

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN060319\  
 Data File : BN006034.D  
 Acq On : 03 Jun 2019 10:48  
 Operator : JU/SJ  
 Sample : SSTD00588  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD00588

Quant Time: Jun 03 14:04:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN060319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 03 13:55:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 417260   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.52 | 136  | 1819140  | 20.00 | ng/ul | 0.01     |
| 35) Acenaphthene-d10      | 14.38 | 164  | 1024527  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.14 | 188  | 2100272  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.37 | 240  | 1501562  | 20.00 | ng/ul | 0.02     |
| 85) Perylene-d12          | 23.67 | 264  | 1550155  | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 18455  | 1.95 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.90  | 99  | 161791 | 4.37 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67  | 97038  | 4.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.27  | 132 | 131101 | 4.65 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.44  | 113 | 125784 | 4.21 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.89  | 128 | 61902  | 5.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.61  | 143 | 65827  | 6.05 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.14 | 165 | 124486 | 4.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.66 | 131 | 129358 | 3.84 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.79 | 166 | 358424 | 4.75 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.08 | 160 | 461196 | 4.88 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.59 | 143 | 53480  | 3.89 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.38 | 176 | 311992 | 4.93 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 31222  | 3.65 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.24 | 188 | 447925 | 5.01 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.55 | 212 | 410344 | 5.41 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.52 | 264 | 337597 | 4.88 | ng/ul | 0.03 |

## Target Compounds

|                                |       |     |        |              | Qvalue |
|--------------------------------|-------|-----|--------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 18813  | 1.873 ng/uL# | 95     |
| 4) Benzaldehyde                | 6.88  | 77  | 113148 | 4.432 ng/ul  | 100    |
| 6) Phenol                      | 6.93  | 94  | 170172 | 4.466 ng/ul  | 100    |
| 8) Bis(2-Chloroethyl)ether     | 7.16  | 93  | 134921 | 4.585 ng/ul  | 99     |
| 10) 2-Chlorophenol             | 7.29  | 128 | 134389 | 4.692 ng/ul  | 99     |
| 11) 2-Methylphenol             | 8.17  | 108 | 124124 | 4.228 ng/ul  | 98     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.27  | 45  | 180836 | 4.614 ng/ul  | 99     |
| 14) Acetophenone               | 8.55  | 105 | 201449 | 4.475 ng/ul  | 100    |
| 15) N-Nitroso-di-n-propylamine | 8.53  | 70  | 101323 | 4.207 ng/ul  | 99     |
| 16) 4-Methylphenol             | 8.50  | 108 | 134758 | 4.181 ng/ul  | 99     |
| 17) Hexachloroethane           | 8.81  | 117 | 46419  | 4.064 ng/ul  | 99     |
| 20) Nitrobenzene               | 8.93  | 77  | 147959 | 4.964 ng/ul  | 97     |
| 21) Isophorone                 | 9.45  | 82  | 276776 | 4.266 ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.64  | 139 | 70505  | 5.539 ng/ul  | 95     |
| 24) 2,4-Dimethylphenol         | 9.70  | 107 | 151588 | 4.753 ng/ul  | 99     |
| 25) Bis(2-Chloroethoxy)methane | 9.94  | 93  | 179299 | 4.540 ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 10.17 | 162 | 121756 | 4.790 ng/ul  | 95     |
| 28) Naphthalene                | 10.57 | 128 | 433014 | 5.015 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.68 | 127 | 136898 | 4.054 ng/ul  | 97     |
| 31) Hexachlorobutadiene        | 10.85 | 225 | 75130  | 5.319 ng/ul  | 97     |
| 32) Caprolactam                | 11.42 | 113 | 38883  | 3.833 ng/ul  | 99     |
| 33) 4-Chloro-3-methylphenol    | 11.81 | 107 | 140835 | 4.595 ng/ul  | 96     |
| 34) 2-Methylnaphthalene        | 12.19 | 142 | 301767 | 4.745 ng/ul  | 100    |

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 Acq On : 03 Jun 2019 10:48  
 Operator : JU/SJ  
 Sample : SSTD00588  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

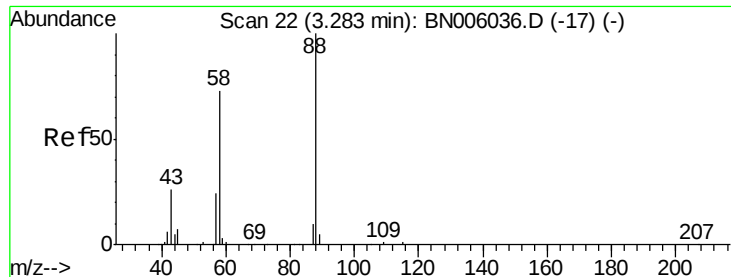
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD00588

Quant Time: Jun 03 14:04:10 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN060319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 03 13:55:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216  | 151910   | 5.552 | ng/ul  | 99       |
| 37) Hexachlorocyclopentadiene  | 12.54 | 237  | 24037    | 1.509 | ng/ul  | 97       |
| 38) 2,4,6-Trichlorophenol      | 12.81 | 196  | 94374    | 5.242 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.88 | 196  | 98868    | 5.023 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.21 | 154  | 394527   | 5.192 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.25 | 162  | 299615   | 5.206 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.46 | 65   | 81718    | 5.368 | ng/ul  | 92       |
| 44) Dimethylphthalate          | 13.84 | 163  | 357499   | 4.736 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.97 | 165  | 66563    | 5.115 | ng/ul  | 96       |
| 47) Acenaphthylene             | 14.10 | 152  | 464964   | 5.018 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.29 | 138  | 65853    | 4.661 | ng/ul  | 96       |
| 49) Acenaphthene               | 14.45 | 153  | 311387   | 4.947 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.51 | 184  | 13901    | 2.400 | ng/ul  | 96       |
| 52) 4-Nitrophenol              | 14.61 | 109  | 42444    | 3.939 | ng/ul  | 96       |
| 53) Dibenzofuran               | 14.78 | 168  | 450926   | 5.075 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 14.76 | 165  | 92834    | 4.786 | ng/ul  | 95       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.02 | 232  | 77938    | 4.817 | ng/ul  | 99       |
| 56) Diethylphthalate           | 15.21 | 149  | 345132   | 4.392 | ng/ul  | 100      |
| 58) Fluorene                   | 15.44 | 166  | 353542   | 5.066 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.44 | 204  | 173047   | 5.204 | ng/ul  | 99       |
| 60) 4-Nitroaniline             | 15.46 | 138  | 75569    | 4.417 | ng/ul  | 100      |
| 63) 4,6-Dinitro-2-methylphenol | 15.52 | 198  | 33940    | 3.605 | ng/ul# | 95       |
| 64) N-Nitrosodiphenylamine     | 15.65 | 169  | 304342   | 5.198 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.33 | 248  | 104904   | 5.378 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.45 | 284  | 110328   | 5.264 | ng/ul  | 97       |
| 67) Atrazine                   | 16.60 | 200  | 99574    | 4.807 | ng/ul  | 99       |
| 68) Pentachlorophenol          | 16.79 | 266  | 40976    | 3.323 | ng/ul  | 99       |
| 69) Phenanthrene               | 17.18 | 178  | 519724   | 4.994 | ng/ul  | 100      |
| 71) Anthracene                 | 17.27 | 178  | 527088   | 4.989 | ng/ul  | 100      |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216  | 156176   | 5.992 | ng/uL  | 97       |
| 73) Pentachlorobenzene         | 14.71 | 250  | 137948   | 5.715 | ng/uL  | 97       |
| 74) Carbazole                  | 17.55 | 167  | 459524   | 4.828 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.11 | 149  | 550804   | 4.428 | ng/ul  | 99       |
| 76) Fluoranthene               | 19.21 | 202  | 524833   | 4.724 | ng/ul  | 100      |
| 79) Pyrene                     | 19.58 | 202  | 538601   | 5.662 | ng/ul  | 100      |
| 80) Butylbenzylphthalate       | 20.49 | 149  | 225107   | 5.266 | ng/ul  | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 162003   | 5.433 | ng/ul  | 98       |
| 82) Benzo(a)anthracene         | 21.35 | 228  | 461916   | 4.894 | ng/ul  | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.28 | 149  | 337787   | 5.452 | ng/ul  | 99       |
| 84) Chrysene                   | 21.41 | 228  | 436948   | 4.963 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.19 | 149  | 537071   | 5.872 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.98 | 252  | 412690   | 4.740 | ng/ul  | 100      |
| 88) Benzo(k)fluoranthene       | 23.02 | 252  | 421392   | 5.264 | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 23.57 | 252  | 403266   | 4.911 | ng/ul  | 98       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.97 | 276  | 462035   | 4.796 | ng/ul  | 99       |
| 92) Dibenzo(a,h)anthracene     | 25.99 | 278  | 390837   | 4.872 | ng/ul  | 99       |
| 93) Benzo(g,h,i)perylene       | 26.68 | 276  | 378537   | 4.665 | ng/ul  | 98       |

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

```
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Data File : BN006034.D  
Acq On    : 03 Jun 2019 10:48  
Operator  : JU/SJ  
Sample    : SSTD00588  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```



#2

1,4-Dioxane

Concen: 1.873 ng/uL

RT: 3.29 min Scan# 23

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

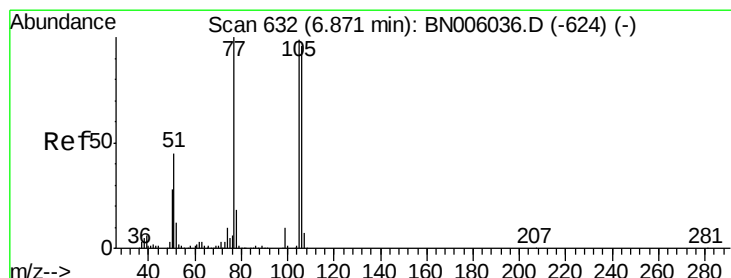
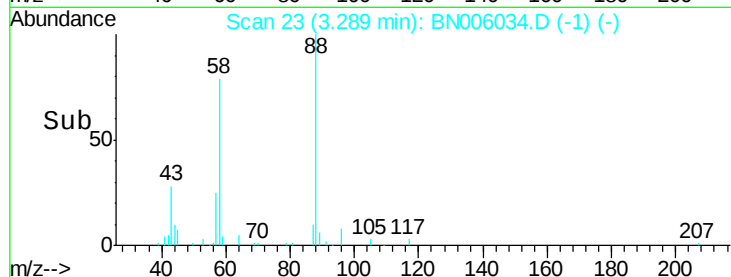
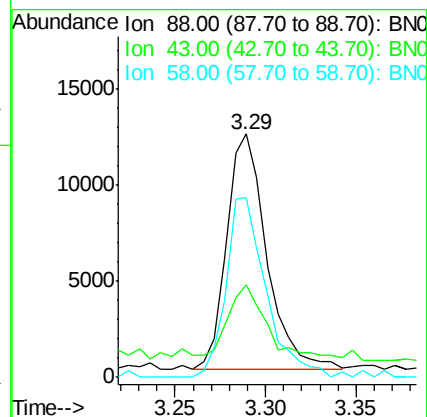
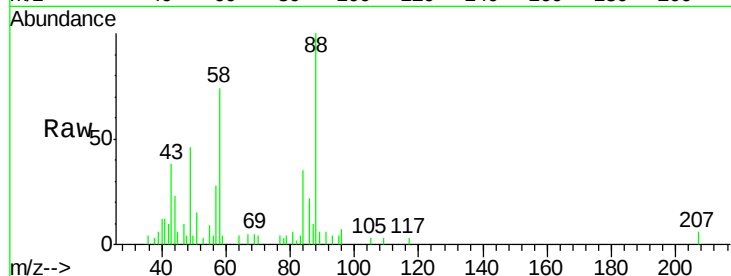
Tgt Ion: 88 Resp: 18813

Ion Ratio Lower Upper

88 100

43 37.9 23.3 34.9#

58 74.0 59.0 88.4



#4

Benzaldehyde

Concen: 4.432 ng/uL

RT: 6.88 min Scan# 633

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

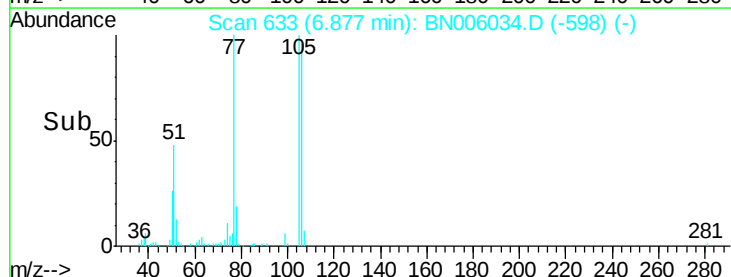
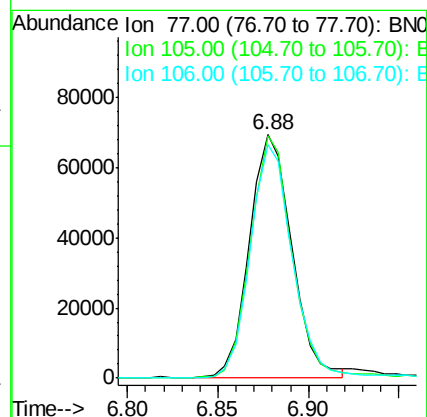
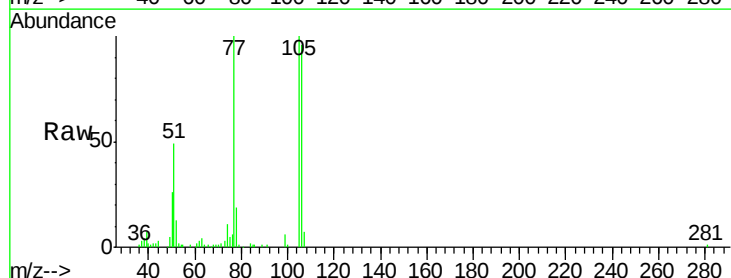
Tgt Ion: 77 Resp: 113148

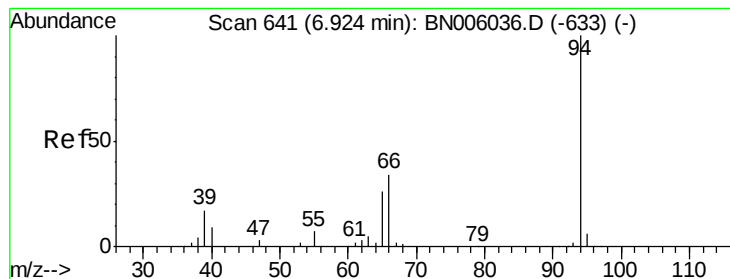
Ion Ratio Lower Upper

77 100

105 99.7 79.4 119.2

106 95.9 76.7 115.1





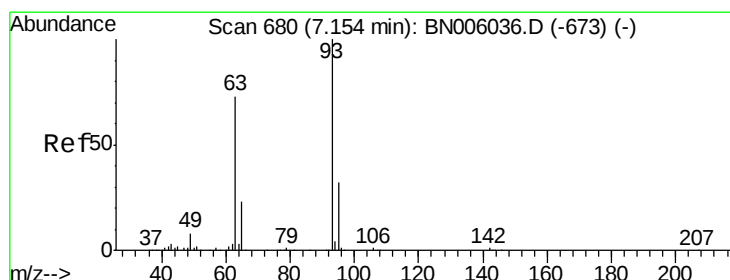
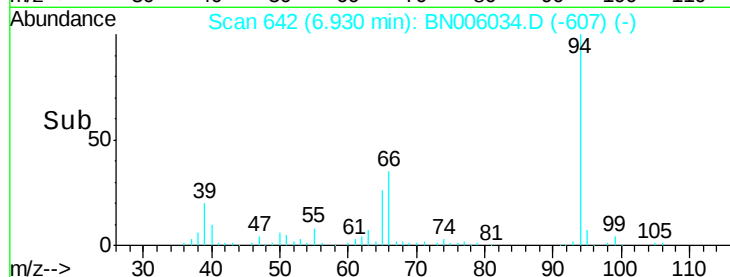
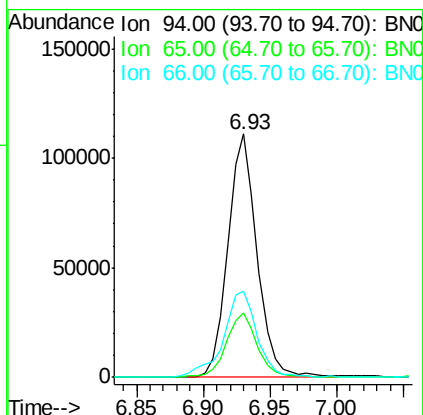
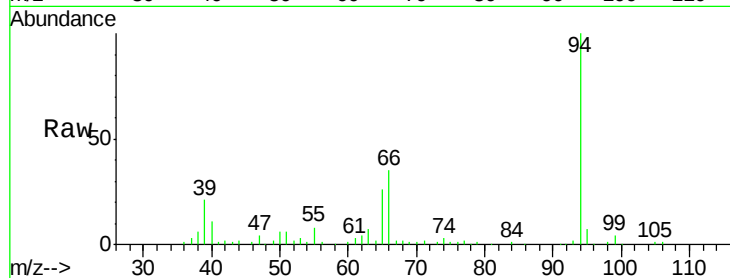
#6

Phenol

Concen: 4.466 ng/ul  
 RT: 6.93 min Scan# 642  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

Instrument :  
 BNA\_N  
 ClientSampled :  
 SST00588

Tgt Ion: 94 Resp: 170172  
 Ion Ratio Lower Upper  
 94 100  
 65 26.4 21.1 31.7  
 66 35.2 28.2 42.2

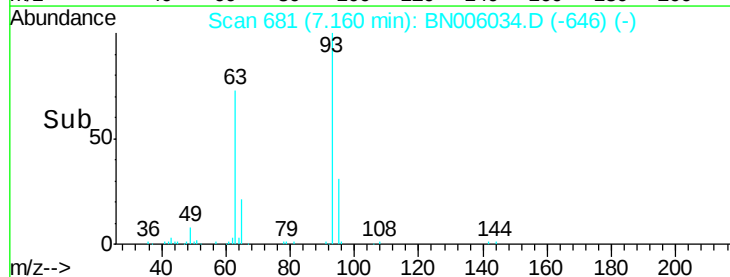
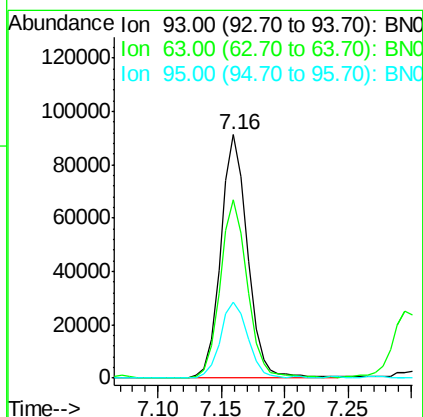
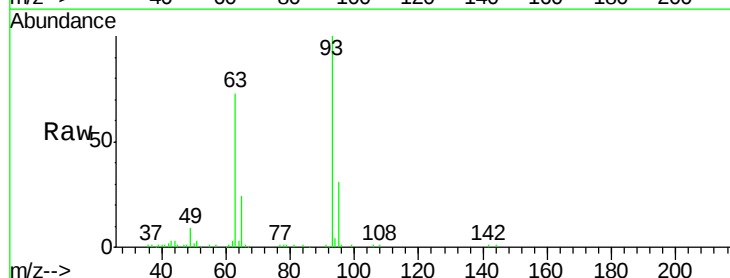


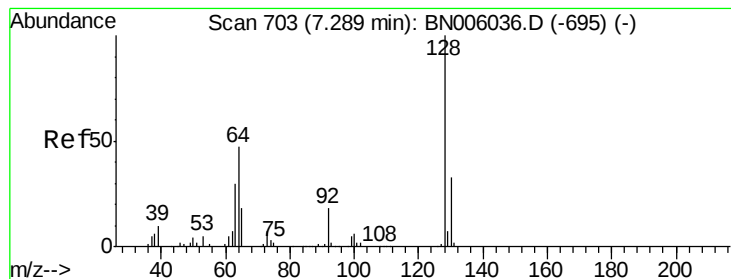
#8

Bis(2-Chloroethyl)ether

Concen: 4.585 ng/ul  
 RT: 7.16 min Scan# 681  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

Tgt Ion: 93 Resp: 134921  
 Ion Ratio Lower Upper  
 93 100  
 63 73.5 58.5 87.7  
 95 31.3 25.7 38.5





#10

2-Chlorophenol

Concen: 4.692 ng/ul

RT: 7.29 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

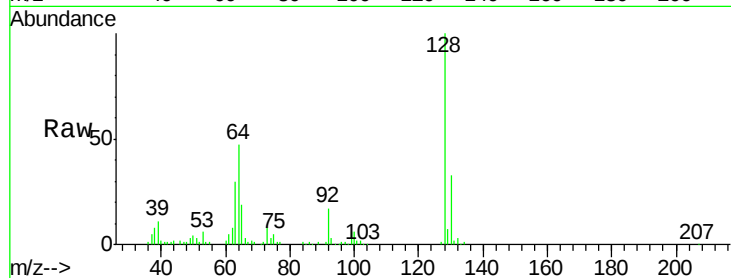
Tgt Ion:128 Resp: 134389

Ion Ratio Lower Upper

128 100

64 46.8 38.7 58.1

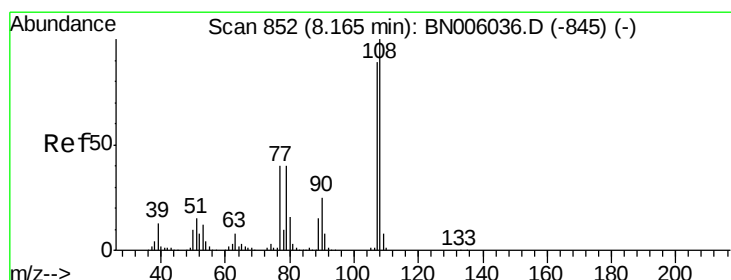
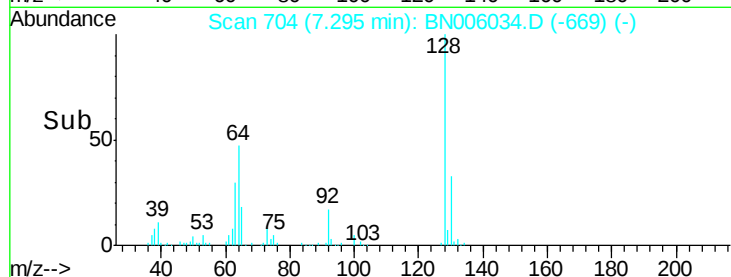
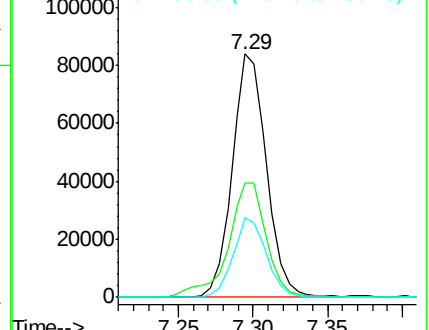
130 32.5 26.0 39.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 4.228 ng/ul

RT: 8.17 min Scan# 853

Delta R.T. 0.01 min

Lab File: BN006034.D

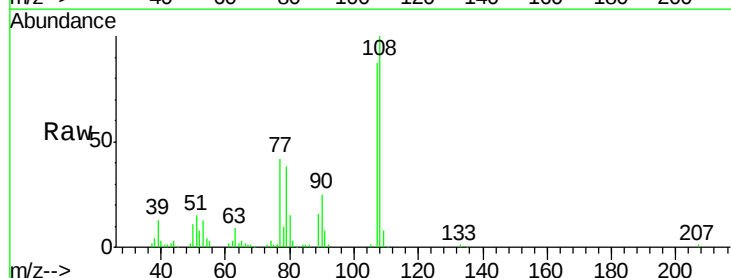
Acq: 03 Jun 2019 10:48

Tgt Ion:108 Resp: 124124

Ion Ratio Lower Upper

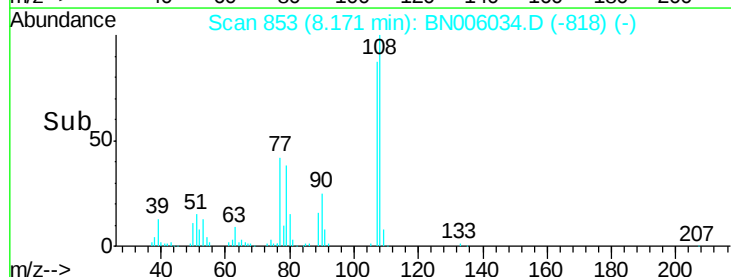
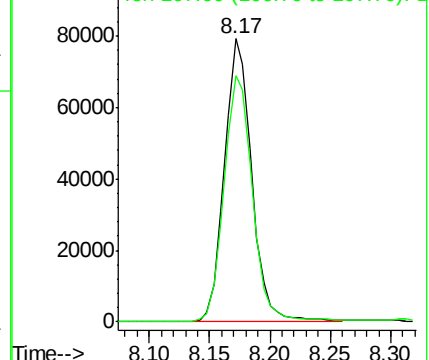
108 100

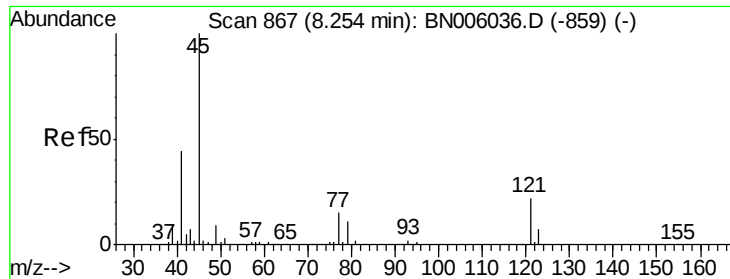
107 87.2 71.5 107.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

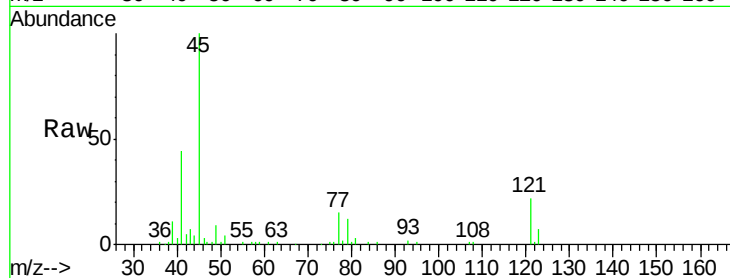




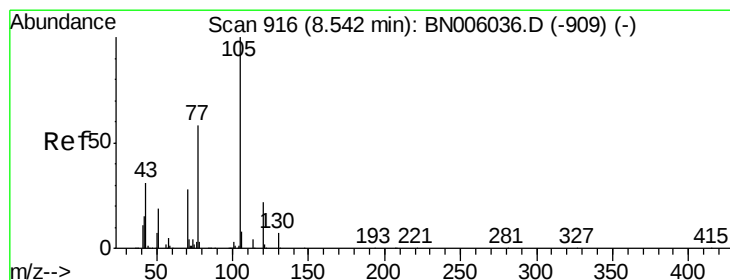
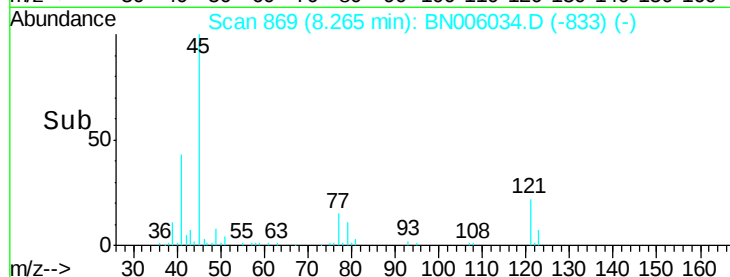
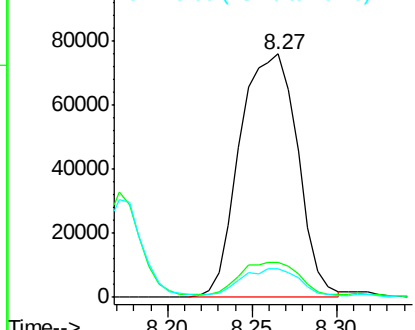
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2,2'-oxybis(1-Chloropropane)  
Concen: 4.614 ng/ul  
RT: 8.27 min Scan# 869  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD00588

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.5  | 12.2  | 18.4  |
| 79      | 11.8  | 9.3   | 13.9  |

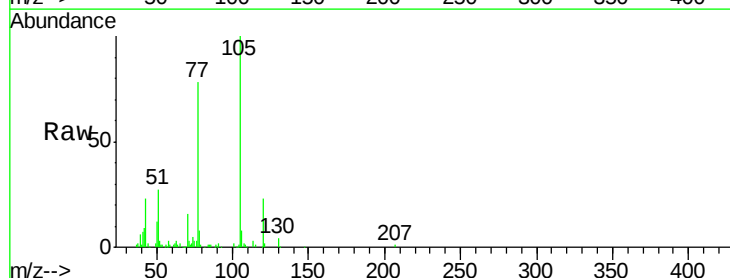


Abundance Ion 45.00 (44.70 to 45.70): BN0  
Ion 77.00 (76.70 to 77.70): BN0  
Ion 79.00 (78.70 to 79.70): BN0

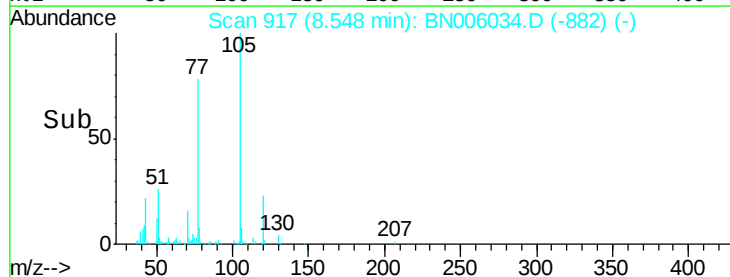
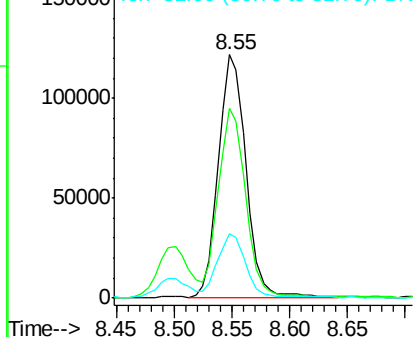


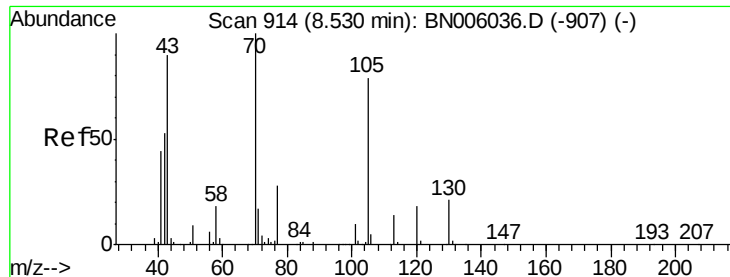
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Acetophenone  
Concen: 4.475 ng/ul  
RT: 8.55 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 78.2  | 62.6  | 93.8  |
| 51      | 26.6  | 21.2  | 31.8  |



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

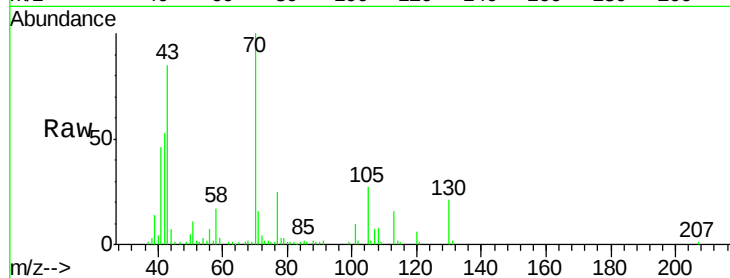




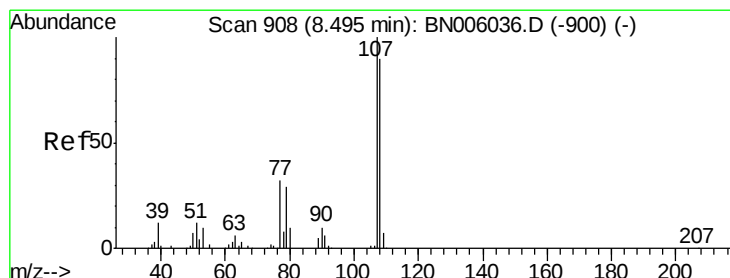
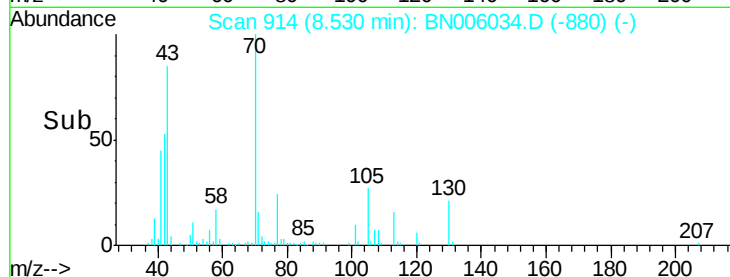
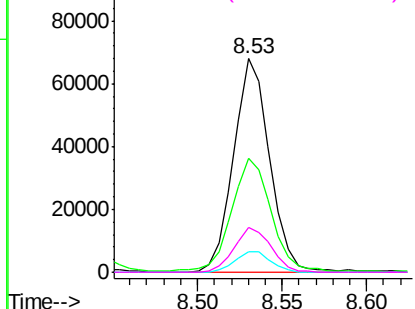
#15  
N-Nitroso-di-n-propylamine  
Concen: 4.207 ng/ul  
RT: 8.53 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD00588

Tgt Ion: 70 Resp: 101323  
Ion Ratio Lower Upper  
70 100  
42 53.1 43.3 64.9  
101 9.6 7.8 11.8  
130 21.3 16.9 25.3

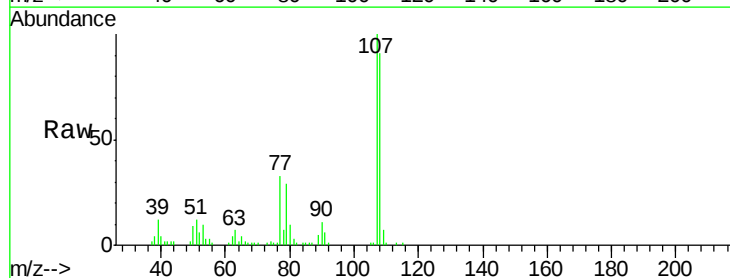


Abundance Ion 70.00 (69.70 to 70.70): BN0  
Ion 42.00 (41.70 to 42.70): BN0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

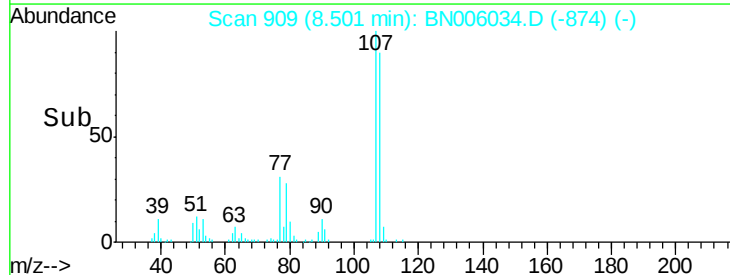
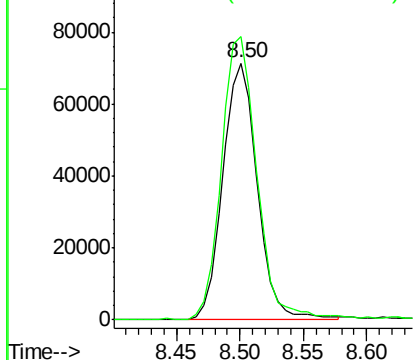


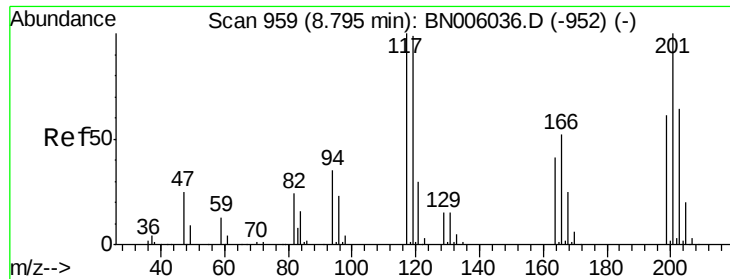
#16  
4-Methylphenol  
Concen: 4.181 ng/ul  
RT: 8.50 min Scan# 909  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Tgt Ion: 108 Resp: 134758  
Ion Ratio Lower Upper  
108 100  
107 110.2 89.2 133.8



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

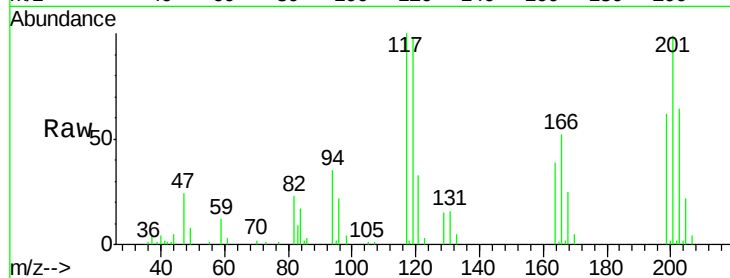




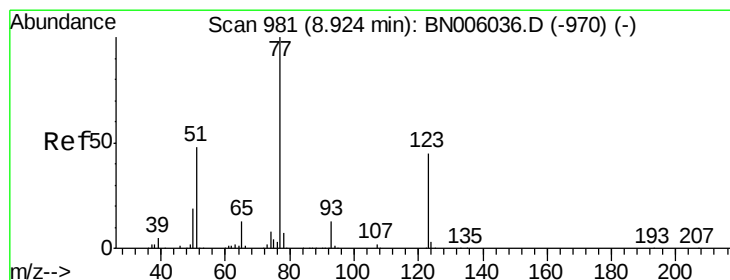
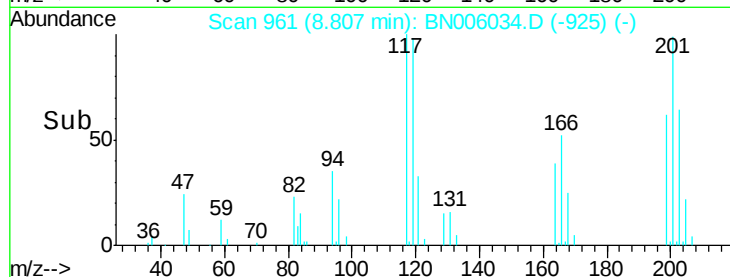
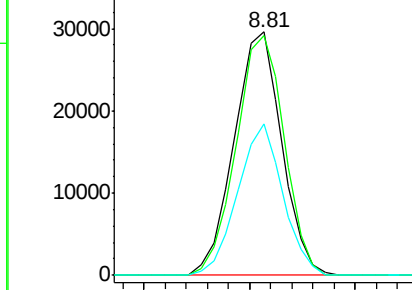
#17  
Hexachloroethane  
Concen: 4.064 ng/ul  
RT: 8.81 min Scan# 961  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD00588

Tgt Ion:117 Resp: 46419  
Ion Ratio Lower Upper  
117 100  
201 98.7 80.0 120.0  
199 62.0 48.7 73.1

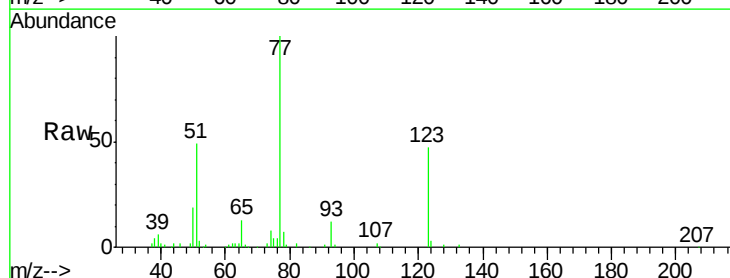


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

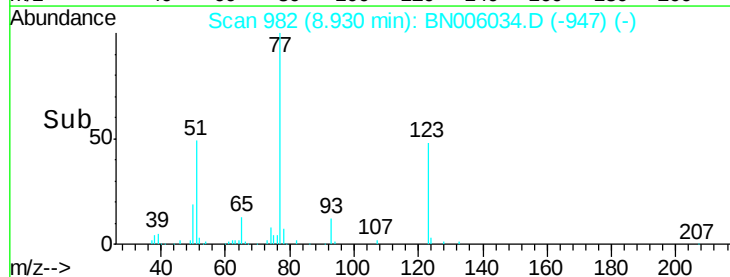
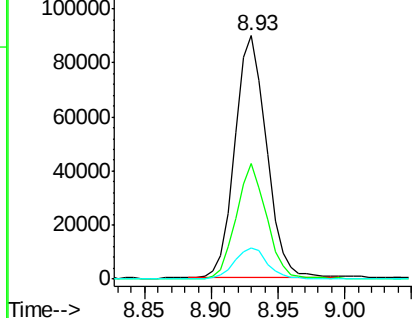


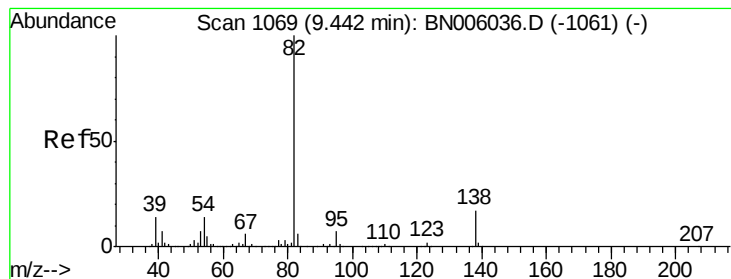
#20  
Nitrobenzene  
Concen: 4.964 ng/ul  
RT: 8.93 min Scan# 982  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Tgt Ion: 77 Resp: 147959  
Ion Ratio Lower Upper  
77 100  
123 47.3 35.8 53.8  
65 13.0 10.7 16.1



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: 4.266 ng/ul

RT: 9.45 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

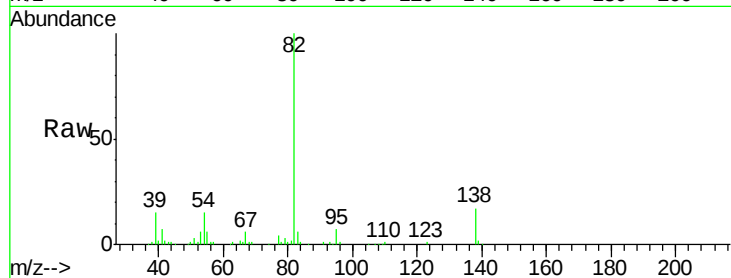
Tgt Ion: 82 Resp: 276776

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

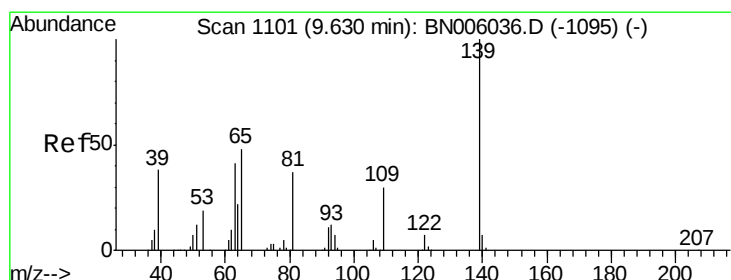
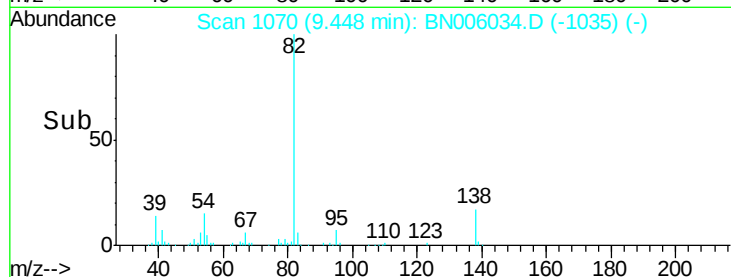
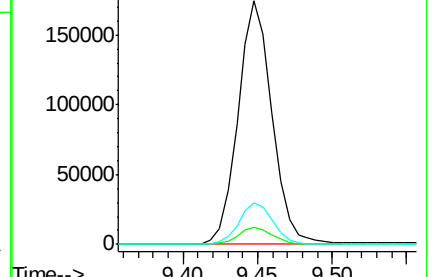
138 16.9 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BN006034.D (-1061) (-)

Ion 95.00 (94.70 to 95.70): BN006034.D (-1061) (-)

Ion 138.00 (137.70 to 138.70): BN006034.D (-1061) (-)



#23

2-Nitrophenol

Concen: 5.539 ng/ul

RT: 9.64 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

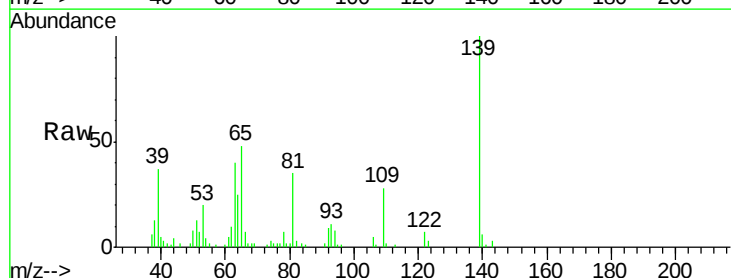
Tgt Ion: 139 Resp: 70505

Ion Ratio Lower Upper

139 100

65 47.9 40.9 61.3

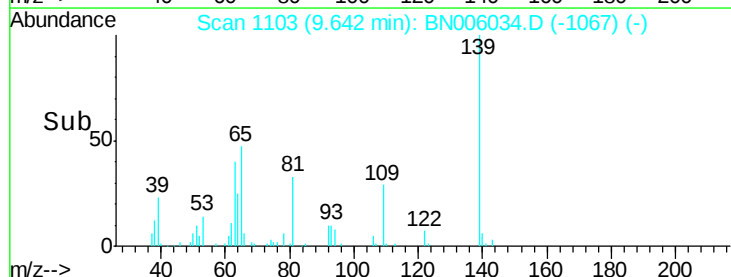
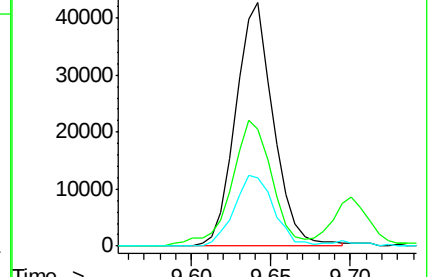
109 28.0 24.6 36.8

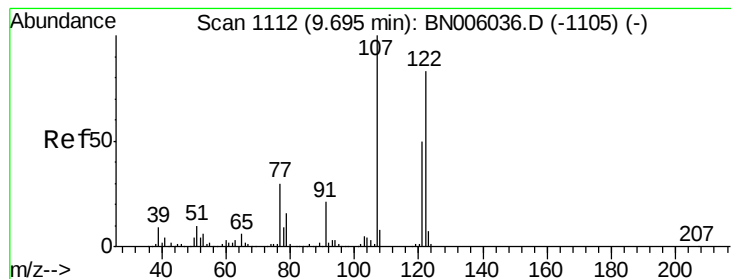


Abundance Ion 139.00 (138.70 to 139.70): BN006034.D (-1061) (-)

Ion 65.00 (64.70 to 65.70): BN006034.D (-1061) (-)

Ion 109.00 (108.70 to 109.70): BN006034.D (-1061) (-)





#24

2,4-Dimethylphenol

Concen: 4.753 ng/ul

RT: 9.70 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

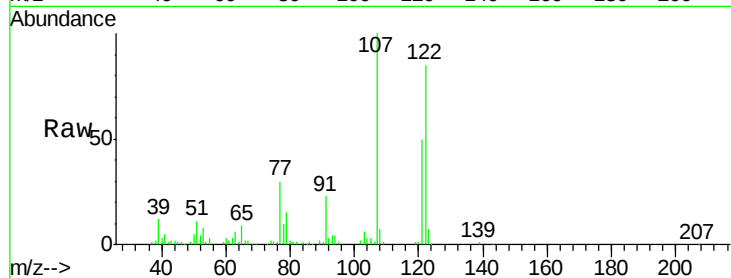
Tgt Ion: 107 Resp: 151588

Ion Ratio Lower Upper

107 100

121 49.7 40.0 60.0

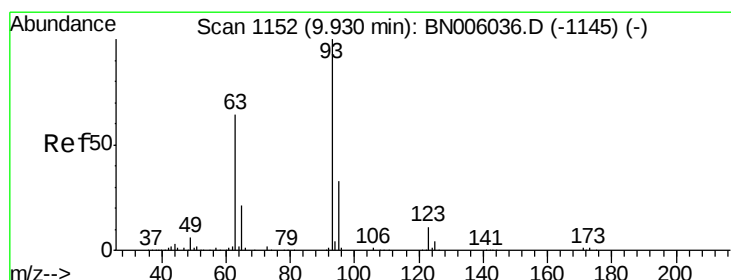
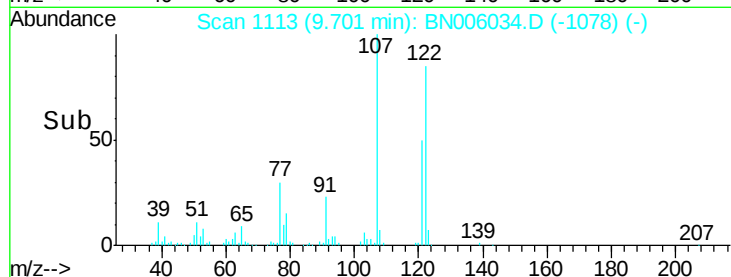
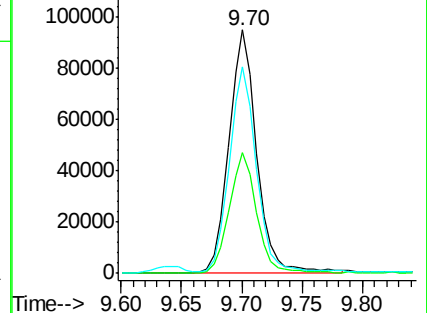
122 84.9 66.7 100.1



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: 4.540 ng/ul

RT: 9.94 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

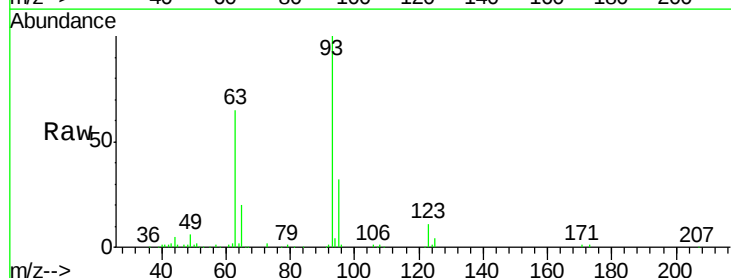
Tgt Ion: 93 Resp: 179299

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

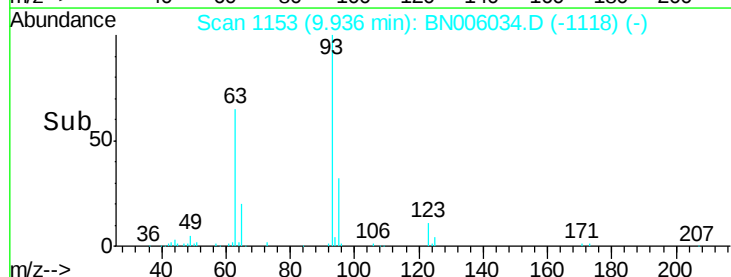
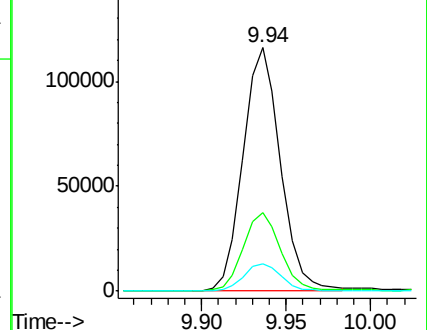
123 11.0 9.1 13.7

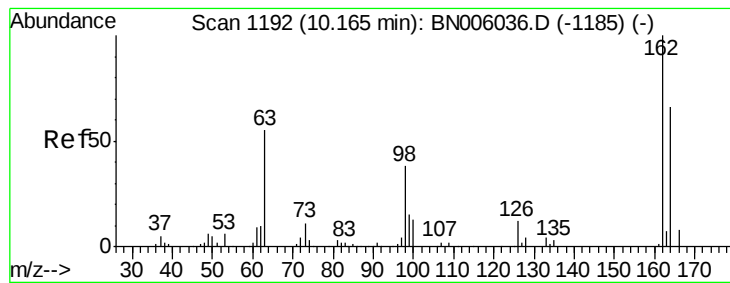


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 4.790 ng/ul

RT: 10.17 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

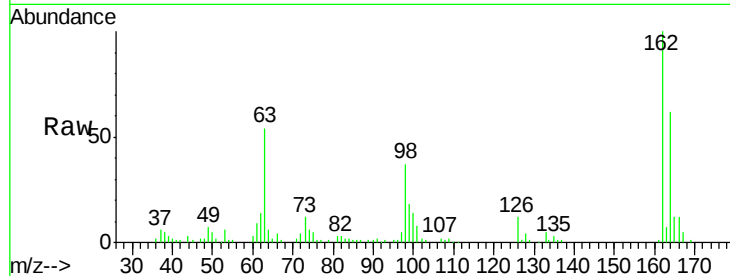
Tgt Ion:162 Resp: 121756

Ion Ratio Lower Upper

162 100

164 62.2 53.9 80.9

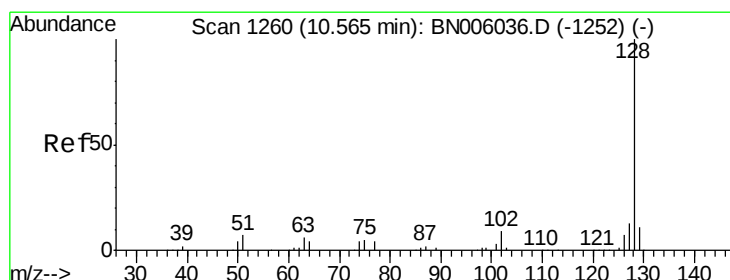
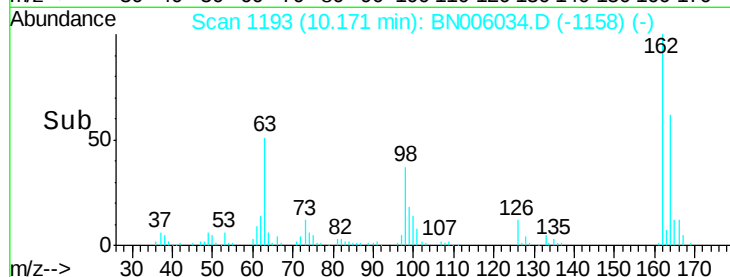
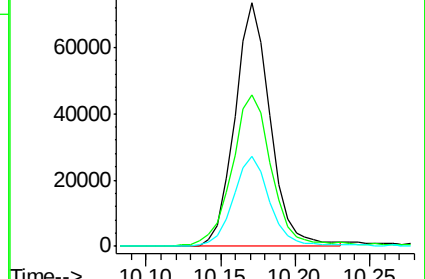
98 37.2 30.7 46.1



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: 5.015 ng/ul

RT: 10.57 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

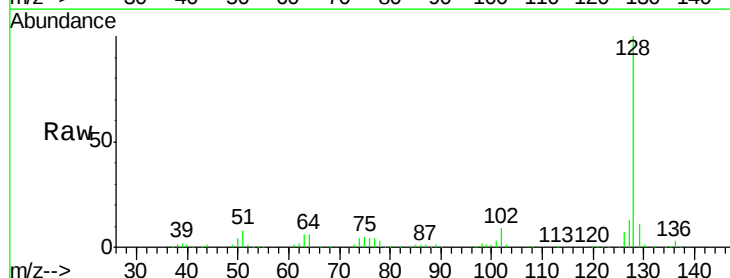
Tgt Ion:128 Resp: 433014

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

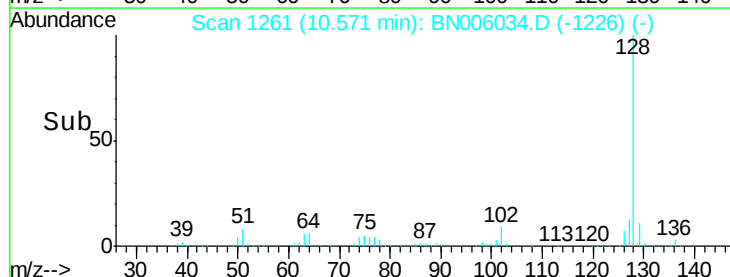
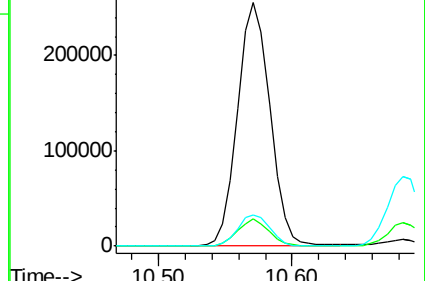
127 13.0 10.6 16.0

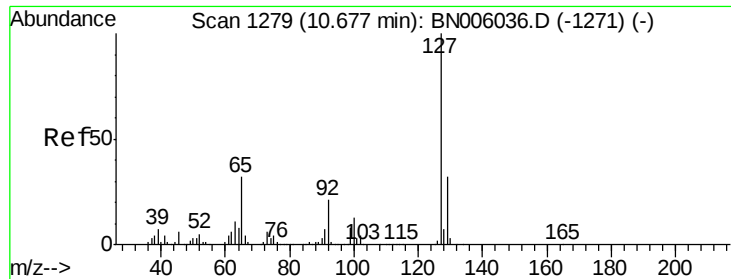


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

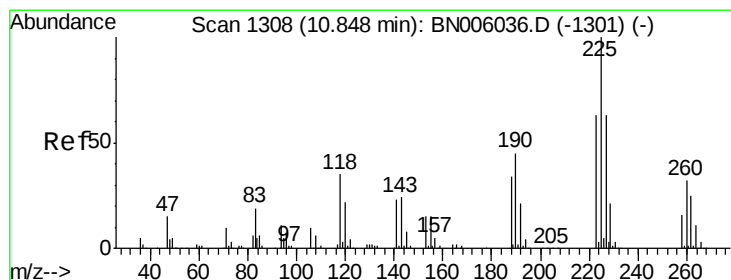
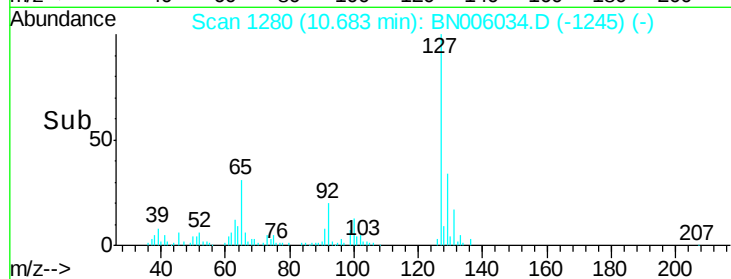
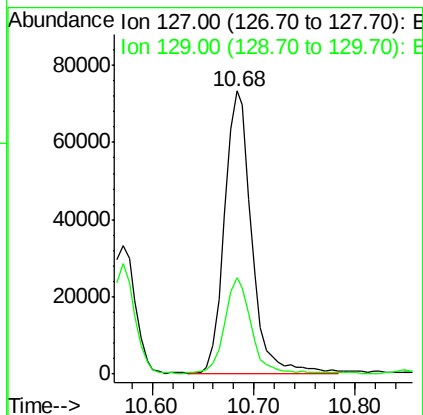
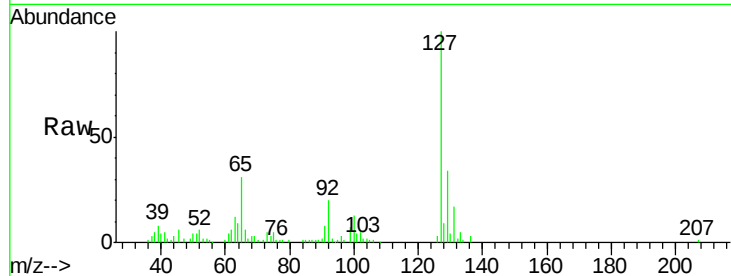




#30  
4-Chloroaniline  
Concen: 4.054 ng/ul  
RT: 10.68 min Scan# 1280  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

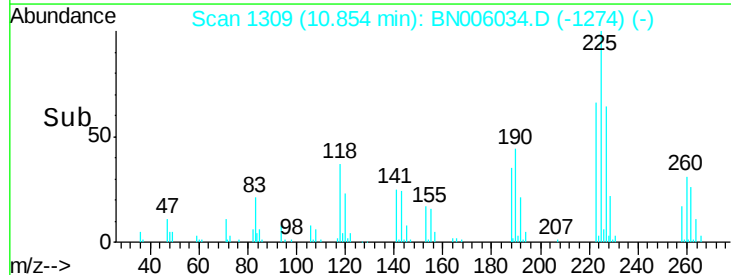
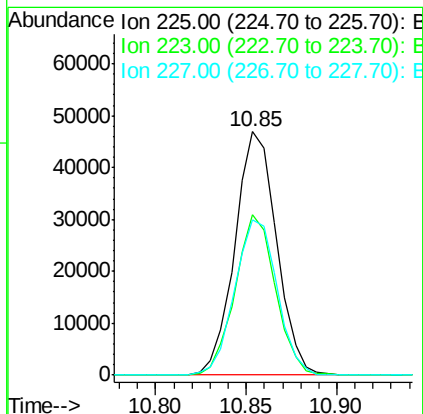
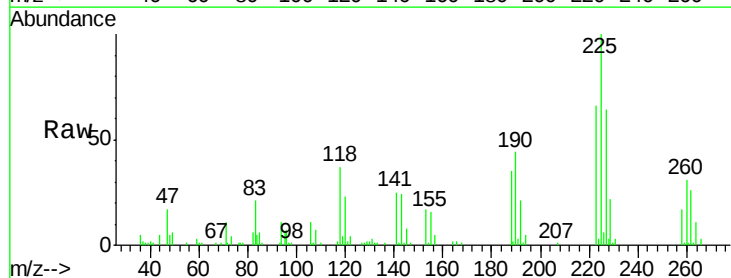
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD00588

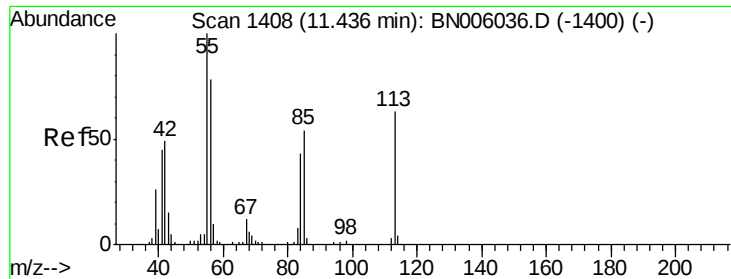
Tgt Ion:127 Resp: 136898  
Ion Ratio Lower Upper  
127 100  
129 34.0 25.8 38.8



#31  
Hexachlorobutadiene  
Concen: 5.319 ng/ul  
RT: 10.85 min Scan# 1309  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Tgt Ion:225 Resp: 75130  
Ion Ratio Lower Upper  
225 100  
223 65.7 50.1 75.1  
227 63.5 50.0 75.0





#32

Caprolactam

Concen: 3.833 ng/ul

RT: 11.42 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

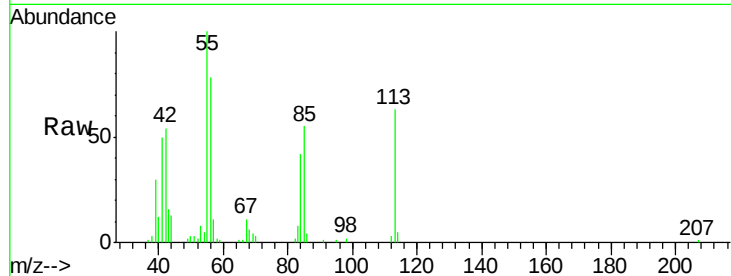
Tgt Ion:113 Resp: 38883

Ion Ratio Lower Upper

113 100

55 158.0 127.4 191.0

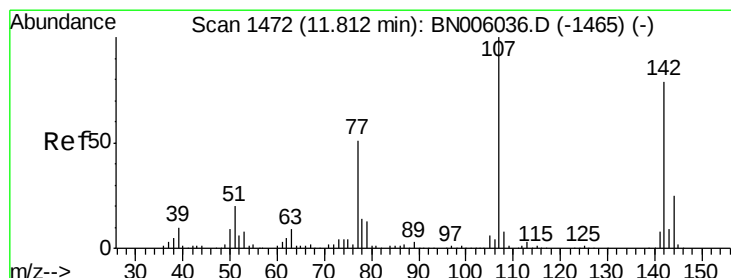
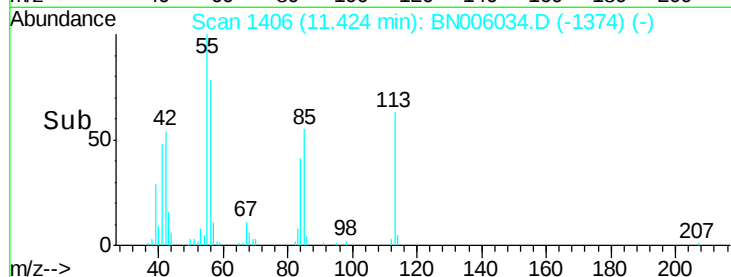
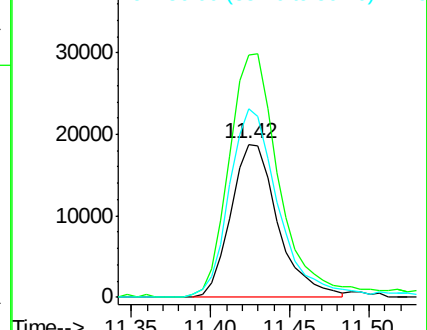
56 123.2 98.9 148.3



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: 4.595 ng/ul

RT: 11.81 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

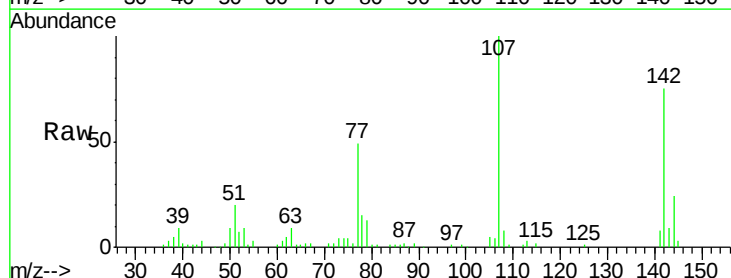
Tgt Ion:107 Resp: 140835

Ion Ratio Lower Upper

107 100

144 23.9 20.0 30.0

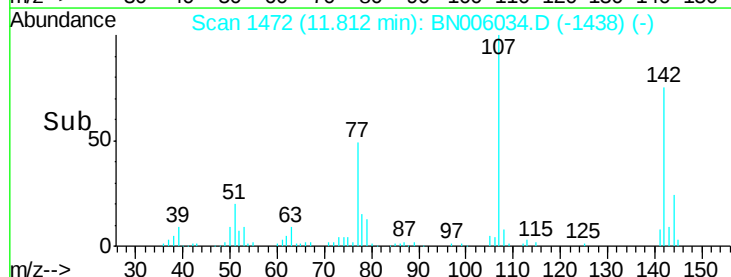
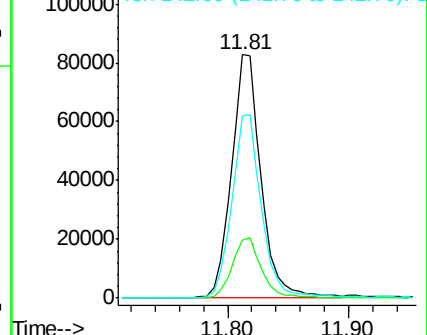
142 75.0 63.1 94.7

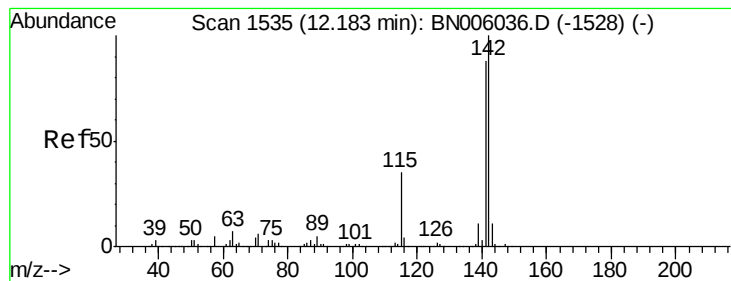


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 4.745 ng/ul

RT: 12.19 min Scan# 1536

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

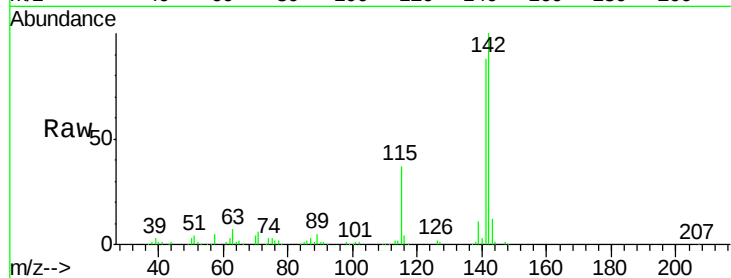
SSTD00588

Tgt Ion:142 Resp: 301767

Ion Ratio Lower Upper

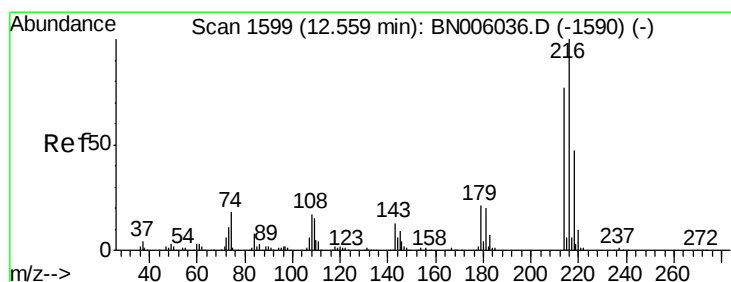
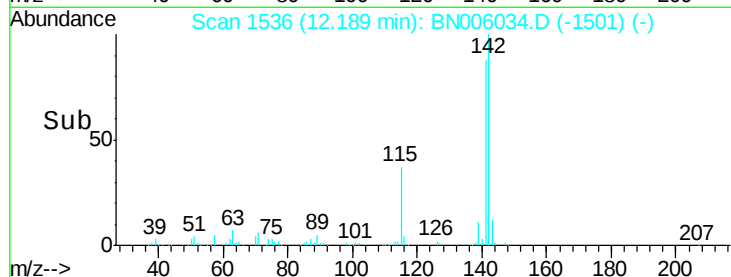
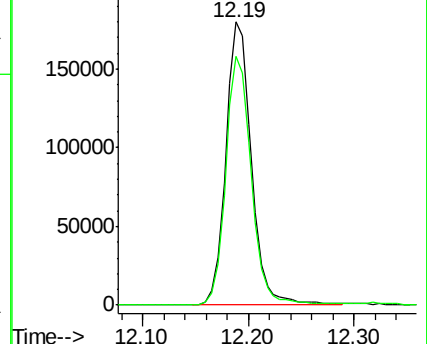
142 100

141 88.1 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 5.552 ng/ul

RT: 12.57 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Tgt Ion:216 Resp: 151910

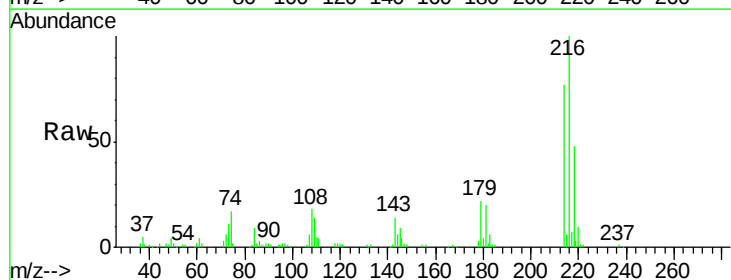
Ion Ratio Lower Upper

216 100

214 77.5 61.8 92.8

179 22.0 16.6 24.8

108 17.7 13.8 20.6

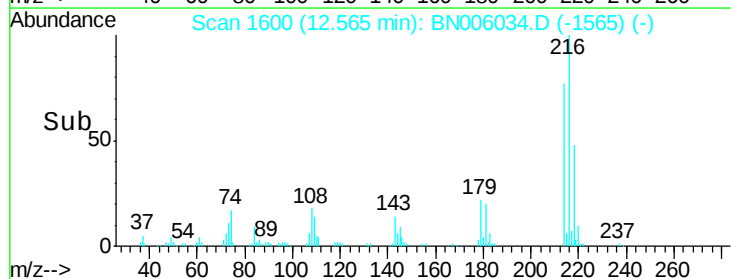
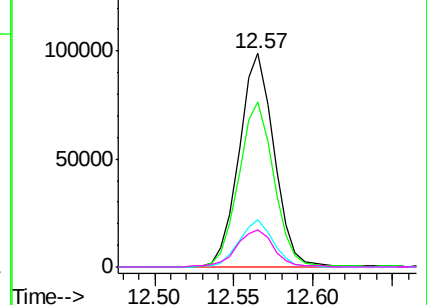


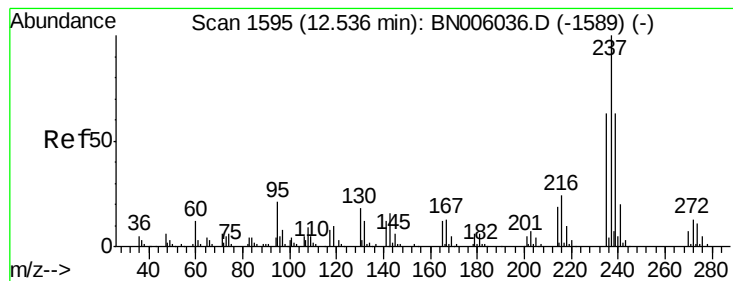
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 1.509 ng/ul

RT: 12.54 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

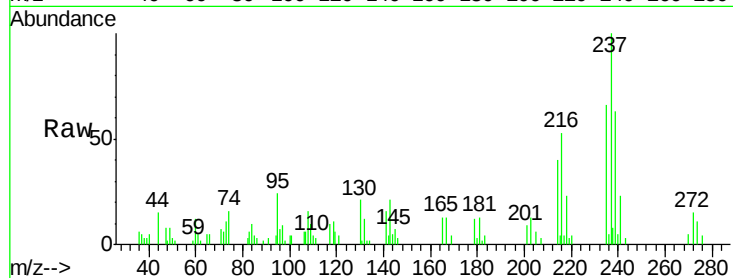
Tgt Ion:237 Resp: 24037

Ion Ratio Lower Upper

237 100

235 65.5 50.7 76.1

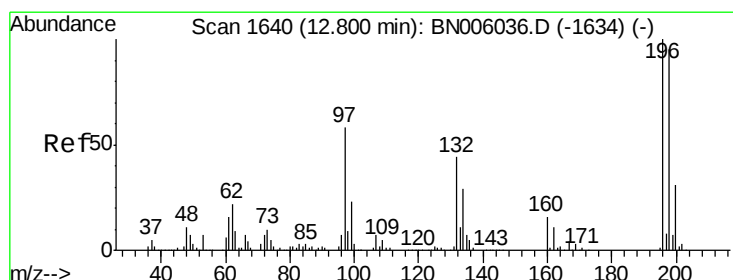
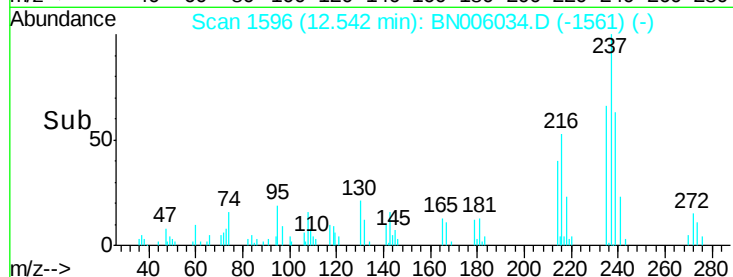
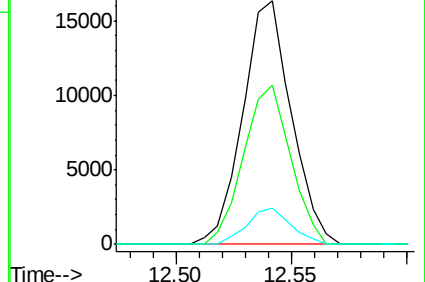
272 15.1 10.2 15.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 5.242 ng/ul

RT: 12.81 min Scan# 1641

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

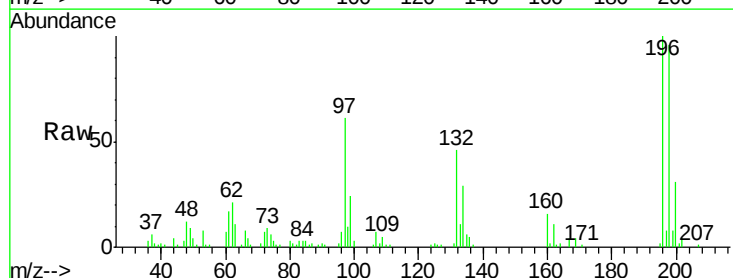
Tgt Ion:196 Resp: 94374

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

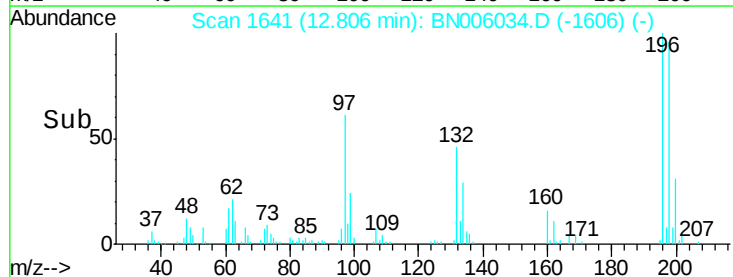
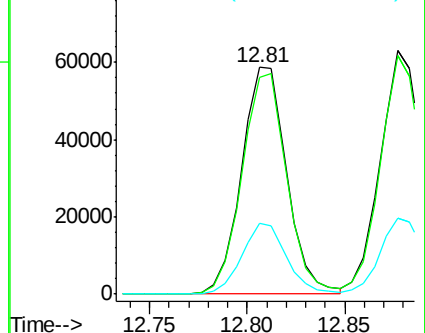
200 31.4 24.9 37.3

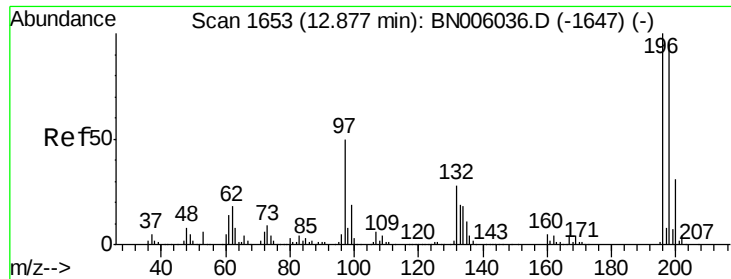


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#39

2,4,5-Trichlorophenol

Concen: 5.023 ng/ul

RT: 12.88 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

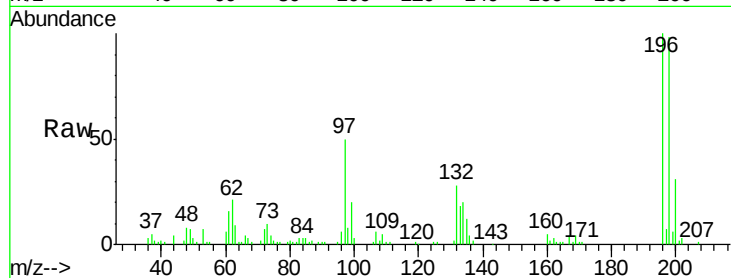
Tgt Ion:196 Resp: 98868

Ion Ratio Lower Upper

196 100

198 97.8 76.9 115.3

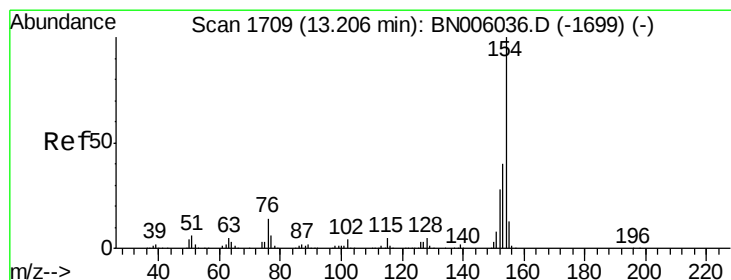
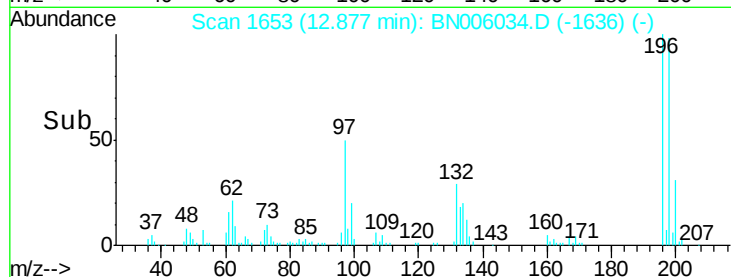
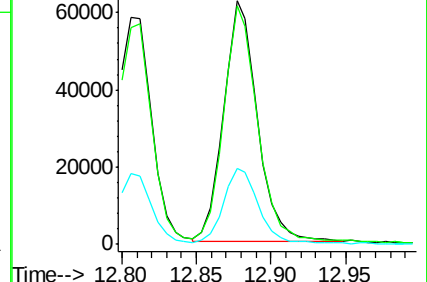
200 31.0 24.8 37.2



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



#40

1,1'-Biphenyl

Concen: 5.192 ng/ul

RT: 13.21 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

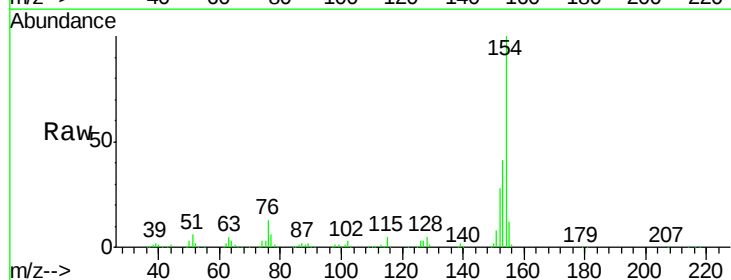
Tgt Ion:154 Resp: 394527

Ion Ratio Lower Upper

154 100

153 40.8 32.3 48.5

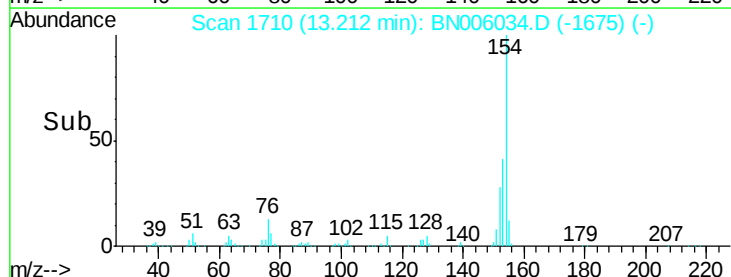
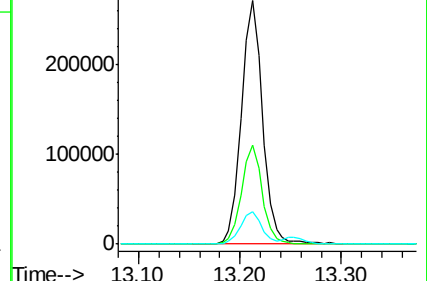
76 13.4 11.0 16.6

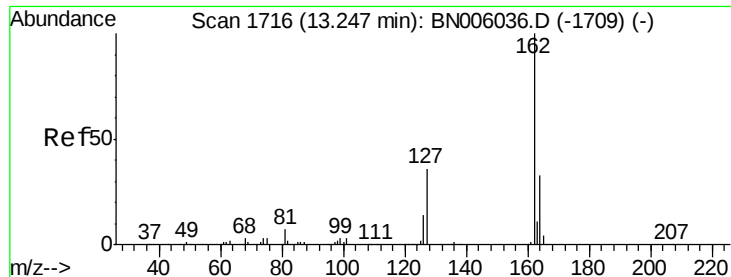


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

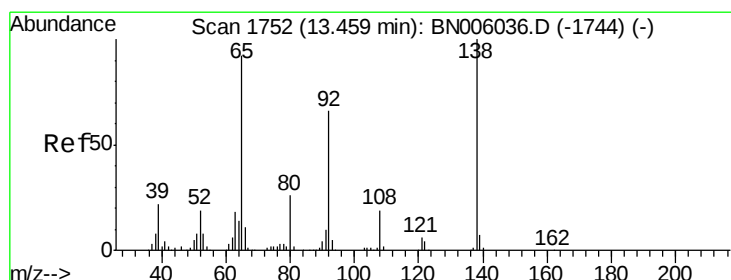
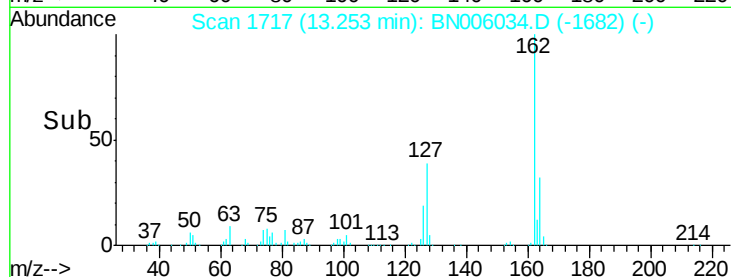
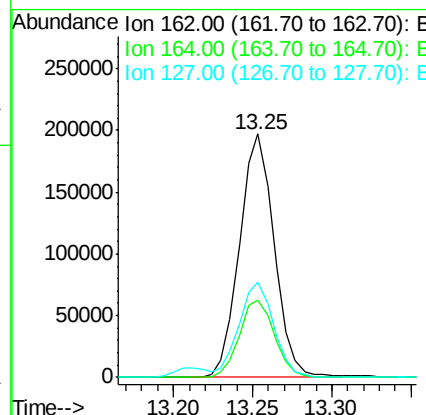
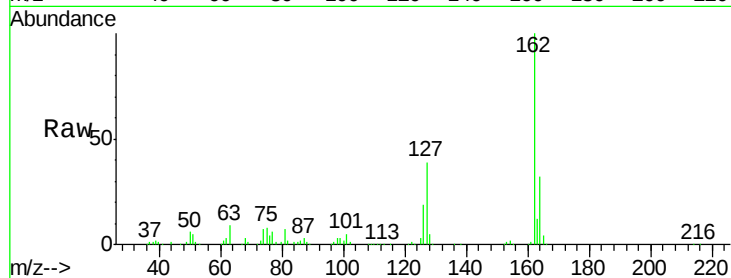




#41  
 2-Chloronaphthalene  
 Concen: 5.206 ng/ul  
 RT: 13.25 min Scan# 1717  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

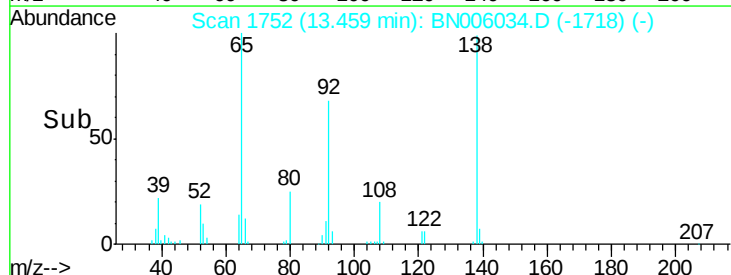
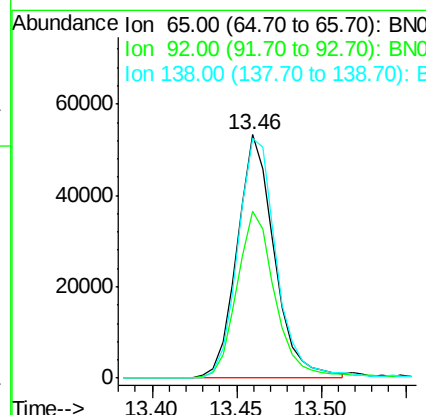
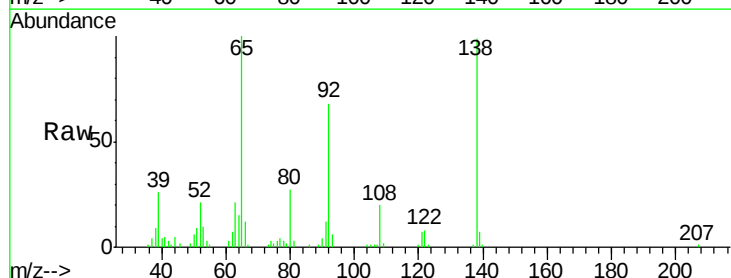
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST00588

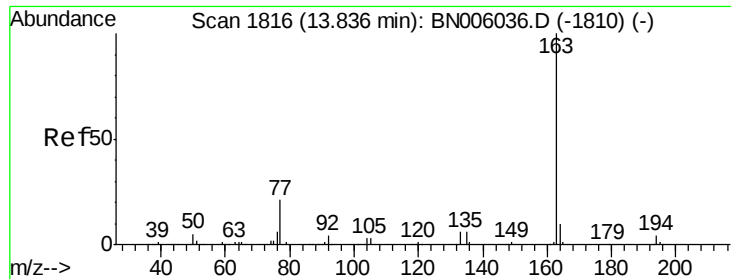
Tgt Ion: 162 Resp: 299615  
 Ion Ratio Lower Upper  
 162 100  
 164 31.6 26.4 39.6  
 127 38.9 31.7 47.5



#42  
 2-Nitroaniline  
 Concen: 5.368 ng/ul  
 RT: 13.46 min Scan# 1752  
 Delta R.T. 0.00 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

Tgt Ion: 65 Resp: 81718  
 Ion Ratio Lower Upper  
 65 100  
 92 68.3 57.5 86.3  
 138 98.7 87.2 130.8





#44

Dimethylphthalate

Concen: 4.736 ng/ul

RT: 13.84 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

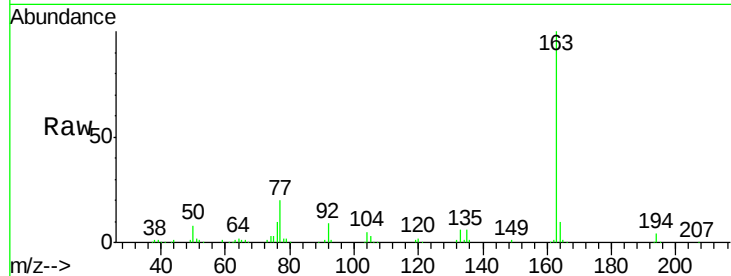
Tgt Ion:163 Resp: 357499

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

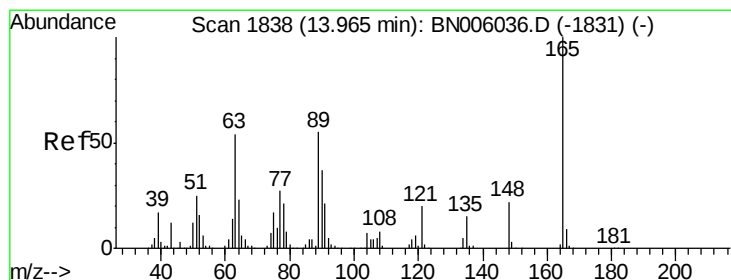
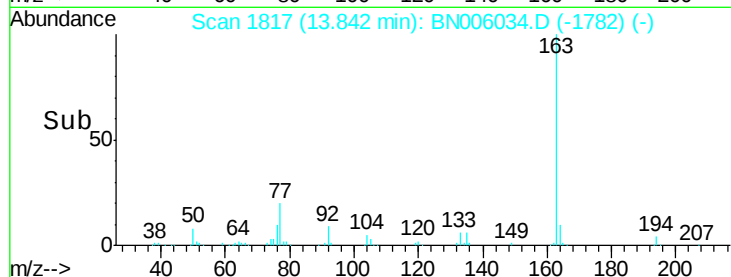
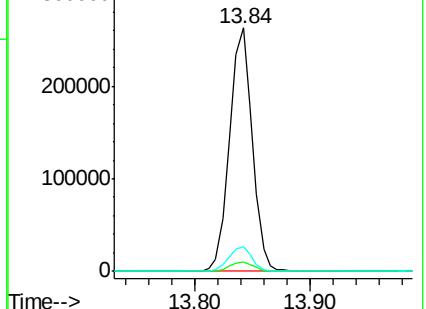
164 10.1 8.2 12.4



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: 5.115 ng/ul

RT: 13.97 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

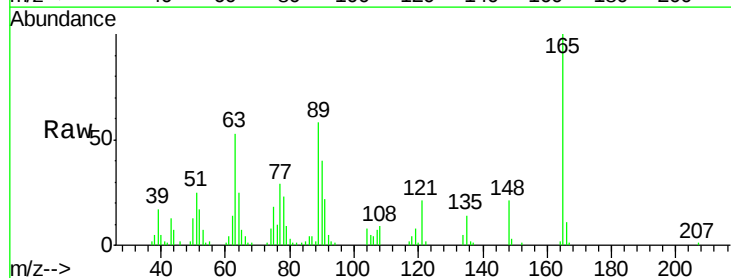
Tgt Ion:165 Resp: 66563

Ion Ratio Lower Upper

165 100

89 57.6 44.2 66.2

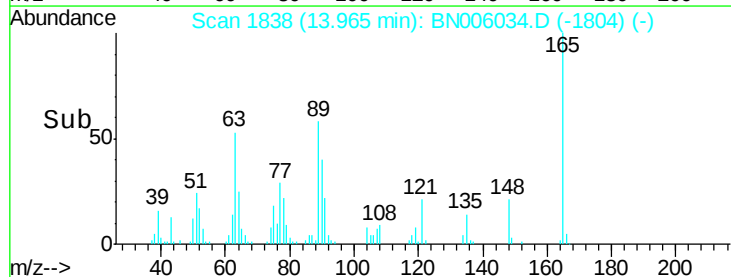
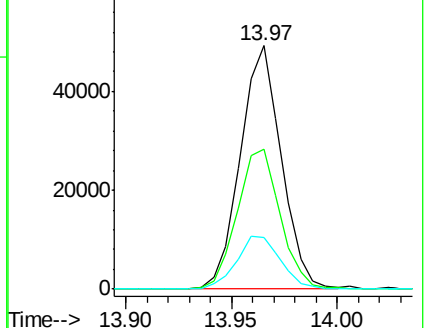
121 21.3 15.6 23.4

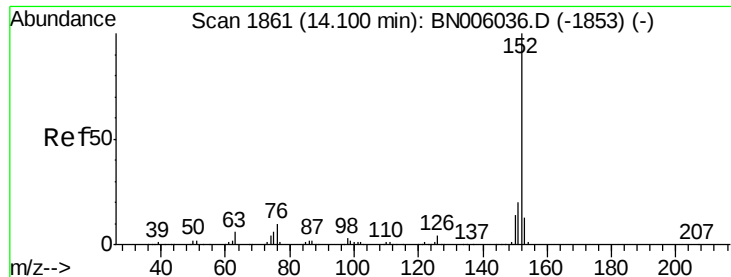


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 5.018 ng/ul

RT: 14.10 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

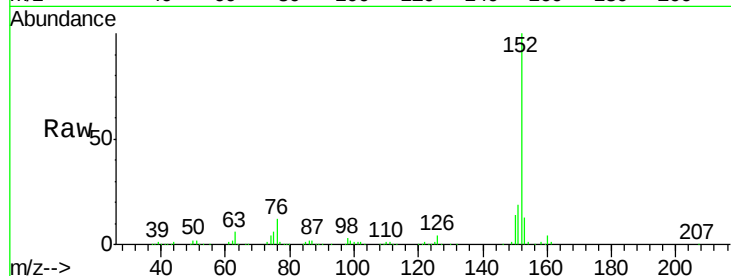
Tgt Ion:152 Resp: 464964

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.2

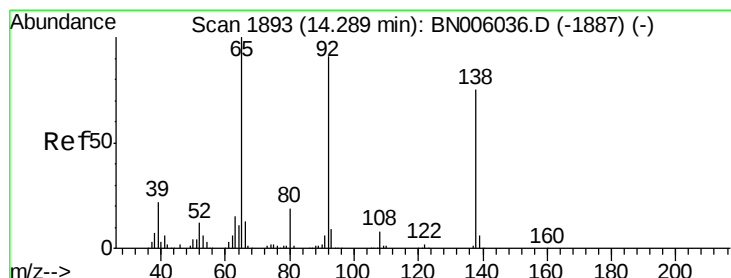
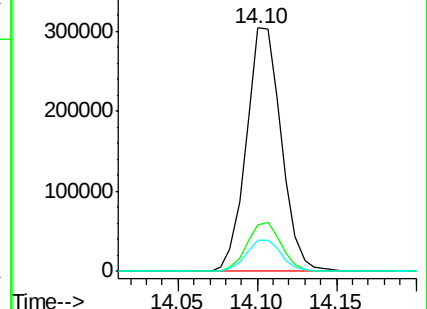
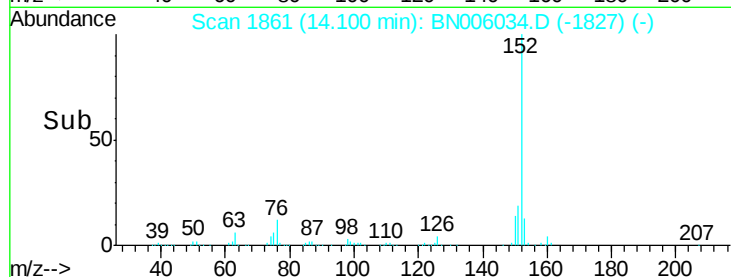
153 12.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 4.661 ng/ul

RT: 14.29 min Scan# 1894

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

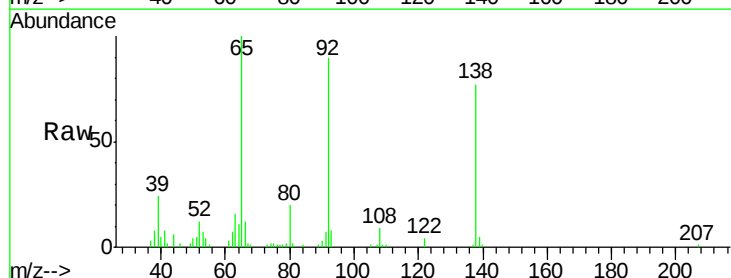
Tgt Ion:138 Resp: 65853

Ion Ratio Lower Upper

138 100

108 12.0 9.0 13.6

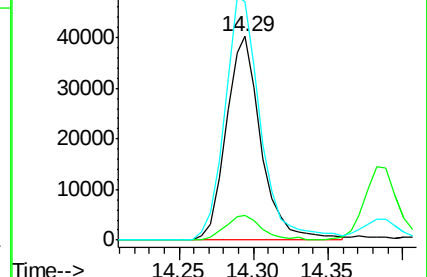
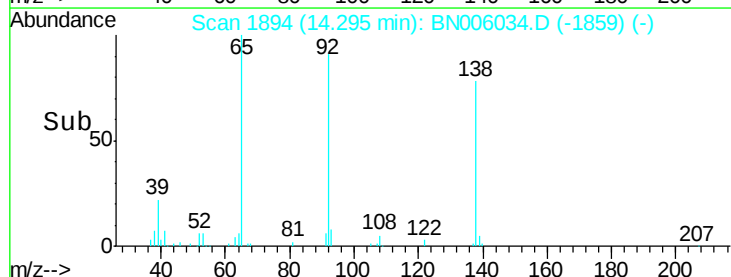
92 117.2 97.2 145.8

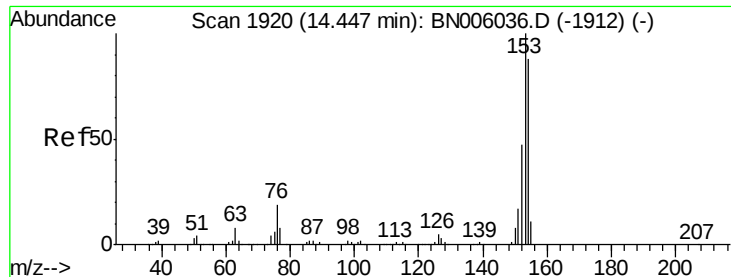


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 4.947 ng/ul

RT: 14.45 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

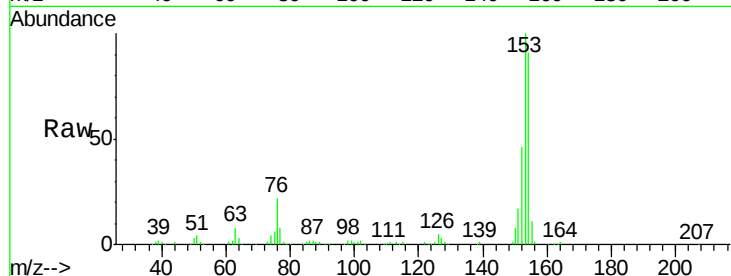
Tgt Ion:153 Resp: 311387

Ion Ratio Lower Upper

153 100

152 45.9 37.4 56.2

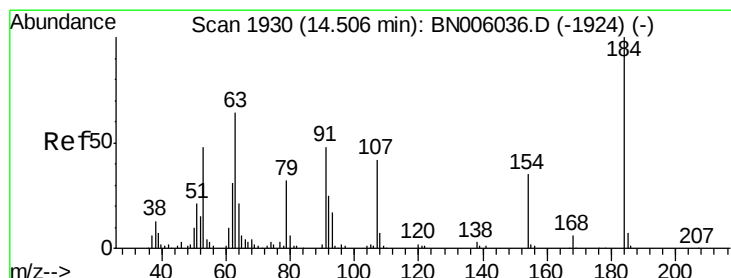
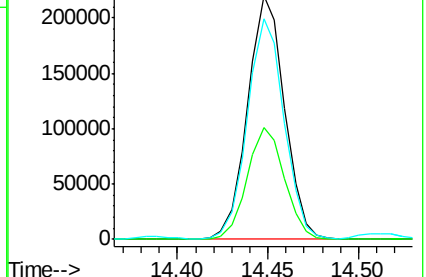
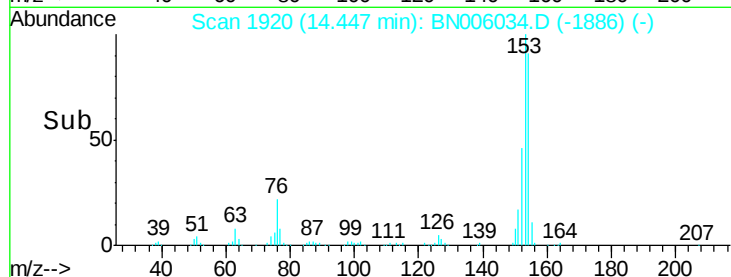
154 90.7 70.7 106.1



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: 2.400 ng/ul

RT: 14.51 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

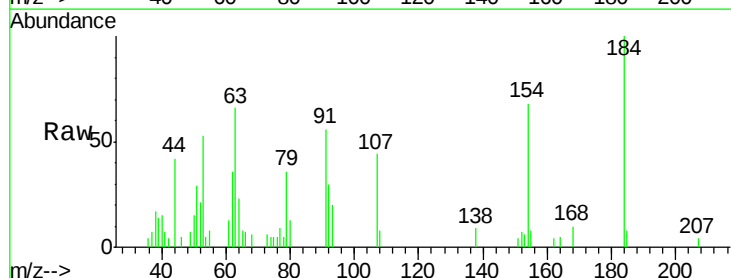
Tgt Ion:184 Resp: 13901

Ion Ratio Lower Upper

184 100

63 65.7 52.5 78.7

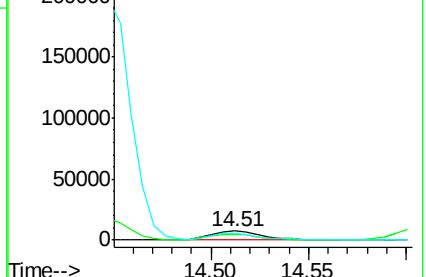
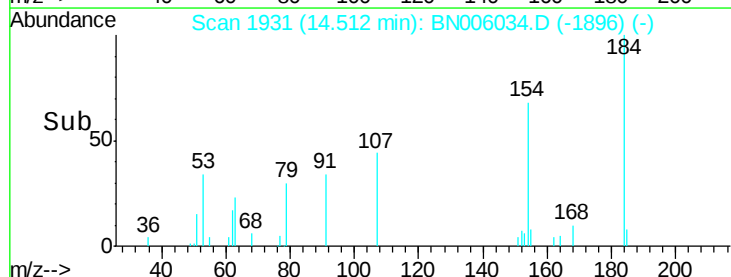
154 68.2 49.1 73.7

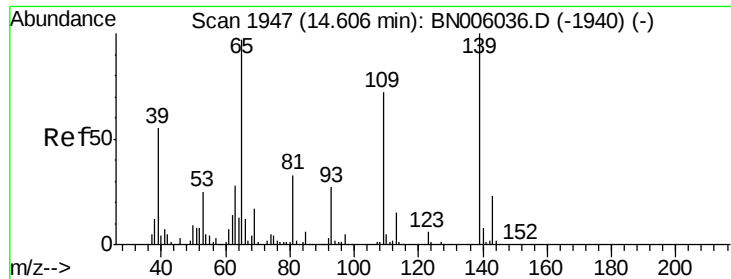


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 3.939 ng/ul

RT: 14.61 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

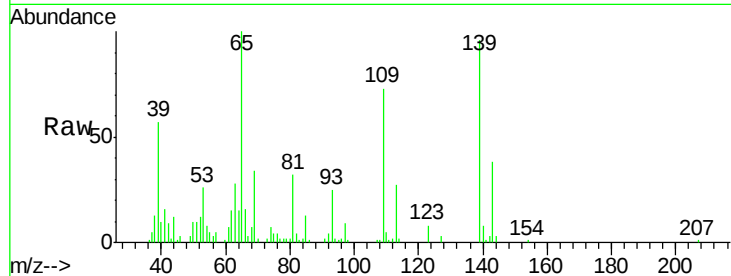
Tgt Ion:109 Resp: 42444

Ion Ratio Lower Upper

109 100

139 132.1 111.8 167.6

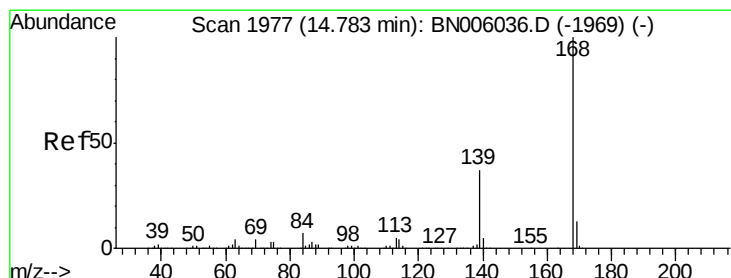
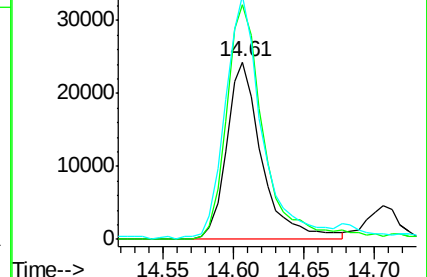
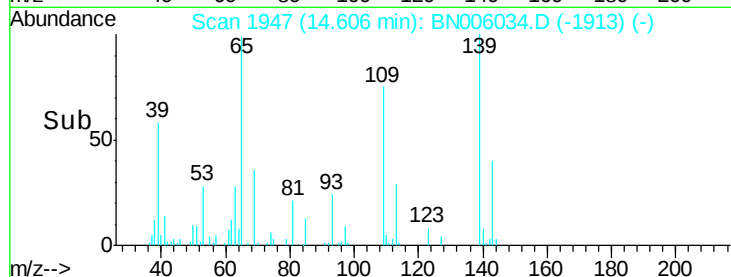
65 137.3 108.5 162.7



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: 5.075 ng/ul

RT: 14.78 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN006034.D

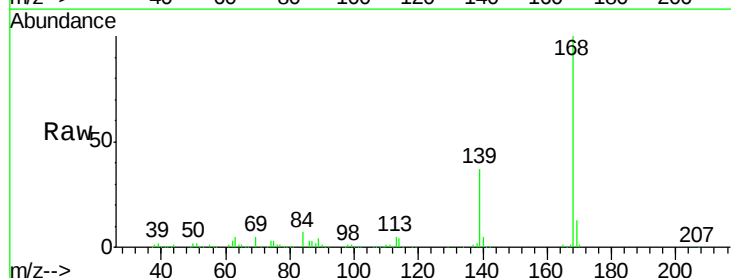
Acq: 03 Jun 2019 10:48

Tgt Ion:168 Resp: 450926

Ion Ratio Lower Upper

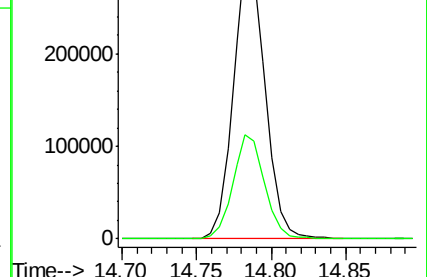
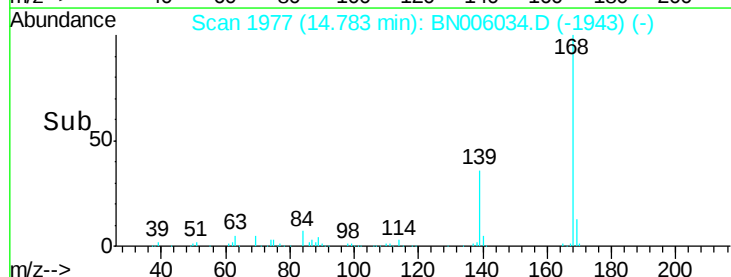
168 100

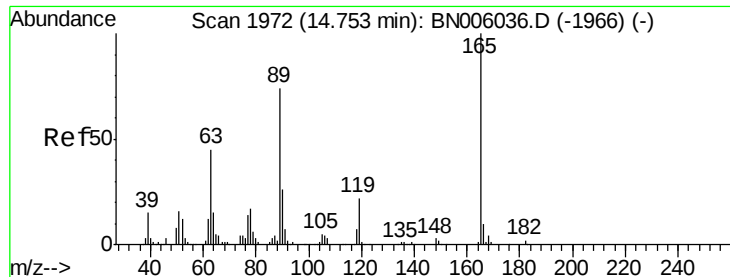
139 36.7 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

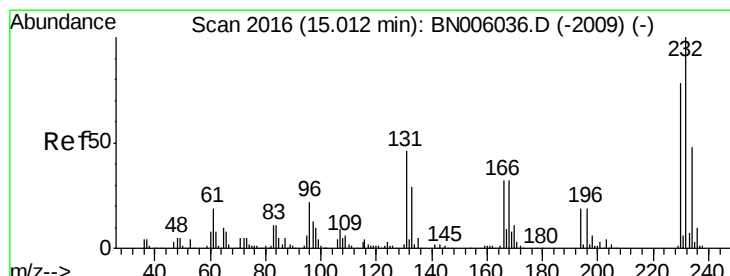
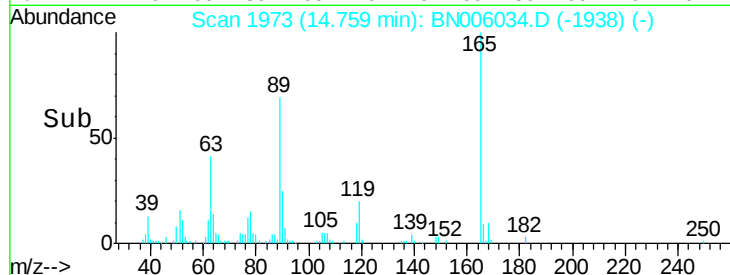
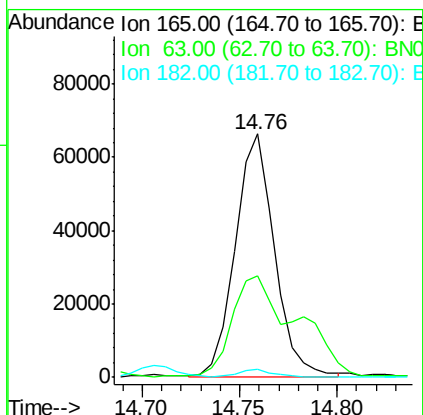
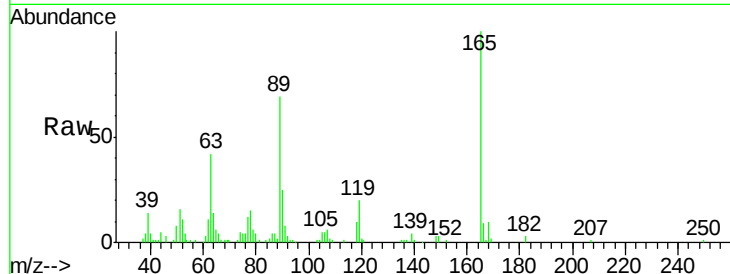




#54  
 2,4-Dinitrotoluene  
 Concen: 4.786 ng/ul  
 RT: 14.76 min Scan# 1973  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

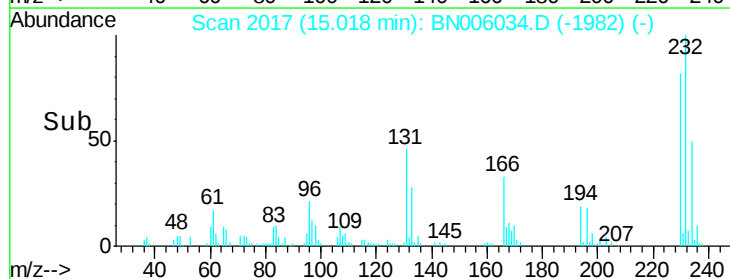
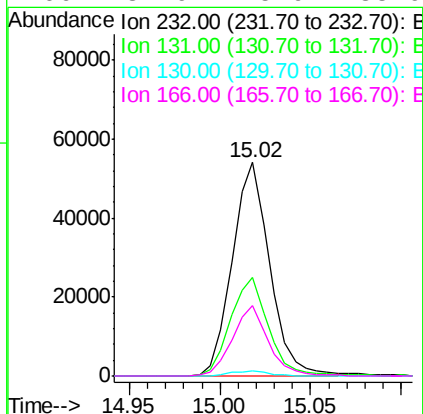
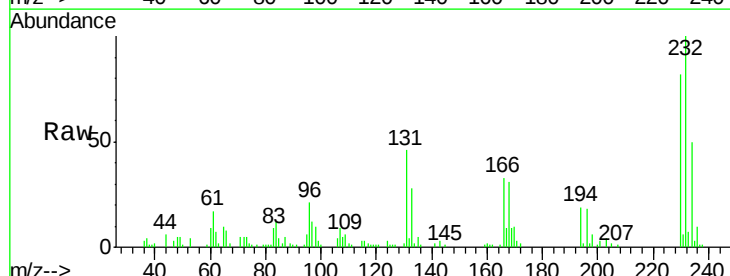
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD00588

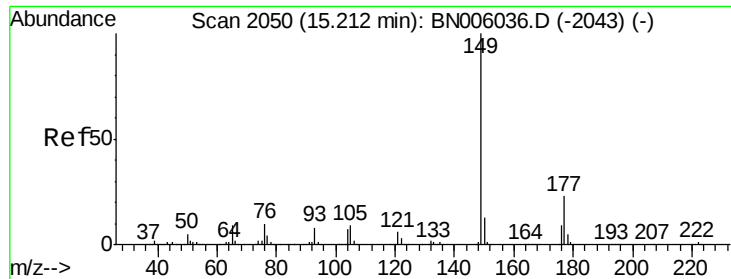
Tgt Ion:165 Resp: 92834  
 Ion Ratio Lower Upper  
 165 100  
 63 41.7 36.0 54.0  
 182 3.3 2.4 3.6



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 4.817 ng/ul  
 RT: 15.02 min Scan# 2017  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

Tgt Ion:232 Resp: 77938  
 Ion Ratio Lower Upper  
 232 100  
 131 46.5 36.9 55.3  
 130 2.3 1.8 2.8  
 166 32.9 25.9 38.9

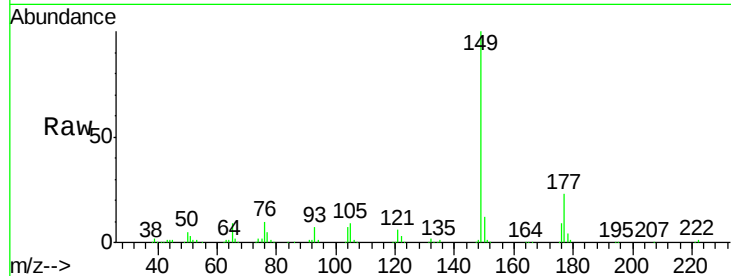




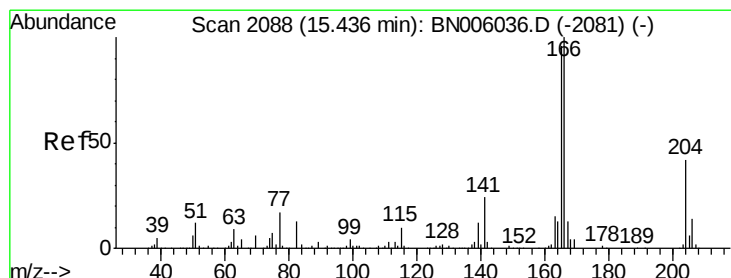
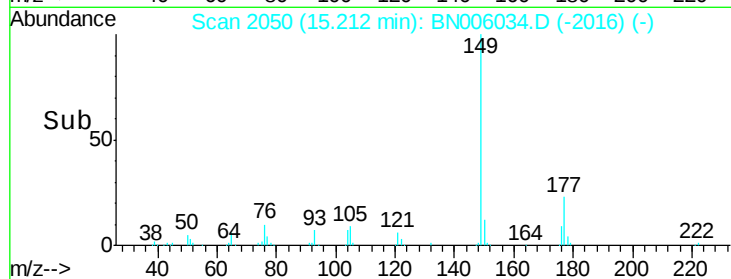
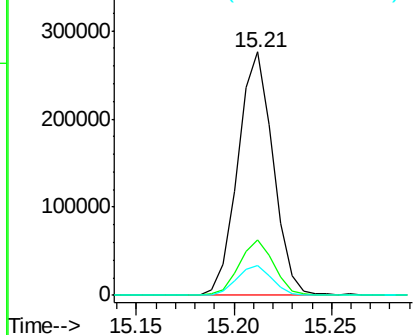
#56  
Diethylphthalate  
Concen: 4.392 ng/ul  
RT: 15.21 min Scan# 2050  
Delta R.T. 0.00 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD00588

Tgt Ion:149 Resp: 345132  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.4 27.6  
150 12.3 10.1 15.1

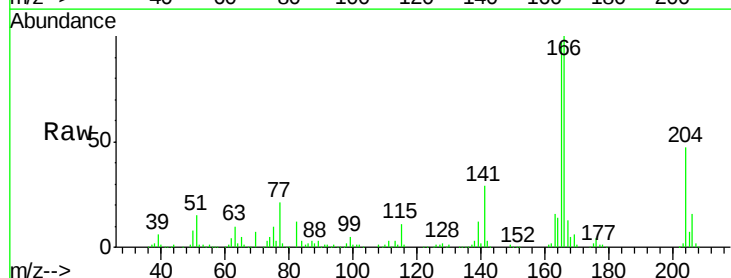


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

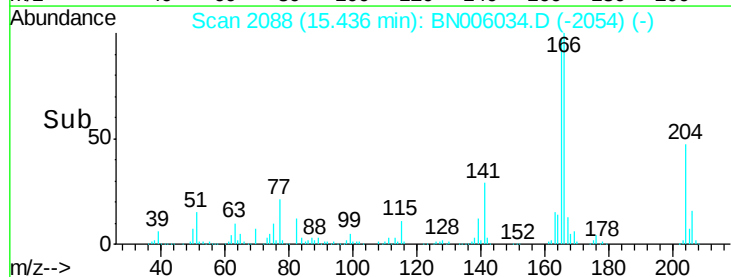
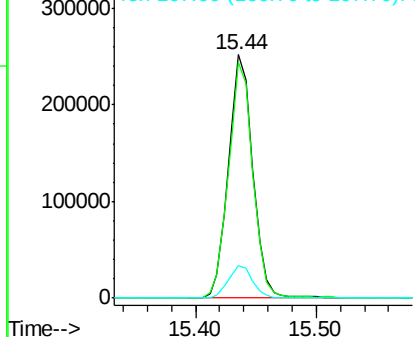


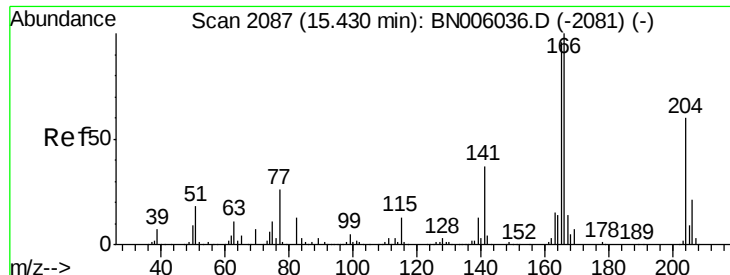
#58  
Fluorene  
Concen: 5.066 ng/ul  
RT: 15.44 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Tgt Ion:166 Resp: 353542  
Ion Ratio Lower Upper  
166 100  
165 96.7 76.6 115.0  
167 13.5 10.8 16.2



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

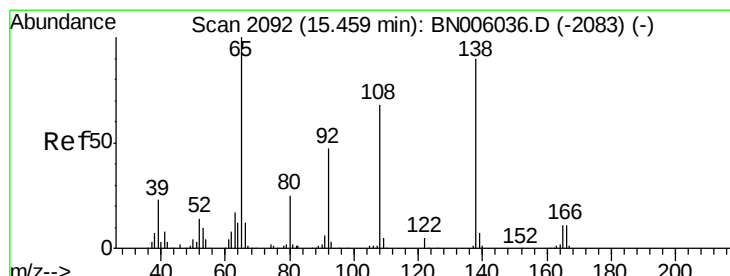
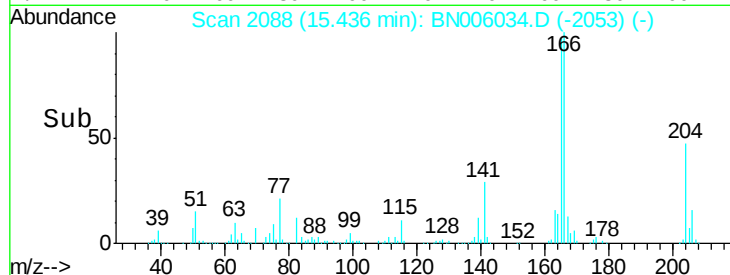
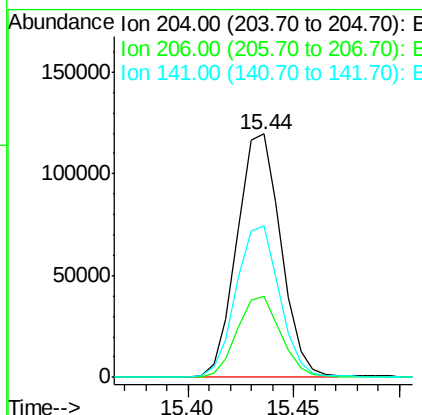
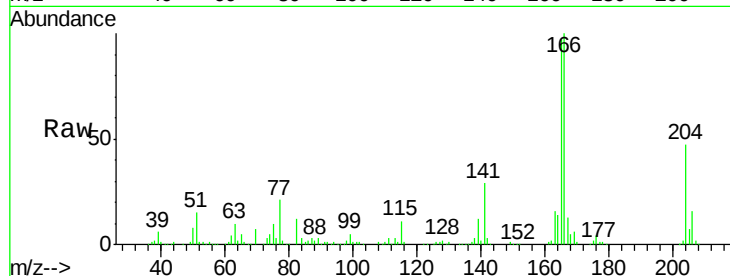




#59  
 4-Chlorophenyl-phenylether  
 Concen: 5.204 ng/ul  
 RT: 15.44 min Scan# 2088  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

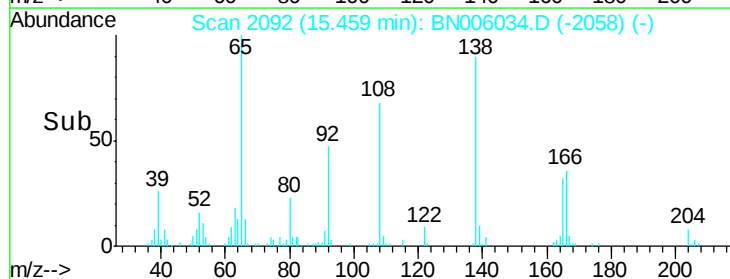
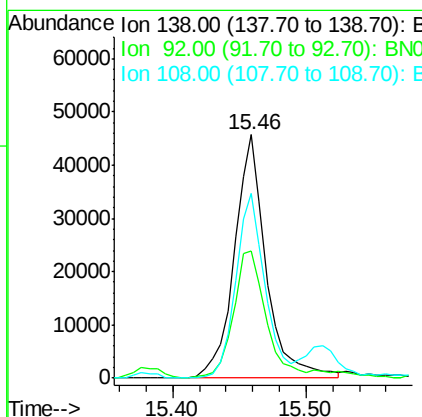
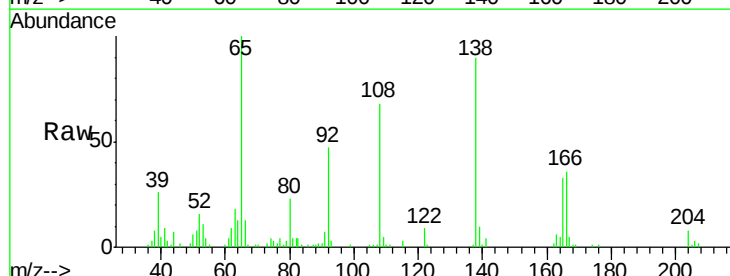
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD00588

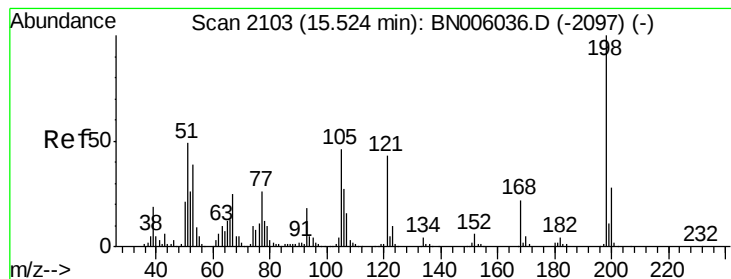
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 204   | Resp: | 173047 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.4  | 27.6  | 41.4   |
| 141      | 62.0  | 49.1  | 73.7   |



#60  
 4-Nitroaniline  
 Concen: 4.417 ng/ul  
 RT: 15.46 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 75569 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 52.5  | 41.7  | 62.5  |
| 108      | 76.0  | 61.0  | 91.6  |





#63

4,6-Dinitro-2-methylphenol

Concen: 3.605 ng/ul

RT: 15.52 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

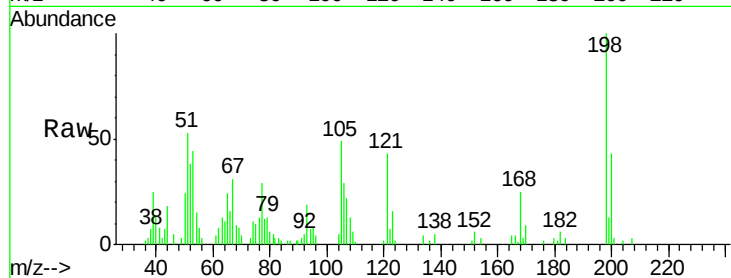
Tgt Ion:198 Resp: 33940

Ion Ratio Lower Upper

198 100

182 6.2 3.1 4.7#

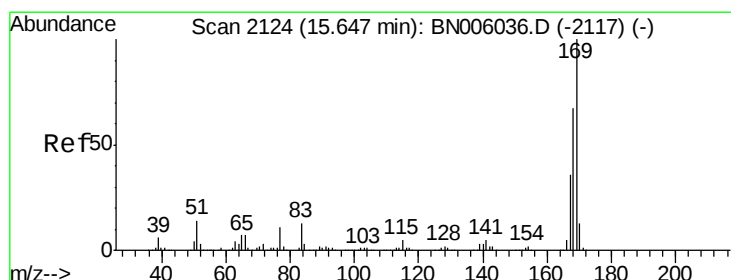
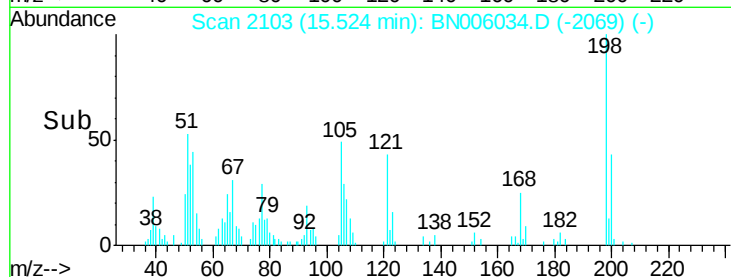
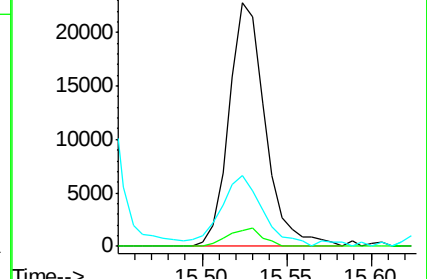
77 29.2 21.5 32.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC



#64

N-Nitrosodiphenylamine

Concen: 5.198 ng/ul

RT: 15.65 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

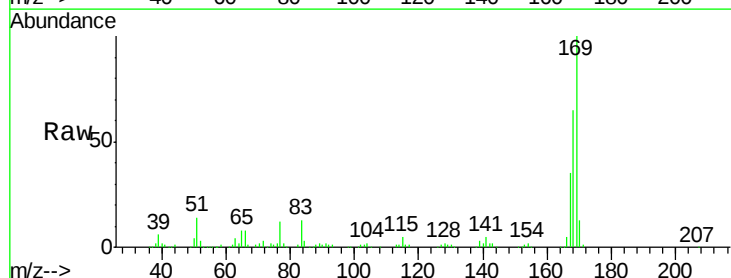
Tgt Ion:169 Resp: 304342

Ion Ratio Lower Upper

169 100

168 65.4 53.4 80.2

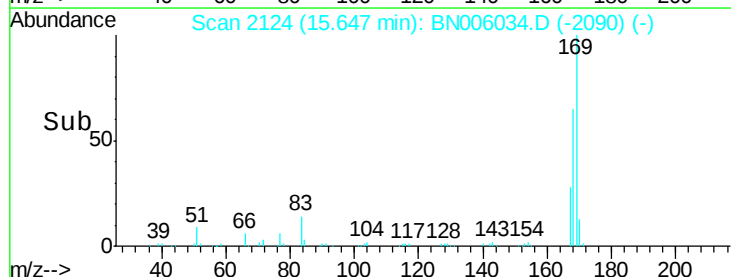
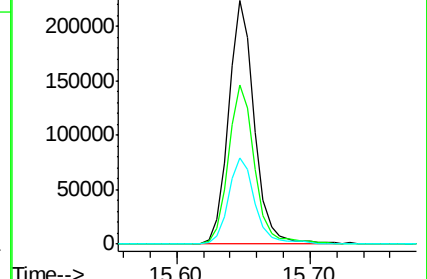
167 35.5 28.6 42.8

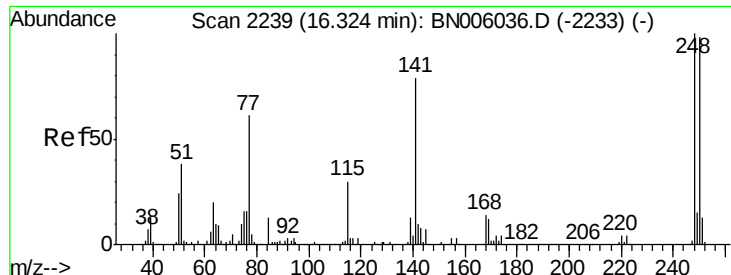


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

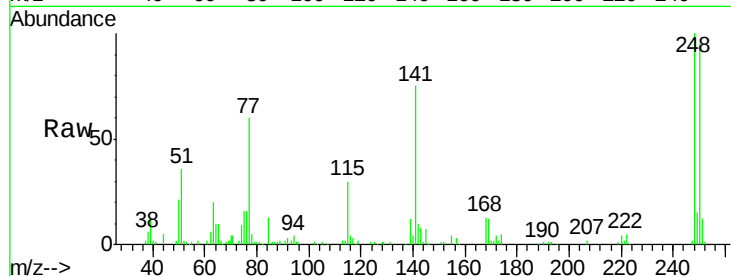




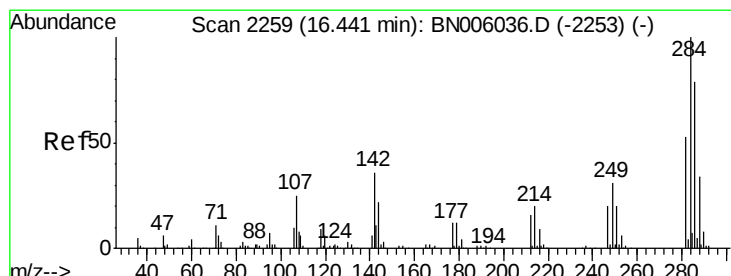
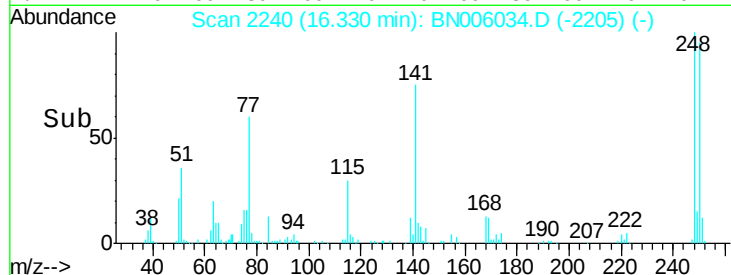
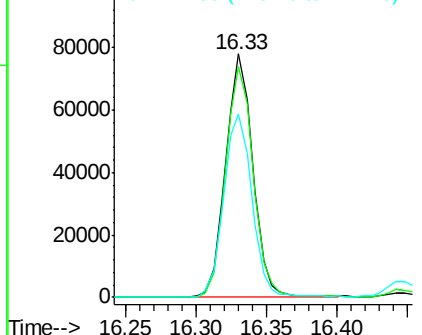
#65  
 4-Bromophenyl-phenylether  
 Concen: 5.378 ng/ul  
 RT: 16.33 min Scan# 2240  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST00588

Tgt Ion:248 Resp: 104904  
 Ion Ratio Lower Upper  
 248 100  
 250 95.0 78.8 118.2  
 141 75.4 63.0 94.6

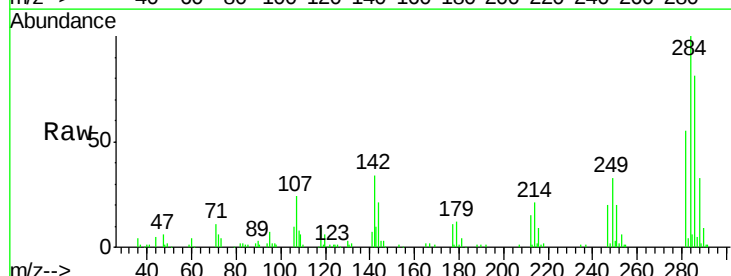


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

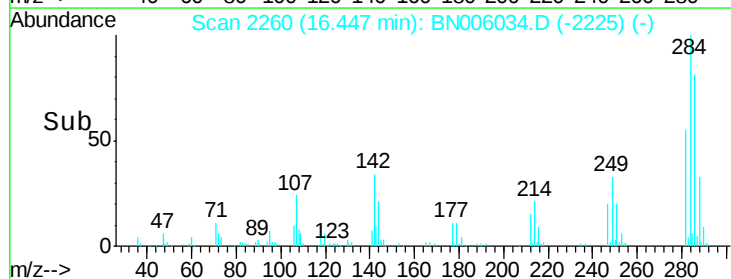
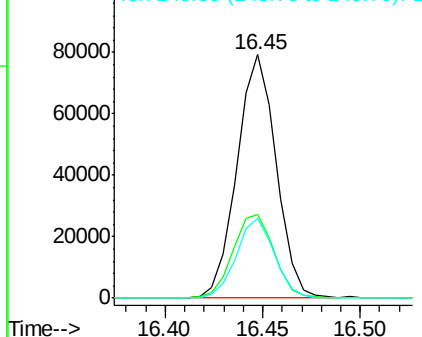


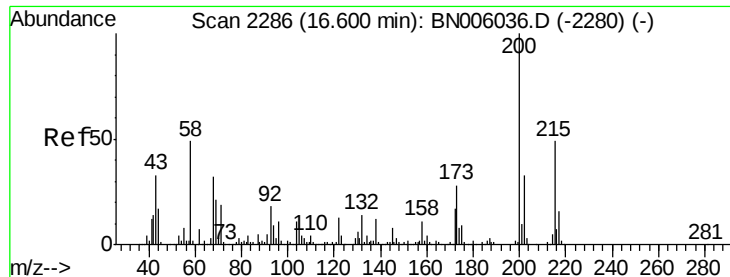
#66  
 Hexachlorobenzene  
 Concen: 5.264 ng/ul  
 RT: 16.45 min Scan# 2260  
 Delta R.T. 0.01 min  
 Lab File: BN006034.D  
 Acq: 03 Jun 2019 10:48

Tgt Ion:284 Resp: 110328  
 Ion Ratio Lower Upper  
 284 100  
 142 34.4 29.0 43.6  
 249 32.8 25.0 37.6



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





#67

Atrazine

Concen: 4.807 ng/ul

RT: 16.60 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

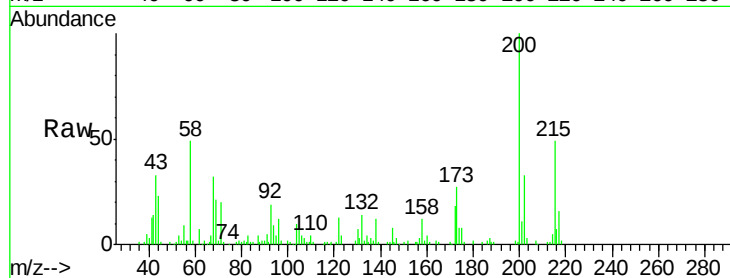
Tgt Ion:200 Resp: 99574

Ion Ratio Lower Upper

200 100

173 27.3 22.3 33.5

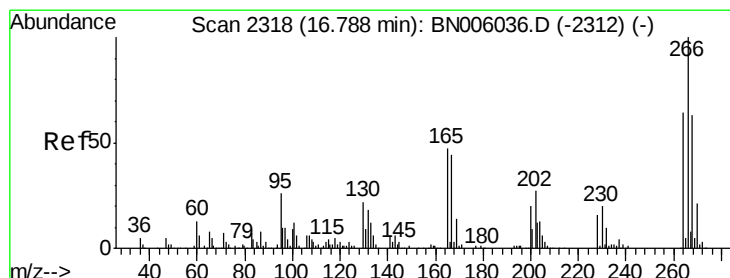
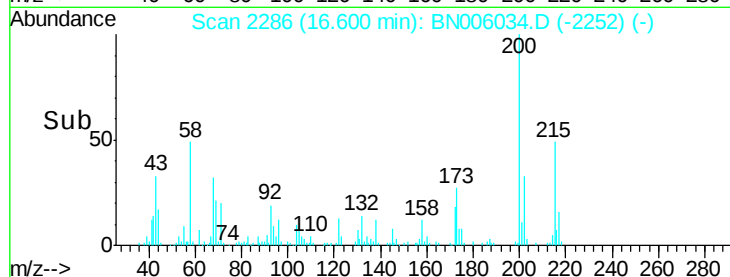
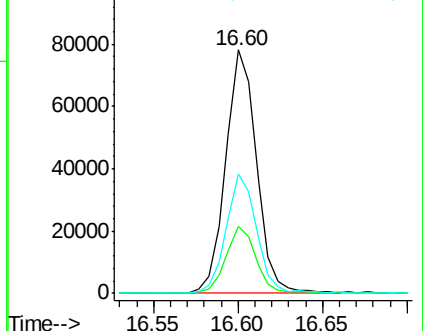
215 49.3 39.0 58.6



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: 3.323 ng/ul

RT: 16.79 min Scan# 2319

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

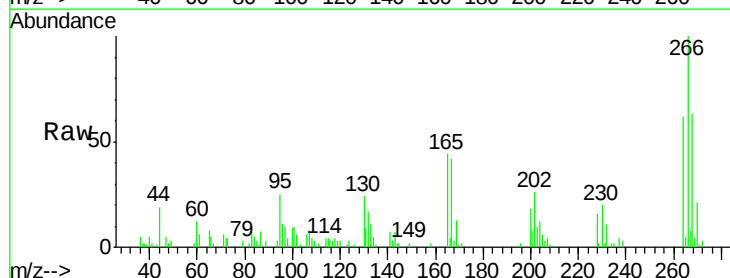
Tgt Ion:266 Resp: 40976

Ion Ratio Lower Upper

266 100

264 61.8 50.8 76.2

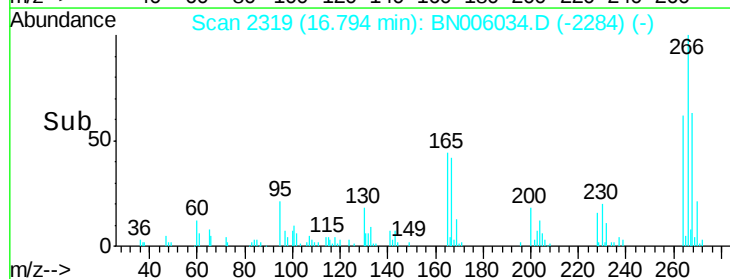
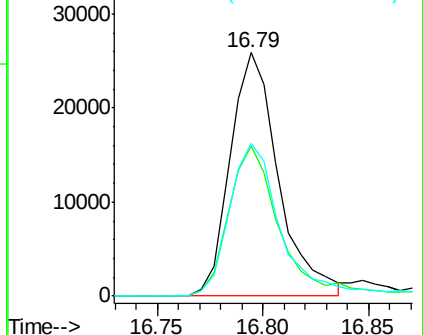
268 62.8 50.7 76.1

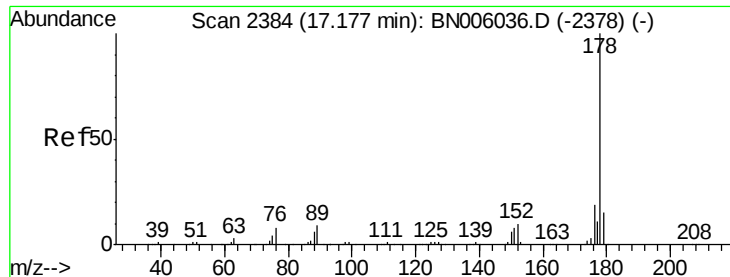


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 4.994 ng/ul

RT: 17.18 min Scan# 2385

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

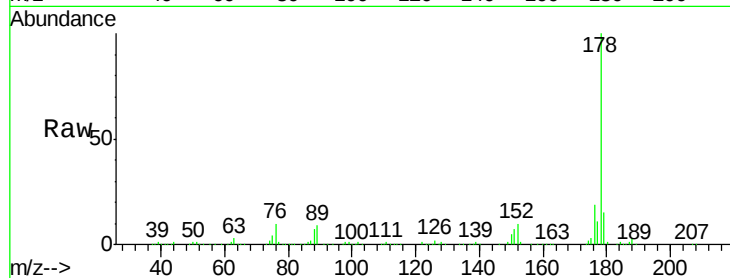
Tgt Ion:178 Resp: 519724

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

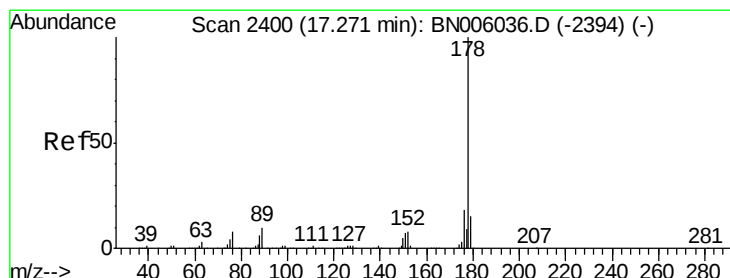
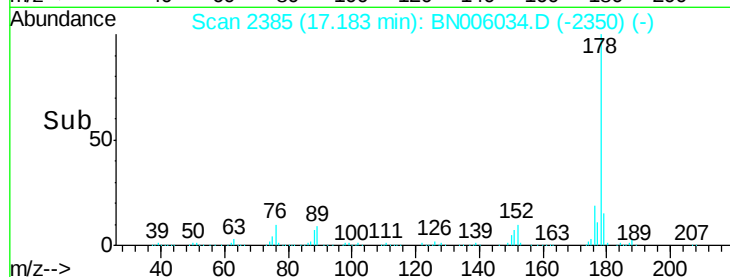
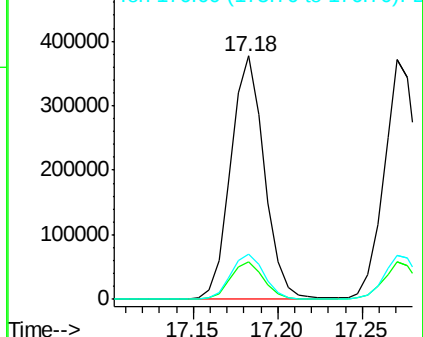
176 18.7 15.0 22.4



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



#71

Anthracene

Concen: 4.989 ng/ul

RT: 17.27 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

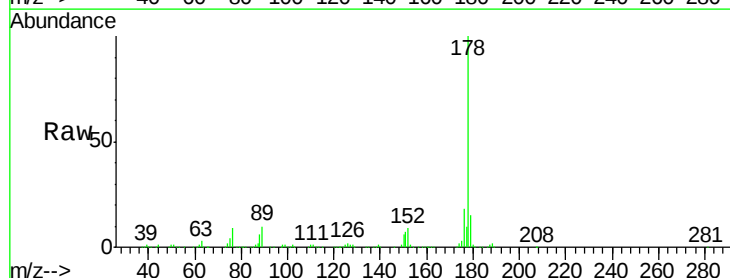
Tgt Ion:178 Resp: 527088

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

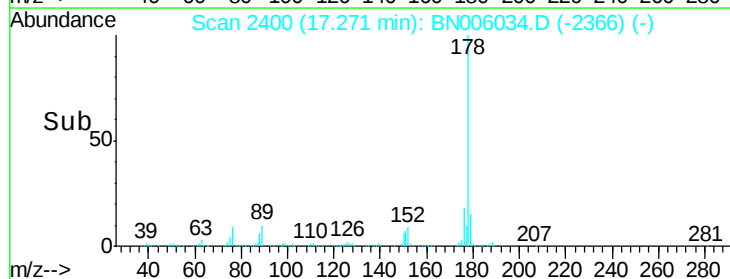
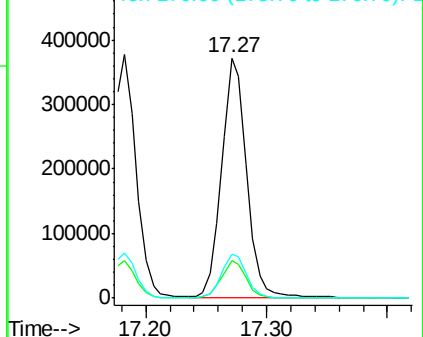
176 18.4 14.8 22.2

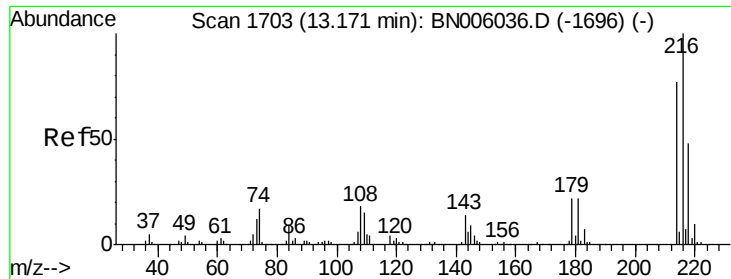


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 5.992 ng/uL

RT: 13.18 min Scan# 1704

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

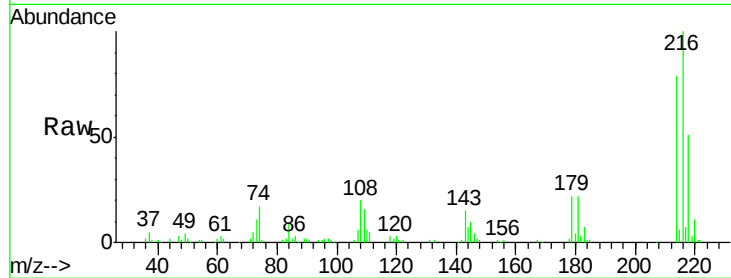
Tgt Ion:216 Resp: 156176

Ion Ratio Lower Upper

216 100

214 79.1 61.7 92.5

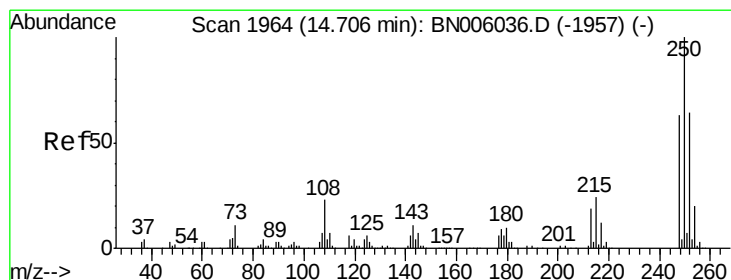
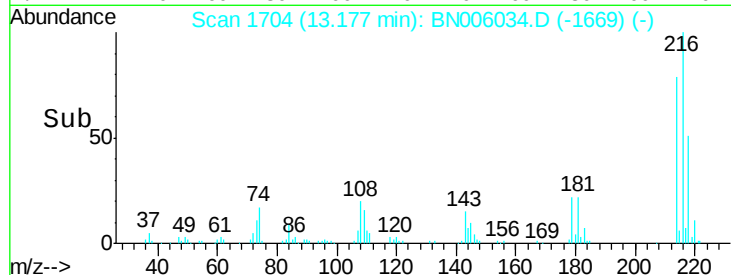
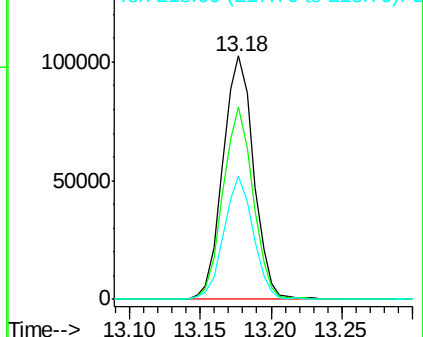
218 50.7 38.2 57.2



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



#73

Pentachlorobenzene

Concen: 5.715 ng/uL

RT: 14.71 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

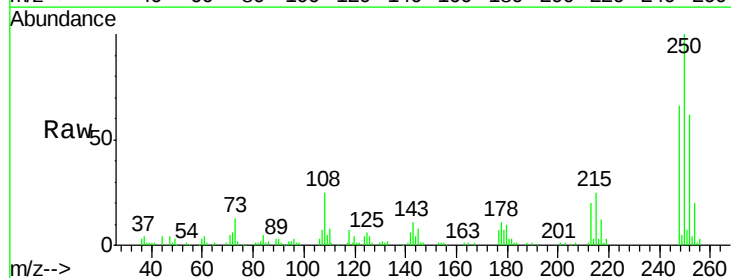
Tgt Ion:250 Resp: 137948

Ion Ratio Lower Upper

250 100

248 65.9 50.2 75.4

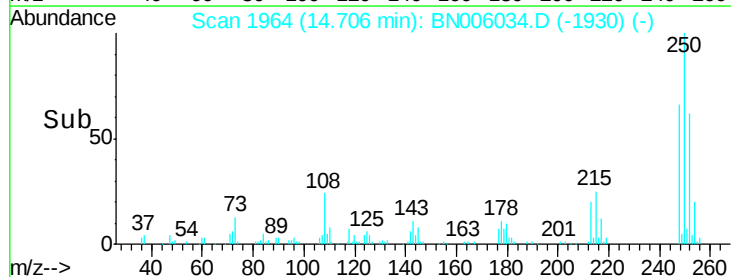
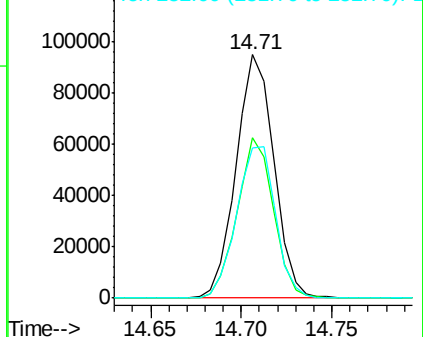
252 61.9 50.9 76.3

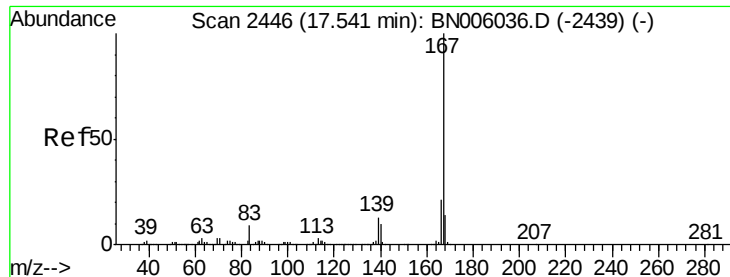


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 4.828 ng/ul

RT: 17.55 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

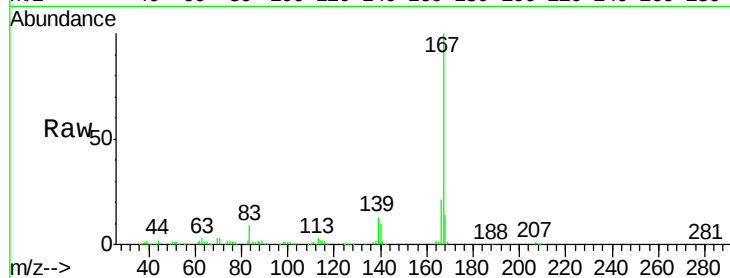
Tgt Ion:167 Resp: 459524

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

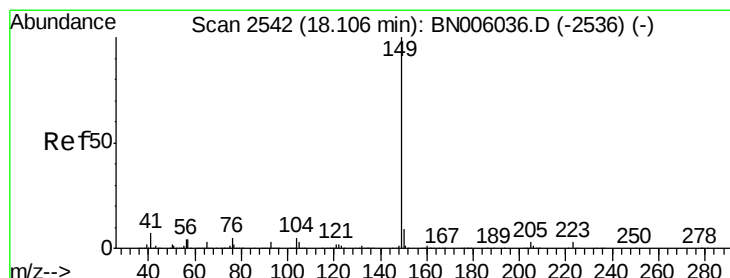
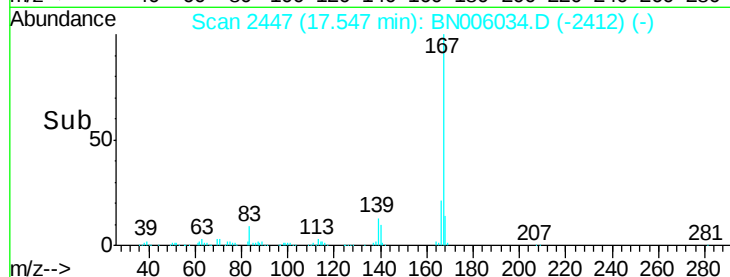
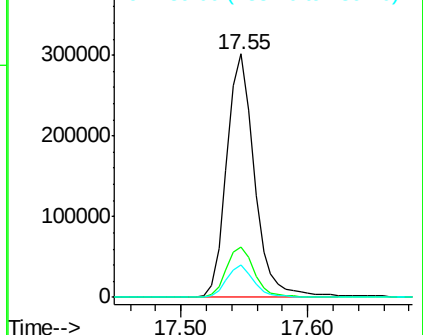
139 13.1 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 4.428 ng/ul

RT: 18.11 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

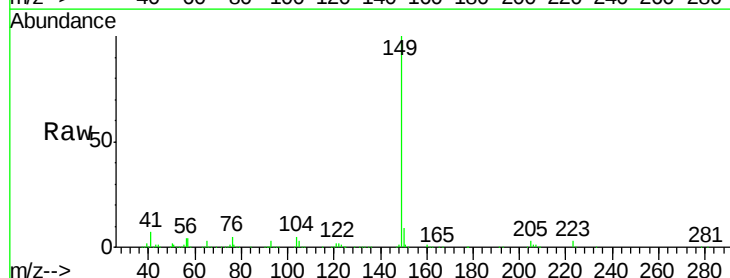
Tgt Ion:149 Resp: 550804

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

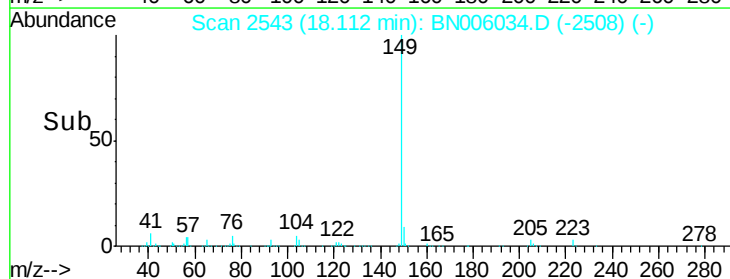
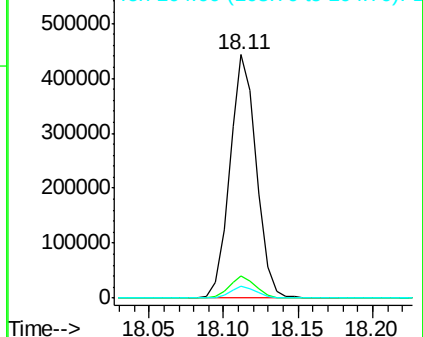
104 4.8 4.2 6.2

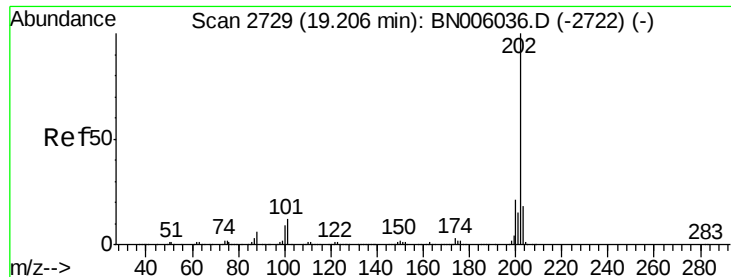


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 4.724 ng/ul

RT: 19.21 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

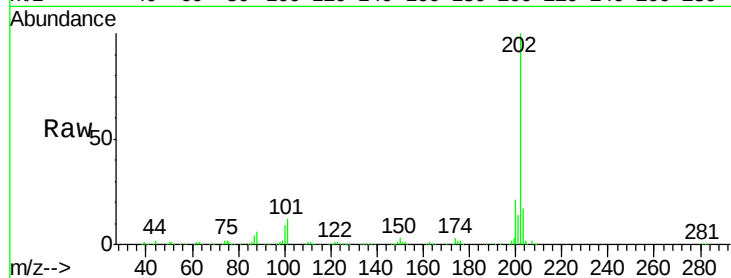
Tgt Ion:202 Resp: 524833

Ion Ratio Lower Upper

202 100

101 11.9 9.6 14.4

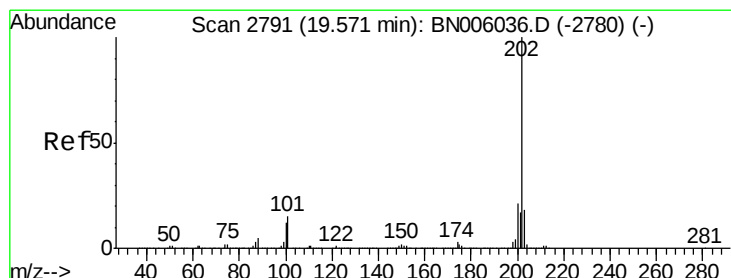
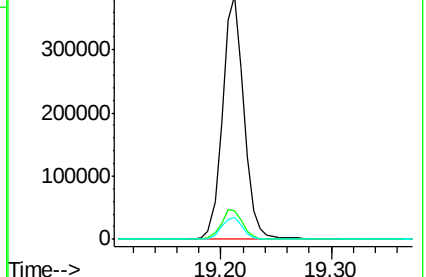
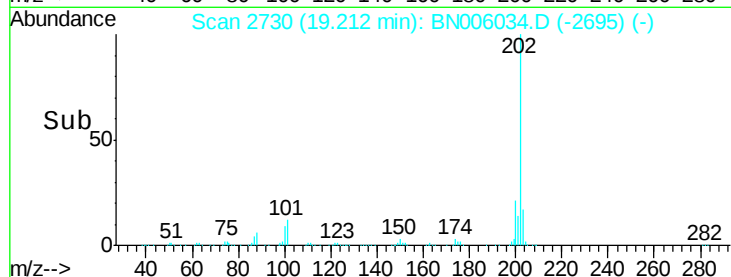
100 8.9 7.1 10.7



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



#79

Pyrene

Concen: 5.662 ng/ul

RT: 19.58 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

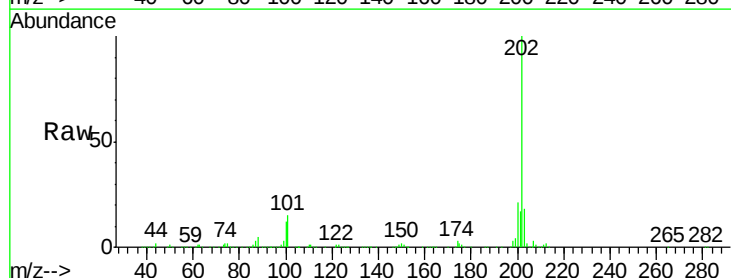
Tgt Ion:202 Resp: 538601

Ion Ratio Lower Upper

202 100

101 14.8 11.6 17.4

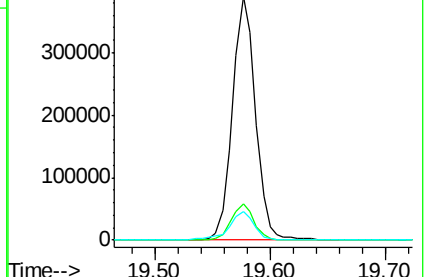
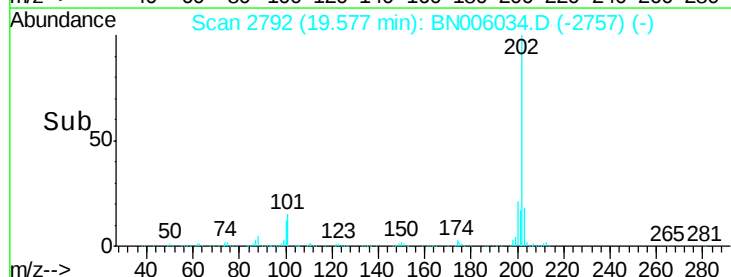
100 11.8 9.4 14.2

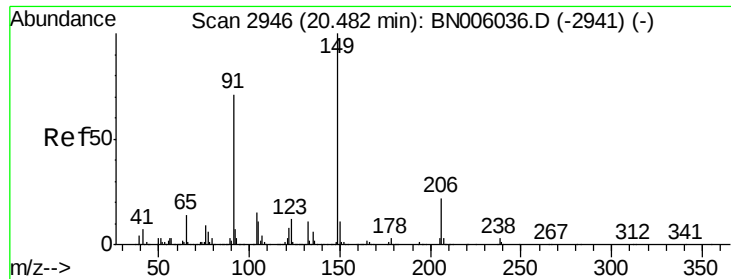


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

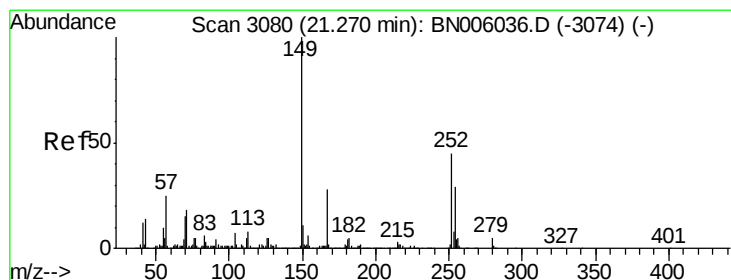
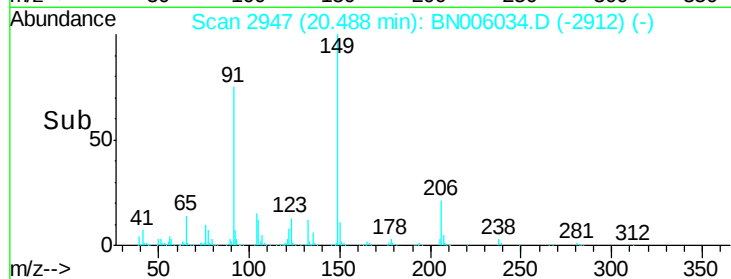
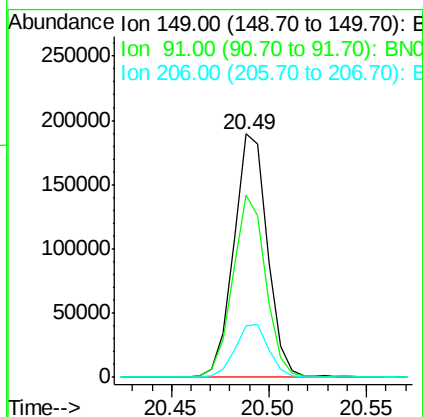
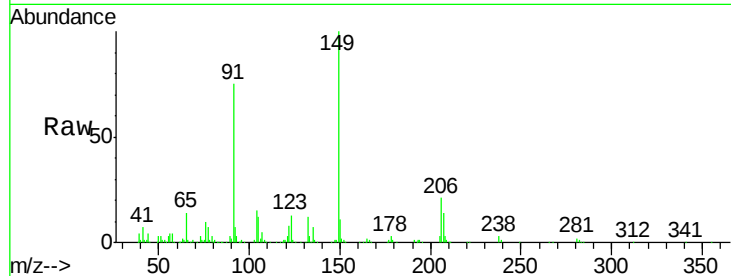




#80  
Butylbenzylphthalate  
Concen: 5.266 ng/ul  
RT: 20.49 min Scan# 2947  
Delta R.T. 0.01 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

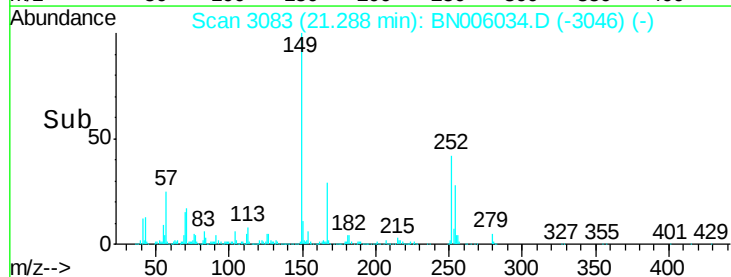
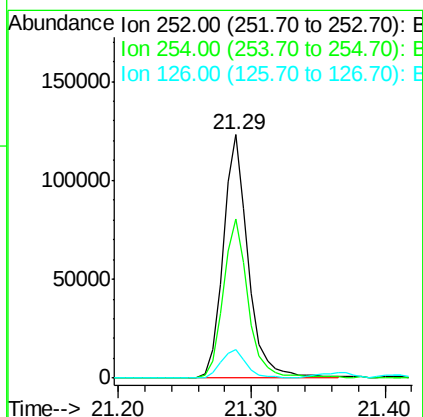
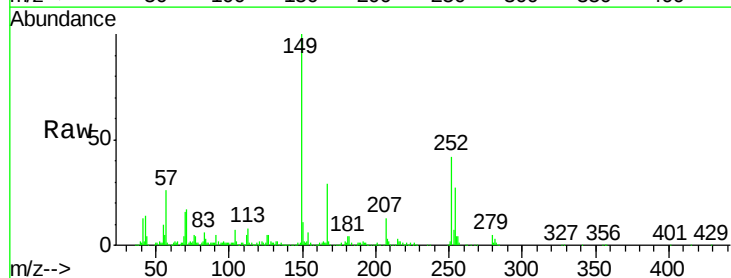
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD00588

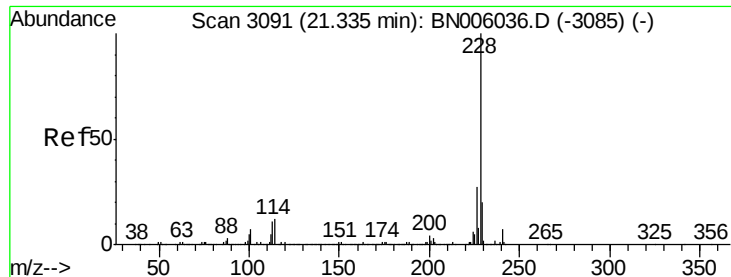
Tgt Ion:149 Resp: 225107  
Ion Ratio Lower Upper  
149 100  
91 74.6 57.0 85.6  
206 21.3 17.4 26.2



#81  
3,3'-Dichlorobenzidine  
Concen: 5.433 ng/ul  
RT: 21.29 min Scan# 3083  
Delta R.T. 0.02 min  
Lab File: BN006034.D  
Acq: 03 Jun 2019 10:48

Tgt Ion:252 Resp: 162003  
Ion Ratio Lower Upper  
252 100  
254 65.2 50.7 76.1  
126 11.8 9.0 13.6





#82

Benzo(a)anthracene

Concen: 4.894 ng/ul

RT: 21.35 min Scan# 3094

Delta R.T. 0.02 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

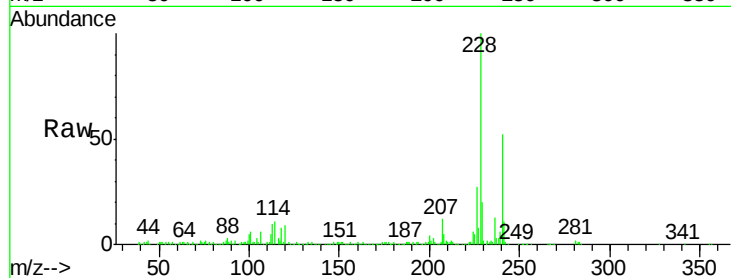
Tgt Ion:228 Resp: 461916

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.8

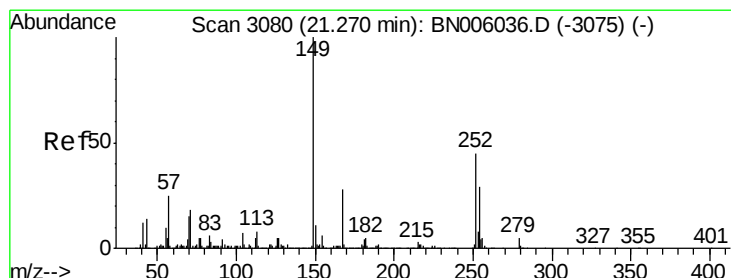
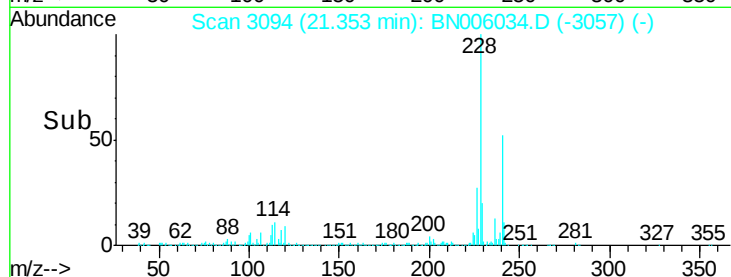
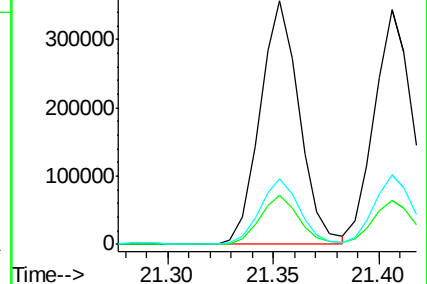
226 27.0 21.6 32.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.452 ng/ul

RT: 21.28 min Scan# 3082

Delta R.T. 0.01 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

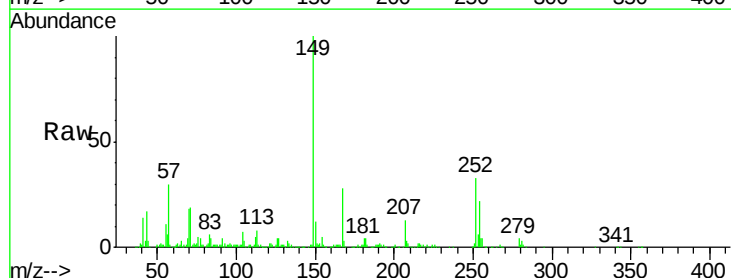
Tgt Ion:149 Resp: 337787

Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

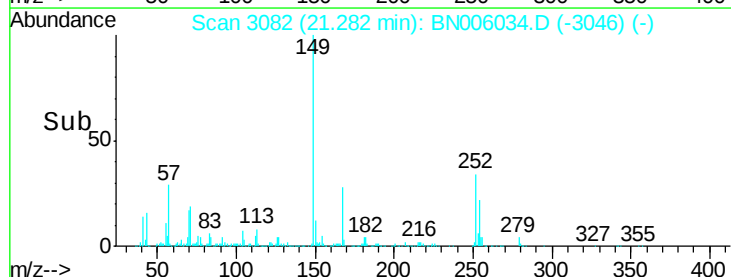
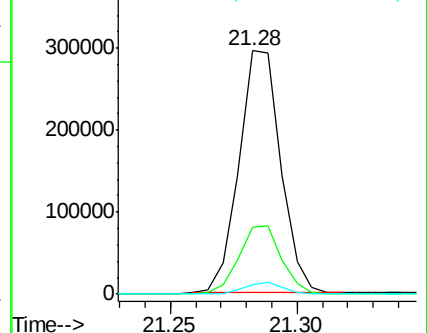
279 4.0 3.6 5.4

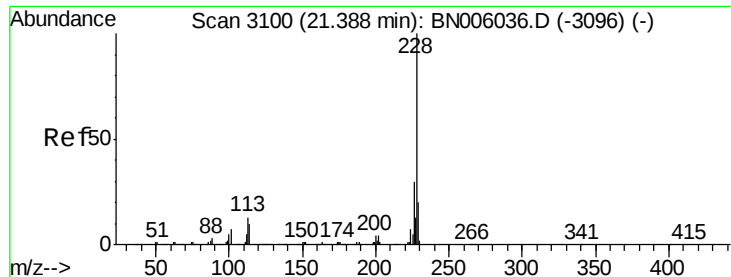


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 4.963 ng/ul

RT: 21.41 min Scan# 3103

Delta R.T. 0.02 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

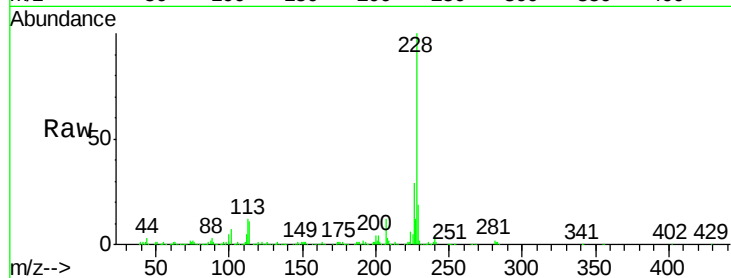
Tgt Ion:228 Resp: 436948

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.4

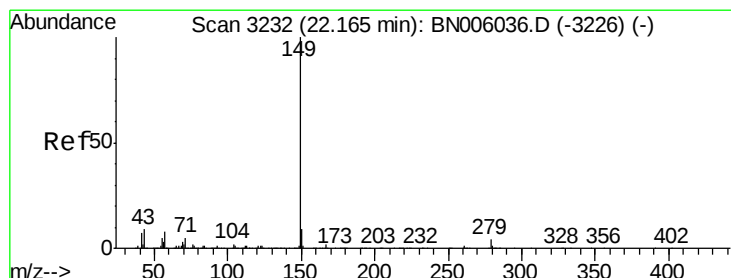
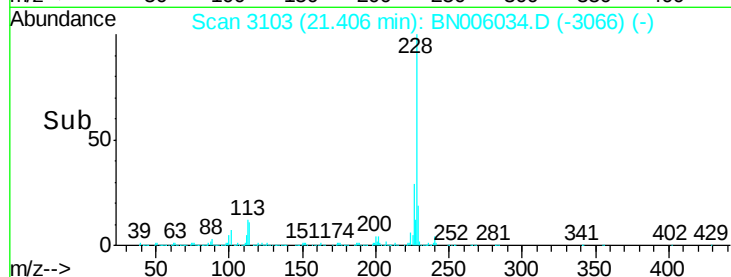
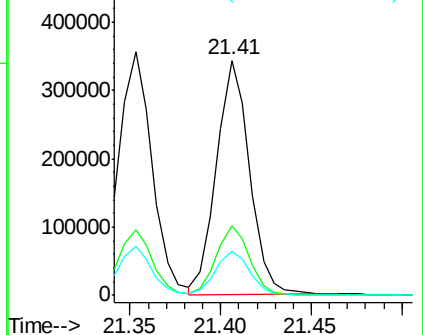
229 18.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 5.872 ng/ul

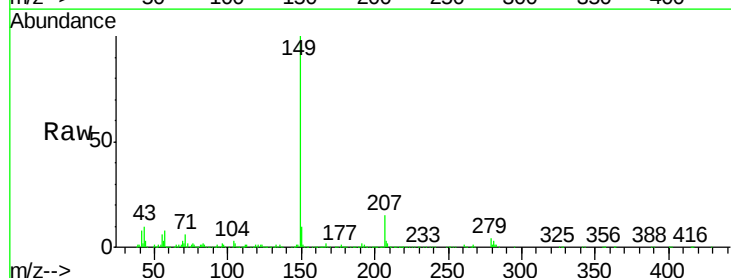
RT: 22.19 min Scan# 3236

Delta R.T. 0.02 min

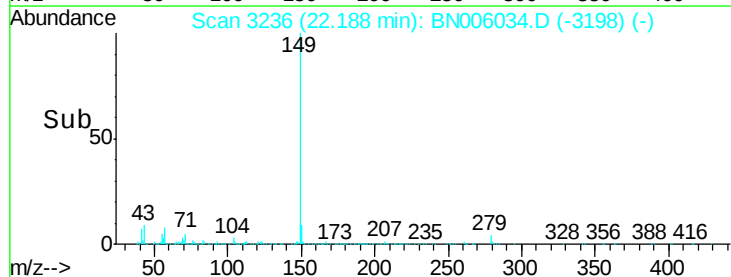
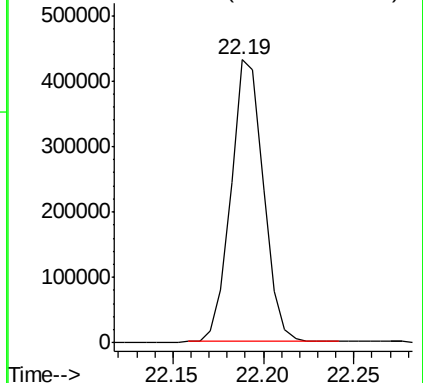
Lab File: BN006034.D

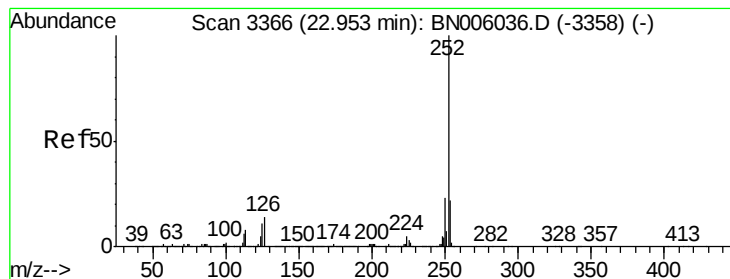
Acq: 03 Jun 2019 10:48

Tgt Ion:149 Resp: 537071



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 4.740 ng/ul

RT: 22.98 min Scan# 3371

Delta R.T. 0.03 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

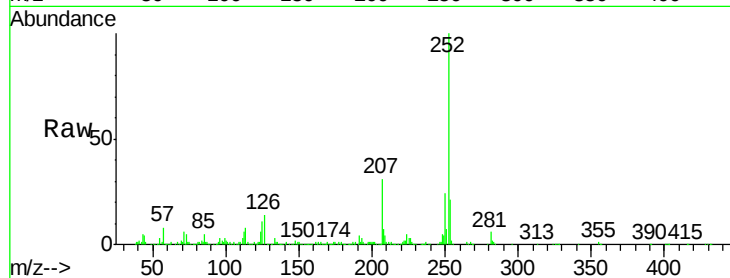
Tgt Ion:252 Resp: 412690

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

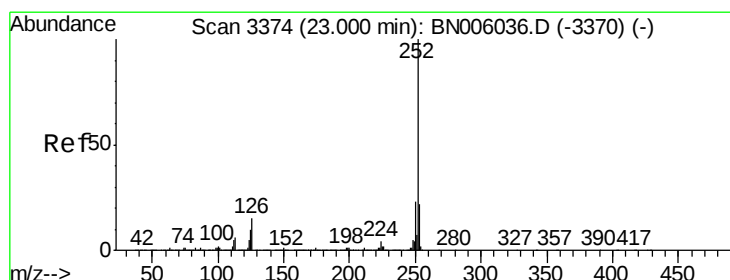
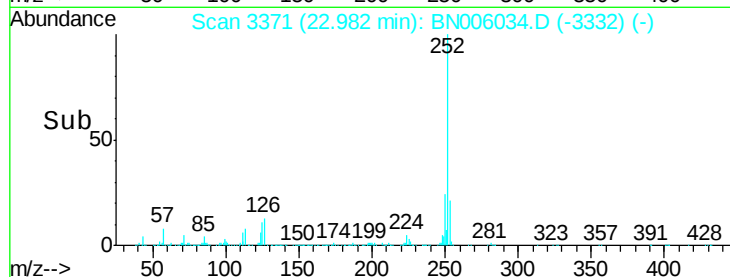
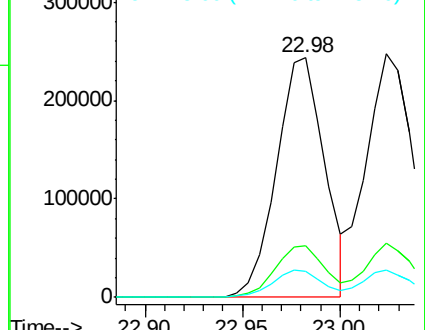
125 10.8 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 5.264 ng/ul

RT: 23.02 min Scan# 3378

Delta R.T. 0.02 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

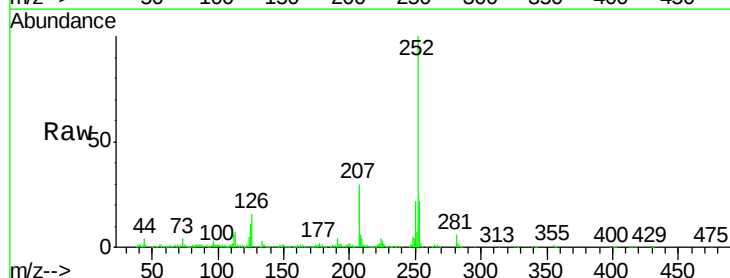
Tgt Ion:252 Resp: 421392

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

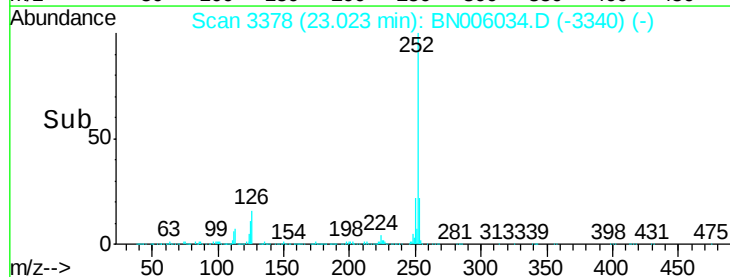
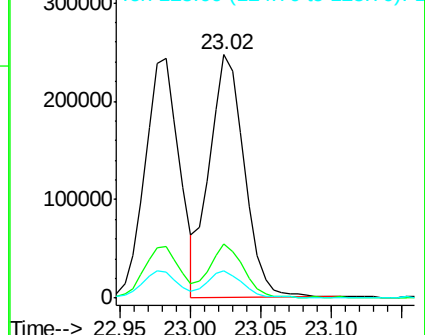
125 11.1 8.2 12.4

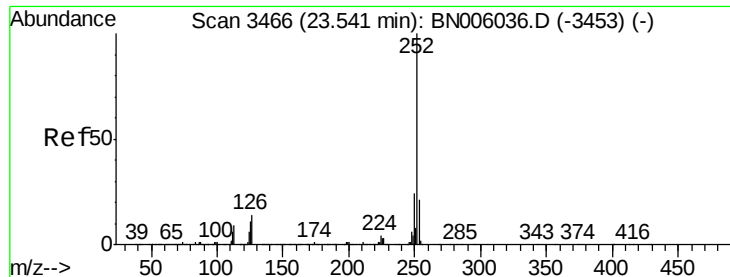


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 4.911 ng/ul

RT: 23.57 min Scan# 3471

Delta R.T. 0.03 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampled :

SSTD00588

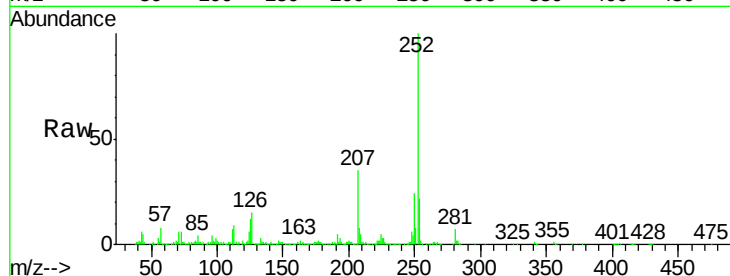
Tgt Ion:252 Resp: 403266

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

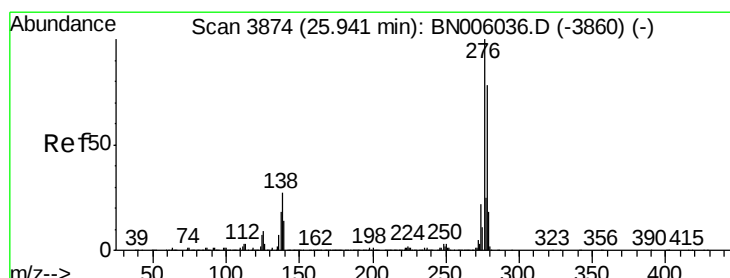
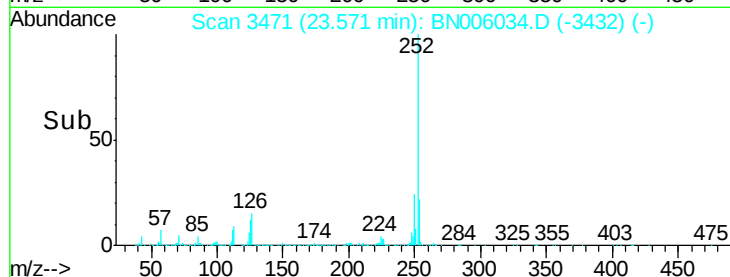
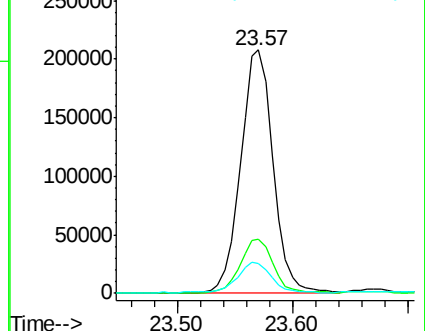
125 12.4 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 4.796 ng/ul

RT: 25.97 min Scan# 3879

Delta R.T. 0.03 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

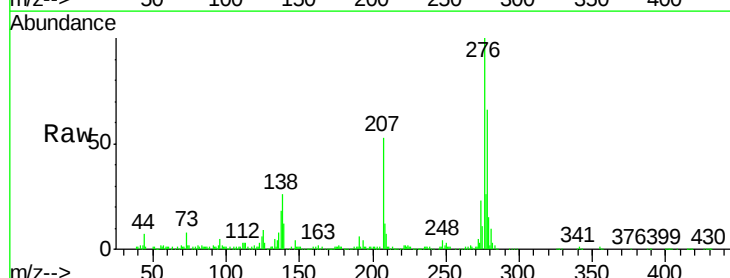
Tgt Ion:276 Resp: 462035

Ion Ratio Lower Upper

276 100

138 26.4 21.4 32.2

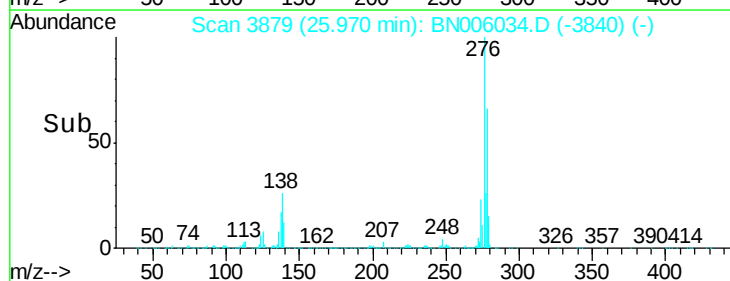
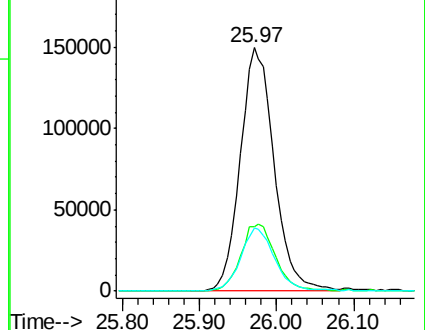
277 25.7 20.2 30.2

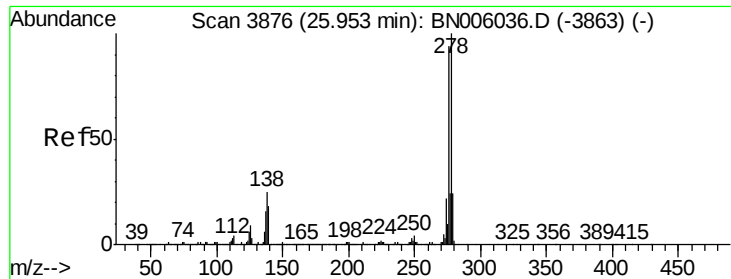


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 4.872 ng/ul

RT: 25.99 min Scan# 3882

Delta R.T. 0.04 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

Instrument :

BNA\_N

ClientSampleId :

SSTD00588

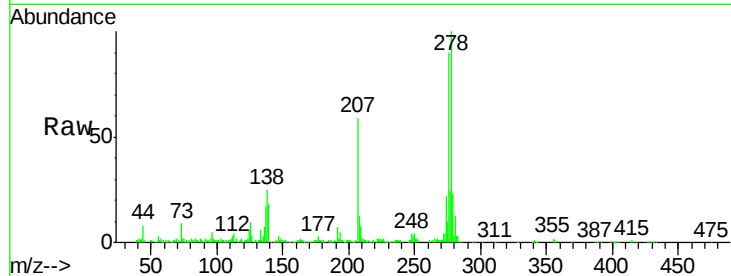
Tgt Ion:278 Resp: 390837

Ion Ratio Lower Upper

278 100

139 18.0 14.2 21.2

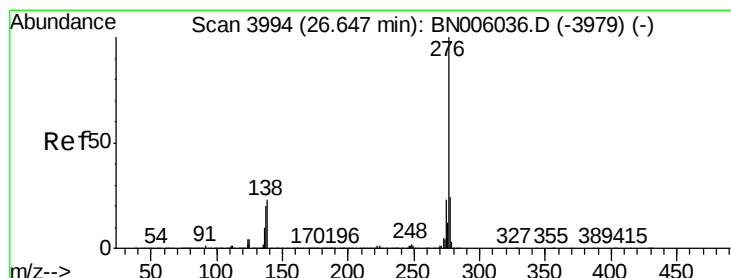
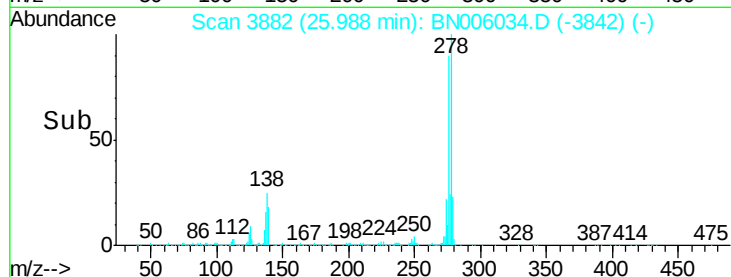
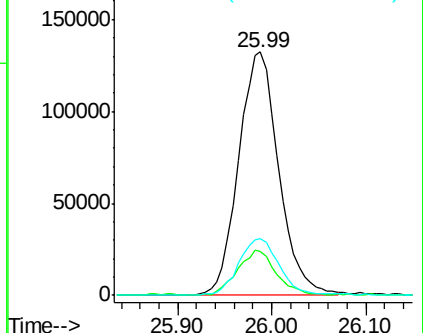
279 23.1 19.4 29.0



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



#93

Benzo(g,h,i)perylene

Concen: 4.665 ng/ul

RT: 26.68 min Scan# 3999

Delta R.T. 0.03 min

Lab File: BN006034.D

Acq: 03 Jun 2019 10:48

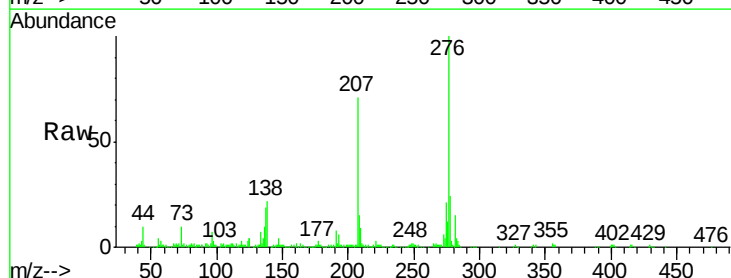
Tgt Ion:276 Resp: 378537

Ion Ratio Lower Upper

276 100

138 21.9 18.8 28.2

277 23.7 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

