

Data File : BN005487.D  
Acq On : 06 May 2019 11:19  
Operator : JU/SJ  
Sample : SSTDCCC020EC  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02098

Quant Time: May 07 05:39:41 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 07 05:36:07 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 310380   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 1312268  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 805530   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 1444143  | 20.00 | ng/ul | 0.10     |
| 77) Chrysene-d12          | 21.22 | 240  | 1176478  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.44 | 264  | 1297261  | 20.00 | ng/ul | 0.02     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 40938   | 6.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.78  | 99  | 440230  | 18.06 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 244671  | 16.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 364942  | 19.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 364388  | 19.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 183360  | 22.70 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 206348  | 25.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 401579  | 21.40 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 418687  | 21.63 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 1158235 | 19.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 1442736 | 20.09 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 169919  | 18.40 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.23 | 176 | 979861  | 19.97 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 505     | 0.08  | ng/ul | 0.11 |
| 70) Anthracene-d10             | 17.08 | 188 | 1441938 | 23.82 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.40 | 212 | 1327347 | 22.05 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.30 | 264 | 1126827 | 19.88 | ng/ul | 0.02 |

#### Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 45369   | 6.562  | ng/uL 100 |
| 4) Benzaldehyde                | 6.75  | 77  | 302484  | 17.510 | ng/ul 97  |
| 6) Phenol                      | 6.80  | 94  | 455017  | 18.147 | ng/ul 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.03  | 93  | 344247  | 17.146 | ng/ul 93  |
| 10) 2-Chlorophenol             | 7.16  | 128 | 369955  | 19.182 | ng/ul 94  |
| 11) 2-Methylphenol             | 8.03  | 108 | 357265  | 19.015 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.12  | 45  | 483027  | 14.329 | ng/ul 96  |
| 14) Acetophenone               | 8.40  | 105 | 587988  | 19.280 | ng/ul 98  |
| 15) N-Nitroso-di-n-propylamine | 8.39  | 70  | 286399  | 17.556 | ng/ul 88  |
| 16) 4-Methylphenol             | 8.36  | 108 | 384852  | 18.966 | ng/ul 95  |
| 17) Hexachloroethane           | 8.65  | 117 | 156279  | 18.659 | ng/ul 92  |
| 20) Nitrobenzene               | 8.78  | 77  | 421525  | 18.964 | ng/ul 94  |
| 21) Isophorone                 | 9.30  | 82  | 809577  | 18.395 | ng/ul 96  |
| 23) 2-Nitrophenol              | 9.48  | 139 | 214201  | 23.086 | ng/ul 98  |
| 24) 2,4-Dimethylphenol         | 9.55  | 107 | 445001  | 19.154 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.78  | 93  | 486667  | 17.596 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 10.01 | 162 | 380967  | 20.567 | ng/ul 98  |
| 28) Naphthalene                | 10.40 | 128 | 1199849 | 19.668 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.52 | 127 | 428422  | 21.730 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.69 | 225 | 274368  | 20.975 | ng/ul 98  |
| 32) Caprolactam                | 11.27 | 113 | 125372  | 22.370 | ng/ul 79  |
| 33) 4-Chloro-3-methylphenol    | 11.66 | 107 | 411887  | 19.747 | ng/ul 93  |
| 34) 2-Methylnaphthalene        | 12.02 | 142 | 891166  | 19.951 | ng/ul 98  |

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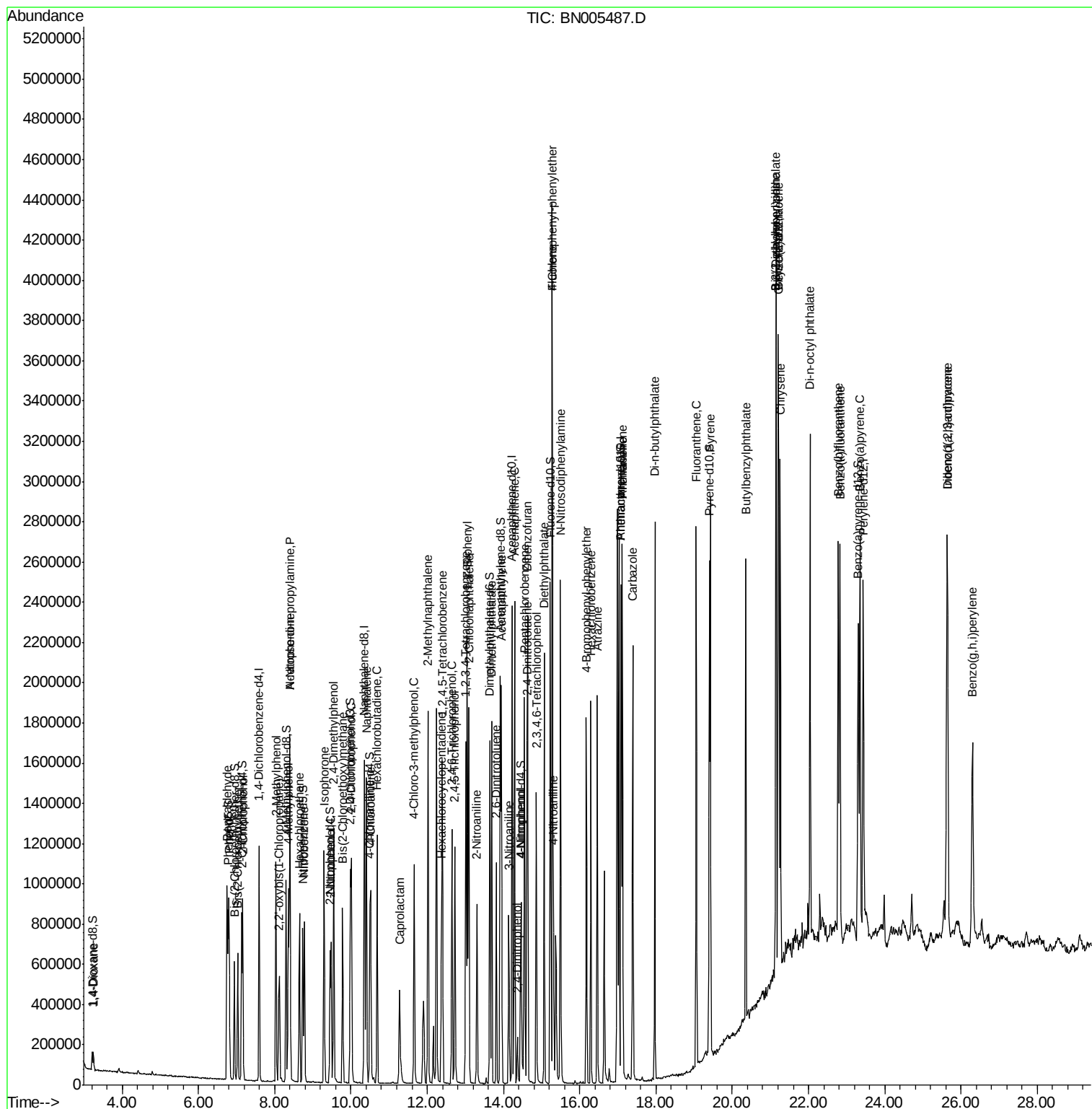
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216  | 519862   | 20.854 | ng/ul  | 97       |
| 37) Hexachlorocyclopentadiene  | 12.37 | 237  | 200296   | 11.784 | ng/ul  | 97       |
| 38) 2,4,6-Trichlorophenol      | 12.65 | 196  | 323356   | 21.511 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.72 | 196  | 344835   | 21.348 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.05 | 154  | 1160516  | 19.336 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.09 | 162  | 913267   | 19.784 | ng/ul  | 96       |
| 42) 2-Nitroaniline             | 13.30 | 65   | 255099   | 20.836 | ng/ul  | 88       |
| 44) Dimethylphthalate          | 13.69 | 163  | 1130138  | 19.396 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.82 | 165  | 239152   | 23.771 | ng/ul  | 87       |
| 47) Acenaphthylene             | 13.95 | 152  | 1387260  | 19.655 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.14 | 138  | 216531   | 23.151 | ng/ul  | 90       |
| 49) Acenaphthene               | 14.29 | 153  | 948493   | 19.685 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.36 | 184  | 57082    | 11.648 | ng/ul  | 90       |
| 52) 4-Nitrophenol              | 14.47 | 109  | 138172   | 16.487 | ng/ul  | 96       |
| 53) Dibenzofuran               | 14.63 | 168  | 1369006  | 19.734 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.61 | 165  | 333429   | 22.990 | ng/ul  | 95       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.86 | 232  | 293095   | 21.811 | ng/ul# | 94       |
| 56) Diethylphthalate           | 15.07 | 149  | 1137379  | 19.468 | ng/ul  | 99       |
| 58) Fluorene                   | 15.29 | 166  | 1085588  | 20.054 | ng/ul  | 96       |
| 59) 4-Chlorophenyl-phenylether | 15.28 | 204  | 586028   | 20.407 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.31 | 138  | 244281   | 20.950 | ng/ul  | 94       |
| 64) N-Nitrosodiphenylamine     | 15.50 | 169  | 956716   | 24.205 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.18 | 248  | 374205   | 25.721 | ng/ul  | 93       |
| 66) Hexachlorobenzene          | 16.29 | 284  | 403122   | 26.021 | ng/ul  | 93       |
| 67) Atrazine                   | 16.46 | 200  | 363221   | 24.684 | ng/ul  | 95       |
| 69) Phenanthrene               | 17.12 | 178  | 1673995  | 23.801 | ng/ul  | 99       |
| 71) Anthracene                 | 17.12 | 178  | 1671727  | 23.333 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.02 | 216  | 528343   | 25.047 | ng/ul  | 97       |
| 73) Pentachlorobenzene         | 14.55 | 250  | 488297   | 25.720 | ng/ul  | 99       |
| 74) Carbazole                  | 17.39 | 167  | 1398156  | 22.717 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 17.97 | 149  | 1889138  | 24.463 | ng/ul  | 100      |
| 76) Fluoranthene               | 19.06 | 202  | 1698796  | 21.776 | ng/ul# | 95       |
| 79) Pyrene                     | 19.43 | 202  | 1646161  | 21.732 | ng/ul# | 93       |
| 80) Butylbenzylphthalate       | 20.36 | 149  | 710334   | 23.685 | ng/ul  | 92       |
| 81) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 500806   | 21.306 | ng/ul# | 98       |
| 82) Benzo(a)anthracene         | 21.20 | 228  | 1413236  | 19.309 | ng/ul  | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 1015362  | 21.987 | ng/ul# | 95       |
| 84) Chrysene                   | 21.26 | 228  | 1332340  | 19.615 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.04 | 149  | 1606650  | 20.221 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.78 | 252  | 1393588  | 19.111 | ng/ul# | 98       |
| 88) Benzo(k)fluoranthene       | 22.83 | 252  | 1333060  | 19.141 | ng/ul  | 98       |
| 90) Benzo(a)pyrene             | 23.34 | 252  | 1349035  | 19.681 | ng/ul# | 97       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.63 | 276  | 1578590  | 20.830 | ng/ul  | 95       |
| 92) Dibenzo(a,h)anthracene     | 25.64 | 278  | 1340657  | 20.845 | ng/ul# | 95       |
| 93) Benzo(g,h,i)perylene       | 26.30 | 276  | 1321917  | 21.096 | ng/ul# | 93       |

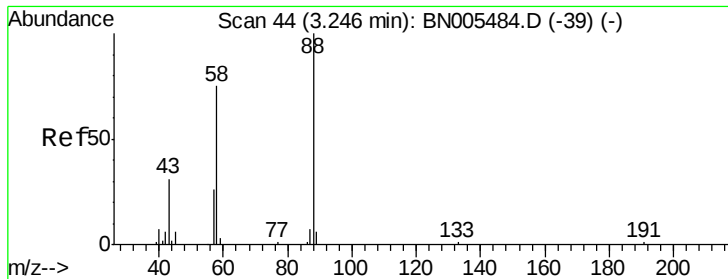
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 6.562 ng/uL

RT: 3.25 min Scan# 44

Delta R.T. -0.00 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

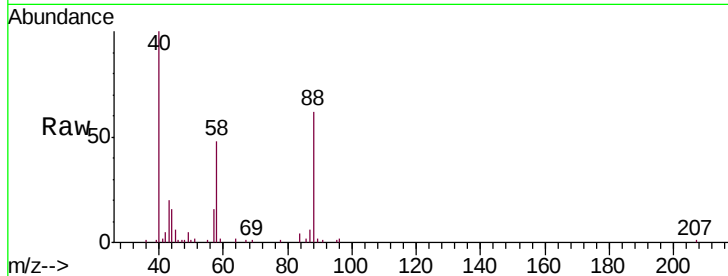
Tgt Ion: 88 Resp: 45369

Ion Ratio Lower Upper

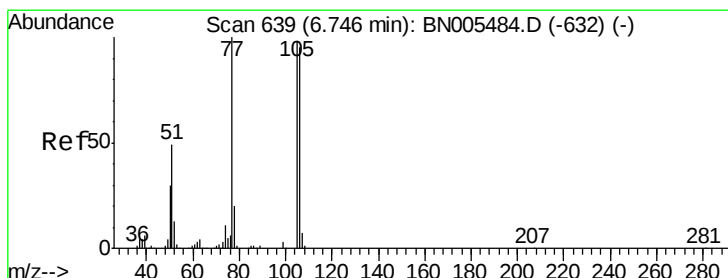
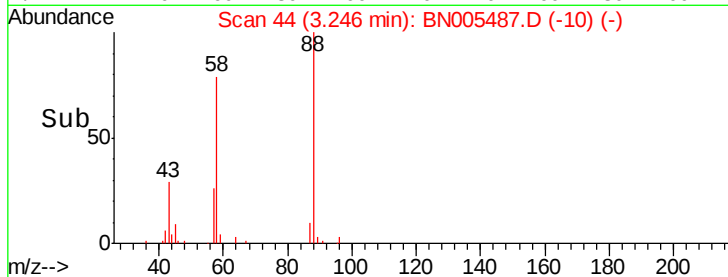
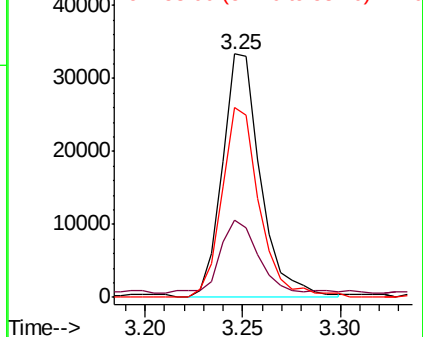
88 100

43 31.7 25.3 37.9

58 78.1 62.3 93.5



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: 17.510 ng/uL

RT: 6.75 min Scan# 640

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

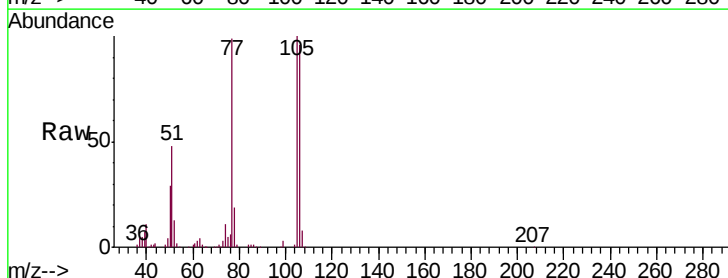
Tgt Ion: 77 Resp: 302484

Ion Ratio Lower Upper

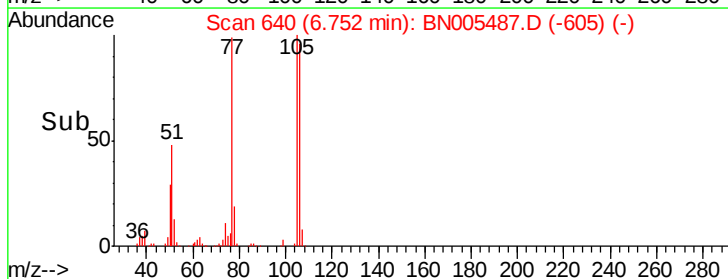
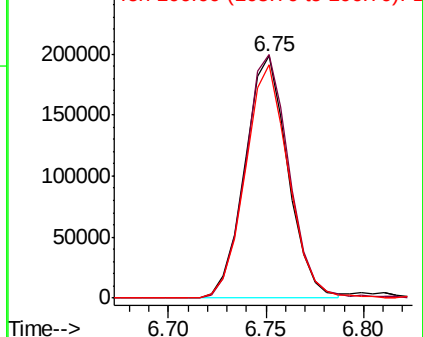
77 100

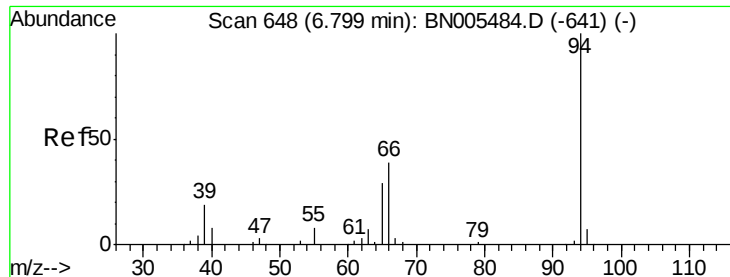
105 100.6 77.4 116.2

106 96.6 76.3 114.5



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





#6

Phenol

Concen: 18.147 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

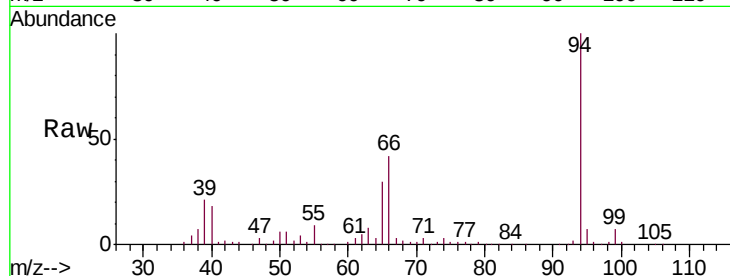
Tgt Ion: 94 Resp: 455017

Ion Ratio Lower Upper

94 100

65 30.0 24.2 36.4

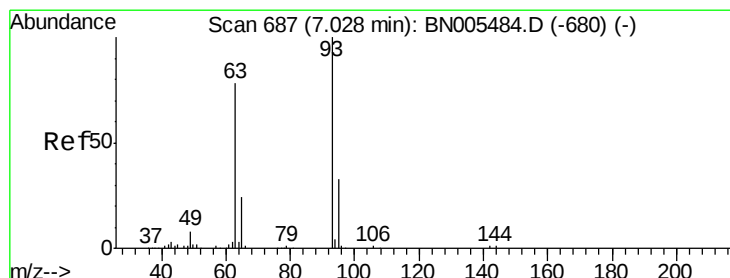
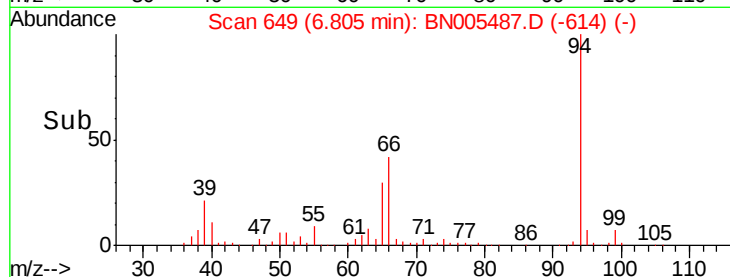
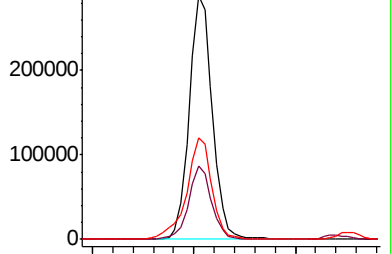
66 41.9 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005484.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BN005484.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BN005484.D (-641) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 17.146 ng/ul

RT: 7.03 min Scan# 687

Delta R.T. -0.00 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

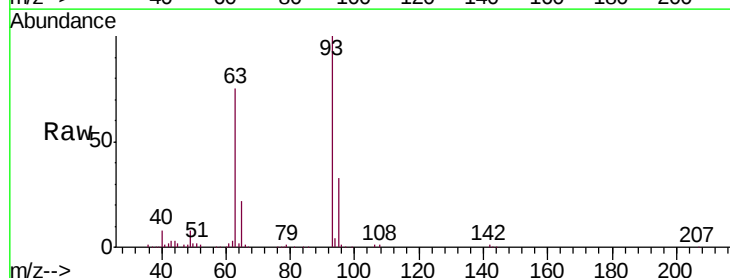
Tgt Ion: 93 Resp: 344247

Ion Ratio Lower Upper

93 100

63 75.0 67.1 100.7

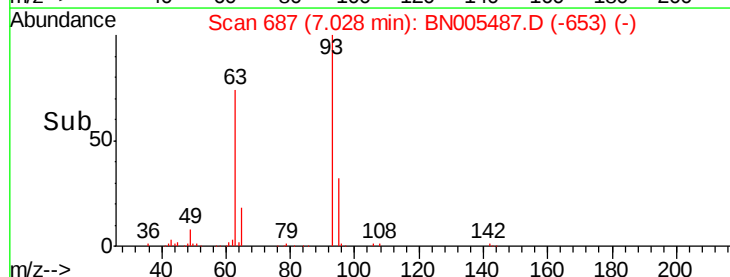
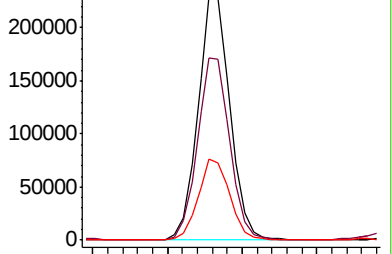
95 33.1 26.9 40.3

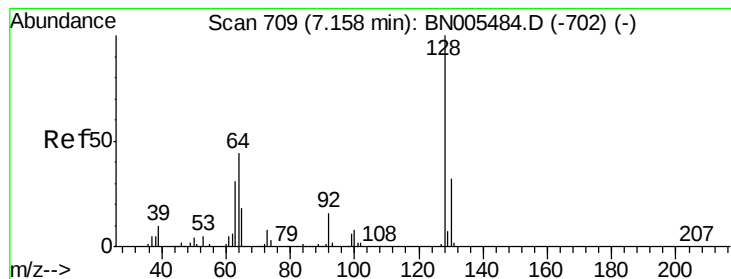


Abundance Ion 93.00 (92.70 to 93.70): BN005484.D (-680) (-)

Ion 63.00 (62.70 to 63.70): BN005484.D (-680) (-)

Ion 95.00 (94.70 to 95.70): BN005484.D (-680) (-)





#10

2-Chlorophenol

Concen: 19.182 ng/ul

RT: 7.16 min Scan# 710

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

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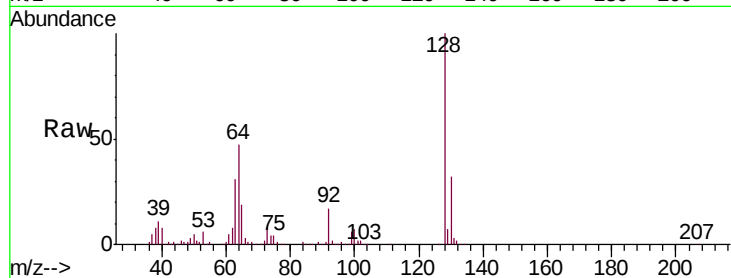
Tgt Ion:128 Resp: 369955

Ion Ratio Lower Upper

128 100

64 47.3 42.3 63.5

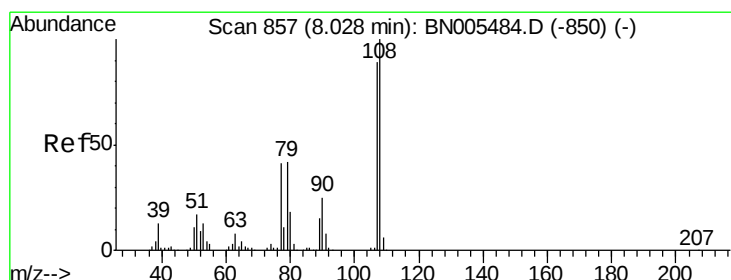
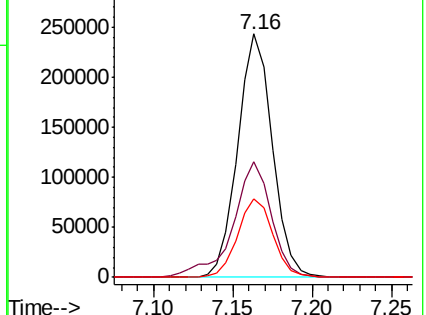
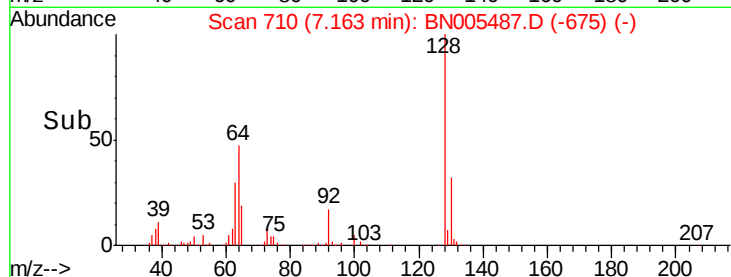
130 32.1 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.015 ng/ul

RT: 8.03 min Scan# 858

Delta R.T. 0.01 min

Lab File: BN005487.D

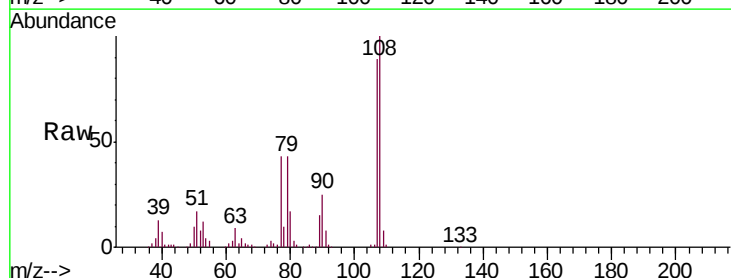
Acq: 06 May 2019 11:19

Tgt Ion:108 Resp: 357265

Ion Ratio Lower Upper

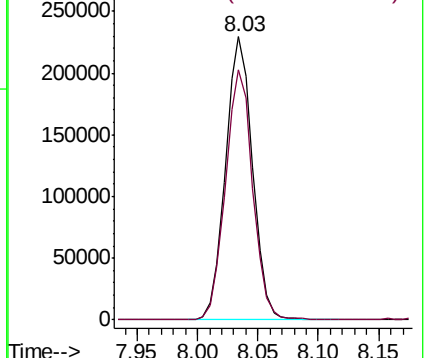
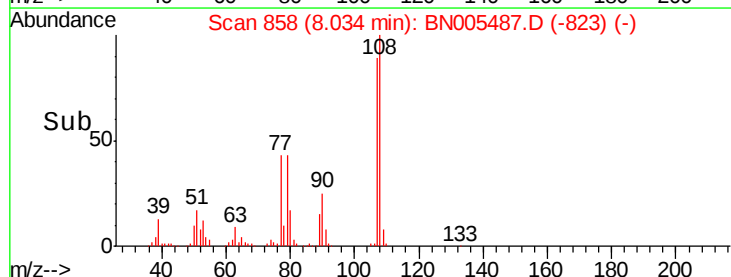
108 100

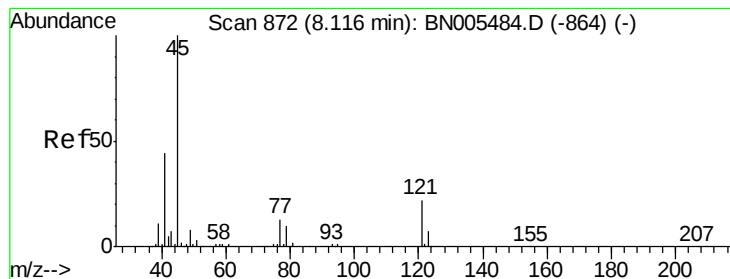
107 88.6 72.9 109.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 14.329 ng/ul

RT: 8.12 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN005487.D

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Instrument :

BNA\_N

ClientSampleId :

SSTD02098

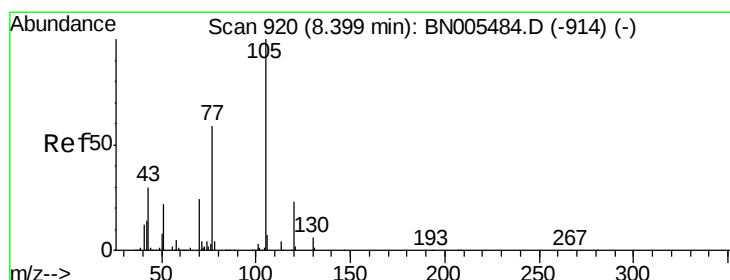
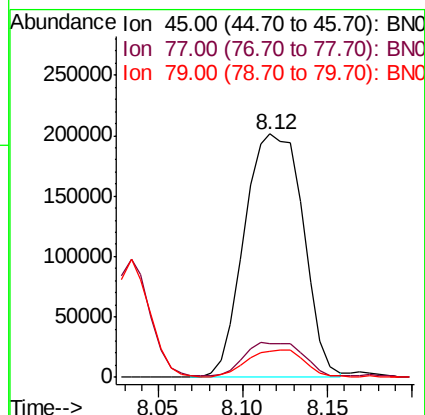
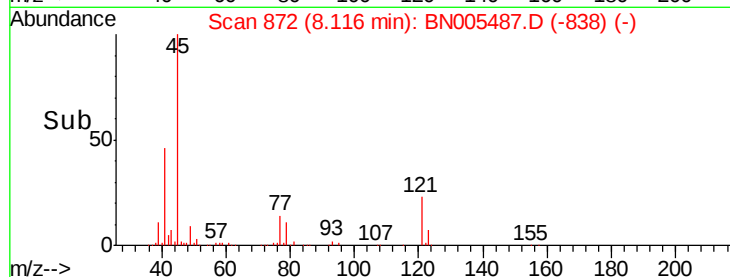
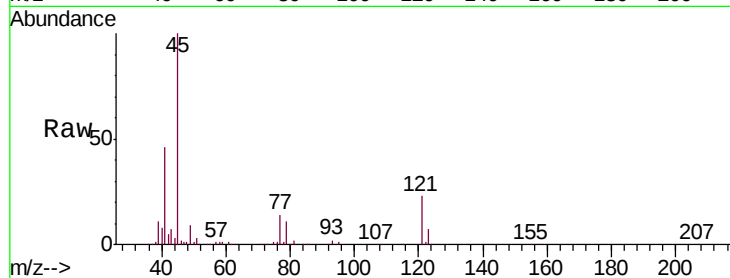
Tgt Ion: 45 Resp: 483027

Ion Ratio Lower Upper

45 100

77 13.9 9.8 14.6

79 10.7 7.4 11.0



#14

Acetophenone

Concen: 19.280 ng/ul

RT: 8.40 min Scan# 921

Delta R.T. 0.01 min

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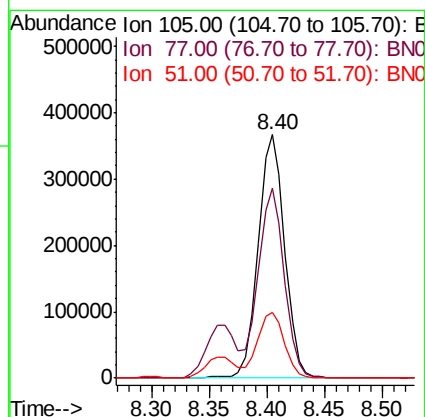
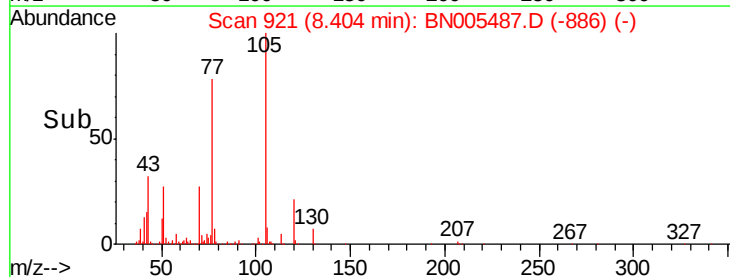
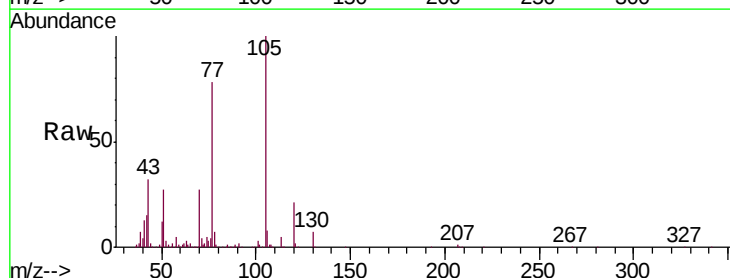
Tgt Ion: 105 Resp: 587988

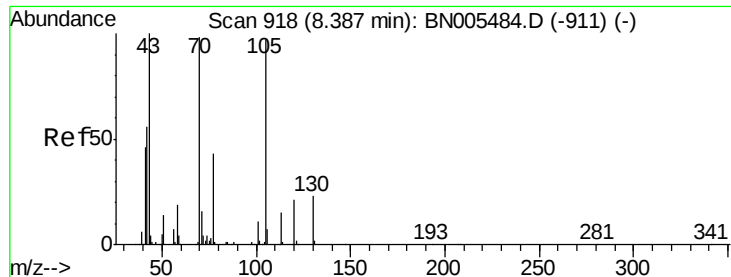
Ion Ratio Lower Upper

105 100

77 78.2 63.4 95.0

51 27.2 24.2 36.4





#15

N-Nitroso-di-n-propylamine

Concen: 17.556 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

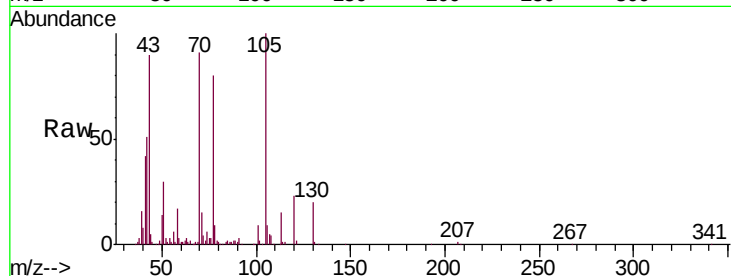
BNA\_N

ClientSampleId :

SSTD02098

Tgt Ion: 70 Resp: 286399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 56.2  | 53.8  | 80.8  |
| 101 | 10.2  | 7.7   | 11.5  |
| 130 | 22.4  | 15.0  | 22.4  |

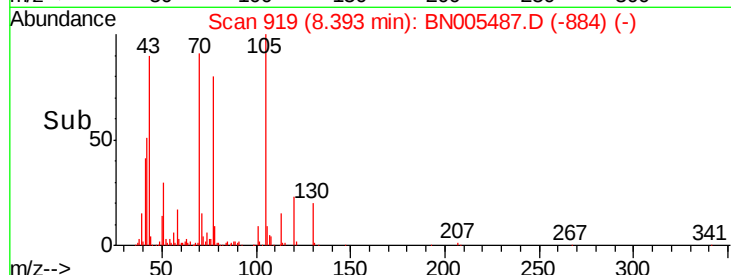
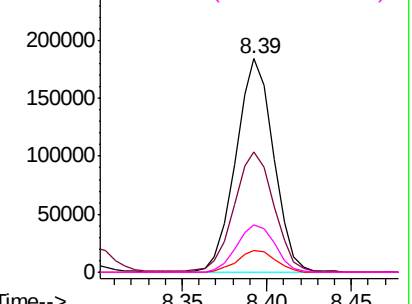


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 18.966 ng/ul

RT: 8.36 min Scan# 914

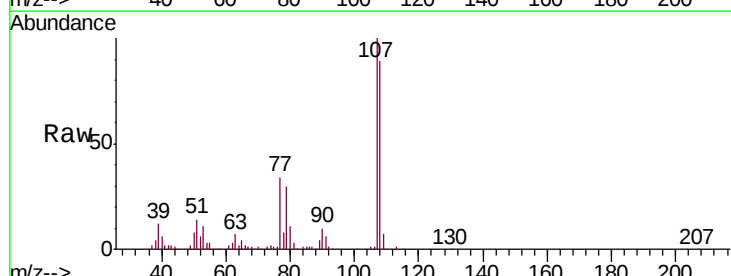
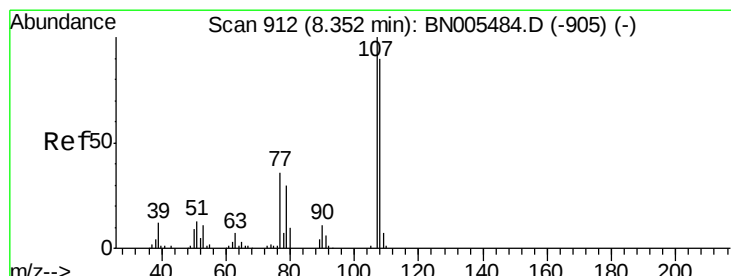
Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

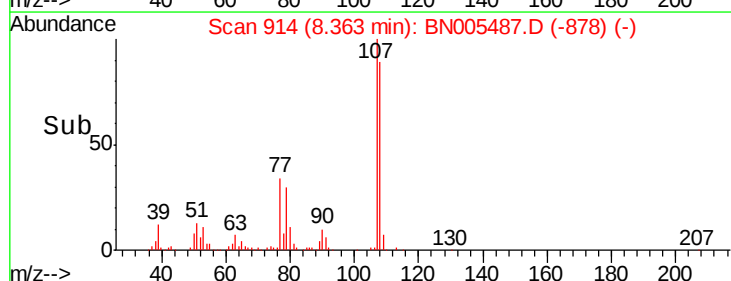
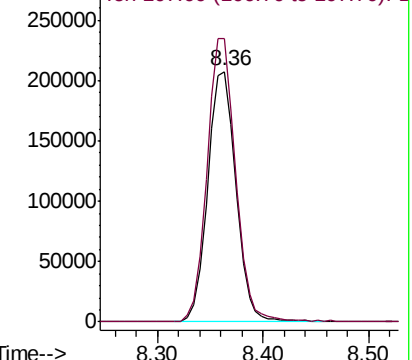
Tgt Ion: 108 Resp: 384852

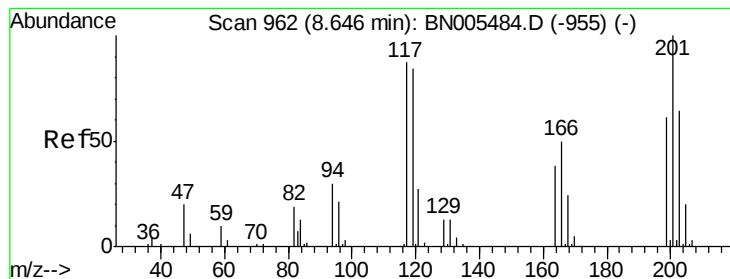
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 108 | 100   |       |       |
| 107 | 112.9 | 86.1  | 129.1 |



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 18.659 ng/ul

RT: 8.65 min Scan# 963

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampled :

SSTD02098

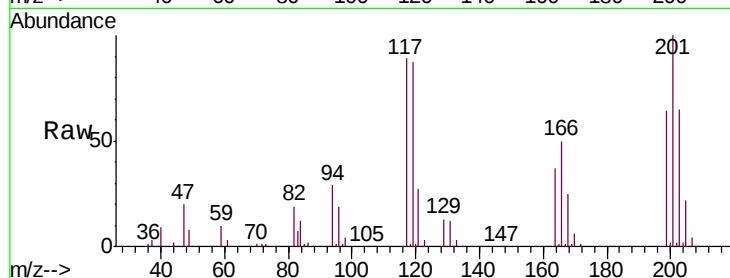
Tgt Ion:117 Resp: 156279

Ion Ratio Lower Upper

117 100

201 112.0 84.1 126.1

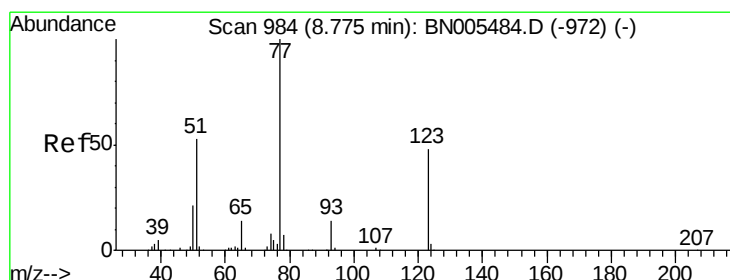
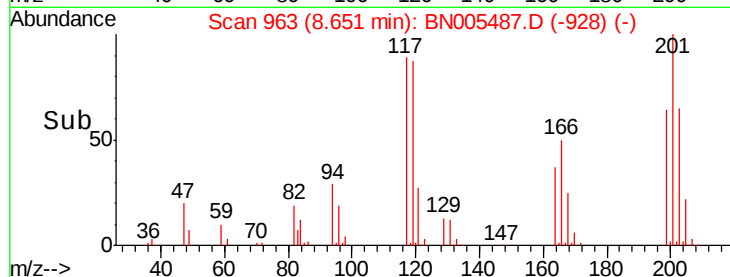
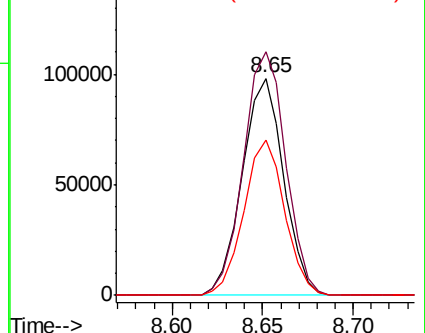
199 71.2 51.2 76.8



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: 18.964 ng/ul

RT: 8.78 min Scan# 984

Delta R.T. -0.00 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

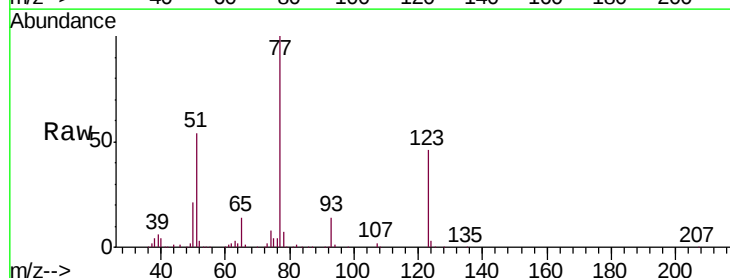
Tgt Ion: 77 Resp: 421525

Ion Ratio Lower Upper

77 100

123 45.6 32.6 49.0

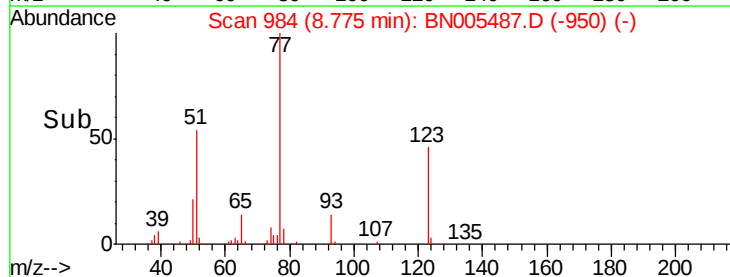
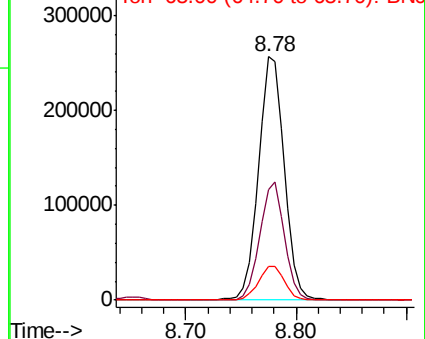
65 13.6 11.6 17.4

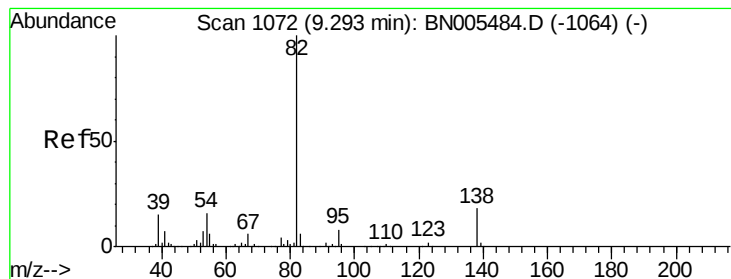


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 18.395 ng/ul

RT: 9.30 min Scan# 1073

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

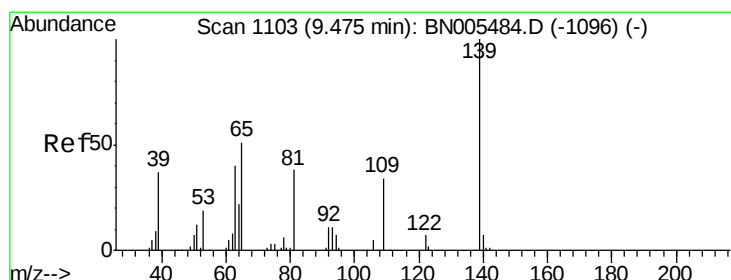
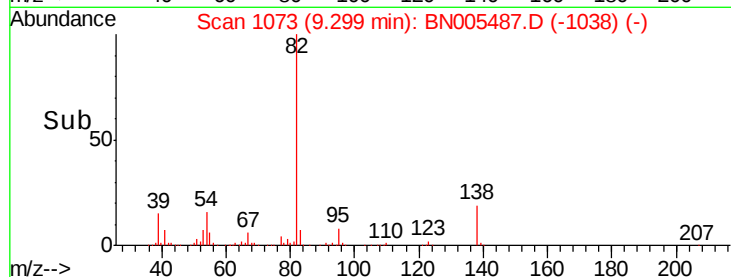
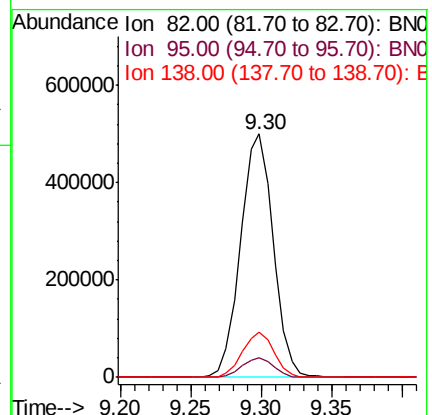
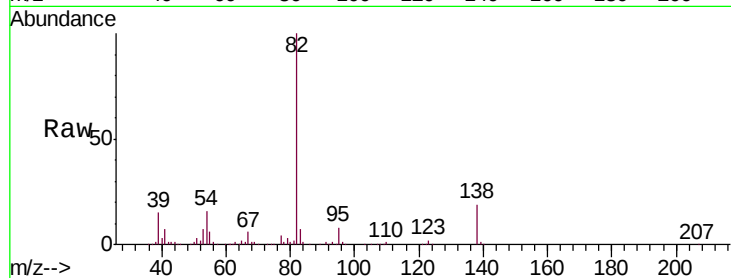
Tgt Ion: 82 Resp: 809577

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

138 18.6 13.2 19.8



#23

2-Nitrophenol

Concen: 23.086 ng/ul

RT: 9.48 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

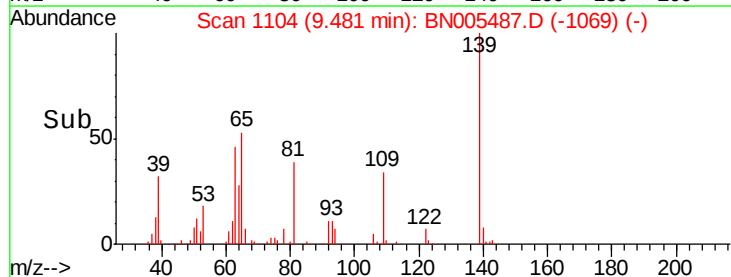
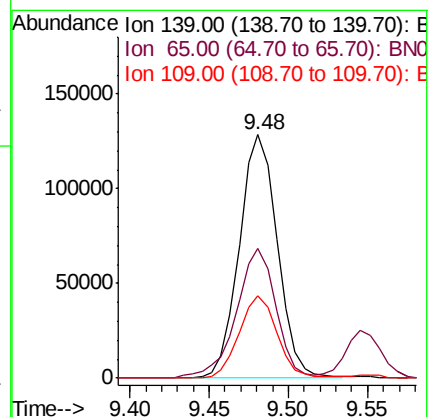
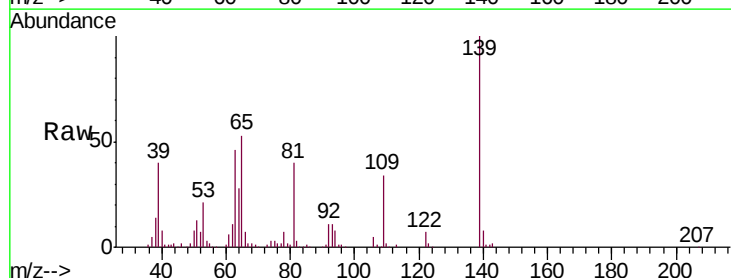
Tgt Ion: 139 Resp: 214201

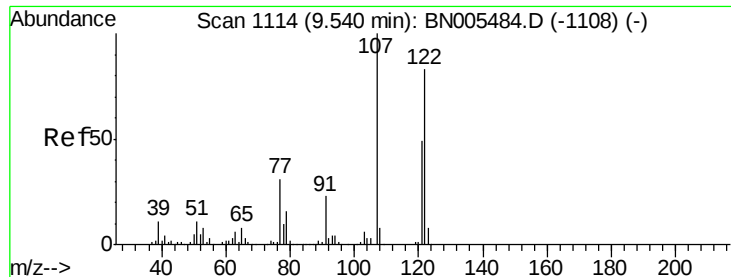
Ion Ratio Lower Upper

139 100

65 53.1 44.2 66.4

109 33.6 26.8 40.2





#24

2,4-Dimethylphenol

Concen: 19.154 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

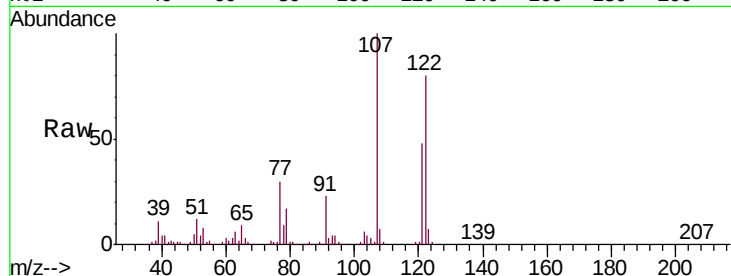
Tgt Ion: 107 Resp: 445001

Ion Ratio Lower Upper

107 100

121 47.8 37.8 56.8

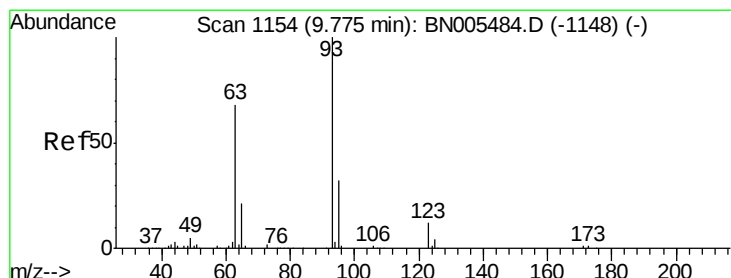
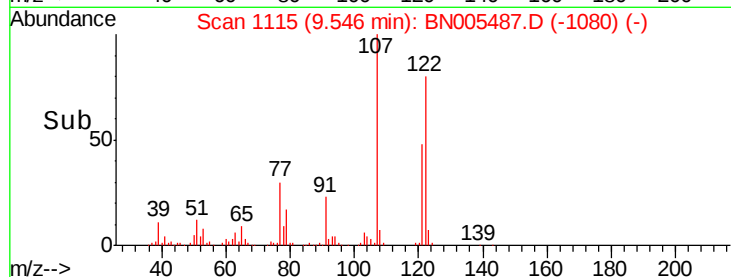
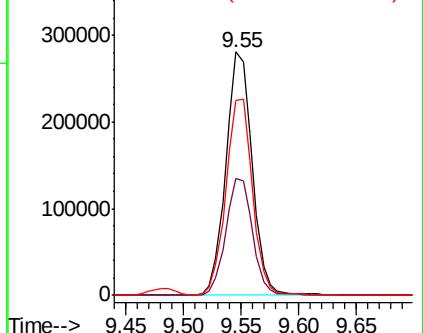
122 80.0 65.0 97.4



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: 17.596 ng/ul

RT: 9.78 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

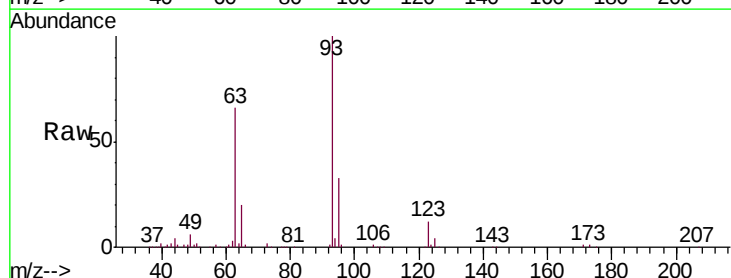
Tgt Ion: 93 Resp: 486667

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

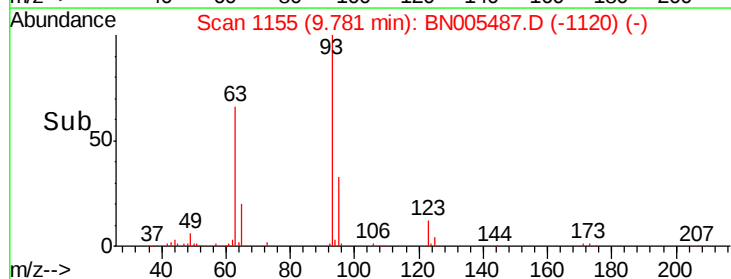
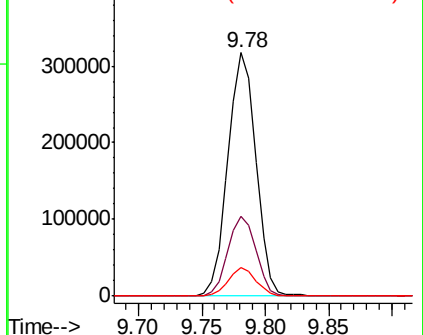
123 11.9 8.9 13.3

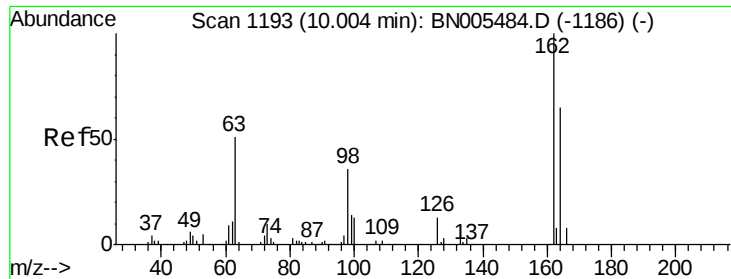


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

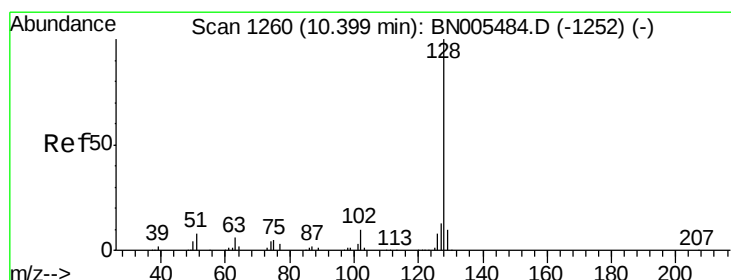
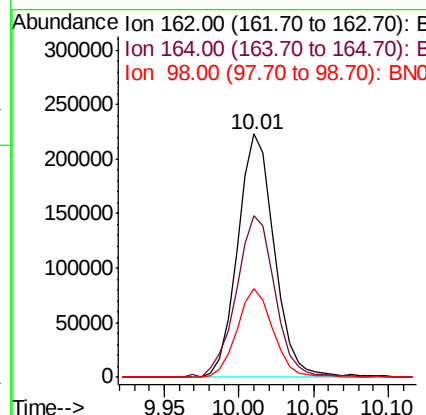
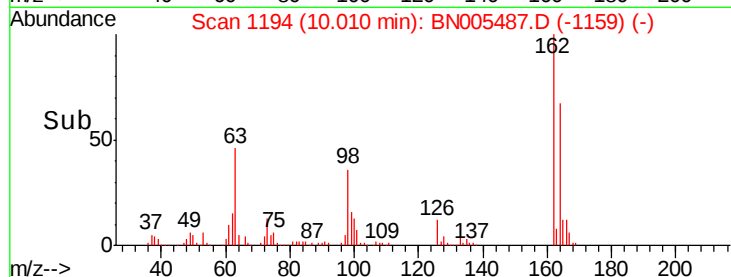
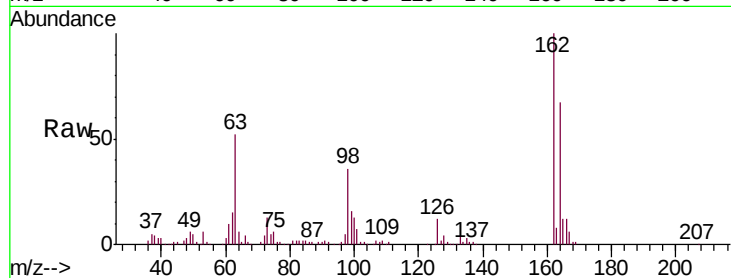




#27  
2,4-Dichlorophenol  
Concen: 20.567 ng/ul  
RT: 10.01 min Scan# 1194  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

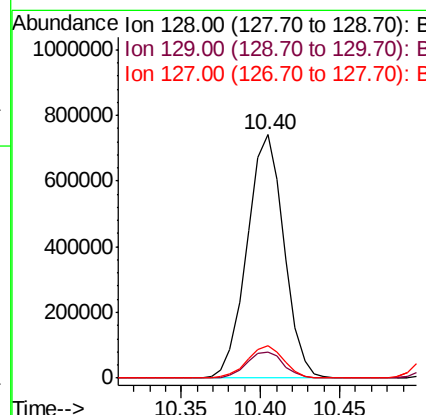
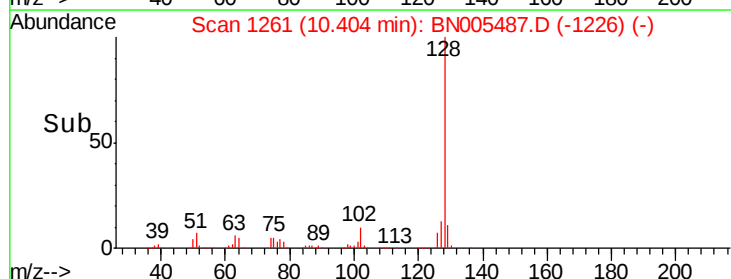
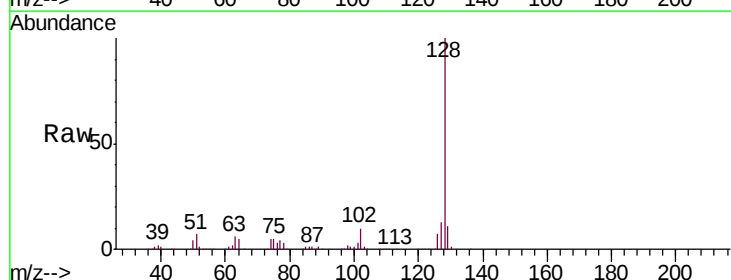
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02098

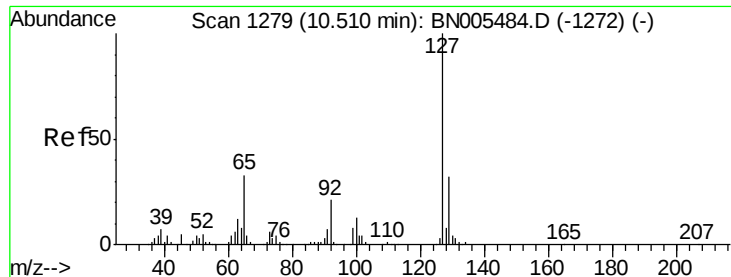
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.6  | 52.6  | 79.0  |
| 98      | 36.3  | 30.8  | 46.2  |



#28  
Naphthalene  
Concen: 19.668 ng/ul  
RT: 10.40 min Scan# 1261  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 9.2   | 13.8  |
| 127     | 13.2  | 10.7  | 16.1  |

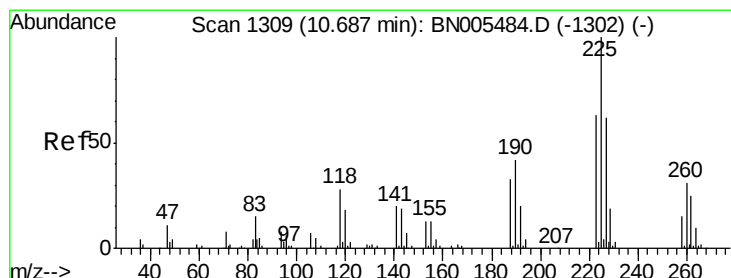
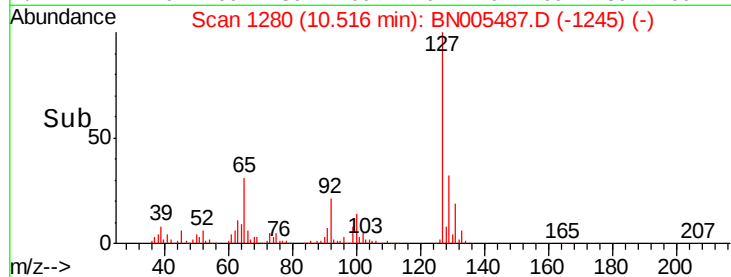
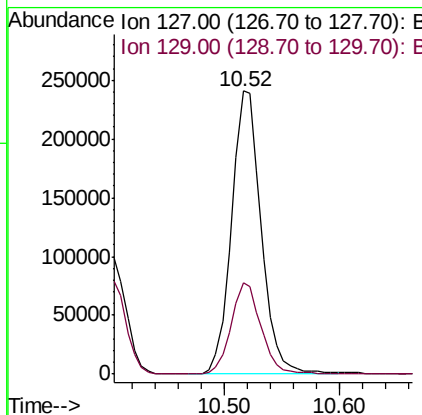
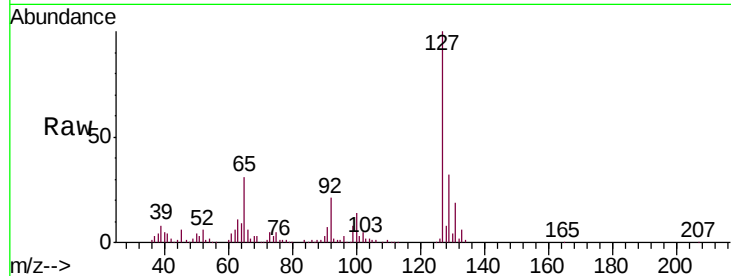




#30  
4-Chloroaniline  
Concen: 21.730 ng/ul  
RT: 10.52 min Scan# 1280  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

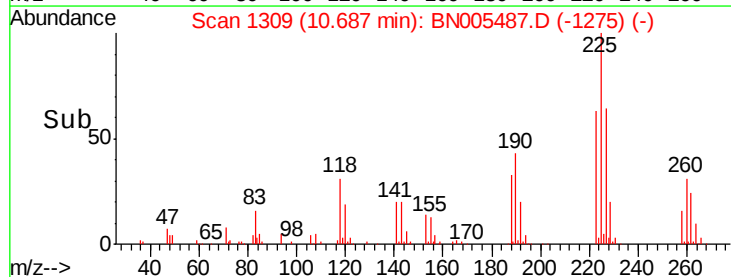
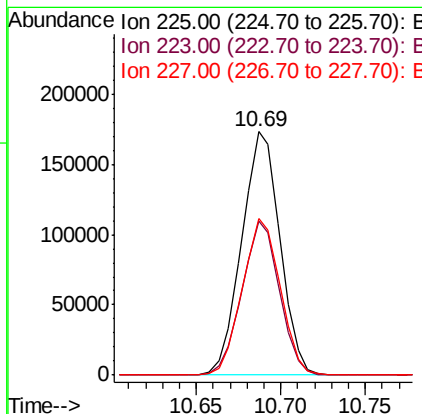
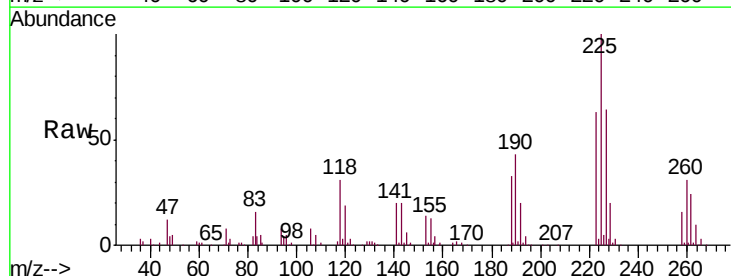
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02098

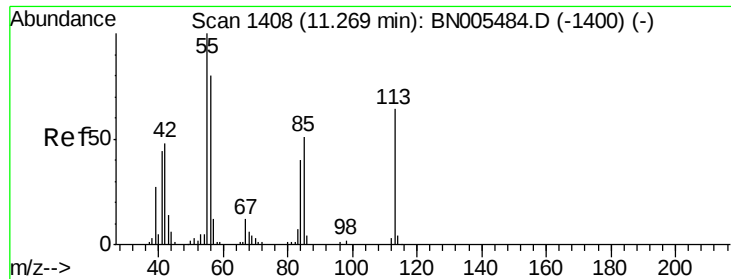
Tgt Ion:127 Resp: 428422  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.8 38.6



#31  
Hexachlorobutadiene  
Concen: 20.975 ng/ul  
RT: 10.69 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

Tgt Ion:225 Resp: 274368  
Ion Ratio Lower Upper  
225 100  
223 63.2 48.5 72.7  
227 64.3 51.0 76.6





#32

Caprolactam

Concen: 22.370 ng/ul

RT: 11.27 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

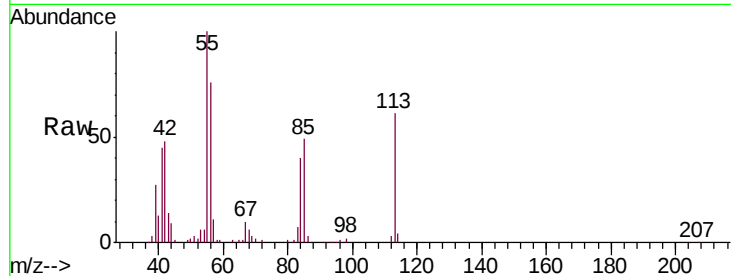
Tgt Ion:113 Resp: 125372

Ion Ratio Lower Upper

113 100

55 163.1 157.0 235.4

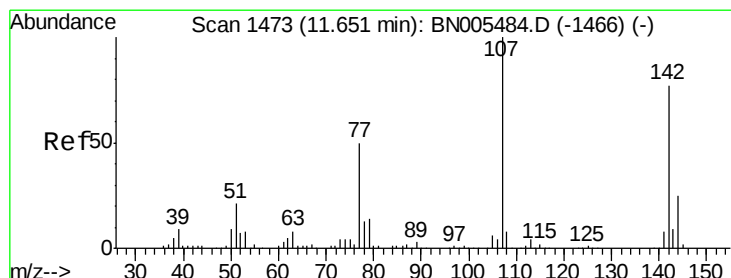
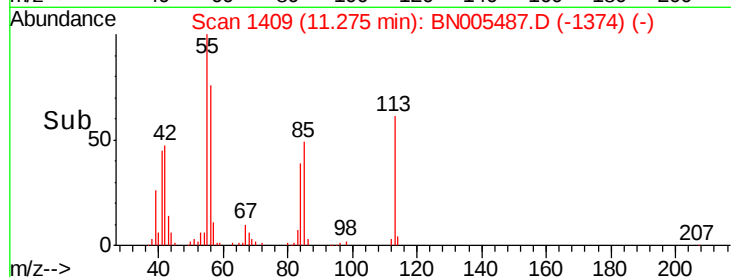
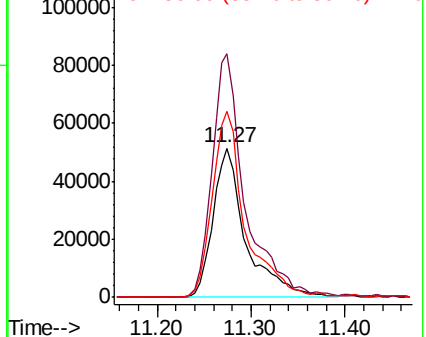
56 124.6 119.1 178.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 19.747 ng/ul

RT: 11.66 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

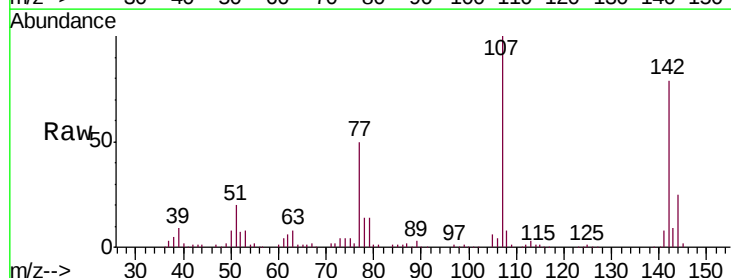
Tgt Ion:107 Resp: 411887

Ion Ratio Lower Upper

107 100

144 25.2 19.4 29.0

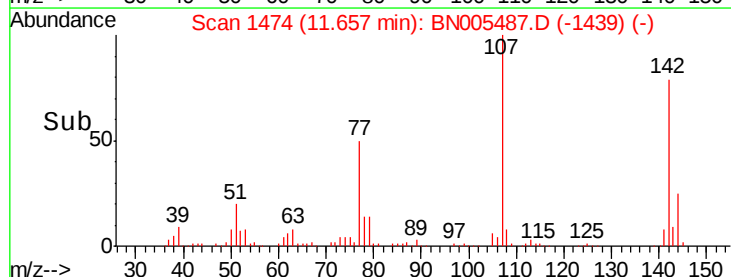
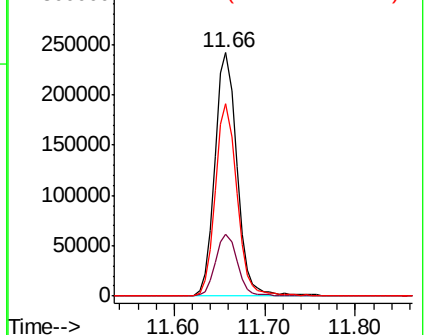
142 79.0 57.7 86.5

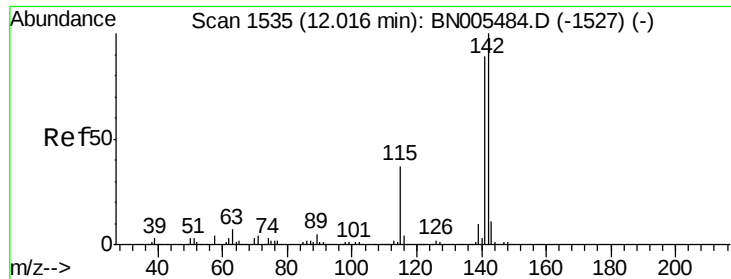


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

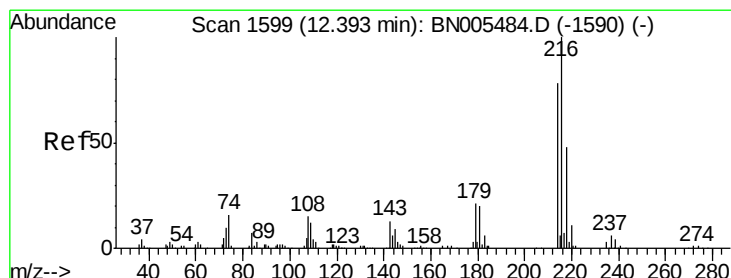
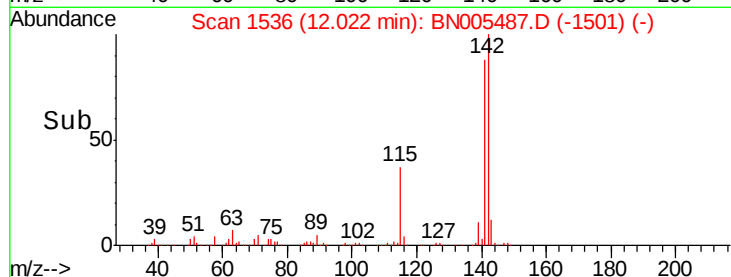
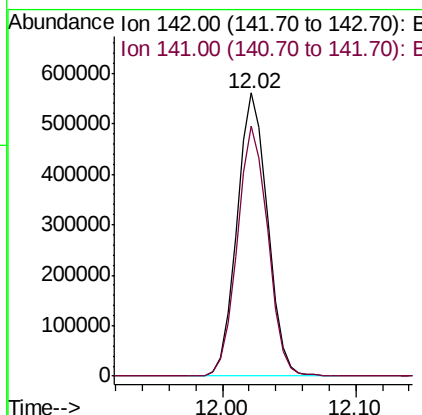
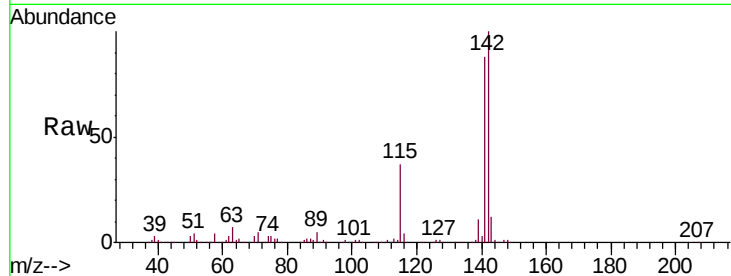




#34  
 2-Methylnaphthalene  
 Concen: 19.951 ng/ul  
 RT: 12.02 min Scan# 1536  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

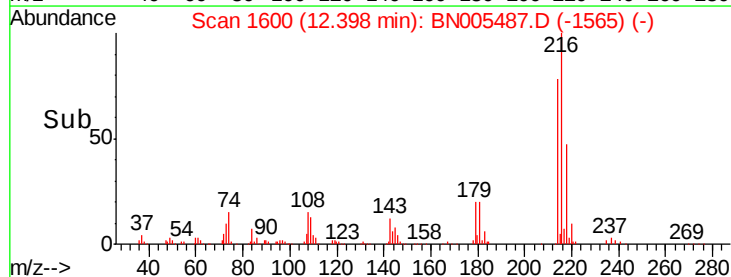
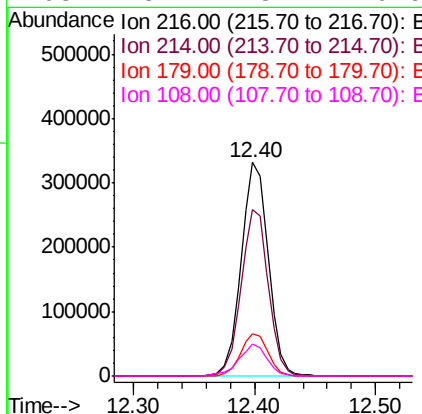
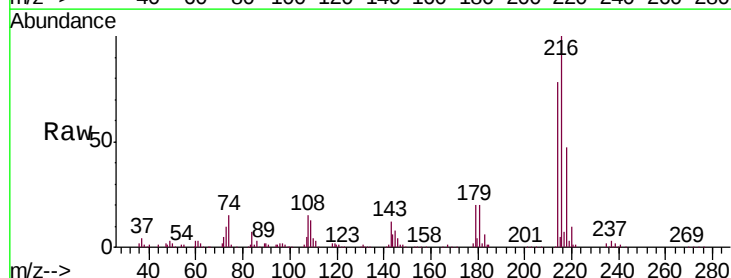
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02098

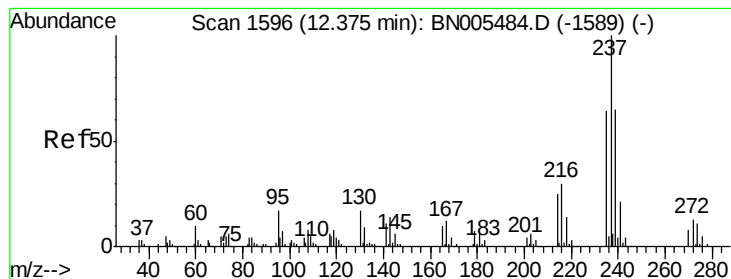
Tgt Ion:142 Resp: 891166  
 Ion Ratio Lower Upper  
 142 100  
 141 88.3 72.0 108.0



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.854 ng/ul  
 RT: 12.40 min Scan# 1600  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

Tgt Ion:216 Resp: 519862  
 Ion Ratio Lower Upper  
 216 100  
 214 78.1 64.1 96.1  
 179 19.6 17.4 26.0  
 108 15.2 13.7 20.5





#37

Hexachlorocyclopentadiene

Concen: 11.784 ng/ul

RT: 12.37 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

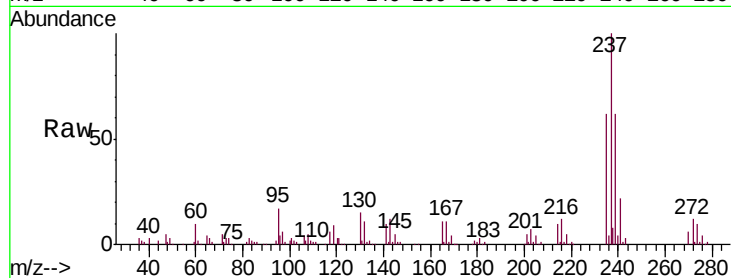
Tgt Ion:237 Resp: 200296

Ion Ratio Lower Upper

237 100

235 61.9 51.1 76.7

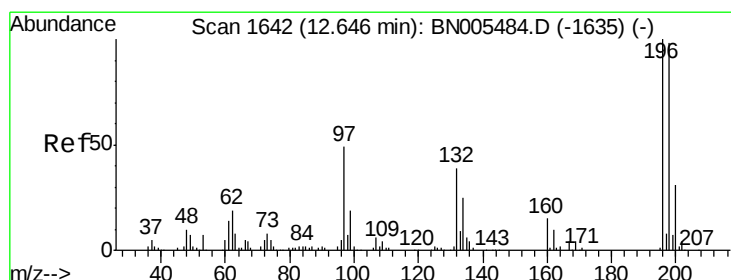
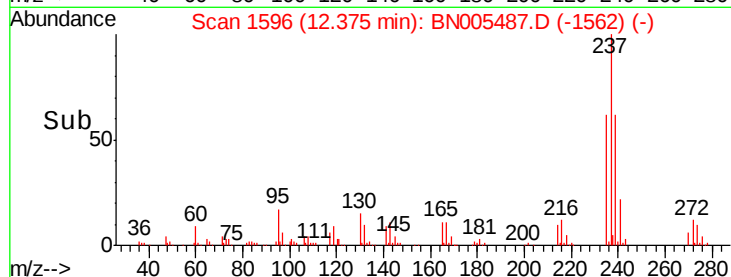
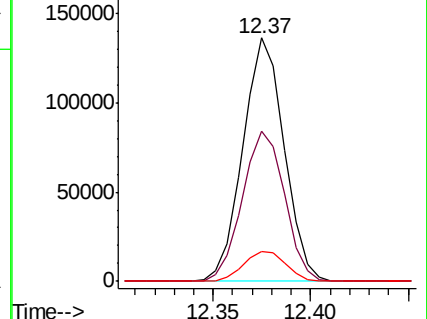
272 13.2 9.5 14.3



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: 21.511 ng/ul

RT: 12.65 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

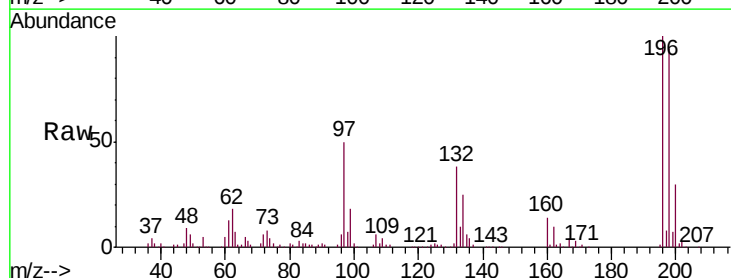
Tgt Ion:196 Resp: 323356

Ion Ratio Lower Upper

196 100

198 94.3 74.8 112.2

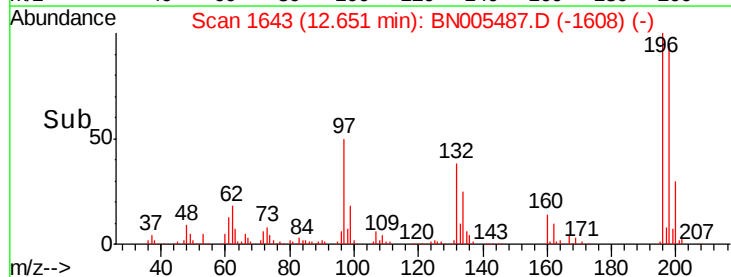
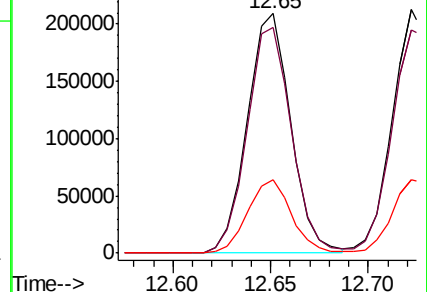
200 30.4 23.5 35.3

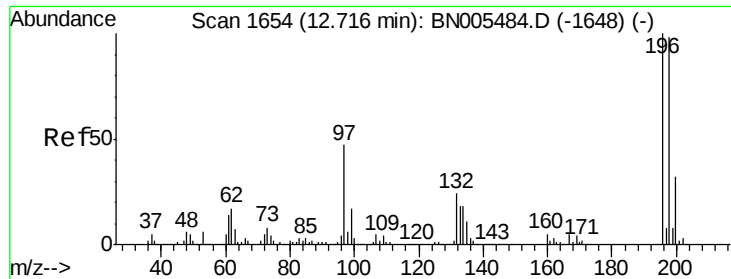


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

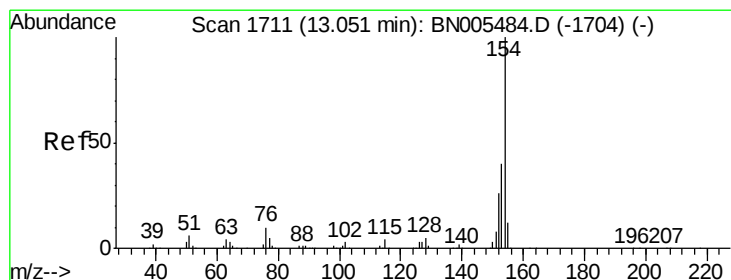
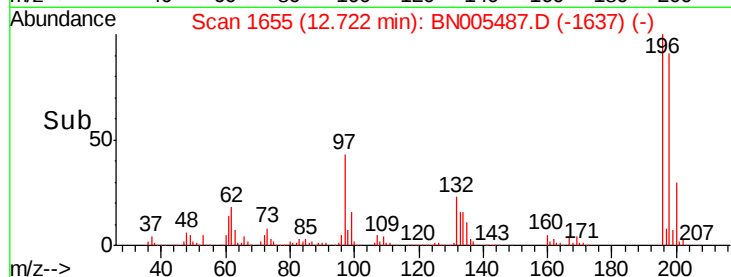
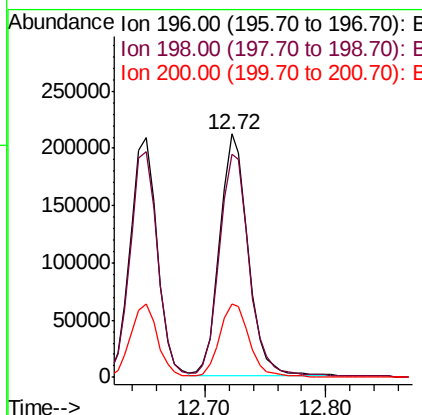
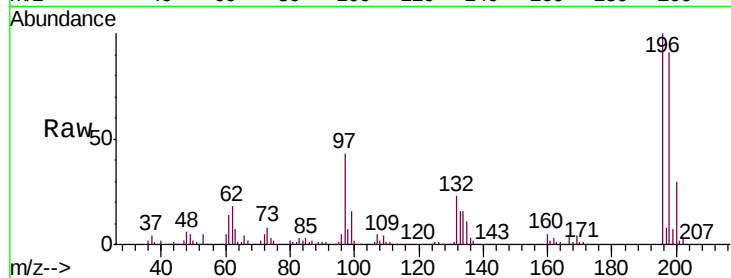




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.348 ng/ul  
 RT: 12.72 min Scan# 1655  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

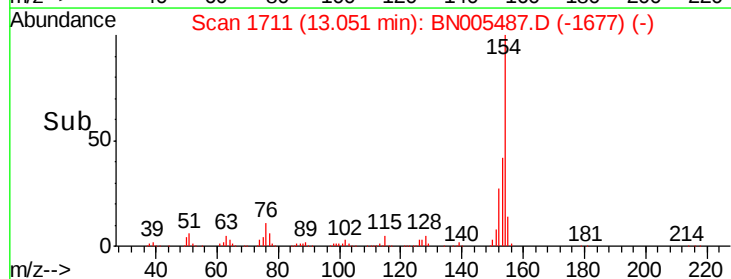
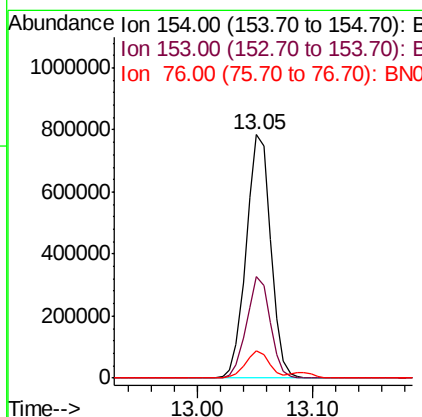
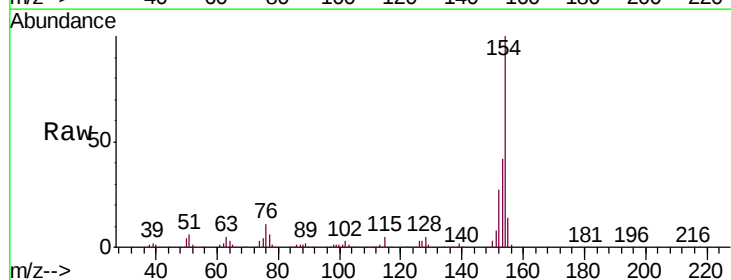
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02098

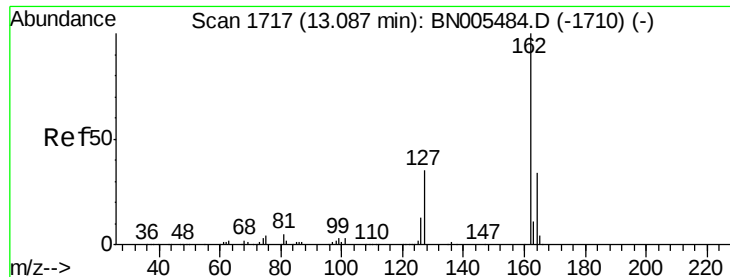
Tgt Ion:196 Resp: 344835  
 Ion Ratio Lower Upper  
 196 100  
 198 91.4 75.0 112.4  
 200 30.2 24.2 36.4



#40  
 1,1'-Biphenyl  
 Concen: 19.336 ng/ul  
 RT: 13.05 min Scan# 1711  
 Delta R.T. -0.00 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

Tgt Ion:154 Resp: 1160516  
 Ion Ratio Lower Upper  
 154 100  
 153 41.6 32.6 49.0  
 76 11.4 10.4 15.6

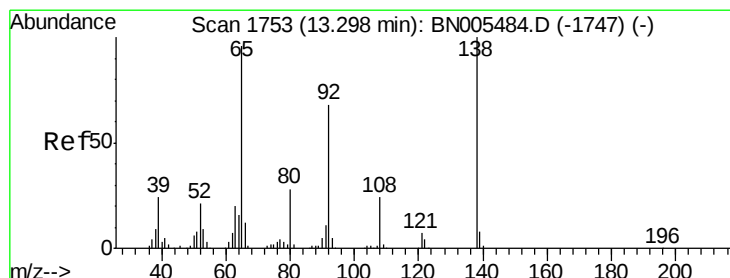
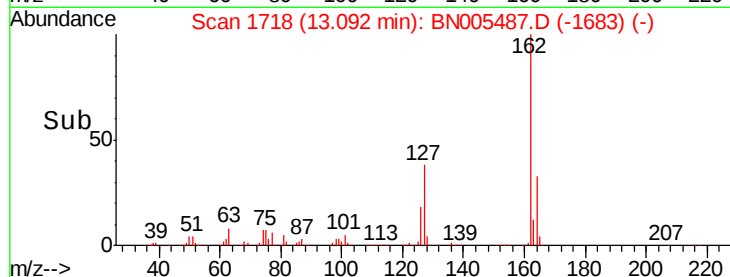
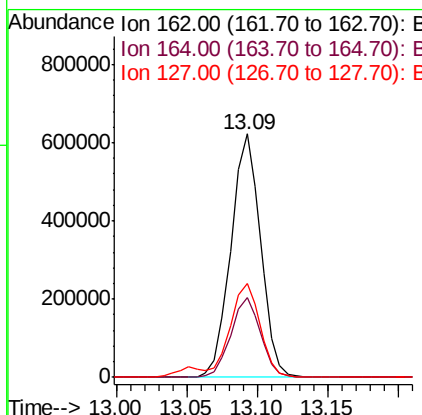
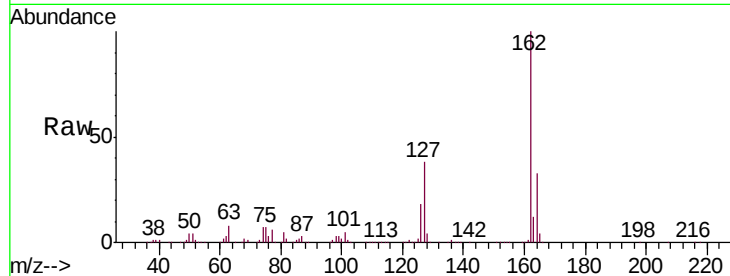




#41  
 2-Chloronaphthalene  
 Concen: 19.784 ng/ul  
 RT: 13.09 min Scan# 1718  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

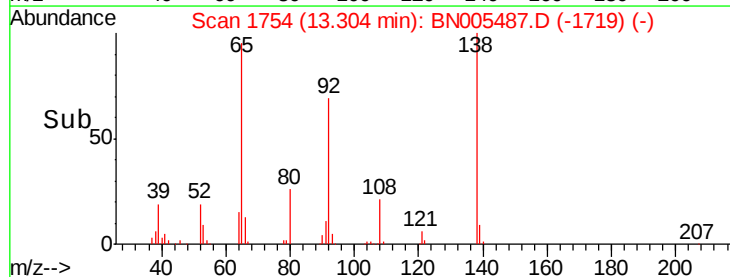
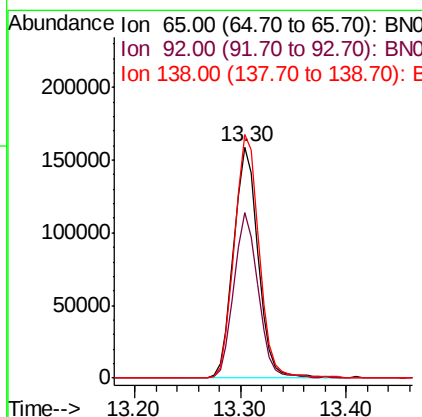
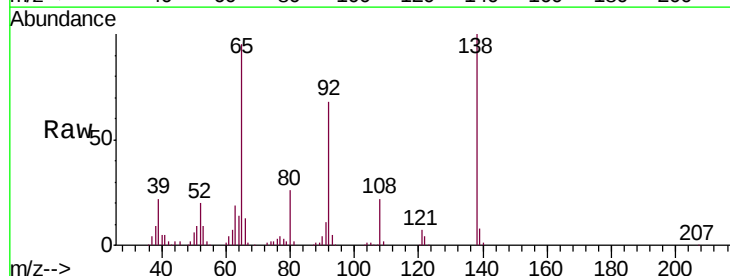
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST02098

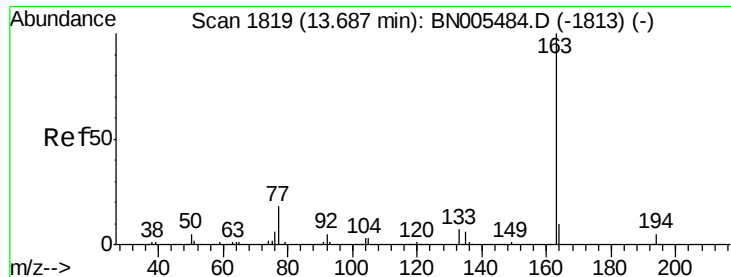
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.7  | 26.8  | 40.2  |
| 127     | 38.3  | 33.5  | 50.3  |



#42  
 2-Nitroaniline  
 Concen: 20.836 ng/ul  
 RT: 13.30 min Scan# 1754  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.9  | 51.6  | 77.4  |
| 138     | 105.4 | 73.9  | 110.9 |

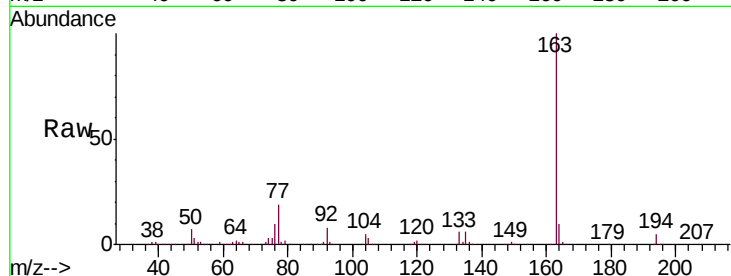




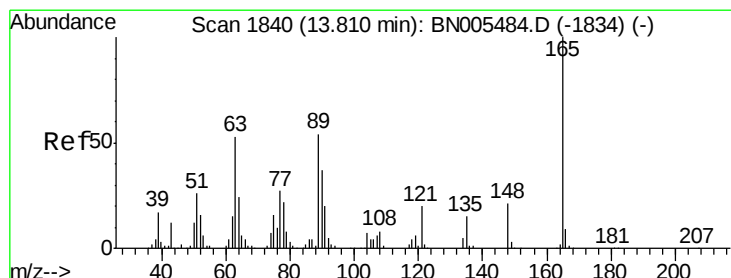
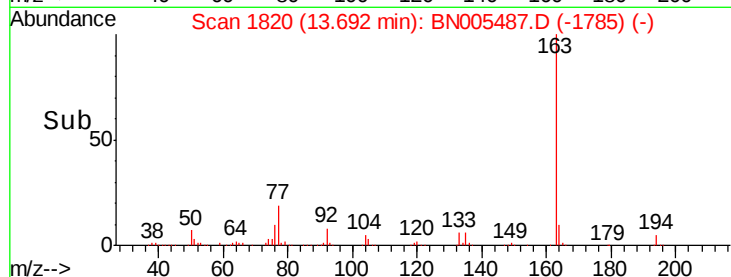
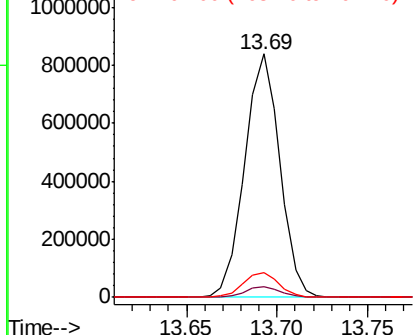
#44  
Dimethylphthalate  
Concen: 19.396 ng/ul  
RT: 13.69 min Scan# 1820  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02098

Tgt Ion:163 Resp: 1130138  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.4 5.0  
164 9.9 8.1 12.1

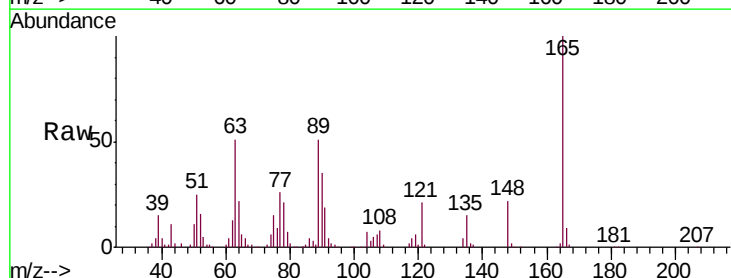


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

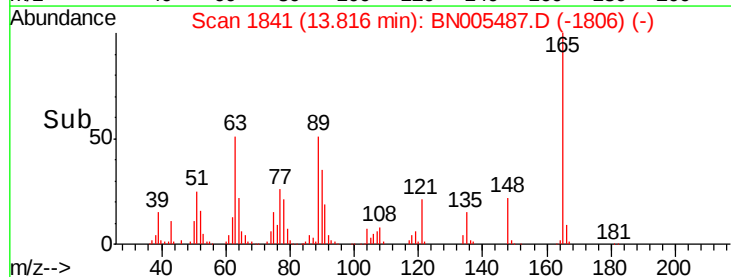
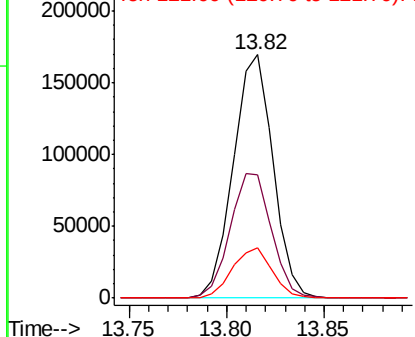


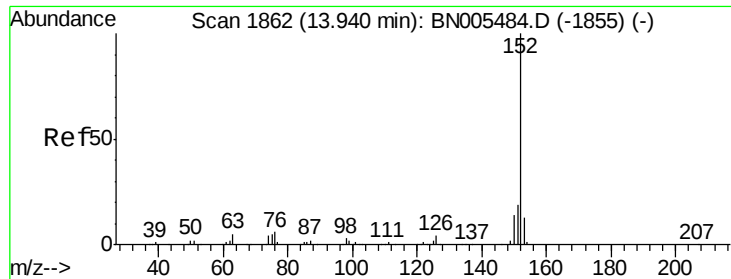
#45  
2,6-Dinitrotoluene  
Concen: 23.771 ng/ul  
RT: 13.82 min Scan# 1841  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

Tgt Ion:165 Resp: 239152  
Ion Ratio Lower Upper  
165 100  
89 50.7 50.2 75.2  
121 20.7 19.4 29.2



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BNC  
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.655 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

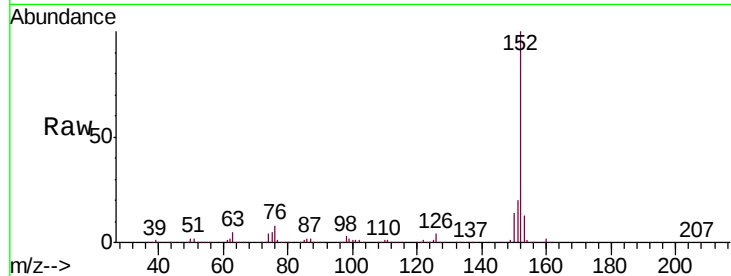
Tgt Ion:152 Resp: 1387260

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

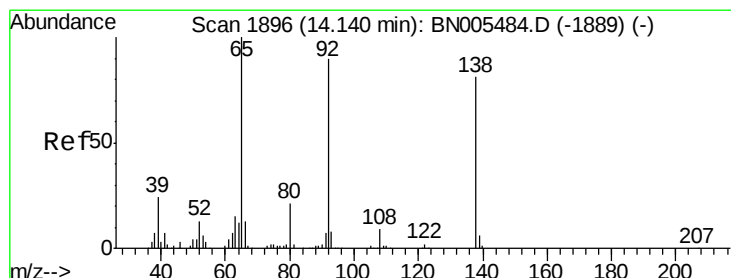
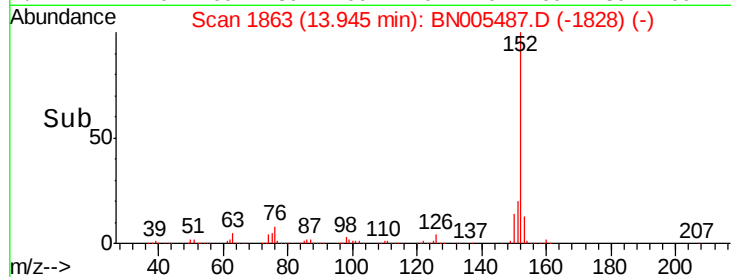
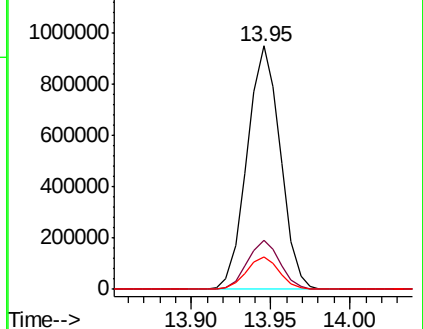
153 13.3 9.8 14.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 23.151 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

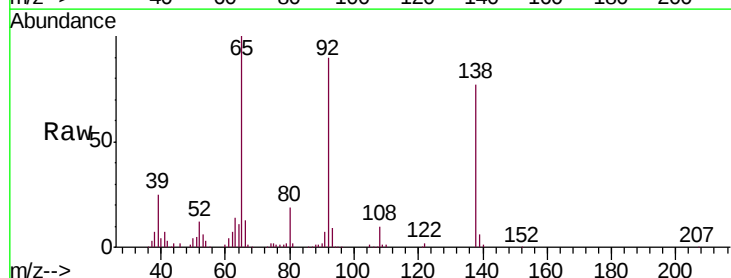
Tgt Ion:138 Resp: 216531

Ion Ratio Lower Upper

138 100

108 12.9 12.1 18.1

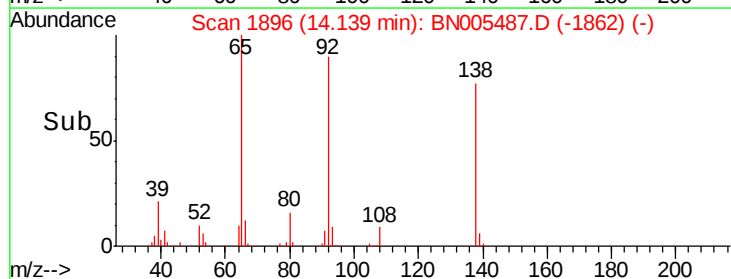
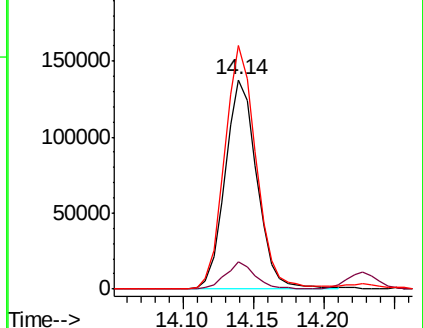
92 116.3 102.9 154.3

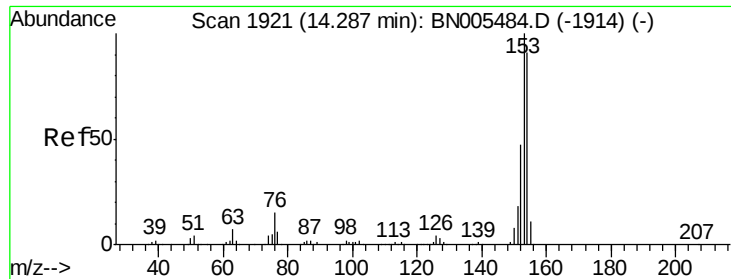


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#49

Acenaphthene

Concen: 19.685 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

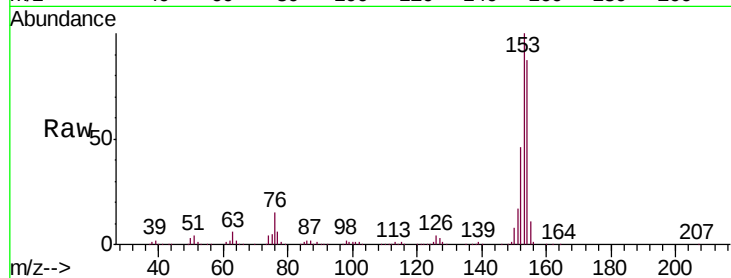
Tgt Ion:153 Resp: 948493

Ion Ratio Lower Upper

153 100

152 45.5 37.4 56.0

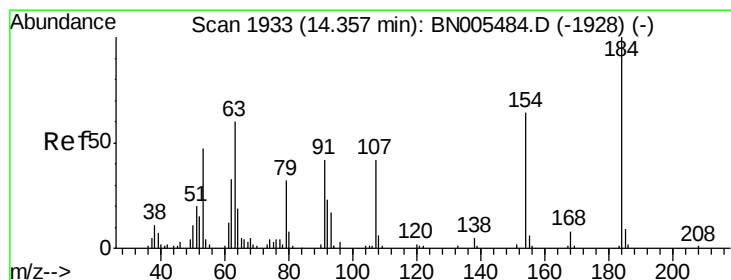
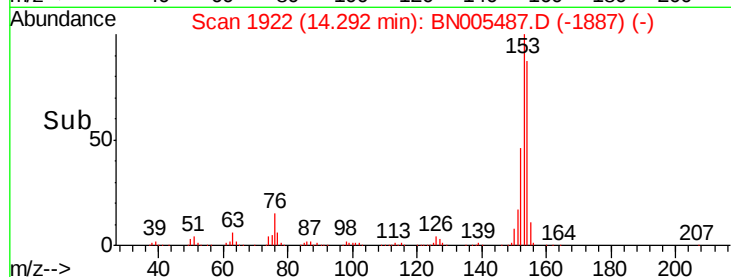
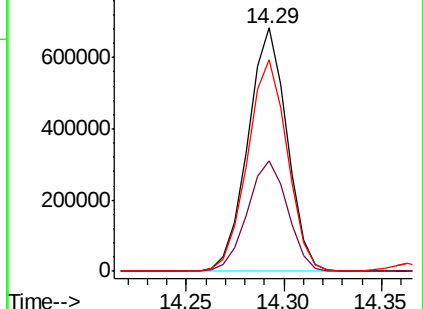
154 87.1 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 11.648 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

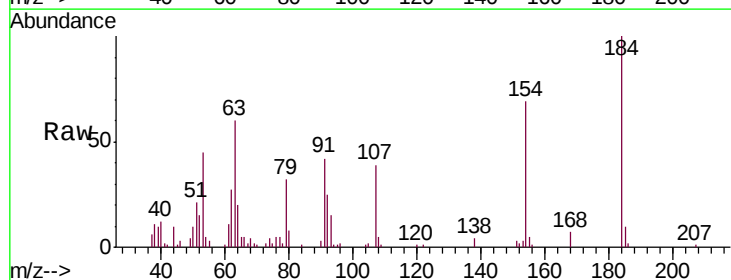
Tgt Ion:184 Resp: 57082

Ion Ratio Lower Upper

184 100

63 60.2 59.8 89.8

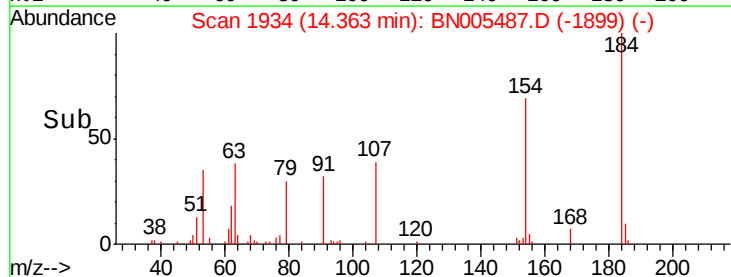
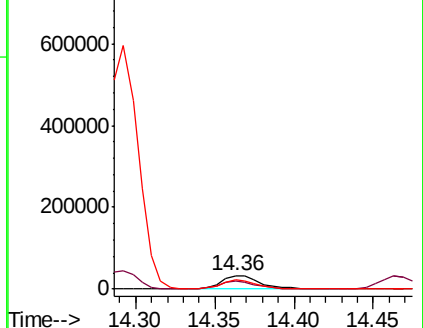
154 68.8 56.3 84.5

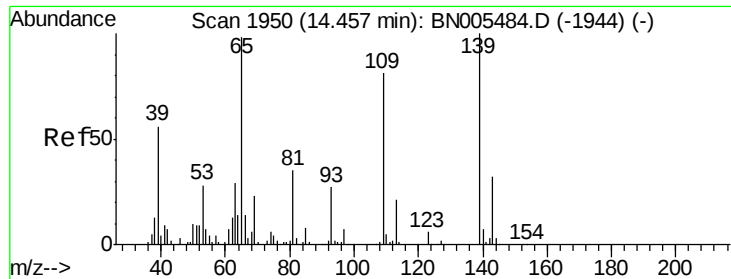


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

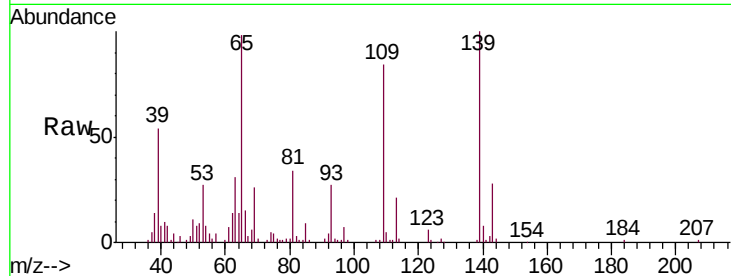




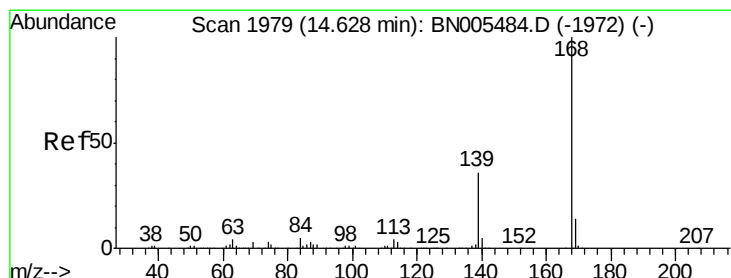
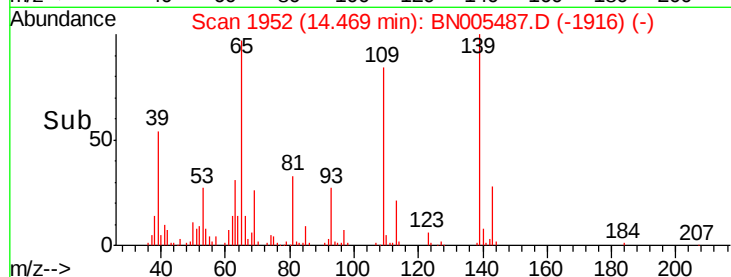
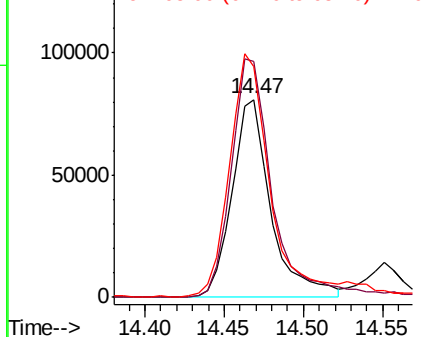
#52  
4-Nitrophenol  
Concen: 16.487 ng/ul  
RT: 14.47 min Scan# 1952  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02098

Tgt Ion:109 Resp: 138172  
Ion Ratio Lower Upper  
109 100  
139 119.0 92.3 138.5  
65 116.8 97.5 146.3

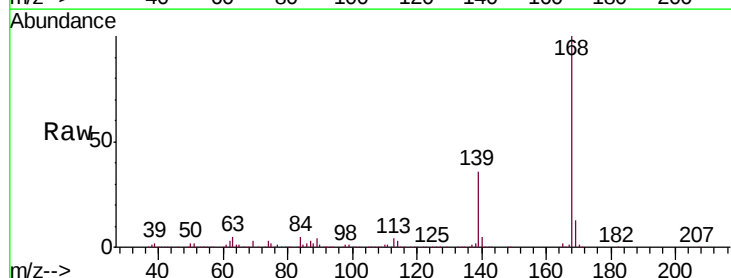


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BNC

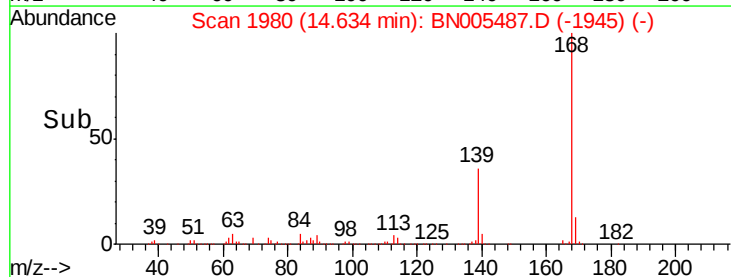
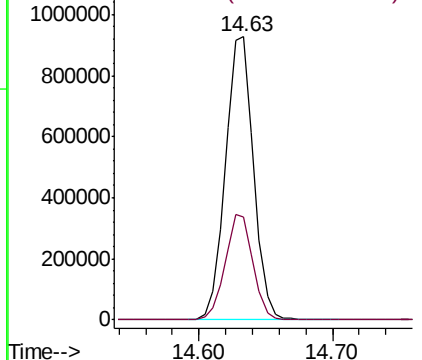


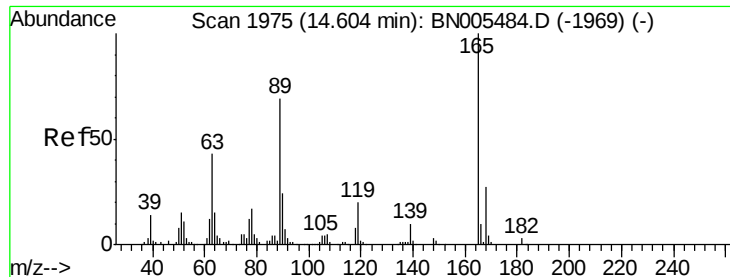
#53  
Dibenzofuran  
Concen: 19.734 ng/ul  
RT: 14.63 min Scan# 1980  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

Tgt Ion:168 Resp: 1369006  
Ion Ratio Lower Upper  
168 100  
139 36.4 30.9 46.3



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

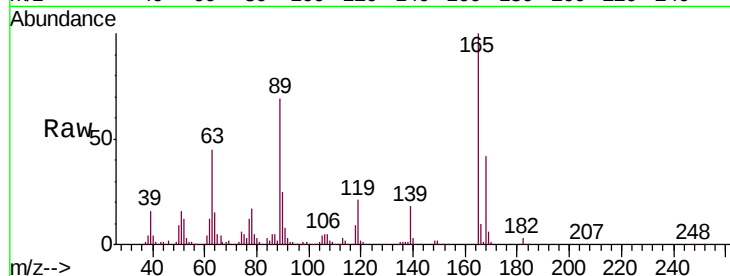




#54  
 2,4-Dinitrotoluene  
 Concen: 22.990 ng/ul  
 RT: 14.61 min Scan# 1976  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02098

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.4  | 38.9  | 58.3  |
| 182     | 3.0   | 2.6   | 3.8   |

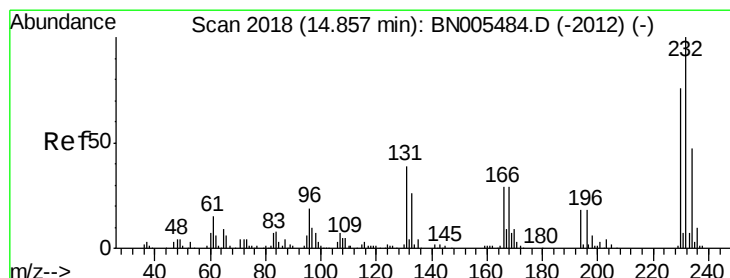
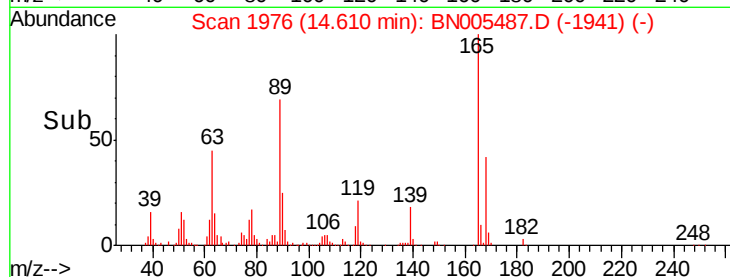
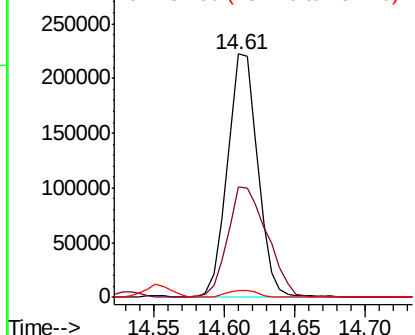


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 21.811 ng/ul  
 RT: 14.86 min Scan# 2019  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.2  | 36.6  | 54.8  |
| 130     | 1.9   | 2.0   | 3.0#  |
| 166     | 31.6  | 26.6  | 39.8  |

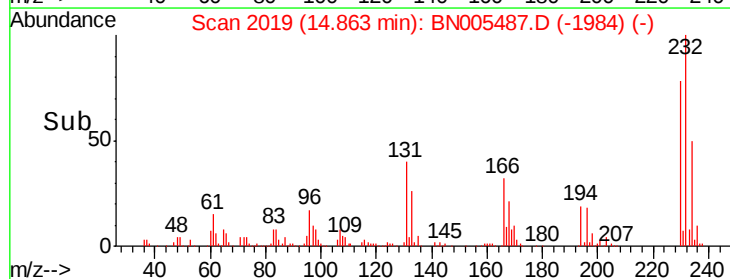
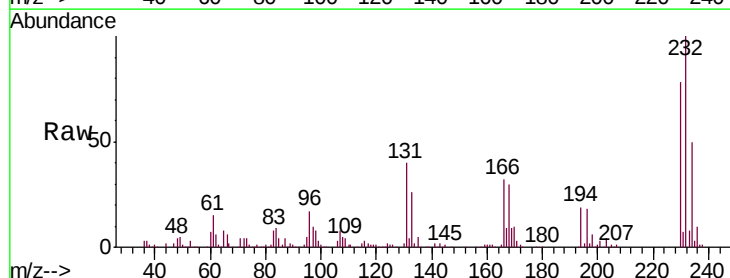
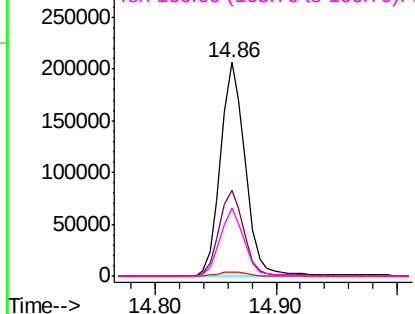
Abundance

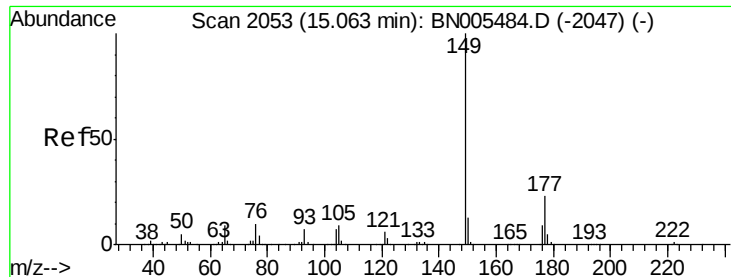
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

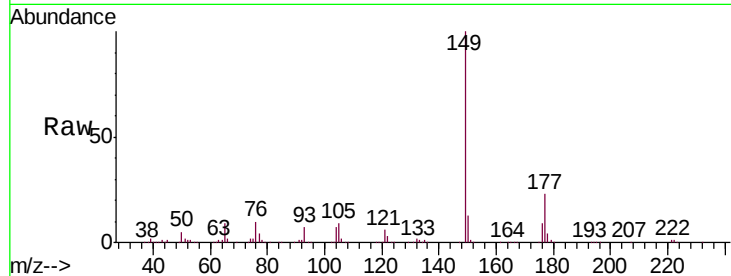




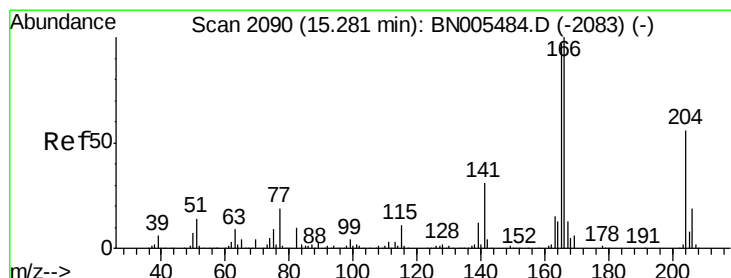
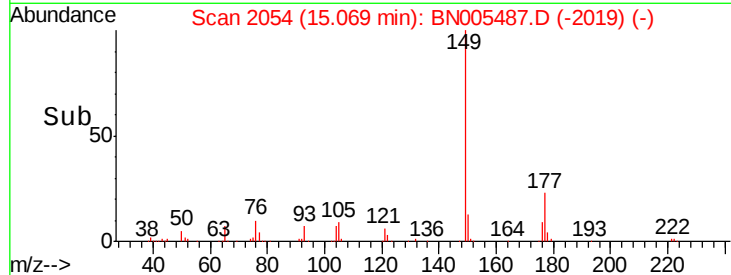
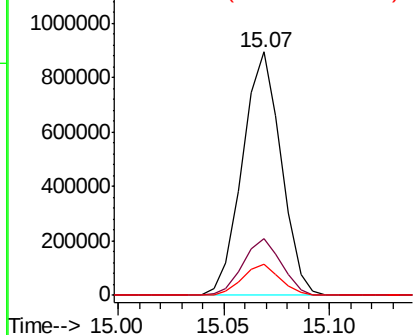
#56  
Diethylphthalate  
Concen: 19.468 ng/ul  
RT: 15.07 min Scan# 2054  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02098

Tgt Ion:149 Resp: 1137379  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.7 26.5  
150 12.6 10.0 15.0

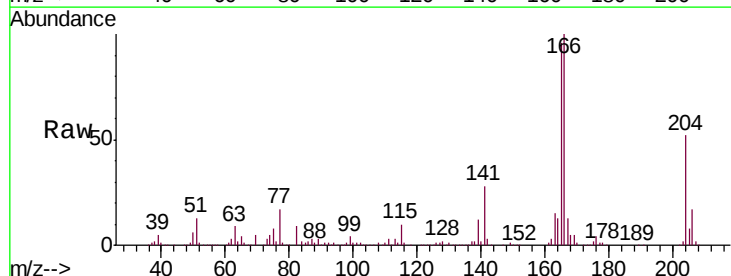


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

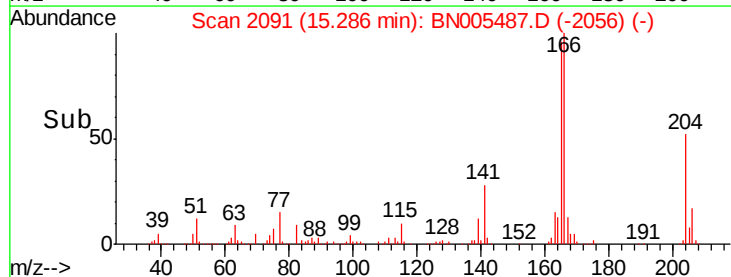
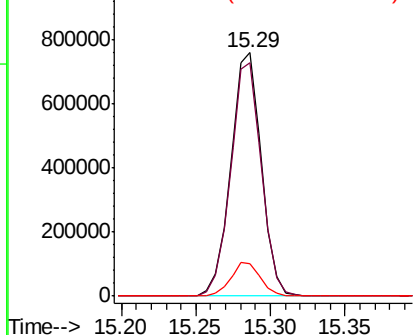


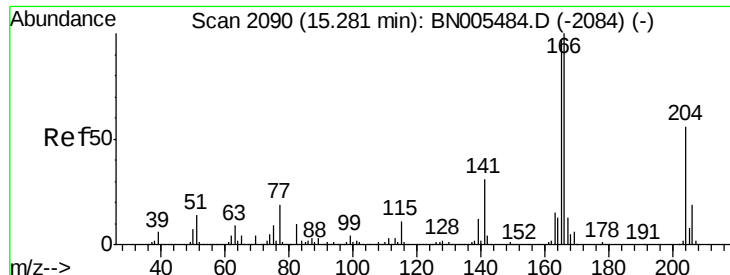
#58  
Fluorene  
Concen: 20.054 ng/ul  
RT: 15.29 min Scan# 2091  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

Tgt Ion:166 Resp: 1085588  
Ion Ratio Lower Upper  
166 100  
165 95.7 80.0 120.0  
167 13.1 10.7 16.1



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

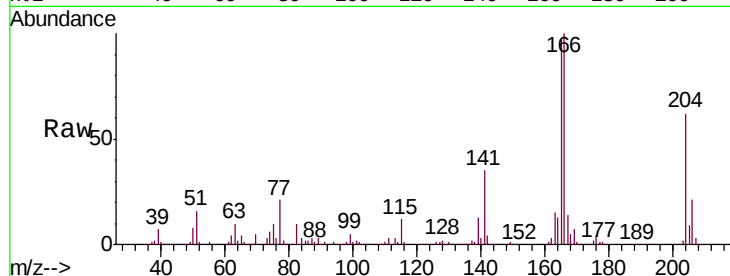




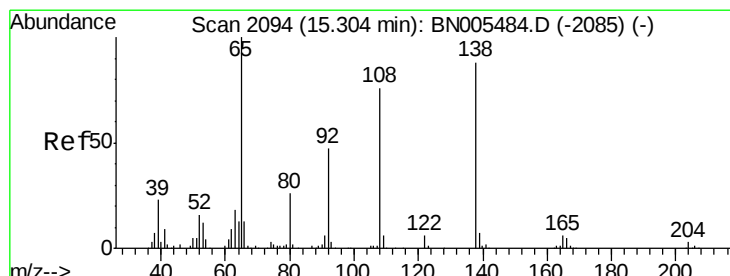
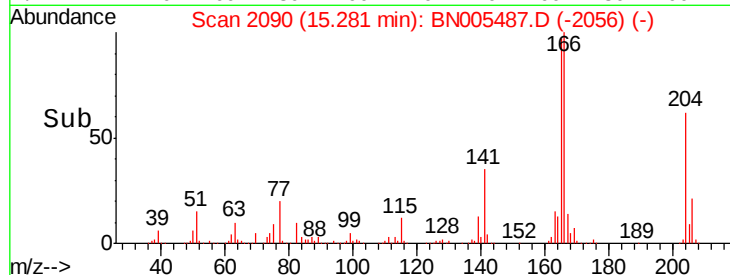
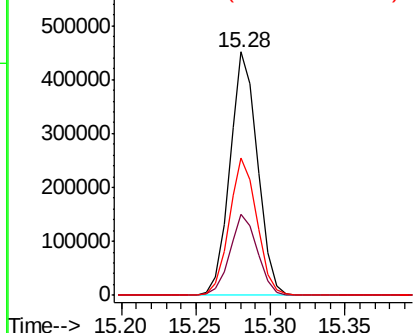
#59  
 4-Chlorophenyl-phenylether  
 Concen: 20.407 ng/ul  
 RT: 15.28 min Scan# 2090  
 Delta R.T. -0.00 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02098

Tgt Ion:204 Resp: 586028  
 Ion Ratio Lower Upper  
 204 100  
 206 33.3 26.9 40.3  
 141 56.6 47.9 71.9

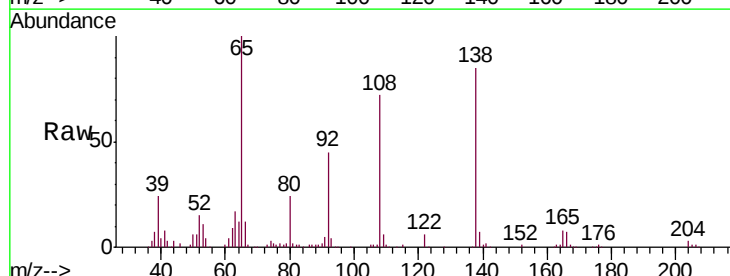


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

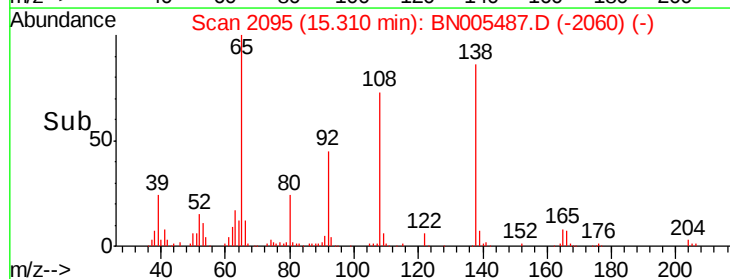
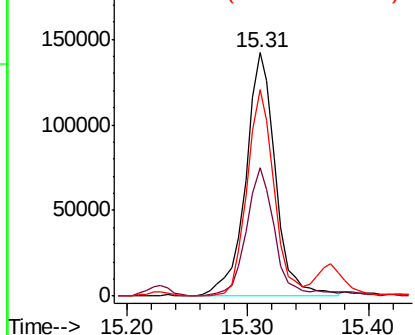


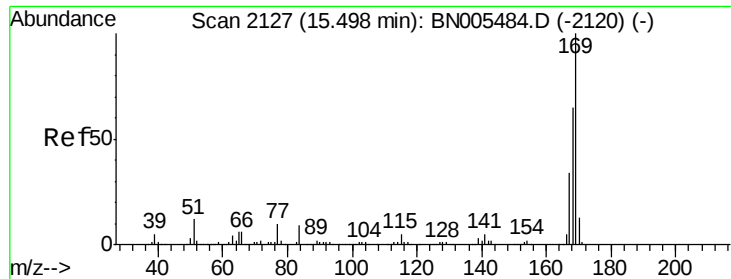
#60  
 4-Nitroaniline  
 Concen: 20.950 ng/ul  
 RT: 15.31 min Scan# 2095  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

Tgt Ion:138 Resp: 244281  
 Ion Ratio Lower Upper  
 138 100  
 92 52.9 45.3 67.9  
 108 84.8 73.2 109.8



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



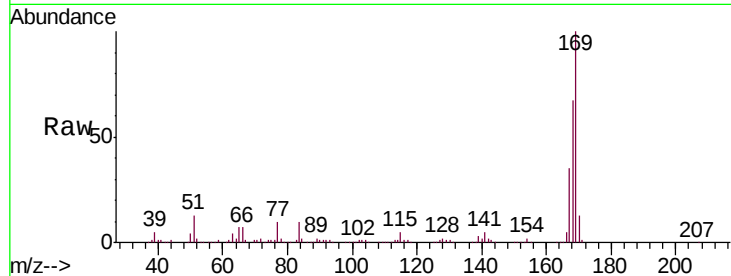


#64

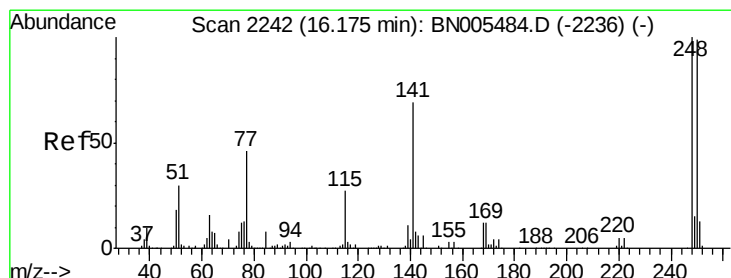
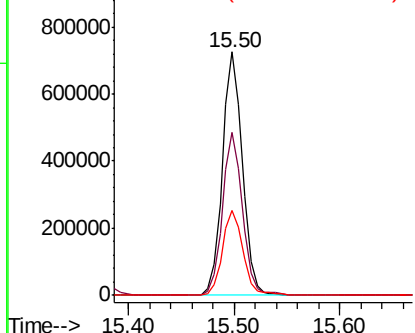
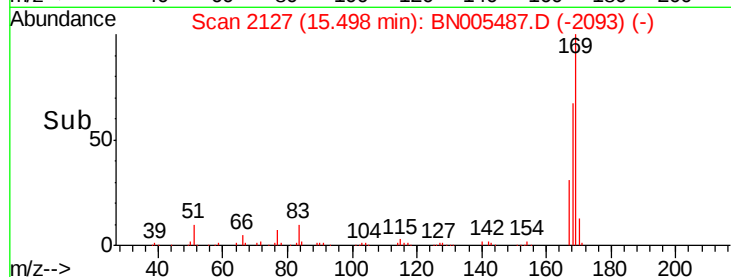
N-Nitrosodiphenylamine  
 Concen: 24.205 ng/ul  
 RT: 15.50 min Scan# 2127  
 Delta R.T. -0.00 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02098

Tgt Ion:169 Resp: 956716  
 Ion Ratio Lower Upper  
 169 100  
 168 66.8 52.2 78.2  
 167 34.6 27.7 41.5



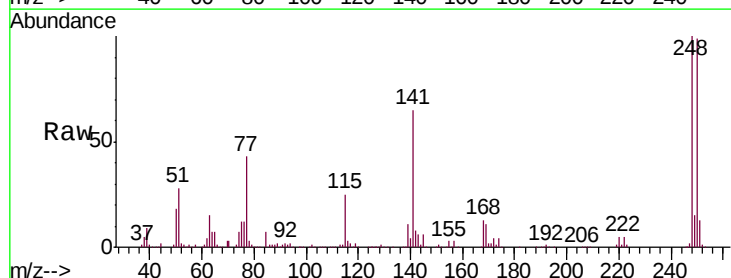
Abundance Ion 169.00 (168.70 to 169.70): E  
 1000000 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E



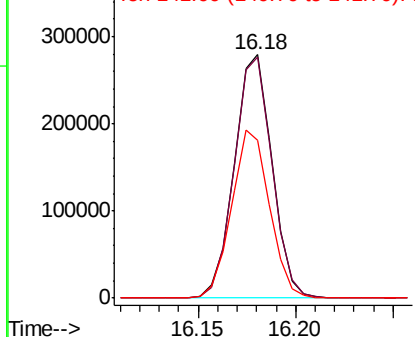
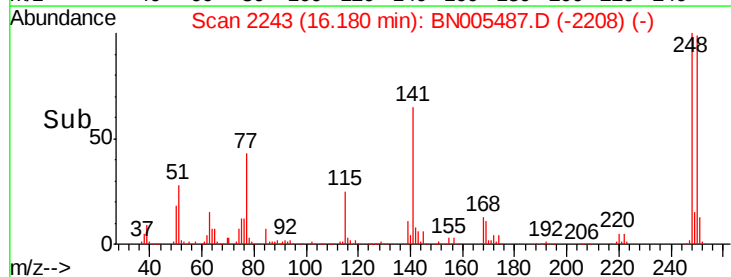
#65

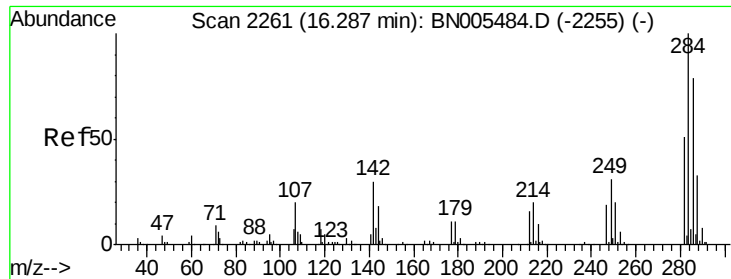
4-Bromophenyl-phenylether  
 Concen: 25.721 ng/ul  
 RT: 16.18 min Scan# 2243  
 Delta R.T. 0.01 min  
 Lab File: BN005487.D  
 Acq: 06 May 2019 11:19

Tgt Ion:248 Resp: 374205  
 Ion Ratio Lower Upper  
 248 100  
 250 98.9 78.4 117.6  
 141 64.8 61.8 92.6



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

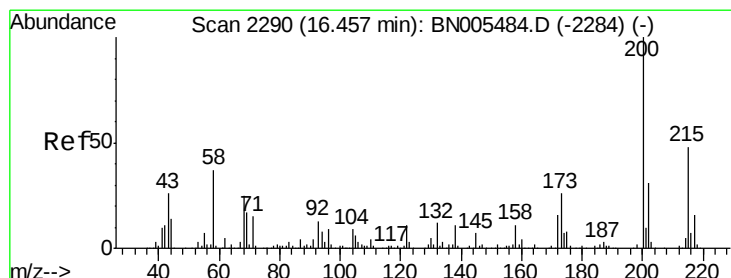
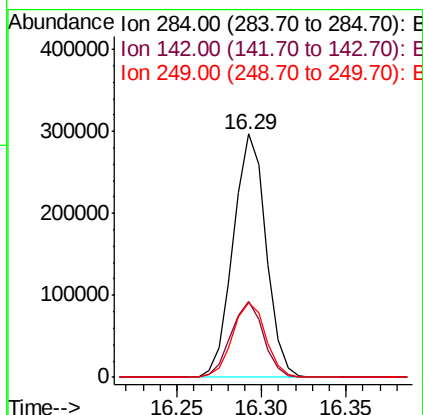
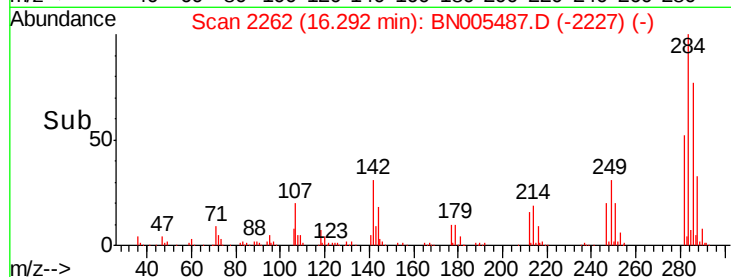
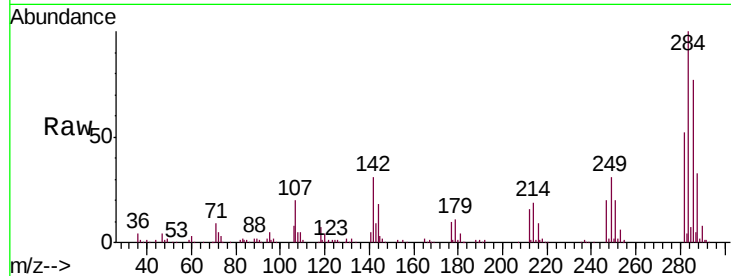




#66  
Hexachlorobenzene  
Concen: 26.021 ng/ul  
RT: 16.29 min Scan# 2262  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

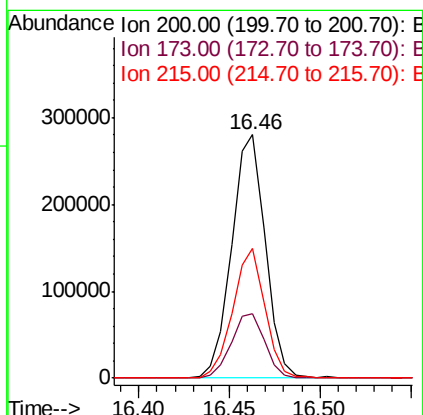
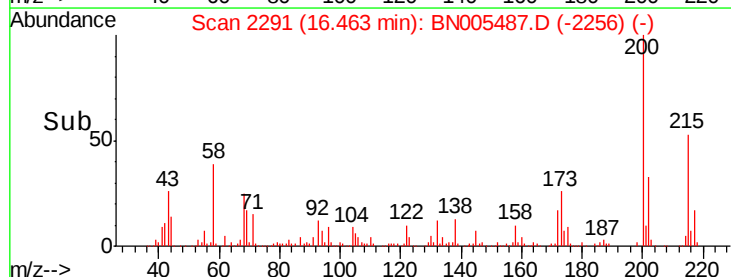
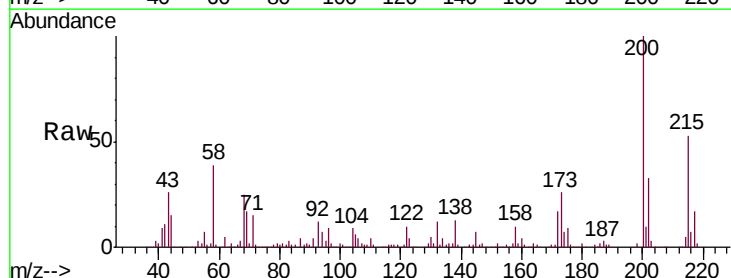
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02098

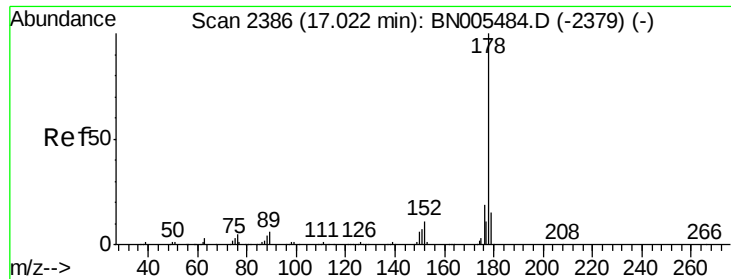
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.2  | 29.4  | 44.2  |
| 249     | 30.7  | 26.1  | 39.1  |



#67  
Atrazine  
Concen: 24.684 ng/ul  
RT: 16.46 min Scan# 2291  
Delta R.T. 0.01 min  
Lab File: BN005487.D  
Acq: 06 May 2019 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 21.4  | 32.0  |
| 215     | 53.3  | 39.1  | 58.7  |





#69

Phenanthrene

Concen: 23.801 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.09 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

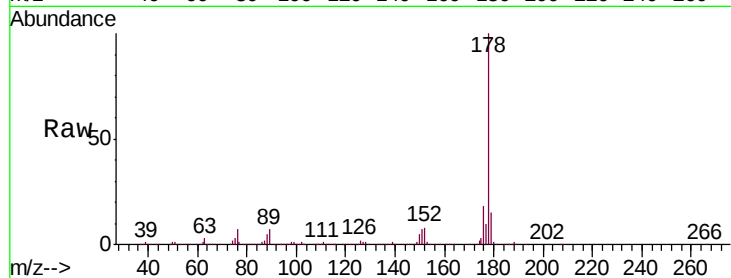
Tgt Ion:178 Resp: 1673995

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

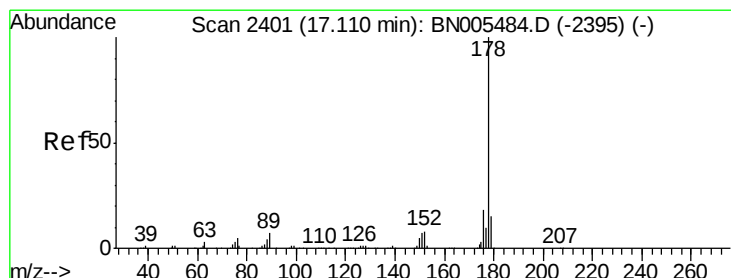
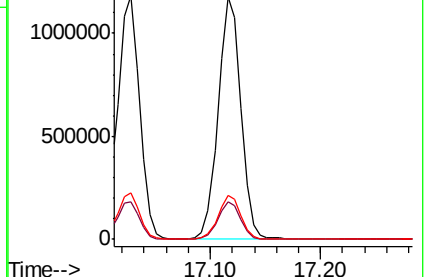
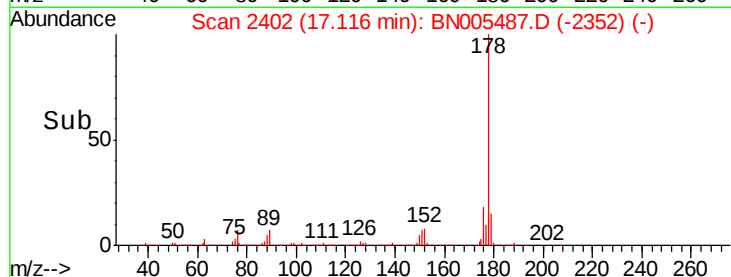
176 18.0 15.1 22.7



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: 23.333 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

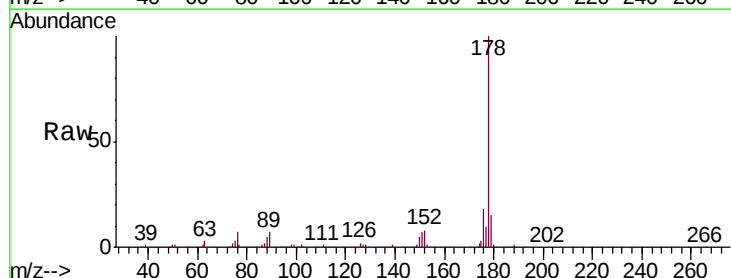
Tgt Ion:178 Resp: 1671727

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

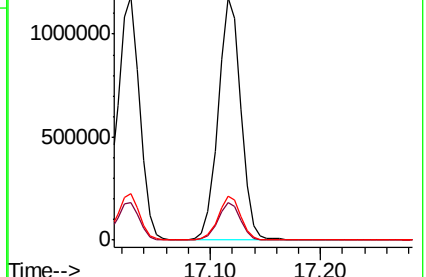
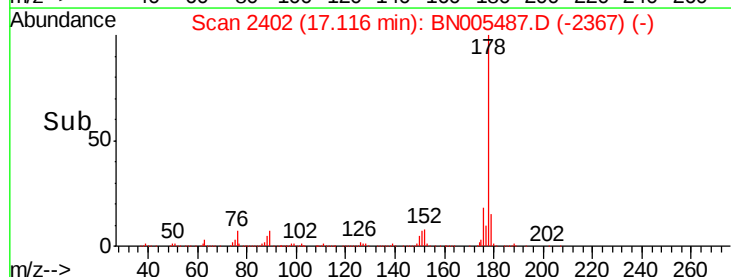
176 18.0 15.1 22.7

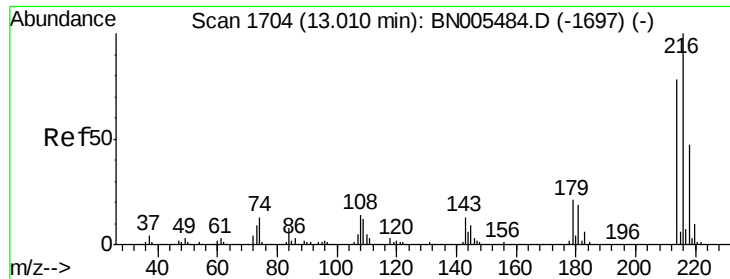


Abundance Ion 178.00 (177.70 to 178.70): E

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: 25.047 ng/uL

RT: 13.02 min Scan# 1705

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

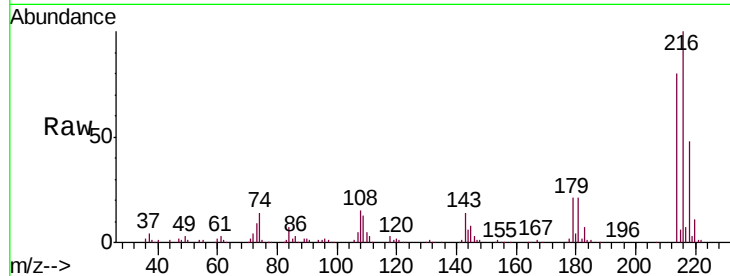
Tgt Ion:216 Resp: 528343

Ion Ratio Lower Upper

216 100

214 80.1 60.8 91.2

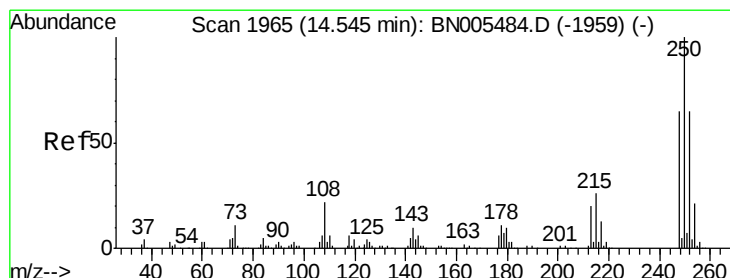
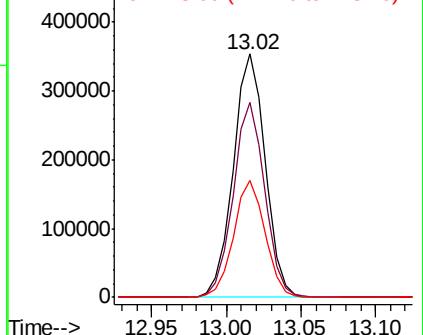
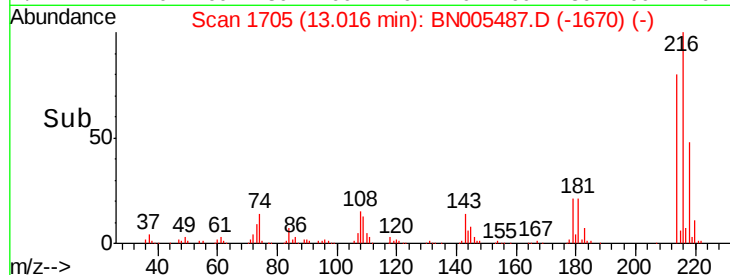
218 48.2 38.6 58.0



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: 25.720 ng/uL

RT: 14.55 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

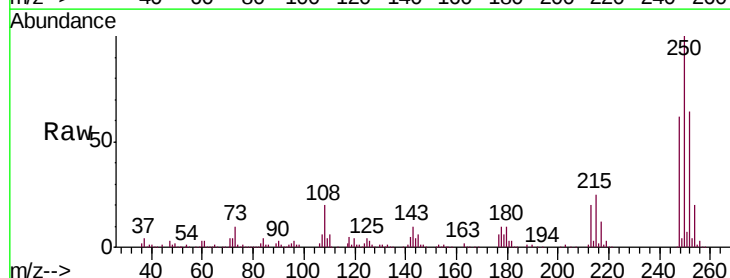
Tgt Ion:250 Resp: 488297

Ion Ratio Lower Upper

250 100

248 62.4 50.6 75.8

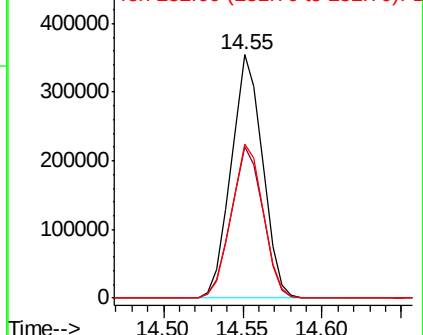
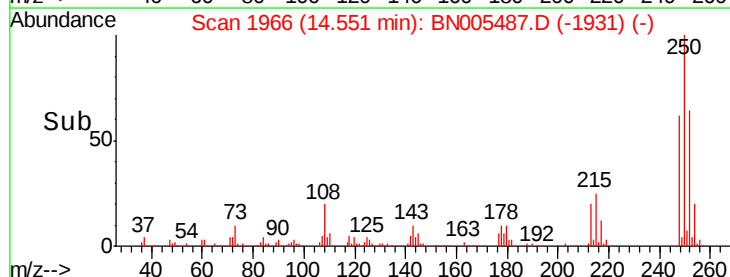
252 63.5 51.8 77.8

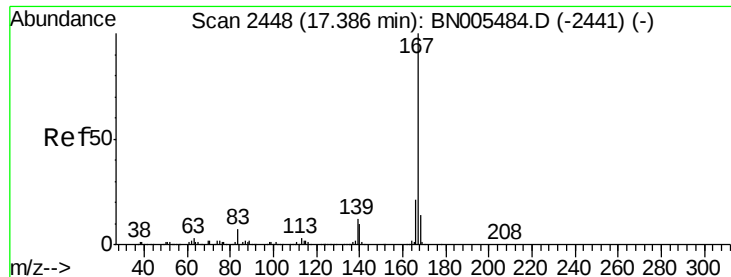


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 22.717 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

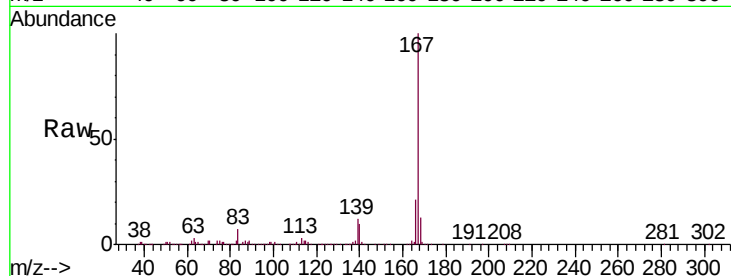
Tgt Ion:167 Resp: 1398156

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

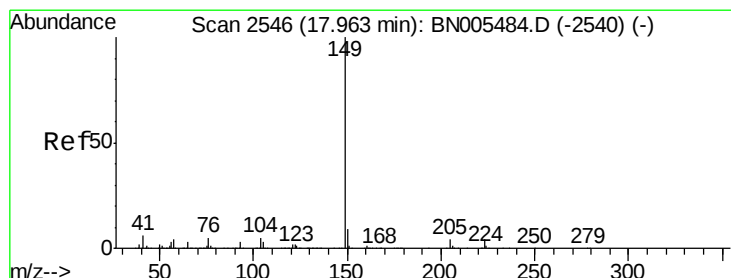
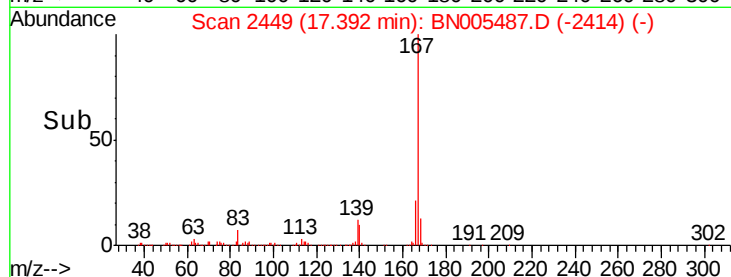
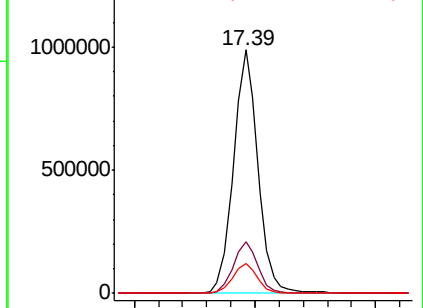
139 12.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 24.463 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

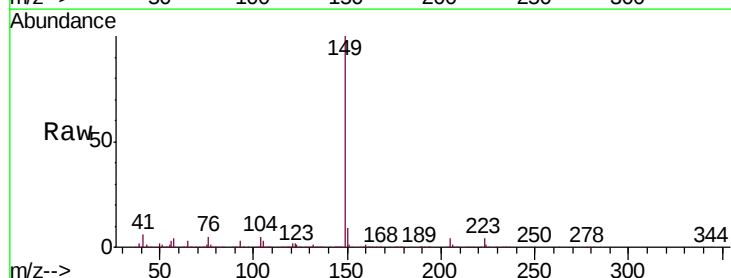
Tgt Ion:149 Resp: 1889138

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

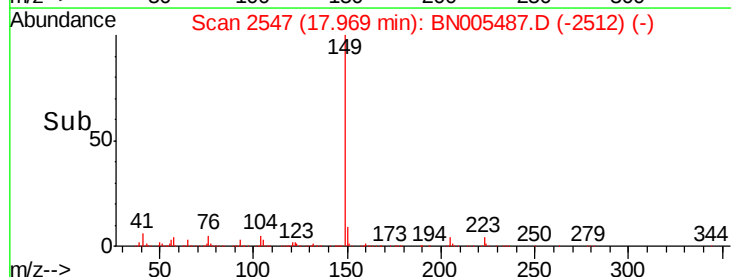
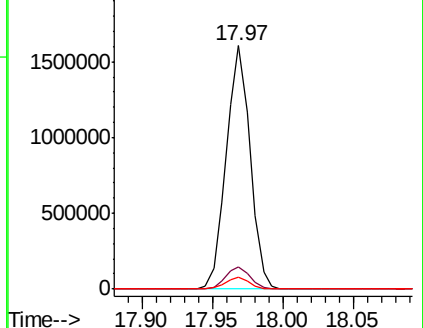
104 4.9 4.2 6.2

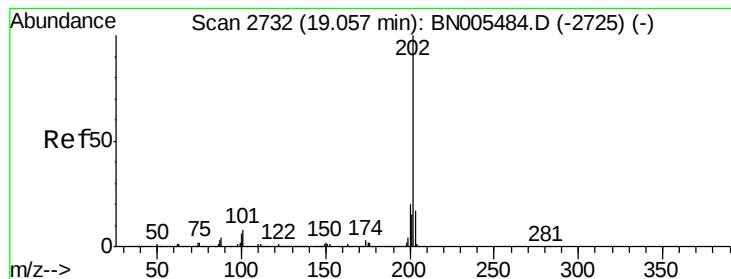


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 21.776 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

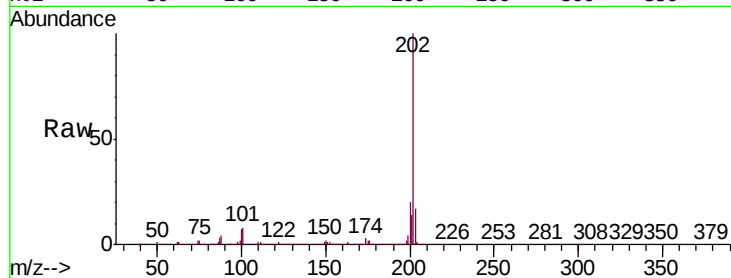
Tgt Ion:202 Resp: 1698796

Ion Ratio Lower Upper

202 100

101 8.2 8.6 12.8#

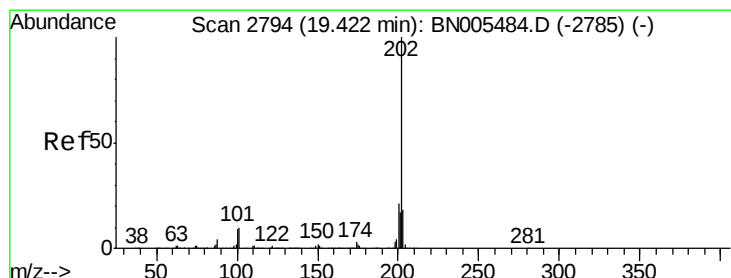
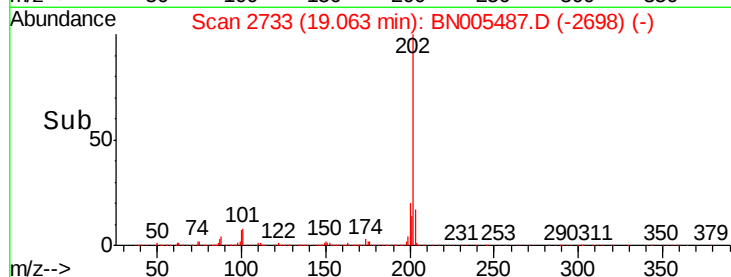
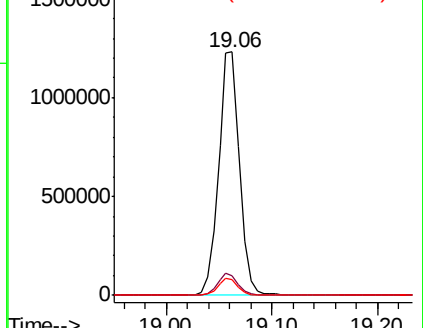
100 6.7 6.3 9.5



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: 21.732 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

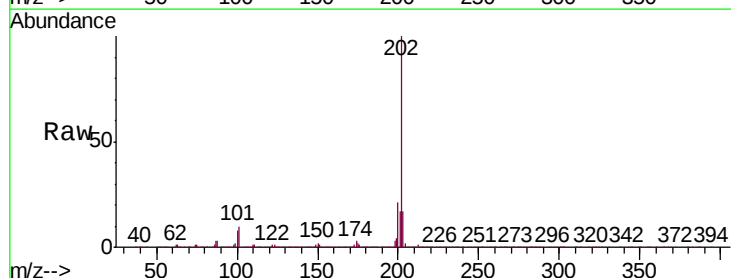
Tgt Ion:202 Resp: 1646161

Ion Ratio Lower Upper

202 100

101 9.7 10.3 15.5#

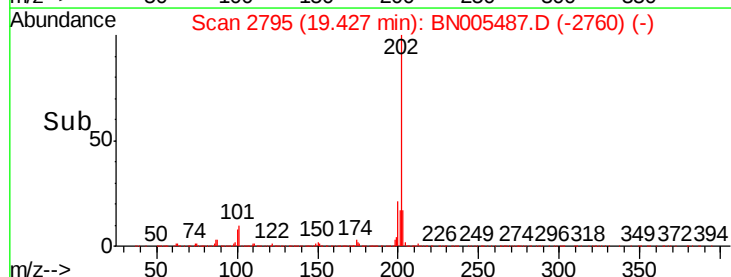
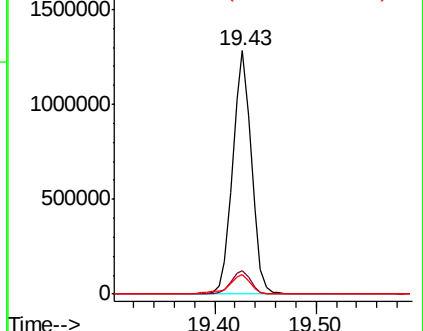
100 8.1 7.9 11.9

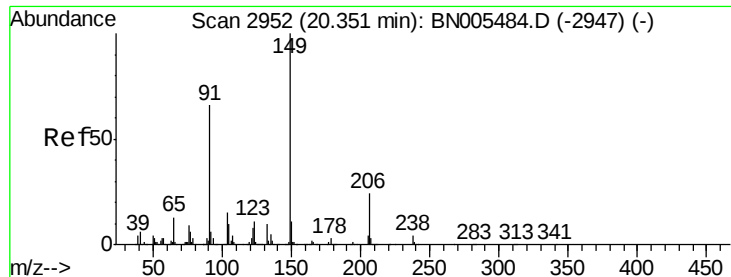


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Butylbenzylphthalate

Concen: 23.685 ng/ul

RT: 20.36 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

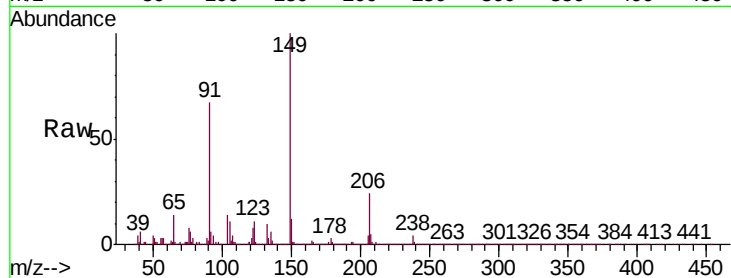
Tgt Ion:149 Resp: 710334

Ion Ratio Lower Upper

149 100

91 66.9 59.6 89.4

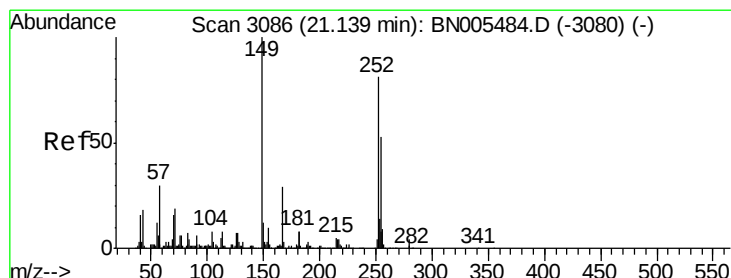
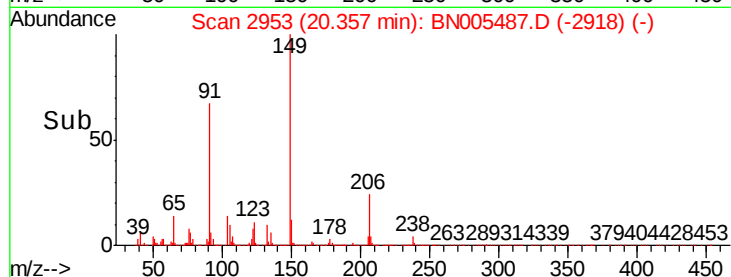
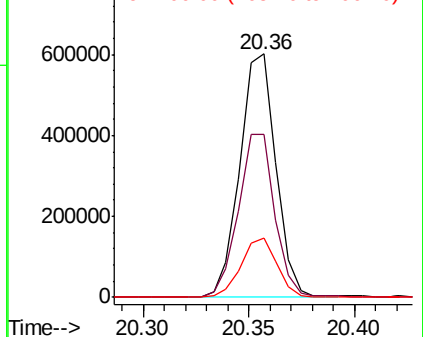
206 24.2 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.306 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

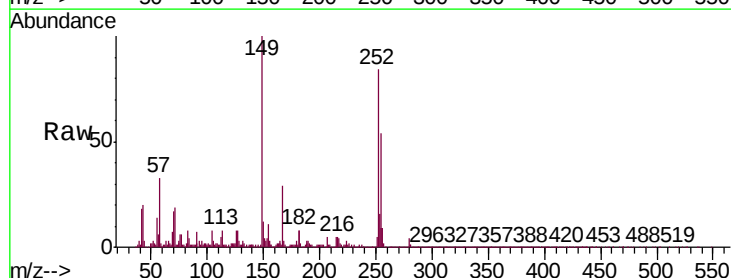
Tgt Ion:252 Resp: 500806

Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

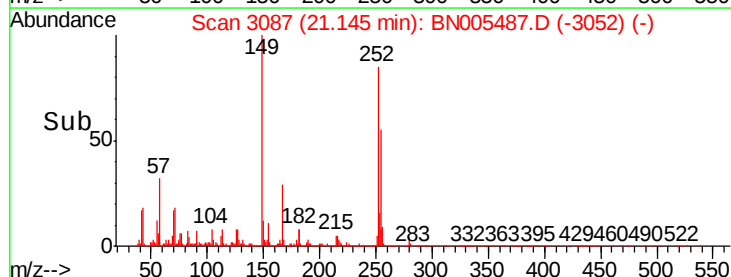
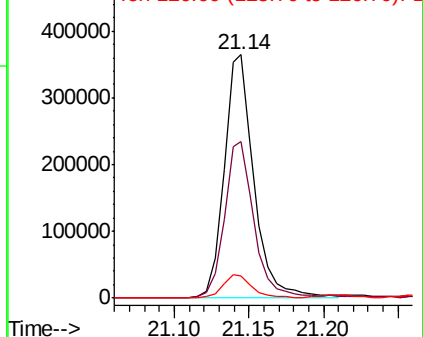
126 8.9 9.4 14.0#

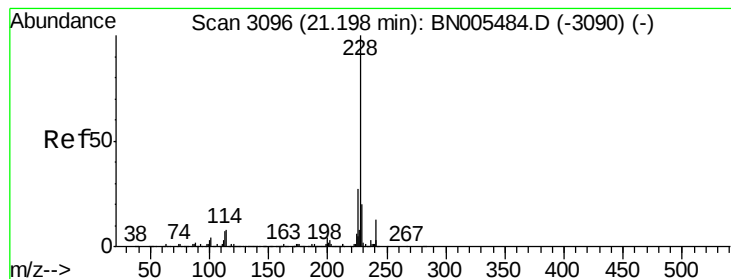


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 19.309 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampled :

SSTD02098

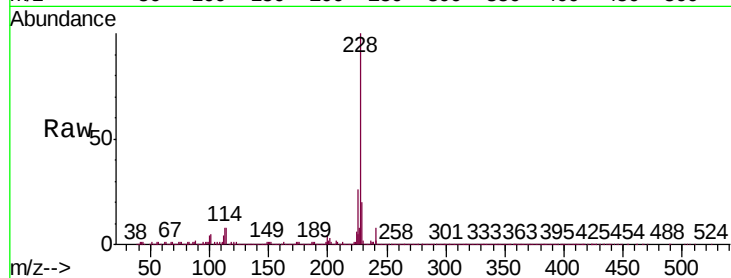
Tgt Ion:228 Resp: 1413236

Ion Ratio Lower Upper

228 100

229 19.7 15.8 23.6

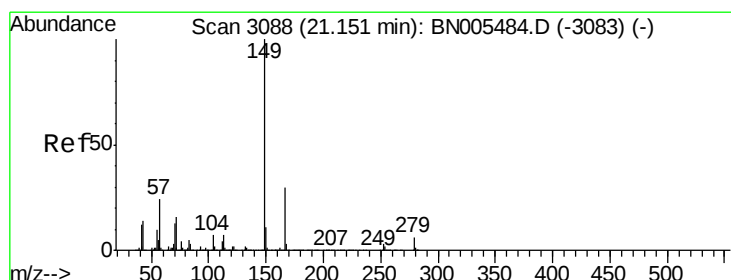
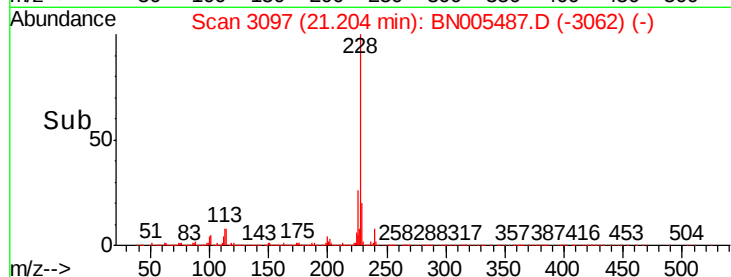
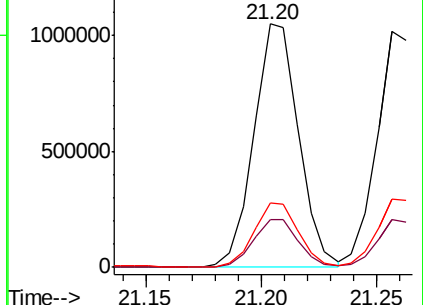
226 26.4 21.4 32.2



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: 21.987 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

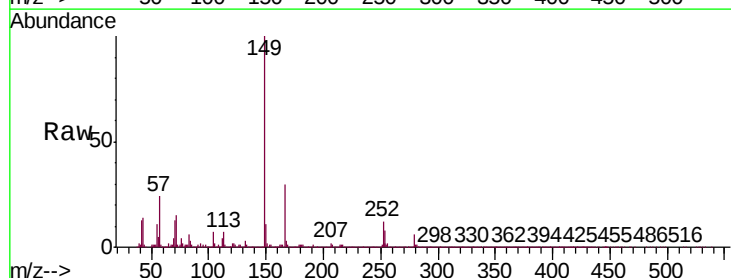
Tgt Ion:149 Resp: 1015362

Ion Ratio Lower Upper

149 100

167 30.4 22.3 33.5

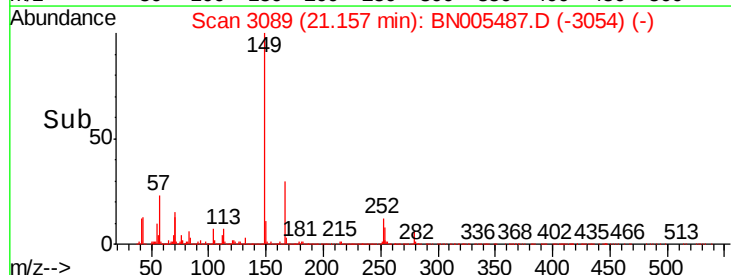
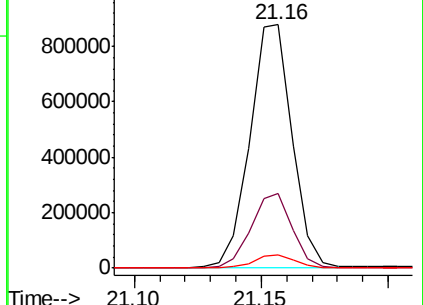
279 5.7 3.3 4.9#

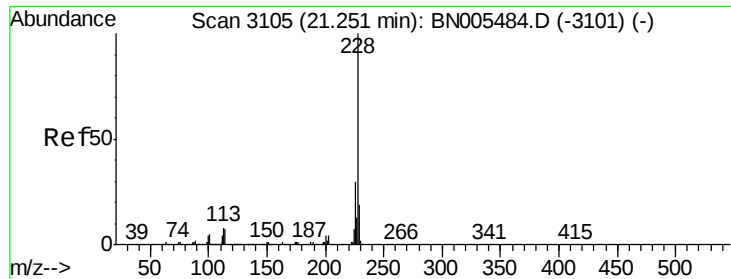


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 19.615 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

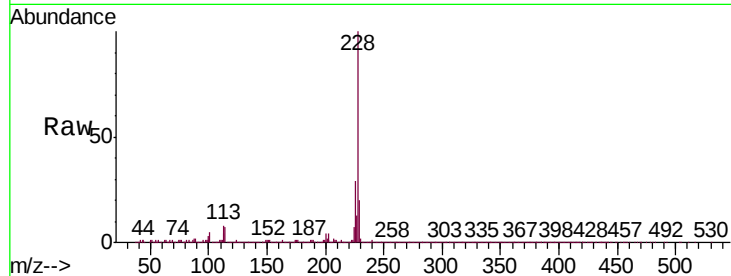
Tgt Ion:228 Resp: 1332340

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

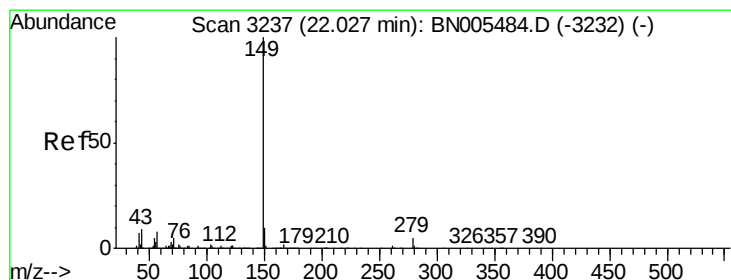
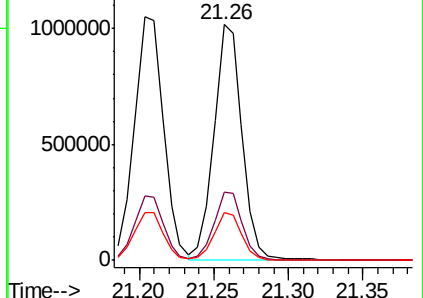
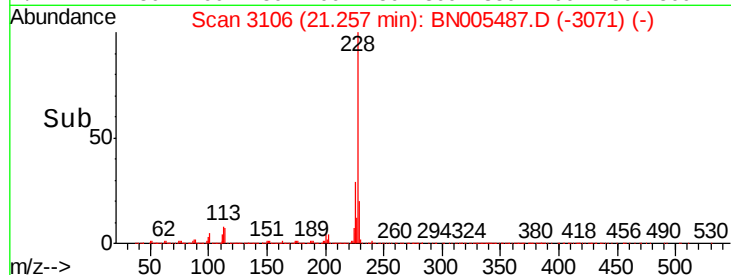
229 20.1 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 20.221 ng/ul

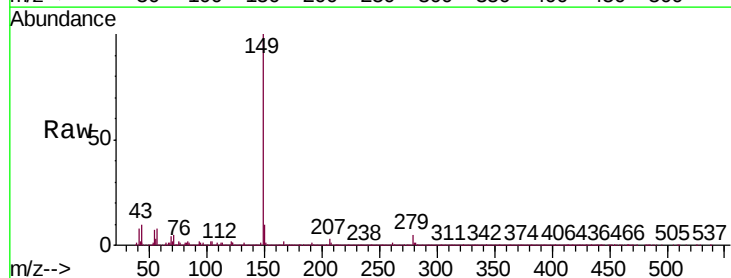
RT: 22.04 min Scan# 3239

Delta R.T. 0.01 min

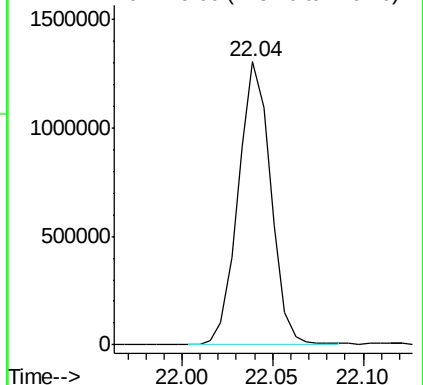
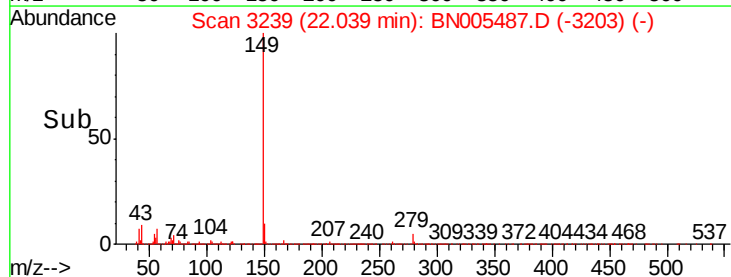
Lab File: BN005487.D

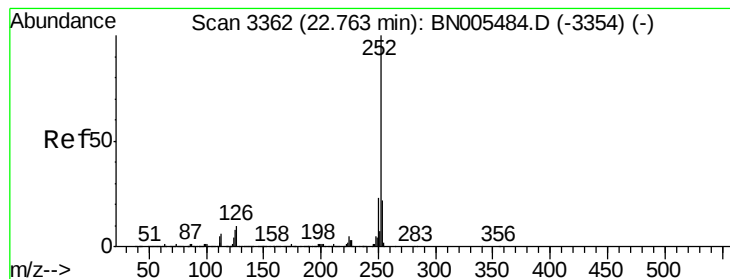
Acq: 06 May 2019 11:19

Tgt Ion:149 Resp: 1606650



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 19.111 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.02 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

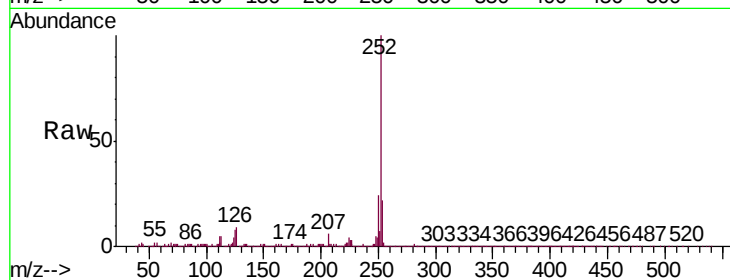
Tgt Ion:252 Resp: 1393588

Ion Ratio Lower Upper

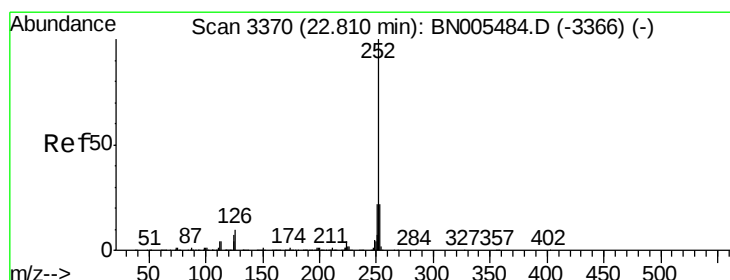
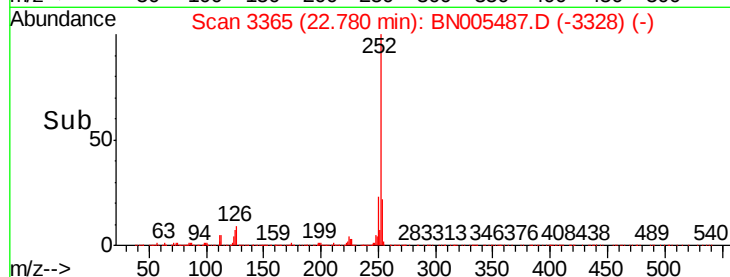
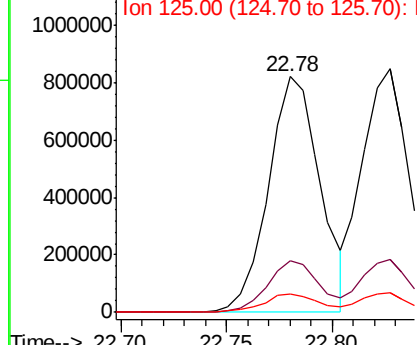
252 100

253 22.0 17.7 26.5

125 7.7 8.4 12.6#



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



#88

Benzo(k)fluoranthene

Concen: 19.141 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.02 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

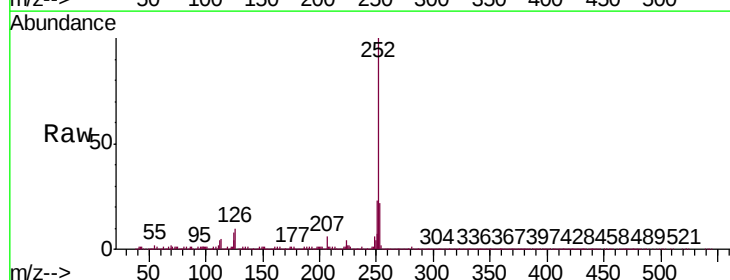
Tgt Ion:252 Resp: 1333060

Ion Ratio Lower Upper

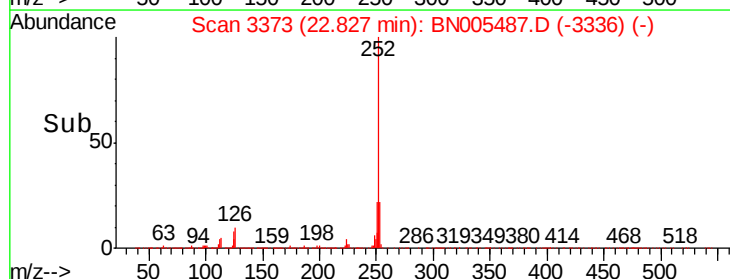
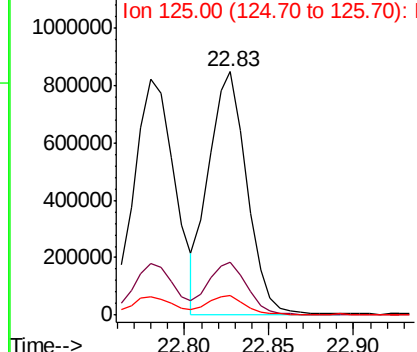
252 100

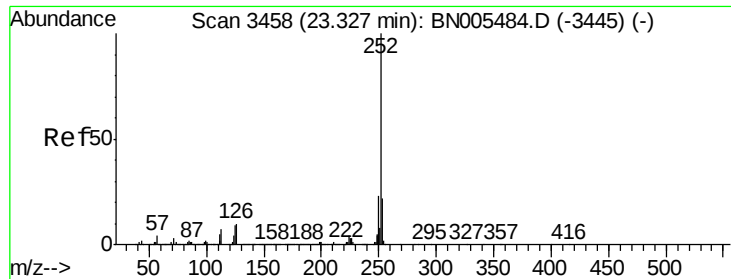
253 22.0 17.4 26.0

125 7.9 7.5 11.3



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: 19.681 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. 0.02 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

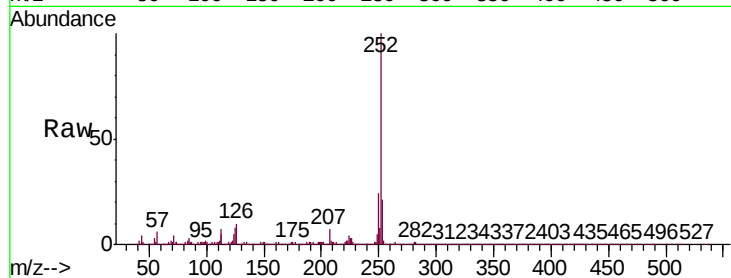
Tgt Ion:252 Resp: 1349035

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

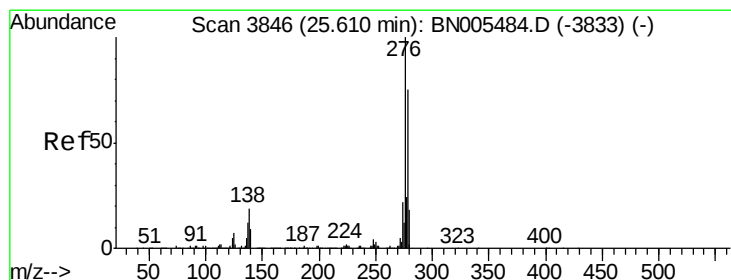
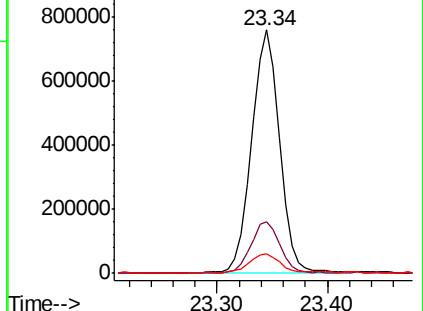
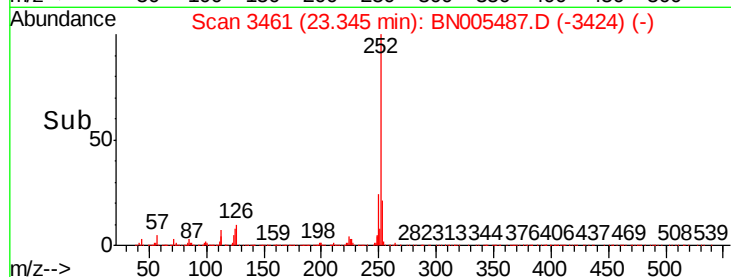
125 8.3 8.6 13.0#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.830 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. 0.02 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

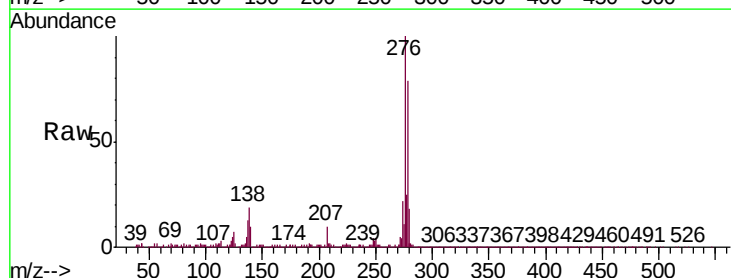
Tgt Ion:276 Resp: 1578590

Ion Ratio Lower Upper

276 100

138 18.7 17.9 26.9

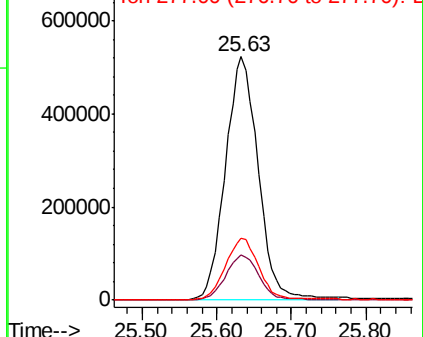
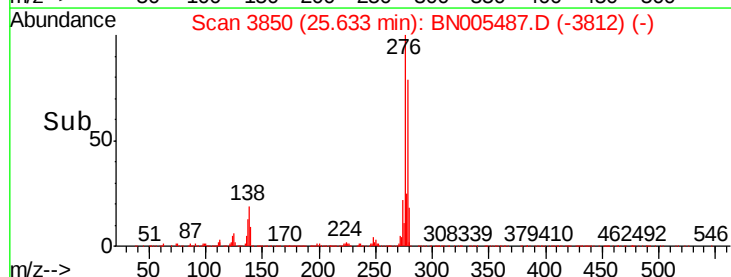
277 25.5 19.7 29.5

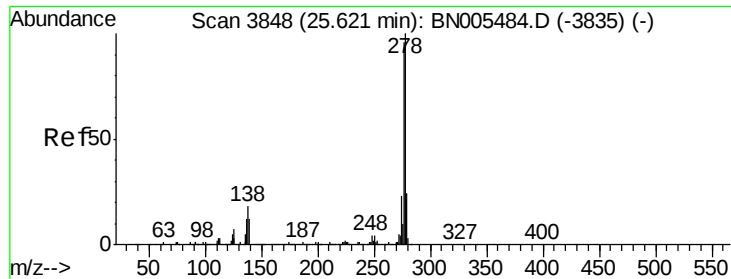


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 20.845 ng/ul

RT: 25.64 min Scan# 3852

Delta R.T. 0.02 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

Instrument :

BNA\_N

ClientSampleId :

SSTD02098

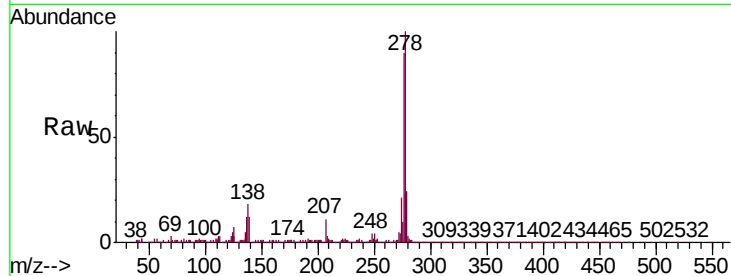
Tgt Ion:278 Resp: 1340657

Ion Ratio Lower Upper

278 100

139 11.8 13.1 19.7#

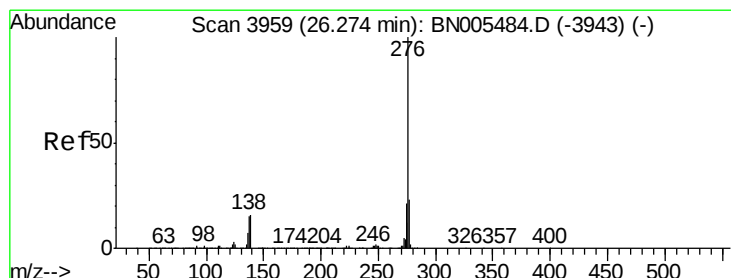
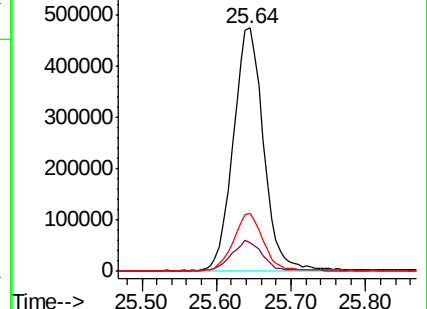
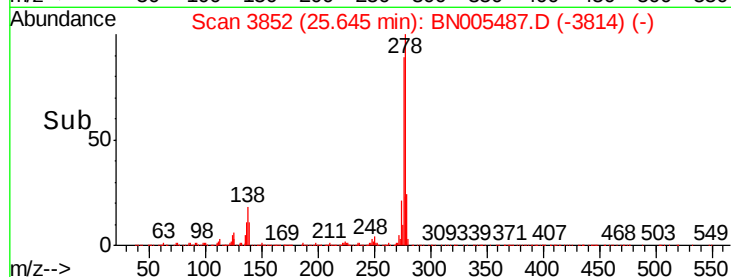
279 23.8 19.4 29.0



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: 21.096 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. 0.02 min

Lab File: BN005487.D

Acq: 06 May 2019 11:19

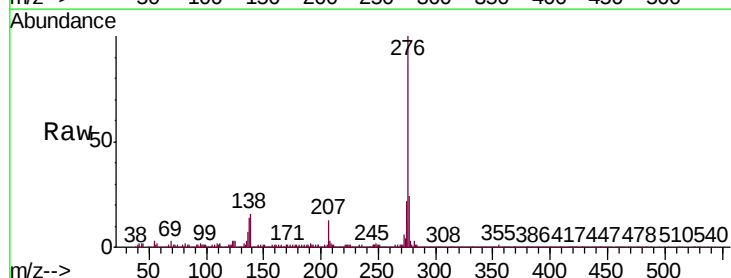
Tgt Ion:276 Resp: 1321917

Ion Ratio Lower Upper

276 100

138 16.2 16.7 25.1#

277 24.4 18.2 27.2



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

