

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\  
 Data File : BP000028.D  
 Acq On : 31 Aug 2019 03:21  
 Operator : HP/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 31 03:46:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 473503   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.18  | 136  | 1807054  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.94  | 164  | 949732   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.43 | 188  | 1679336  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.10 | 240  | 1317839  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.63 | 264  | 1428208  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.51  | 112  | 2373358  | 79.93 | ng    | 0.00     |
| 7) Phenol-d6                | 6.52  | 99   | 2969520  | 79.22 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.45  | 82   | 2360596  | 80.16 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.73 | 330  | 636157   | 79.47 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.26  | 172  | 4376642  | 76.96 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.04 | 244  | 4706172  | 77.84 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 2.67 | 88   | 532971   | 39.021 | ng    | 99     |
| 3) Pyridine                    | 3.45 | 79   | 1456667  | 39.585 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.39 | 42   | 453209   | 38.141 | ng    | 97     |
| 6) Aniline                     | 6.56 | 93   | 2099968  | 38.709 | ng    | 99     |
| 8) 2-Chlorophenol              | 6.68 | 128  | 1256185  | 40.914 | ng    | 99     |
| 9) Benzaldehyde                | 6.45 | 77   | 830735   | 35.938 | ng    | 98     |
| 10) Phenol                     | 6.53 | 94   | 1596701  | 38.338 | ng    | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.63 | 93   | 1288553  | 39.166 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.84 | 146  | 1452575  | 40.560 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.92 | 146  | 1464308  | 41.061 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146  | 1364198  | 41.634 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.03 | 79   | 1071438  | 38.984 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.17 | 45   | 1375530  | 38.879 | ng    | 99     |
| 17) 2-Methylphenol             | 7.14 | 107  | 1040791  | 39.470 | ng    | 99     |
| 18) Hexachloroethane           | 7.42 | 117  | 533588   | 40.342 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70   | 825378   | 38.689 | ng    | 100    |
| 20) 3+4-Methylphenols          | 7.29 | 107  | 1333546  | 40.549 | ng    | # 79   |
| 22) Acetophenone               | 7.30 | 105  | 1748724  | 40.402 | ng    | 100    |
| 24) Nitrobenzene               | 7.47 | 77   | 1265950  | 39.679 | ng    | 99     |
| 25) Isophorone                 | 7.71 | 82   | 2415523  | 38.819 | ng    | 100    |
| 26) 2-Nitrophenol              | 7.79 | 139  | 487948   | 39.273 | ng    | 92     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122  | 995192   | 39.694 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.92 | 93   | 1604502  | 39.653 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.03 | 162  | 1040214  | 40.349 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.12 | 180  | 1203705  | 40.956 | ng    | 99     |
| 31) Naphthalene                | 8.20 | 128  | 3476561  | 41.932 | ng    | 99     |
| 32) Benzoic acid               | 7.92 | 122  | 366544   | 26.227 | ng    | 98     |
| 33) 4-Chloroaniline            | 8.24 | 127  | 1560890  | 39.917 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.33 | 225  | 682829   | 41.233 | ng    | 99     |
| 35) Caprolactam                | 8.60 | 113  | 359779   | 39.242 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107  | 1103117  | 39.216 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.89 | 142  | 2399938  | 41.421 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 8.99 | 142  | 2258218  | 41.365 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 9.06 | 216  | 1101207  | 40.964 | ng    | 99     |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Aug 31 03:46:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 30 17:47:17 2019  
 Response via : Initial Calibration

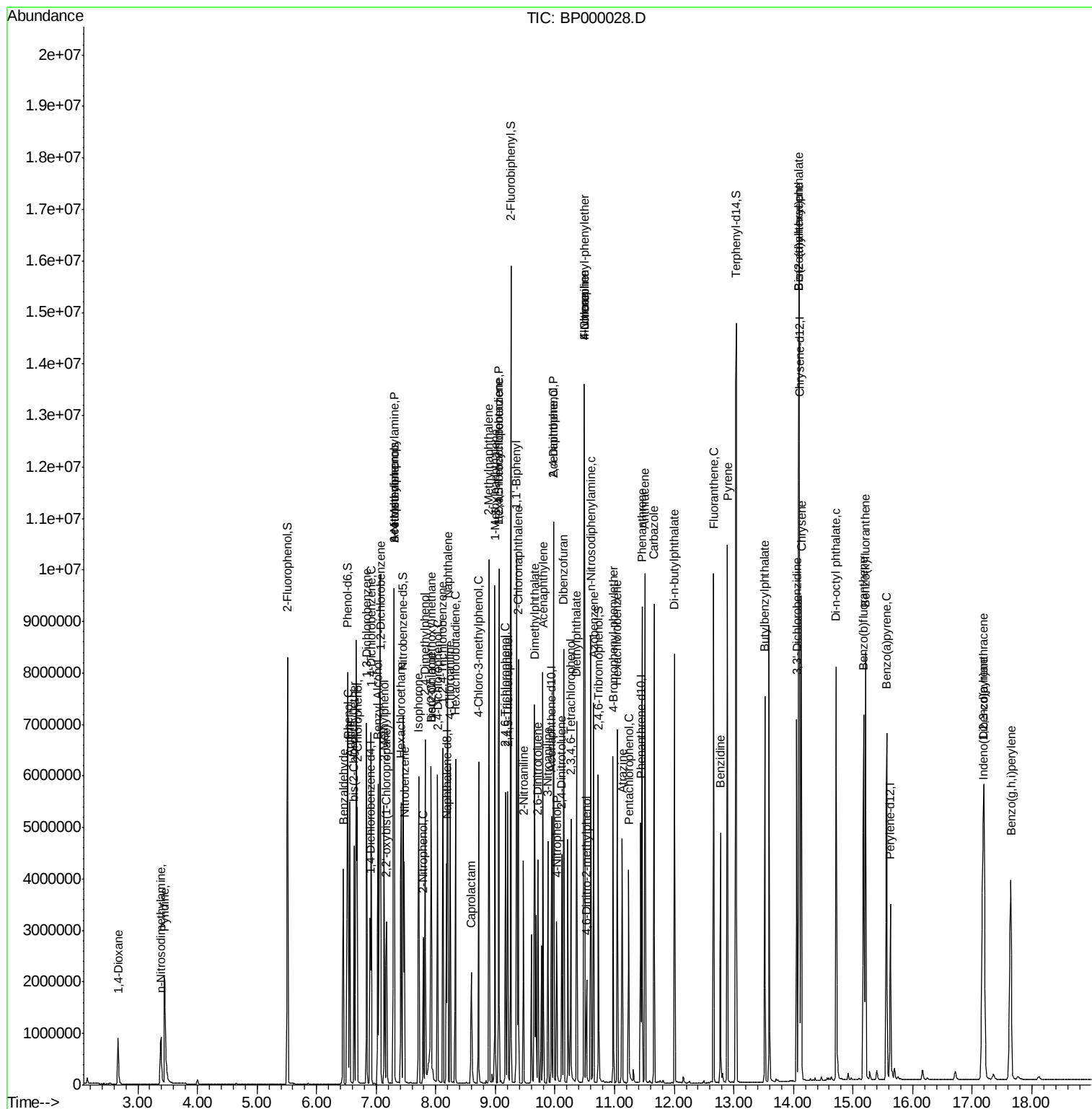
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 9.06  | 237  | 587574   | 39.697 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 9.17  | 196  | 734517   | 39.622 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 9.20  | 196  | 768209   | 39.606 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 9.36  | 154  | 2772786  | 41.356 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 9.38  | 162  | 2267697  | 40.745 | ng    | 98       |
| 48) 2-Nitroaniline             | 9.47  | 65   | 596225   | 39.661 | ng    | 93       |
| 49) Acenaphthylene             | 9.80  | 152  | 3395621  | 41.117 | ng    | 99       |
| 50) Dimethylphthalate          | 9.66  | 163  | 2625296  | 40.564 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 9.72  | 165  | 560536   | 40.804 | ng    | 94       |
| 52) Acenaphthene               | 9.97  | 154  | 2117056  | 40.854 | ng    | 100      |
| 53) 3-Nitroaniline             | 9.88  | 138  | 657681   | 40.076 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 9.98  | 184  | 162591   | 36.808 | ng    | # 1      |
| 55) Dibenzofuran               | 10.15 | 168  | 3075620  | 41.797 | ng    | 97       |
| 56) 4-Nitrophenol              | 10.03 | 139  | 465497   | 39.685 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 10.12 | 165  | 713983   | 40.712 | ng    | 92       |
| 58) Fluorene                   | 10.49 | 166  | 2238913  | 40.428 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 10.26 | 232  | 597353   | 40.675 | ng    | 99       |
| 60) Diethylphthalate           | 10.36 | 149  | 2608787  | 40.271 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 10.49 | 204  | 1156232  | 40.168 | ng    | 99       |
| 62) 4-Nitroaniline             | 10.50 | 138  | 616054   | 39.356 | ng    | 98       |
| 63) Azobenzene                 | 10.65 | 77   | 2419166  | 38.997 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 235376   | 38.284 | ng    | 88       |
| 66) n-Nitrosodiphenylamine     | 10.60 | 169  | 2066749  | 41.424 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 10.97 | 248  | 695456   | 40.750 | ng    | # 91     |
| 68) Hexachlorobenzene          | 11.05 | 284  | 756079   | 40.659 | ng    | # 90     |
| 69) Atrazine                   | 11.13 | 200  | 516008   | 38.458 | ng    | 99       |
| 70) Pentachlorophenol          | 11.23 | 266  | 407743   | 40.466 | ng    | 99       |
| 71) Phenanthrene               | 11.46 | 178  | 3461378  | 41.354 | ng    | 99       |
| 72) Anthracene                 | 11.51 | 178  | 3449275  | 41.716 | ng    | 99       |
| 73) Carbazole                  | 11.66 | 167  | 3203621  | 41.048 | ng    | 100      |
| 74) Di-n-butylphthalate        | 12.00 | 149  | 3896273  | 41.172 | ng    | 100      |
| 75) Fluoranthene               | 12.66 | 202  | 3813457  | 41.926 | ng    | 100      |
| 77) Benzidine                  | 12.77 | 184  | 1562929  | 34.374 | ng    | 97       |
| 78) Pyrene                     | 12.89 | 202  | 3882192  | 40.044 | ng    | 100      |
| 80) Butylbenzylphthalate       | 13.52 | 149  | 1663094  | 38.501 | ng    | # 88     |
| 81) Benzo(a)anthracene         | 14.09 | 228  | 3394030  | 39.745 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 14.05 | 252  | 1254436  | 39.819 | ng    | 99       |
| 83) Chrysene                   | 14.13 | 228  | 3244037  | 40.162 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 14.09 | 149  | 2218363  | 39.463 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 14.72 | 149  | 3914562  | 39.517 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 17.17 | 276  | 3954951  | 39.075 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 15.17 | 252  | 3530522  | 40.470 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 15.21 | 252  | 3309217  | 41.452 | ng    | 100      |
| 90) Benzo(a)pyrene             | 15.56 | 252  | 3228550  | 40.998 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 17.20 | 278  | 3231454  | 41.033 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 17.65 | 276  | 3145618  | 40.356 | ng    | 99       |

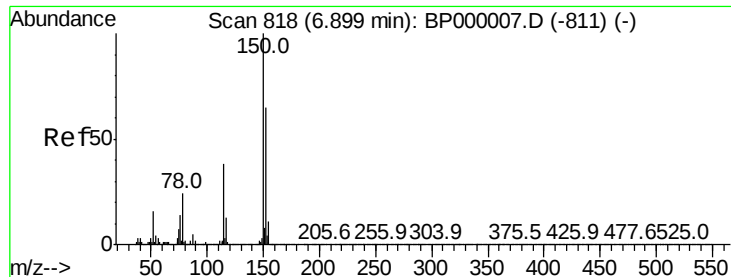
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP083019\  
 Data File : BP000028.D  
 Acq On : 31 Aug 2019 03:21  
 Operator : HP/JU  
 Sample : SSTCCCC040  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

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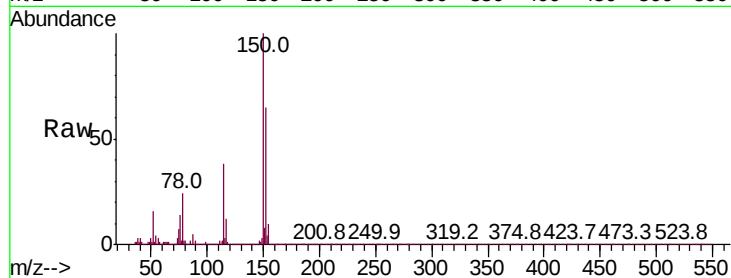


#1

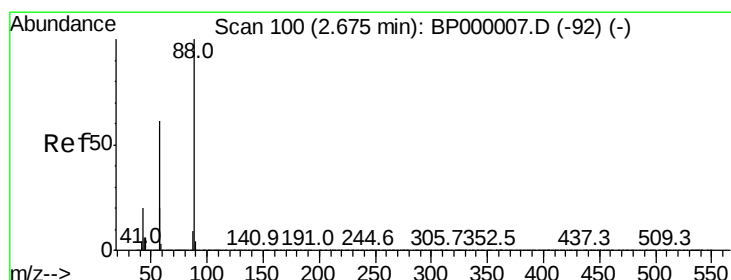
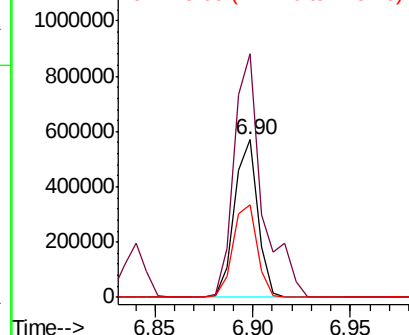
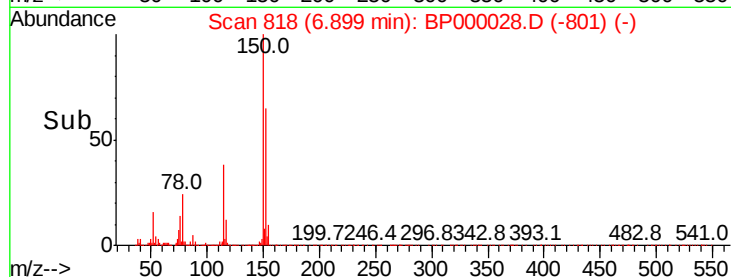
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.90 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:152 Resp: 473503  
Ion Ratio Lower Upper  
152 100  
150 154.5 123.0 184.6  
115 58.8 46.7 70.1



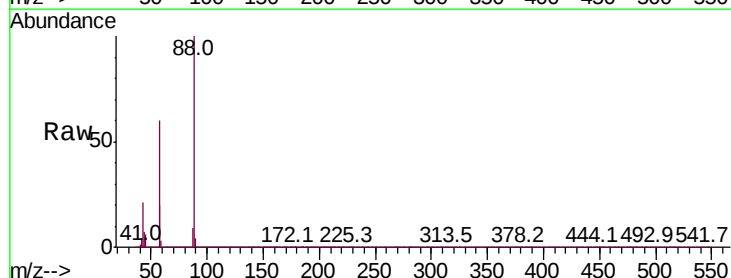
Abundance Ion 152.00 (151.70 to 152.70): E  
1200000  
Ion 150.00 (149.70 to 150.70): E  
1000000  
Ion 115.00 (114.70 to 115.70): E



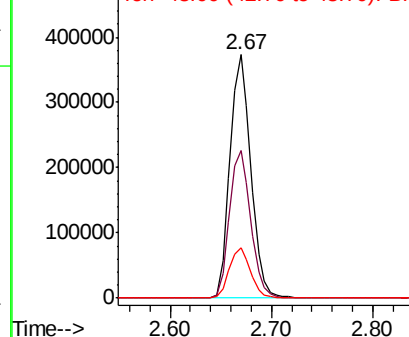
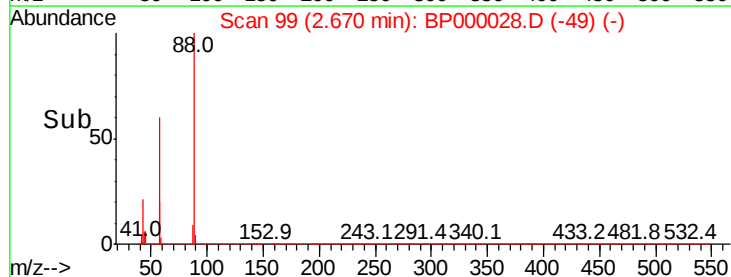
#2

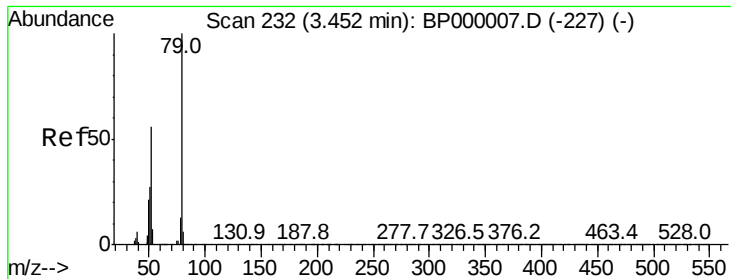
1,4-Dioxane  
Concen: 39.021 ng  
RT: 2.67 min Scan# 99  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion: 88 Resp: 532971  
Ion Ratio Lower Upper  
88 100  
58 61.5 49.8 74.8  
43 20.5 16.9 25.3



Abundance Ion 88.00 (87.70 to 88.70): BP0  
500000  
Ion 58.00 (57.70 to 58.70): BP0  
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 39.585 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

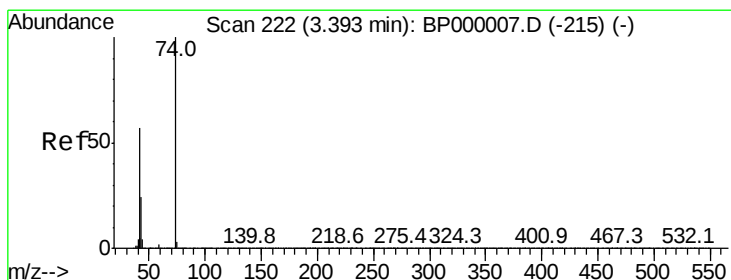
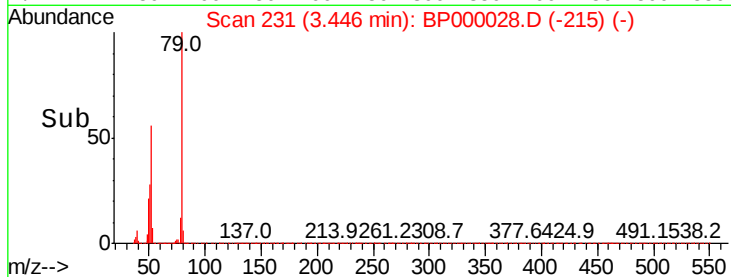
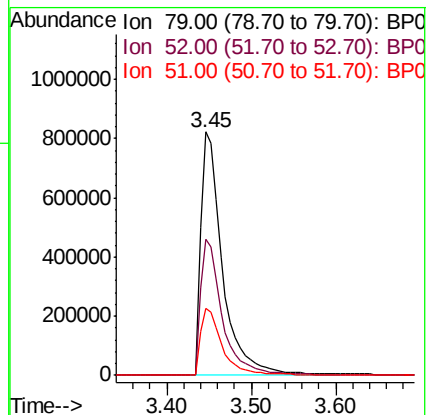
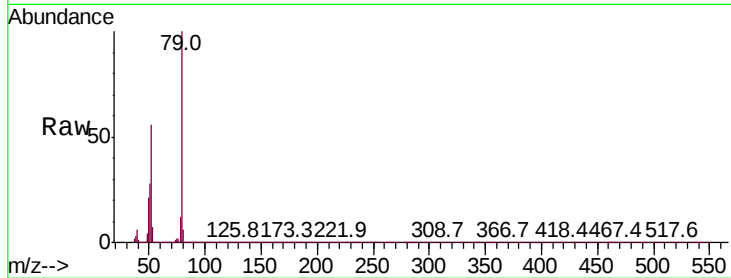
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 79 Resp: 1456667

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 55.7  | 44.5  | 66.7  |
| 51  | 27.6  | 21.8  | 32.6  |



#4

n-Nitrosodimethylamine

Concen: 38.141 ng

RT: 3.39 min Scan# 221

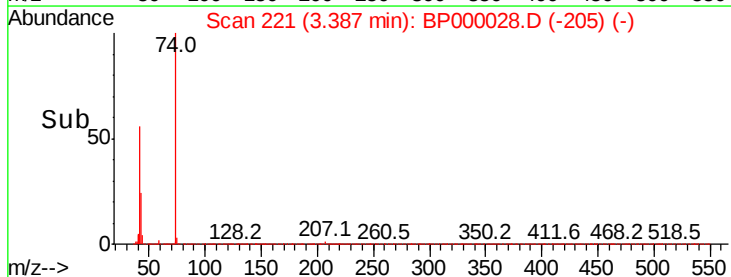
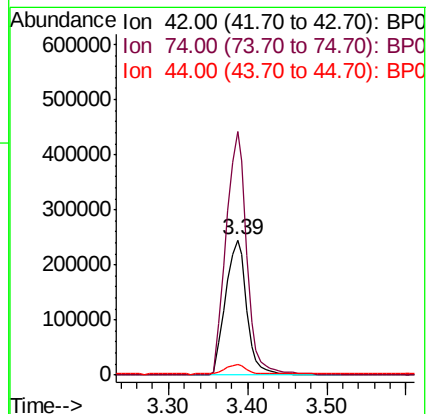
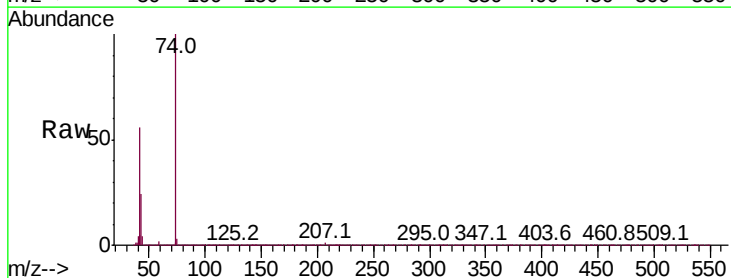
Delta R.T. -0.01 min

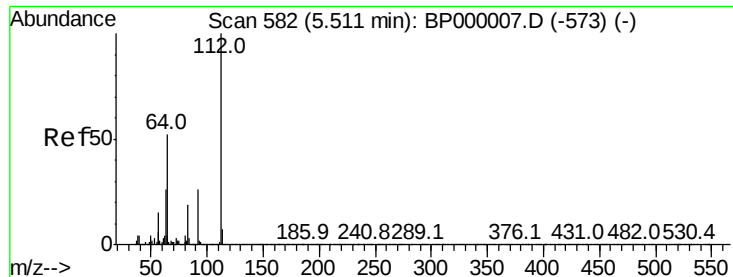
Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion: 42 Resp: 453209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 179.8 | 139.9 | 209.9 |
| 44  | 7.7   | 6.9   | 10.3  |





#5

2-Fluorophenol

Concen: 79.928 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

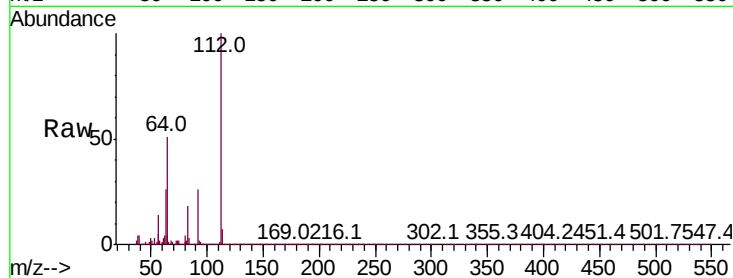
Tot Ion:112 Resp: 2373358

Ion Ratio Lower Upper

112 100

64 51.2 41.8 62.8

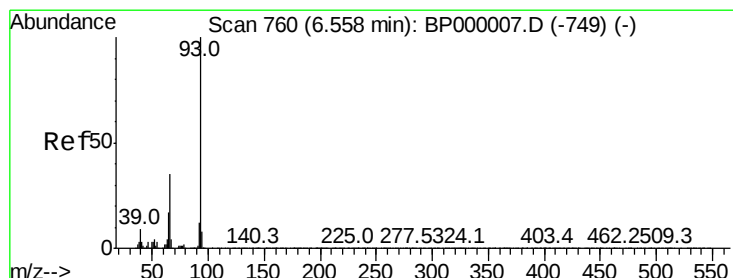
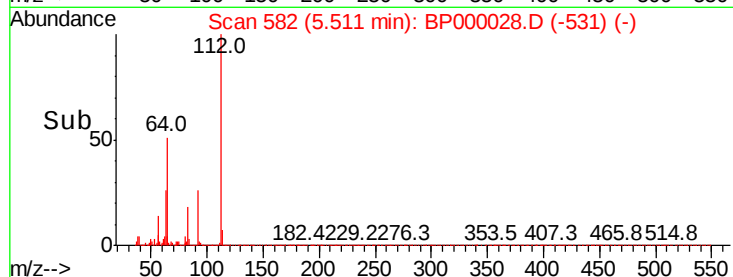
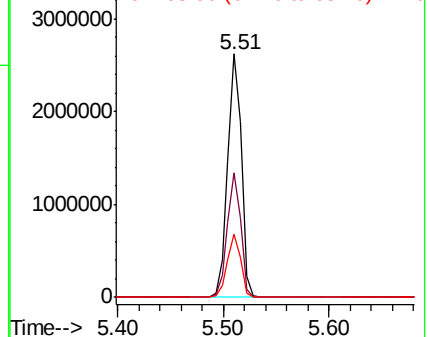
63 25.8 21.0 31.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 38.709 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

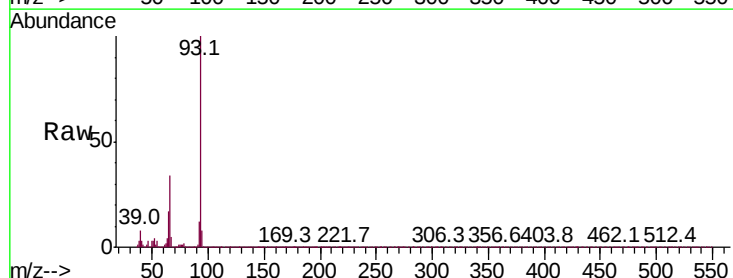
Tgt Ion: 93 Resp: 2099968

Ion Ratio Lower Upper

93 100

66 34.3 27.8 41.8

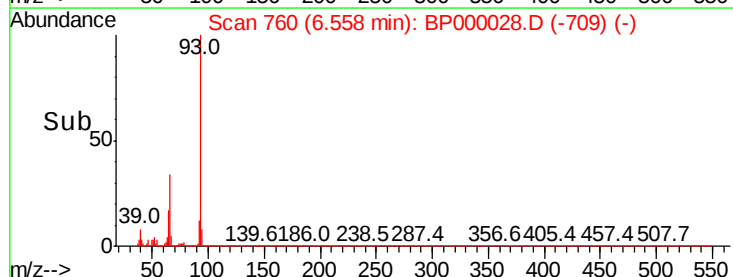
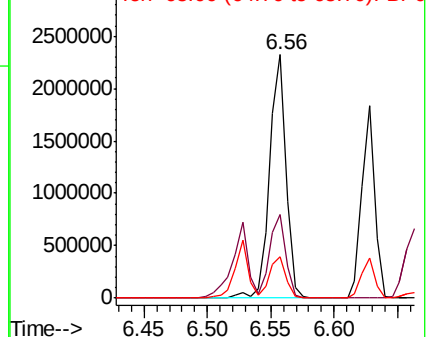
65 17.2 13.9 20.9

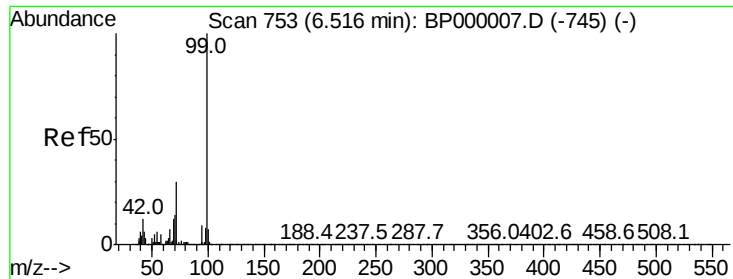


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 79.217 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

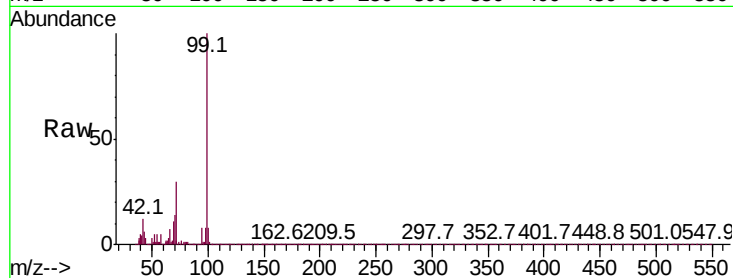
Instrument :

BNA\_P

ClientSampleId :

Tot Ion: 99 Resp: 2969520

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 12.4  | 9.8   | 14.8  |
| 71  | 29.6  | 23.8  | 35.8  |

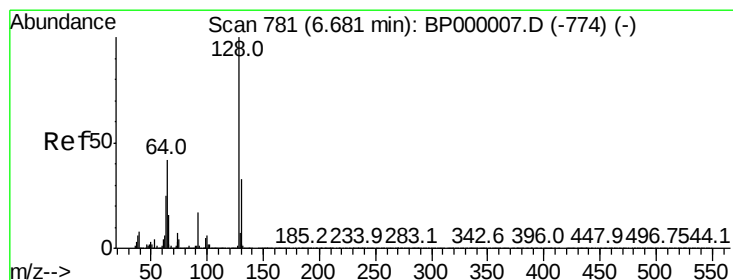
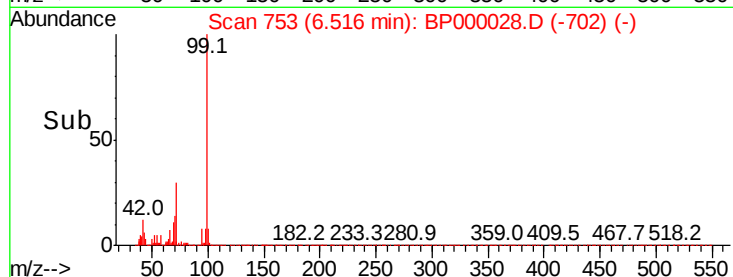
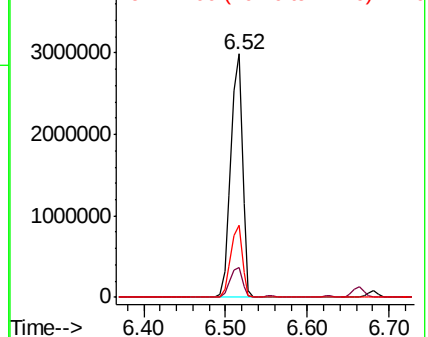


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 40.914 ng

RT: 6.68 min Scan# 781

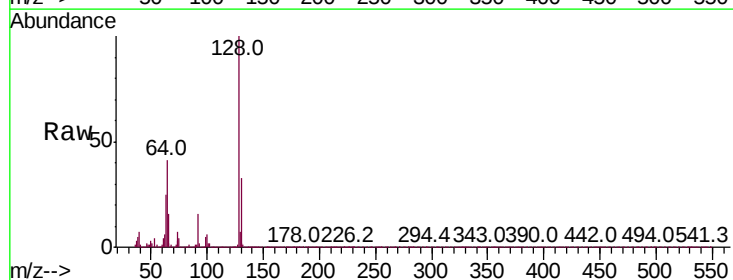
Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion: 128 Resp: 1256185

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.5  | 13.0  | 53.0  |
| 64  | 40.9  | 22.0  | 62.0  |

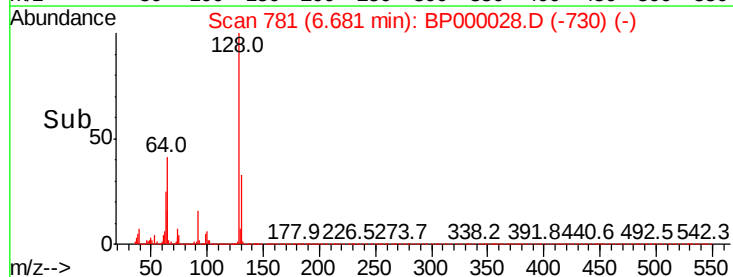
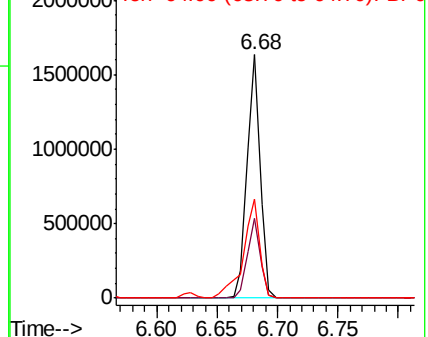


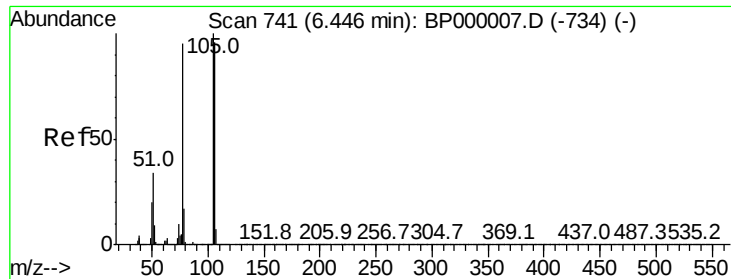
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 35.938 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

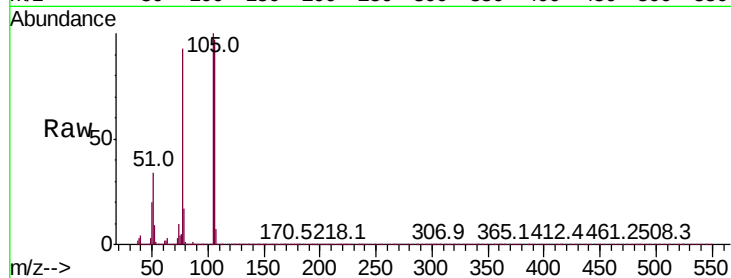
Tot Ion: 77 Resp: 830735

Ion Ratio Lower Upper

77 100

105 107.0 85.1 125.1

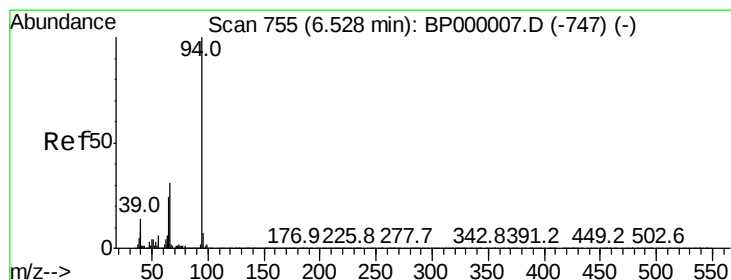
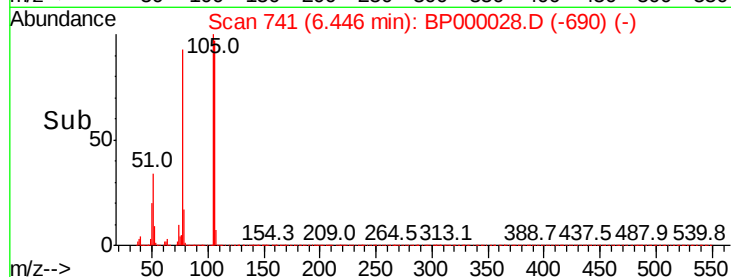
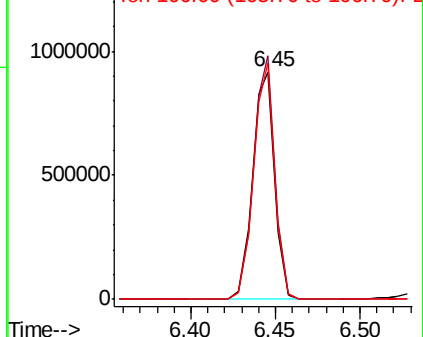
106 103.9 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 38.338 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

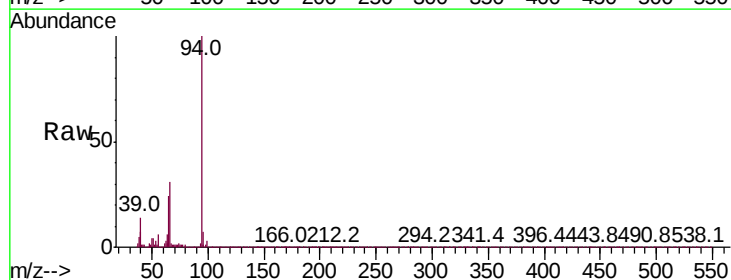
Tgt Ion: 94 Resp: 1596701

Ion Ratio Lower Upper

94 100

65 23.7 4.1 44.1

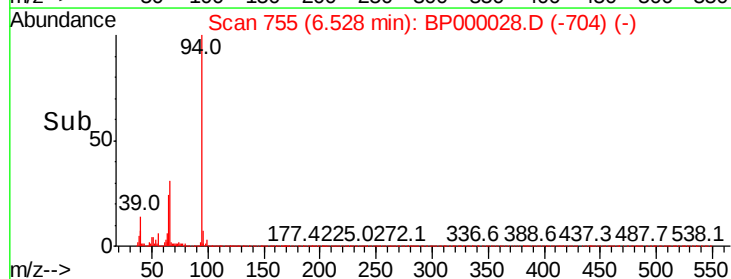
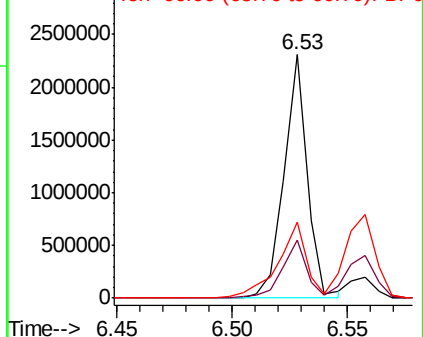
66 31.4 11.4 51.4

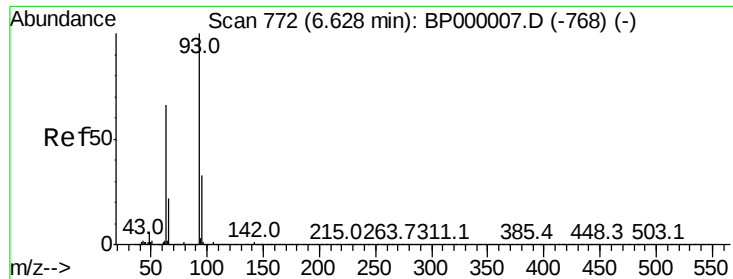


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 39.166 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

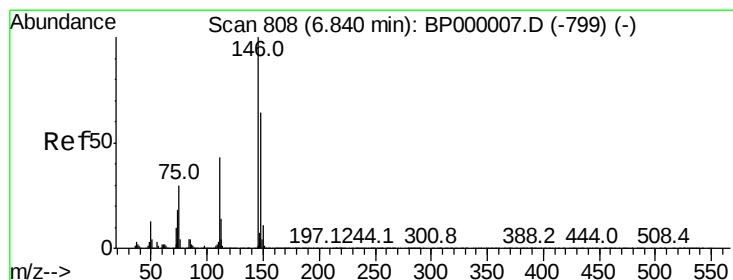
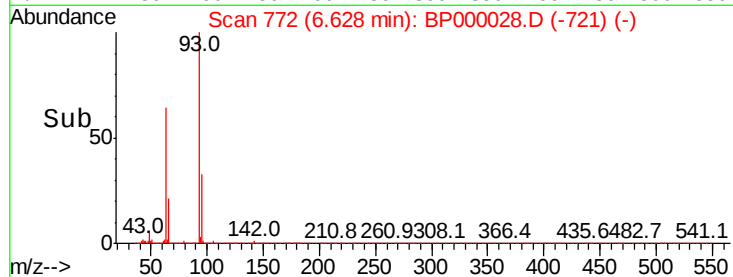
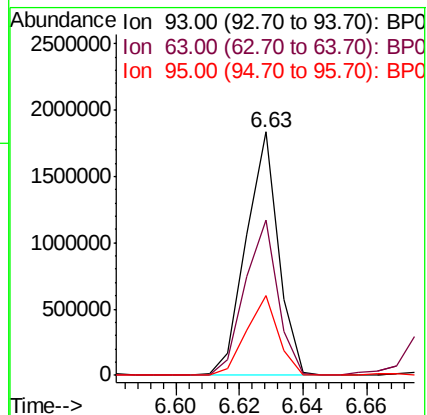
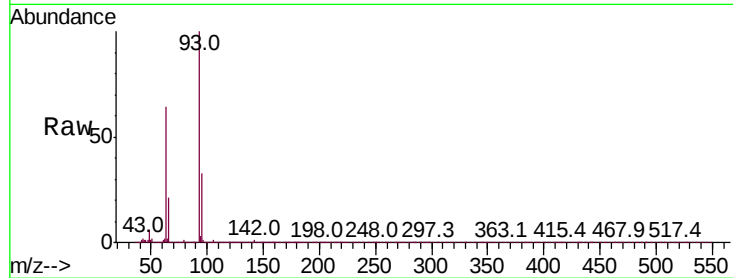
Tot Ion: 93 Resp: 1288553

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 63.9  | 46.0  | 86.0  |
| 95  | 32.8  | 12.7  | 52.7  |

93 100

63 63.9 46.0 86.0

95 32.8 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.560 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

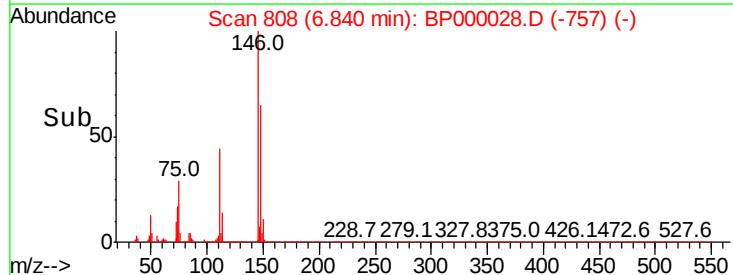
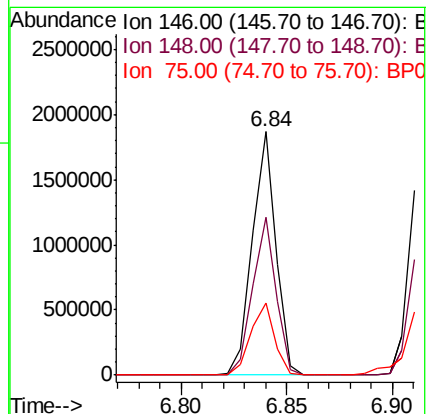
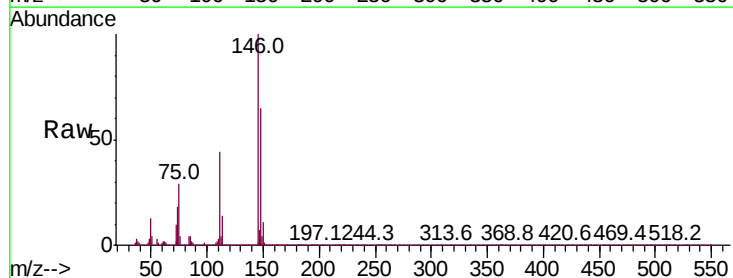
Tgt Ion: 146 Resp: 1452575

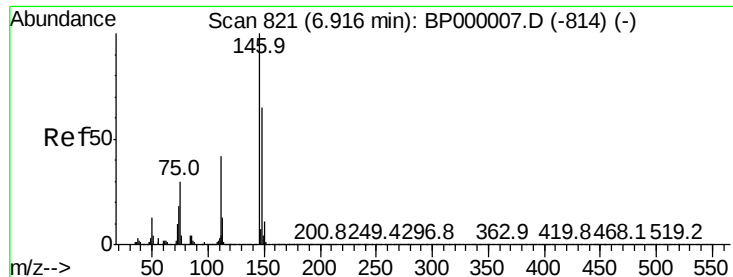
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.6  | 51.4  | 77.2  |
| 75  | 29.5  | 24.0  | 36.0  |

146 100

148 64.6 51.4 77.2

75 29.5 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 41.061 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

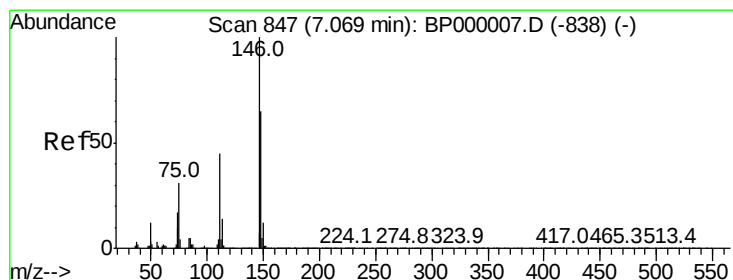
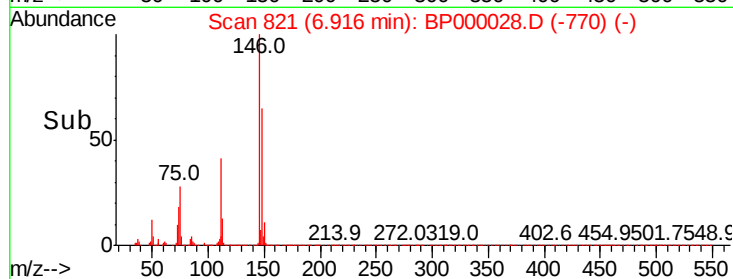
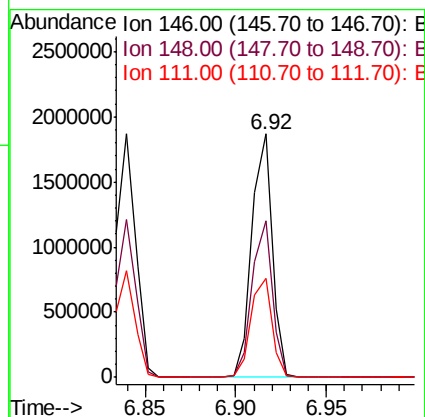
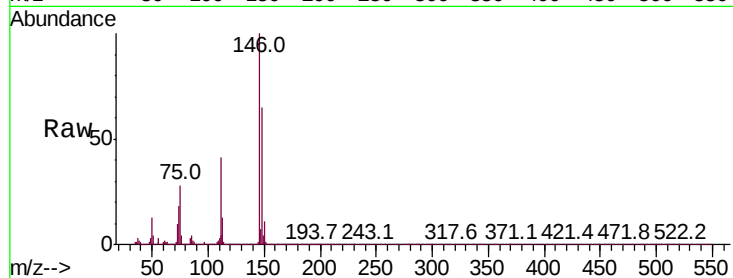
Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:146 Resp: 1464308

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.6  | 51.6  | 77.4  |
| 111 | 40.5  | 33.4  | 50.0  |



#14

1,2-Dichlorobenzene

Concen: 41.634 ng

RT: 7.07 min Scan# 847

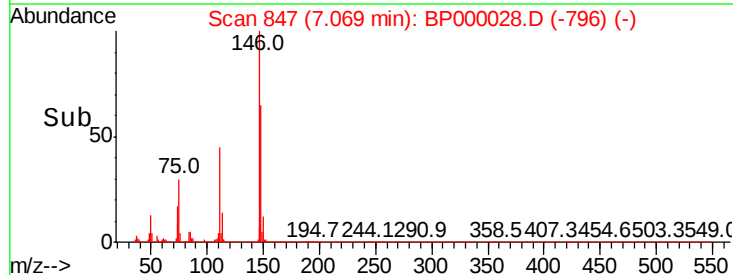
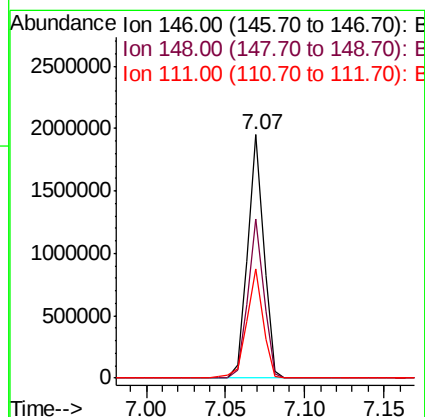
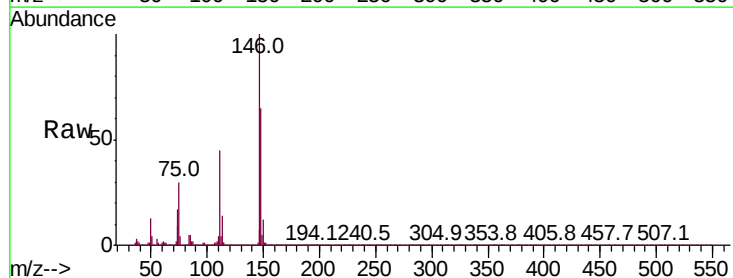
Delta R.T. -0.00 min

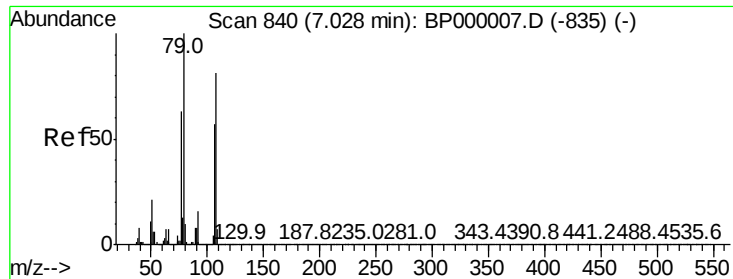
Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:146 Resp: 1364198

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 65.2  | 51.8  | 77.8  |
| 111 | 44.6  | 36.4  | 54.6  |





#15

Benzyl Alcohol

Concen: 38.984 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

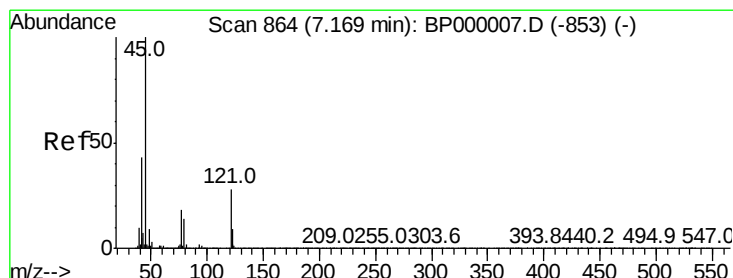
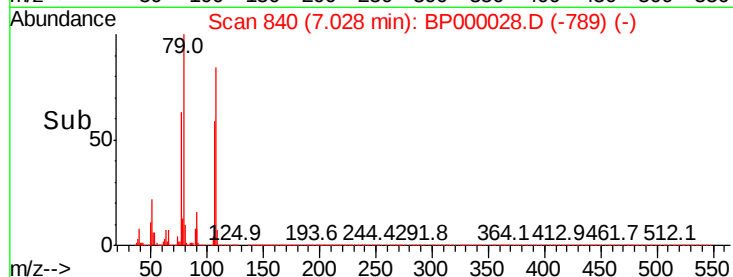
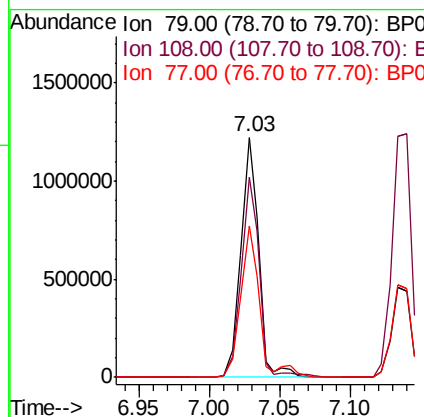
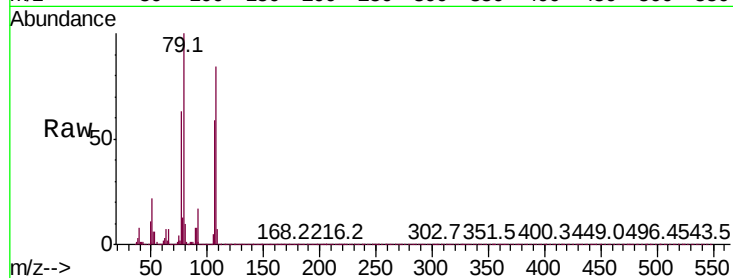
Tot Ion: 79 Resp: 1071438

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 83.5  | 64.5  | 96.7  |
| 77  | 63.3  | 50.3  | 75.5  |

79 100

108 83.5 64.5 96.7

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.879 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

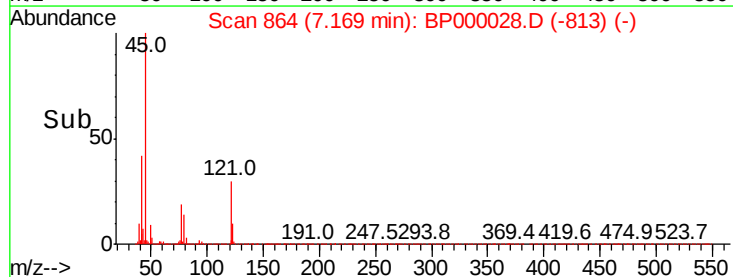
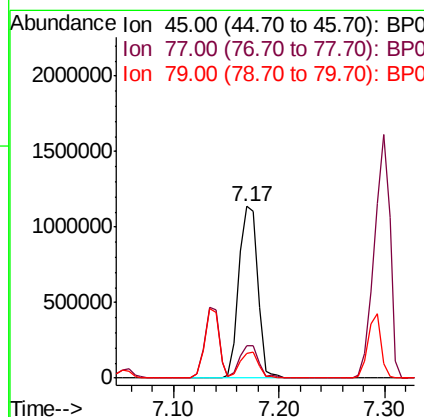
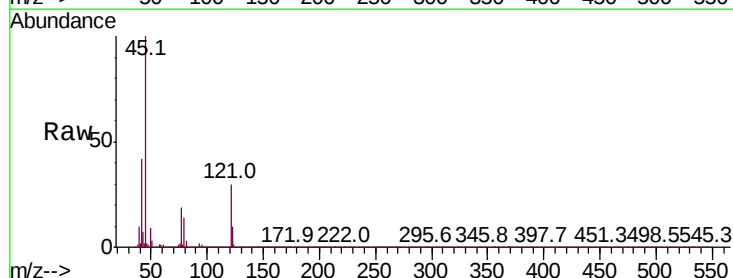
Tgt Ion: 45 Resp: 1375530

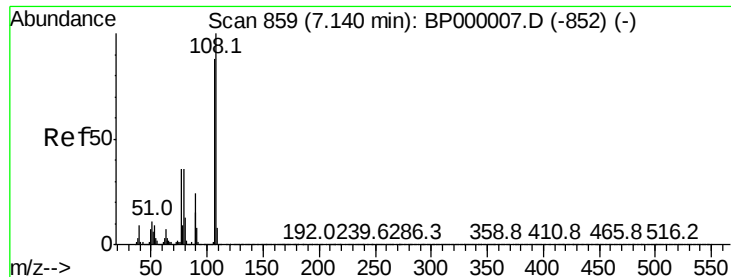
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 18.6  | 0.0   | 38.0  |
| 79  | 14.1  | 0.0   | 33.9  |

45 100

77 18.6 0.0 38.0

79 14.1 0.0 33.9





#17

2-Methylphenol

Concen: 39.470 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

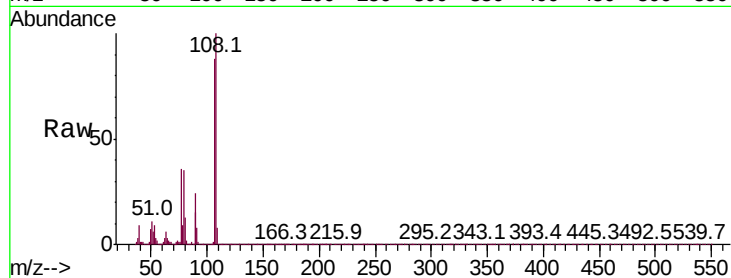
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:107 Resp: 1040791

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 113.9 | 90.9  | 136.3 |
| 77  | 41.3  | 33.2  | 49.8  |
| 79  | 40.2  | 32.8  | 49.2  |

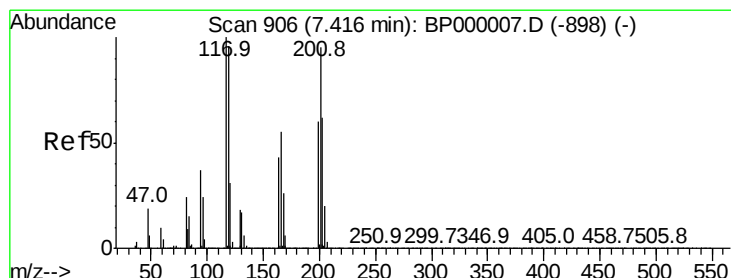
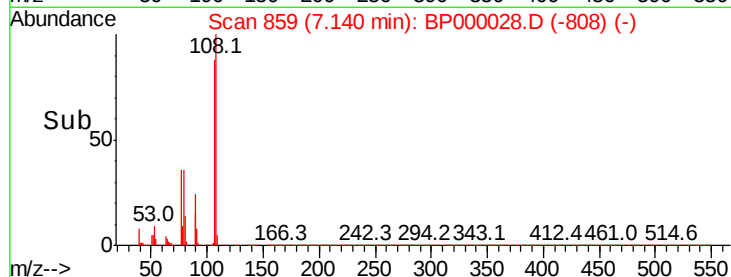


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 40.342 ng

RT: 7.42 min Scan# 906

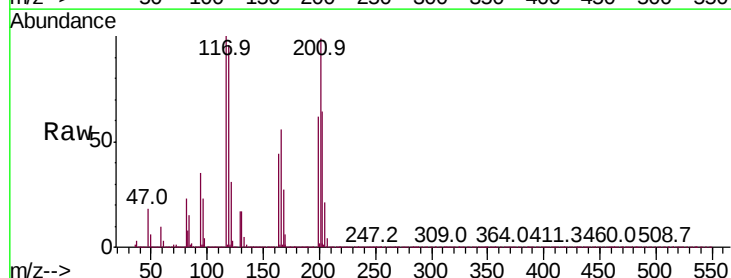
Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:117 Resp: 533588

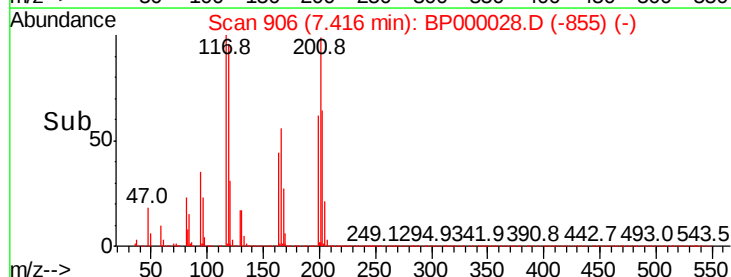
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.2  | 77.0  | 115.6 |
| 201 | 99.4  | 76.2  | 114.4 |

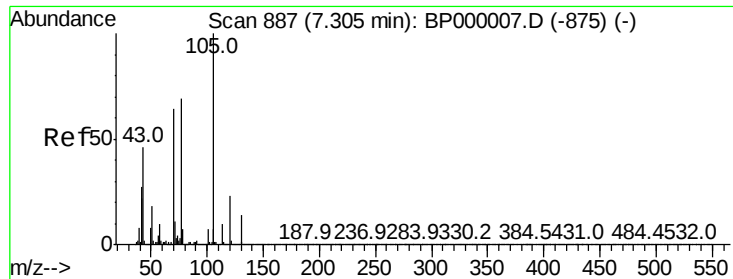


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

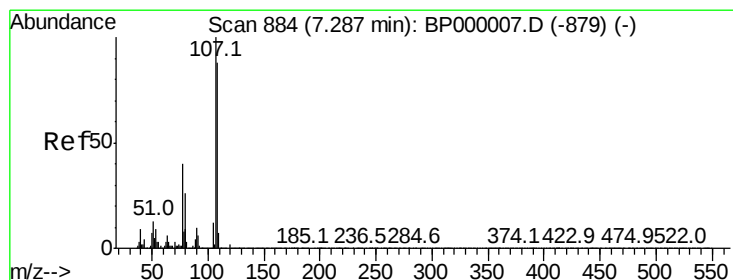
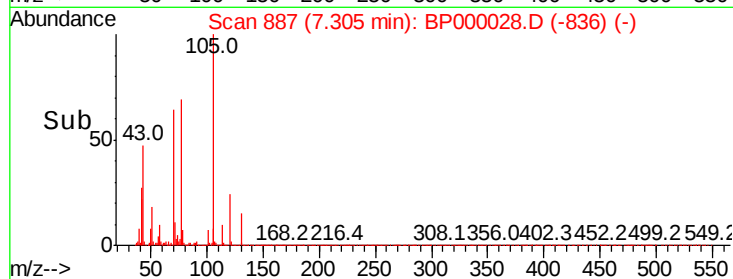
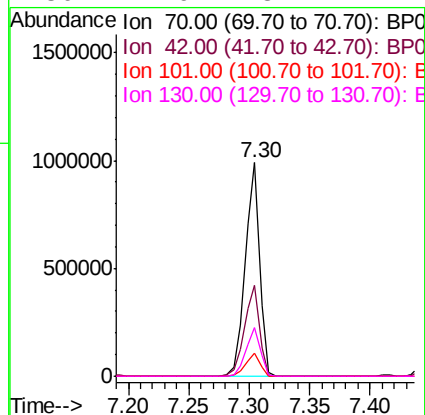
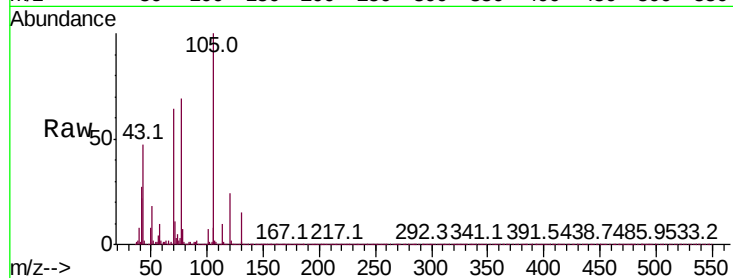




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.689 ng  
RT: 7.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

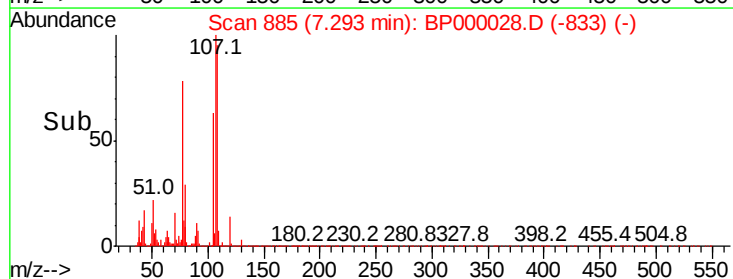
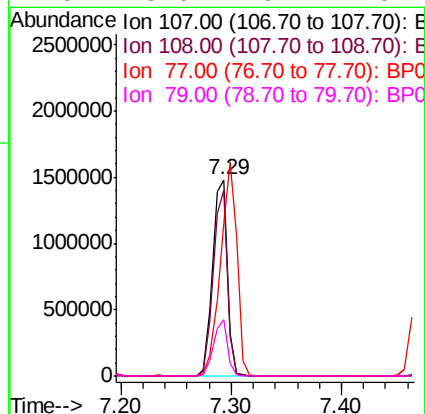
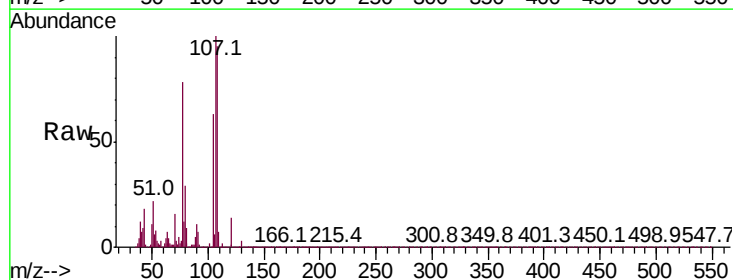
Instrument :  
BNA\_P  
ClientSampleId :

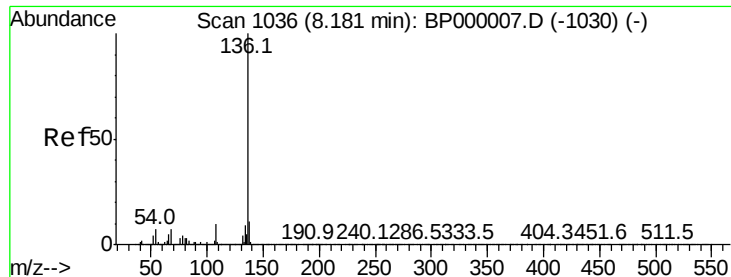
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 825378 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 42.4  | 33.8  | 50.6   |
| 101      | 10.9  | 8.7   | 13.1   |
| 130      | 22.9  | 18.1  | 27.1   |



#20  
3+4-Methylphenols  
Concen: 40.549 ng  
RT: 7.29 min Scan# 885  
Delta R.T. 0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1333546 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 94.7  | 68.1  | 108.1   |
| 77       | 78.0  | 19.8  | 59.8    |
| 79       | 28.9  | 6.1   | 46.1    |



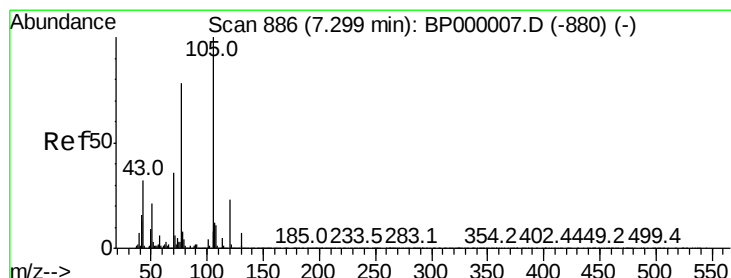
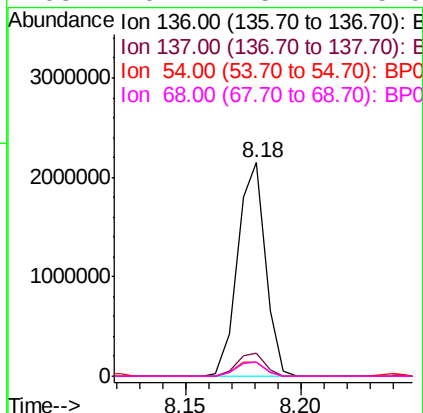
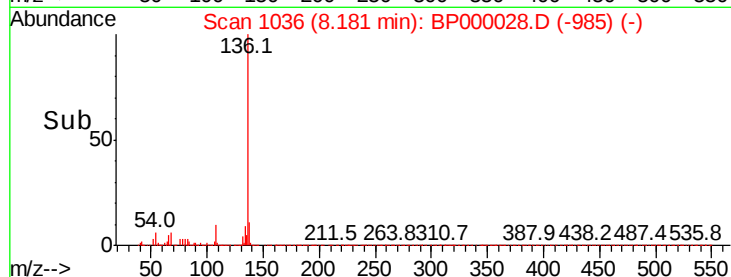
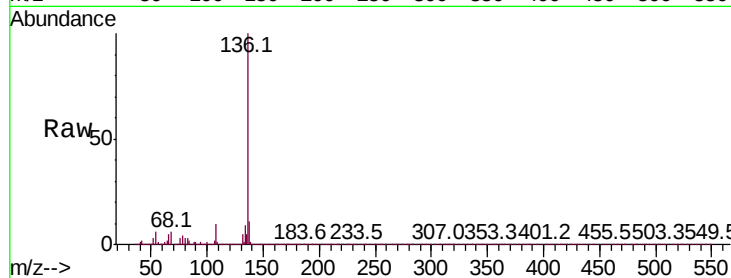


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.18 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:136 Resp: 1807054

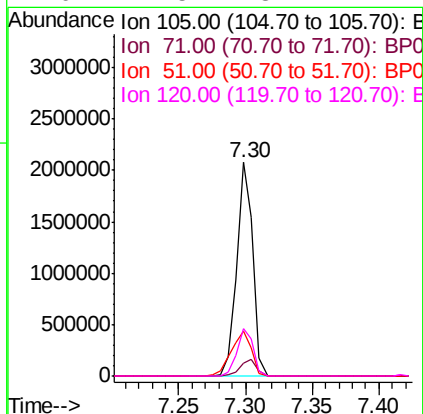
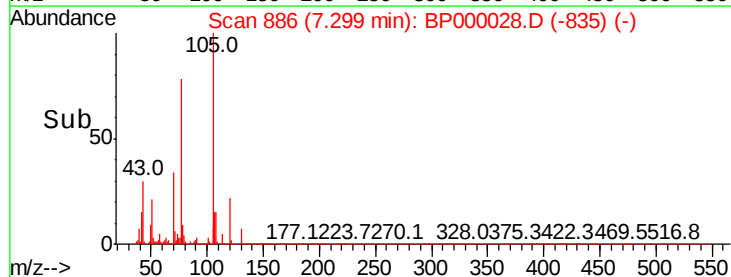
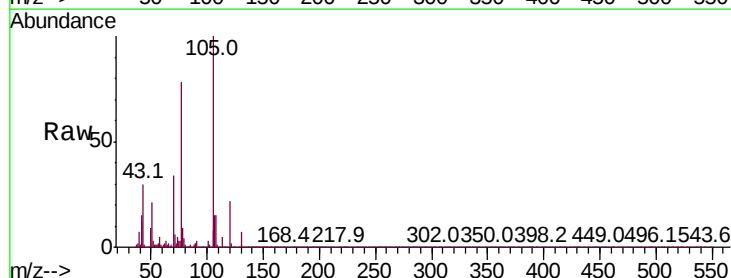
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 13.0  |
| 54  | 6.4   | 5.4   | 8.2   |
| 68  | 6.4   | 5.4   | 8.0   |

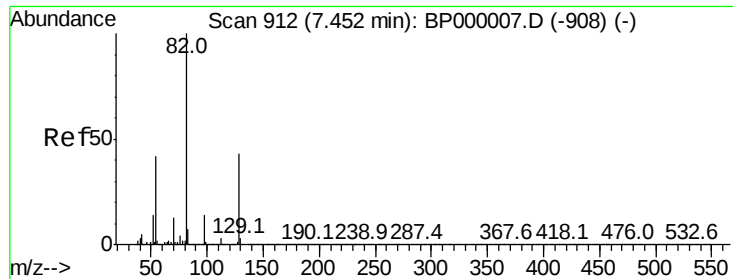


#22  
Acetophenone  
Concen: 40.402 ng  
RT: 7.30 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion:105 Resp: 1748724

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 5.8   | 4.8   | 7.2   |
| 51  | 21.1  | 17.0  | 25.4  |
| 120 | 22.5  | 18.1  | 27.1  |



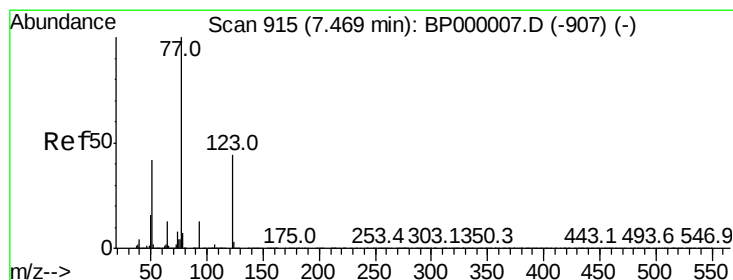
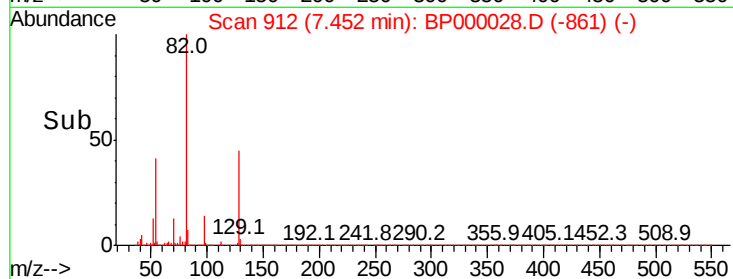
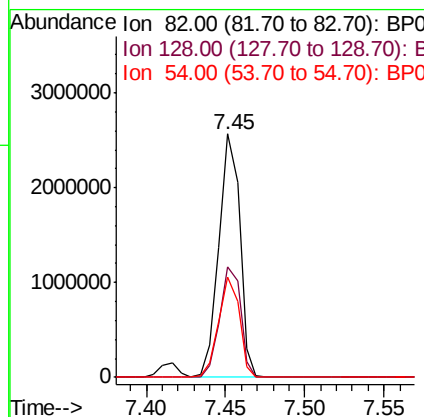
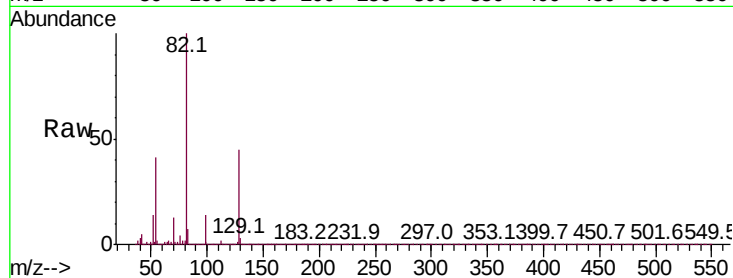


#23  
 Nitrobenzene-d5  
 Concen: 80.156 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion: 82 Resp: 2360596  

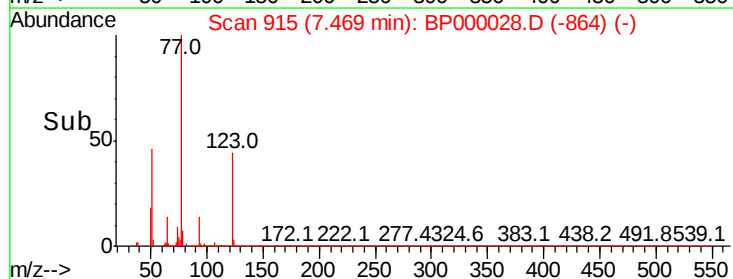
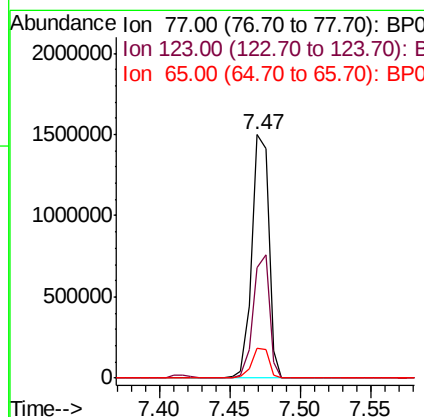
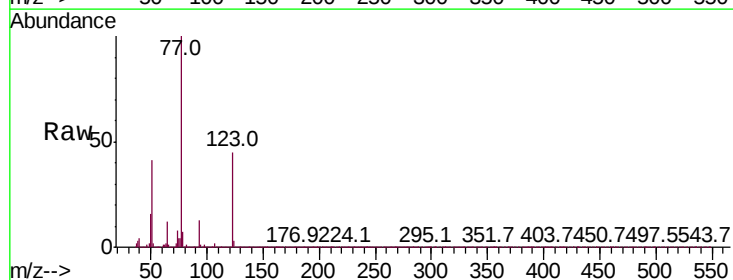
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.2  | 34.5  | 51.7  |
| 54  | 41.1  | 33.2  | 49.8  |

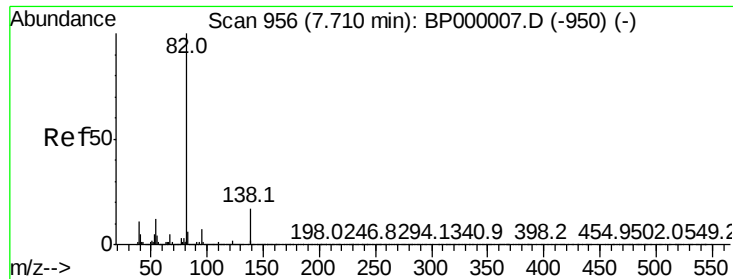


#24  
 Nitrobenzene  
 Concen: 39.679 ng  
 RT: 7.47 min Scan# 915  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Tgt Ion: 77 Resp: 1265950  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.2  | 35.8  | 53.8  |
| 65  | 12.5  | 10.1  | 15.1  |





#25

Isophorone

Concen: 38.819 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

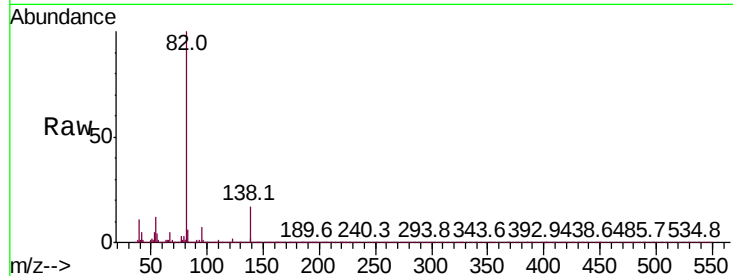
Tot Ion: 82 Resp: 2415523

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

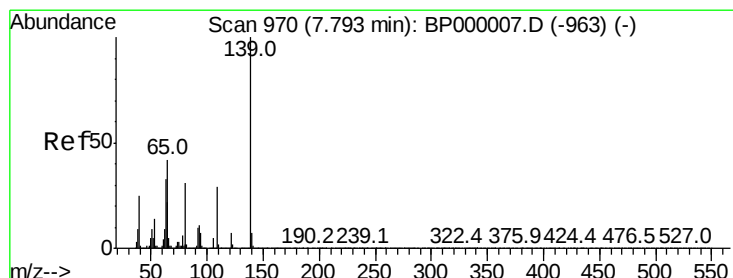
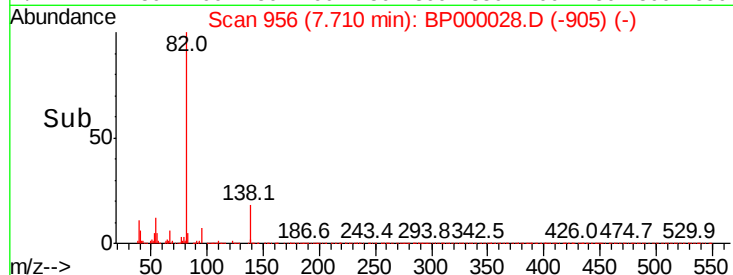
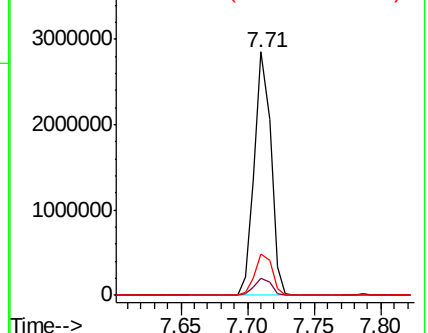
138 17.2 13.8 20.6



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): BP0



#26

2-Nitrophenol

Concen: 39.273 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

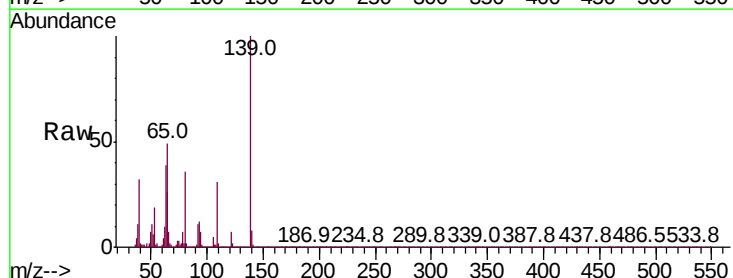
Tgt Ion: 139 Resp: 487948

Ion Ratio Lower Upper

139 100

109 30.8 23.4 35.0

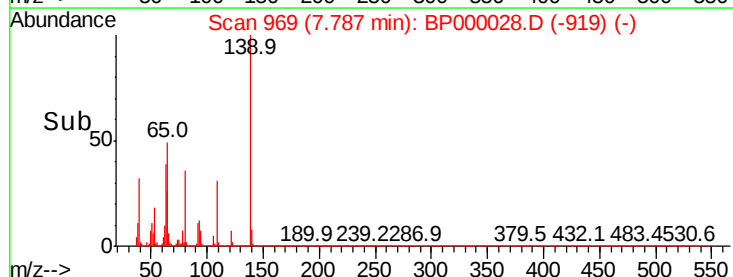
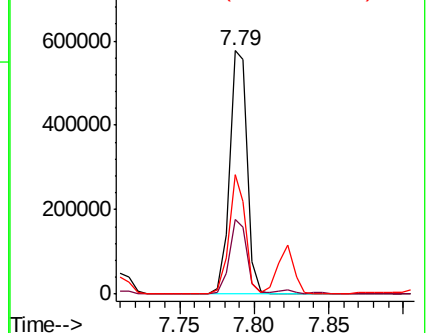
65 49.2 33.4 50.0

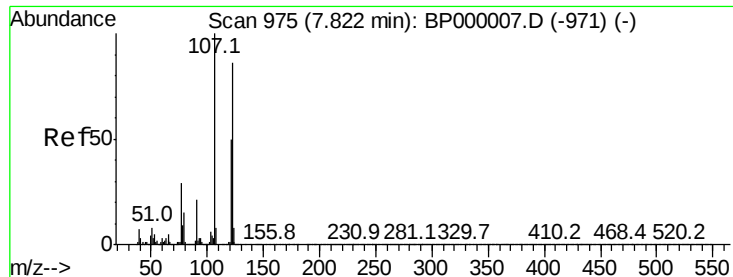


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

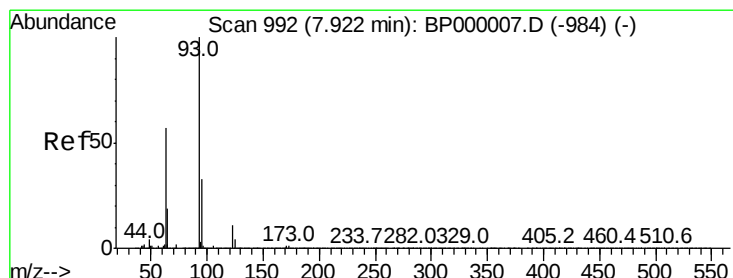
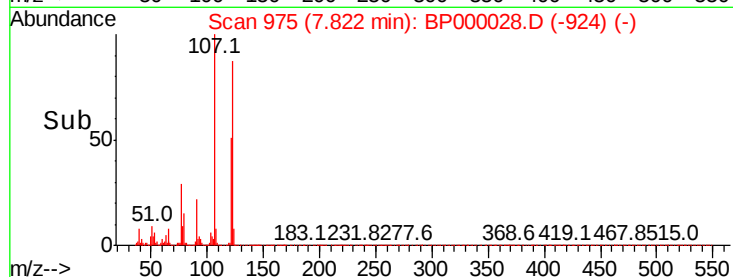
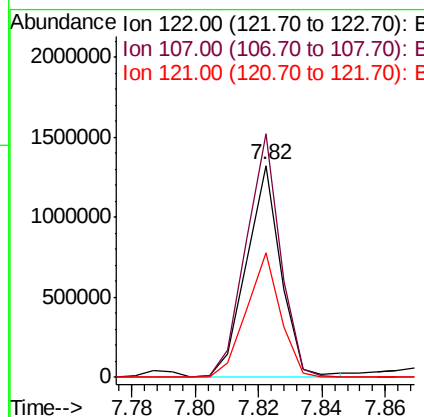
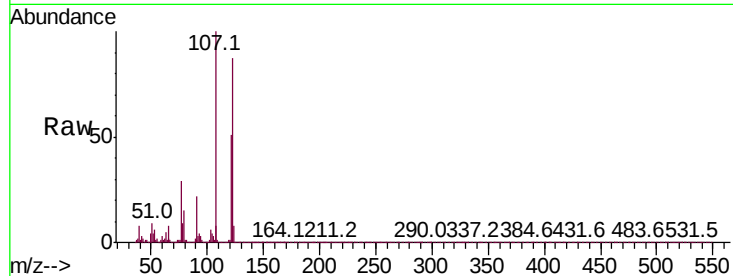




#27  
2,4-Dimethylphenol  
Concen: 39.694 ng  
RT: 7.82 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

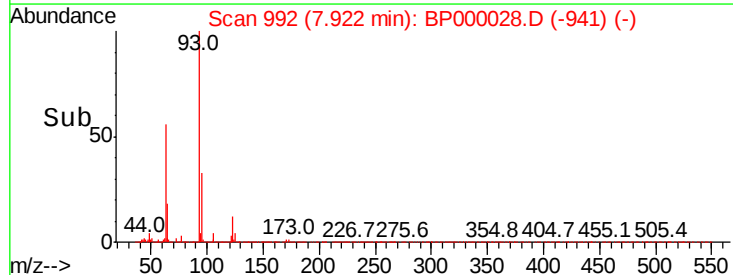
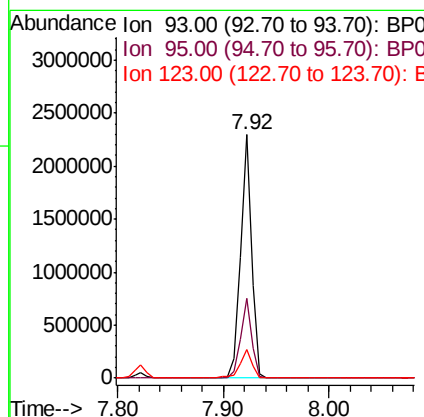
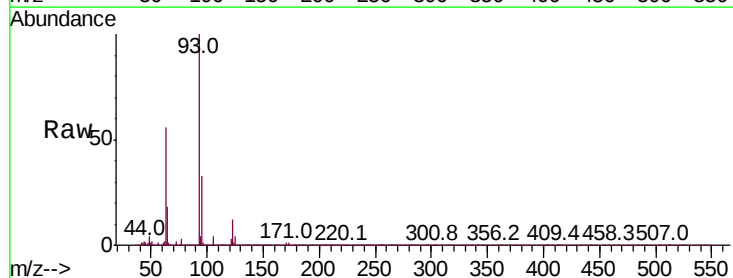
Instrument :  
BNA\_P  
ClientSampleId :

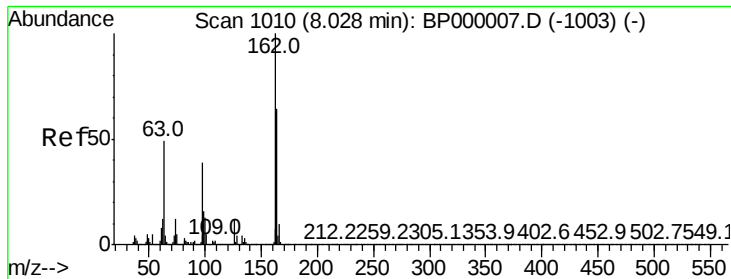
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 114.8 | 92.9  | 139.3 |
| 121     | 59.0  | 46.8  | 70.2  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.653 ng  
RT: 7.92 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 26.1  | 39.1  |
| 123     | 11.8  | 9.0   | 13.4  |





#29

2,4-Dichlorophenol

Concen: 40.349 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

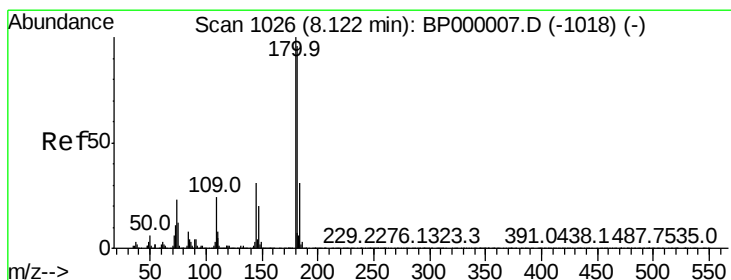
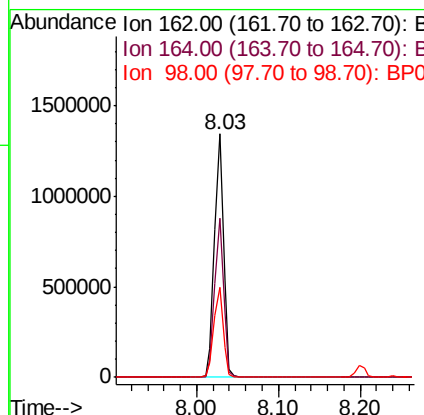
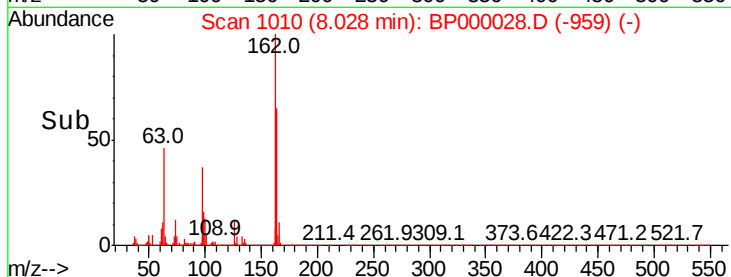
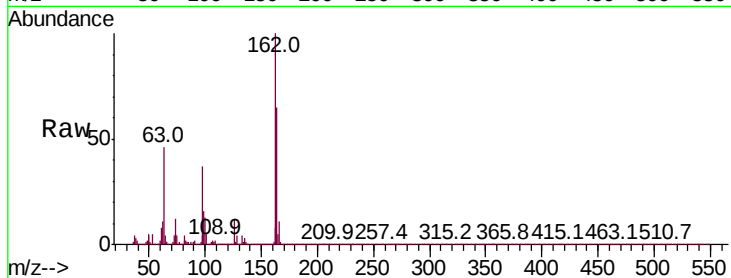
Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion:162 Resp: 1040214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 65.3  | 44.2  | 84.2  |
| 98  | 37.1  | 18.7  | 58.7  |



#30

1,2,4-Trichlorobenzene

Concen: 40.956 ng

RT: 8.12 min Scan# 1026

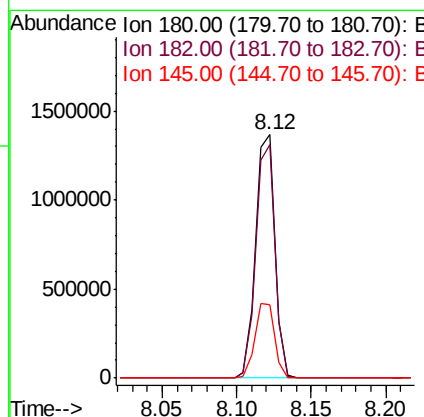
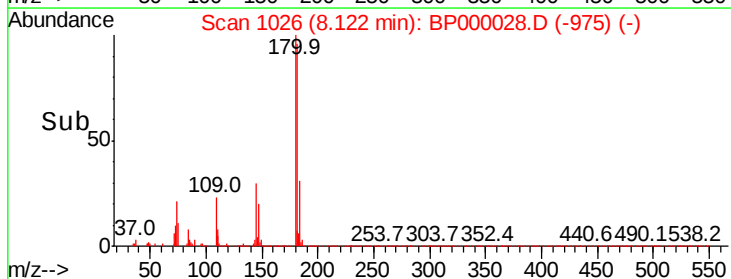
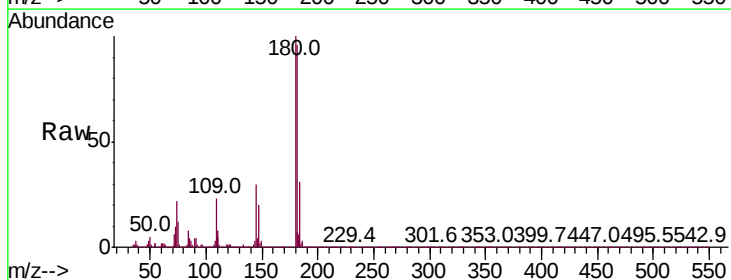
Delta R.T. -0.00 min

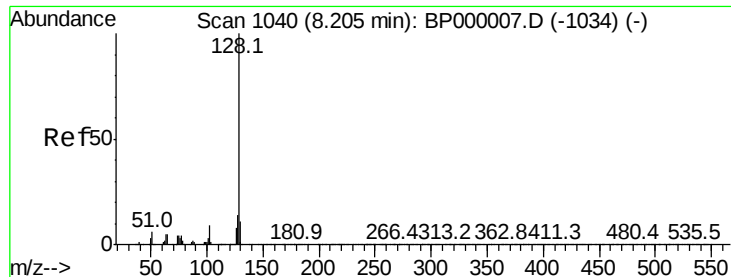
Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:180 Resp: 1203705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.1  | 76.7  | 115.1 |
| 145 | 30.1  | 24.8  | 37.2  |





#31

Naphthalene

Concen: 41.932 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampled :

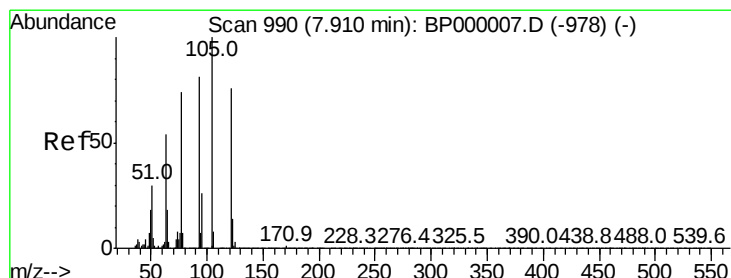
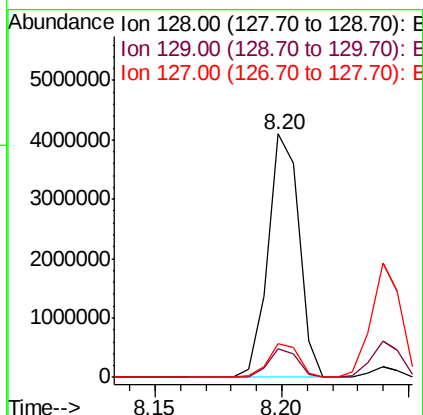
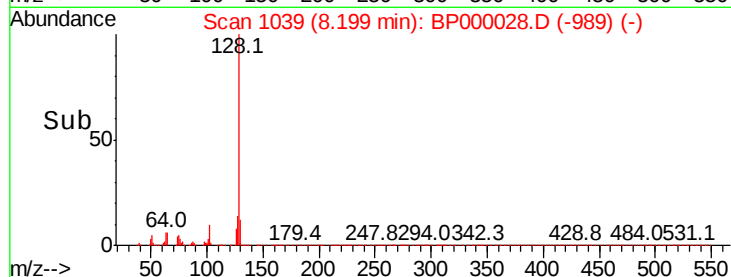
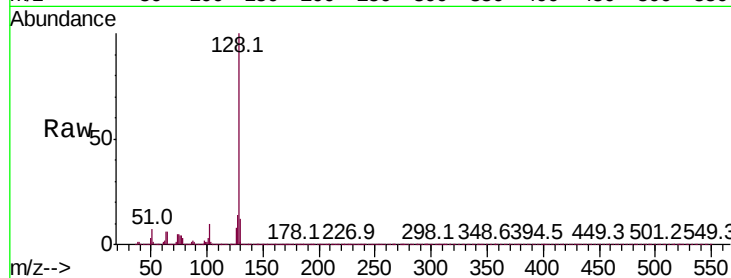
Tot Ion:128 Resp: 3476561

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

127 14.1 11.0 16.6



#32

Benzoic acid

Concen: 26.227 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

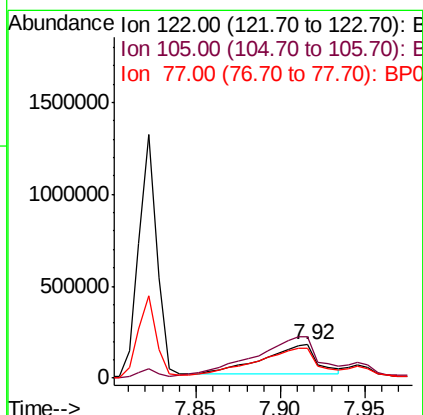
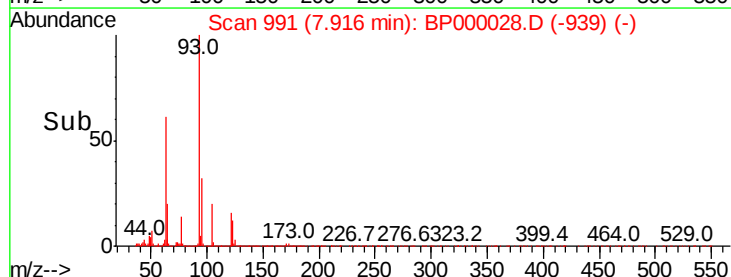
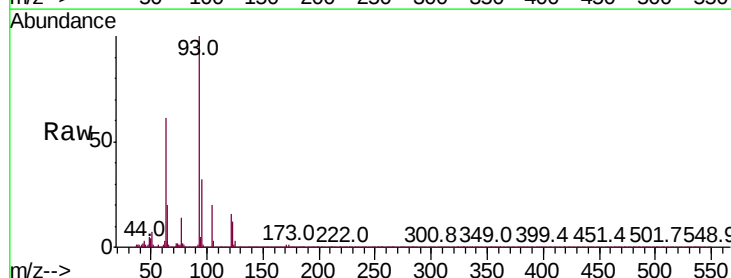
Tgt Ion:122 Resp: 366544

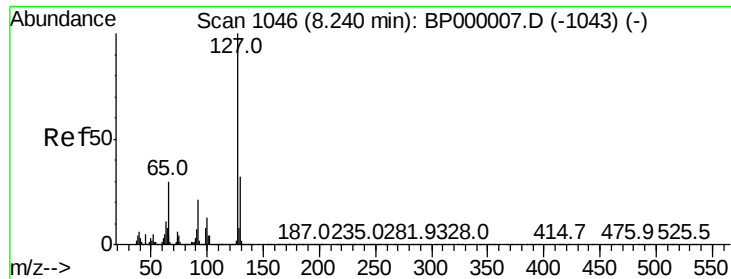
Ion Ratio Lower Upper

122 100

105 124.5 104.6 144.6

77 89.8 74.1 114.1

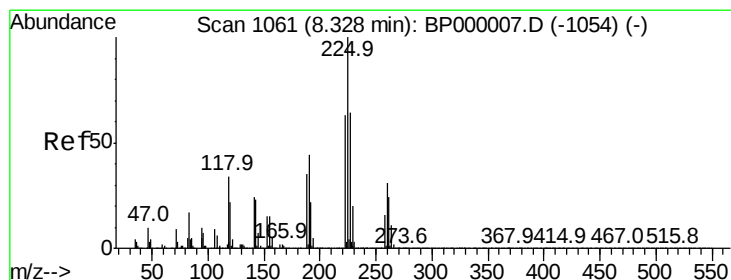
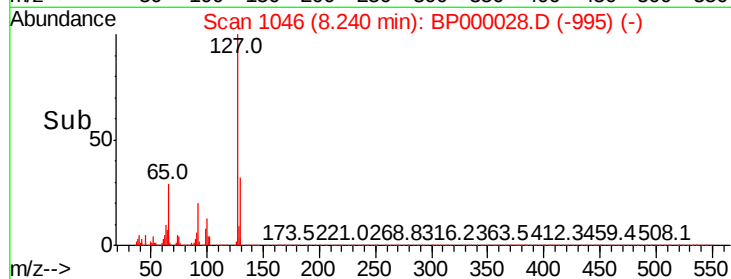
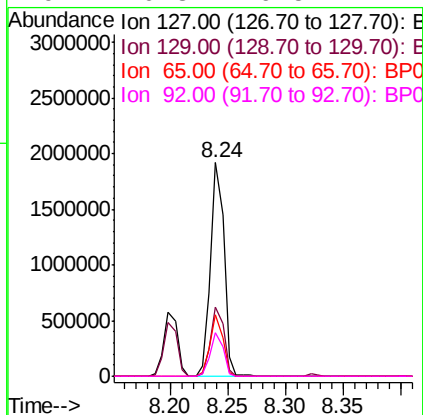
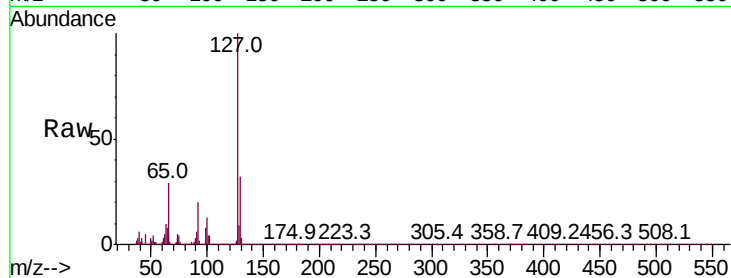




#33  
4-Chloroaniline  
Concen: 39.917 ng  
RT: 8.24 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

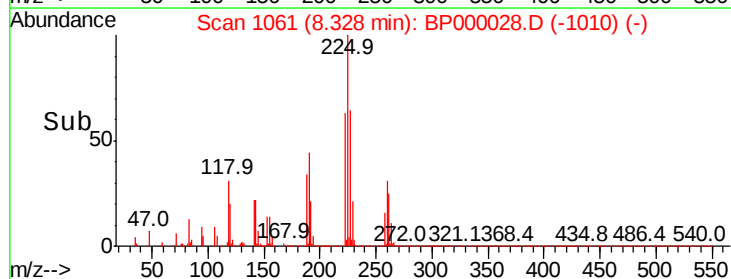
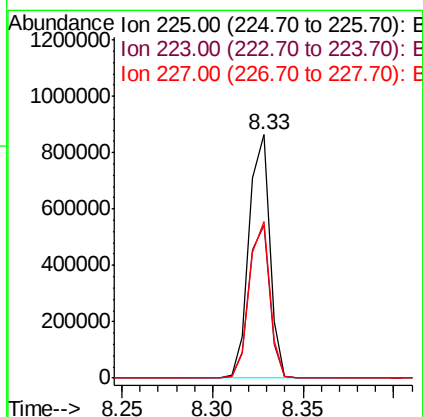
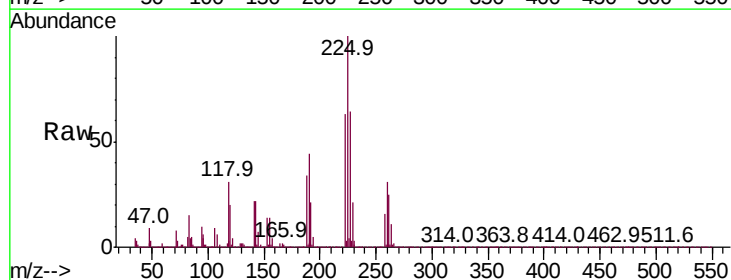
Instrument :  
BNA\_P  
ClientSampled :

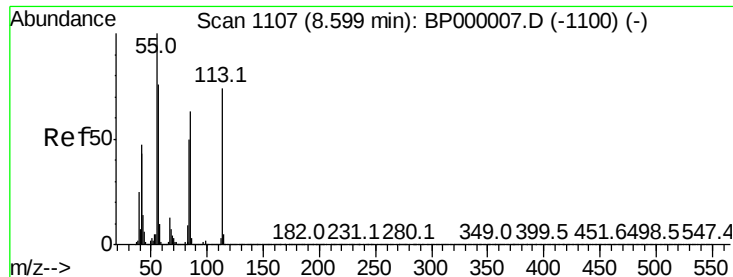
| Tot Ion: | 127   | Resp: | 1560890 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 127      | 100   |       |         |
| 129      | 32.1  | 25.8  | 38.6    |
| 65       | 28.8  | 24.2  | 36.2    |
| 92       | 20.3  | 16.5  | 24.7    |



#34  
Hexachlorobutadiene  
Concen: 41.233 ng  
RT: 8.33 min Scan# 1061  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

| Tgt Ion: | 225   | Resp: | 682829 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.7  | 50.6  | 76.0   |
| 227      | 64.2  | 51.0  | 76.4   |

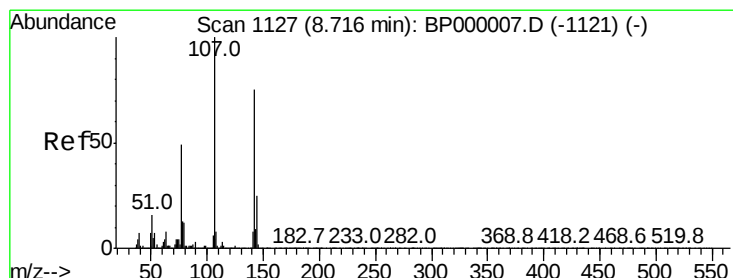
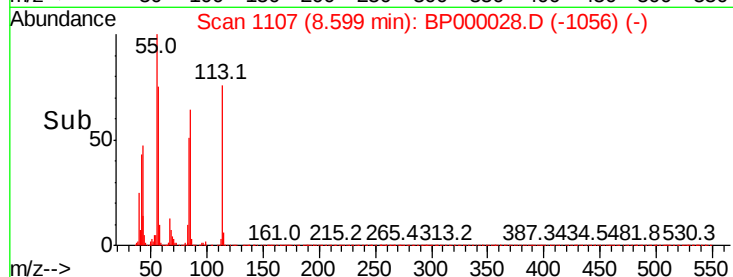
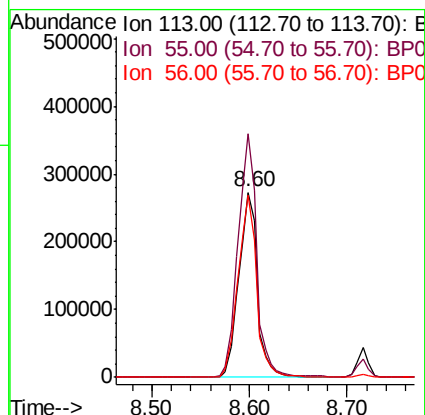
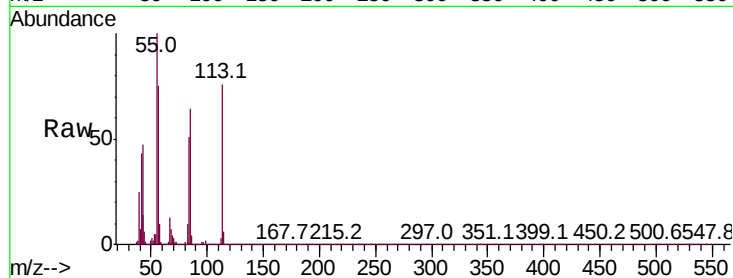




#35  
 Caprolactam  
 Concen: 39.242 ng  
 RT: 8.60 min Scan# 1107  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

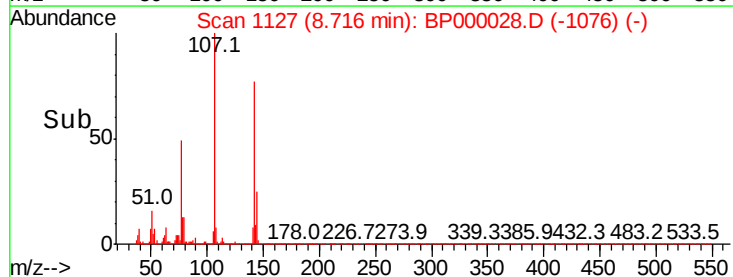
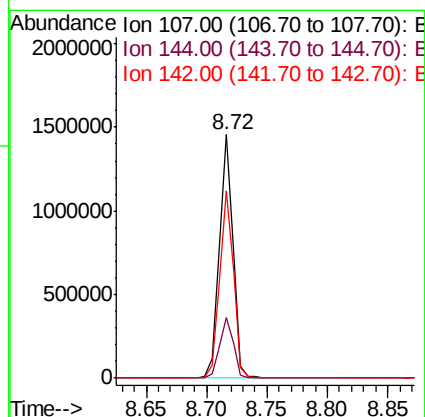
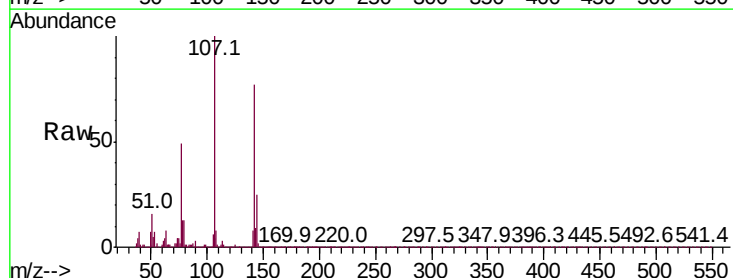
Instrument :  
 BNA\_P  
 ClientSampled :

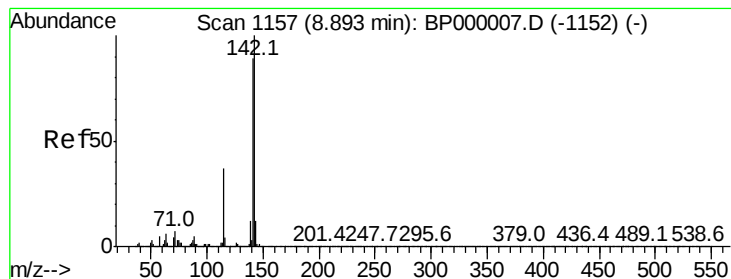
Tot Ion:113 Resp: 359779  
 Ion Ratio Lower Upper  
 113 100  
 55 131.8 114.6 154.6  
 56 98.7 82.1 122.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.216 ng  
 RT: 8.72 min Scan# 1127  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Tgt Ion:107 Resp: 1103117  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 19.8 29.6  
 142 76.8 60.4 90.6



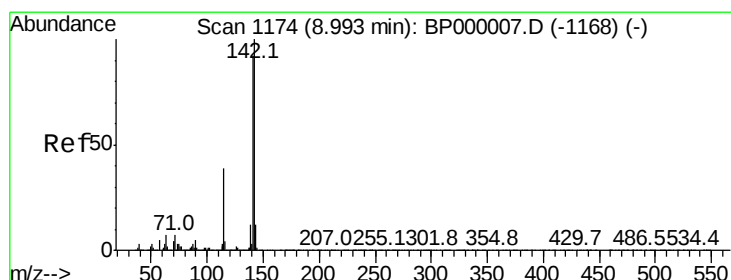
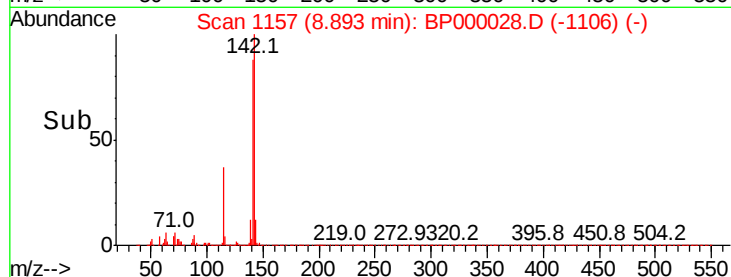
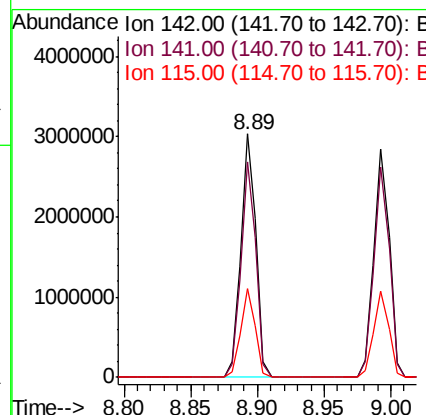
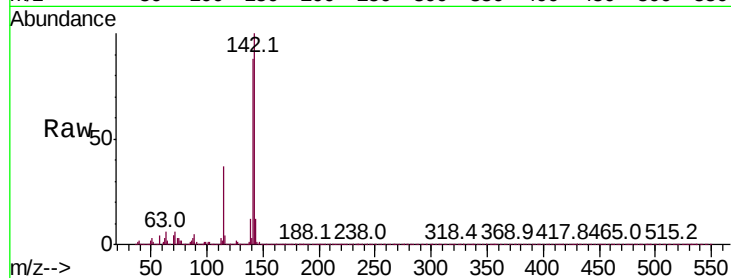


#37  
 2-Methylnaphthalene  
 Concen: 41.421 ng  
 RT: 8.89 min Scan# 1157  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:142 Resp: 2399938  

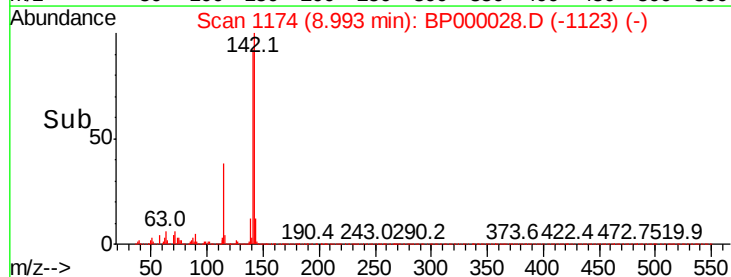
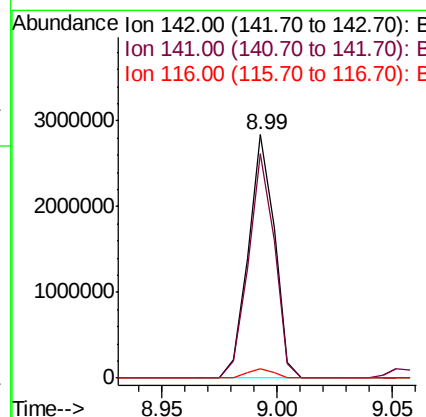
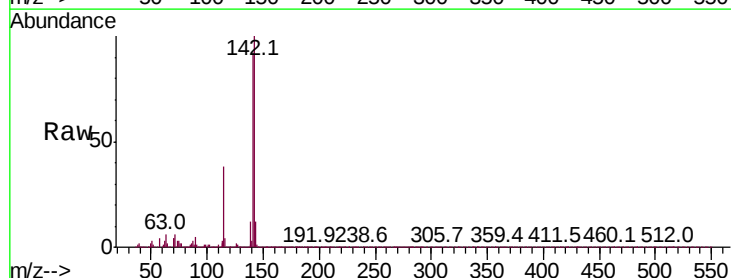
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 88.4  | 71.0  | 106.4 |
| 115 | 36.6  | 29.4  | 44.2  |

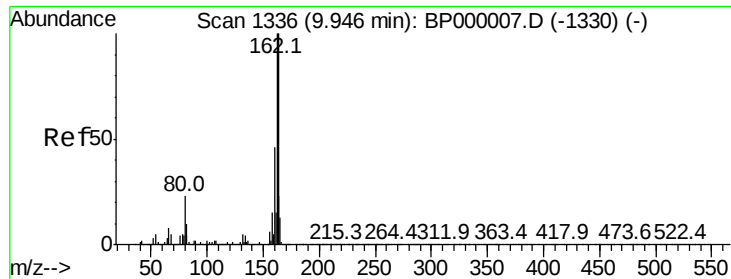


#38  
 1-Methylnaphthalene  
 Concen: 41.365 ng  
 RT: 8.99 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Tgt Ion:142 Resp: 2258218  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.0  | 73.6  | 110.4 |
| 116 | 4.0   | 3.4   | 5.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

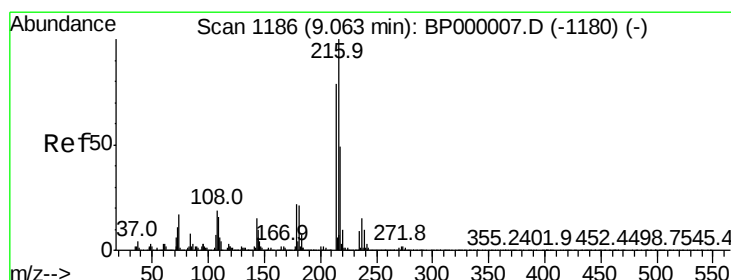
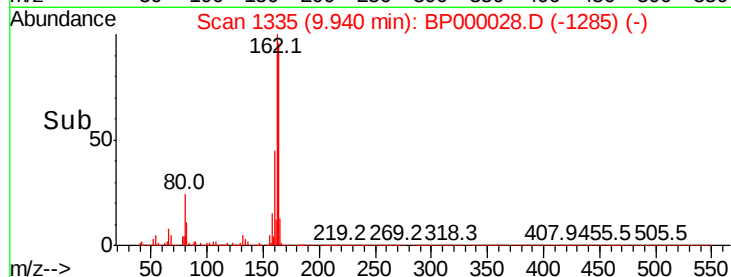
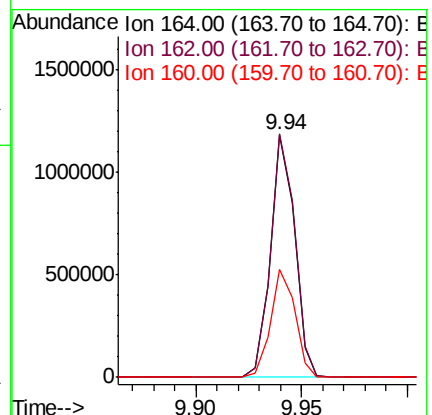
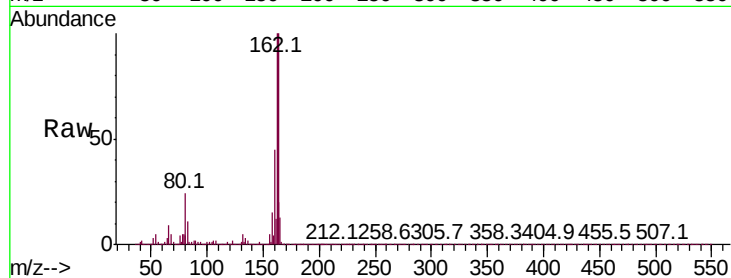
Tot Ion:164 Resp: 949732

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.4

160 44.7 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.964 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:216 Resp: 1101207

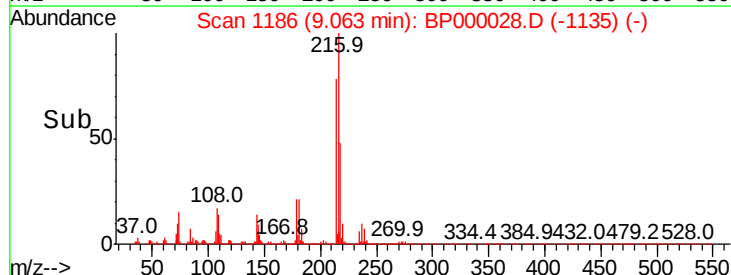
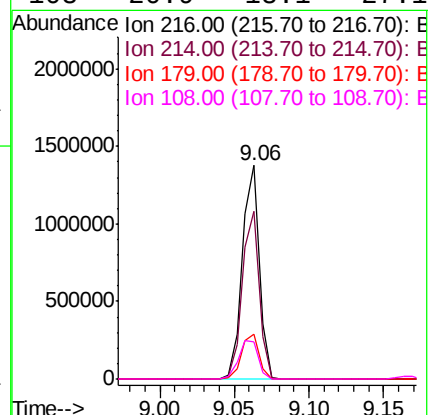
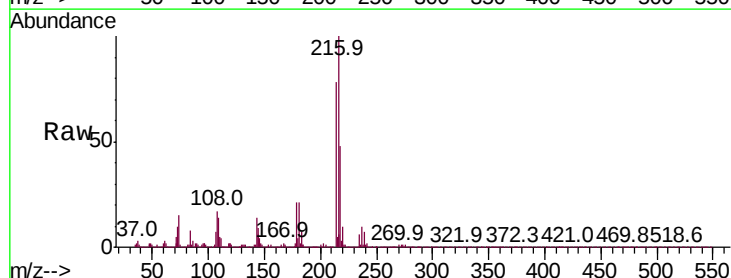
Ion Ratio Lower Upper

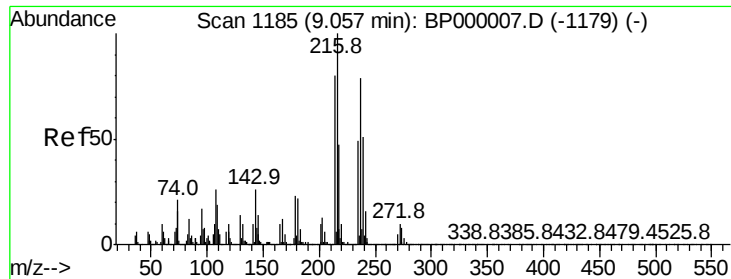
216 100

214 78.8 63.4 95.2

179 21.9 17.8 26.6

108 20.9 18.1 27.1





#41

Hexachlorocyclopentadiene

Concen: 39.697 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampled :

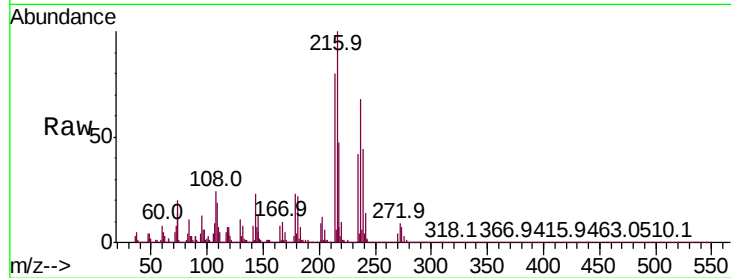
Tot Ion:237 Resp: 587574

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

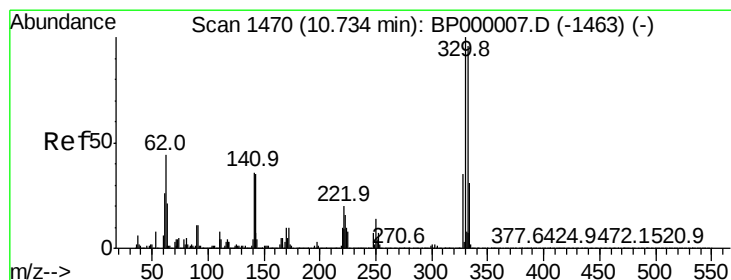
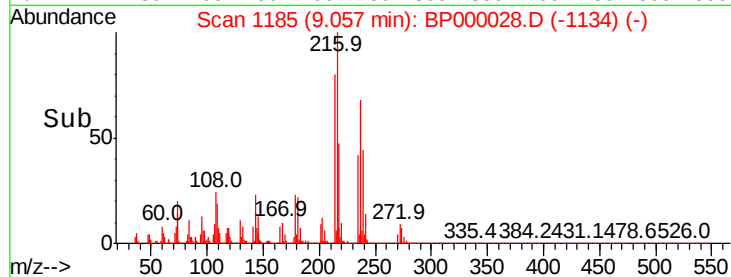
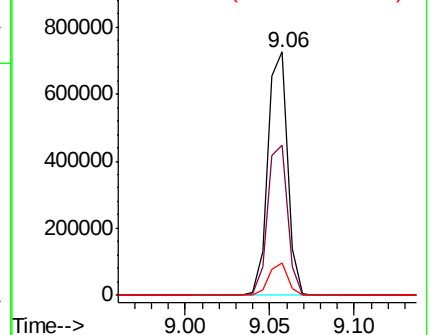
272 13.2 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.467 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

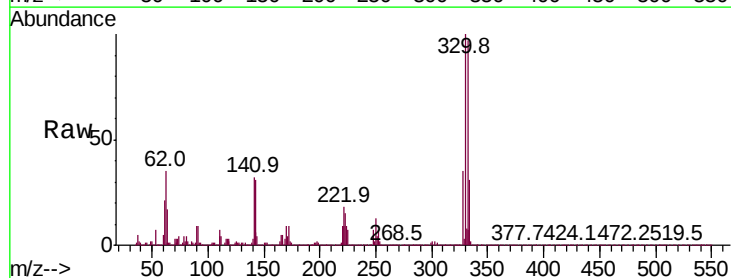
Tgt Ion:330 Resp: 636157

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

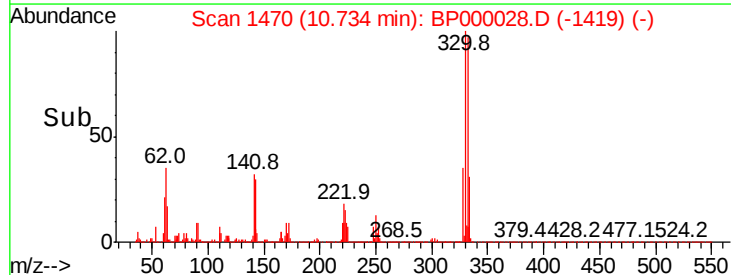
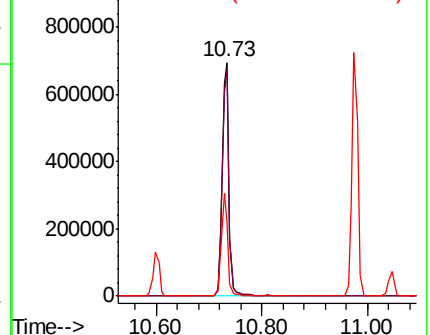
141 41.4 33.6 50.4

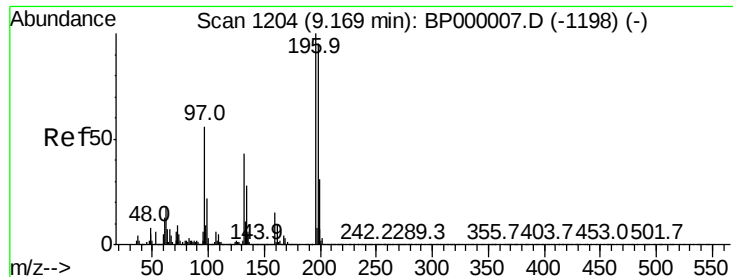


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

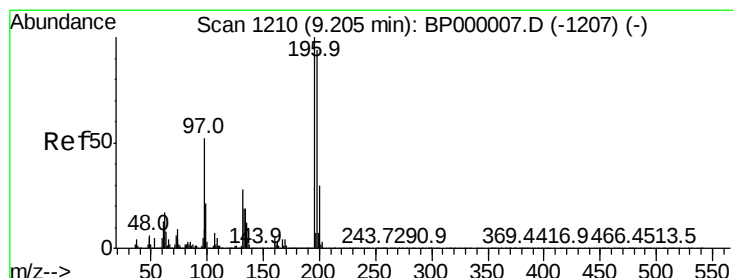
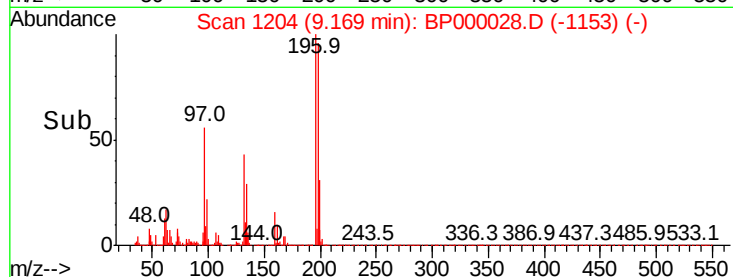
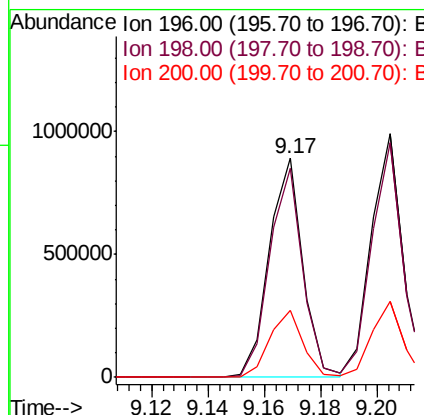
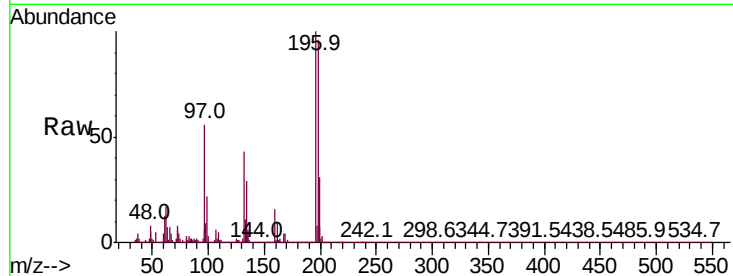




#43  
2,4,6-Trichlorophenol  
Concen: 39.622 ng  
RT: 9.17 min Scan# 1204  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

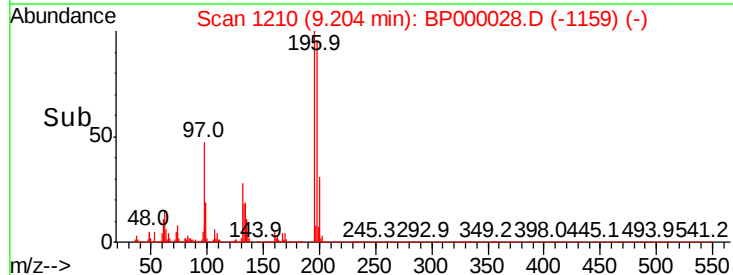
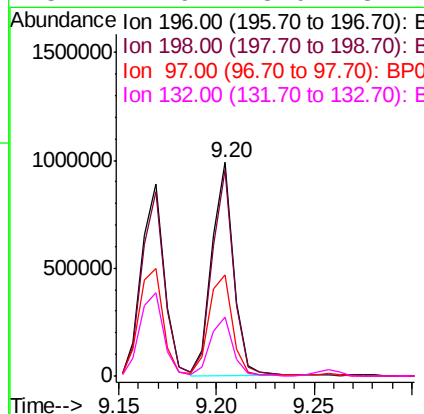
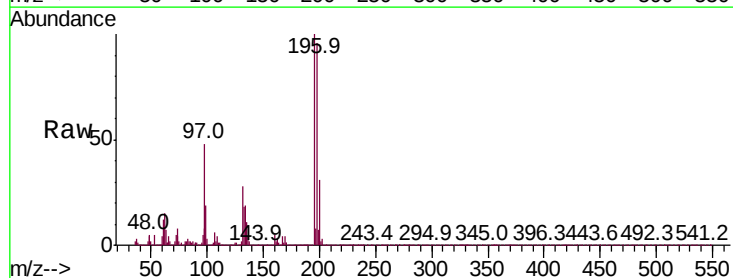
Instrument :  
BNA\_P  
ClientSampled :

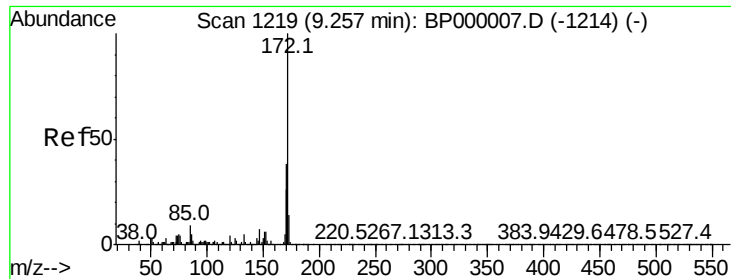
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.6  | 76.2  | 114.2 |
| 200     | 30.9  | 25.0  | 37.4  |



#44  
2,4,5-Trichlorophenol  
Concen: 39.606 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.4  | 74.9  | 112.3 |
| 97      | 47.5  | 42.2  | 63.2  |
| 132     | 27.6  | 23.0  | 34.4  |

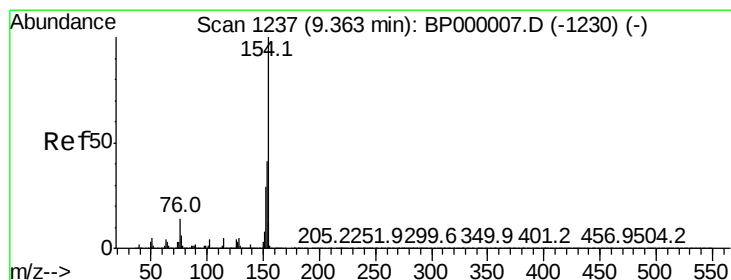
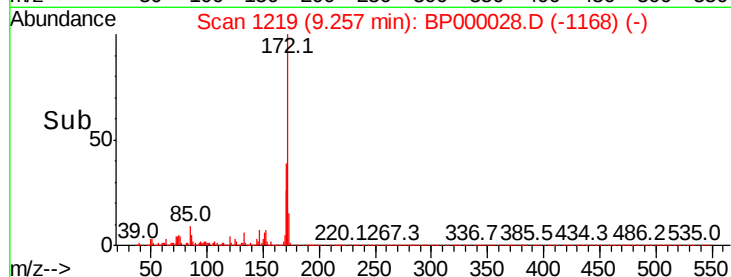
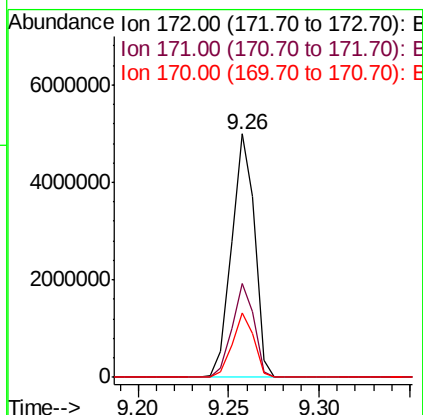
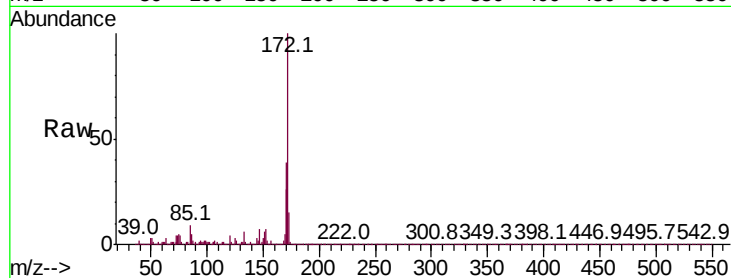




#45  
2-Fluorobiphenyl  
Concen: 76.958 ng  
RT: 9.26 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

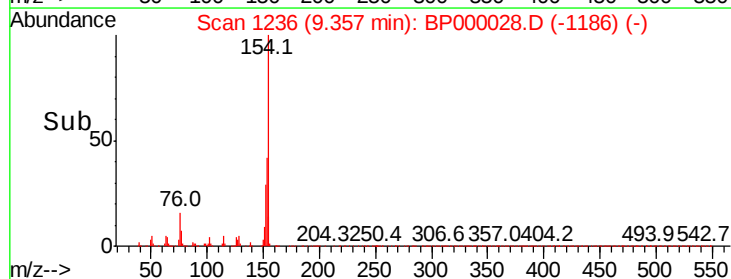
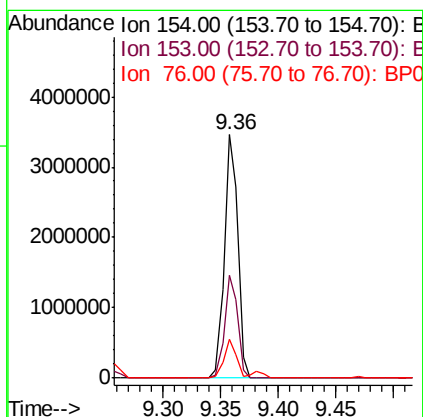
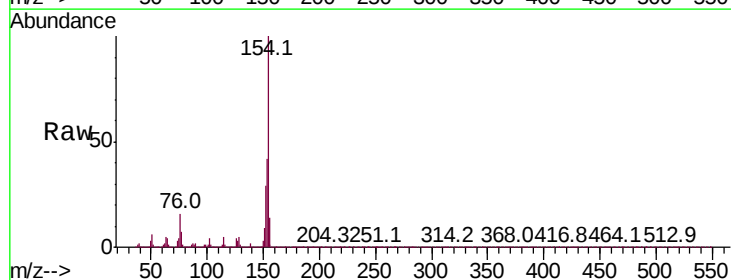
Instrument :  
BNA\_P  
ClientSampleId :

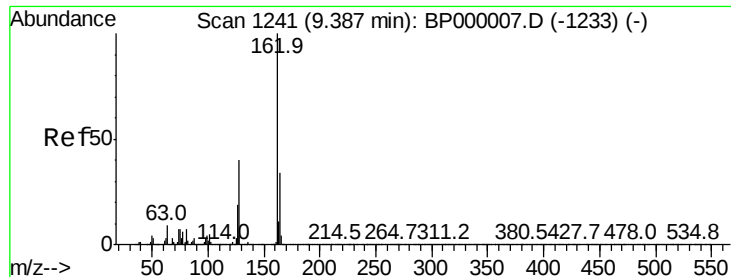
Tot Ion:172 Resp: 4376642  
Ion Ratio Lower Upper  
172 100  
171 38.8 30.7 46.1  
170 26.4 20.7 31.1



#46  
1,1'-Biphenyl  
Concen: 41.356 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion:154 Resp: 2772786  
Ion Ratio Lower Upper  
154 100  
153 42.1 21.1 61.1  
76 15.8 0.0 33.7





#47

2-Chloronaphthalene

Concen: 40.745 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

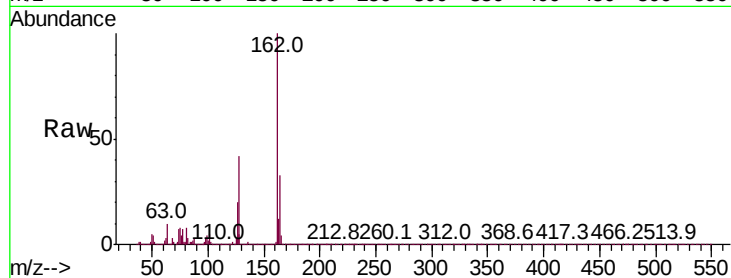
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:162 Resp: 2267697

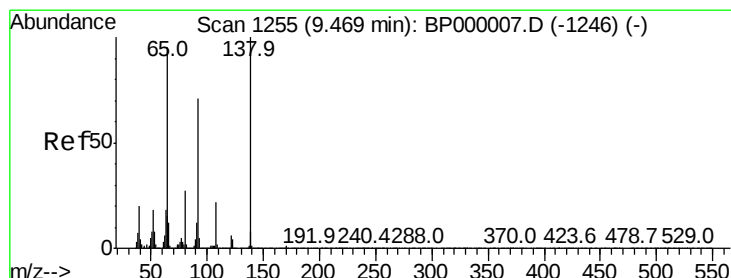
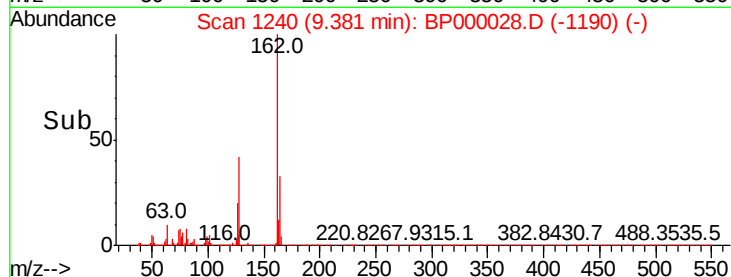
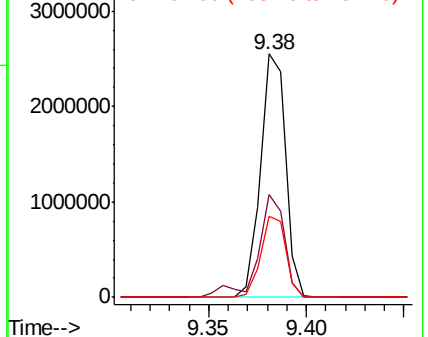
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.0  | 32.2  | 48.4  |
| 164 | 33.4  | 26.9  | 40.3  |



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.661 ng

RT: 9.47 min Scan# 1255

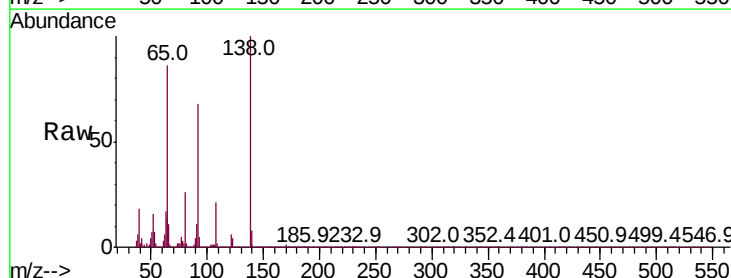
Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion: 65 Resp: 596225

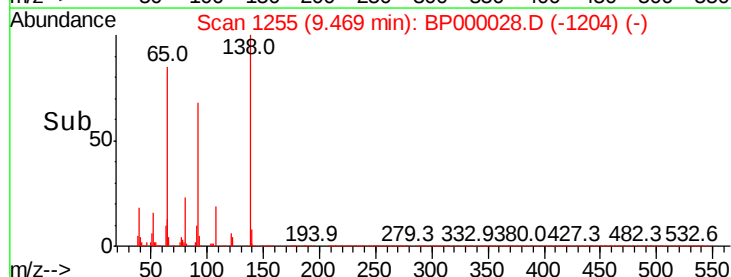
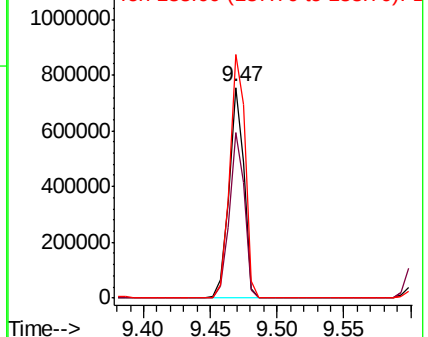
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 78.5  | 60.3  | 90.5  |
| 138 | 115.7 | 84.5  | 126.7 |

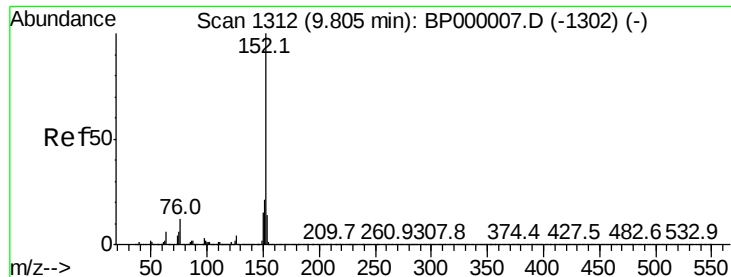


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.117 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

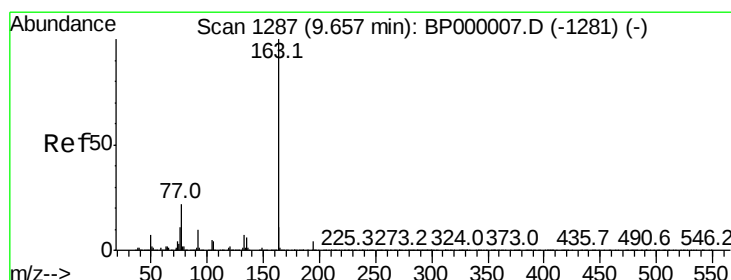
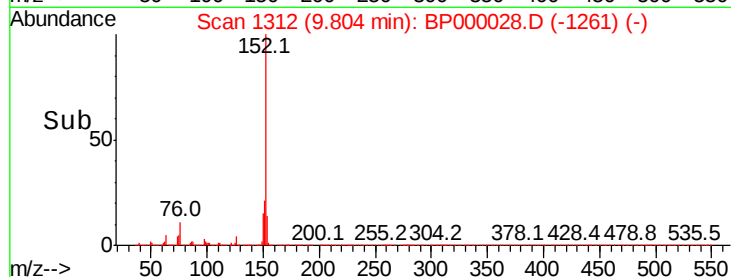
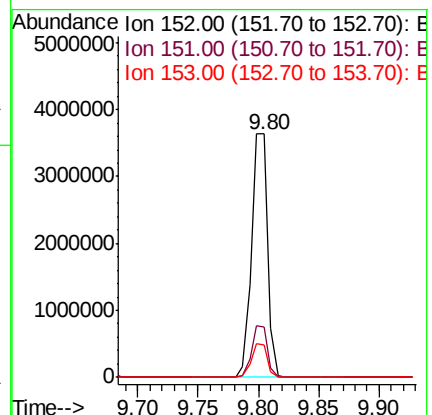
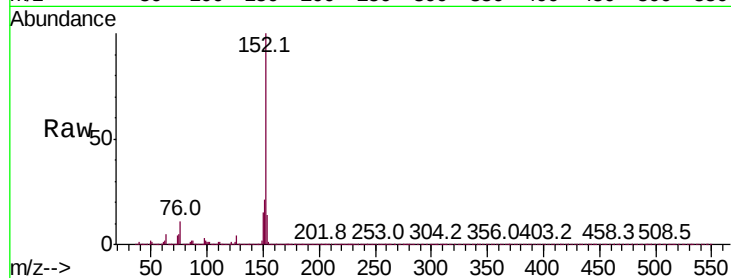
Tot Ion:152 Resp: 3395621

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

153 13.5 11.0 16.6



#50

Dimethylphthalate

Concen: 40.564 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

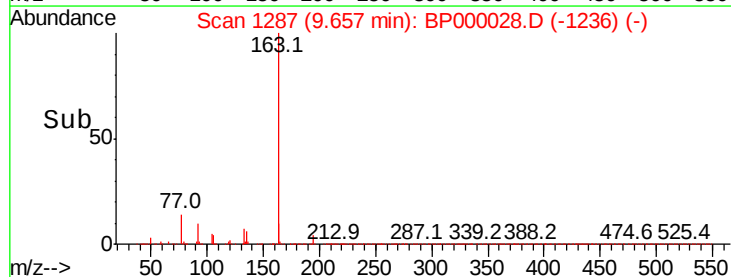
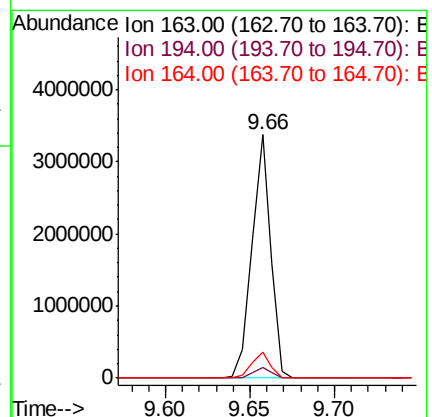
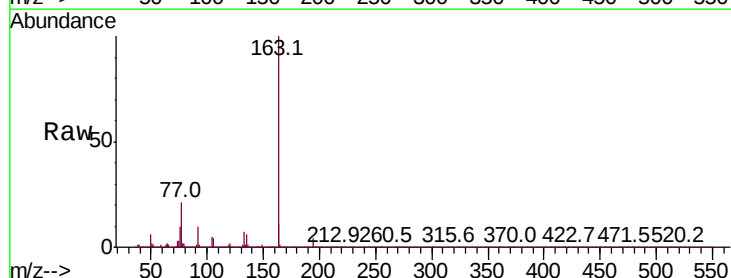
Tgt Ion:163 Resp: 2625296

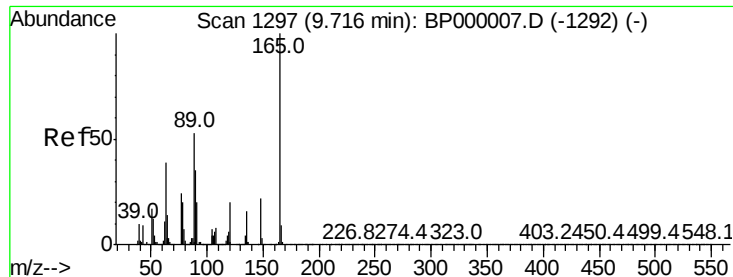
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.5 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 40.804 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

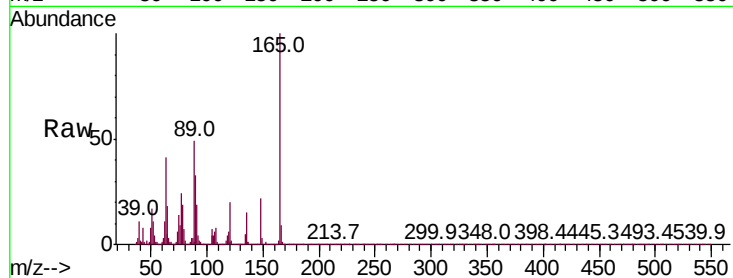
Tot Ion:165 Resp: 560536

Ion Ratio Lower Upper

165 100

63 40.9 35.8 53.6

89 48.8 42.2 63.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

800000

600000

400000

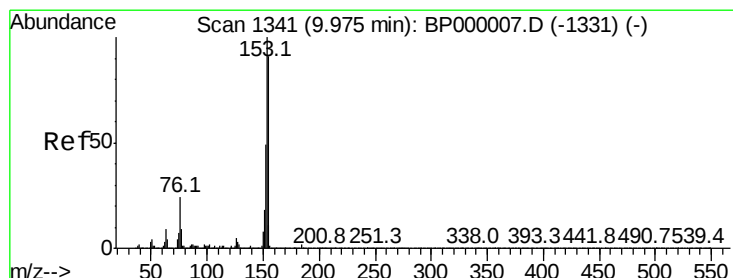
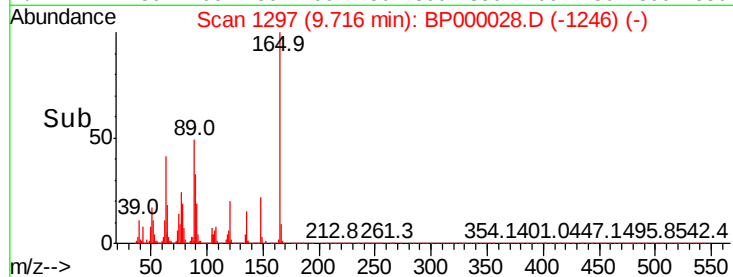
200000

0

9.72

9.75

Time-->



#52

Acenaphthene

Concen: 40.854 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

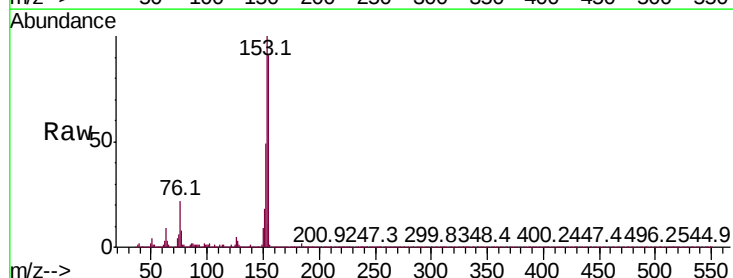
Tgt Ion:154 Resp: 2117056

Ion Ratio Lower Upper

154 100

153 110.4 88.2 132.2

152 54.0 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

3000000

2000000

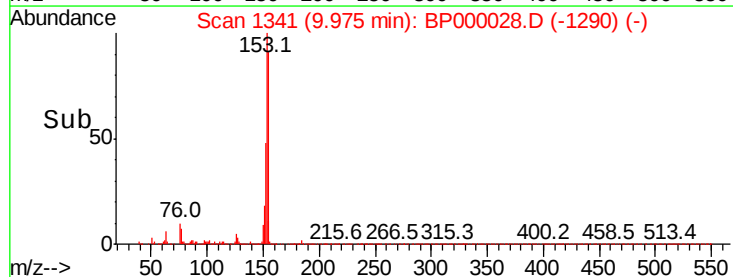
1000000

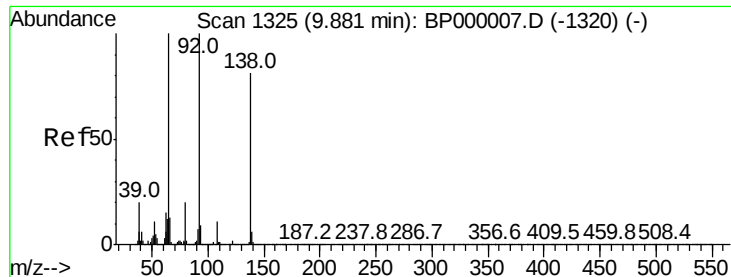
0

9.97

10.10

Time-->

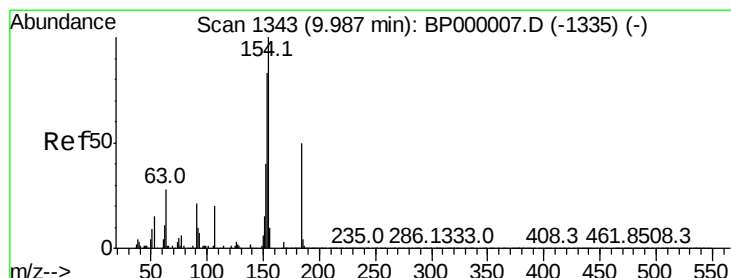
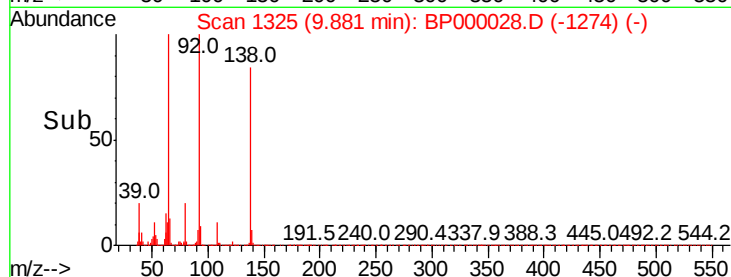
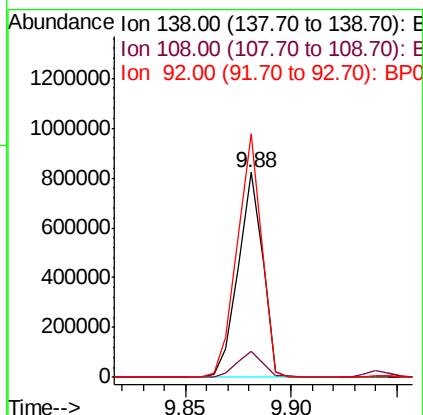
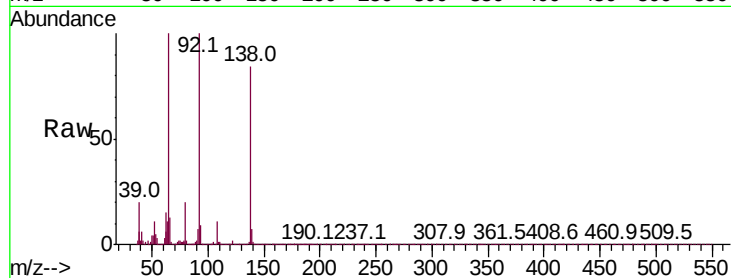




#53  
3-Nitroaniline  
Concen: 40.076 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

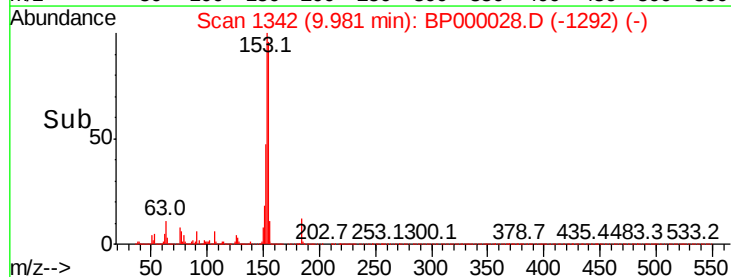
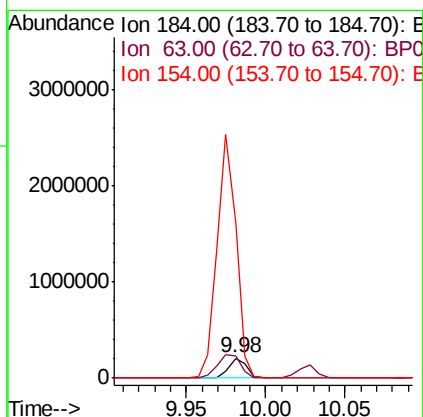
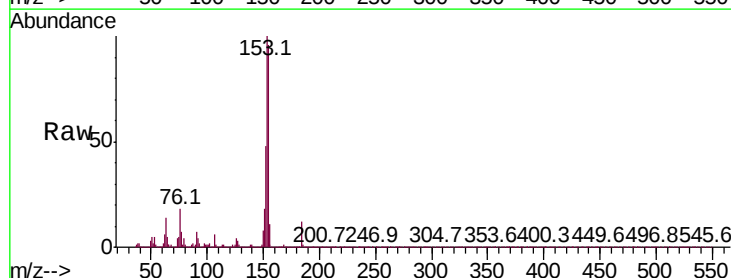
Instrument :  
BNA\_P  
ClientSampleId :

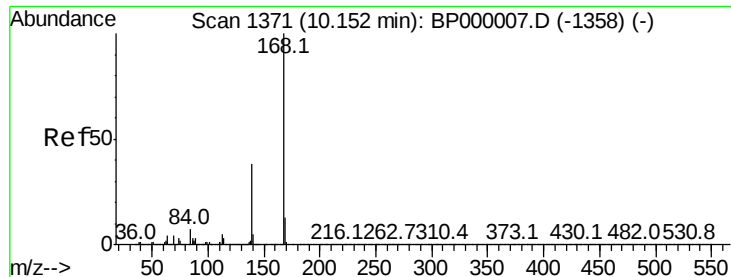
Tot Ion:138 Resp: 657681  
Ion Ratio Lower Upper  
138 100  
108 12.7 11.0 16.4  
92 118.9 98.2 147.4



#54  
2,4-Dinitrophenol  
Concen: 36.808 ng  
RT: 9.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion:184 Resp: 162591  
Ion Ratio Lower Upper  
184 100  
63 108.9 46.0 69.0#  
154 775.9 161.9 242.9#





#55

Dibenzofuran

Concen: 41.797 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

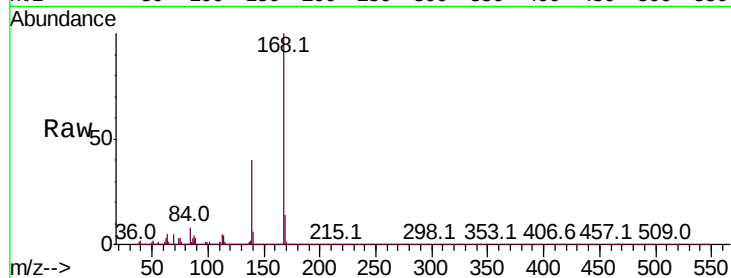
Instrument :

BNA\_P

ClientSampled :

Tot Ion:168 Resp: 3075620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 39.9  | 30.2  | 45.2  |
| 169 | 14.0  | 10.7  | 16.1  |

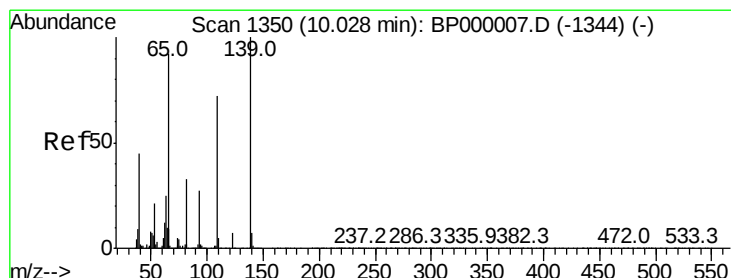
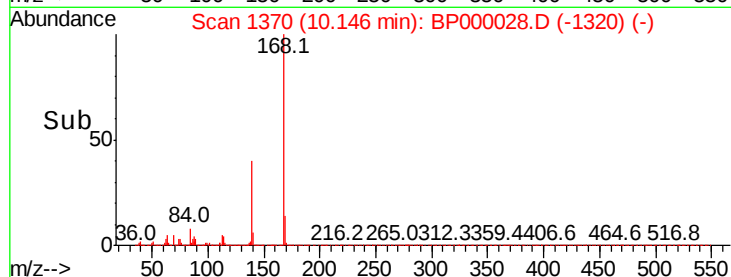
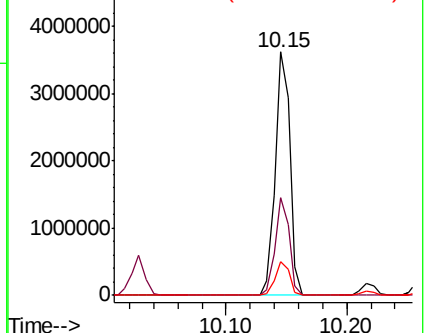


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.685 ng

RT: 10.03 min Scan# 1350

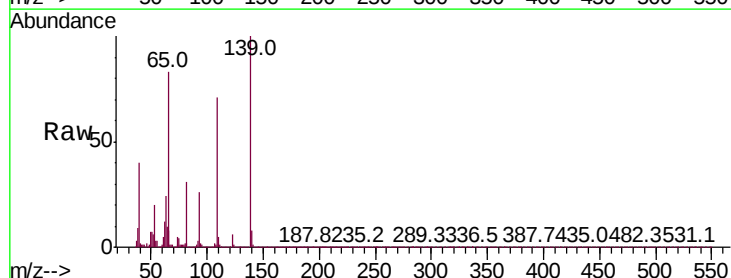
Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:139 Resp: 465497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 71.1  | 52.4  | 92.4  |
| 65  | 83.4  | 72.2  | 112.2 |

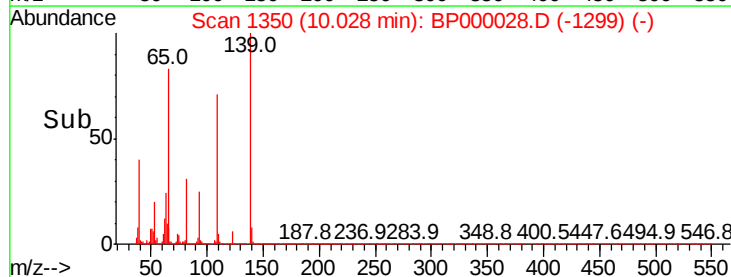
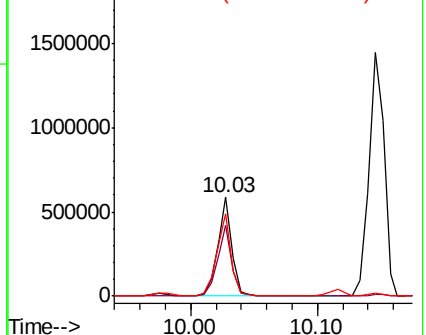


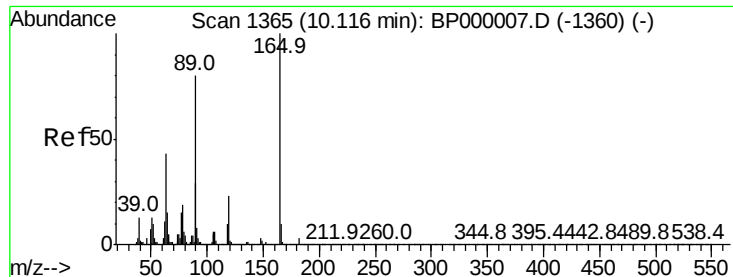
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

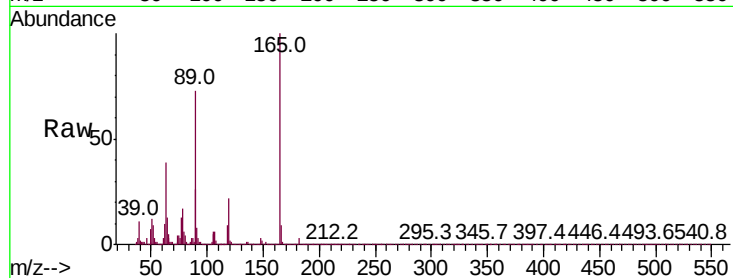




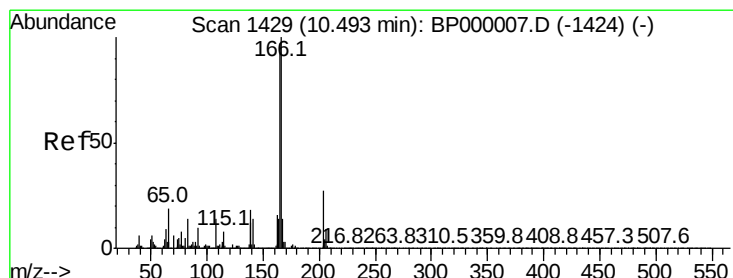
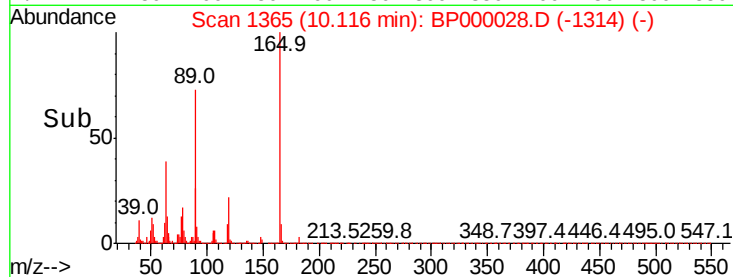
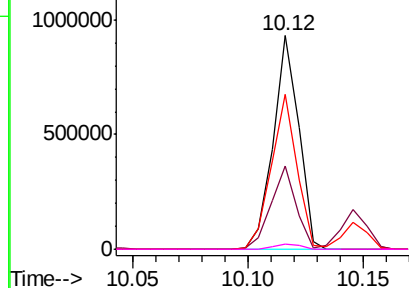
#57  
2,4-Dinitrotoluene  
Concen: 40.712 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 713983 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 38.8  | 34.4  | 51.6   |
| 89       | 72.8  | 64.3  | 96.5   |
| 182      | 2.7   | 2.2   | 3.4    |

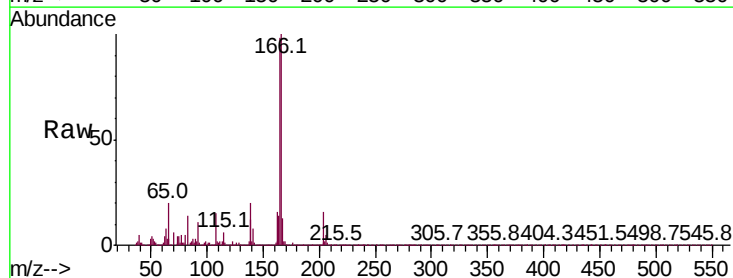


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BP0  
Ion 89.00 (88.70 to 89.70): BP0  
Ion 182.00 (181.70 to 182.70): E

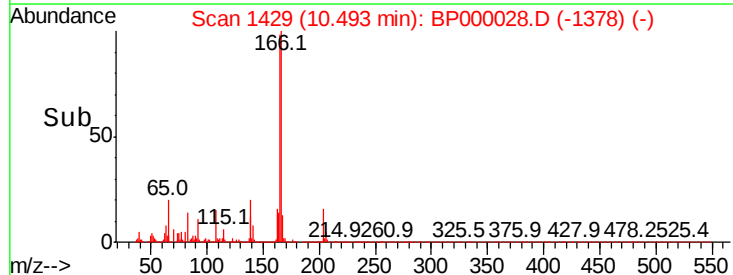
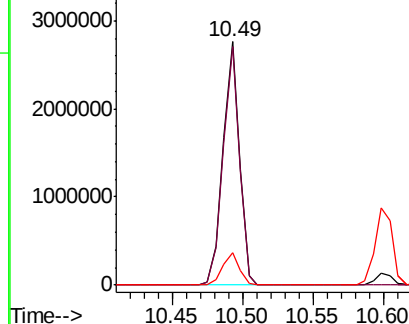


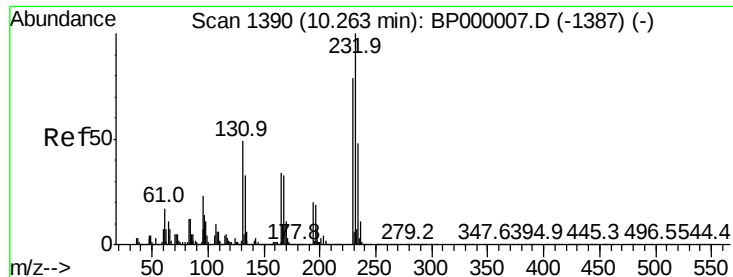
#58  
Fluorene  
Concen: 40.428 ng  
RT: 10.49 min Scan# 1429  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 2238913 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 97.8  | 77.3  | 115.9   |
| 167      | 13.5  | 11.0  | 16.6    |



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

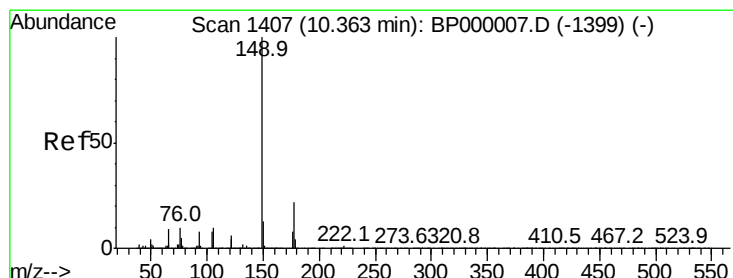
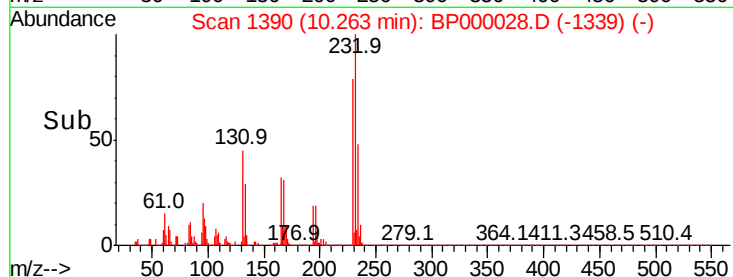
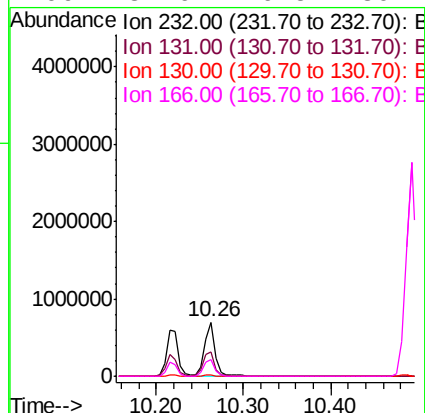
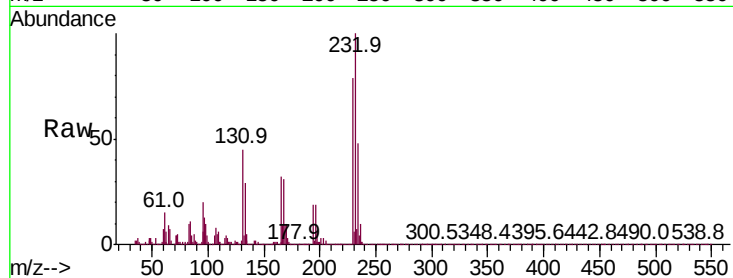




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 40.675 ng  
RT: 10.26 min Scan# 1390  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

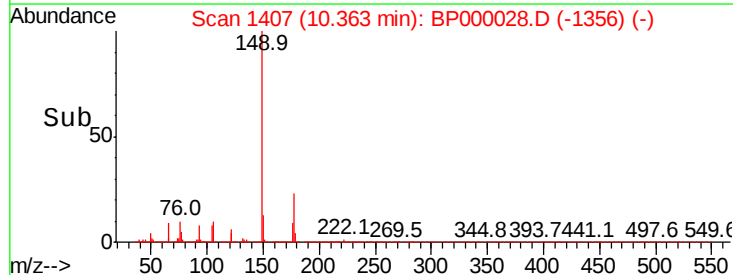
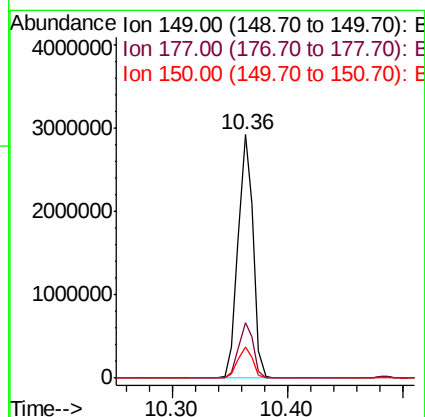
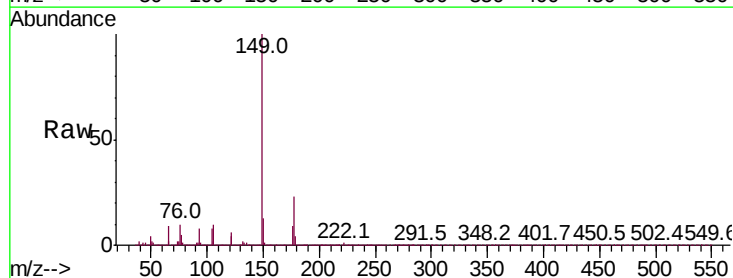
Instrument :  
BNA\_P  
ClientSampleId :

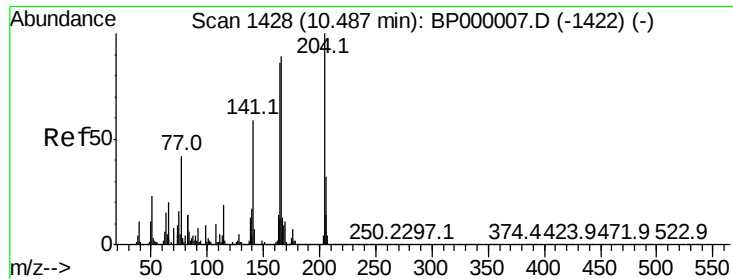
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 597353 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 48.4  | 39.3  | 58.9   |
| 130      | 2.6   | 2.1   | 3.1    |
| 166      | 32.6  | 26.5  | 39.7   |



#60  
Diethylphthalate  
Concen: 40.271 ng  
RT: 10.36 min Scan# 1407  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2608787 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.5  | 17.3  | 25.9    |
| 150      | 12.8  | 10.3  | 15.5    |

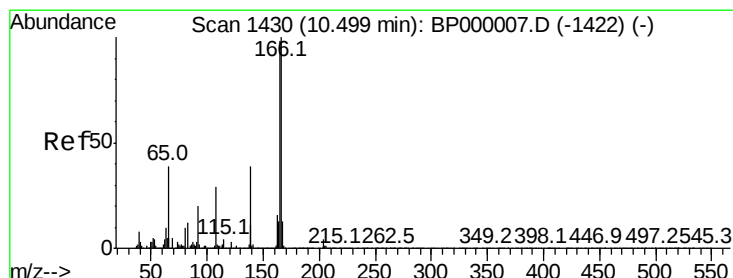
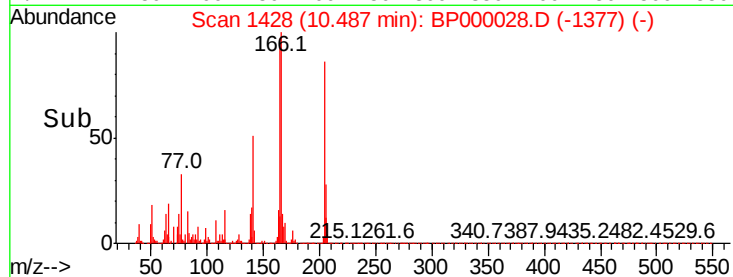
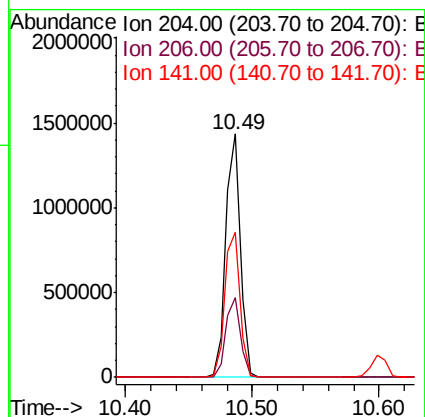
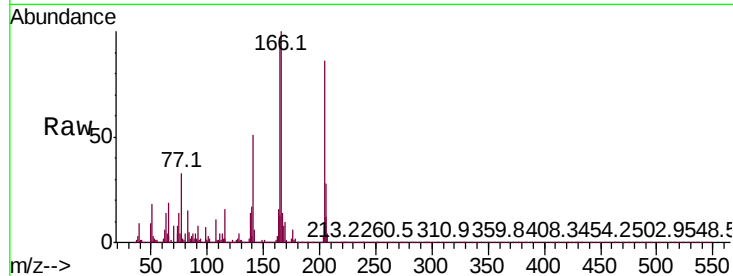




#61  
4-Chlorophenyl-phenylether  
Concen: 40.168 ng  
RT: 10.49 min Scan# 1428  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

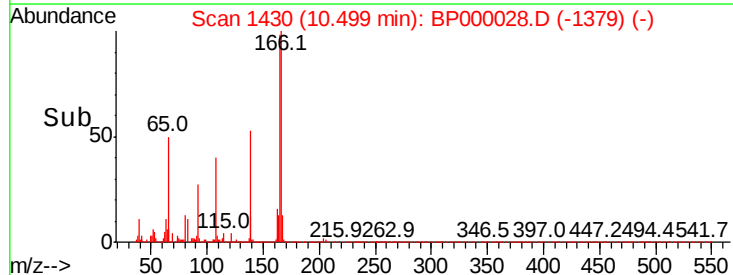
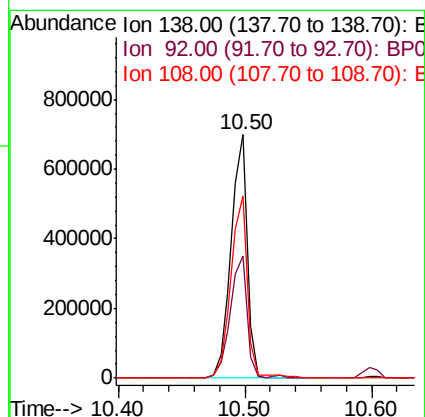
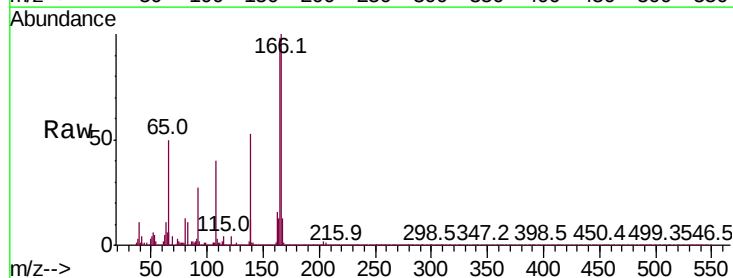
Instrument :  
BNA\_P  
ClientSampled :

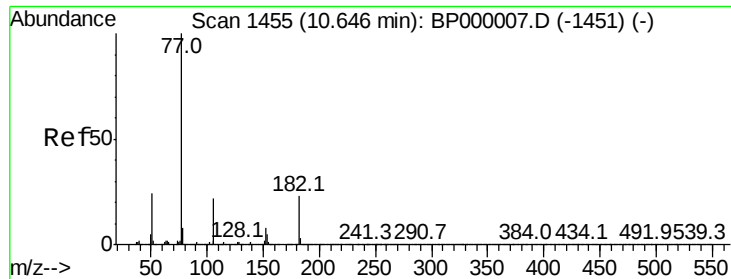
Tot Ion:204 Resp: 1156232  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.0 39.0  
141 59.7 47.6 71.4



#62  
4-Nitroaniline  
Concen: 39.356 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion:138 Resp: 616054  
Ion Ratio Lower Upper  
138 100  
92 50.2 32.8 72.8  
108 75.0 55.7 95.7



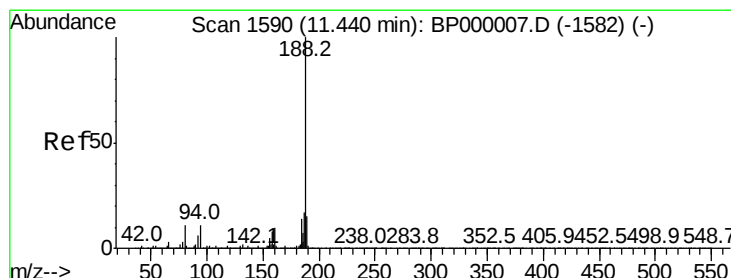
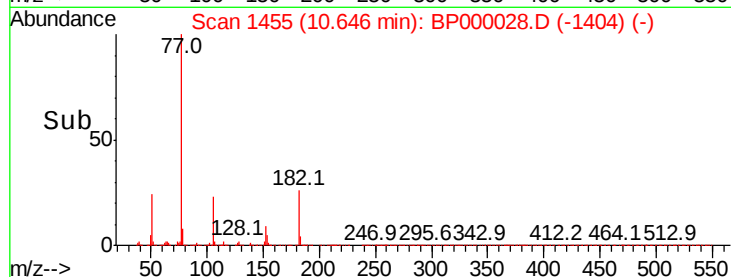
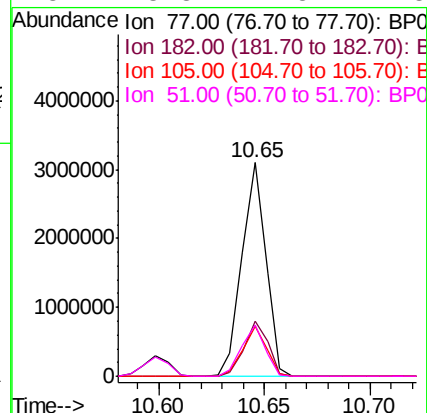
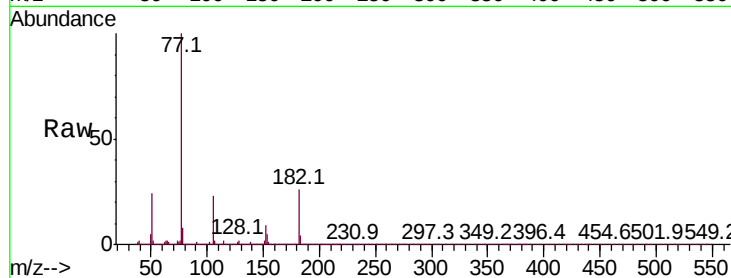


#63  
Azobenzene  
Concen: 38.997 ng  
RT: 10.65 min Scan# 1455  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampleId :

Tot Ion: 77 Resp: 2419166

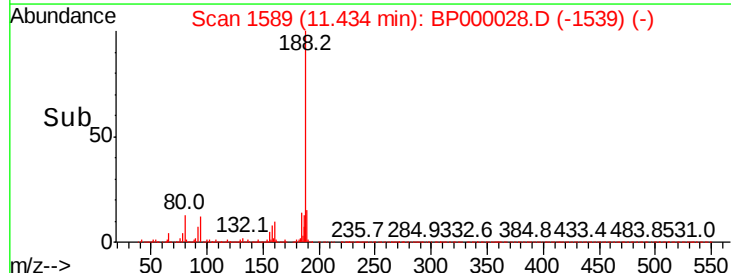
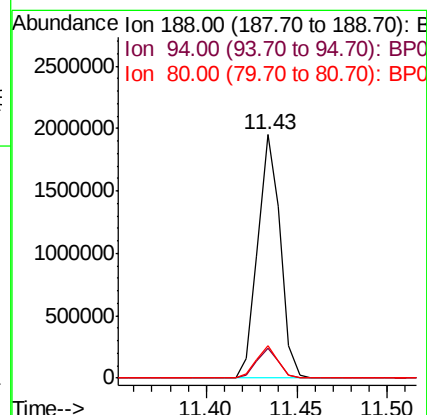
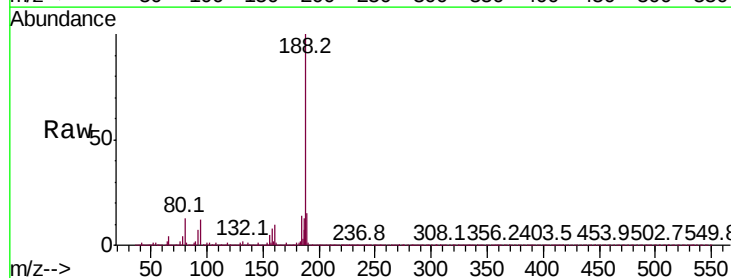
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.6  | 2.6   | 42.6  |
| 105 | 23.4  | 2.3   | 42.3  |
| 51  | 23.8  | 4.5   | 44.5  |

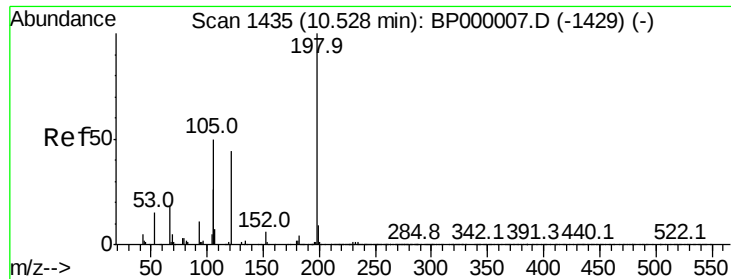


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.43 min Scan# 1589  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion: 188 Resp: 1679336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 12.4  | 8.8   | 13.2  |
| 80  | 13.3  | 9.0   | 13.6  |

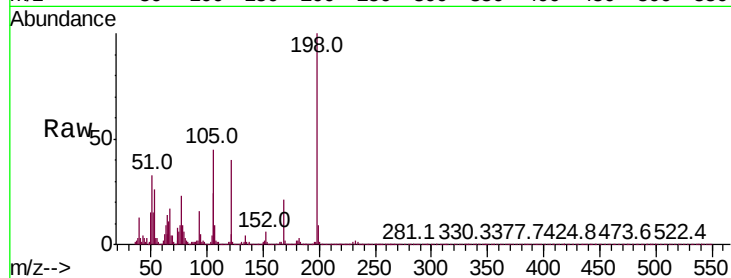




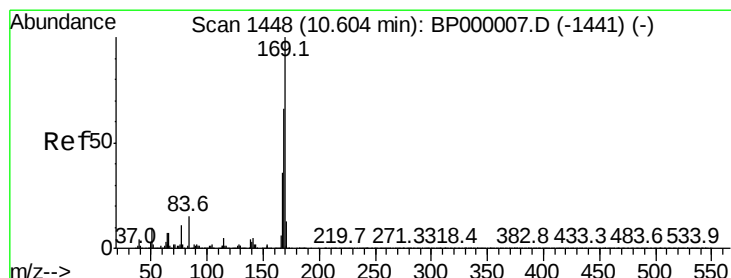
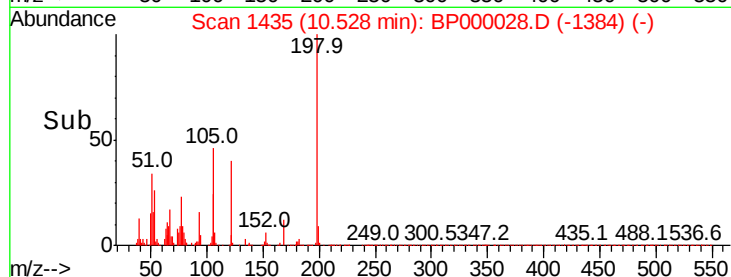
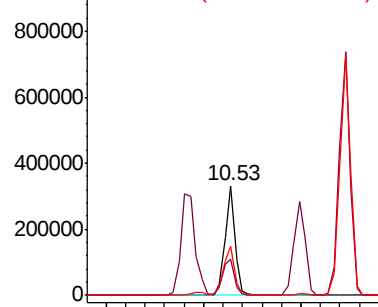
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.284 ng  
RT: 10.53 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 33.2  | 22.1  | 62.1  |
| 105     | 44.9  | 32.0  | 72.0  |

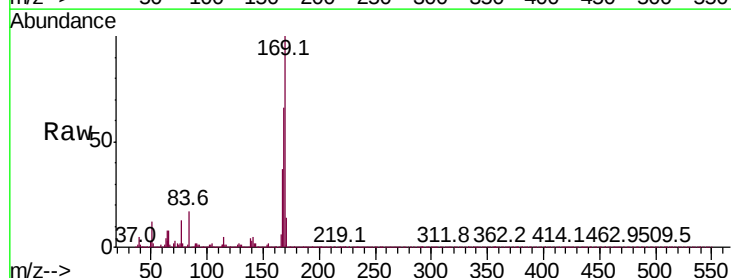


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BP  
Ion 105.00 (104.70 to 105.70): E

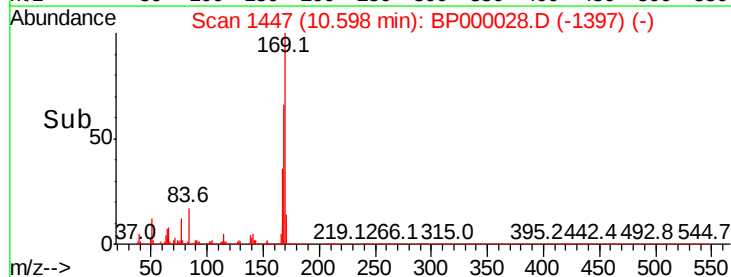
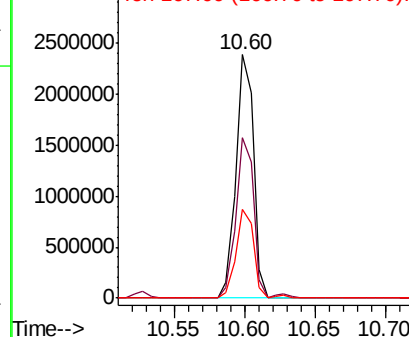


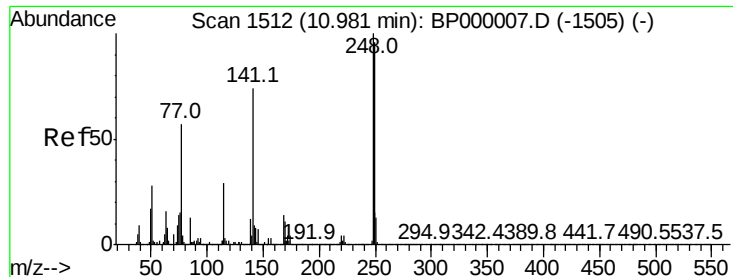
#66  
n-Nitrosodiphenylamine  
Concen: 41.424 ng  
RT: 10.60 min Scan# 1447  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.8  | 52.9  | 79.3  |
| 167     | 36.5  | 29.2  | 43.8  |



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

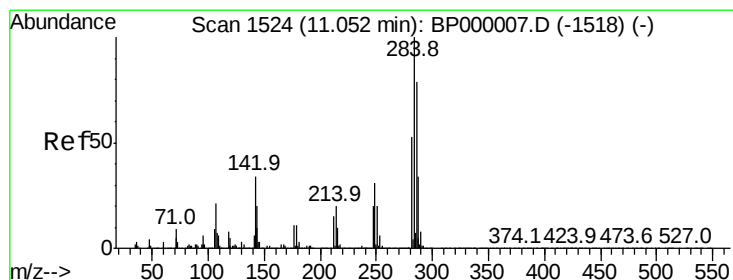
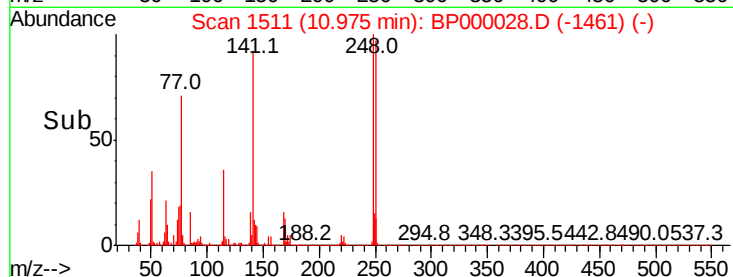
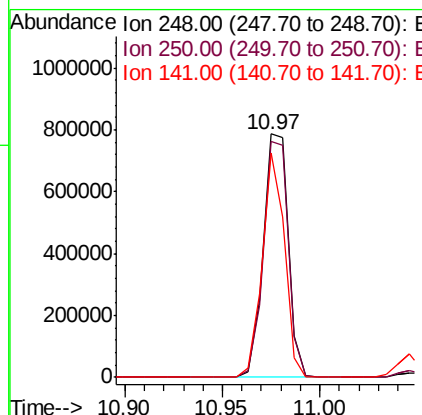
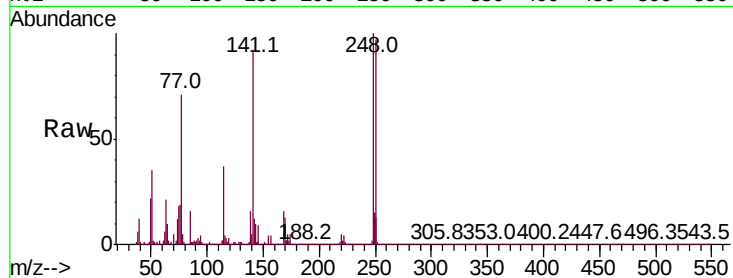




#67  
4-Bromophenyl-phenylether  
Concen: 40.750 ng  
RT: 10.97 min Scan# 1511  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

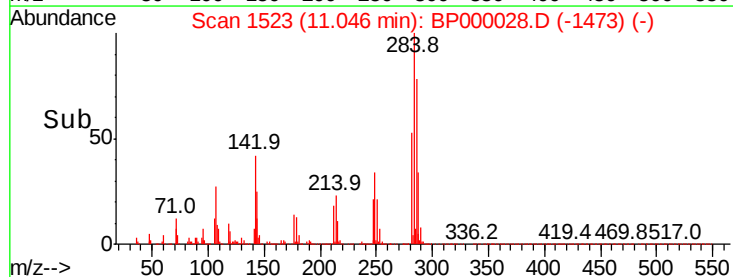
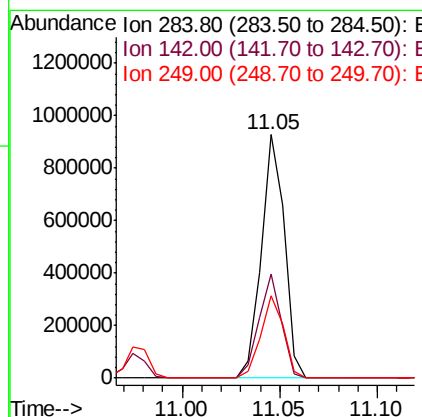
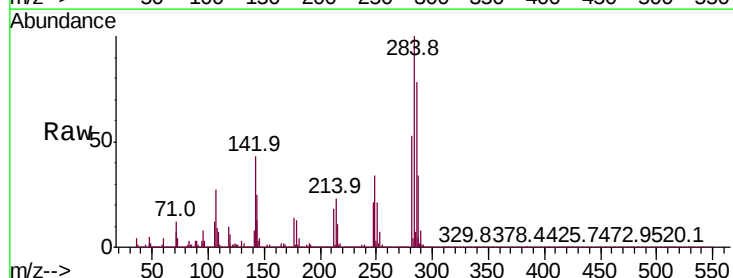
Instrument :  
BNA\_P  
ClientSampleId :

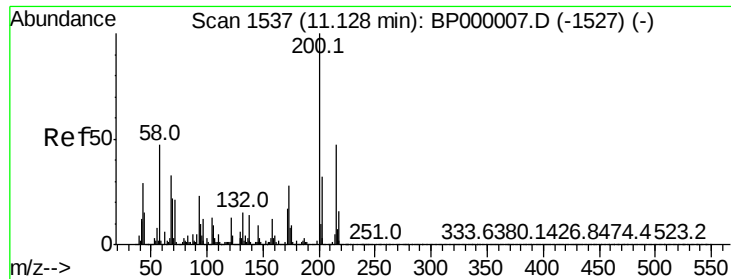
Tot Ion:248 Resp: 695456  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.1 115.7  
141 92.0 59.5 89.3#



#68  
Hexachlorobenzene  
Concen: 40.659 ng  
RT: 11.05 min Scan# 1523  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion:284 Resp: 756079  
Ion Ratio Lower Upper  
284 100  
142 42.6 27.0 40.4#  
249 33.6 24.9 37.3





#69

Atrazine

Concen: 38.458 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampled :

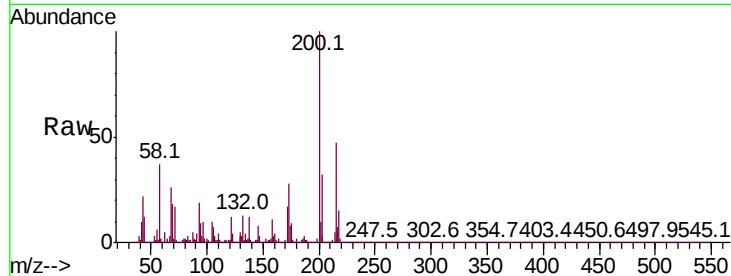
Tot Ion:200 Resp: 516008

Ion Ratio Lower Upper

200 100

173 27.7 8.1 48.1

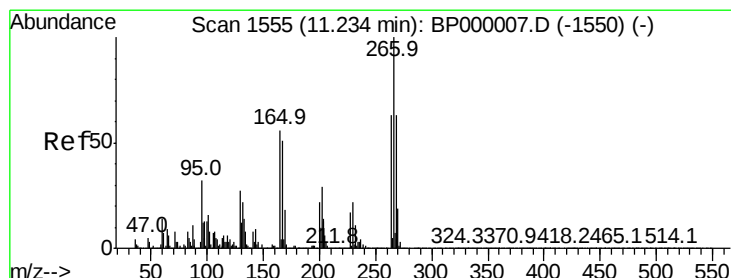
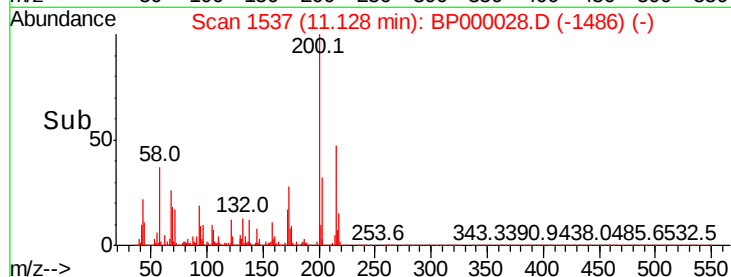
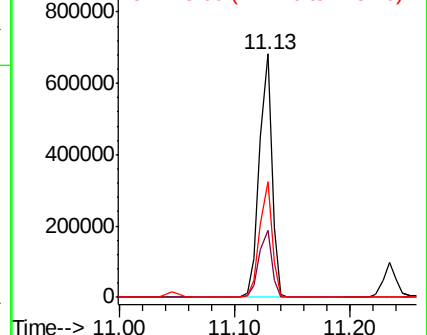
215 47.4 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.466 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

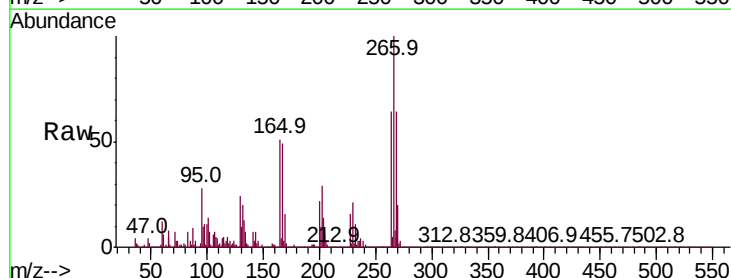
Tgt Ion:266 Resp: 407743

Ion Ratio Lower Upper

266 100

268 63.8 50.1 75.1

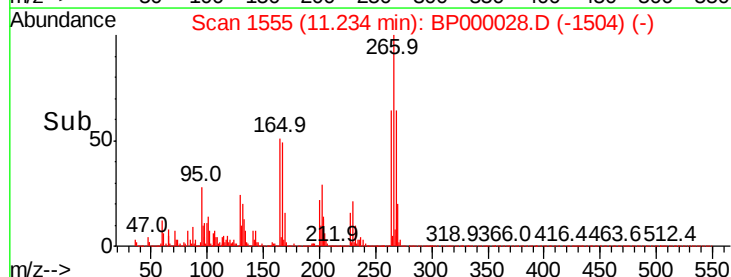
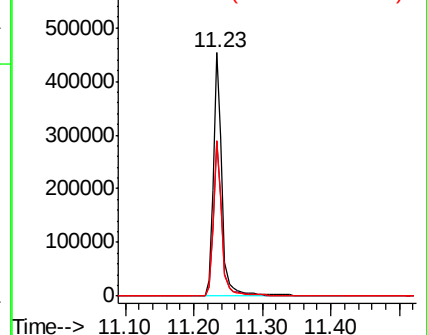
264 63.6 50.6 76.0

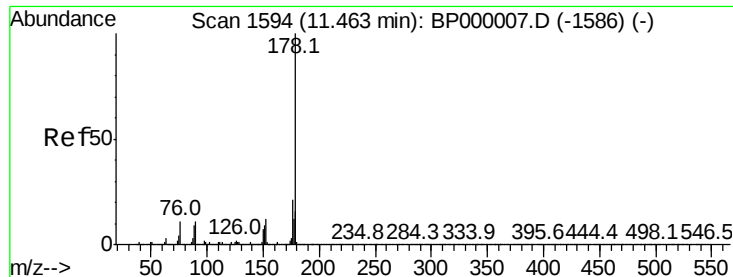


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.354 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampled :

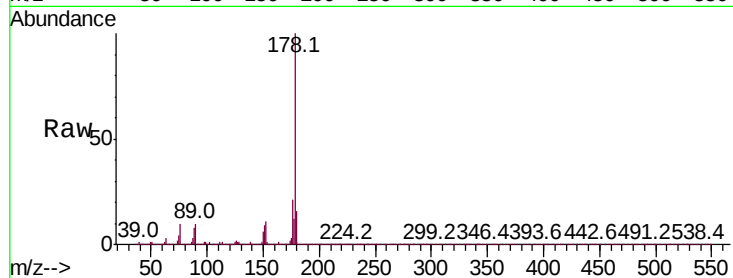
Tot Ion:178 Resp: 3461378

Ion Ratio Lower Upper

178 100

176 20.6 16.7 25.1

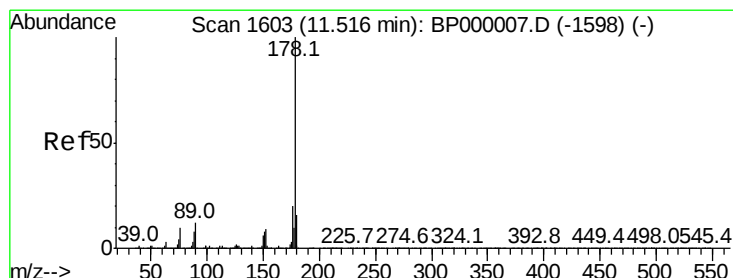
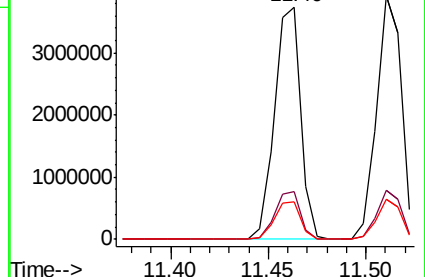
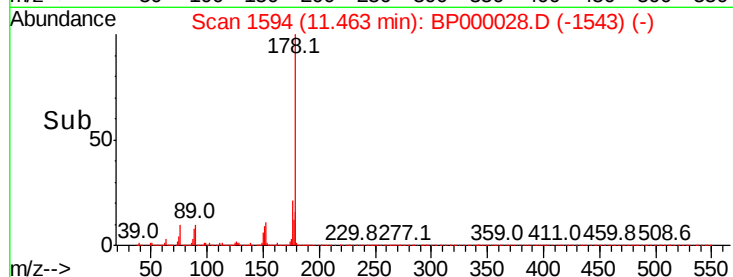
179 16.0 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.716 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

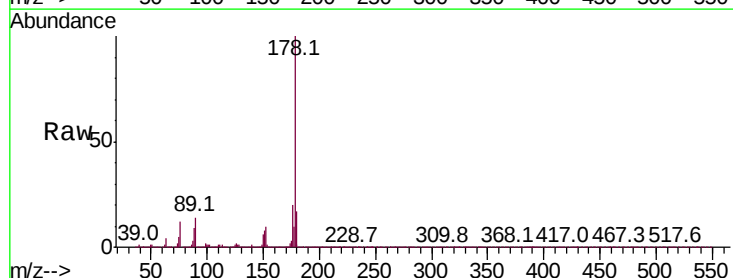
Tgt Ion:178 Resp: 3449275

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

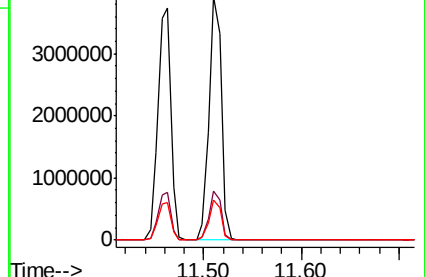
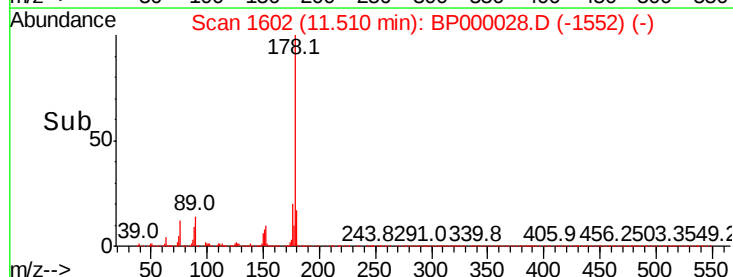
179 16.6 13.0 19.6

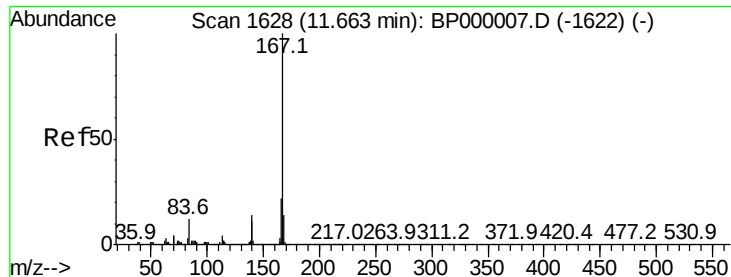


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



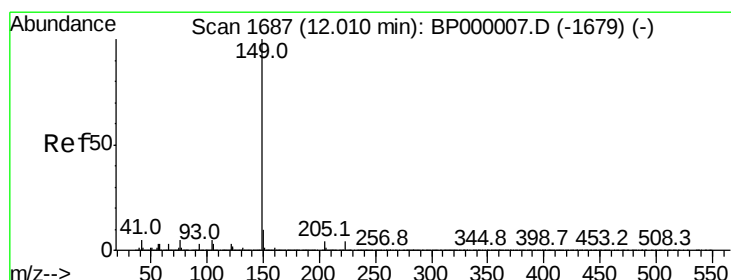
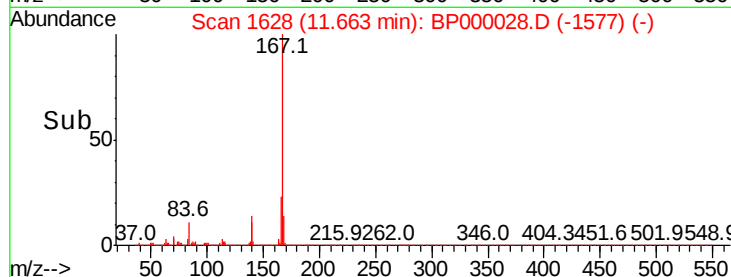
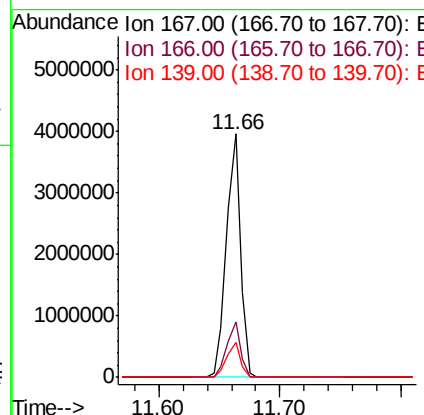
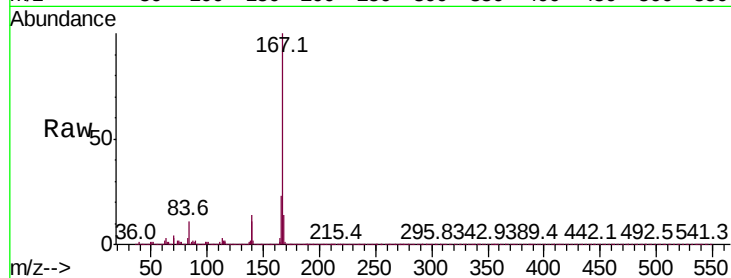


#73  
 Carbazole  
 Concen: 41.048 ng  
 RT: 11.66 min Scan# 1628  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:167 Resp: 3203621  

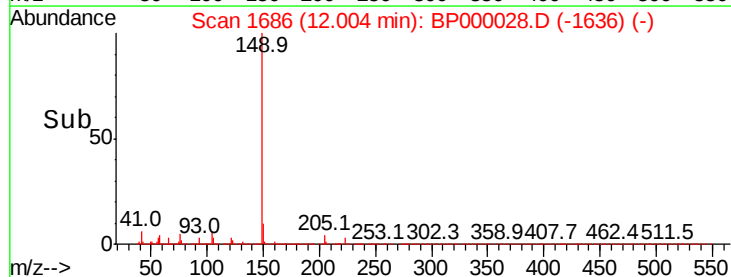
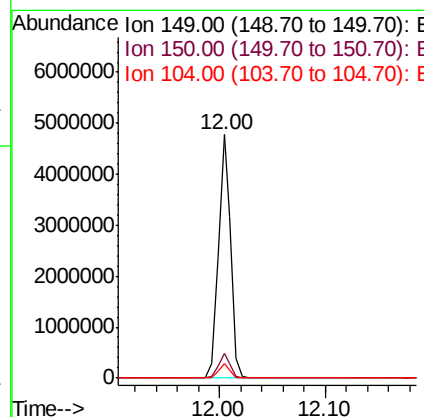
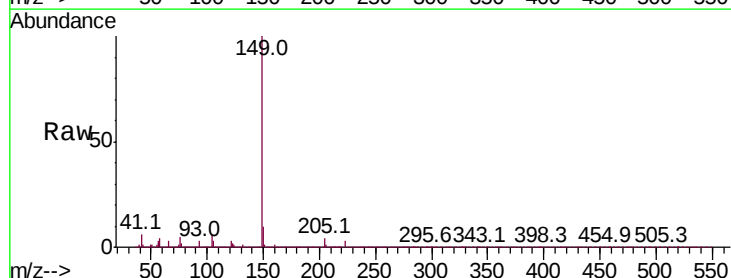
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.7  | 17.9  | 26.9  |
| 139 | 14.3  | 11.4  | 17.2  |

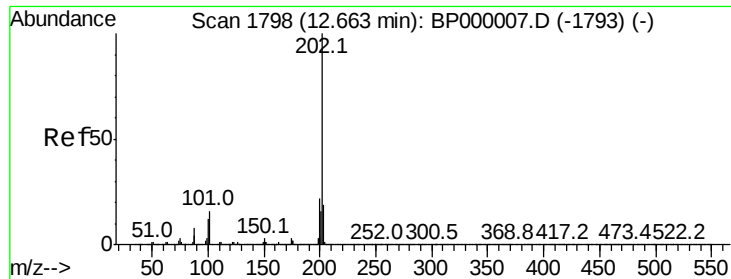


#74  
 Di-n-butylphthalate  
 Concen: 41.172 ng  
 RT: 12.00 min Scan# 1686  
 Delta R.T. -0.01 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Tgt Ion:149 Resp: 3896273  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.1  | 8.0   | 12.0  |
| 104 | 5.8   | 4.4   | 6.6   |

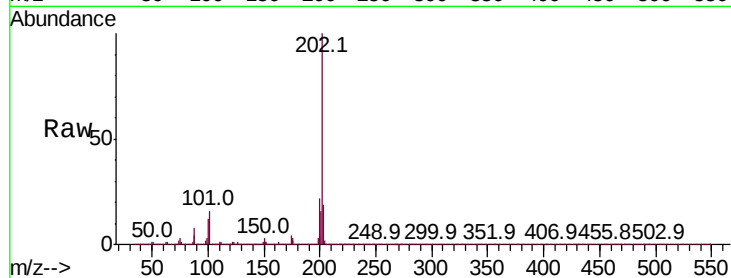




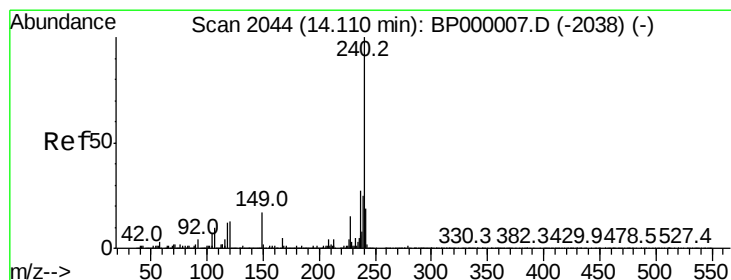
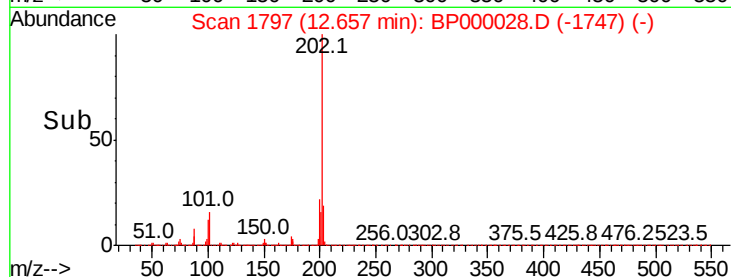
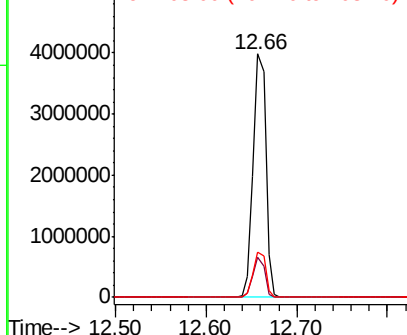
#75  
Fluoranthene  
Concen: 41.926 ng  
RT: 12.66 min Scan# 1797  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Instrument :  
BNA\_P  
ClientSampled :

Tot Ion:202 Resp: 3813457  
Ion Ratio Lower Upper  
202 100  
101 16.3 0.0 36.4  
203 18.7 0.0 38.7

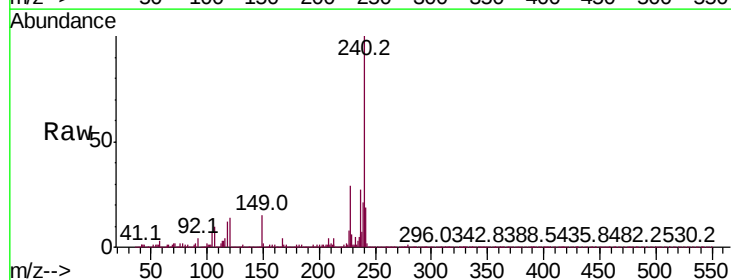


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

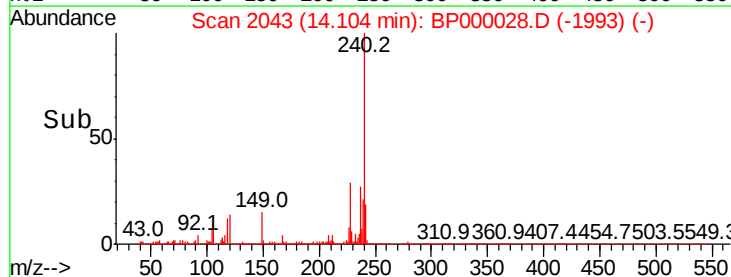
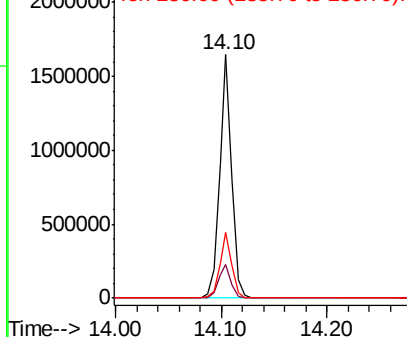


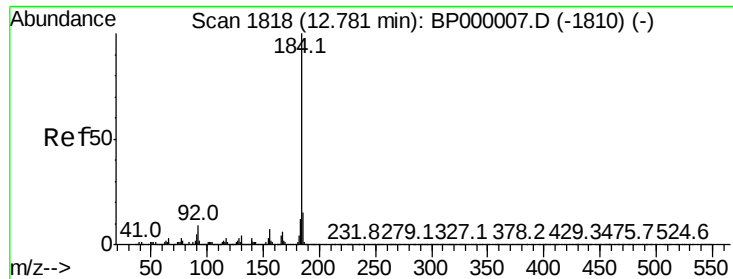
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.10 min Scan# 2043  
Delta R.T. -0.01 min  
Lab File: BP000028.D  
Acq: 31 Aug 2019 03:21

Tgt Ion:240 Resp: 1317839  
Ion Ratio Lower Upper  
240 100  
120 14.0 10.5 15.7  
236 26.8 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.374 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

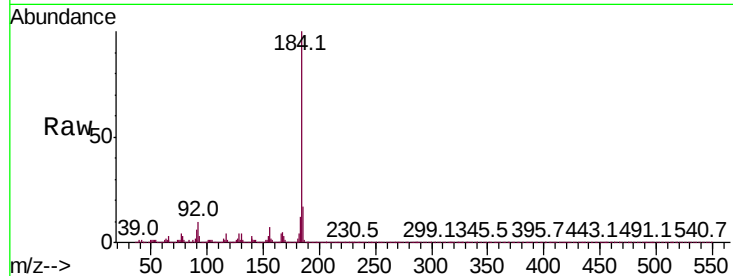
Tot Ion:184 Resp: 1562929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 17.2  | 11.8  | 17.8  |
| 183 | 11.6  | 9.4   | 14.0  |

184 100

185 17.2 11.8 17.8

183 11.6 9.4 14.0

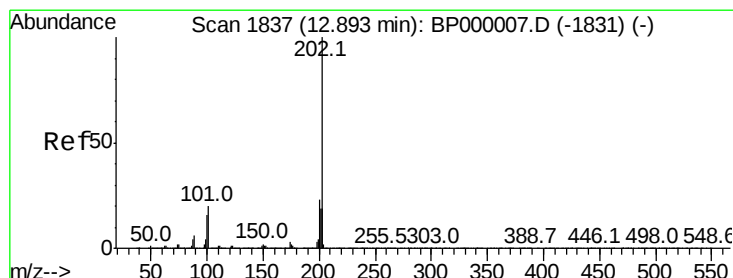
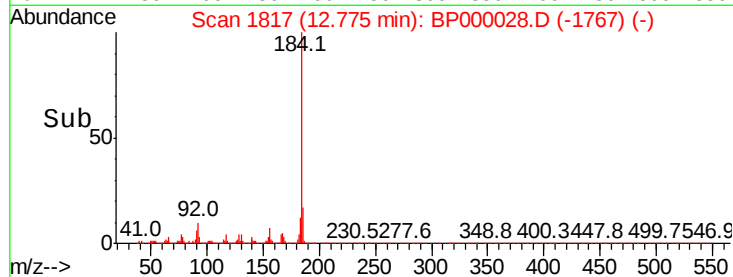
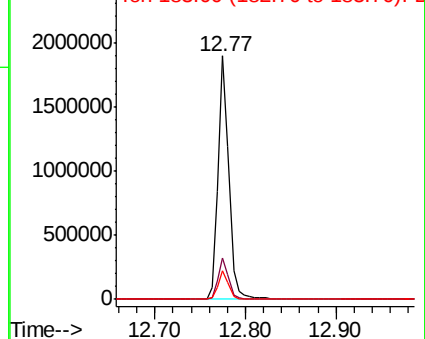


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.044 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

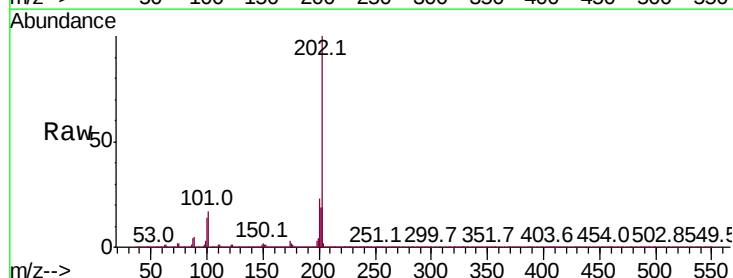
Tgt Ion:202 Resp: 3882192

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.2  | 18.5  | 27.7  |
| 203 | 18.6  | 15.1  | 22.7  |

202 100

200 23.2 18.5 27.7

203 18.6 15.1 22.7

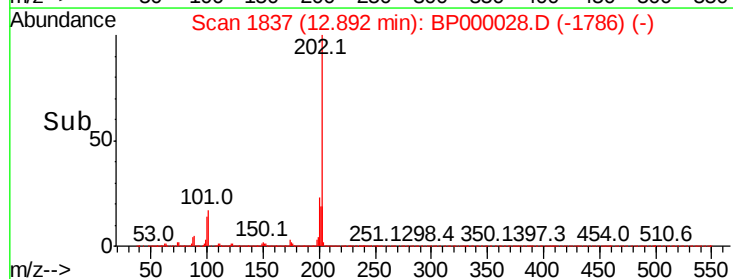
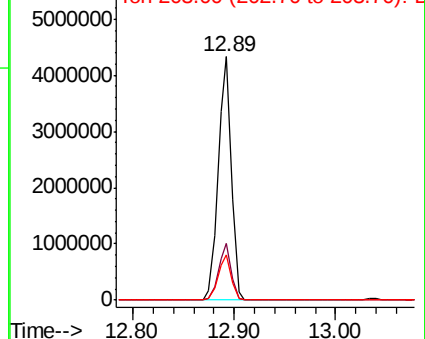


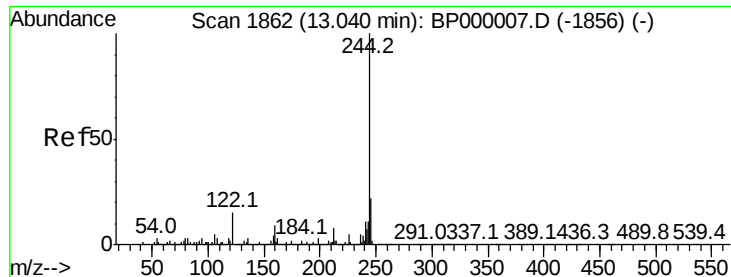
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.837 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

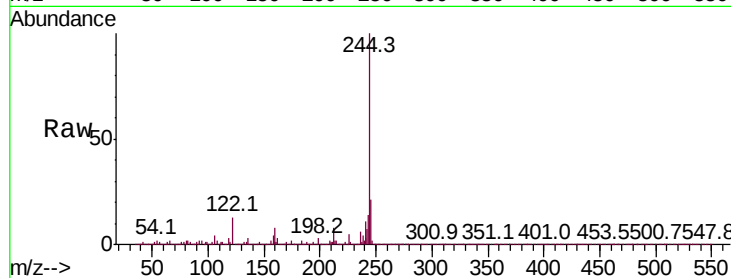
Tot Ion:244 Resp: 4706172

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

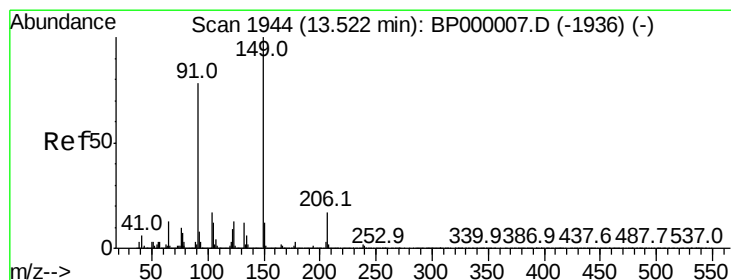
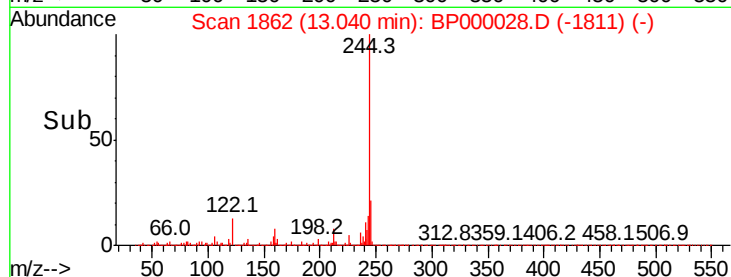
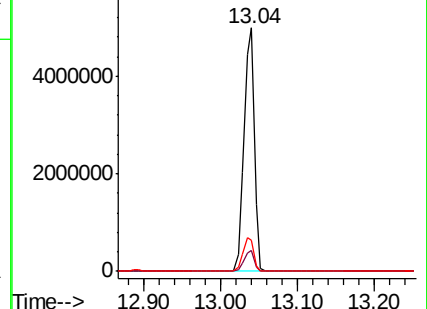
122 12.9 12.3 18.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.501 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

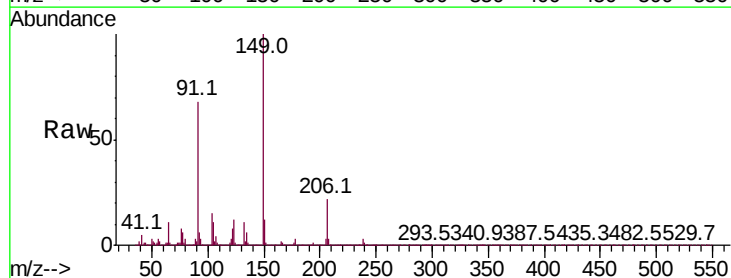
Tgt Ion:149 Resp: 1663094

Ion Ratio Lower Upper

149 100

91 67.7 62.7 94.1

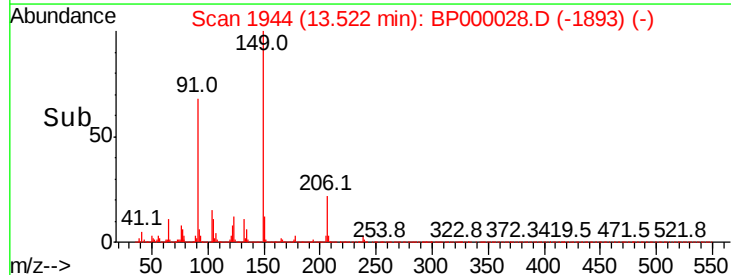
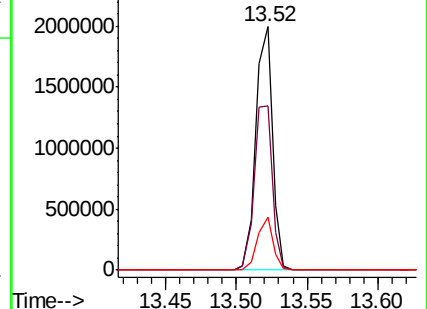
206 21.9 13.8 20.6#

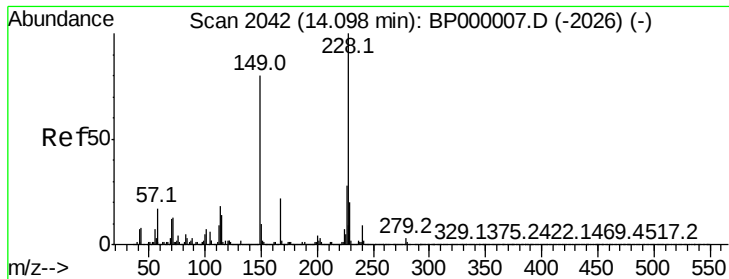


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.745 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

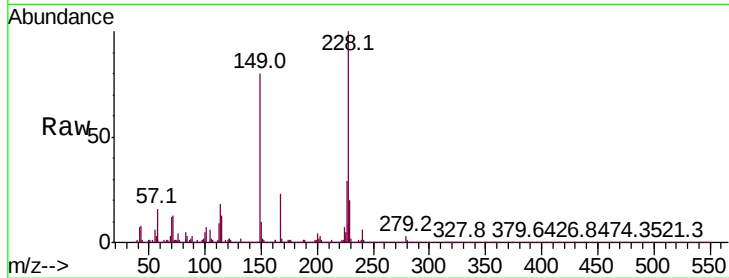
Instrument :

BNA\_P

ClientSampled :

Tot Ion:228 Resp: 3394030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.5  | 22.5  | 33.7  |
| 229 | 20.5  | 16.2  | 24.2  |

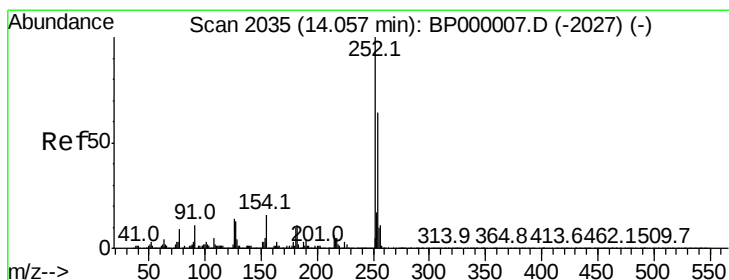
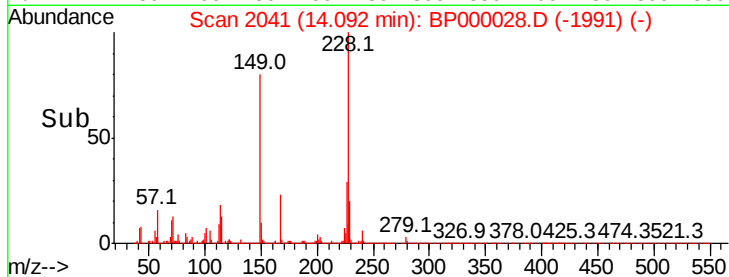
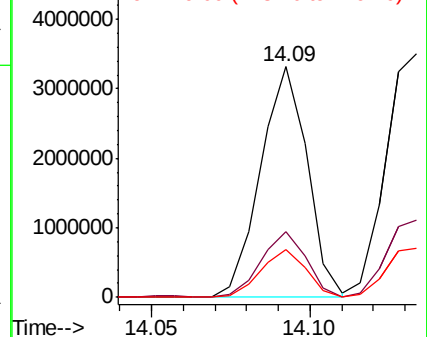


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 39.819 ng

RT: 14.05 min Scan# 2034

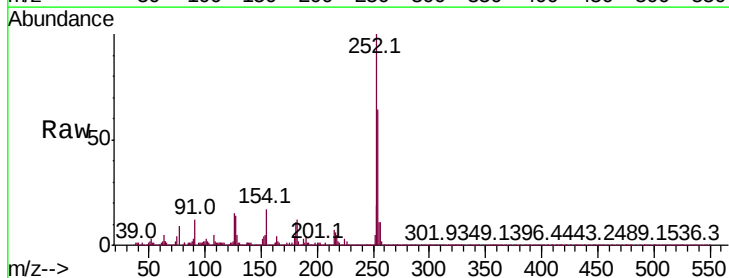
Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:252 Resp: 1254436

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.6  | 51.4  | 77.0  |
| 126 | 15.2  | 11.1  | 16.7  |

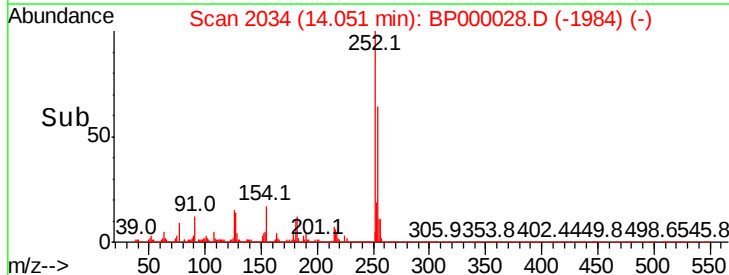
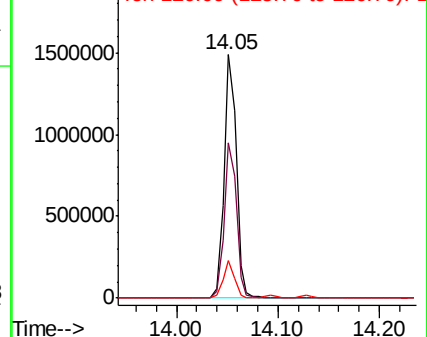


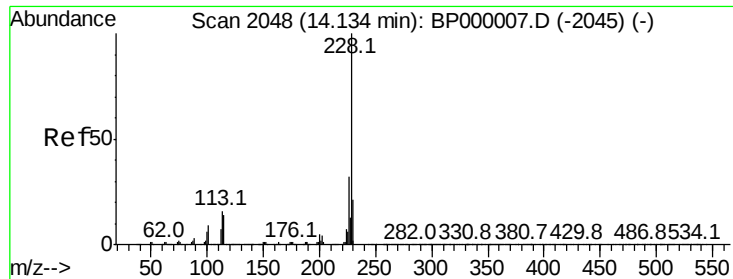
Abundance

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



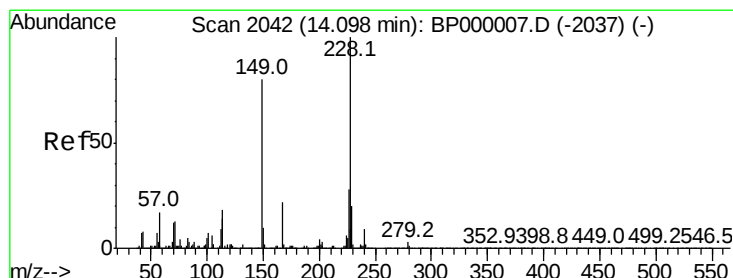
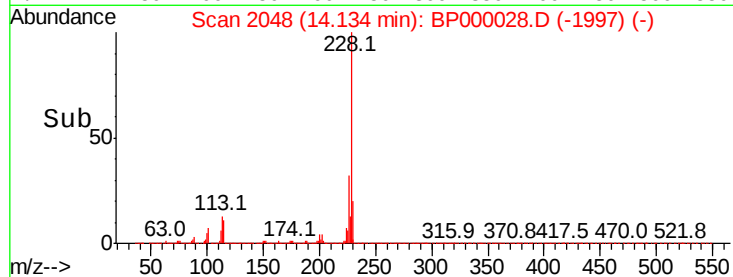
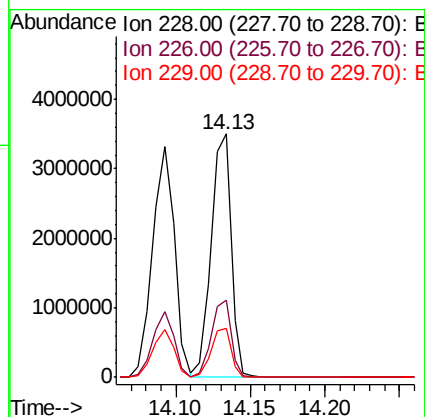
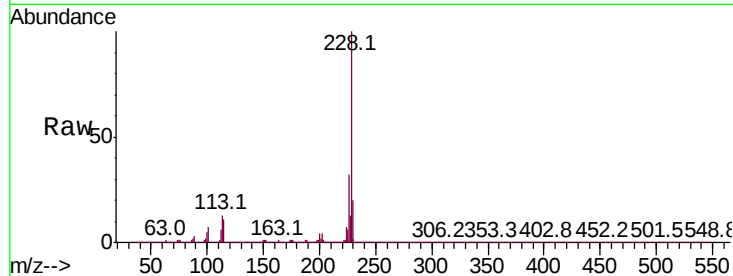


#83  
 Chrysene  
 Concen: 40.162 ng  
 RT: 14.13 min Scan# 2048  
 Delta R.T. -0.00 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Instrument :  
 BNA\_P  
 ClientSampleId :

Tot Ion:228 Resp: 3244037  

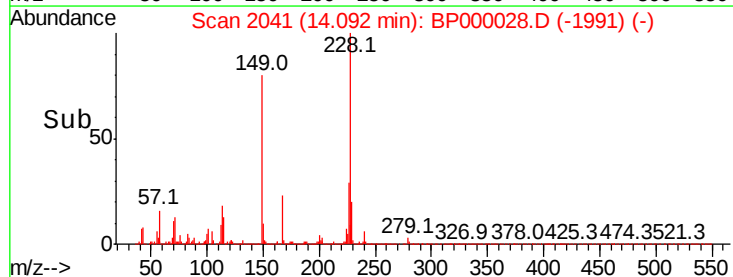
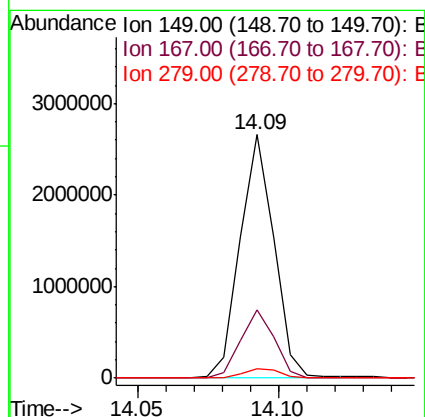
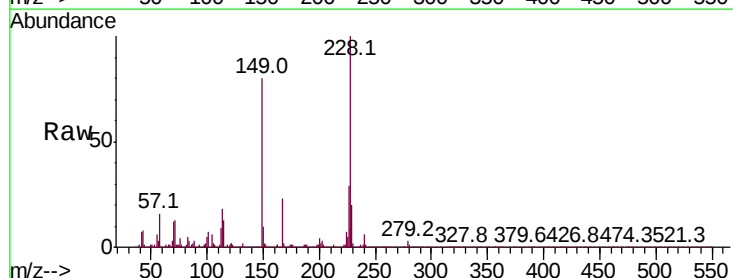
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.6  | 25.5  | 38.3  |
| 229 | 20.3  | 16.5  | 24.7  |

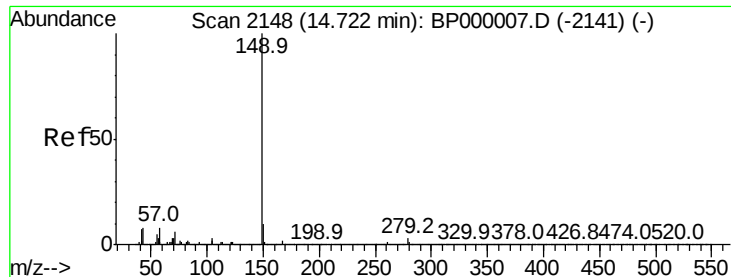


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.463 ng  
 RT: 14.09 min Scan# 2041  
 Delta R.T. -0.01 min  
 Lab File: BP000028.D  
 Acq: 31 Aug 2019 03:21

Tgt Ion:149 Resp: 2218363  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.2  | 22.4  | 33.6  |
| 279 | 4.0   | 3.1   | 4.7   |





#85

Di-n-octyl phthalate

Concen: 39.517 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

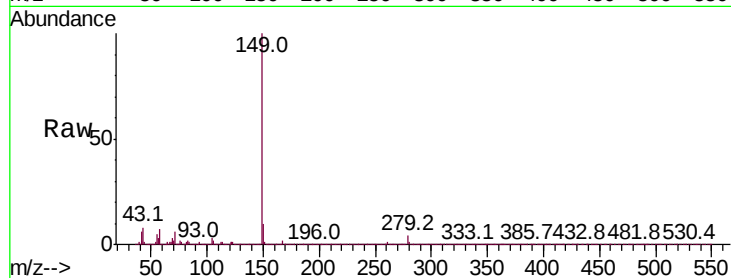
Tot Ion:149 Resp: 3914562

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

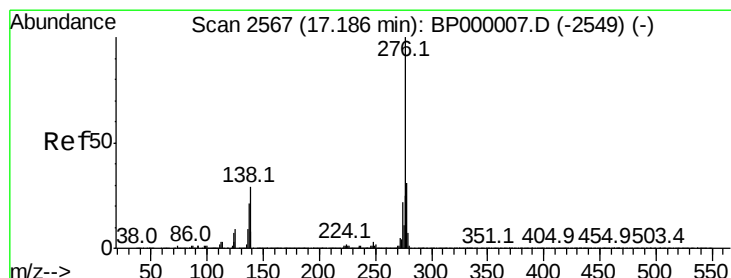
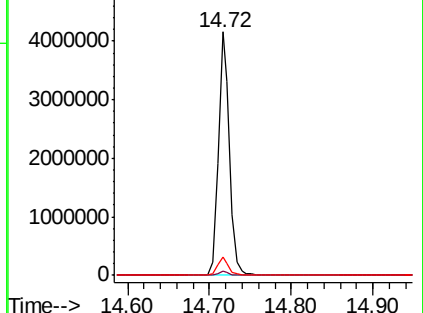
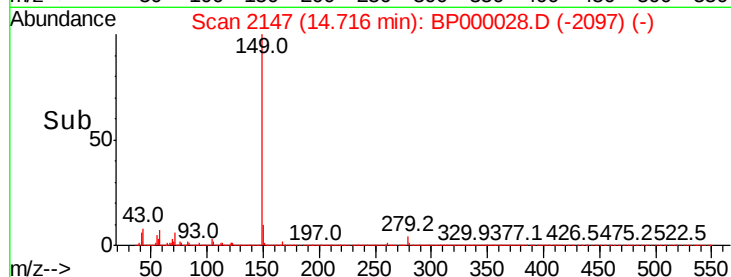
43 7.8 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.075 ng

RT: 17.17 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

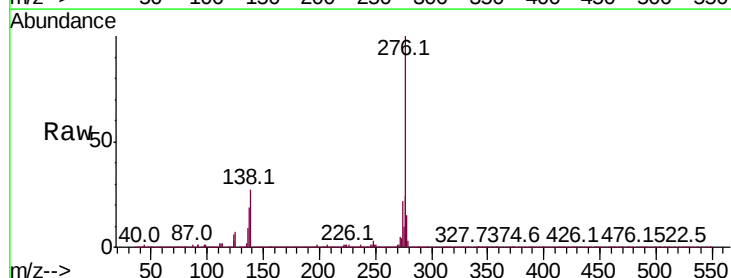
Tgt Ion:276 Resp: 3954951

Ion Ratio Lower Upper

276 100

138 32.0 26.5 39.7

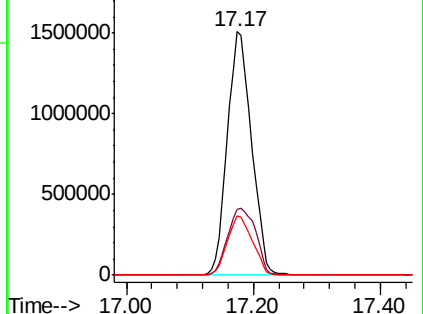
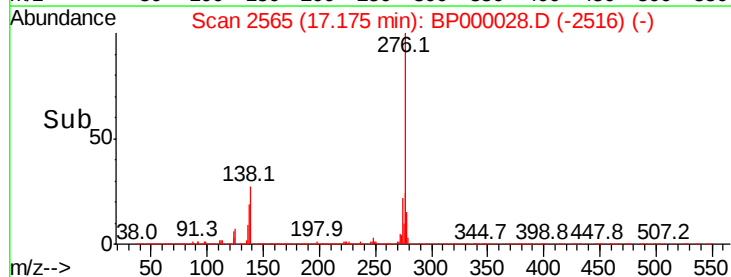
277 25.3 20.3 30.5

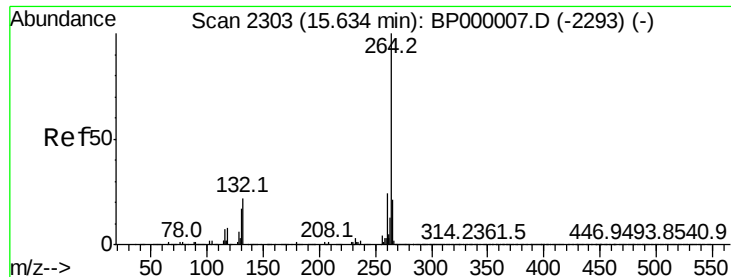


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

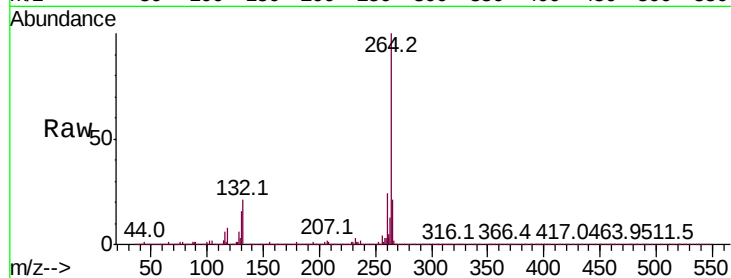
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:264 Resp: 1428208

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.9  | 19.1  | 28.7  |
| 265 | 21.5  | 17.1  | 25.7  |

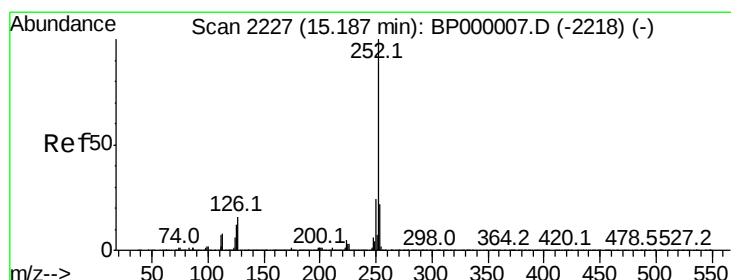
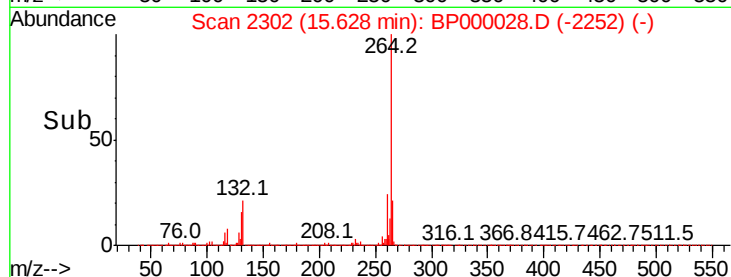
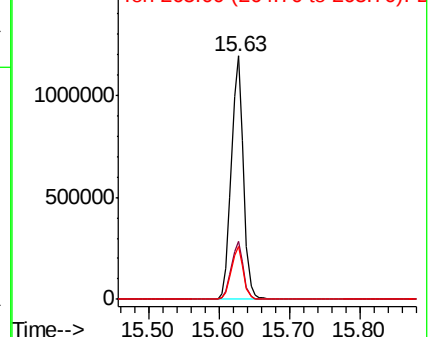


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.470 ng

RT: 15.17 min Scan# 2225

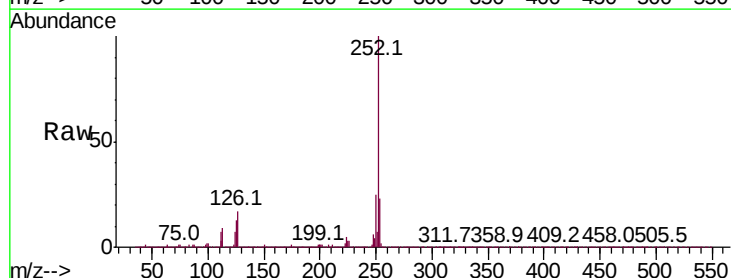
Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:252 Resp: 3530522

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.8  | 26.6  |
| 125 | 13.1  | 9.4   | 14.2  |

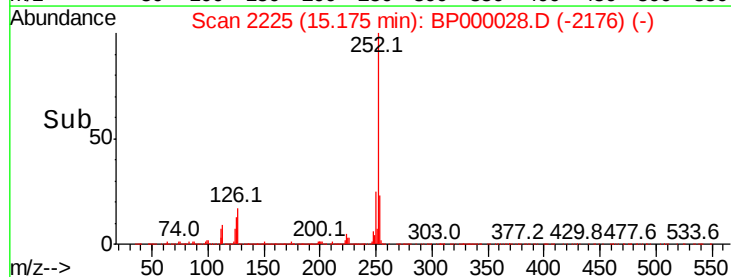
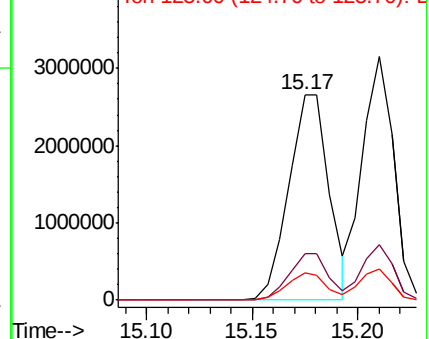


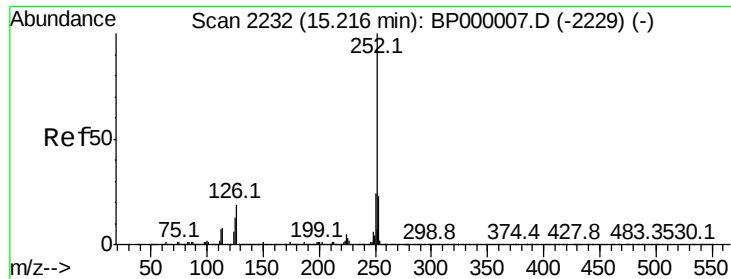
Abundance

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: 41.452 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

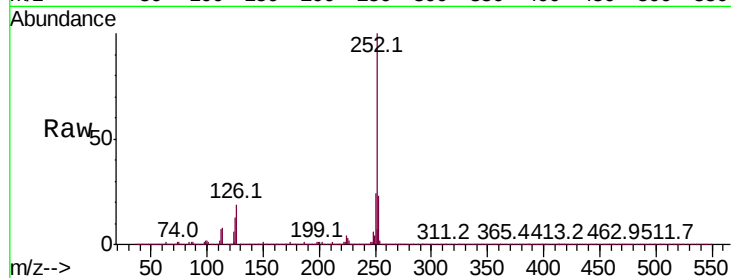
Instrument :

BNA\_P

ClientSampleId :

Tot Ion:252 Resp: 3309217

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.7  | 18.0  | 27.0  |
| 125 | 12.8  | 10.3  | 15.5  |

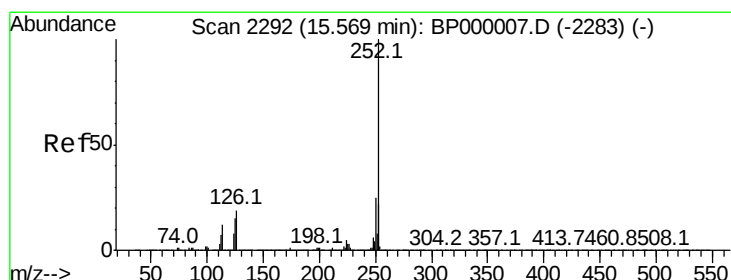
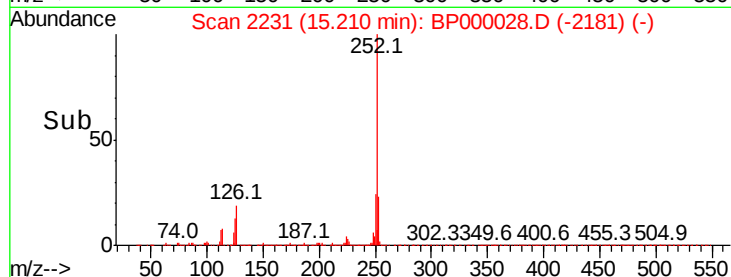
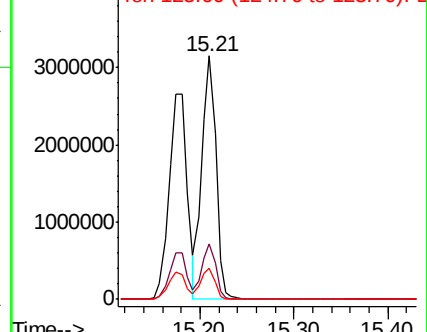


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.998 ng

RT: 15.56 min Scan# 2291

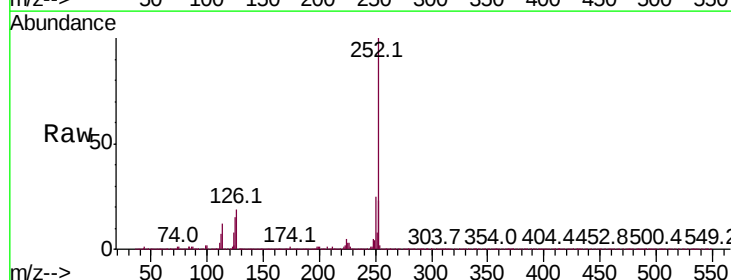
Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Tgt Ion:252 Resp: 3228550

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.5  | 26.3  |
| 125 | 15.0  | 11.7  | 17.5  |

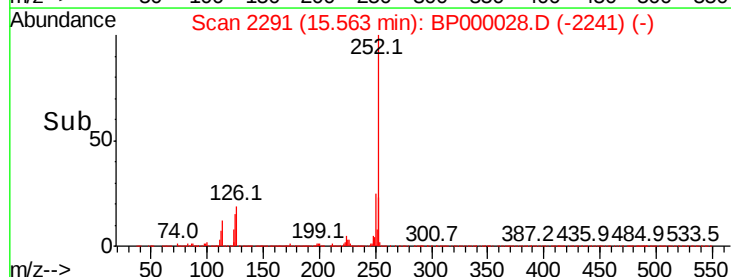
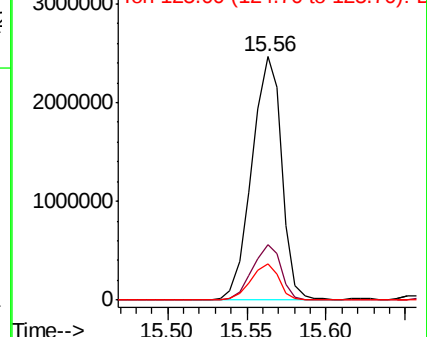


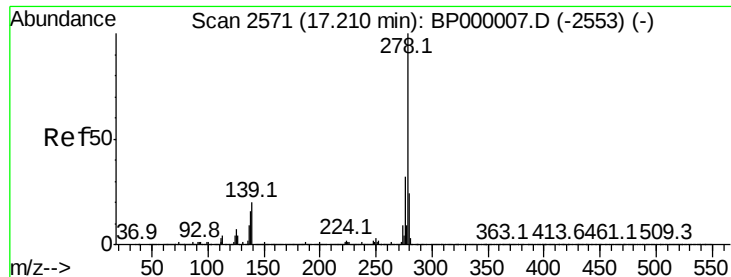
Abundance

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

Dibenzo(a,h)anthracene

Concen: 41.033 ng

RT: 17.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

Instrument :

BNA\_P

ClientSampleId :

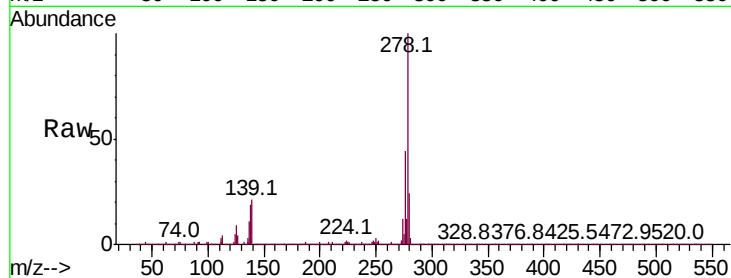
Tot Ion:278 Resp: 3231454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 21.2  | 16.4  | 24.6  |
| 279 | 23.9  | 19.2  | 28.8  |

278 100

139 21.2 16.4 24.6

279 23.9 19.2 28.8

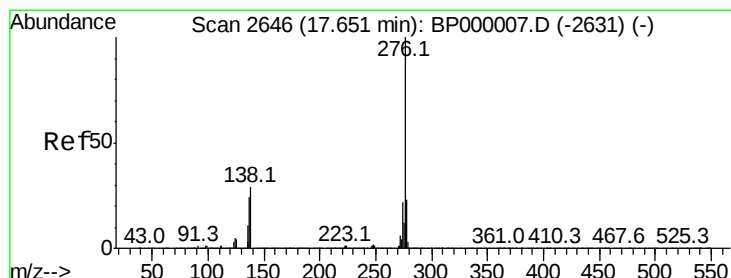
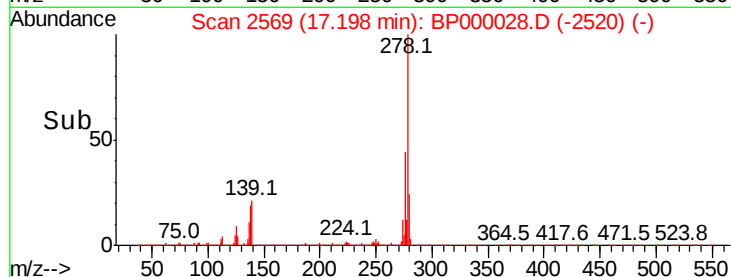
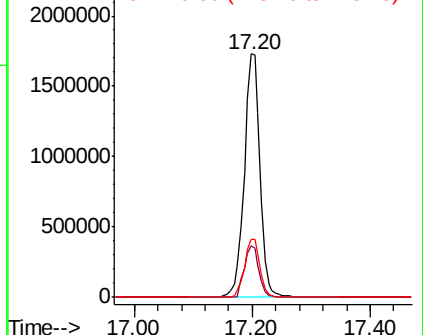


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 40.356 ng

RT: 17.65 min Scan# 2645

Delta R.T. -0.01 min

Lab File: BP000028.D

Acq: 31 Aug 2019 03:21

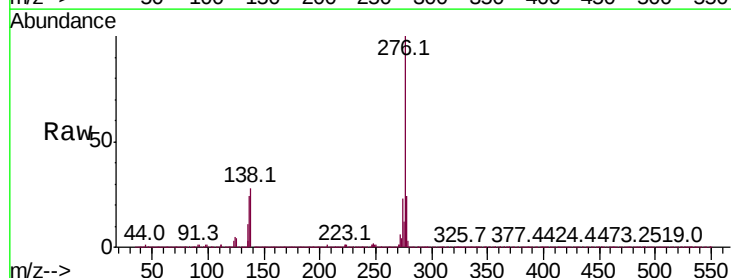
Tgt Ion:276 Resp: 3145618

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.2  | 18.6  | 28.0  |
| 138 | 28.5  | 23.0  | 34.4  |

276 100

277 24.2 18.6 28.0

138 28.5 23.0 34.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

