

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010720\  
 Data File : BN009317.D  
 Acq On : 07 Jan 2020 10:35  
 Operator : JU  
 Sample : SSTD02054  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jan 07 11:52:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM01-EPA-BN010620.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 17:39:39 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.48  | 152  | 252456   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 1139199  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.12 | 164  | 770184   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 1654683  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 1513293  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.19 | 264  | 1475184  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 46486   | 7.79  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.68  | 99  | 418733  | 18.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 303931  | 19.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 321058  | 19.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 356617  | 19.23 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.62  | 128 | 168907  | 20.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.33  | 143 | 185920  | 19.98 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.87  | 165 | 356085  | 20.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.38 | 131 | 376045  | 18.23 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.54 | 166 | 1127919 | 19.81 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.80 | 160 | 1347314 | 19.79 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.34 | 143 | 203439  | 18.87 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.12 | 176 | 975610  | 19.70 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 197719  | 18.60 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.96 | 188 | 1503937 | 20.02 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.27 | 212 | 1639071 | 19.93 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.06 | 264 | 1462652 | 19.89 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.13  | 88  | 47363   | 7.431  | ng/uL 92  |
| 4) Benzaldehyde                | 6.64  | 77  | 182060  | 14.236 | ng/ul 97  |
| 6) Phenol                      | 6.70  | 94  | 439725  | 18.719 | ng/ul 98  |
| 8) Bis(2-Chloroethyl)ether     | 6.93  | 93  | 367142  | 19.534 | ng/ul 95  |
| 10) 2-Chlorophenol             | 7.06  | 128 | 333252  | 19.886 | ng/ul 99  |
| 11) 2-Methylphenol             | 7.93  | 108 | 335294  | 18.892 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.02  | 45  | 916134  | 20.531 | ng/ul 100 |
| 14) Acetophenone               | 8.30  | 105 | 577986  | 19.761 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.29  | 70  | 327379  | 20.071 | ng/ul 96  |
| 16) 4-Methylphenol             | 8.26  | 108 | 378265  | 19.277 | ng/ul 97  |
| 17) Hexachloroethane           | 8.54  | 117 | 154852  | 20.210 | ng/ul 95  |
| 20) Nitrobenzene               | 8.66  | 77  | 466677  | 19.915 | ng/ul 97  |
| 21) Isophorone                 | 9.19  | 82  | 902761  | 20.050 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.37  | 139 | 199041  | 19.958 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 9.44  | 107 | 443353  | 20.076 | ng/ul 100 |
| 25) Bis(2-Chloroethoxy)methane | 9.67  | 93  | 541629  | 19.992 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 9.89  | 162 | 357651  | 20.461 | ng/ul 98  |
| 28) Naphthalene                | 10.29 | 128 | 1202301 | 19.876 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.40 | 127 | 373539  | 18.182 | ng/ul 97  |
| 31) Hexachlorobutadiene        | 10.58 | 225 | 222974  | 19.628 | ng/ul 95  |
| 32) Caprolactam                | 11.18 | 113 | 61509   | 9.734  | ng/ul 96  |
| 33) 4-Chloro-3-methylphenol    | 11.54 | 107 | 430571  | 19.968 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 11.90 | 142 | 856821  | 20.053 | ng/ul 98  |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jan 07 11:52:41 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM01-EPA-BN010620.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jan 06 17:39:39 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.13 | 142  | 861240   | 19.746 | ng/ul | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.29 | 216  | 435570   | 19.610 | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.27 | 237  | 260902   | 18.783 | ng/ul | 99       |
| 39) 2,4,6-Trichlorophenol      | 12.53 | 196  | 288171   | 19.961 | ng/ul | 95       |
| 40) 2,4,5-Trichlorophenol      | 12.61 | 196  | 307550   | 19.826 | ng/ul | 100      |
| 41) 1,1'-Biphenyl              | 12.94 | 154  | 1136540  | 19.760 | ng/ul | 96       |
| 42) 2-Chloronaphthalene        | 12.97 | 162  | 884404   | 19.611 | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.19 | 65   | 343266   | 20.298 | ng/ul | 97       |
| 45) Dimethylphthalate          | 13.59 | 163  | 1163577  | 19.893 | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 13.70 | 165  | 236292   | 20.129 | ng/ul | 98       |
| 48) Acenaphthylene             | 13.83 | 152  | 1451563  | 19.965 | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.03 | 138  | 170584   | 16.381 | ng/ul | 97       |
| 50) Acenaphthene               | 14.18 | 153  | 971357   | 19.868 | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.25 | 184  | 129265   | 17.594 | ng/ul | 96       |
| 53) 4-Nitrophenol              | 14.36 | 109  | 180531   | 19.488 | ng/ul | 96       |
| 54) Dibenzofuran               | 14.52 | 168  | 1330086  | 19.657 | ng/ul | 100      |
| 55) 2,4-Dinitrotoluene         | 14.50 | 165  | 345056   | 20.184 | ng/ul | 98       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.75 | 232  | 269947   | 19.875 | ng/ul | 99       |
| 57) Diethylphthalate           | 14.97 | 149  | 1205500  | 19.804 | ng/ul | 99       |
| 59) Fluorene                   | 15.17 | 166  | 1130068  | 19.832 | ng/ul | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.17 | 204  | 566775   | 19.941 | ng/ul | 99       |
| 61) 4-Nitroaniline             | 15.20 | 138  | 192968   | 16.251 | ng/ul | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.27 | 198  | 210298   | 18.814 | ng/ul | 97       |
| 65) N-Nitrosodiphenylamine     | 15.39 | 169  | 948274   | 19.608 | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.07 | 248  | 331108   | 19.598 | ng/ul | 95       |
| 67) Hexachlorobenzene          | 16.18 | 284  | 371749   | 19.625 | ng/ul | 98       |
| 68) Atrazine                   | 16.36 | 200  | 356716   | 19.398 | ng/ul | 95       |
| 69) Pentachlorophenol          | 16.53 | 266  | 203207   | 17.770 | ng/ul | 93       |
| 70) Phenanthrene               | 16.91 | 178  | 1819203  | 19.893 | ng/ul | 99       |
| 72) Anthracene                 | 17.00 | 178  | 1839943  | 19.900 | ng/ul | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.90 | 216  | 439070   | 19.618 | ng/uL | 100      |
| 74) Pentachlorobenzene         | 14.45 | 250  | 430400   | 19.860 | ng/uL | 98       |
| 75) Carbazole                  | 17.27 | 167  | 1549421  | 19.695 | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 17.86 | 149  | 2072181  | 19.955 | ng/ul | 100      |
| 77) Fluoranthene               | 18.93 | 202  | 2082960  | 19.817 | ng/ul | 99       |
| 80) Pvrene                     | 19.30 | 202  | 2155261  | 19.770 | ng/ul | 99       |
| 81) Butylbenzylphthalate       | 20.23 | 149  | 914597   | 20.005 | ng/ul | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.00 | 252  | 503171   | 15.679 | ng/ul | 98       |
| 83) Benzo(a)anthracene         | 21.06 | 228  | 1998431  | 19.423 | ng/ul | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.02 | 149  | 1372877  | 19.908 | ng/ul | 99       |
| 85) Chrysene                   | 21.11 | 228  | 1920375  | 19.181 | ng/ul | 99       |
| 87) Di-n-octyl phthalate       | 21.87 | 149  | 2241725  | 20.365 | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.57 | 252  | 1835975  | 19.746 | ng/ul | 99       |
| 89) Benzo(k)fluoranthene       | 22.61 | 252  | 1831055  | 19.943 | ng/ul | 99       |
| 91) Benzo(a)pyrene             | 23.10 | 252  | 1683555  | 20.406 | ng/ul | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.28 | 276  | 1760853  | 19.696 | ng/ul | 97       |
| 93) Dibenzo(a,h)anthracene     | 25.29 | 278  | 1516575  | 20.192 | ng/ul | 98       |
| 94) Benzo(a,h,i)perylene       | 25.90 | 276  | 1451774  | 20.153 | ng/ul | 97       |

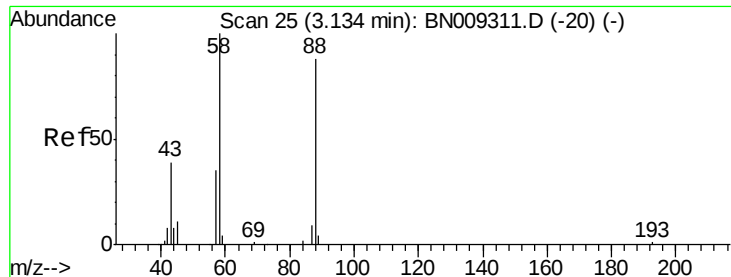
Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN010720\  
Data File : BN009317.D  
Acq On : 07 Jan 2020 10:35  
Operator : JU  
Sample : SSTD02054  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Jan 07 11:52:41 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM01-EPA-BN010620.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jan 06 17:39:39 2020  
Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 7.431 ng/uL

RT: 3.13 min Scan# 25

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

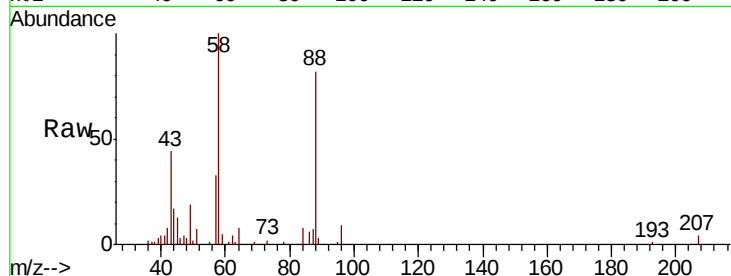
Tot Ion: 88 Resp: 47363

Ion Ratio Lower Upper

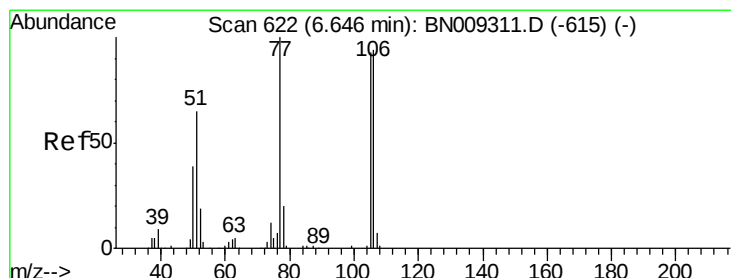
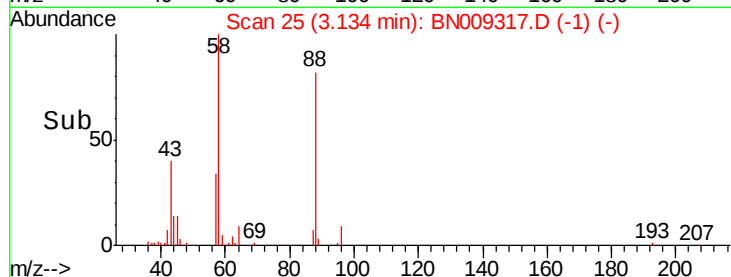
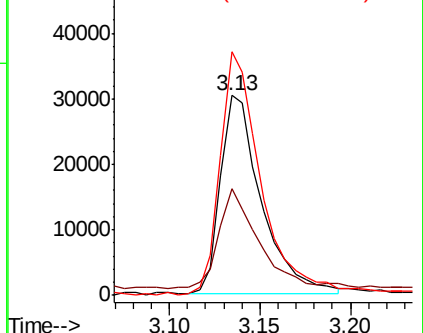
88 100

43 53.3 39.1 58.7

58 121.8 90.2 135.2



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: 14.236 ng/uL

RT: 6.64 min Scan# 621

Delta R.T. -0.01 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

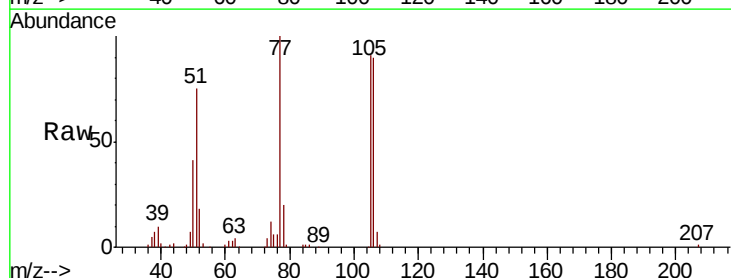
Tgt Ion: 77 Resp: 182060

Ion Ratio Lower Upper

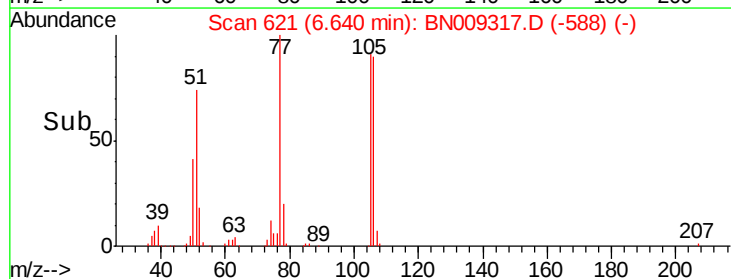
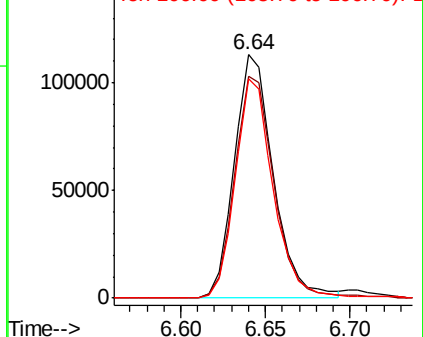
77 100

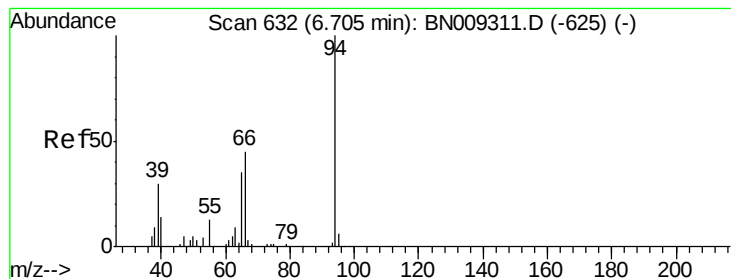
105 91.3 74.6 111.8

106 90.0 75.4 113.0



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





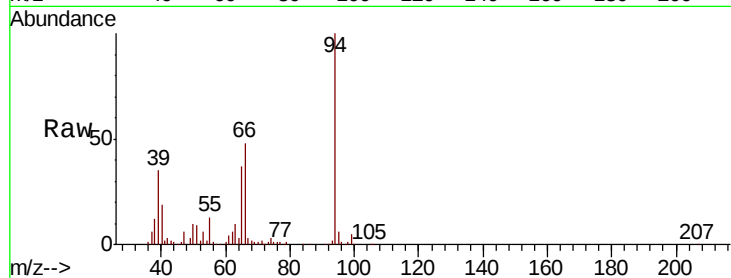
#6

Phenol

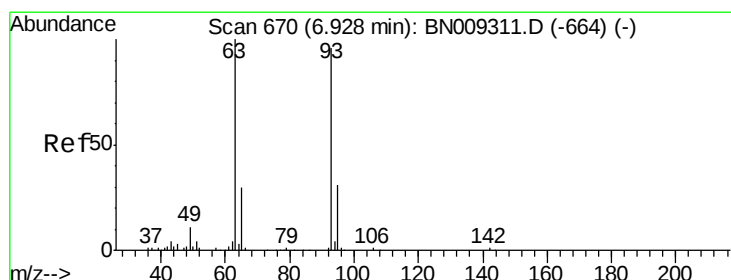
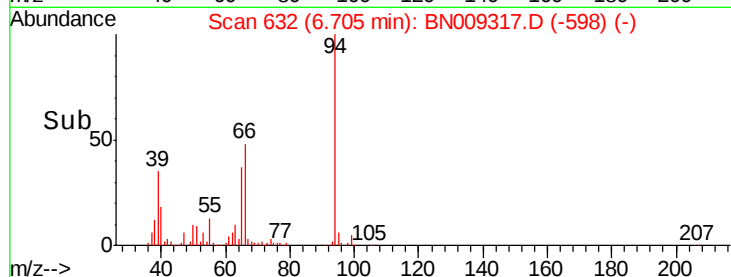
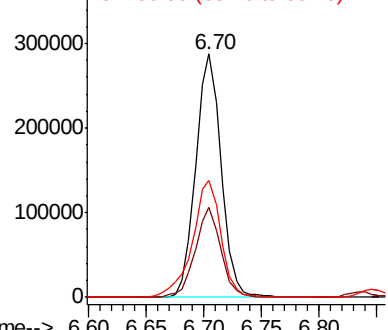
Concen: 18.719 ng/ul  
 RT: 6.70 min Scan# 632  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion: 94 Resp: 439725  
 Ion Ratio Lower Upper  
 94 100  
 65 37.2 28.6 42.8  
 66 48.1 37.7 56.5



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

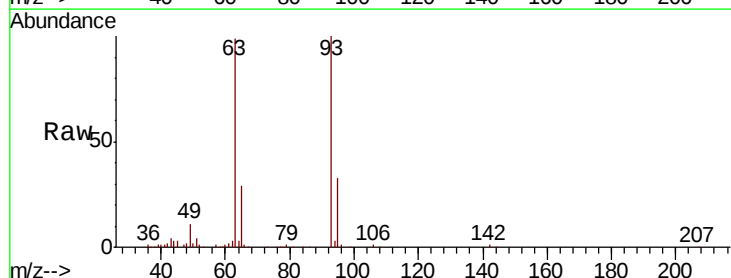


#8

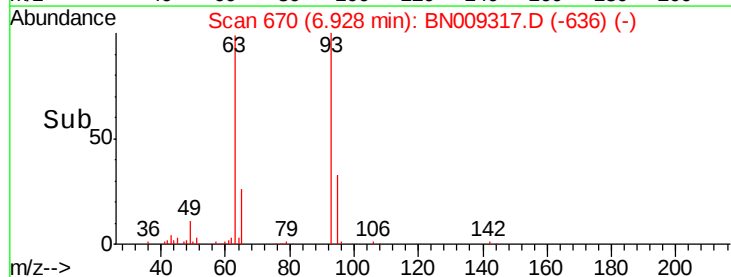
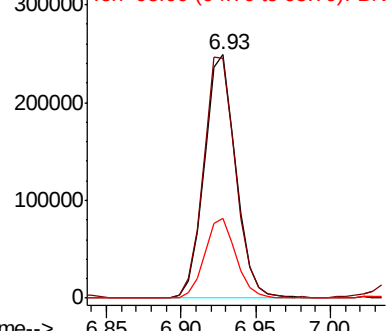
Bis(2-Chloroethyl)ether

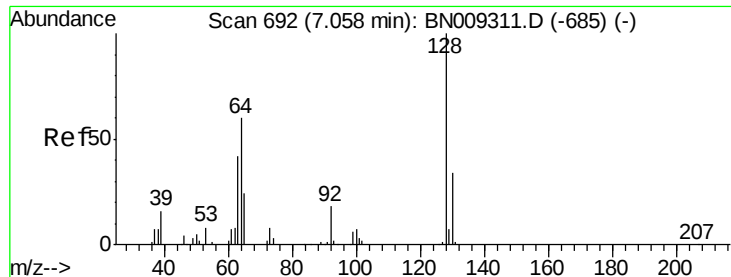
Concen: 19.534 ng/ul  
 RT: 6.93 min Scan# 670  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Tgt Ion: 93 Resp: 367142  
 Ion Ratio Lower Upper  
 93 100  
 63 98.7 83.7 125.5  
 95 33.0 26.0 39.0



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

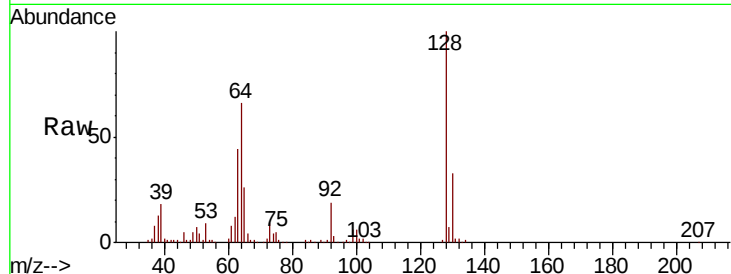




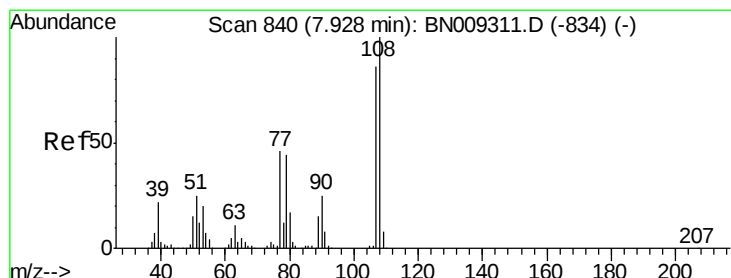
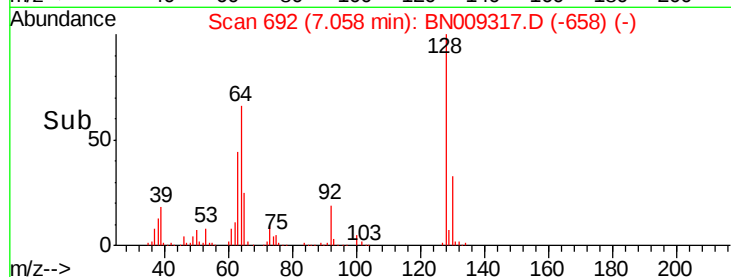
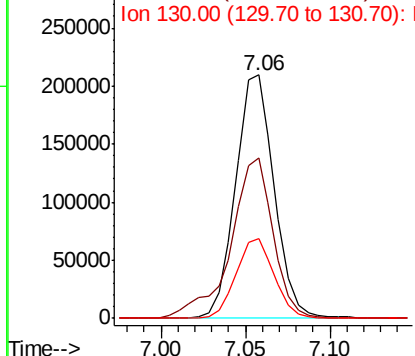
#10  
2-Chlorophenol  
Concen: 19.886 ng/ul  
RT: 7.06 min Scan# 692  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:128 Resp: 333252  
Ion Ratio Lower Upper  
128 100  
64 66.1 52.3 78.5  
130 32.8 27.4 41.0

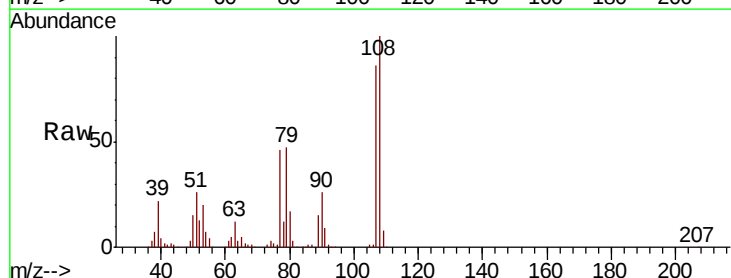


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BNO  
Ion 130.00 (129.70 to 130.70): E

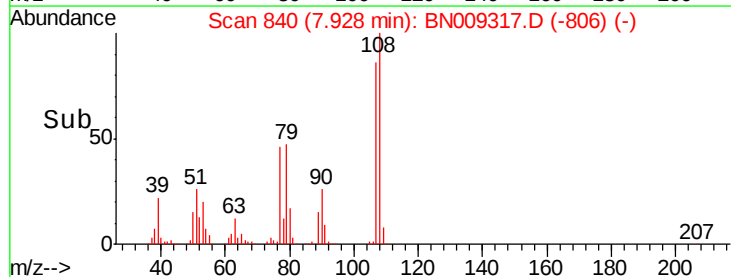
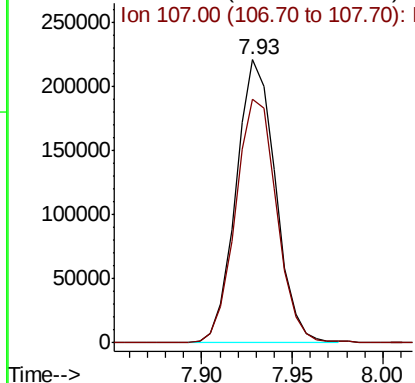


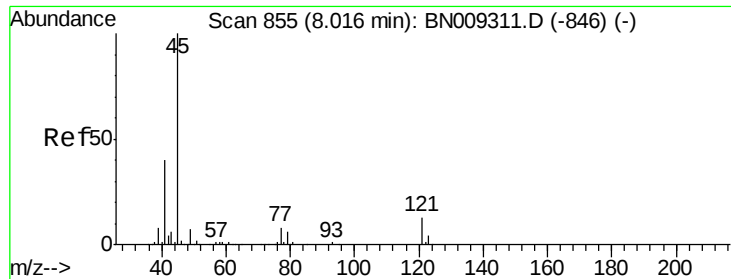
#11  
2-Methylphenol  
Concen: 18.892 ng/ul  
RT: 7.93 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion:108 Resp: 335294  
Ion Ratio Lower Upper  
108 100  
107 85.9 69.2 103.8



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

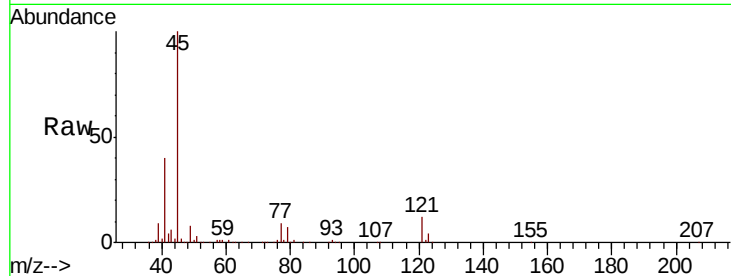




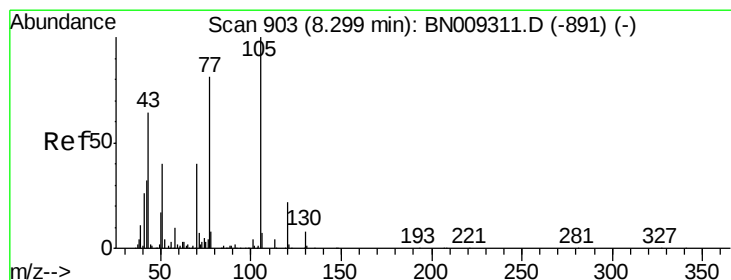
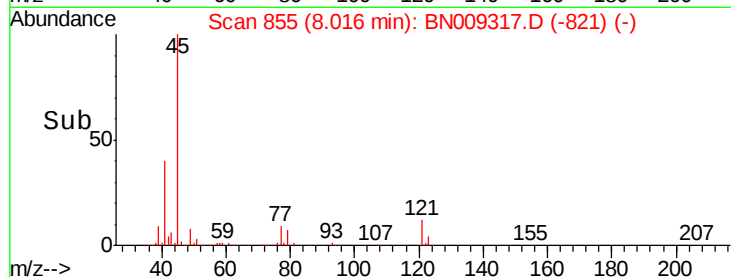
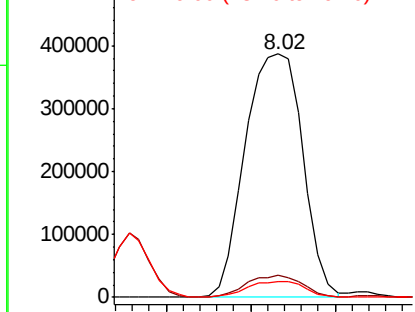
#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 20.531 ng/ul  
RT: 8.02 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion: 45 Resp: 916134  
Ion Ratio Lower Upper  
45 100  
77 9.0 7.0 10.6  
79 6.6 5.2 7.8

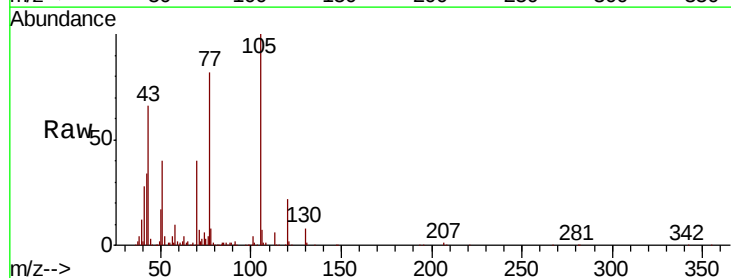


Abundance Ion 45.00 (44.70 to 45.70): BN0  
Ion 77.00 (76.70 to 77.70): BN0  
Ion 79.00 (78.70 to 79.70): BN0

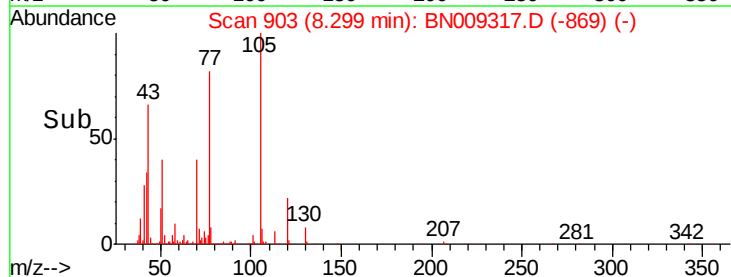
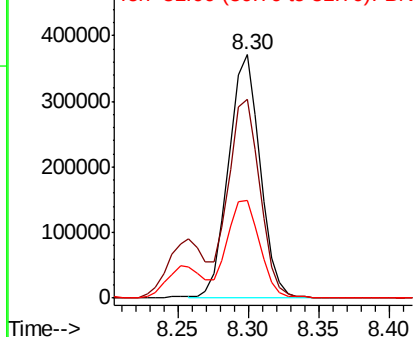


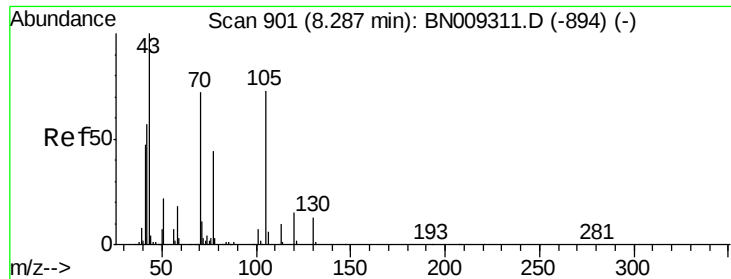
#14  
Acetophenone  
Concen: 19.761 ng/ul  
RT: 8.30 min Scan# 903  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion: 105 Resp: 577986  
Ion Ratio Lower Upper  
105 100  
77 81.7 65.8 98.6  
51 40.2 32.9 49.3



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BN0  
Ion 51.00 (50.70 to 51.70): BN0





#15

N-Nitroso-di-n-propylamine

Concen: 20.071 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. 0.01 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 70 Resp: 327379

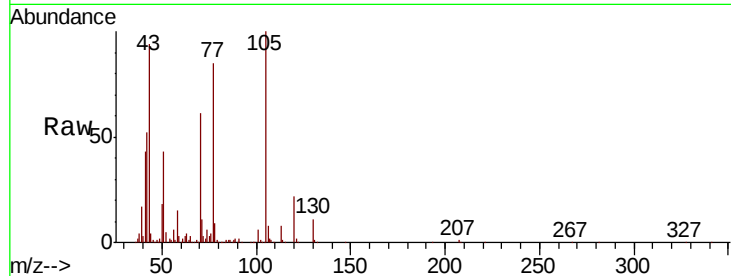
Ion Ratio Lower Upper

70 100

42 85.6 64.6 97.0

101 9.4 7.6 11.4

130 18.6 14.5 21.7

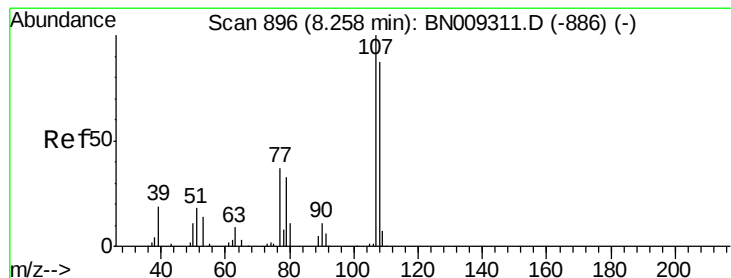
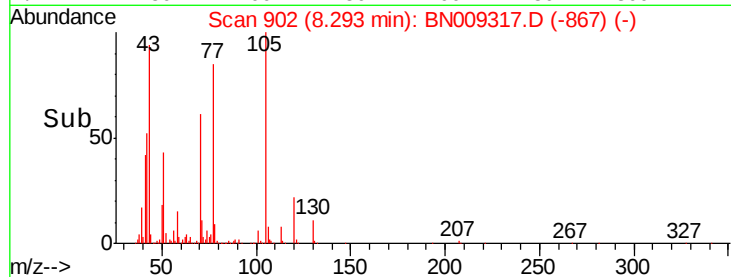
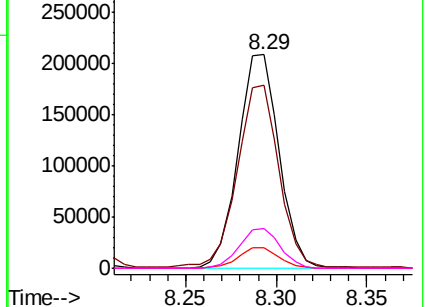


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 19.277 ng/ul

RT: 8.26 min Scan# 896

Delta R.T. 0.00 min

Lab File: BN009317.D

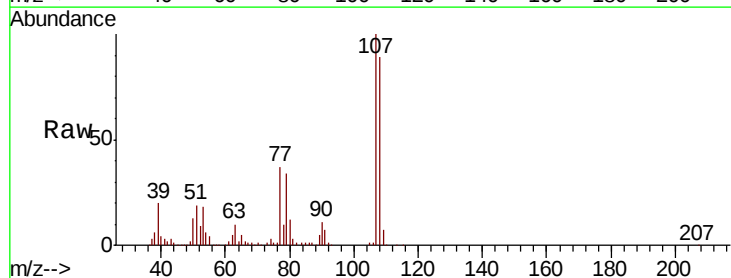
Acq: 07 Jan 2020 10:35

Tgt Ion:108 Resp: 378265

Ion Ratio Lower Upper

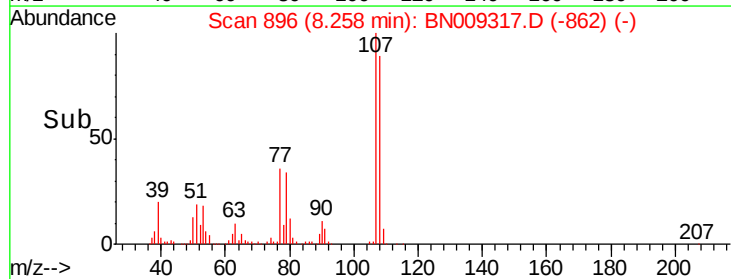
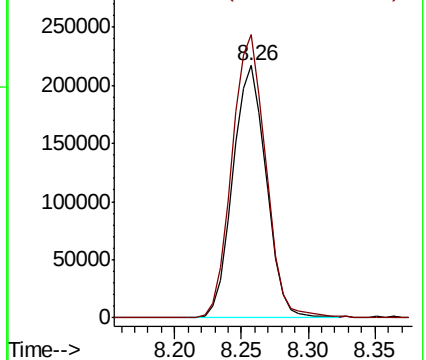
108 100

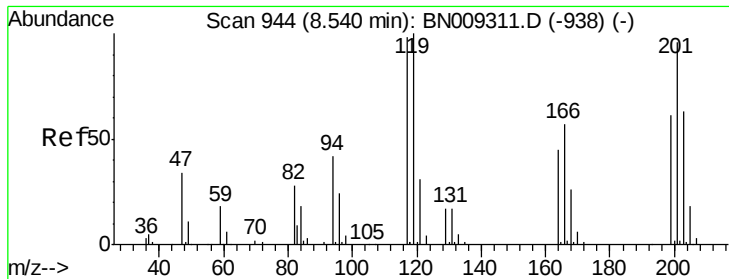
107 112.3 92.2 138.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

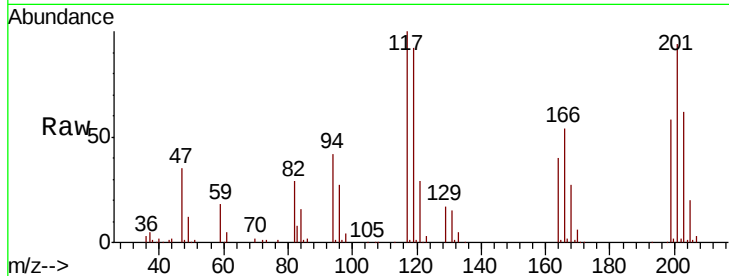




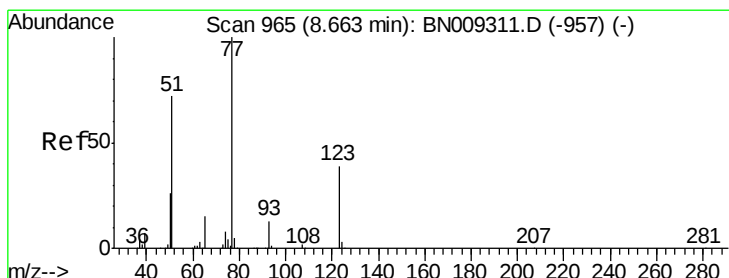
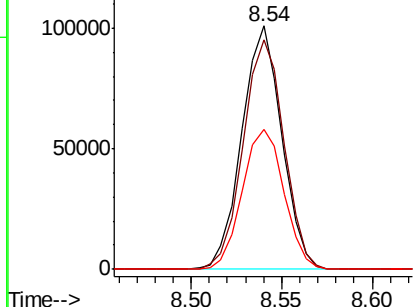
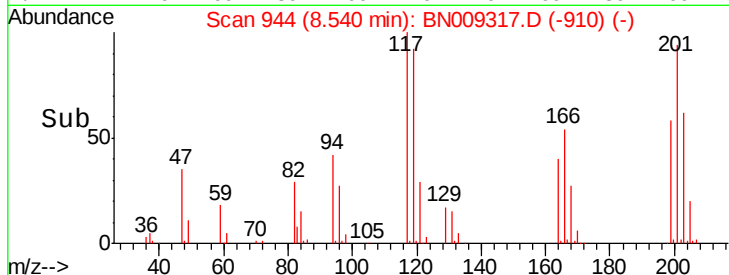
#17  
Hexachloroethane  
Concen: 20.210 ng/ul  
RT: 8.54 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:117 Resp: 154852  
Ion Ratio Lower Upper  
117 100  
201 94.4 78.4 117.6  
199 57.5 50.2 75.4

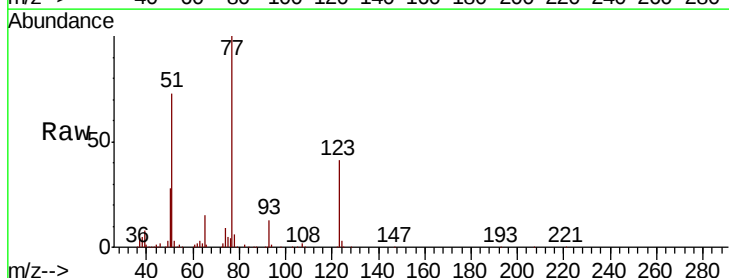


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

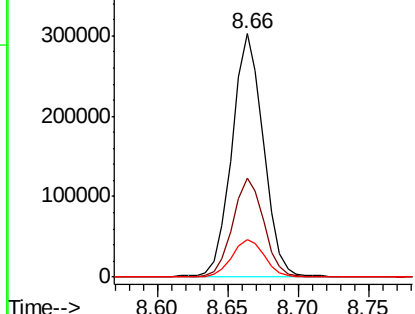
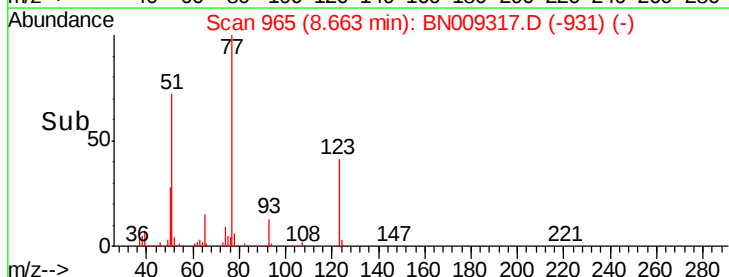


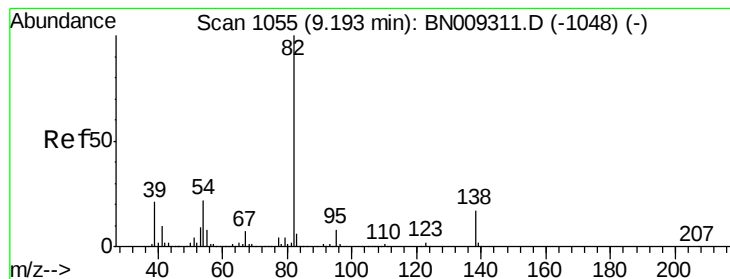
#20  
Nitrobenzene  
Concen: 19.915 ng/ul  
RT: 8.66 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion: 77 Resp: 466677  
Ion Ratio Lower Upper  
77 100  
123 40.8 30.8 46.2  
65 15.4 11.8 17.8



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: 20.050 ng/ul

RT: 9.19 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

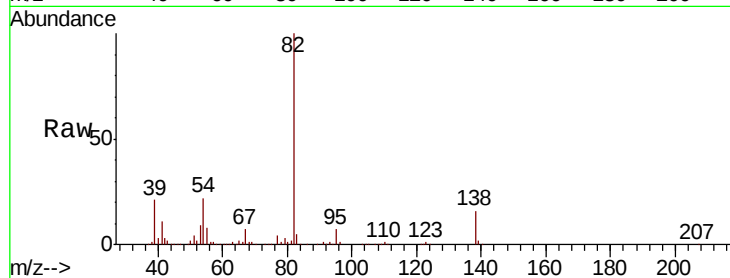
Tot Ion: 82 Resp: 902761

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

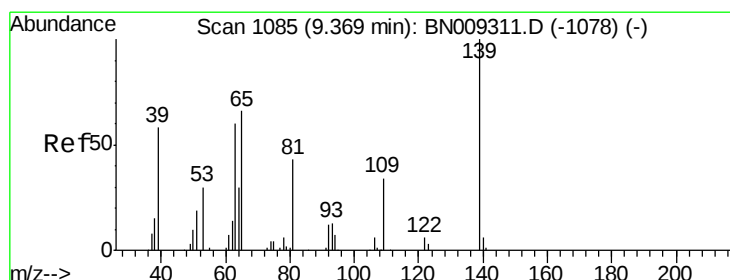
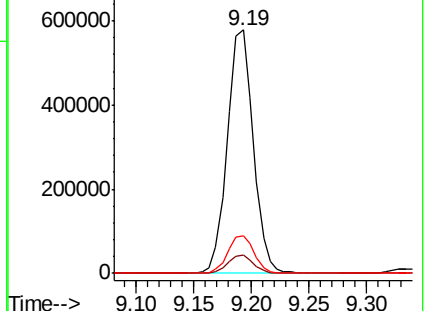
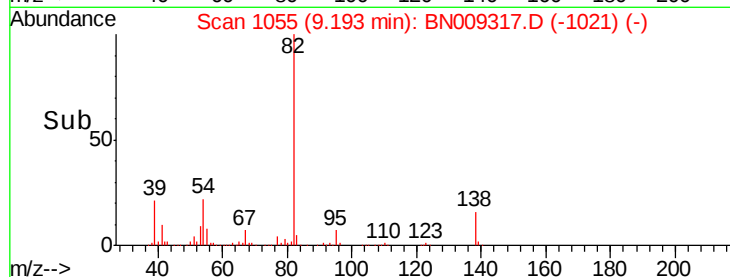
138 15.6 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BN009317.D (-1021) (-)

Ion 95.00 (94.70 to 95.70): BN009317.D (-1021) (-)

Ion 138.00 (137.70 to 138.70): BN009317.D (-1021) (-)



#23

2-Nitrophenol

Concen: 19.958 ng/ul

RT: 9.37 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

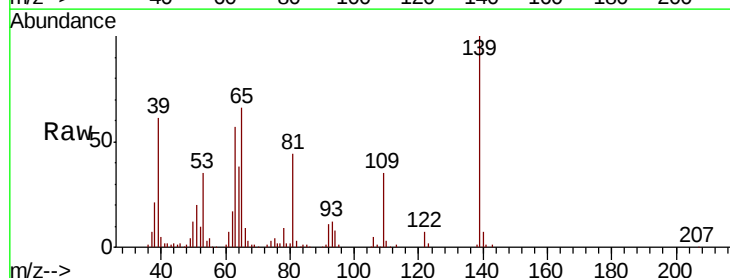
Tgt Ion: 139 Resp: 199041

Ion Ratio Lower Upper

139 100

65 66.4 55.8 83.6

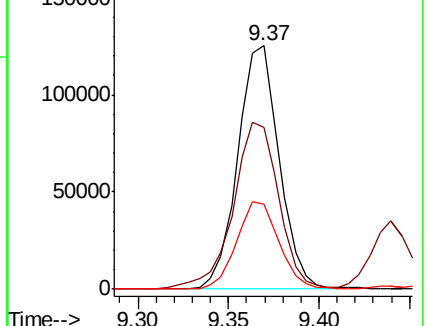
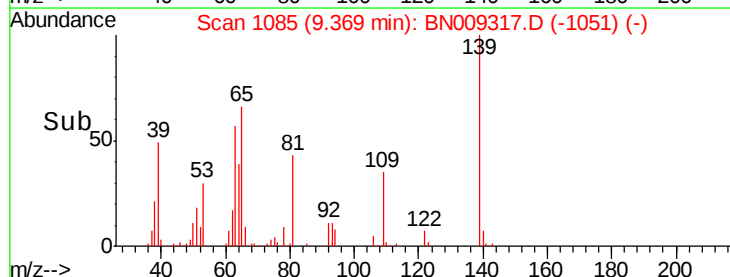
109 34.9 27.2 40.8

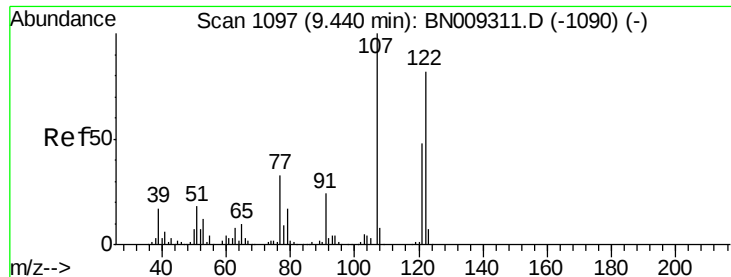


Abundance Ion 139.00 (138.70 to 139.70): BN009317.D (-1051) (-)

Ion 65.00 (64.70 to 65.70): BN009317.D (-1051) (-)

Ion 109.00 (108.70 to 109.70): BN009317.D (-1051) (-)





#24

2,4-Dimethylphenol

Concen: 20.076 ng/ul

RT: 9.44 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

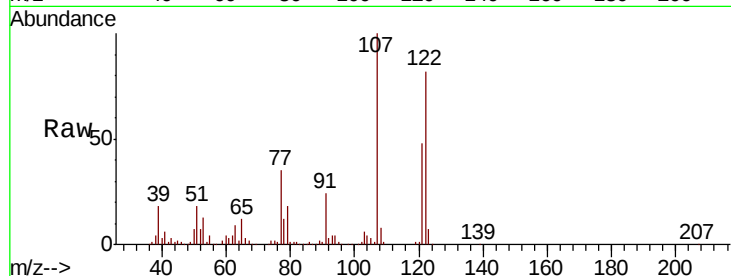
Tot Ion:107 Resp: 443353

Ion Ratio Lower Upper

107 100

121 48.0 38.4 57.6

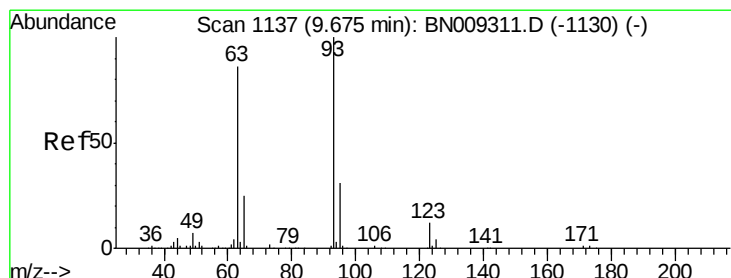
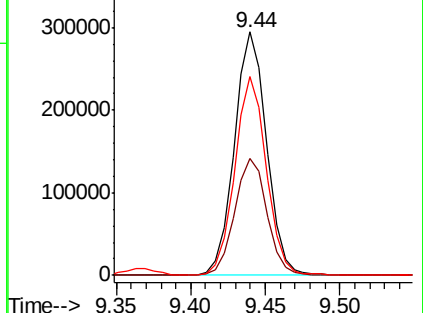
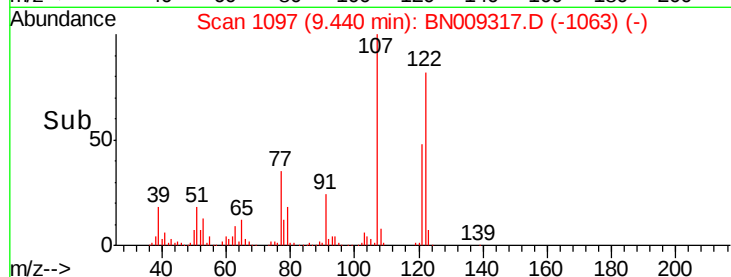
122 81.8 65.7 98.5



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: 19.992 ng/ul

RT: 9.67 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

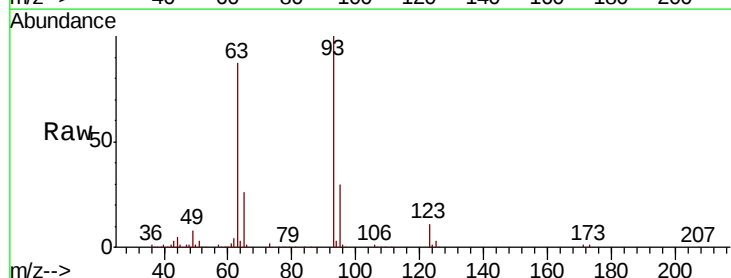
Tgt Ion: 93 Resp: 541629

Ion Ratio Lower Upper

93 100

95 30.3 25.1 37.7

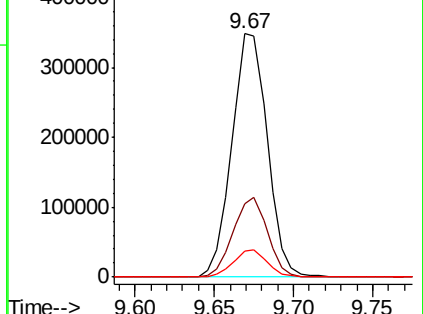
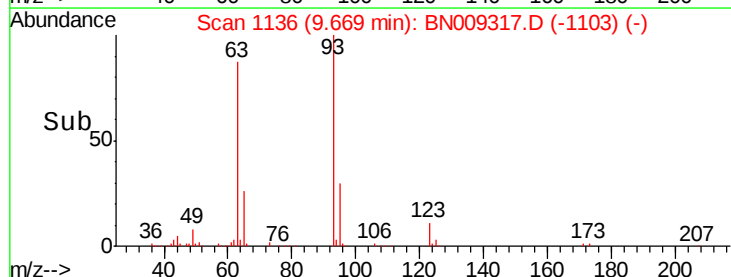
123 10.7 9.3 13.9

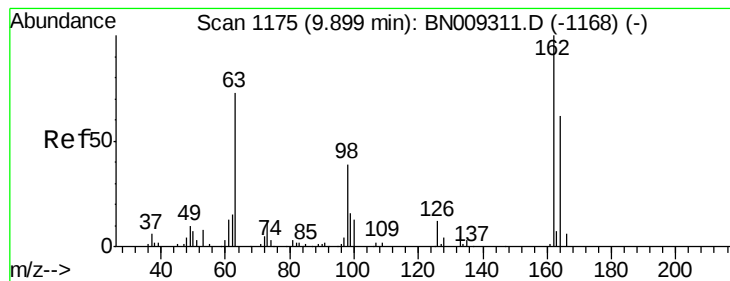


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.461 ng/ul

RT: 9.89 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampled :

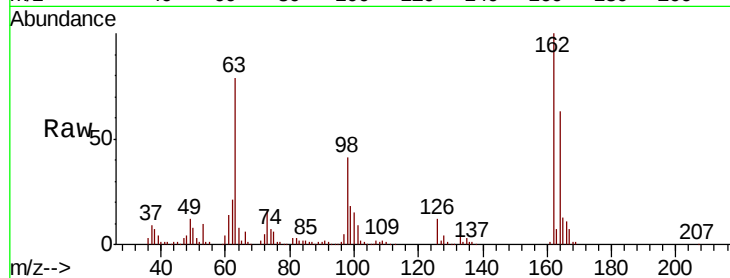
Tot Ion:162 Resp: 357651

Ion Ratio Lower Upper

162 100

164 62.6 50.6 75.8

98 41.3 31.2 46.8

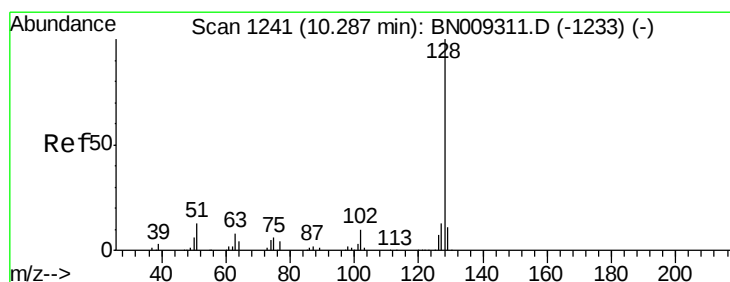
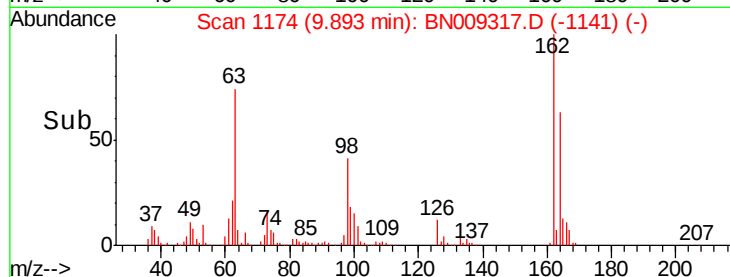
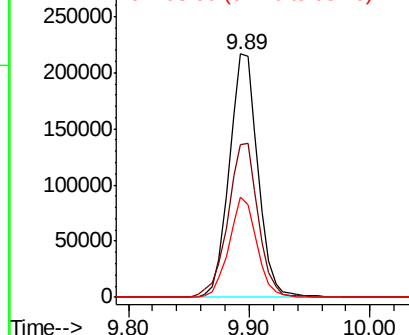


Abundance

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: 19.876 ng/ul

RT: 10.29 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

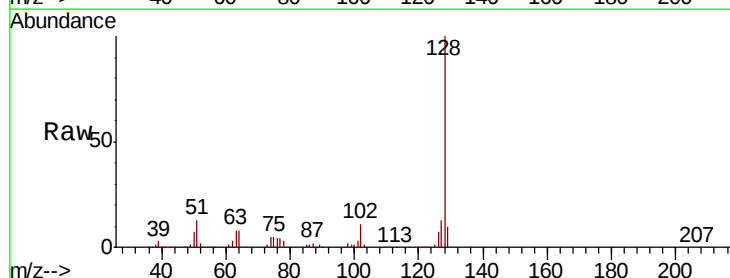
Tgt Ion:128 Resp: 1202301

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.4

127 12.8 10.8 16.2

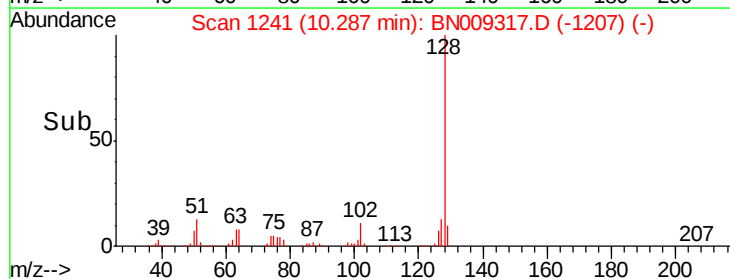
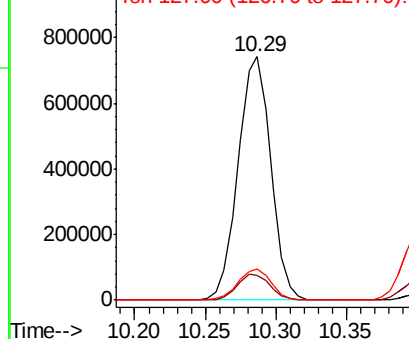


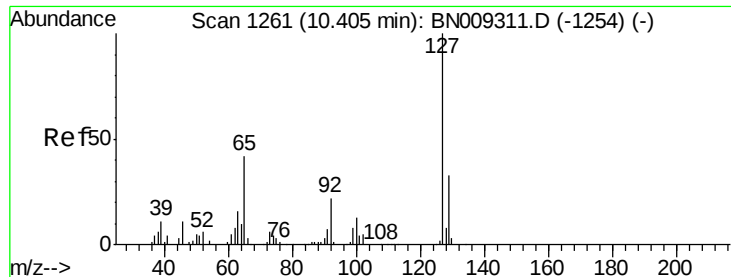
Abundance

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

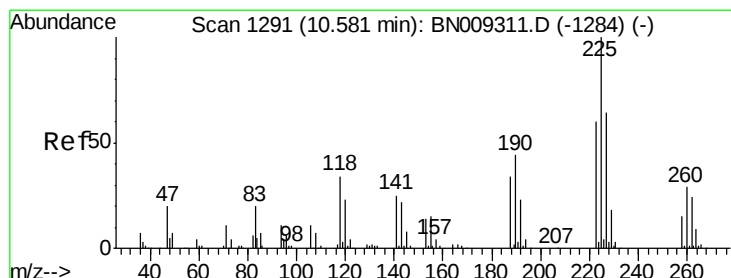
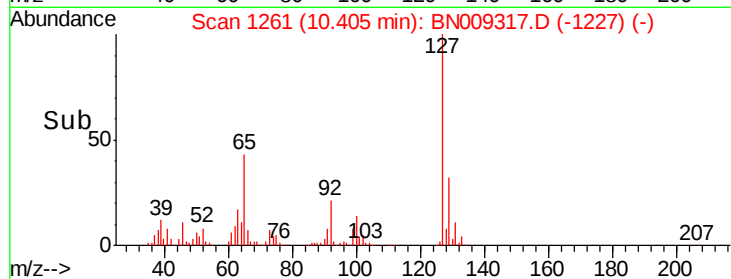
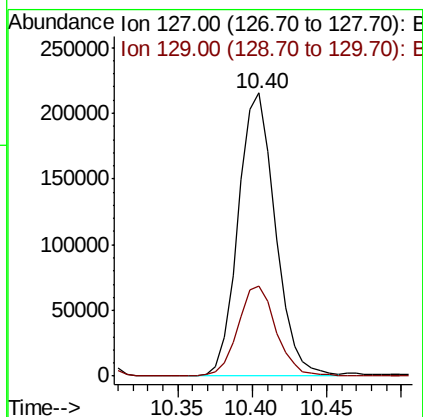
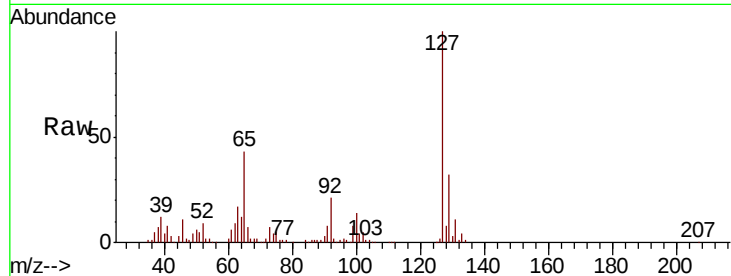




#30  
4-Chloroaniline  
Concen: 18.182 ng/ul  
RT: 10.40 min Scan# 1261  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

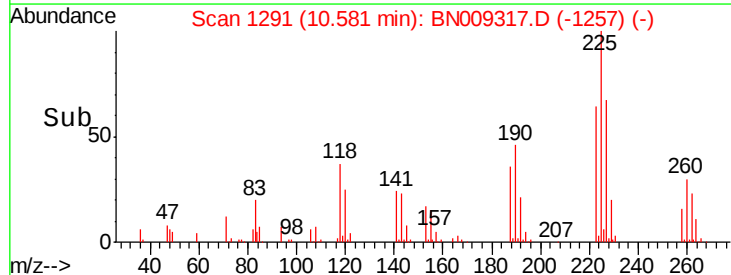
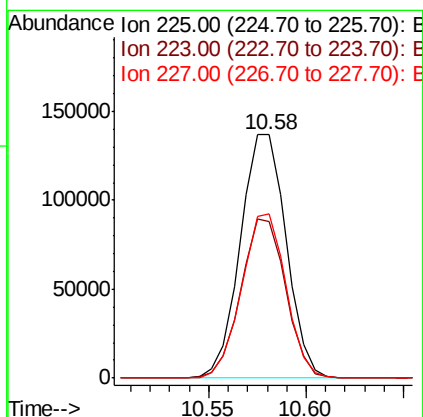
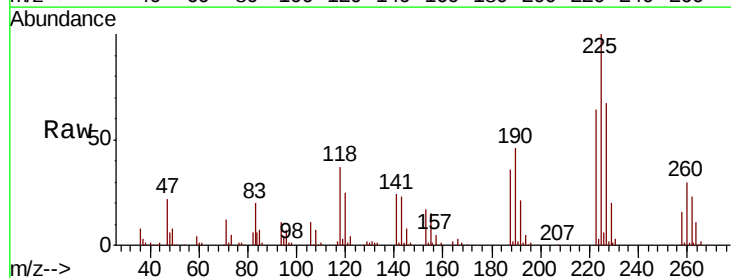
Instrument :  
BNA\_N  
ClientSampleId :

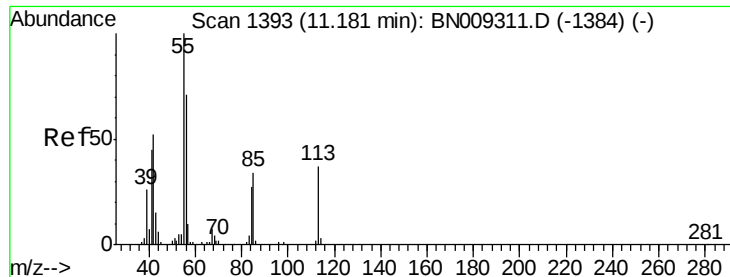
Tot Ion:127 Resp: 373539  
Ion Ratio Lower Upper  
127 100  
129 31.8 26.7 40.1



#31  
Hexachlorobutadiene  
Concen: 19.628 ng/ul  
RT: 10.58 min Scan# 1291  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion:225 Resp: 222974  
Ion Ratio Lower Upper  
225 100  
223 64.4 48.2 72.4  
227 67.4 51.0 76.6





#32

Caprolactam

Concen: 9.734 ng/ul

RT: 11.18 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampled :

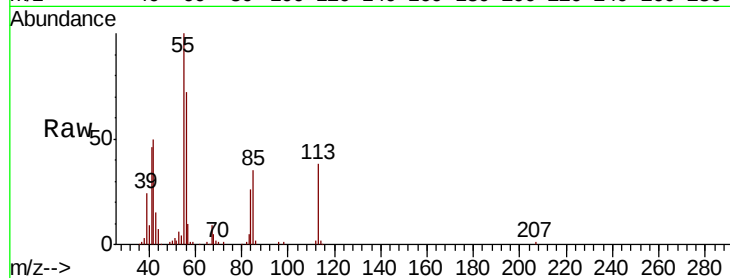
Tot Ion:113 Resp: 61509

Ion Ratio Lower Upper

113 100

55 262.3 217.4 326.2

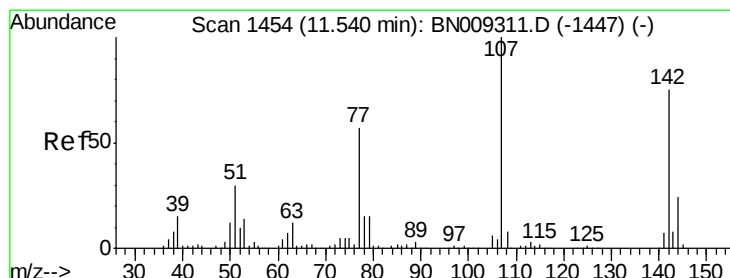
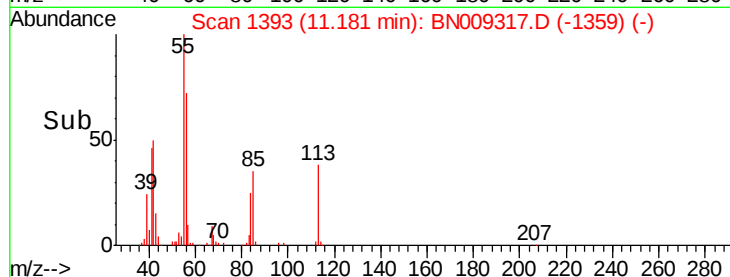
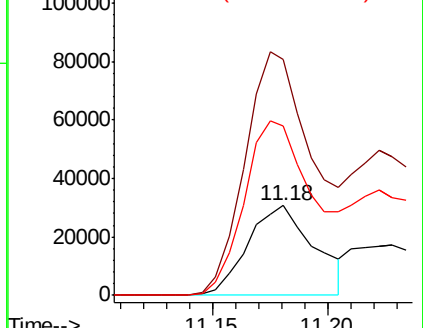
56 189.0 154.6 231.8



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: 19.968 ng/ul

RT: 11.54 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

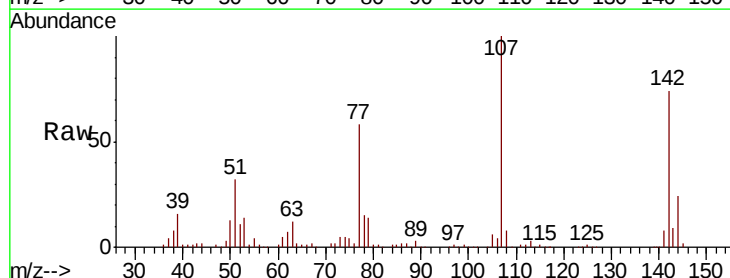
Tgt Ion:107 Resp: 430571

Ion Ratio Lower Upper

107 100

144 24.1 19.4 29.2

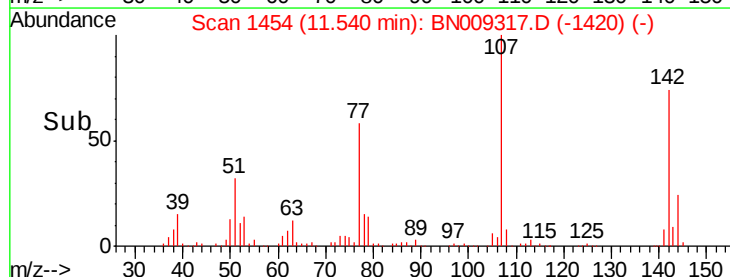
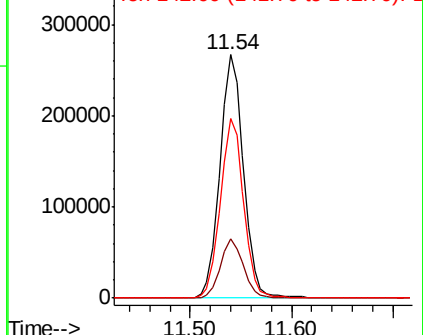
142 73.7 59.9 89.9

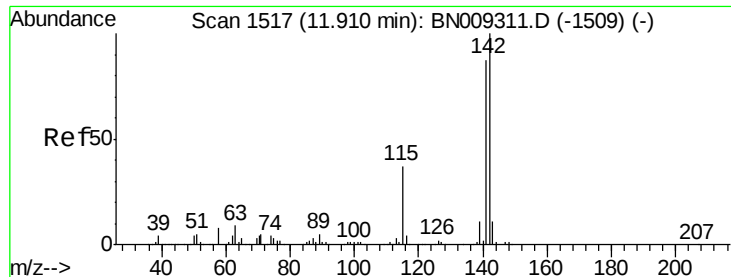


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

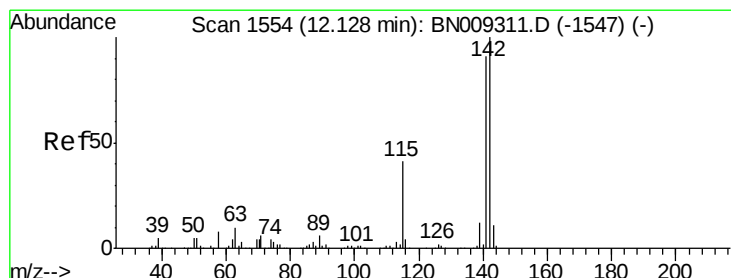
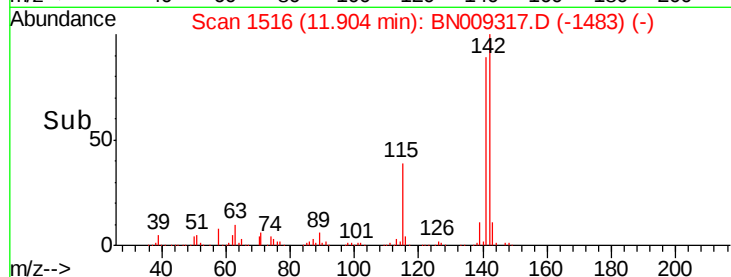
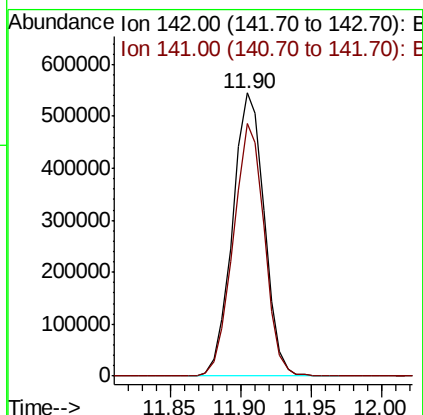
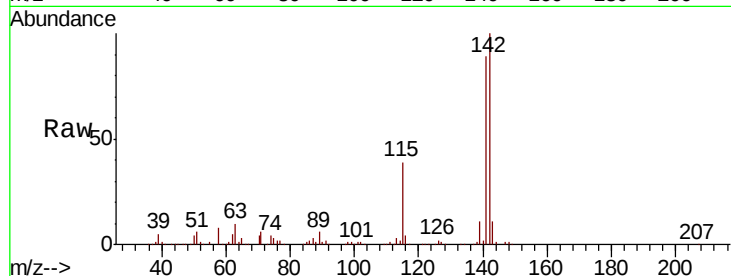




#34  
2-Methylnaphthalene  
Concen: 20.053 ng/ul  
RT: 11.90 min Scan# 1516  
Delta R.T. -0.01 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

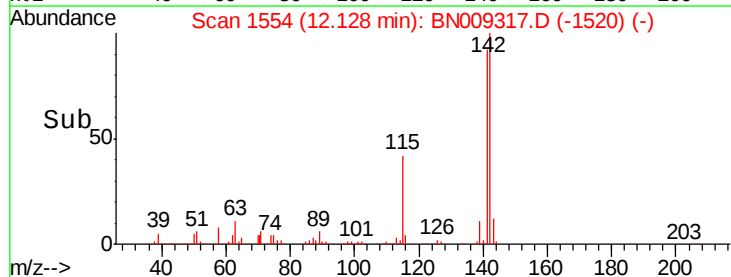
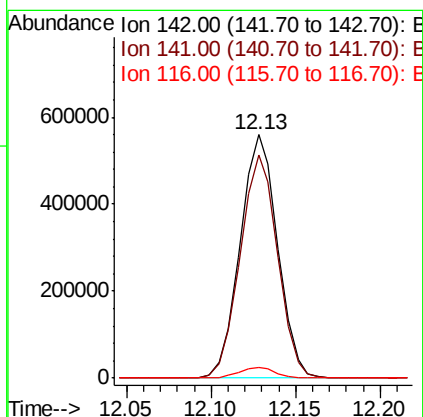
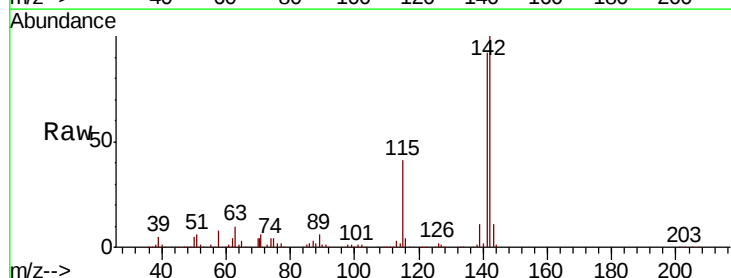
Instrument :  
BNA\_N  
ClientSampleId :

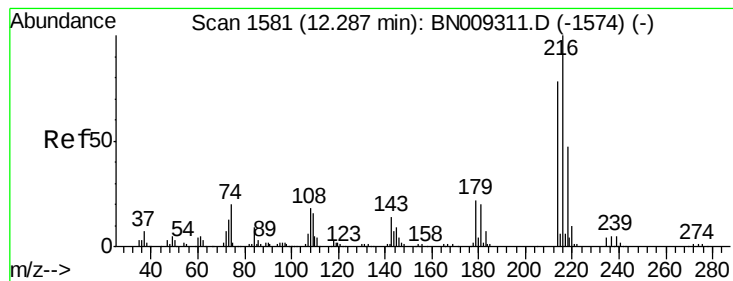
Tot Ion:142 Resp: 856821  
Ion Ratio Lower Upper  
142 100  
141 89.1 69.7 104.5



#35  
1-Methylnaphthalene  
Concen: 19.746 ng/ul  
RT: 12.13 min Scan# 1554  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion:142 Resp: 861240  
Ion Ratio Lower Upper  
142 100  
141 91.9 73.2 109.8  
116 4.5 3.3 4.9





#37

1,2,4,5-Tetrachlorobenzene

Concen: 19.610 ng/ul

RT: 12.29 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

Tot Ion:216 Resp: 435570

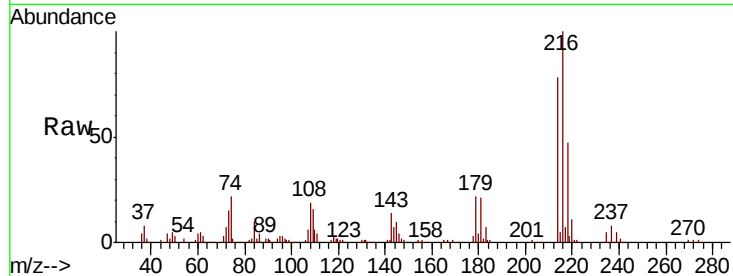
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.6  | 62.6  | 93.8  |
| 179 | 21.9  | 17.4  | 26.0  |
| 108 | 18.7  | 14.4  | 21.6  |

216 100

214 77.6 62.6 93.8

179 21.9 17.4 26.0

108 18.7 14.4 21.6

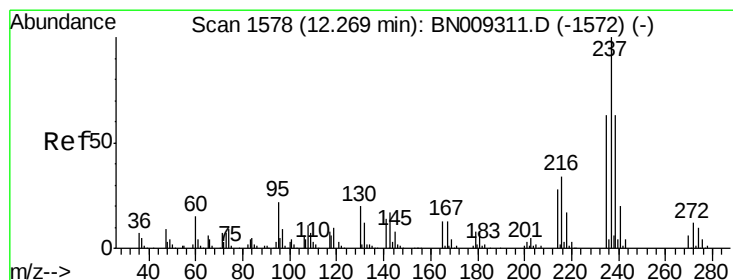
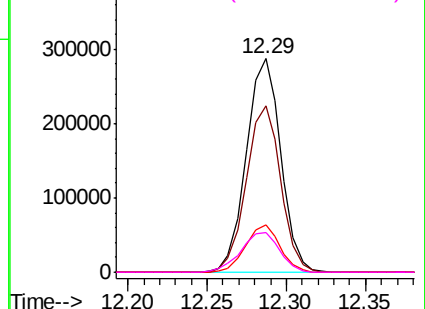
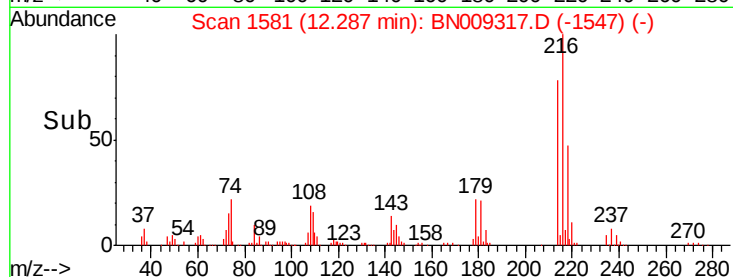


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38

Hexachlorocyclopentadiene

Concen: 18.783 ng/ul

RT: 12.27 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

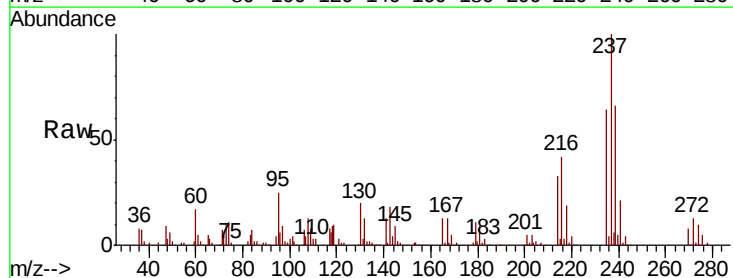
Tgt Ion:237 Resp: 260902

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 63.7  | 50.6  | 76.0  |
| 272 | 13.3  | 9.8   | 14.8  |

237 100

235 63.7 50.6 76.0

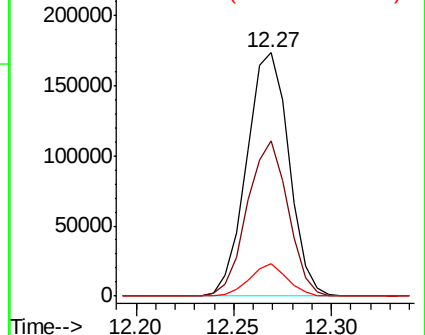
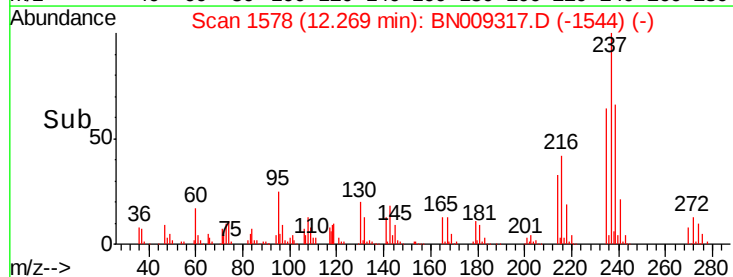
272 13.3 9.8 14.8

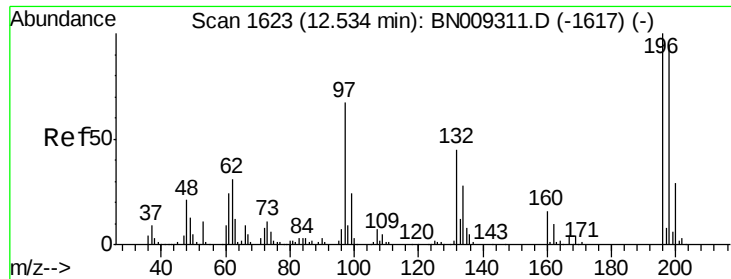


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

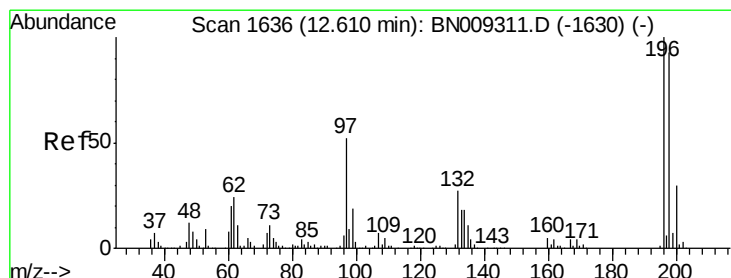
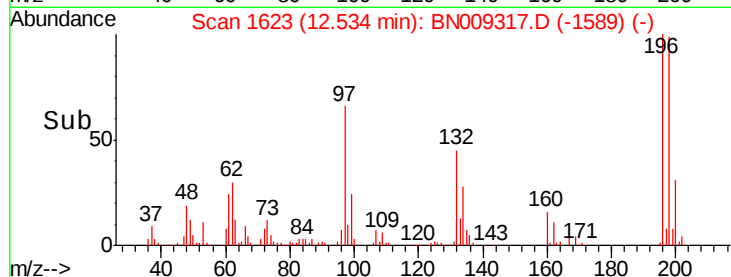
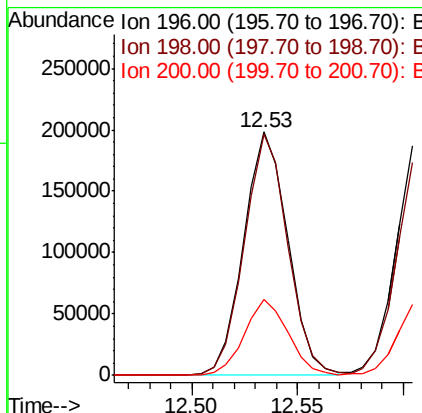
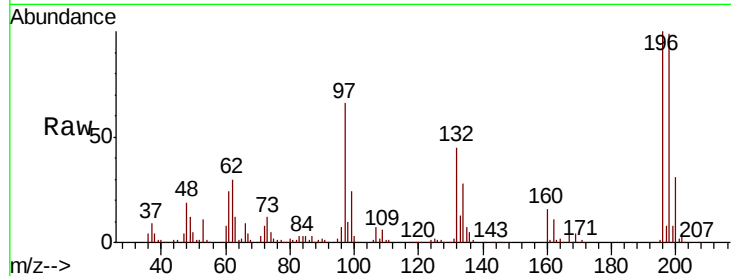




#39  
 2,4,6-Trichlorophenol  
 Concen: 19.961 ng/ul  
 RT: 12.53 min Scan# 1623  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

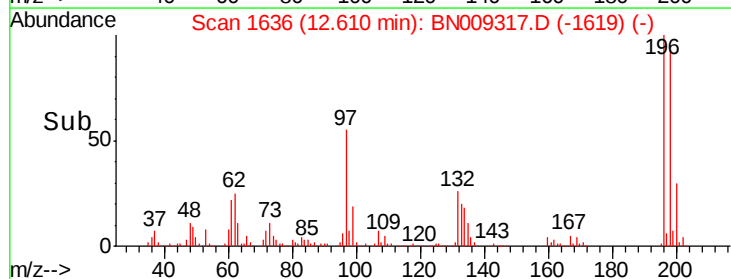
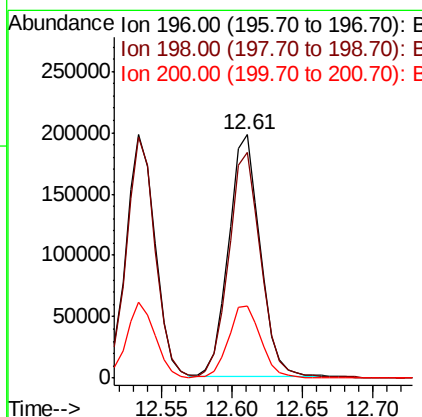
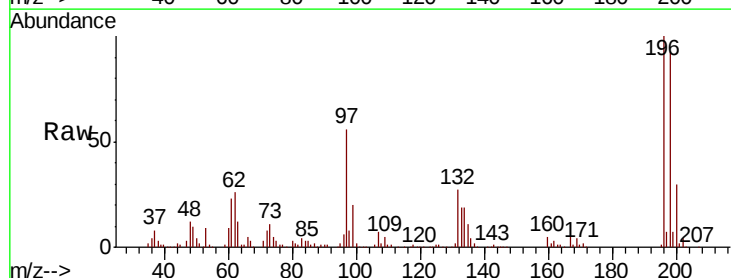
Instrument :  
 BNA\_N  
 ClientSampled :

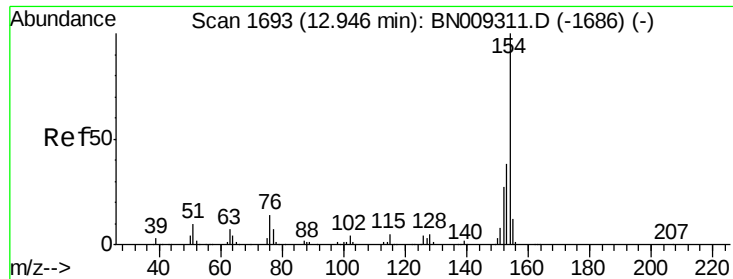
| Tot Ion   | 196  | Resp  | 288171 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 196       | 100  | 75.4  | 113.0  |
| 198       | 99.0 | 23.2  | 34.8   |
| 200       | 31.4 |       |        |



#40  
 2,4,5-Trichlorophenol  
 Concen: 19.826 ng/ul  
 RT: 12.61 min Scan# 1636  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

| Tgt Ion   | 196  | Resp  | 307550 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 196       | 100  | 74.4  | 111.6  |
| 198       | 92.9 | 23.8  | 35.6   |
| 200       | 29.6 |       |        |





#41

1,1'-Biphenyl

Concen: 19.760 ng/ul

RT: 12.94 min Scan# 1692

Delta R.T. -0.01 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

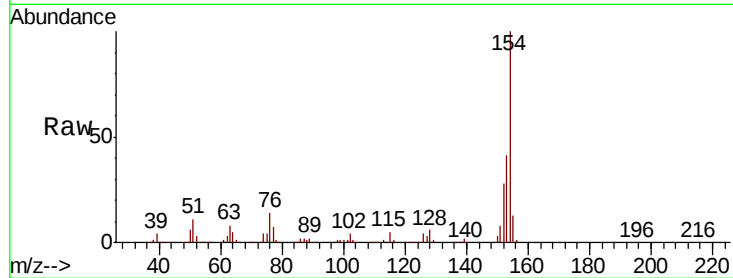
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:154 Resp: 1136540

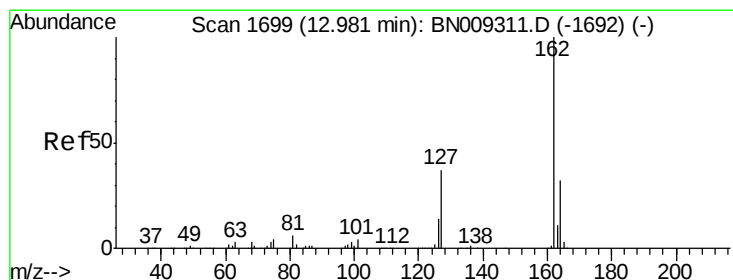
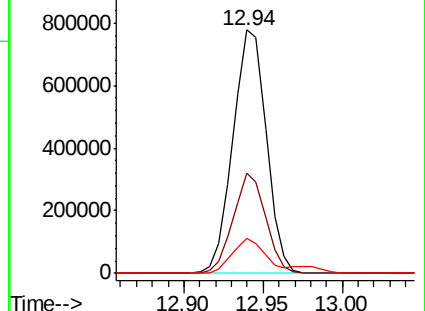
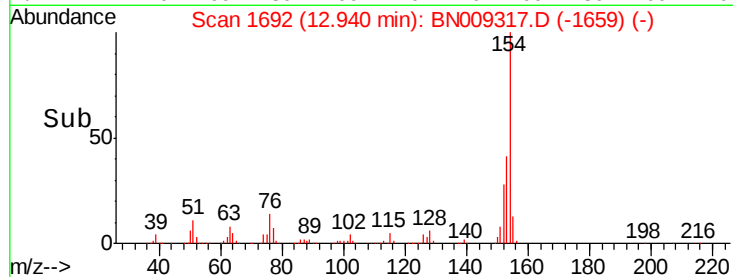
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.4  | 30.8  | 46.2  |
| 76  | 14.5  | 11.3  | 16.9  |



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#42

2-Chloronaphthalene

Concen: 19.611 ng/ul

RT: 12.97 min Scan# 1698

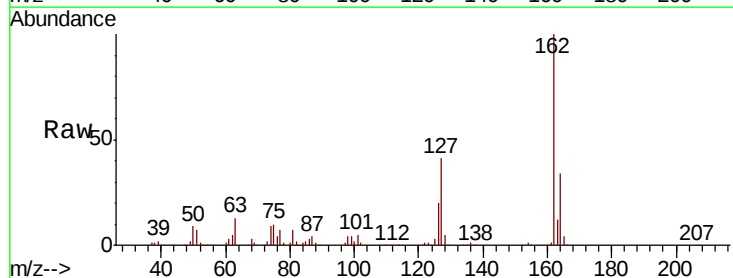
Delta R.T. -0.01 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Tgt Ion:162 Resp: 884404

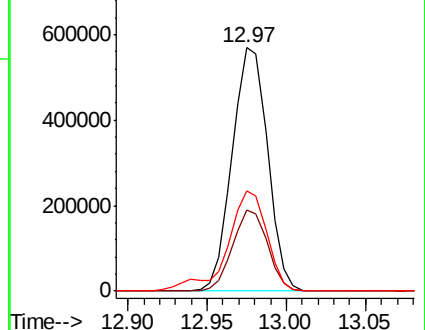
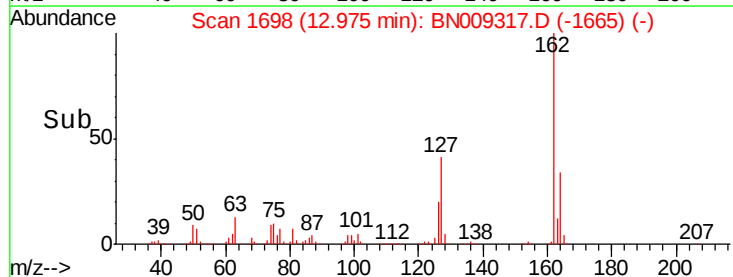
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 33.5  | 25.4  | 38.0  |
| 127 | 41.2  | 33.0  | 49.6  |

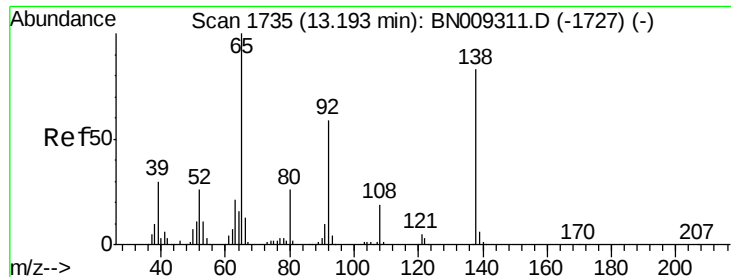


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

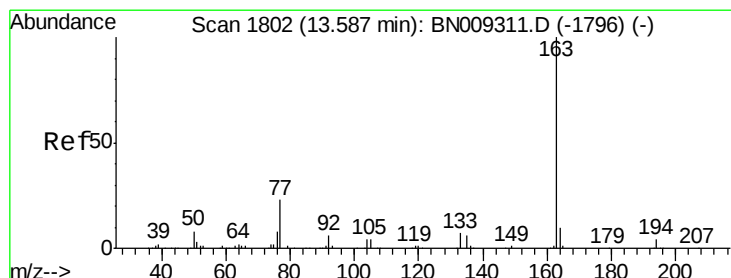
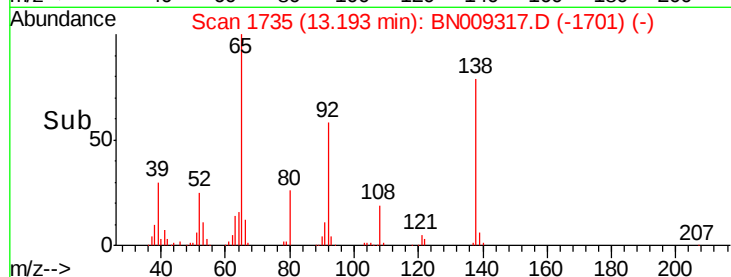
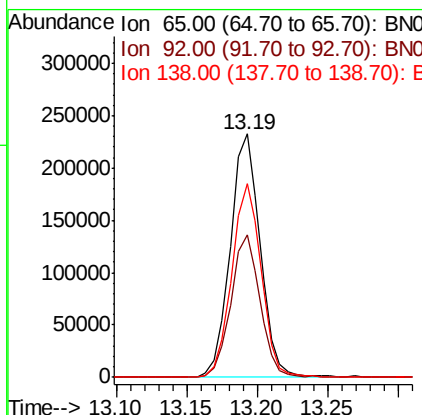
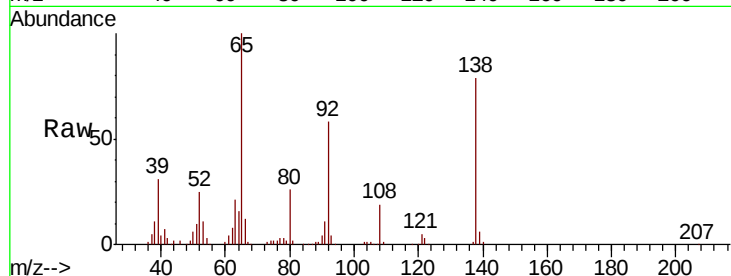




#43  
2-Nitroaniline  
Concen: 20.298 ng/ul  
RT: 13.19 min Scan# 1735  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

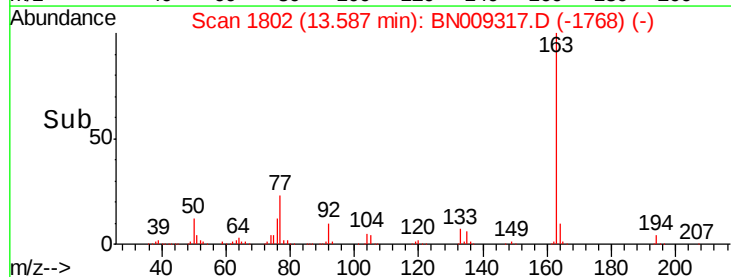
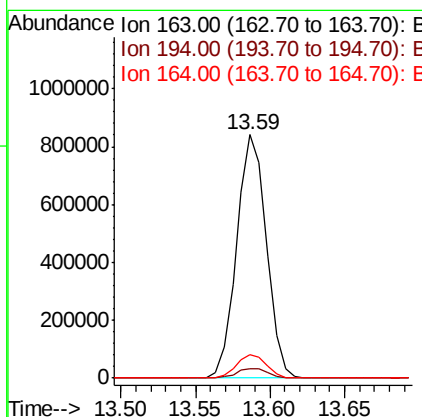
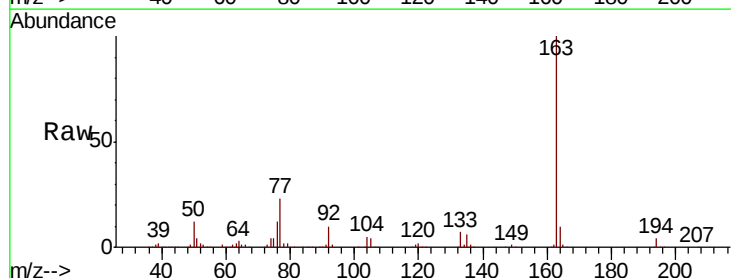
Instrument :  
BNA\_N  
ClientSampleId :

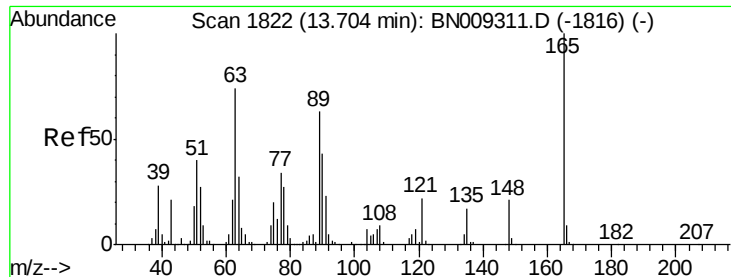
Tot Ion: 65 Resp: 343266  
Ion Ratio Lower Upper  
65 100  
92 58.4 47.2 70.8  
138 79.4 66.6 100.0



#45  
Dimethylphthalate  
Concen: 19.893 ng/ul  
RT: 13.59 min Scan# 1802  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion: 163 Resp: 1163577  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 9.9 8.0 12.0

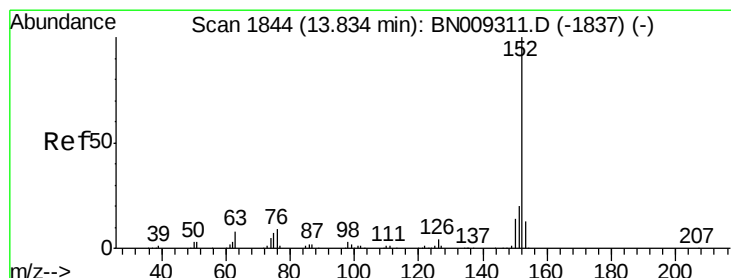
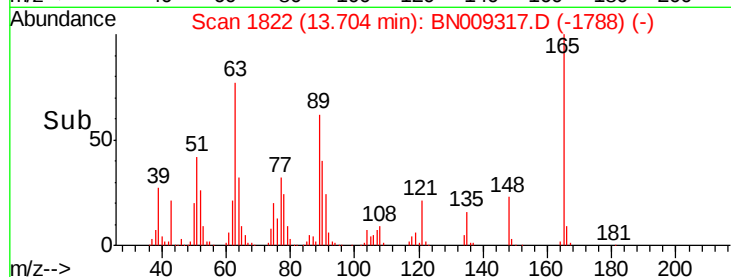
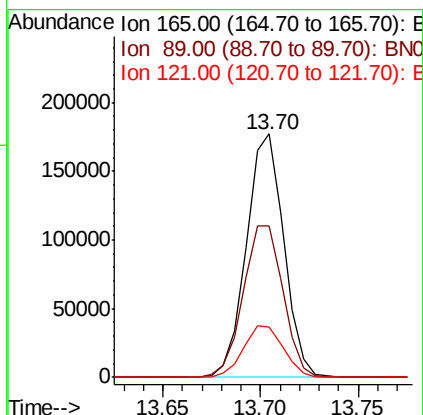
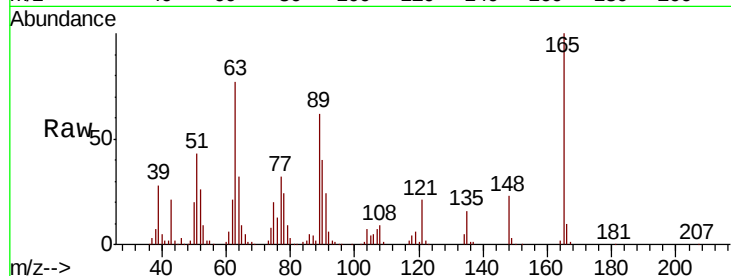




#46  
2,6-Dinitrotoluene  
Concen: 20.129 ng/ul  
RT: 13.70 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

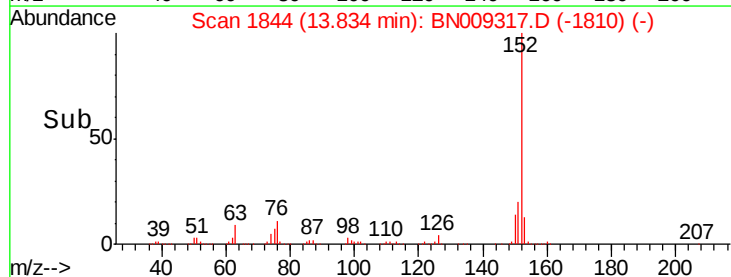
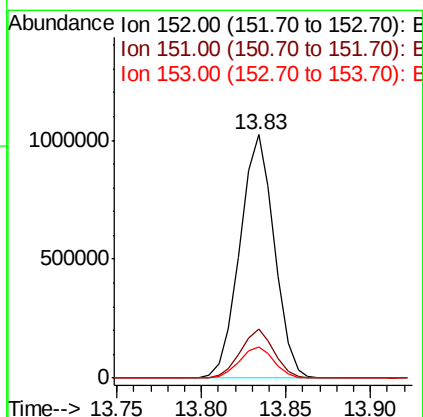
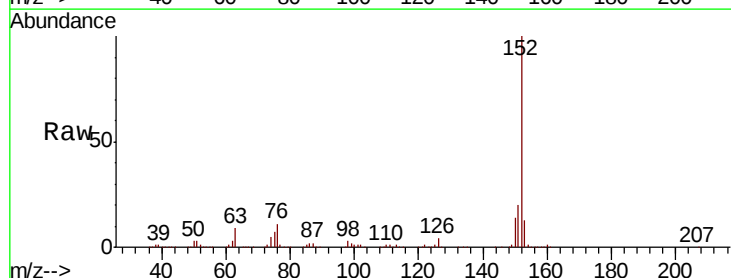
Instrument :  
BNA\_N  
ClientSampled :

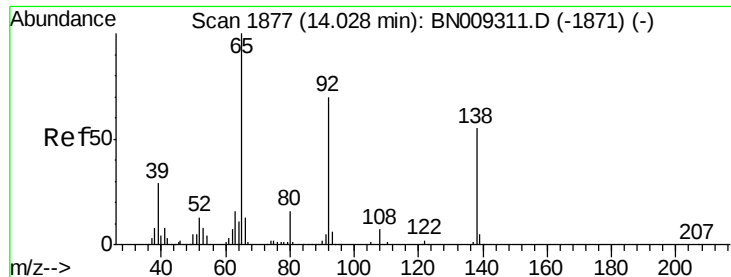
Tot Ion:165 Resp: 236292  
Ion Ratio Lower Upper  
165 100  
89 62.2 50.5 75.7  
121 20.6 17.8 26.8



#48  
Acenaphthylene  
Concen: 19.965 ng/ul  
RT: 13.83 min Scan# 1844  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion:152 Resp: 1451563  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.7 23.5  
153 13.0 10.6 16.0





#49

3-Nitroaniline

Concen: 16.381 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

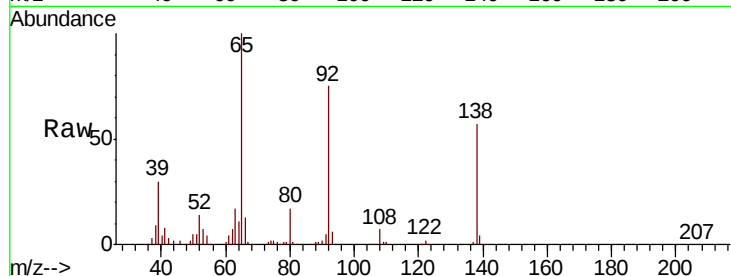
Tot Ion:138 Resp: 170584

Ion Ratio Lower Upper

138 100

108 12.3 10.4 15.6

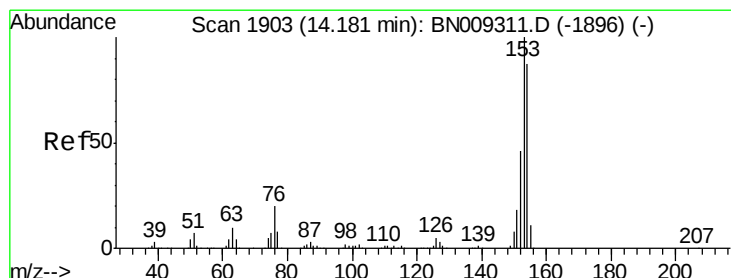
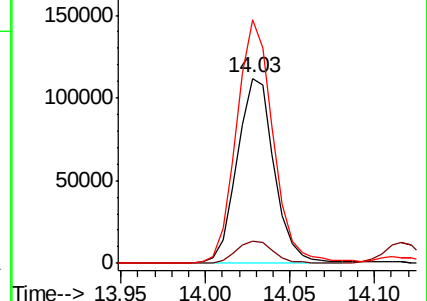
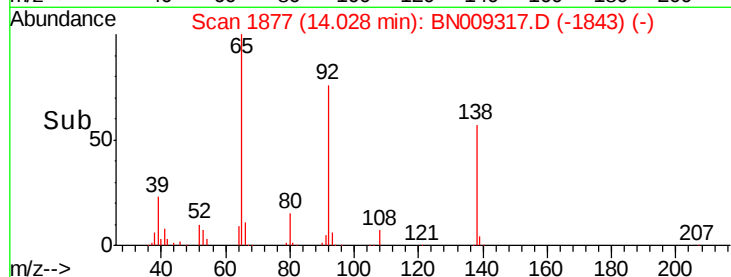
92 131.6 102.6 154.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO



#50

Acenaphthene

Concen: 19.868 ng/ul

RT: 14.18 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

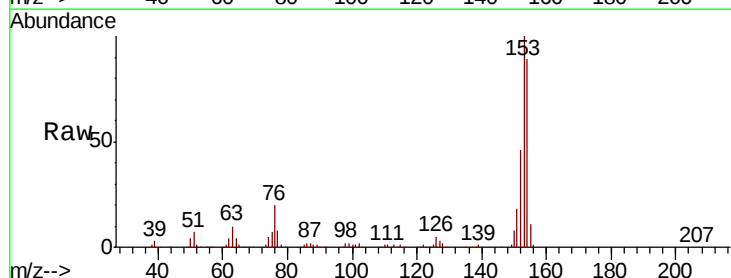
Tgt Ion:153 Resp: 971357

Ion Ratio Lower Upper

153 100

152 46.1 37.2 55.8

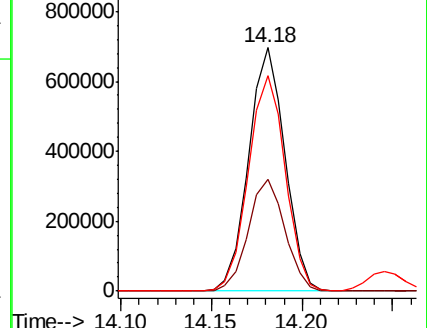
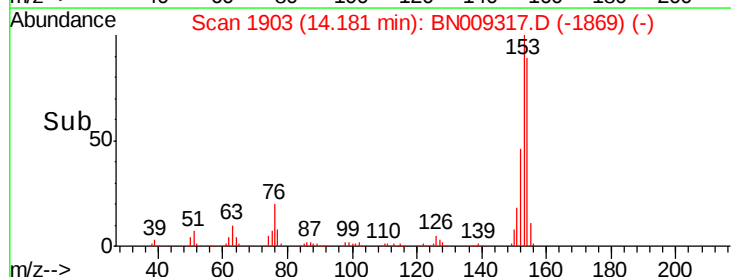
154 88.7 69.8 104.6

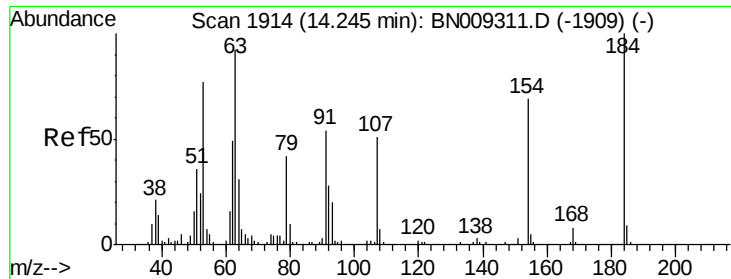


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

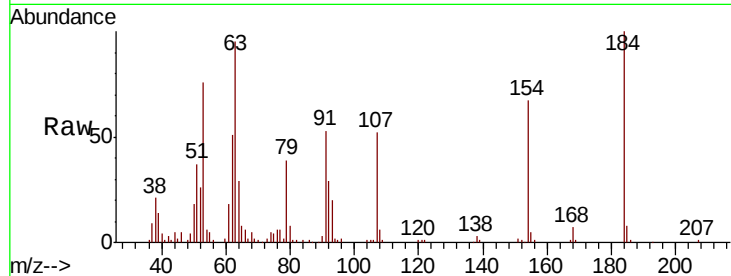




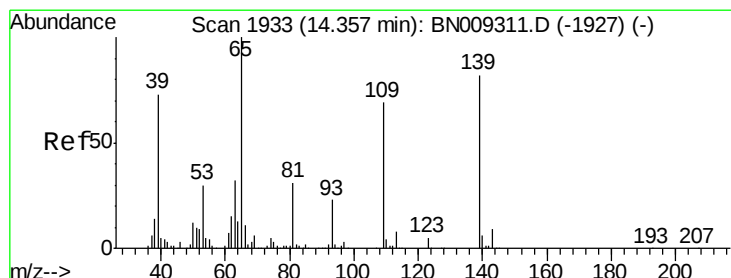
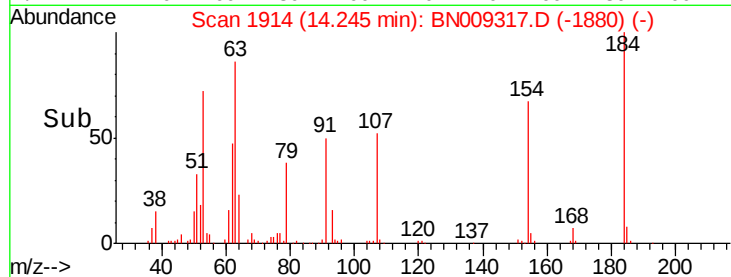
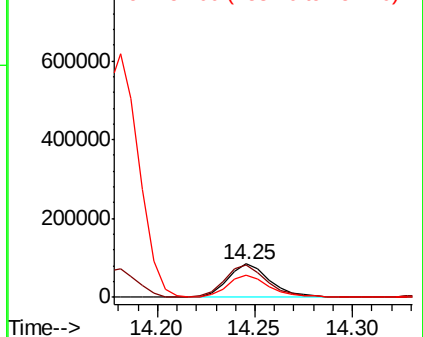
#51  
 2,4-Dinitrophenol  
 Concen: 17.594 ng/ul  
 RT: 14.25 min Scan# 1914  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:184 Resp: 129265  
 Ion Ratio Lower Upper  
 184 100  
 63 95.0 73.7 110.5  
 154 66.5 56.5 84.7

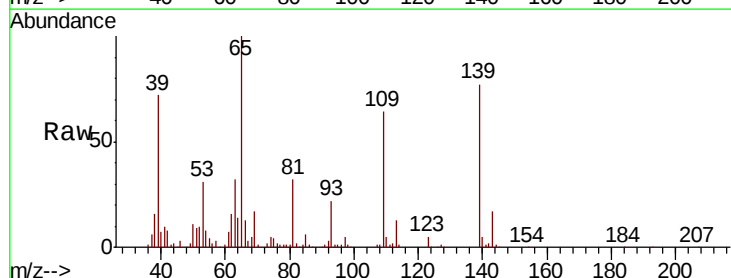


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BNO  
 Ion 154.00 (153.70 to 154.70): E

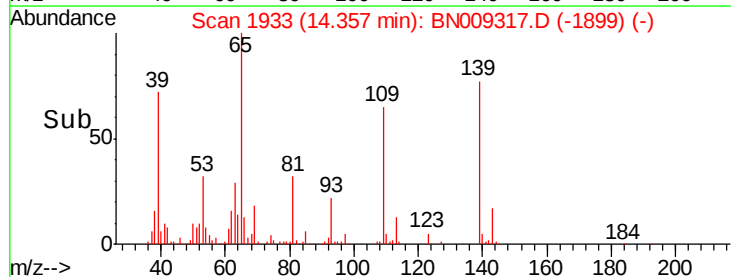
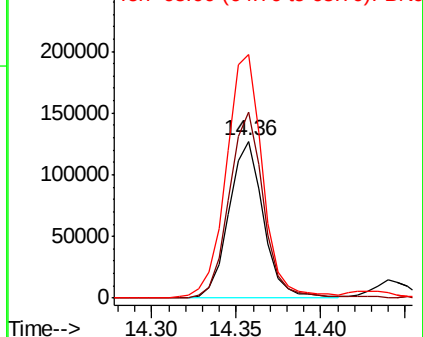


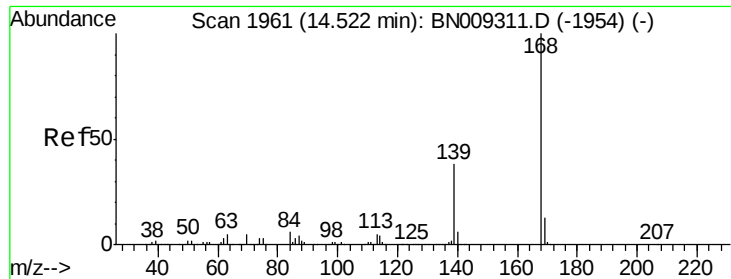
#53  
 4-Nitrophenol  
 Concen: 19.488 ng/ul  
 RT: 14.36 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Tgt Ion:109 Resp: 180531  
 Ion Ratio Lower Upper  
 109 100  
 139 119.0 95.0 142.4  
 65 155.3 117.7 176.5



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): BNO





#54

Dibenzofuran

Concen: 19.657 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

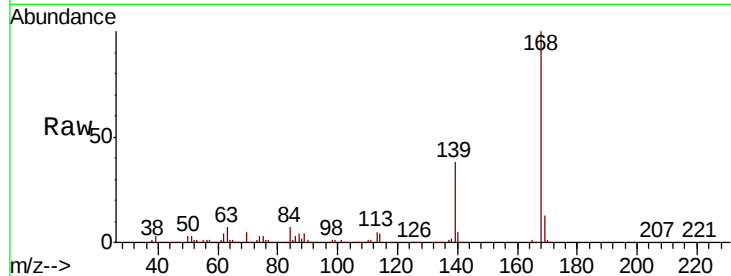
ClientSampleId :

Tot Ion:168 Resp: 1330086

Ion Ratio Lower Upper

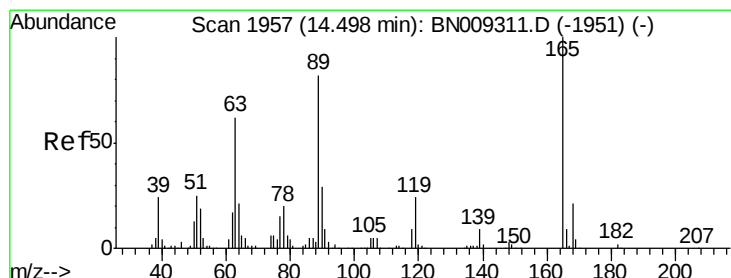
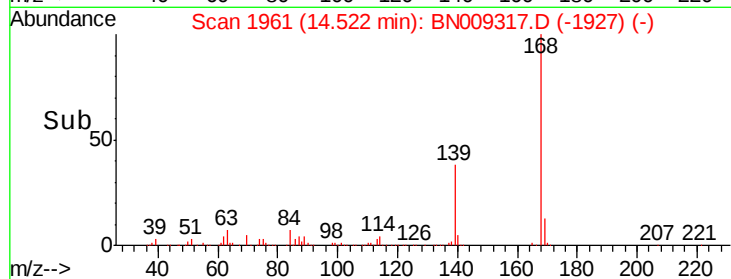
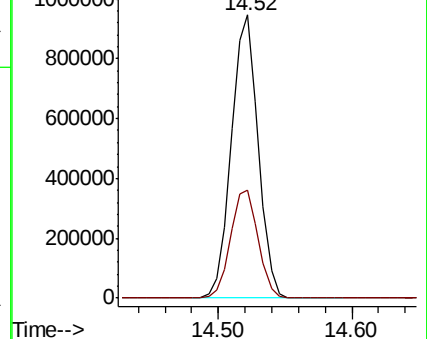
168 100

139 38.0 30.4 45.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 20.184 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

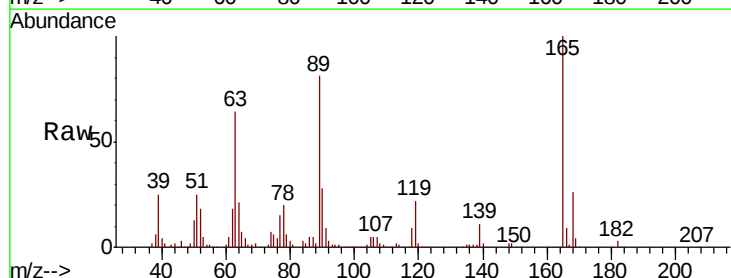
Tgt Ion:165 Resp: 345056

Ion Ratio Lower Upper

165 100

63 63.9 49.8 74.6

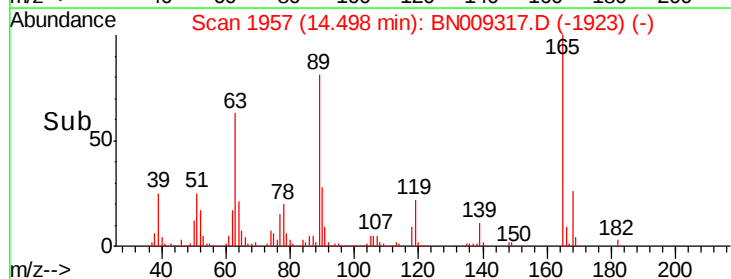
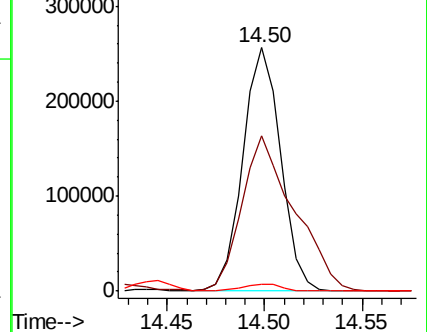
182 3.0 2.2 3.4

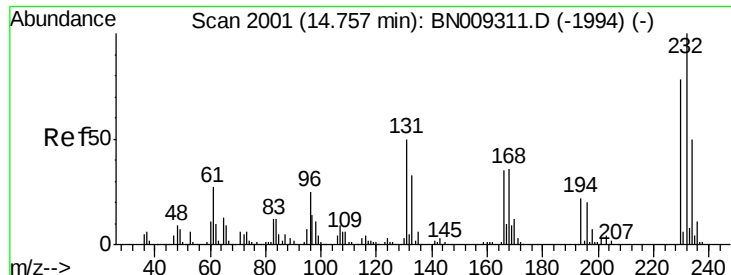


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

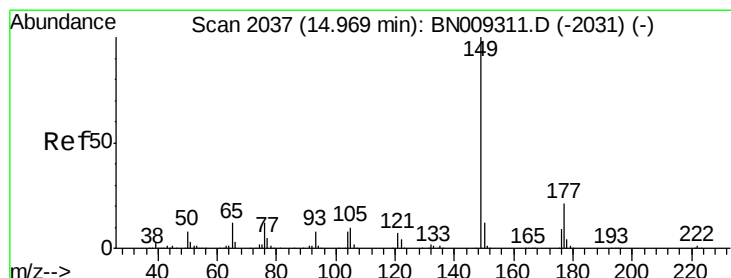
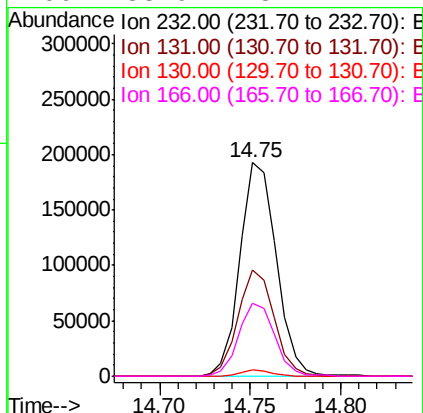
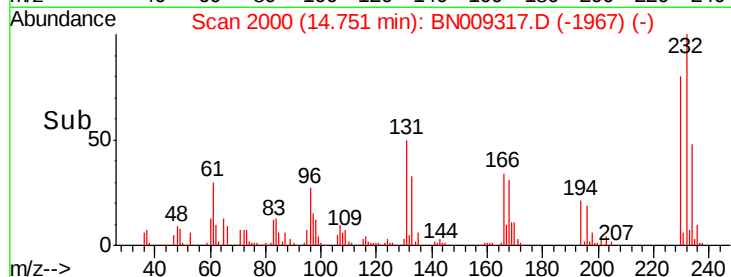
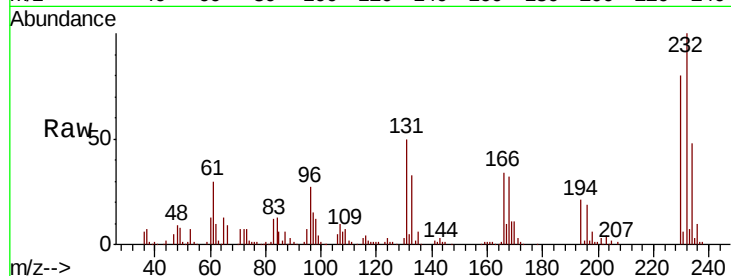




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.875 ng/ul  
 RT: 14.75 min Scan# 2000  
 Delta R.T. -0.01 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

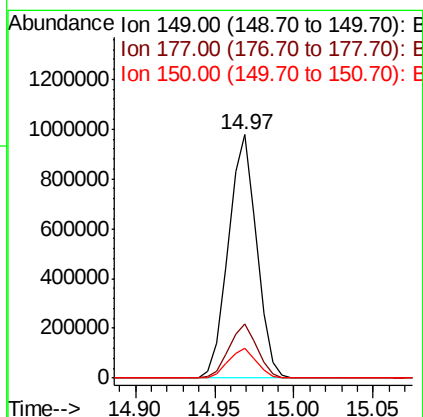
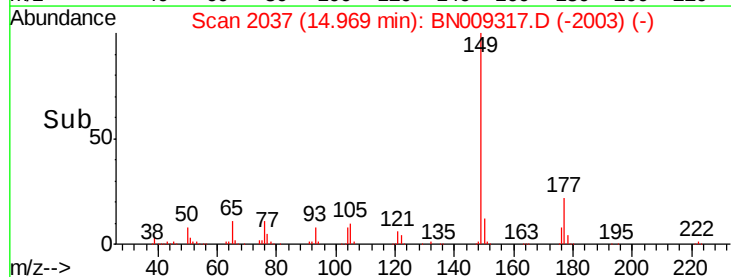
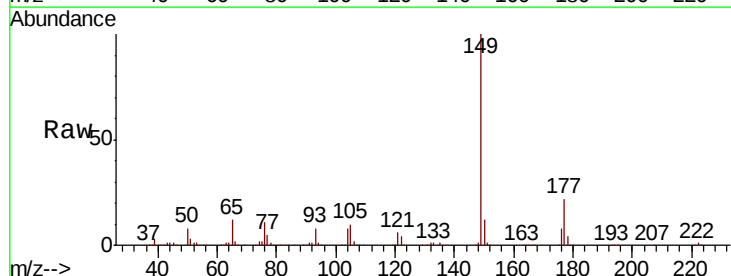
Instrument :  
 BNA\_N  
 ClientSampleId :

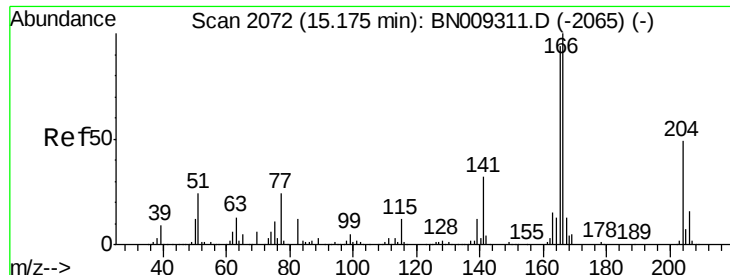
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 49.8  | 39.7  | 59.5  |
| 130     | 2.9   | 2.0   | 3.0   |
| 166     | 33.9  | 28.2  | 42.4  |



#57  
 Diethylphthalate  
 Concen: 19.804 ng/ul  
 RT: 14.97 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 17.1  | 25.7  |
| 150     | 12.4  | 9.8   | 14.6  |





#59

Fluorene

Concen: 19.832 ng/ul

RT: 15.17 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

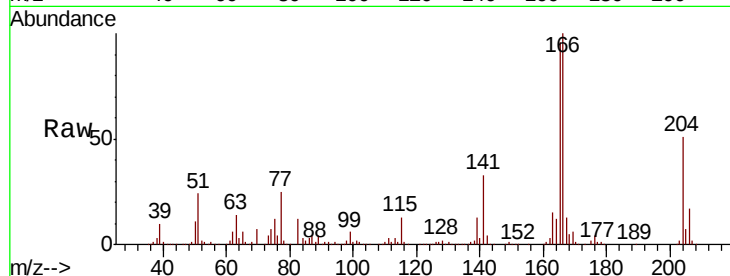
Tot Ion:166 Resp: 1130068

Ion Ratio Lower Upper

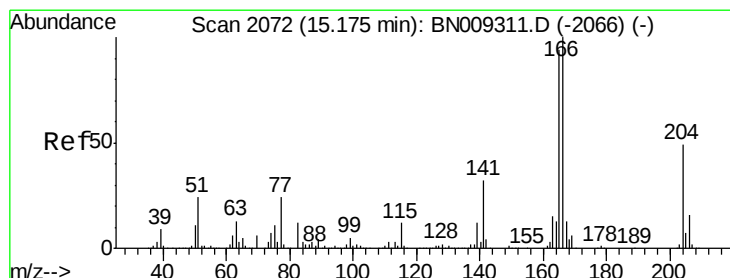
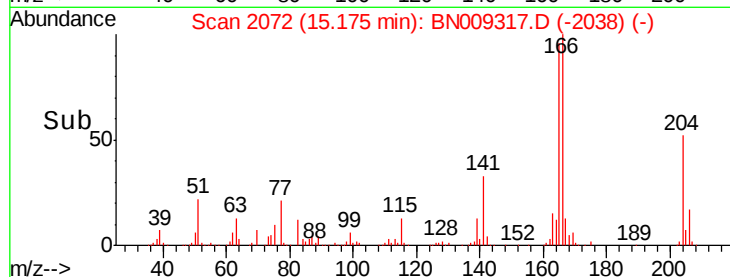
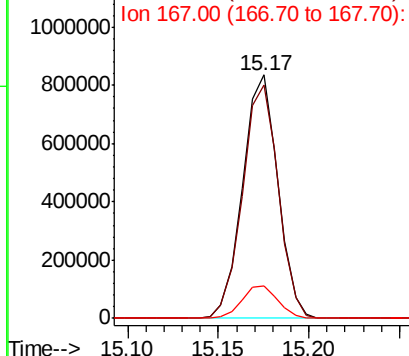
166 100

165 95.8 75.0 112.6

167 13.1 10.5 15.7



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



#60

4-Chlorophenyl-phenylether

Concen: 19.941 ng/ul

RT: 15.17 min Scan# 2072

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

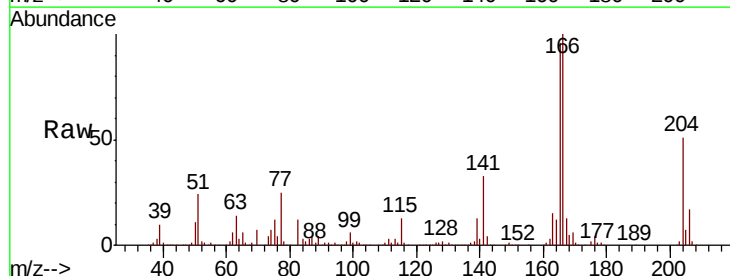
Tgt Ion:204 Resp: 566775

Ion Ratio Lower Upper

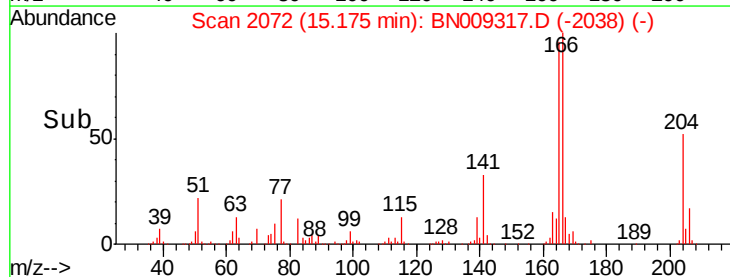
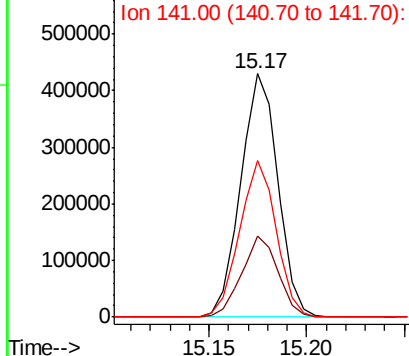
204 100

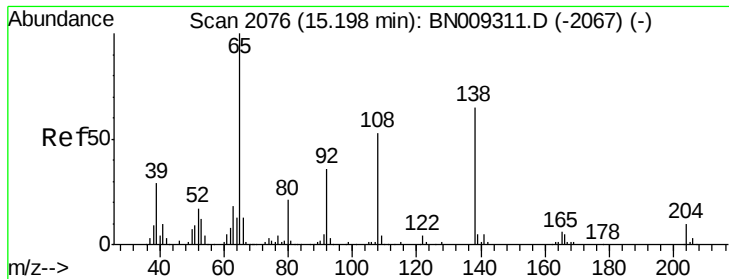
206 33.5 25.5 38.3

141 64.2 51.4 77.2



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

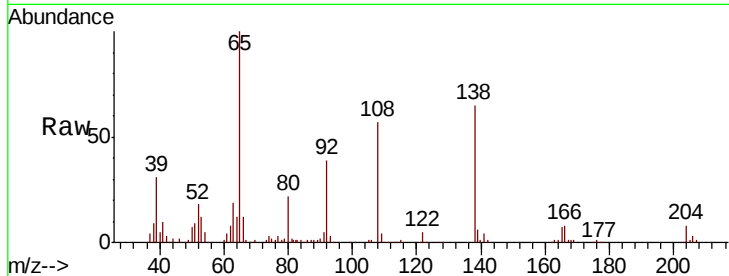




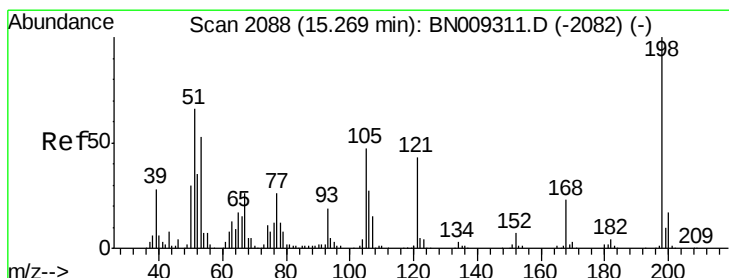
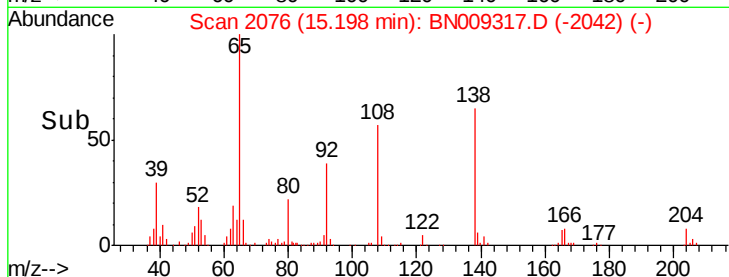
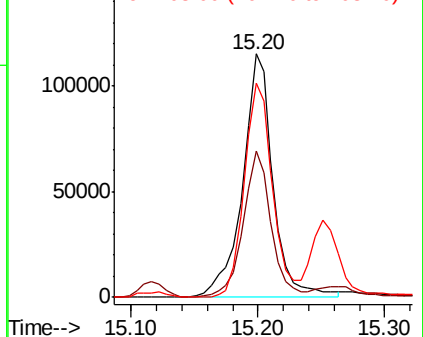
#61  
4-Nitroaniline  
Concen: 16.251 ng/ul  
RT: 15.20 min Scan# 2076  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:138 Resp: 192968  
Ion Ratio Lower Upper  
138 100  
92 59.9 45.0 67.6  
108 87.9 65.6 98.4

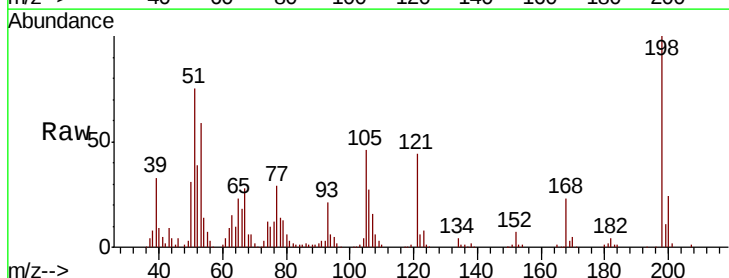


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BNO  
Ion 108.00 (107.70 to 108.70): E

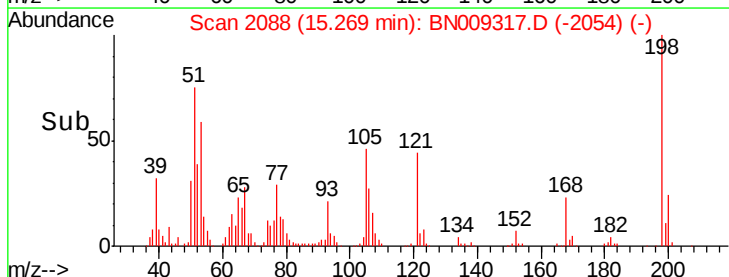
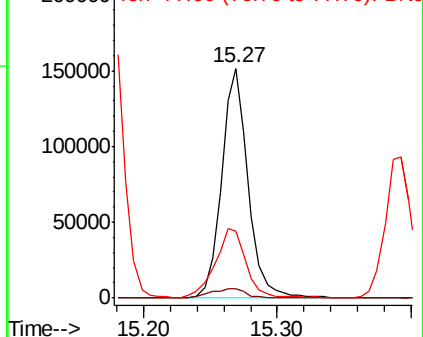


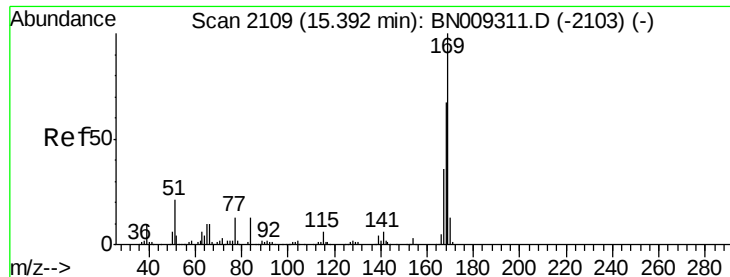
#64  
4,6-Dinitro-2-methylphenol  
Concen: 18.814 ng/ul  
RT: 15.27 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion:198 Resp: 210298  
Ion Ratio Lower Upper  
198 100  
182 4.2 3.3 4.9  
77 28.9 21.9 32.9



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): BNO

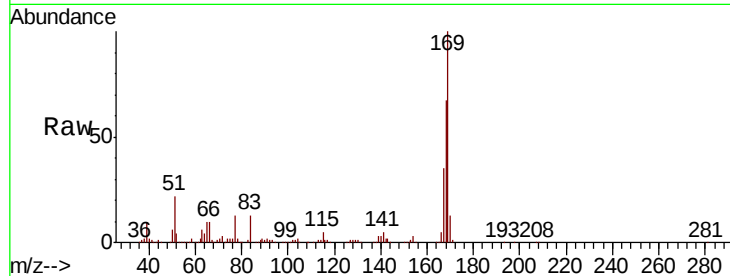




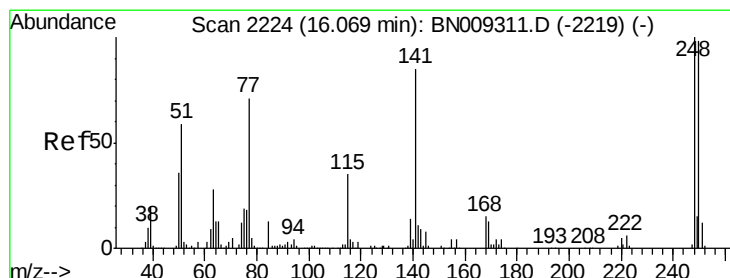
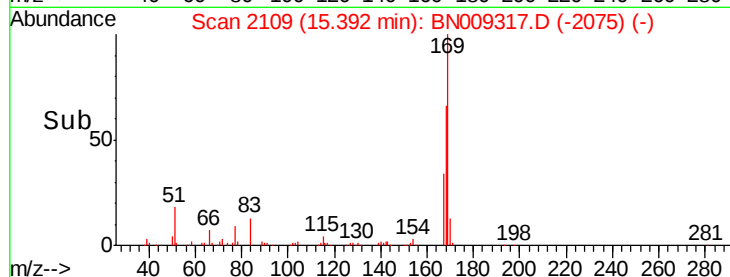
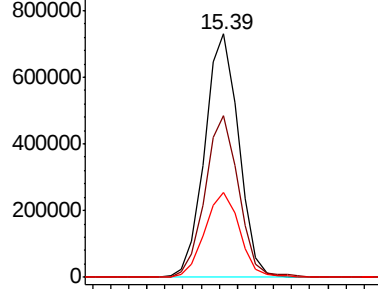
#65  
N-Nitrosodiphenylamine  
Concen: 19.608 ng/ul  
RT: 15.39 min Scan# 2109  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:169 Resp: 948274  
Ion Ratio Lower Upper  
169 100  
168 66.6 53.4 80.2  
167 35.0 28.8 43.2

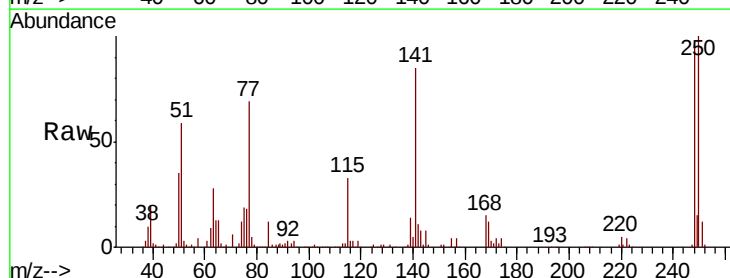


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

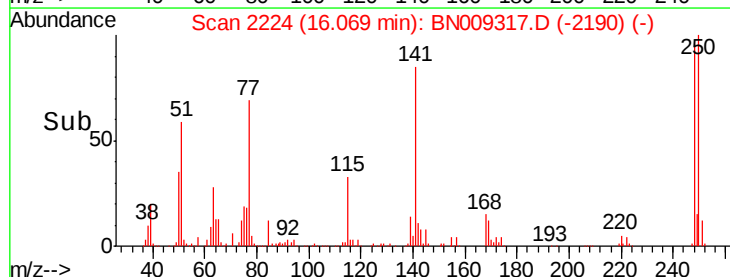
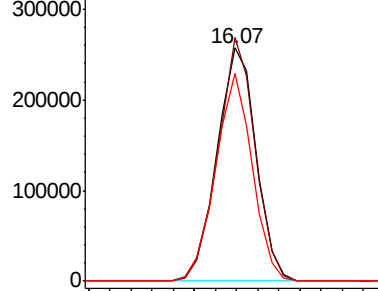


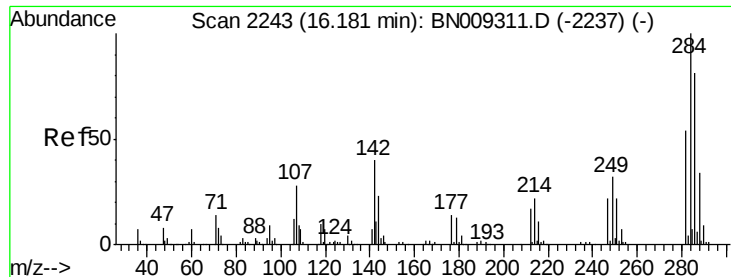
#66  
4-Bromophenyl-phenylether  
Concen: 19.598 ng/ul  
RT: 16.07 min Scan# 2224  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion:248 Resp: 331108  
Ion Ratio Lower Upper  
248 100  
250 104.5 78.6 117.8  
141 89.0 68.3 102.5



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





#67

Hexachlorobenzene

Concen: 19.625 ng/ul

RT: 16.18 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

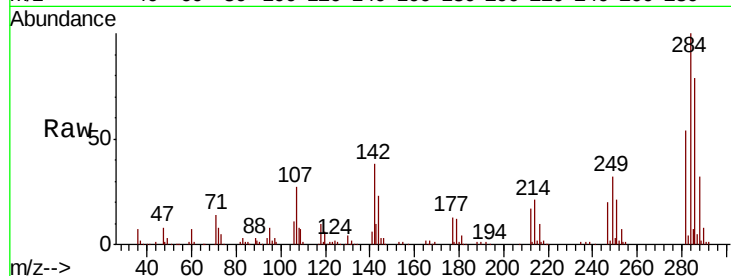
Tot Ion:284 Resp: 371749

Ion Ratio Lower Upper

284 100

142 37.7 31.6 47.4

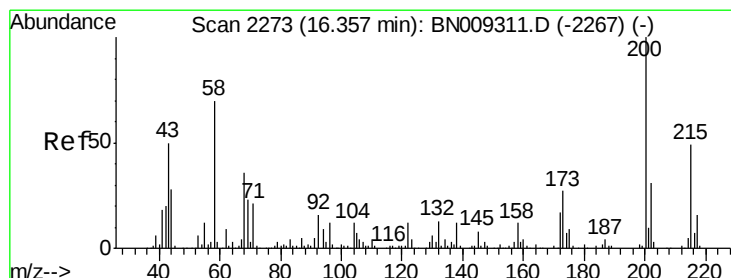
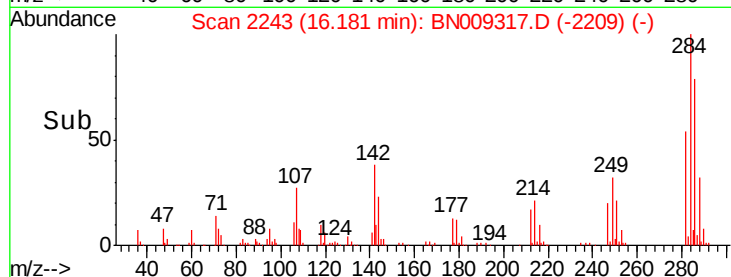
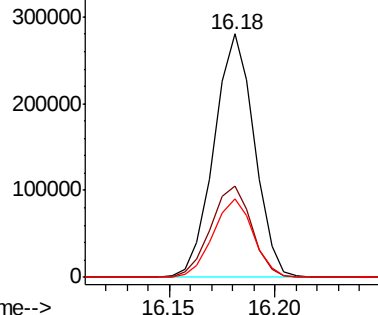
249 32.3 25.7 38.5



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



#68

Atrazine

Concen: 19.398 ng/ul

RT: 16.36 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

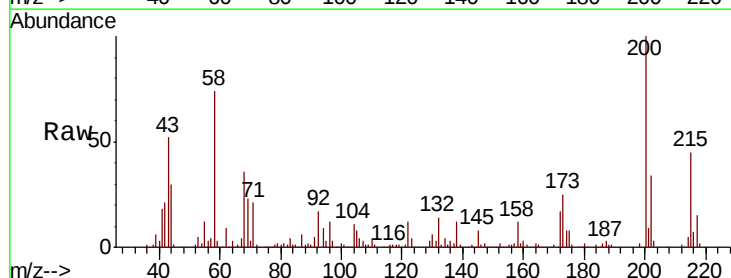
Tgt Ion:200 Resp: 356716

Ion Ratio Lower Upper

200 100

173 25.2 21.5 32.3

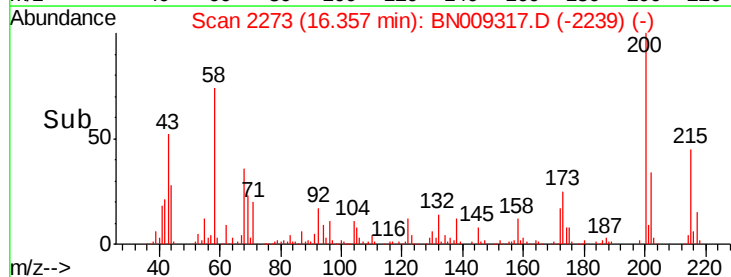
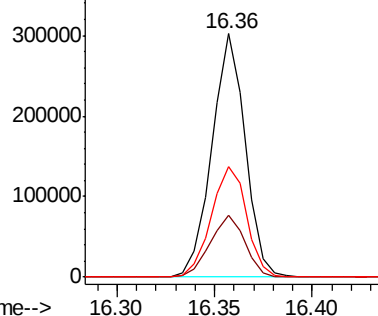
215 45.2 39.3 58.9

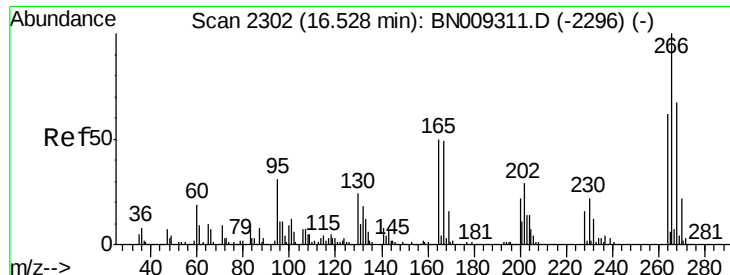


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

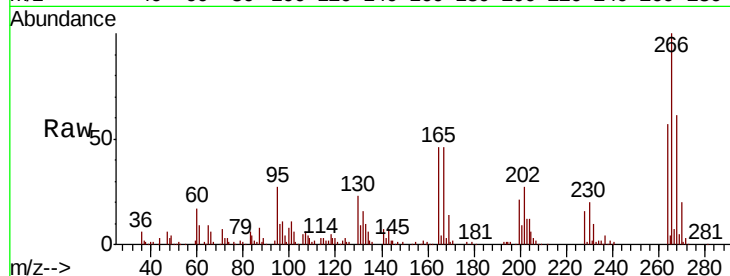




#69  
 Pentachlorophenol  
 Concen: 17.770 ng/ul  
 RT: 16.53 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 57.1  | 49.5  | 74.3  |
| 268     | 61.4  | 53.7  | 80.5  |

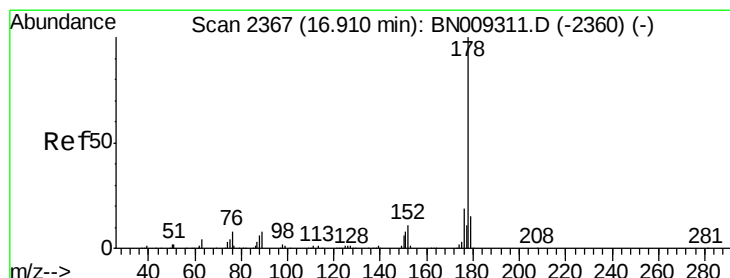
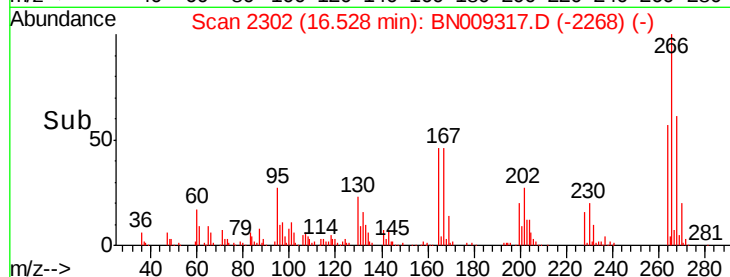
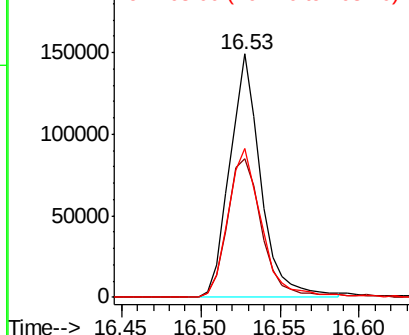


Abundance

Ion 265.70 (265.40 to 266.40): E

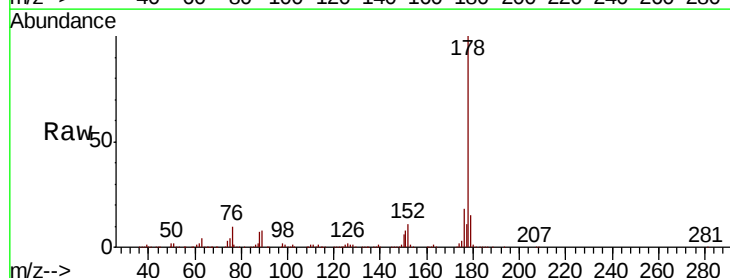
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70  
 Phenanthrene  
 Concen: 19.893 ng/ul  
 RT: 16.91 min Scan# 2367  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.8  | 12.2  | 18.4  |
| 176     | 18.4  | 15.2  | 22.8  |

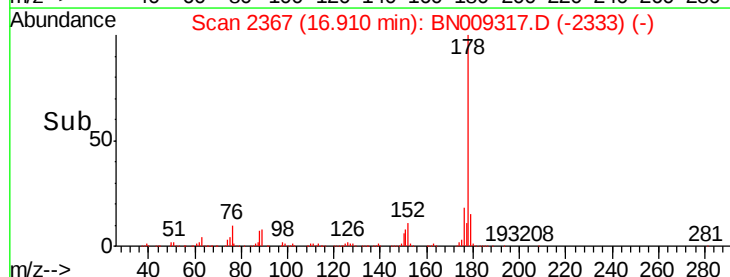
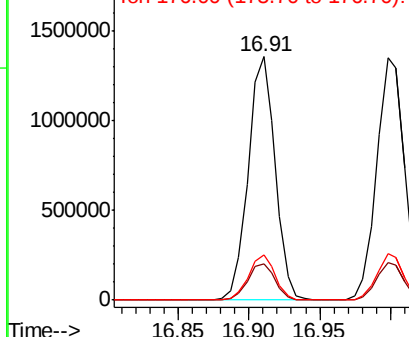


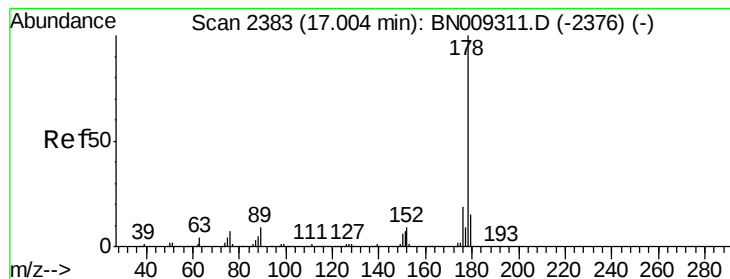
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 19.900 ng/uL

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

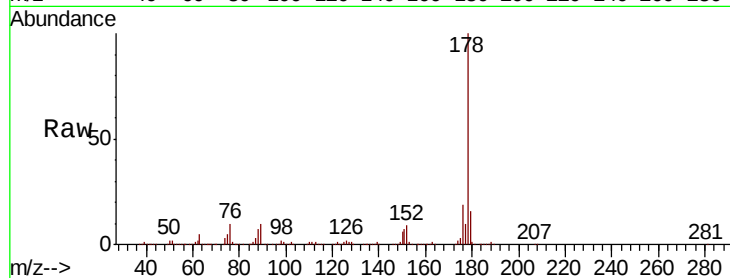
Tot Ion:178 Resp: 1839943

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

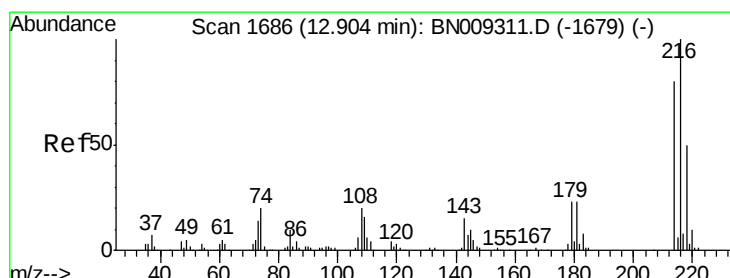
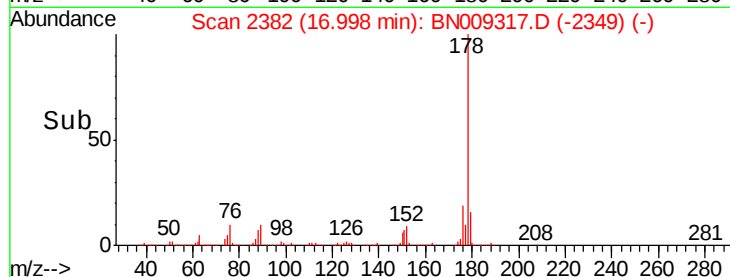
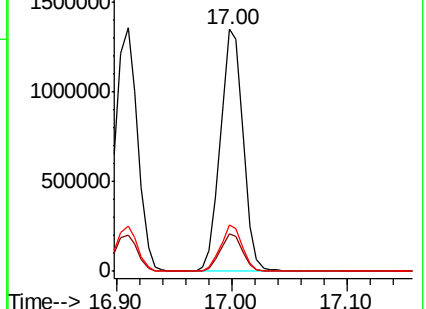
176 19.4 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 19.618 ng/uL

RT: 12.90 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

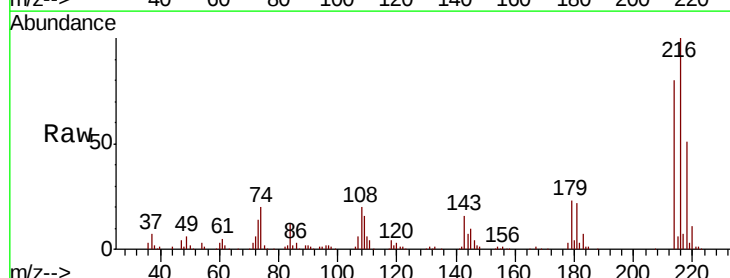
Tgt Ion:216 Resp: 439070

Ion Ratio Lower Upper

216 100

214 79.9 63.9 95.9

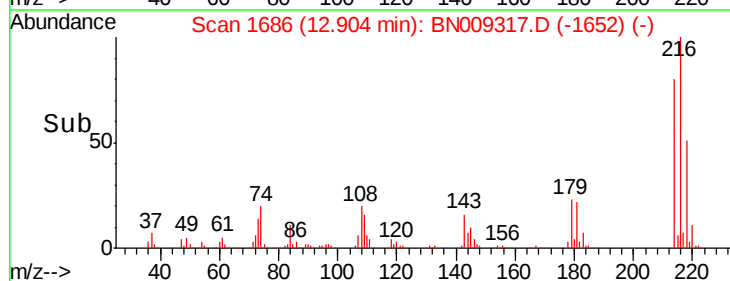
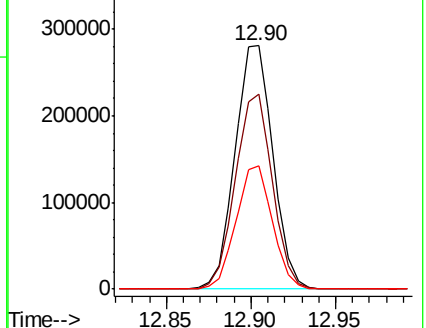
218 50.6 40.2 60.2

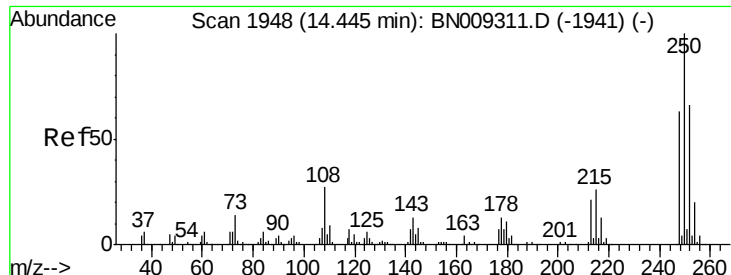


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 19.860 ng/uL

RT: 14.45 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

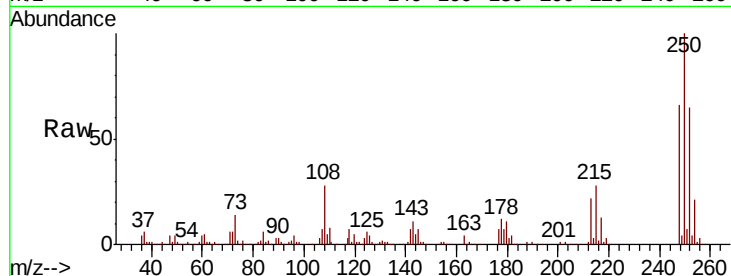
Tot Ion:250 Resp: 430400

Ion Ratio Lower Upper

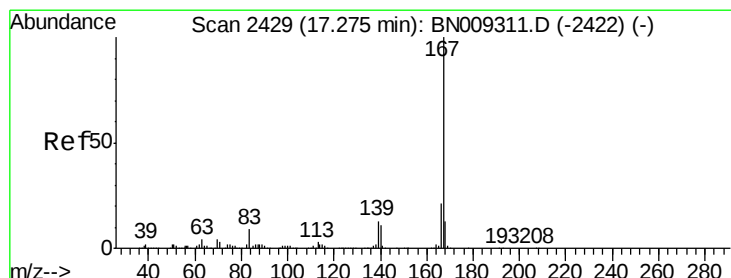
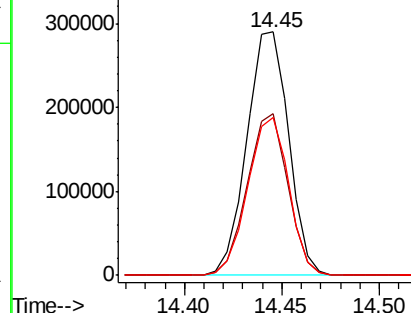
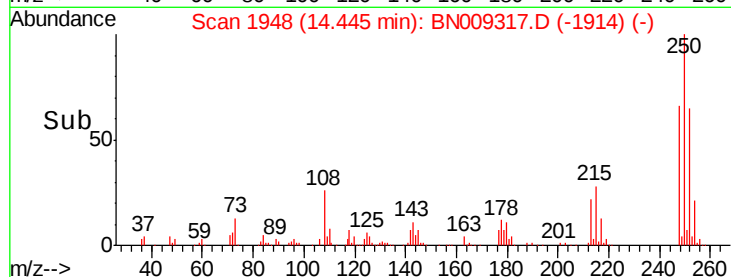
250 100

248 66.5 50.7 76.1

252 65.0 52.6 79.0



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



#75

Carbazole

Concen: 19.695 ng/uL

RT: 17.27 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

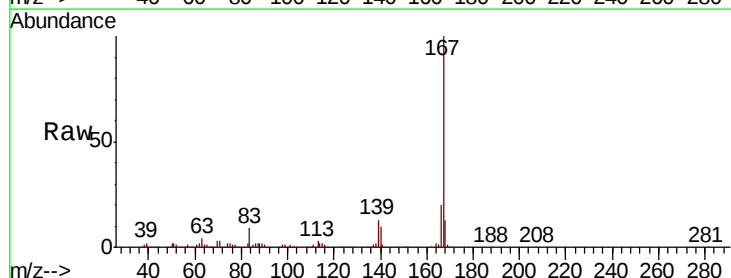
Tgt Ion:167 Resp: 1549421

Ion Ratio Lower Upper

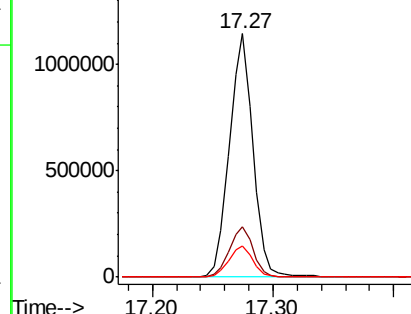
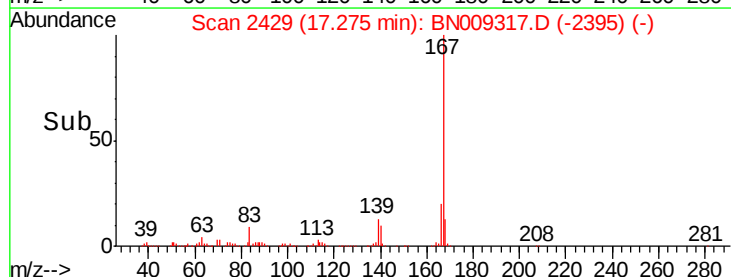
167 100

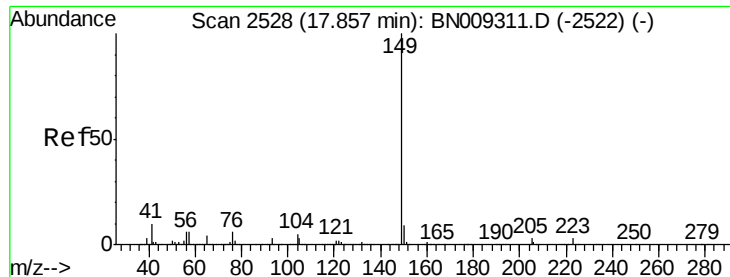
166 20.5 17.1 25.7

139 12.7 10.2 15.2



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

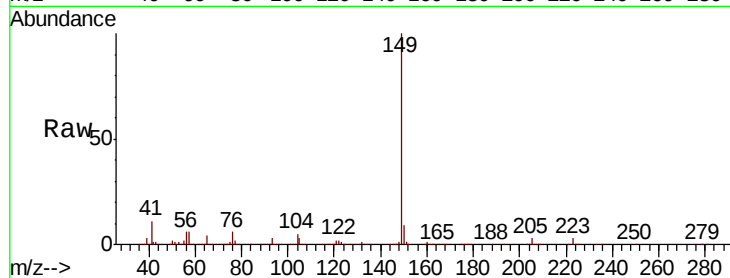




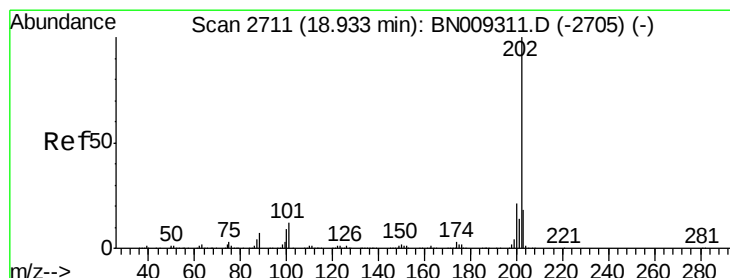
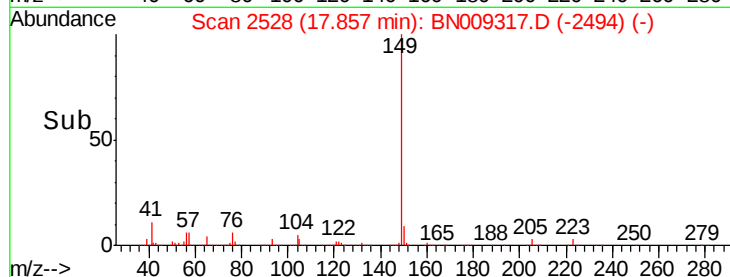
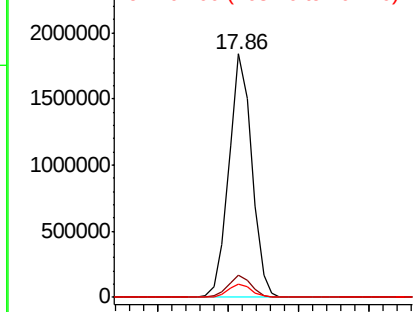
#76  
Di-n-butylphthalate  
Concen: 19.955 ng/ul  
RT: 17.86 min Scan# 2528  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:149 Resp: 2072181  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.2 10.8  
104 5.5 4.3 6.5

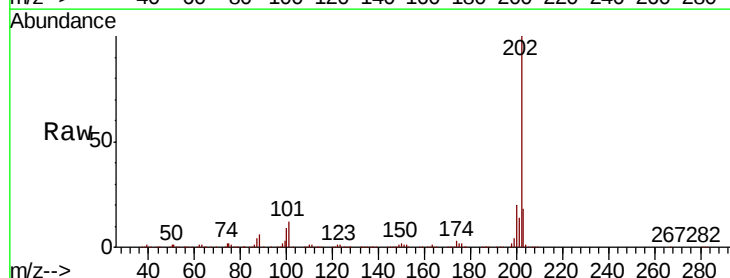


Abundance Ion 149.00 (148.70 to 149.70): E  
2500000 Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

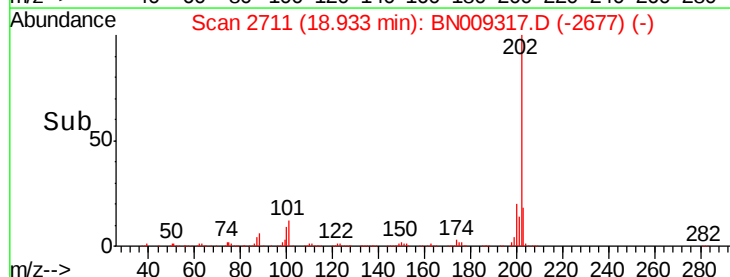
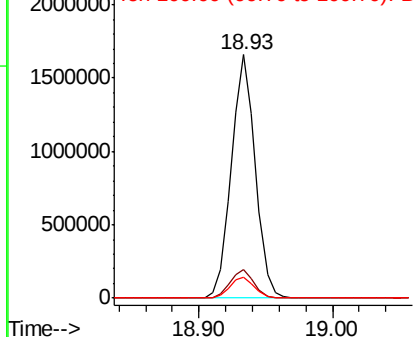


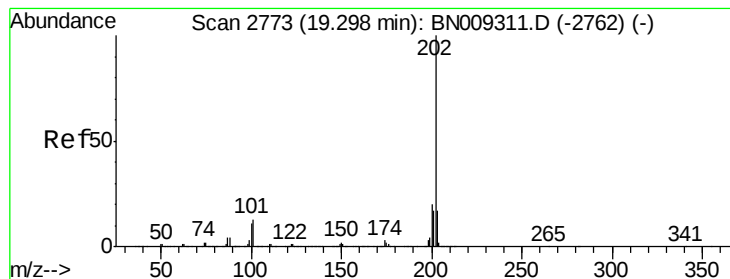
#77  
Fluoranthene  
Concen: 19.817 ng/ul  
RT: 18.93 min Scan# 2711  
Delta R.T. 0.00 min  
Lab File: BN009317.D  
Acq: 07 Jan 2020 10:35

Tgt Ion:202 Resp: 2082960  
Ion Ratio Lower Upper  
202 100  
101 11.6 9.6 14.4  
100 8.5 7.1 10.7



Abundance Ion 202.00 (201.70 to 202.70): E  
2000000 Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 19.770 ng/ul

RT: 19.30 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

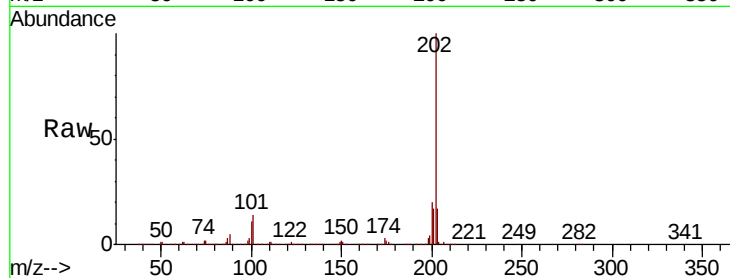
Tot Ion:202 Resp: 2155261

Ion Ratio Lower Upper

202 100

101 13.5 10.4 15.6

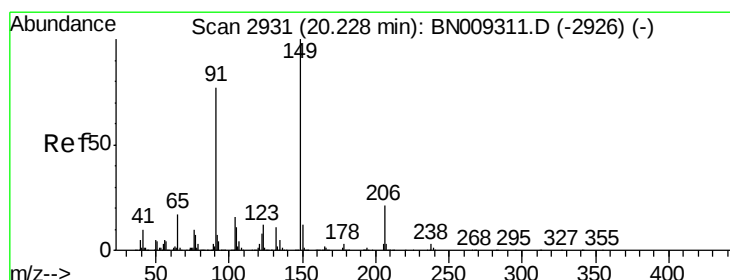
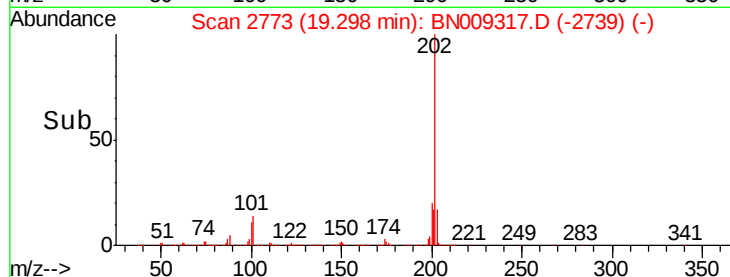
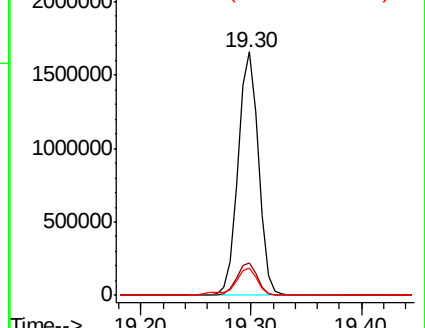
100 11.2 8.6 12.8



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



#81

Butylbenzylphthalate

Concen: 20.005 ng/ul

RT: 20.23 min Scan# 2931

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

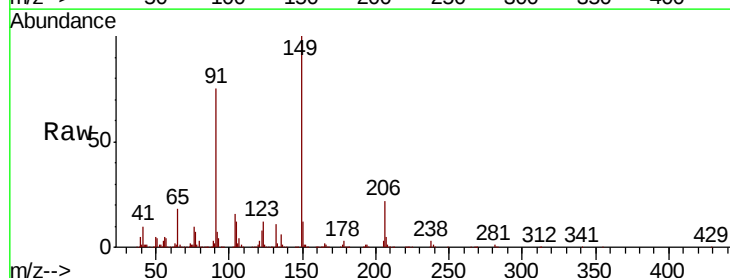
Tgt Ion:149 Resp: 914597

Ion Ratio Lower Upper

149 100

91 74.6 61.9 92.9

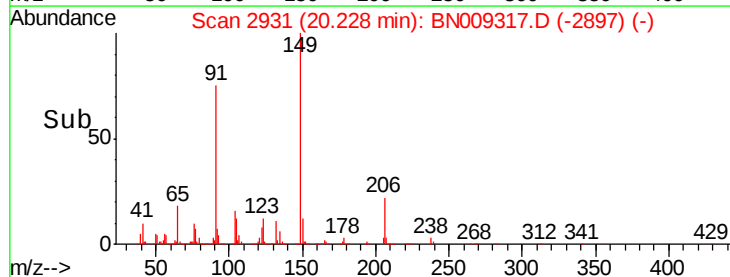
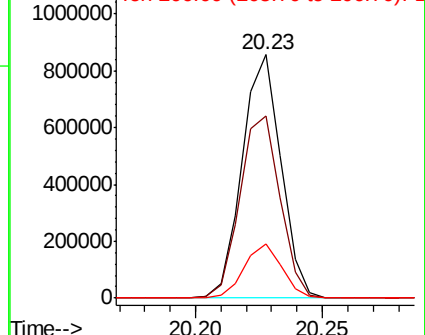
206 22.2 16.8 25.2

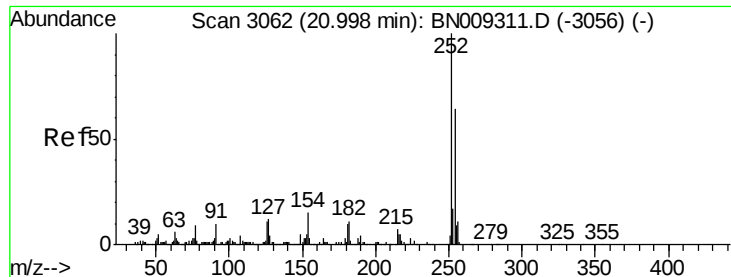


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

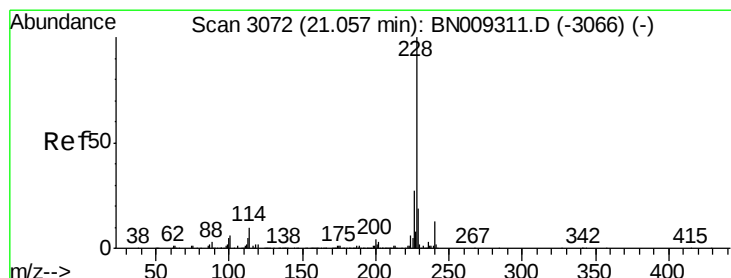
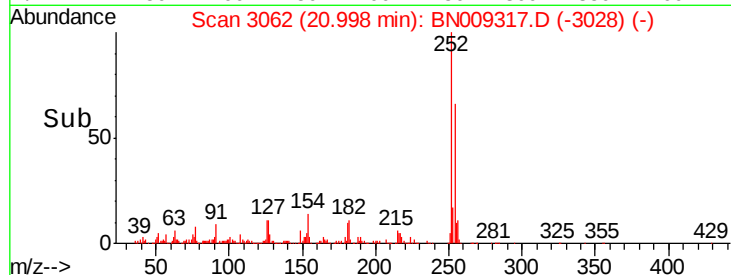
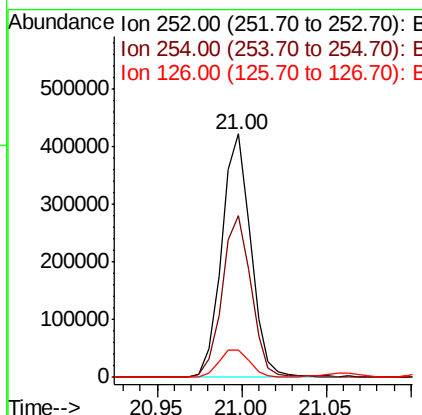
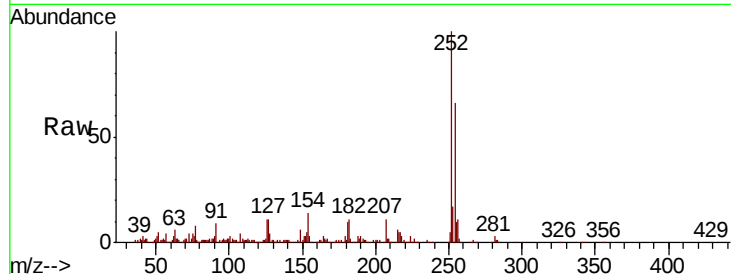




#82  
 3,3'-Dichlorobenzidine  
 Concen: 15.679 ng/ul  
 RT: 21.00 min Scan# 3062  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

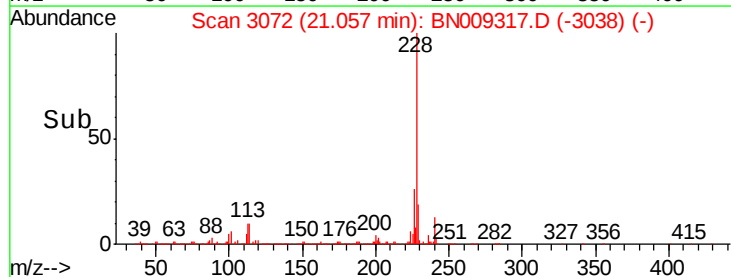
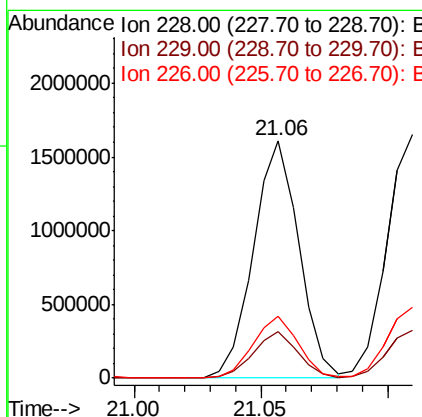
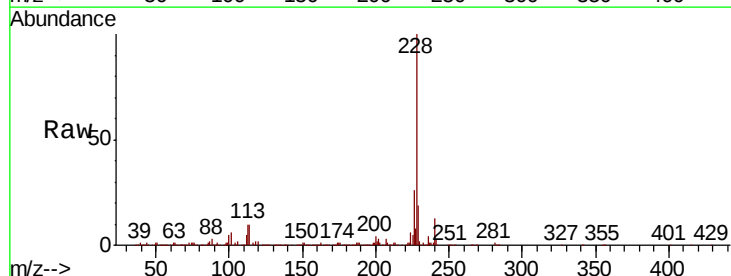
Instrument :  
 BNA\_N  
 ClientSampled :

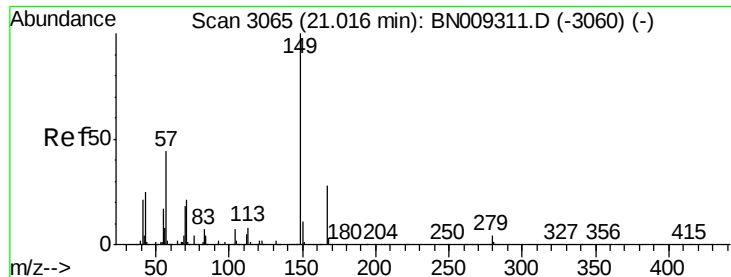
Tot Ion:252 Resp: 503171  
 Ion Ratio Lower Upper  
 252 100  
 254 66.2 51.6 77.4  
 126 11.1 9.0 13.6



#83  
 Benzo(a)anthracene  
 Concen: 19.423 ng/ul  
 RT: 21.06 min Scan# 3072  
 Delta R.T. 0.00 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Tgt Ion:228 Resp: 1998431  
 Ion Ratio Lower Upper  
 228 100  
 229 19.5 15.4 23.0  
 226 26.3 21.5 32.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.908 ng/ul

RT: 21.02 min Scan# 3065

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

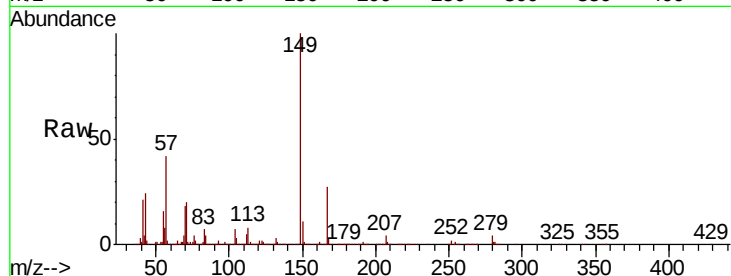
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:149 Resp: 1372877

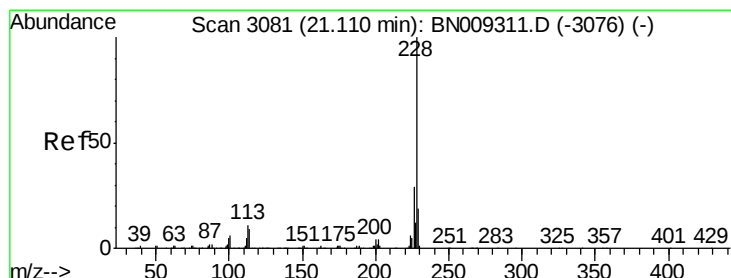
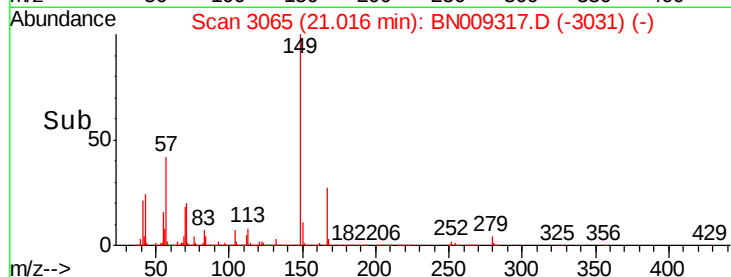
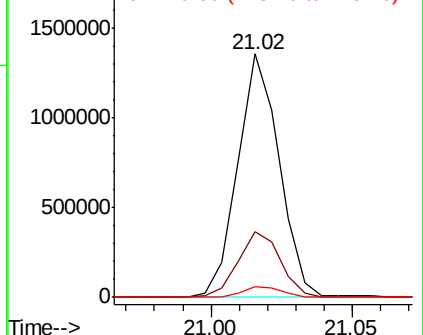
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.1  | 22.2  | 33.2  |
| 279 | 4.2   | 3.4   | 5.0   |



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



#85

Chrysene

Concen: 19.181 ng/ul

RT: 21.11 min Scan# 3081

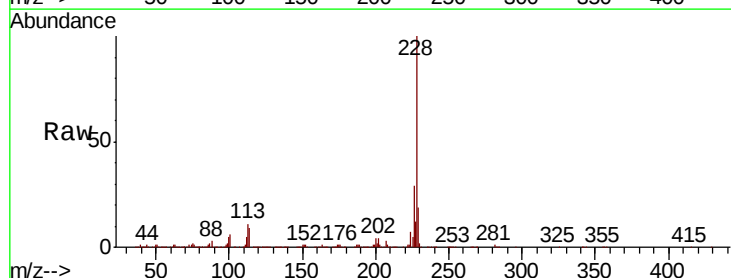
Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Tgt Ion:228 Resp: 1920375

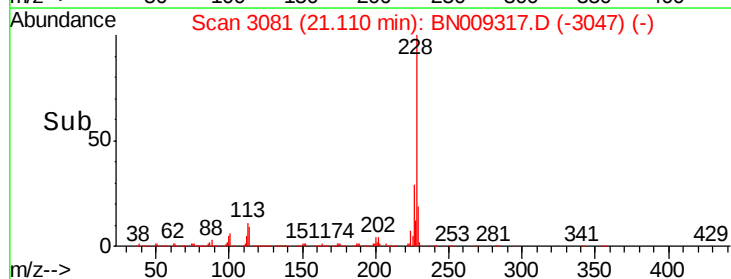
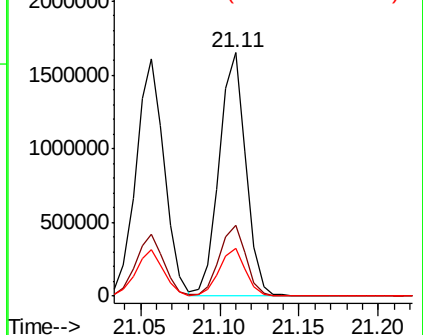
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.8  | 23.4  | 35.2  |
| 229 | 19.4  | 14.9  | 22.3  |

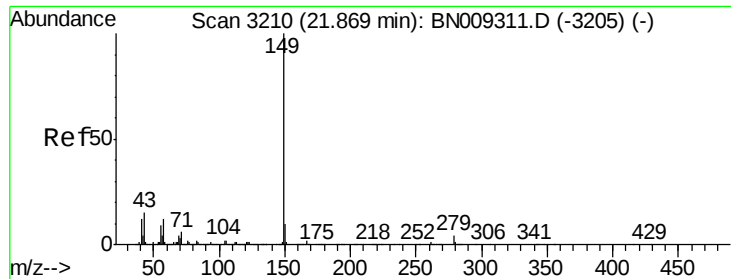


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 20.365 ng/ul

RT: 21.87 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BN009317.D

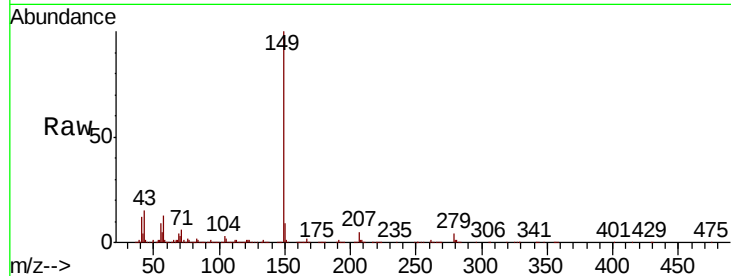
Acq: 07 Jan 2020 10:35

Instrument :

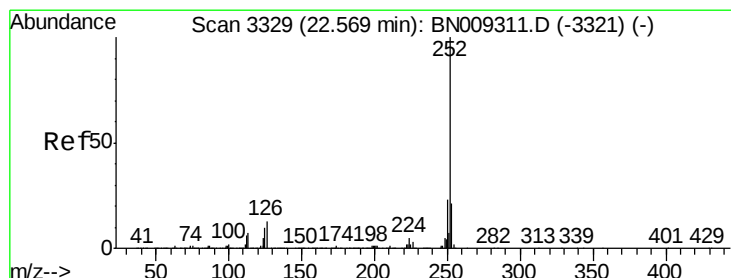
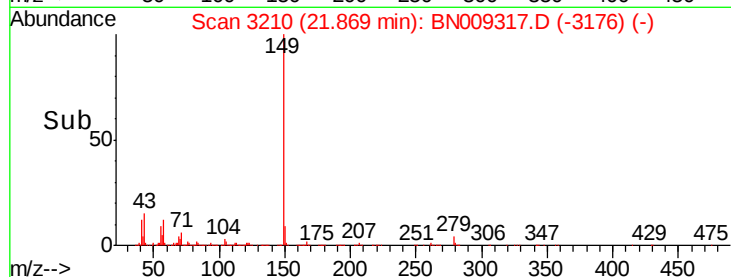
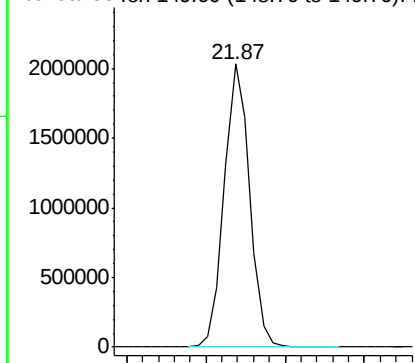
BNA\_N

ClientSampleId :

Tgt Ion:149 Resp: 2241725



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 19.746 ng/ul

RT: 22.57 min Scan# 3329

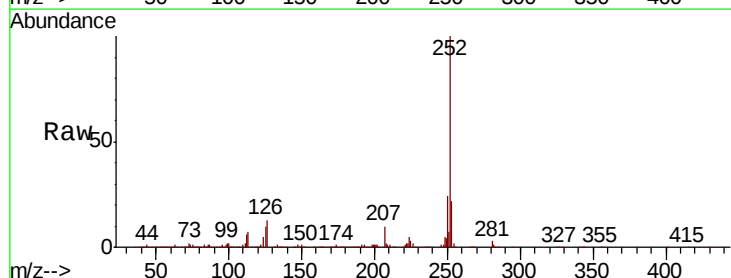
Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Tgt Ion:252 Resp: 1835975

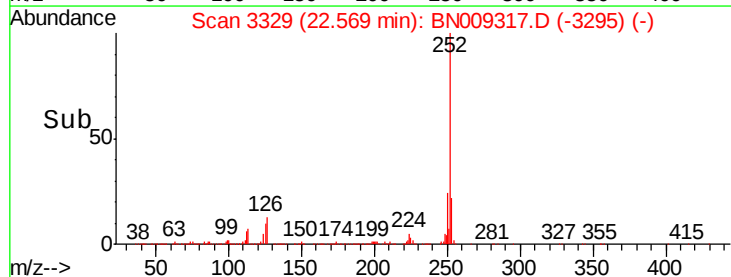
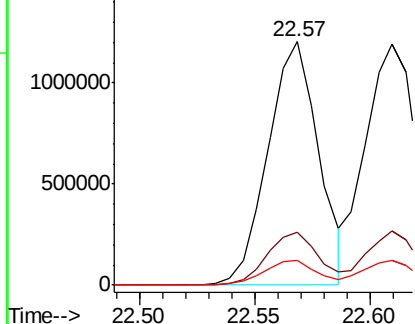
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.9  | 17.0  | 25.6  |
| 125 | 10.0  | 8.0   | 12.0  |

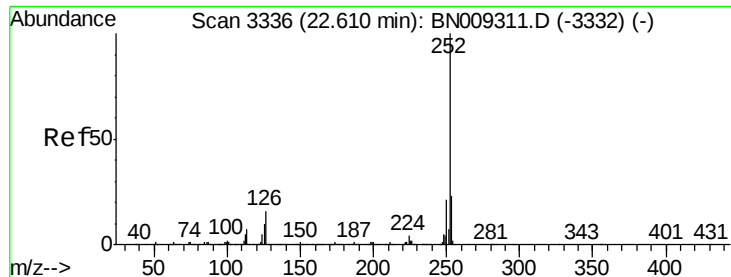


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 19.943 ng/ul

RT: 22.61 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

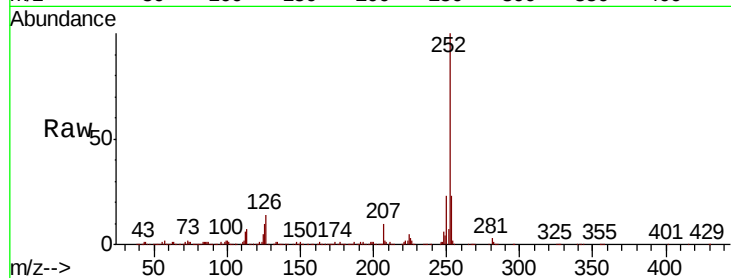
Tot Ion:252 Resp: 1831055

Ion Ratio Lower Upper

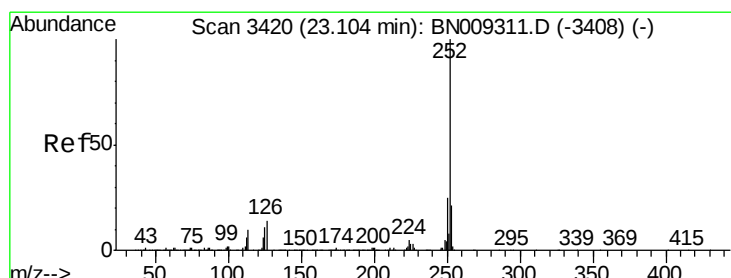
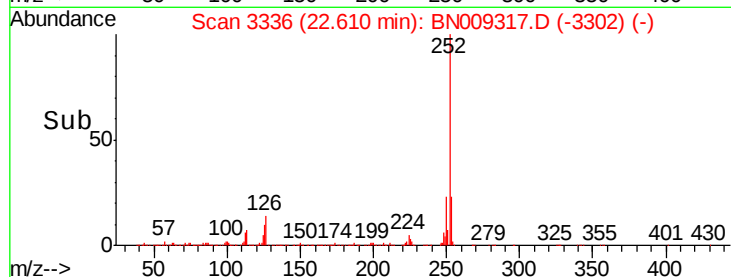
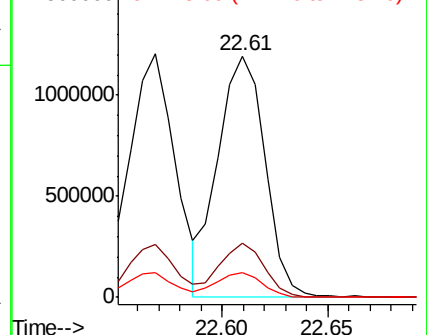
252 100

253 22.7 17.8 26.8

125 10.2 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



#91

Benzo(a)pyrene

Concen: 20.406 ng/ul

RT: 23.10 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

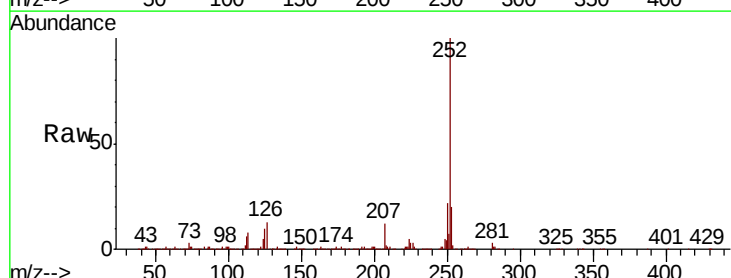
Tgt Ion:252 Resp: 1683555

Ion Ratio Lower Upper

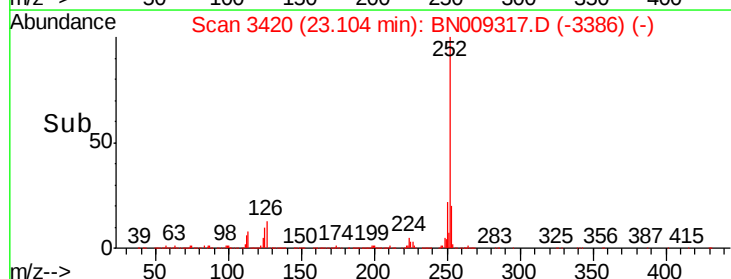
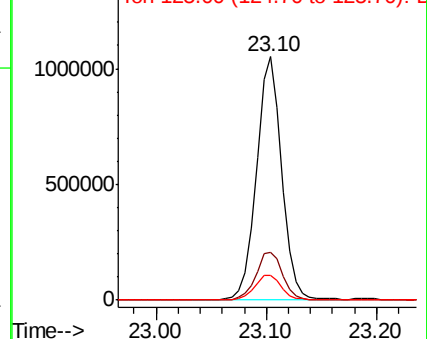
252 100

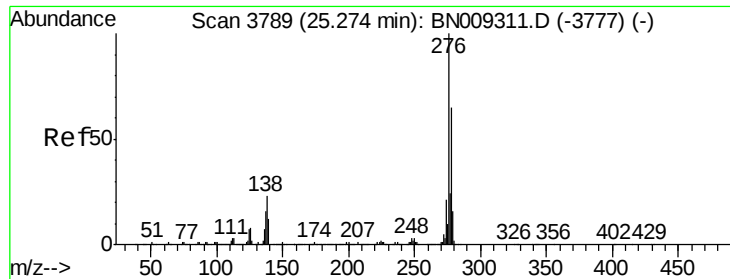
253 19.8 16.5 24.7

125 10.3 9.3 13.9



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



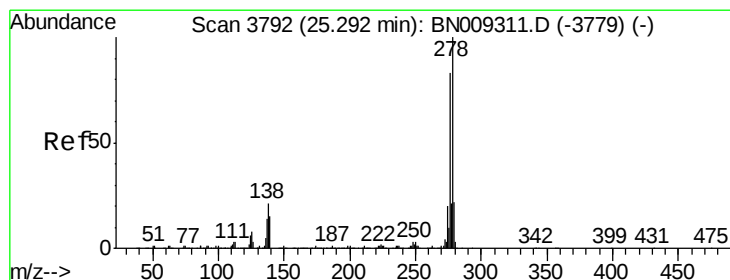
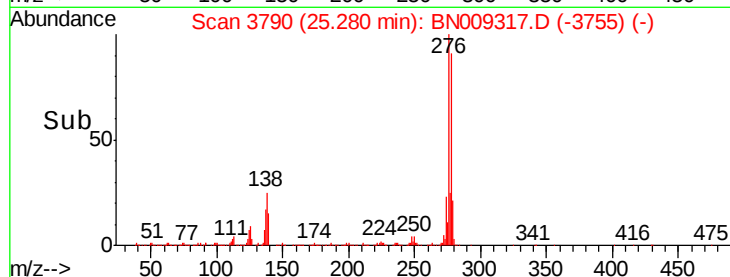
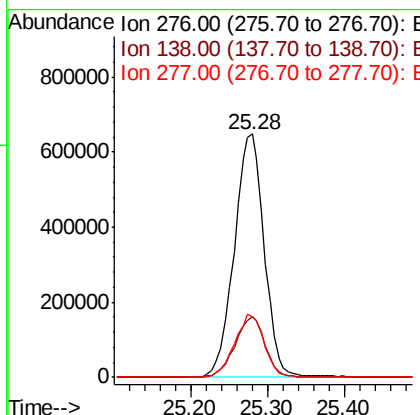
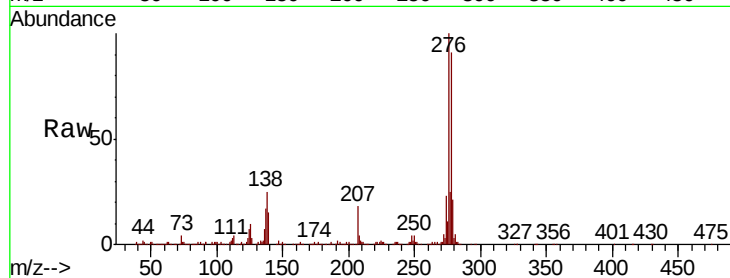


#92  
 Indeno(1,2,3-cd)pyrene  
 Concen: 19.696 ng/ul  
 RT: 25.28 min Scan# 3790  
 Delta R.T. 0.01 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:276 Resp: 1760853  

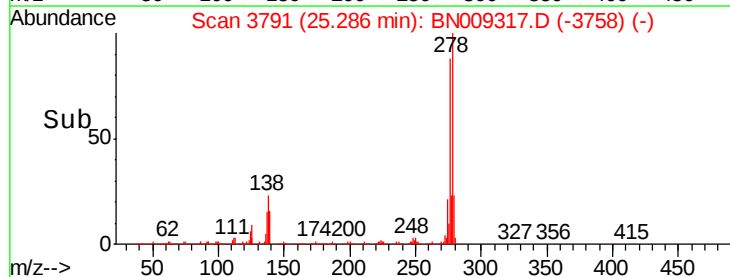
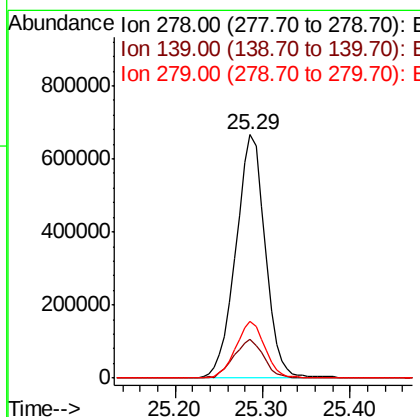
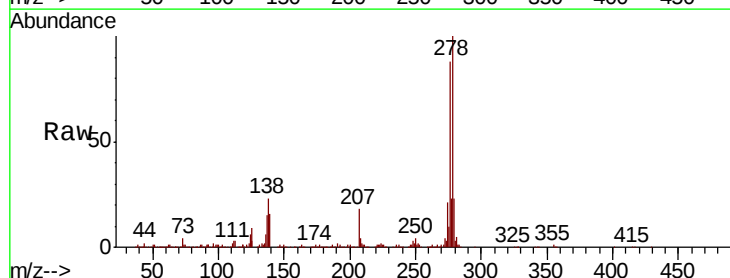
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 25.1  | 18.4  | 27.6  |
| 277 | 24.8  | 19.1  | 28.7  |

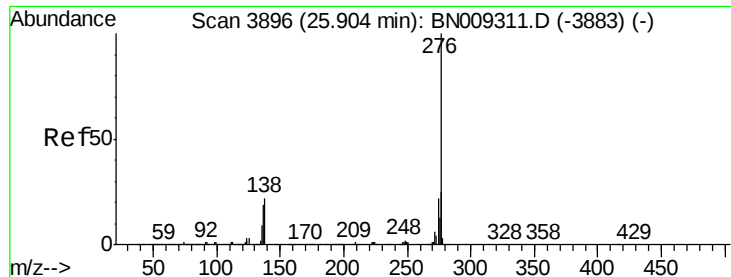


#93  
 Dibenzo(a,h)anthracene  
 Concen: 20.192 ng/ul  
 RT: 25.29 min Scan# 3791  
 Delta R.T. -0.01 min  
 Lab File: BN009317.D  
 Acq: 07 Jan 2020 10:35

Tgt Ion:278 Resp: 1516575  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.8  | 12.1  | 18.1  |
| 279 | 23.2  | 17.8  | 26.6  |





#94

Benzo(a,h,i)perylene

Concen: 20.153 ng/ul

RT: 25.90 min Scan# 3896

Delta R.T. 0.00 min

Lab File: BN009317.D

Acq: 07 Jan 2020 10:35

Instrument :

BNA\_N

ClientSampleId :

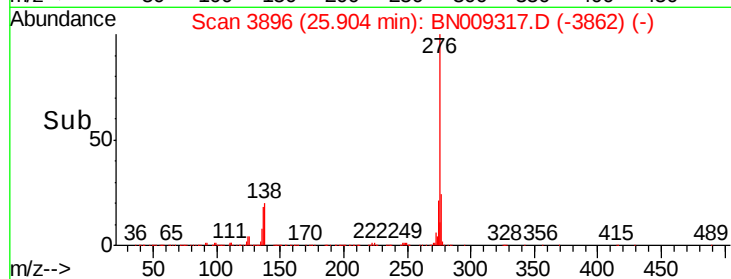
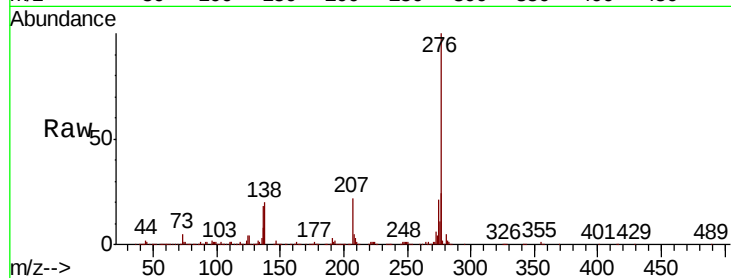
Tot Ion:276 Resp: 1451774

Ion Ratio Lower Upper

276 100

138 19.7 17.8 26.6

277 23.6 19.6 29.4



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

