

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN062219\  
 Data File : BN006494.D  
 Acq On : 22 Jun 2019 18:06  
 Operator : HP/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02023

Quant Time: Jun 24 04:06:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 22:42:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 322059   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.40 | 136  | 1475353  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.28 | 164  | 864467   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.04 | 188  | 1846982  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.26 | 240  | 1390012  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.49 | 264  | 1299141  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 60678   | 7.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.80  | 99  | 623193  | 18.17 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 401180  | 18.90 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.16  | 132 | 475044  | 18.79 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.34  | 113 | 482580  | 17.74 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 234276  | 19.83 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 262764  | 20.41 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 475614  | 19.24 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.55 | 131 | 602796  | 21.20 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.69 | 166 | 1409272 | 18.60 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.97 | 160 | 1786132 | 19.23 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.51 | 143 | 233689  | 18.05 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.28 | 176 | 1206252 | 18.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 196433  | 16.80 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.13 | 188 | 1786459 | 19.21 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 1789051 | 22.03 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.35 | 264 | 1409737 | 19.21 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Qvalue    |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.17  | 88  | 62694   | 7.506  | ng/uL 98  |
| 4) Benzaldehyde                | 6.77  | 77  | 254027  | 18.339 | ng/ul 99  |
| 6) Phenol                      | 6.83  | 94  | 607543  | 18.376 | ng/ul 100 |
| 8) Bis(2-Chloroethyl)ether     | 7.05  | 93  | 465010  | 18.471 | ng/ul 96  |
| 10) 2-Chlorophenol             | 7.19  | 128 | 448252  | 18.501 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.07  | 108 | 453473  | 18.110 | ng/ul 100 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.15  | 45  | 749064  | 18.812 | ng/ul 98  |
| 14) Acetophenone               | 8.44  | 105 | 712520  | 18.255 | ng/ul 100 |
| 15) N-Nitroso-di-n-propylamine | 8.43  | 70  | 391789  | 17.871 | ng/ul 99  |
| 16) 4-Methylphenol             | 8.40  | 108 | 490108  | 17.868 | ng/ul 99  |
| 17) Hexachloroethane           | 8.69  | 117 | 179927  | 18.314 | ng/ul 98  |
| 20) Nitrobenzene               | 8.82  | 77  | 544368  | 19.095 | ng/ul 98  |
| 21) Isophorone                 | 9.34  | 82  | 1098060 | 18.636 | ng/ul 99  |
| 23) 2-Nitrophenol              | 9.53  | 139 | 258475  | 19.957 | ng/ul 100 |
| 24) 2,4-Dimethylphenol         | 9.59  | 107 | 537064  | 18.997 | ng/ul 99  |
| 25) Bis(2-Chloroethoxy)methane | 9.83  | 93  | 665240  | 18.609 | ng/ul 100 |
| 27) 2,4-Dichlorophenol         | 10.06 | 162 | 432699  | 19.144 | ng/ul 98  |
| 28) Naphthalene                | 10.45 | 128 | 1450354 | 18.673 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.58 | 127 | 564862  | 21.049 | ng/ul 100 |
| 31) Hexachlorobutadiene        | 10.73 | 225 | 250808  | 19.100 | ng/ul 99  |
| 32) Caprolactam                | 11.33 | 113 | 102576  | 11.819 | ng/ul 95  |
| 33) 4-Chloro-3-methylphenol    | 11.71 | 107 | 509573  | 18.742 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.07 | 142 | 1045811 | 18.608 | ng/ul 98  |

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 SSTD02023

Quant Time: Jun 24 04:06:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 21 22:42:34 2019  
 Response via : Initial Calibration

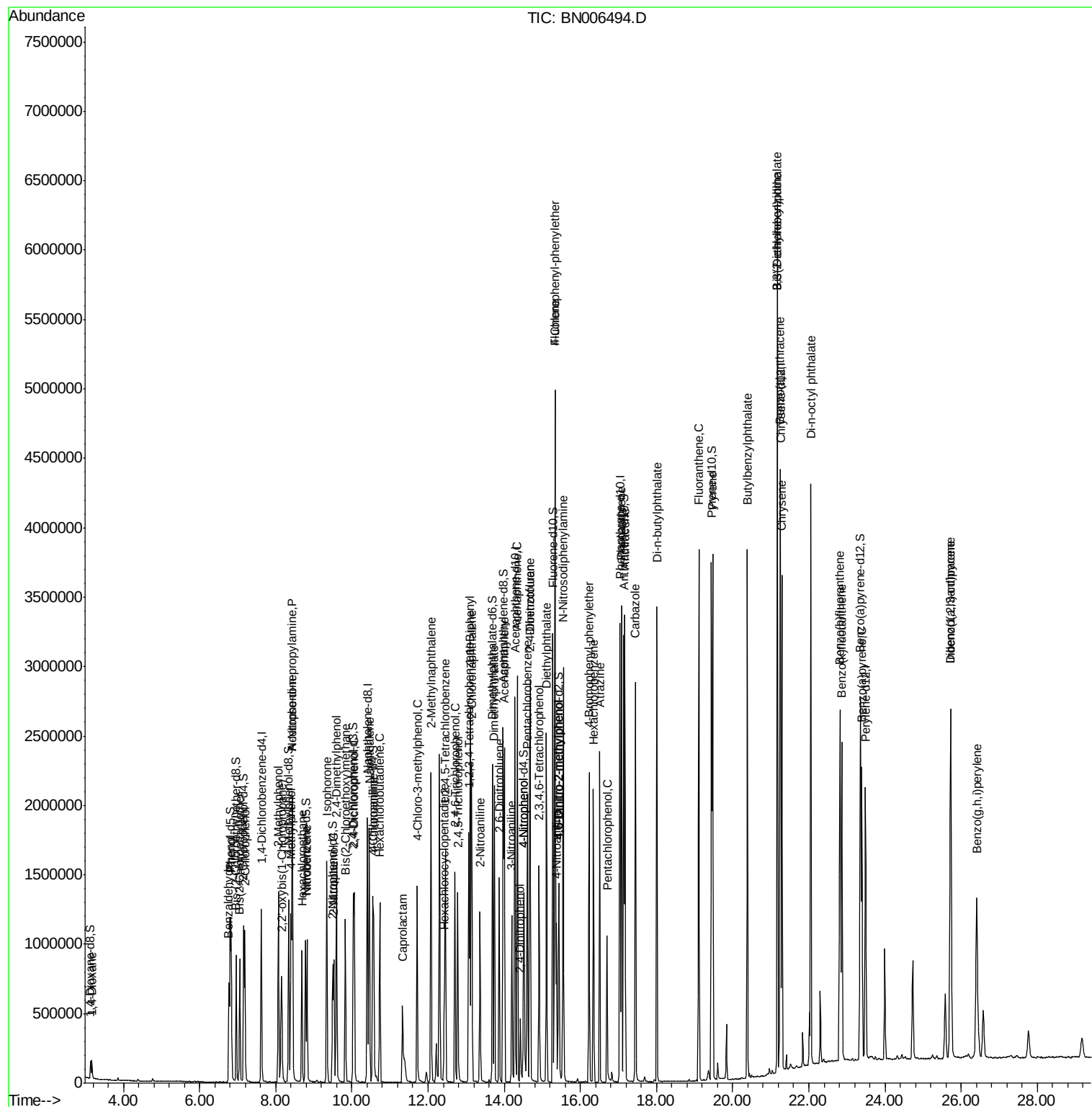
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.45 | 216  | 507572   | 19.796 | ng/ul | 99       |
| 37) Hexachlorocyclopentadiene  | 12.43 | 237  | 170142   | 15.274 | ng/ul | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.70 | 196  | 329248   | 19.759 | ng/ul | 100      |
| 39) 2,4,5-Trichlorophenol      | 12.78 | 196  | 346284   | 20.204 | ng/ul | 98       |
| 40) 1,1'-Biphenyl              | 13.10 | 154  | 1323542  | 19.350 | ng/ul | 100      |
| 41) 2-Chloronaphthalene        | 13.15 | 162  | 1028611  | 19.393 | ng/ul | 100      |
| 42) 2-Nitroaniline             | 13.36 | 65   | 341609   | 20.602 | ng/ul | 99       |
| 44) Dimethylphthalate          | 13.74 | 163  | 1284854  | 18.395 | ng/ul | 100      |
| 45) 2,6-Dinitrotoluene         | 13.87 | 165  | 268755   | 19.744 | ng/ul | 100      |
| 47) Acenaphthylene             | 14.00 | 152  | 1556743  | 18.918 | ng/ul | 100      |
| 48) 3-Nitroaniline             | 14.20 | 138  | 275952   | 20.499 | ng/ul | 99       |
| 49) Acenaphthene               | 14.35 | 153  | 1107895  | 18.892 | ng/ul | 99       |
| 50) 2,4-Dinitrophenol          | 14.42 | 184  | 100076   | 15.225 | ng/ul | 98       |
| 52) 4-Nitrophenol              | 14.52 | 109  | 163455   | 18.049 | ng/ul | 99       |
| 53) Dibenzofuran               | 14.68 | 168  | 1532988  | 18.864 | ng/ul | 99       |
| 54) 2,4-Dinitrotoluene         | 14.67 | 165  | 381590   | 19.469 | ng/ul | 97       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 287912   | 18.657 | ng/ul | 96       |
| 56) Diethylphthalate           | 15.11 | 149  | 1312446  | 18.598 | ng/ul | 99       |
| 58) Fluorene                   | 15.33 | 166  | 1232190  | 18.758 | ng/ul | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.33 | 204  | 606671   | 18.850 | ng/ul | 98       |
| 60) 4-Nitroaniline             | 15.37 | 138  | 276644   | 19.145 | ng/ul | 98       |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 190937   | 16.696 | ng/ul | 98       |
| 64) N-Nitrosodiphenylamine     | 15.55 | 169  | 1088584  | 19.568 | ng/ul | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.23 | 248  | 374442   | 19.687 | ng/ul | 98       |
| 66) Hexachlorobenzene          | 16.35 | 284  | 407174   | 19.198 | ng/ul | 99       |
| 67) Atrazine                   | 16.51 | 200  | 383693   | 20.014 | ng/ul | 99       |
| 68) Pentachlorophenol          | 16.70 | 266  | 186189   | 18.012 | ng/ul | 96       |
| 69) Phenanthrene               | 17.08 | 178  | 1915651  | 18.804 | ng/ul | 99       |
| 71) Anthracene                 | 17.17 | 178  | 1979343  | 19.140 | ng/ul | 100      |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.07 | 216  | 504687   | 20.304 | ng/ul | 98       |
| 73) Pentachlorobenzene         | 14.60 | 250  | 492697   | 19.879 | ng/ul | 100      |
| 74) Carbazole                  | 17.45 | 167  | 1748444  | 19.591 | ng/ul | 100      |
| 75) Di-n-butylphthalate        | 18.01 | 149  | 2301995  | 20.205 | ng/ul | 100      |
| 76) Fluoranthene               | 19.11 | 202  | 2118394  | 19.295 | ng/ul | 99       |
| 79) Pyrene                     | 19.47 | 202  | 2103531  | 22.227 | ng/ul | 99       |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 1015621  | 23.934 | ng/ul | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 530160   | 18.039 | ng/ul | 99       |
| 82) Benzo(a)anthracene         | 21.25 | 228  | 1821958  | 19.177 | ng/ul | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 1470870  | 24.172 | ng/ul | 99       |
| 84) Chrysene                   | 21.30 | 228  | 1698701  | 18.786 | ng/ul | 99       |
| 86) Di-n-octyl phthalate       | 22.05 | 149  | 2405106  | 28.812 | ng/ul | 100      |
| 87) Benzo(b)fluoranthene       | 22.82 | 252  | 1588765  | 20.377 | ng/ul | 100      |
| 88) Benzo(k)fluoranthene       | 22.86 | 252  | 1466300  | 19.677 | ng/ul | 99       |
| 90) Benzo(a)pyrene             | 23.39 | 252  | 1437496  | 19.227 | ng/ul | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.73 | 276  | 1586278  | 17.928 | ng/ul | 100      |
| 92) Dibenzo(a,h)anthracene     | 25.73 | 278  | 1320305  | 18.020 | ng/ul | 99       |
| 93) Benzo(g,h,i)perylene       | 26.41 | 276  | 1313241  | 17.623 | ng/ul | 99       |

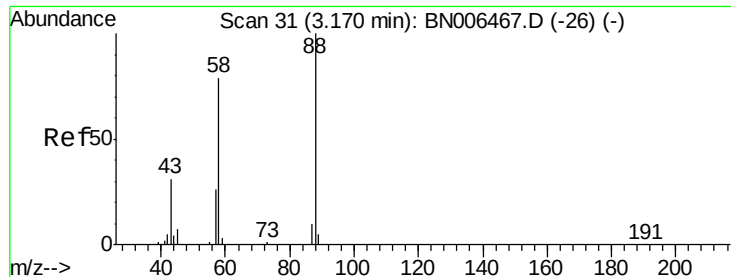
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 21 22:42:34 2019  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.506 ng/uL

RT: 3.17 min Scan# 31

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

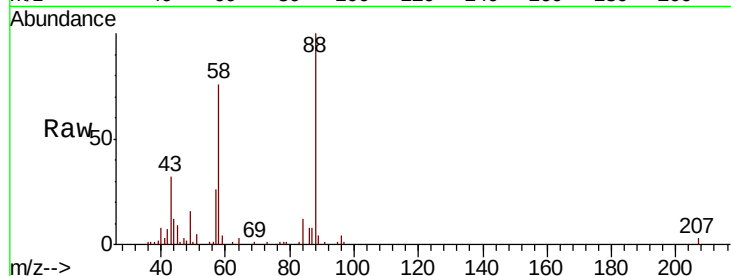
Tgt Ion: 88 Resp: 62694

Ion Ratio Lower Upper

88 100

43 32.2 27.8 41.6

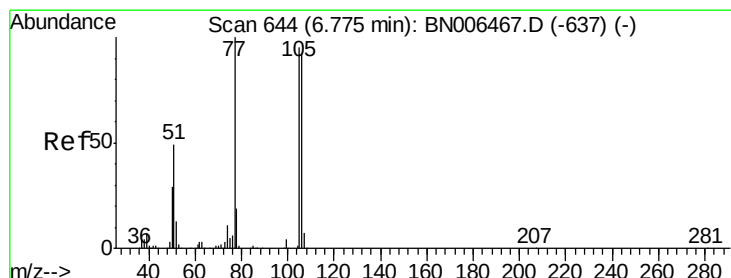
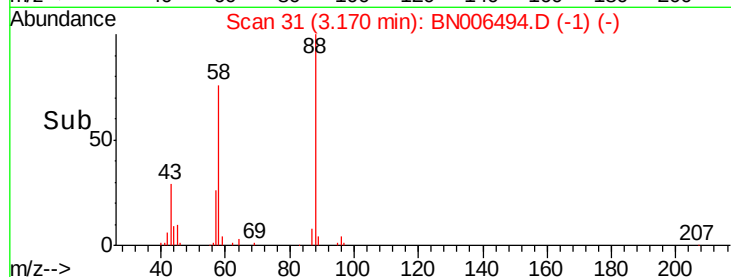
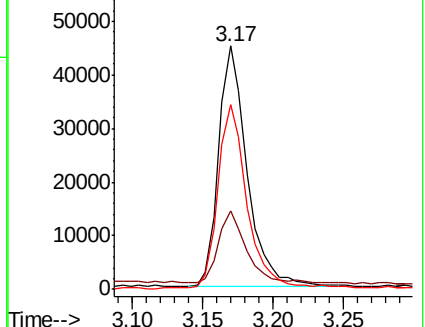
58 75.8 60.2 90.2



Abundance Ion 88.00 (87.70 to 88.70): BN006467.D (-26) (-)

Ion 43.00 (42.70 to 43.70): BN006467.D (-26) (-)

Ion 58.00 (57.70 to 58.70): BN006467.D (-26) (-)



#4

Benzaldehyde

Concen: 18.339 ng/uL

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

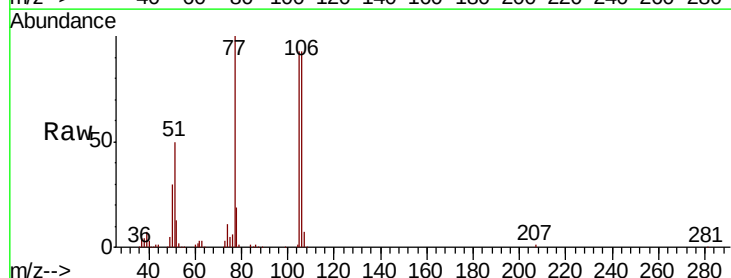
Tgt Ion: 77 Resp: 254027

Ion Ratio Lower Upper

77 100

105 93.0 74.1 111.1

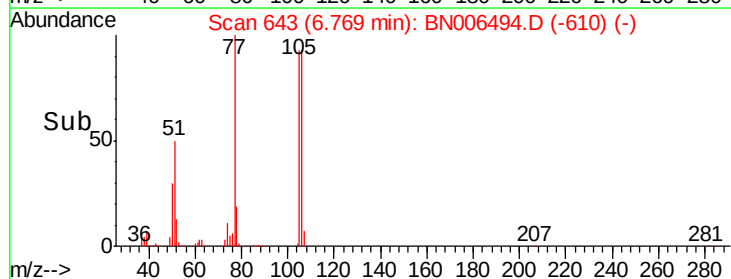
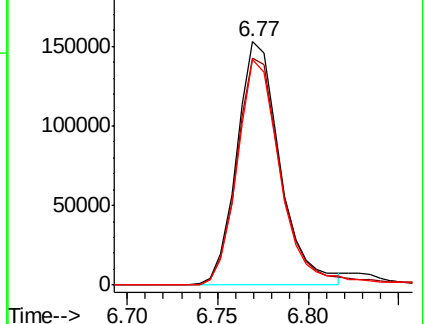
106 92.9 72.7 109.1

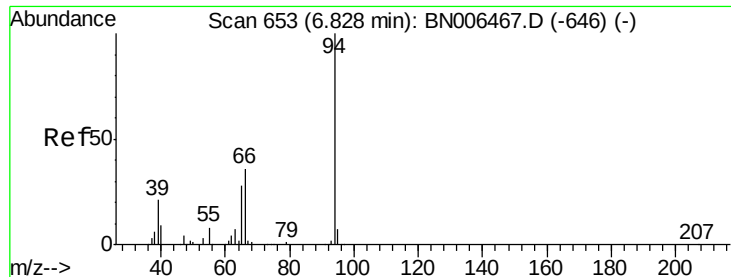


Abundance Ion 77.00 (76.70 to 77.70): BN006467.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BN006467.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BN006467.D (-637) (-)





#6

Phenol

Concen: 18.376 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

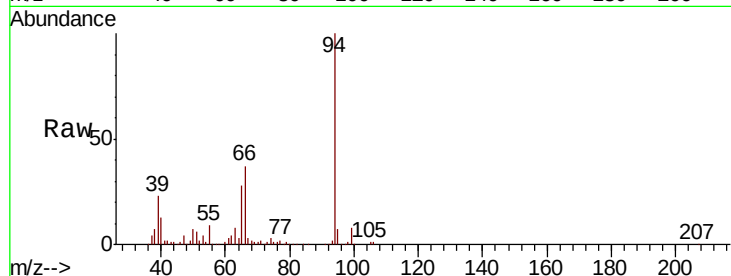
Tgt Ion: 94 Resp: 607543

Ion Ratio Lower Upper

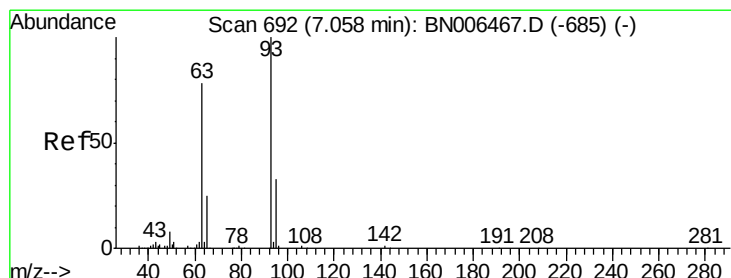
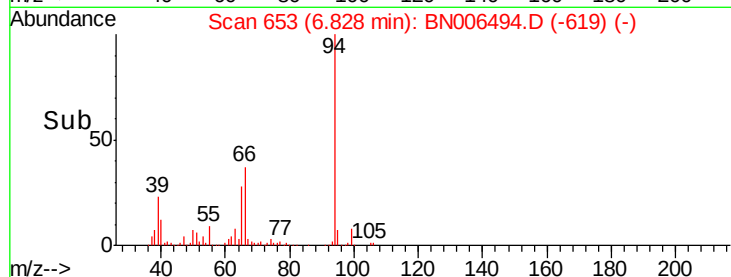
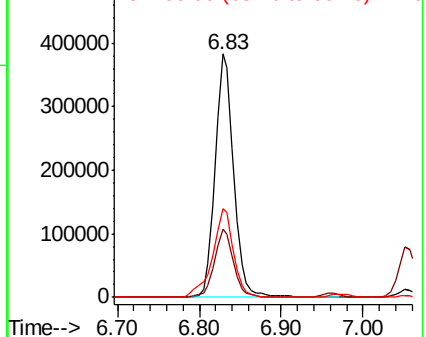
94 100

65 28.2 22.5 33.7

66 36.7 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BN0  
Ion 65.00 (64.70 to 65.70): BN0  
Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 18.471 ng/ul

RT: 7.05 min Scan# 691

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

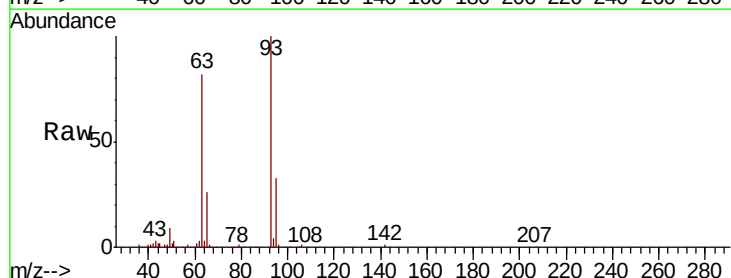
Tgt Ion: 93 Resp: 465010

Ion Ratio Lower Upper

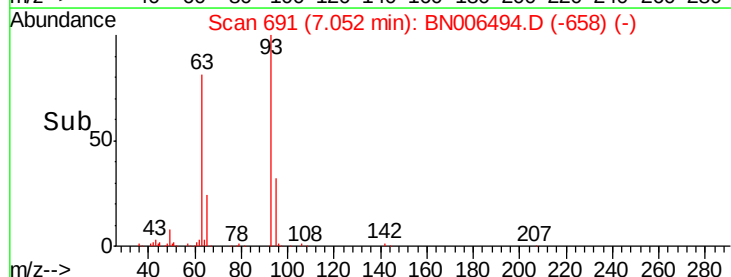
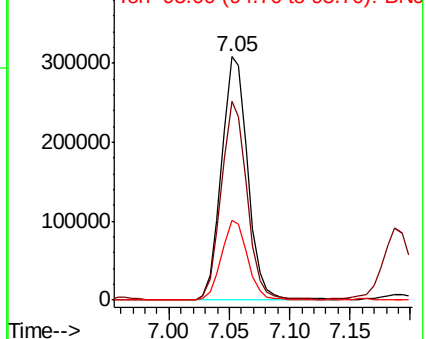
93 100

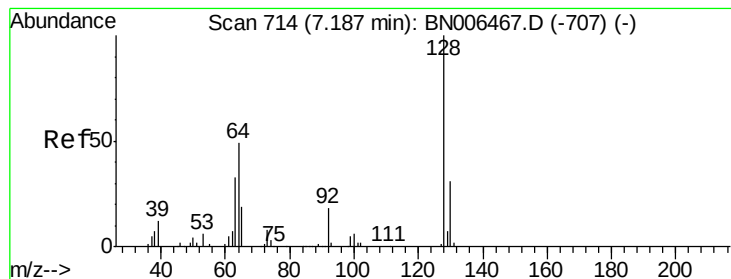
63 81.8 61.8 92.8

95 32.6 25.6 38.4



Abundance Ion 93.00 (92.70 to 93.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0  
Ion 95.00 (94.70 to 95.70): BN0





#10

2-Chlorophenol

Concen: 18.501 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

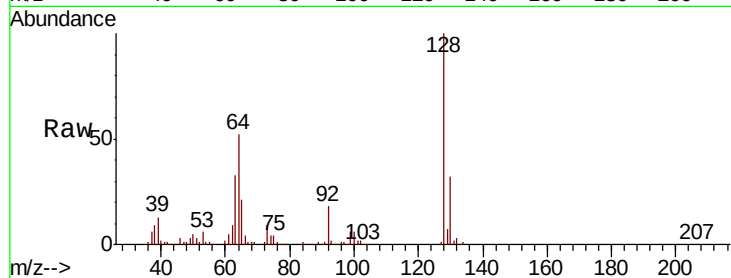
Tgt Ion:128 Resp: 448252

Ion Ratio Lower Upper

128 100

64 51.5 42.4 63.6

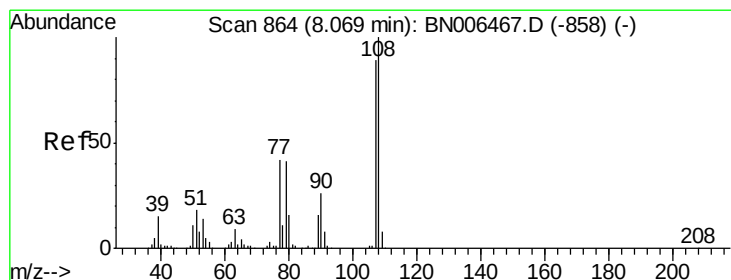
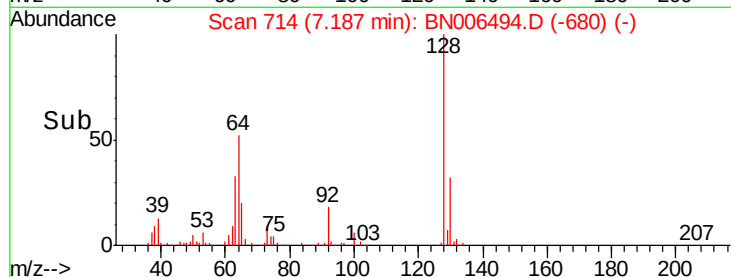
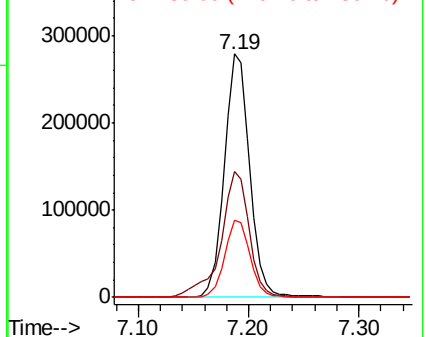
130 31.5 26.6 39.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.110 ng/ul

RT: 8.07 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN006494.D

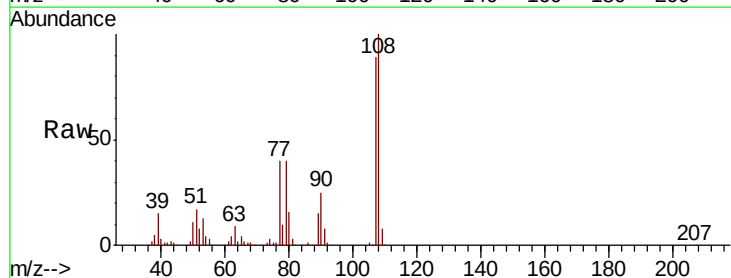
Acq: 22 Jun 2019 18:06

Tgt Ion:108 Resp: 453473

Ion Ratio Lower Upper

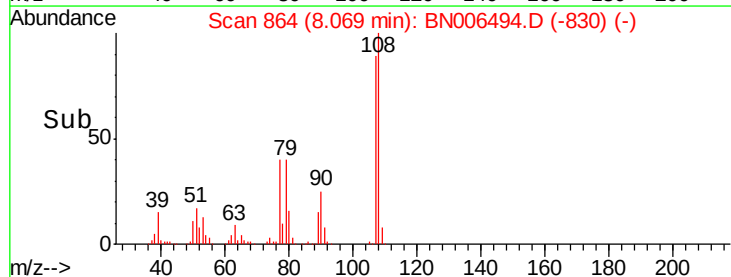
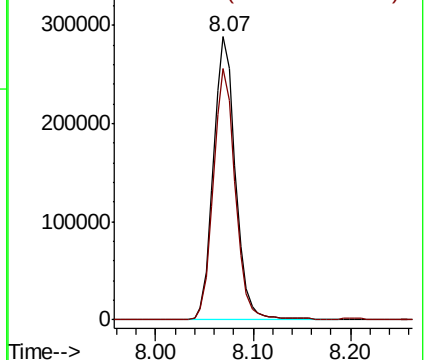
108 100

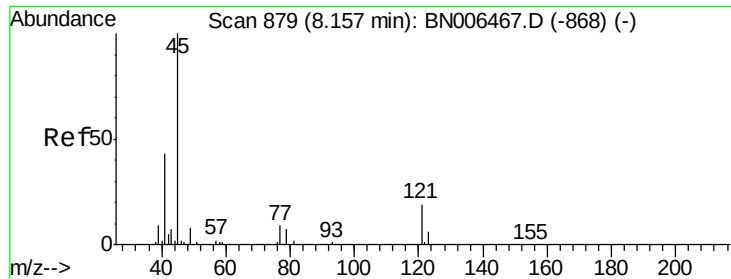
107 88.9 71.3 106.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

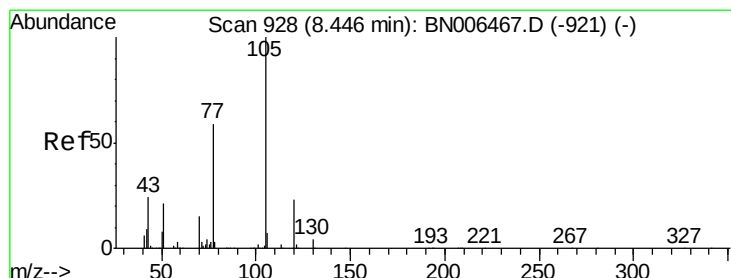
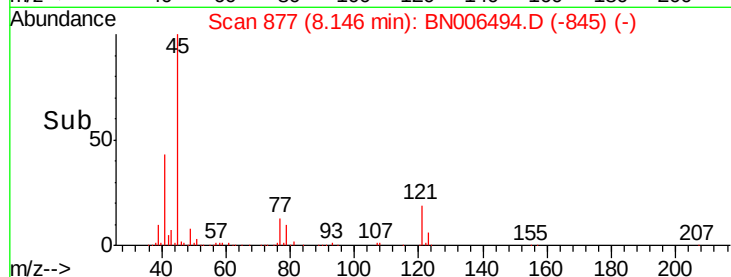
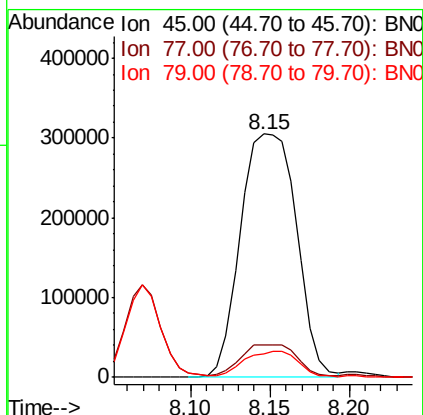
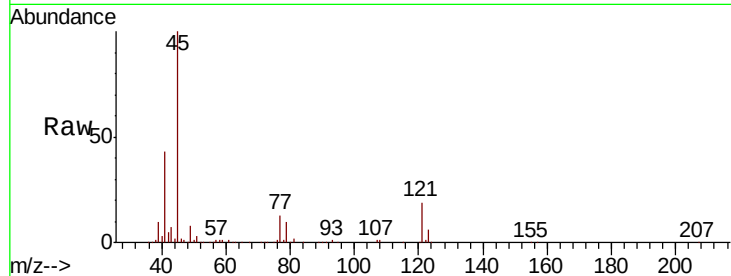




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 18.812 ng/ul  
RT: 8.15 min Scan# 877  
Delta R.T. -0.01 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

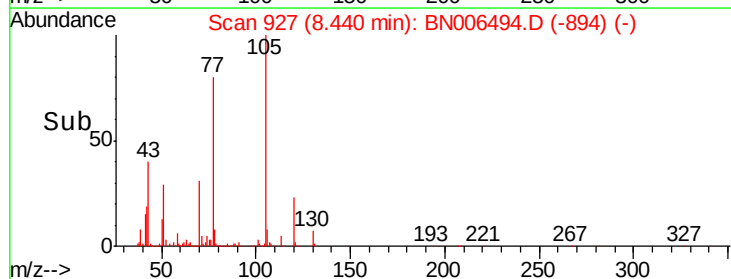
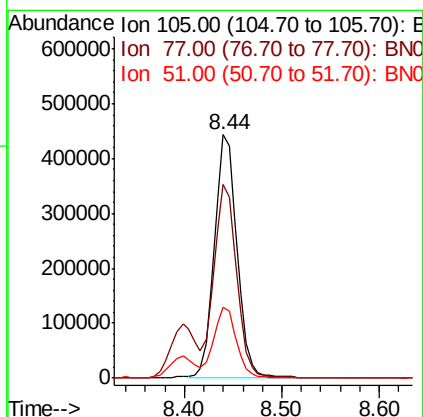
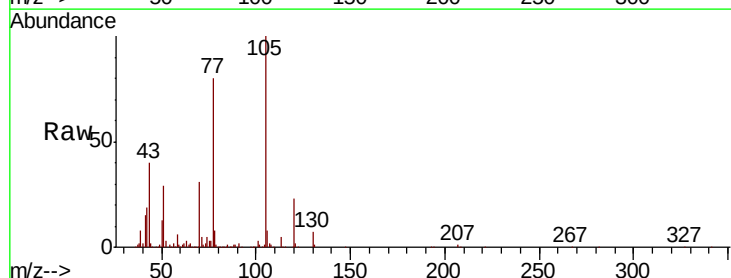
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

Tgt Ion: 45 Resp: 749064  
Ion Ratio Lower Upper  
45 100  
77 13.4 11.2 16.8  
79 9.8 8.4 12.6

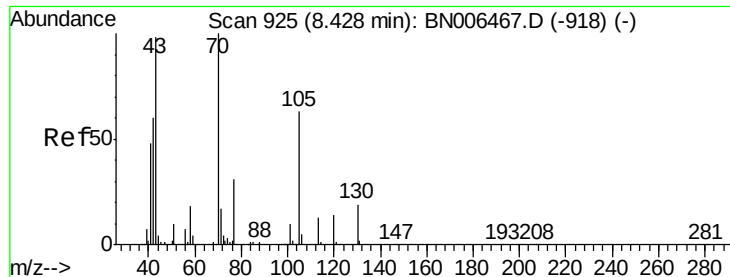


#14  
Acetophenone  
Concen: 18.255 ng/ul  
RT: 8.44 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Tgt Ion: 105 Resp: 712520  
Ion Ratio Lower Upper  
105 100  
77 79.8 64.1 96.1  
51 29.2 23.0 34.6







#15

N-Nitroso-di-n-propylamine

Concen: 17.871 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

Tgt Ion: 70 Resp: 391789

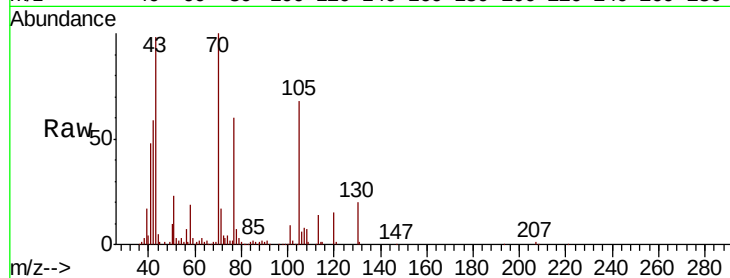
Ion Ratio Lower Upper

70 100

42 59.3 48.0 72.0

101 9.5 7.4 11.0

130 20.2 16.1 24.1

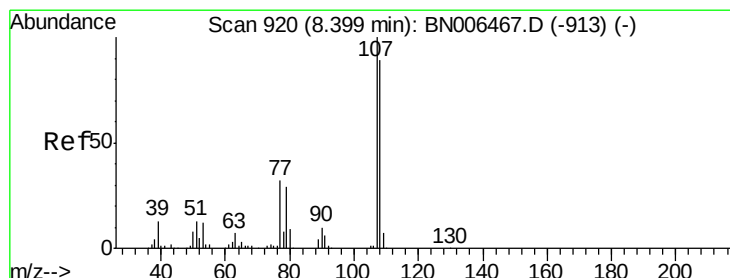
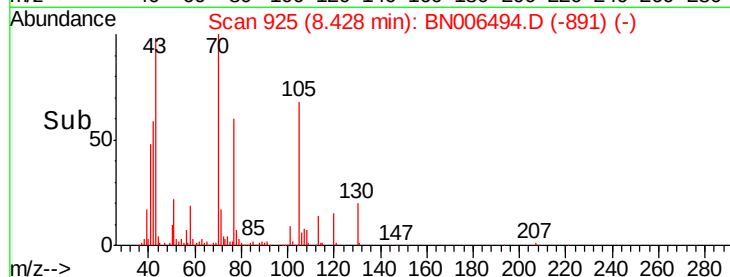
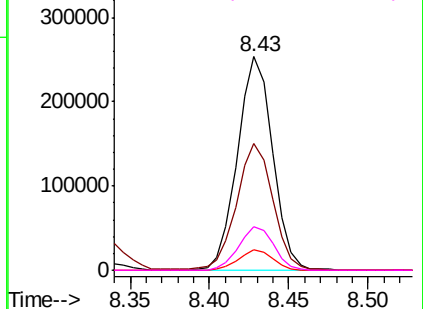


Abundance Ion 70.00 (69.70 to 70.70): BN006467.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BN006467.D (-918) (-)

Ion 101.00 (100.70 to 101.70): BN006467.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BN006467.D (-918) (-)



#16

4-Methylphenol

Concen: 17.868 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BN006494.D

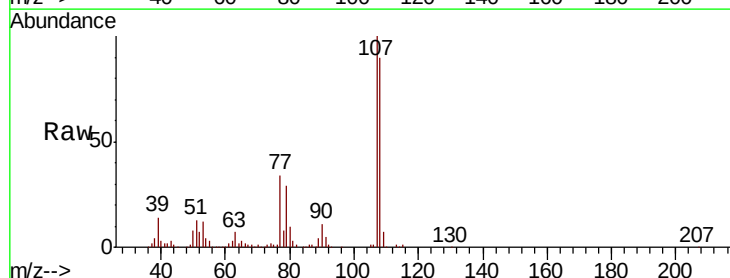
Acq: 22 Jun 2019 18:06

Tgt Ion: 108 Resp: 490108

Ion Ratio Lower Upper

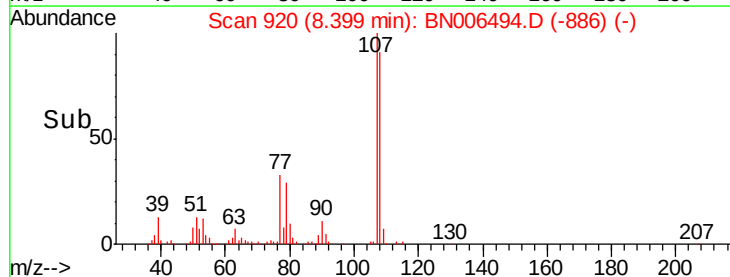
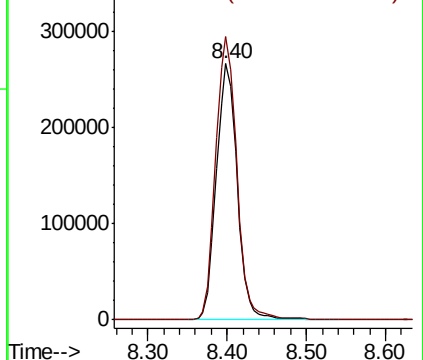
108 100

107 110.5 89.4 134.0

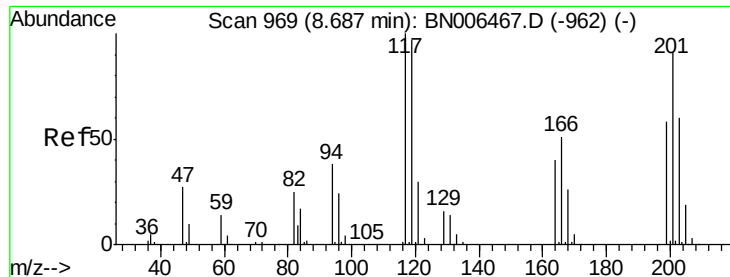


Abundance Ion 108.00 (107.70 to 108.70): BN006467.D (-913) (-)

Ion 107.00 (106.70 to 107.70): BN006467.D (-913) (-)







#17

Hexachloroethane

Concen: 18.314 ng/ul

RT: 8.69 min Scan# 969

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

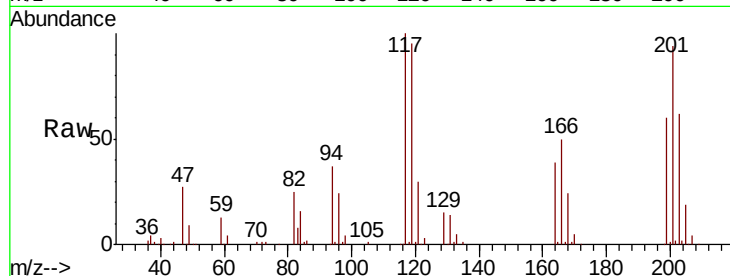
Tgt Ion:117 Resp: 179927

Ion Ratio Lower Upper

117 100

201 93.9 77.4 116.0

199 59.9 48.6 73.0

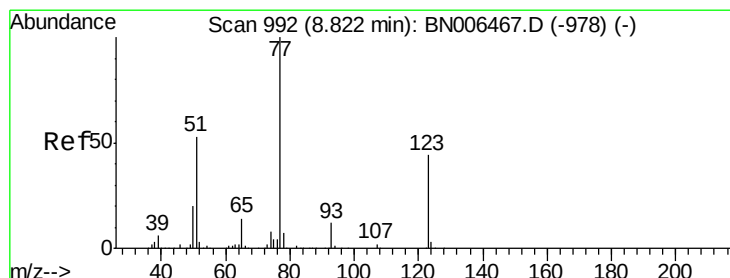
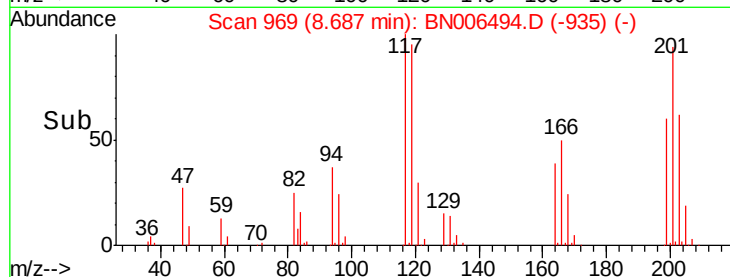
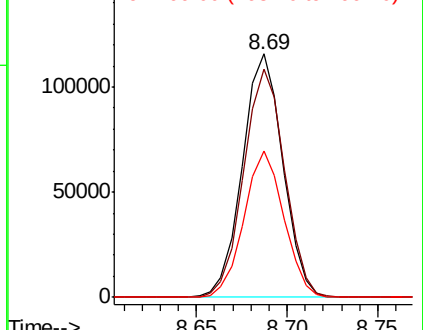


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.095 ng/ul

RT: 8.82 min Scan# 992

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

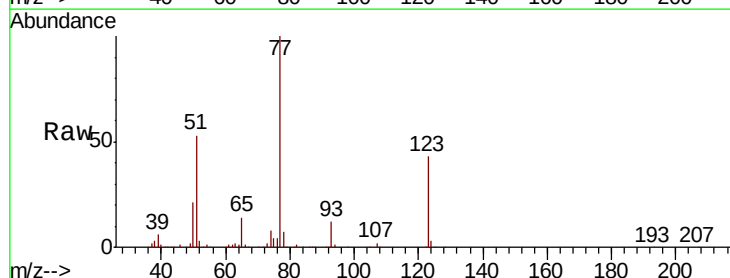
Tgt Ion: 77 Resp: 544368

Ion Ratio Lower Upper

77 100

123 43.3 33.7 50.5

65 13.9 10.6 15.8

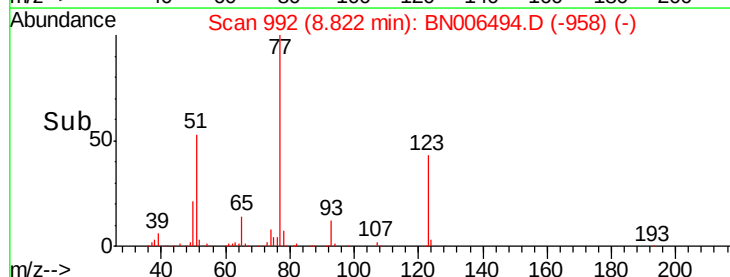
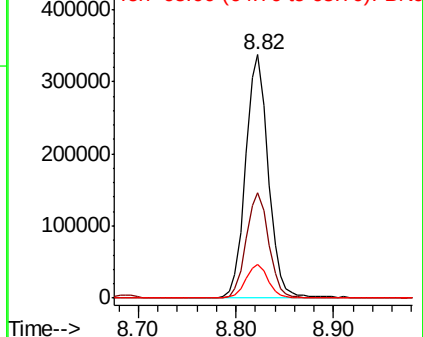


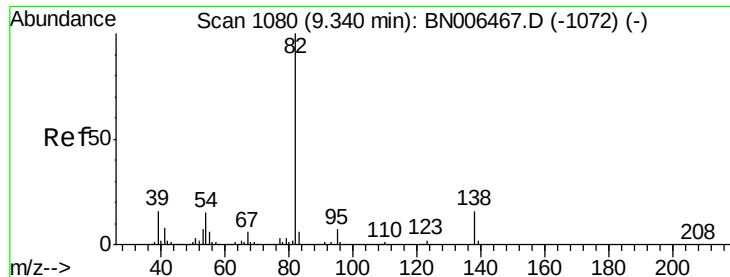
Abundance

Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 18.636 ng/ul

RT: 9.34 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

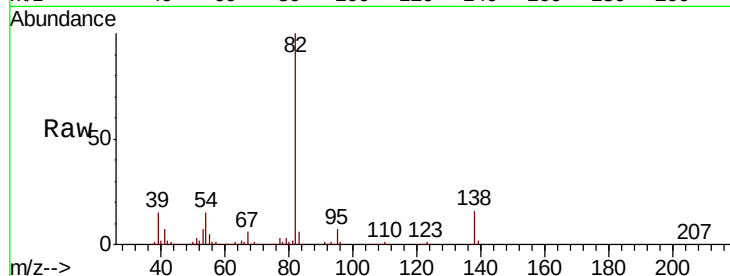
Tgt Ion: 82 Resp: 1098060

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

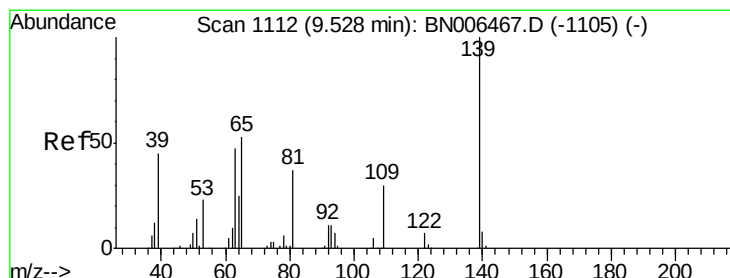
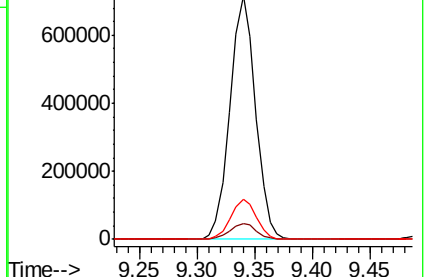
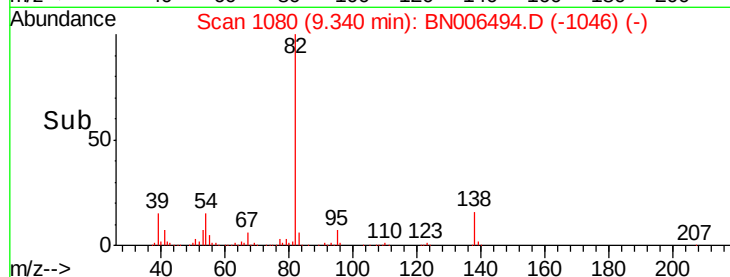
138 16.3 13.7 20.5



Abundance Ion 82.00 (81.70 to 82.70): BN006467.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BN006467.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BN006467.D (-1072) (-)



#23

2-Nitrophenol

Concen: 19.957 ng/ul

RT: 9.53 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

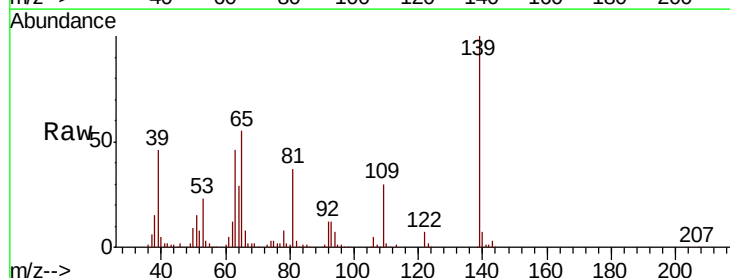
Tgt Ion: 139 Resp: 258475

Ion Ratio Lower Upper

139 100

65 55.2 44.1 66.1

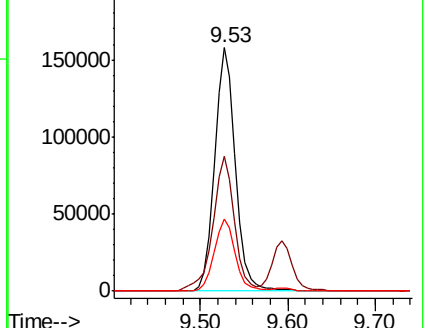
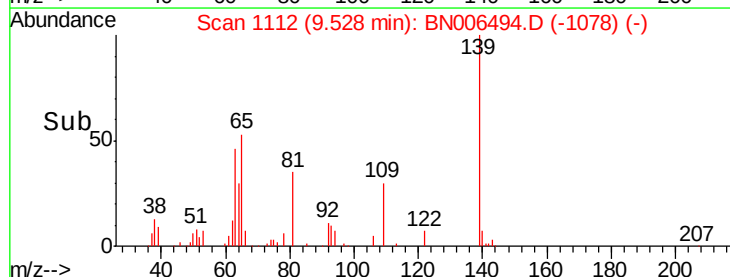
109 29.6 23.8 35.6

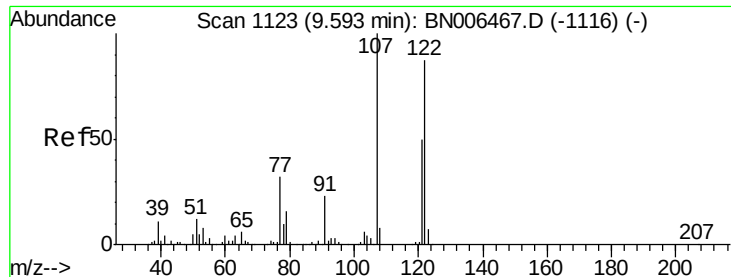


Abundance Ion 139.00 (138.70 to 139.70): BN006467.D (-1105) (-)

Ion 65.00 (64.70 to 65.70): BN006467.D (-1105) (-)

Ion 109.00 (108.70 to 109.70): BN006467.D (-1105) (-)

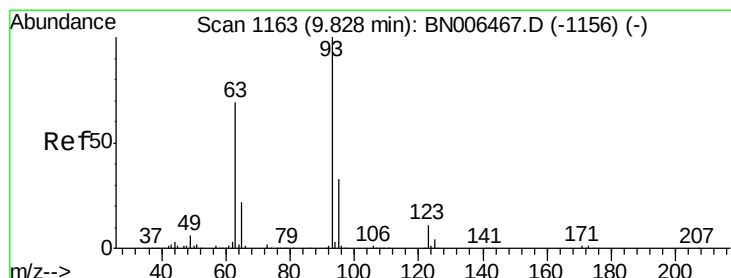
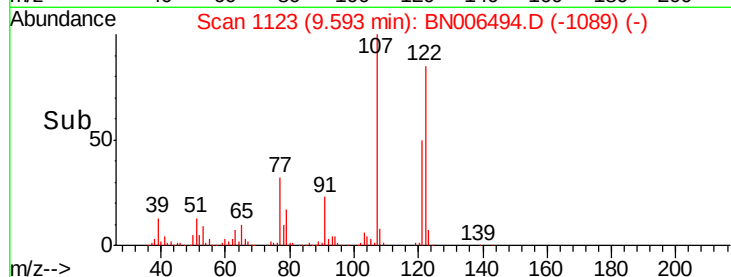
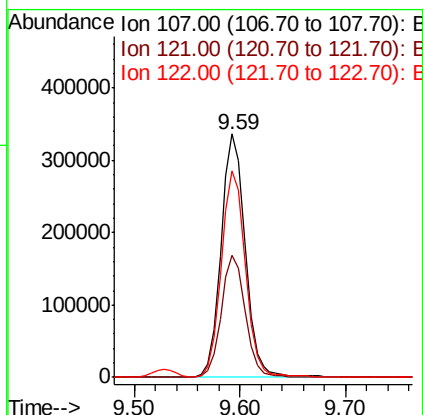
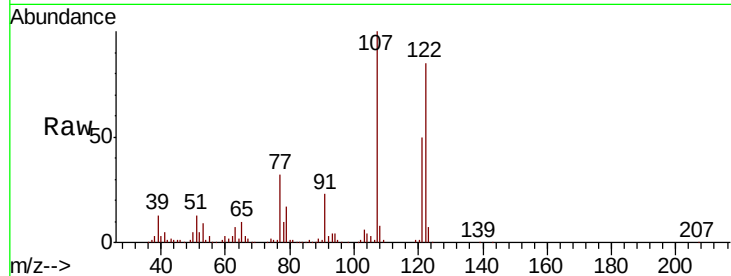




#24  
 2,4-Dimethylphenol  
 Concen: 18.997 ng/ul  
 RT: 9.59 min Scan# 1123  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

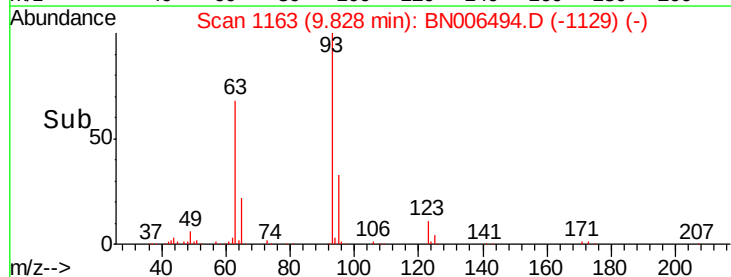
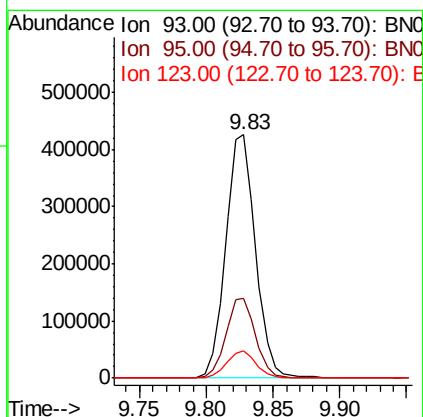
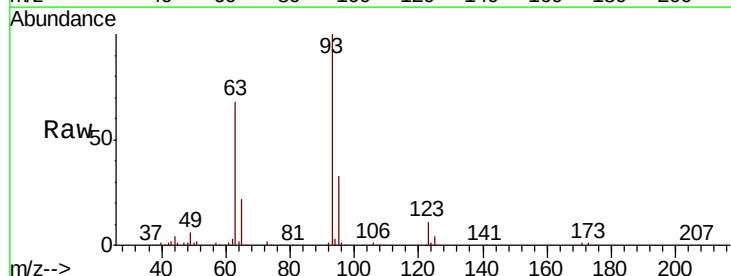
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02023

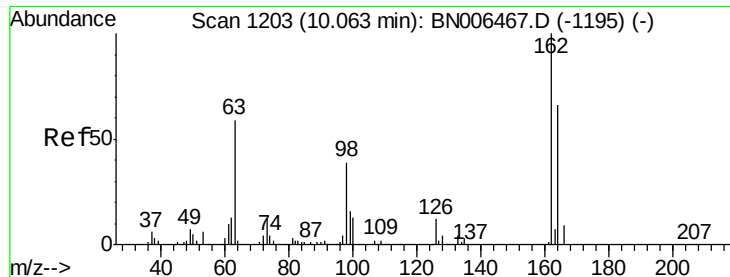
Tgt Ion: 107 Resp: 537064  
 Ion Ratio Lower Upper  
 107 100  
 121 50.1 40.7 61.1  
 122 85.1 69.0 103.4



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.609 ng/ul  
 RT: 9.83 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Tgt Ion: 93 Resp: 665240  
 Ion Ratio Lower Upper  
 93 100  
 95 32.5 25.9 38.9  
 123 11.0 8.8 13.2

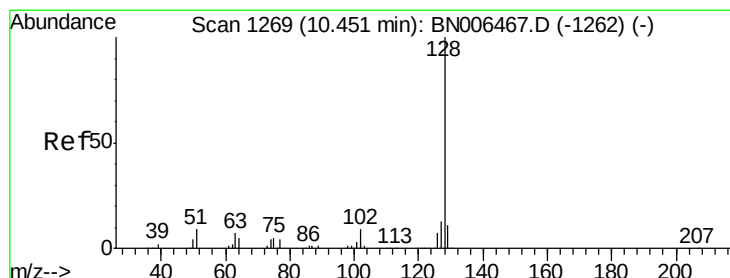
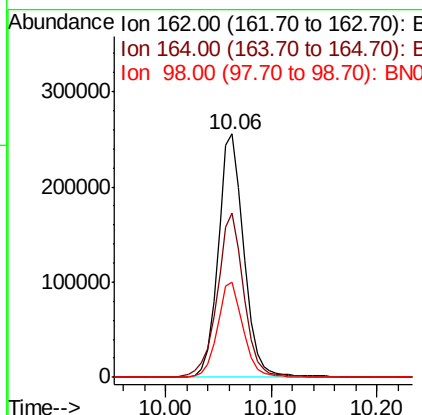
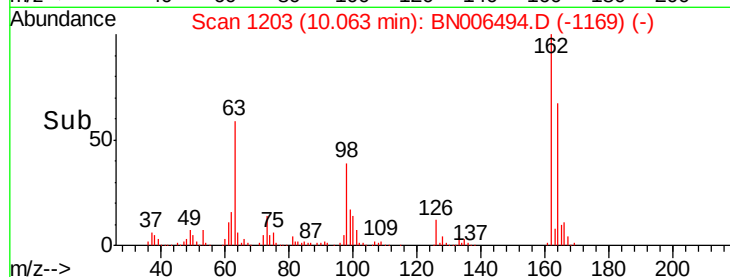
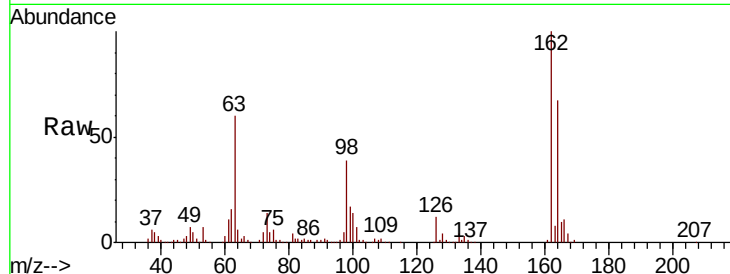




#27  
2,4-Dichlorophenol  
Concen: 19.144 ng/ul  
RT: 10.06 min Scan# 1203  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

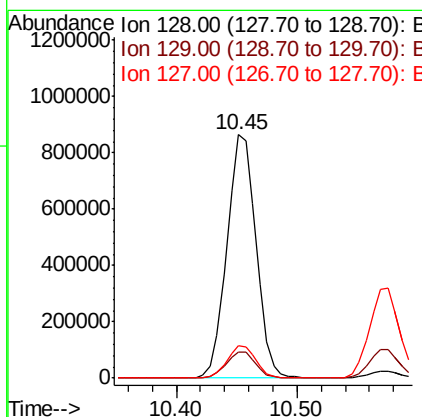
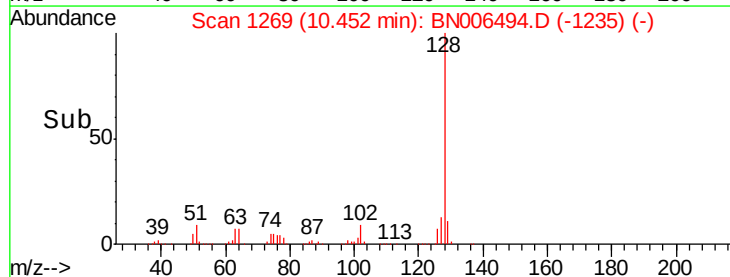
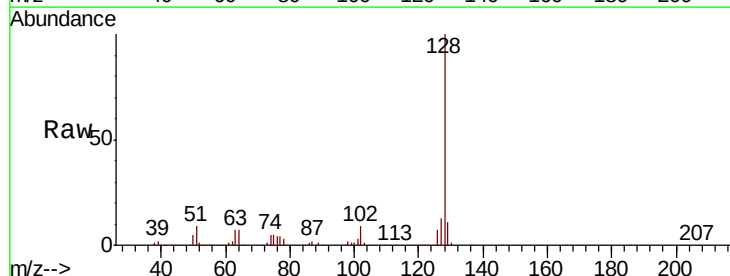
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

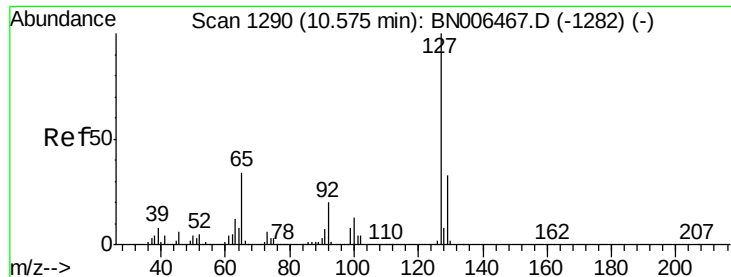
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.3  | 52.6  | 79.0  |
| 98      | 39.3  | 30.9  | 46.3  |



#28  
Naphthalene  
Concen: 18.673 ng/ul  
RT: 10.45 min Scan# 1269  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.8   | 13.2  |
| 127     | 13.4  | 10.4  | 15.6  |

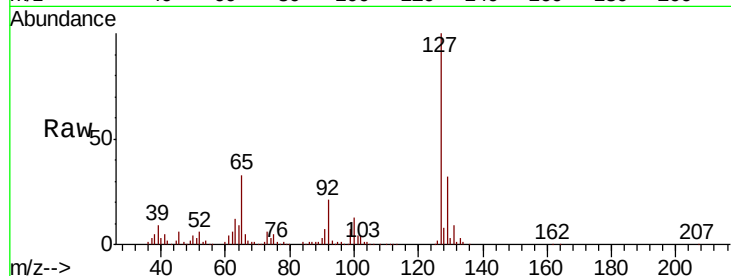




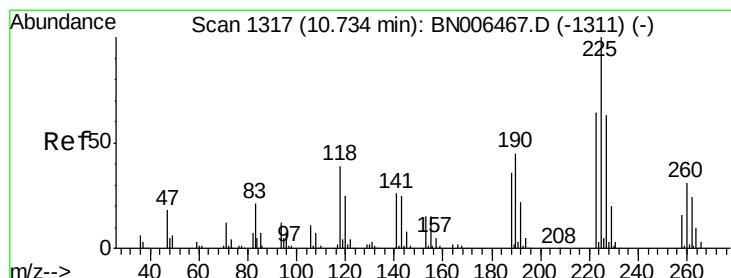
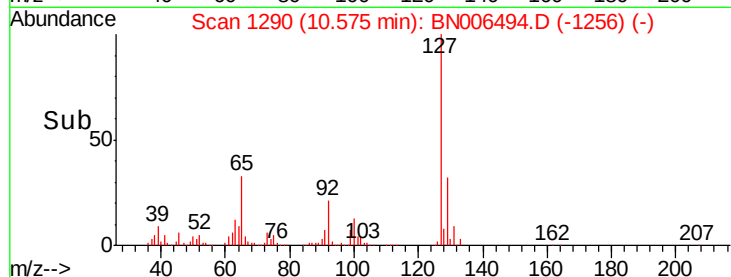
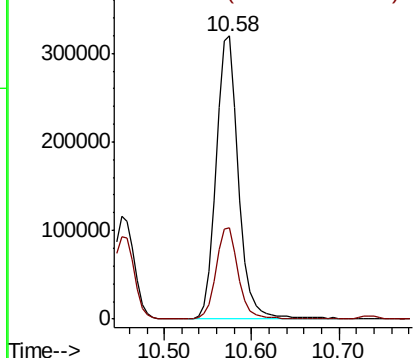
#30  
4-Chloroaniline  
Concen: 21.049 ng/ul  
RT: 10.58 min Scan# 1290  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

Tgt Ion:127 Resp: 564862  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.8 38.8

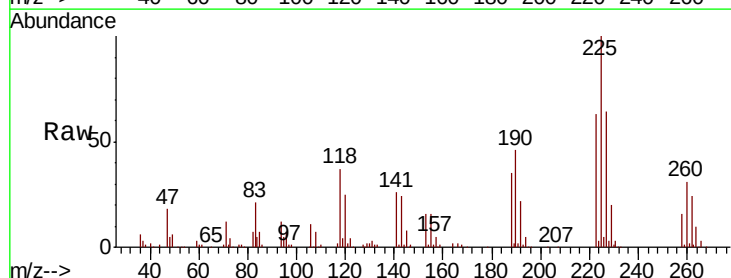


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

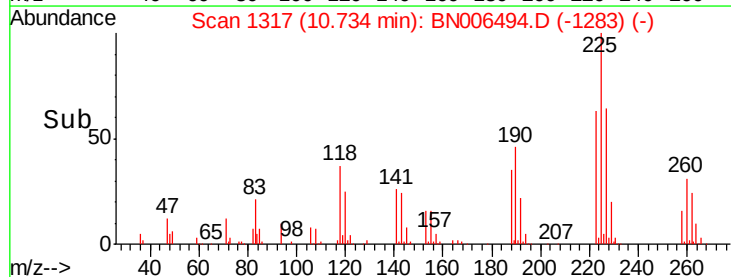
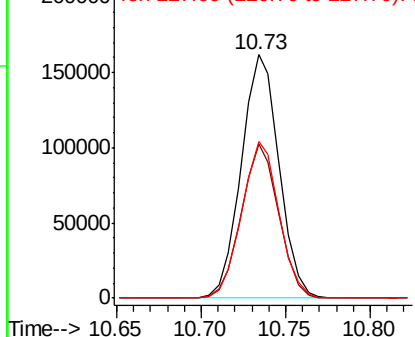


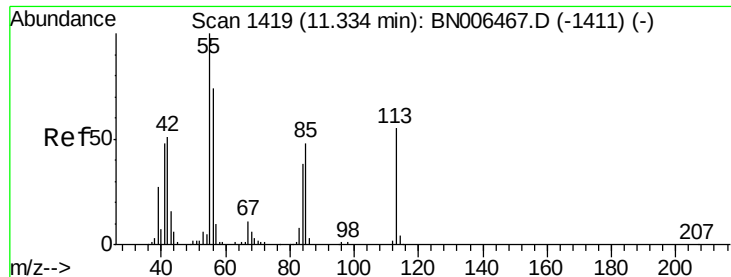
#31  
Hexachlorobutadiene  
Concen: 19.100 ng/ul  
RT: 10.73 min Scan# 1317  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Tgt Ion:225 Resp: 250808  
Ion Ratio Lower Upper  
225 100  
223 63.2 51.3 76.9  
227 64.4 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 11.819 ng/ul

RT: 11.33 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

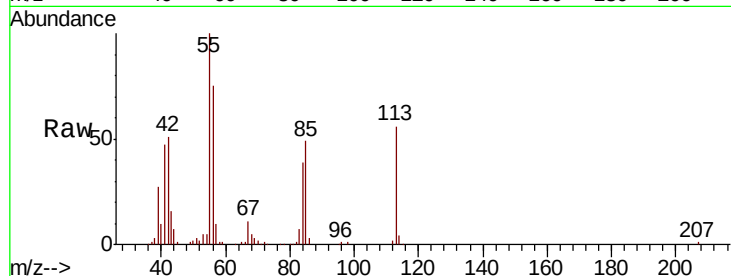
Tgt Ion:113 Resp: 102576

Ion Ratio Lower Upper

113 100

55 179.2 137.3 205.9

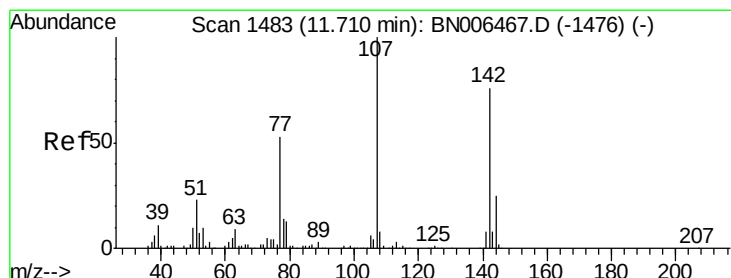
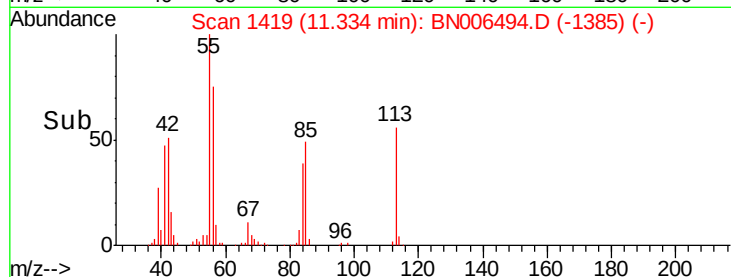
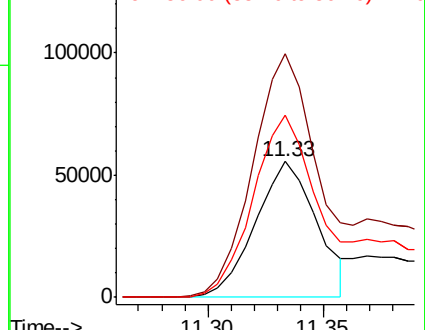
56 133.7 102.6 154.0



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: 18.742 ng/ul

RT: 11.71 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

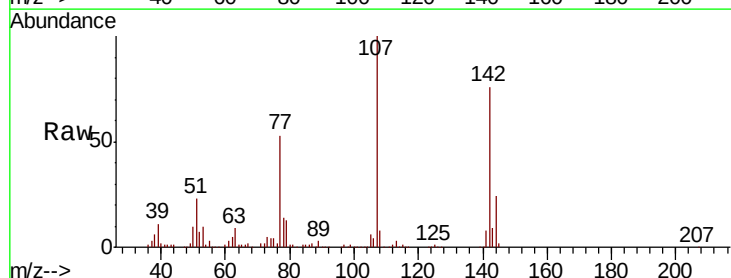
Tgt Ion:107 Resp: 509573

Ion Ratio Lower Upper

107 100

144 24.3 20.7 31.1

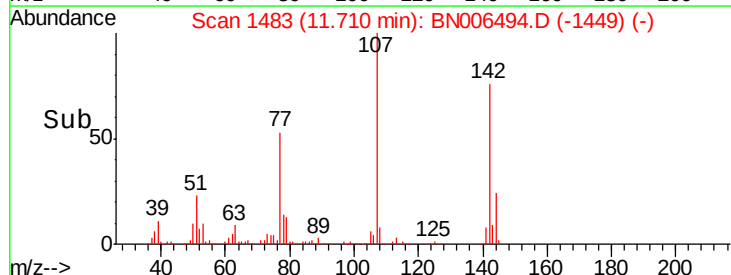
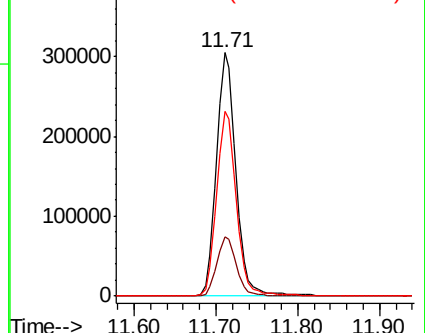
142 75.8 60.8 91.2

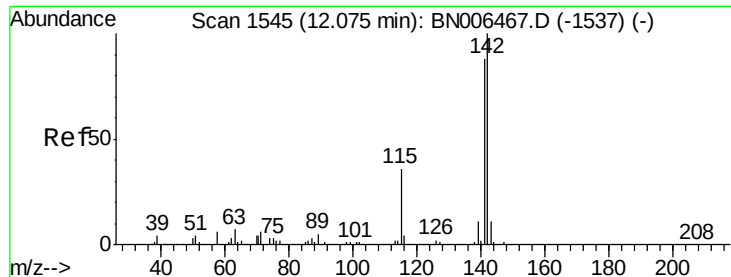


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

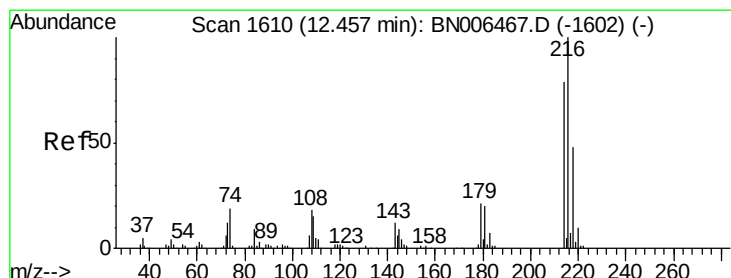
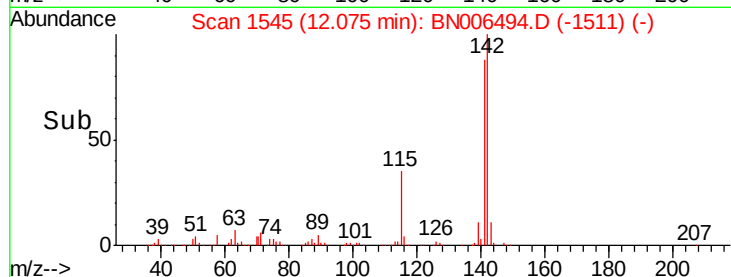
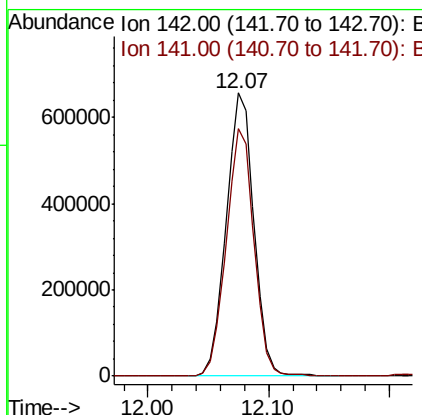
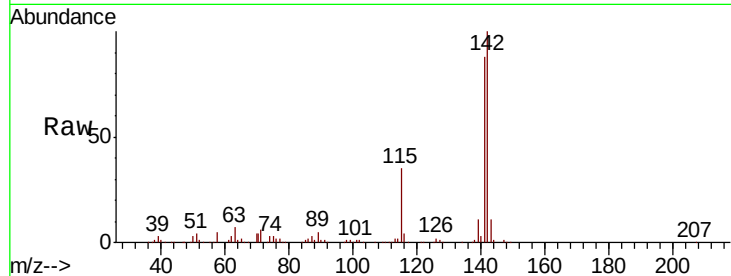




#34  
2-Methylnaphthalene  
Concen: 18.608 ng/ul  
RT: 12.07 min Scan# 1545  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

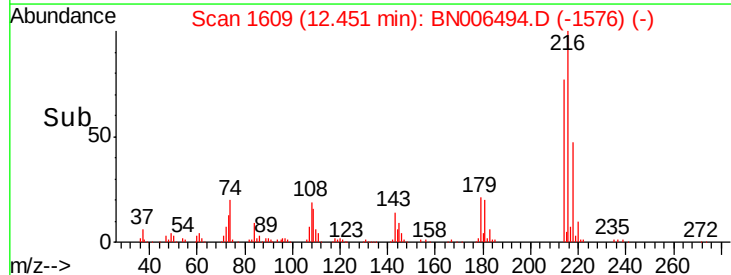
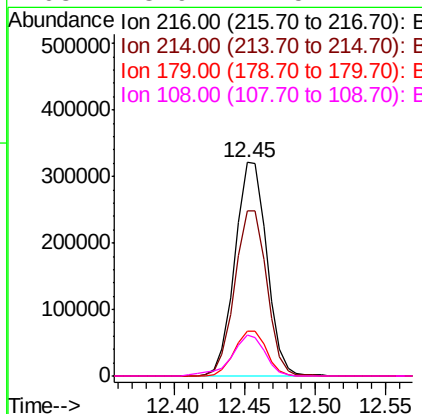
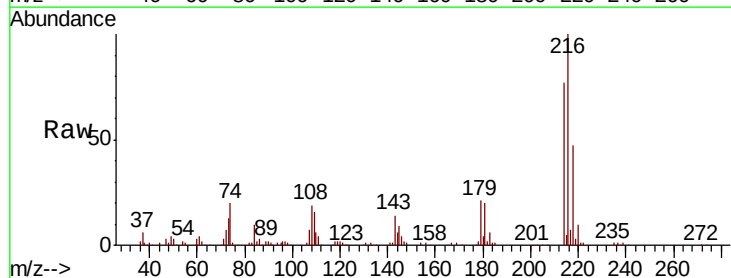
Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

Tgt Ion:142 Resp: 1045811  
Ion Ratio Lower Upper  
142 100  
141 87.6 71.3 106.9

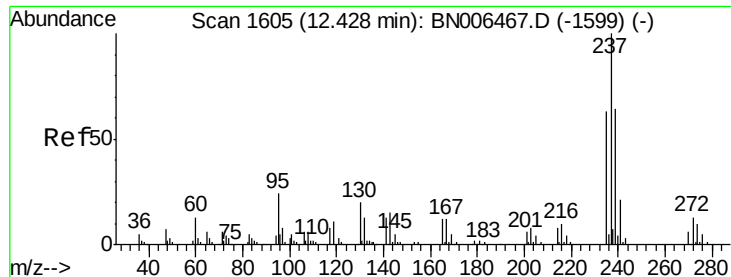


#36  
1,2,4,5-Tetrachlorobenzene  
Concen: 19.796 ng/ul  
RT: 12.45 min Scan# 1609  
Delta R.T. -0.01 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Tgt Ion:216 Resp: 507572  
Ion Ratio Lower Upper  
216 100  
214 77.4 61.4 92.0  
179 21.0 16.9 25.3  
108 18.9 14.5 21.7







#37

Hexachlorocyclopentadiene

Concen: 15.274 ng/ul

RT: 12.43 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

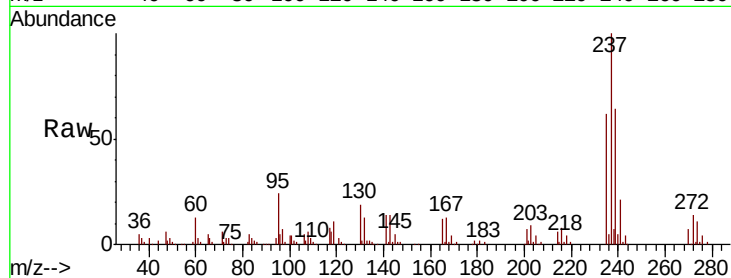
Tgt Ion:237 Resp: 170142

Ion Ratio Lower Upper

237 100

235 61.9 50.9 76.3

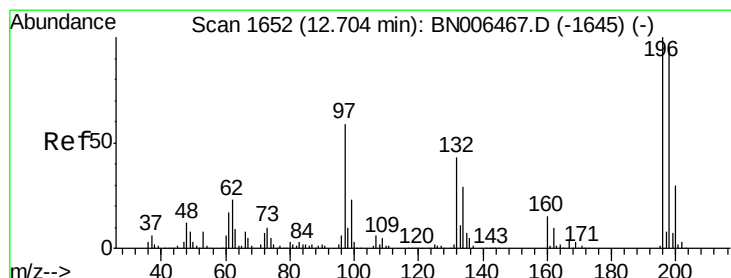
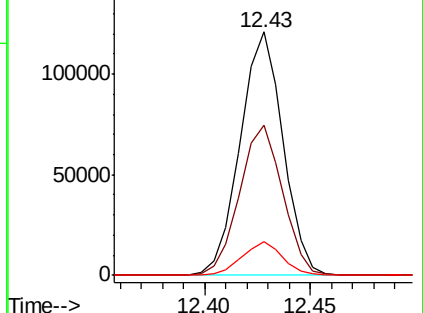
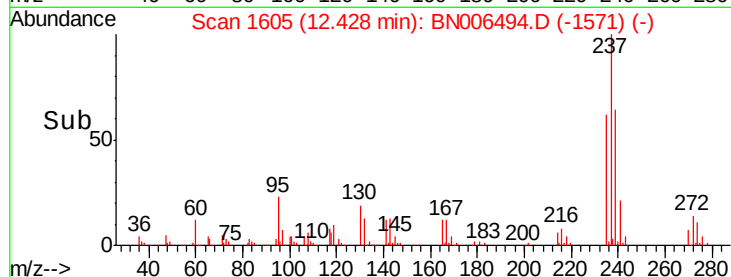
272 13.7 10.6 16.0



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 19.759 ng/ul

RT: 12.70 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

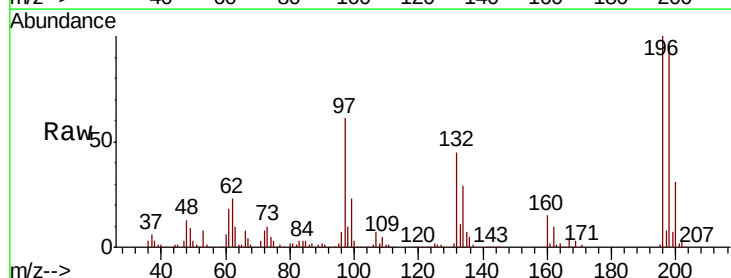
Tgt Ion:196 Resp: 329248

Ion Ratio Lower Upper

196 100

198 95.9 76.7 115.1

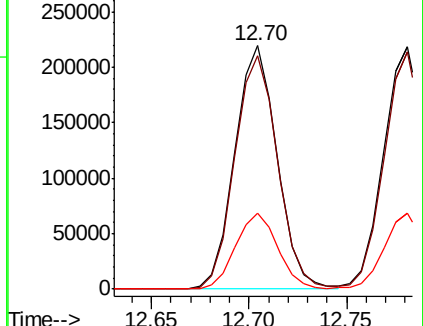
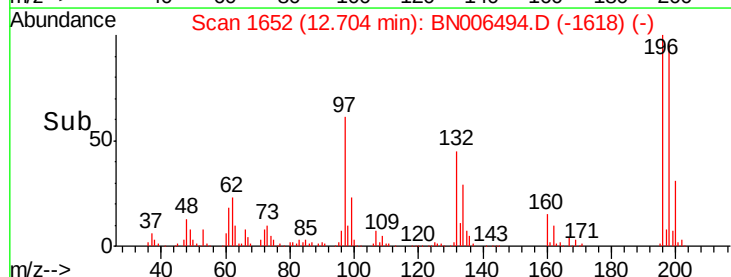
200 31.2 24.8 37.2

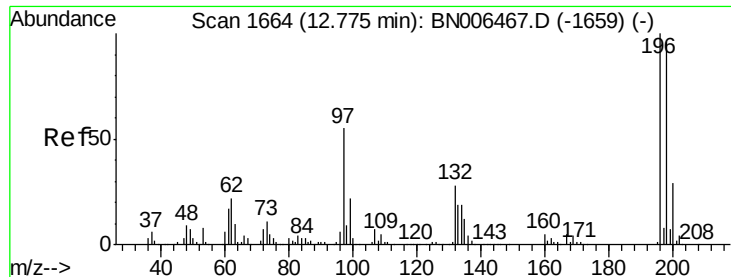


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

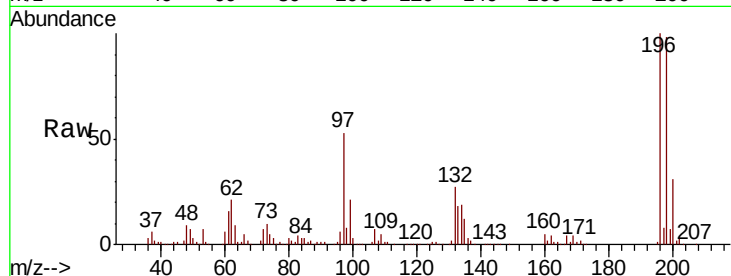




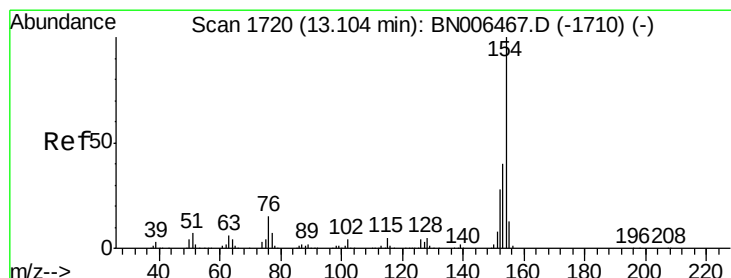
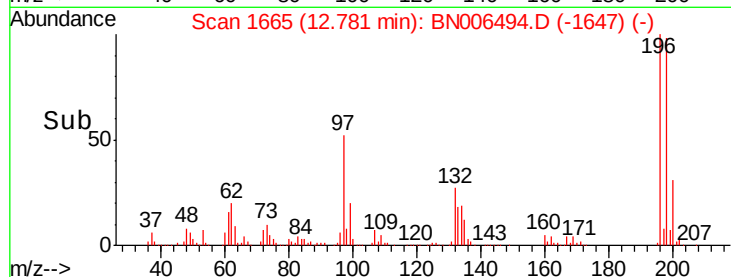
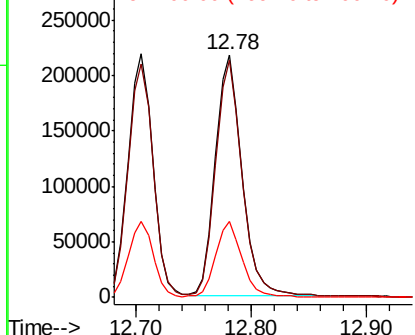
#39  
 2,4,5-Trichlorophenol  
 Concen: 20.204 ng/ul  
 RT: 12.78 min Scan# 1665  
 Delta R.T. 0.01 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02023

Tgt Ion:196 Resp: 346284  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 75.8 113.8  
 200 31.2 24.3 36.5

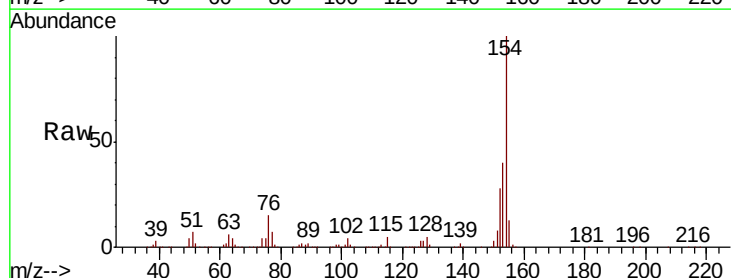


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

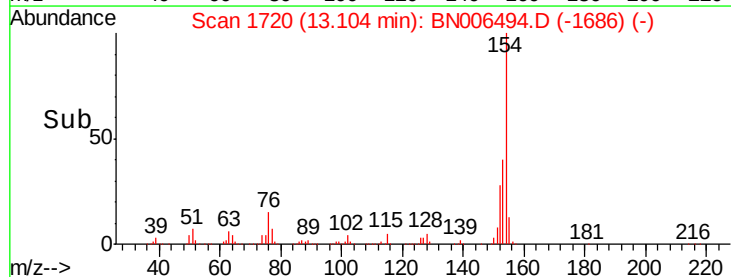
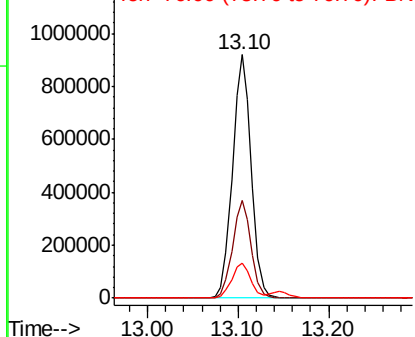


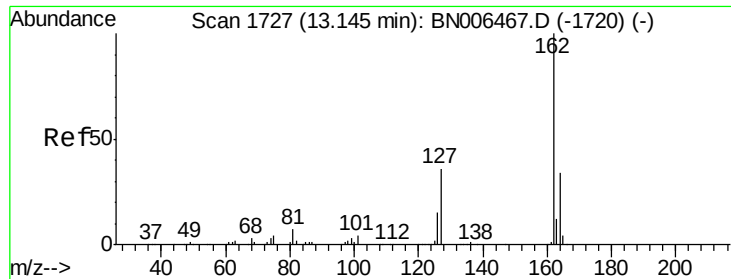
#40  
 1,1'-Biphenyl  
 Concen: 19.350 ng/ul  
 RT: 13.10 min Scan# 1720  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Tgt Ion:154 Resp: 1323542  
 Ion Ratio Lower Upper  
 154 100  
 153 40.0 32.1 48.1  
 76 14.6 11.5 17.3



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

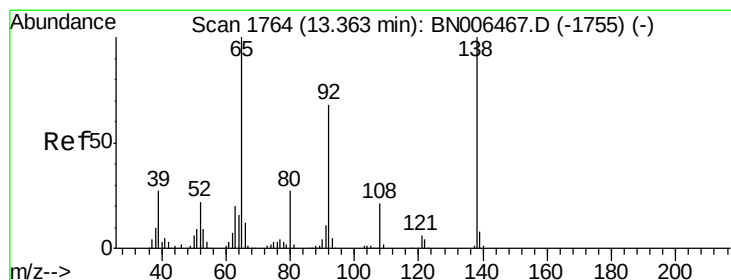
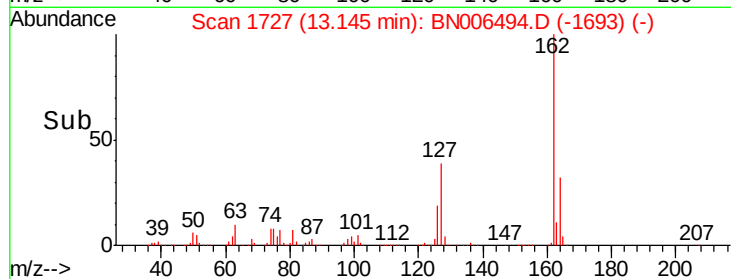
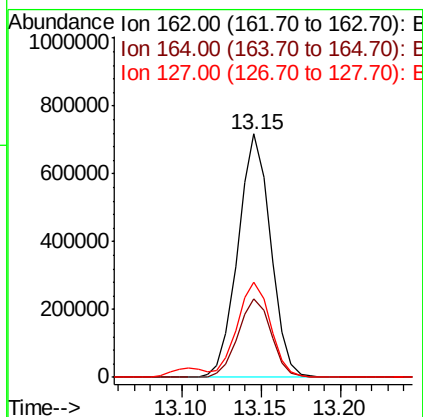
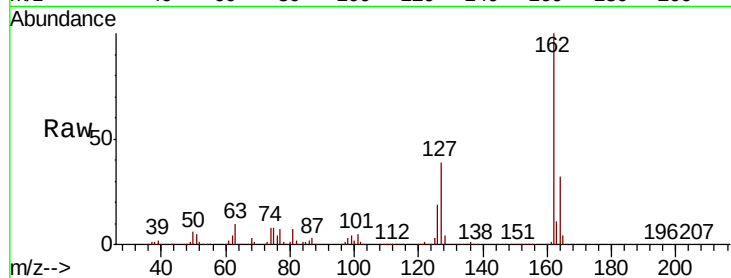




#41  
 2-Chloronaphthalene  
 Concen: 19.393 ng/ul  
 RT: 13.15 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

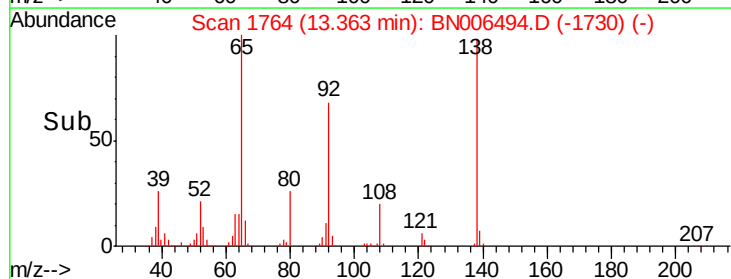
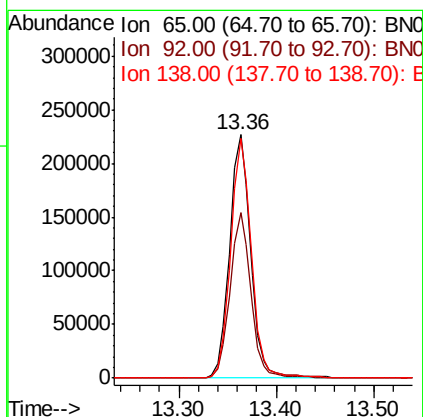
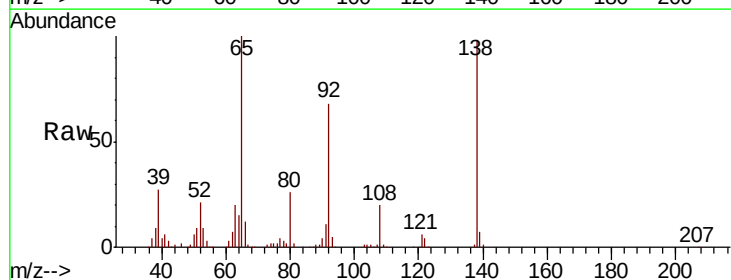
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02023

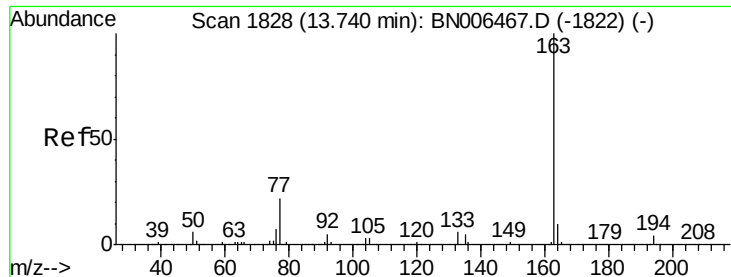
Tgt Ion: 162 Resp: 1028611  
 Ion Ratio Lower Upper  
 162 100  
 164 32.5 26.2 39.4  
 127 39.0 31.4 47.0



#42  
 2-Nitroaniline  
 Concen: 20.602 ng/ul  
 RT: 13.36 min Scan# 1764  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Tgt Ion: 65 Resp: 341609  
 Ion Ratio Lower Upper  
 65 100  
 92 67.9 53.7 80.5  
 138 98.4 77.5 116.3





#44

Dimethylphthalate

Concen: 18.395 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

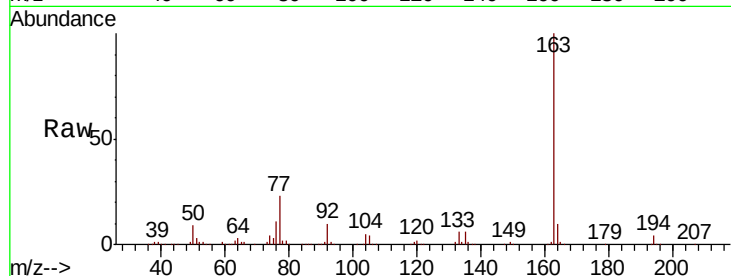
Tgt Ion:163 Resp: 1284854

Ion Ratio Lower Upper

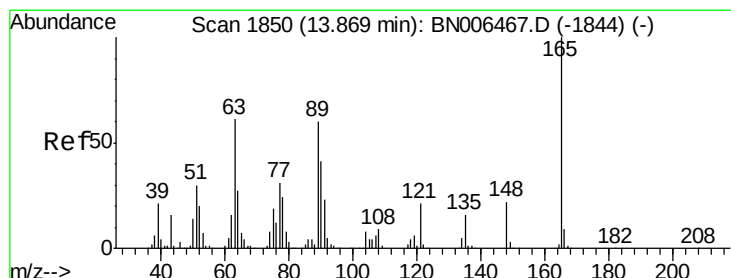
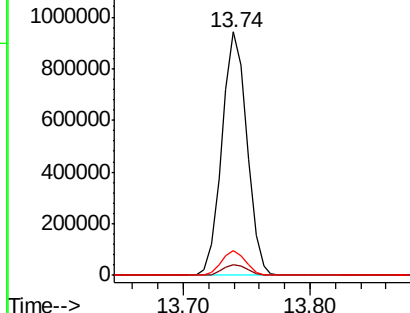
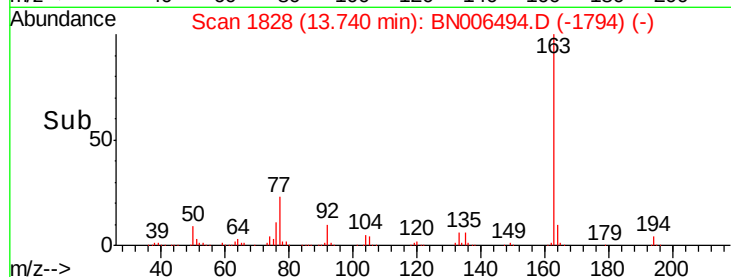
163 100

194 4.2 3.4 5.0

164 10.0 8.0 12.0



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



#45

2,6-Dinitrotoluene

Concen: 19.744 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

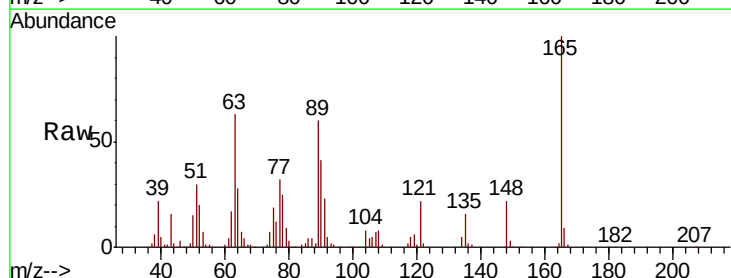
Tgt Ion:165 Resp: 268755

Ion Ratio Lower Upper

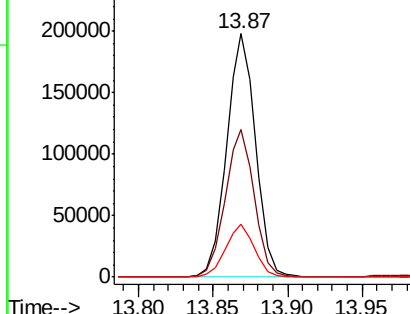
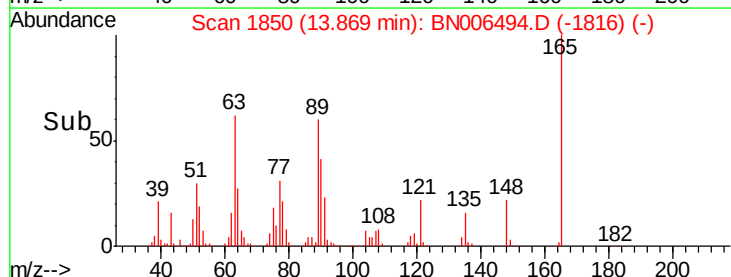
165 100

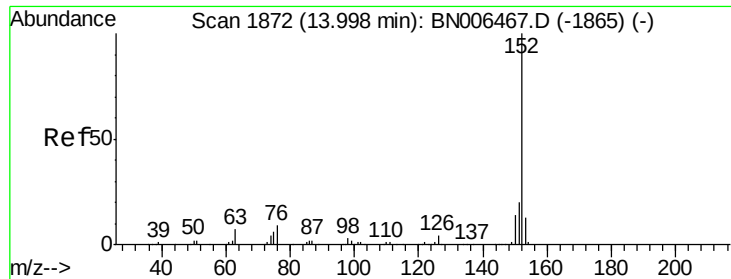
89 60.5 48.6 72.8

121 21.6 17.2 25.8



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





#47

Acenaphthylene

Concen: 18.918 ng/ul

RT: 14.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

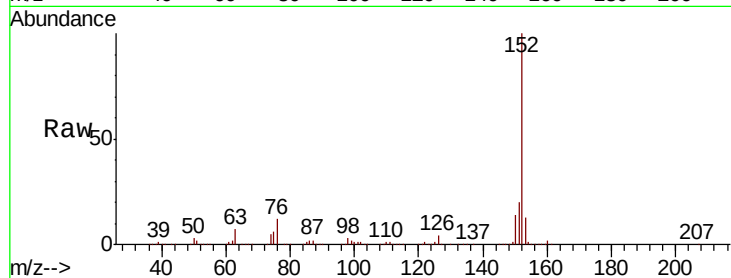
Tgt Ion:152 Resp: 1556743

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

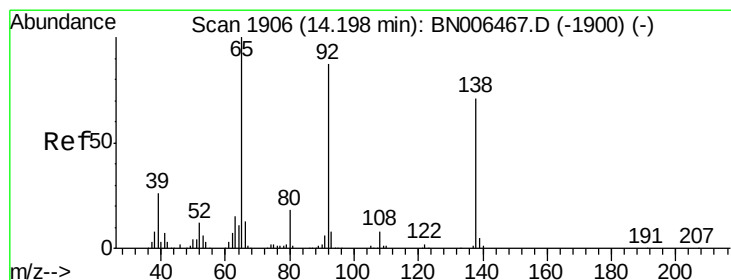
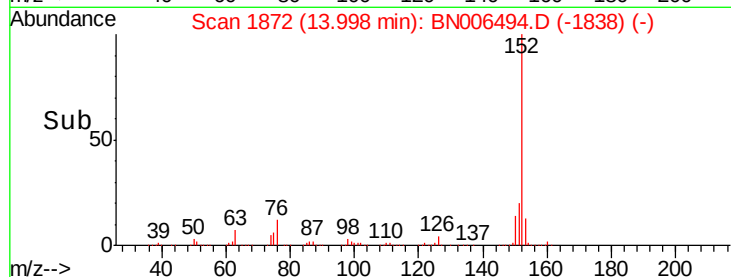
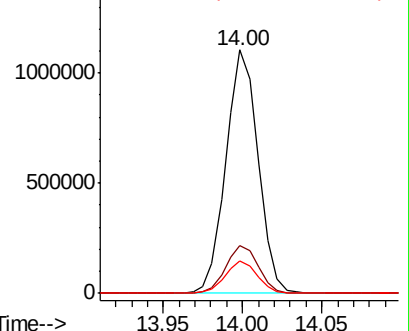
153 13.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 20.499 ng/ul

RT: 14.20 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

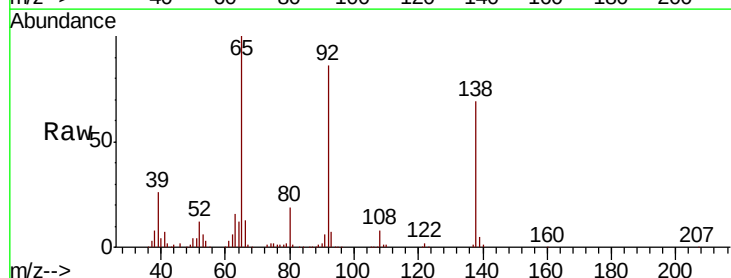
Tgt Ion:138 Resp: 275952

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.2

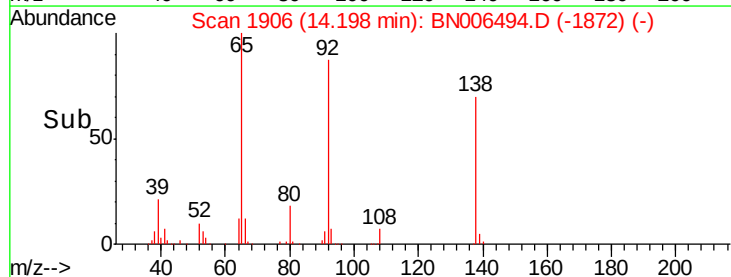
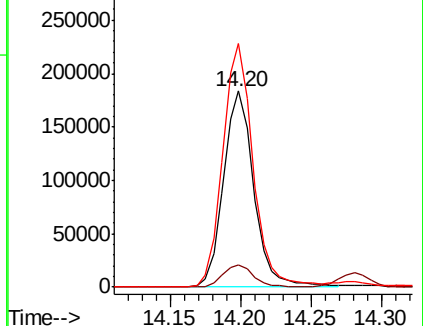
92 124.4 100.4 150.6

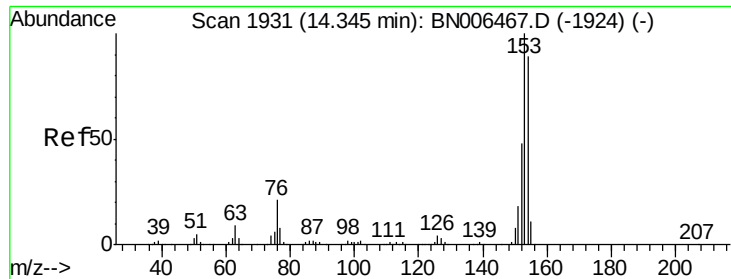


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO





#49

Acenaphthene

Concen: 18.892 ng/ul

RT: 14.35 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

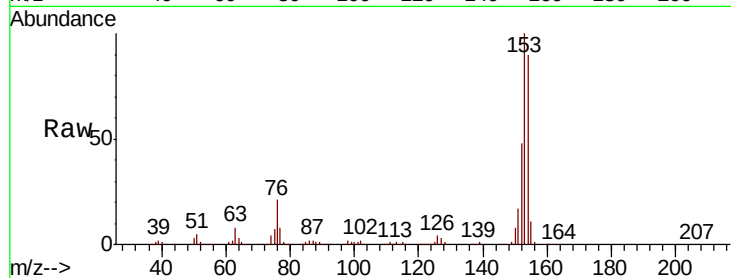
Tgt Ion:153 Resp: 1107895

Ion Ratio Lower Upper

153 100

152 47.9 37.8 56.6

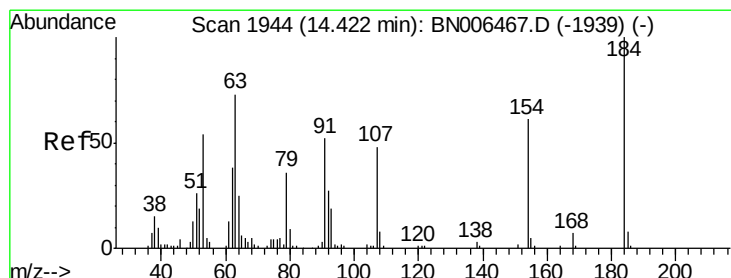
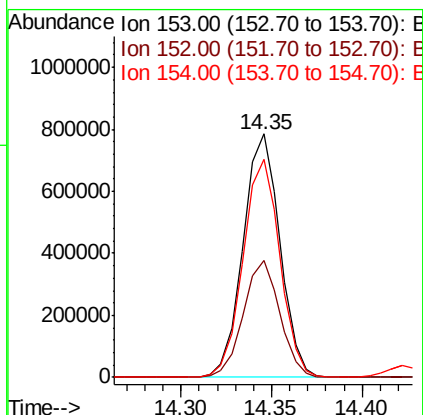
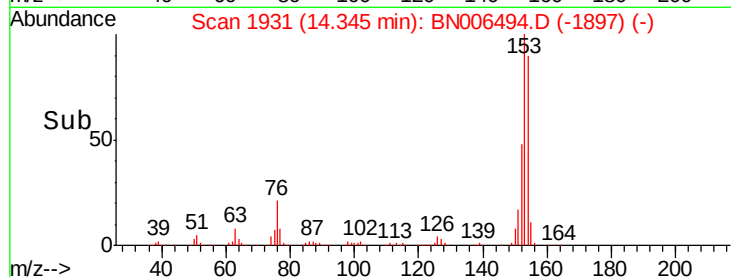
154 89.6 71.2 106.8



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: 15.225 ng/ul

RT: 14.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

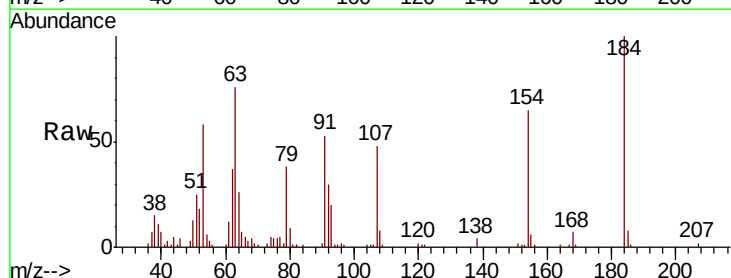
Tgt Ion:184 Resp: 100076

Ion Ratio Lower Upper

184 100

63 76.0 61.6 92.4

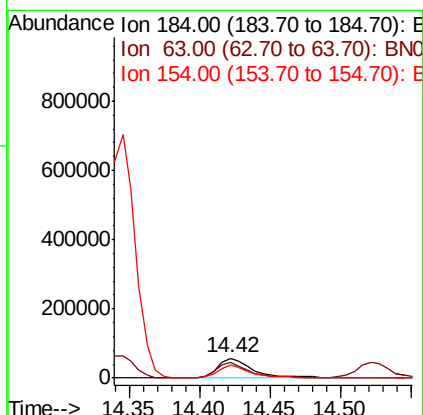
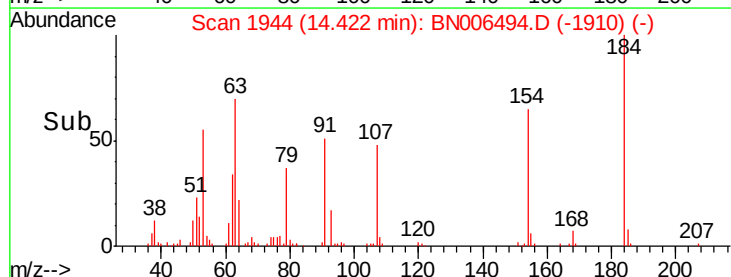
154 64.9 49.7 74.5

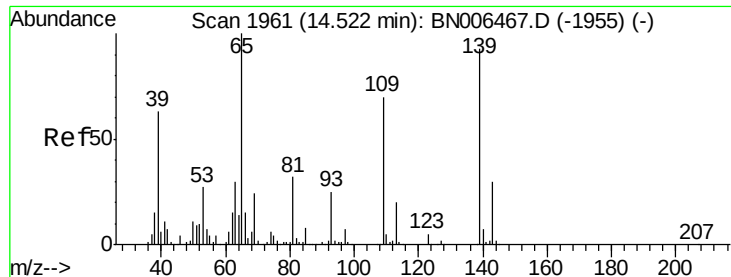


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E

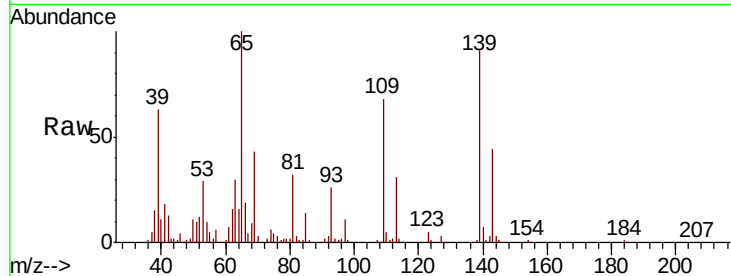




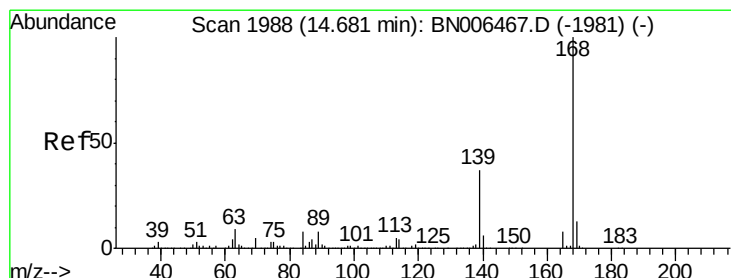
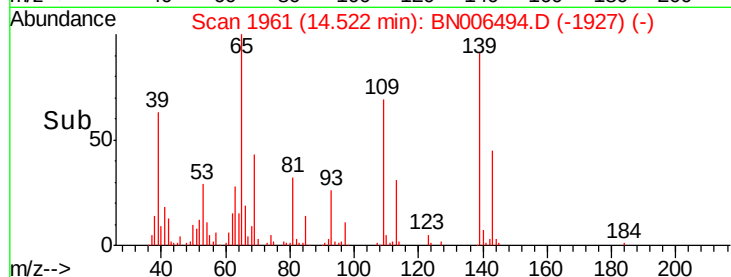
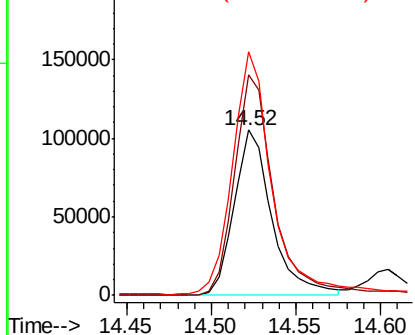
#52  
4-Nitrophenol  
Concen: 18.049 ng/ul  
RT: 14.52 min Scan# 1961  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

Tgt Ion:109 Resp: 163455  
Ion Ratio Lower Upper  
109 100  
139 133.7 109.0 163.4  
65 147.4 118.1 177.1

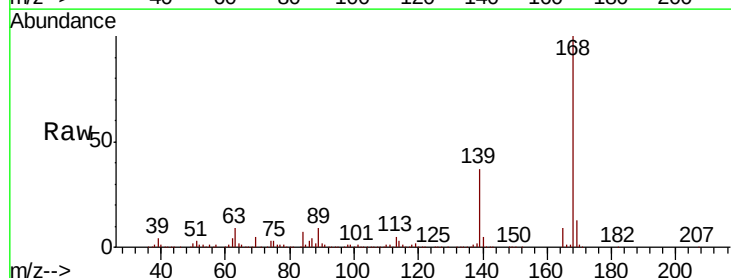


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BNC

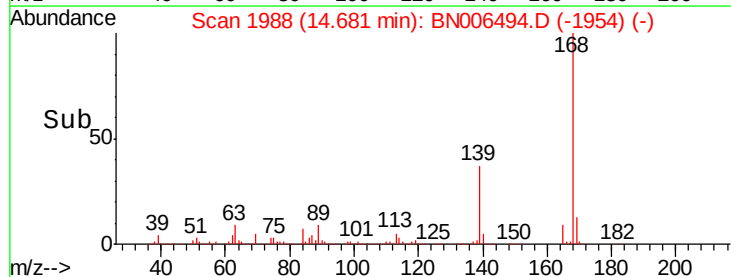
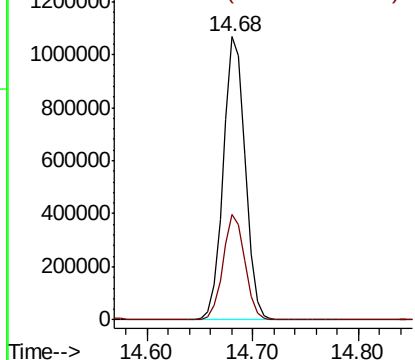


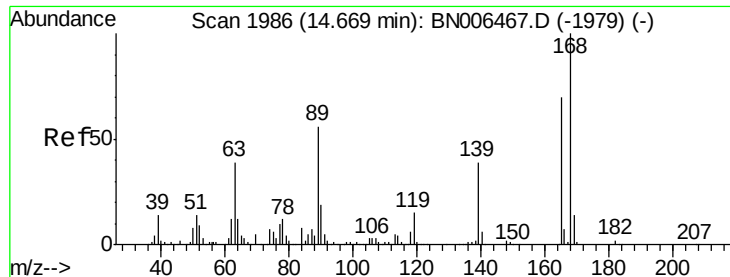
#53  
Dibenzofuran  
Concen: 18.864 ng/ul  
RT: 14.68 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Tgt Ion:168 Resp: 1532988  
Ion Ratio Lower Upper  
168 100  
139 37.3 29.4 44.0



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

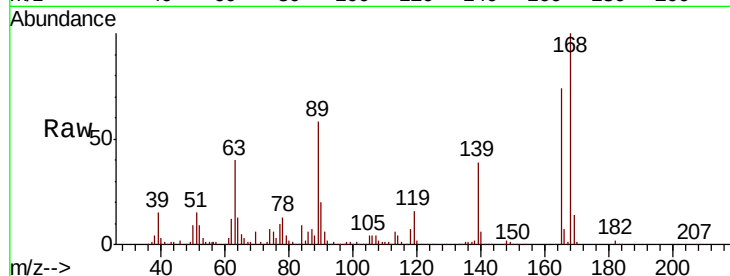




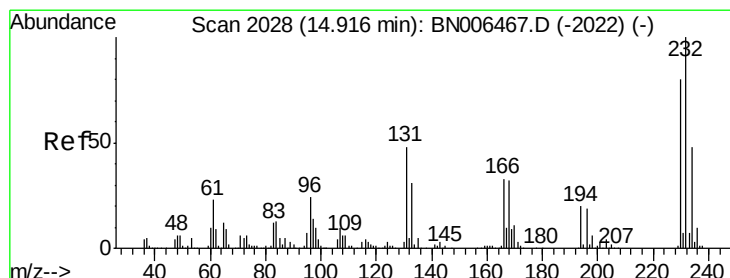
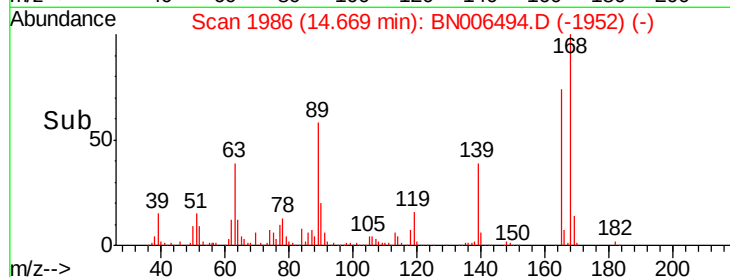
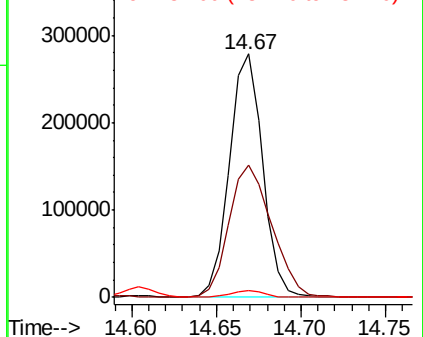
#54  
 2,4-Dinitrotoluene  
 Concen: 19.469 ng/ul  
 RT: 14.67 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02023

Tgt Ion:165 Resp: 381590  
 Ion Ratio Lower Upper  
 165 100  
 63 54.4 41.7 62.5  
 182 2.9 2.2 3.4

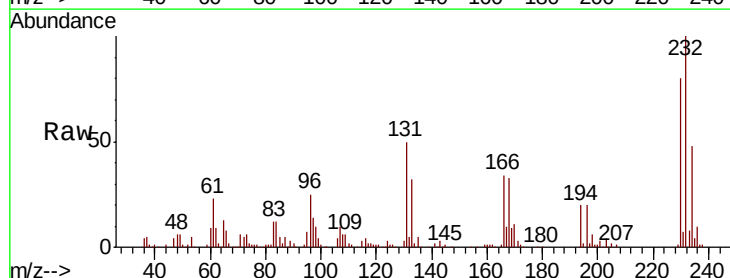


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): B  
 Ion 182.00 (181.70 to 182.70): E

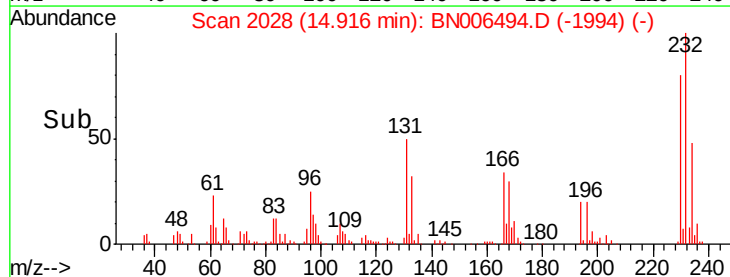
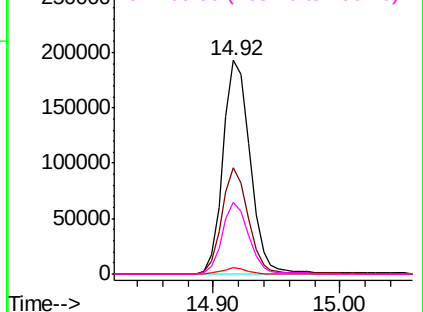


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 18.657 ng/ul  
 RT: 14.92 min Scan# 2028  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

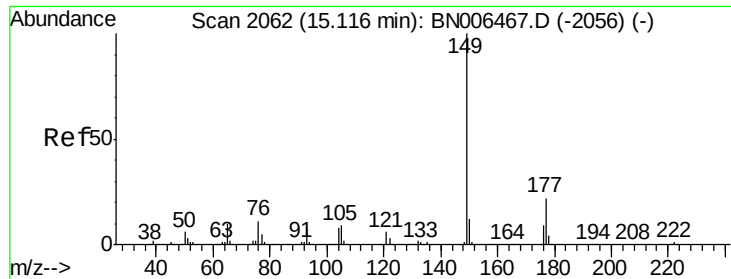
Tgt Ion:232 Resp: 287912  
 Ion Ratio Lower Upper  
 232 100  
 131 49.5 37.8 56.6  
 130 2.9 2.0 3.0  
 166 33.9 25.4 38.2



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



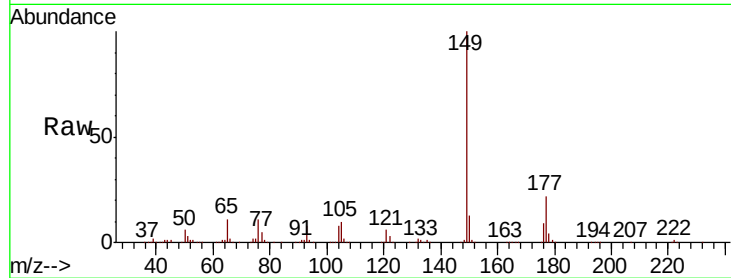




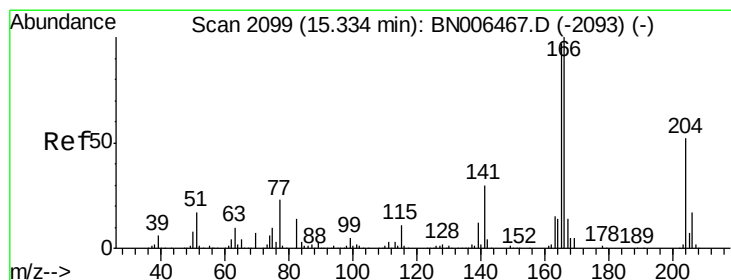
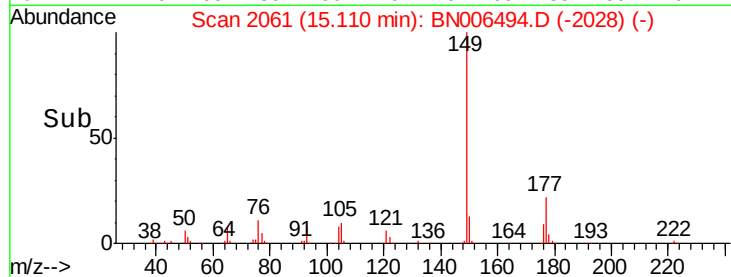
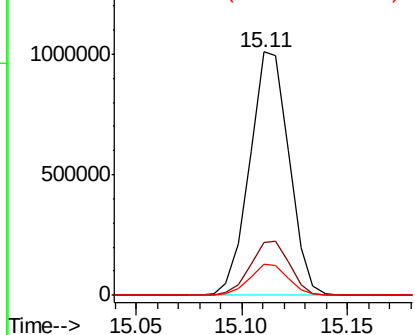
#56  
Diethylphthalate  
Concen: 18.598 ng/ul  
RT: 15.11 min Scan# 2061  
Delta R.T. -0.01 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

Tgt Ion:149 Resp: 1312446  
Ion Ratio Lower Upper  
149 100  
177 21.9 17.9 26.9  
150 12.5 10.1 15.1

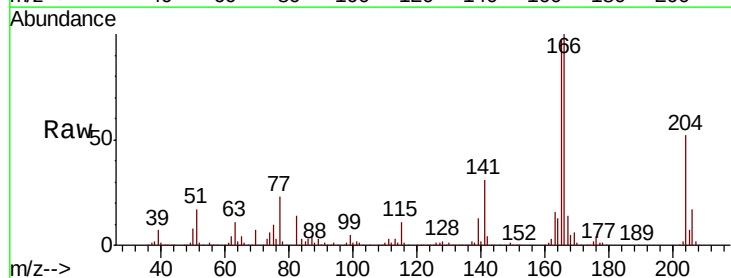


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

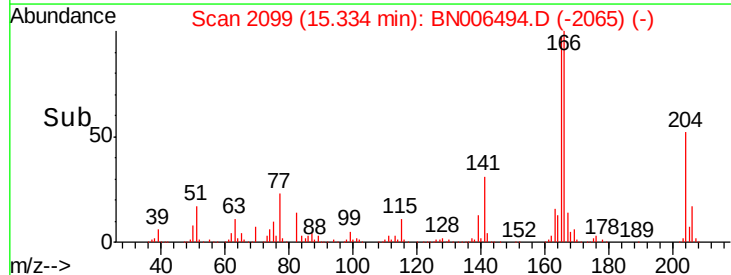
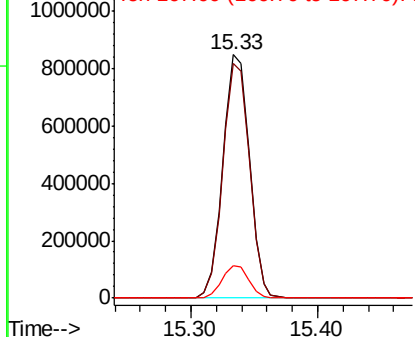


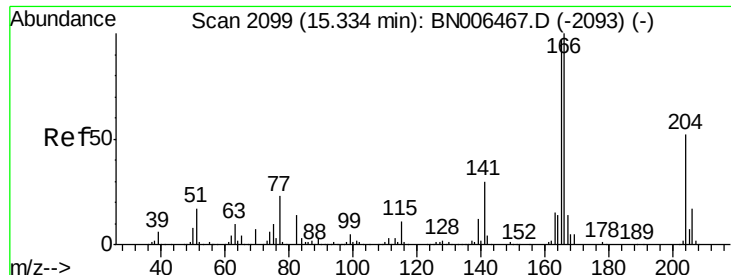
#58  
Fluorene  
Concen: 18.758 ng/ul  
RT: 15.33 min Scan# 2099  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Tgt Ion:166 Resp: 1232190  
Ion Ratio Lower Upper  
166 100  
165 96.6 77.5 116.3  
167 13.6 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

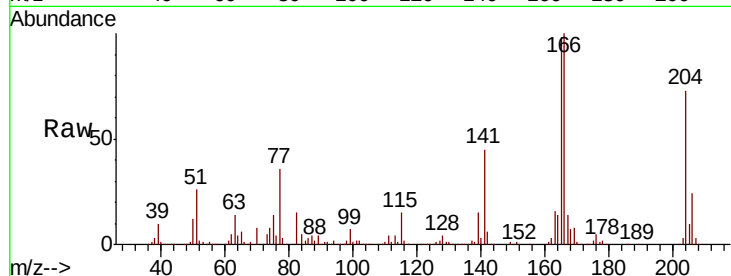




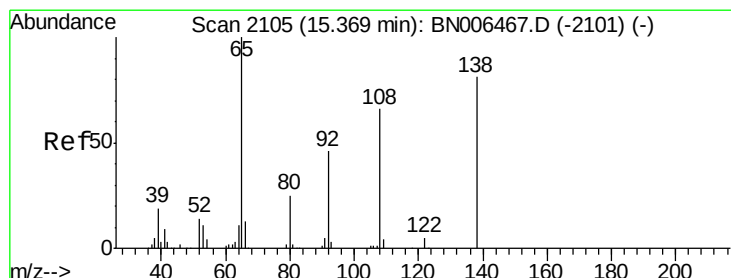
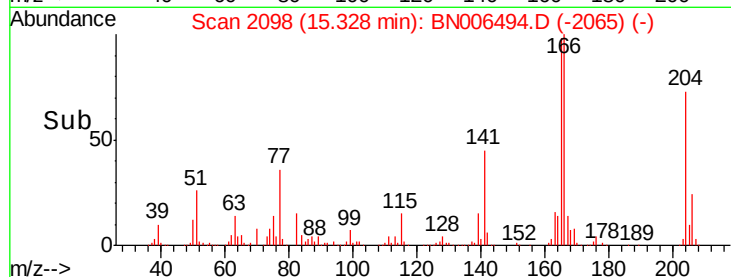
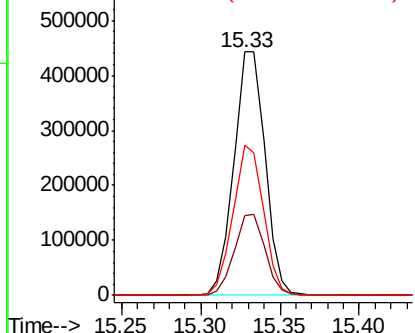
#59  
 4-Chlorophenyl-phenylether  
 Concen: 18.850 ng/ul  
 RT: 15.33 min Scan# 2098  
 Delta R.T. -0.01 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02023

Tgt Ion:204 Resp: 606671  
 Ion Ratio Lower Upper  
 204 100  
 206 33.0 26.3 39.5  
 141 61.8 47.5 71.3

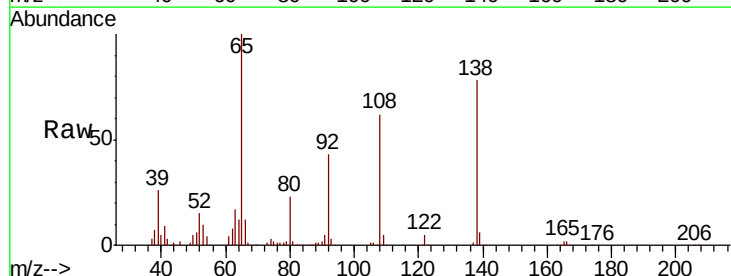


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

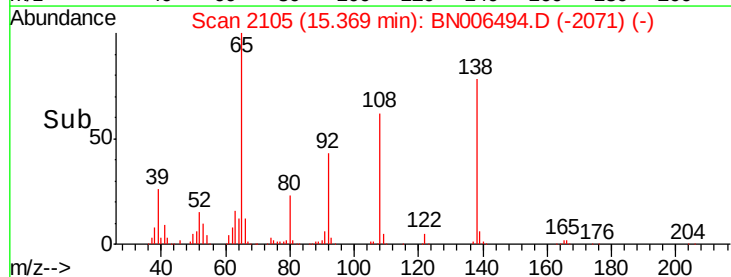
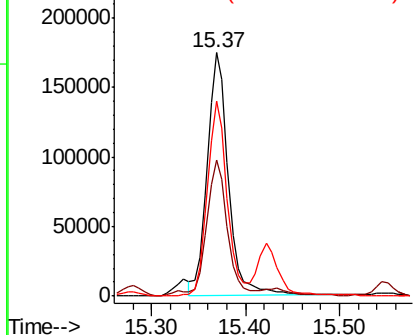


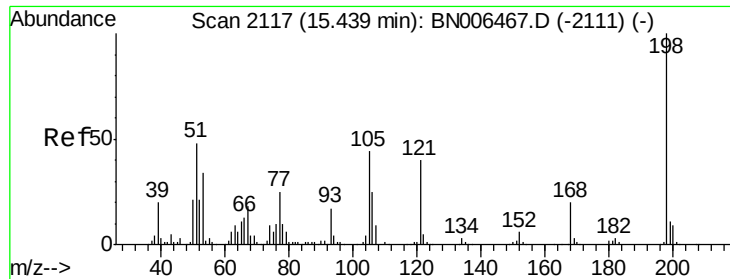
#60  
 4-Nitroaniline  
 Concen: 19.145 ng/ul  
 RT: 15.37 min Scan# 2105  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Tgt Ion:138 Resp: 276644  
 Ion Ratio Lower Upper  
 138 100  
 92 55.8 44.0 66.0  
 108 80.0 62.2 93.2



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

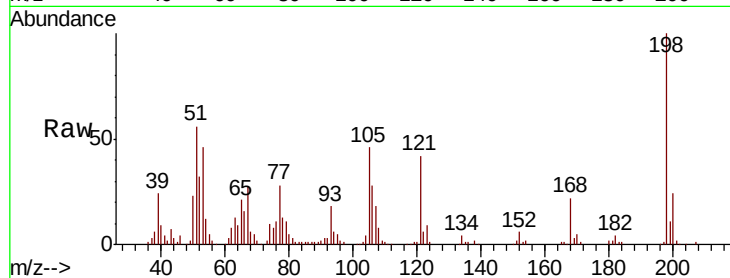




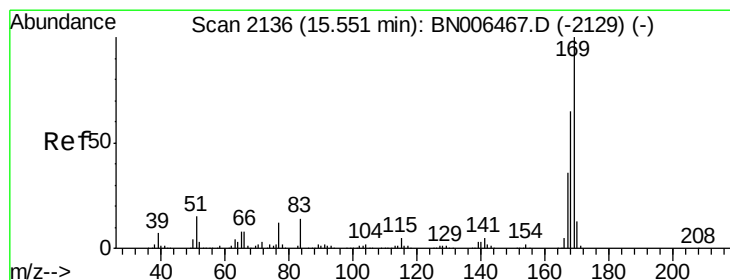
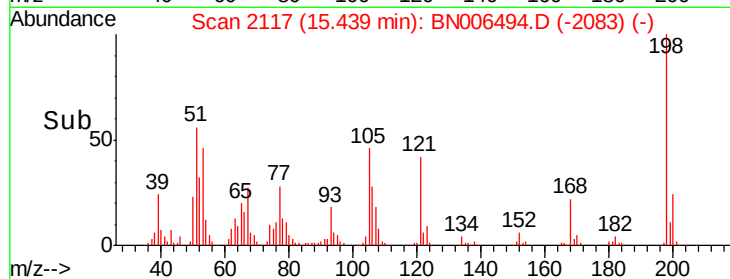
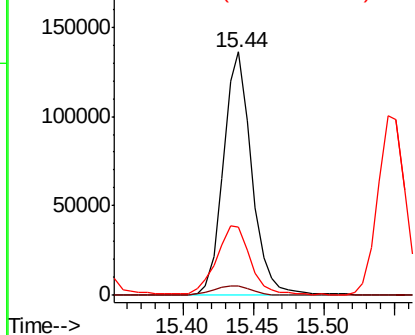
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 16.696 ng/ul  
 RT: 15.44 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST02023

Tgt Ion:198 Resp: 190937  
 Ion Ratio Lower Upper  
 198 100  
 182 3.9 3.0 4.6  
 77 28.0 21.3 31.9

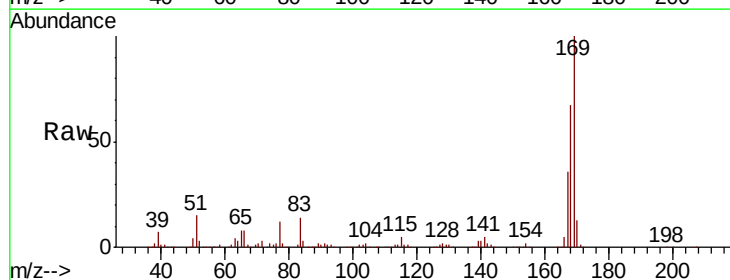


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BNC

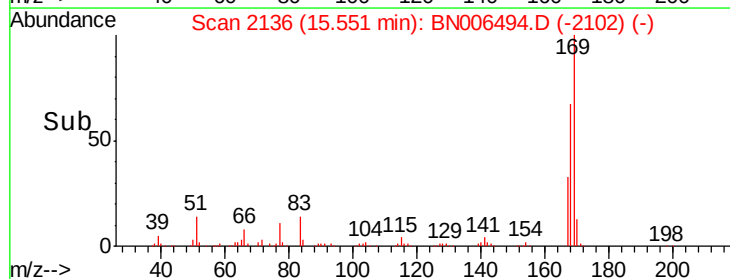
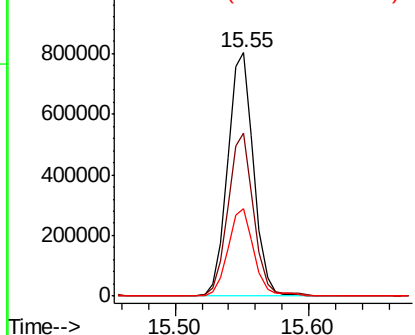


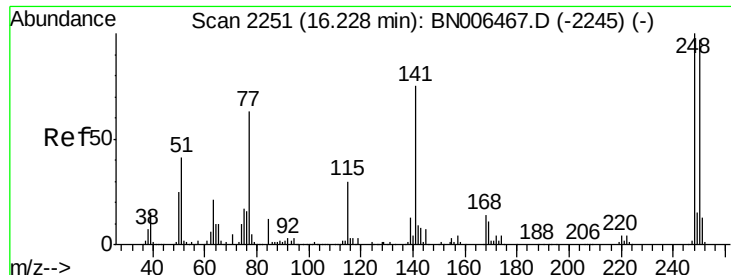
#64  
 N-Nitrosodiphenylamine  
 Concen: 19.568 ng/ul  
 RT: 15.55 min Scan# 2136  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Tgt Ion:169 Resp: 1088584  
 Ion Ratio Lower Upper  
 169 100  
 168 66.8 52.1 78.1  
 167 36.0 28.8 43.2



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

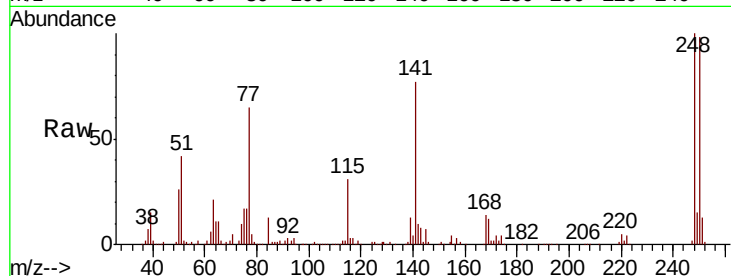




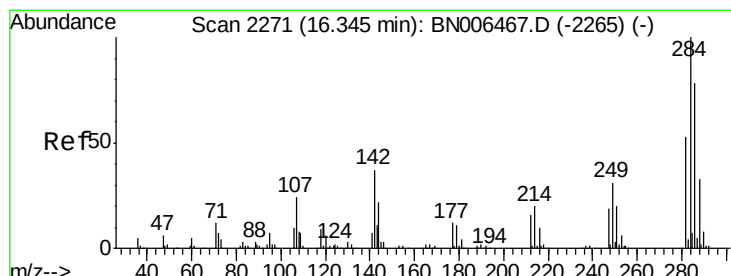
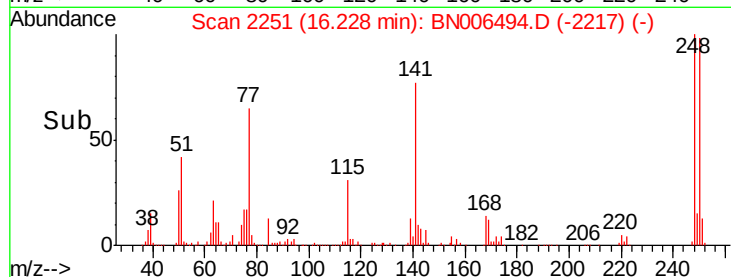
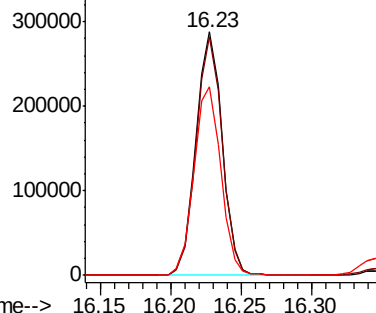
#65  
4-Bromophenyl-phenylether  
Concen: 19.687 ng/ul  
RT: 16.23 min Scan# 2251  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

Tgt Ion:248 Resp: 374442  
Ion Ratio Lower Upper  
248 100  
250 98.2 79.1 118.7  
141 77.5 64.6 96.8

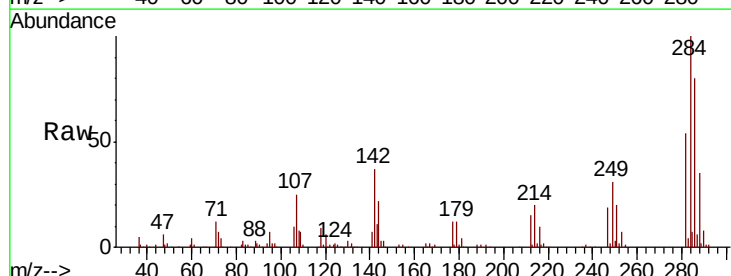


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

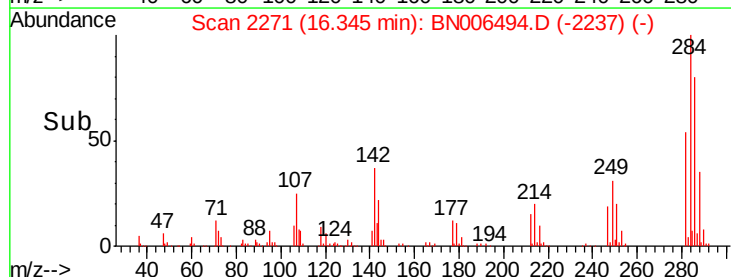
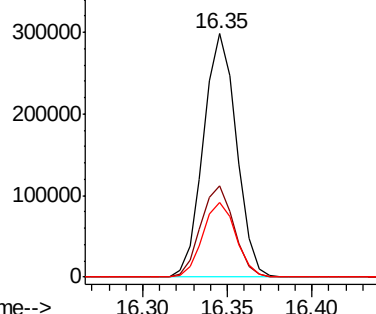


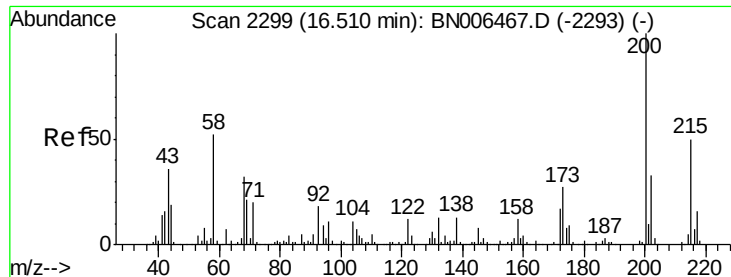
#66  
Hexachlorobenzene  
Concen: 19.198 ng/ul  
RT: 16.35 min Scan# 2271  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Tgt Ion:284 Resp: 407174  
Ion Ratio Lower Upper  
284 100  
142 37.5 30.6 45.8  
249 30.8 24.7 37.1



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

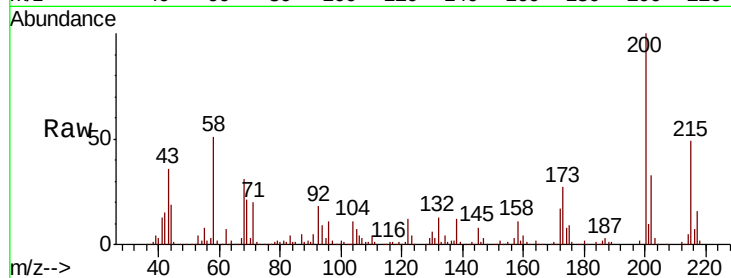




#67  
Atrazine  
Concen: 20.014 ng/ul  
RT: 16.51 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.3  | 22.6  | 33.8  |
| 215     | 49.4  | 40.2  | 60.2  |

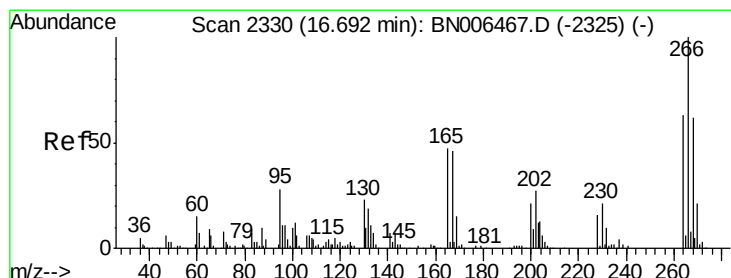
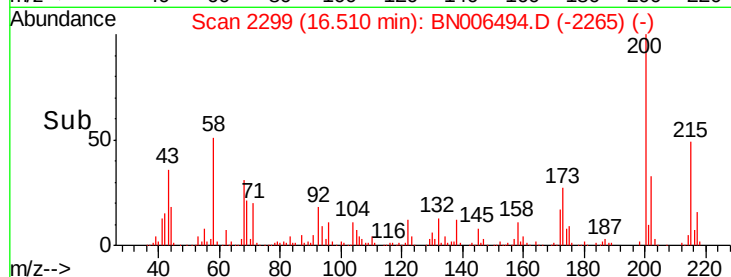
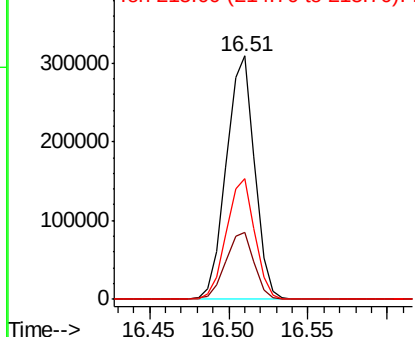


Abundance

Ion 200.00 (199.70 to 200.70): E

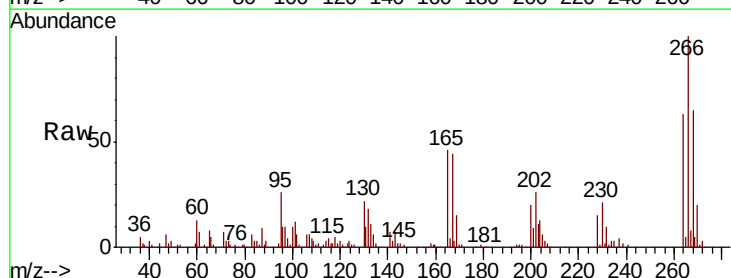
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68  
Pentachlorophenol  
Concen: 18.012 ng/ul  
RT: 16.70 min Scan# 2331  
Delta R.T. 0.01 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 63.4  | 47.8  | 71.6  |
| 268     | 65.4  | 50.8  | 76.2  |

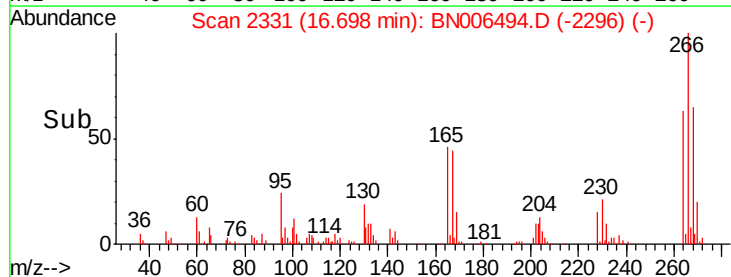
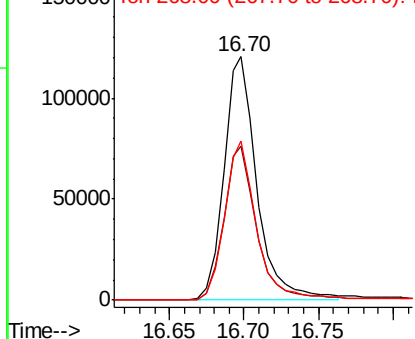


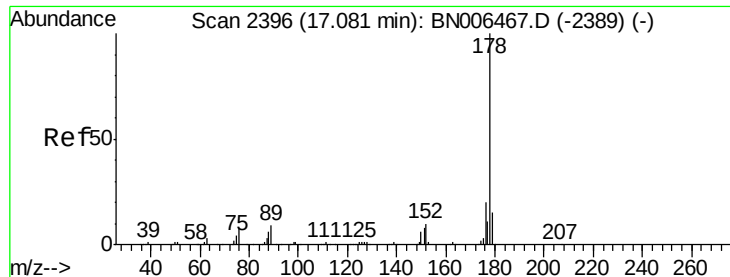
Abundance

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: 18.804 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

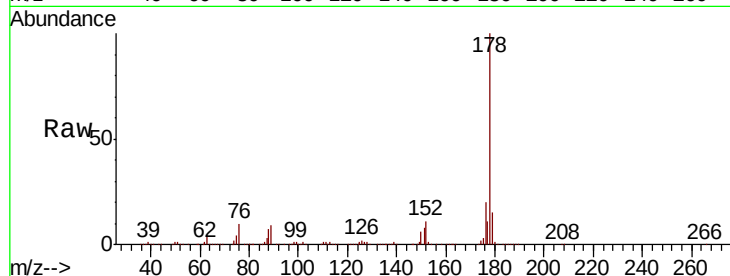
Tgt Ion:178 Resp: 1915651

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

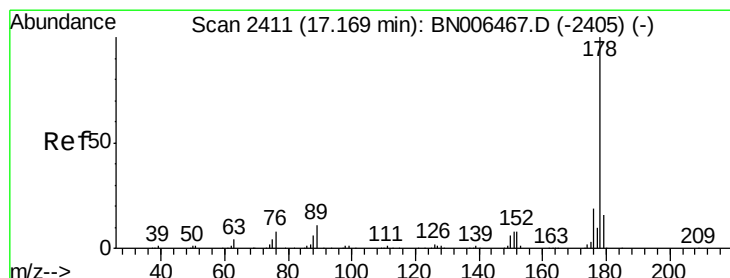
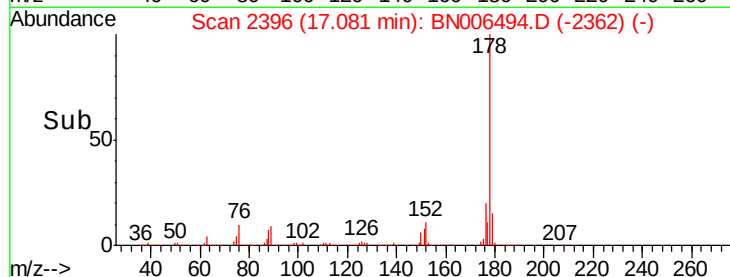
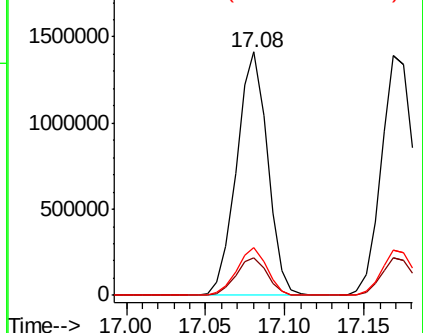
176 19.5 15.3 22.9



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: 19.140 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

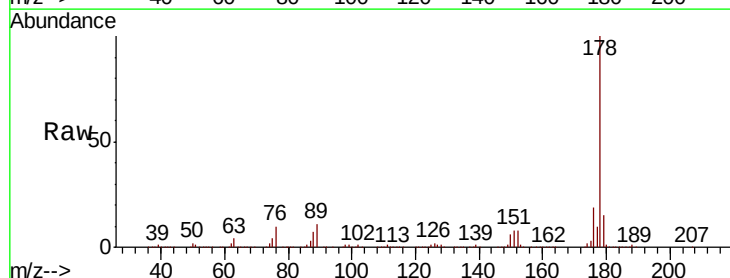
Tgt Ion:178 Resp: 1979343

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

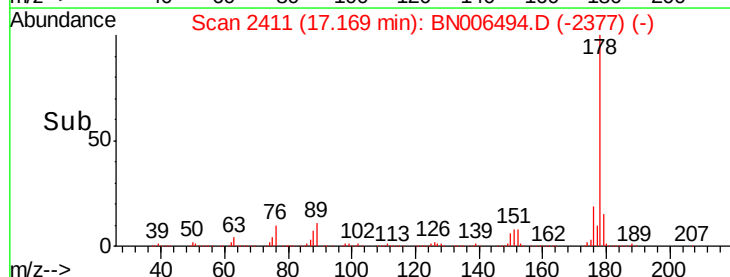
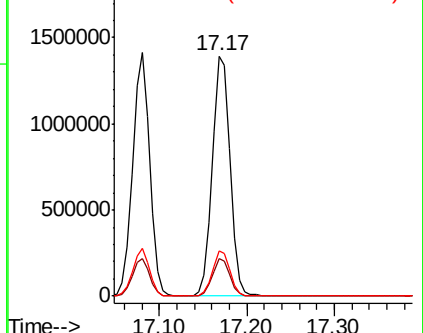
176 18.6 14.7 22.1

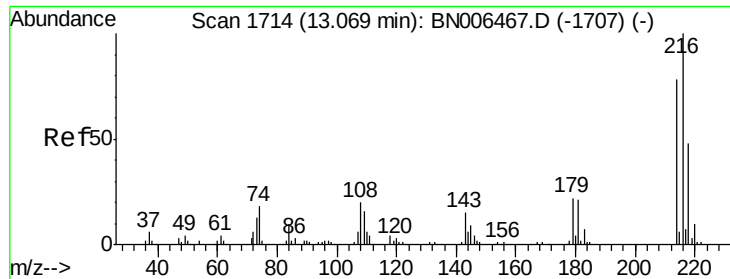


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

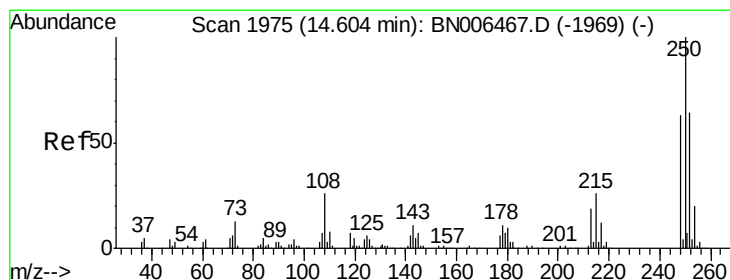
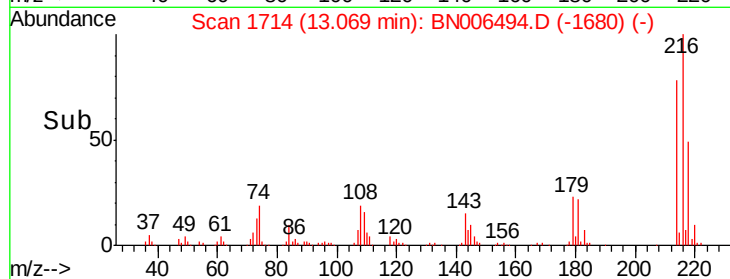
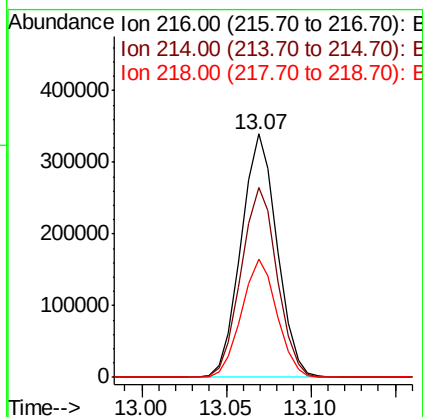
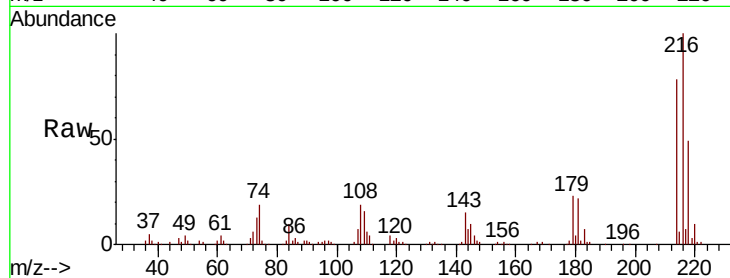




#72  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 20.304 ng/uL  
 RT: 13.07 min Scan# 1714  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

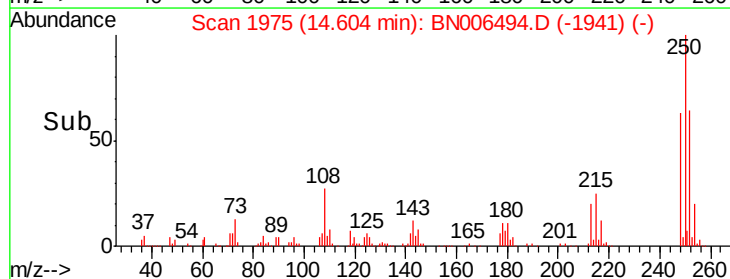
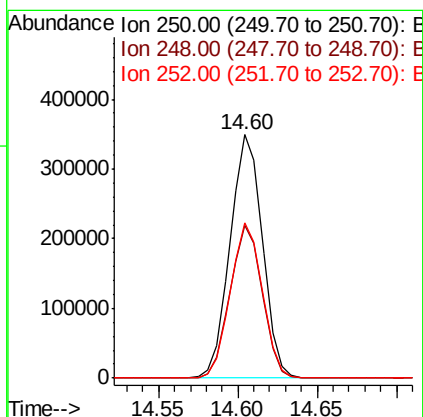
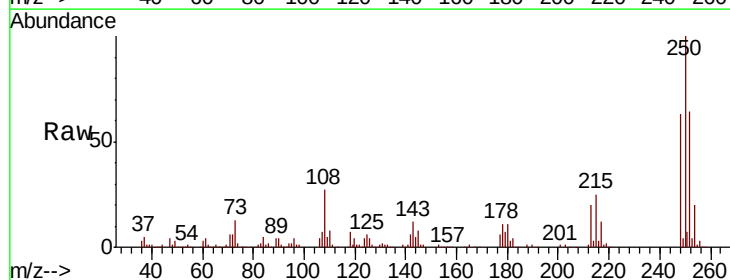
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD02023

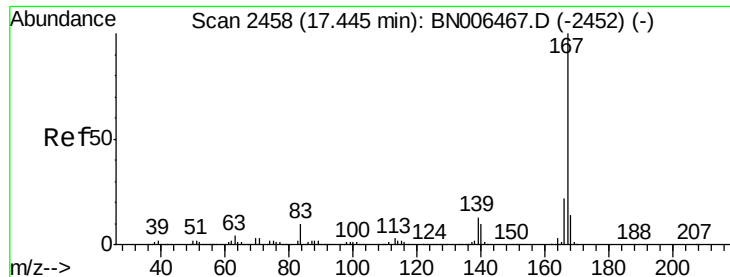
Tgt Ion:216 Resp: 504687  
 Ion Ratio Lower Upper  
 216 100  
 214 78.0 62.1 93.1  
 218 48.7 37.2 55.8



#73  
 Pentachlorobenzene  
 Concen: 19.879 ng/uL  
 RT: 14.60 min Scan# 1975  
 Delta R.T. 0.00 min  
 Lab File: BN006494.D  
 Acq: 22 Jun 2019 18:06

Tgt Ion:250 Resp: 492697  
 Ion Ratio Lower Upper  
 250 100  
 248 62.9 50.0 75.0  
 252 63.6 50.9 76.3





#74

Carbazole

Concen: 19.591 ng/ul

RT: 17.45 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

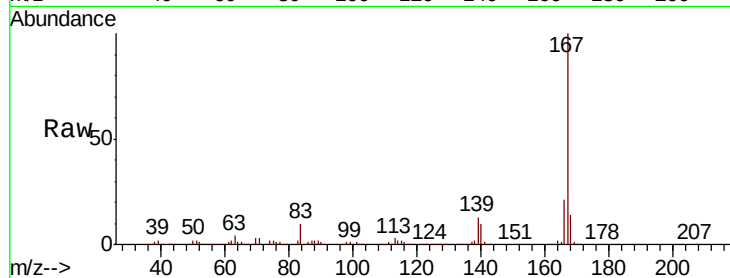
Tgt Ion:167 Resp: 1748444

Ion Ratio Lower Upper

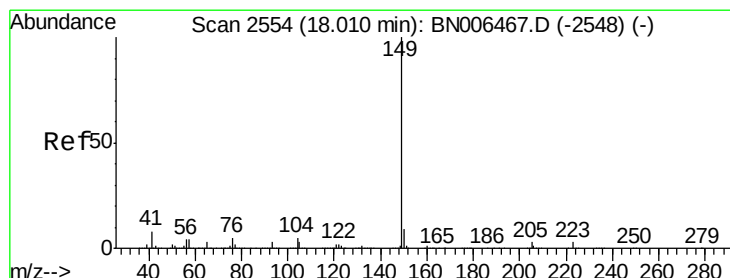
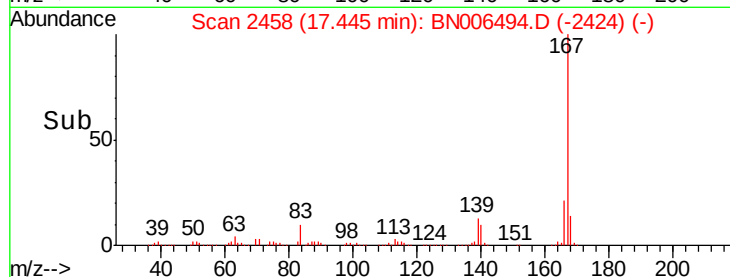
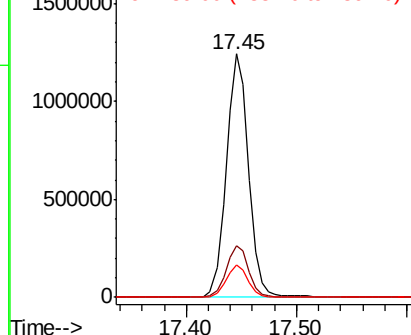
167 100

166 21.2 17.1 25.7

139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 20.205 ng/ul

RT: 18.01 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

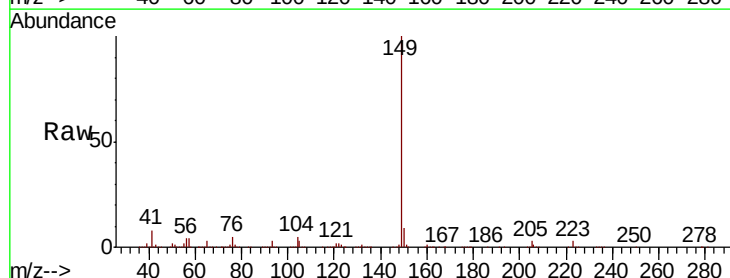
Tgt Ion:149 Resp: 2301995

Ion Ratio Lower Upper

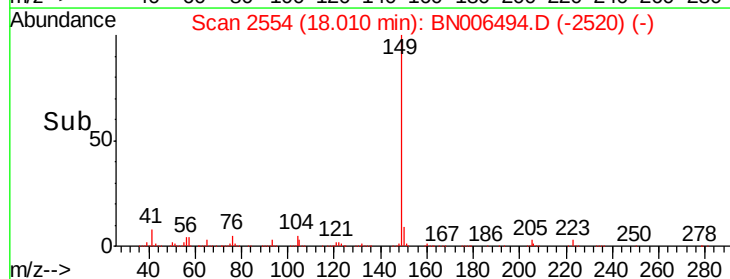
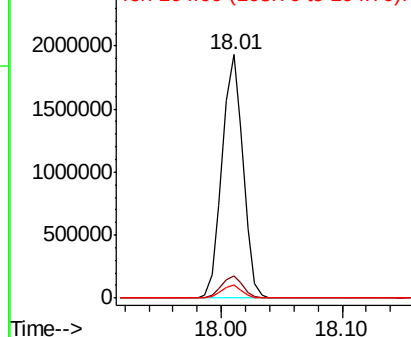
149 100

150 9.2 7.4 11.2

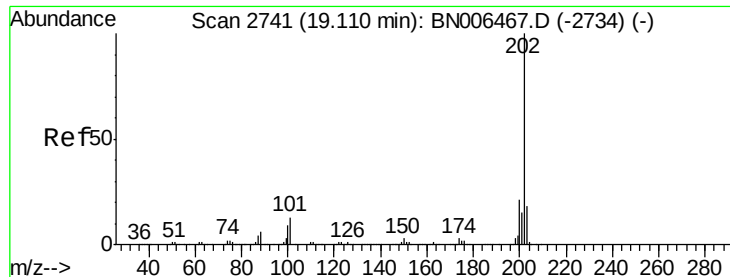
104 5.2 4.2 6.2



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: 19.295 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

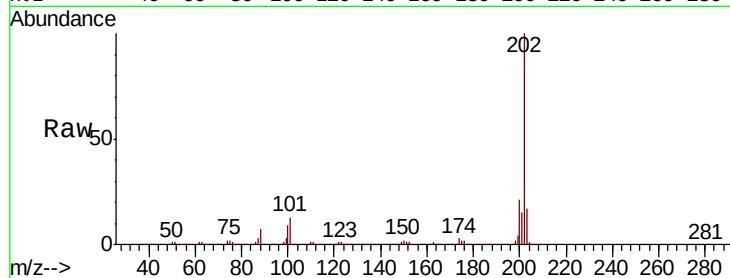
Tgt Ion:202 Resp: 2118394

Ion Ratio Lower Upper

202 100

101 12.5 10.5 15.7

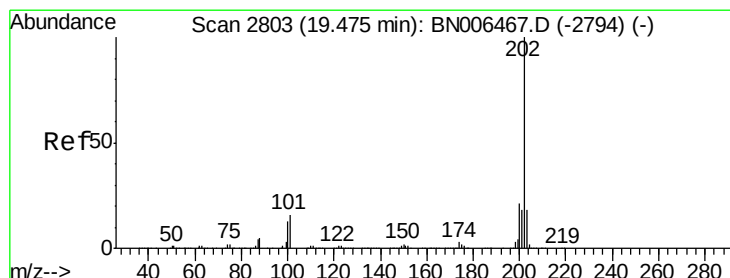
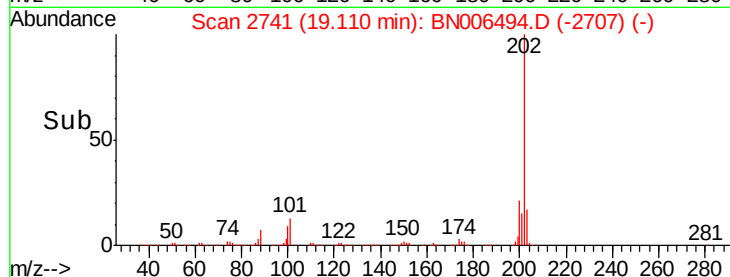
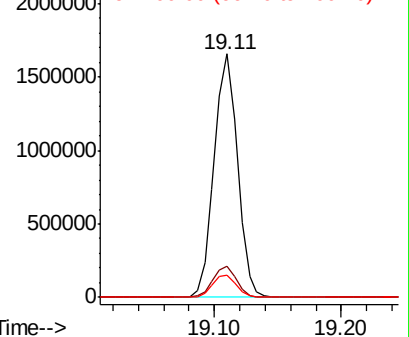
100 9.2 7.6 11.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 22.227 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

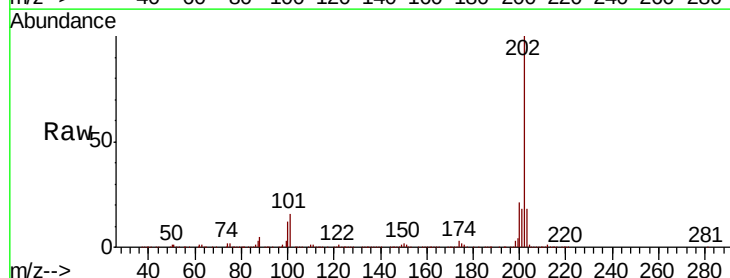
Tgt Ion:202 Resp: 2103531

Ion Ratio Lower Upper

202 100

101 15.6 12.2 18.4

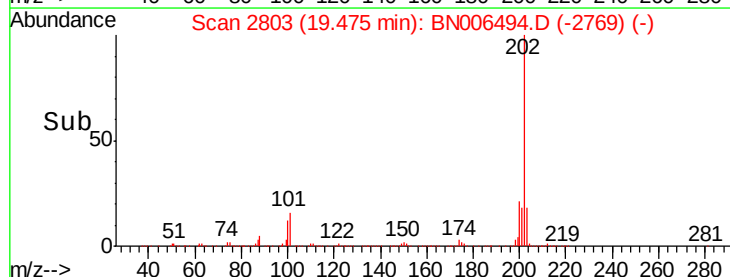
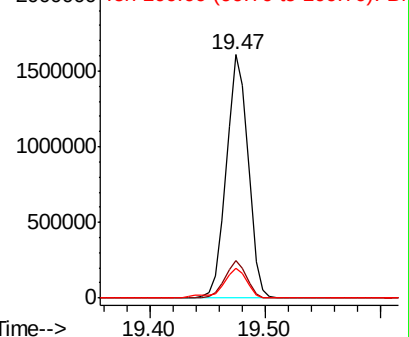
100 12.5 9.8 14.6

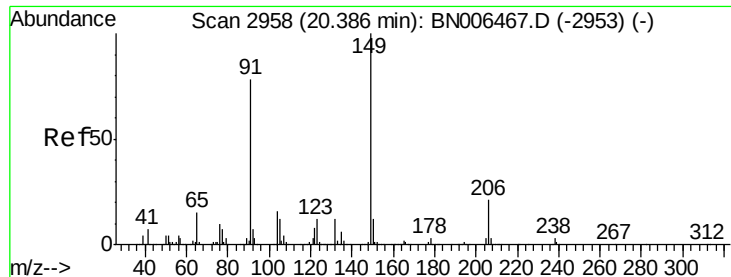


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Butylbenzylphthalate

Concen: 23.934 ng/ul

RT: 20.39 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

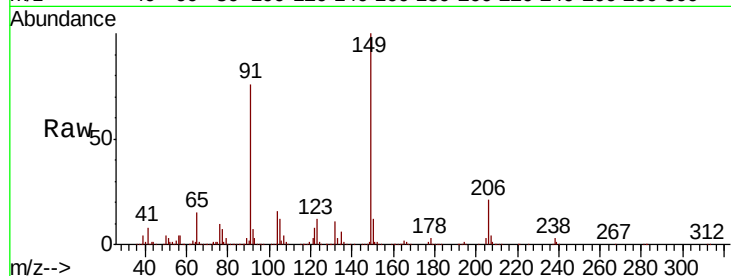
Tgt Ion:149 Resp: 1015621

Ion Ratio Lower Upper

149 100

91 76.3 62.7 94.1

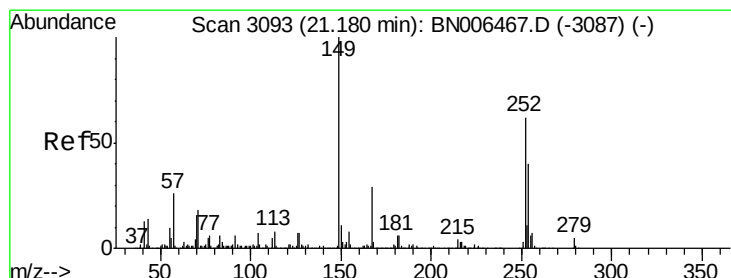
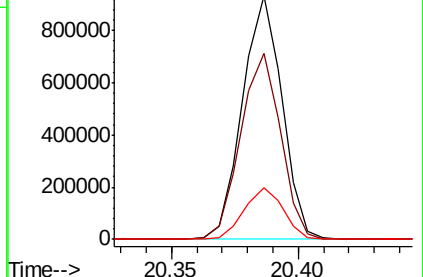
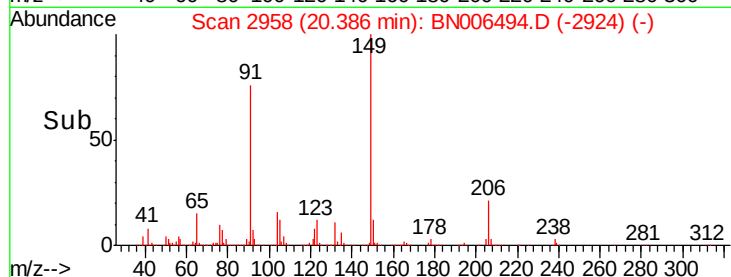
206 21.1 16.3 24.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN

Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 18.039 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

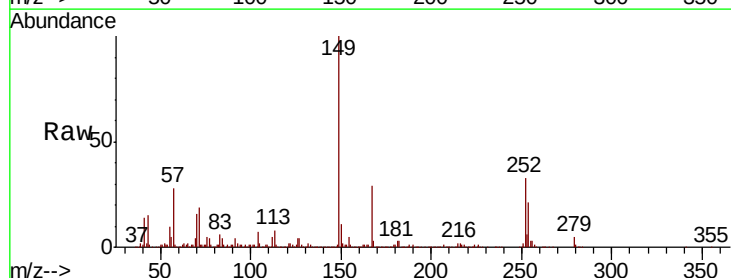
Tgt Ion:252 Resp: 530160

Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.8

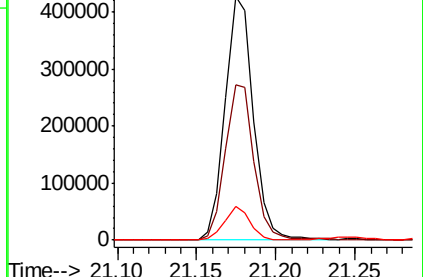
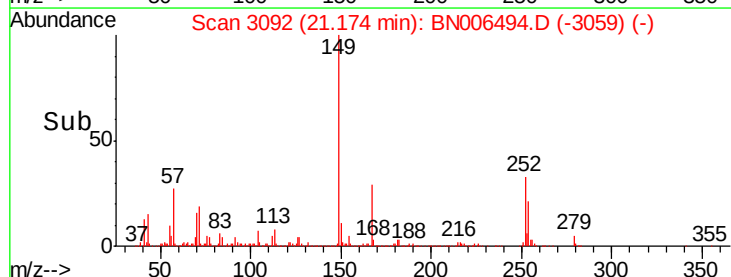
126 13.6 9.8 14.8

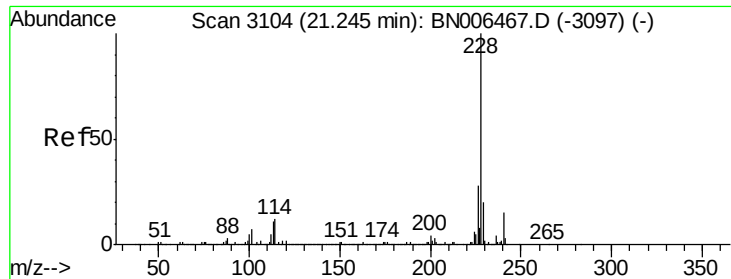


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

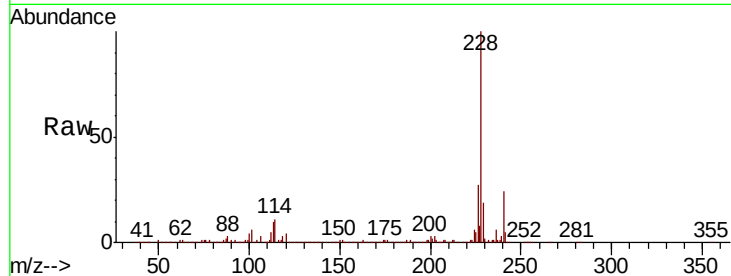




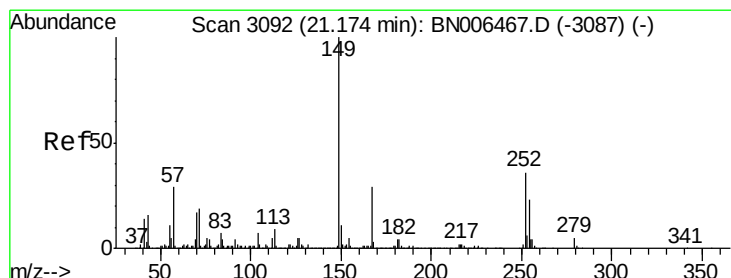
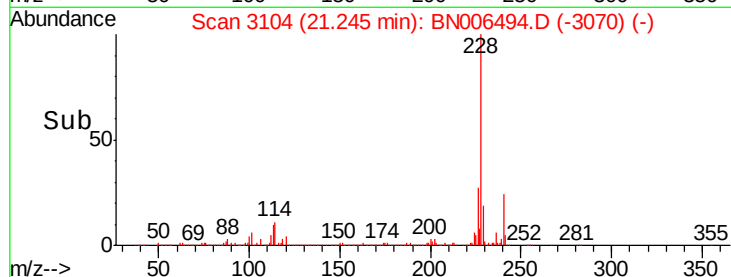
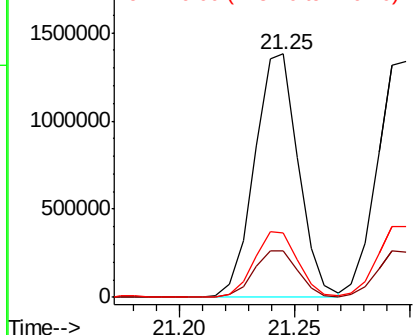
#82  
Benzo(a)anthracene  
Concen: 19.177 ng/ul  
RT: 21.25 min Scan# 3104  
Delta R.T. 0.00 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD02023

Tgt Ion:228 Resp: 1821958  
Ion Ratio Lower Upper  
228 100  
229 19.0 15.6 23.4  
226 26.6 21.5 32.3

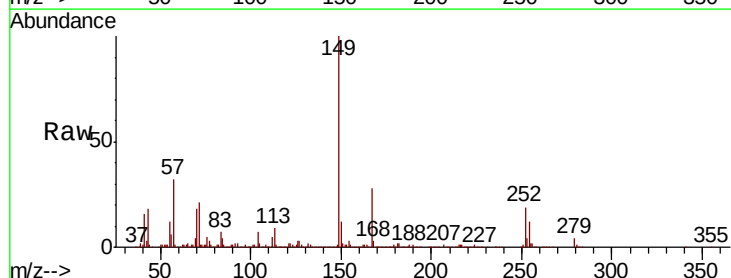


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E

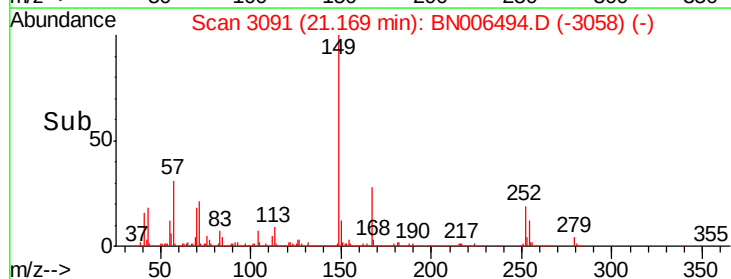
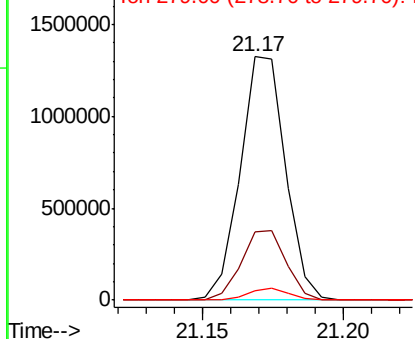


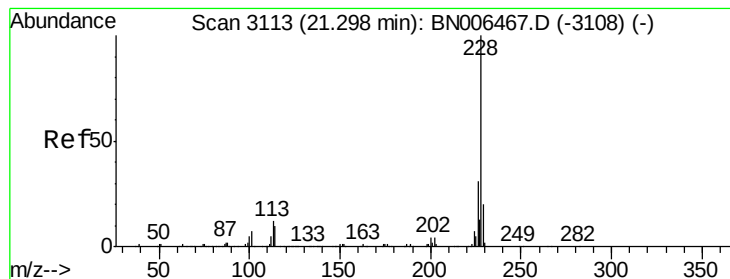
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 24.172 ng/ul  
RT: 21.17 min Scan# 3091  
Delta R.T. -0.01 min  
Lab File: BN006494.D  
Acq: 22 Jun 2019 18:06

Tgt Ion:149 Resp: 1470870  
Ion Ratio Lower Upper  
149 100  
167 28.1 22.2 33.4  
279 3.9 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: 18.786 ng/ul

RT: 21.30 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

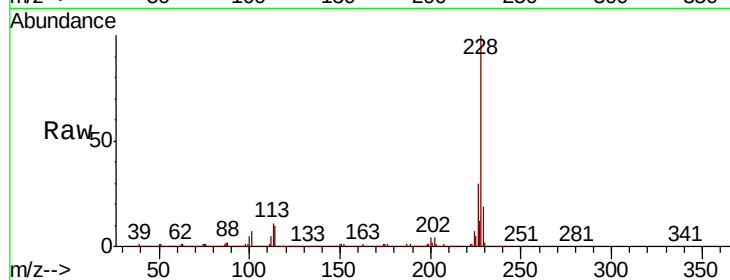
Tgt Ion:228 Resp: 1698701

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

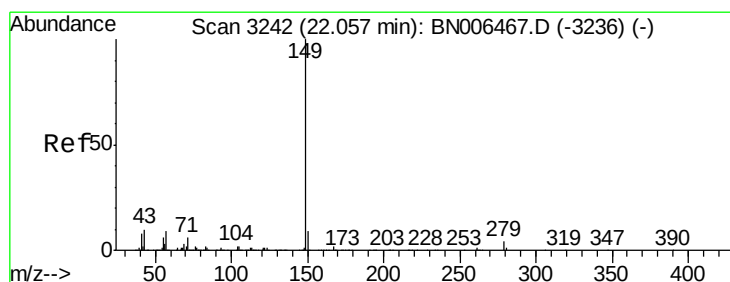
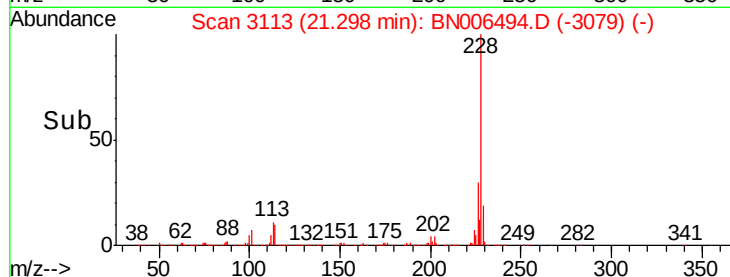
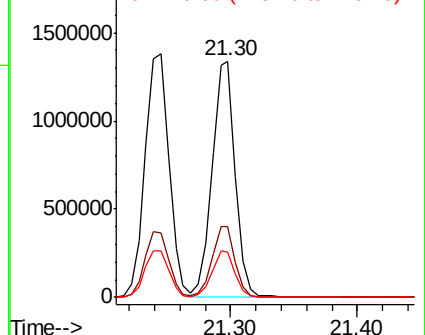
229 19.3 15.9 23.9



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: 28.812 ng/ul

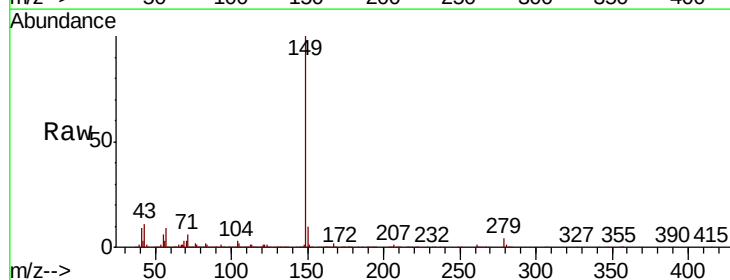
RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

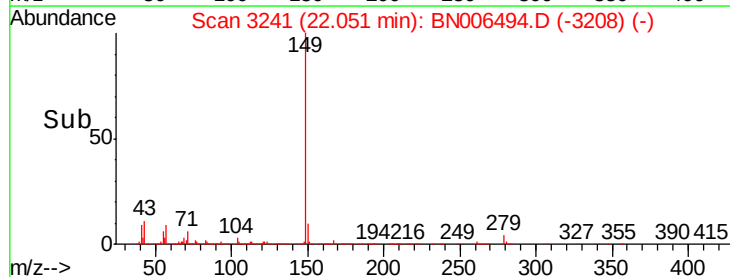
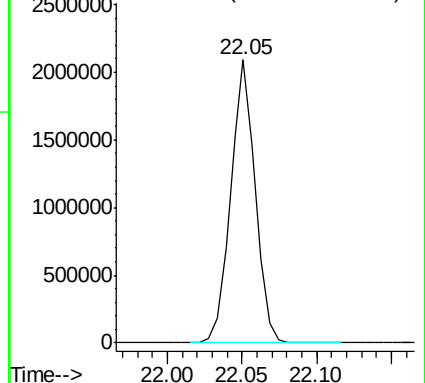
Lab File: BN006494.D

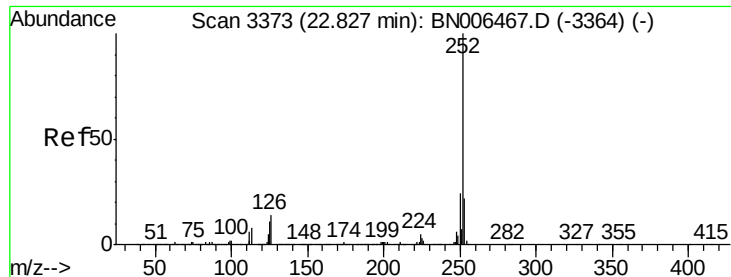
Acq: 22 Jun 2019 18:06

Tgt Ion:149 Resp: 2405106



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 20.377 ng/ul

RT: 22.82 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

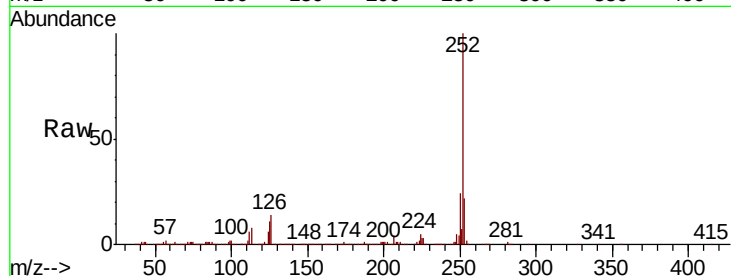
Tgt Ion:252 Resp: 1588765

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

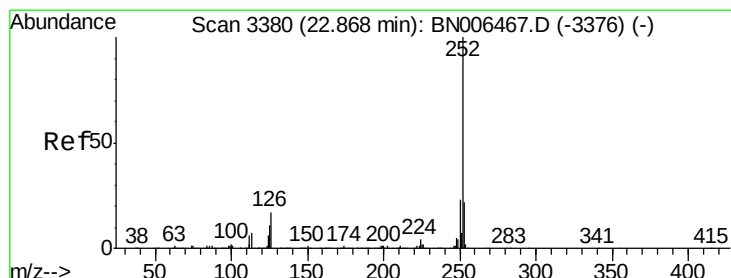
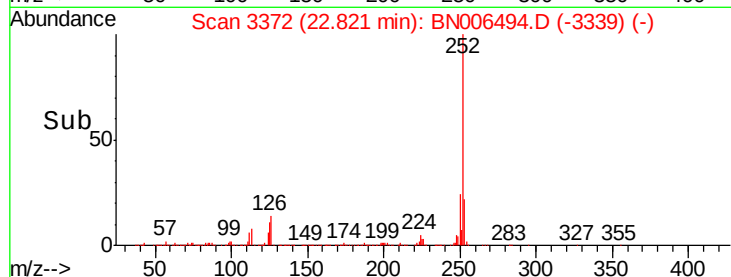
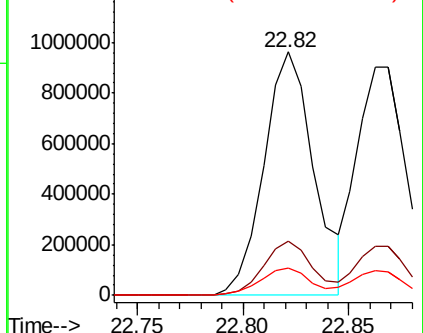
125 11.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 19.677 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

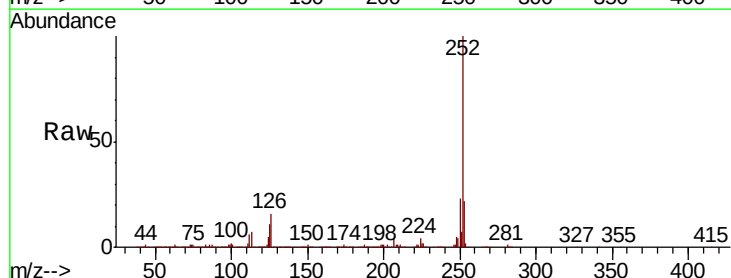
Tgt Ion:252 Resp: 1466300

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

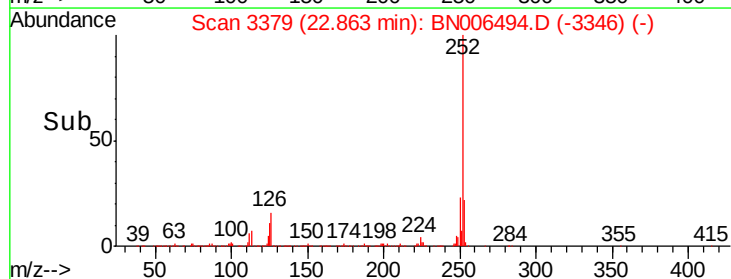
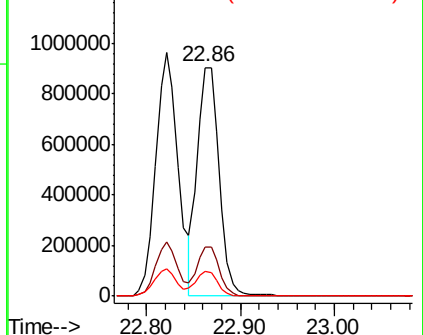
125 11.0 9.1 13.7

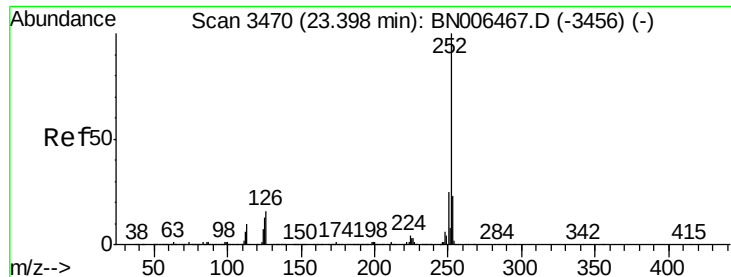


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 19.227 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

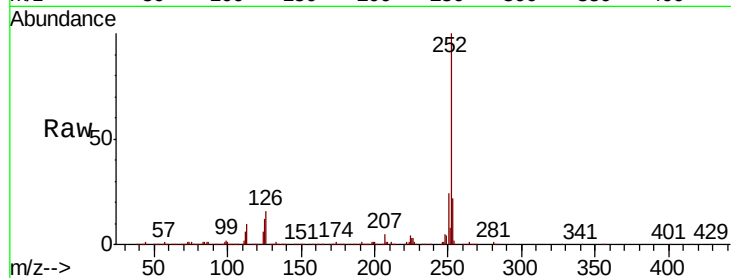
Tgt Ion:252 Resp: 1437496

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

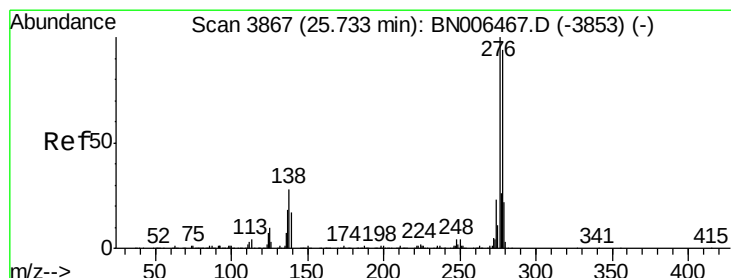
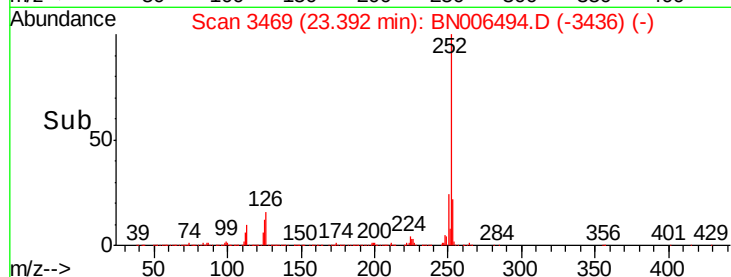
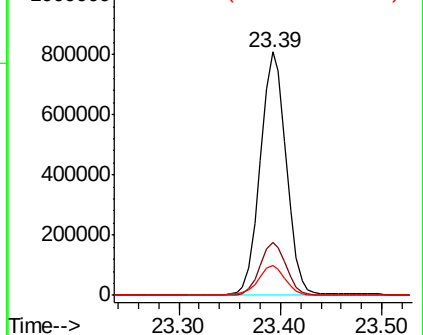
125 12.1 10.0 15.0



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: 17.928 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

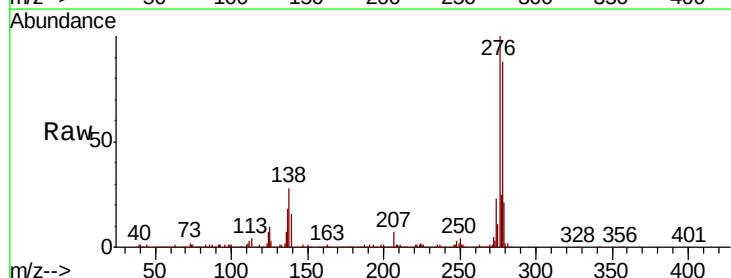
Tgt Ion:276 Resp: 1586278

Ion Ratio Lower Upper

276 100

138 27.7 22.2 33.4

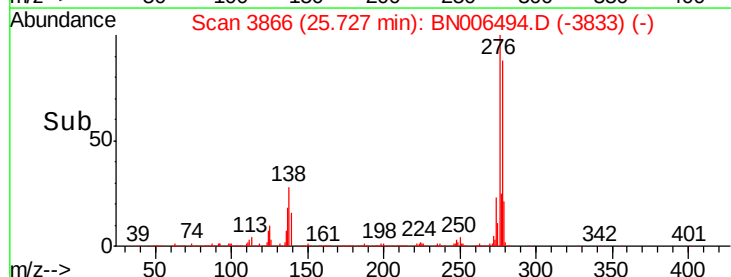
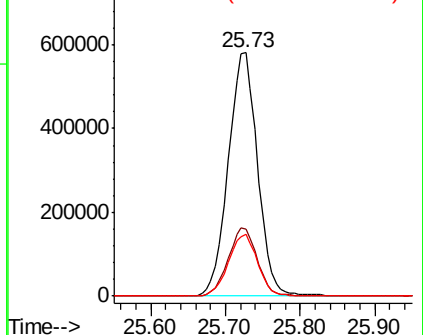
277 25.2 20.2 30.4

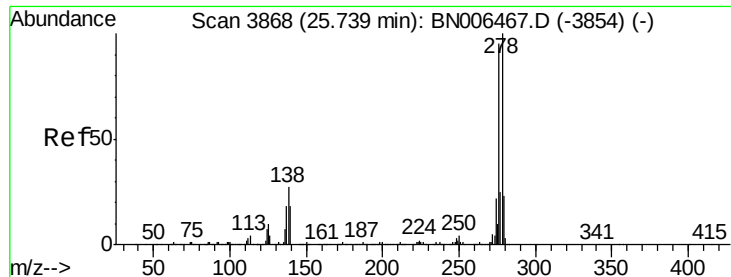


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 18.020 ng/ul

RT: 25.73 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

Instrument :

BNA\_N

ClientSampleId :

SSTD02023

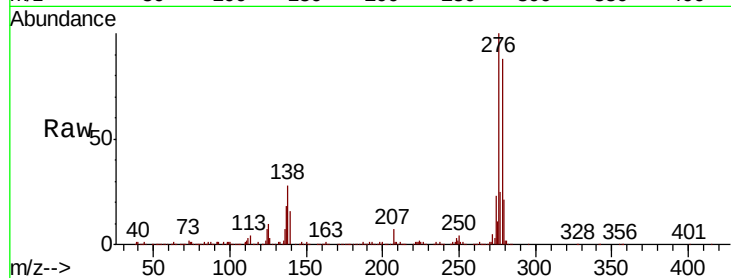
Tgt Ion:278 Resp: 1320305

Ion Ratio Lower Upper

278 100

139 18.4 14.2 21.4

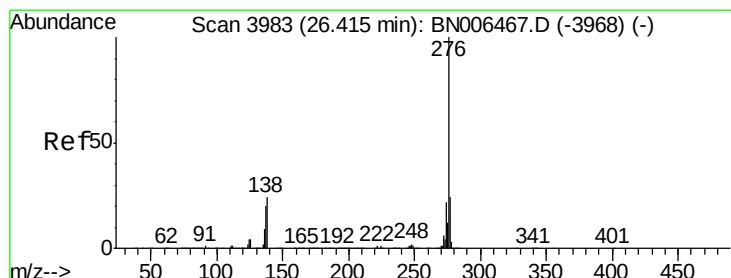
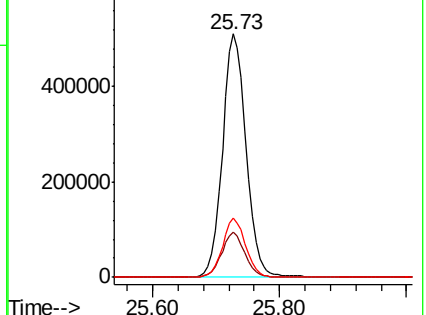
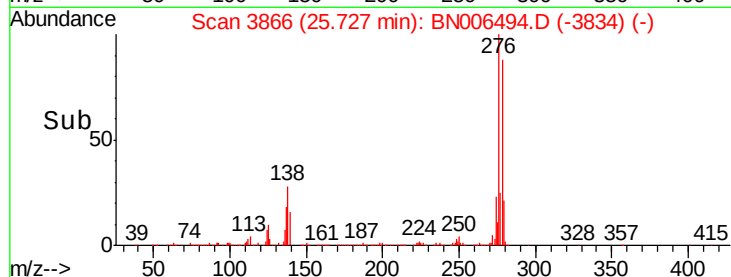
279 24.2 18.8 28.2



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: 17.623 ng/ul

RT: 26.41 min Scan# 3982

Delta R.T. -0.01 min

Lab File: BN006494.D

Acq: 22 Jun 2019 18:06

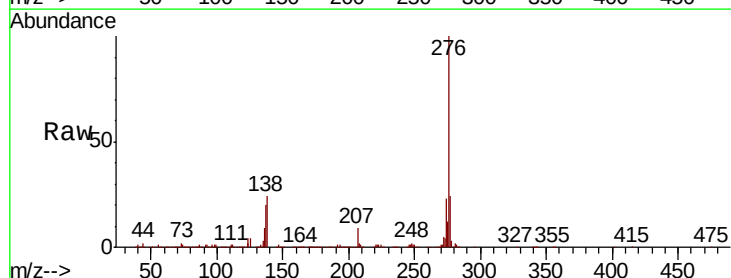
Tgt Ion:276 Resp: 1313241

Ion Ratio Lower Upper

276 100

138 24.1 19.1 28.7

277 23.6 19.4 29.0



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

