

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\  
 Data File : BP000129.D  
 Acq On : 09 Sep 2019 13:28  
 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 10 02:40:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP090519MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 06 01:10:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.89  | 152  | 331133   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.18  | 136  | 1284935  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.95  | 164  | 704007   | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 11.45 | 188  | 1325449  | 20.00 | ng/ul | 0.02     |
| 78) Chrysene-d12          | 14.15 | 240  | 1164439  | 20.00 | ng/ul | 0.05     |
| 86) Perylene-d12          | 15.69 | 264  | 1237418  | 20.00 | ng/ul | 0.06     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.60  | 96  | 73275   | 7.85  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.51  | 99  | 615144  | 21.81 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.57  | 67  | 320536  | 21.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.66  | 132 | 504899  | 22.14 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 7.26  | 113 | 469515  | 22.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 7.45  | 128 | 225880  | 23.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 7.77  | 143 | 230007  | 24.21 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 8.02  | 165 | 454059  | 22.52 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 8.23  | 131 | 602024  | 24.15 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 9.63  | 166 | 1118128 | 21.51 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8          | 9.79  | 160 | 1521813 | 23.69 | ng/ul | 0.01 |
| 52) 4-Nitrophenol-d4           | 10.03 | 143 | 210687  | 22.68 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 10.47 | 176 | 979019  | 22.18 | ng/ul | 0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 10.53 | 200 | 126892  | 20.83 | ng/ul | 0.02 |
| 71) Anthracene-d10             | 11.51 | 188 | 1415336 | 22.05 | ng/ul | 0.02 |
| 79) Pyrene-d10                 | 12.90 | 212 | 1506649 | 21.76 | ng/ul | 0.03 |
| 90) Benzo(a)pyrene-d12         | 15.59 | 264 | 1368832 | 21.34 | ng/ul | 0.06 |

## Target Compounds

|                                |      |     |         |        | Ovalue |     |
|--------------------------------|------|-----|---------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 2.68 | 88  | 73786   | 7.783  | ng/uL  | 97  |
| 4) Benzaldehyde                | 6.44 | 77  | 394594  | 27.690 | ng/ul  | 99  |
| 6) Phenol                      | 6.52 | 94  | 628495  | 21.381 | ng/ul  | 99  |
| 8) Bis(2-Chloroethyl)ether     | 6.62 | 93  | 493600  | 21.439 | ng/ul  | 97  |
| 10) 2-Chlorophenol             | 6.68 | 128 | 502640  | 20.875 | ng/ul  | 97  |
| 11) 2-Methylphenol             | 7.13 | 108 | 477317  | 21.713 | ng/ul  | 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 7.17 | 45  | 475504  | 21.549 | ng/ul  | 98  |
| 14) Acetophenone               | 7.30 | 105 | 719104  | 22.620 | ng/ul  | 99  |
| 15) N-Nitroso-di-n-propylamine | 7.30 | 70  | 317233  | 21.245 | ng/ul  | 96  |
| 16) 4-Methylphenol             | 7.29 | 108 | 492715  | 22.543 | ng/ul  | 98  |
| 17) Hexachloroethane           | 7.41 | 117 | 202310  | 21.262 | ng/ul  | 91  |
| 20) Nitrobenzene               | 7.47 | 77  | 495571  | 21.509 | ng/ul  | 97  |
| 21) Isophorone                 | 7.71 | 82  | 947193  | 21.008 | ng/ul  | 99  |
| 23) 2-Nitrophenol              | 7.79 | 139 | 242054  | 22.054 | ng/ul# | 88  |
| 24) 2,4-Dimethylphenol         | 7.82 | 107 | 521033  | 21.245 | ng/ul  | 98  |
| 25) Bis(2-Chloroethoxy)methane | 7.92 | 93  | 620728  | 20.862 | ng/ul  | 99  |
| 27) 2,4-Dichlorophenol         | 8.03 | 162 | 423860  | 20.956 | ng/ul  | 98  |
| 28) Naphthalene                | 8.20 | 128 | 1468652 | 20.983 | ng/ul  | 100 |
| 30) 4-Chloroaniline            | 8.24 | 127 | 593818  | 23.486 | ng/ul  | 99  |
| 31) Hexachlorobutadiene        | 8.33 | 225 | 266782  | 20.990 | ng/ul  | 97  |
| 32) Caprolactam                | 8.59 | 113 | 21686   | 3.126  | ng/ul  | 97  |
| 33) 4-Chloro-3-methylphenol    | 8.72 | 107 | 438667  | 21.387 | ng/ul  | 97  |
| 34) 2-Methylnaphthalene        | 8.89 | 142 | 1012063 | 21.173 | ng/ul  | 97  |

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 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Sep 10 02:40:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP090519MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 06 01:10:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 35) 1-Methylnaphthalene        | 9.00  | 142  | 991651   | 21.739 | ng/ul  | 96       |
| 37) 1,2,4,5-Tetrachlorobenzene | 9.06  | 216  | 484405   | 20.673 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 9.06  | 237  | 251378   | 20.323 | ng/ul  | 99       |
| 39) 2,4,6-Trichlorophenol      | 9.17  | 196  | 297603   | 21.421 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 9.21  | 196  | 310431   | 20.601 | ng/ul  | 95       |
| 41) 1,1'-Biphenyl              | 9.36  | 154  | 1211171  | 20.887 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 9.39  | 162  | 969522   | 21.477 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 9.47  | 65   | 233323   | 23.037 | ng/ul  | 90       |
| 45) Dimethylphthalate          | 9.66  | 163  | 1099765  | 20.965 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 9.72  | 165  | 228250   | 23.162 | ng/ul  | 94       |
| 48) Acenaphthylene             | 9.80  | 152  | 1404556  | 20.911 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 9.89  | 138  | 263902   | 24.626 | ng/ul  | 99       |
| 50) Acenaphthene               | 9.98  | 153  | 1006398  | 21.640 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 9.99  | 184  | 79731    | 19.076 | ng/ul# | 1        |
| 53) 4-Nitrophenol              | 10.04 | 109  | 150180   | 21.723 | ng/ul  | 97       |
| 54) Dibenzofuran               | 10.15 | 168  | 1318176  | 20.659 | ng/ul  | 100      |
| 55) 2,4-Dinitrotoluene         | 10.12 | 165  | 315653   | 23.104 | ng/ul  | 92       |
| 56) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 251053   | 21.868 | ng/ul  | 93       |
| 57) Diethylphthalate           | 10.37 | 149  | 1102891  | 21.450 | ng/ul  | 98       |
| 59) Fluorene                   | 10.50 | 166  | 1065143  | 21.580 | ng/ul  | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204  | 519256   | 20.849 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 257680   | 24.979 | ng/ul  | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.54 | 198  | 133075   | 20.060 | ng/ul  | 95       |
| 65) N-Nitrosodiphenylamine     | 10.60 | 169  | 922104   | 20.717 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.99 | 248  | 330033   | 21.326 | ng/ul  | 90       |
| 67) Hexachlorobenzene          | 11.06 | 284  | 341002   | 20.828 | ng/ul# | 83       |
| 68) Atrazine                   | 11.15 | 200  | 406139   | 25.829 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 11.25 | 266  | 191128   | 20.829 | ng/ul  | 97       |
| 70) Phenanthrene               | 11.47 | 178  | 1645850  | 20.997 | ng/ul  | 100      |
| 72) Anthracene                 | 11.53 | 178  | 1646687  | 21.350 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 9.35  | 216  | 466141   | 19.844 | ng/uL  | 97       |
| 74) Pentachlorobenzene         | 10.12 | 250  | 442200   | 20.783 | ng/uL  | 98       |
| 75) Carbazole                  | 11.68 | 167  | 1517597  | 23.013 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 12.03 | 149  | 1856056  | 23.239 | ng/ul  | 99       |
| 77) Fluoranthene               | 12.69 | 202  | 1871707  | 23.675 | ng/ul  | 99       |
| 80) Pvrene                     | 12.92 | 202  | 1881460  | 21.416 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 13.56 | 149  | 826098   | 23.964 | ng/ul  | 98       |
| 82) 3,3'-Dichlorobenzidine     | 14.10 | 252  | 658192   | 23.134 | ng/ul  | 99       |
| 83) Benzo(a)anthracene         | 14.13 | 228  | 1778326  | 21.098 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.15 | 149  | 1163745  | 24.310 | ng/ul  | 98       |
| 85) Chrysene                   | 14.17 | 228  | 1625986  | 21.022 | ng/ul  | 100      |
| 87) Di-n-octyl phthalate       | 14.79 | 149  | 1956251  | 24.622 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 15.23 | 252  | 1689434  | 20.600 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 15.26 | 252  | 1669154  | 21.591 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 15.62 | 252  | 1604576  | 20.853 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 17.25 | 276  | 1842417  | 20.813 | ng/ul  | 98       |
| 93) Dibenzo(a,h)anthracene     | 17.27 | 278  | 1516520  | 20.683 | ng/ul  | 99       |
| 94) Benzo(a,h,i)perylene       | 17.72 | 276  | 1519599  | 20.588 | ng/ul  | 98       |
| -----                          |       |      |          |        |        |          |

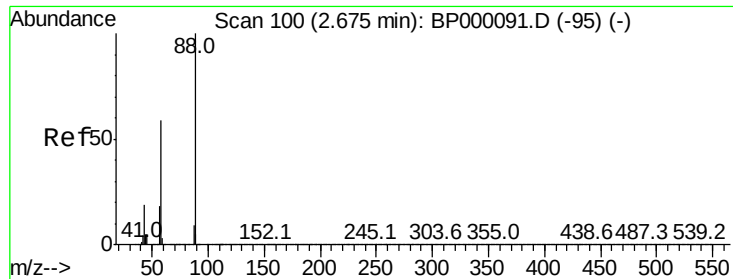
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\  
Data File : BP000129.D  
Acq On : 09 Sep 2019 13:28  
Operator : HP/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :

Quant Time: Sep 10 02:40:07 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP090519MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Sep 06 01:10:53 2019  
Response via : Initial Calibration

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





#2

1,4-Dioxane

Concen: 7.783 ng/uL

RT: 2.68 min Scan# 100

Delta R.T. -0.00 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

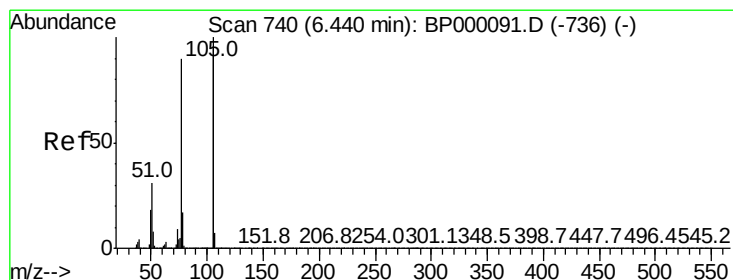
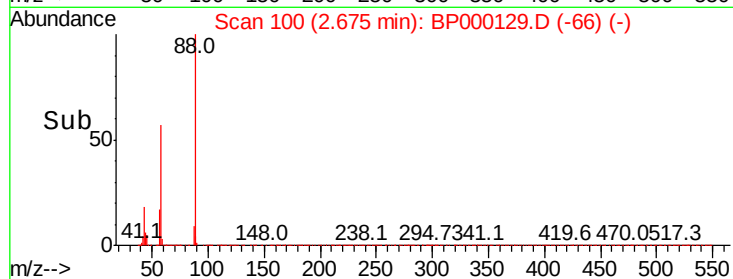
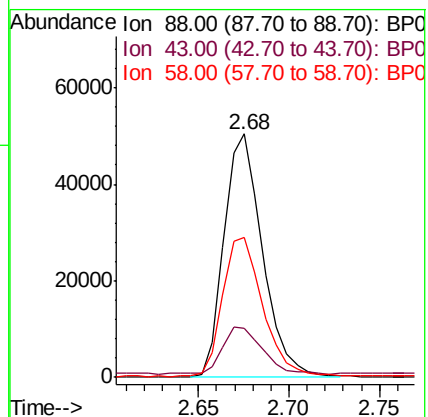
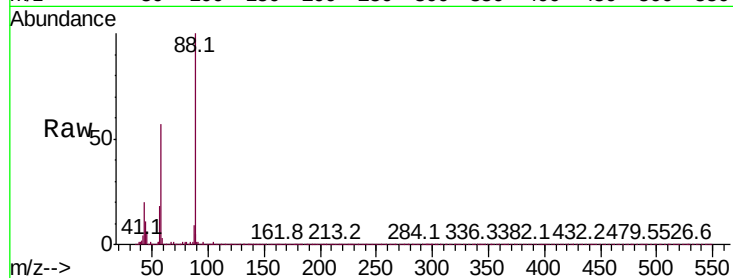
Tot Ion: 88 Resp: 73786

Ion Ratio Lower Upper

88 100

43 20.0 16.2 24.4

58 57.3 47.9 71.9



#4

Benzaldehyde

Concen: 27.690 ng/uL

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

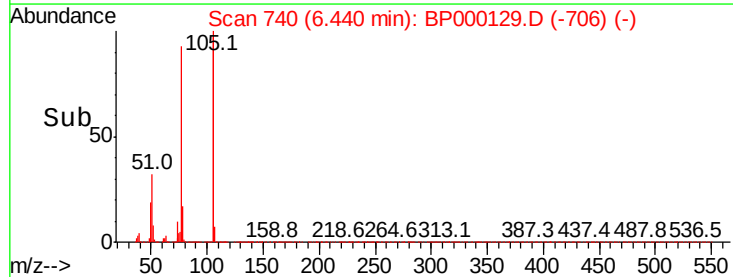
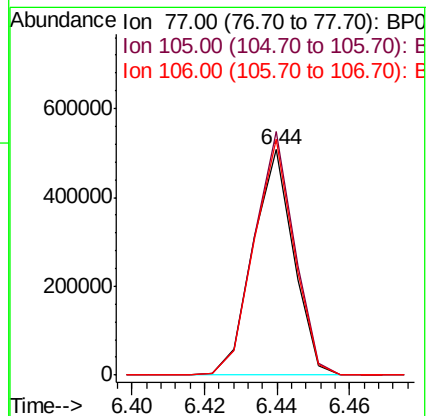
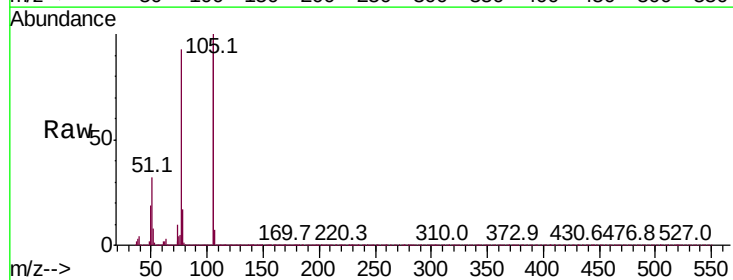
Tgt Ion: 77 Resp: 394594

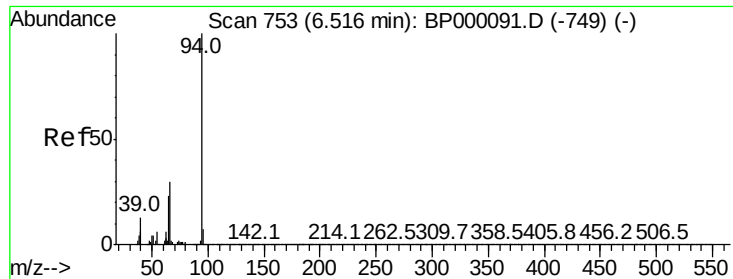
Ion Ratio Lower Upper

77 100

105 107.9 87.5 131.3

106 104.4 84.7 127.1





#6

Phenol

Concen: 21.381 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

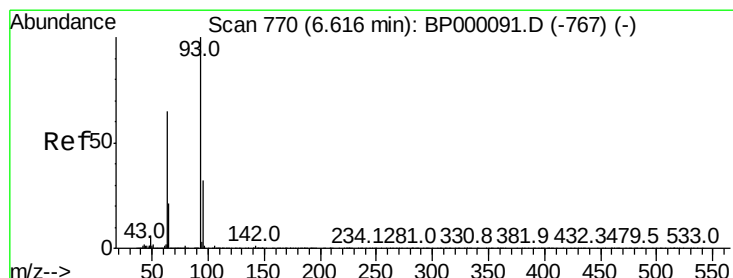
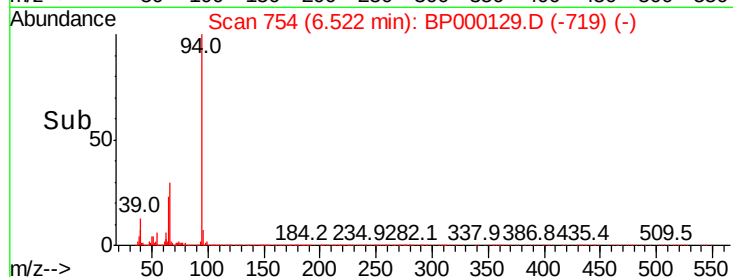
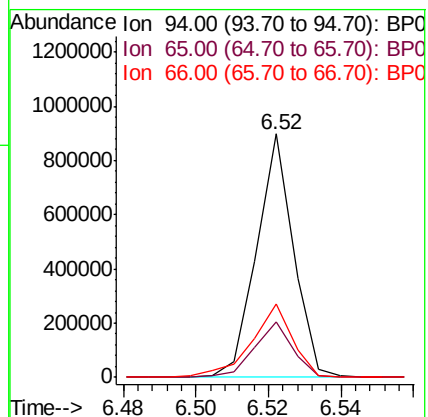
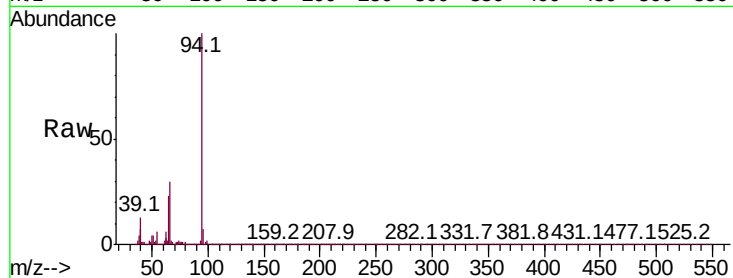
Tot Ion: 94 Resp: 628495

Ion Ratio Lower Upper

94 100

65 22.7 18.8 28.2

66 30.1 24.2 36.2



#8

Bis(2-Chloroethyl)ether

Concen: 21.439 ng/ul

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

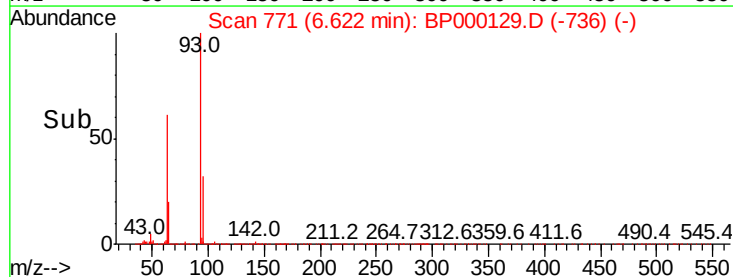
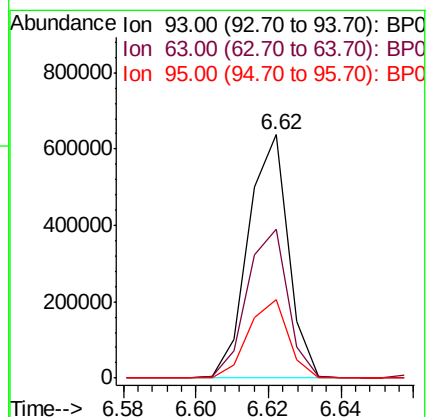
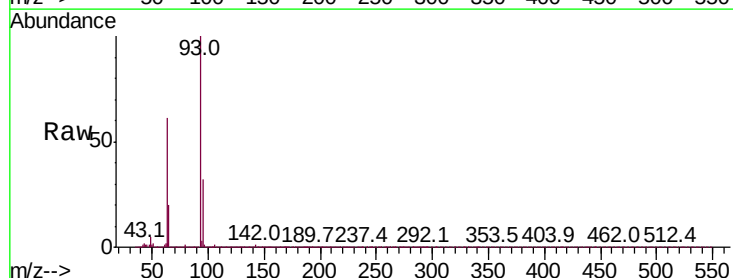
Tgt Ion: 93 Resp: 493600

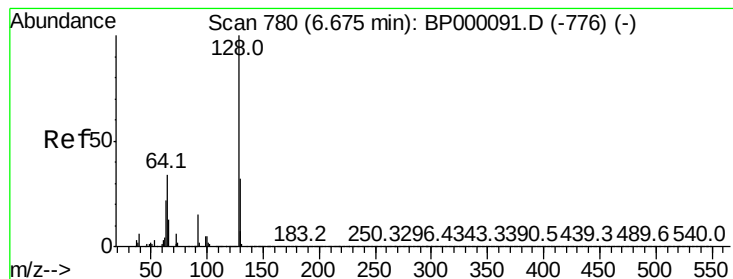
Ion Ratio Lower Upper

93 100

63 61.3 51.9 77.9

95 32.4 25.7 38.5





#10

2-Chlorophenol

Concen: 20.875 ng/ul

RT: 6.68 min Scan# 780

Delta R.T. -0.00 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

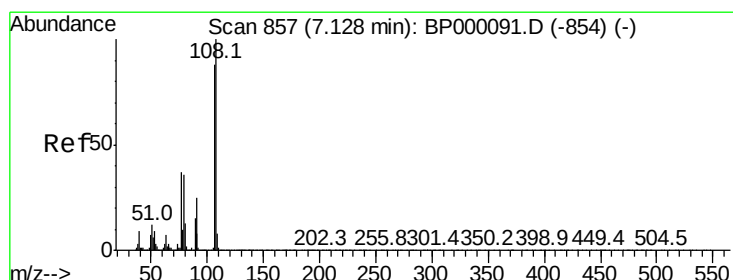
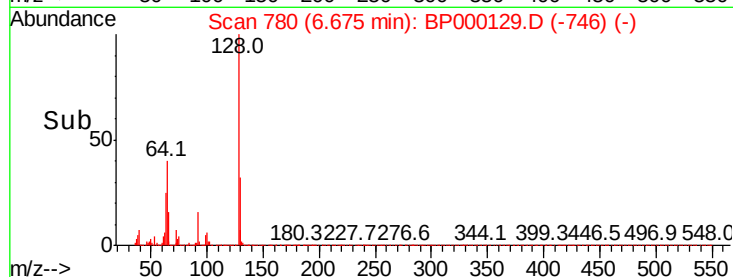
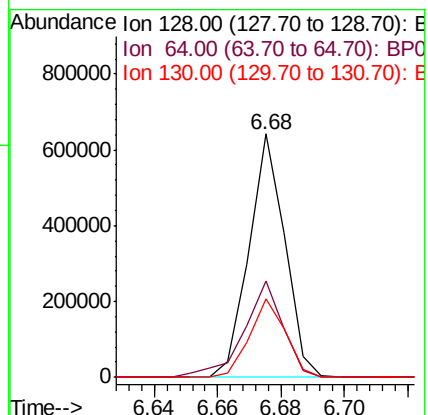
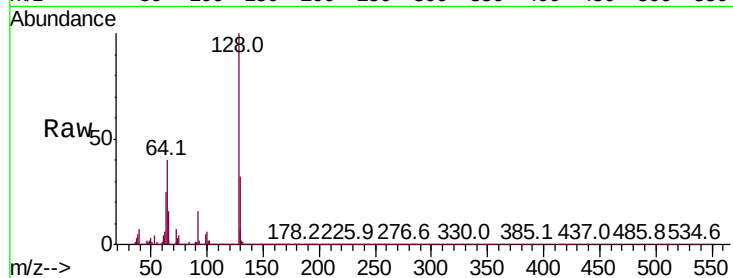
Tot Ion:128 Resp: 502640

Ion Ratio Lower Upper

128 100

64 39.8 29.6 44.4

130 32.4 26.2 39.4



#11

2-Methylphenol

Concen: 21.713 ng/ul

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BP000129.D

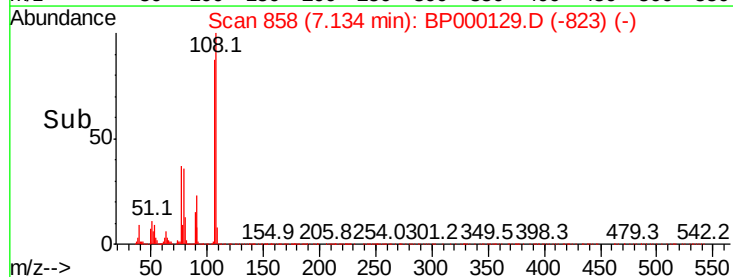
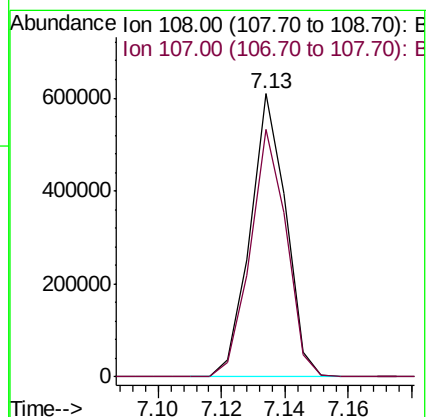
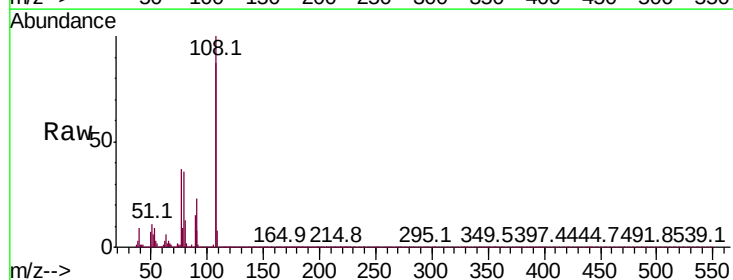
Acq: 09 Sep 2019 13:28

Tgt Ion:108 Resp: 477317

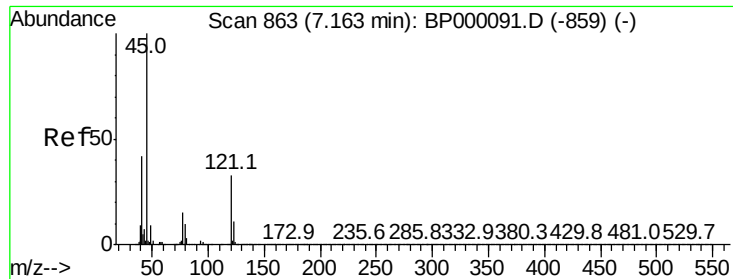
Ion Ratio Lower Upper

108 100

107 87.4 71.0 106.4



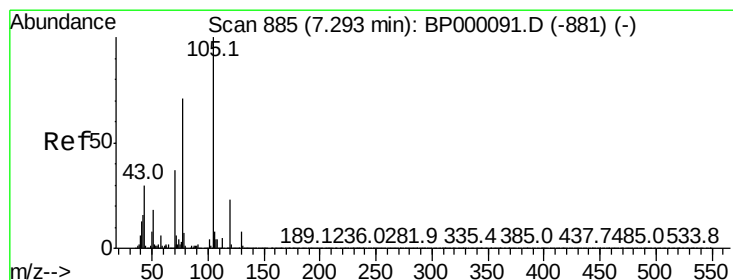
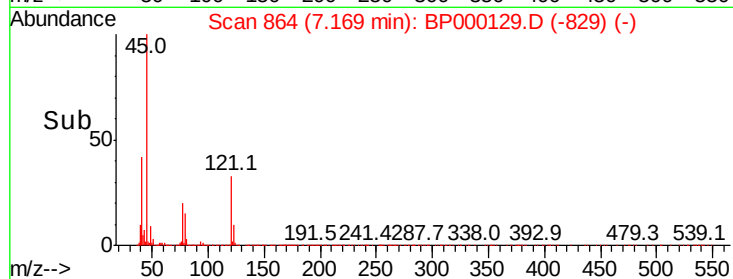
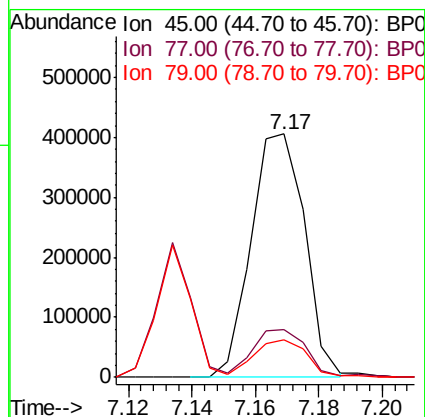
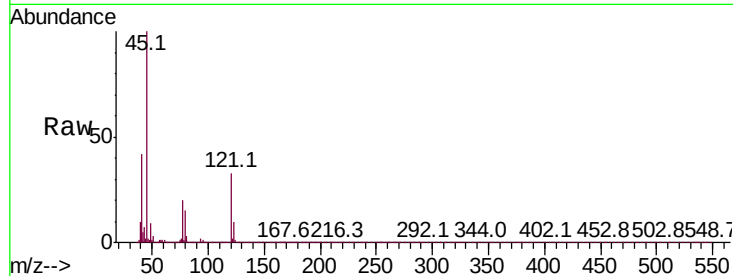




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 21.549 ng/ul  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

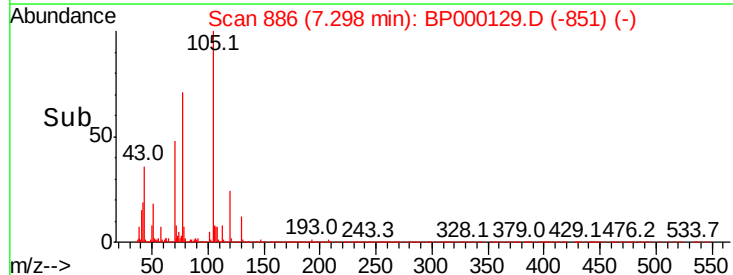
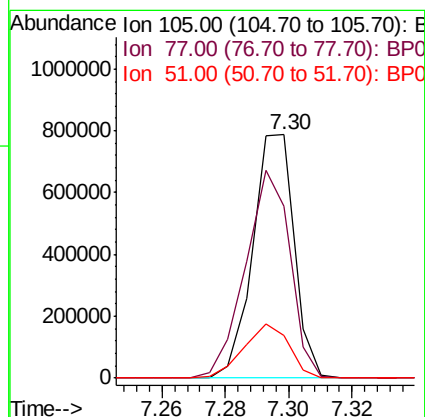
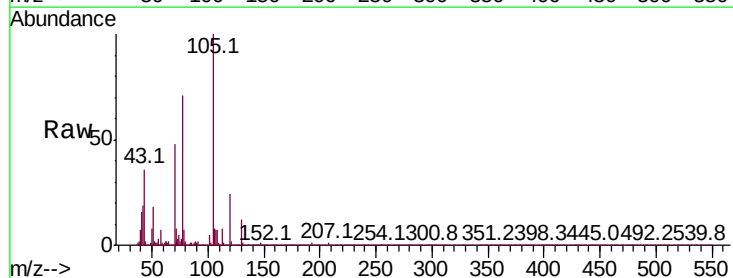
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion: 45 Resp: 475504  
Ion Ratio Lower Upper  
45 100  
77 19.7 15.4 23.2  
79 15.4 11.5 17.3

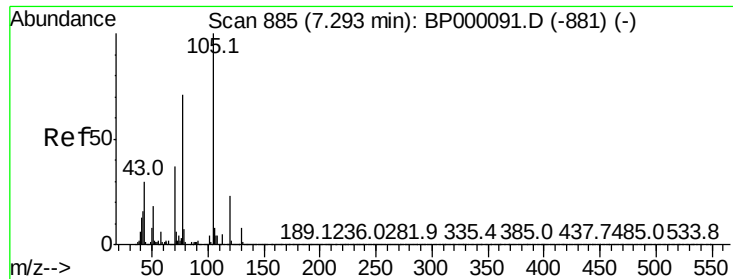


#14  
Acetophenone  
Concen: 22.620 ng/ul  
RT: 7.30 min Scan# 886  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion: 105 Resp: 719104  
Ion Ratio Lower Upper  
105 100  
77 70.5 57.2 85.8  
51 17.7 14.7 22.1







#15

N-Nitroso-di-n-propylamine

Concen: 21.245 ng/ul

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 70 Resp: 317233

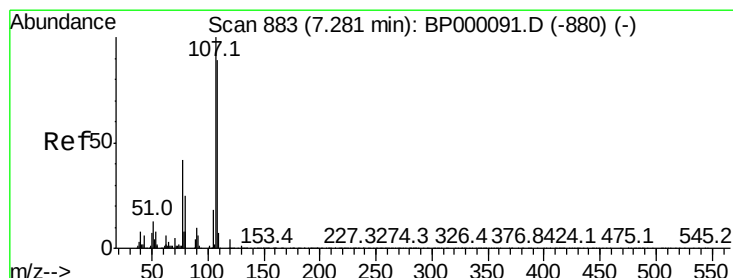
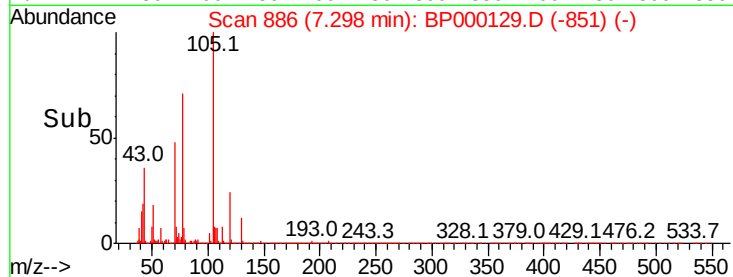
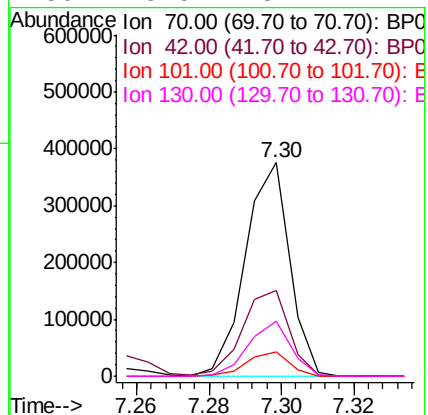
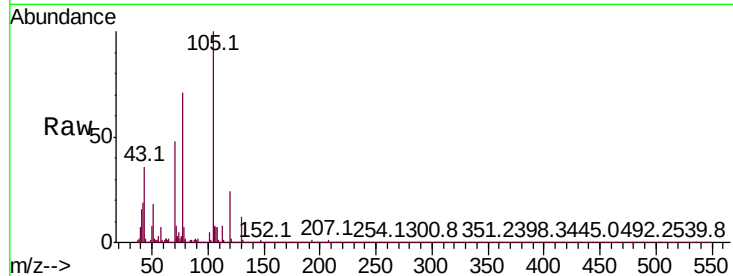
Ion Ratio Lower Upper

70 100

42 40.4 33.7 50.5

101 11.2 8.4 12.6

130 25.5 18.1 27.1



#16

4-Methylphenol

Concen: 22.543 ng/ul

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BP000129.D

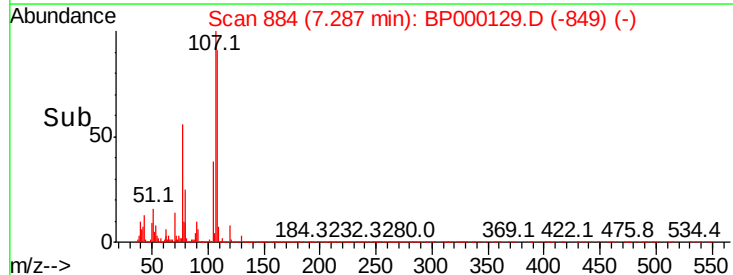
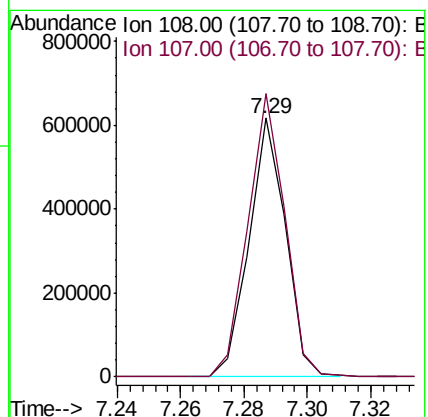
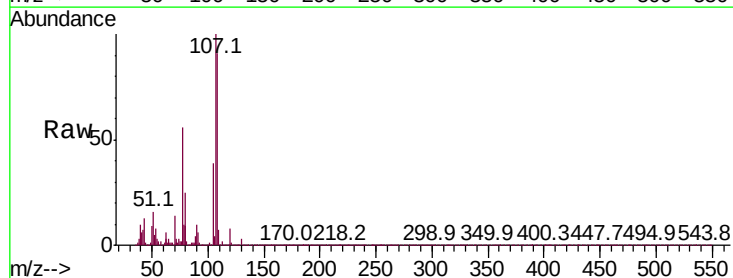
Acq: 09 Sep 2019 13:28

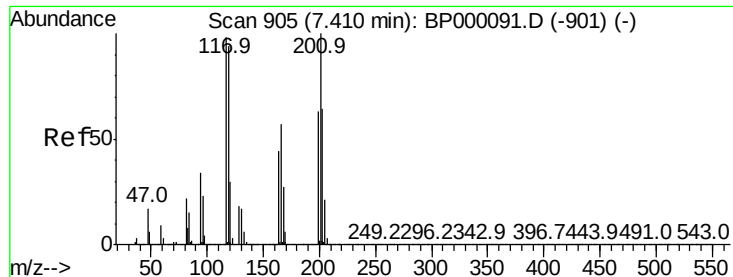
Tgt Ion:108 Resp: 492715

Ion Ratio Lower Upper

108 100

107 109.5 89.3 133.9





#17

Hexachloroethane

Concen: 21.262 ng/ul

RT: 7.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

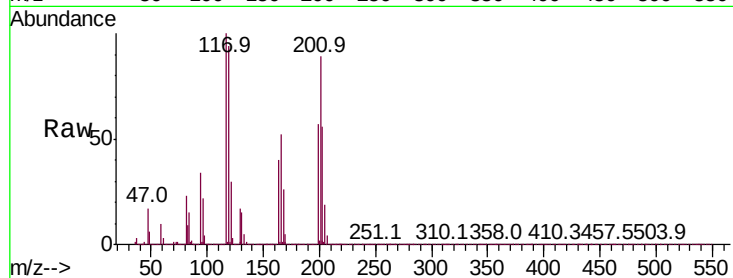
Tot Ion:117 Resp: 202310

Ion Ratio Lower Upper

117 100

201 88.9 79.4 119.2

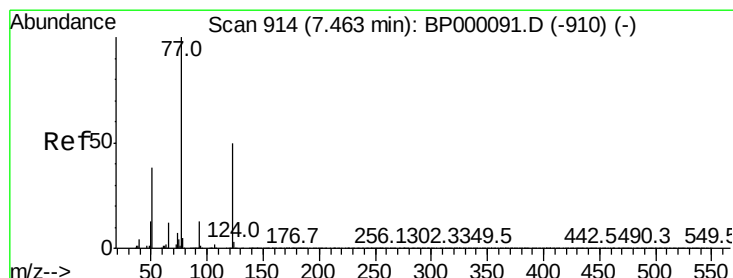
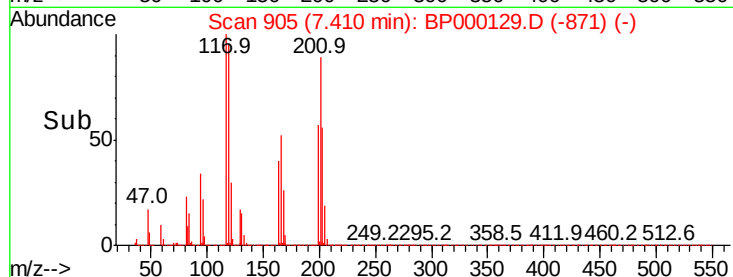
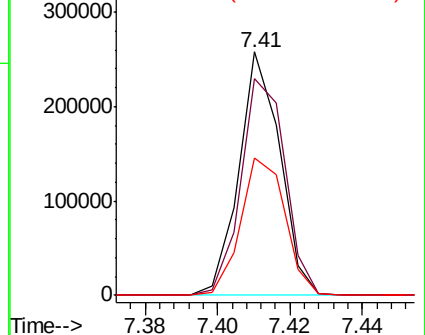
199 56.6 49.5 74.3



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: 21.509 ng/ul

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

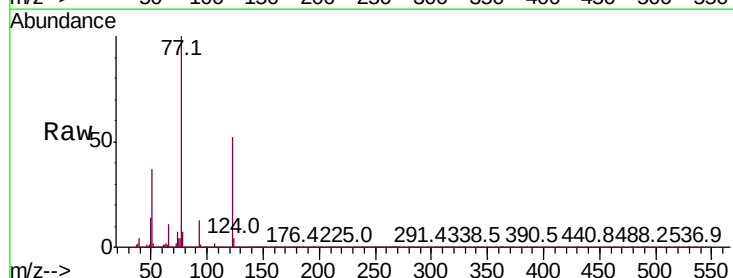
Tgt Ion: 77 Resp: 495571

Ion Ratio Lower Upper

77 100

123 52.4 40.0 60.0

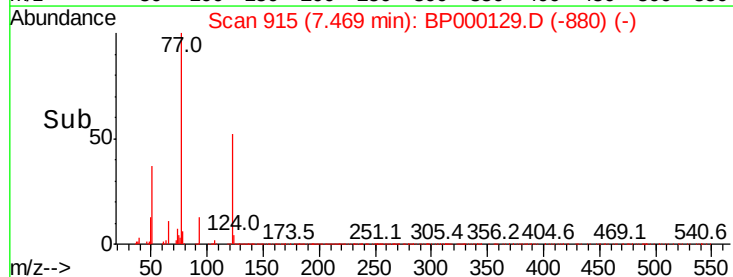
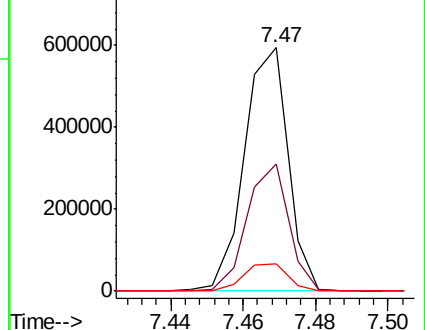
65 11.5 9.5 14.3

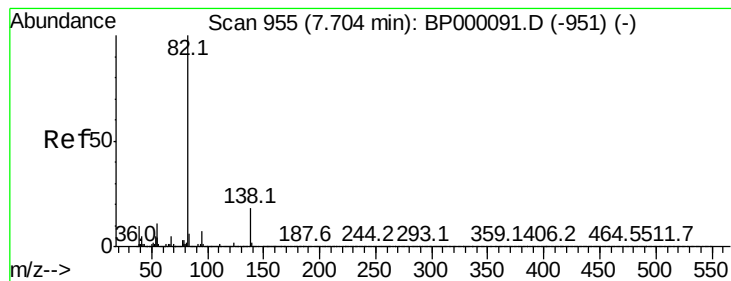


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BP0





#21

Isophorone

Concen: 21.008 ng/ul

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

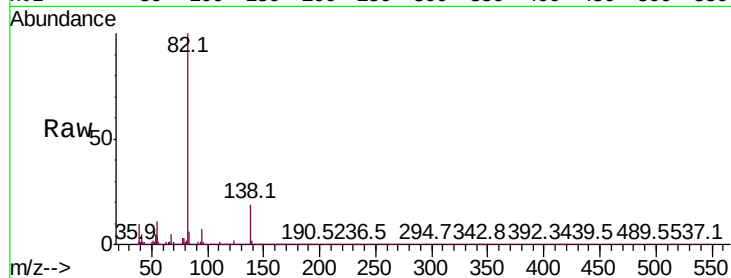
Tot Ion: 82 Resp: 947193

Ion Ratio Lower Upper

82 100

95 7.2 5.5 8.3

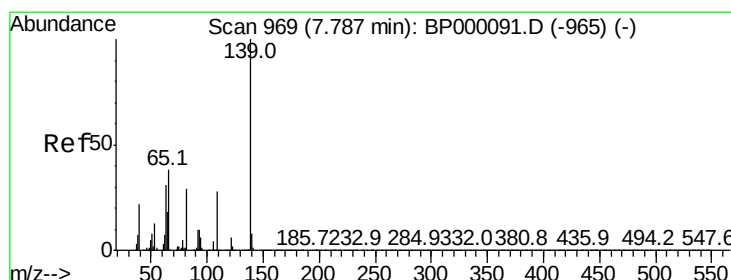
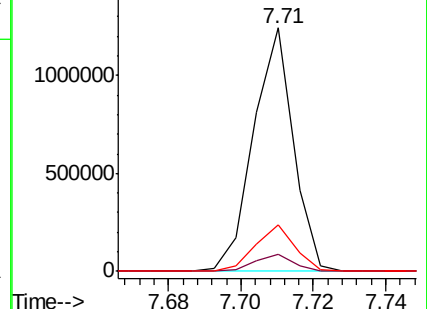
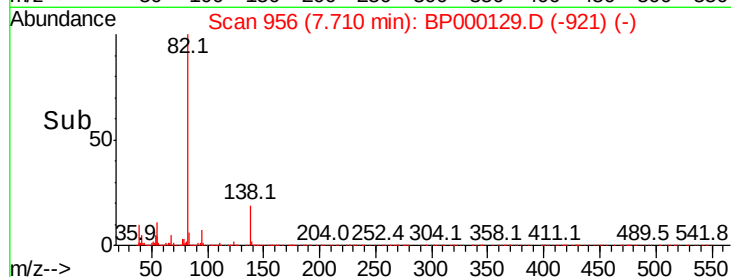
138 18.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): E



#23

2-Nitrophenol

Concen: 22.054 ng/ul

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

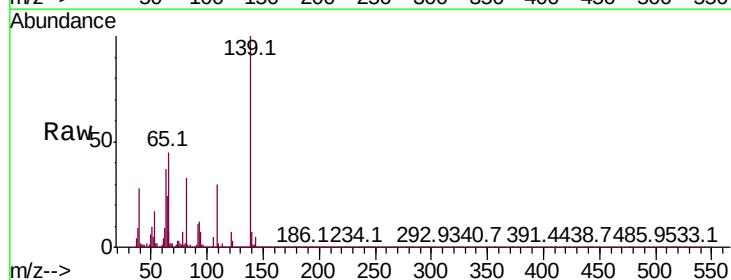
Tgt Ion: 139 Resp: 242054

Ion Ratio Lower Upper

139 100

65 45.0 29.0 43.4#

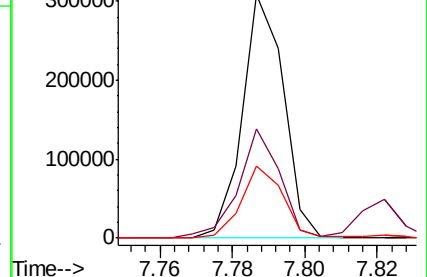
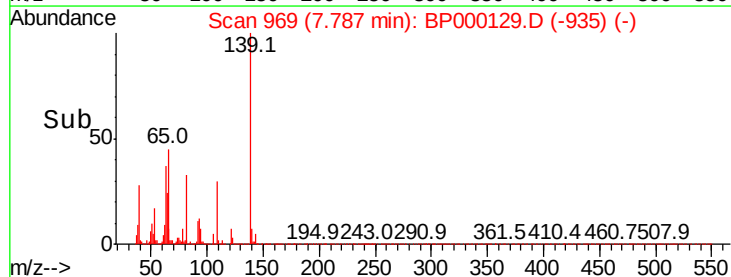
109 29.7 20.9 31.3

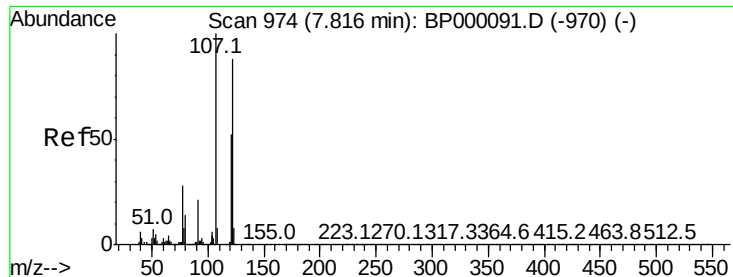


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 109.00 (108.70 to 109.70): E





#24

2,4-Dimethylphenol

Concen: 21.245 ng/ul

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

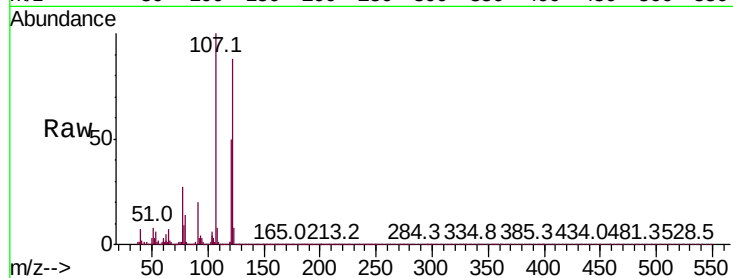
Tot Ion:107 Resp: 521033

Ion Ratio Lower Upper

107 100

121 50.0 41.9 62.9

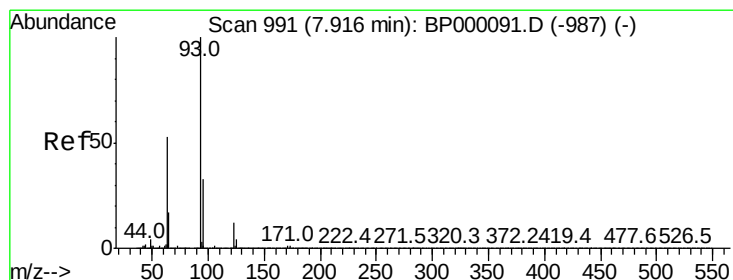
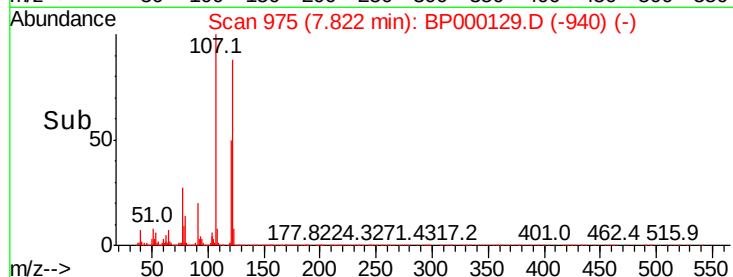
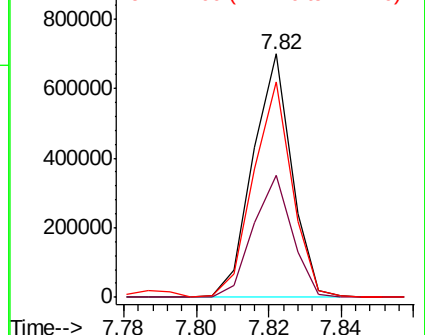
122 88.3 71.8 107.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.862 ng/ul

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

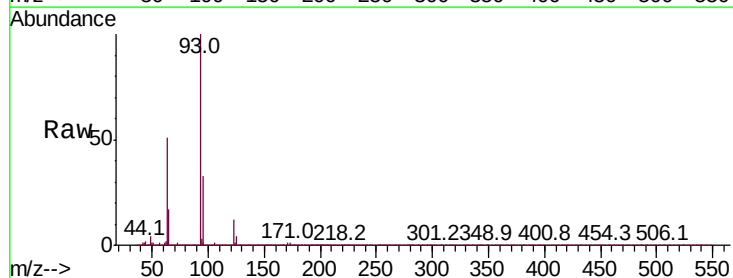
Tgt Ion: 93 Resp: 620728

Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

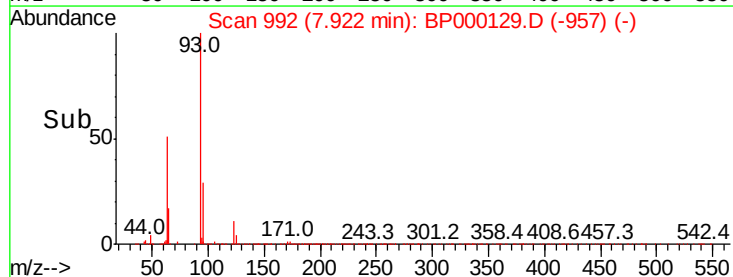
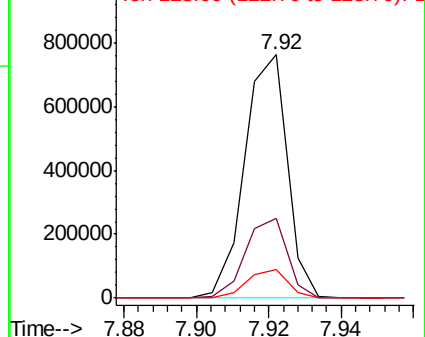
123 11.8 9.3 13.9

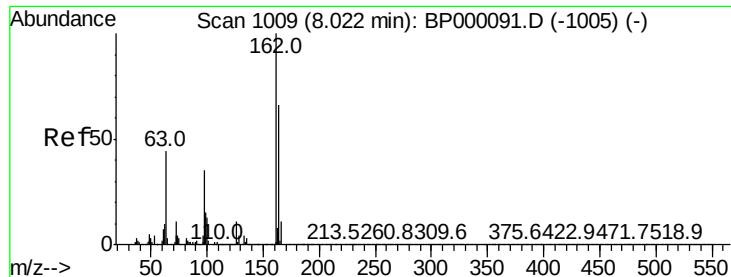


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.956 ng/ul

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

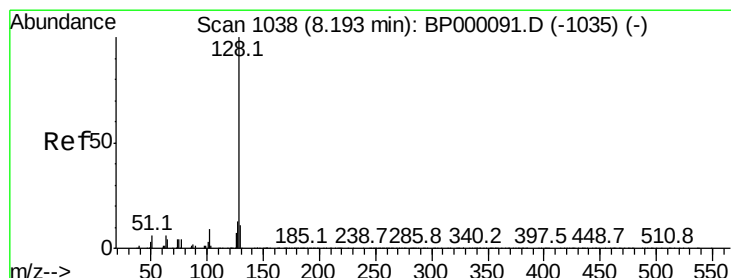
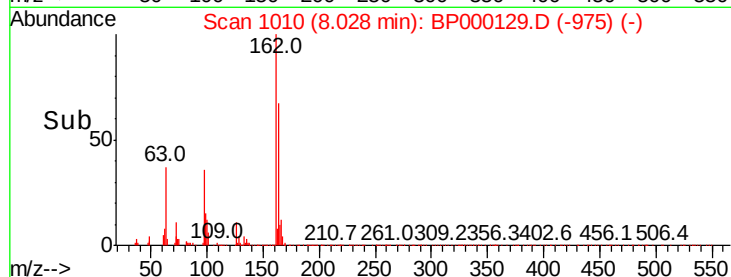
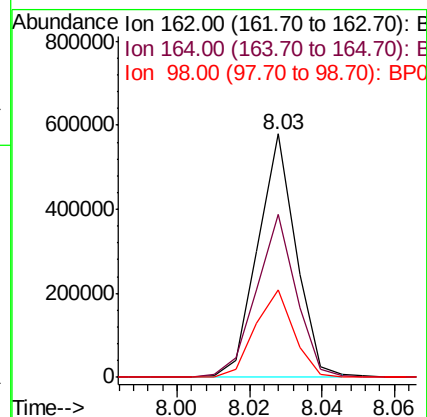
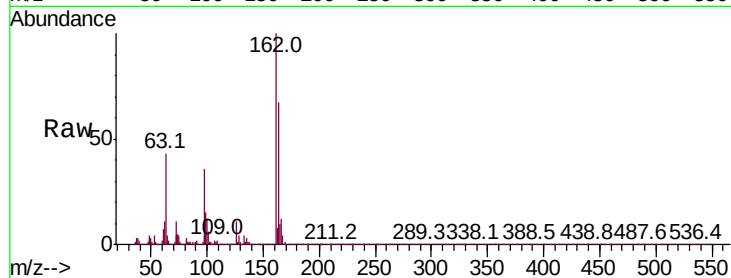
Tot Ion:162 Resp: 423860

Ion Ratio Lower Upper

162 100

164 66.8 52.4 78.6

98 35.9 27.2 40.8



#28

Naphthalene

Concen: 20.983 ng/ul

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

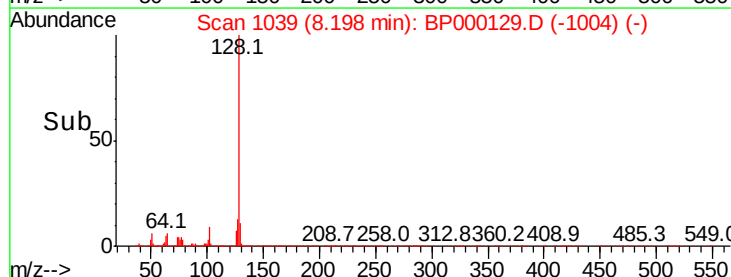
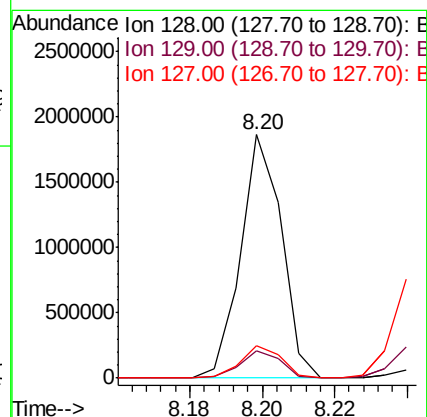
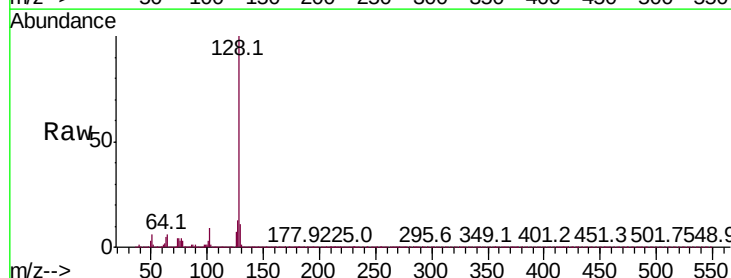
Tgt Ion:128 Resp: 1468652

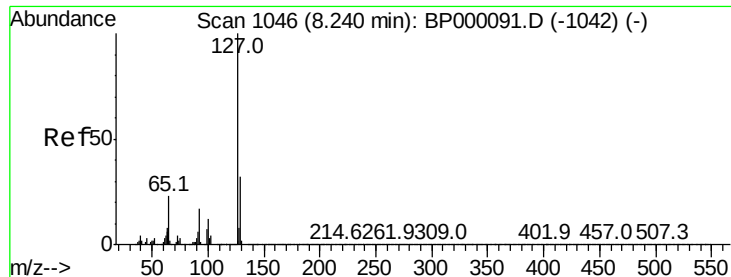
Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.4 10.7 16.1

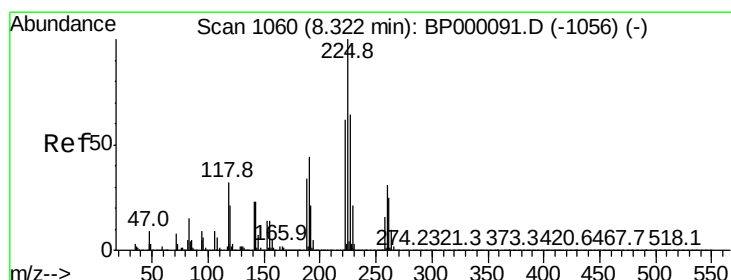
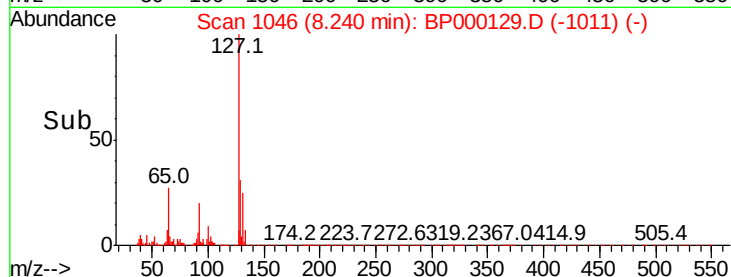
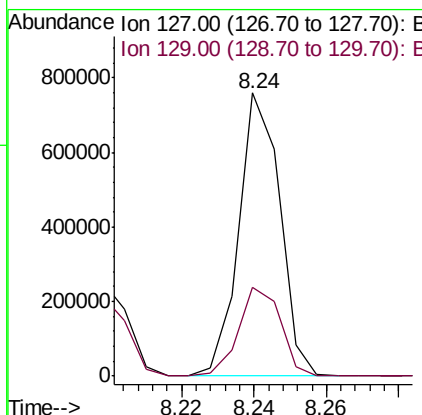
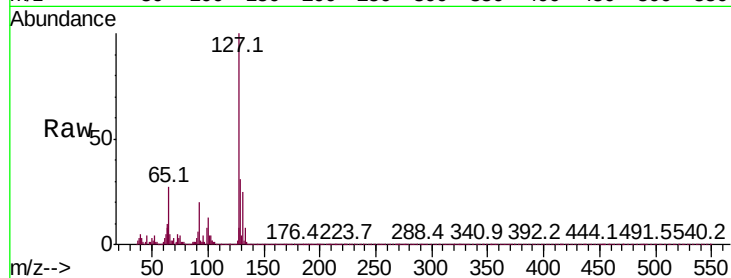




#30  
4-Chloroaniline  
Concen: 23.486 ng/ul  
RT: 8.24 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

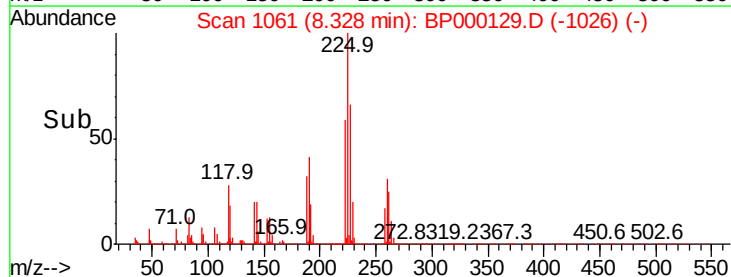
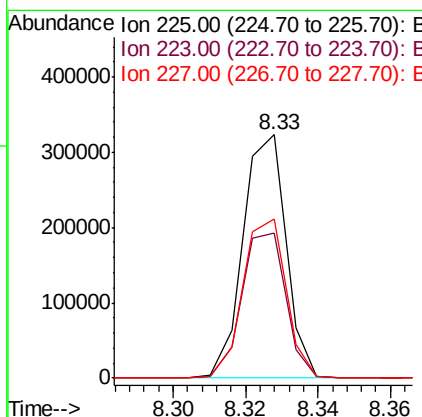
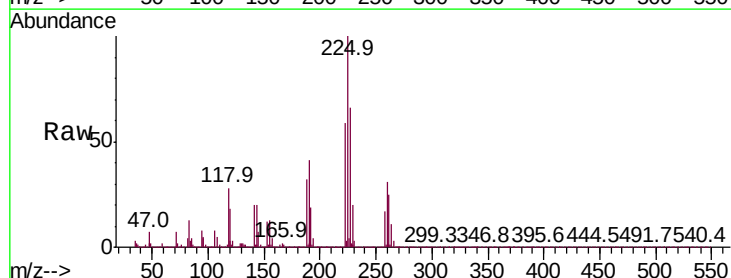
Instrument :  
BNA\_P  
ClientSampleId :

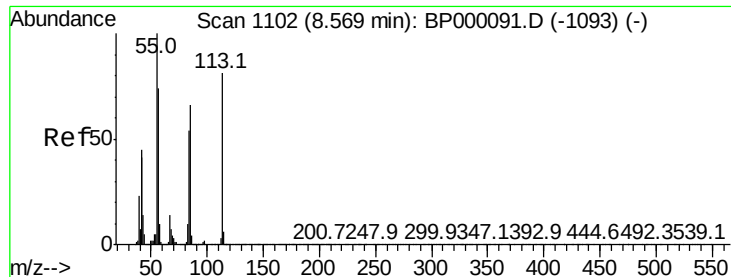
Tot Ion:127 Resp: 593818  
Ion Ratio Lower Upper  
127 100  
129 31.5 25.6 38.4



#31  
Hexachlorobutadiene  
Concen: 20.990 ng/ul  
RT: 8.33 min Scan# 1061  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:225 Resp: 266782  
Ion Ratio Lower Upper  
225 100  
223 59.5 50.1 75.1  
227 65.6 51.0 76.6

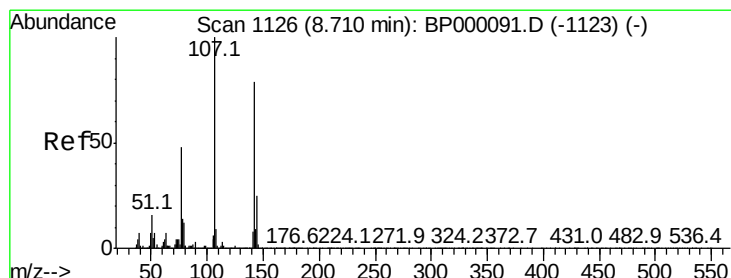
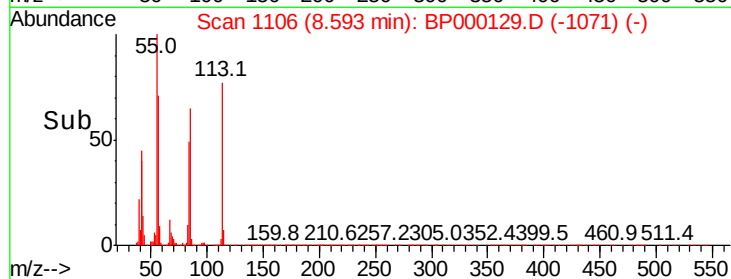
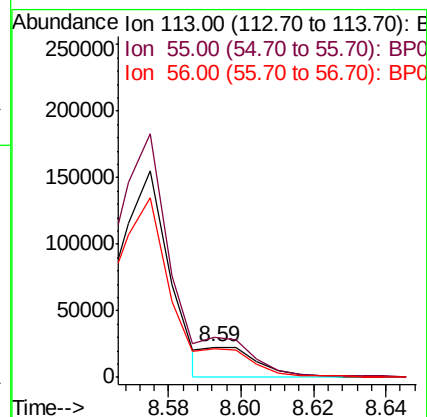
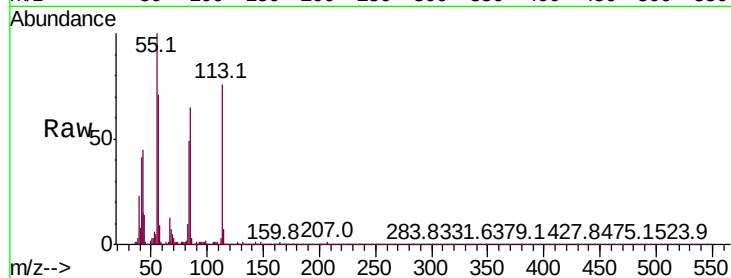




#32  
Caprolactam  
Concen: 3.126 ng/ul  
RT: 8.59 min Scan# 1106  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

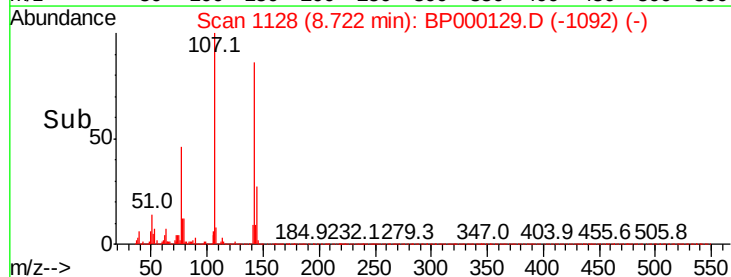
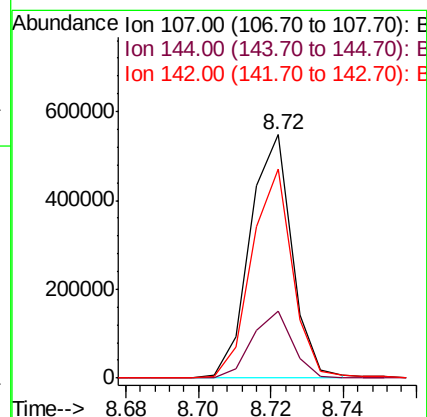
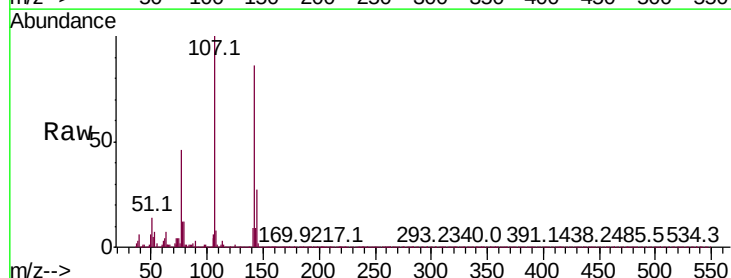
Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:113 Resp: 21686  
Ion Ratio Lower Upper  
113 100  
55 131.3 100.6 150.8  
56 93.7 76.1 114.1

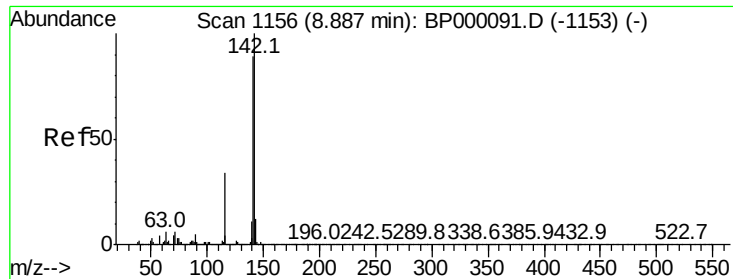


#33  
4-Chloro-3-methylphenol  
Concen: 21.387 ng/ul  
RT: 8.72 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:107 Resp: 438667  
Ion Ratio Lower Upper  
107 100  
144 27.3 21.5 32.3  
142 85.6 65.8 98.8







#34

2-Methylnaphthalene

Concen: 21.173 ng/ul

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

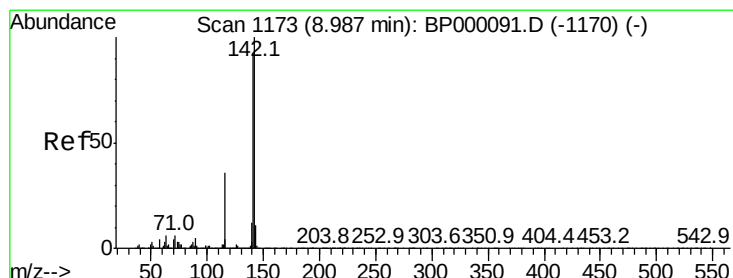
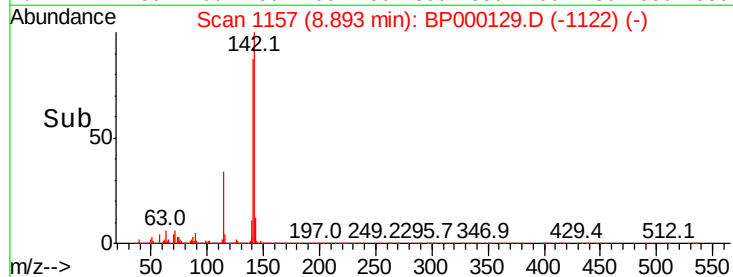
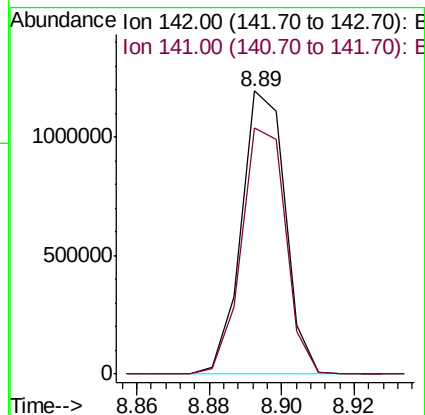
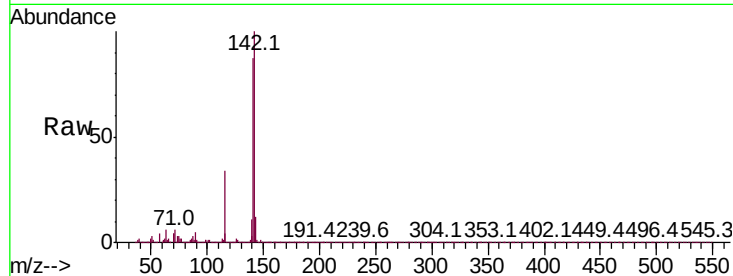
ClientSampleId :

Tot Ion:142 Resp: 1012063

Ion Ratio Lower Upper

142 100

141 86.8 71.4 107.0



#35

1-Methylnaphthalene

Concen: 21.739 ng/ul

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

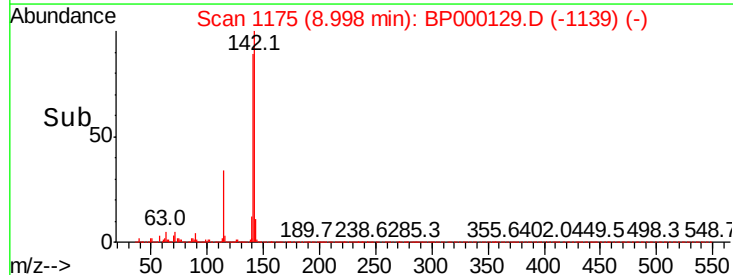
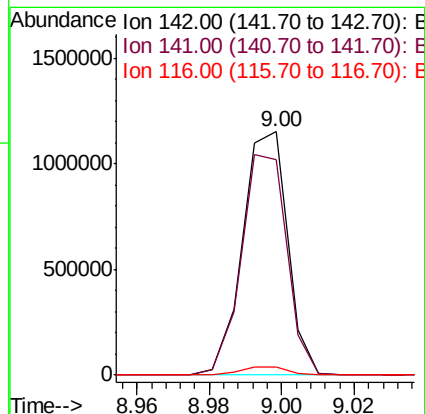
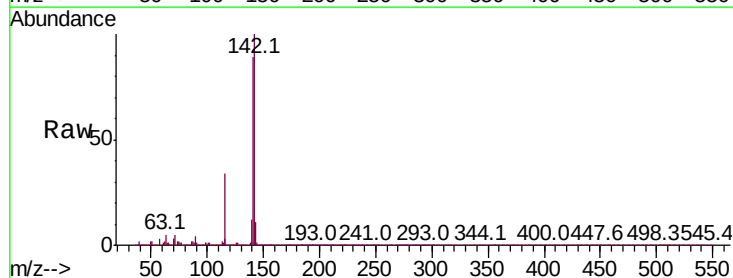
Tgt Ion:142 Resp: 991651

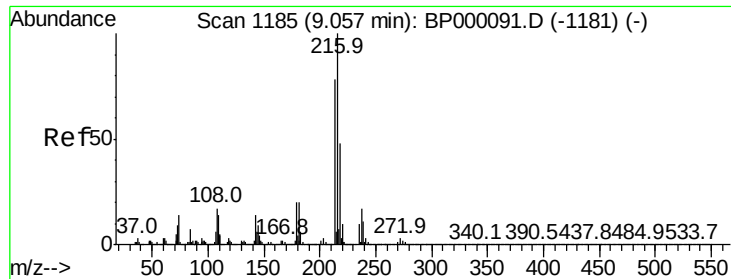
Ion Ratio Lower Upper

142 100

141 88.8 73.9 110.9

116 3.4 3.0 4.6





#37

1,2,4,5-Tetrachlorobenzene

Concen: 20.673 ng/ul

RT: 9.06 min Scan# 1186

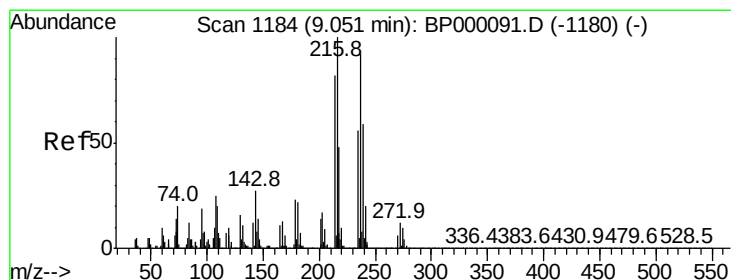
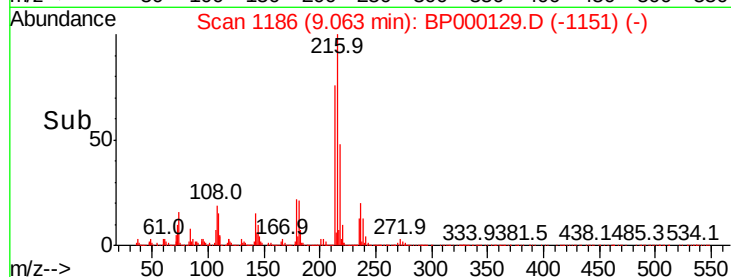
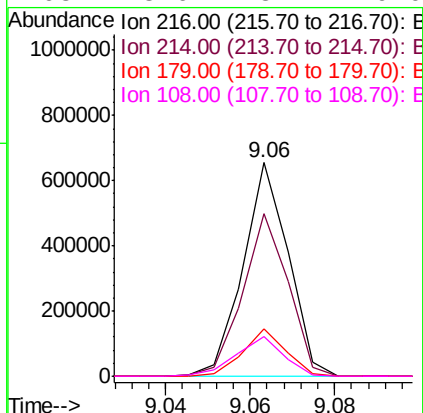
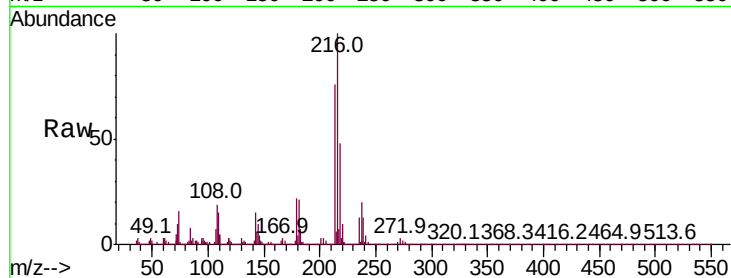
Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :  
BNA\_P  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 484405 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 75.9  | 61.2  | 91.8   |
| 179      | 21.9  | 15.9  | 23.9   |
| 108      | 18.6  | 13.4  | 20.0   |



#38

Hexachlorocyclopentadiene

Concen: 20.323 ng/ul

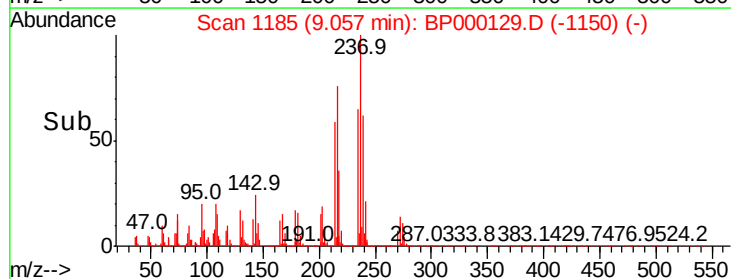
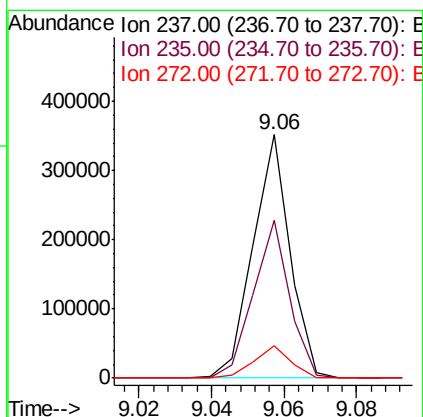
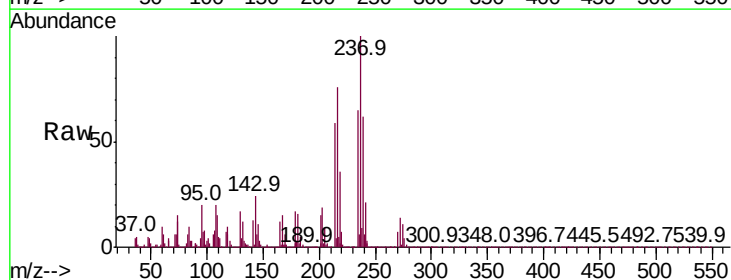
RT: 9.06 min Scan# 1185

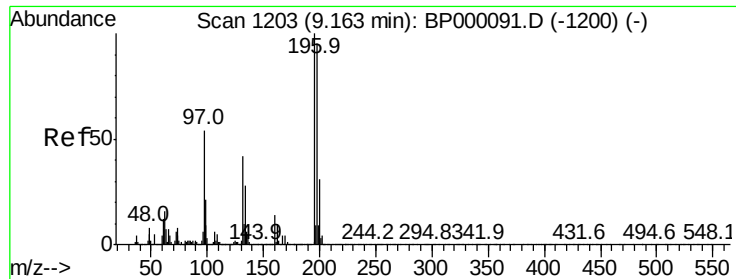
Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 251378 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.7  | 50.8  | 76.2   |
| 272      | 13.5  | 10.4  | 15.6   |

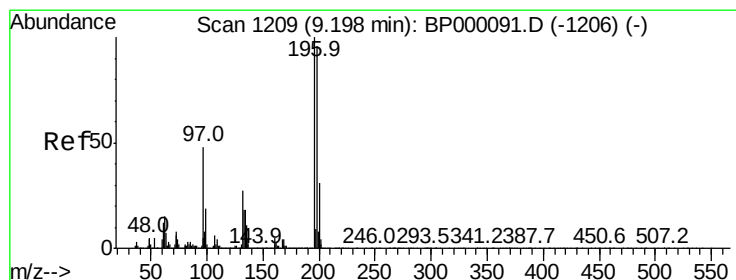
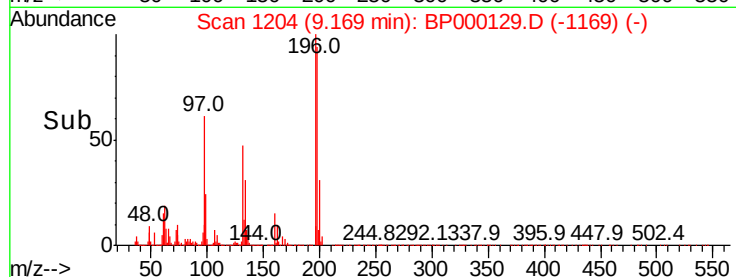
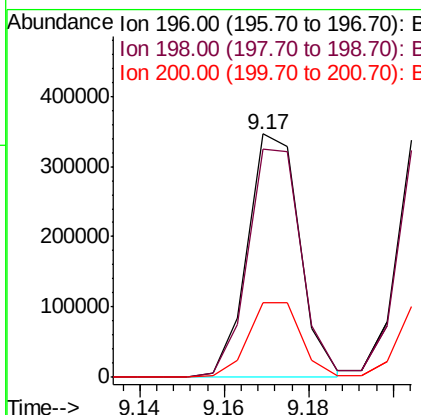
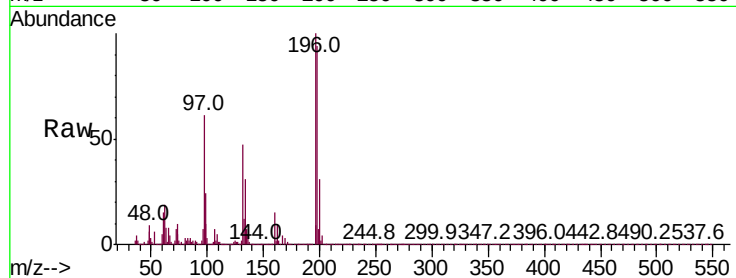




#39  
 2,4,6-Trichlorophenol  
 Concen: 21.421 ng/ul  
 RT: 9.17 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: BP000129.D  
 Acq: 09 Sep 2019 13:28

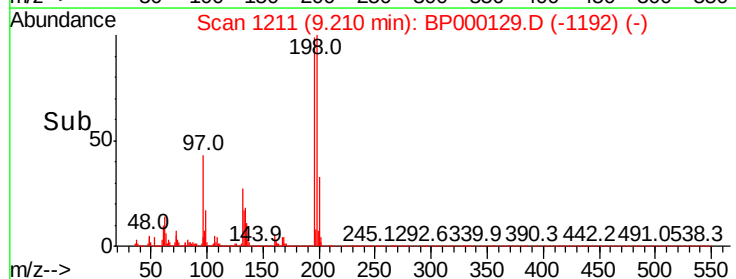
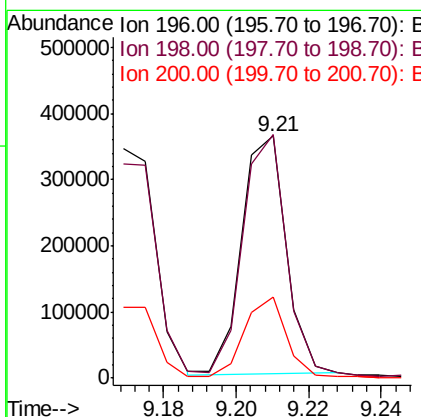
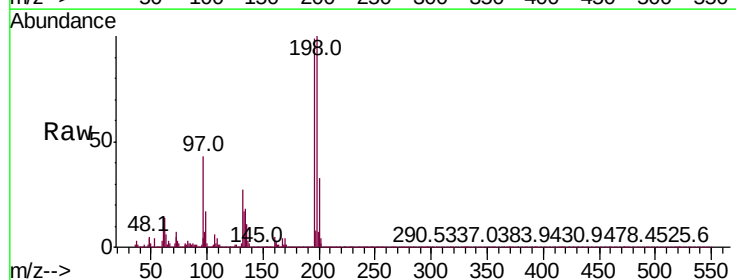
Instrument :  
 BNA\_P  
 ClientSampled :

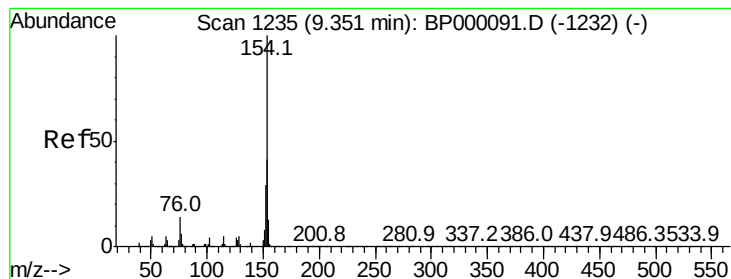
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.7  | 76.8  | 115.2 |
| 200     | 30.7  | 24.6  | 37.0  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 20.601 ng/ul  
 RT: 9.21 min Scan# 1211  
 Delta R.T. 0.01 min  
 Lab File: BP000129.D  
 Acq: 09 Sep 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.7 | 76.0  | 114.0 |
| 200     | 33.3  | 24.8  | 37.2  |





#41

1,1'-Biphenyl

Concen: 20.887 ng/ul

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

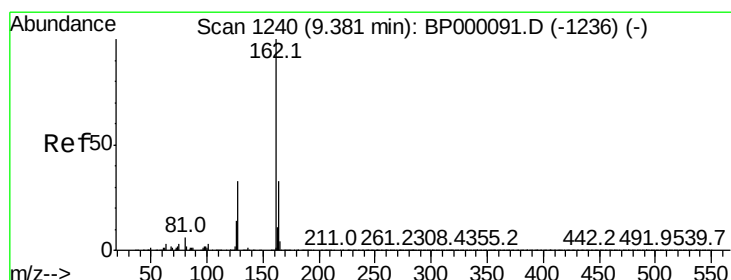
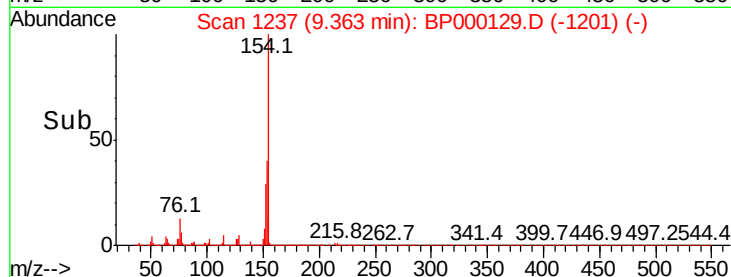
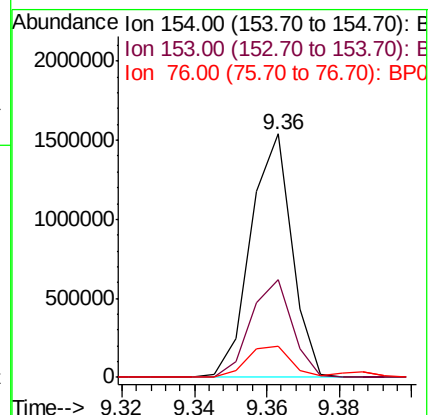
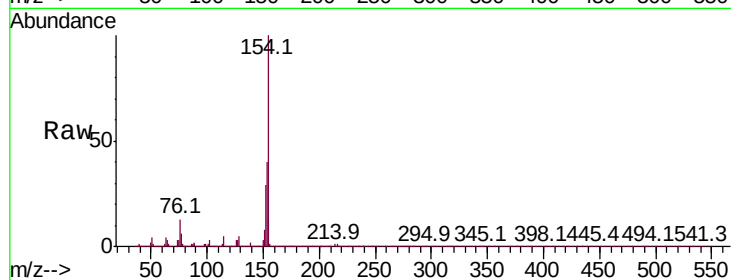
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:154 Resp: 1211171

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.3  | 32.6  | 48.8  |
| 76  | 12.6  | 11.5  | 17.3  |



#42

2-Chloronaphthalene

Concen: 21.477 ng/ul

RT: 9.39 min Scan# 1241

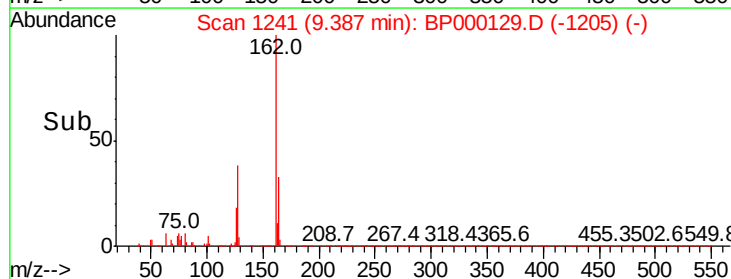
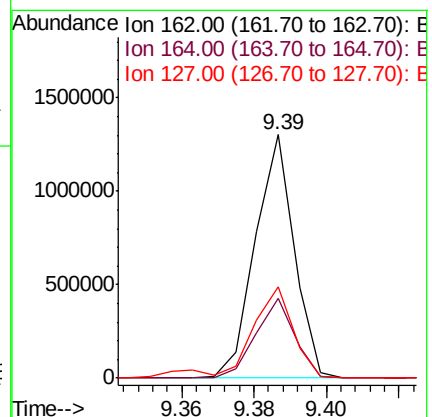
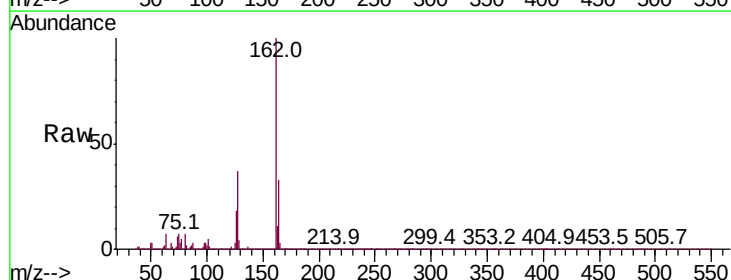
Delta R.T. 0.01 min

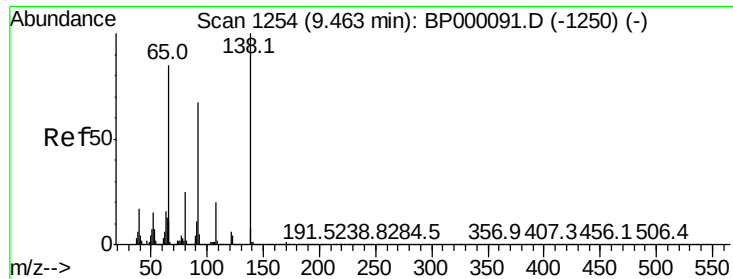
Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Tgt Ion:162 Resp: 969522

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 32.7  | 26.3  | 39.5  |
| 127 | 37.4  | 32.0  | 48.0  |

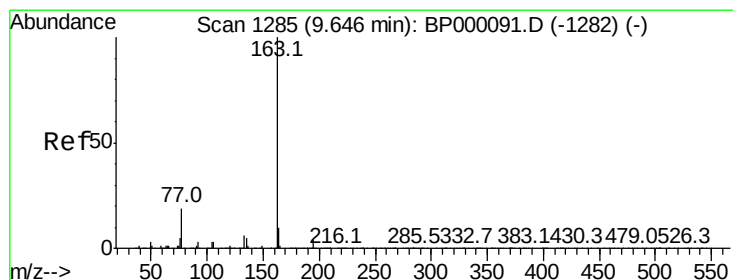
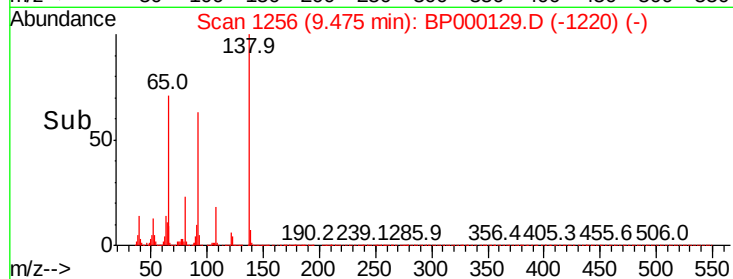
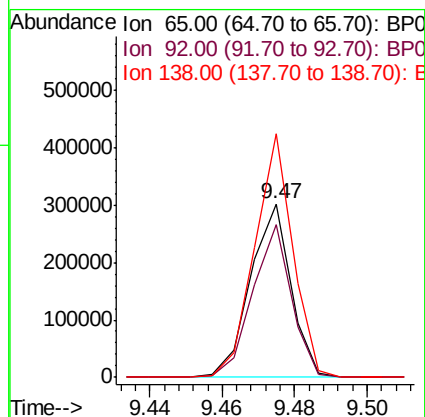
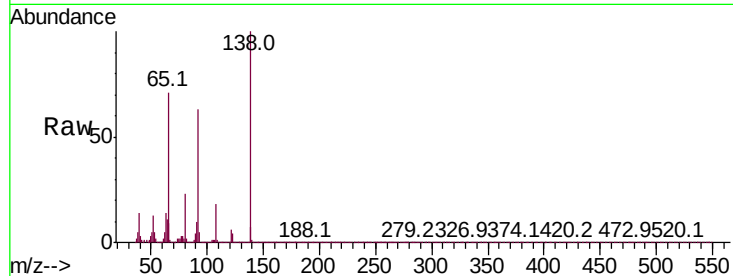




#43  
2-Nitroaniline  
Concen: 23.037 ng/ul  
RT: 9.47 min Scan# 1256  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

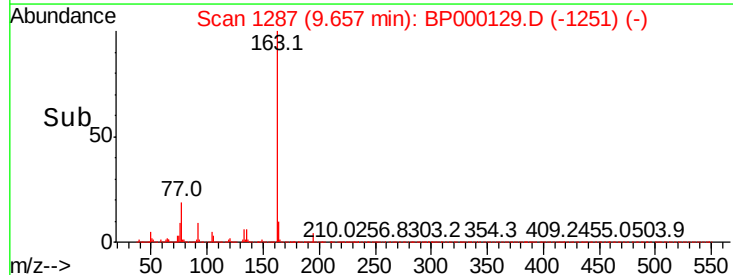
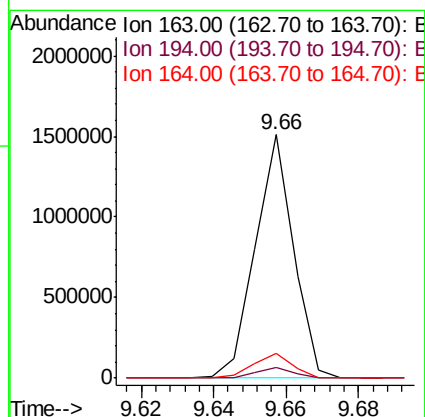
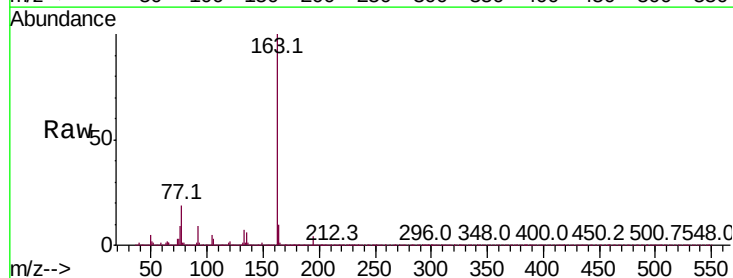
Instrument :  
BNA\_P  
ClientSampleId :

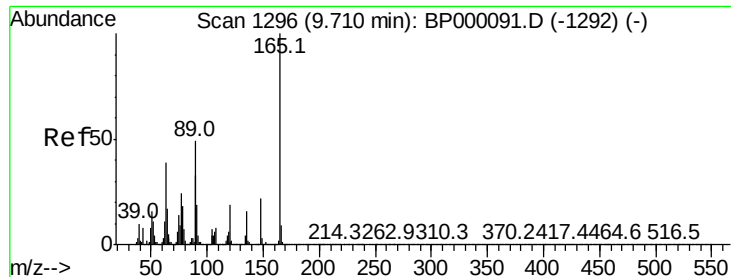
Tot Ion: 65 Resp: 233323  
Ion Ratio Lower Upper  
65 100  
92 88.2 64.9 97.3  
138 140.6 102.0 153.0



#45  
Dimethylphthalate  
Concen: 20.965 ng/ul  
RT: 9.66 min Scan# 1287  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:163 Resp: 1099765  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.2 4.8  
164 10.2 8.4 12.6





#46

2,6-Dinitrotoluene

Concen: 23.162 ng/ul

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

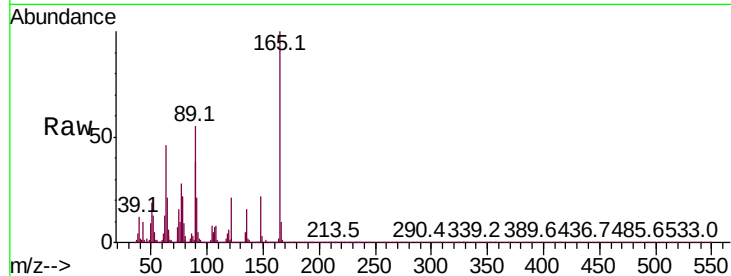
Tot Ion:165 Resp: 228250

Ion Ratio Lower Upper

165 100

89 54.7 47.7 71.5

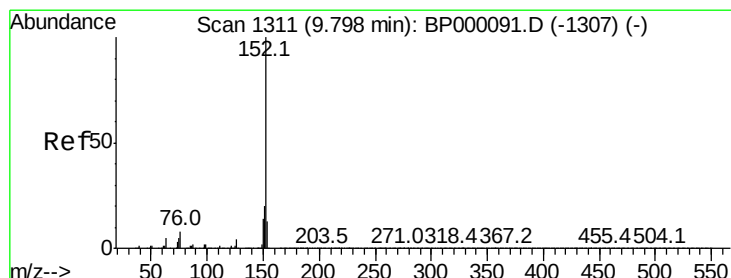
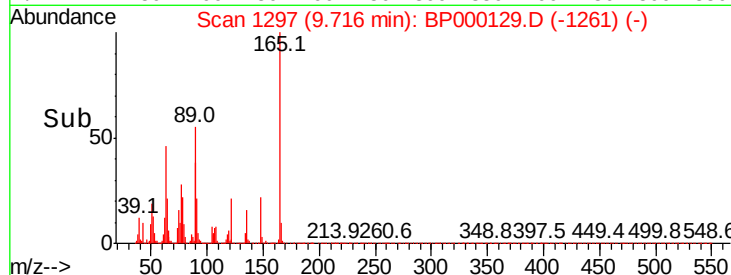
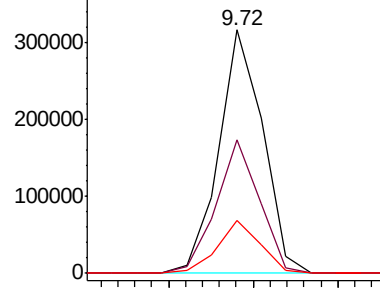
121 21.5 18.5 27.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BPO

Ion 121.00 (120.70 to 121.70): E



#48

Acenaphthylene

Concen: 20.911 ng/ul

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

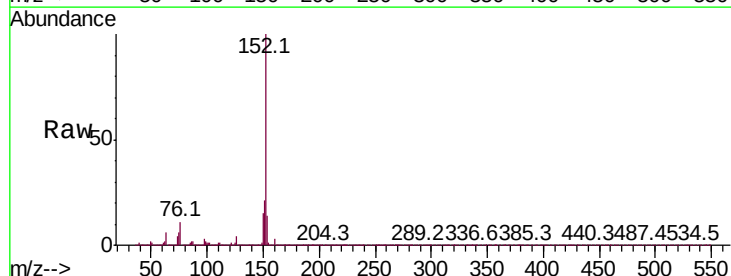
Tgt Ion:152 Resp: 1404556

Ion Ratio Lower Upper

152 100

151 21.4 16.1 24.1

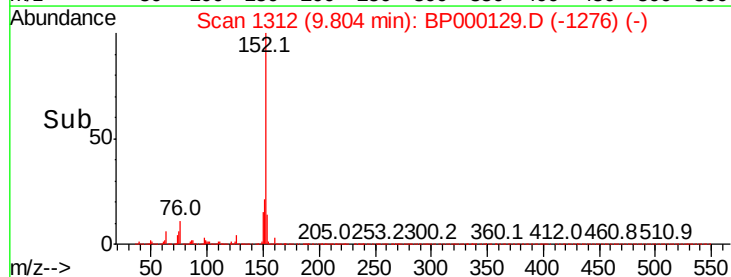
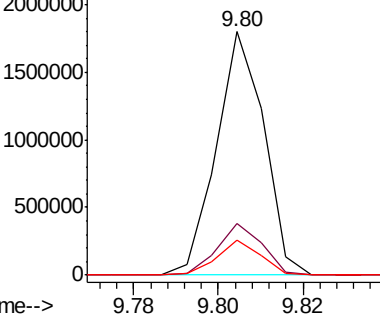
153 14.2 10.8 16.2

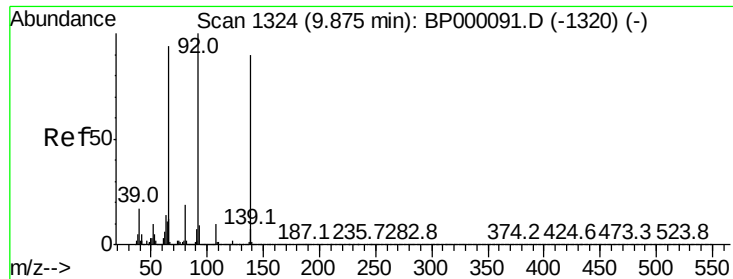


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

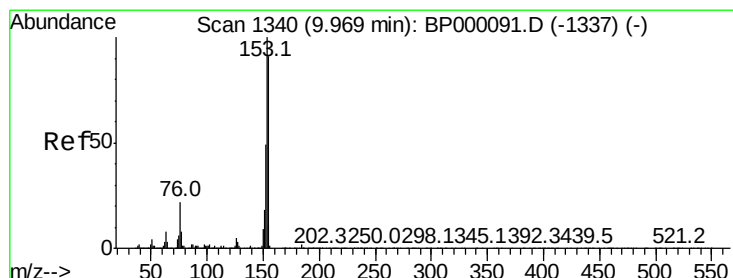
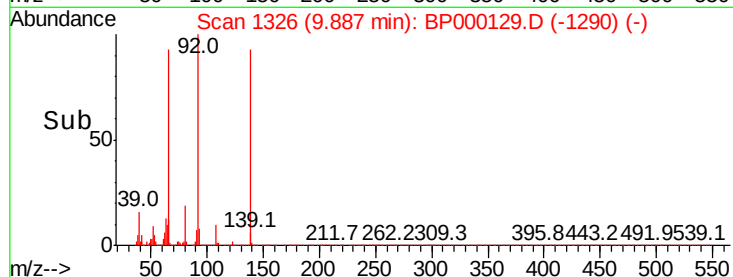
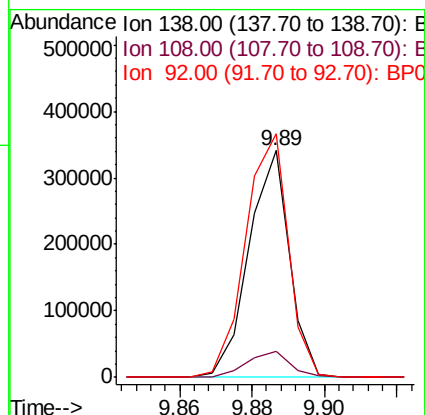
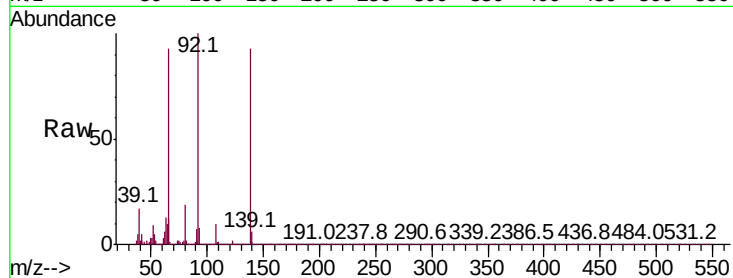




#49  
3-Nitroaniline  
Concen: 24.626 ng/ul  
RT: 9.89 min Scan# 1326  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

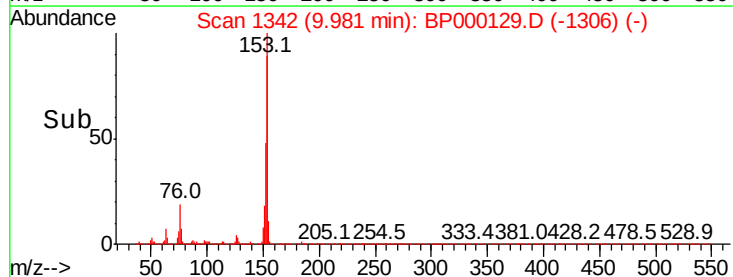
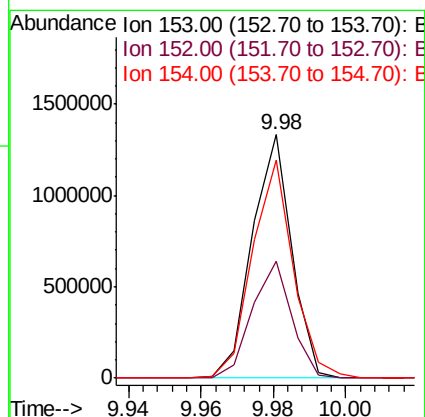
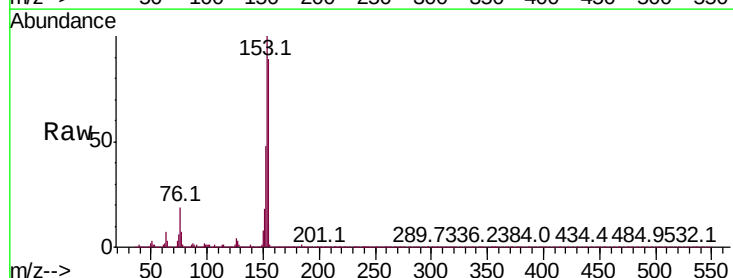
Instrument :  
BNA\_P  
ClientSampled :

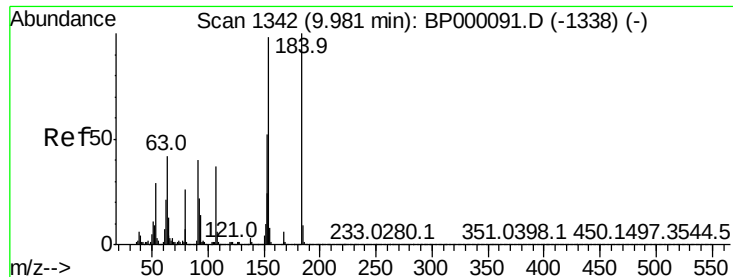
Tot Ion:138 Resp: 263902  
Ion Ratio Lower Upper  
138 100  
108 11.3 9.6 14.4  
92 107.4 86.6 129.8



#50  
Acenaphthene  
Concen: 21.640 ng/ul  
RT: 9.98 min Scan# 1342  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:153 Resp: 1006398  
Ion Ratio Lower Upper  
153 100  
152 48.1 38.0 57.0  
154 89.3 72.6 108.8





#51

2,4-Dinitrophenol

Concen: 19.076 ng/ul

RT: 9.99 min Scan# 1344

Delta R.T. 0.02 min

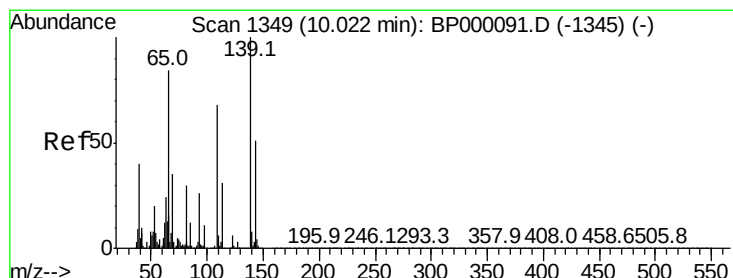
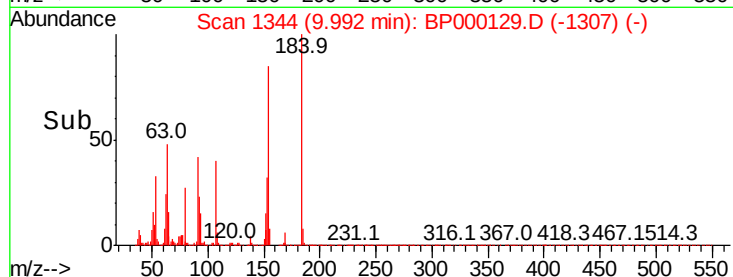
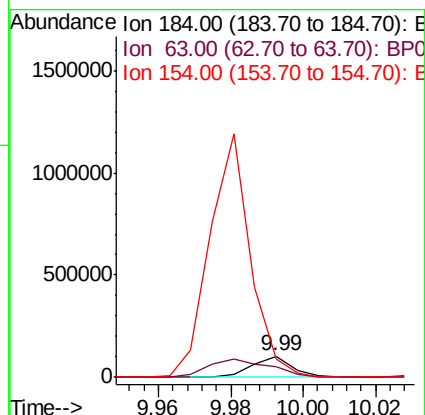
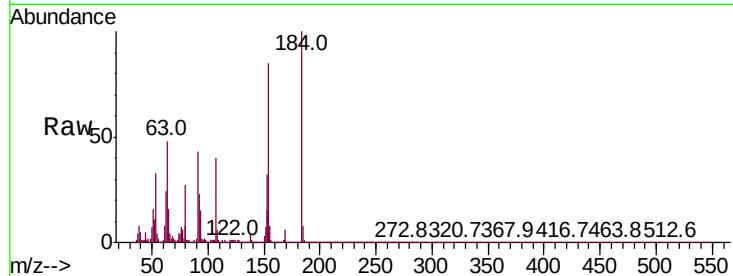
Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:184 Resp: 79731

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 184 | 100   |       |        |
| 63  | 47.9  | 71.2  | 106.8# |
| 154 | 85.3  | 527.4 | 791.0# |



#53

4-Nitrophenol

Concen: 21.723 ng/ul

RT: 10.04 min Scan# 1352

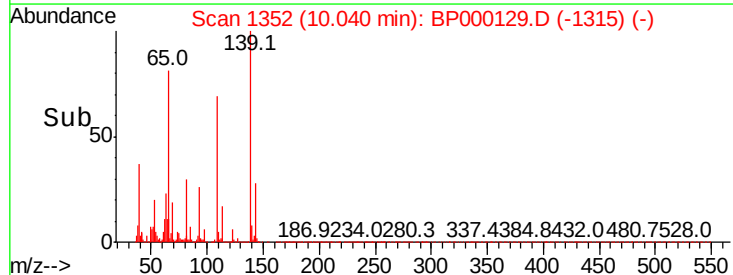
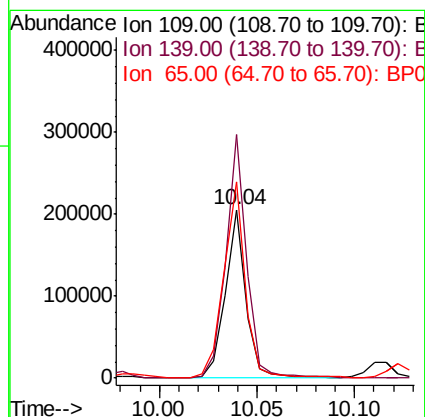
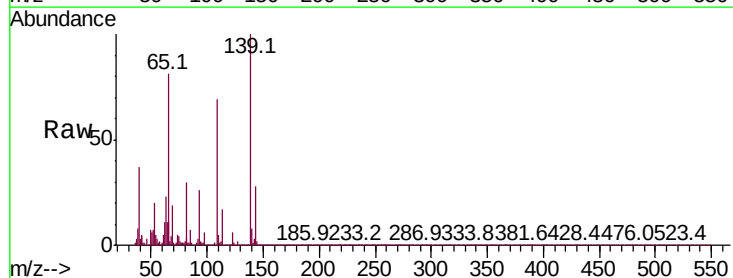
Delta R.T. 0.02 min

Lab File: BP000129.D

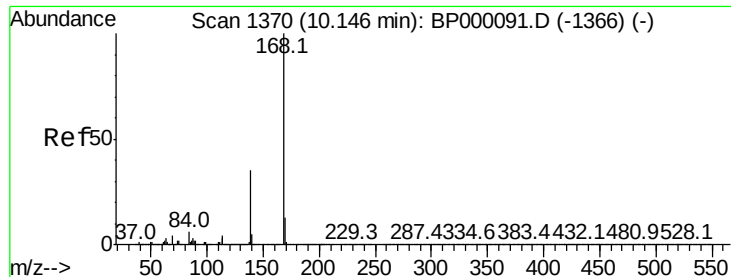
Acq: 09 Sep 2019 13:28

Tgt Ion:109 Resp: 150180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 109 | 100   |       |       |
| 139 | 144.5 | 118.6 | 177.8 |
| 65  | 116.6 | 95.4  | 143.2 |







#54

Dibenzofuran

Concen: 20.659 ng/ul

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

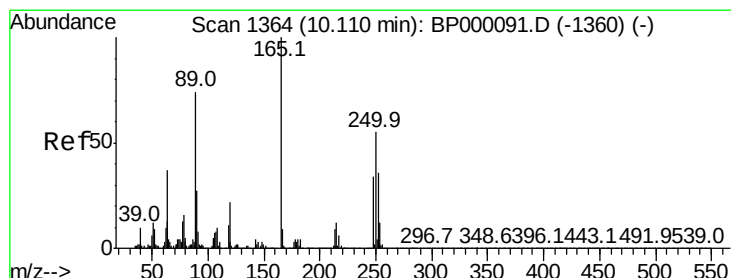
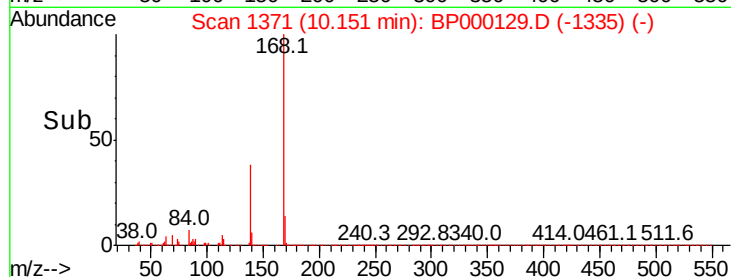
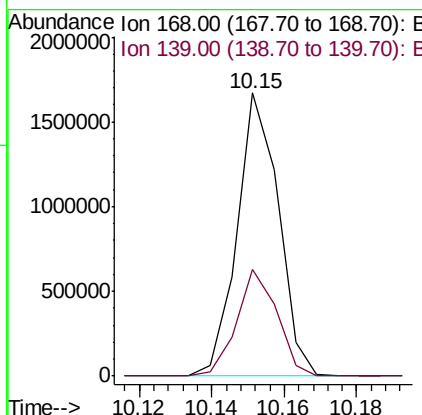
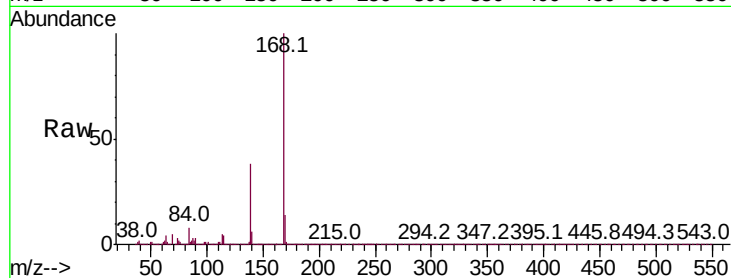
ClientSampleId :

Tot Ion:168 Resp: 1318176

Ion Ratio Lower Upper

168 100

139 37.5 30.0 45.0



#55

2,4-Dinitrotoluene

Concen: 23.104 ng/ul

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

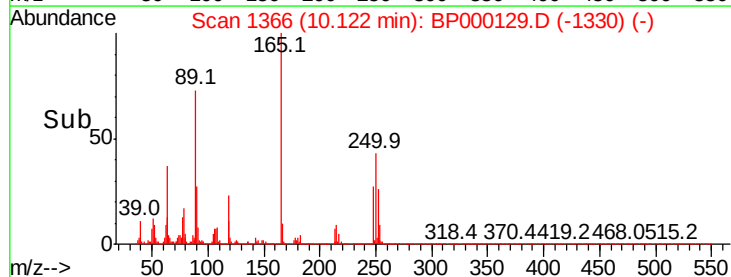
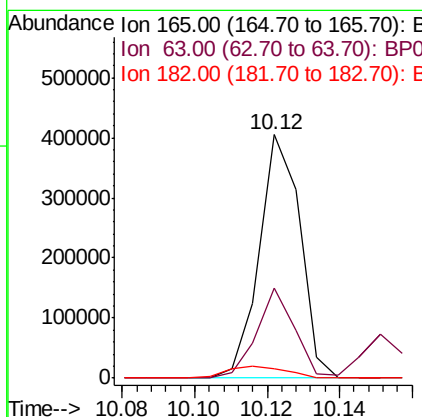
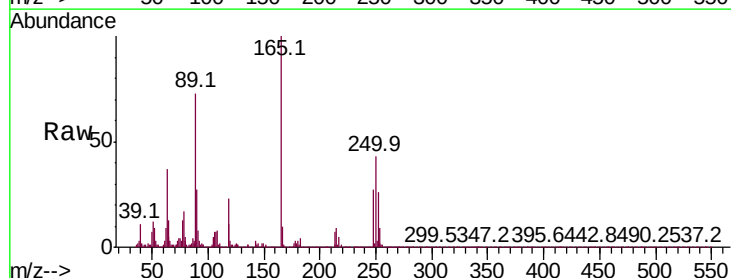
Tgt Ion:165 Resp: 315653

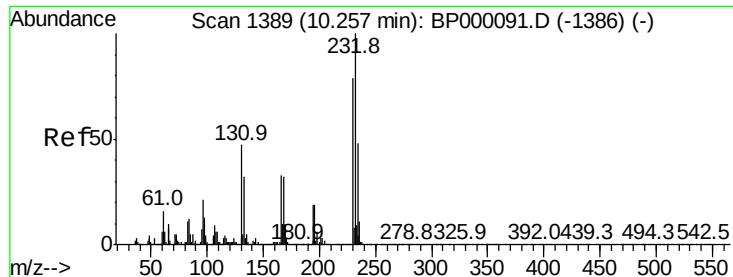
Ion Ratio Lower Upper

165 100

63 36.8 25.4 38.0

182 3.8 3.1 4.7

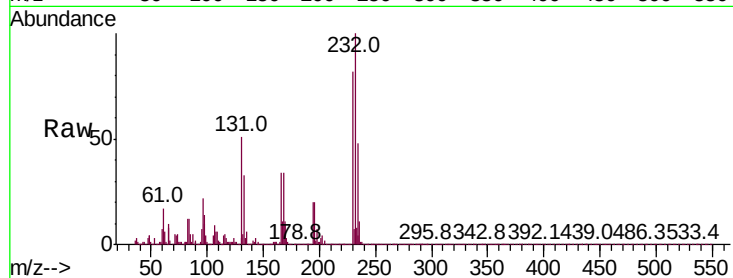




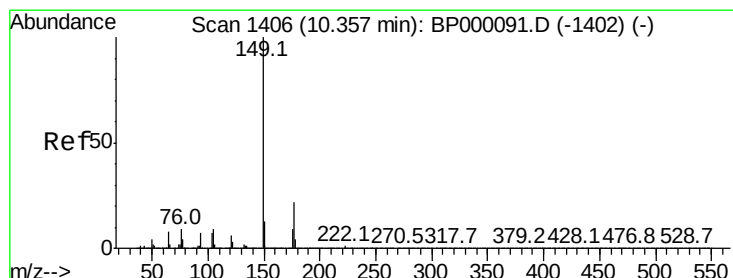
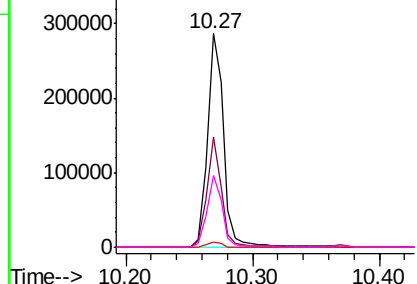
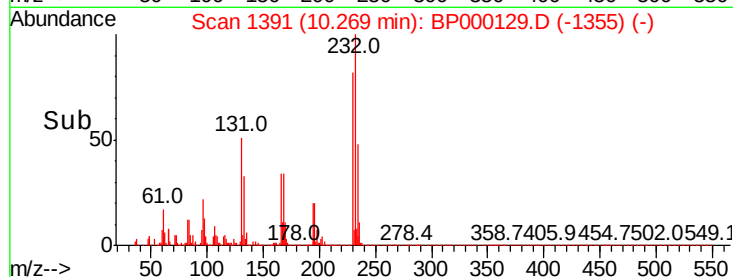
#56  
2,3,4,6-Tetrachlorophenol  
Concen: 21.868 ng/ul  
RT: 10.27 min Scan# 1391  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:232 Resp: 251053  
Ion Ratio Lower Upper  
232 100  
131 51.3 36.3 54.5  
130 2.5 1.9 2.9  
166 33.8 25.4 38.2

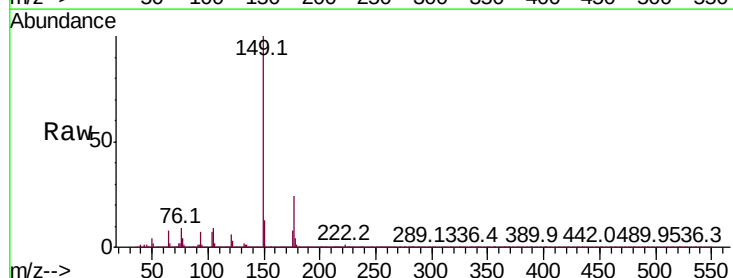


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

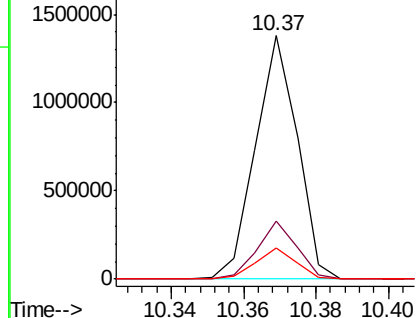
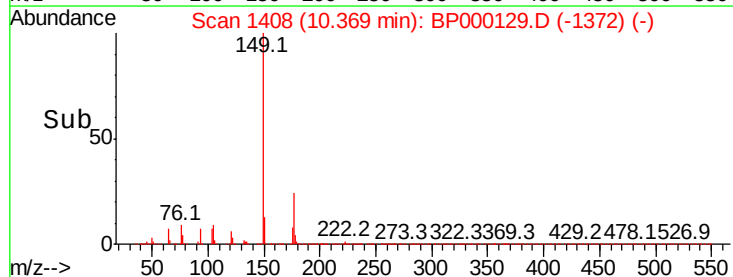


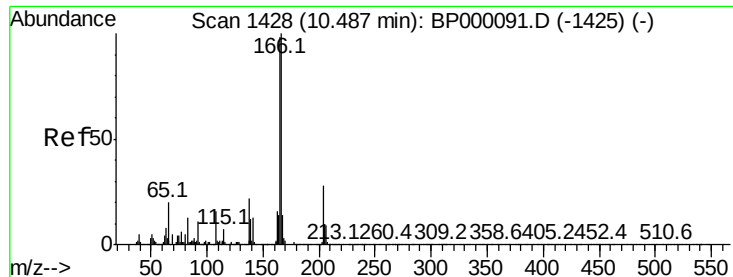
#57  
Diethylphthalate  
Concen: 21.450 ng/ul  
RT: 10.37 min Scan# 1408  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:149 Resp: 1102891  
Ion Ratio Lower Upper  
149 100  
177 23.8 18.2 27.2  
150 12.9 10.0 15.0



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





#59

Fluorene

Concen: 21.580 ng/ul

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

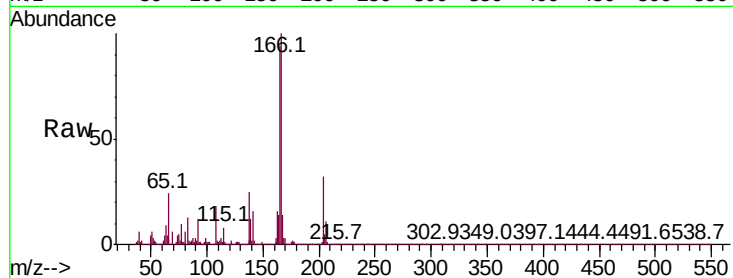
Tot Ion:166 Resp: 1065143

Ion Ratio Lower Upper

166 100

165 94.1 77.8 116.8

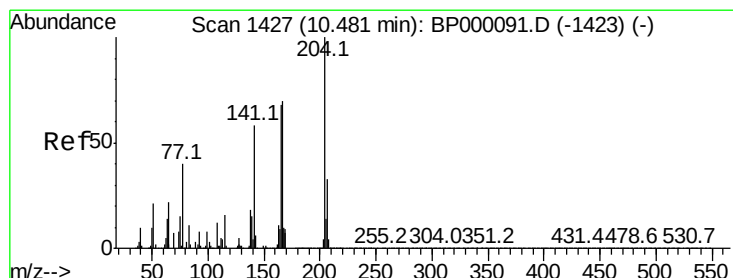
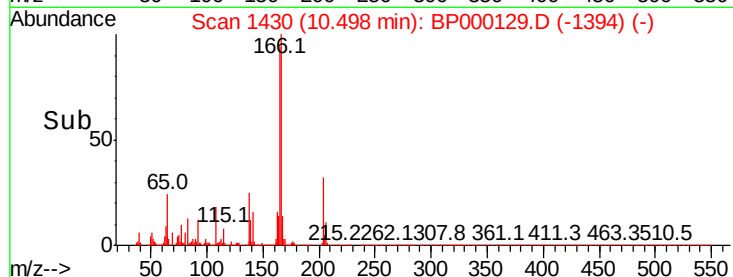
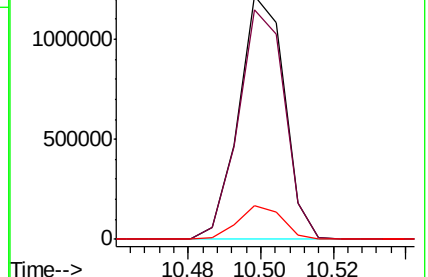
167 14.0 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.849 ng/ul

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

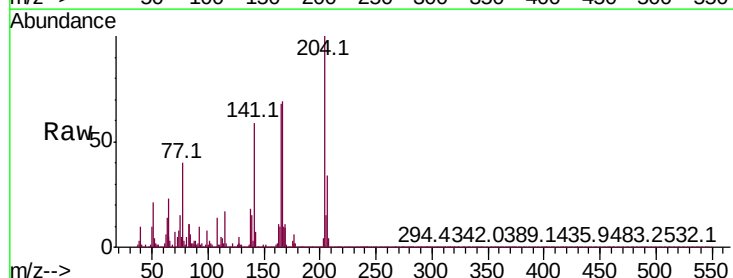
Tgt Ion:204 Resp: 519256

Ion Ratio Lower Upper

204 100

206 33.6 26.2 39.4

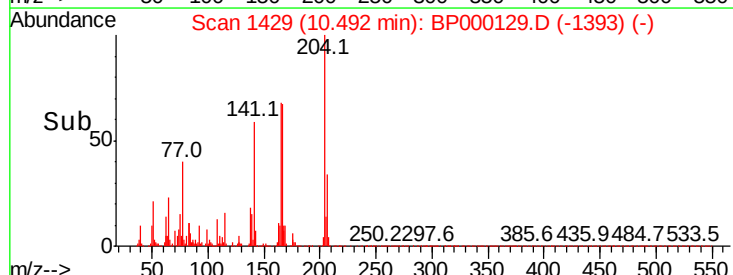
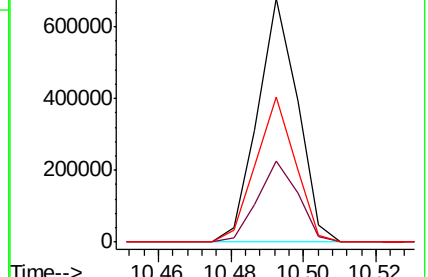
141 59.4 45.0 67.4

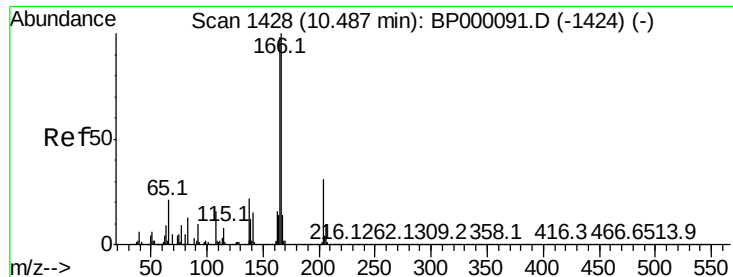


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

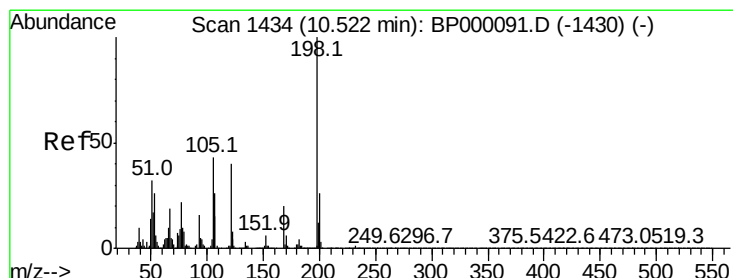
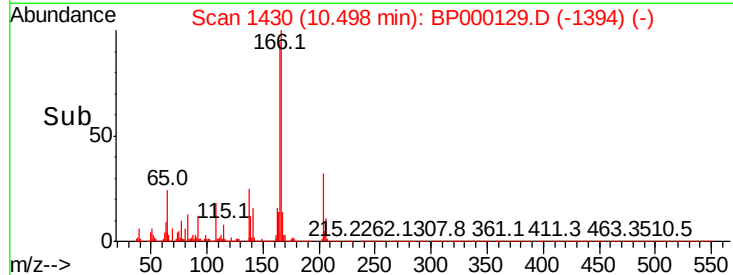
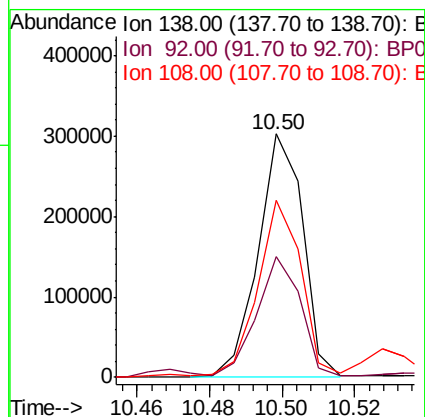
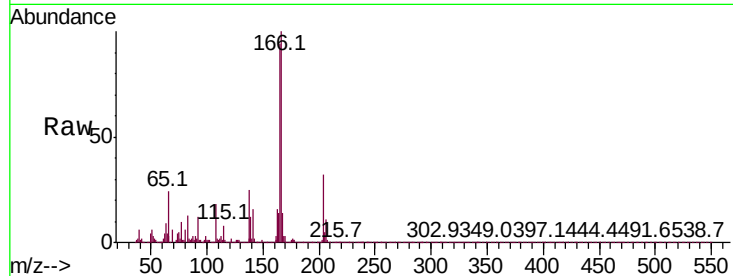




#61  
4-Nitroaniline  
Concen: 24.979 ng/ul  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

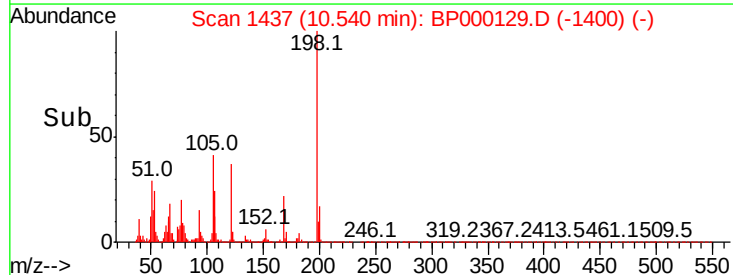
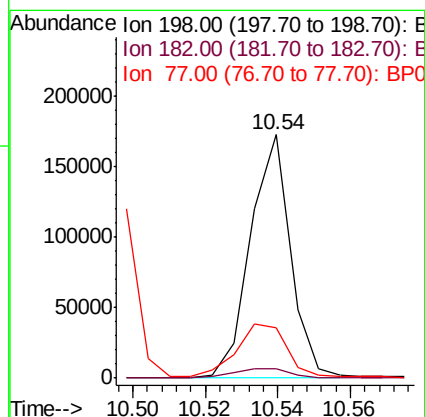
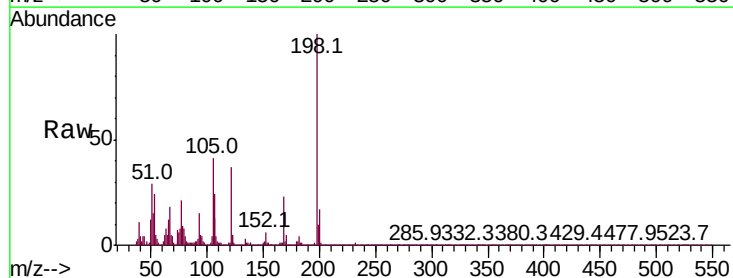
Instrument :  
BNA\_P  
ClientSampleId :

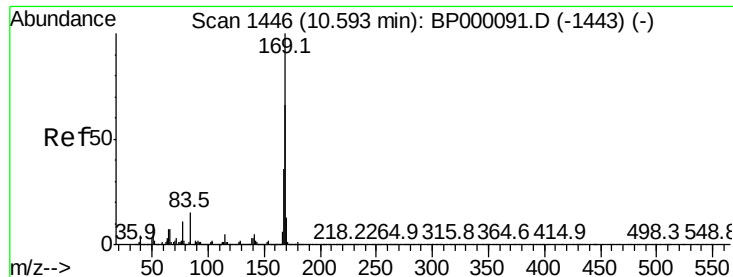
Tot Ion:138 Resp: 257680  
Ion Ratio Lower Upper  
138 100  
92 49.7 36.6 55.0  
108 72.7 54.2 81.2



#64  
4,6-Dinitro-2-methylphenol  
Concen: 20.060 ng/ul  
RT: 10.54 min Scan# 1437  
Delta R.T. 0.02 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:198 Resp: 133075  
Ion Ratio Lower Upper  
198 100  
182 3.8 3.0 4.4  
77 20.6 14.6 21.8

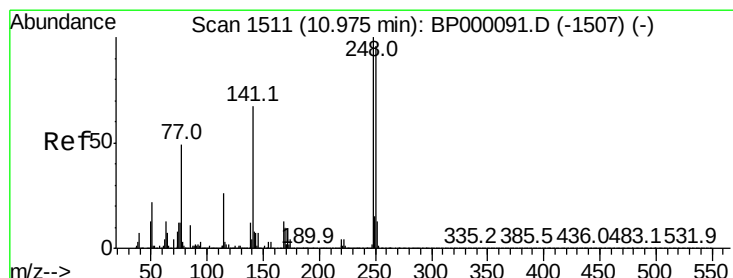
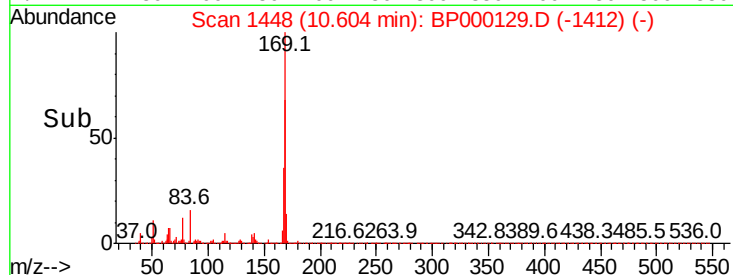
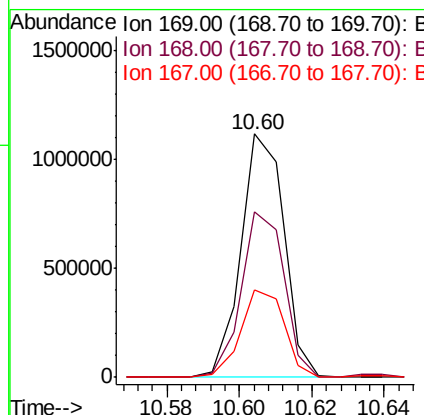
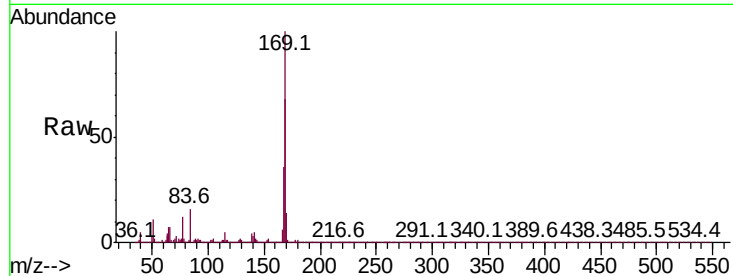




#65  
N-Nitrosodiphenylamine  
Concen: 20.717 ng/ul  
RT: 10.60 min Scan# 1448  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

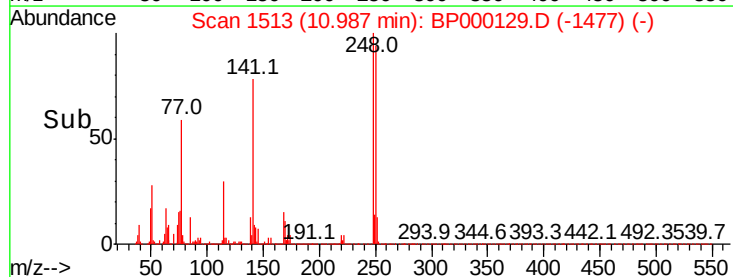
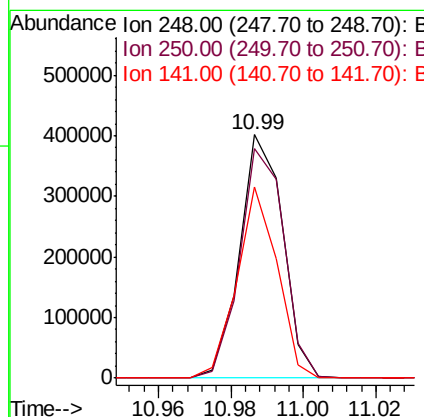
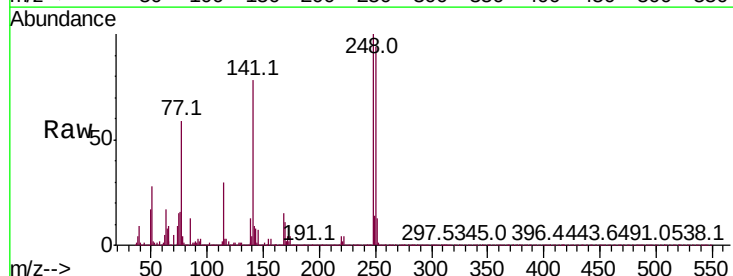
Instrument :  
BNA\_P  
ClientSampled :

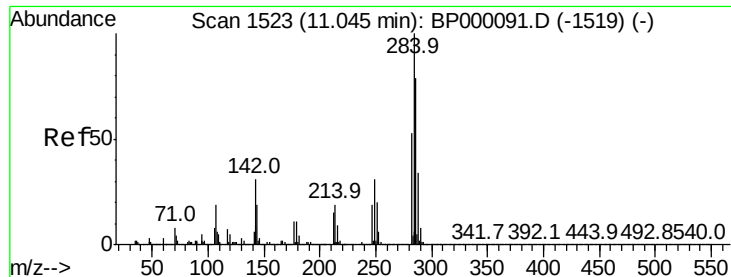
Tot Ion:169 Resp: 922104  
Ion Ratio Lower Upper  
169 100  
168 68.0 52.7 79.1  
167 35.8 28.7 43.1



#66  
4-Bromophenyl-phenylether  
Concen: 21.326 ng/ul  
RT: 10.99 min Scan# 1513  
Delta R.T. 0.01 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:248 Resp: 330033  
Ion Ratio Lower Upper  
248 100  
250 94.5 80.1 120.1  
141 78.5 52.7 79.1

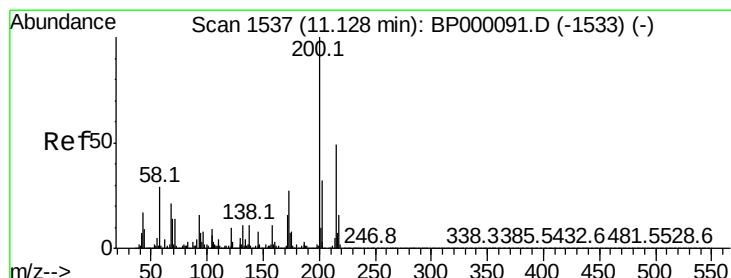
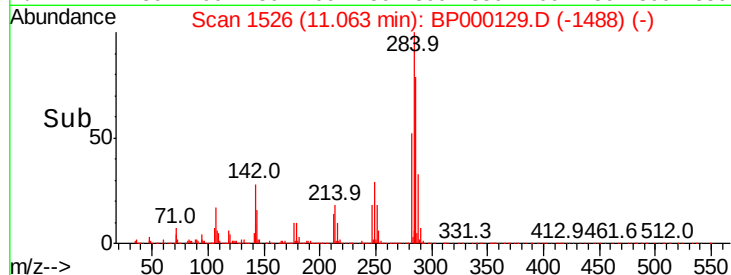
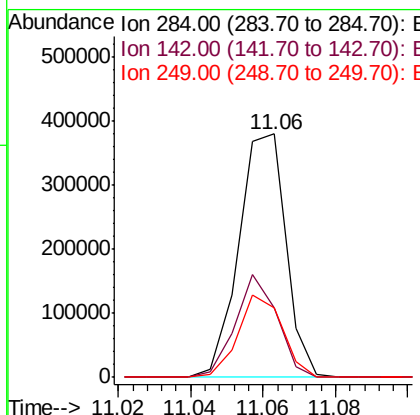
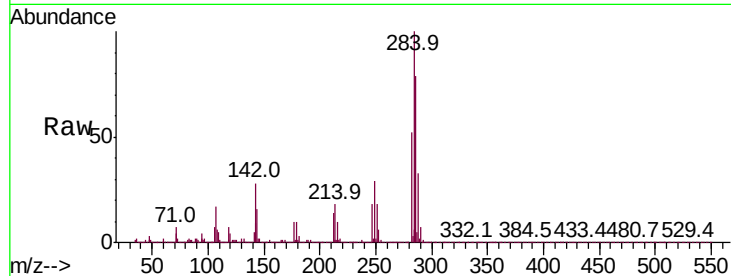




#67  
Hexachlorobenzene  
Concen: 20.828 ng/ul  
RT: 11.06 min Scan# 1526  
Delta R.T. 0.02 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

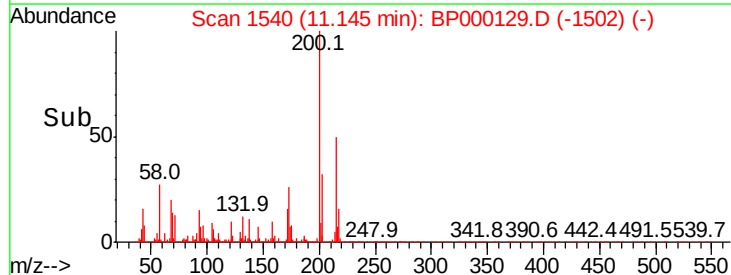
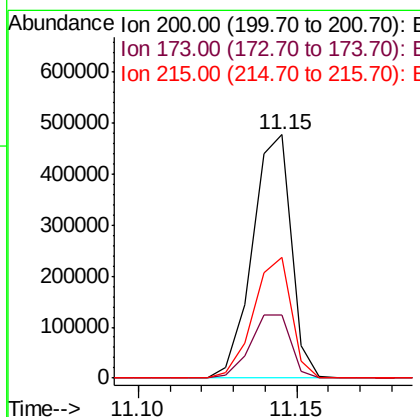
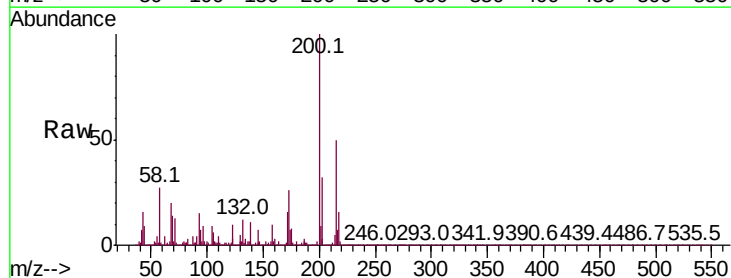
Instrument :  
BNA\_P  
ClientSampled :

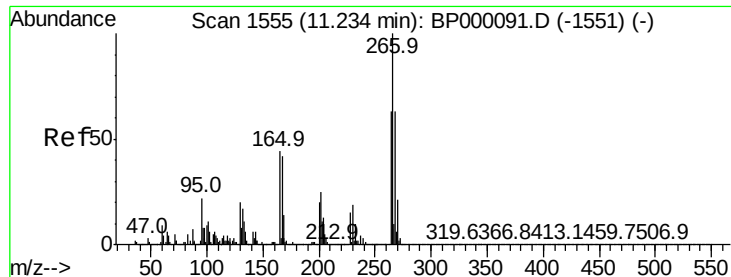
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.4  | 34.2  | 51.2# |
| 249     | 28.7  | 27.4  | 41.0  |



#68  
Atrazine  
Concen: 25.829 ng/ul  
RT: 11.15 min Scan# 1540  
Delta R.T. 0.02 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.0  | 22.2  | 33.2  |
| 215     | 49.8  | 39.0  | 58.6  |





#69

Pentachlorophenol

Concen: 20.829 ng/ul

RT: 11.25 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

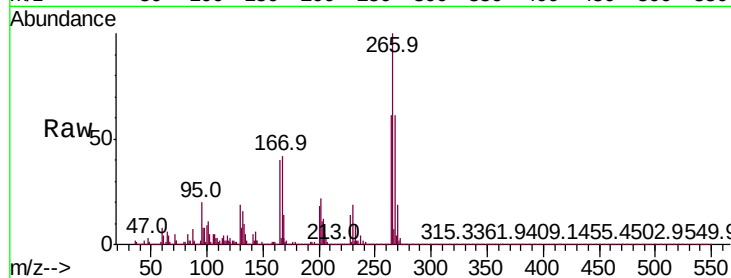
Tot Ion:266 Resp: 191128

Ion Ratio Lower Upper

266 100

264 61.4 50.6 75.8

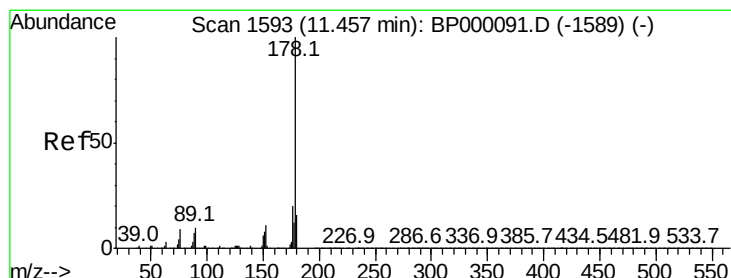
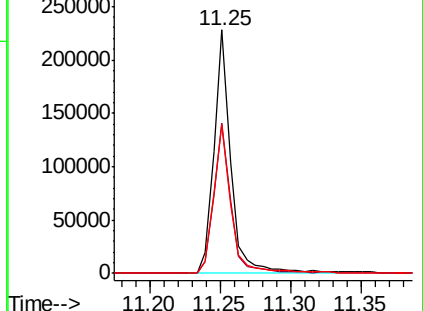
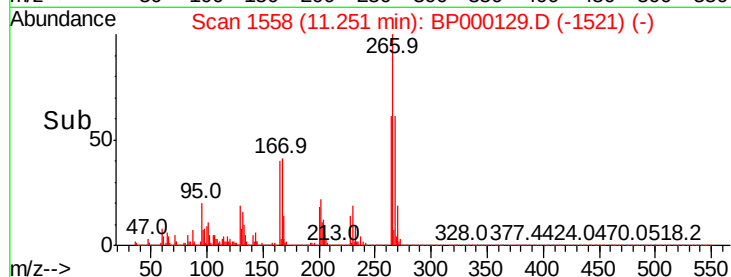
268 61.2 51.2 76.8



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: 20.997 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. 0.02 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

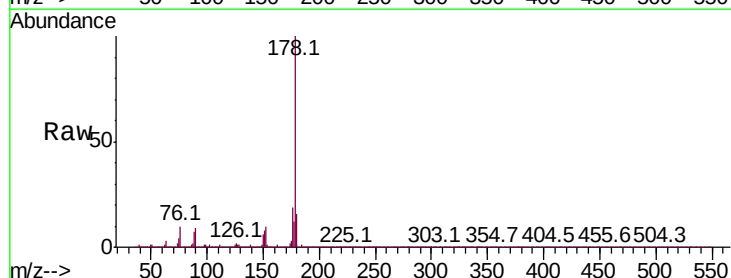
Tgt Ion:178 Resp: 1645850

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

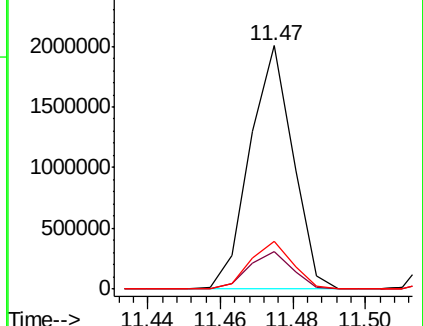
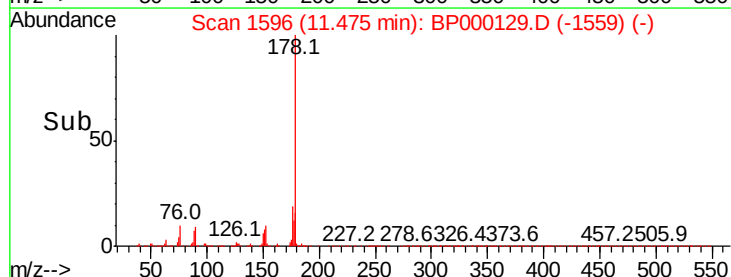
176 19.4 15.7 23.5

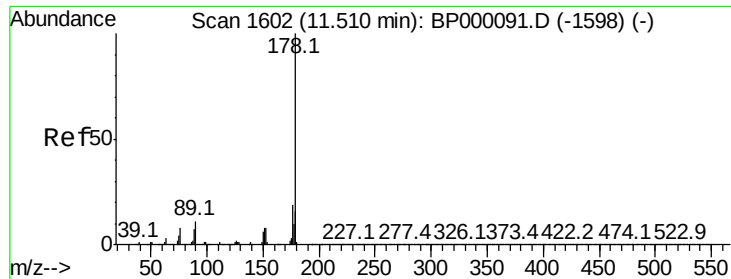


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 21.350 ng/ul

RT: 11.53 min Scan# 1605

Delta R.T. 0.02 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

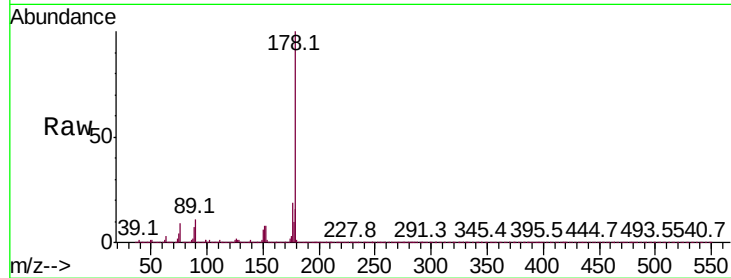
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:178 Resp: 1646687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 16.1  | 12.3  | 18.5  |
| 176 | 19.2  | 15.1  | 22.7  |

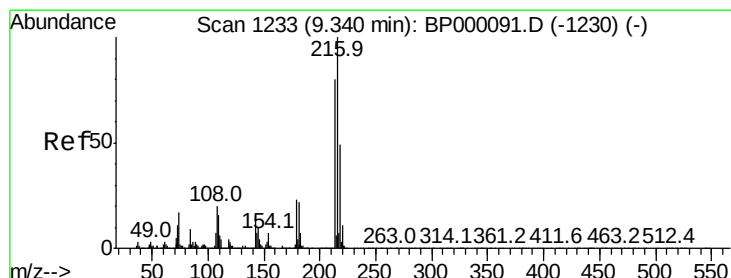
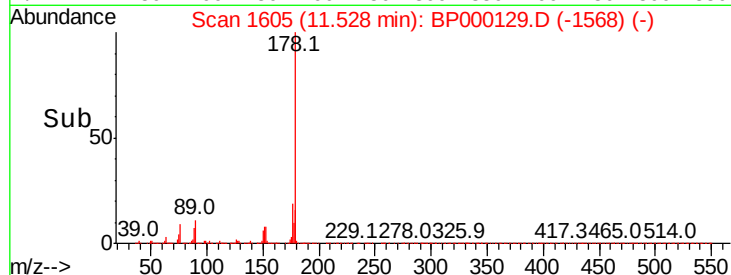
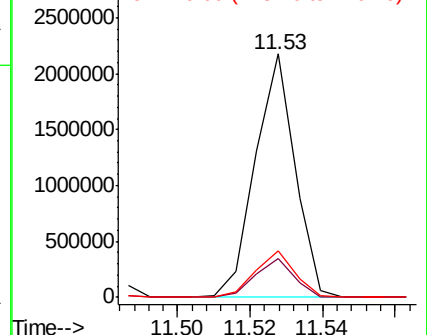


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 19.844 ng/uL

RT: 9.35 min Scan# 1235

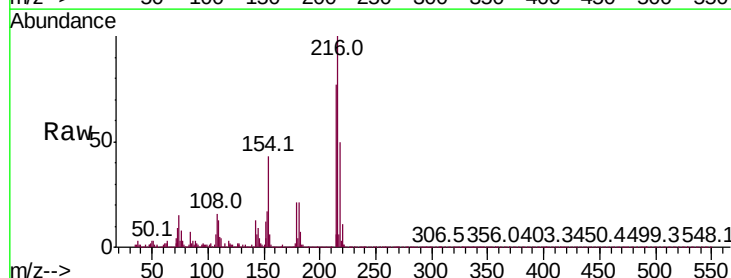
Delta R.T. 0.01 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Tgt Ion:216 Resp: 466141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.0  | 63.1  | 94.7  |
| 218 | 50.4  | 38.0  | 57.0  |

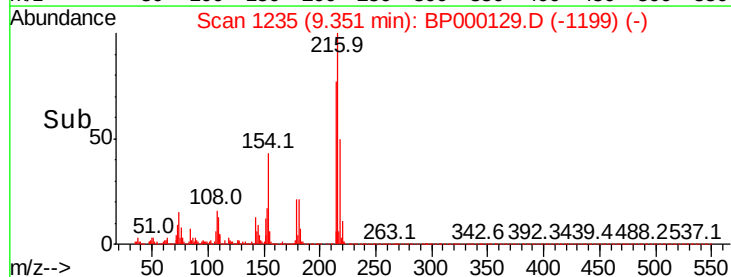
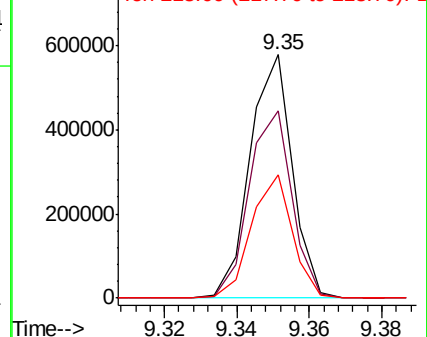


Abundance

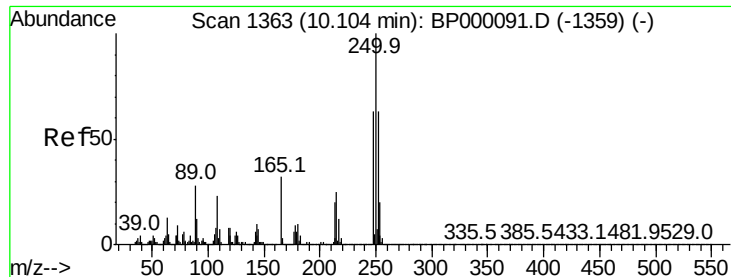
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



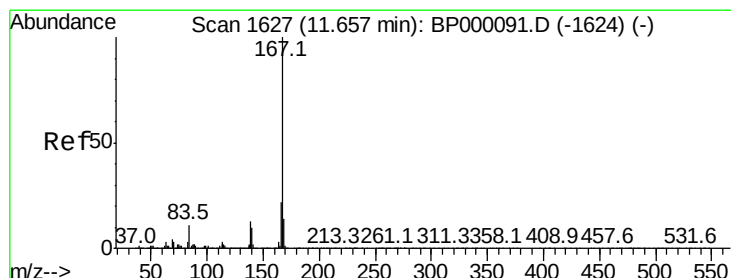
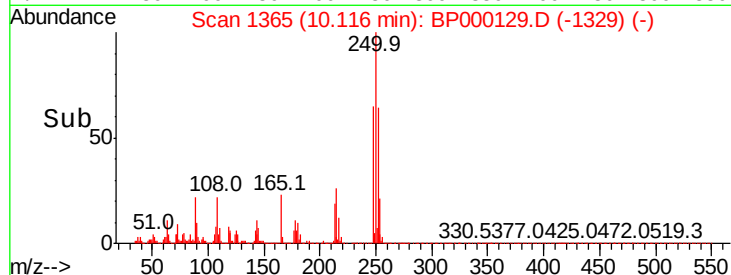
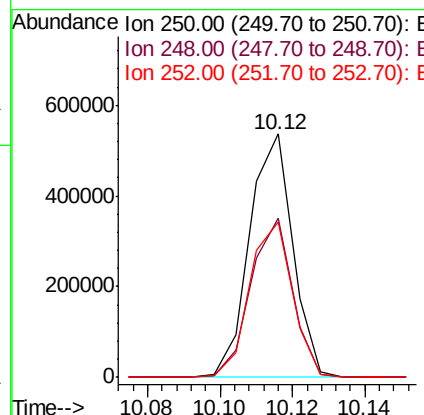
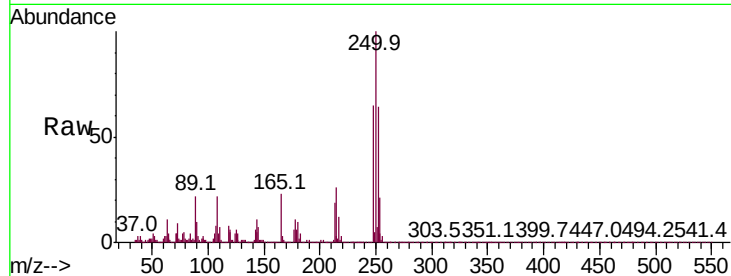




#74  
 Pentachlorobenzene  
 Concen: 20.783 ng/uL  
 RT: 10.12 min Scan# 1365  
 Delta R.T. 0.01 min  
 Lab File: BP000129.D  
 Acq: 09 Sep 2019 13:28

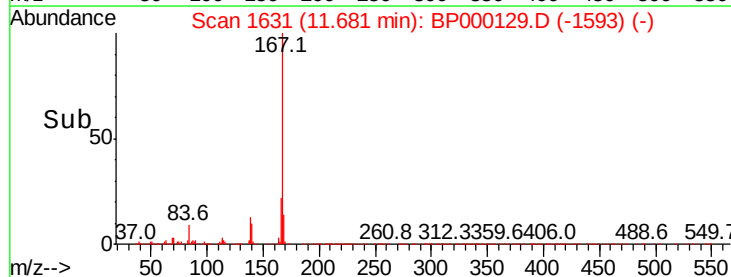
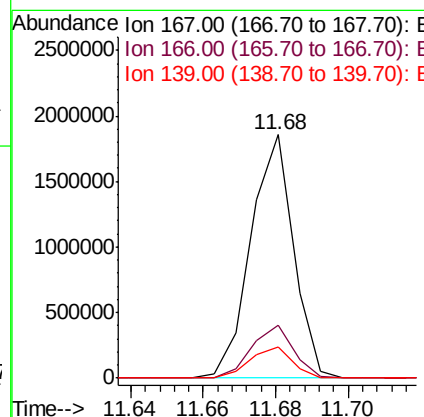
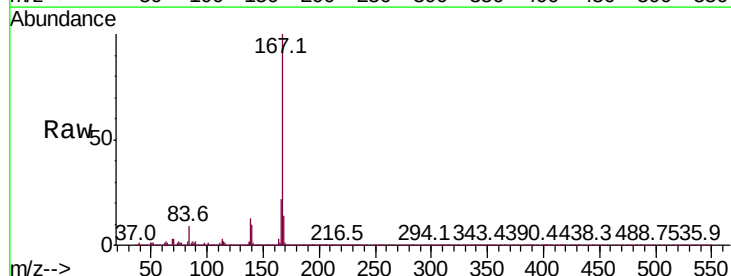
Instrument :  
 BNA\_P  
 ClientSampleId :

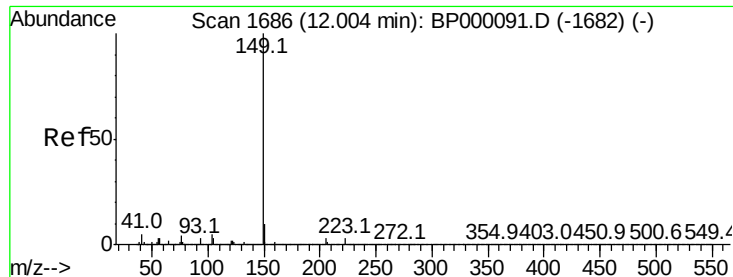
Tot Ion:250 Resp: 442200  
 Ion Ratio Lower Upper  
 250 100  
 248 65.1 49.5 74.3  
 252 63.7 51.4 77.2



#75  
 Carbazole  
 Concen: 23.013 ng/uL  
 RT: 11.68 min Scan# 1631  
 Delta R.T. 0.02 min  
 Lab File: BP000129.D  
 Acq: 09 Sep 2019 13:28

Tgt Ion:167 Resp: 1517597  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.3 25.9  
 139 12.8 10.6 15.8



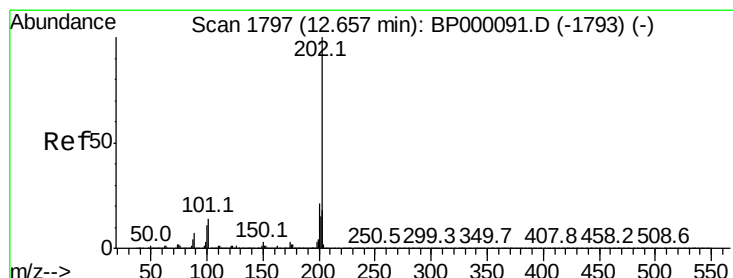
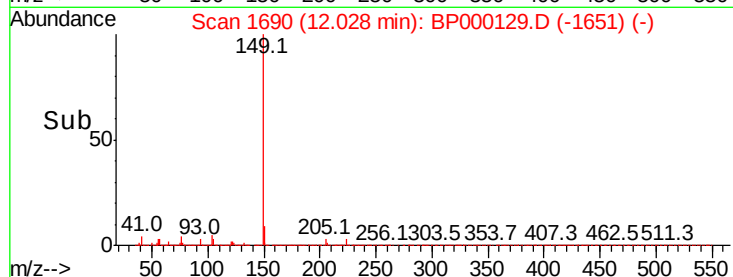
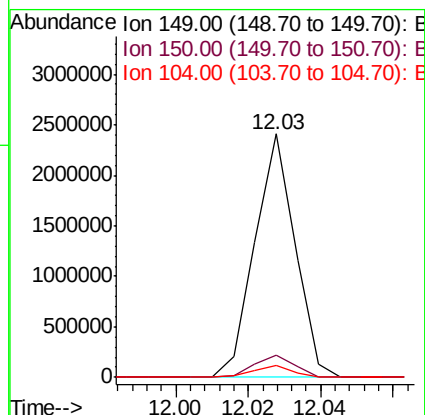
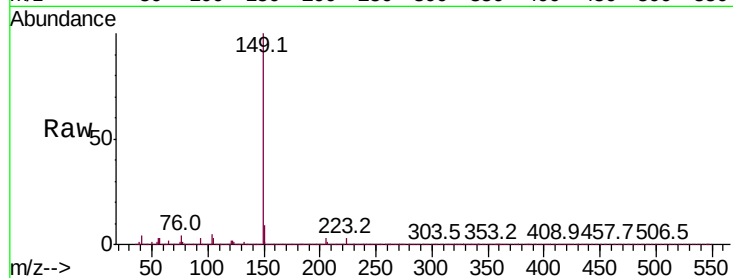


#76  
 Di-n-butylphthalate  
 Concen: 23.239 ng/ul  
 RT: 12.03 min Scan# 1690  
 Delta R.T. 0.03 min  
 Lab File: BP000129.D  
 Acq: 09 Sep 2019 13:28

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:149 Resp: 1856056  

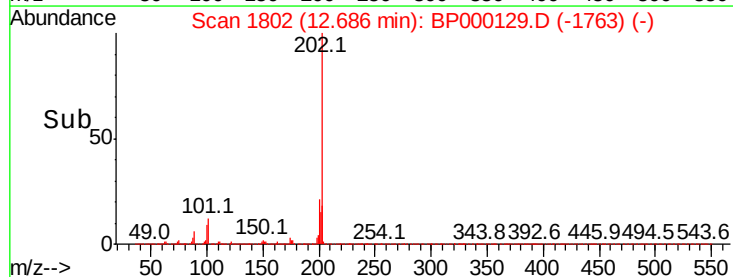
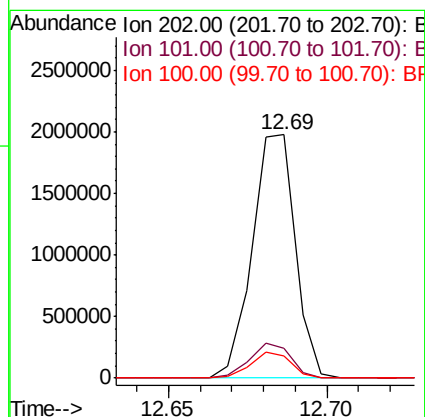
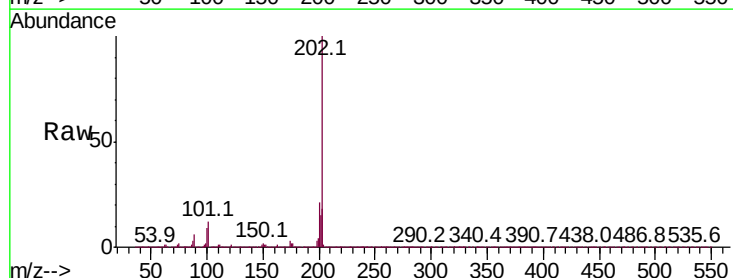
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.5   | 11.3  |
| 104 | 4.7   | 4.0   | 6.0   |

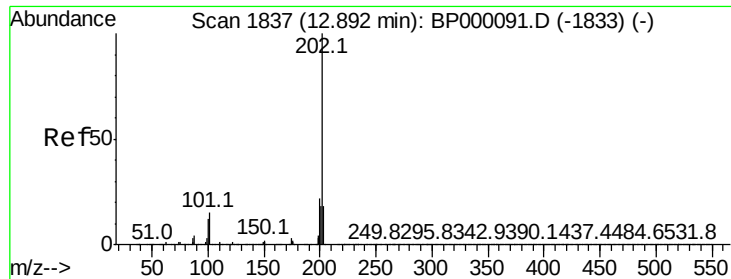


#77  
 Fluoranthene  
 Concen: 23.675 ng/ul  
 RT: 12.69 min Scan# 1802  
 Delta R.T. 0.03 min  
 Lab File: BP000129.D  
 Acq: 09 Sep 2019 13:28

Tgt Ion:202 Resp: 1871707  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.3  | 10.0  | 15.0  |
| 100 | 9.1   | 7.4   | 11.2  |

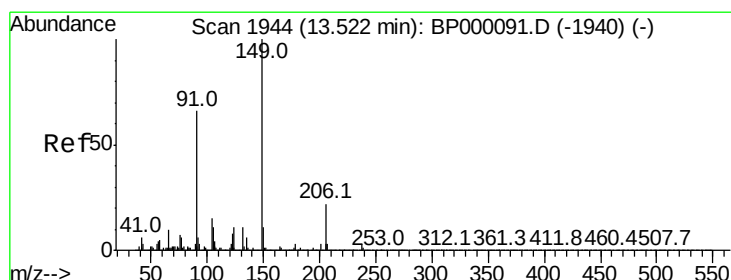
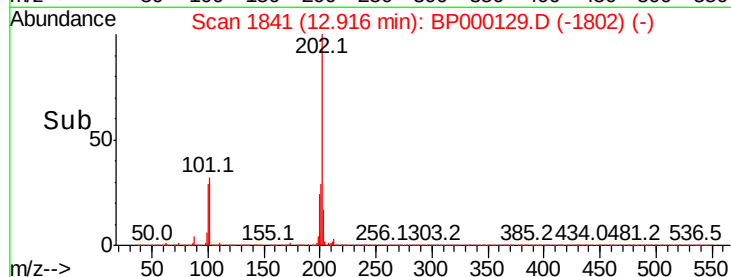
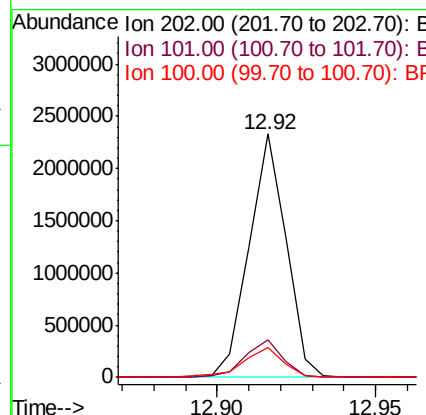
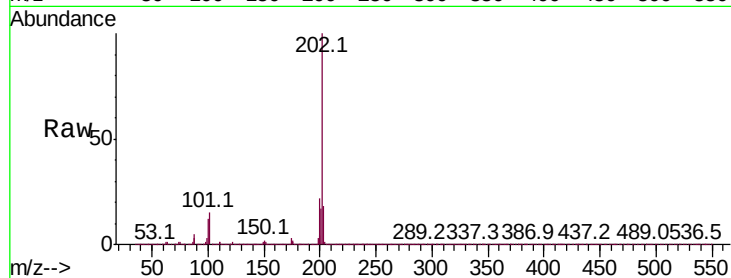




#80  
Pvrene  
Concen: 21.416 ng/ul  
RT: 12.92 min Scan# 1841  
Delta R.T. 0.03 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

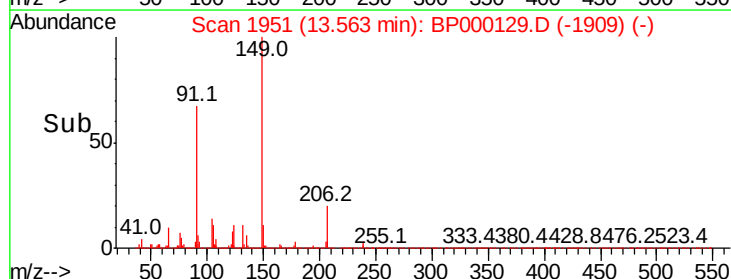
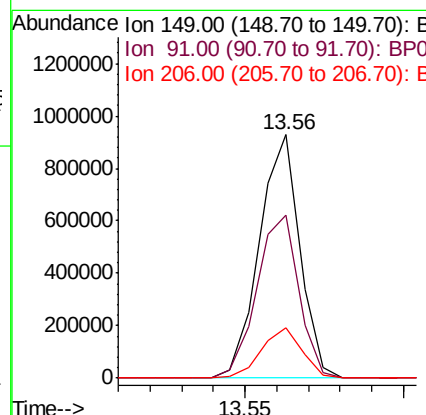
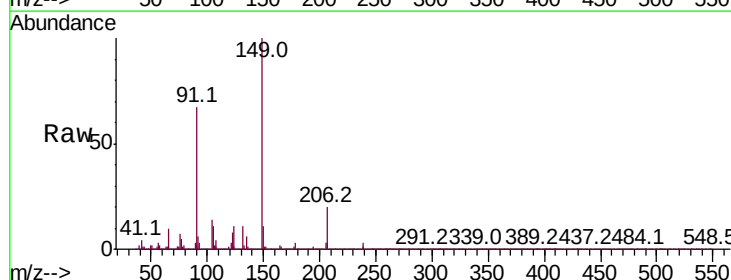
Instrument :  
BNA\_P  
ClientSampleId :

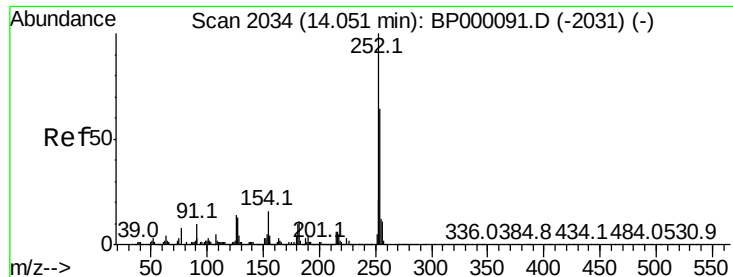
Tot Ion:202 Resp: 1881460  
Ion Ratio Lower Upper  
202 100  
101 15.3 13.4 20.0  
100 12.2 10.8 16.2



#81  
Butylbenzylphthalate  
Concen: 23.964 ng/ul  
RT: 13.56 min Scan# 1951  
Delta R.T. 0.05 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:149 Resp: 826098  
Ion Ratio Lower Upper  
149 100  
91 66.8 55.0 82.4  
206 20.4 16.6 24.8





#82

3,3'-Dichlorobenzidine

Concen: 23.134 ng/ul

RT: 14.10 min Scan# 2042

Delta R.T. 0.05 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

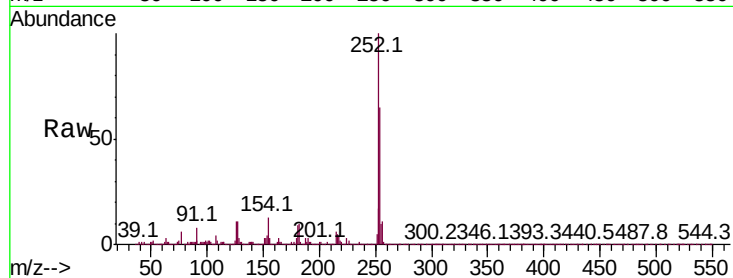
Tot Ion:252 Resp: 658192

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.2

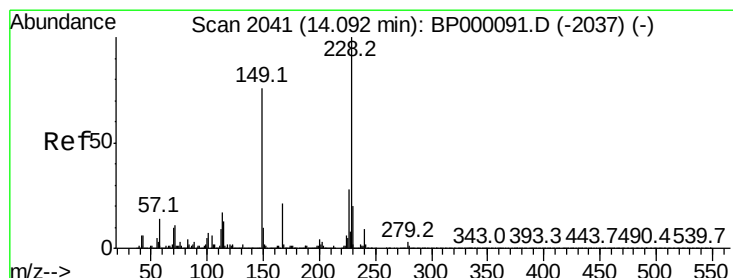
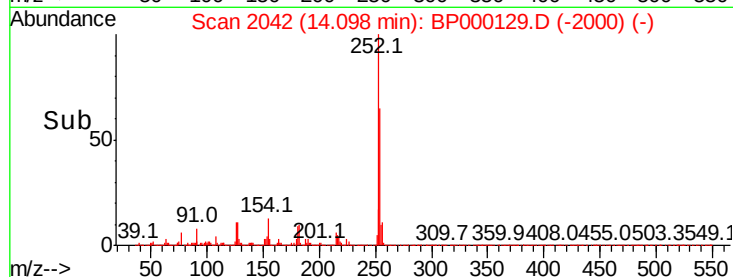
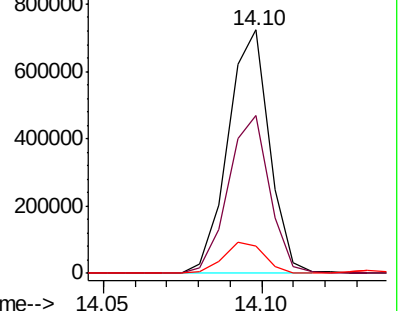
126 11.3 8.7 13.1



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



#83

Benzo(a)anthracene

Concen: 21.098 ng/ul

RT: 14.13 min Scan# 2048

Delta R.T. 0.05 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

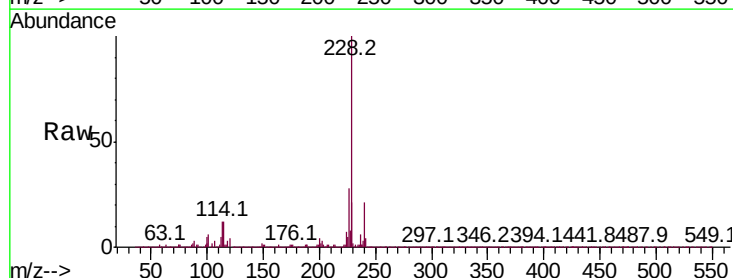
Tgt Ion:228 Resp: 1778326

Ion Ratio Lower Upper

228 100

229 20.7 15.9 23.9

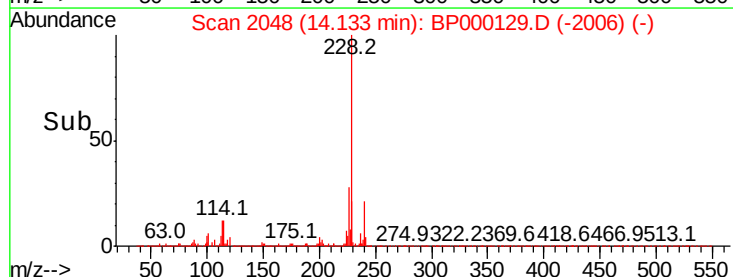
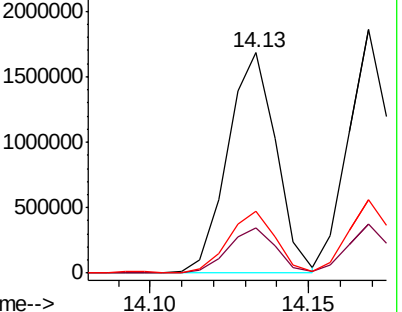
226 28.2 22.1 33.1

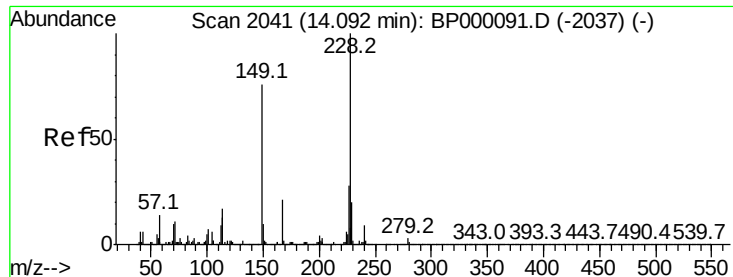


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 24.310 ng/ul

RT: 14.15 min Scan# 2051

Delta R.T. 0.06 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampled :

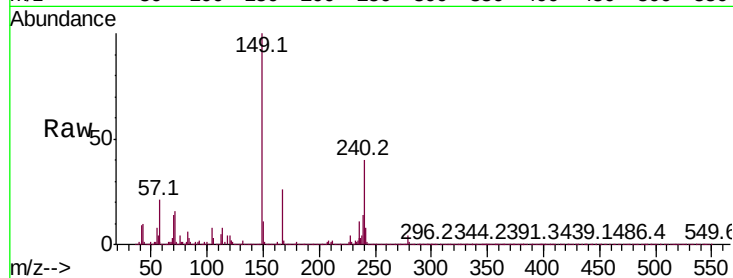
Tot Ion:149 Resp: 1163745

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.3  | 21.8  | 32.8  |
| 279 | 3.6   | 3.0   | 4.4   |

149 100

167 26.3 21.8 32.8

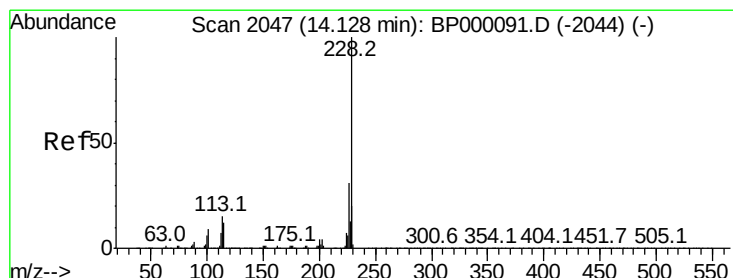
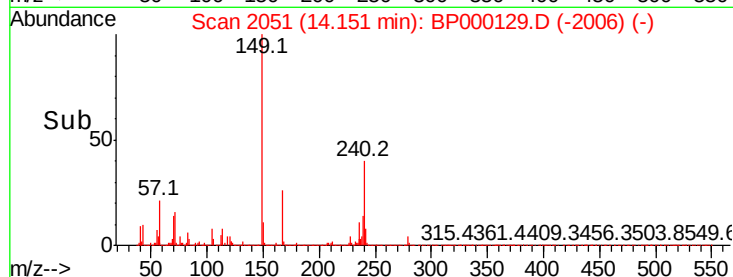
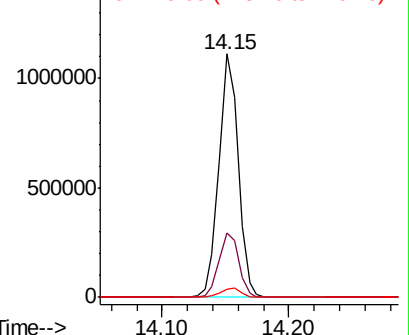
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 21.022 ng/ul

RT: 14.17 min Scan# 2054

Delta R.T. 0.04 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

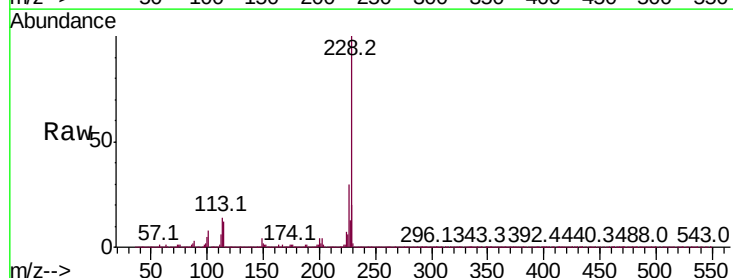
Tgt Ion:228 Resp: 1625986

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.4  | 24.4  | 36.6  |
| 229 | 20.4  | 16.0  | 24.0  |

228 100

226 30.4 24.4 36.6

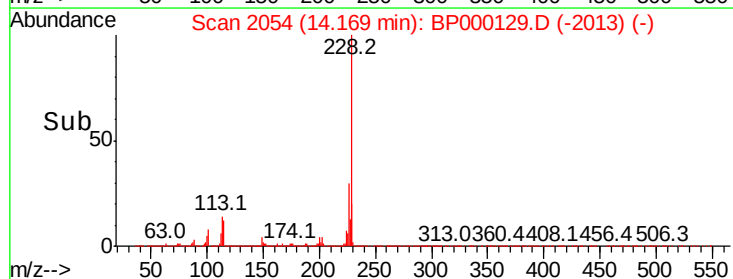
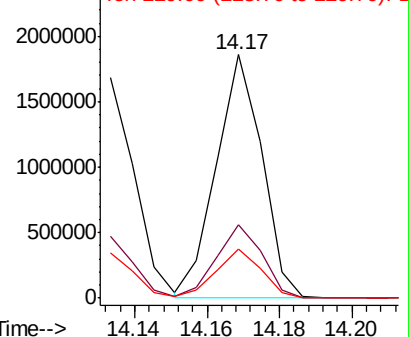
229 20.4 16.0 24.0

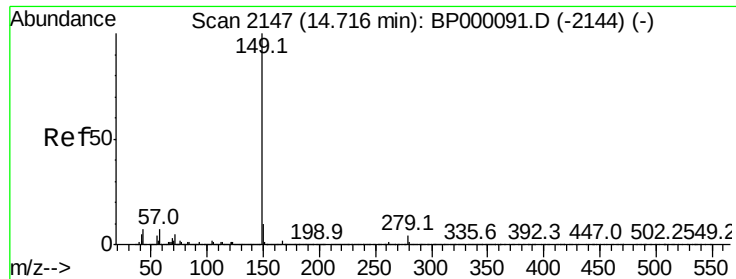


Abundance Ion 228.00 (227.70 to 228.70): E

2500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 24.622 ng/ul

RT: 14.79 min Scan# 2160

Delta R.T. 0.08 min

Lab File: BP000129.D

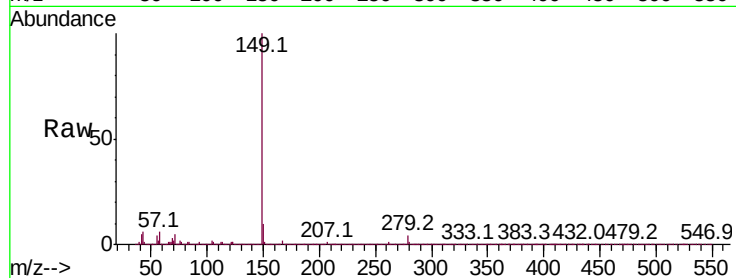
Acq: 09 Sep 2019 13:28

Instrument :

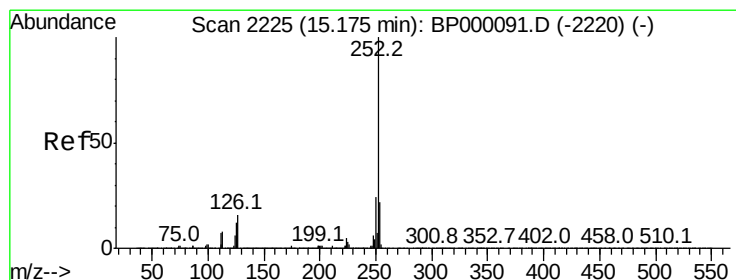
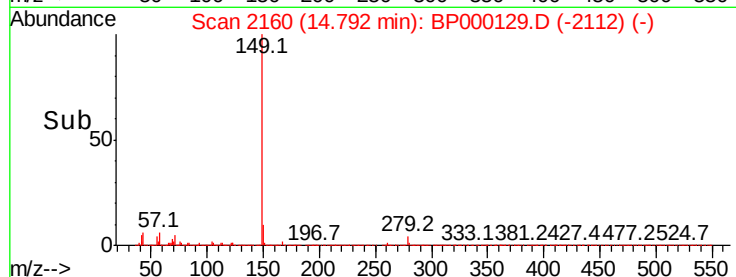
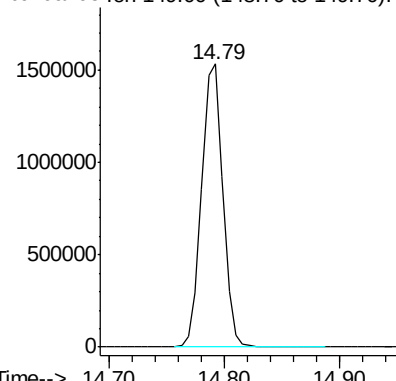
BNA\_P

ClientSampleId :

Tgt Ion:149 Resp: 1956251



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 20.600 ng/ul

RT: 15.23 min Scan# 2234

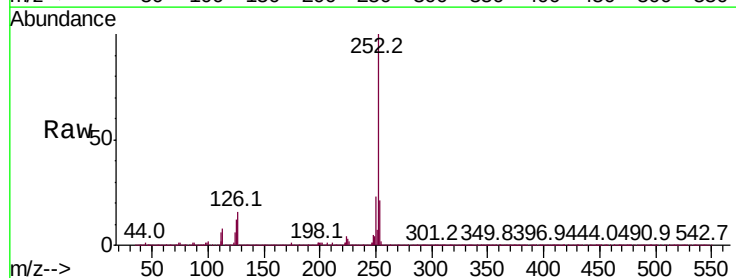
Delta R.T. 0.06 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Tgt Ion:252 Resp: 1689434

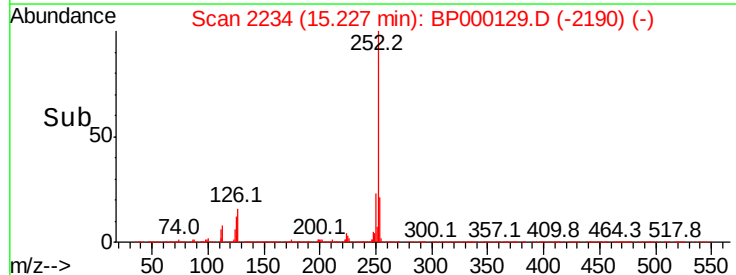
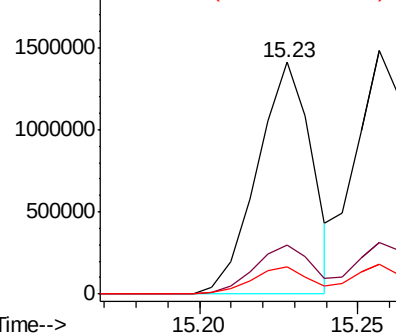
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.1  | 17.5  | 26.3  |
| 125 | 11.6  | 9.9   | 14.9  |

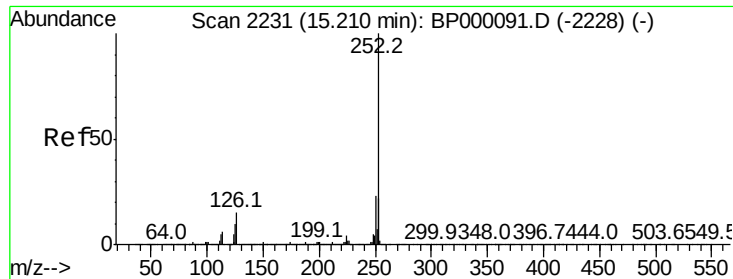


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

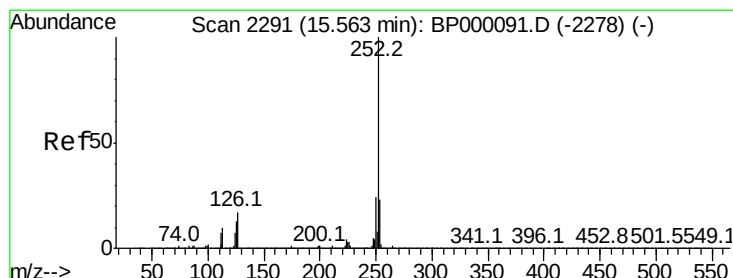
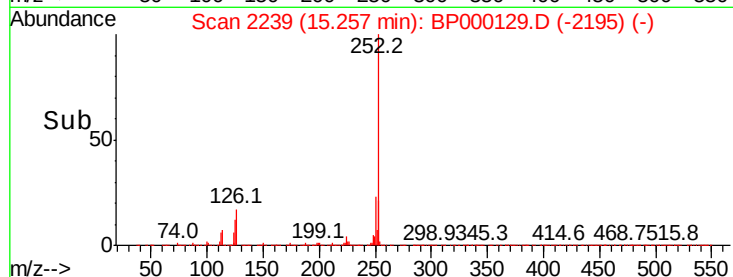
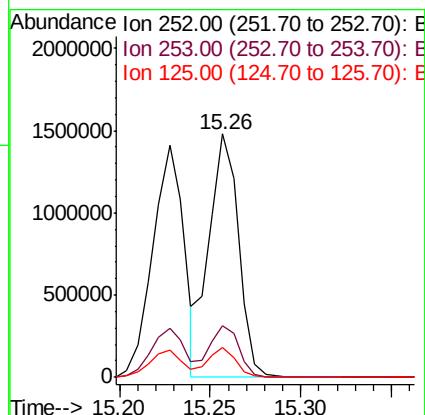
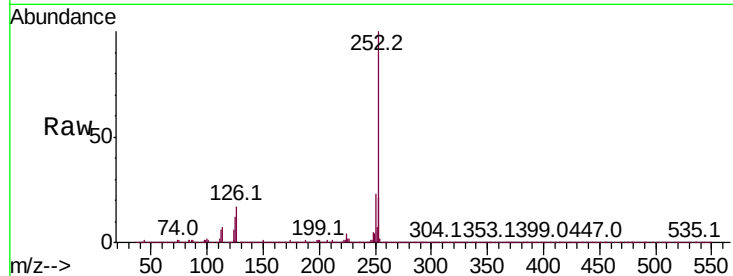




#89  
Benzo(k)fluoranthene  
Concen: 21.591 ng/ul  
RT: 15.26 min Scan# 2239  
Delta R.T. 0.06 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

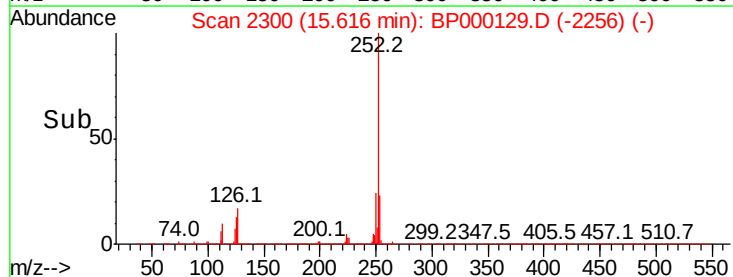
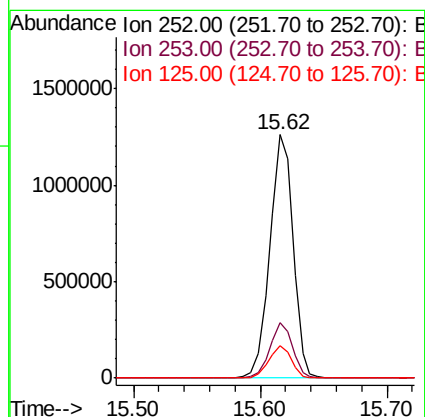
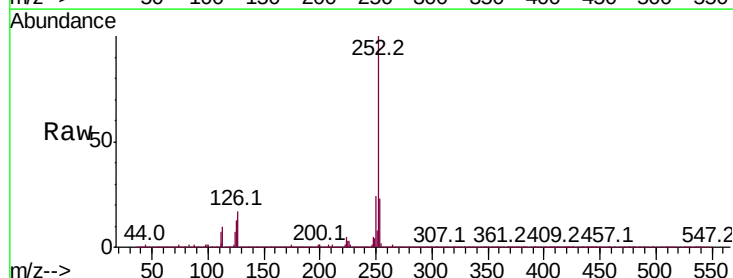
Instrument :  
BNA\_P  
ClientSampleId :

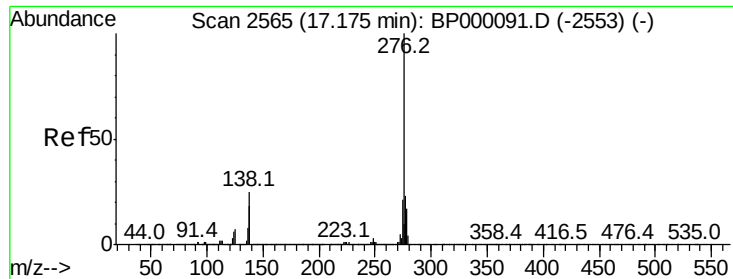
Tot Ion:252 Resp: 1669154  
Ion Ratio Lower Upper  
252 100  
253 21.3 18.0 27.0  
125 12.1 10.2 15.2



#91  
Benzo(a)pyrene  
Concen: 20.853 ng/ul  
RT: 15.62 min Scan# 2300  
Delta R.T. 0.06 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:252 Resp: 1604576  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.5 26.3  
125 13.4 10.2 15.2



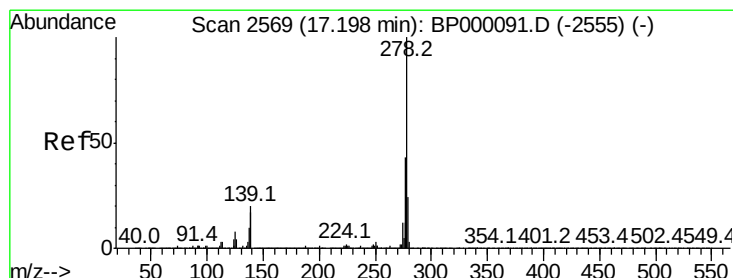
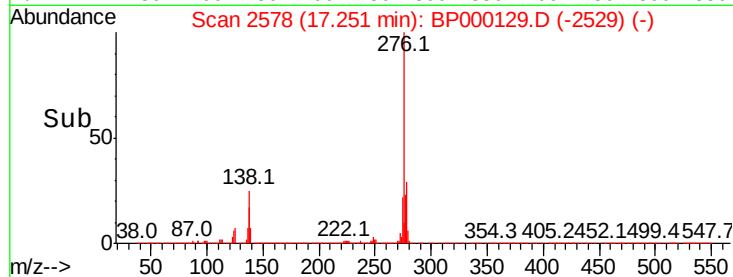
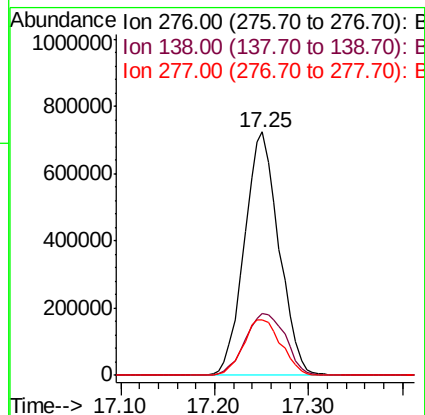
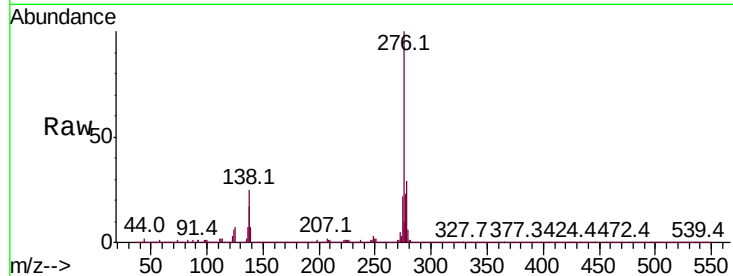


#92

Indeno(1,2,3-cd)pyrene  
Concen: 20.813 ng/ul  
RT: 17.25 min Scan# 2578  
Delta R.T. 0.09 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Instrument :  
BNA\_P  
ClientSampled :

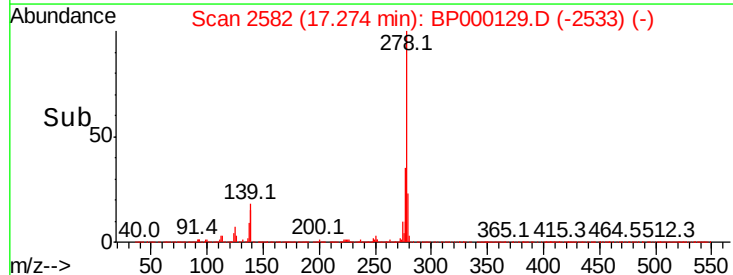
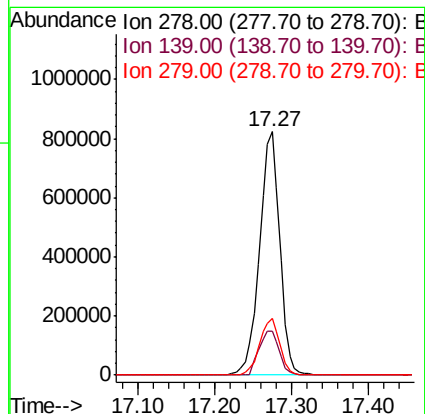
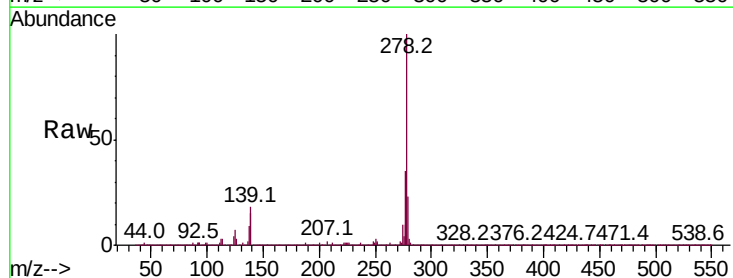
Tot Ion:276 Resp: 1842417  
Ion Ratio Lower Upper  
276 100  
138 25.4 20.0 30.0  
277 22.9 19.4 29.0



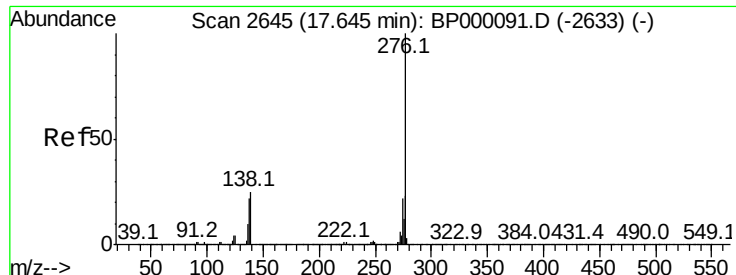
#93

Dibenzo(a,h)anthracene  
Concen: 20.683 ng/ul  
RT: 17.27 min Scan# 2582  
Delta R.T. 0.09 min  
Lab File: BP000129.D  
Acq: 09 Sep 2019 13:28

Tgt Ion:278 Resp: 1516520  
Ion Ratio Lower Upper  
278 100  
139 18.2 15.1 22.7  
279 23.3 19.2 28.8







#94

Benzo(a,h,i)perylene

Concen: 20.588 ng/ul

RT: 17.72 min Scan# 2658

Delta R.T. 0.09 min

Lab File: BP000129.D

Acq: 09 Sep 2019 13:28

Instrument :

BNA\_P

ClientSampleId :

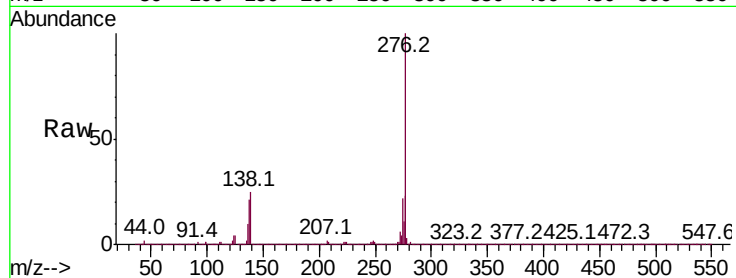
Tot Ion:276 Resp: 1519599

Ion Ratio Lower Upper

276 100

138 25.3 20.0 30.0

277 22.6 19.1 28.7



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

