

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\  
 Data File : BN010366.D  
 Acq On : 01 Apr 2020 18:49  
 Operator : CG/JU  
 Sample : L2093-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBEW7

Quant Time: Apr 01 19:22:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 01 17:35:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 485386   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.37 | 136  | 2081518  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.24 | 164  | 1423388  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.98 | 188  | 3369301  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.19 | 240  | 3598015  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.36 | 264  | 4083681  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.21  | 96  | 43116   | 4.20  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 1216637 | 30.05 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67  | 630256  | 29.71 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.15  | 132 | 1002989 | 31.20 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.31  | 113 | 1019638 | 29.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.75  | 128 | 503222  | 32.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.46  | 143 | 528921  | 32.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.00 | 165 | 1130432 | 33.32 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 863769  | 21.54 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.66 | 166 | 3780208 | 35.20 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.93 | 160 | 4344823 | 34.63 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.44 | 143 | 646925  | 32.07 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.23 | 176 | 3326822 | 35.54 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 532703  | 27.61 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.08 | 188 | 5259730 | 34.00 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.38 | 212 | 6284664 | 33.90 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.23 | 264 | 7386642 | 36.36 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |        | Ovalue   |
|--------------------------------|-------|-----|---------|--------|----------|
| 2) 1,4-Dioxane                 | 3.24  | 88  | 240142  | 22.132 | ng/uL 99 |
| 4) Benzaldehyde                | 6.76  | 77  | 1039310 | 50.240 | ng/ul 96 |
| 6) Phenol                      | 6.82  | 94  | 1646682 | 38.862 | ng/ul 99 |
| 10) 2-Chlorophenol             | 7.18  | 128 | 898338  | 26.980 | ng/ul 97 |
| 15) N-Nitroso-di-n-propylamine | 8.41  | 70  | 780900  | 30.770 | ng/ul 98 |
| 20) Nitrobenzene               | 8.79  | 77  | 917546  | 24.428 | ng/ul 99 |
| 23) 2-Nitrophenol              | 9.49  | 139 | 510649  | 27.318 | ng/ul 95 |
| 27) 2,4-Dichlorophenol         | 10.02 | 162 | 1017657 | 29.703 | ng/ul 99 |
| 28) Naphthalene                | 10.42 | 128 | 2229410 | 19.909 | ng/ul 99 |
| 31) Hexachlorobutadiene        | 10.72 | 225 | 687473  | 30.179 | ng/ul 96 |
| 33) 4-Chloro-3-methylphenol    | 11.66 | 107 | 1747310 | 48.364 | ng/ul 99 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 1032266 | 22.997 | ng/ul 99 |
| 39) 2,4,6-Trichlorophenol      | 12.66 | 196 | 1217824 | 42.475 | ng/ul 95 |
| 41) 1,1'-Biphenyl              | 13.07 | 154 | 3288398 | 30.360 | ng/ul 97 |
| 42) 2-Chloronaphthalene        | 13.10 | 162 | 1590413 | 18.479 | ng/ul 98 |
| 45) Dimethylphthalate          | 13.70 | 163 | 3532128 | 31.849 | ng/ul 99 |
| 46) 2,6-Dinitrotoluene         | 13.81 | 165 | 639004  | 29.313 | ng/ul 98 |
| 50) Acenaphthene               | 14.30 | 153 | 2286178 | 24.587 | ng/ul 98 |
| 53) 4-Nitrophenol              | 14.45 | 109 | 472230  | 29.283 | ng/ul 98 |
| 54) Dibenzofuran               | 14.64 | 168 | 2787660 | 21.285 | ng/ul 99 |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.87 | 232 | 723919  | 26.907 | ng/ul 98 |
| 60) 4-Chlorophenyl-phenylether | 15.29 | 204 | 1058324 | 19.126 | ng/ul 99 |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 969800  | 45.807 | ng/ul 99 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN040120\  
 Data File : BN010366.D  
 Acq On : 01 Apr 2020 18:49  
 Operator : CG/JU  
 Sample : L2093-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBEW7

Quant Time: Apr 01 19:22:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 01 17:35:00 2020  
 Response via : Initial Calibration

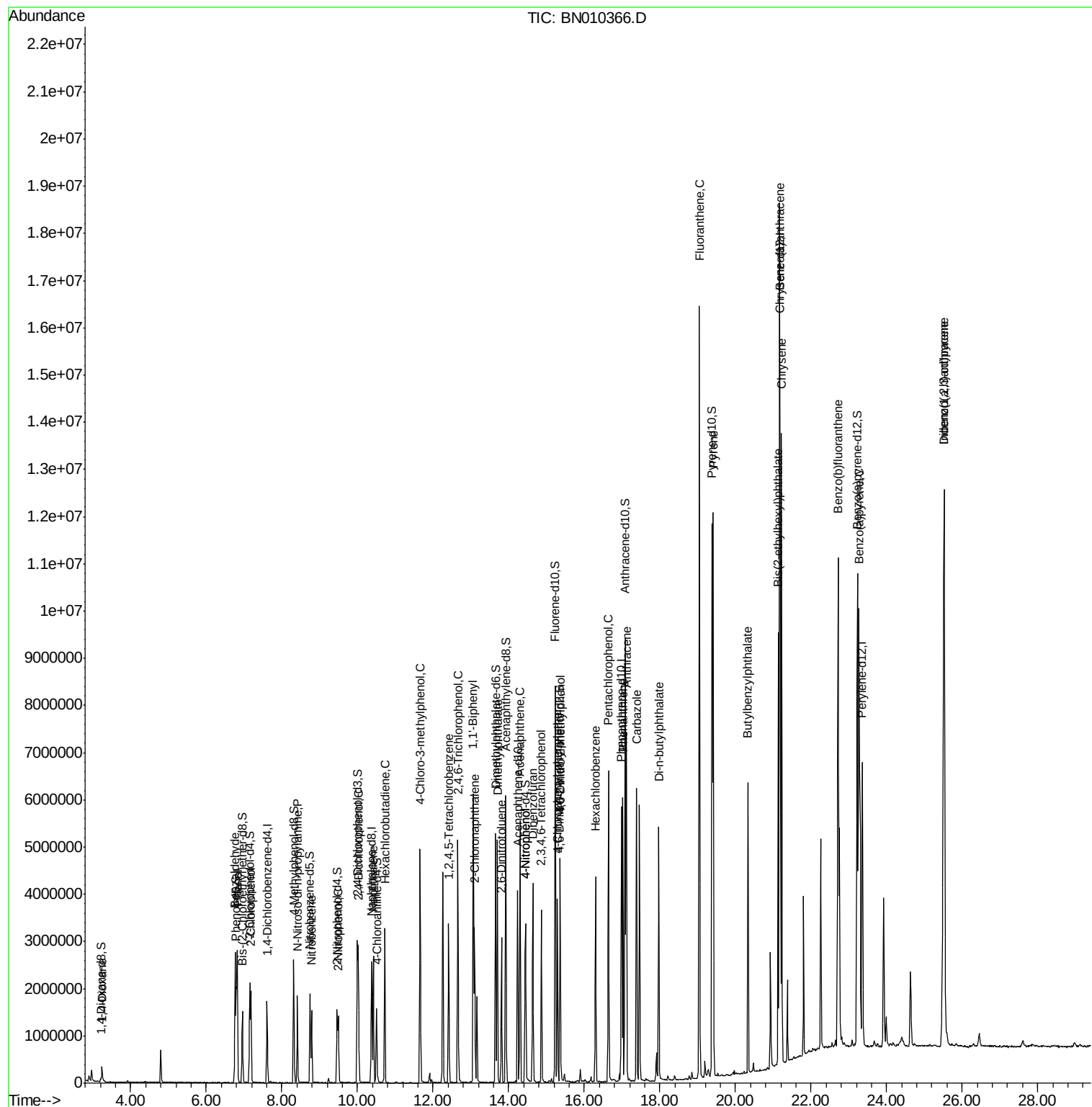
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 67) Hexachlorobenzene          | 16.30 | 284  | 860743   | 21.394 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 16.64 | 266  | 1025172  | 41.670 | ng/ul  | 91       |
| 70) Phenanthrene               | 17.03 | 178  | 3789469  | 20.298 | ng/ul  | 98       |
| 72) Anthracene                 | 17.12 | 178  | 4374690  | 23.429 | ng/ul  | 99       |
| 75) Carbazole                  | 17.39 | 167  | 3921063  | 25.253 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 17.97 | 149  | 3961437  | 20.528 | ng/ul  | 100      |
| 77) Fluoranthene               | 19.05 | 202  | 9979772  | 50.193 | ng/ul  | 98       |
| 80) Pyrene                     | 19.41 | 202  | 7221505  | 30.017 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.33 | 149  | 1859510  | 19.380 | ng/ul  | 94       |
| 83) Benzo(a)anthracene         | 21.17 | 228  | 9052316  | 37.448 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 3486459  | 24.555 | ng/ul# | 99       |
| 85) Chrysene                   | 21.22 | 228  | 6285820  | 27.268 | ng/ul  | 99       |
| 88) Benzo(b)fluoranthene       | 22.72 | 252  | 7029116  | 28.425 | ng/ul  | 94       |
| 91) Benzo(a)pyrene             | 23.27 | 252  | 6254201  | 27.014 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.52 | 276  | 8922271  | 29.862 | ng/ul  | 96       |
| 93) Dibenzo(a,h)anthracene     | 25.53 | 278  | 5649273  | 22.892 | ng/ul  | 100      |

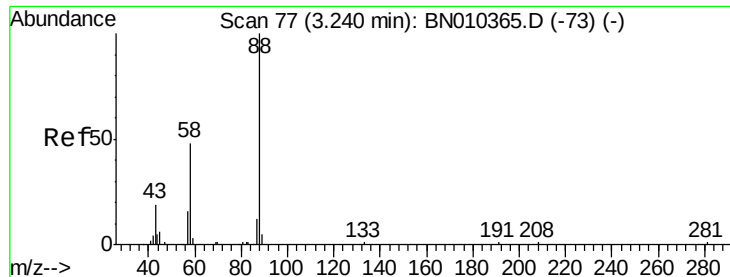
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\  
Data File : BN010366.D  
Acq On : 01 Apr 2020 18:49  
Operator : CG/JU  
Sample : L2093-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBEW7

Quant Time: Apr 01 19:22:16 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN040120MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 01 17:35:00 2020  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 22.132 ng/uL

RT: 3.24 min Scan# 77

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

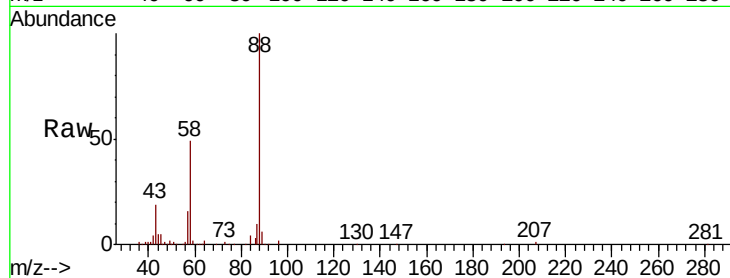
Tot Ion: 88 Resp: 240142

Ion Ratio Lower Upper

88 100

43 18.6 15.4 23.2

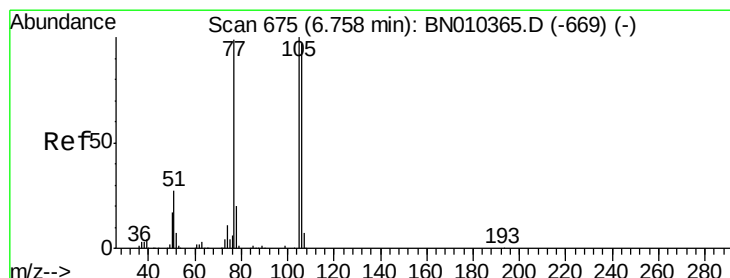
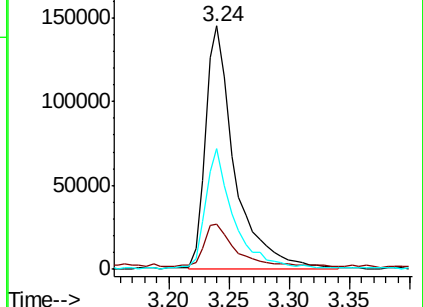
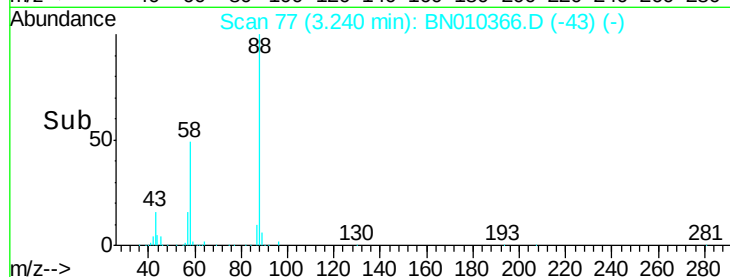
58 49.5 39.0 58.4



Abundance Ion 88.00 (87.70 to 88.70): BN010366.D (-43) (-)

Ion 43.00 (42.70 to 43.70): BN010366.D (-43) (-)

Ion 58.00 (57.70 to 58.70): BN010366.D (-43) (-)



#4

Benzaldehyde

Concen: 50.240 ng/uL

RT: 6.76 min Scan# 676

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

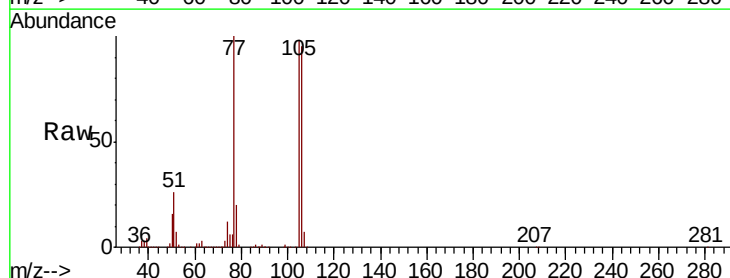
Tgt Ion: 77 Resp: 1039310

Ion Ratio Lower Upper

77 100

105 97.5 83.2 124.8

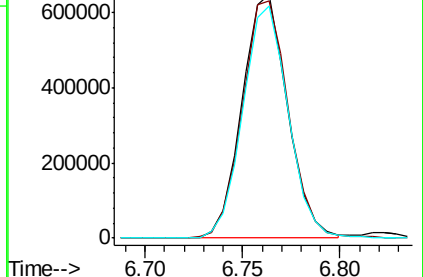
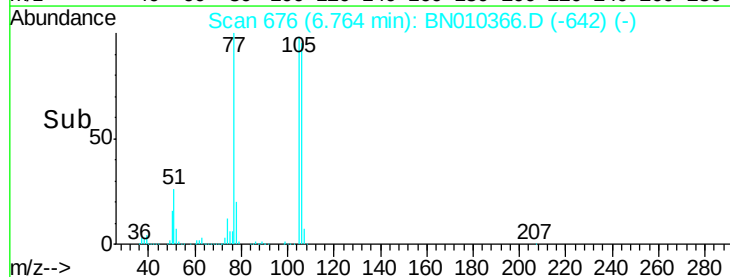
106 95.4 77.7 116.5

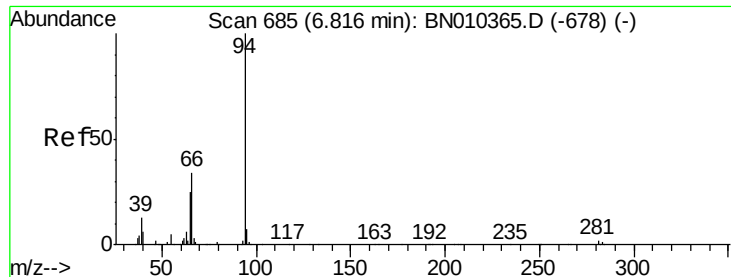


Abundance Ion 77.00 (76.70 to 77.70): BN010366.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BN010366.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BN010366.D (-642) (-)





#6

Phenol

Concen: 38.862 ng/ul

RT: 6.82 min Scan# 686

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampled :

DBEW7

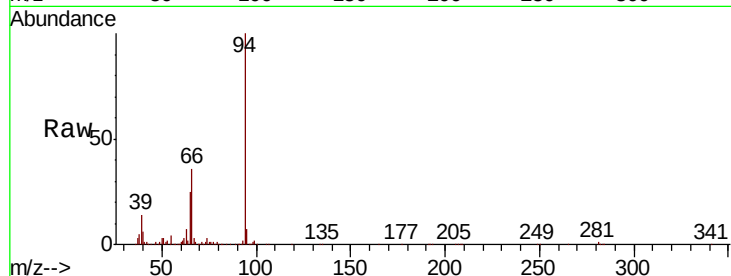
Tot Ion: 94 Resp: 1646682

Ion Ratio Lower Upper

94 100

65 24.8 20.1 30.1

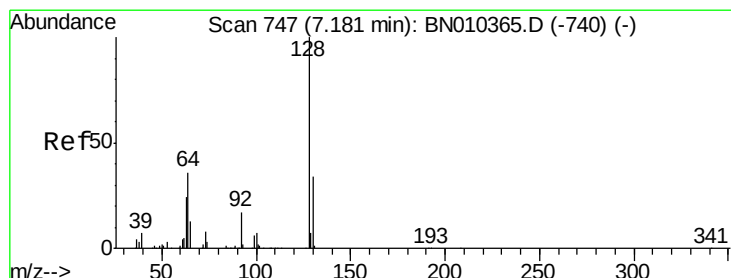
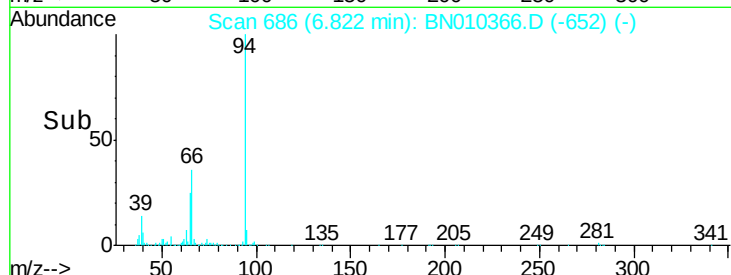
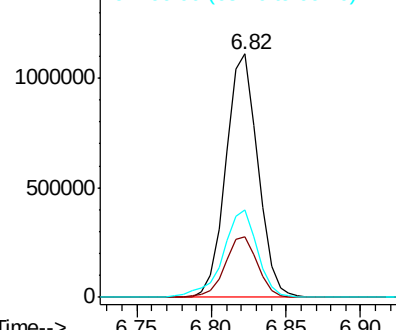
66 35.7 27.7 41.5



Abundance Ion 94.00 (93.70 to 94.70): BN010365.D (-678) (-)

1500000 Ion 65.00 (64.70 to 65.70): BN010365.D (-678) (-)

Ion 66.00 (65.70 to 66.70): BN010365.D (-678) (-)



#10

2-Chlorophenol

Concen: 26.980 ng/ul

RT: 7.18 min Scan# 747

Delta R.T. -0.01 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

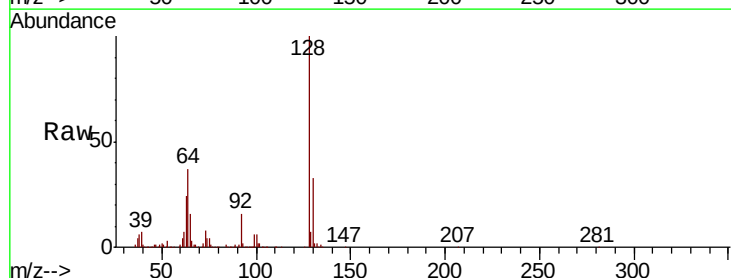
Tgt Ion: 128 Resp: 898338

Ion Ratio Lower Upper

128 100

64 36.5 27.7 41.5

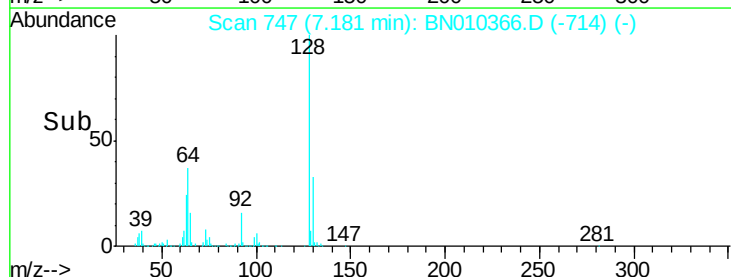
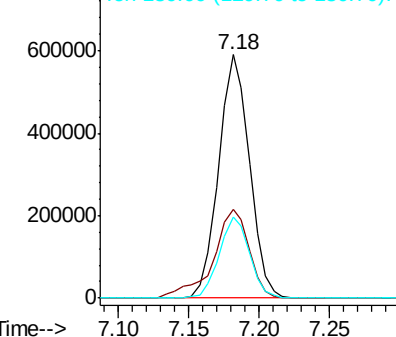
130 33.1 25.0 37.6

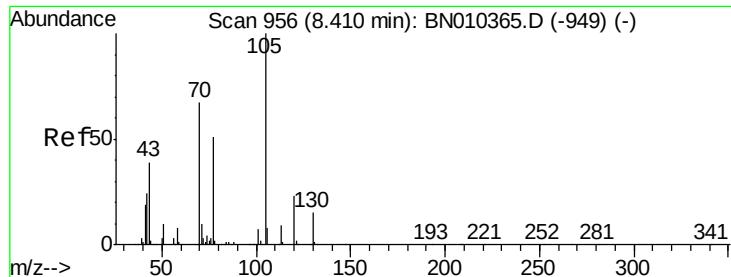


Abundance Ion 128.00 (127.70 to 128.70): BN010365.D (-740) (-)

800000 Ion 64.00 (63.70 to 64.70): BN010365.D (-740) (-)

Ion 130.00 (129.70 to 130.70): BN010365.D (-740) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 30.770 ng/ul

RT: 8.41 min Scan# 956

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

Tot Ion: 70 Resp: 780900

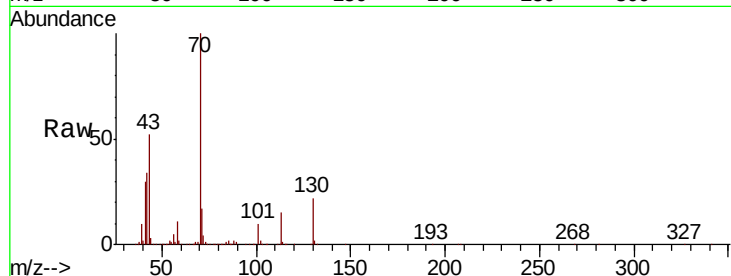
Ion Ratio Lower Upper

70 100

42 33.7 28.5 42.7

101 10.1 8.9 13.3

130 22.5 17.9 26.9

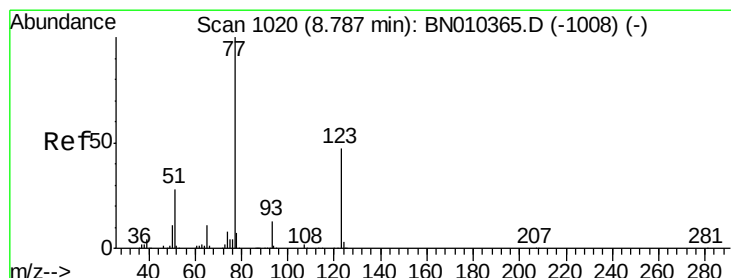
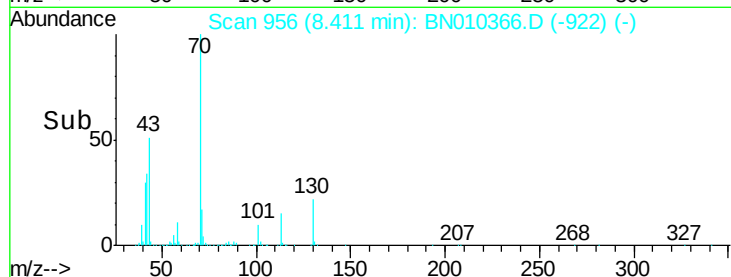
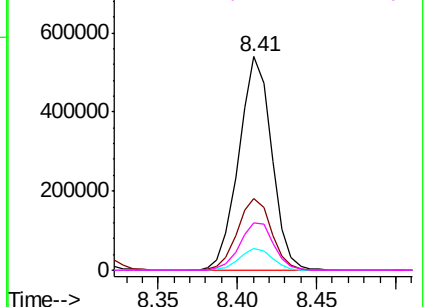


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0



#20

Nitrobenzene

Concen: 24.428 ng/ul

RT: 8.79 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

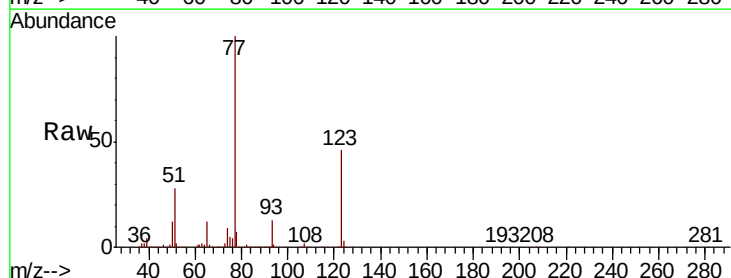
Tgt Ion: 77 Resp: 917546

Ion Ratio Lower Upper

77 100

123 46.0 36.0 54.0

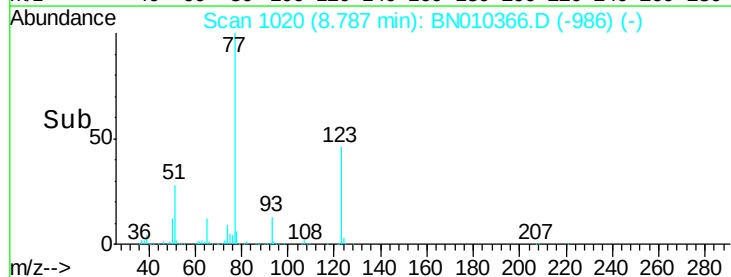
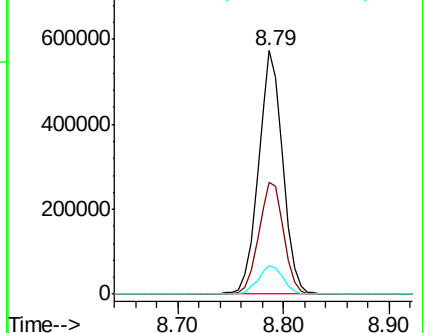
65 11.7 9.8 14.6

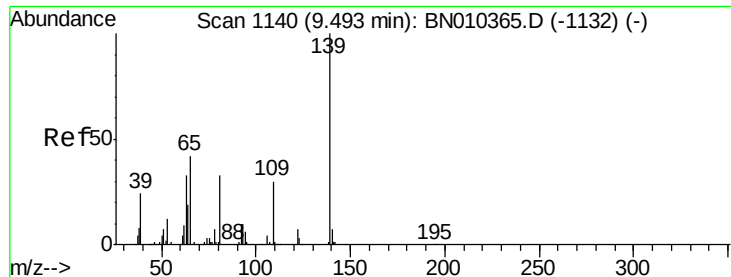


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

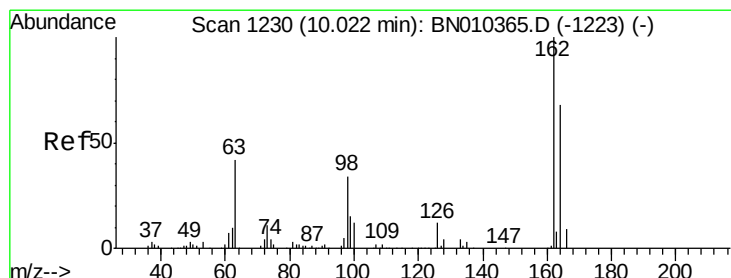
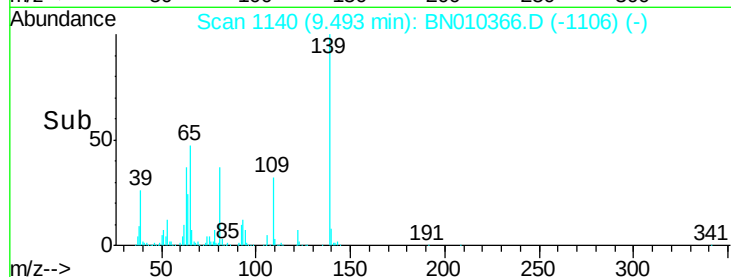
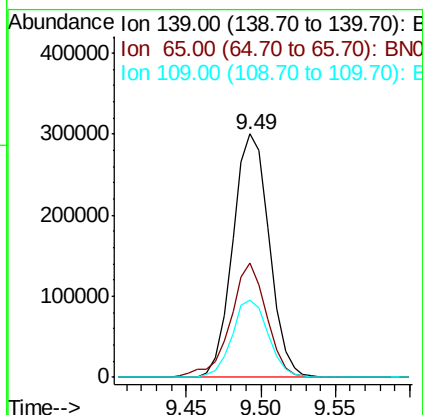
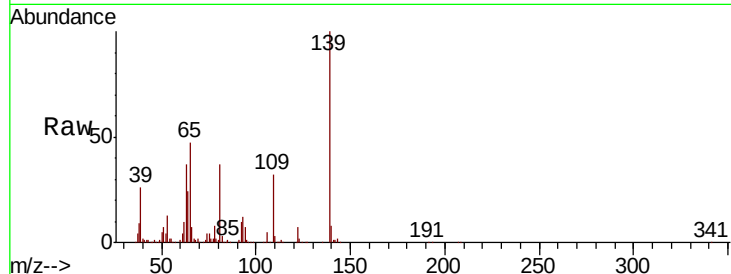




#23  
2-Nitrophenol  
Concen: 27.318 ng/ul  
RT: 9.49 min Scan# 1140  
Delta R.T. 0.00 min  
Lab File: BN010366.D  
Acq: 01 Apr 2020 18:49

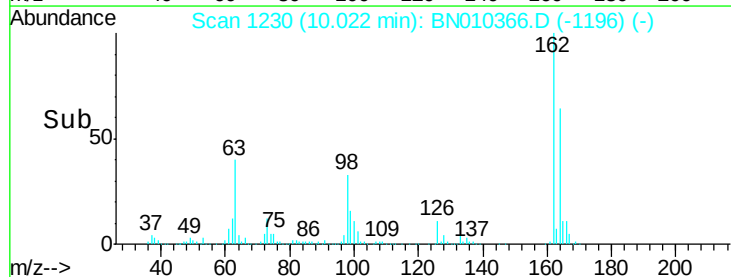
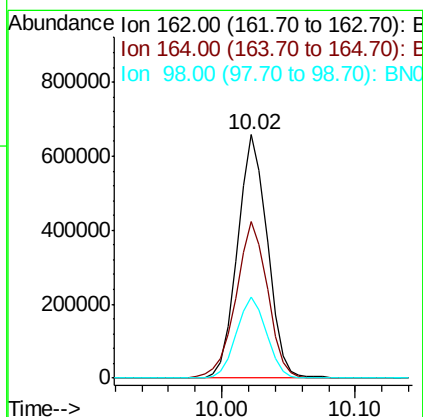
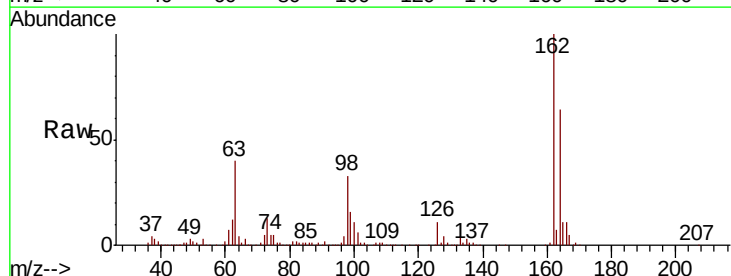
Instrument :  
BNA\_N  
ClientSampleId :  
DBEW7

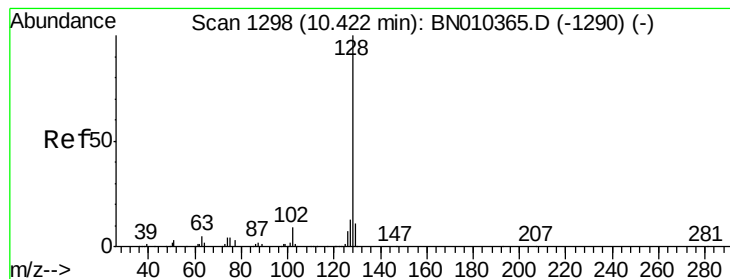
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 65      | 46.9  | 34.6  | 51.8  |
| 109     | 31.7  | 23.7  | 35.5  |



#27  
2,4-Dichlorophenol  
Concen: 29.703 ng/ul  
RT: 10.02 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: BN010366.D  
Acq: 01 Apr 2020 18:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 51.0  | 76.6  |
| 98      | 33.0  | 27.3  | 40.9  |





#28

Naphthalene

Concen: 19.909 ng/ul

RT: 10.42 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

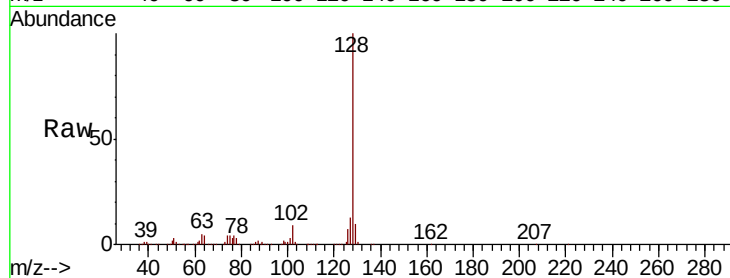
Tot Ion:128 Resp: 2229410

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

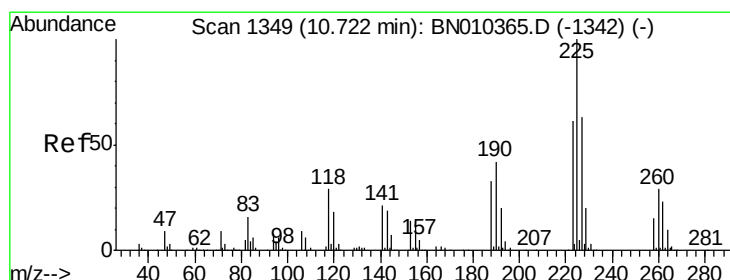
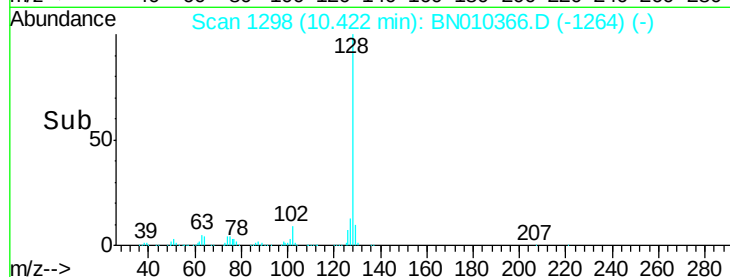
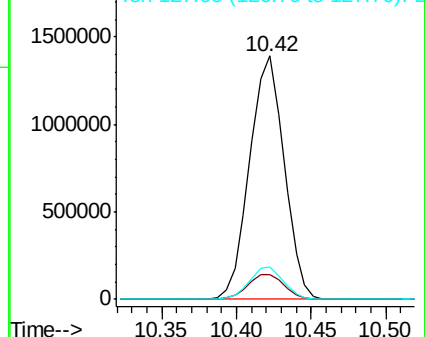
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#31

Hexachlorobutadiene

Concen: 30.179 ng/ul

RT: 10.72 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

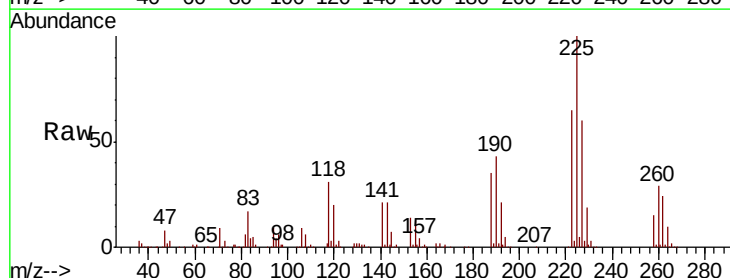
Tgt Ion:225 Resp: 687473

Ion Ratio Lower Upper

225 100

223 65.2 51.5 77.3

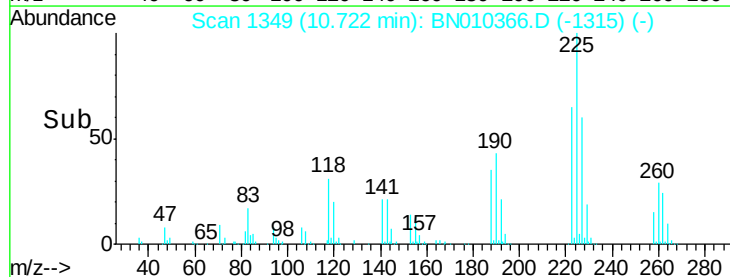
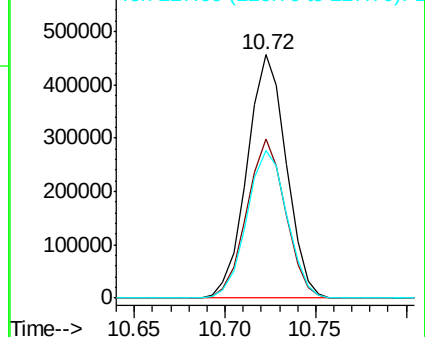
227 60.5 52.6 79.0



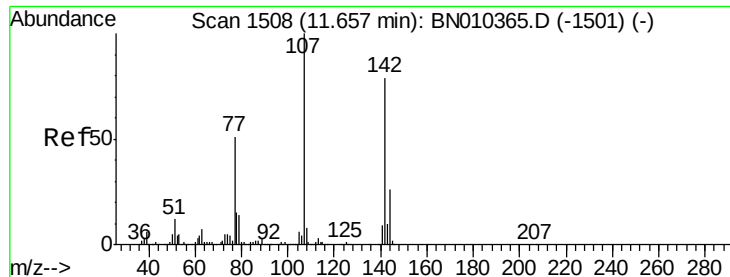
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



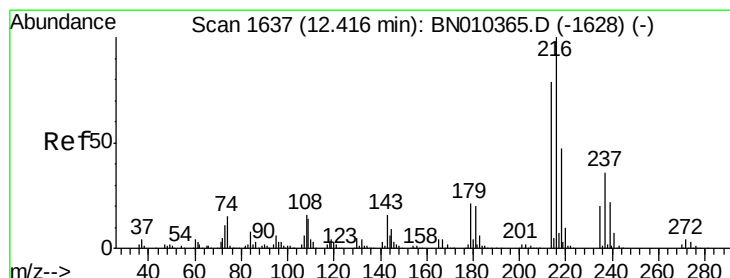
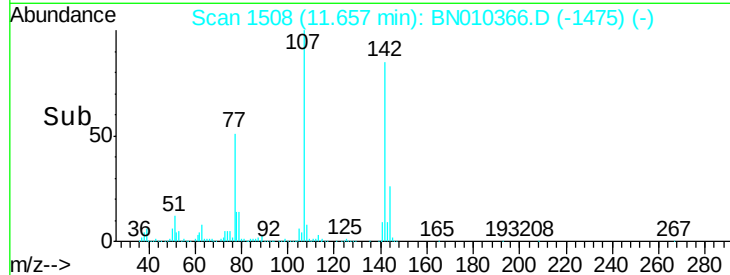
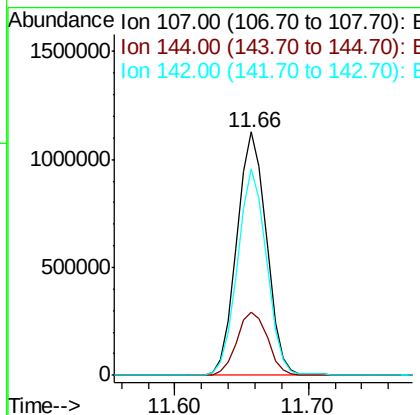
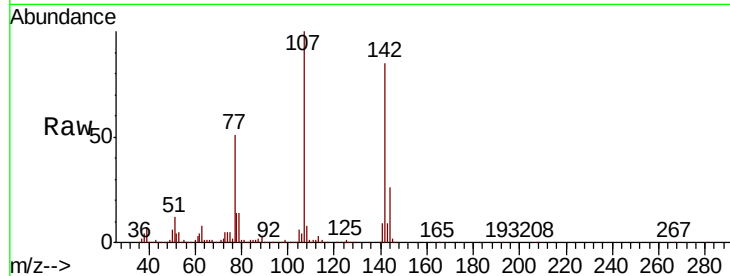




#33  
 4-Chloro-3-methylphenol  
 Concen: 48.364 ng/ul  
 RT: 11.66 min Scan# 1508  
 Delta R.T. -0.01 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

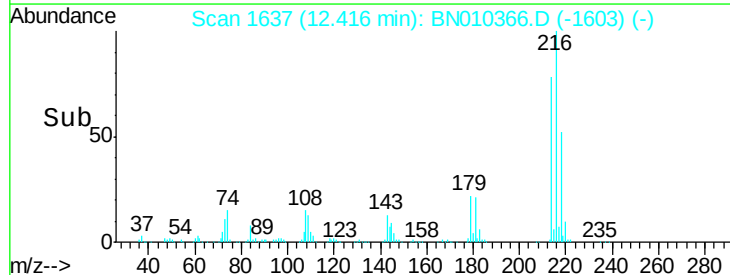
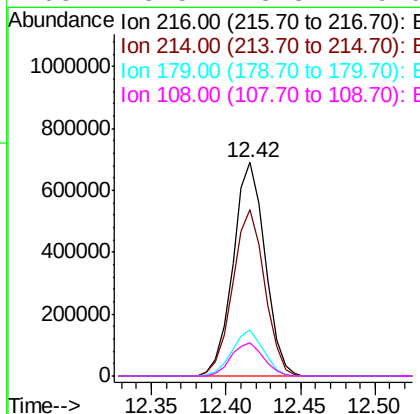
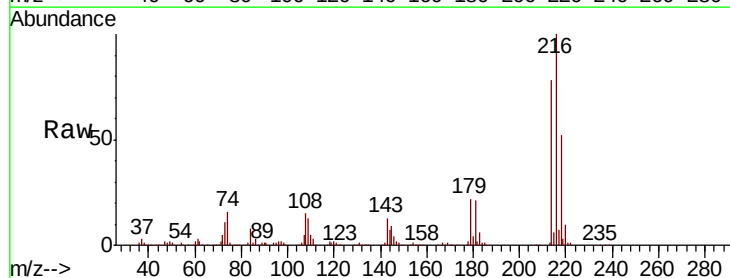
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBEW7

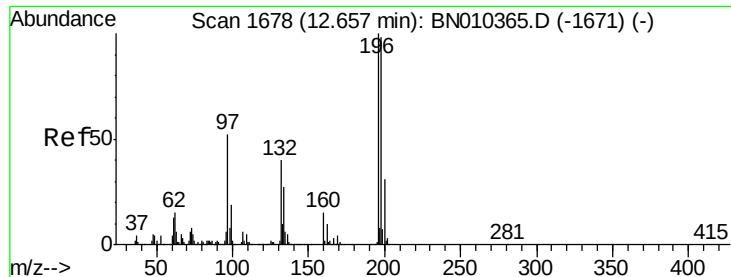
Tot Ion:107 Resp: 1747310  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 21.3 31.9  
 142 84.7 68.9 103.3



#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 22.997 ng/ul  
 RT: 12.42 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

Tgt Ion:216 Resp: 1032266  
 Ion Ratio Lower Upper  
 216 100  
 214 77.7 62.7 94.1  
 179 21.7 17.1 25.7  
 108 15.5 13.8 20.6

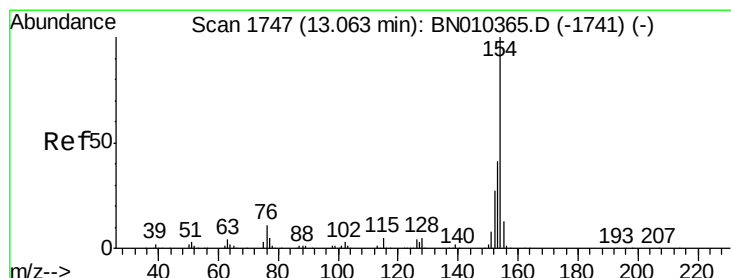
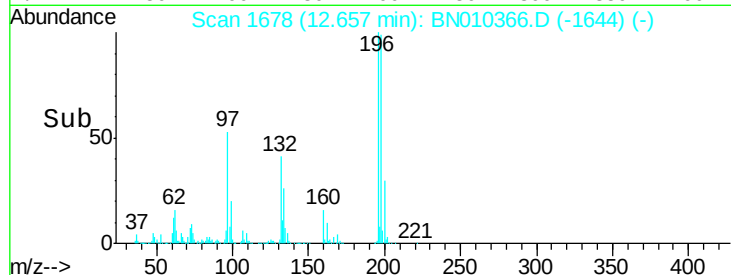
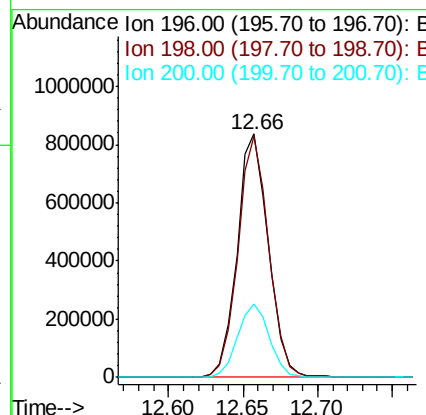
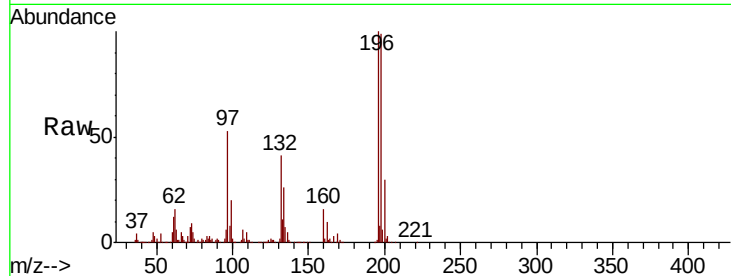




#39  
 2,4,6-Trichlorophenol  
 Concen: 42.475 ng/ul  
 RT: 12.66 min Scan# 1678  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

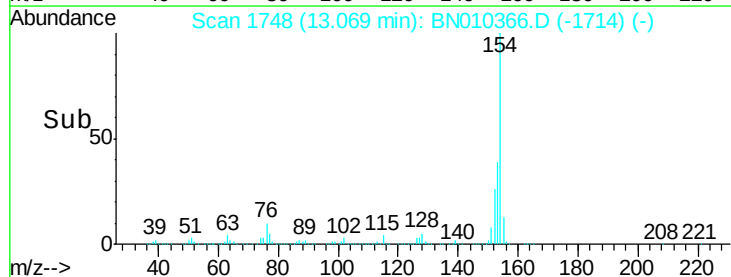
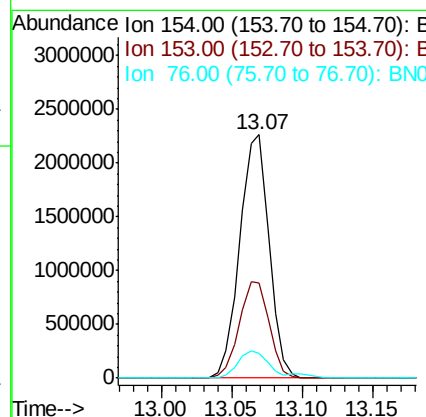
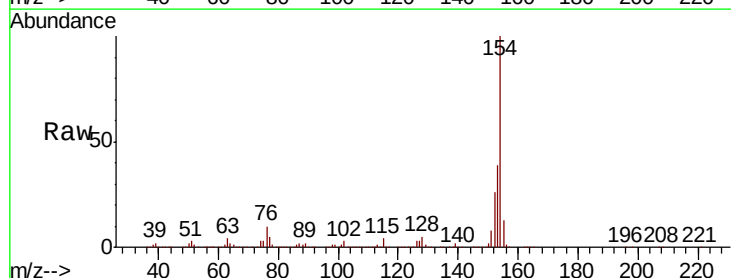
Instrument :  
 BNA\_N  
 ClientSampled :  
 DBEW7

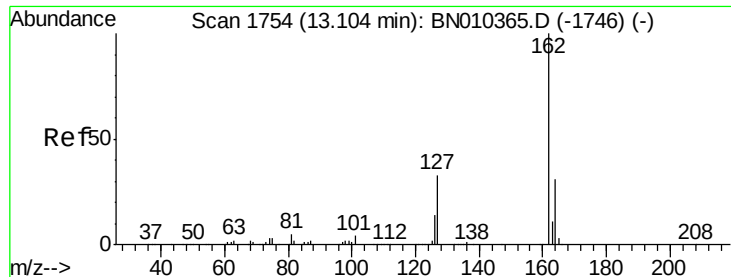
Tot Ion:196 Resp: 1217824  
 Ion Ratio Lower Upper  
 196 100  
 198 99.1 74.7 112.1  
 200 29.9 23.1 34.7



#41  
 1,1'-Biphenyl  
 Concen: 30.360 ng/ul  
 RT: 13.07 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

Tgt Ion:154 Resp: 3288398  
 Ion Ratio Lower Upper  
 154 100  
 153 39.1 32.6 49.0  
 76 10.4 9.4 14.2





#42

2-Chloronaphthalene

Concen: 18.479 ng/ul

RT: 13.10 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

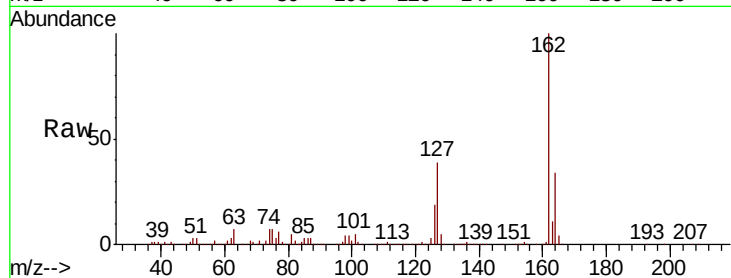
Tot Ion:162 Resp: 1590413

Ion Ratio Lower Upper

162 100

164 33.7 26.7 40.1

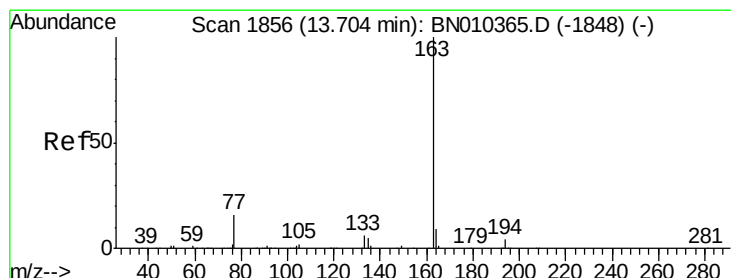
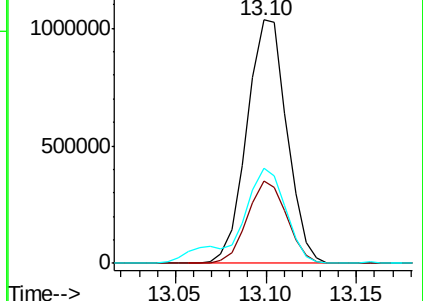
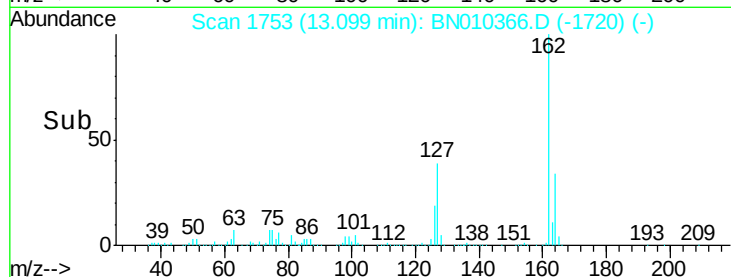
127 39.1 29.7 44.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 31.849 ng/ul

RT: 13.70 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

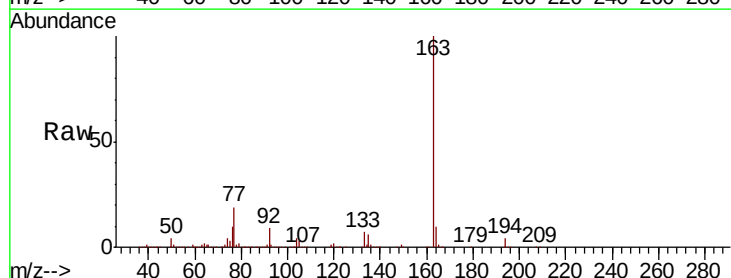
Tgt Ion:163 Resp: 3532128

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

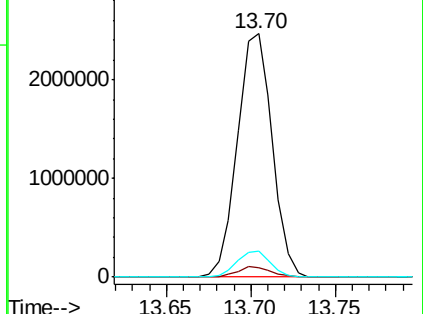
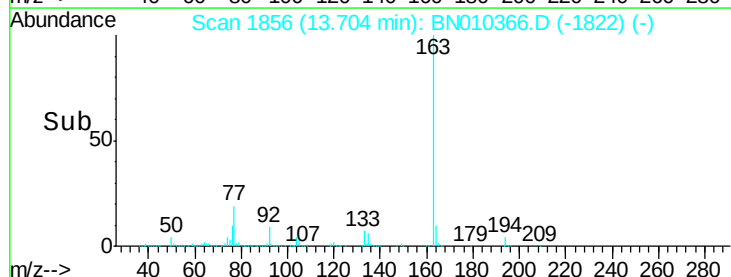
164 10.4 8.0 12.0

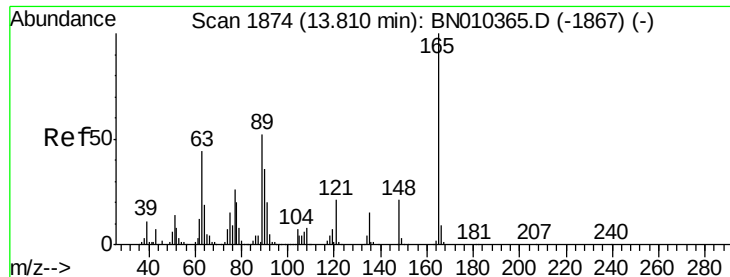


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

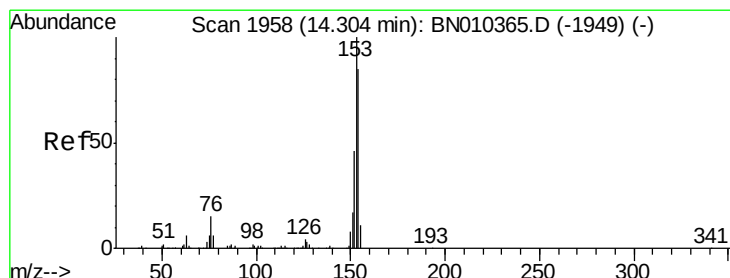
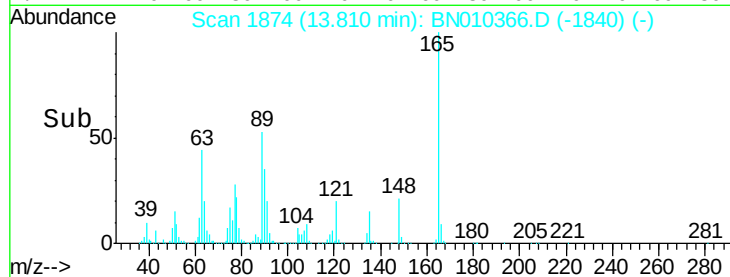
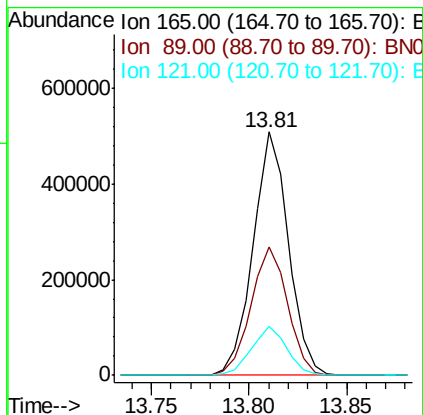
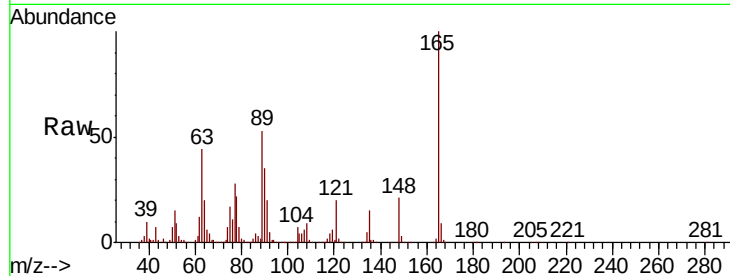




#46  
 2,6-Dinitrotoluene  
 Concen: 29.313 ng/ul  
 RT: 13.81 min Scan# 1874  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

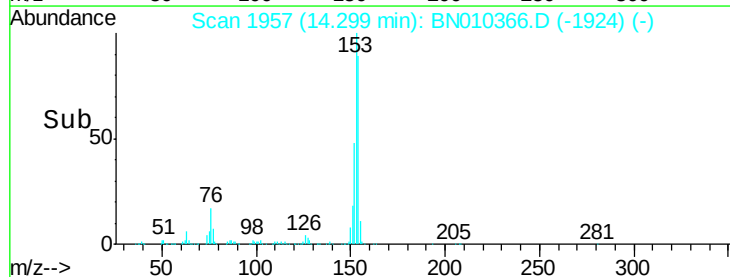
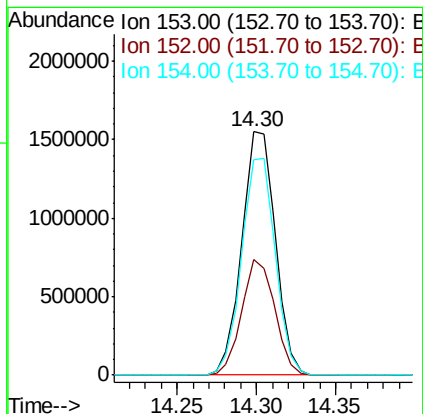
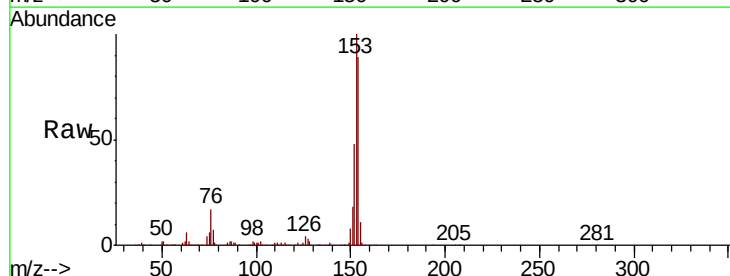
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBEW7

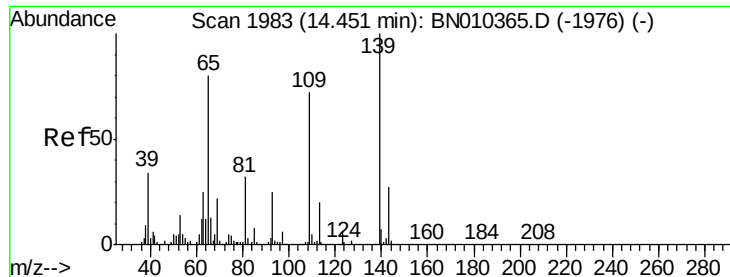
Tot Ion:165 Resp: 639004  
 Ion Ratio Lower Upper  
 165 100  
 89 52.6 44.0 66.0  
 121 20.3 16.2 24.4



#50  
 Acenaphthene  
 Concen: 24.587 ng/ul  
 RT: 14.30 min Scan# 1957  
 Delta R.T. -0.01 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

Tgt Ion:153 Resp: 2286178  
 Ion Ratio Lower Upper  
 153 100  
 152 47.6 37.8 56.6  
 154 88.7 69.1 103.7





#53

4-Nitrophenol

Concen: 29.283 ng/ul

RT: 14.45 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

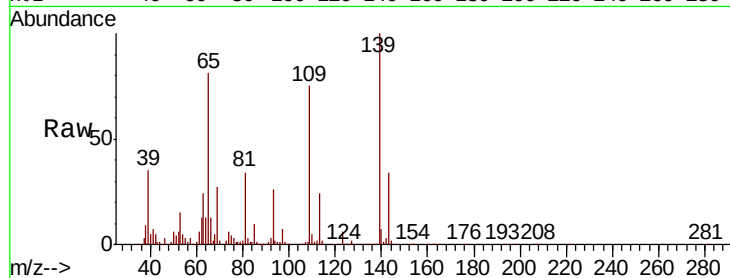
Tot Ion:109 Resp: 472230

Ion Ratio Lower Upper

109 100

139 132.8 106.1 159.1

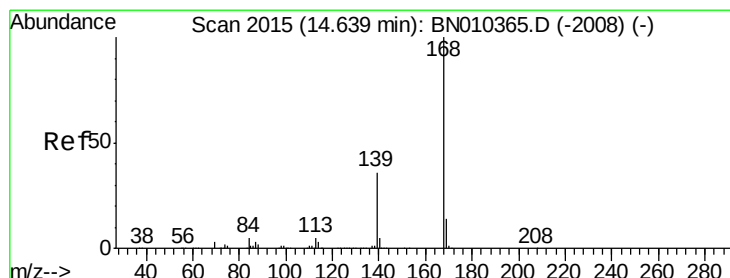
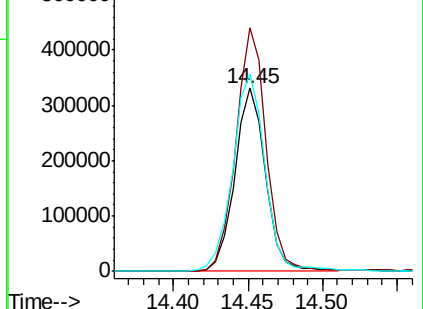
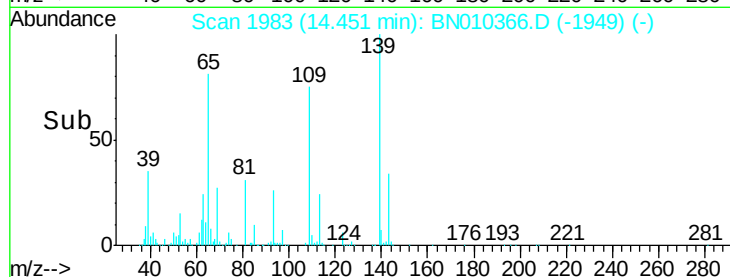
65 107.6 89.0 133.6



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



#54

Dibenzofuran

Concen: 21.285 ng/ul

RT: 14.64 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BN010366.D

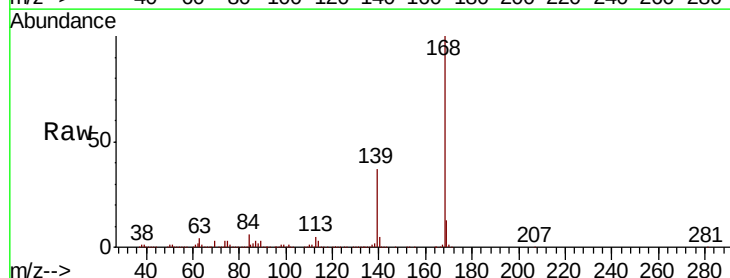
Acq: 01 Apr 2020 18:49

Tgt Ion:168 Resp: 2787660

Ion Ratio Lower Upper

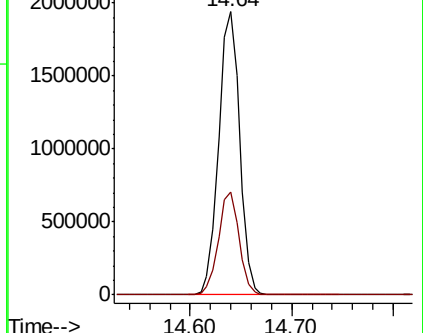
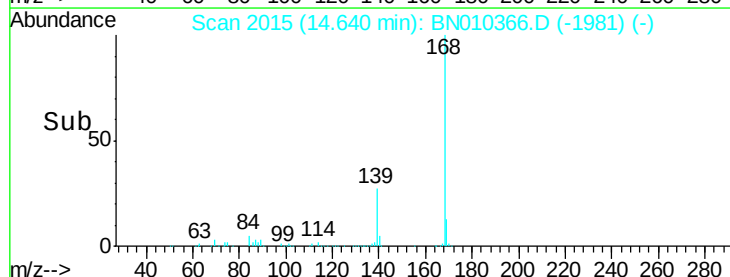
168 100

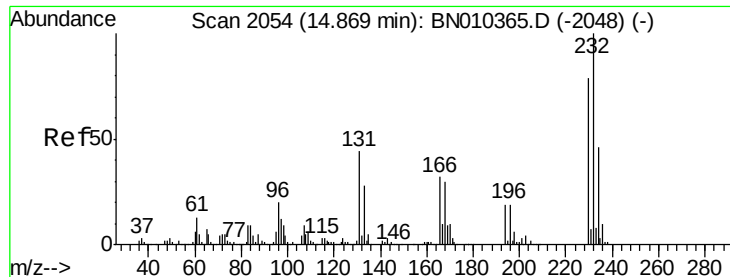
139 36.6 29.0 43.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

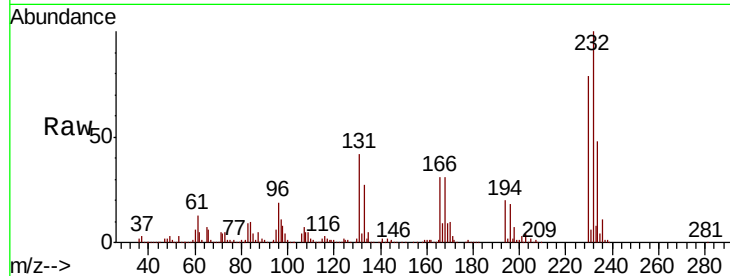




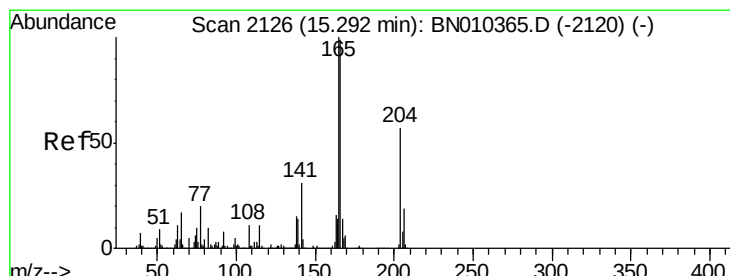
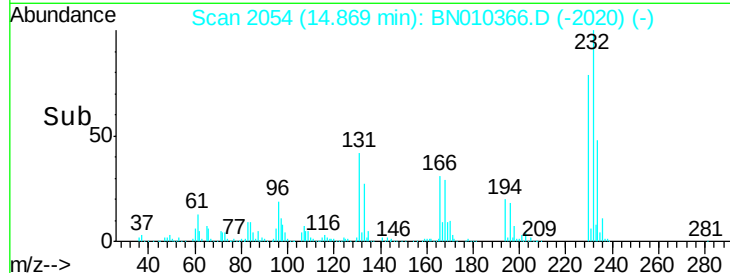
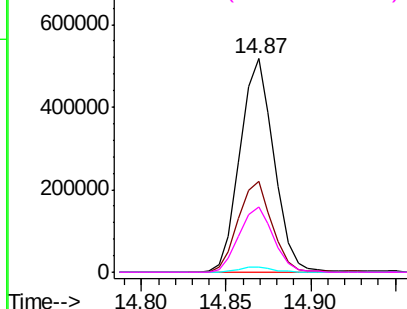
#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 26.907 ng/ul  
 RT: 14.87 min Scan# 2054  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBEW7

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 723919    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 42.3  | 33.2 49.8 |
| 130         | 2.2   | 2.1 3.1   |
| 166         | 30.8  | 26.0 39.0 |

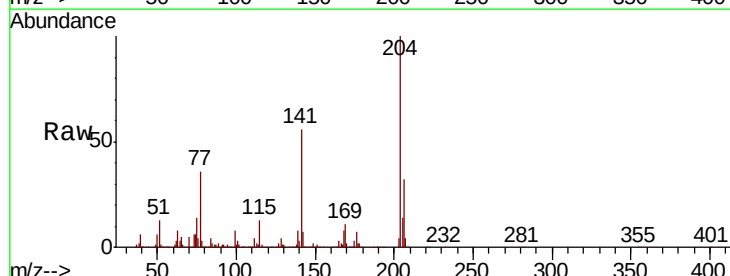


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

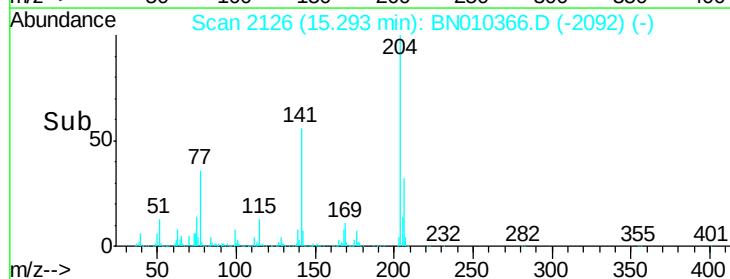
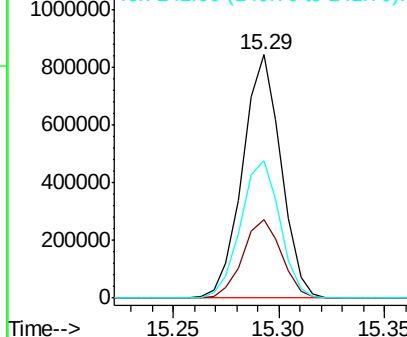


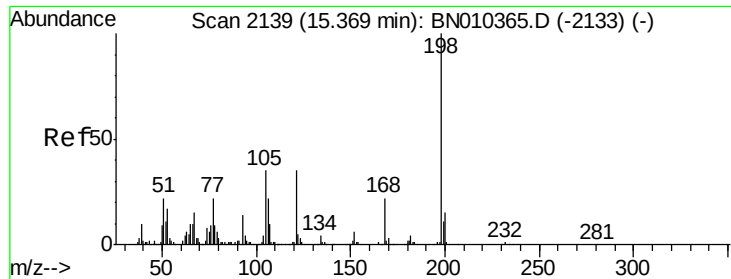
#60  
 4-Chlorophenyl-phenylether  
 Concen: 19.126 ng/ul  
 RT: 15.29 min Scan# 2126  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:204 | Resp: | 1058324   |
| Ion Ratio   | Lower | Upper     |
| 204         | 100   |           |
| 206         | 32.3  | 26.0 39.0 |
| 141         | 56.3  | 45.7 68.5 |



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

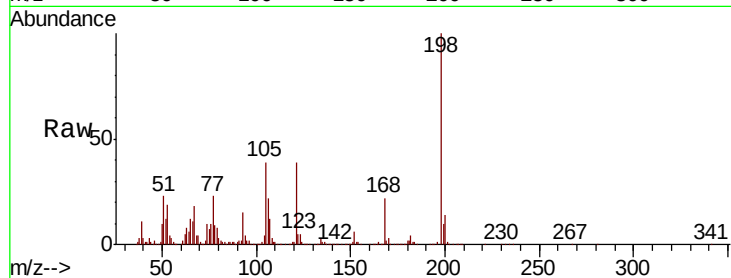




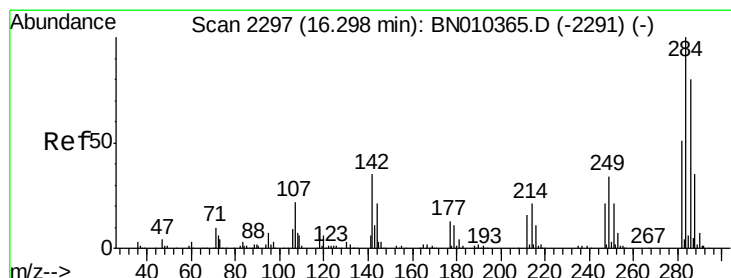
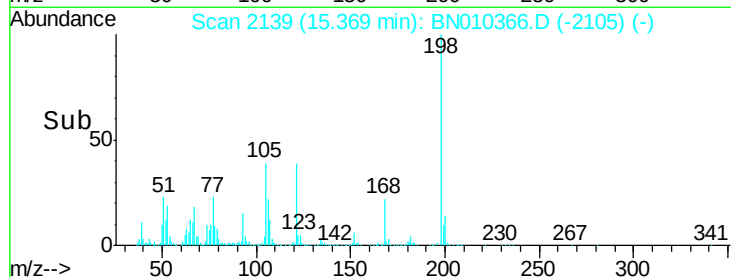
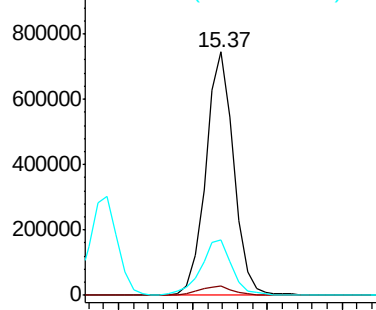
#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.807 ng/ul  
RT: 15.37 min Scan# 2139  
Delta R.T. 0.00 min  
Lab File: BN010366.D  
Acq: 01 Apr 2020 18:49

Instrument :  
BNA\_N  
ClientSampled :  
DBEW7

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 4.0   | 3.4   | 5.2   |
| 77      | 22.7  | 18.5  | 27.7  |

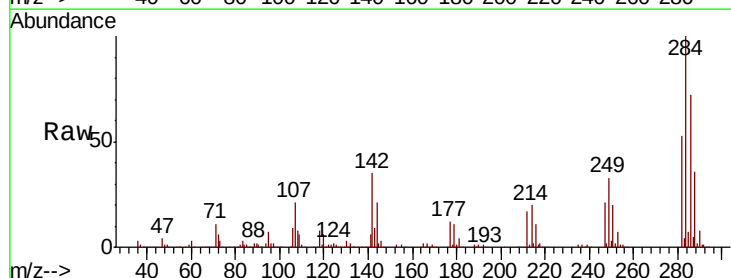


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BNO

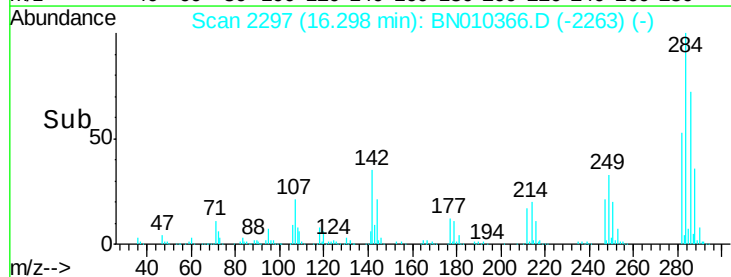
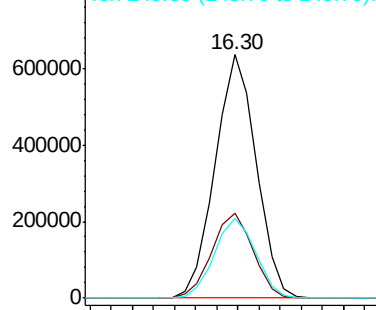


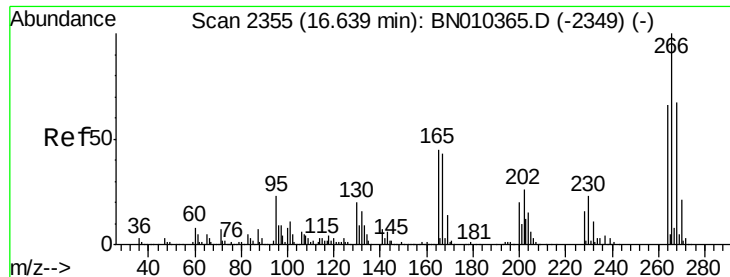
#67  
Hexachlorobenzene  
Concen: 21.394 ng/ul  
RT: 16.30 min Scan# 2297  
Delta R.T. 0.00 min  
Lab File: BN010366.D  
Acq: 01 Apr 2020 18:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.9  | 28.5  | 42.7  |
| 249     | 32.8  | 27.5  | 41.3  |



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





#69

Pentachlorophenol

Concen: 41.670 ng/ul

RT: 16.64 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

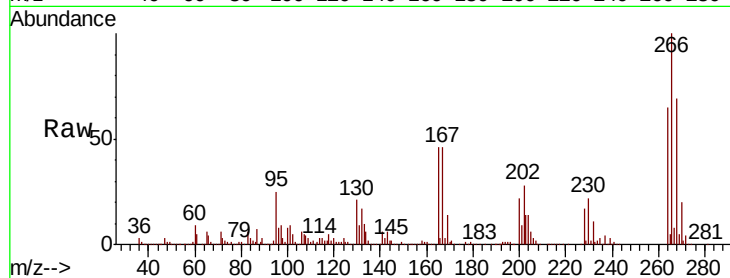
Tot Ion:266 Resp: 1025172

Ion Ratio Lower Upper

266 100

264 65.3 48.7 73.1

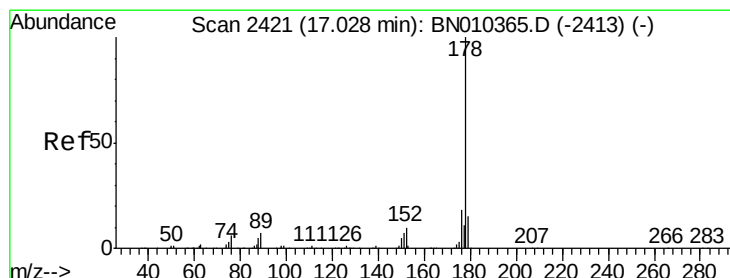
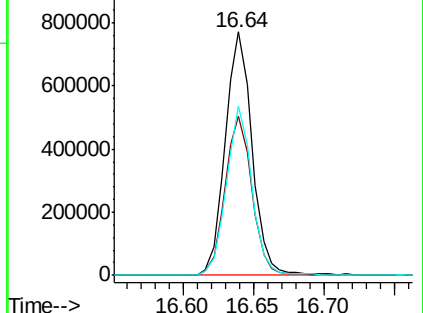
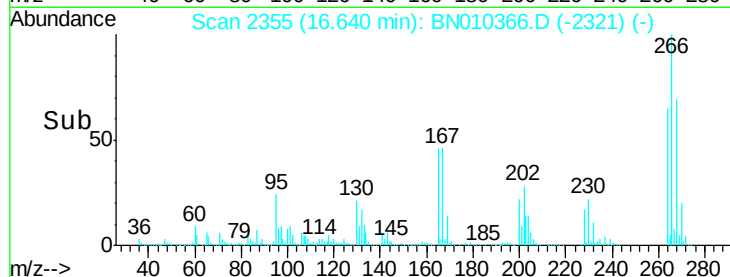
268 69.4 47.8 71.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 20.298 ng/ul

RT: 17.03 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

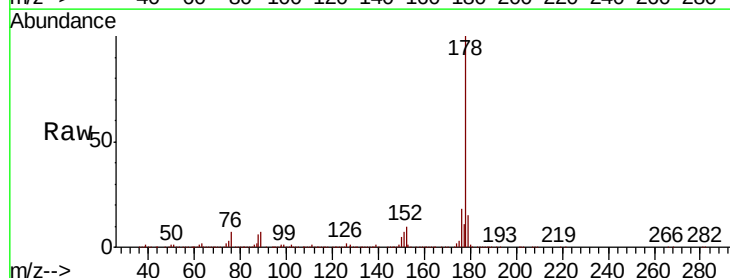
Tgt Ion:178 Resp: 3789469

Ion Ratio Lower Upper

178 100

179 15.2 11.9 17.9

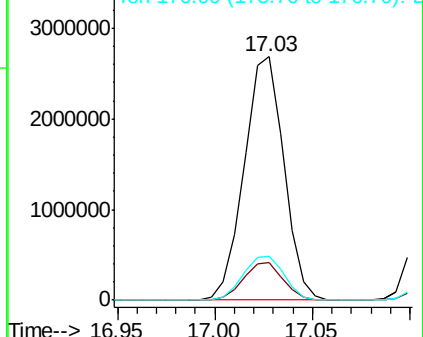
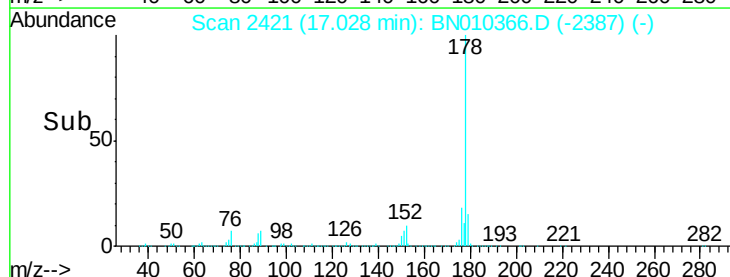
176 18.1 15.4 23.2



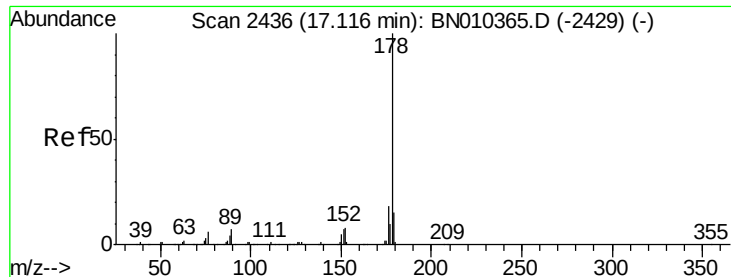
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



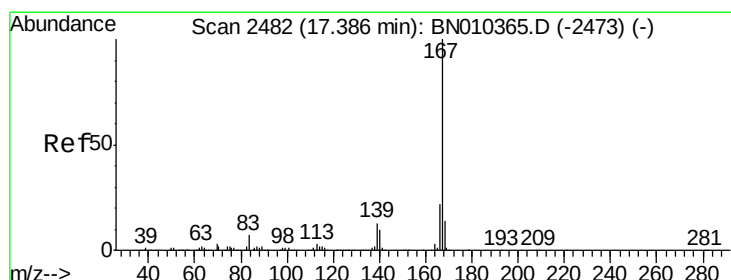
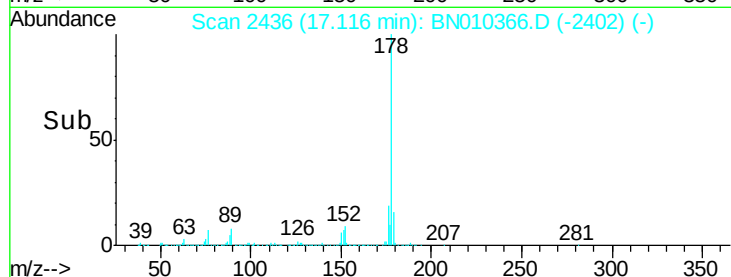
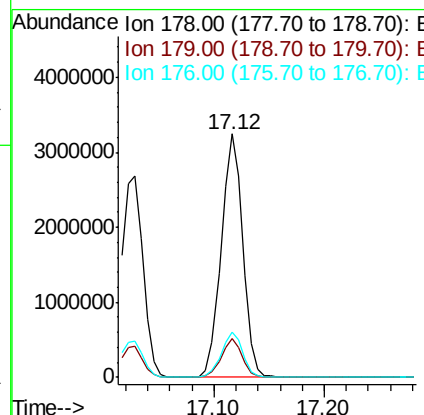
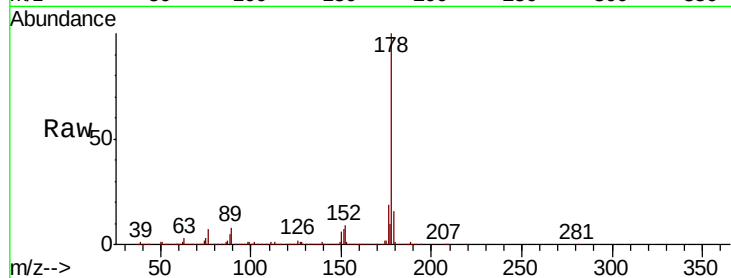




#72  
 Anthracene  
 Concen: 23.429 ng/ul  
 RT: 17.12 min Scan# 2436  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

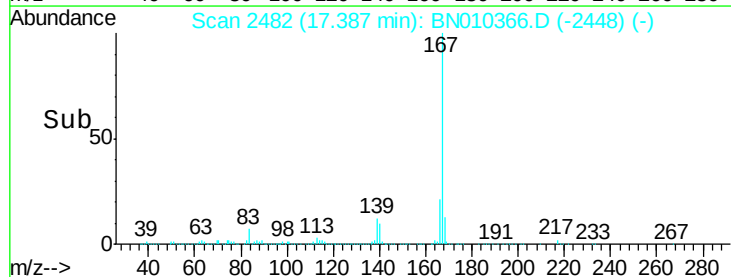
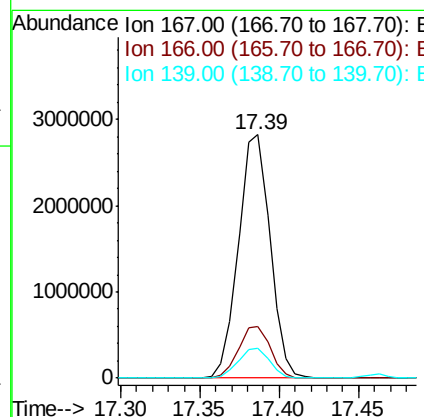
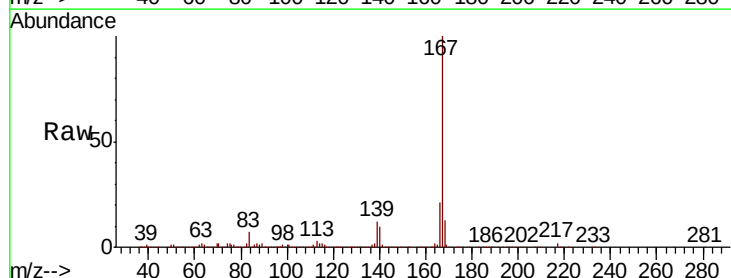
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBEW7

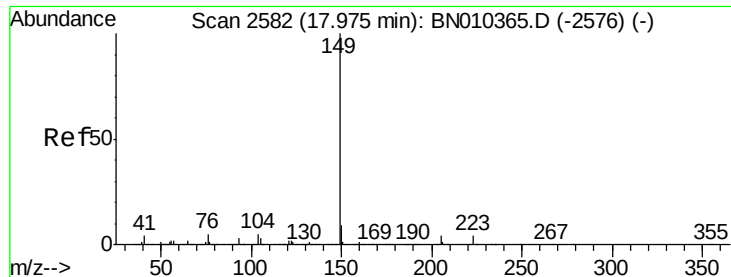
Tot Ion:178 Resp: 4374690  
 Ion Ratio Lower Upper  
 178 100  
 179 16.2 12.9 19.3  
 176 18.6 15.2 22.8



#75  
 Carbazole  
 Concen: 25.253 ng/ul  
 RT: 17.39 min Scan# 2482  
 Delta R.T. 0.00 min  
 Lab File: BN010366.D  
 Acq: 01 Apr 2020 18:49

Tgt Ion:167 Resp: 3921063  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.3 25.9  
 139 12.3 10.0 15.0





#76

Di-n-butylphthalate

Concen: 20.528 ng/ul

RT: 17.97 min Scan# 2581

Delta R.T. -0.01 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

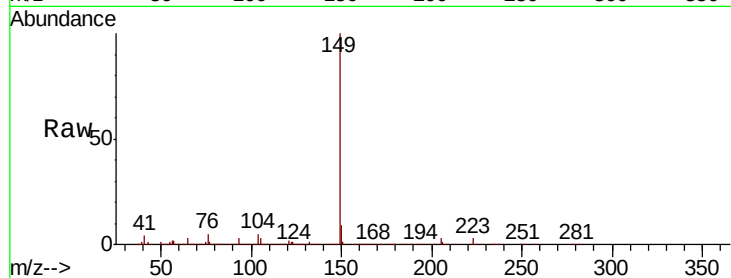
BNA\_N

ClientSampleId :

DBEW7

Tot Ion:149 Resp: 3961437

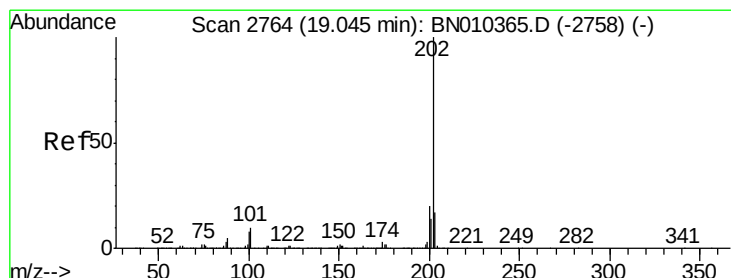
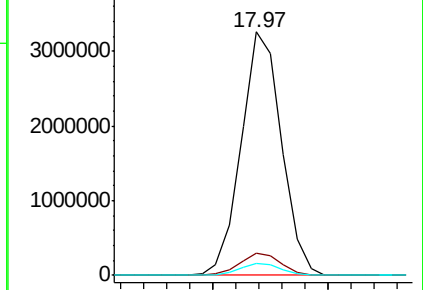
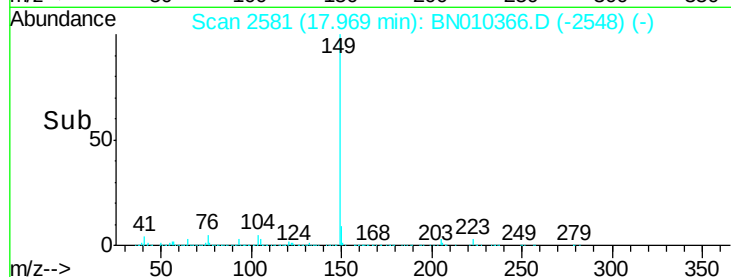
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.4   | 11.0  |
| 104 | 5.0   | 3.9   | 5.9   |



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



#77

Fluoranthene

Concen: 50.193 ng/ul

RT: 19.05 min Scan# 2765

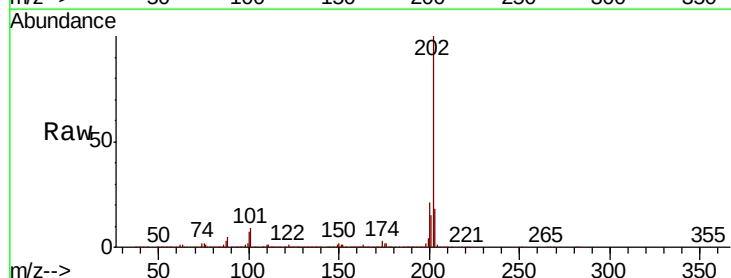
Delta R.T. 0.01 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Tgt Ion:202 Resp: 9979772

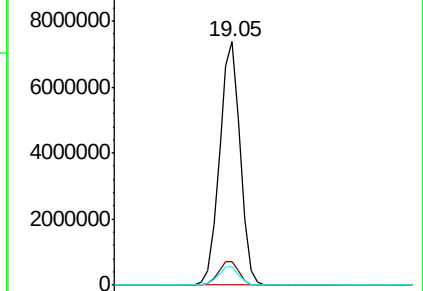
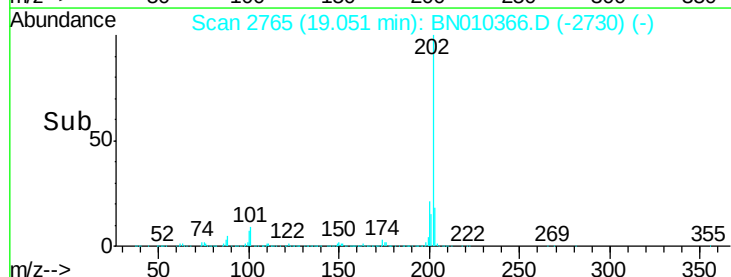
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 9.4   | 8.1   | 12.1  |
| 100 | 7.4   | 6.2   | 9.4   |

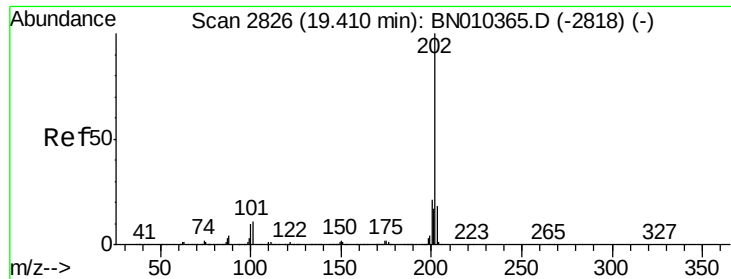


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

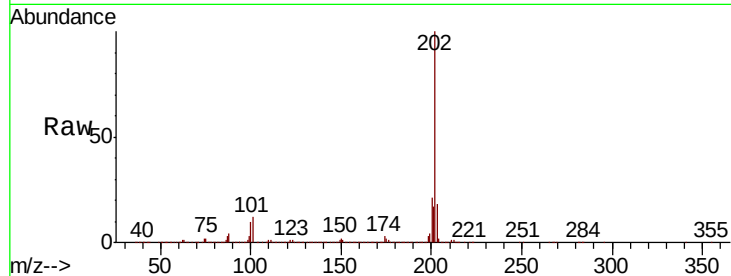




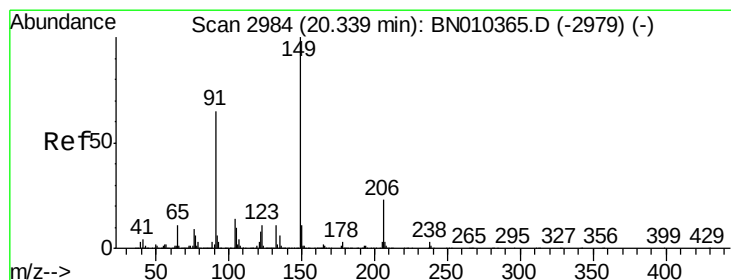
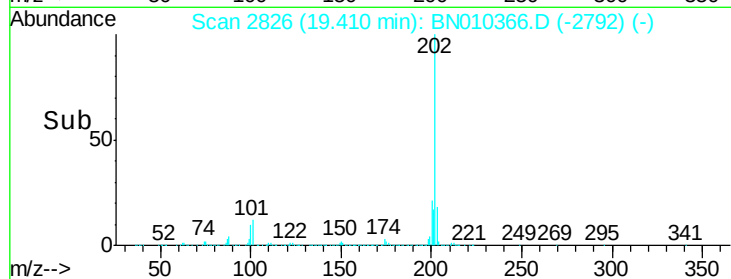
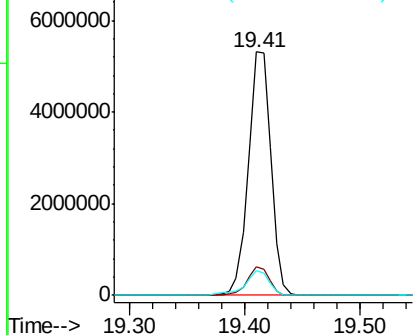
#80  
Pvrene  
Concen: 30.017 ng/ul  
RT: 19.41 min Scan# 2826  
Delta R.T. 0.00 min  
Lab File: BN010366.D  
Acq: 01 Apr 2020 18:49

Instrument :  
BNA\_N  
ClientSampleId :  
DBEW7

Tot Ion:202 Resp: 7221505  
Ion Ratio Lower Upper  
202 100  
101 11.8 9.6 14.4  
100 9.9 8.1 12.1

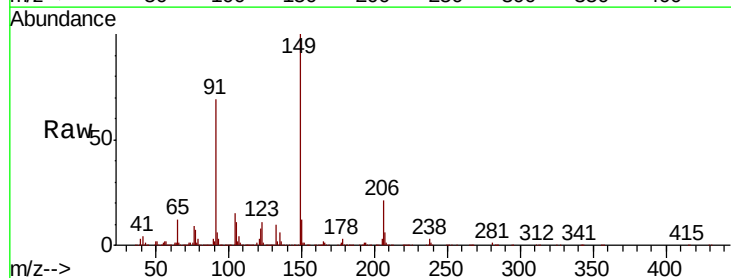


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

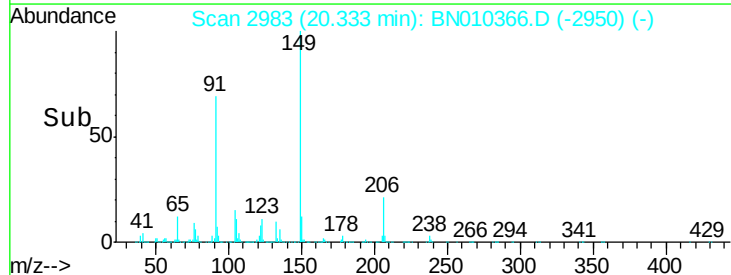
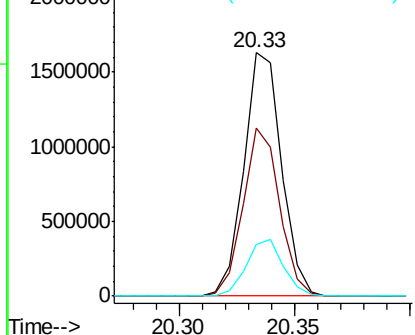


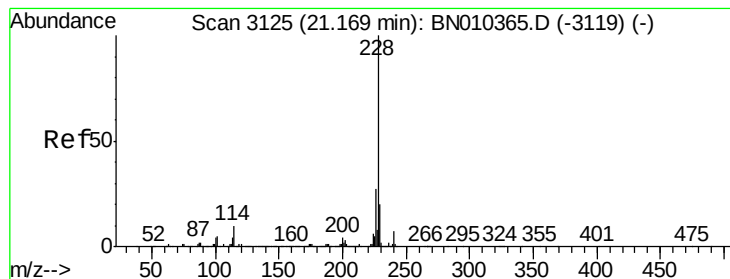
#81  
Butylbenzylphthalate  
Concen: 19.380 ng/ul  
RT: 20.33 min Scan# 2983  
Delta R.T. -0.01 min  
Lab File: BN010366.D  
Acq: 01 Apr 2020 18:49

Tgt Ion:149 Resp: 1859510  
Ion Ratio Lower Upper  
149 100  
91 68.9 51.4 77.2  
206 21.1 19.0 28.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): B  
Ion 206.00 (205.70 to 206.70): E





#83

Benzo(a)anthracene

Concen: 37.448 ng/ul

RT: 21.17 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

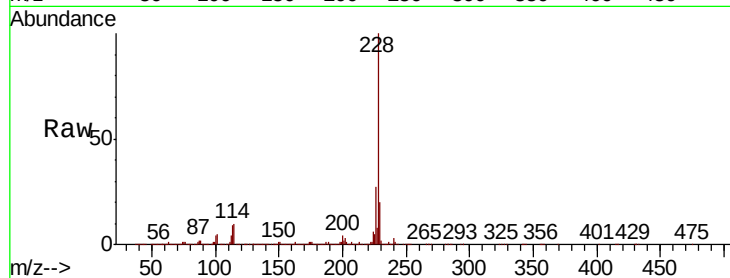
Tot Ion:228 Resp: 9052316

Ion Ratio Lower Upper

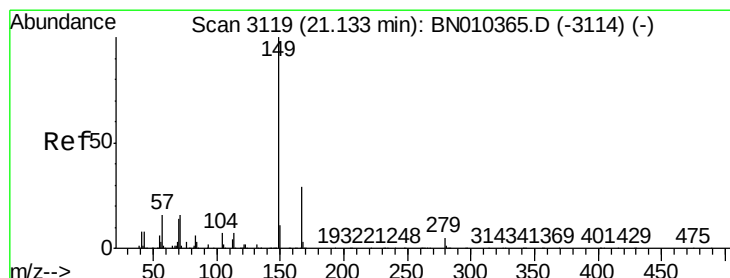
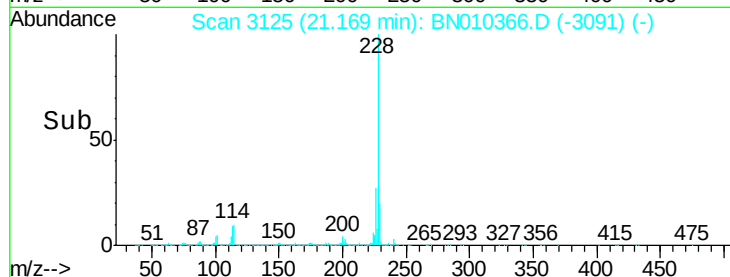
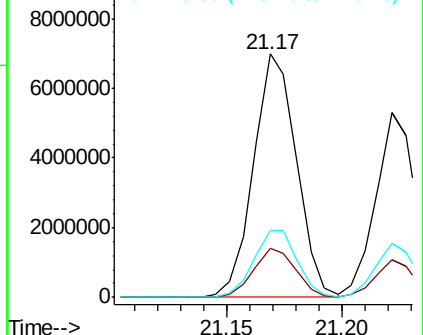
228 100

229 20.0 15.7 23.5

226 27.3 21.0 31.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.555 ng/ul

RT: 21.13 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

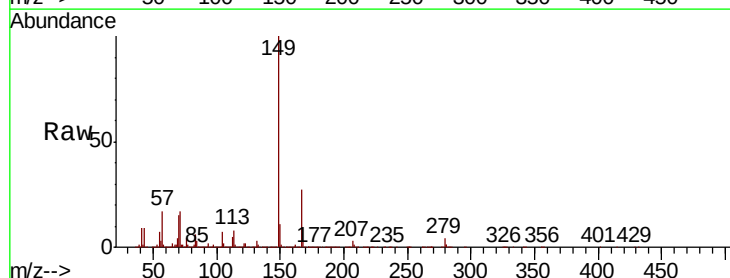
Tgt Ion:149 Resp: 3486459

Ion Ratio Lower Upper

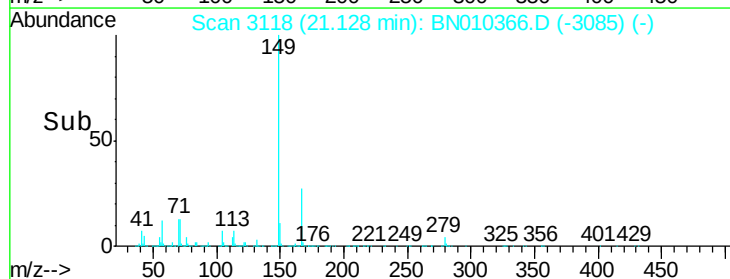
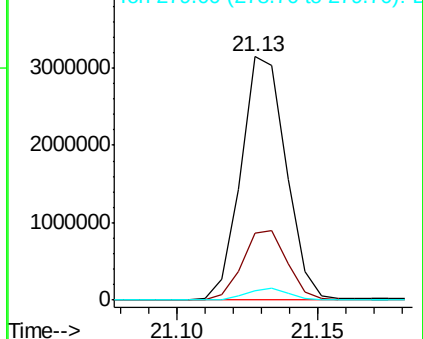
149 100

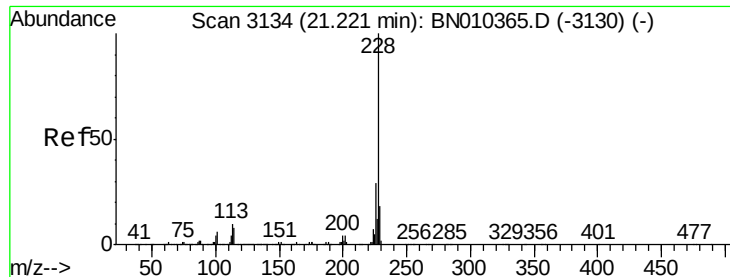
167 27.5 22.1 33.1

279 3.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 27.268 ng/ul

RT: 21.22 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

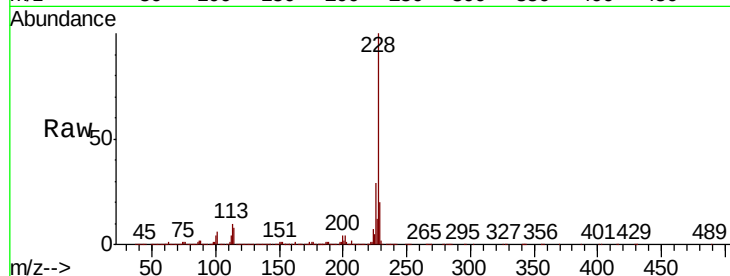
BNA\_N

ClientSampleId :

DBEW7

Tot Ion:228 Resp: 6285820

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.2  | 23.0  | 34.6  |
| 229 | 20.2  | 15.7  | 23.5  |

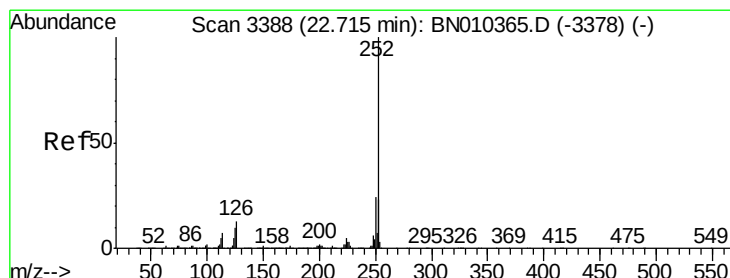
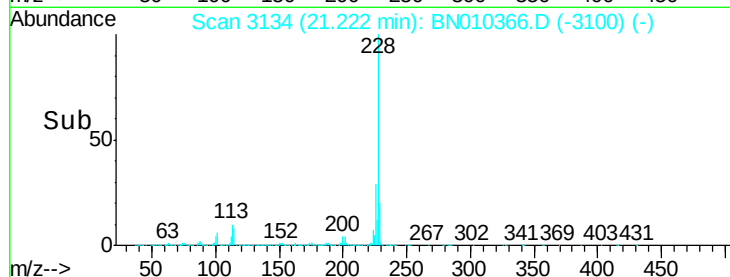
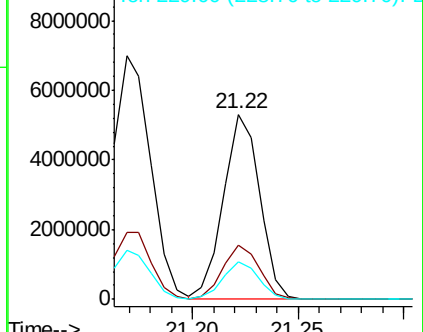


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 28.425 ng/ul

RT: 22.72 min Scan# 3388

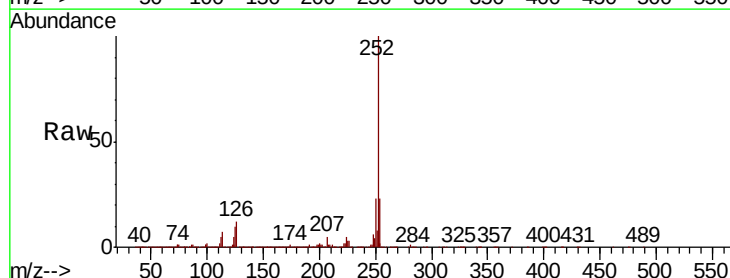
Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Tgt Ion:252 Resp: 7029116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 16.0  | 24.0  |
| 125 | 9.9   | 7.4   | 11.0  |

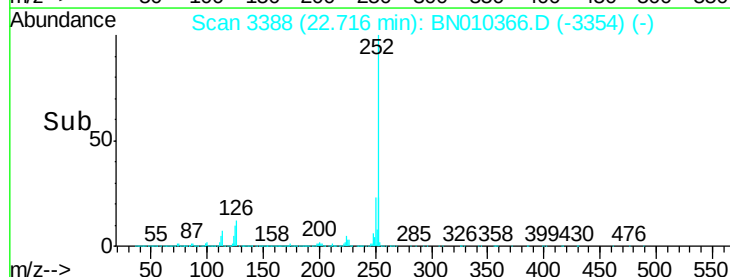
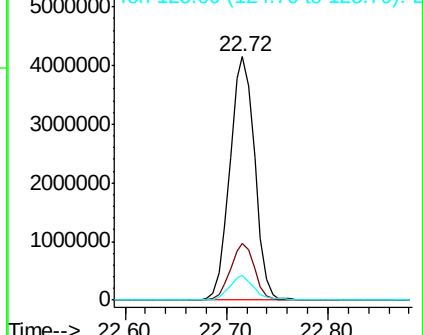


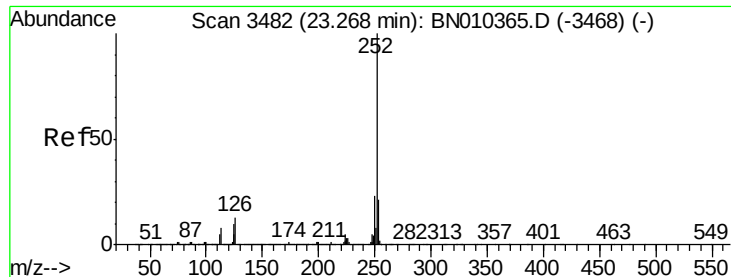
Abundance

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

Benzo(a)pyrene

Concen: 27.014 ng/ul

RT: 23.27 min Scan# 3482

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

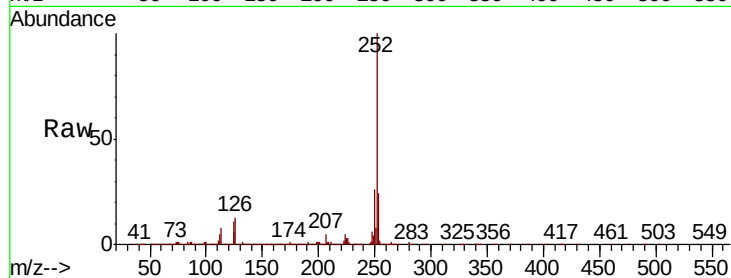
Tot Ion:252 Resp: 6254201

Ion Ratio Lower Upper

252 100

253 23.6 18.6 27.8

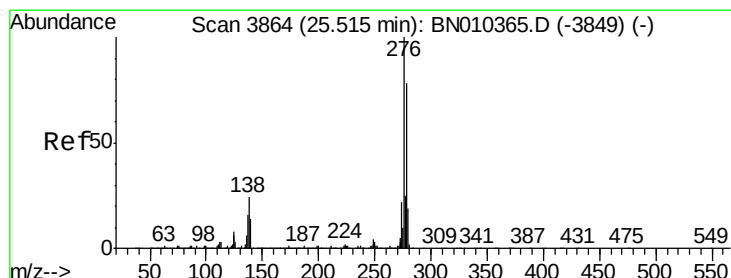
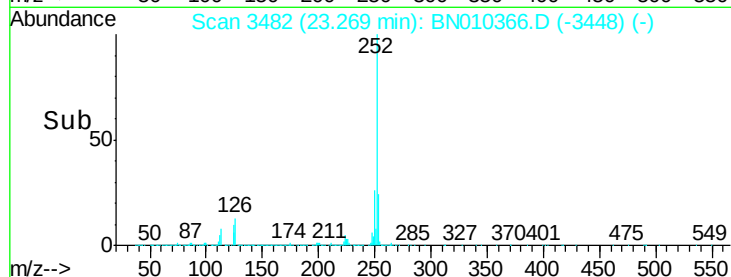
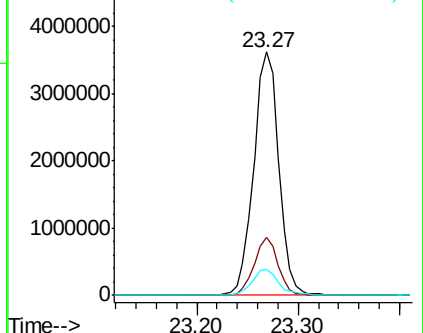
125 10.5 8.9 13.3



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 29.862 ng/ul

RT: 25.52 min Scan# 3865

Delta R.T. 0.01 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

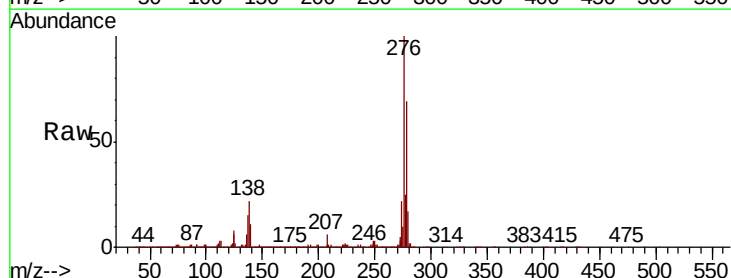
Tgt Ion:276 Resp: 8922271

Ion Ratio Lower Upper

276 100

138 22.0 19.8 29.8

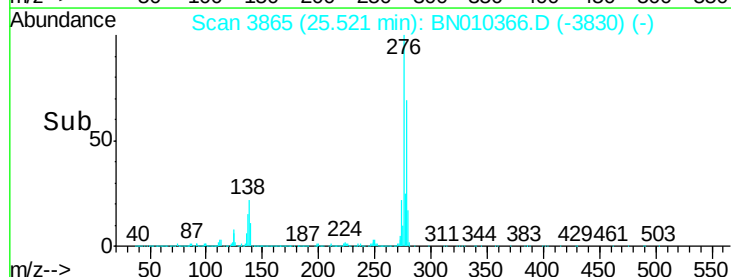
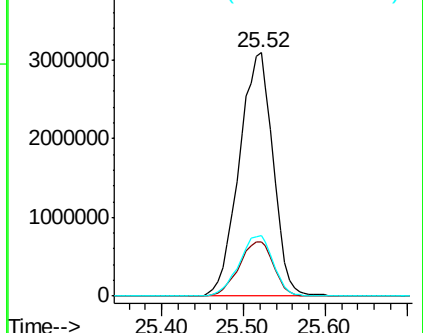
277 24.9 20.6 30.8

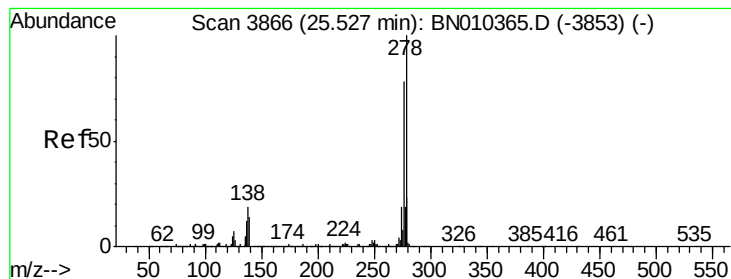


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 22.892 ng/ul

RT: 25.53 min Scan# 3866

Delta R.T. 0.00 min

Lab File: BN010366.D

Acq: 01 Apr 2020 18:49

Instrument :

BNA\_N

ClientSampleId :

DBEW7

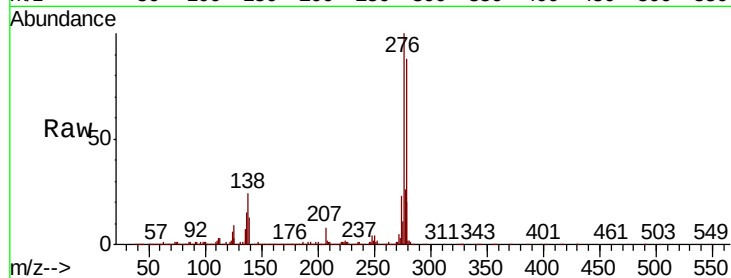
Tot Ion:278 Resp: 5649273

Ion Ratio Lower Upper

278 100

139 15.3 12.0 18.0

279 22.8 18.2 27.2



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

