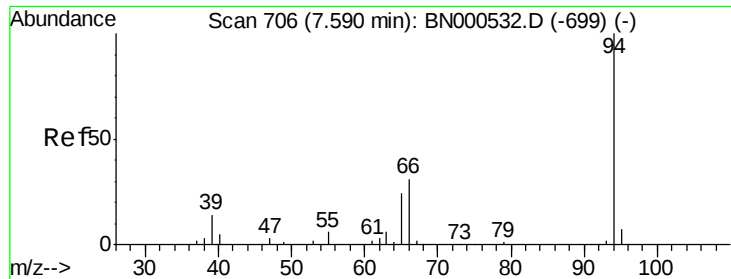
#4  
Benzaldehyde  
Concen: 21.251 ng/uL  
RT: 7.54 min Scan# 697  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion: 77 Resp: 167510  
Ion Ratio Lower Upper  
77 100  
105 98.1 71.0 106.6  
106 94.8 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 105.00 (104.70 to 105.70): B  
Ion 106.00 (105.70 to 106.70): B





#6

Phenol

Concen: 20.835 ng/ul

RT: 7.59 min Scan# 706

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

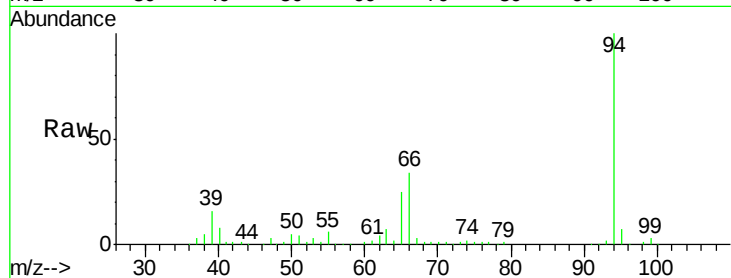
Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 94 Resp: 410978

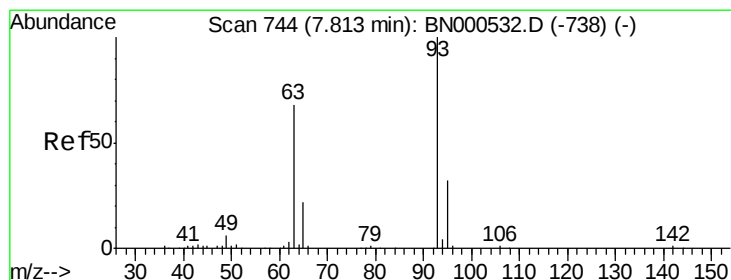
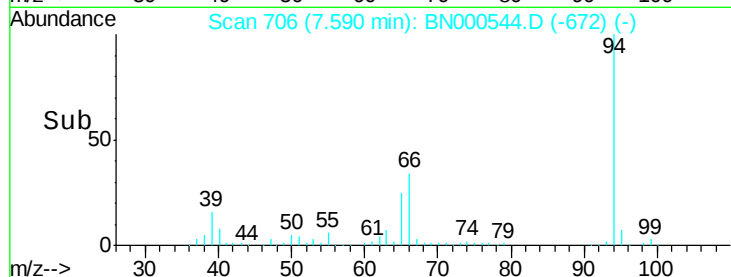
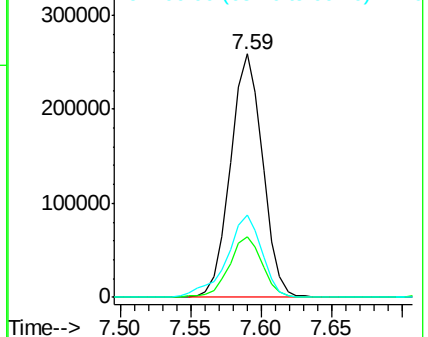
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 24.9  | 23.0  | 34.6  |
| 66  | 33.9  | 30.4  | 45.6  |



Abundance Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 20.118 ng/ul

RT: 7.81 min Scan# 744

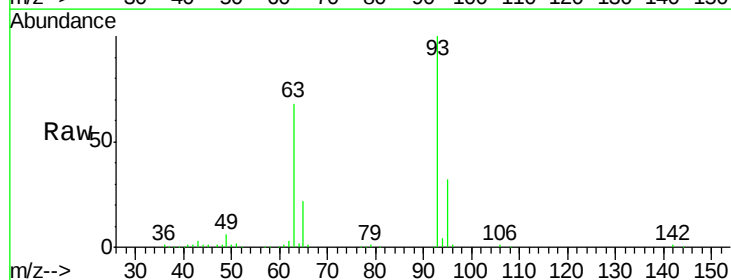
Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Tgt Ion: 93 Resp: 314894

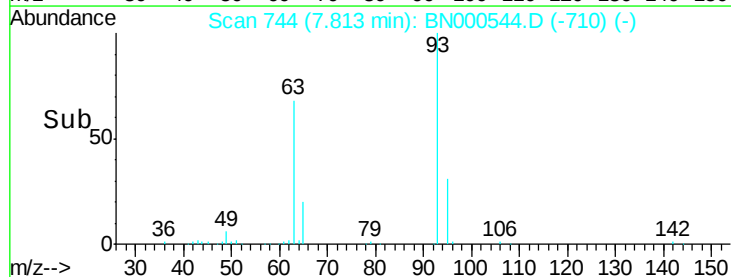
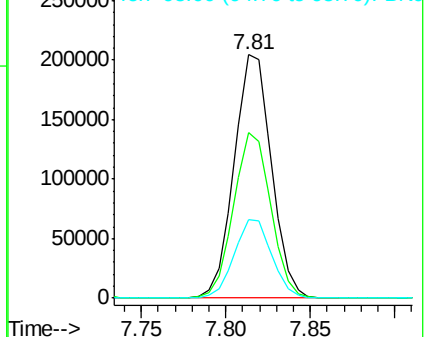
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 68.1  | 59.4  | 89.2  |
| 95  | 32.0  | 26.4  | 39.6  |

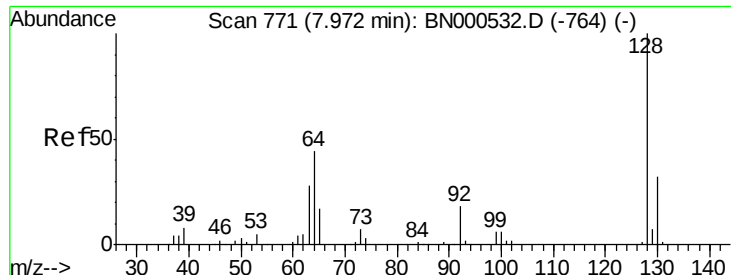


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

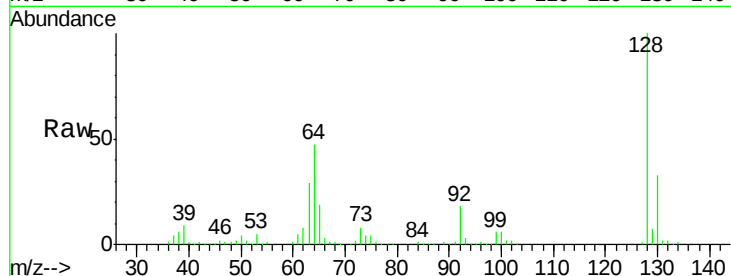




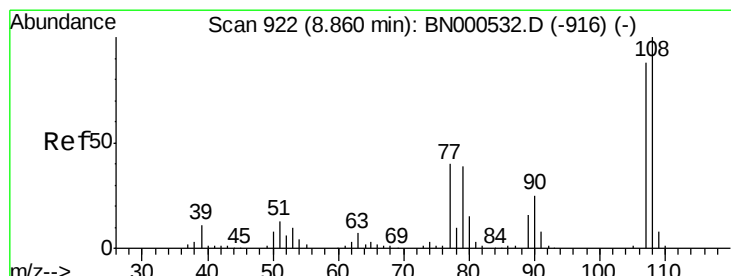
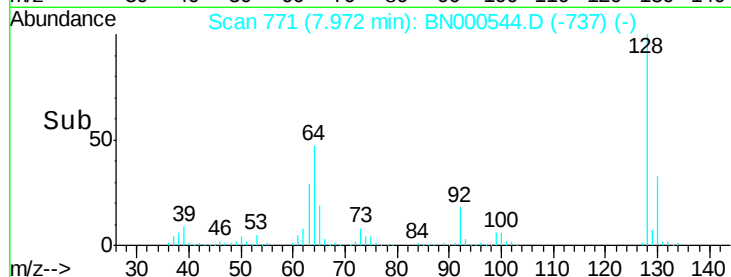
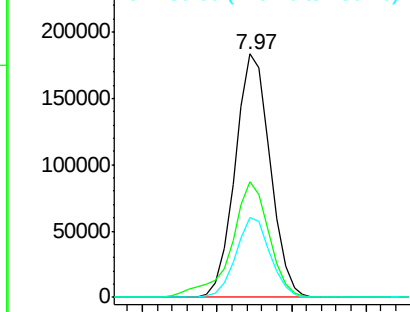
#10  
2-Chlorophenol  
Concen: 20.061 ng/ul  
RT: 7.97 min Scan# 771  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:128 Resp: 299436  
Ion Ratio Lower Upper  
128 100  
64 47.4 39.8 59.6  
130 32.7 25.8 38.8

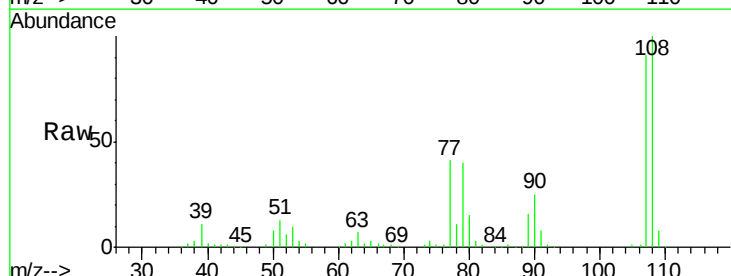


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BNA\_N  
Ion 130.00 (129.70 to 130.70): E

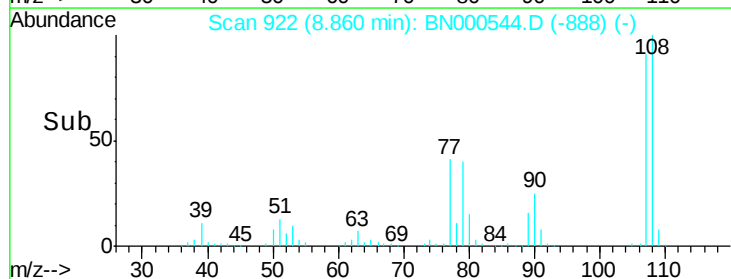
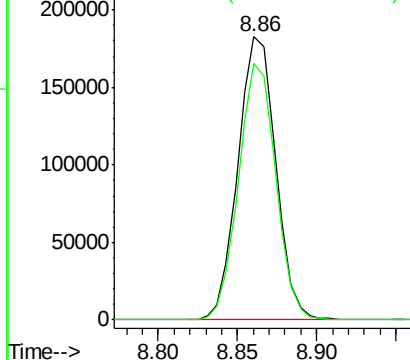


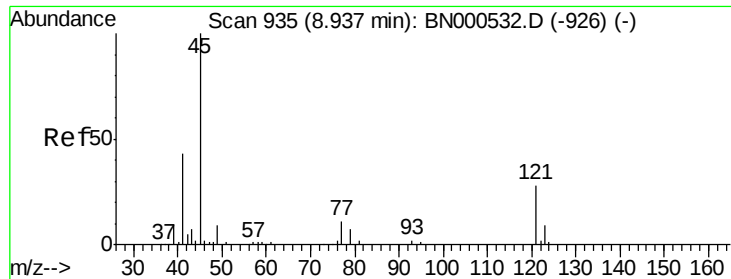
#11  
2-Methylphenol  
Concen: 20.985 ng/ul  
RT: 8.86 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:108 Resp: 303571  
Ion Ratio Lower Upper  
108 100  
107 90.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

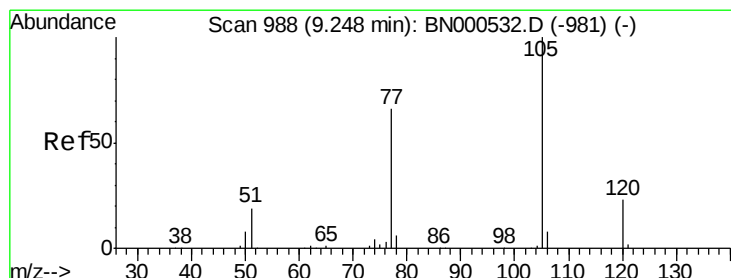
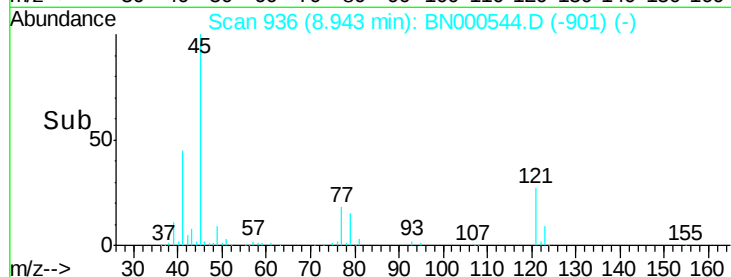
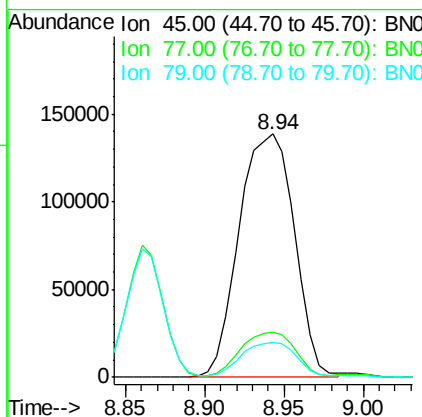
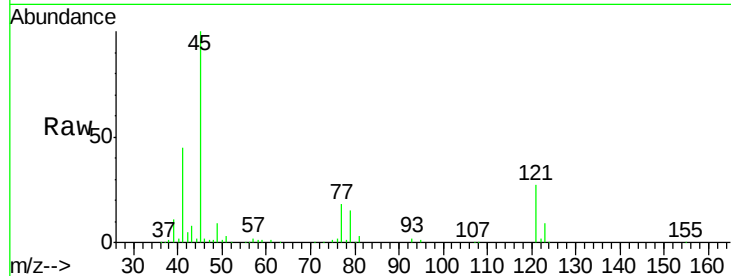




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.946 ng/ul  
RT: 8.94 min Scan# 936  
Delta R.T. 0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

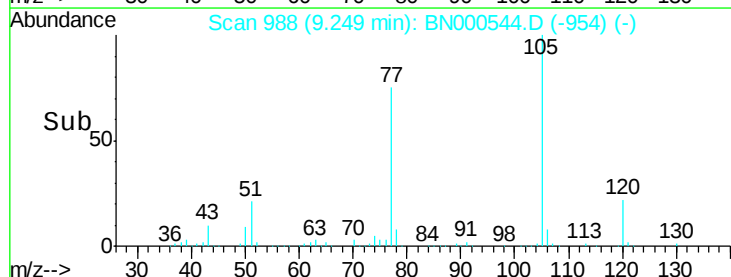
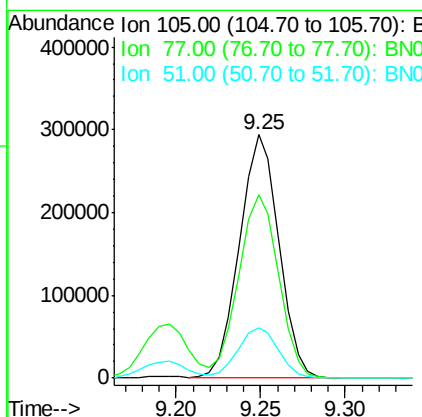
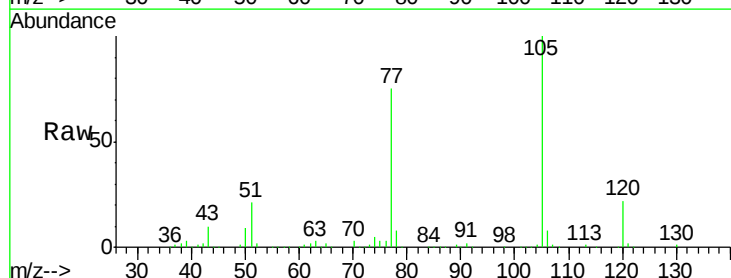
Instrument :  
BNA\_N  
ClientSampleId :

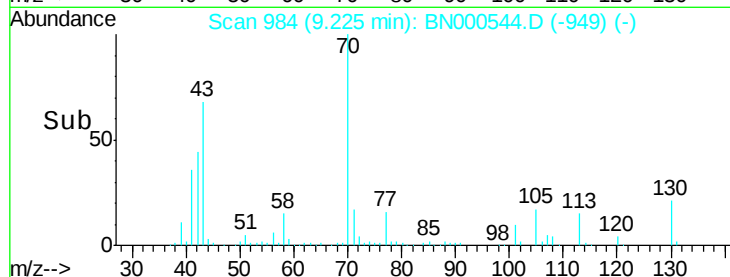
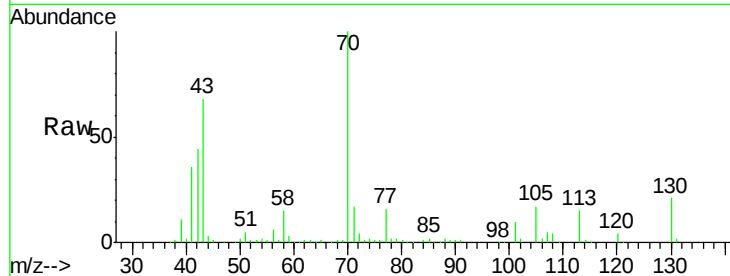
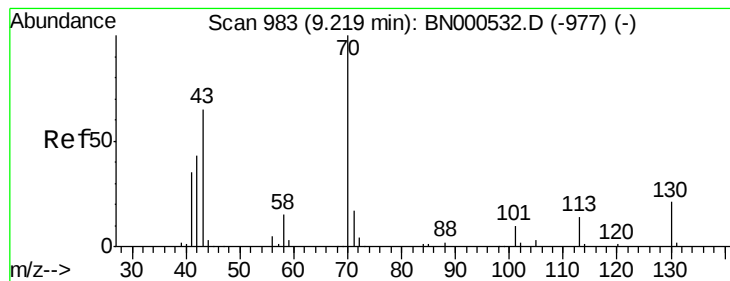
Tot Ion: 45 Resp: 336472  
Ion Ratio Lower Upper  
45 100  
77 18.5 12.5 18.7  
79 14.6 9.4 14.2#



#14  
Acetophenone  
Concen: 21.293 ng/ul  
RT: 9.25 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:105 Resp: 476683  
Ion Ratio Lower Upper  
105 100  
77 75.4 63.2 94.8  
51 20.9 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 20.411 ng/ul

RT: 9.23 min Scan# 984

Delta R.T. 0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 70 Resp: 238985

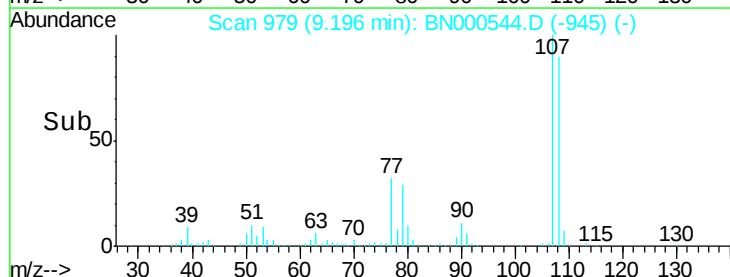
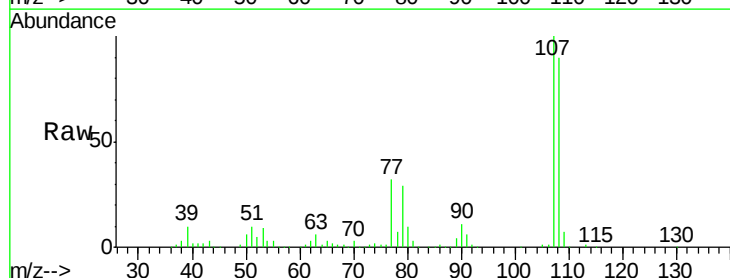
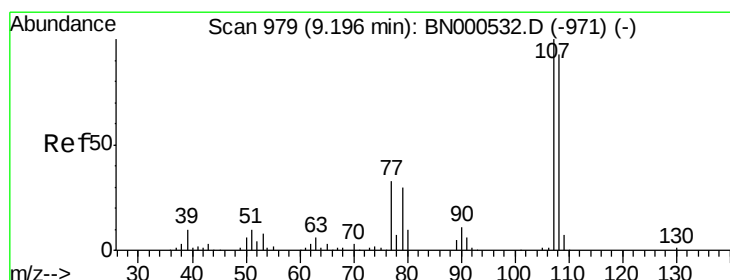
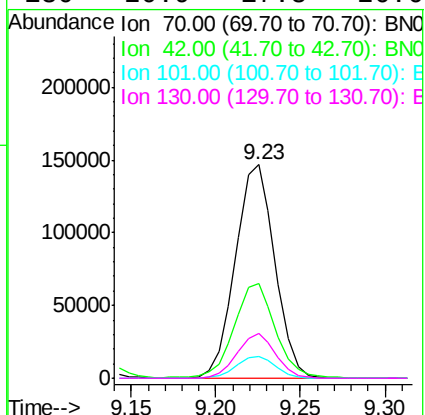
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 44.1  | 40.2  | 60.4  |
| 101 | 10.4  | 7.7   | 11.5  |
| 130 | 20.9  | 17.8  | 26.6  |

70 100

42 44.1 40.2 60.4

101 10.4 7.7 11.5

130 20.9 17.8 26.6



#16

4-Methylphenol

Concen: 21.260 ng/ul

RT: 9.20 min Scan# 979

Delta R.T. 0.00 min

Lab File: BN000544.D

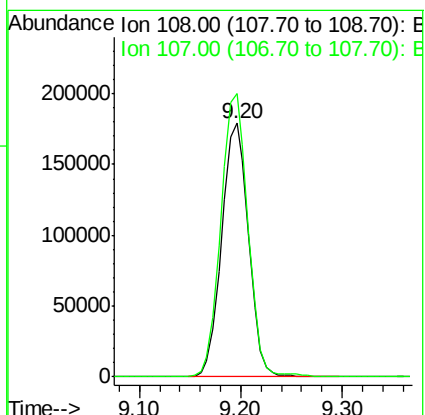
Acq: 22 Mar 2018 17:20

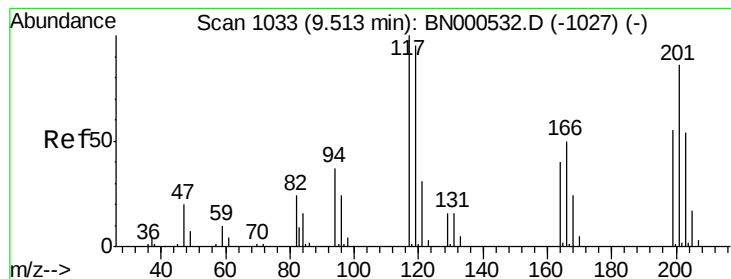
Tgt Ion: 108 Resp: 329272

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 108 | 100   |       |       |
| 107 | 111.7 | 93.6  | 140.4 |

108 100

107 111.7 93.6 140.4





#17

Hexachloroethane

Concen: 19.510 ng/ul

RT: 9.51 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampled :

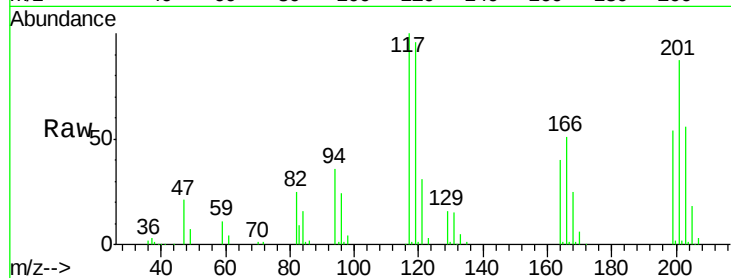
Tot Ion:117 Resp: 121497

Ion Ratio Lower Upper

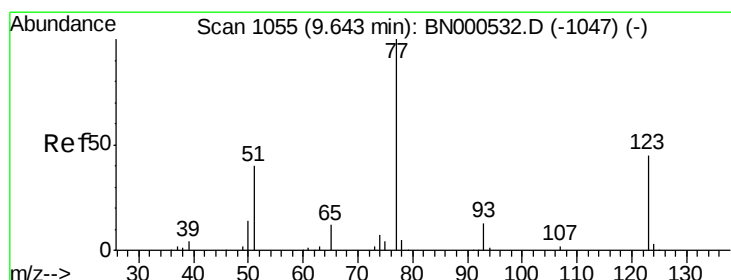
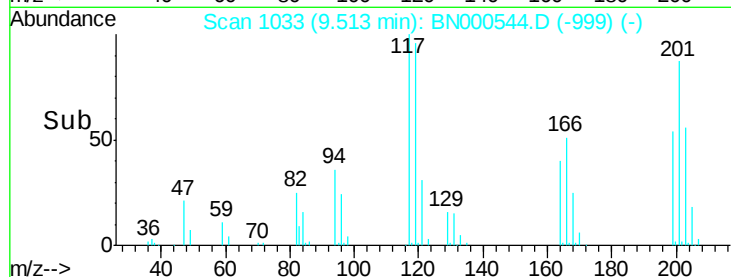
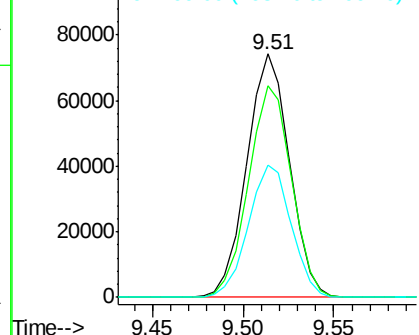
117 100

201 86.9 96.1 144.1#

199 54.4 59.7 89.5#



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: 19.429 ng/ul

RT: 9.64 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

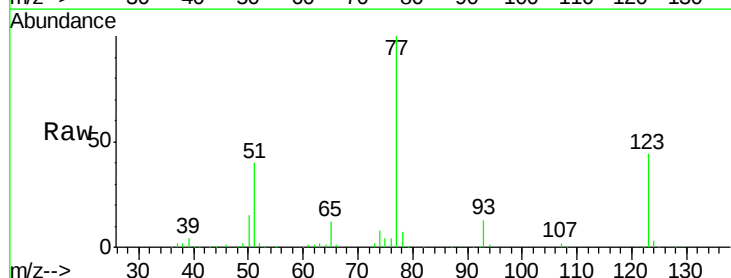
Tgt Ion: 77 Resp: 354549

Ion Ratio Lower Upper

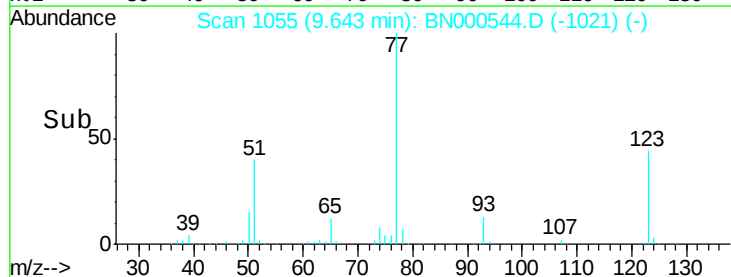
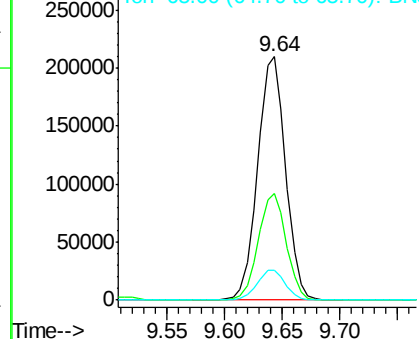
77 100

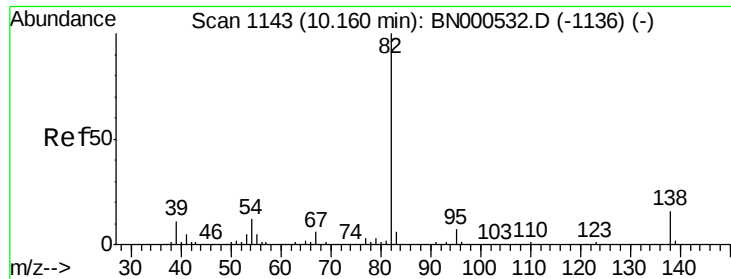
123 43.9 31.8 47.8

65 12.4 10.6 16.0



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: 19.859 ng/ul

RT: 10.16 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampled :

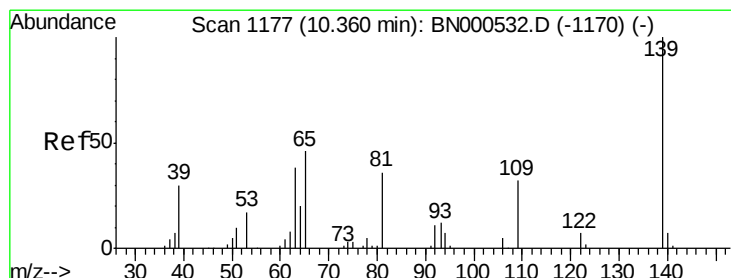
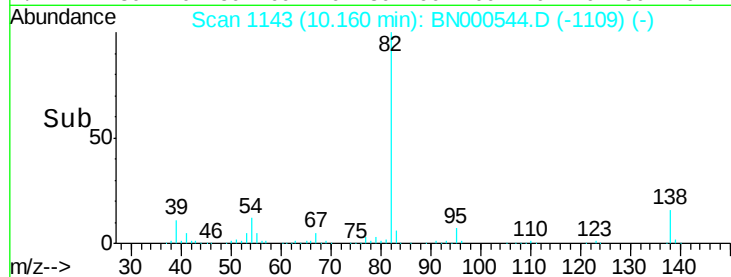
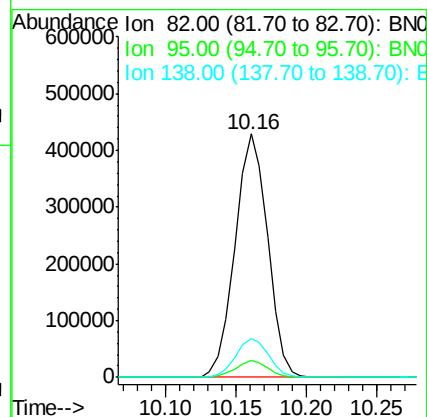
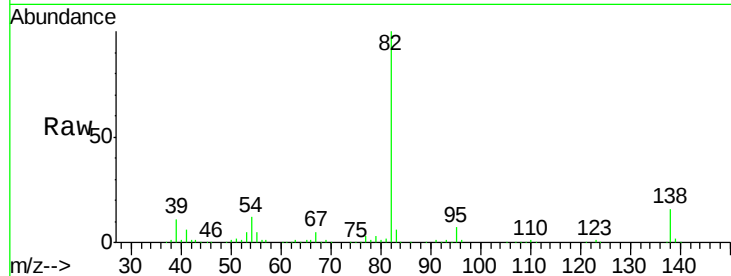
Tot Ion: 82 Resp: 690848

Ion Ratio Lower Upper

82 100

95 7.0 6.1 9.1

138 16.0 13.5 20.3



#23

2-Nitrophenol

Concen: 19.742 ng/ul

RT: 10.36 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

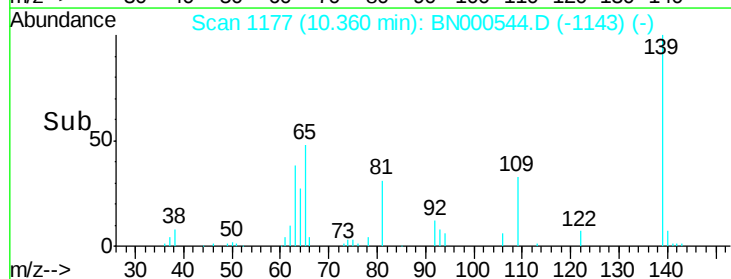
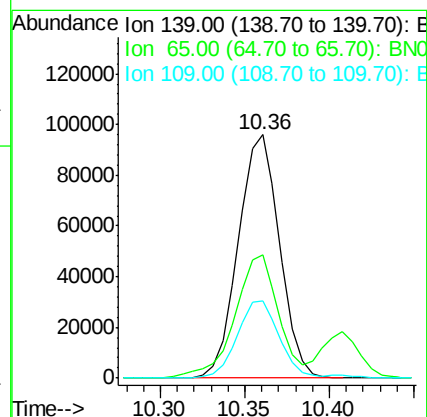
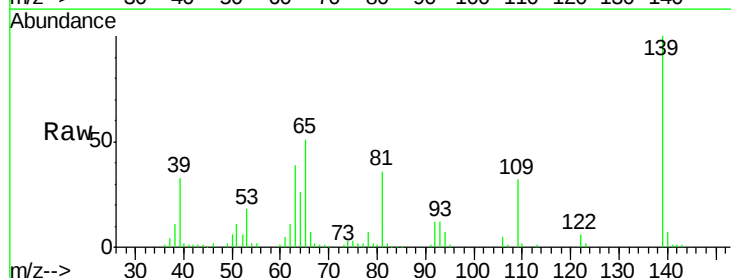
Tgt Ion: 139 Resp: 162601

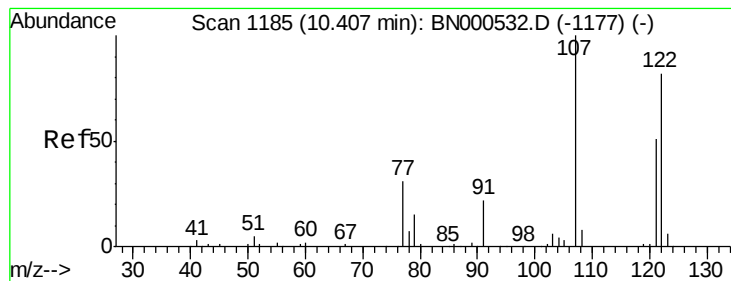
Ion Ratio Lower Upper

139 100

65 50.6 45.3 67.9

109 31.7 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 19.988 ng/ul

RT: 10.41 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampled :

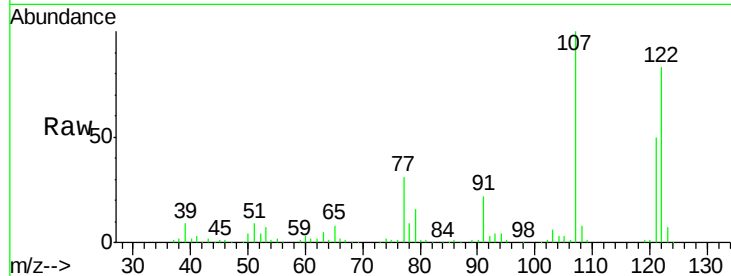
Tot Ion:107 Resp: 354641

Ion Ratio Lower Upper

107 100

121 50.0 38.1 57.1

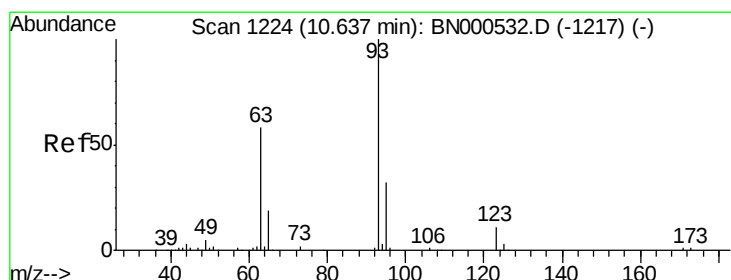
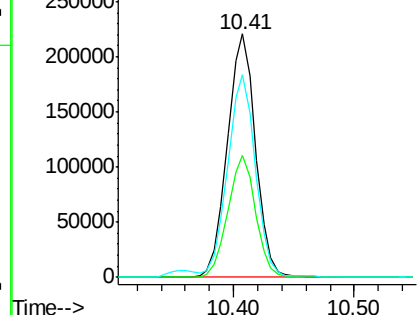
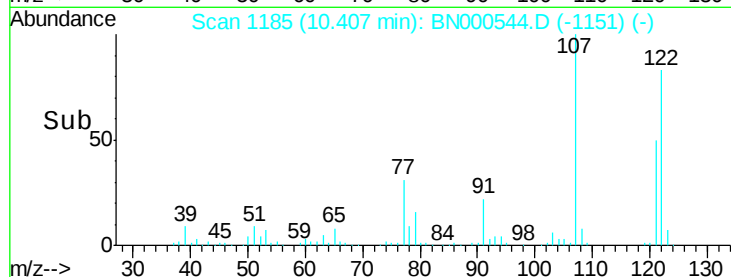
122 83.1 63.8 95.8



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: 19.652 ng/ul

RT: 10.64 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

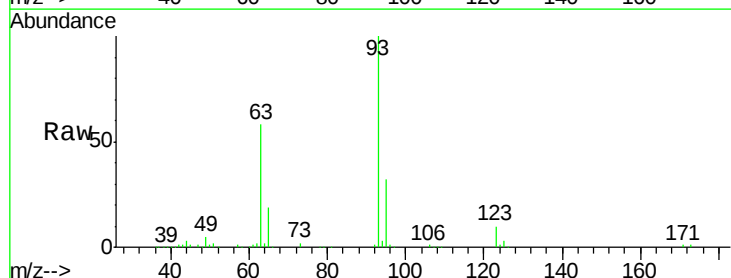
Tgt Ion: 93 Resp: 431757

Ion Ratio Lower Upper

93 100

95 32.0 24.7 37.1

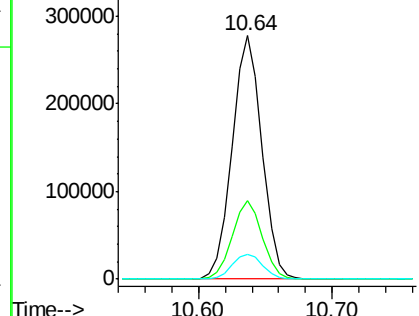
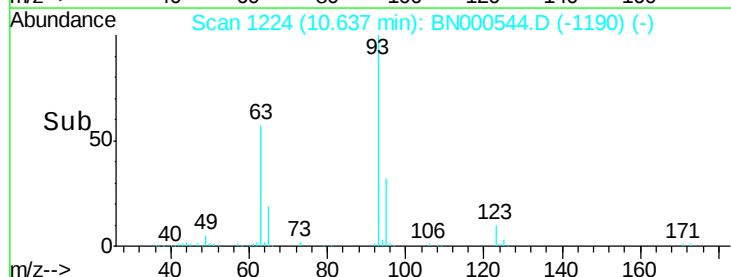
123 10.4 8.2 12.2

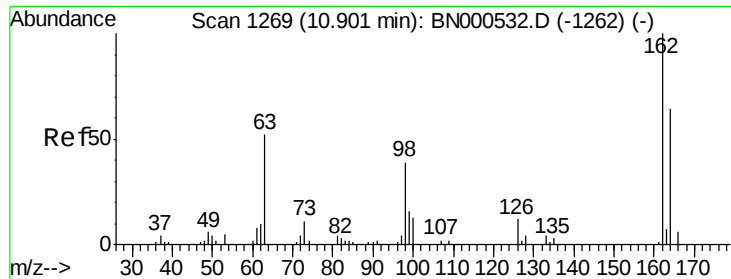


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.539 ng/ul

RT: 10.90 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

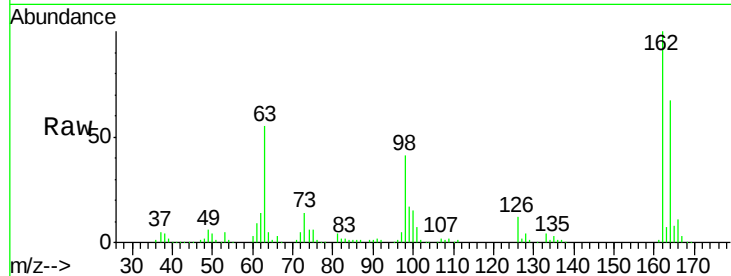
Tot Ion:162 Resp: 273654

Ion Ratio Lower Upper

162 100

164 66.9 52.0 78.0

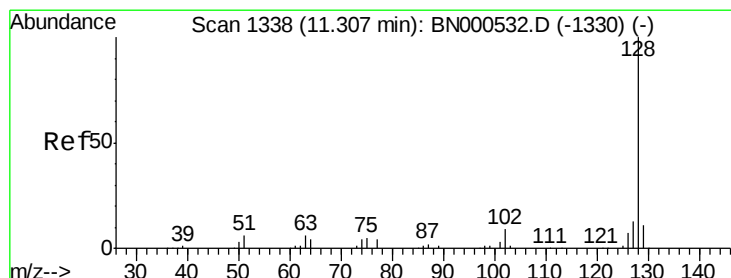
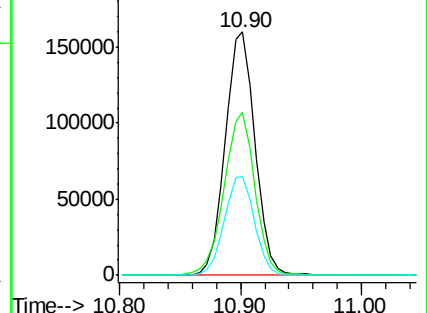
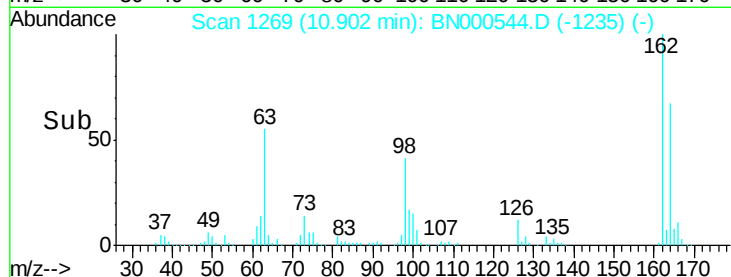
98 40.8 26.6 39.8#



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: 19.649 ng/ul

RT: 11.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

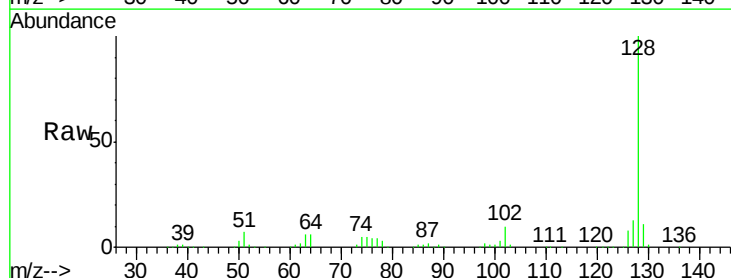
Tgt Ion:128 Resp: 939176

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

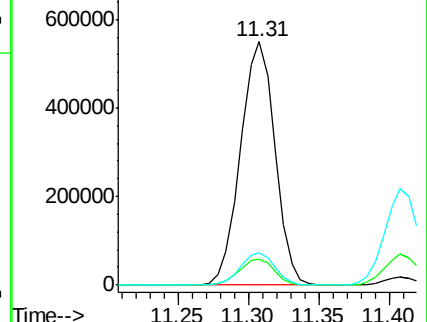
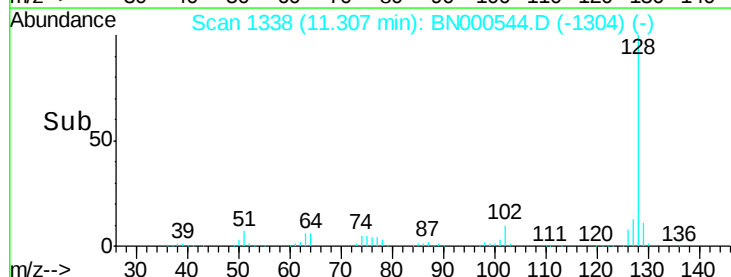
127 13.4 10.8 16.2

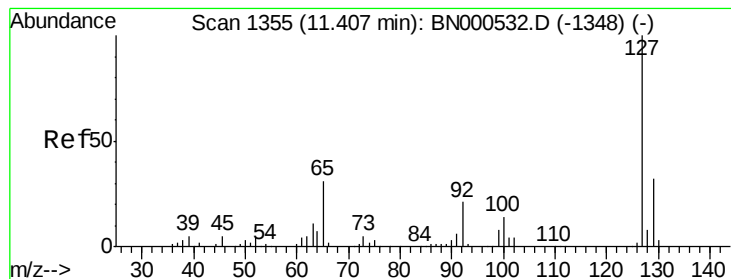


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 25.583 ng/ul

RT: 11.41 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

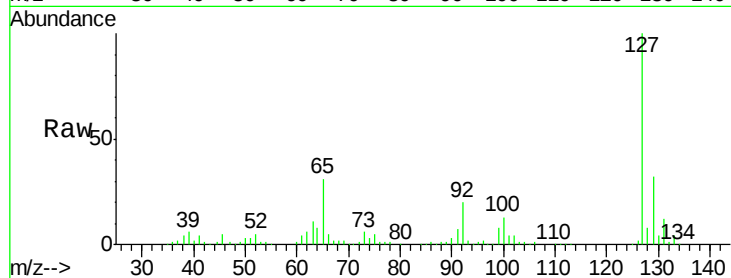
ClientSampled :

Tot Ion:127 Resp: 365900

Ion Ratio Lower Upper

127 100

129 31.8 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

250000

200000

150000

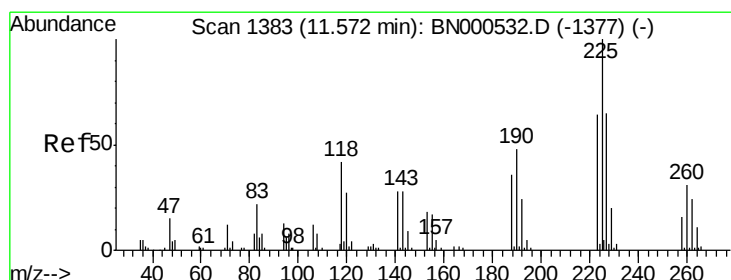
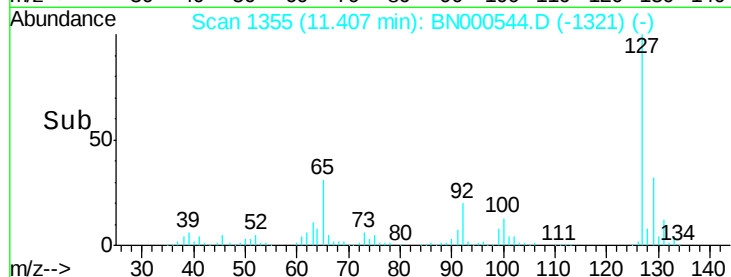
100000

50000

0

11.30 11.40 11.50

Time-->



#31

Hexachlorobutadiene

Concen: 20.179 ng/ul

RT: 11.57 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

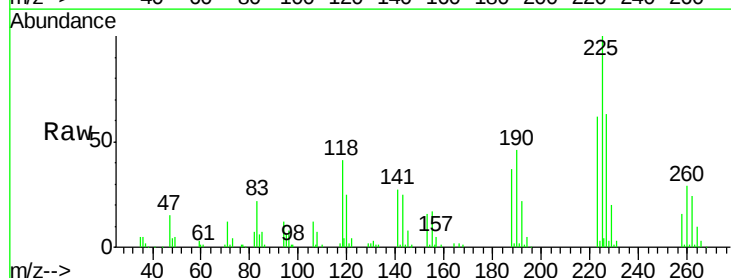
Tgt Ion:225 Resp: 148981

Ion Ratio Lower Upper

225 100

223 62.3 48.1 72.1

227 63.5 52.1 78.1



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

120000

100000

80000

60000

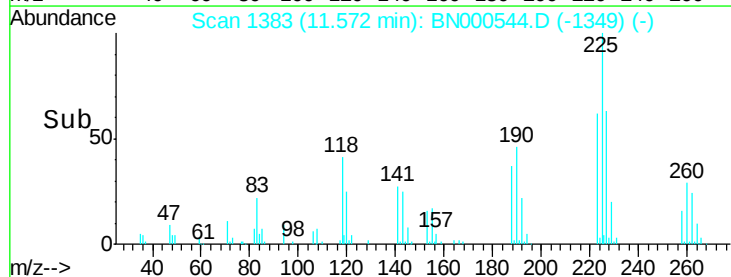
40000

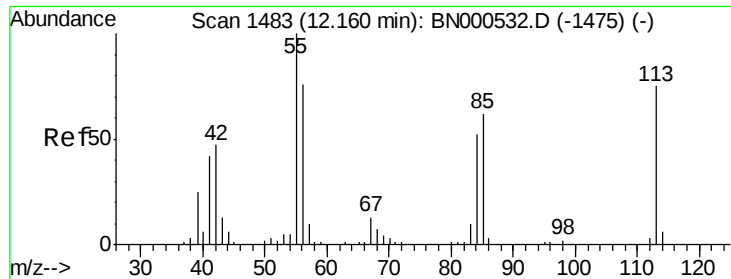
20000

0

11.50 11.55 11.60

Time-->

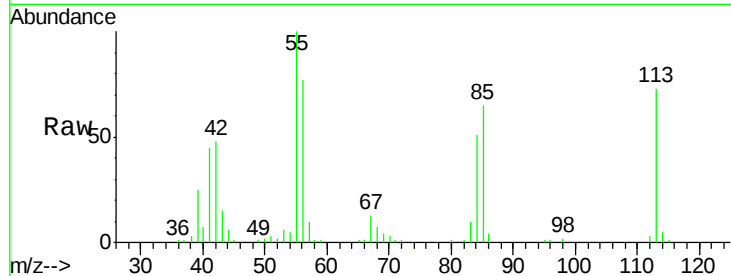




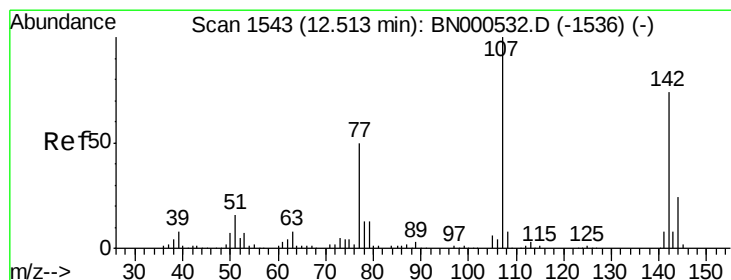
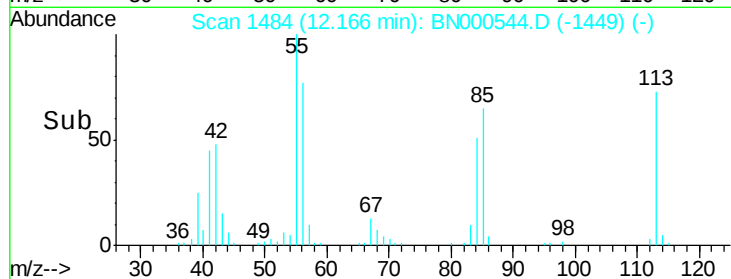
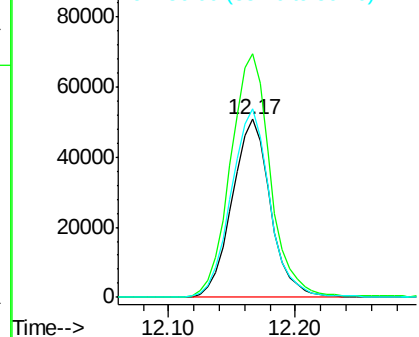
#32  
Caprolactam  
Concen: 21.836 ng/ul  
RT: 12.17 min Scan# 1484  
Delta R.T. 0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:113 Resp: 106351  
Ion Ratio Lower Upper  
113 100  
55 136.9 131.7 197.5  
56 106.0 92.7 139.1

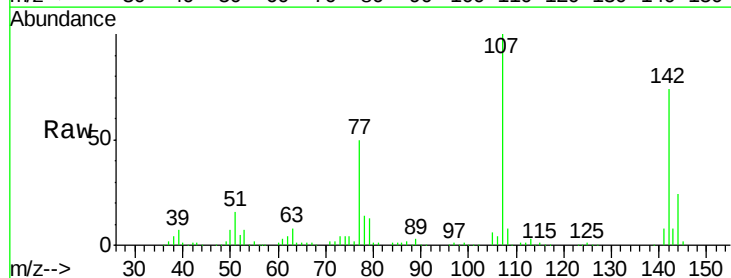


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BNO  
Ion 56.00 (55.70 to 56.70): BNO

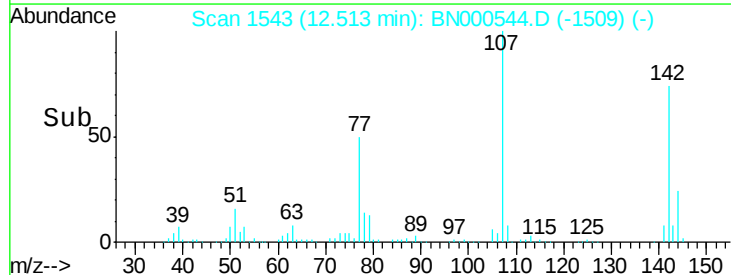
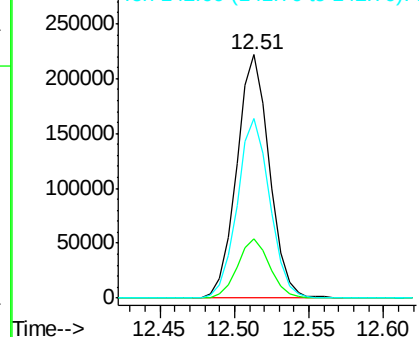


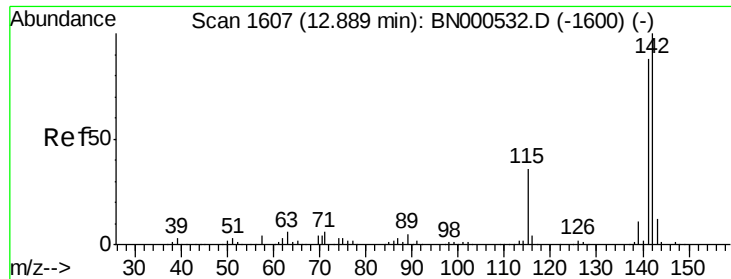
#33  
4-Chloro-3-methylphenol  
Concen: 21.623 ng/ul  
RT: 12.51 min Scan# 1543  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:107 Resp: 338684  
Ion Ratio Lower Upper  
107 100  
144 24.2 21.1 31.7  
142 73.8 60.1 90.1



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

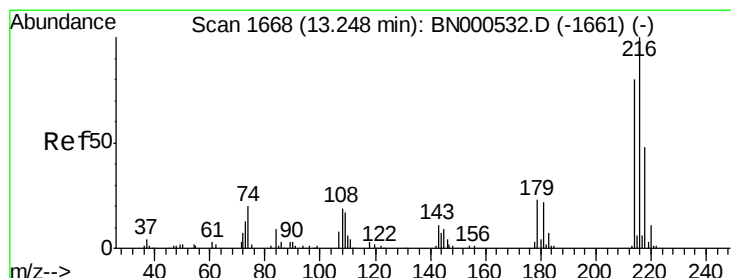
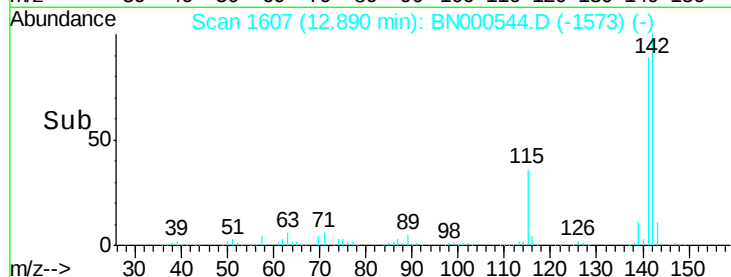
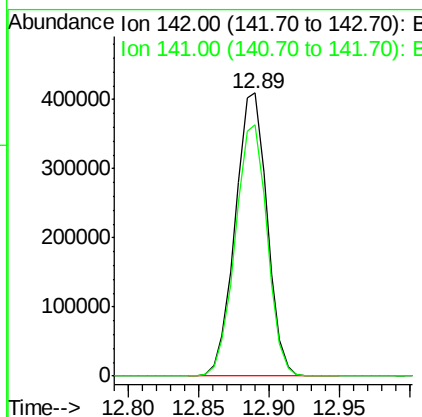
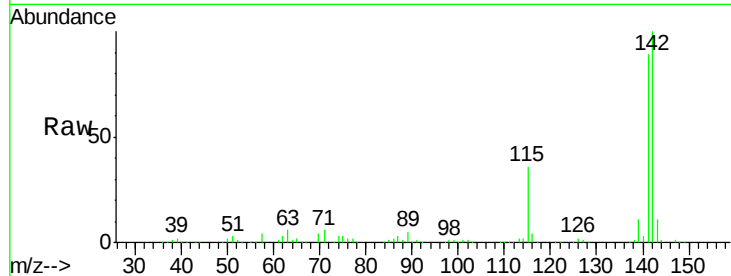




#34  
 2-Methylnaphthalene  
 Concen: 20.325 ng/ul  
 RT: 12.89 min Scan# 1607  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

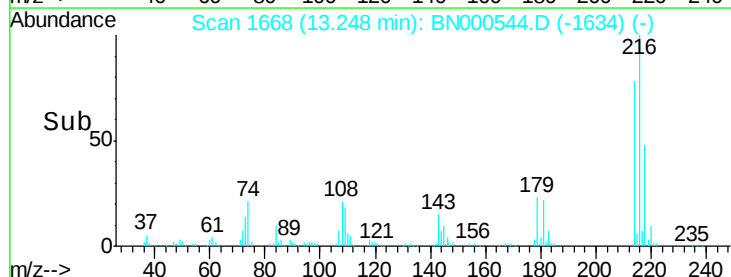
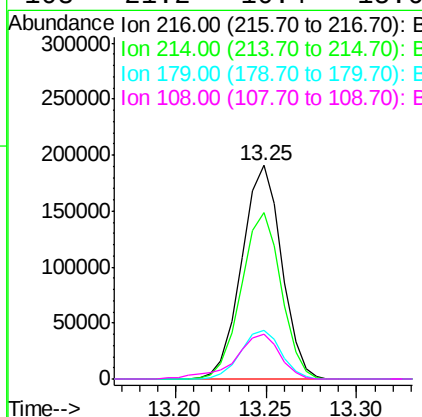
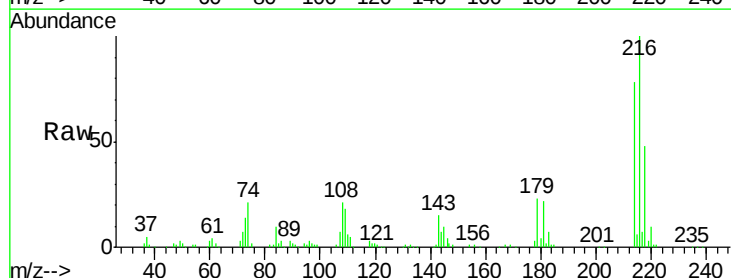
Instrument :  
 BNA\_N  
 ClientSampleId :

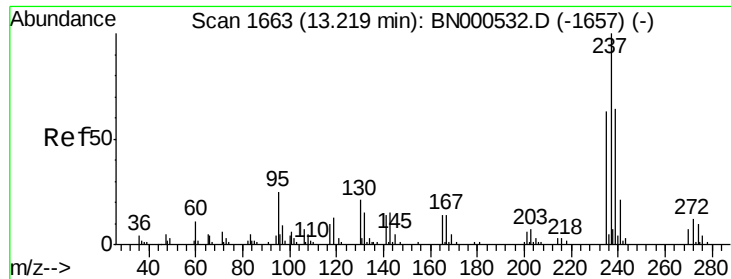
Tot Ion:142 Resp: 648605  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 71.4 107.2



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.237 ng/ul  
 RT: 13.25 min Scan# 1668  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

Tgt Ion:216 Resp: 291820  
 Ion Ratio Lower Upper  
 216 100  
 214 78.1 64.1 96.1  
 179 22.7 14.5 21.7#  
 108 21.2 10.4 15.6#





#37

Hexachlorocyclopentadiene

Concen: 21.142 ng/ul

RT: 13.22 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

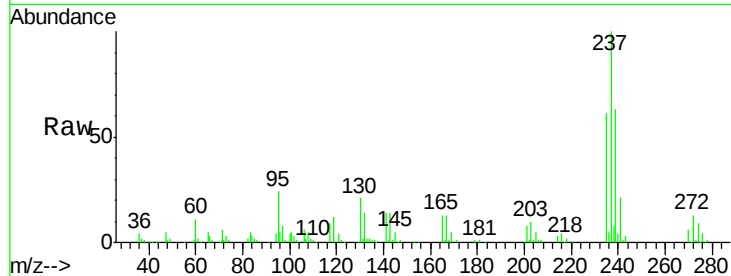
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:237 Resp: 167239

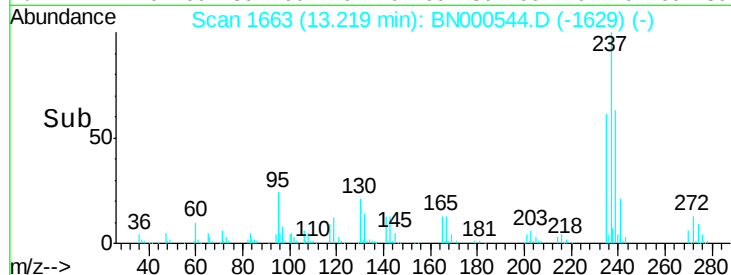
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 60.9  | 49.5  | 74.3  |
| 272 | 12.7  | 8.6   | 12.8  |



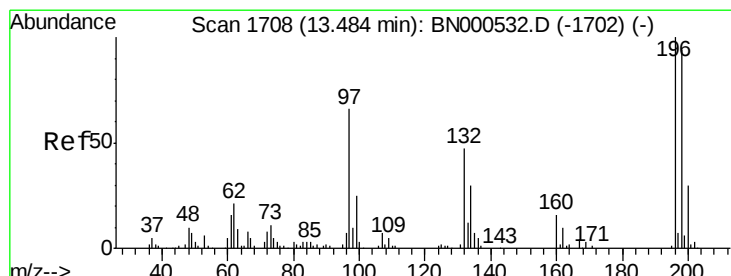
Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



Time--> 13.15 13.20 13.25



#38

2,4,6-Trichlorophenol

Concen: 19.933 ng/ul

RT: 13.48 min Scan# 1708

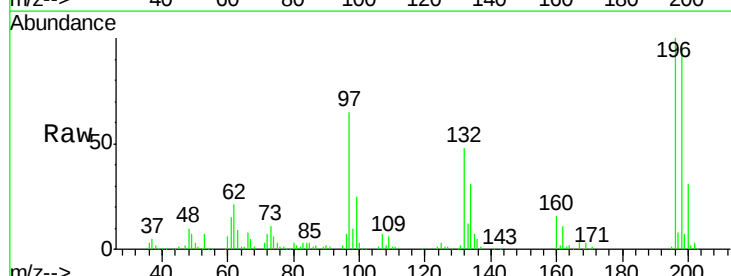
Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Tgt Ion:196 Resp: 205111

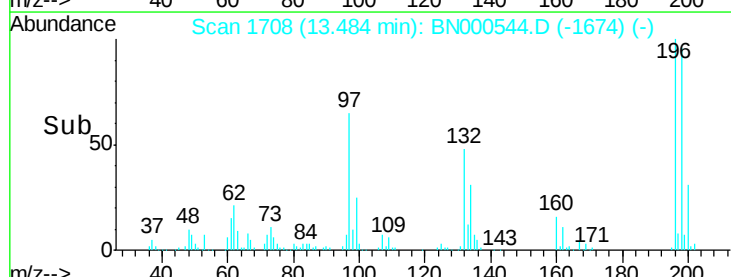
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 96.0  | 75.9  | 113.9 |
| 200 | 30.7  | 25.8  | 38.6  |



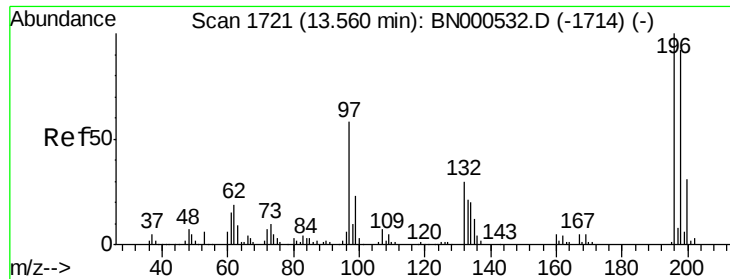
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



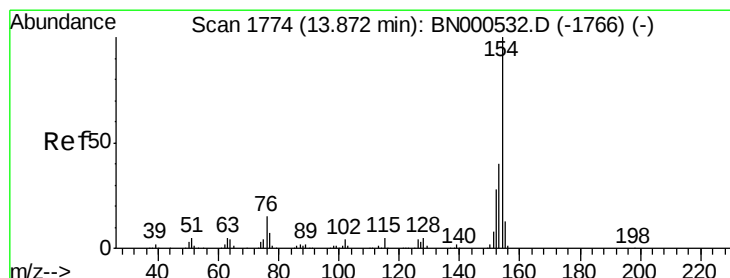
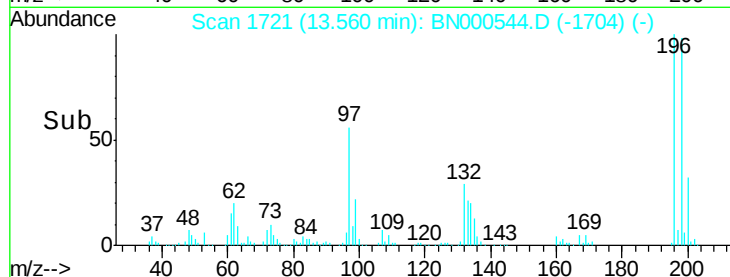
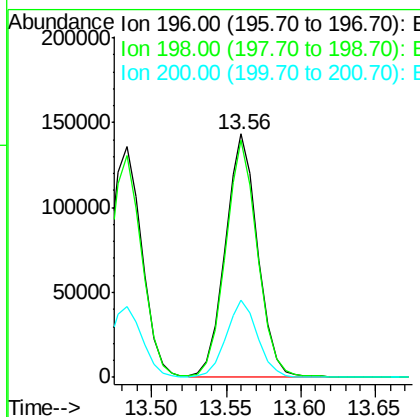
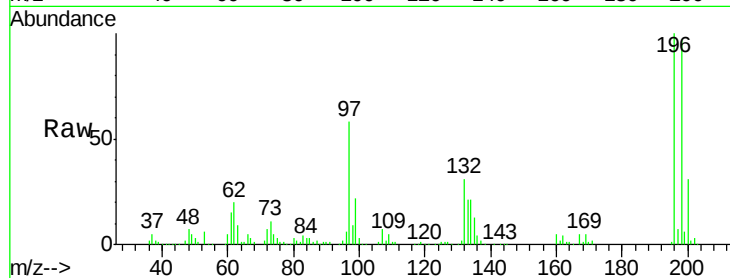
Time--> 13.45 13.50 13.55



#39  
 2,4,5-Trichlorophenol  
 Concen: 20.011 ng/ul  
 RT: 13.56 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

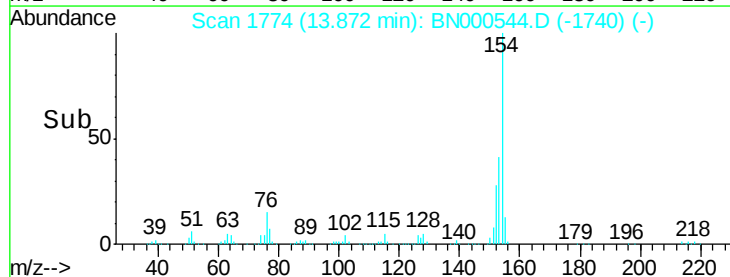
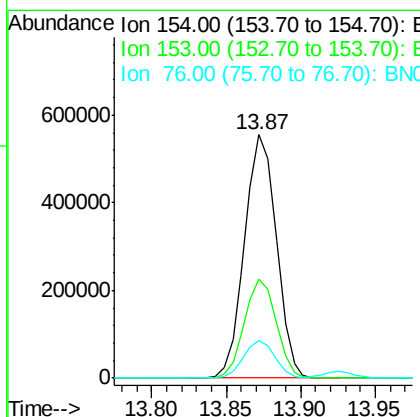
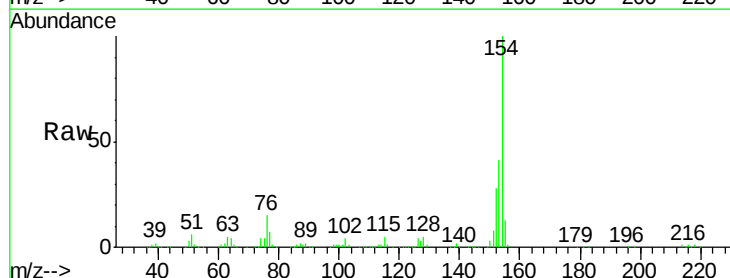
Instrument :  
 BNA\_N  
 ClientSampled :

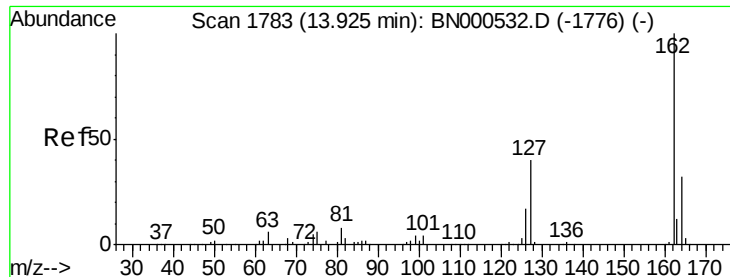
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.5  | 74.7  | 112.1 |
| 200     | 31.5  | 25.4  | 38.0  |



#40  
 1,1'-Biphenyl  
 Concen: 19.107 ng/ul  
 RT: 13.87 min Scan# 1774  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 34.0  | 51.0  |
| 76      | 15.4  | 8.4   | 12.6  |

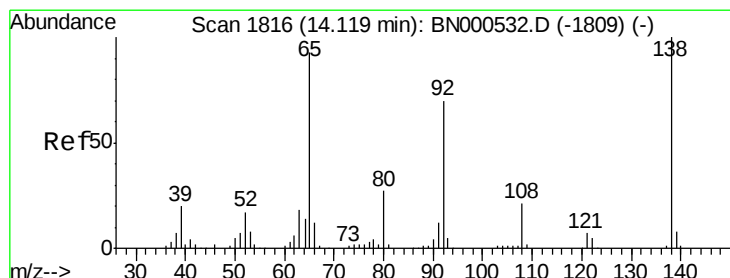
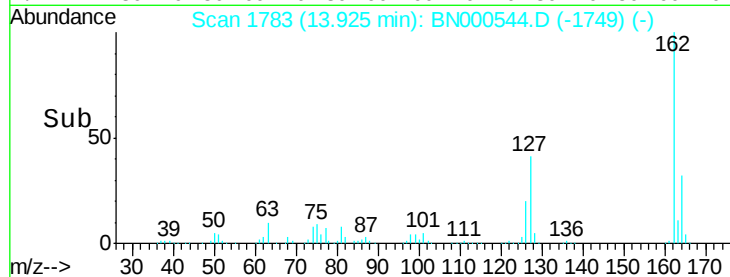
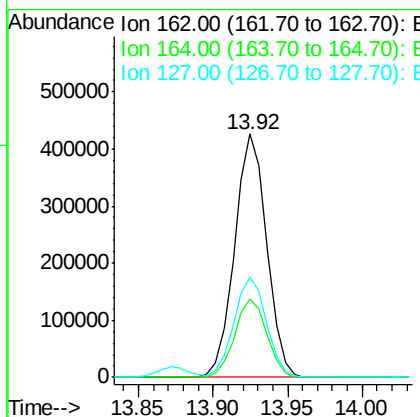
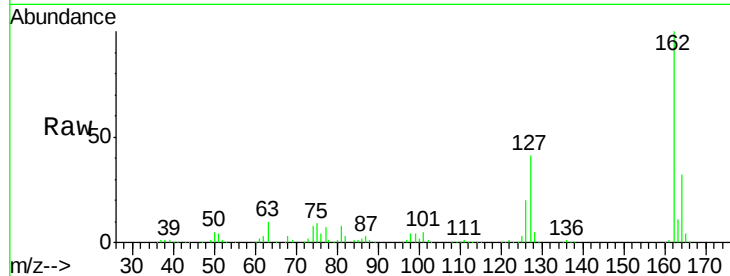




#41  
 2-Chloronaphthalene  
 Concen: 19.180 ng/ul  
 RT: 13.92 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

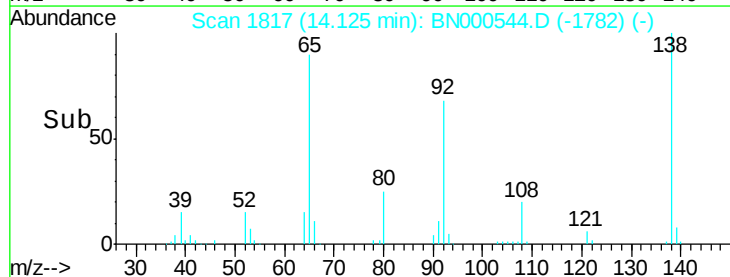
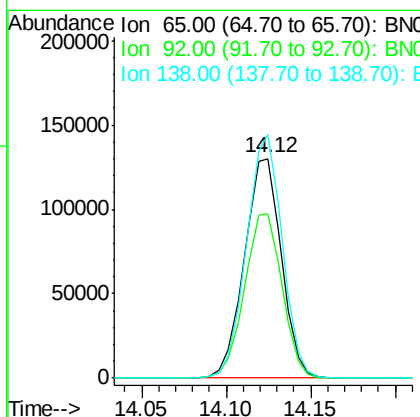
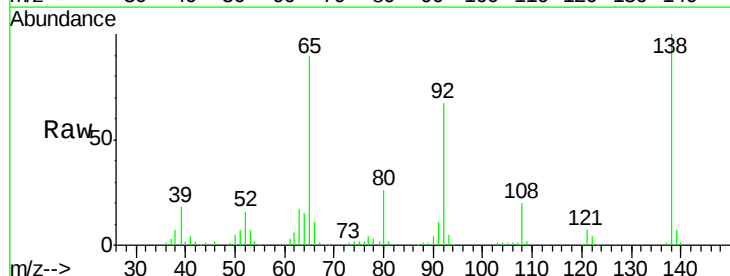
Instrument :  
 BNA\_N  
 ClientSampleId :

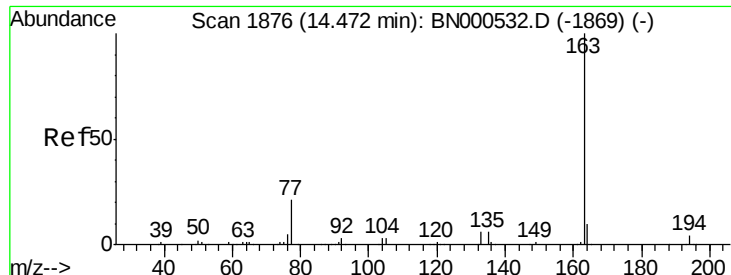
Tot Ion:162 Resp: 635521  
 Ion Ratio Lower Upper  
 162 100  
 164 32.1 26.2 39.4  
 127 41.3 29.5 44.3



#42  
 2-Nitroaniline  
 Concen: 19.769 ng/ul  
 RT: 14.12 min Scan# 1817  
 Delta R.T. 0.01 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

Tgt Ion: 65 Resp: 198468  
 Ion Ratio Lower Upper  
 65 100  
 92 74.7 57.0 85.4  
 138 110.7 87.2 130.8





#44

Dimethylphthalate

Concen: 20.209 ng/ul

RT: 14.47 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

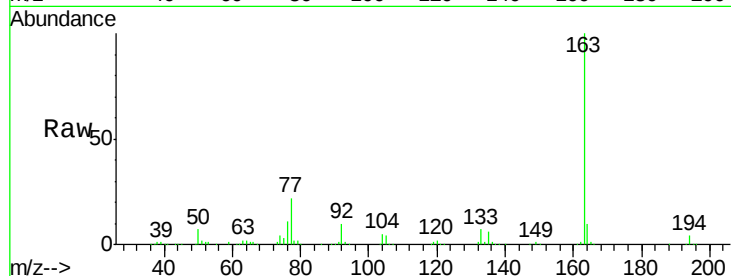
Tot Ion:163 Resp: 797463

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

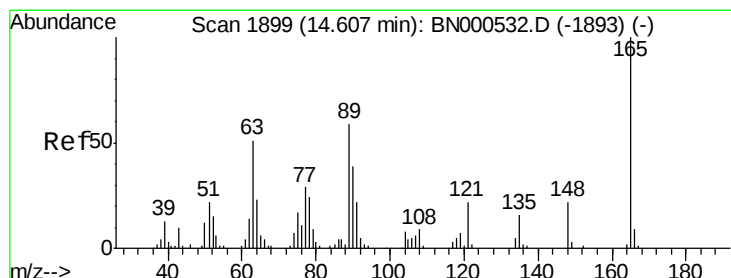
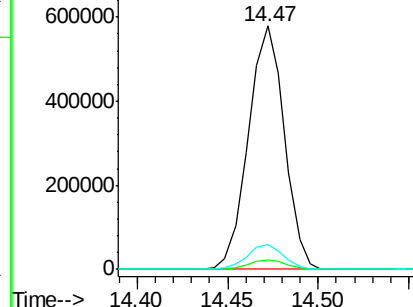
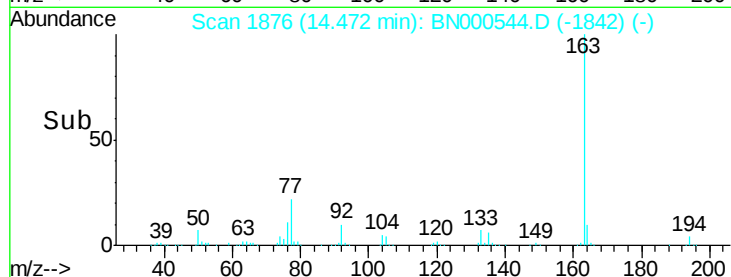
164 10.1 8.4 12.6



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: 20.295 ng/ul

RT: 14.61 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

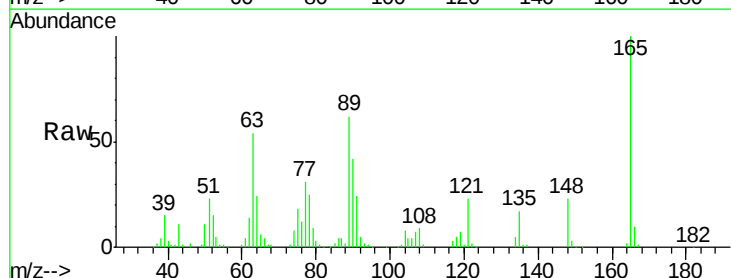
Tgt Ion:165 Resp: 161377

Ion Ratio Lower Upper

165 100

89 62.5 43.8 65.8

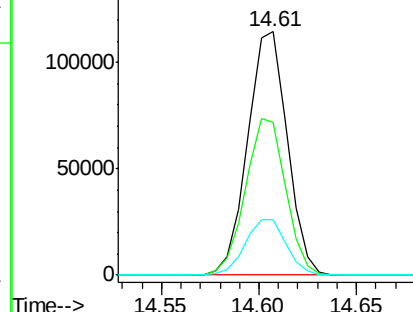
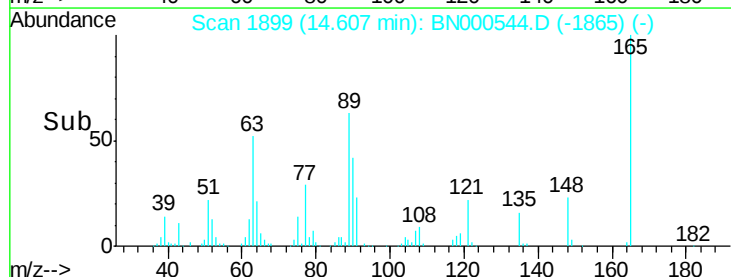
121 22.6 17.8 26.6

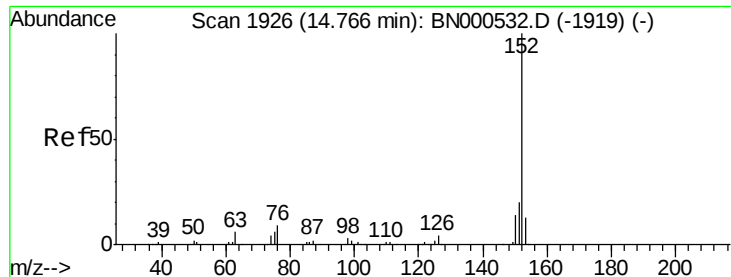


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.563 ng/ul

RT: 14.77 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

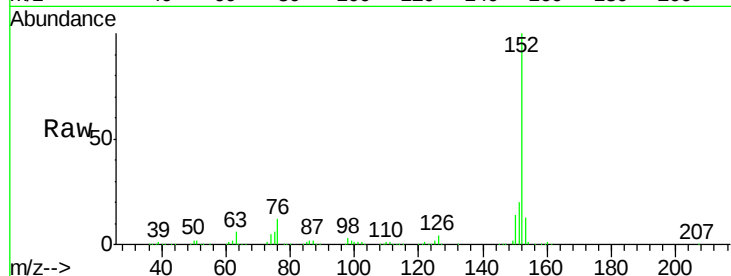
Instrument :

BNA\_N

ClientSampled :

Tot Ion:152 Resp: 1008593

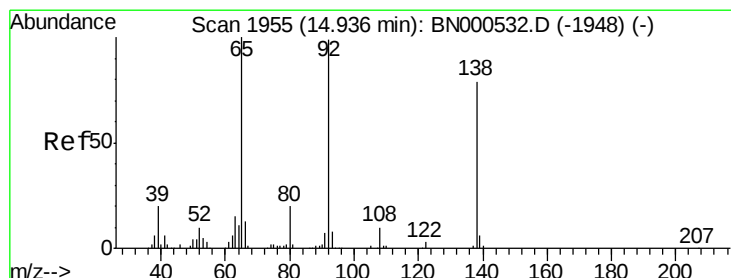
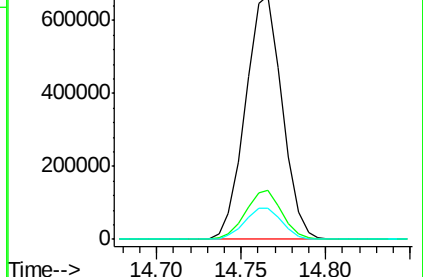
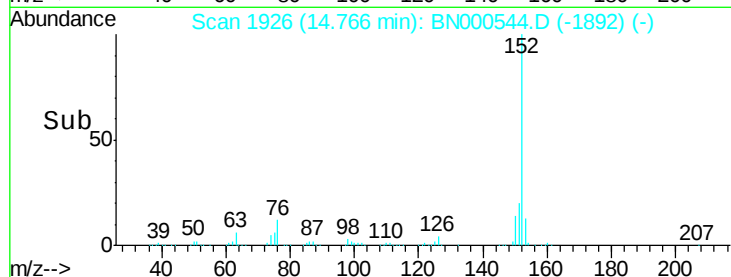
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.1  | 16.1  | 24.1  |
| 153 | 12.7  | 10.8  | 16.2  |



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: 23.060 ng/ul

RT: 14.94 min Scan# 1955

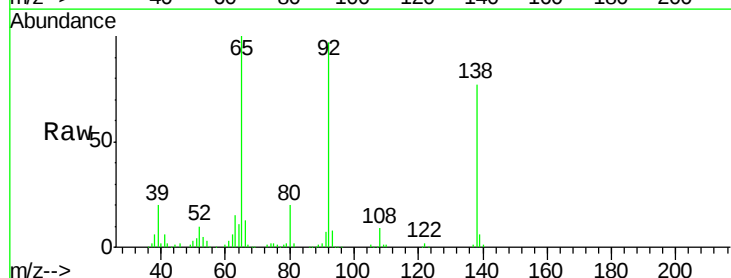
Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Tgt Ion:138 Resp: 177038

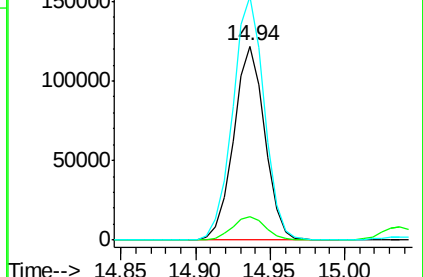
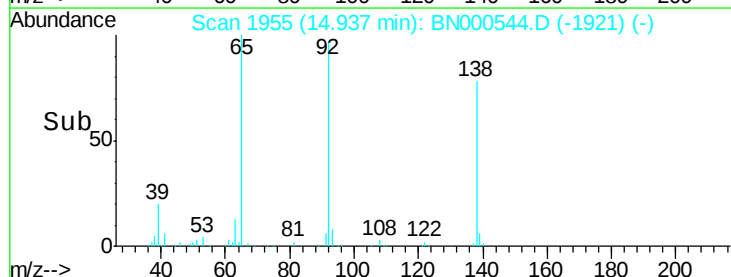
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 12.2  | 7.6   | 11.4# |
| 92  | 125.6 | 94.2  | 141.2 |

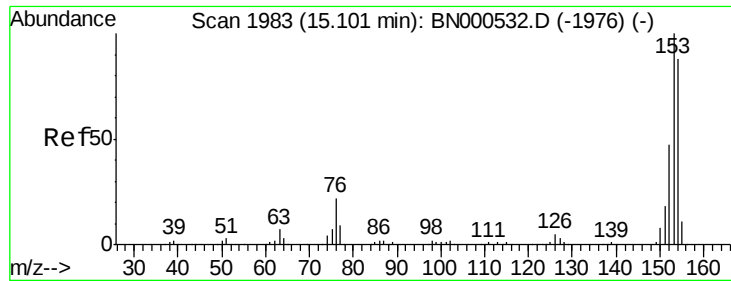


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 19.541 ng/ul

RT: 15.10 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

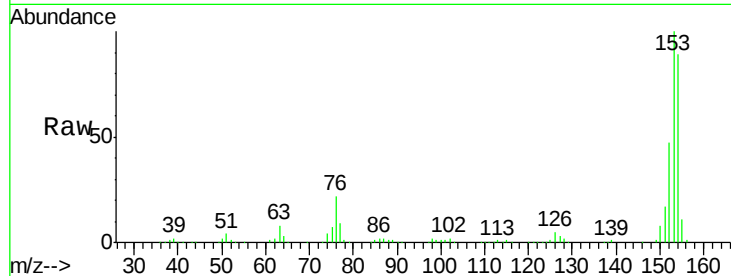
Tot Ion:153 Resp: 686912

Ion Ratio Lower Upper

153 100

152 47.3 37.9 56.9

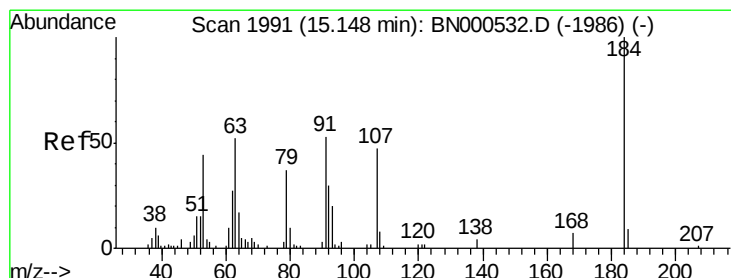
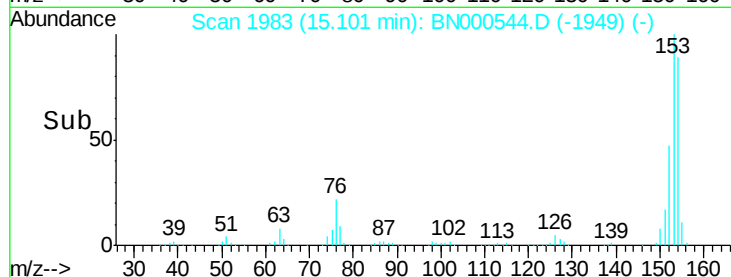
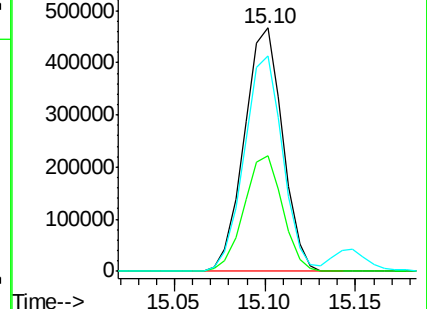
154 88.7 69.8 104.6



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: 24.726 ng/ul

RT: 15.15 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

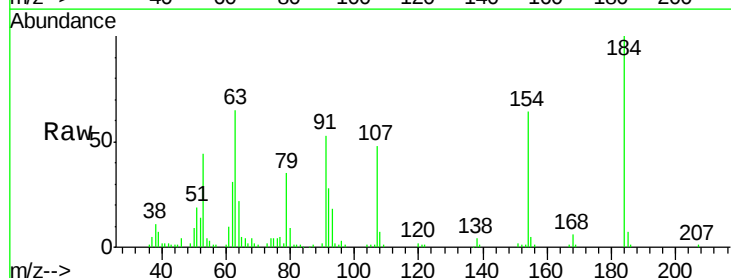
Tgt Ion:184 Resp: 92758

Ion Ratio Lower Upper

184 100

63 65.5 39.7 59.5#

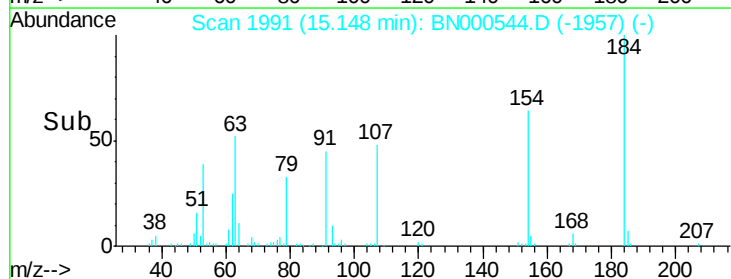
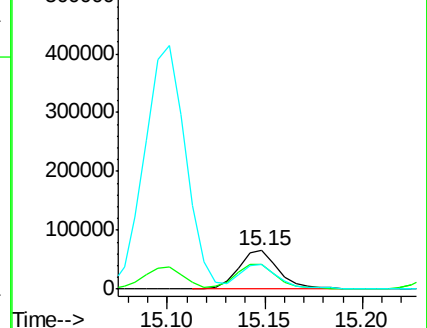
154 64.1 45.0 67.6

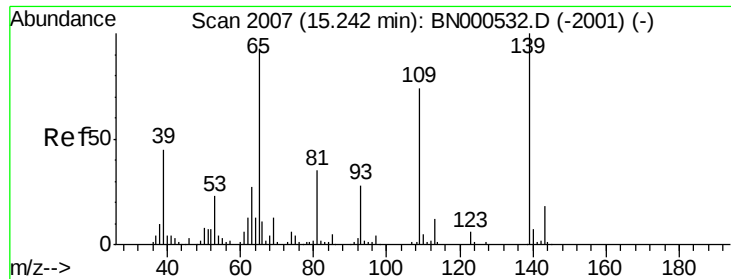


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E

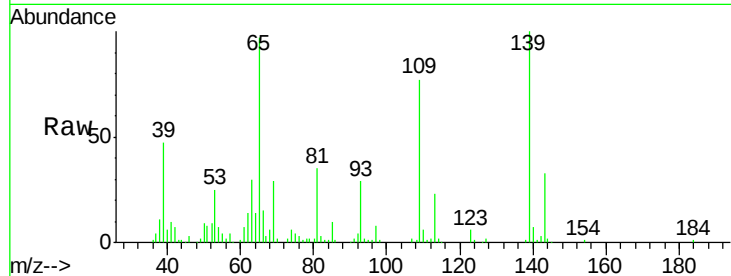




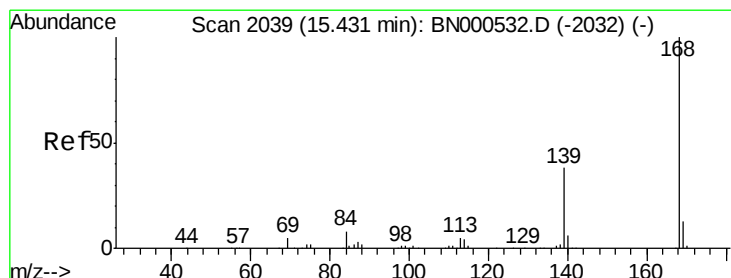
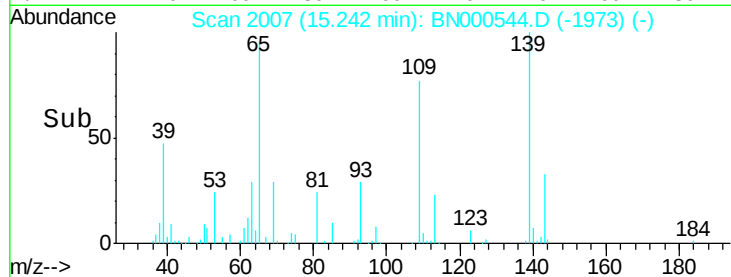
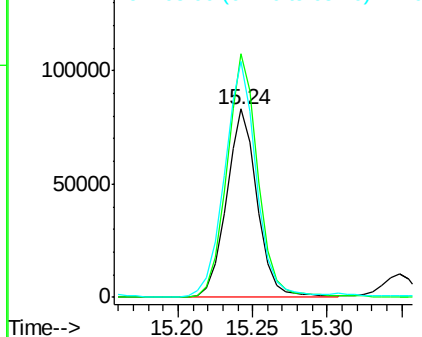
#52  
4-Nitrophenol  
Concen: 21.035 ng/ul  
RT: 15.24 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:109 Resp: 120408  
Ion Ratio Lower Upper  
109 100  
139 129.3 91.2 136.8  
65 125.6 92.6 139.0

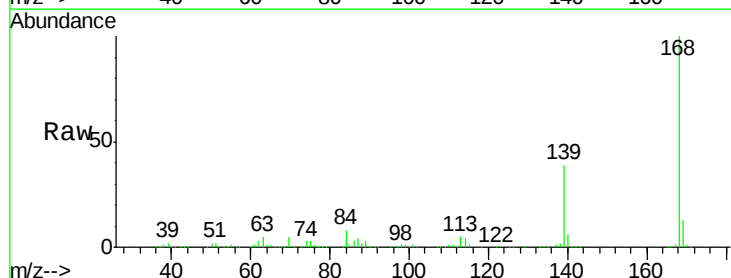


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BNC

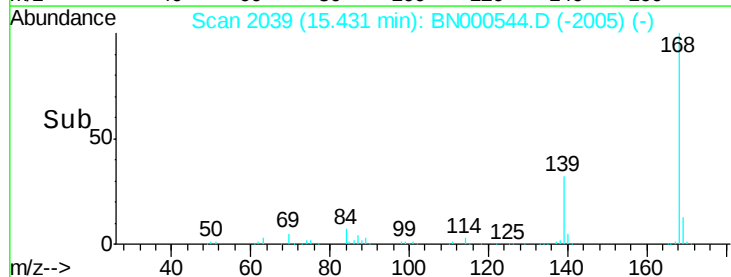
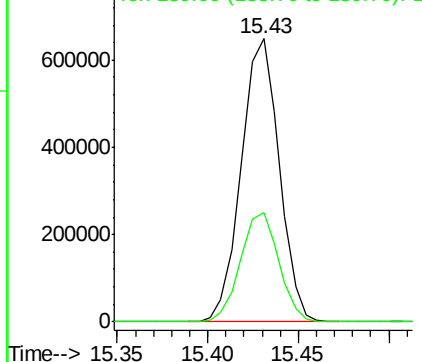


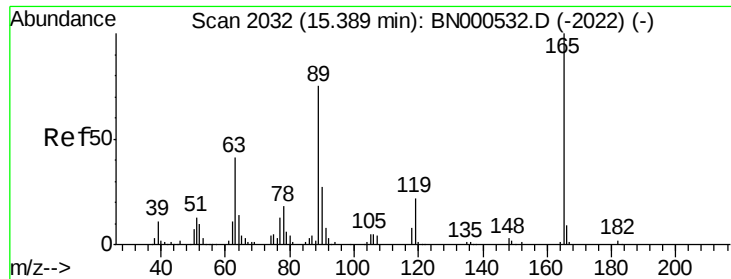
#53  
Dibenzofuran  
Concen: 19.788 ng/ul  
RT: 15.43 min Scan# 2039  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:168 Resp: 944754  
Ion Ratio Lower Upper  
168 100  
139 38.8 31.0 46.4



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

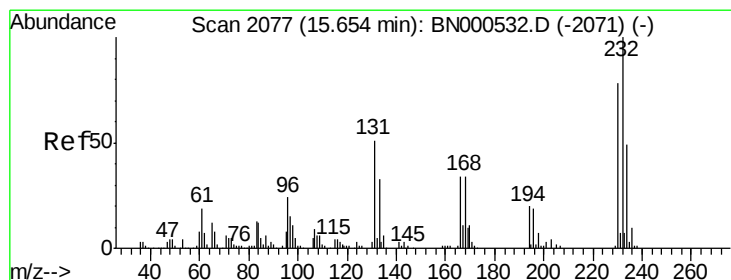
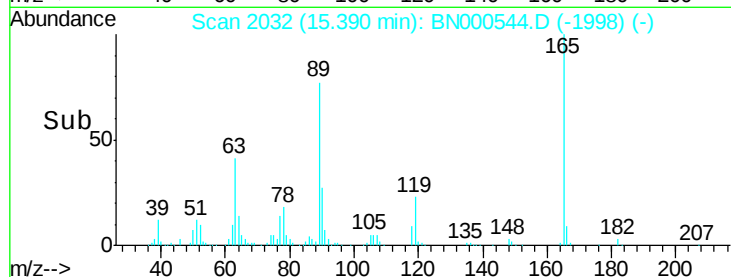
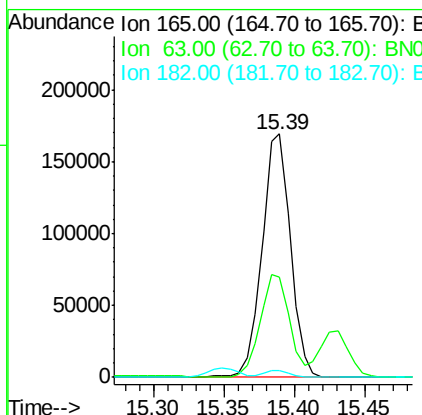
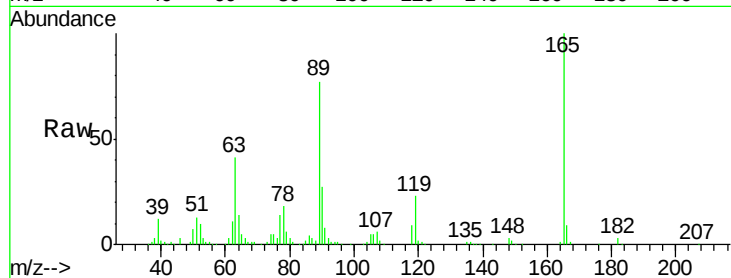




#54  
 2,4-Dinitrotoluene  
 Concen: 21.354 ng/ul  
 RT: 15.39 min Scan# 2032  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

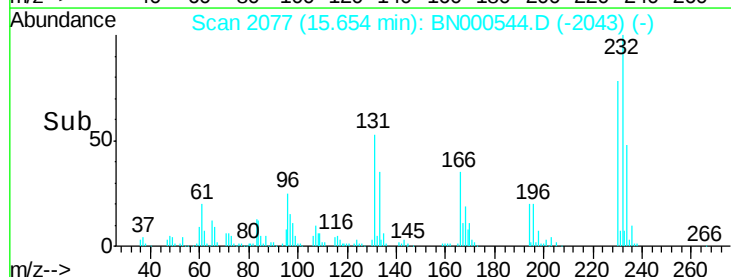
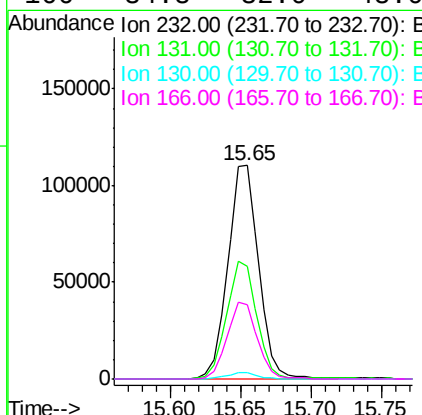
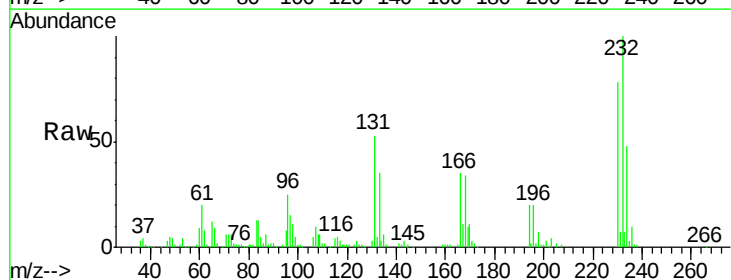
Instrument :  
 BNA\_N  
 ClientSampleId :

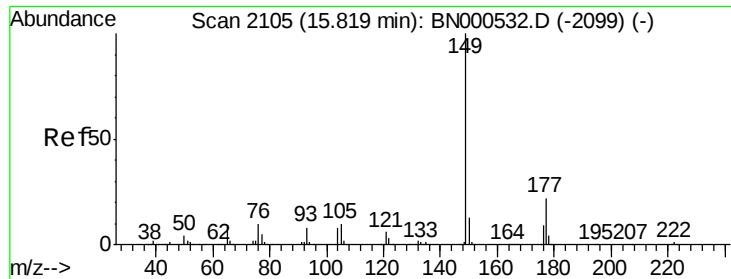
Tot Ion:165 Resp: 240730  
 Ion Ratio Lower Upper  
 165 100  
 63 41.4 31.4 47.0  
 182 2.7 2.7 4.1



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 20.435 ng/ul  
 RT: 15.65 min Scan# 2077  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

Tgt Ion:232 Resp: 167429  
 Ion Ratio Lower Upper  
 232 100  
 131 52.9 48.0 72.0  
 130 3.0 4.0 6.0#  
 166 34.8 32.0 48.0





#56

Diethylphthalate

Concen: 20.664 ng/ul

RT: 15.82 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampled :

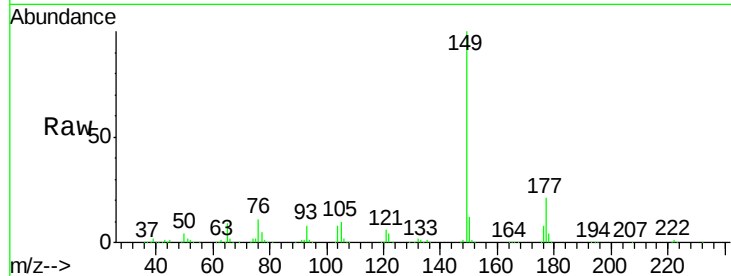
Tot Ion:149 Resp: 832284

Ion Ratio Lower Upper

149 100

177 21.3 19.3 28.9

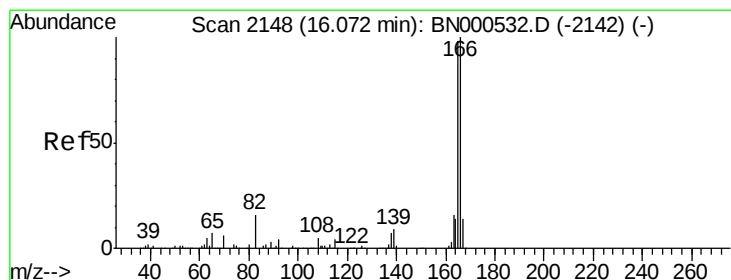
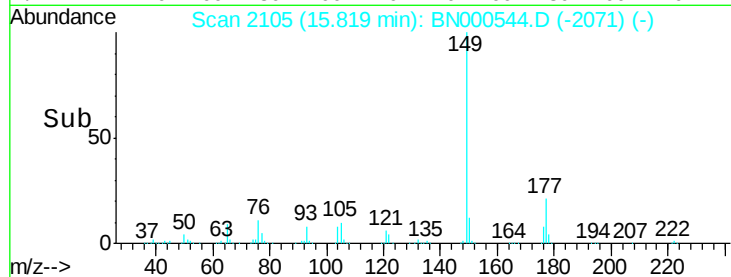
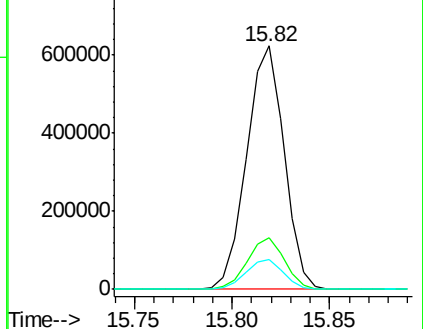
150 12.2 10.6 15.8



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: 20.025 ng/ul

RT: 16.07 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

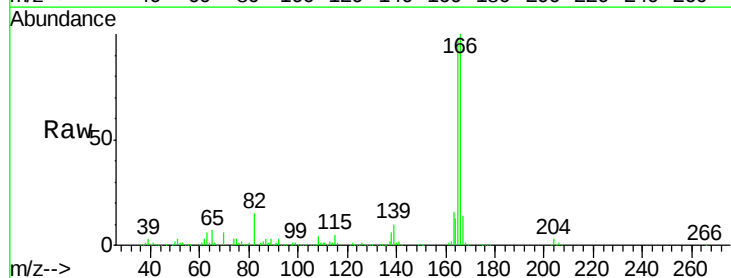
Tgt Ion:166 Resp: 759747

Ion Ratio Lower Upper

166 100

165 98.2 78.4 117.6

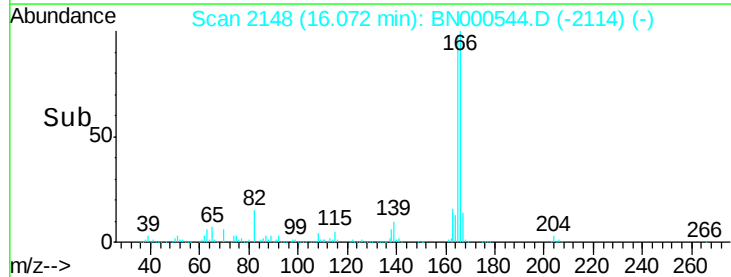
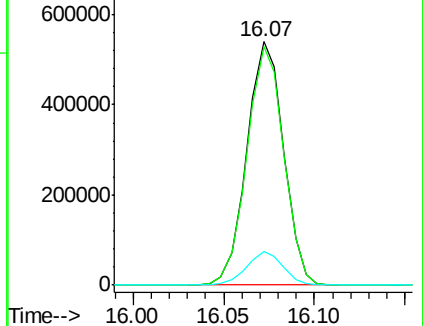
167 13.6 11.1 16.7

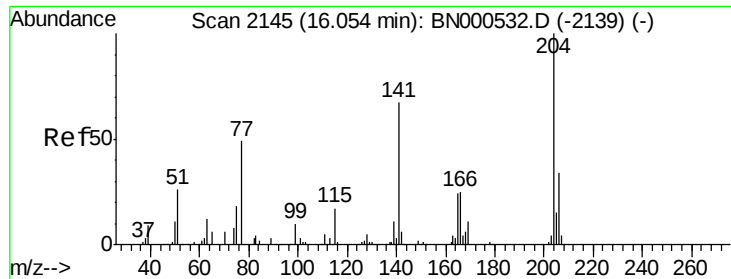


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

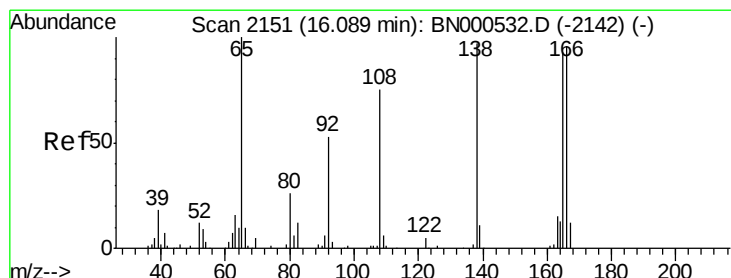
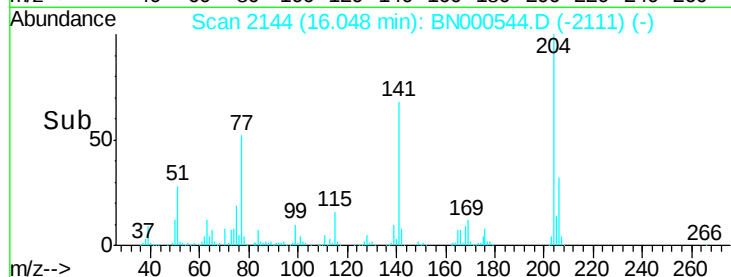
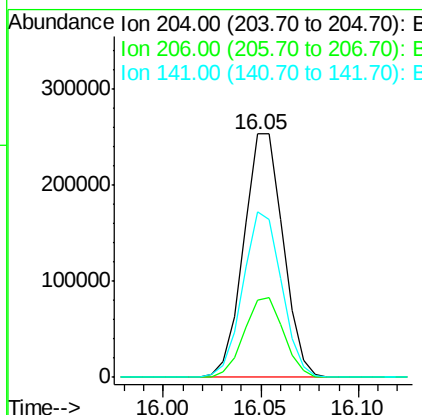
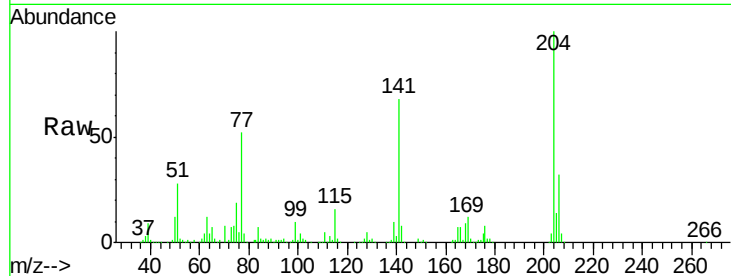




#59  
4-Chlorophenyl-phenylether  
Concen: 20.222 ng/ul  
RT: 16.05 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

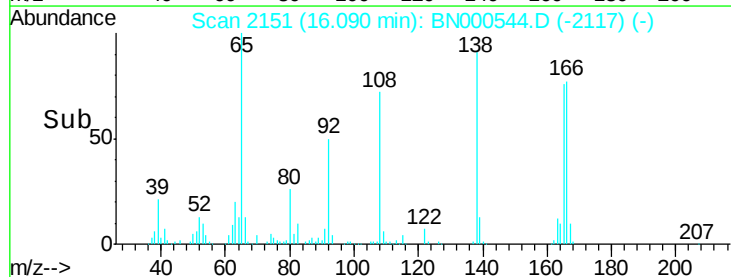
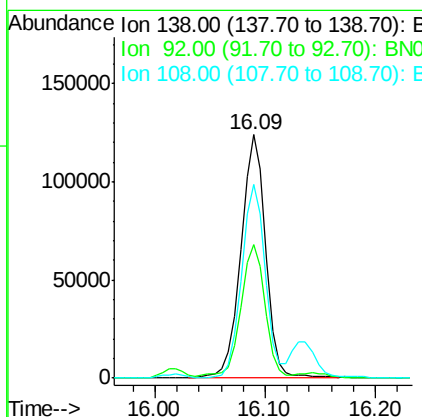
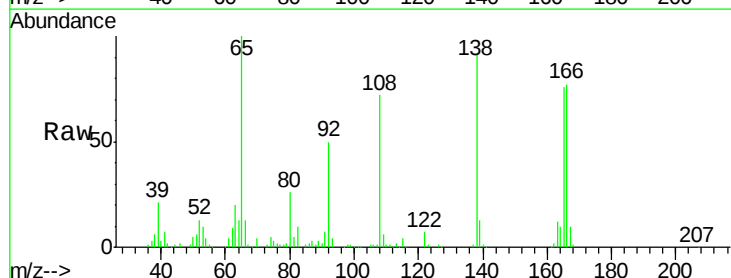
Instrument :  
BNA\_N  
ClientSampleId :

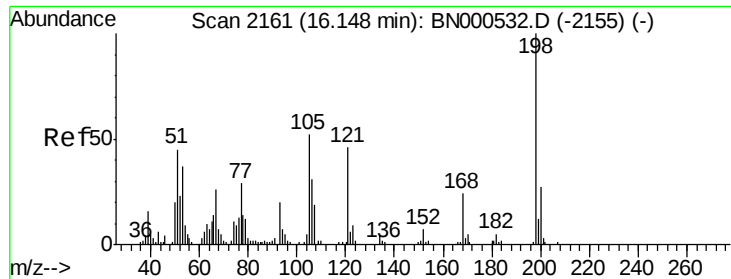
Tot Ion:204 Resp: 354518  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.6 40.0  
141 68.1 40.7 61.1#



#60  
4-Nitroaniline  
Concen: 22.746 ng/ul  
RT: 16.09 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:138 Resp: 196183  
Ion Ratio Lower Upper  
138 100  
92 55.0 38.2 57.4  
108 79.3 70.0 105.0

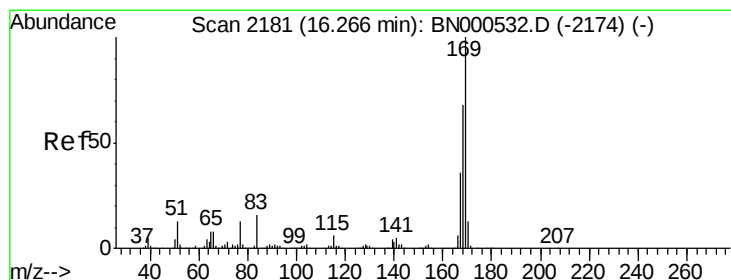
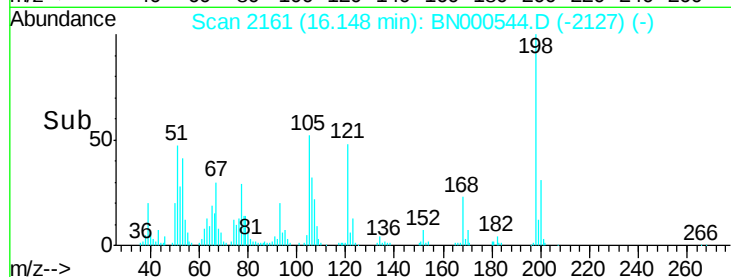
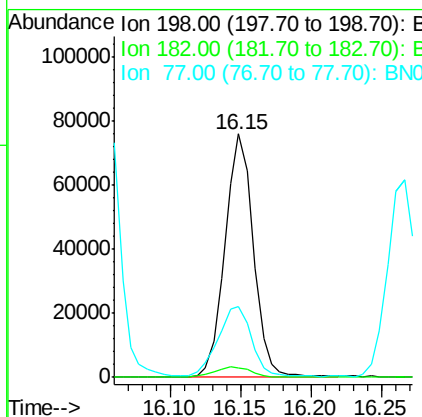
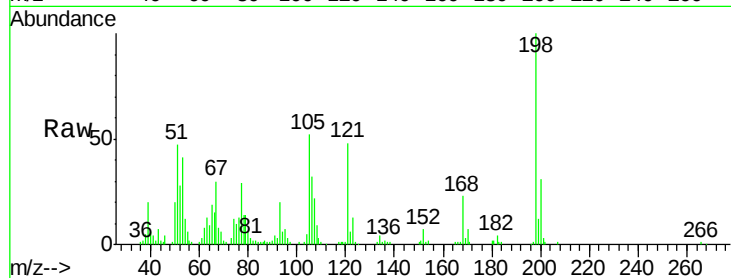




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 16.492 ng/ul  
 RT: 16.15 min Scan# 2161  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

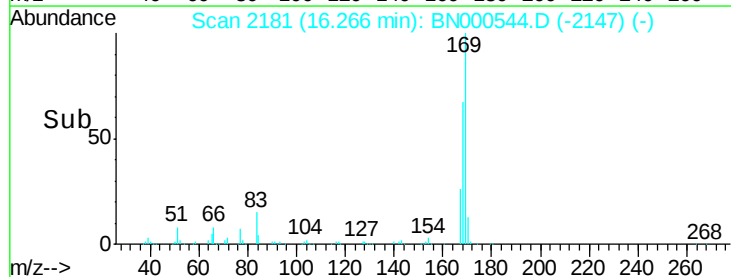
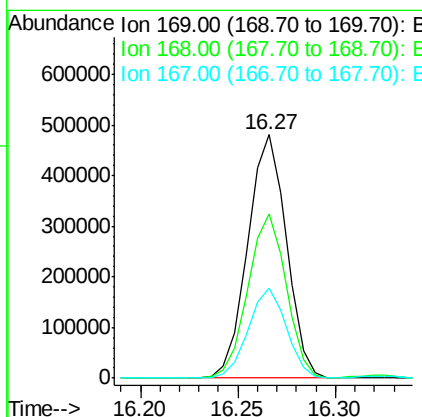
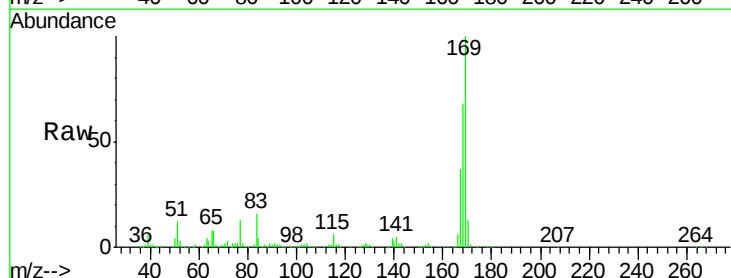
Instrument :  
 BNA\_N  
 ClientSampled :

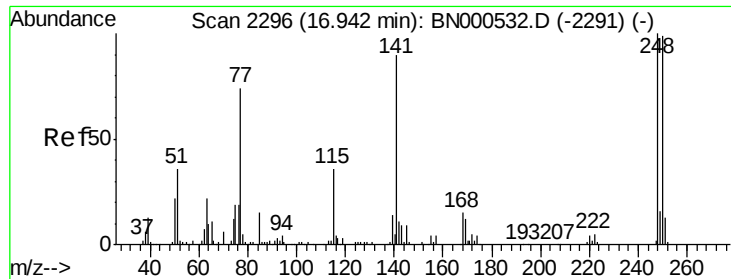
Tot Ion:198 Resp: 107004  
 Ion Ratio Lower Upper  
 198 100  
 182 4.0 3.5 5.3  
 77 29.1 18.2 27.4#



#64  
 N-Nitrosodiphenylamine  
 Concen: 18.678 ng/ul  
 RT: 16.27 min Scan# 2181  
 Delta R.T. 0.00 min  
 Lab File: BN000544.D  
 Acq: 22 Mar 2018 17:20

Tgt Ion:169 Resp: 660307  
 Ion Ratio Lower Upper  
 169 100  
 168 67.5 53.8 80.8  
 167 36.7 29.5 44.3

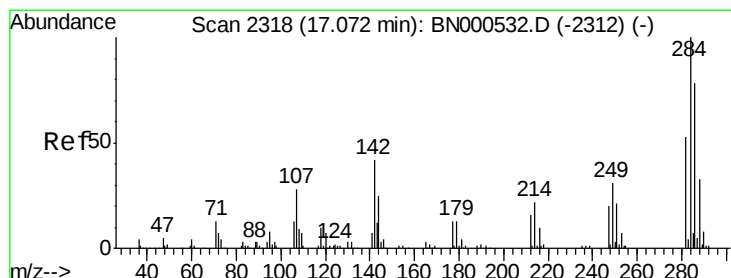
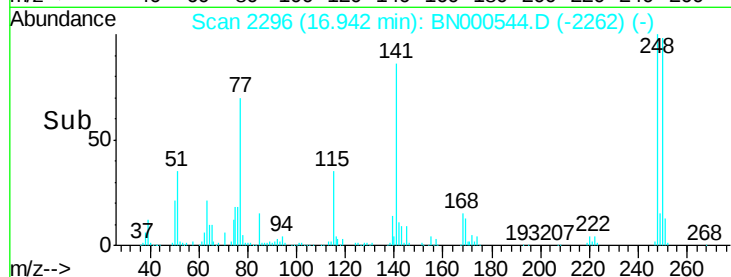
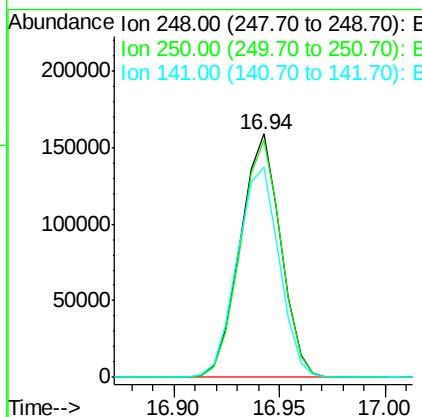
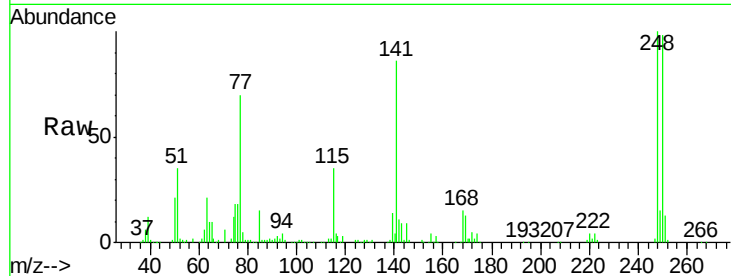




#65  
4-Bromophenyl-phenylether  
Concen: 19.311 ng/ul  
RT: 16.94 min Scan# 2296  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

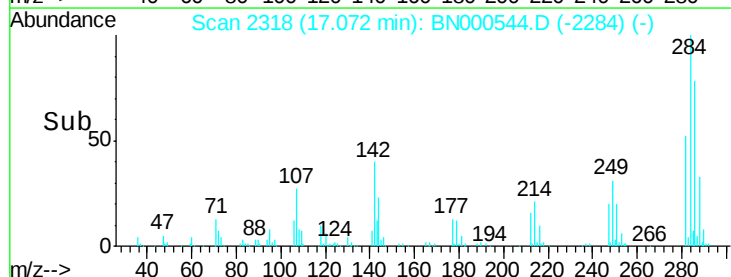
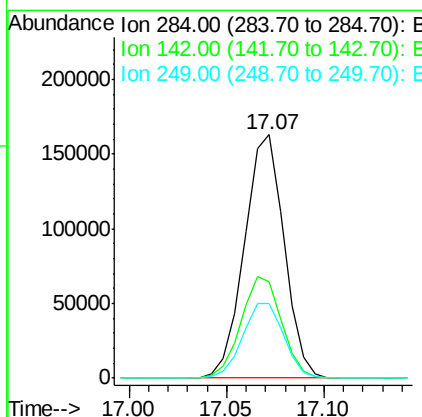
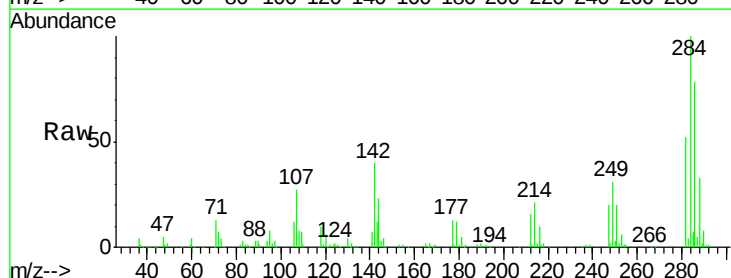
Instrument :  
BNA\_N  
ClientSampleId :

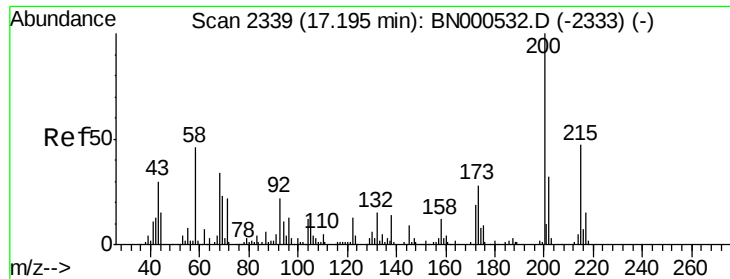
Tot Ion:248 Resp: 211233  
Ion Ratio Lower Upper  
248 100  
250 97.6 79.0 118.4  
141 86.3 51.9 77.9#



#66  
Hexachlorobenzene  
Concen: 19.899 ng/ul  
RT: 17.07 min Scan# 2318  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:284 Resp: 229823  
Ion Ratio Lower Upper  
284 100  
142 39.7 21.3 31.9#  
249 30.8 26.3 39.5

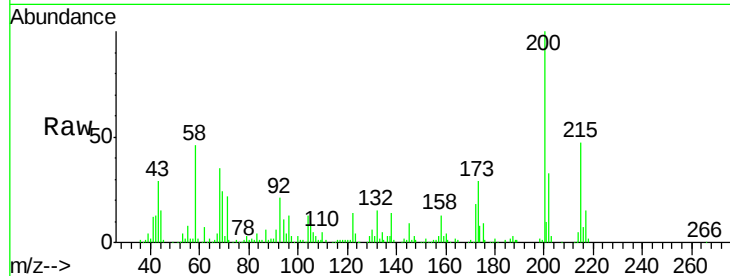




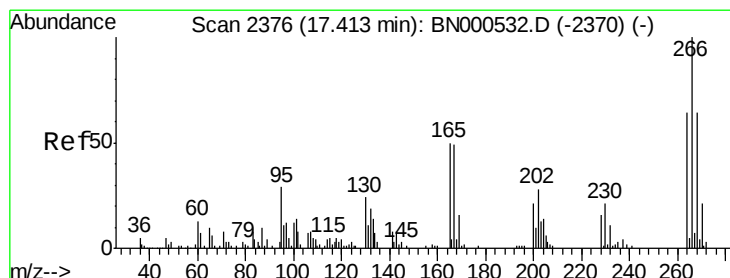
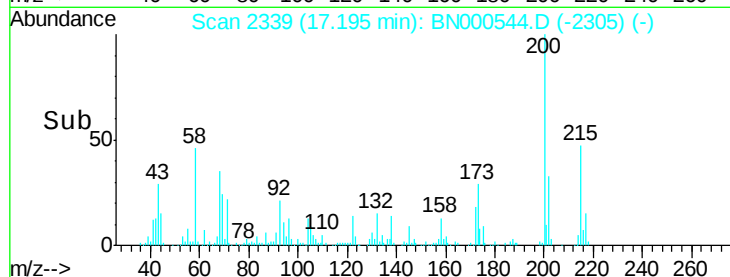
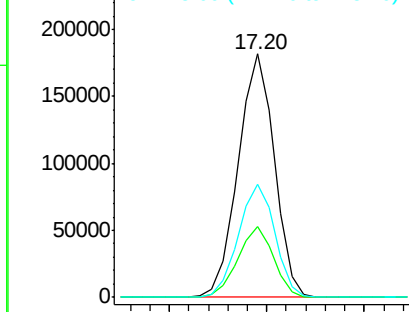
#67  
Atrazine  
Concen: 21.954 ng/ul  
RT: 17.20 min Scan# 2339  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Instrument :  
BNA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.0  | 20.6  | 31.0  |
| 215     | 46.7  | 39.8  | 59.6  |

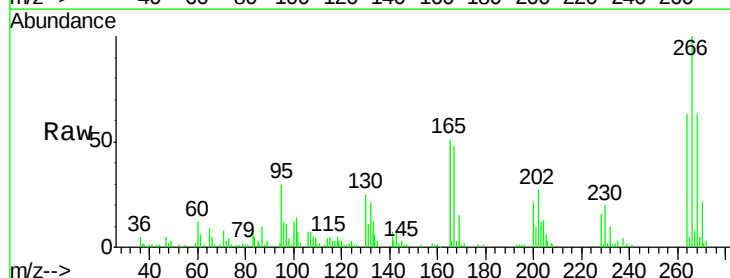


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

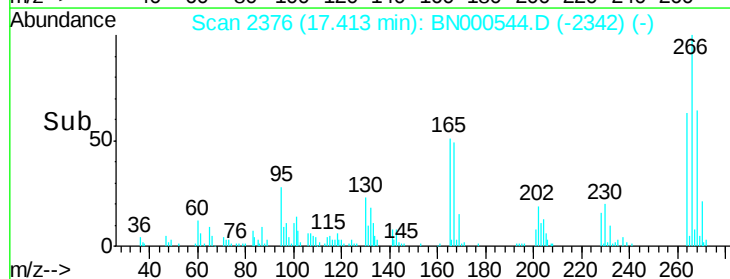
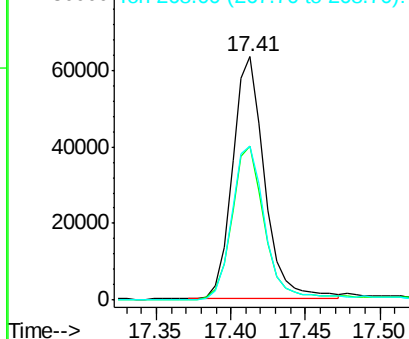


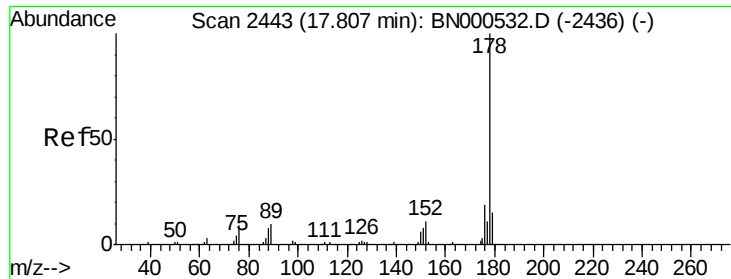
#68  
Pentachlorophenol  
Concen: 15.588 ng/ul  
RT: 17.41 min Scan# 2376  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.0  | 48.2  | 72.4  |
| 268     | 63.3  | 52.3  | 78.5  |



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

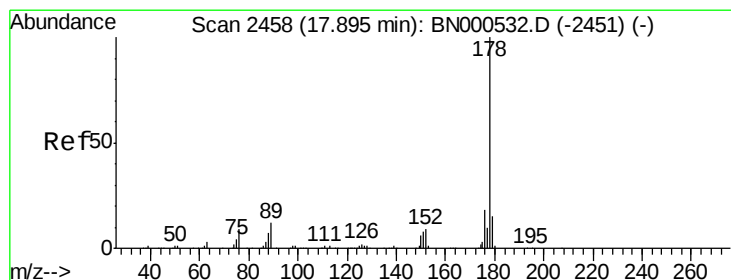
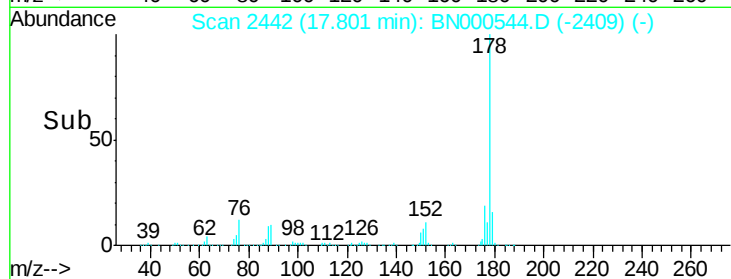
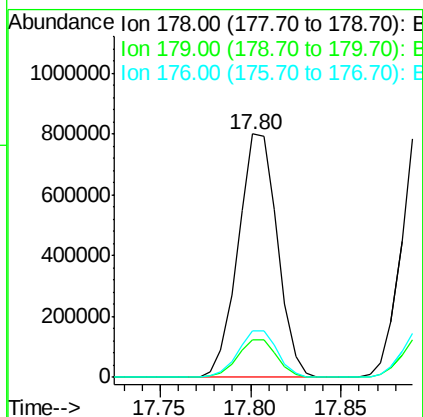
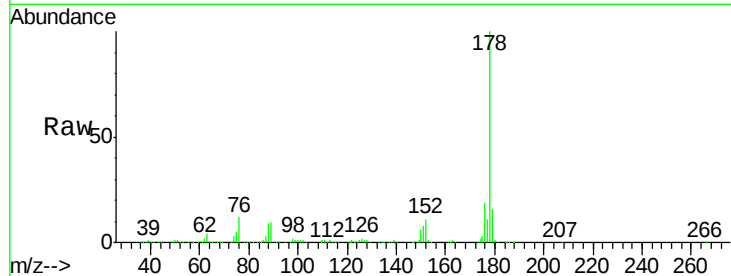




#69  
Phenanthrene  
Concen: 19.337 ng/ul  
RT: 17.80 min Scan# 2442  
Delta R.T. -0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

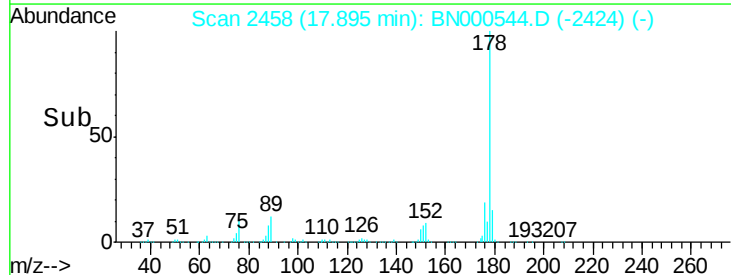
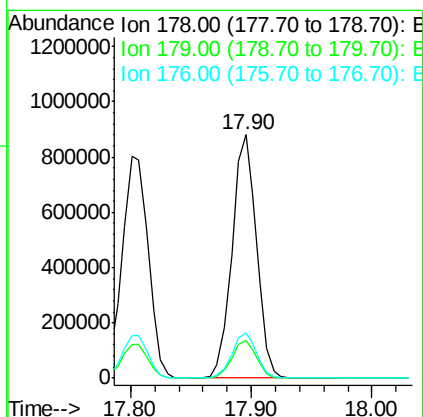
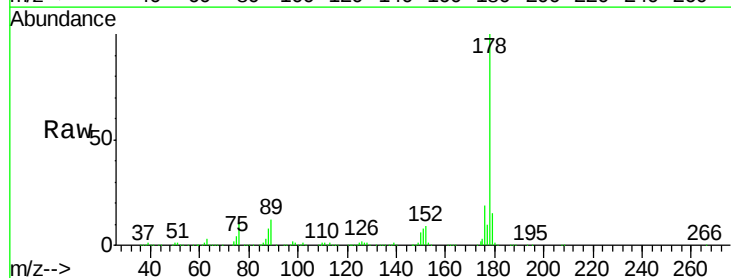
Instrument :  
BNA\_N  
ClientSampled :

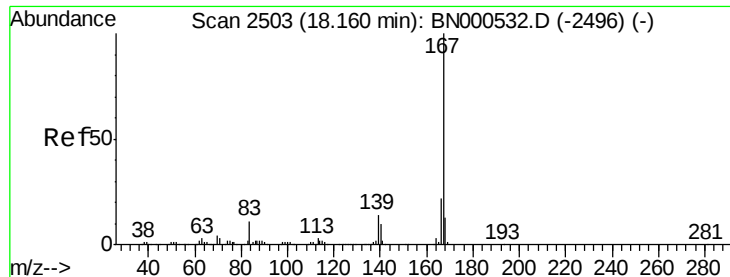
Tot Ion:178 Resp: 1195473  
Ion Ratio Lower Upper  
178 100  
179 15.5 12.3 18.5  
176 19.1 15.4 23.0



#71  
Anthracene  
Concen: 19.458 ng/ul  
RT: 17.90 min Scan# 2458  
Delta R.T. 0.00 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:178 Resp: 1233488  
Ion Ratio Lower Upper  
178 100  
179 15.5 13.4 20.2  
176 18.8 15.4 23.0





#72

Carbazole

Concen: 21.012 ng/ul

RT: 18.16 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

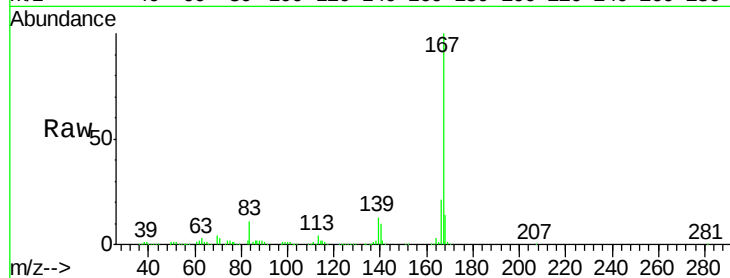
Tot Ion:167 Resp: 1142246

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

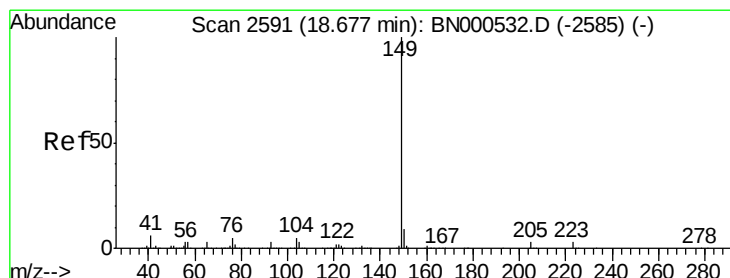
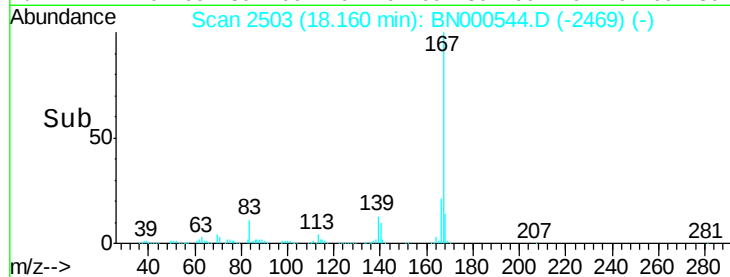
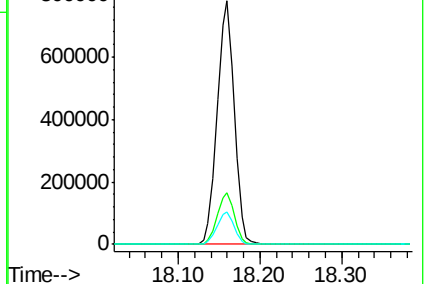
139 13.4 9.1 13.7



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



#73

Di-n-butylphthalate

Concen: 19.986 ng/ul

RT: 18.68 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

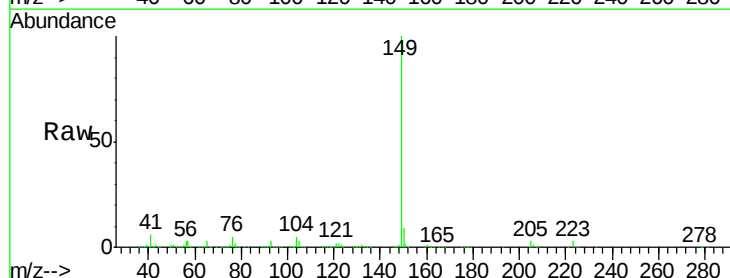
Tgt Ion:149 Resp: 1477484

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

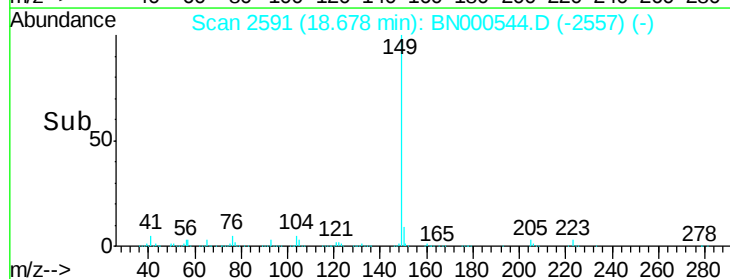
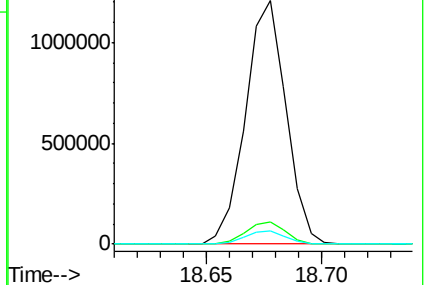
104 5.2 4.1 6.1

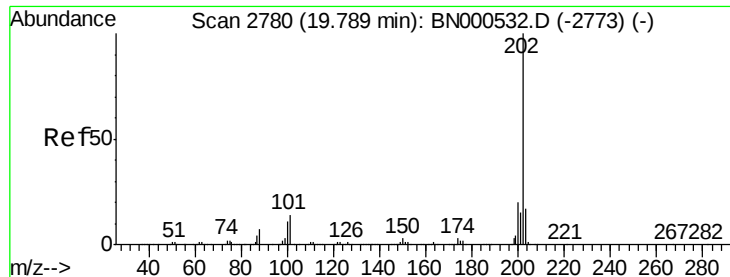


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 22.016 ng/ul

RT: 19.78 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

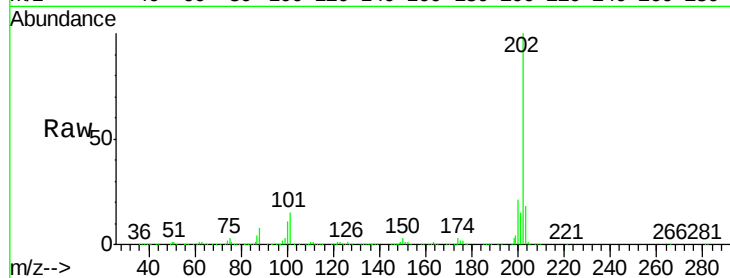
Tot Ion:202 Resp: 1352509

Ion Ratio Lower Upper

202 100

101 14.9 6.1 9.1#

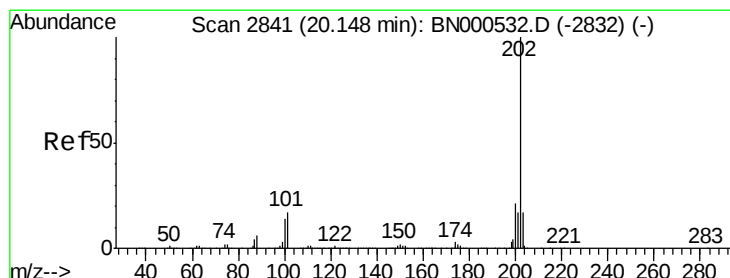
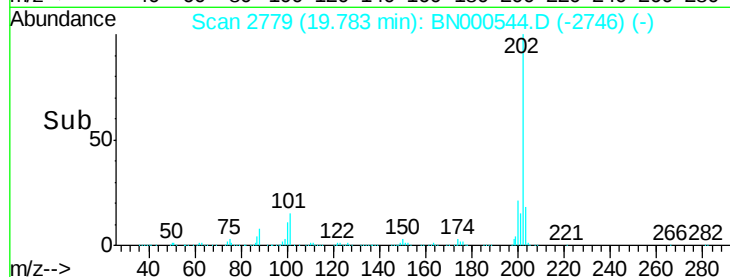
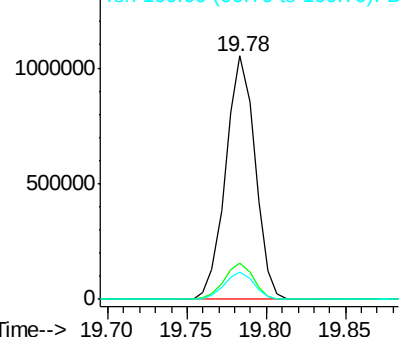
100 11.4 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 17.790 ng/ul

RT: 20.14 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

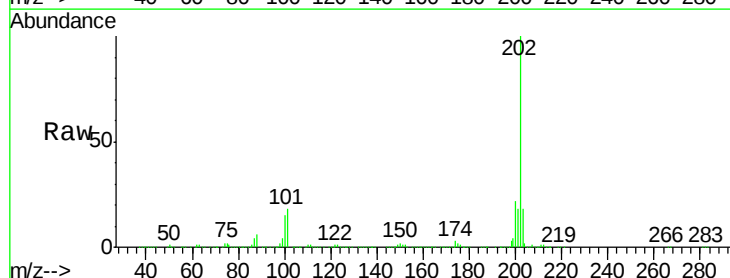
Tgt Ion:202 Resp: 1366895

Ion Ratio Lower Upper

202 100

101 18.0 6.9 10.3#

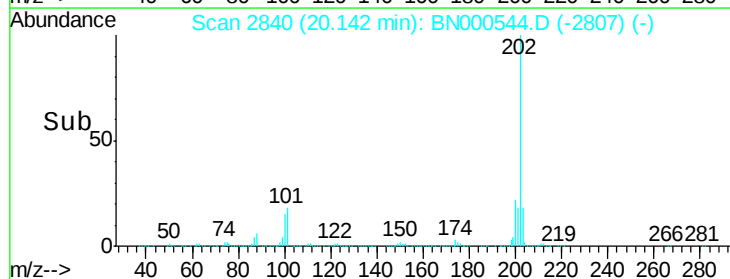
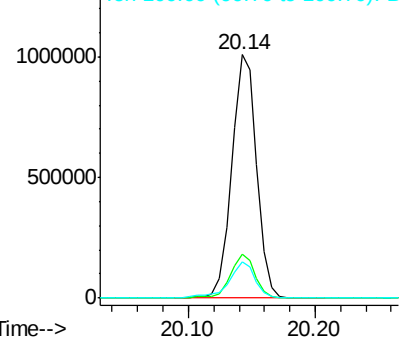
100 14.9 5.6 8.4#

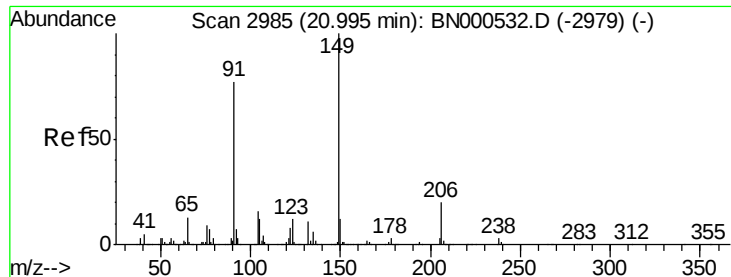


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

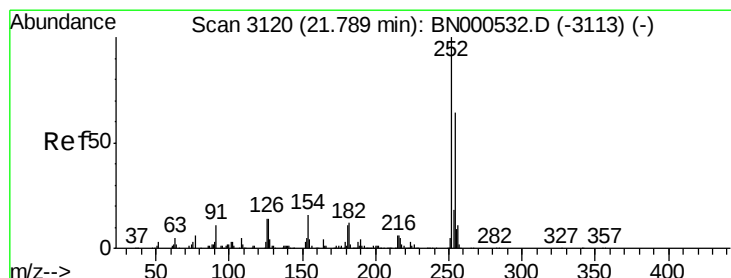
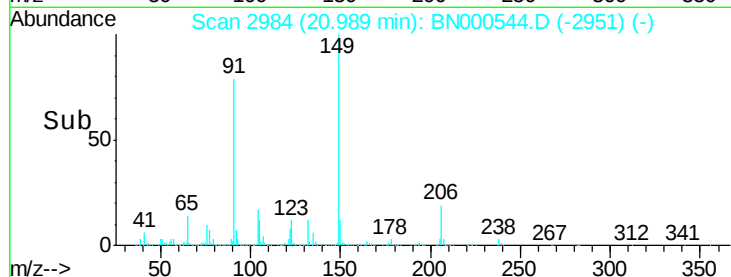
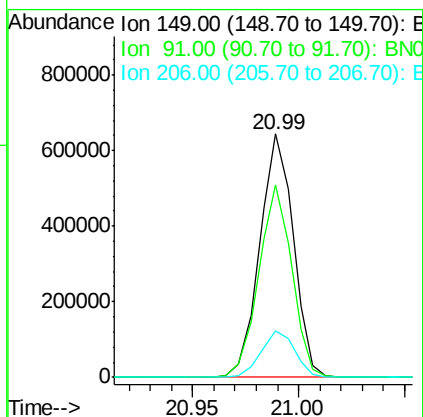
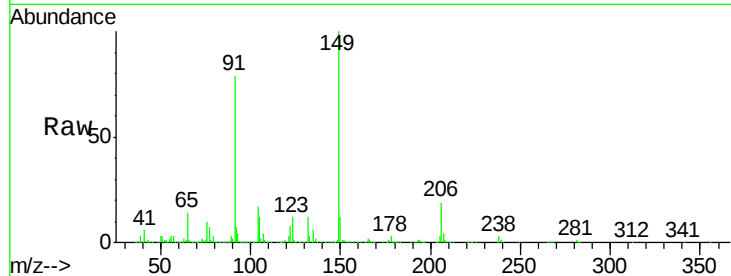




#78  
Butylbenzylphthalate  
Concen: 18.650 ng/ul  
RT: 20.99 min Scan# 2984  
Delta R.T. -0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

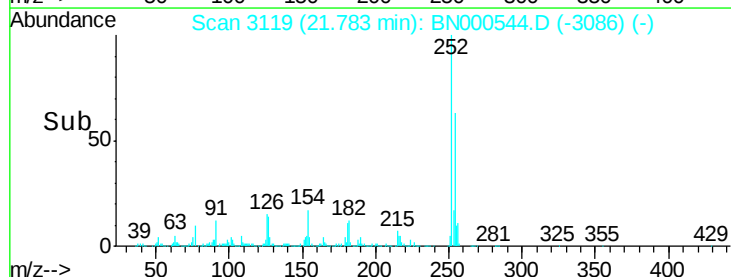
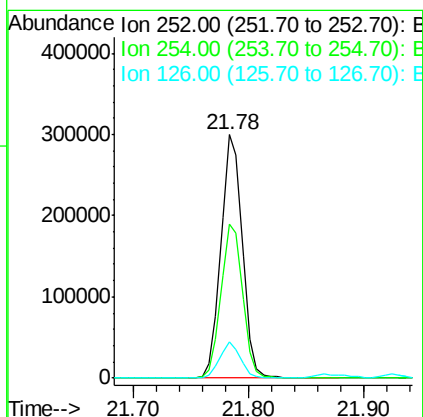
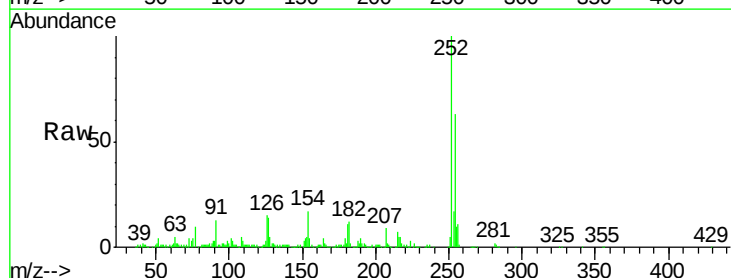
Instrument :  
BNA\_N  
ClientSampleId :

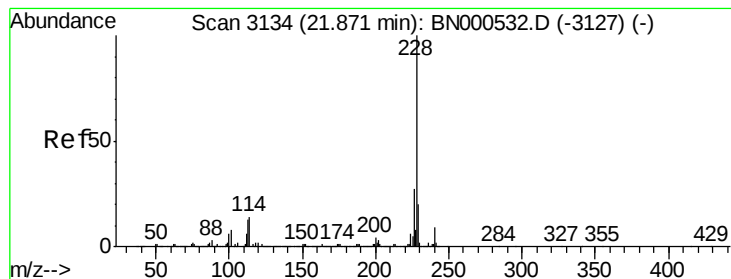
Tot Ion:149 Resp: 711775  
Ion Ratio Lower Upper  
149 100  
91 78.8 53.4 80.0  
206 19.2 19.3 28.9#



#79  
3,3'-Dichlorobenzidine  
Concen: 18.749 ng/ul  
RT: 21.78 min Scan# 3119  
Delta R.T. -0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:252 Resp: 385315  
Ion Ratio Lower Upper  
252 100  
254 63.0 52.8 79.2  
126 14.7 6.9 10.3#





#80

Benzo(a)anthracene

Concen: 18.841 ng/ul

RT: 21.87 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

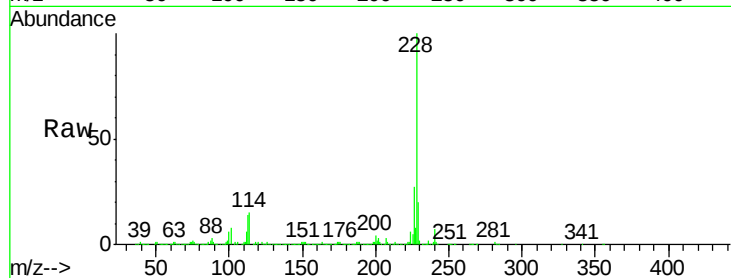
Tot Ion:228 Resp: 1320574

Ion Ratio Lower Upper

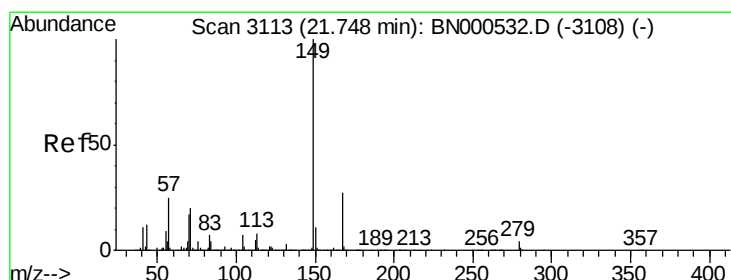
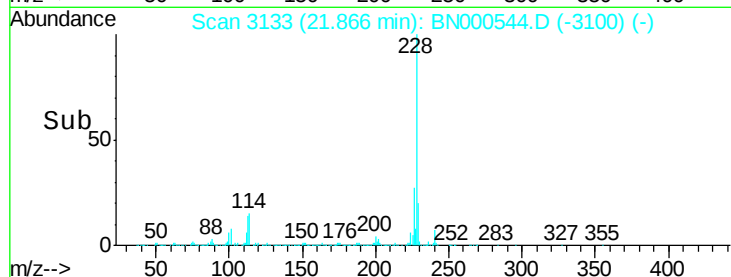
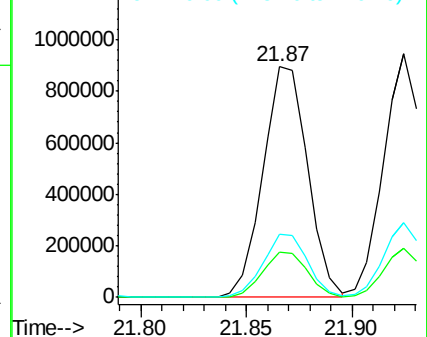
228 100

229 19.6 16.0 24.0

226 27.2 21.8 32.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 18.580 ng/ul

RT: 21.74 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

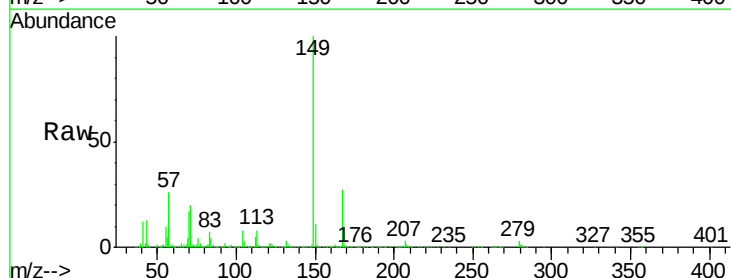
Tgt Ion:149 Resp: 1029470

Ion Ratio Lower Upper

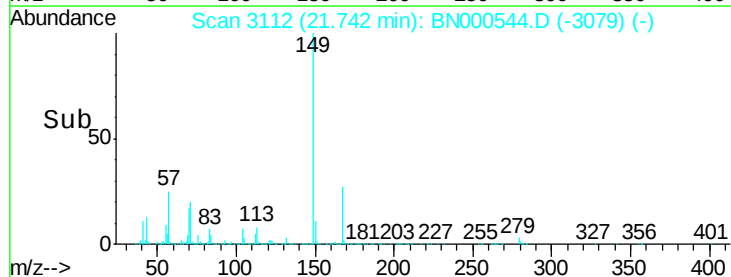
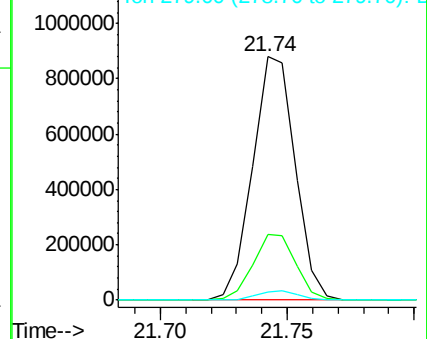
149 100

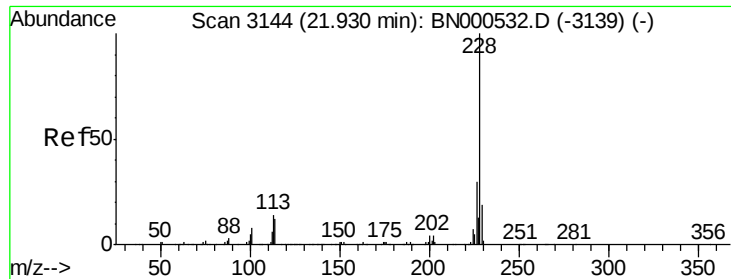
167 27.0 23.0 34.6

279 3.4 4.3 6.5#



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





#82

Chrysene

Concen: 18.717 ng/ul

RT: 21.92 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

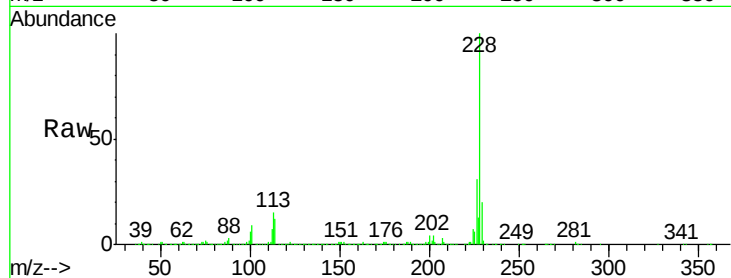
Tot Ion:228 Resp: 1229834

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

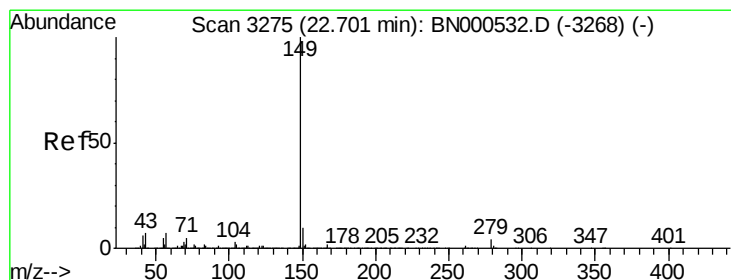
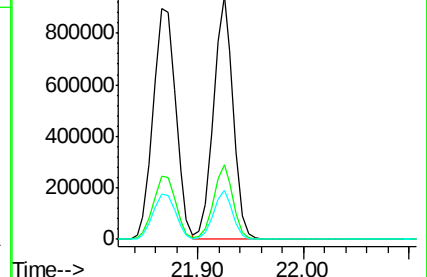
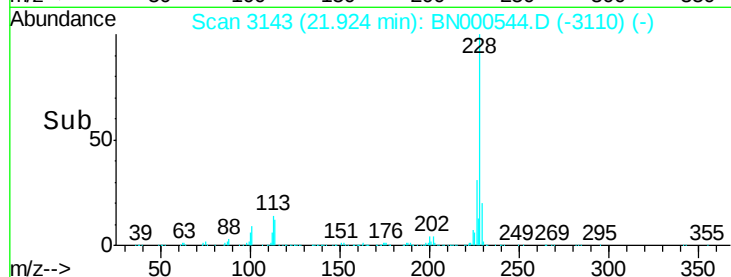
229 20.4 16.0 24.0



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



#84

Di-n-octyl phthalate

Concen: 19.751 ng/ul

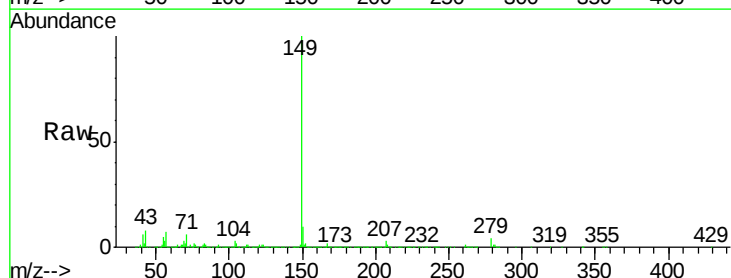
RT: 22.70 min Scan# 3274

Delta R.T. -0.01 min

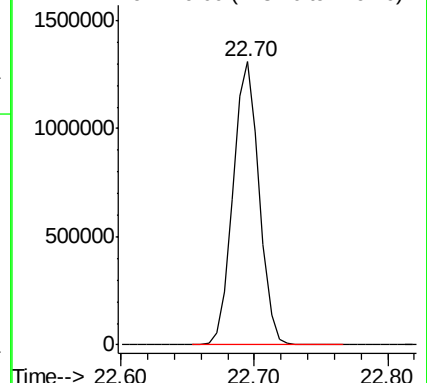
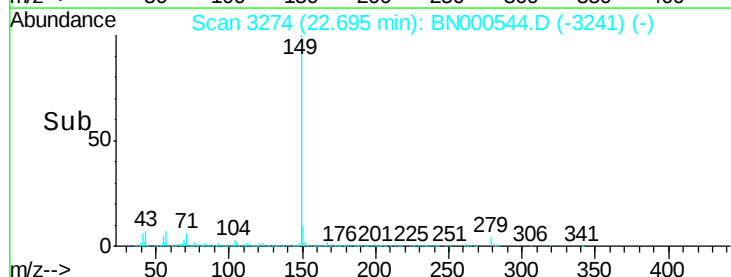
Lab File: BN000544.D

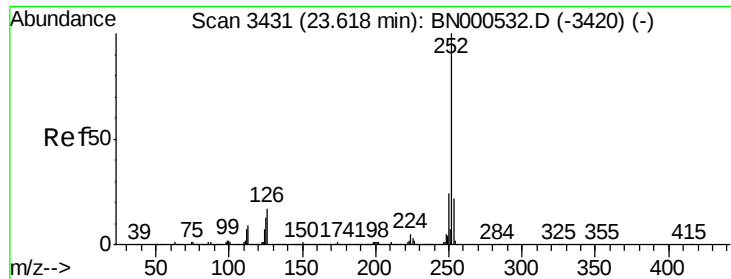
Acq: 22 Mar 2018 17:20

Tgt Ion:149 Resp: 1783884



Abundance Ion 149.00 (148.70 to 149.70): E

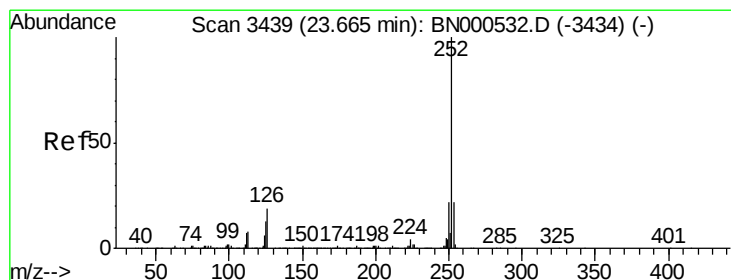
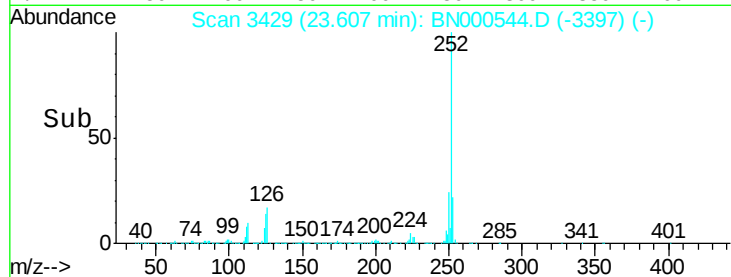
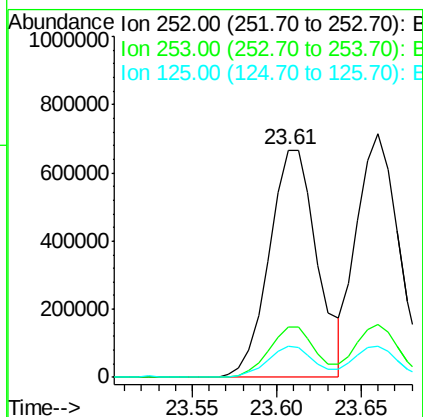
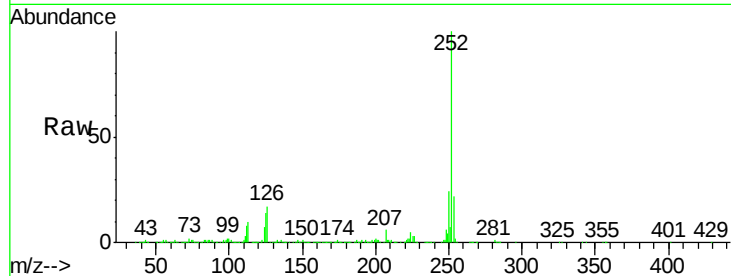




#85  
Benzo(b)fluoranthene  
Concen: 19.529 ng/ul  
RT: 23.61 min Scan# 3429  
Delta R.T. -0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

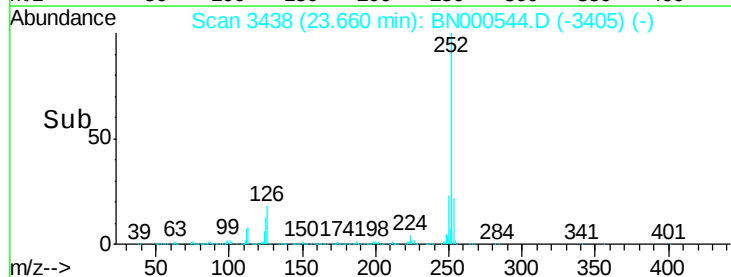
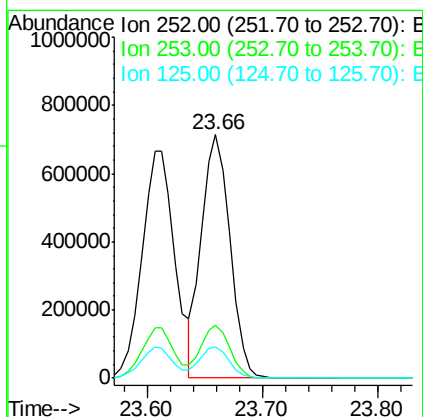
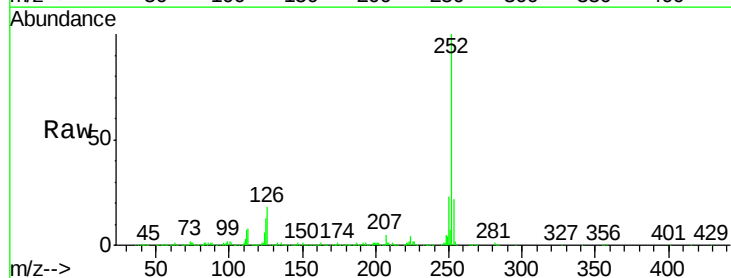
Instrument :  
BNA\_N  
ClientSampled :

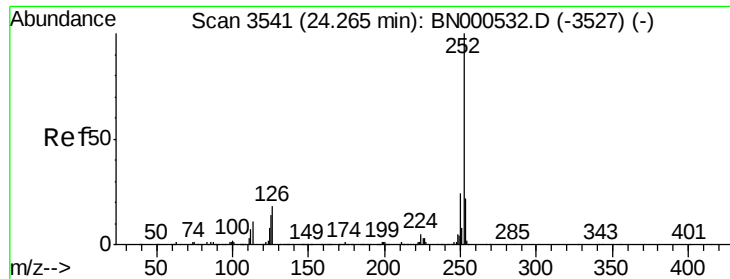
Tot Ion:252 Resp: 1324144  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.0  
125 13.7 4.9 7.3#



#86  
Benzo(k)fluoranthene  
Concen: 18.757 ng/ul  
RT: 23.66 min Scan# 3438  
Delta R.T. -0.01 min  
Lab File: BN000544.D  
Acq: 22 Mar 2018 17:20

Tgt Ion:252 Resp: 1227825  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.1 25.7  
125 12.8 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 19.224 ng/uL

RT: 24.26 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampleId :

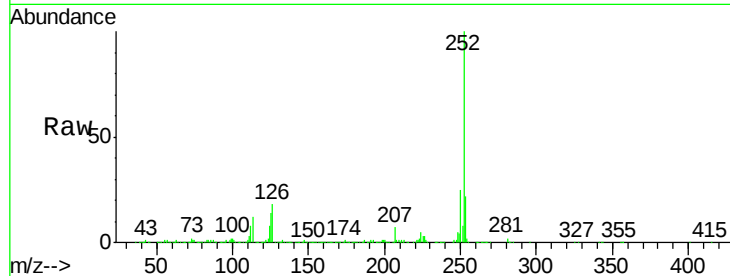
Tot Ion:252 Resp: 1226732

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

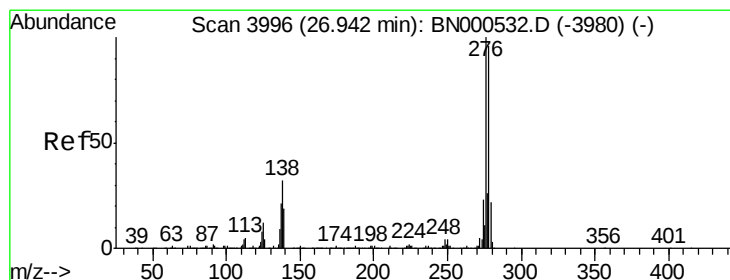
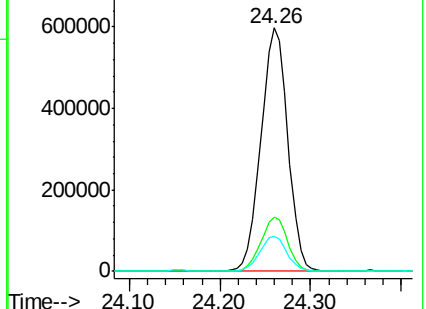
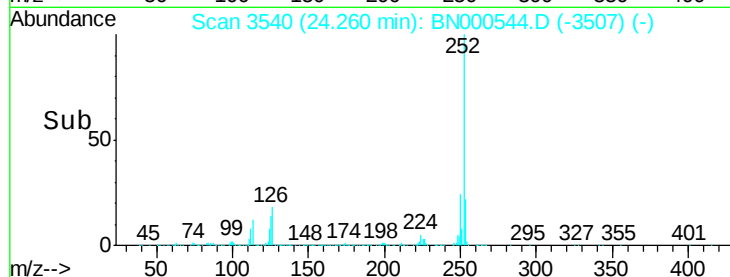
125 14.2 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 18.489 ng/uL

RT: 26.94 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

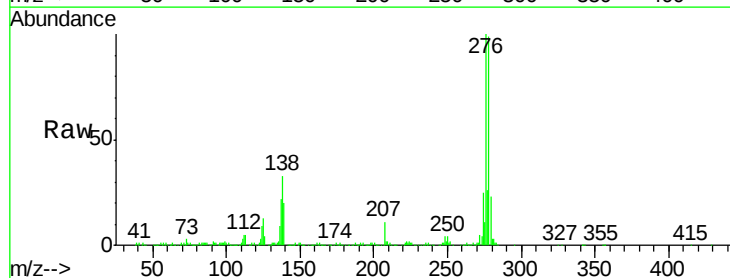
Tgt Ion:276 Resp: 1272243

Ion Ratio Lower Upper

276 100

138 33.4 10.9 16.3#

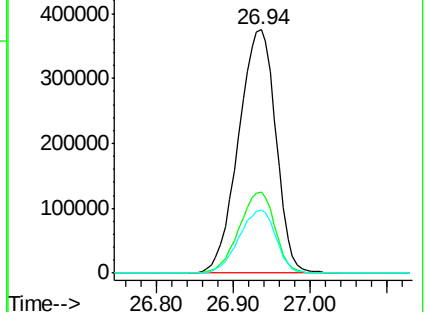
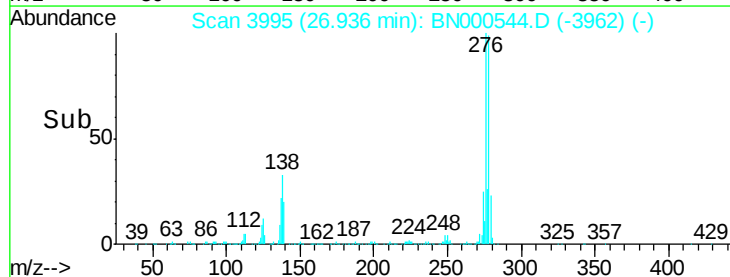
277 26.2 18.9 28.3

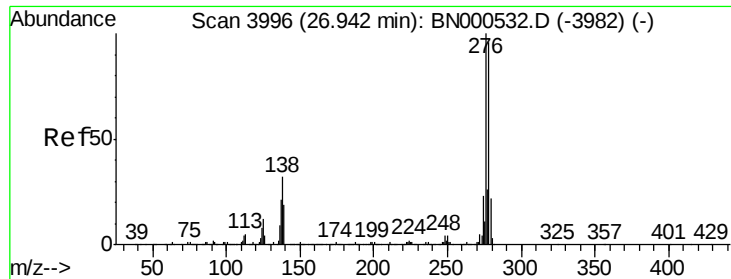


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 18.743 ng/ul

RT: 26.94 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

Instrument :

BNA\_N

ClientSampled :

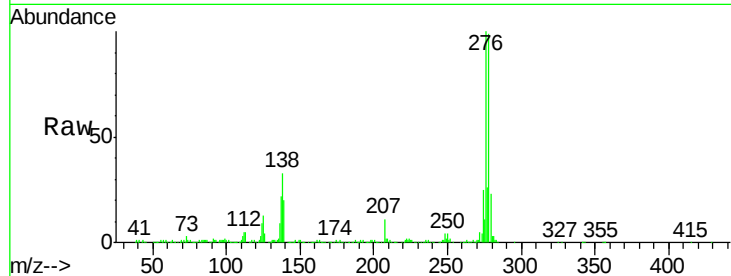
Tot Ion:278 Resp: 1074405

Ion Ratio Lower Upper

278 100

139 20.5 9.0 13.4#

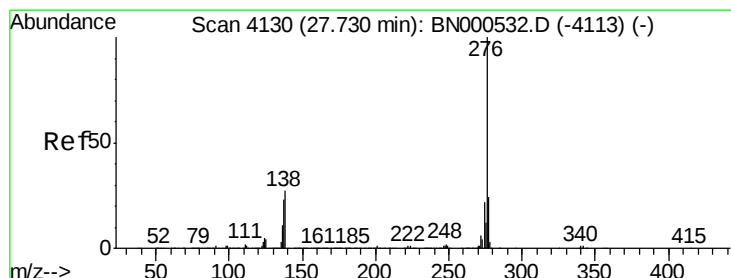
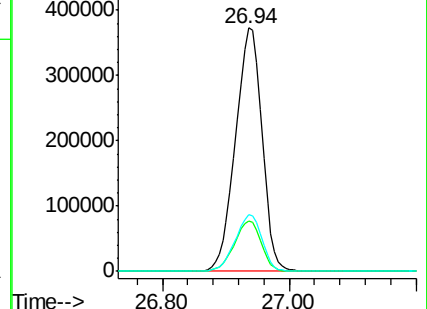
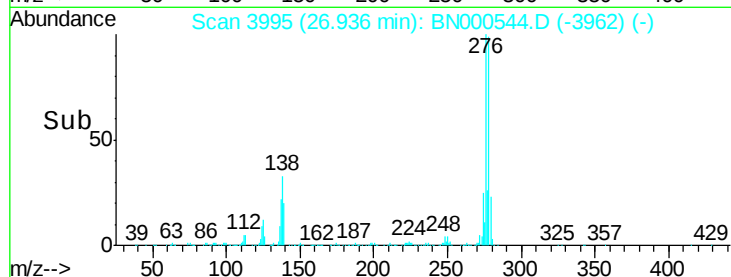
279 23.5 19.1 28.7



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



#91

Benzo(g,h,i)perylene

Concen: 17.829 ng/ul

RT: 27.72 min Scan# 4129

Delta R.T. -0.01 min

Lab File: BN000544.D

Acq: 22 Mar 2018 17:20

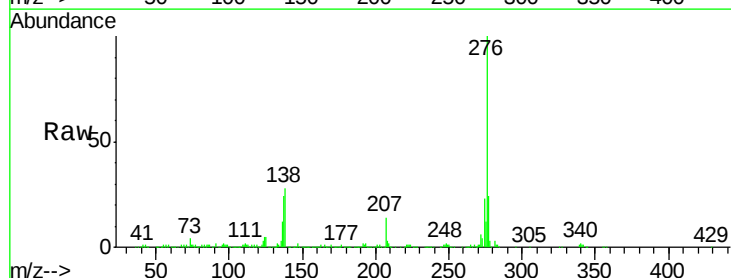
Tgt Ion:276 Resp: 1019475

Ion Ratio Lower Upper

276 100

138 28.2 11.2 16.8#

277 23.7 19.0 28.6



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

