

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020224\  
 Data File : BP019537.D  
 Acq On : 02 Feb 2024 20:43  
 Operator : MA/JU  
 Sample : PB158270BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB158270BL

Quant Time: Feb 02 23:56:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.910  | 152  | 87830    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.710 | 136  | 334042   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.539 | 164  | 222040   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.298 | 188  | 476169   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.386 | 240  | 332198   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.804 | 264  | 404210   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 741171   | 136.025 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.081  | 99   | 964794   | 131.319 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 652579   | 84.652  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.033 | 330  | 444185   | 137.012 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 1510558  | 84.102  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.863 | 244  | 2019216  | 99.961  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.358  | 88   | 85       | 0.040   | ng    | # 1      |
| 3) Pyridine                   | 3.787  | 79   | 126      | 0.022   | ng    | # 1      |
| 4) n-Nitrosodimethylamine     | 3.705  | 42   | 133      | 0.054   | ng    | # 1      |
| 6) Aniline                    | 7.257  | 93   | 127      | 0.018   | ng    | # 89     |
| 8) 2-Chlorophenol             | 7.457  | 128  | 14       | 0.003   | ng    | # 96     |
| 9) Benzaldehyde               | 7.087  | 77   | 2199     | 0.427   | ng    | # 5      |
| 10) Phenol                    | 7.346  | 94   | 40       | 0.005   | ng    | # 75     |
| 11) bis(2-Chloroethyl)ether   | 7.322  | 93   | 89       | 0.016   | ng    | # 46     |
| 12) 1,3-Dichlorobenzene       | 7.793  | 146  | 7        | 0.001   | ng    | # 64     |
| 13) 1,4-Dichlorobenzene       | 7.981  | 146  | 12       | 0.002   | ng    | # 73     |
| 14) 1,2-Dichlorobenzene       | 8.269  | 146  | 6        | 0.001   | ng    | # 1      |
| 15) Benzyl Alcohol            | 8.163  | 79   | 103      | 0.018   | ng    | # 33     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.440  | 45   | 53       | 0.009   | ng    | # 1      |
| 17) 2-Methylphenol            | 8.363  | 107  | 22       | 0.004   | ng    | # 1      |
| 18) Hexachloroethane          | 8.951  | 117  | 22       | 0.008   | ng    | # 32     |
| 19) n-Nitroso-di-n-propyla... | 8.675  | 70   | 28       | 0.006   | ng    | # 97     |
| 20) 3+4-Methylphenols         | 8.693  | 107  | 17       | 0.003   | ng    | # 1      |
| 22) Acetophenone              | 8.763  | 105  | 74       | 0.008   | ng    | # 1      |
| 24) Nitrobenzene              | 9.140  | 77   | 136      | 0.018   | ng    | # 51     |
| 25) Isophorone                | 9.646  | 82   | 36       | 0.003   | ng    | # 59     |
| 26) 2-Nitrophenol             | 9.834  | 139  | 3        | 0.001   | ng    | # 1      |
| 27) 2,4-Dimethylphenol        | 9.846  | 122  | 38       | 0.010   | ng    | # 84     |
| 28) bis(2-Chloroethoxy)met... | 10.375 | 93   | 12       | 0.002   | ng    | # 92     |
| 29) 2,4-Dichlorophenol        | 10.346 | 162  | 22       | 0.004   | ng    | # 1      |
| 30) 1,2,4-Trichlorobenzene    | 10.340 | 180  | 6        | 0.001   | ng    | # 89     |
| 31) Naphthalene               | 10.740 | 128  | 12       | 0.001   | ng    | # 93     |
| 32) Benzoic acid              | 10.081 | 122  | 20       | 0.005   | ng    | # 1      |
| 33) 4-Chloroaniline           | 10.869 | 127  | 25       | 0.004   | ng    | # 11     |
| 34) Hexachlorobutadiene       | 10.816 | 225  | 4        | 0.001   | ng    | # 96     |
| 35) Caprolactam               | 11.657 | 113  | 3        | 0.002   | ng    | # 1      |
| 36) 4-Chloro-3-methylphenol   | 11.798 | 107  | 19       | 0.003   | ng    | # 90     |
| 37) 2-Methylnaphthalene       | 12.363 | 142  | 25       | 0.002   | ng    | # 85     |
| 38) 1-Methylnaphthalene       | 12.363 | 142  | 25       | 0.002   | ng    | # 84     |
| 40) 1,2,4,5-Tetrachloroben... | 12.710 | 216  | 5        | 0.001   | ng    | # 1      |
| 41) Hexachlorocyclopentadiene | 12.722 | 237  | 7        | 0.002   | ng    | # 73     |
| 43) 2,4,6-Trichlorophenol     | 12.963 | 196  | 17       | 0.003   | ng    | # 39     |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020224\  
 Data File : BP019537.D  
 Acq On : 02 Feb 2024 20:43  
 Operator : MA/JU  
 Sample : PB158270BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

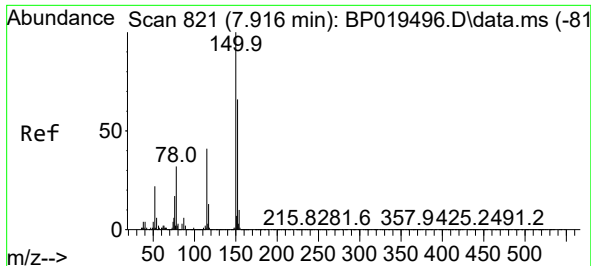
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 BNA\_P  
 ClientSampleId :  
 PB158270BL

Quant Time: Feb 02 23:56:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.034 | 196  | 6        | 0.001 | ng    | # 33     |
| 46) 1,1'-Biphenyl              | 13.169 | 154  | 2922     | 0.165 | ng    | # 1      |
| 47) 2-Chloronaphthalene        | 13.422 | 162  | 29       | 0.002 | ng    | # 81     |
| 48) 2-Nitroaniline             | 13.622 | 65   | 30       | 0.007 | ng    | # 58     |
| 49) Acenaphthylene             | 14.381 | 152  | 20       | 0.001 | ng    | # 98     |
| 50) Dimethylphthalate          | 13.898 | 163  | 67       | 0.004 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene         | 14.128 | 165  | 39       | 0.010 | ng    | # 43     |
| 52) Acenaphthene               | 14.545 | 154  | 813      | 0.064 | ng    | # 7      |
| 53) 3-Nitroaniline             | 14.463 | 138  | 10       | 0.003 | ng    | # 87     |
| 54) 2,4-Dinitrophenol          | 14.651 | 184  | 15       | 0.008 | ng    | # 1      |
| 55) Dibenzofuran               | 14.951 | 168  | 27       | 0.001 | ng    | # 69     |
| 56) 4-Nitrophenol              | 14.763 | 139  | 21       | 0.007 | ng    | # 30     |
| 57) 2,4-Dinitrotoluene         | 14.881 | 165  | 28       | 0.006 | ng    | # 57     |
| 58) Fluorene                   | 15.334 | 166  | 13       | 0.001 | ng    | # 92     |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.175 | 232  | 13       | 0.003 | ng    | # 27     |
| 60) Diethylphthalate           | 15.381 | 149  | 160      | 0.009 | ng    | # 83     |
| 61) 4-Chlorophenyl-phenylether | 15.610 | 204  | 11       | 0.001 | ng    | # 36     |
| 62) 4-Nitroaniline             | 15.539 | 138  | 16       | 0.004 | ng    | # 88     |
| 63) Azobenzene                 | 15.851 | 77   | 77       | 0.005 | ng    | # 84     |
| 65) 4,6-Dinitro-2-methylph...  | 15.669 | 198  | 6        | 0.002 | ng    | # 23     |
| 66) n-Nitrosodiphenylamine     | 16.033 | 169  | 13965    | 0.979 | ng    | # 50     |
| 67) 4-Bromophenyl-phenylether  | 16.498 | 248  | 15       | 0.003 | ng    | # 1      |
| 68) Hexachlorobenzene          | 16.475 | 284  | 36       | 0.005 | ng    | # 95     |
| 69) Atrazine                   | 16.769 | 200  | 4        | 0.001 | ng    | # 1      |
| 70) Pentachlorophenol          | 16.939 | 266  | 23       | 0.005 | ng    | # 97     |
| 71) Phenanthrene               | 17.351 | 178  | 110      | 0.004 | ng    | # 91     |
| 72) Anthracene                 | 17.439 | 178  | 154      | 0.006 | ng    | # 64     |
| 73) Carbazole                  | 17.704 | 167  | 130      | 0.006 | ng    | # 90     |
| 74) Di-n-butylphthalate        | 18.316 | 149  | 48       | 0.002 | ng    | # 99     |
| 75) Fluoranthene               | 19.380 | 202  | 26       | 0.001 | ng    | # 75     |
| 77) Benzidine                  | 19.522 | 184  | 252      | 0.036 | ng    | # 87     |
| 78) Pyrene                     | 19.863 | 202  | 7643     | 0.326 | ng    | # 69     |
| 80) Butylbenzylphthalate       | 20.810 | 149  | 131      | 0.015 | ng    | # 86     |
| 81) Benzo(a)anthracene         | 21.386 | 228  | 1263     | 0.054 | ng    | # 68     |
| 82) 3,3'-Dichlorobenzidine     | 21.292 | 252  | 26       | 0.003 | ng    | # 41     |
| 83) Chrysene                   | 21.427 | 228  | 401      | 0.018 | ng    | # 81     |
| 84) Bis(2-ethylhexyl)phtha...  | 21.286 | 149  | 145      | 0.011 | ng    | # 93     |
| 85) Di-n-octyl phthalate       | 22.280 | 149  | 135      | 0.006 | ng    | # 1      |
| 87) Indeno(1,2,3-cd)pyrene     | 26.327 | 276  | 308      | 0.010 | ng    | # 54     |
| 88) Benzo(b)fluoranthene       | 23.057 | 252  | 788      | 0.031 | ng    | # 38     |
| 89) Benzo(k)fluoranthene       | 23.121 | 252  | 853      | 0.035 | ng    | # 30     |
| 90) Benzo(a)pyrene             | 23.692 | 252  | 518      | 0.023 | ng    | # 27     |
| 91) Dibenzo(a,h)anthracene     | 26.345 | 278  | 121      | 0.005 | ng    | # 1      |
| 92) Benzo(g,h,i)perylene       | 27.103 | 276  | 296      | 0.011 | ng    | # 81     |

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

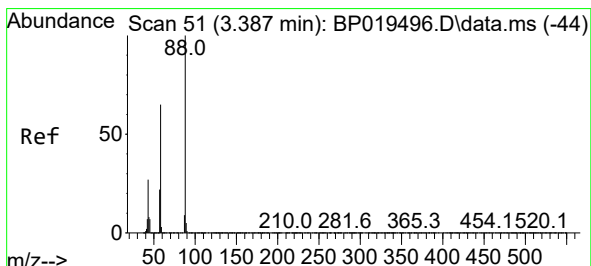
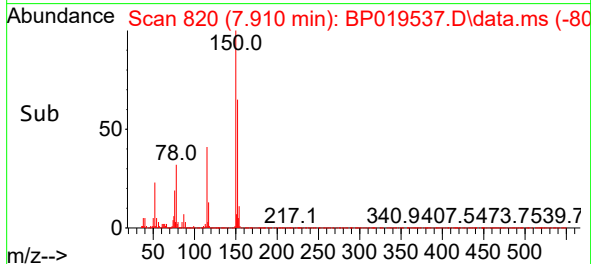
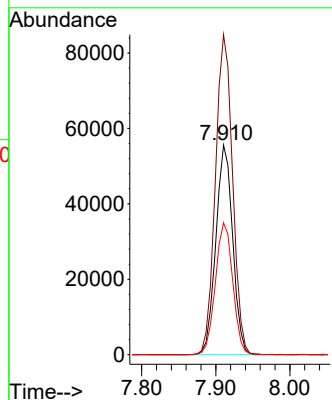
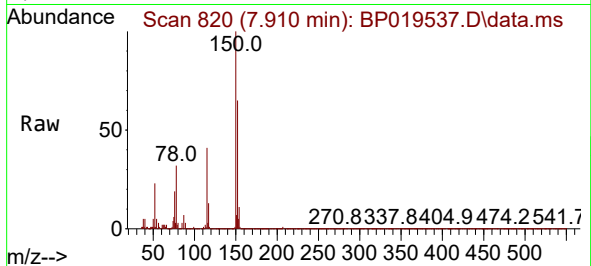




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.910 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

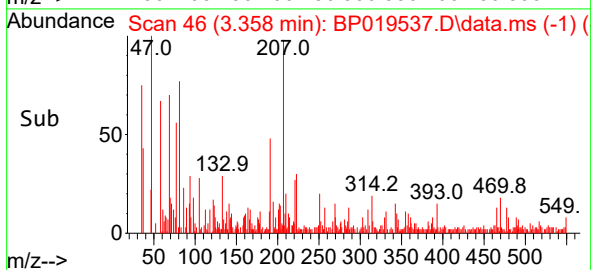
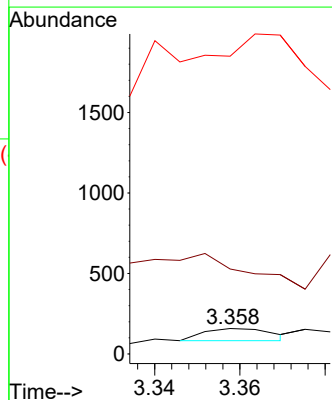
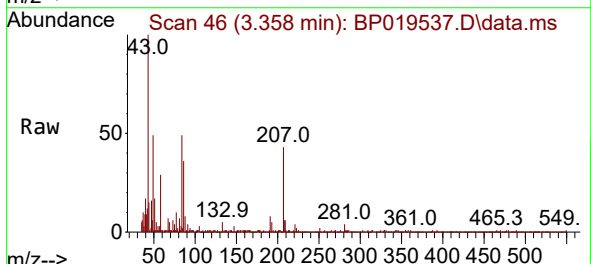
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

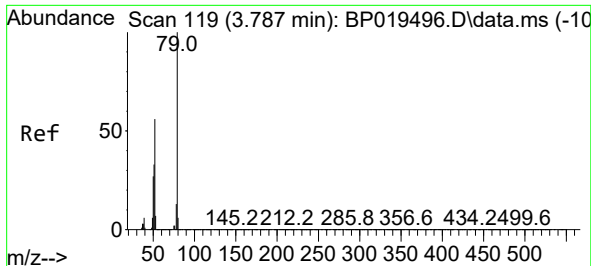
Tgt Ion:152 Resp: 87830  
Ion Ratio Lower Upper  
152 100  
150 152.7 121.8 182.8  
115 62.9 49.9 74.9



#2  
1,4-Dioxane  
Concen: 0.040 ng  
RT: 3.358 min Scan# 46  
Delta R.T. -0.029 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion: 88 Resp: 85  
Ion Ratio Lower Upper  
88 100  
58 440.0 52.6 78.8#  
43 970.6 21.9 32.9#





#3

Pyridine

Concen: 0.022 ng

RT: 3.787 min Scan# 119

Delta R.T. 0.000 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

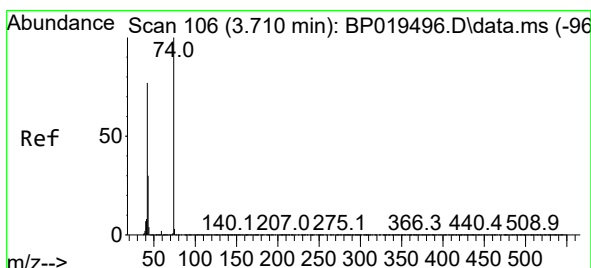
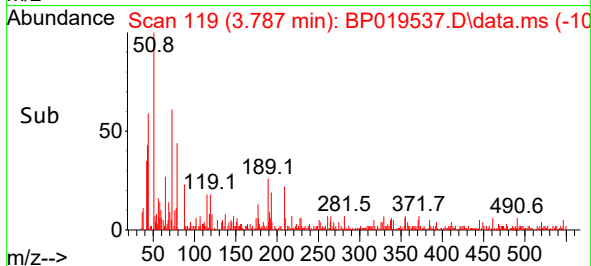
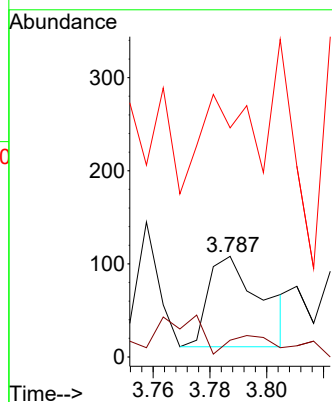
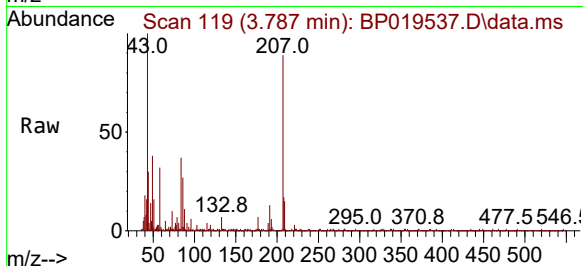
Tgt Ion: 79 Resp: 126

Ion Ratio Lower Upper

79 100

52 16.7 45.0 67.6#

51 227.8 26.8 40.2#



#4

n-Nitrosodimethylamine

Concen: 0.054 ng

RT: 3.705 min Scan# 105

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

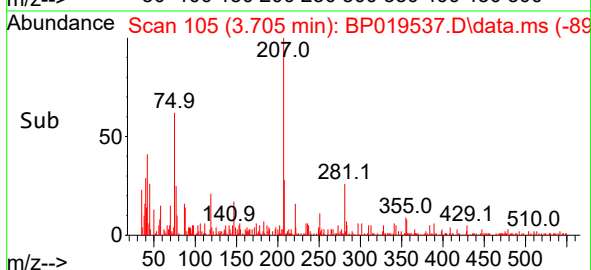
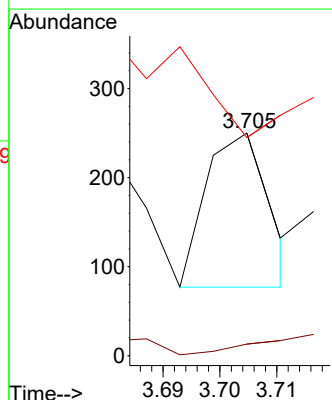
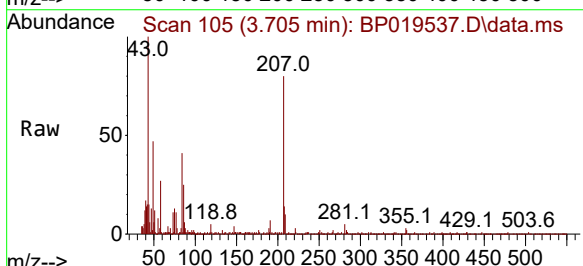
Tgt Ion: 42 Resp: 133

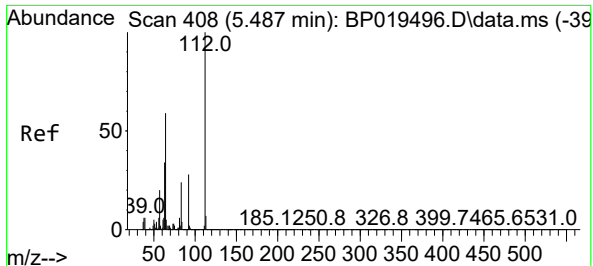
Ion Ratio Lower Upper

42 100

74 5.2 103.4 155.2#

44 98.0 4.8 7.2#

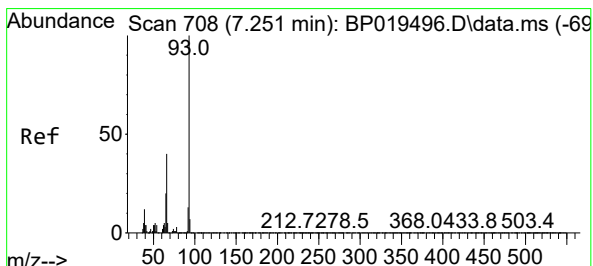
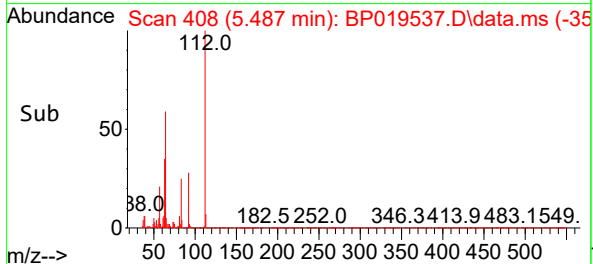
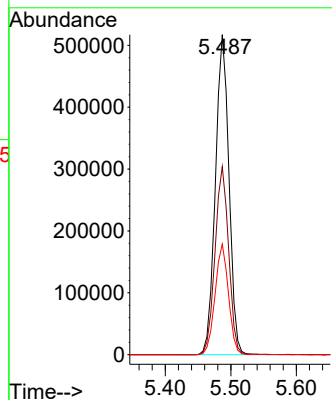
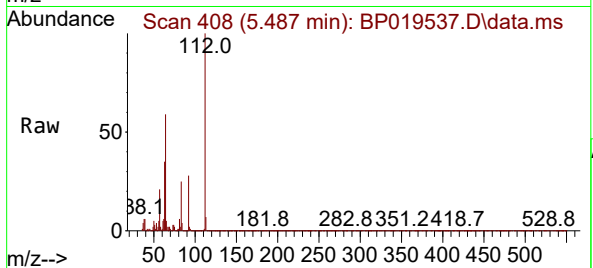




#5  
2-Fluorophenol  
Concen: 136.025 ng  
RT: 5.487 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

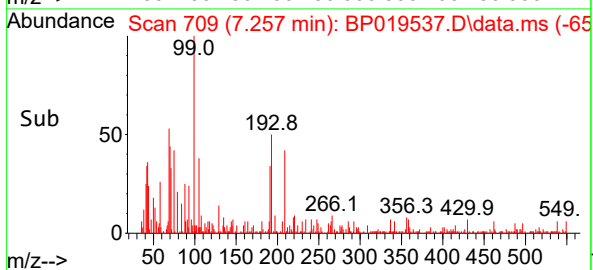
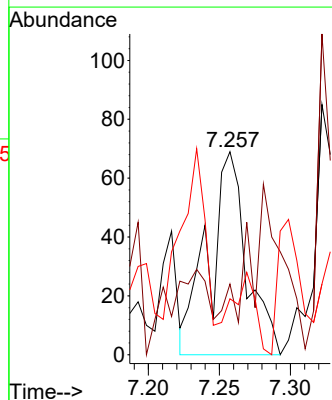
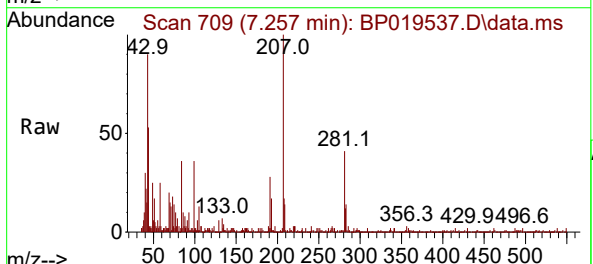
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

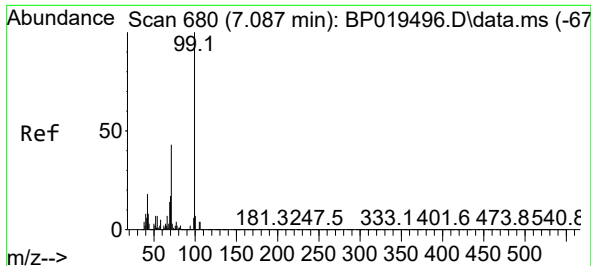
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|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 741171 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 58.8  | 47.4  | 71.0   |
| 63       | 34.5  | 27.0  | 40.6   |



#6  
Aniline  
Concen: 0.018 ng  
RT: 7.257 min Scan# 709  
Delta R.T. 0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 127   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 66       | 34.8  | 32.3  | 48.5  |
| 65       | 27.5  | 16.4  | 24.6  |

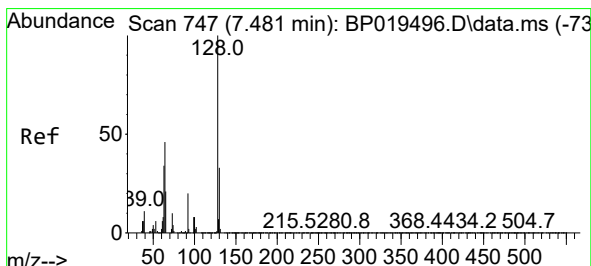
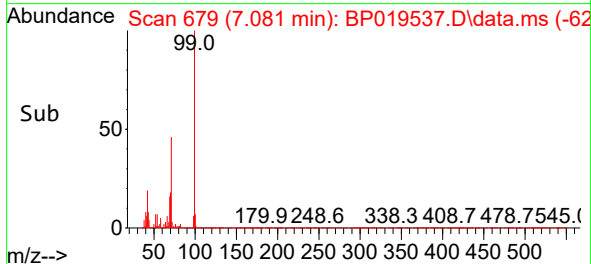
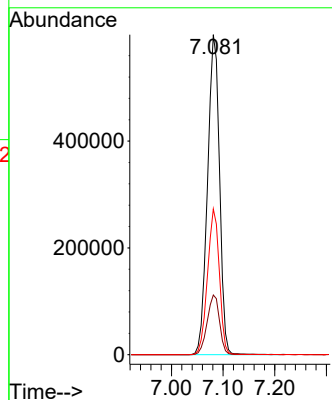
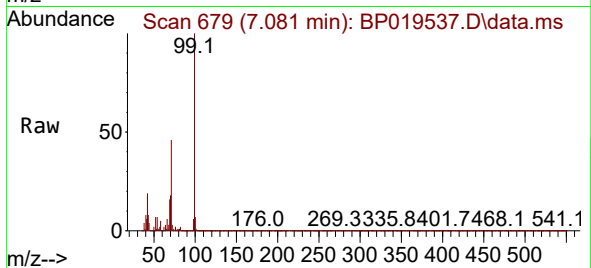




#7  
Phenol-d6  
Concen: 131.319 ng  
RT: 7.081 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

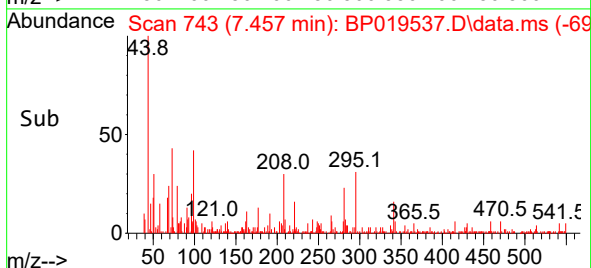
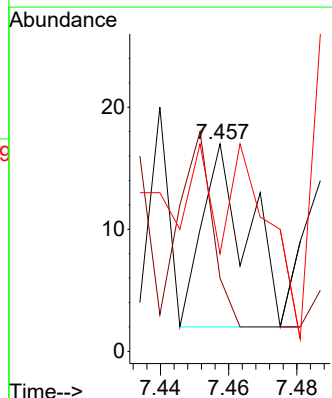
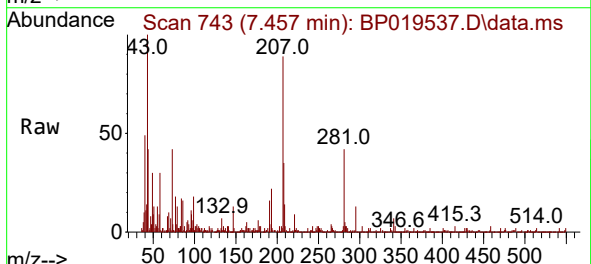
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

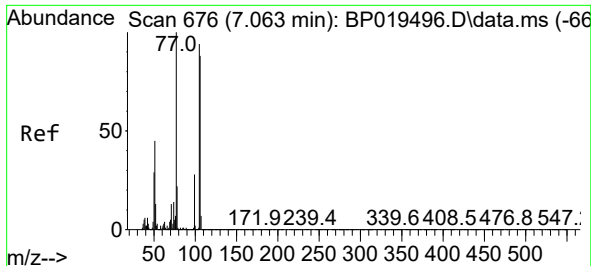
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Ion Ratio Lower Upper  
99 100  
42 18.7 14.7 22.1  
71 45.6 34.8 52.2



#8  
2-Chlorophenol  
Concen: 0.003 ng  
RT: 7.457 min Scan# 743  
Delta R.T. -0.023 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:128 Resp: 14  
Ion Ratio Lower Upper  
128 100  
130 35.3 13.3 53.3  
64 47.1 29.7 69.7

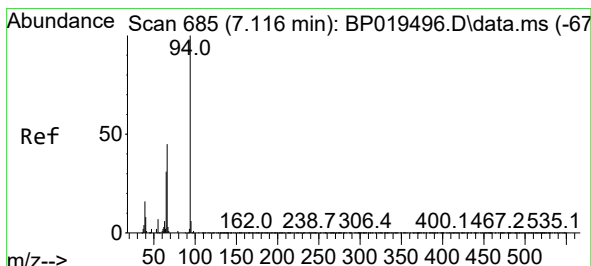
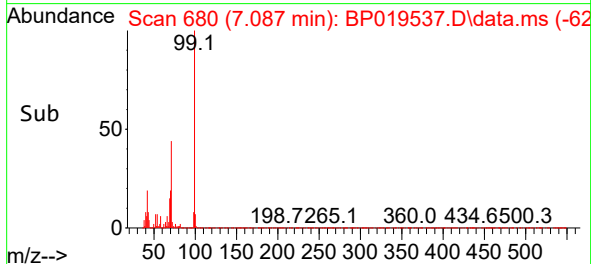
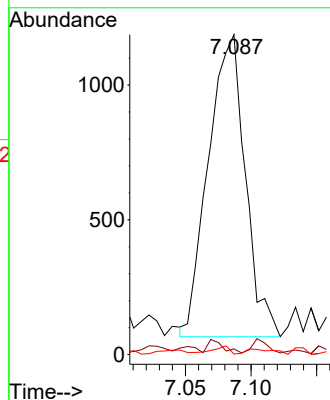
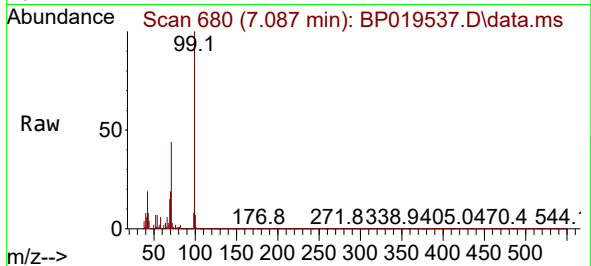




#9  
Benzaldehyde  
Concen: 0.427 ng  
RT: 7.087 min Scan# 61  
Delta R.T. 0.024 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

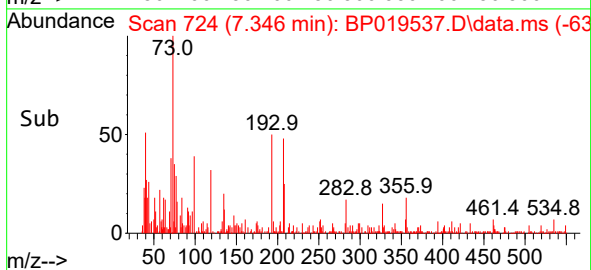
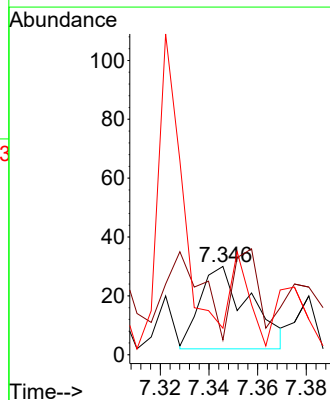
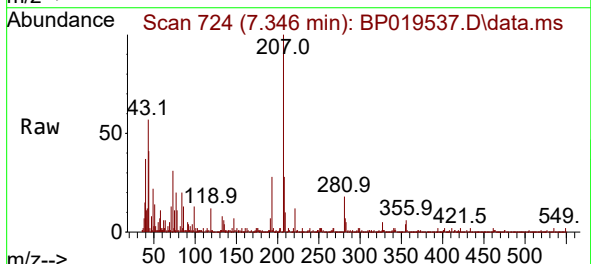
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

Tgt Ion: 77 Resp: 2199  
Ion Ratio Lower Upper  
77 100  
105 1.8 74.0 114.0#  
106 0.4 67.8 107.8#

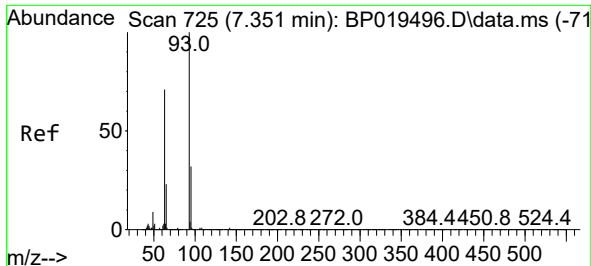


#10  
Phenol  
Concen: 0.005 ng  
RT: 7.346 min Scan# 724  
Delta R.T. 0.230 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion: 94 Resp: 40  
Ion Ratio Lower Upper  
94 100  
65 46.7 11.3 51.3  
66 30.0 25.1 65.1



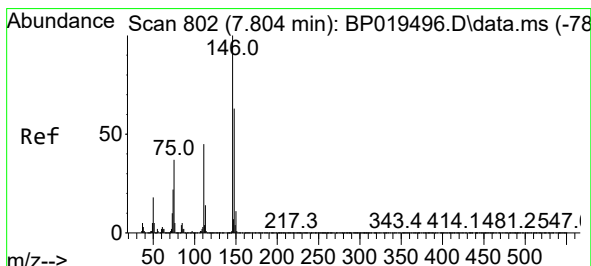
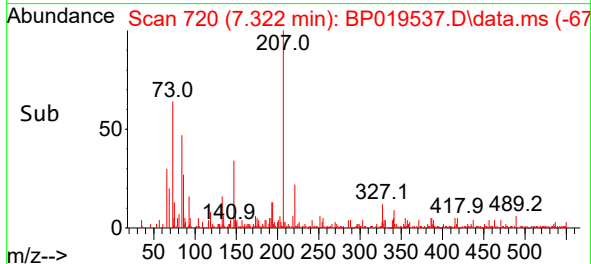
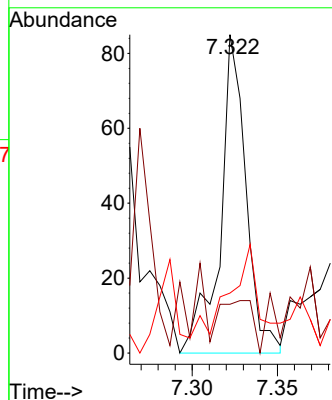
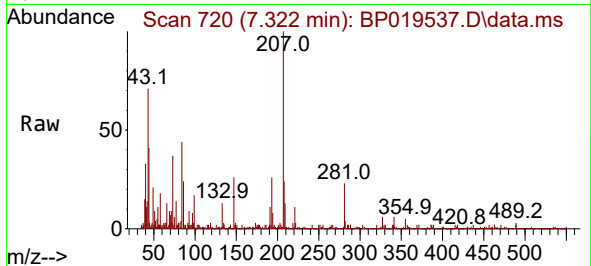




#11  
bis(2-Chloroethyl)ether  
Concen: 0.016 ng  
RT: 7.322 min Scan# 71  
Delta R.T. -0.029 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

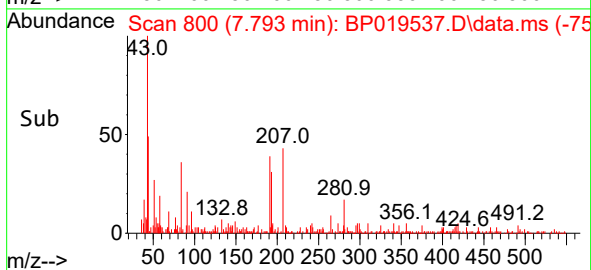
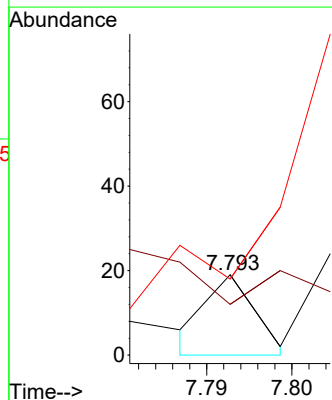
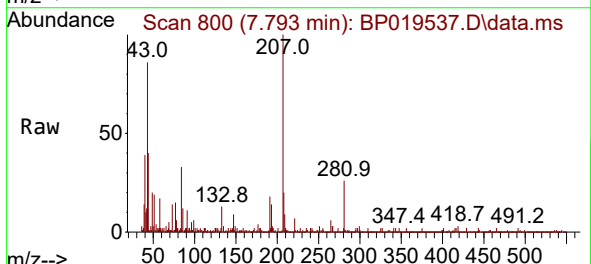
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

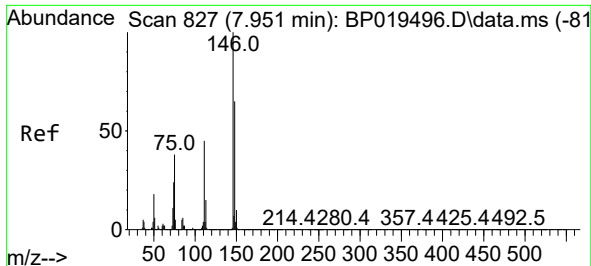
Tgt Ion: 93 Resp: 89  
Ion Ratio Lower Upper  
93 100  
63 15.3 51.2 91.2#  
95 18.8 11.8 51.8



#12  
1,3-Dichlorobenzene  
Concen: 0.001 ng  
RT: 7.793 min Scan# 800  
Delta R.T. -0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:146 Resp: 7  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.4 75.6  
75 94.7 29.9 44.9#

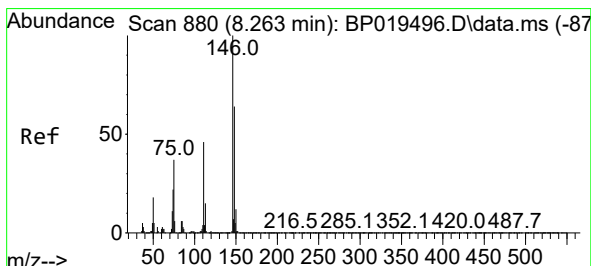
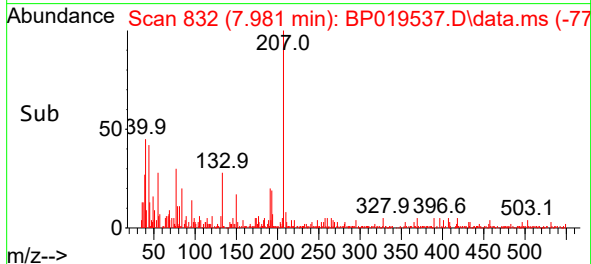
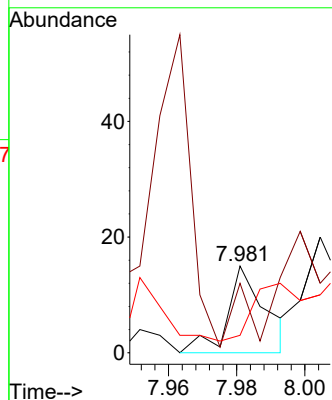
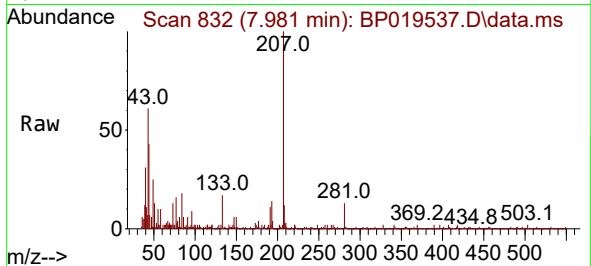




#13  
1,4-Dichlorobenzene  
Concen: 0.002 ng  
RT: 7.981 min Scan# 81  
Delta R.T. 0.030 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

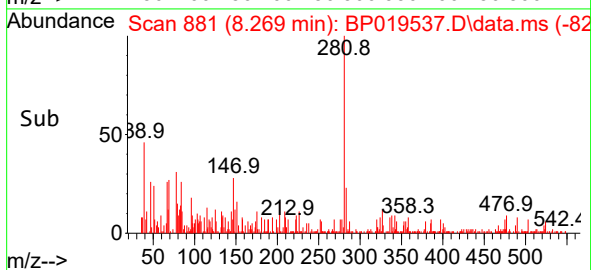
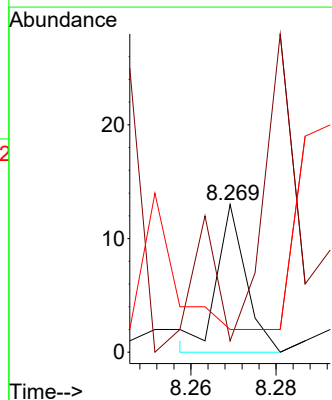
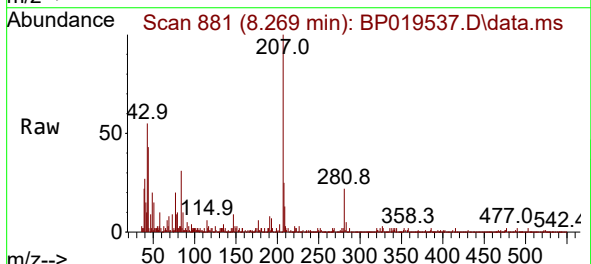
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

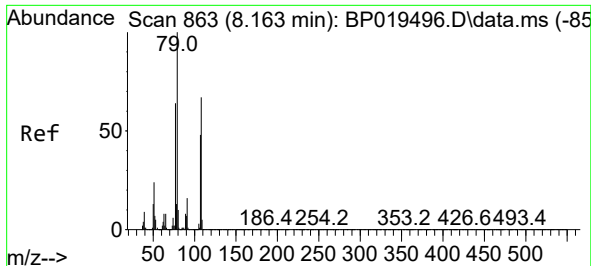
Tgt Ion:146 Resp: 12  
Ion Ratio Lower Upper  
146 100  
148 80.0 51.9 77.9#  
111 20.0 35.8 53.6#



#14  
1,2-Dichlorobenzene  
Concen: 0.001 ng  
RT: 8.269 min Scan# 881  
Delta R.T. 0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:146 Resp: 6  
Ion Ratio Lower Upper  
146 100  
148 169.2 51.4 77.0#  
111 123.1 37.0 55.6#

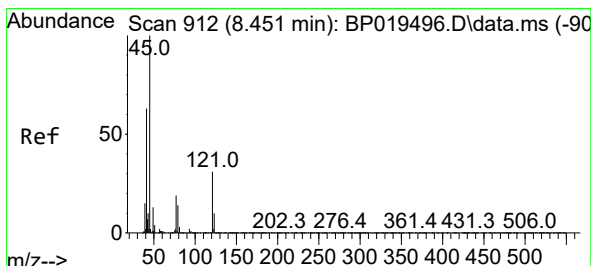
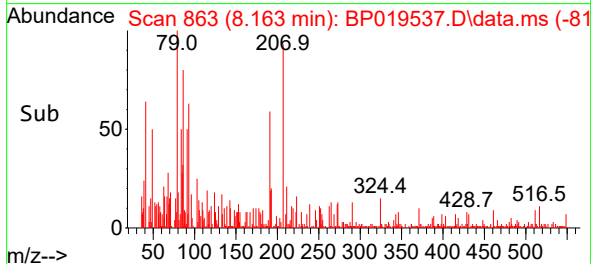
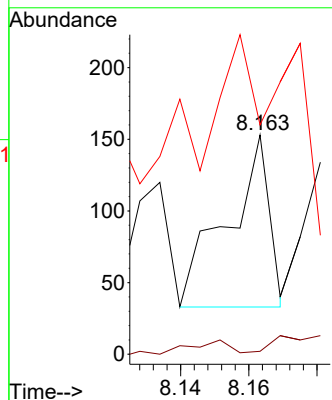
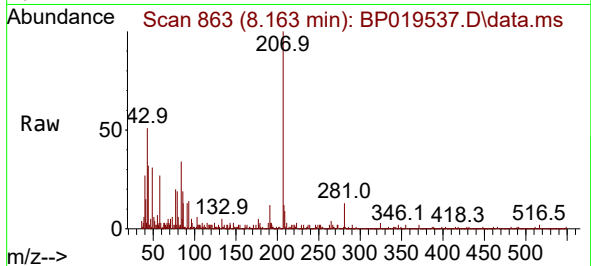




#15  
Benzyl Alcohol  
Concen: 0.018 ng  
RT: 8.163 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

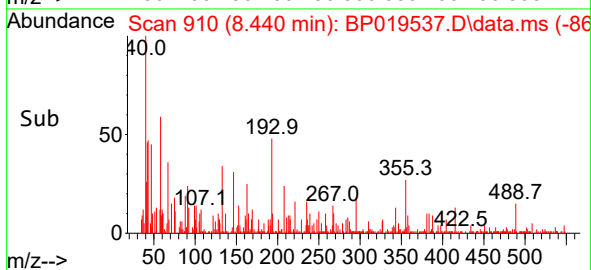
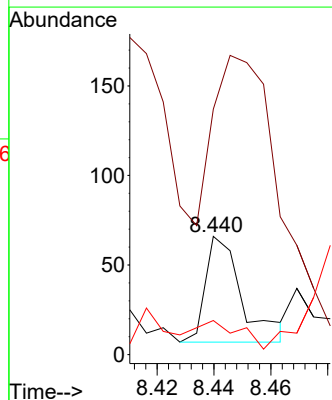
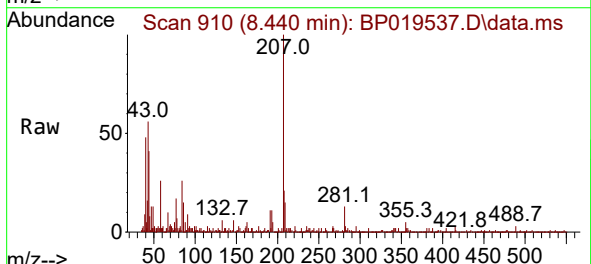
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

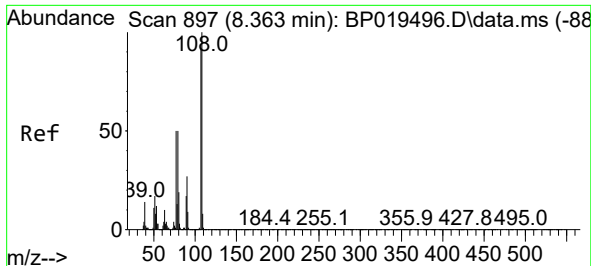
Tgt Ion: 79 Resp: 103  
Ion Ratio Lower Upper  
79 100  
108 1.3 53.8 80.6#  
77 104.6 51.3 76.9#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.009 ng  
RT: 8.440 min Scan# 910  
Delta R.T. -0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion: 45 Resp: 53  
Ion Ratio Lower Upper  
45 100  
77 207.6 0.8 40.8#  
79 28.8 0.0 35.5

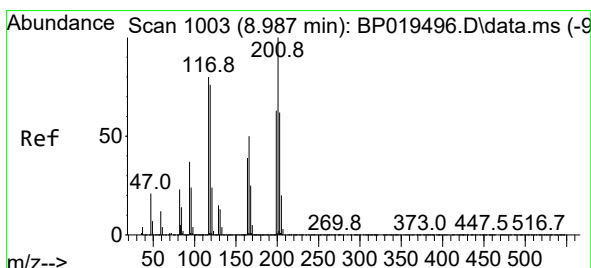
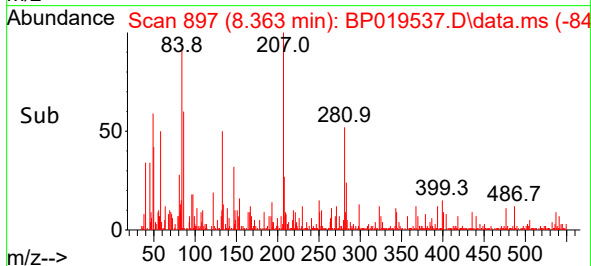
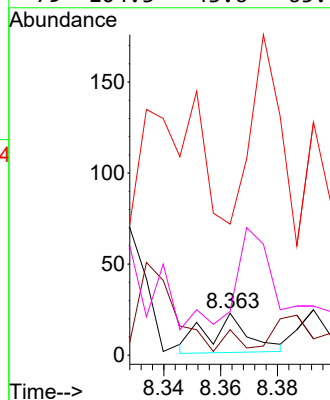
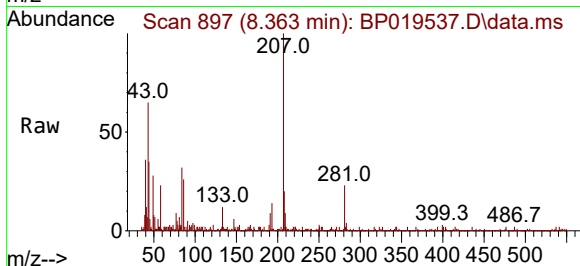




#17  
2-Methylphenol  
Concen: 0.004 ng  
RT: 8.363 min Scan# 897  
Delta R.T. 0.000 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

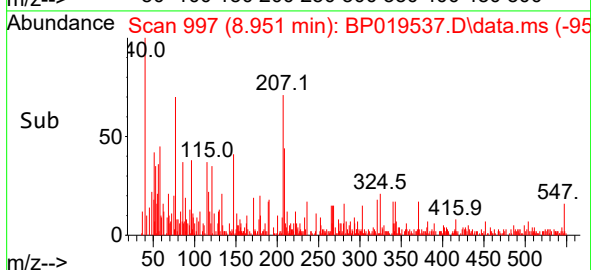
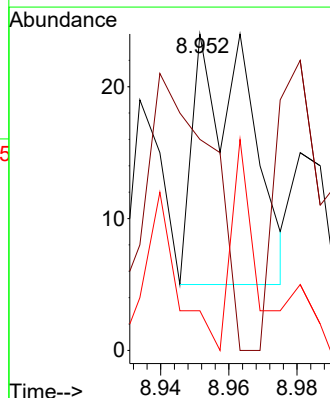
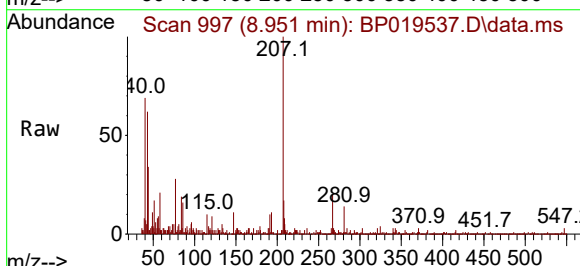
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

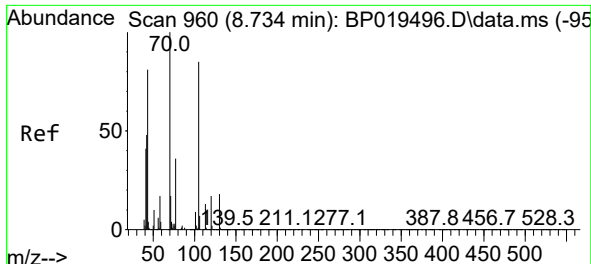
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 22     |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 60.9  | 87.0  | 130.6# |
| 77       | 313.0 | 43.5  | 65.3#  |
| 79       | 104.3 | 43.6  | 65.4#  |



#18  
Hexachloroethane  
Concen: 0.008 ng  
RT: 8.951 min Scan# 997  
Delta R.T. -0.035 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 22     |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 120.8 | 75.5  | 113.3# |
| 201      | 12.5  | 99.4  | 149.2# |





#19

n-Nitroso-di-n-propylamine

Concen: 0.006 ng

RT: 8.675 min Scan# 91

Delta R.T. -0.059 min

Lab File: BP019537.D

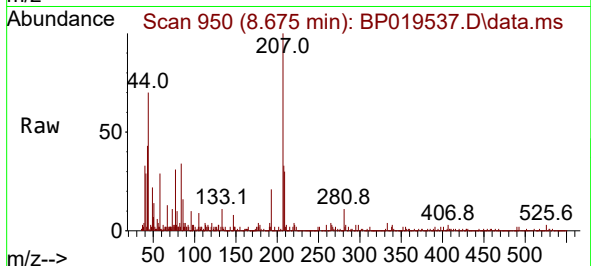
Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

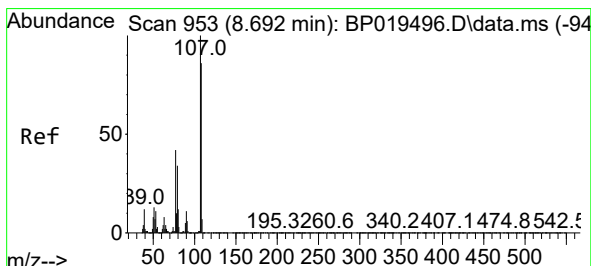
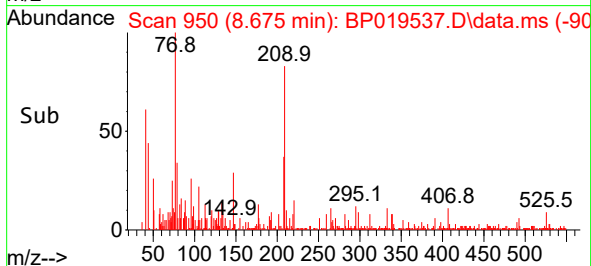
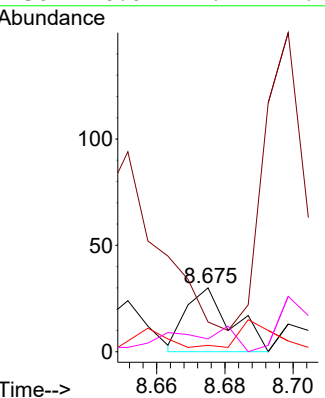
ClientSampleId :

PB158270BL



Tgt Ion: 70 Resp: 28

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 46.7  | 39.2  | 58.8  |
| 101 | 10.0  | 7.3   | 10.9  |
| 130 | 20.0  | 14.7  | 22.1  |



#20

3+4-Methylphenols

Concen: 0.003 ng

RT: 8.693 min Scan# 953

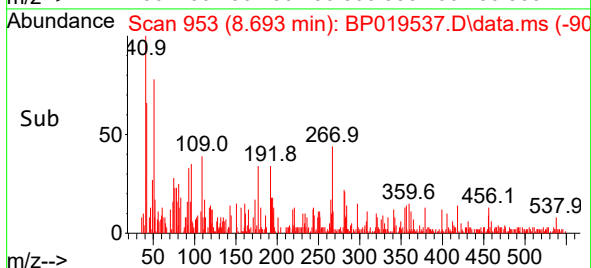
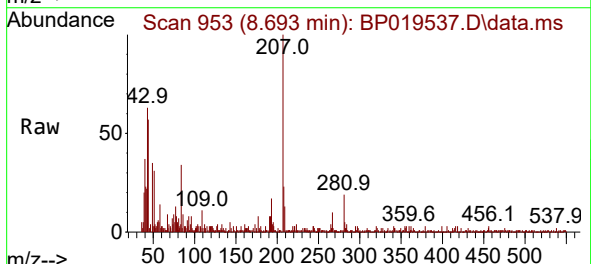
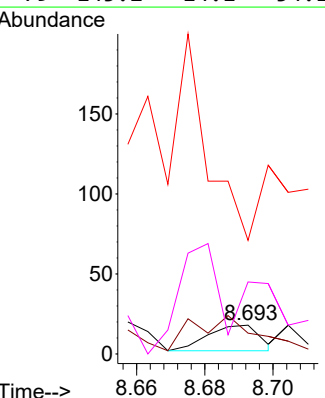
Delta R.T. 0.000 min

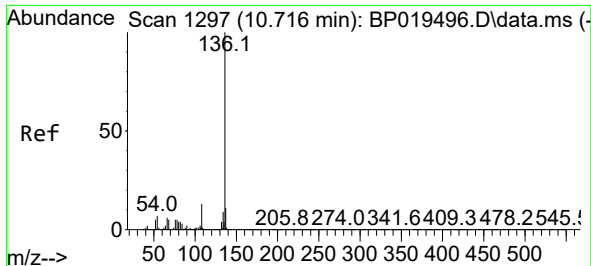
Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Tgt Ion: 107 Resp: 17

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 107 | 100   |       |        |
| 108 | 41.9  | 65.5  | 105.5# |
| 77  | 229.0 | 21.8  | 61.8#  |
| 79  | 145.2 | 14.1  | 54.1#  |



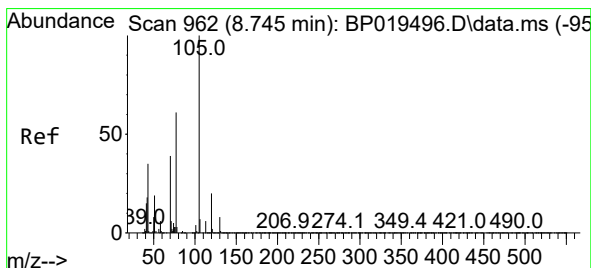
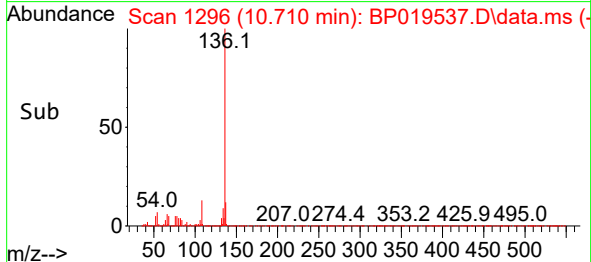
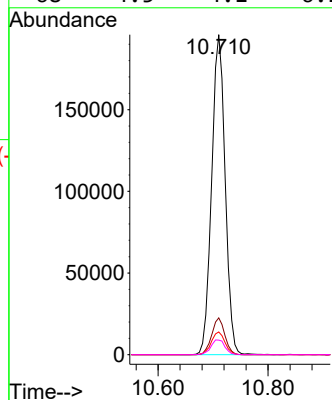
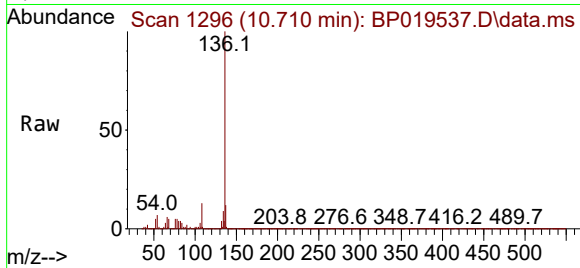


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.710 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

Tgt Ion:136 Resp: 334042

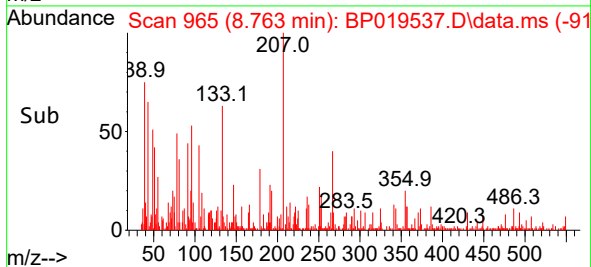
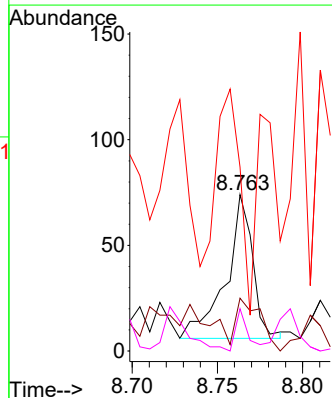
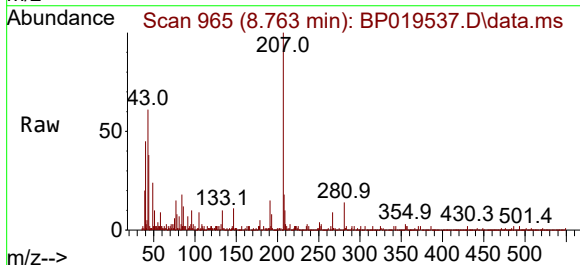
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 8.8   | 13.2  |
| 54  | 7.1   | 5.3   | 7.9   |
| 68  | 4.5   | 4.1   | 6.1   |

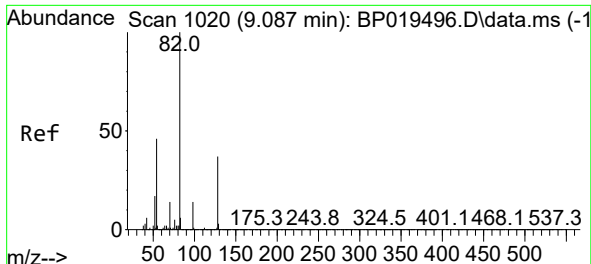


#22  
Acetophenone  
Concen: 0.008 ng  
RT: 8.763 min Scan# 965  
Delta R.T. 0.018 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:105 Resp: 74

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 45.9  | 4.9   | 7.3#  |
| 51  | 117.6 | 20.7  | 31.1# |
| 120 | 27.0  | 15.8  | 23.8# |





#23

Nitrobenzene-d5

Concen: 84.652 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

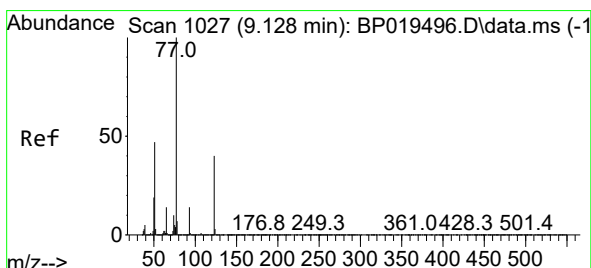
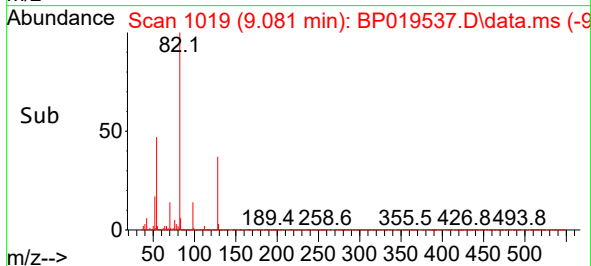
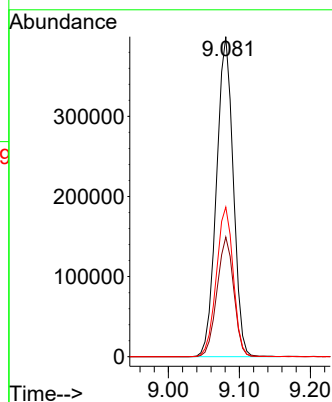
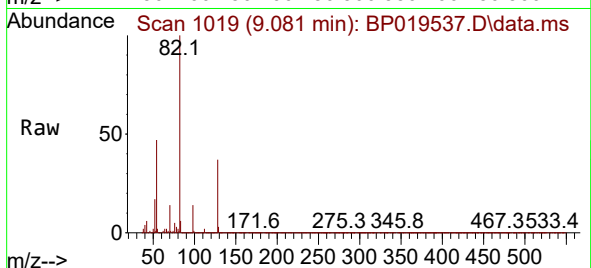
Tgt Ion: 82 Resp: 652579

Ion Ratio Lower Upper

82 100

128 37.4 29.7 44.5

54 46.8 36.8 55.2



#24

Nitrobenzene

Concen: 0.018 ng

RT: 9.140 min Scan# 1029

Delta R.T. 0.012 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

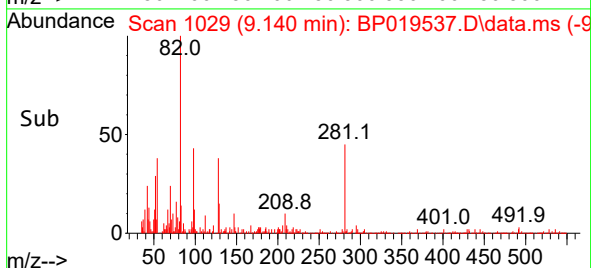
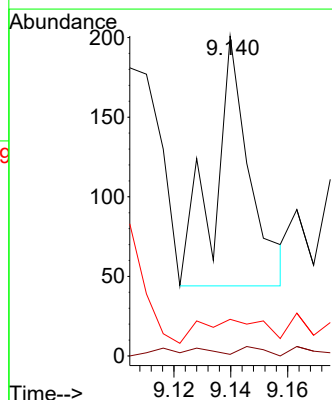
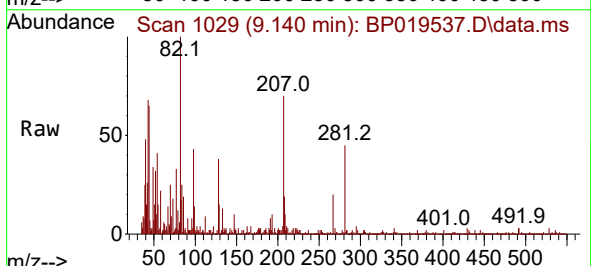
Tgt Ion: 77 Resp: 136

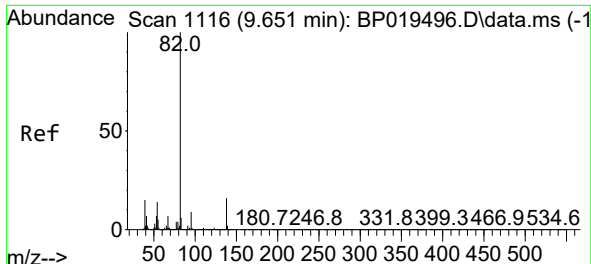
Ion Ratio Lower Upper

77 100

123 0.5 32.3 48.5#

65 11.4 11.6 17.4#

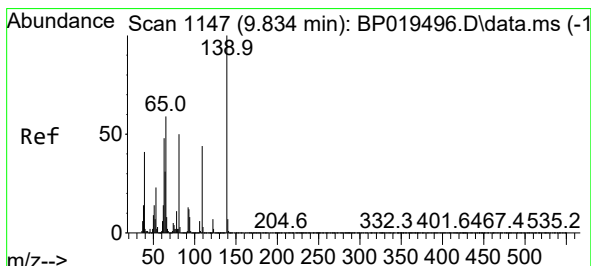
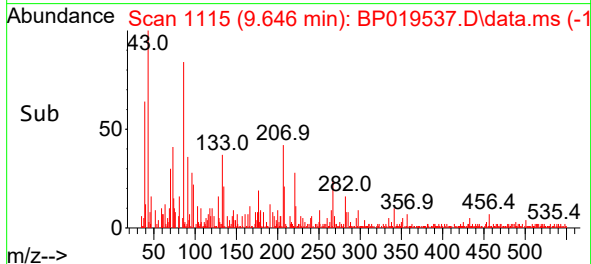
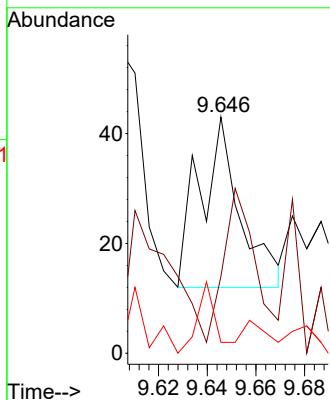
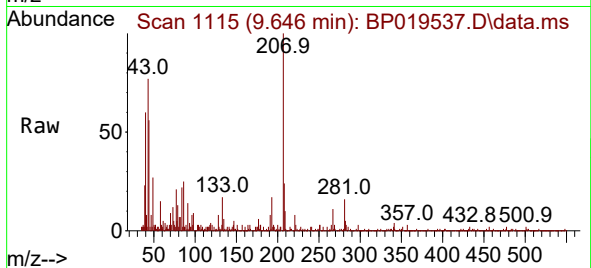




#25  
Isophorone  
Concen: 0.003 ng  
RT: 9.646 min Scan# 1115  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

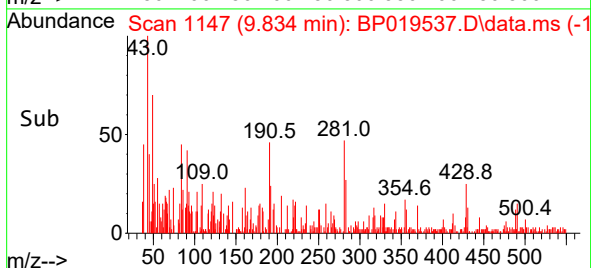
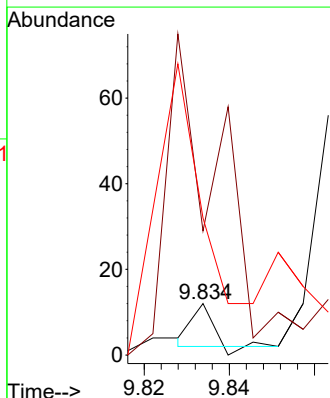
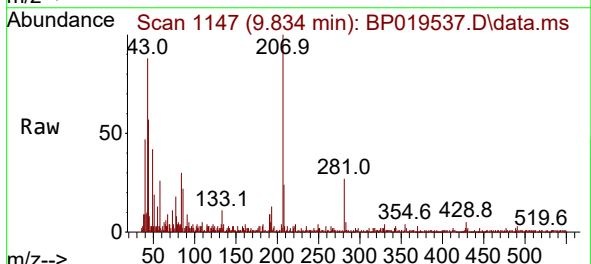
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 36         |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 95          | 32.6  | 7.0 10.4#  |
| 138         | 4.7   | 13.1 19.7# |

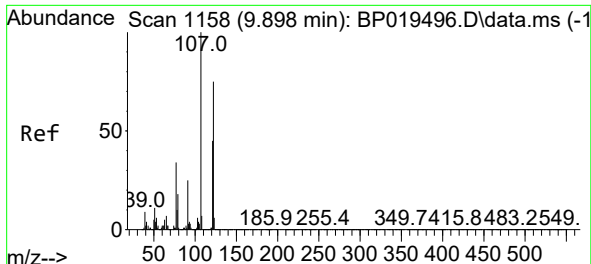


#26  
2-Nitrophenol  
Concen: 0.001 ng  
RT: 9.834 min Scan# 1147  
Delta R.T. 0.000 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|              |       |            |
|--------------|-------|------------|
| Tgt Ion: 139 | Resp: | 3          |
| Ion Ratio    | Lower | Upper      |
| 139          | 100   |            |
| 109          | 241.7 | 34.9 52.3# |
| 65           | 400.0 | 47.5 71.3# |



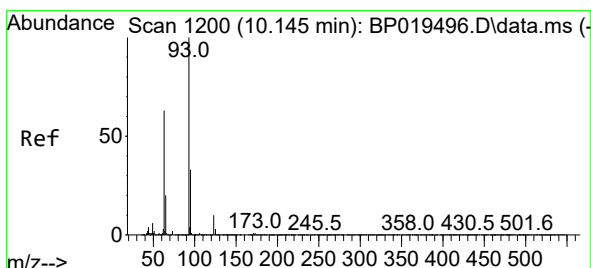
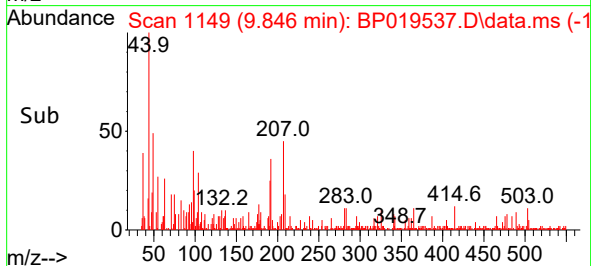
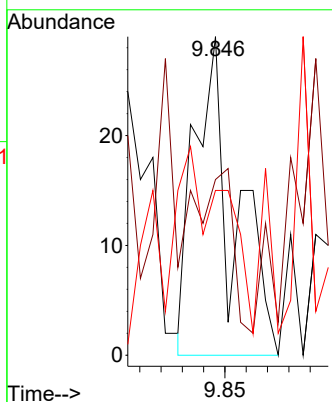
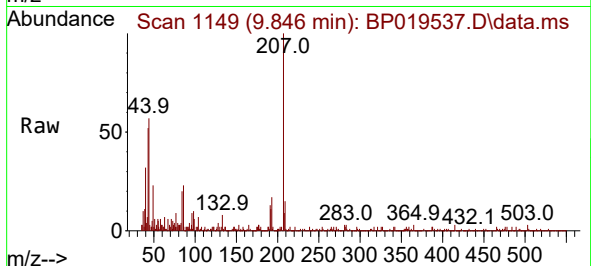




#27  
2,4-Dimethylphenol  
Concen: 0.010 ng  
RT: 9.846 min Scan# 1158  
Delta R.T. -0.053 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

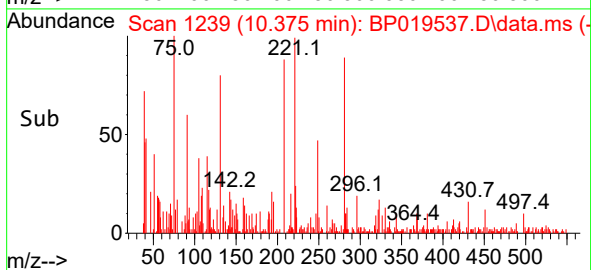
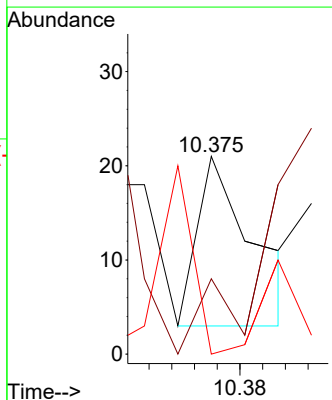
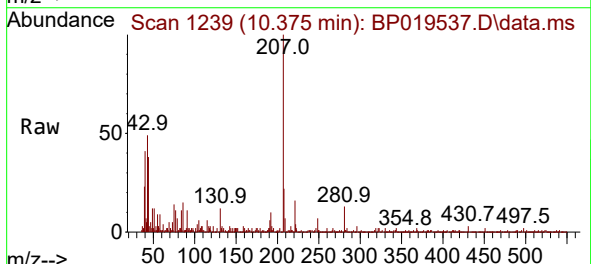
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

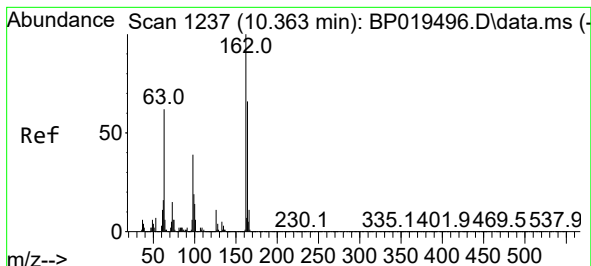
Tgt Ion:122 Resp: 38  
Ion Ratio Lower Upper  
122 100  
107 110.3 105.9 158.9  
121 51.7 47.5 71.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 0.002 ng  
RT: 10.375 min Scan# 1239  
Delta R.T. 0.230 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion: 93 Resp: 12  
Ion Ratio Lower Upper  
93 100  
95 38.1 26.2 39.4  
123 9.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 0.004 ng

RT: 10.346 min Scan# 11

Delta R.T. -0.017 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

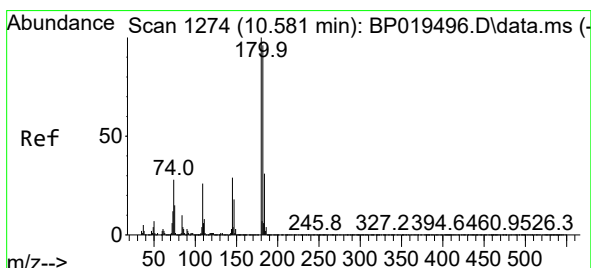
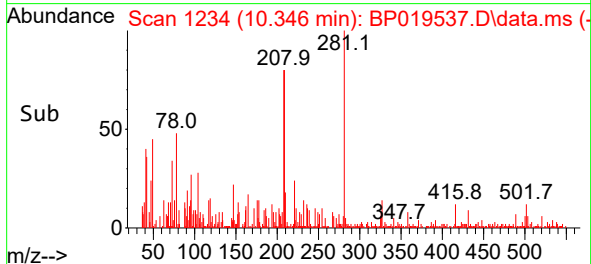
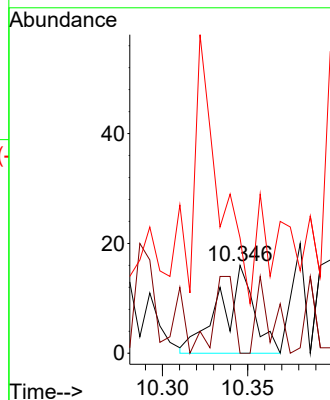
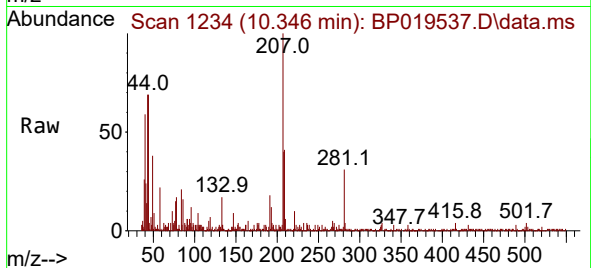
Tgt Ion:162 Resp: 22

Ion Ratio Lower Upper

162 100

164 150.0 46.0 86.0#

98 131.3 18.7 58.7#



#30

1,2,4-Trichlorobenzene

Concen: 0.001 ng

RT: 10.340 min Scan# 1233

Delta R.T. -0.241 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

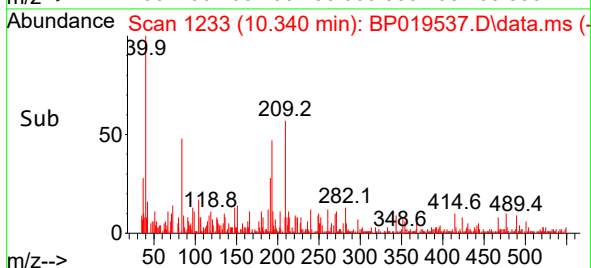
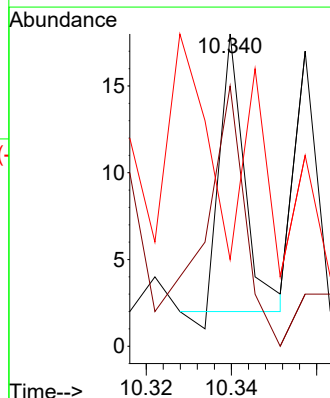
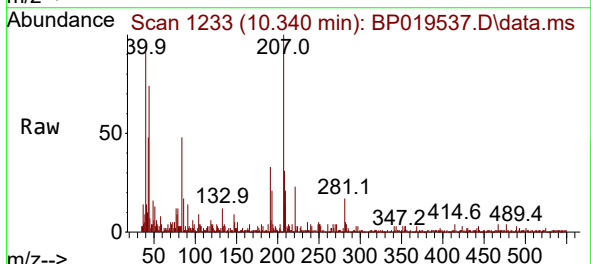
Tgt Ion:180 Resp: 6

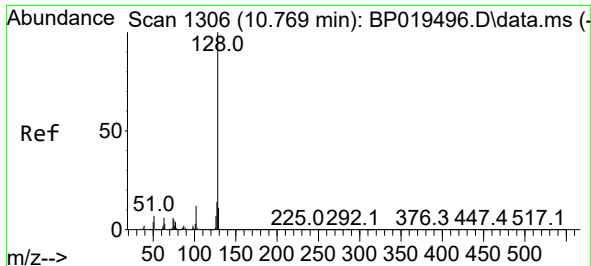
Ion Ratio Lower Upper

180 100

182 85.0 77.0 115.6

145 25.0 23.2 34.8

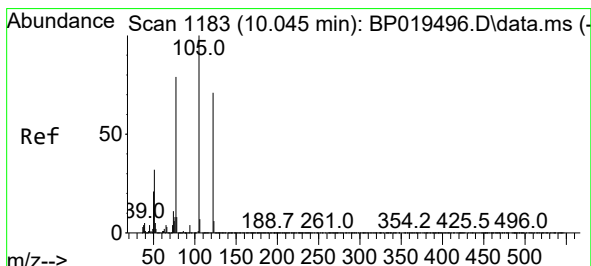
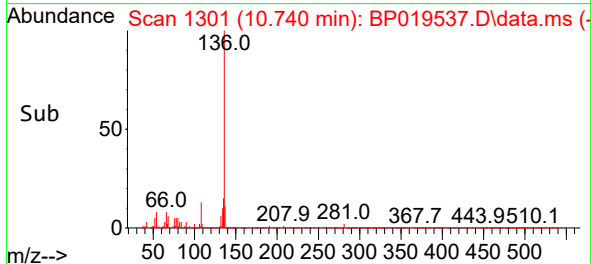
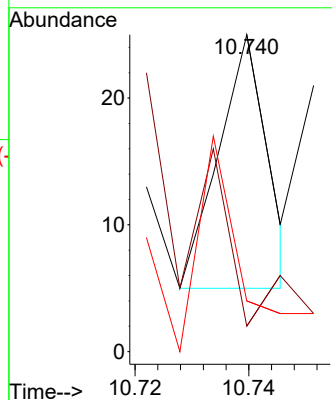
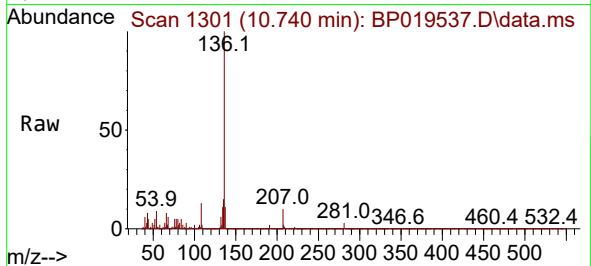




#31  
Naphthalene  
Concen: 0.001 ng  
RT: 10.740 min Scan# 1189  
Delta R.T. -0.029 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

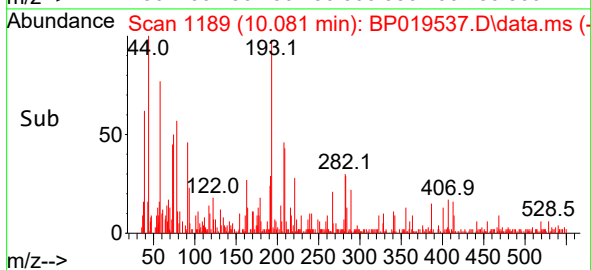
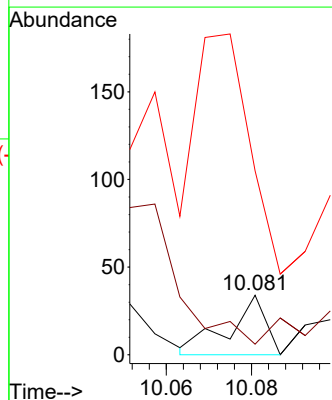
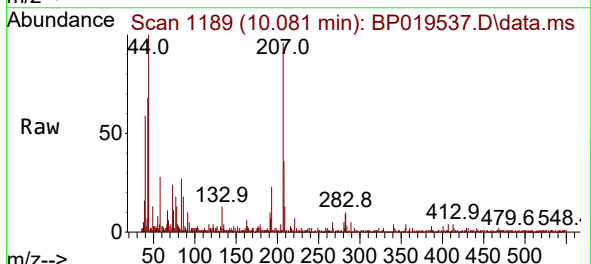
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

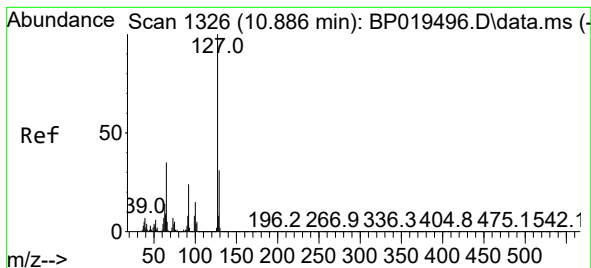
Tgt Ion:128 Resp: 12  
Ion Ratio Lower Upper  
128 100  
129 8.0 8.6 13.0#  
127 16.0 10.8 16.2



#32  
Benzoic acid  
Concen: 0.005 ng  
RT: 10.081 min Scan# 1189  
Delta R.T. 0.036 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:122 Resp: 20  
Ion Ratio Lower Upper  
122 100  
105 17.6 118.8 158.8#  
77 308.8 91.7 131.7#

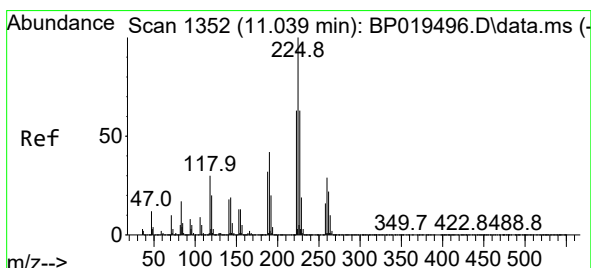
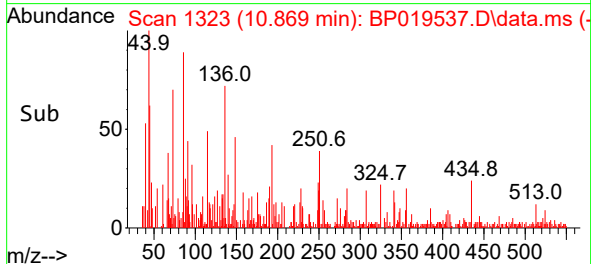
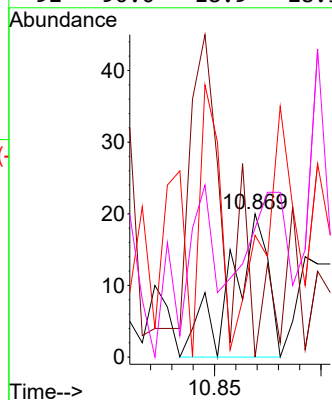
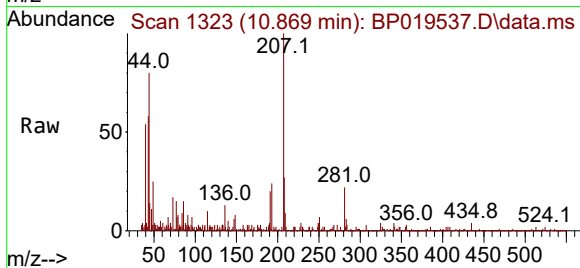




#33  
4-Chloroaniline  
Concen: 0.004 ng  
RT: 10.869 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

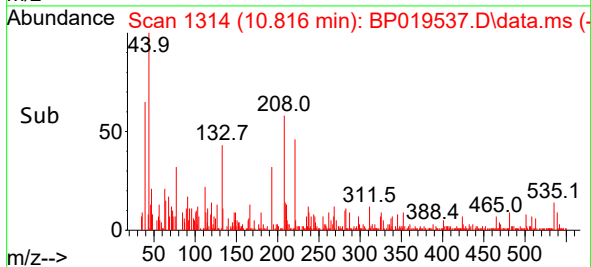
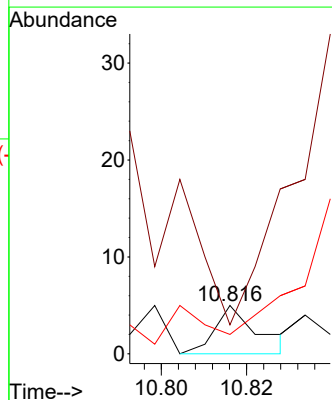
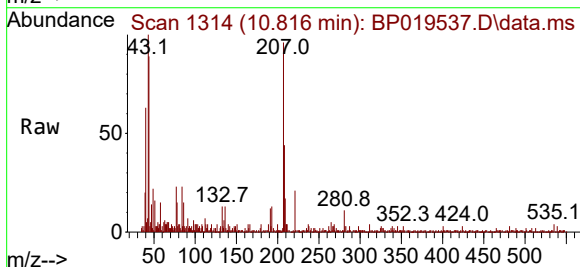
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

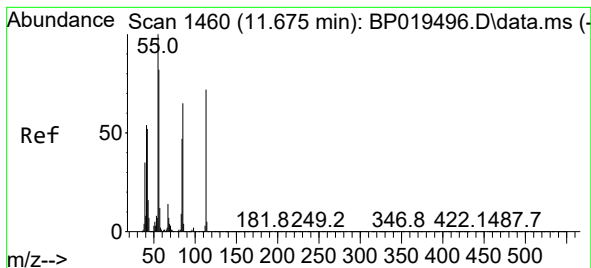
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:127 | Resp: | 25    |       |
| Ion         | Ratio | Lower | Upper |
| 127         | 100   |       |       |
| 129         | 0.0   | 24.6  | 36.8# |
| 65          | 85.0  | 28.2  | 42.4# |
| 92          | 90.0  | 18.9  | 28.3# |



#34  
Hexachlorobutadiene  
Concen: 0.001 ng  
RT: 10.816 min Scan# 1314  
Delta R.T. -0.223 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:225 | Resp: | 4     |       |
| Ion         | Ratio | Lower | Upper |
| 225         | 100   |       |       |
| 223         | 60.0  | 50.5  | 75.7  |
| 227         | 60.0  | 50.2  | 75.2  |





#35

Caprolactam

Concen: 0.002 ng

RT: 11.657 min Scan# 14

Delta R.T. -0.017 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

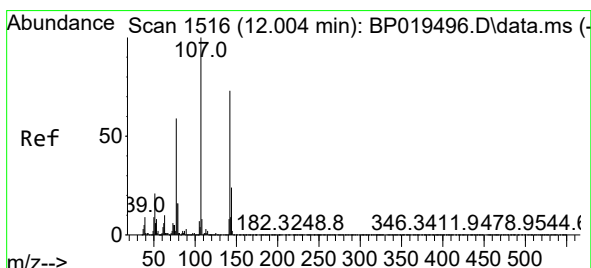
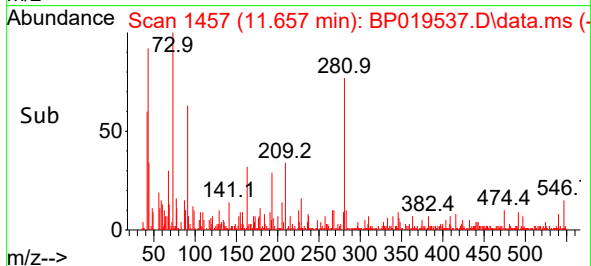
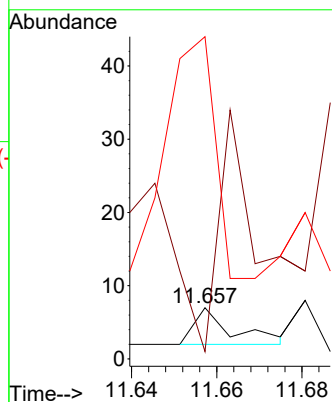
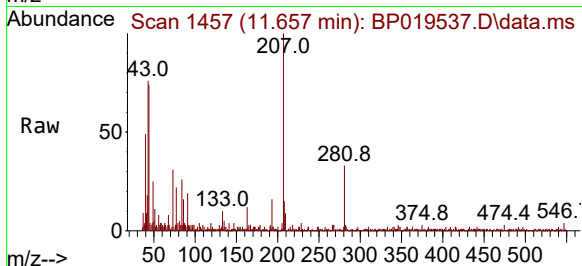
Tgt Ion:113 Resp: 3

Ion Ratio Lower Upper

113 100

55 14.3 120.0 160.0#

56 628.6 94.0 134.0#



#36

4-Chloro-3-methylphenol

Concen: 0.003 ng

RT: 11.798 min Scan# 1481

Delta R.T. -0.206 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

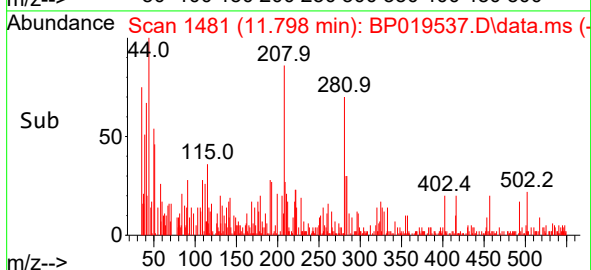
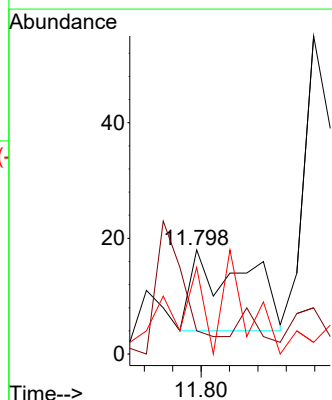
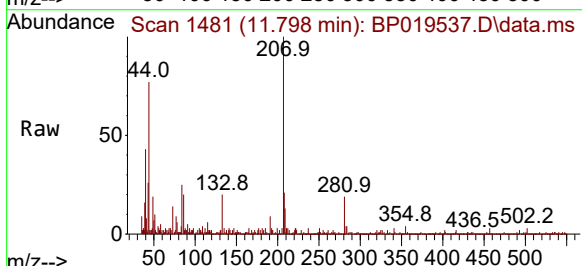
Tgt Ion:107 Resp: 19

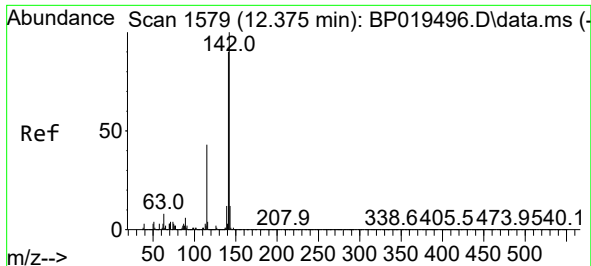
Ion Ratio Lower Upper

107 100

144 22.2 19.0 28.4

142 83.3 58.6 88.0

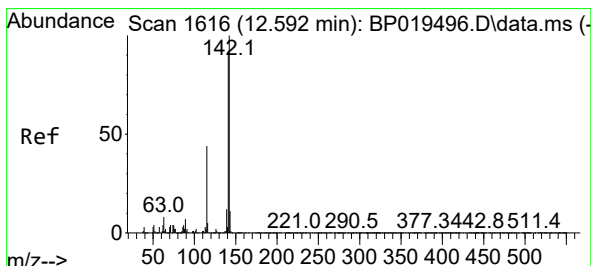
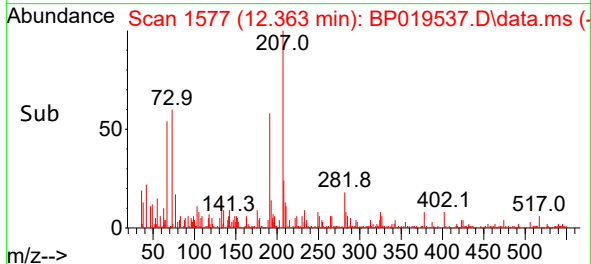
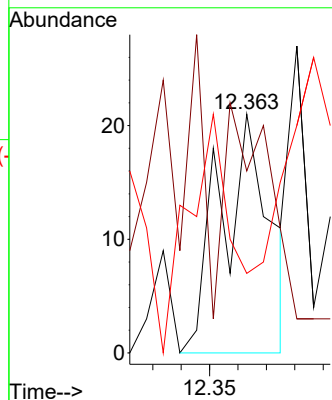
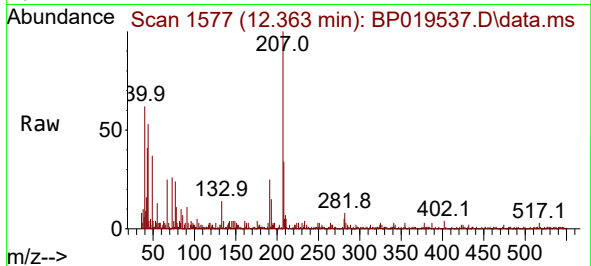




#37  
2-Methylnaphthalene  
Concen: 0.002 ng  
RT: 12.363 min Scan# 1579  
Delta R.T. -0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

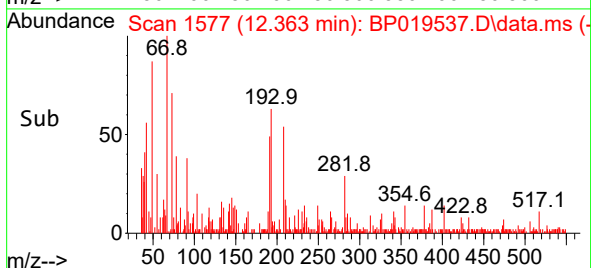
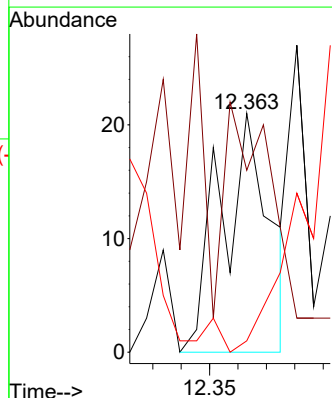
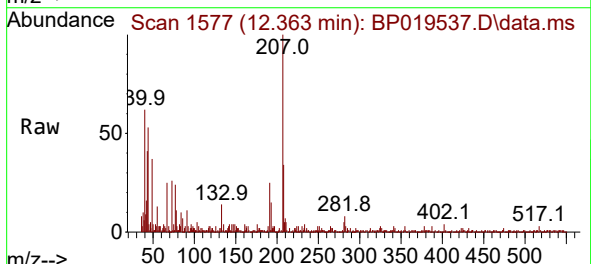
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

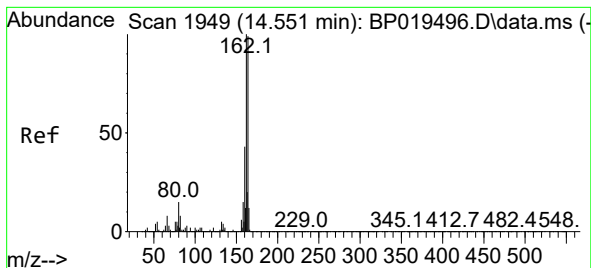
Tgt Ion:142 Resp: 25  
Ion Ratio Lower Upper  
142 100  
141 76.2 72.2 108.4  
115 33.3 34.2 51.2#



#38  
1-Methylnaphthalene  
Concen: 0.002 ng  
RT: 12.363 min Scan# 1577  
Delta R.T. -0.229 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:142 Resp: 25  
Ion Ratio Lower Upper  
142 100  
141 76.2 74.0 111.0  
116 4.8 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

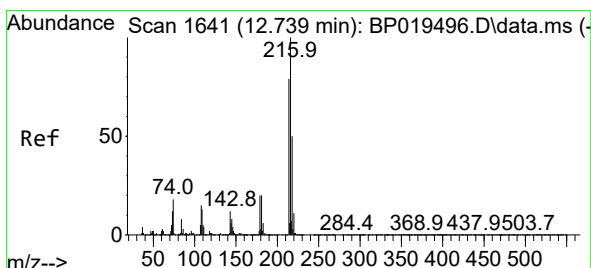
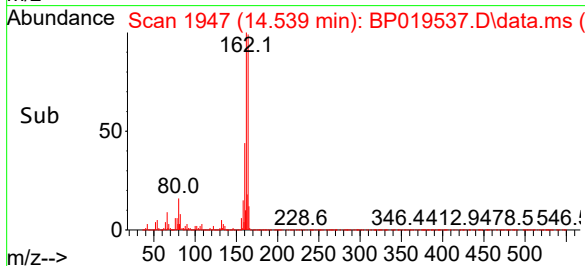
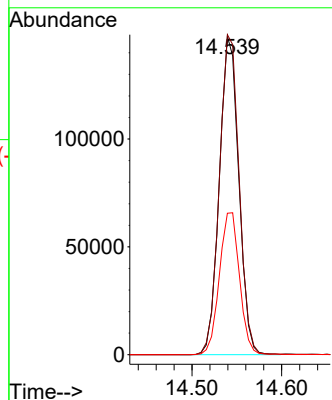
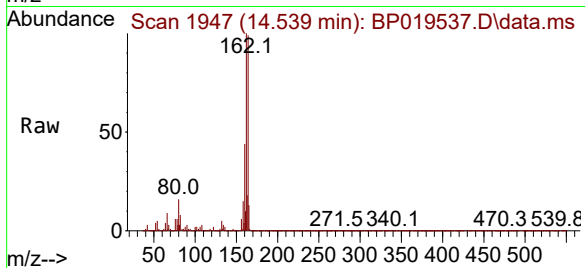
Tgt Ion:164 Resp: 222040

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 44.4 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 0.001 ng

RT: 12.710 min Scan# 1636

Delta R.T. -0.029 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Tgt Ion:216 Resp: 5

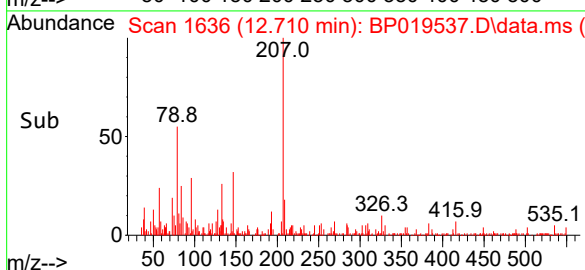
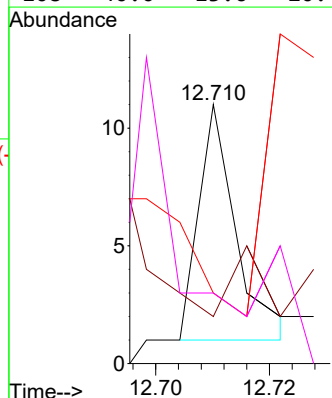
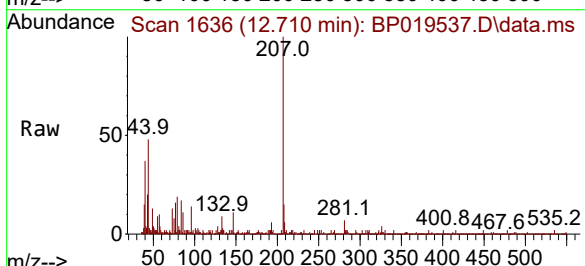
Ion Ratio Lower Upper

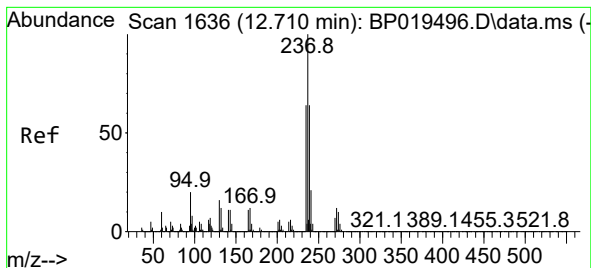
216 100

214 40.0 62.8 94.2#

179 380.0 16.6 24.8#

108 40.0 13.6 20.4#

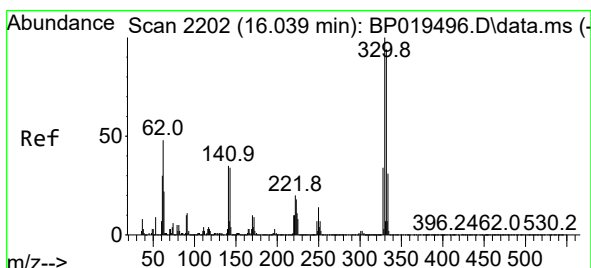
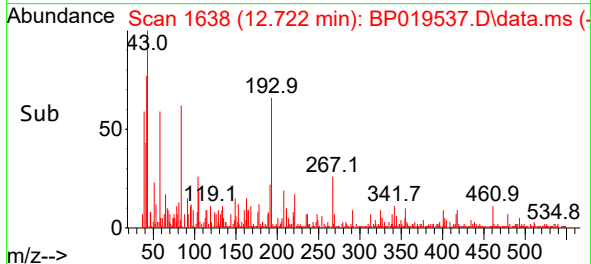
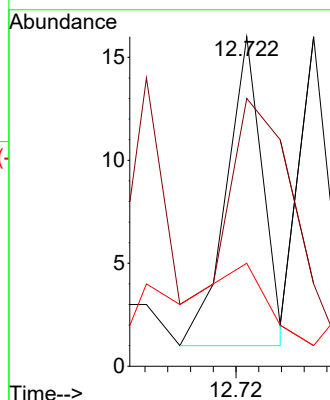
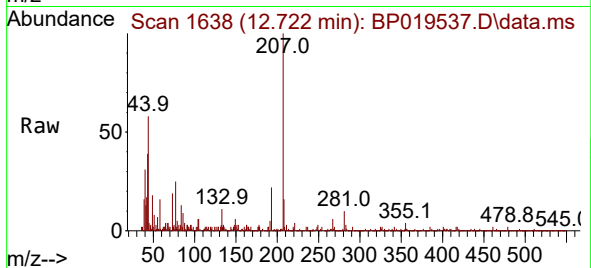




#41  
Hexachlorocyclopentadiene  
Concen: 0.002 ng  
RT: 12.722 min Scan# 1  
Delta R.T. 0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

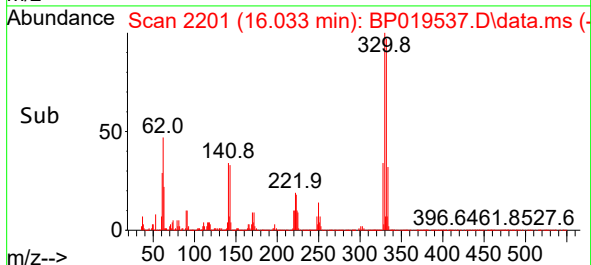
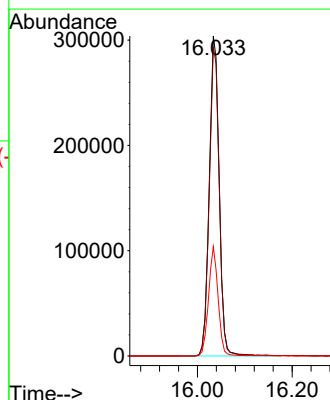
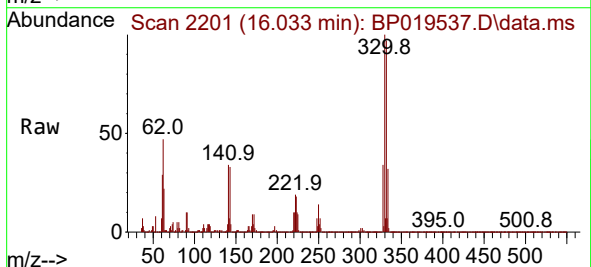
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 7     |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 81.3  | 43.7  | 83.7  |
| 272      | 31.3  | 0.0   | 32.4  |

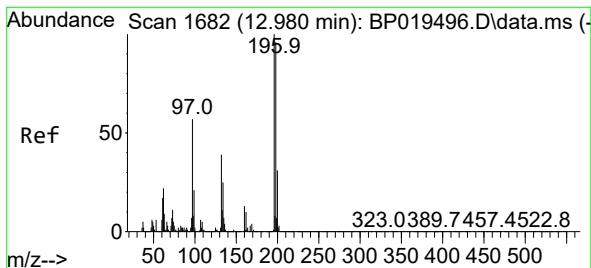


#42  
2,4,6-Tribromophenol  
Concen: 137.012 ng  
RT: 16.033 min Scan# 2201  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 444185 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.5  | 77.2  | 115.8  |
| 141      | 33.1  | 27.0  | 40.4   |







#43

2,4,6-Trichlorophenol

Concen: 0.003 ng

RT: 12.963 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

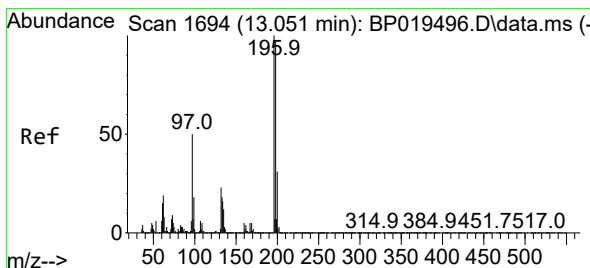
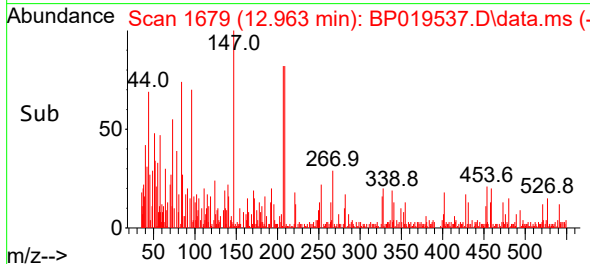
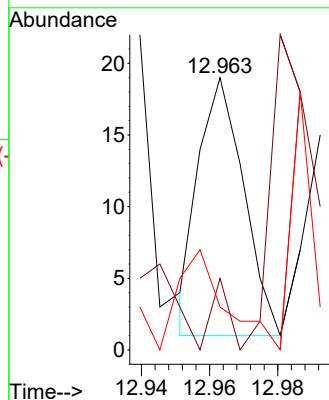
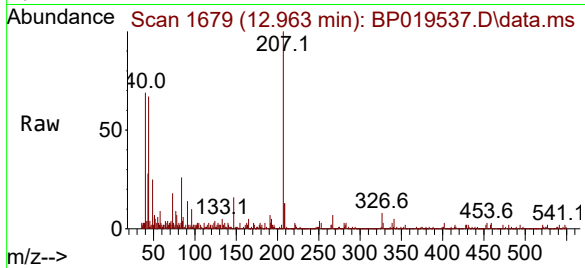
Tgt Ion:196 Resp: 17

Ion Ratio Lower Upper

196 100

198 26.3 76.7 115.1#

200 15.8 24.6 36.8#



#44

2,4,5-Trichlorophenol

Concen: 0.001 ng

RT: 13.034 min Scan# 1691

Delta R.T. -0.017 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Tgt Ion:196 Resp: 6

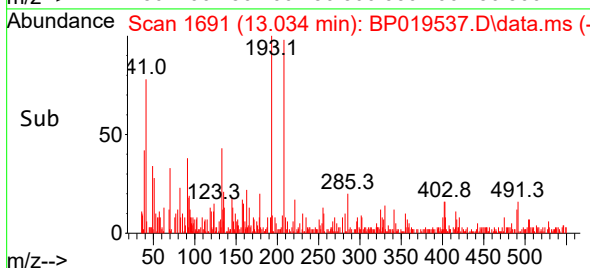
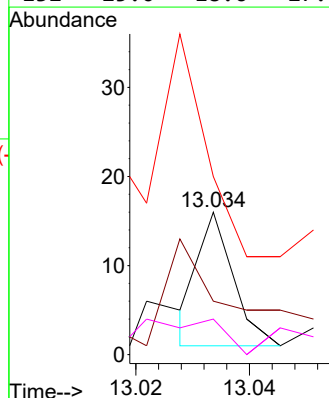
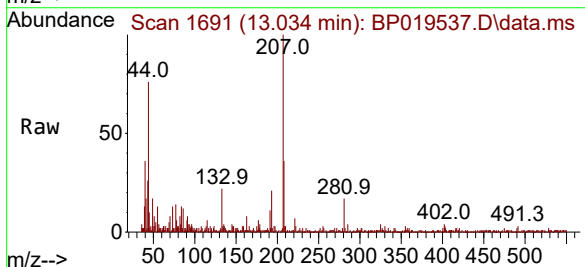
Ion Ratio Lower Upper

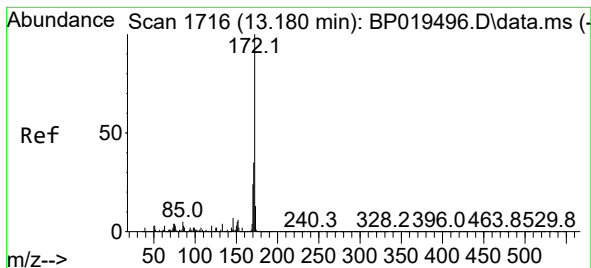
196 100

198 37.5 77.5 116.3#

97 125.0 39.9 59.9#

132 25.0 18.6 27.8





#45

2-Fluorobiphenyl

Concen: 84.102 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

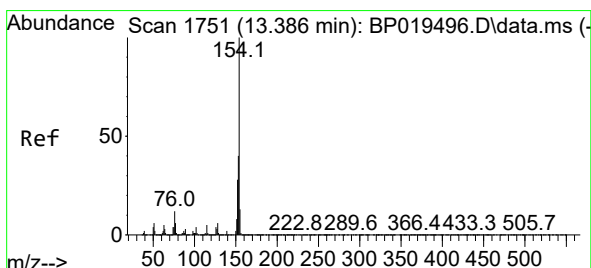
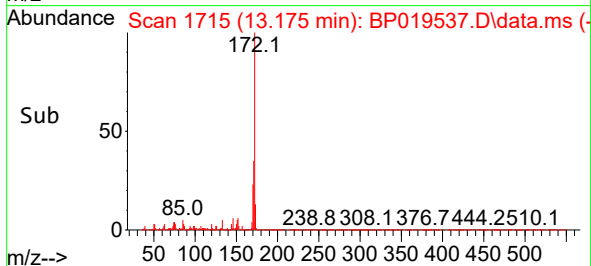
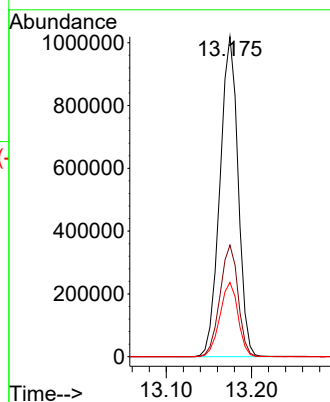
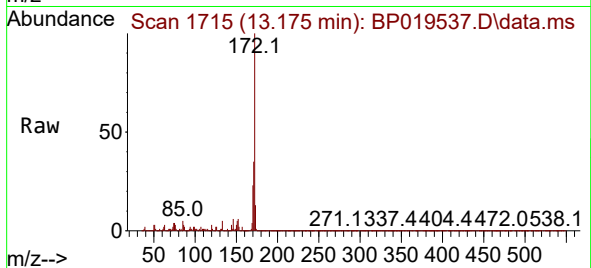
Tgt Ion:172 Resp: 1510558

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 0.165 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.217 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

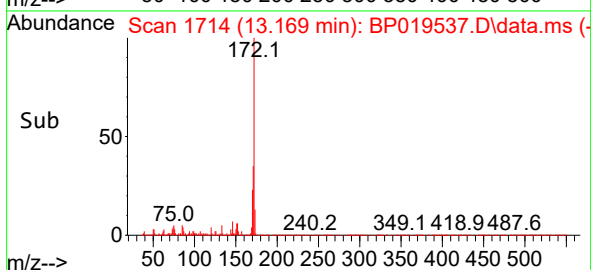
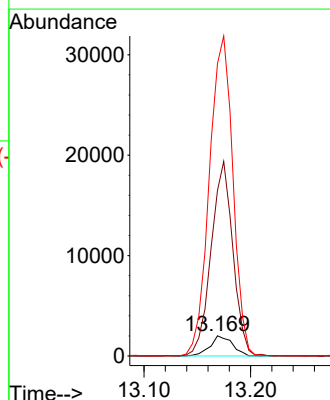
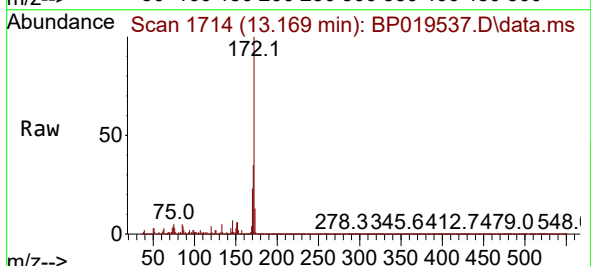
Tgt Ion:154 Resp: 2922

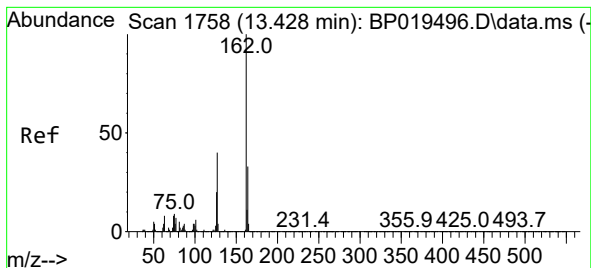
Ion Ratio Lower Upper

154 100

153 821.1 20.2 60.2#

76 1450.6 0.0 31.6#





#47

2-Chloronaphthalene

Concen: 0.002 ng

RT: 13.422 min Scan# 1757

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

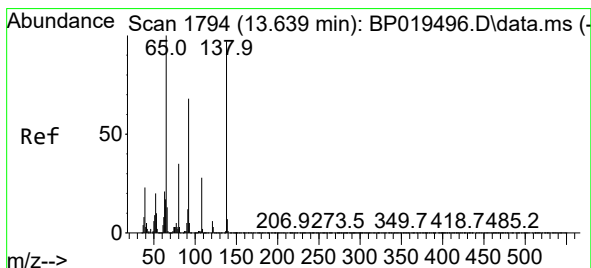
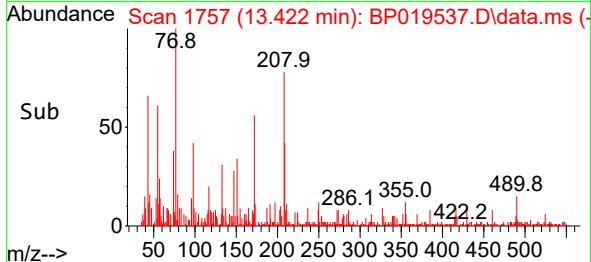
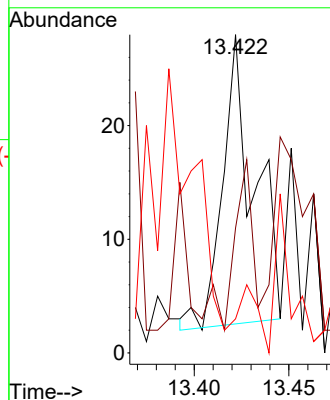
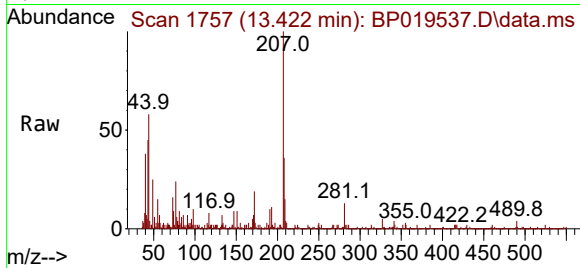
Tgt Ion:162 Resp: 29

Ion Ratio Lower Upper

162 100

127 39.3 32.1 48.1

164 10.7 26.7 40.1#



#48

2-Nitroaniline

Concen: 0.007 ng

RT: 13.622 min Scan# 1791

Delta R.T. -0.017 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

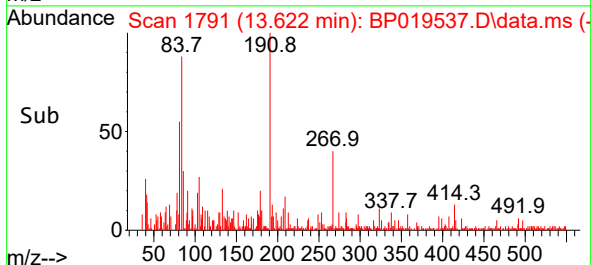
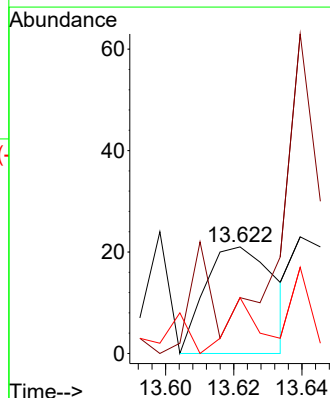
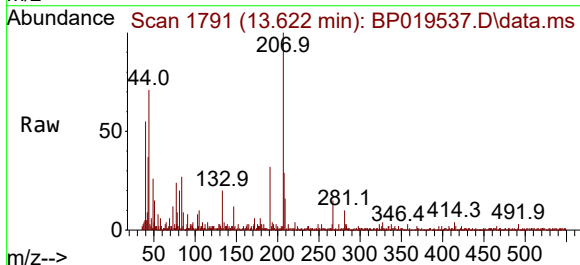
Tgt Ion: 65 Resp: 30

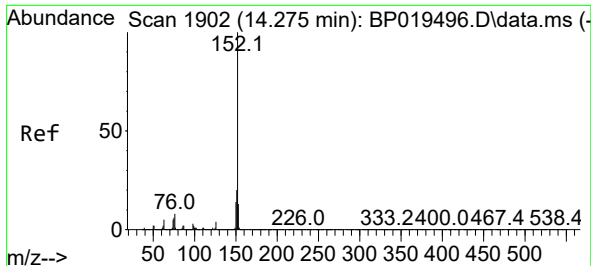
Ion Ratio Lower Upper

65 100

92 45.8 54.7 82.1#

138 45.8 77.8 116.6#

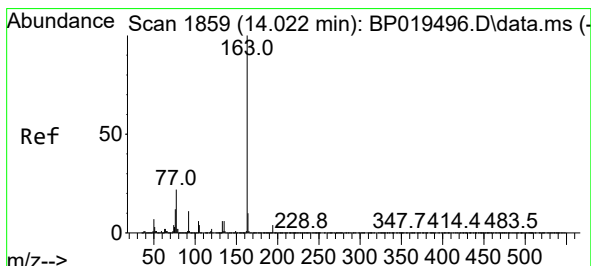
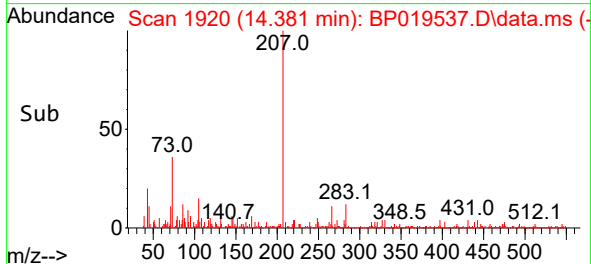
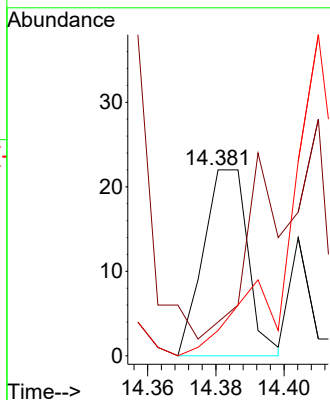
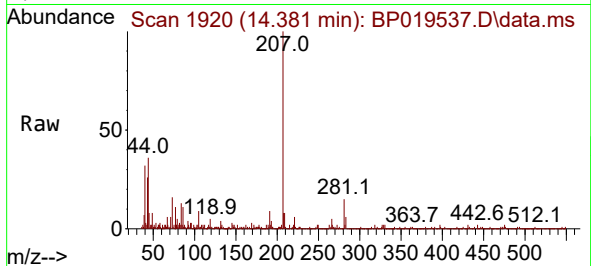




#49  
Acenaphthylene  
Concen: 0.001 ng  
RT: 14.381 min Scan# 1902  
Delta R.T. 0.106 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

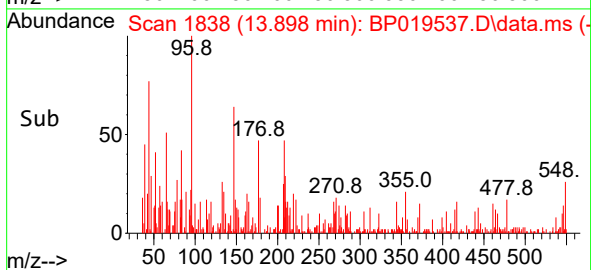
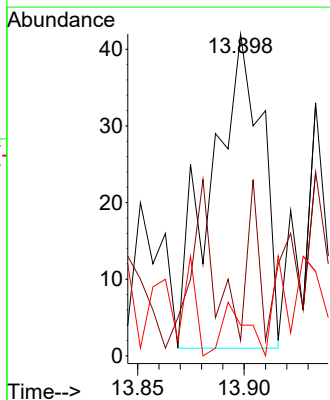
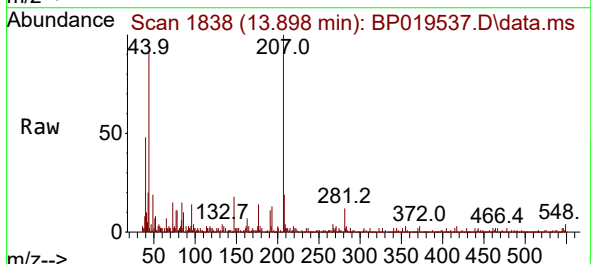
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

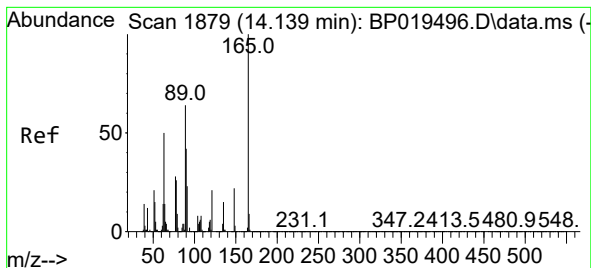
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 20    |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 18.2  | 15.8  | 23.6  |
| 153      | 13.6  | 10.6  | 15.8  |



#50  
Dimethylphthalate  
Concen: 0.004 ng  
RT: 13.898 min Scan# 1838  
Delta R.T. -0.123 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 67    |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 4.4   | 3.4   | 5.2   |
| 164      | 8.9   | 7.8   | 11.6  |

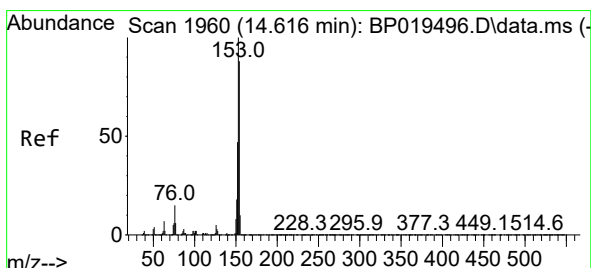
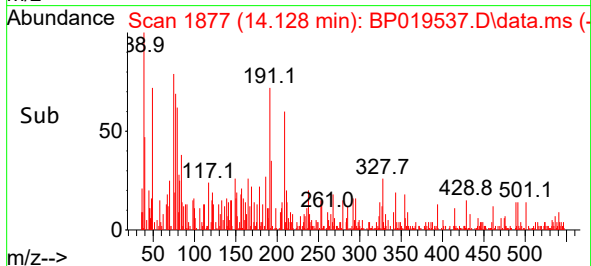
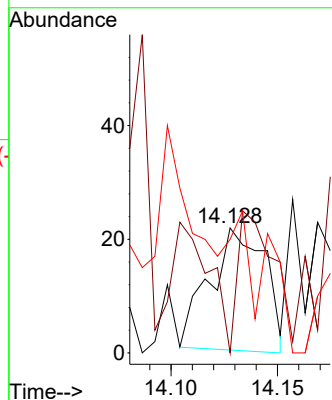
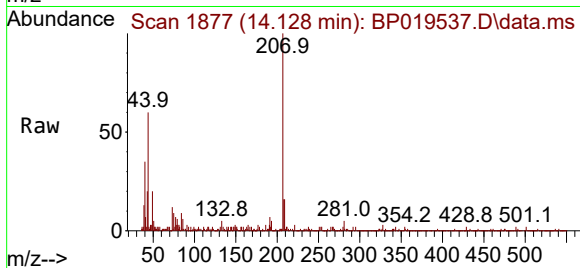




#51  
2,6-Dinitrotoluene  
Concen: 0.010 ng  
RT: 14.128 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

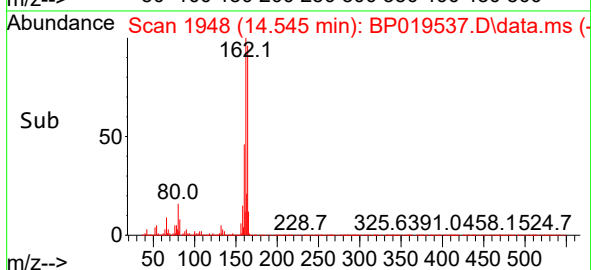
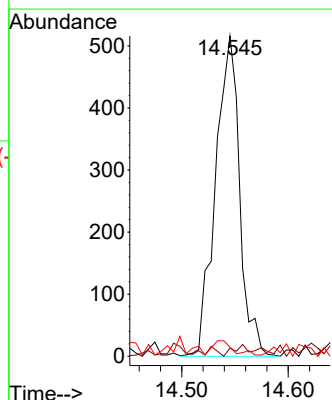
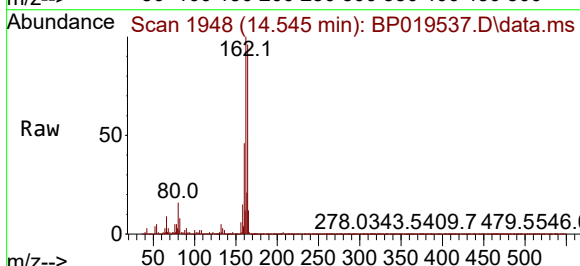
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

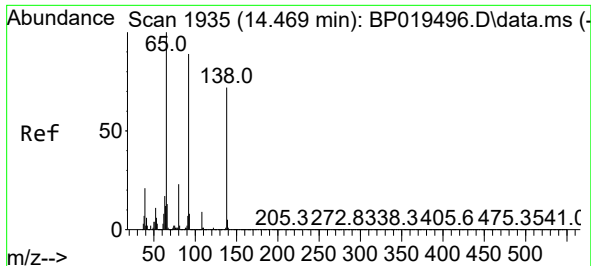
Tgt Ion:165 Resp: 39  
Ion Ratio Lower Upper  
165 100  
63 0.0 50.4 75.6#  
89 90.9 51.7 77.5#



#52  
Acenaphthene  
Concen: 0.064 ng  
RT: 14.545 min Scan# 1948  
Delta R.T. -0.070 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:154 Resp: 813  
Ion Ratio Lower Upper  
154 100  
153 2.5 90.5 135.7#  
152 2.9 42.1 63.1#

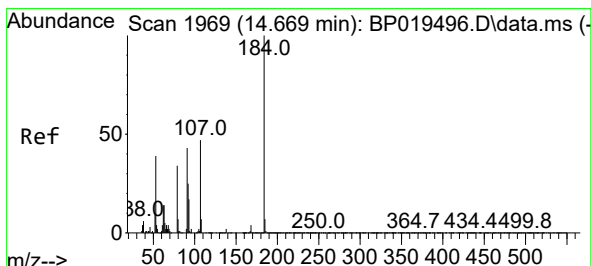
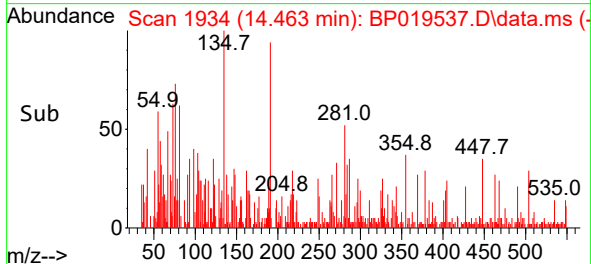
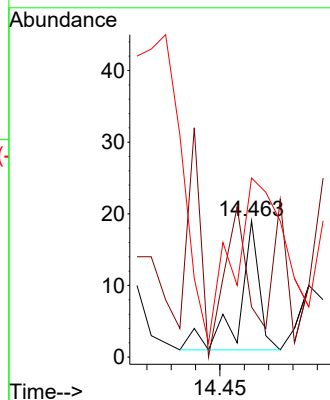
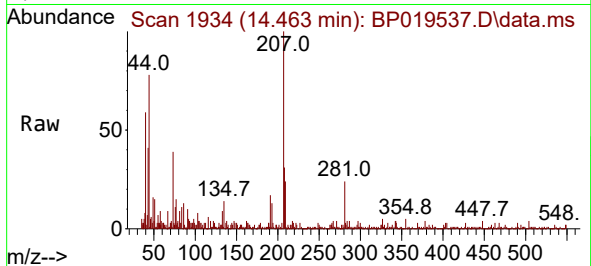




#53  
3-Nitroaniline  
Concen: 0.003 ng  
RT: 14.463 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

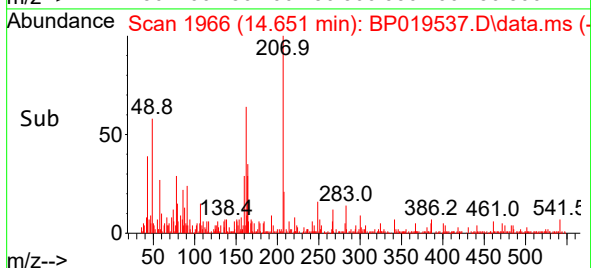
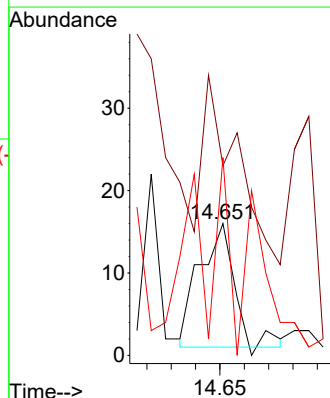
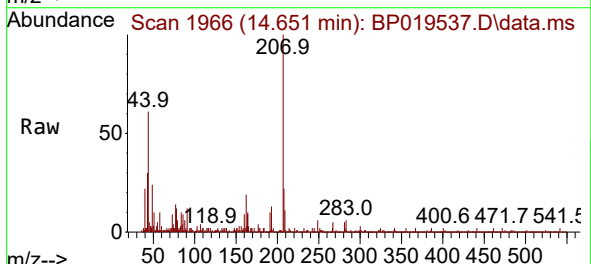
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

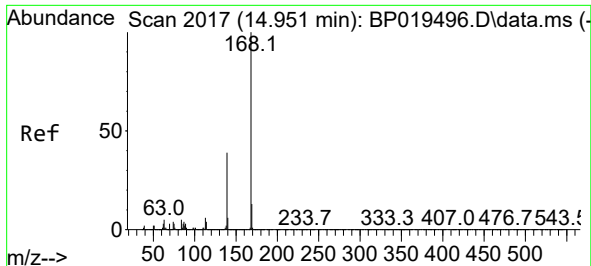
Tgt Ion:138 Resp: 10  
Ion Ratio Lower Upper  
138 100  
108 36.8 9.7 14.5#  
92 131.6 98.0 147.0



#54  
2,4-Dinitrophenol  
Concen: 0.008 ng  
RT: 14.651 min Scan# 1966  
Delta R.T. -0.018 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:184 Resp: 15  
Ion Ratio Lower Upper  
184 100  
63 143.8 50.5 75.7#  
154 150.0 53.4 80.0#

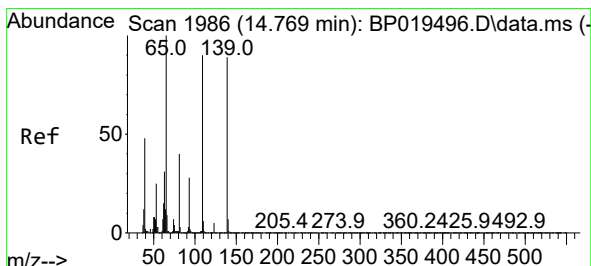
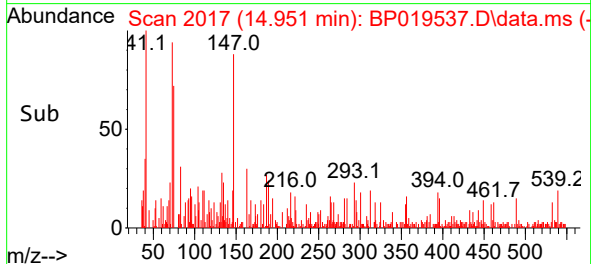
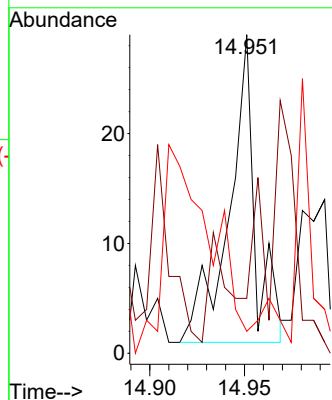
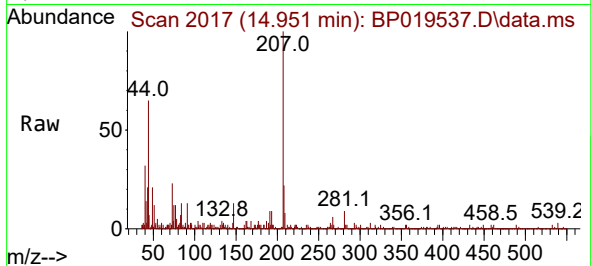




#55  
Dibenzenofuran  
Concen: 0.001 ng  
RT: 14.951 min Scan# 2017  
Delta R.T. 0.000 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

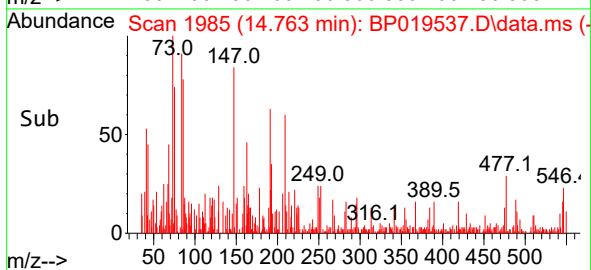
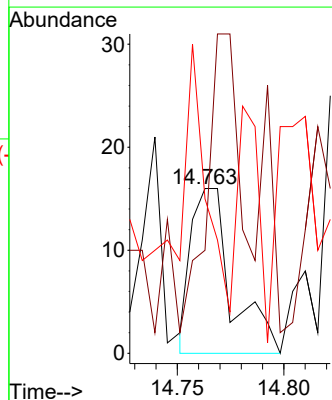
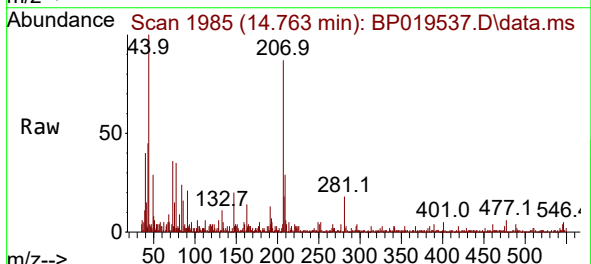
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

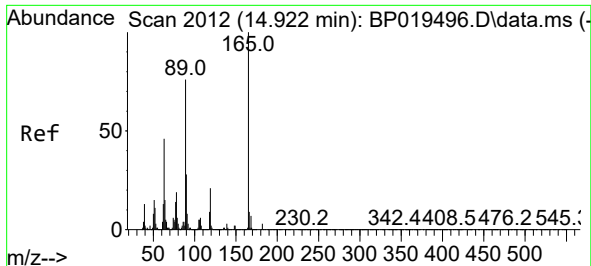
Tgt Ion:168 Resp: 27  
Ion Ratio Lower Upper  
168 100  
139 17.2 31.5 47.3#  
169 6.9 10.3 15.5#



#56  
4-Nitrophenol  
Concen: 0.007 ng  
RT: 14.763 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:139 Resp: 21  
Ion Ratio Lower Upper  
139 100  
109 62.5 82.0 122.0#  
65 218.8 92.9 132.9#

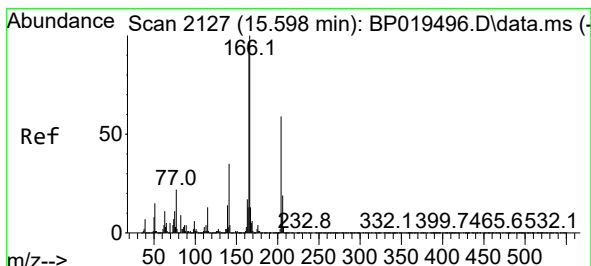
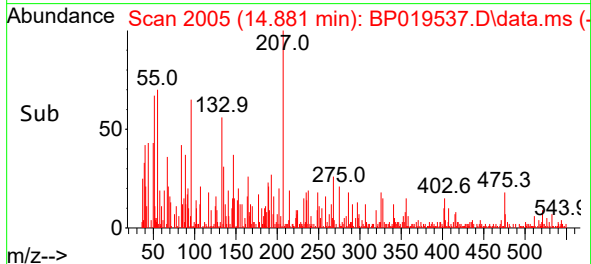
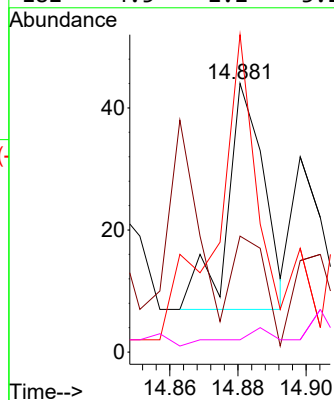
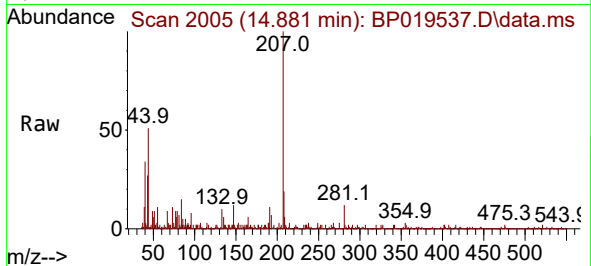




#57  
2,4-Dinitrotoluene  
Concen: 0.006 ng  
RT: 14.881 min Scan# 2082  
Delta R.T. -0.041 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

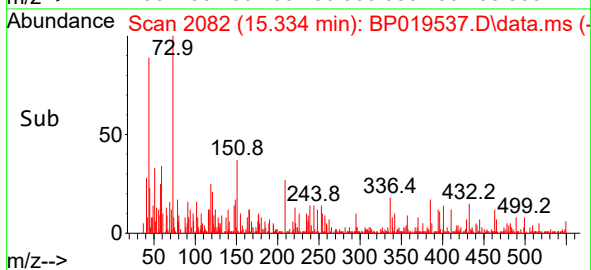
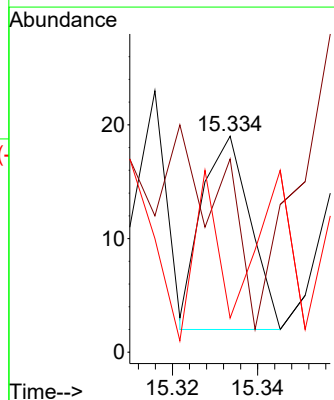
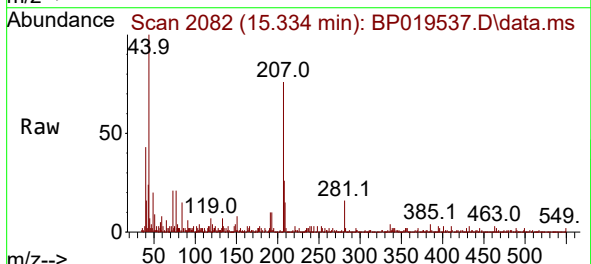
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 28    |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 43.2  | 36.9  | 55.3  |
| 89        | 134.1 | 61.1  | 91.7# |
| 182       | 4.5   | 2.2   | 3.2#  |

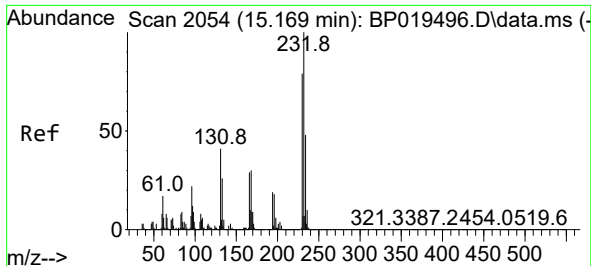


#58  
Fluorene  
Concen: 0.001 ng  
RT: 15.334 min Scan# 2082  
Delta R.T. -0.264 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 13    |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 89.5  | 77.8  | 116.8 |
| 167       | 15.8  | 10.7  | 16.1  |







#59

2,3,4,6-Tetrachlorophenol

Concen: 0.003 ng

RT: 15.175 min Scan# 2055

Delta R.T. 0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

Tgt Ion:232 Resp: 13

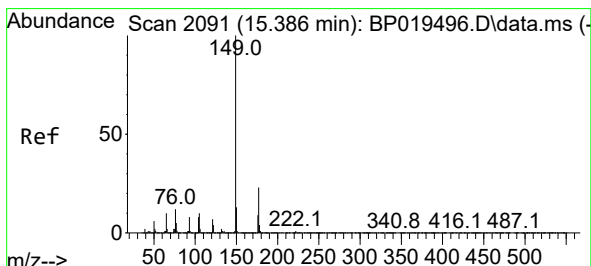
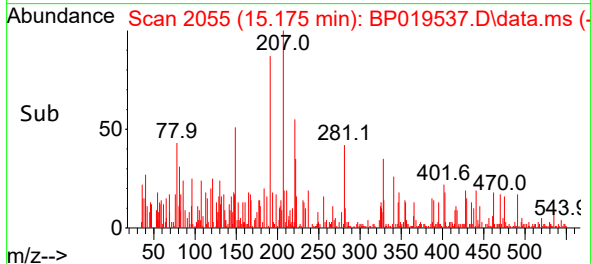
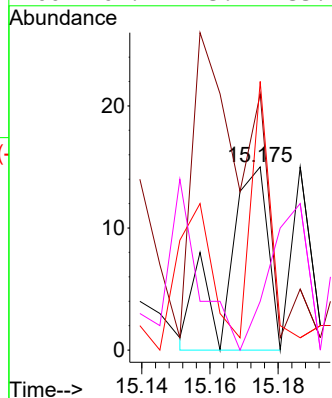
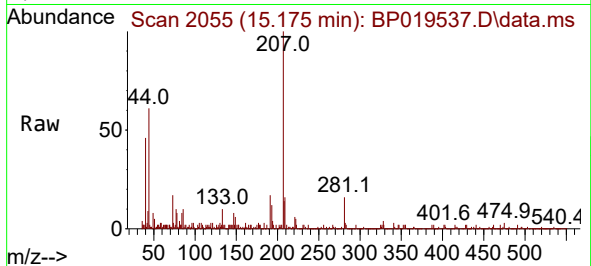
Ion Ratio Lower Upper

232 100

131 0.0 32.4 48.6#

130 69.2 1.9 2.9#

166 69.2 23.4 35.2#



#60

Diethylphthalate

Concen: 0.009 ng

RT: 15.381 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

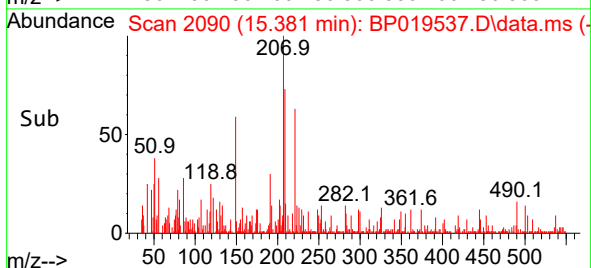
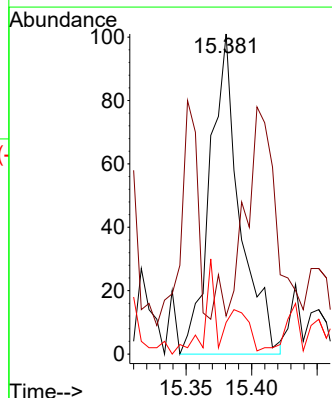
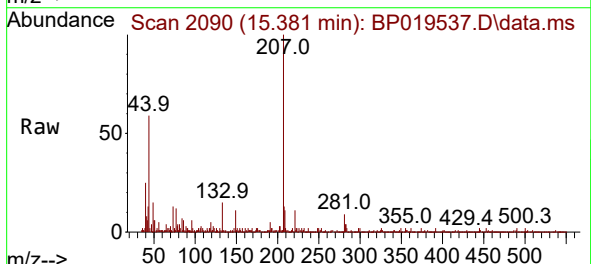
Tgt Ion:149 Resp: 160

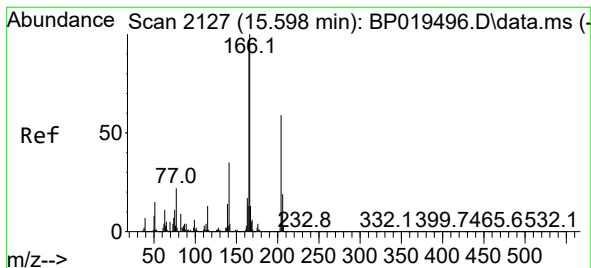
Ion Ratio Lower Upper

149 100

177 11.9 18.2 27.2#

150 9.9 10.2 15.4#

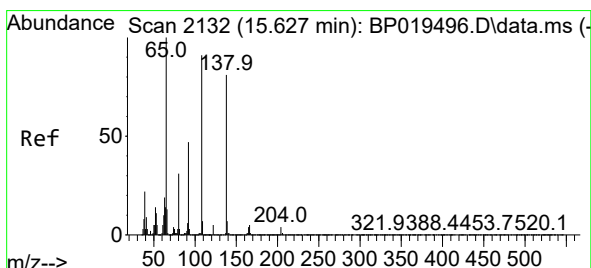
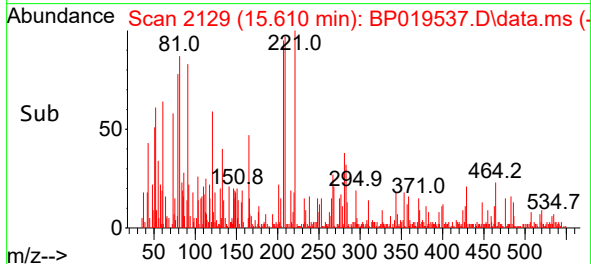
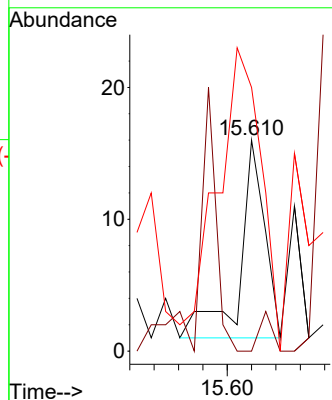
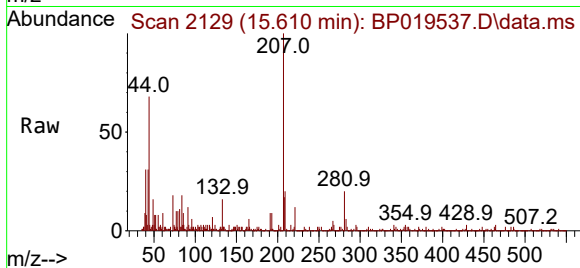




#61  
4-Chlorophenyl-phenylether  
Concen: 0.001 ng  
RT: 15.610 min Scan# 2117  
Delta R.T. 0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

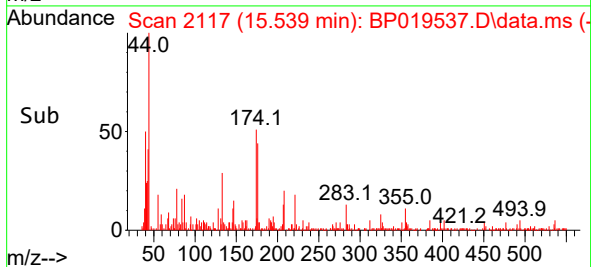
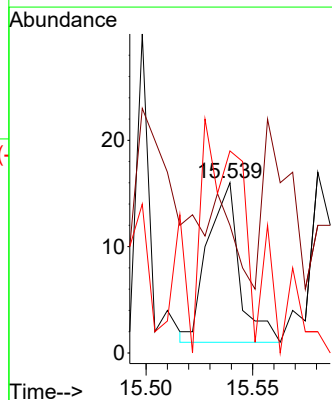
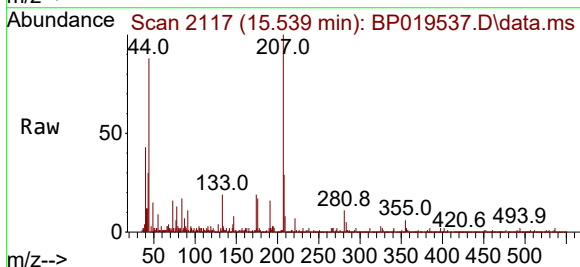
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

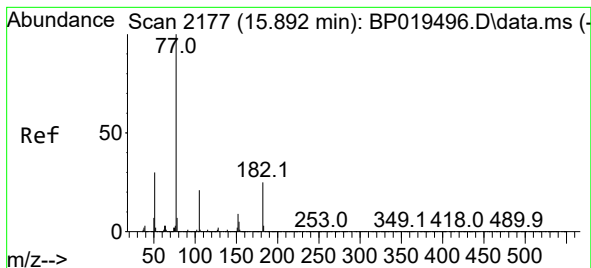
Tgt Ion:204 Resp: 11  
Ion Ratio Lower Upper  
204 100  
206 0.0 26.5 39.7#  
141 111.1 48.5 72.7#



#62  
4-Nitroaniline  
Concen: 0.004 ng  
RT: 15.539 min Scan# 2117  
Delta R.T. -0.088 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:138 Resp: 16  
Ion Ratio Lower Upper  
138 100  
92 75.0 38.3 78.3  
108 118.8 91.2 131.2



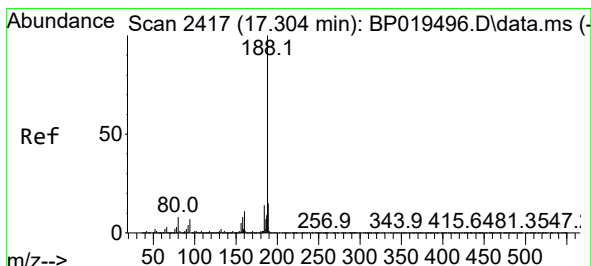
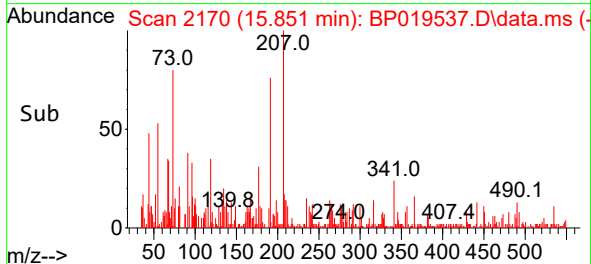
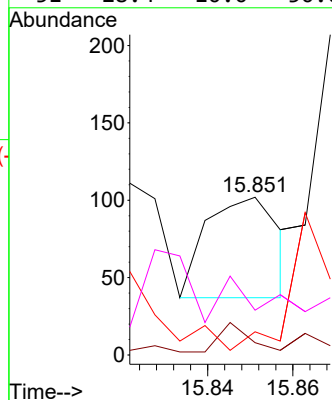
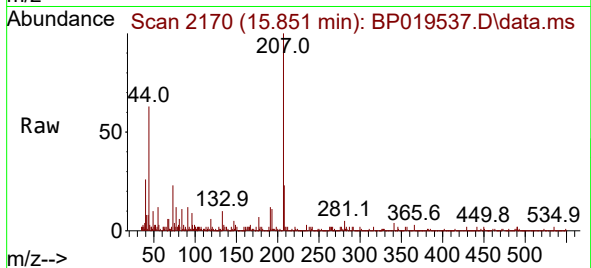


#63  
Azobenzene  
Concen: 0.005 ng  
RT: 15.851 min Scan# 2177  
Delta R.T. -0.041 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

Tgt Ion: 77 Resp: 77

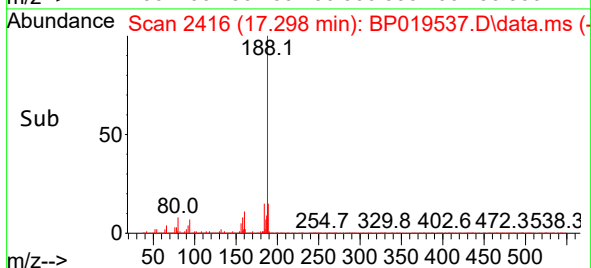
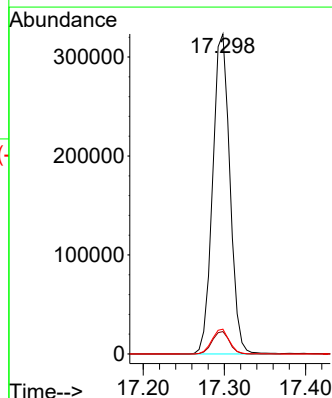
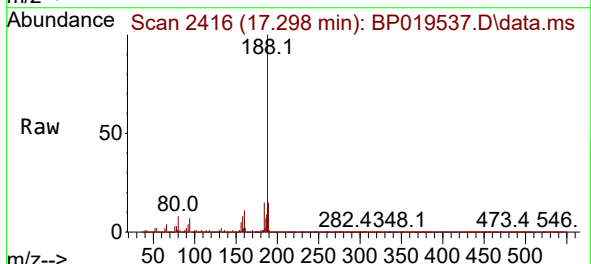
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 7.8   | 5.1   | 45.1  |
| 105 | 14.7  | 0.8   | 40.8  |
| 51  | 28.4  | 10.0  | 50.0  |

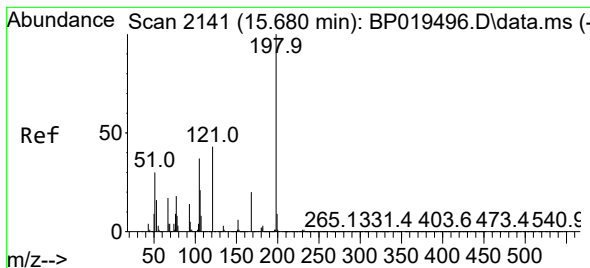


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.298 min Scan# 2416  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion: 188 Resp: 476169

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 7.0   | 5.4   | 8.2   |
| 80  | 7.7   | 6.3   | 9.5   |

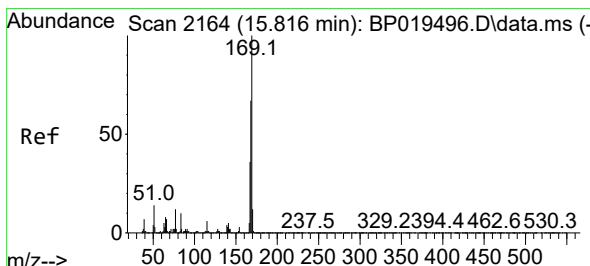
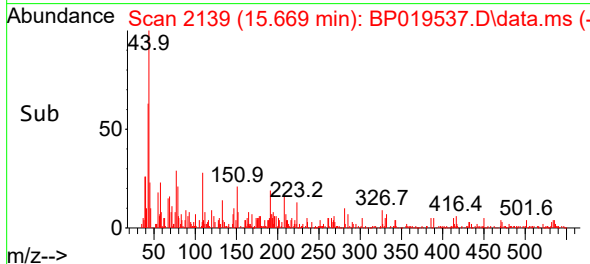
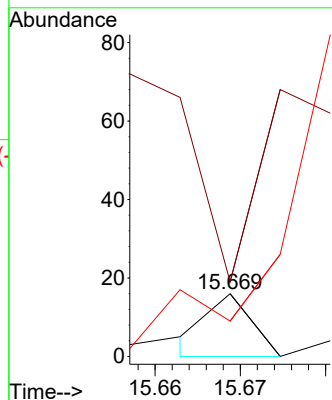
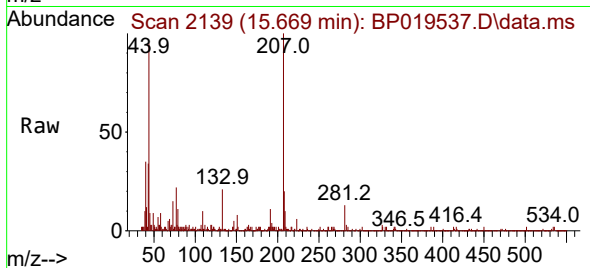




#65  
4,6-Dinitro-2-methylphenol  
Concen: 0.002 ng  
RT: 15.669 min Scan# 2141  
Delta R.T. -0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

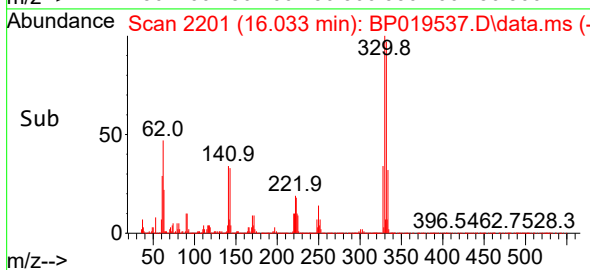
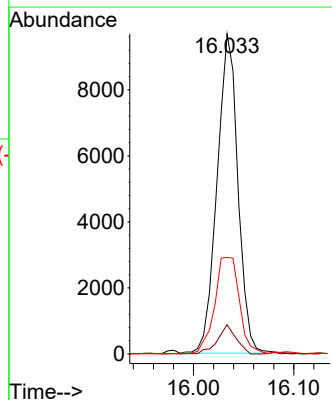
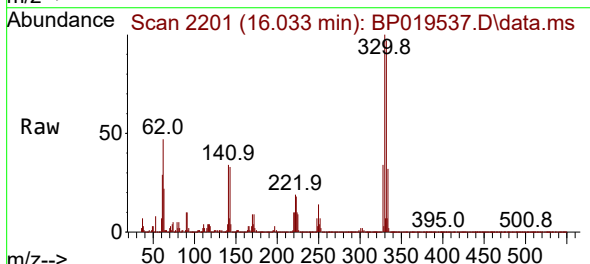
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

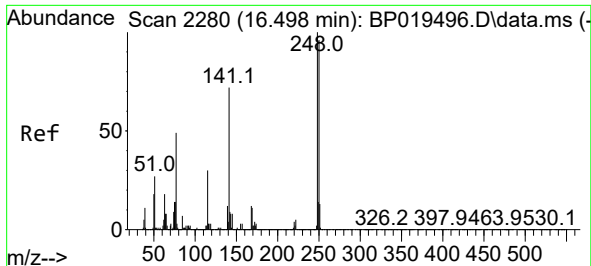
Tgt Ion:198 Resp: 6  
Ion Ratio Lower Upper  
198 100  
51 118.8 21.2 61.2#  
105 56.3 19.1 59.1



#66  
n-Nitrosodiphenylamine  
Concen: 0.979 ng  
RT: 16.033 min Scan# 2201  
Delta R.T. 0.218 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:169 Resp: 13965  
Ion Ratio Lower Upper  
169 100  
168 9.1 53.4 80.2#  
167 30.2 28.9 43.3

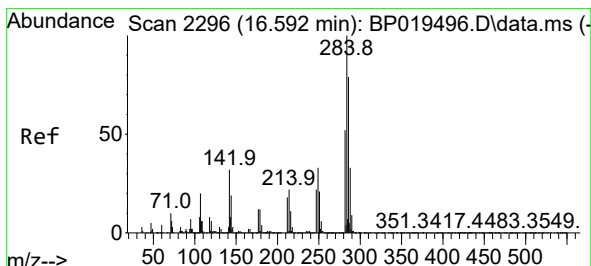
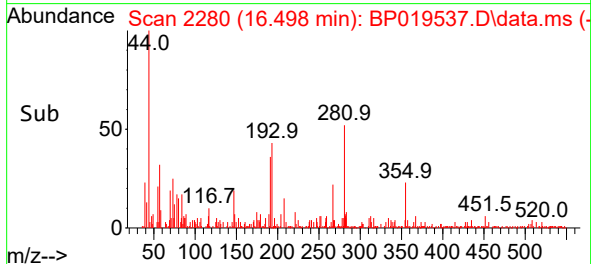
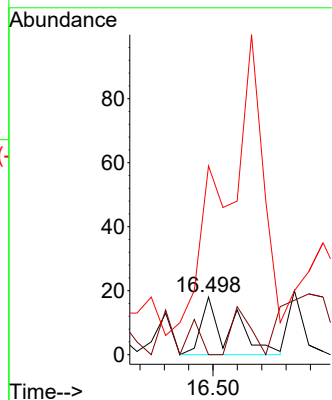
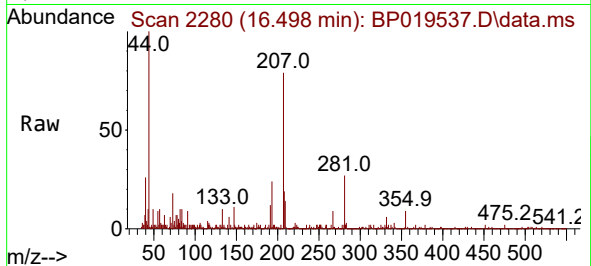




#67  
4-Bromophenyl-phenylether  
Concen: 0.003 ng  
RT: 16.498 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

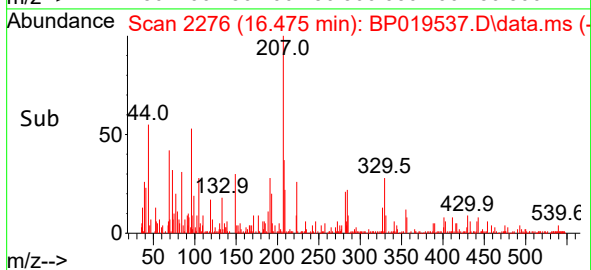
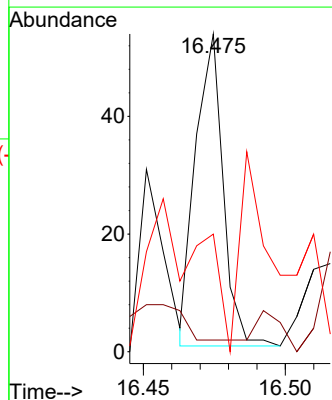
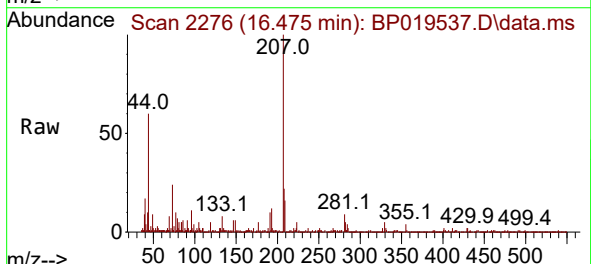
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

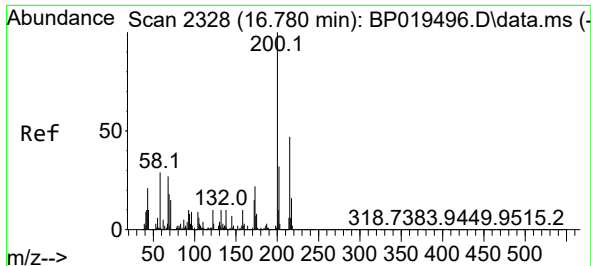
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 15    |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 83.3  | 76.9  | 115.3 |
| 141      | 344.4 | 58.0  | 87.0# |



#68  
Hexachlorobenzene  
Concen: 0.005 ng  
RT: 16.475 min Scan# 2276  
Delta R.T. -0.117 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 36    |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 33.3  | 25.4  | 38.2  |
| 249      | 37.0  | 26.5  | 39.7  |

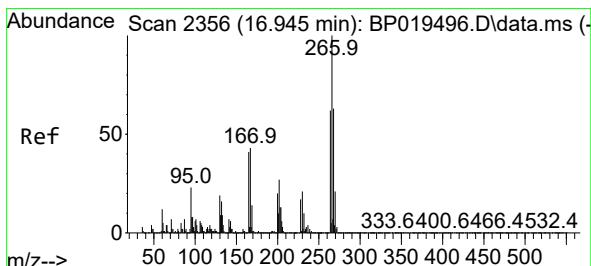
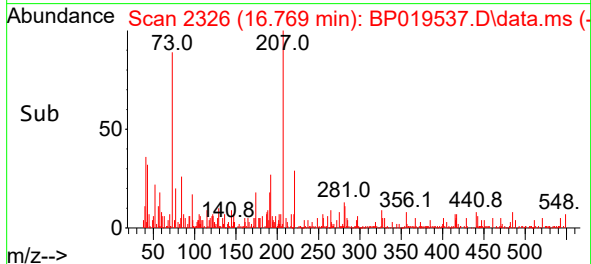
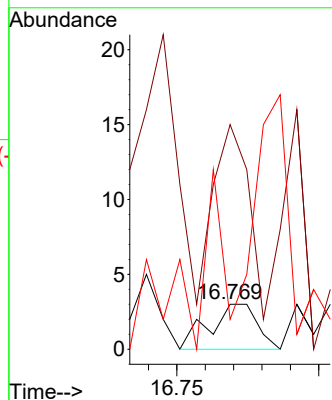
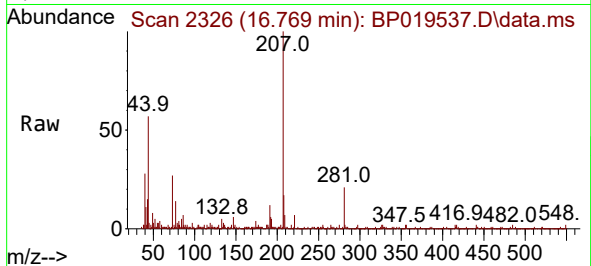




#69  
Atrazine  
Concen: 0.001 ng  
RT: 16.769 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

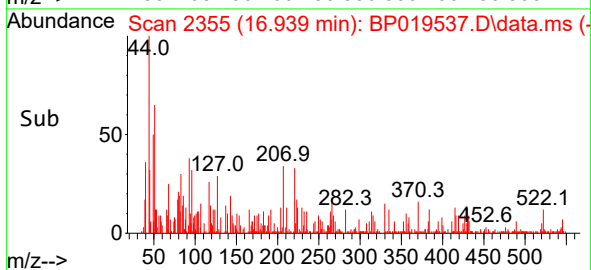
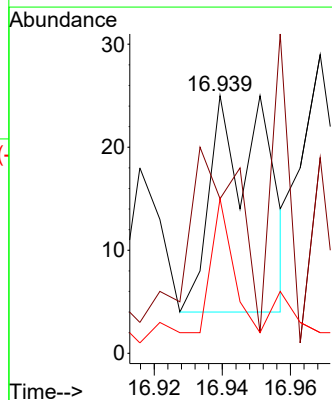
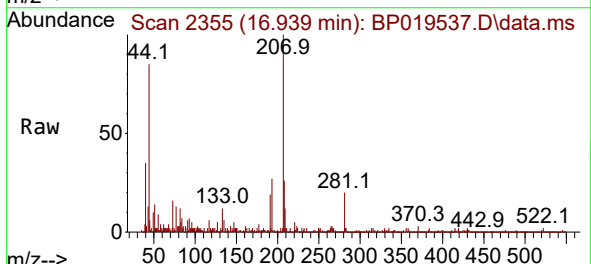
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

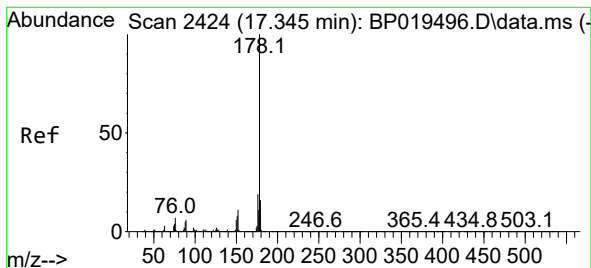
Tgt Ion:200 Resp: 4  
Ion Ratio Lower Upper  
200 100  
173 500.0 1.7 41.7#  
215 66.7 26.9 66.9



#70  
Pentachlorophenol  
Concen: 0.005 ng  
RT: 16.939 min Scan# 2355  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:266 Resp: 23  
Ion Ratio Lower Upper  
266 100  
268 60.0 50.3 75.5  
264 60.0 49.7 74.5





#71

Phenanthrene

Concen: 0.004 ng

RT: 17.351 min Scan# 2425

Delta R.T. 0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

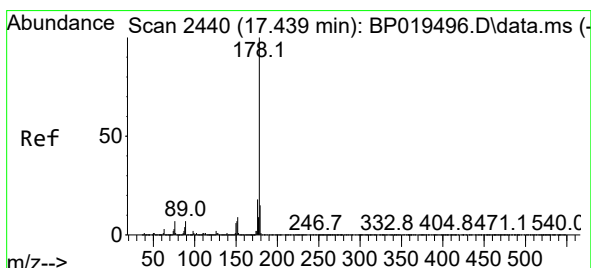
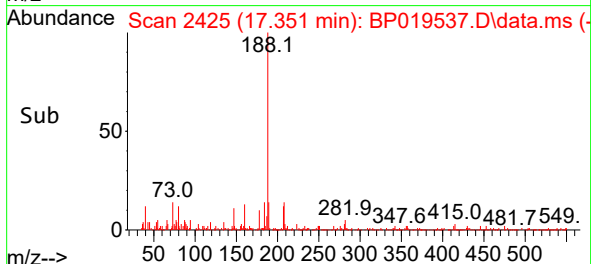
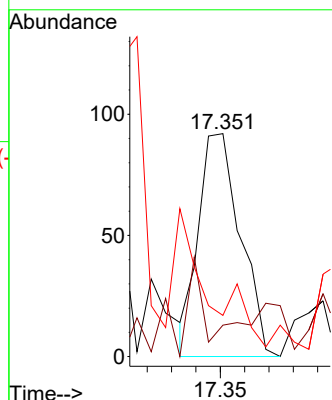
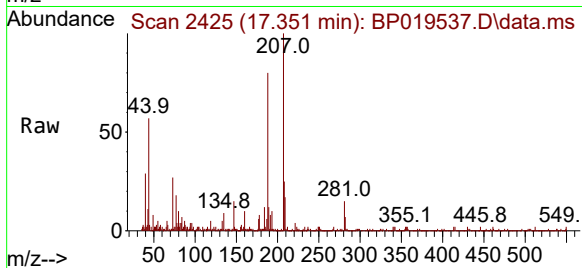
Tgt Ion:178 Resp: 110

Ion Ratio Lower Upper

178 100

176 14.1 15.5 23.3#

179 18.5 12.6 19.0



#72

Anthracene

Concen: 0.006 ng

RT: 17.439 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

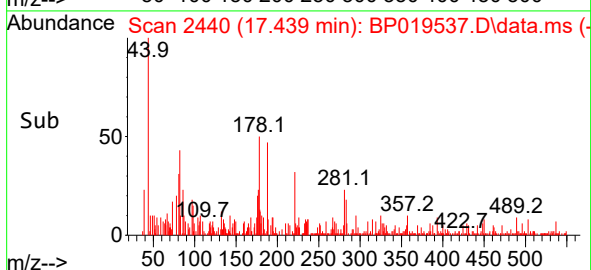
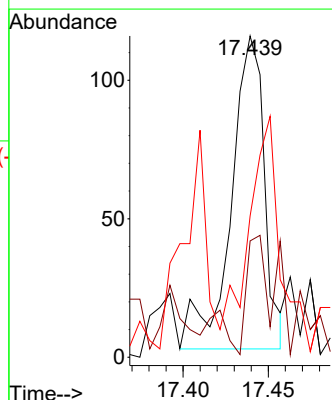
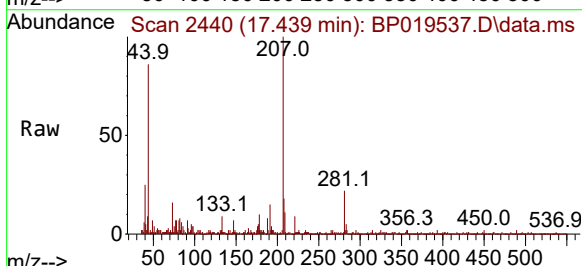
Tgt Ion:178 Resp: 154

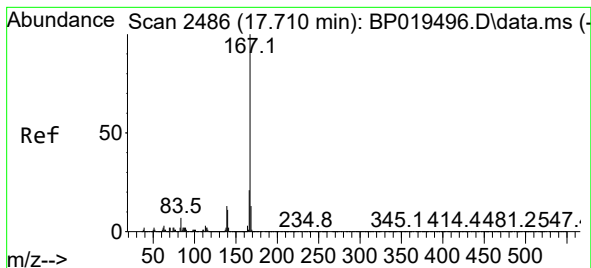
Ion Ratio Lower Upper

178 100

176 29.4 14.7 22.1#

179 35.7 12.2 18.2#





#73

Carbazole

Concen: 0.006 ng

RT: 17.704 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

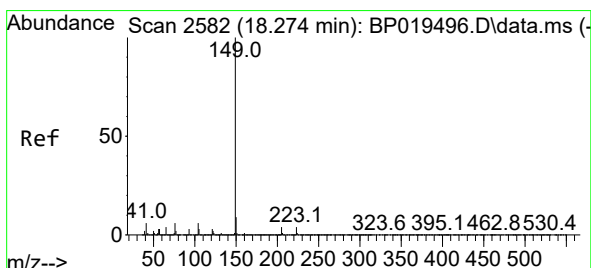
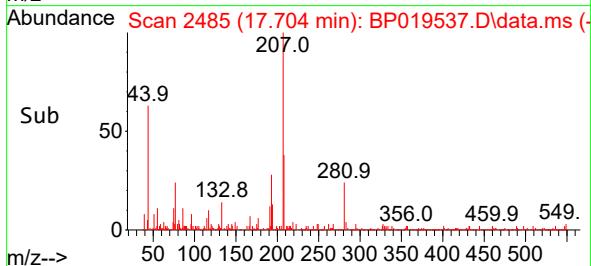
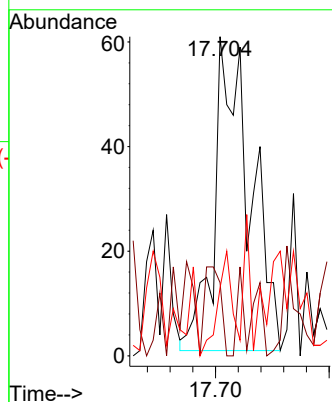
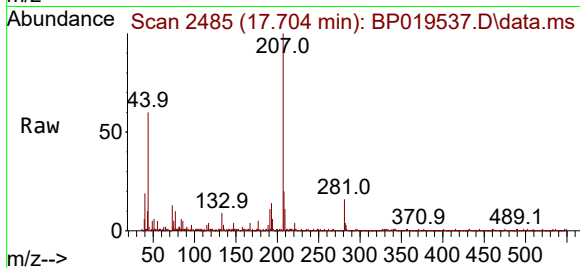
Instrument :

BNA\_P

ClientSampleId :

PB158270BL

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:167 | Resp: | 130         |
| Ion         | Ratio | Lower Upper |
| 167         | 100   |             |
| 166         | 23.0  | 17.2 25.8   |
| 139         | 21.3  | 10.6 15.8#  |



#74

Di-n-butylphthalate

Concen: 0.002 ng

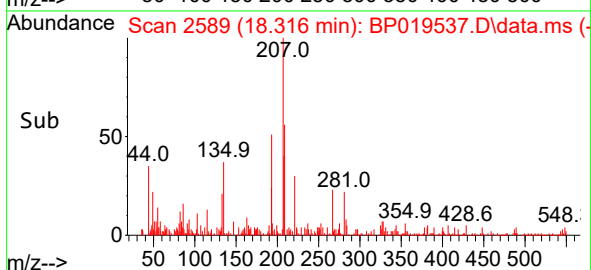
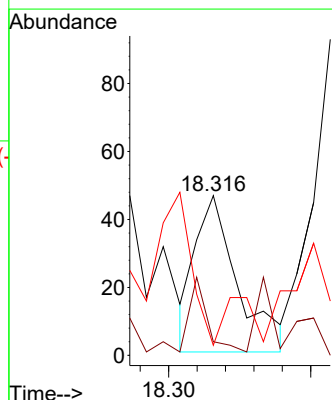
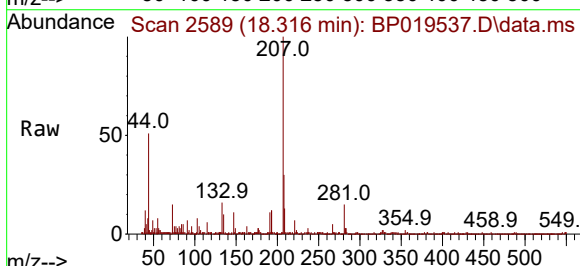
RT: 18.316 min Scan# 2589

Delta R.T. 0.041 min

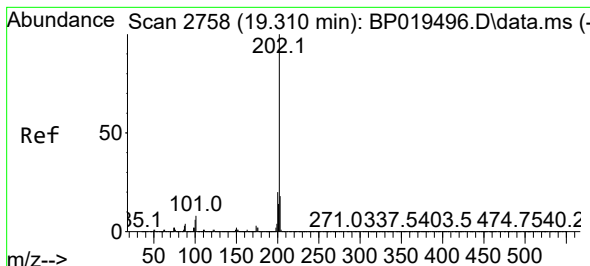
Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:149 | Resp: | 48          |
| Ion         | Ratio | Lower Upper |
| 149         | 100   |             |
| 150         | 8.5   | 7.3 10.9    |
| 104         | 6.4   | 4.8 7.2     |







#75

Fluoranthene

Concen: 0.001 ng

RT: 19.380 min Scan# 21

Delta R.T. 0.071 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

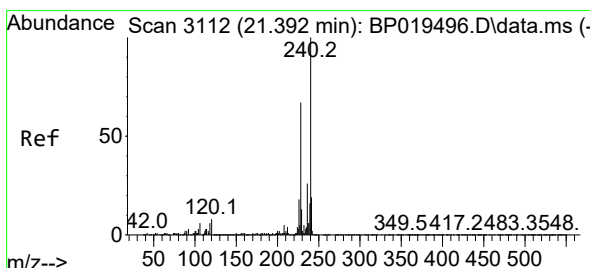
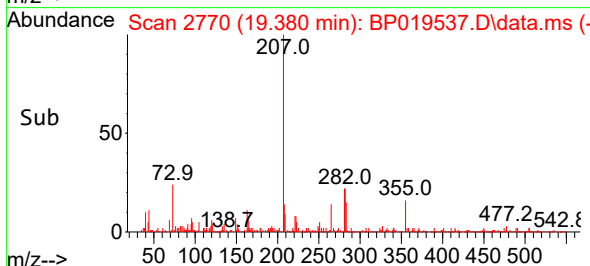
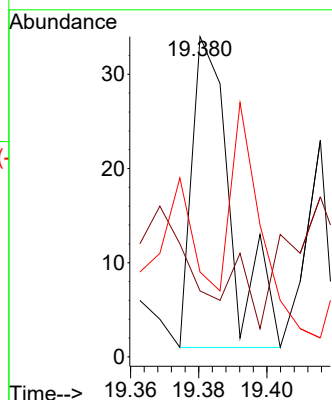
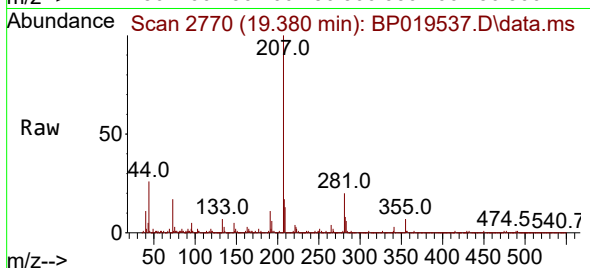
Tgt Ion:202 Resp: 26

Ion Ratio Lower Upper

202 100

101 20.6 0.0 27.7

203 26.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

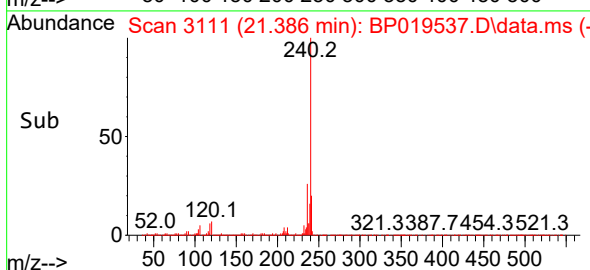
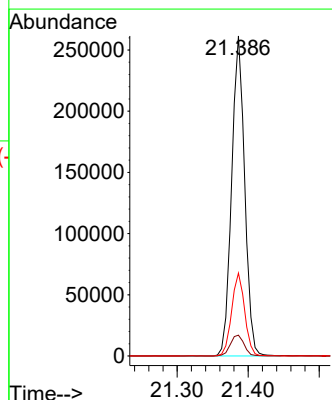
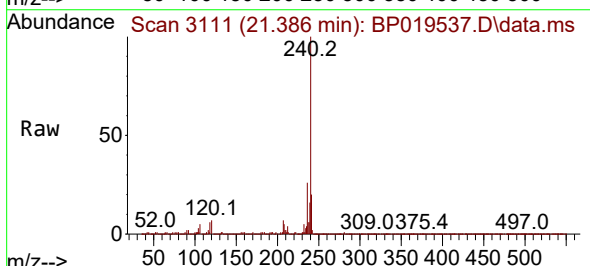
Tgt Ion:240 Resp: 332198

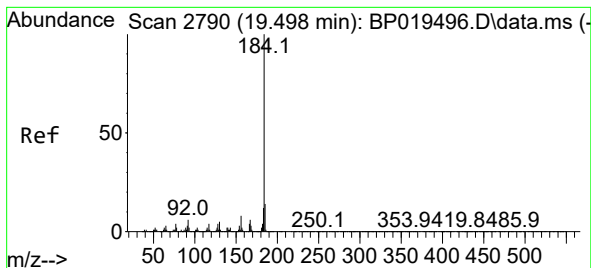
Ion Ratio Lower Upper

240 100

120 6.5 6.1 9.1

236 25.9 20.7 31.1





#77

Benzidine

Concen: 0.036 ng

RT: 19.522 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

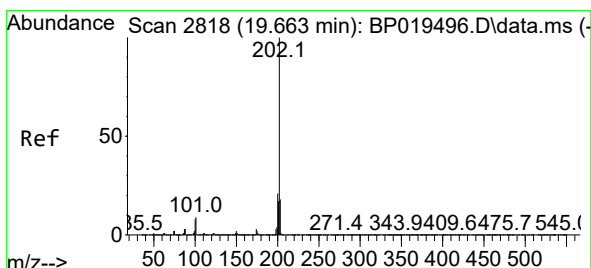
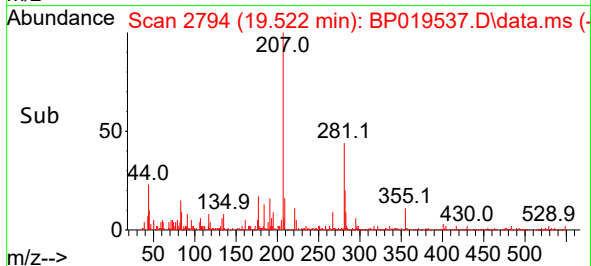
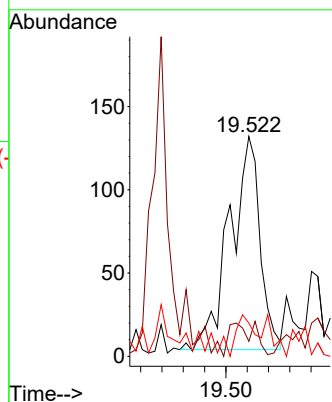
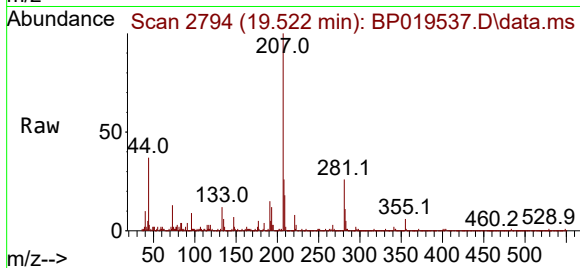
Tgt Ion:184 Resp: 252

Ion Ratio Lower Upper

184 100

185 6.8 11.1 16.7#

183 15.2 9.7 14.5#



#78

Pyrene

Concen: 0.326 ng

RT: 19.863 min Scan# 2852

Delta R.T. 0.200 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

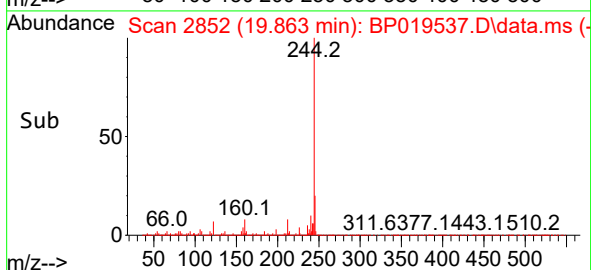
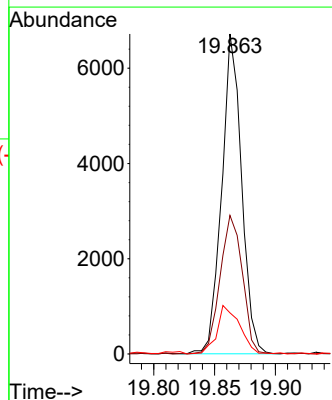
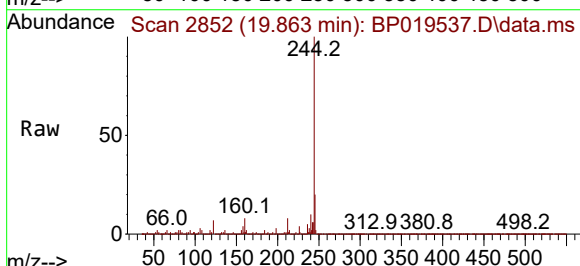
Tgt Ion:202 Resp: 7643

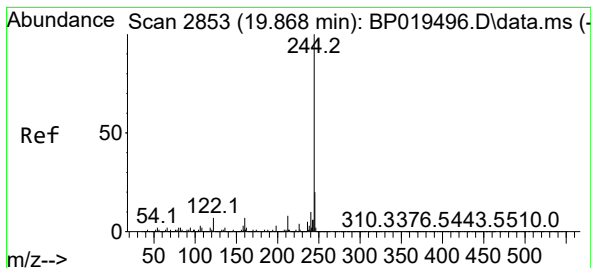
Ion Ratio Lower Upper

202 100

200 43.3 16.9 25.3#

203 12.8 14.2 21.2#





#79

Terphenyl-d14

Concen: 99.961 ng

RT: 19.863 min Scan# 2019216

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

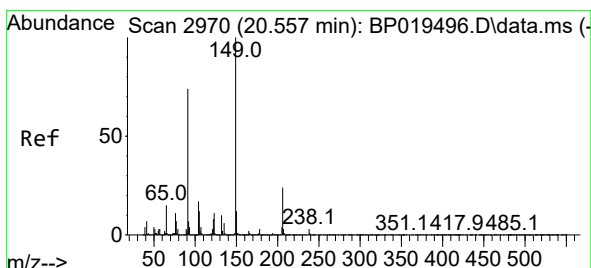
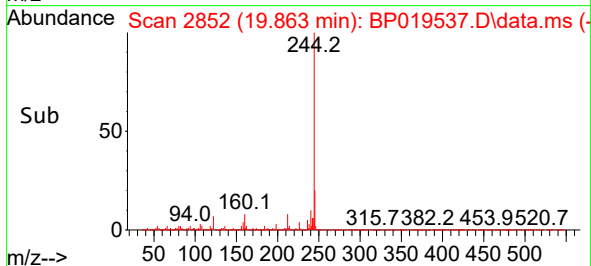
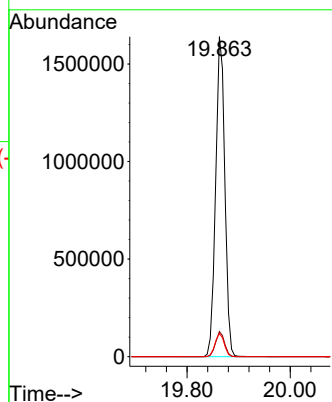
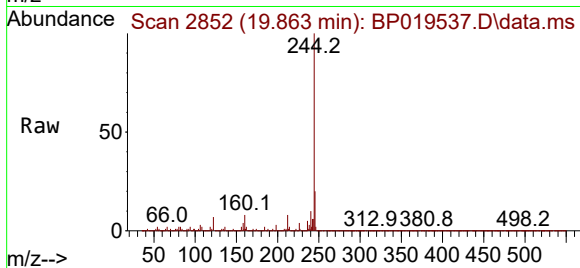
Tgt Ion:244 Resp: 2019216

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

122 7.3 5.9 8.9



#80

Butylbenzylphthalate

Concen: 0.015 ng

RT: 20.810 min Scan# 3013

Delta R.T. 0.253 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

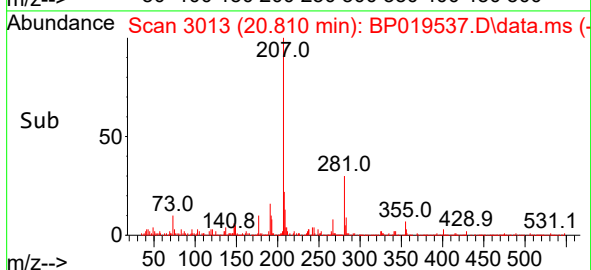
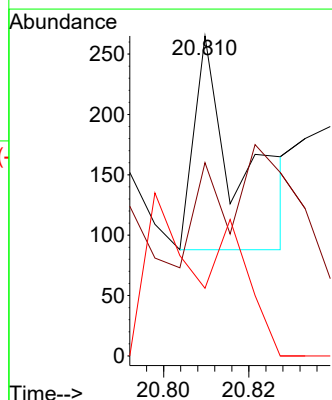
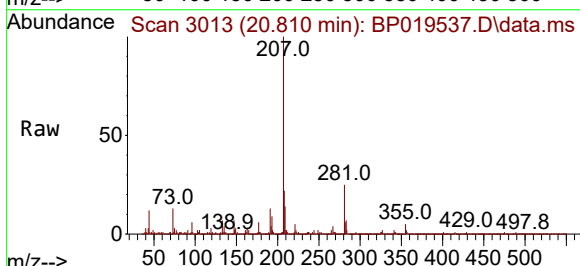
Tgt Ion:149 Resp: 131

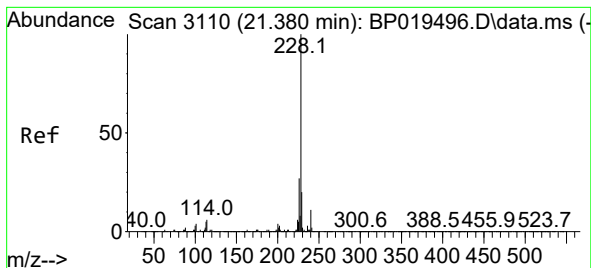
Ion Ratio Lower Upper

149 100

91 60.4 59.4 89.0

206 21.1 19.0 28.6





#81

Benzo(a)anthracene

Concen: 0.054 ng

RT: 21.386 min Scan# 3110

Delta R.T. 0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

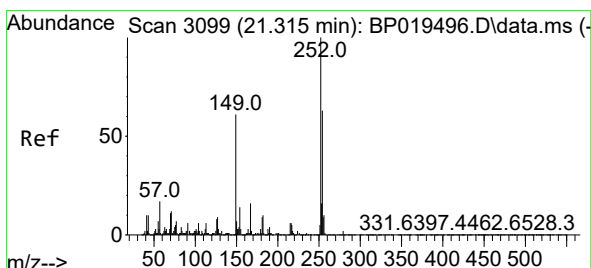
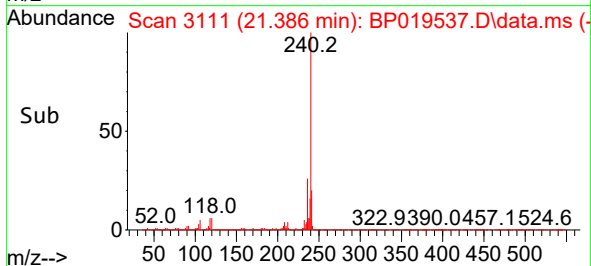
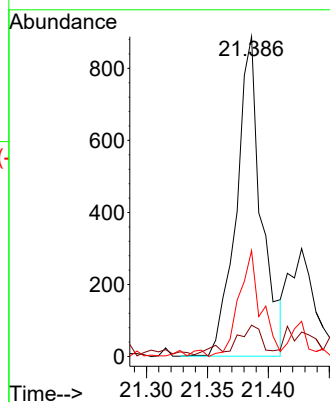
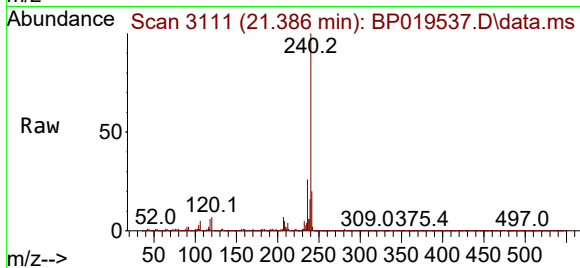
Tgt Ion:228 Resp: 1263

Ion Ratio Lower Upper

228 100

226 9.8 21.7 32.5#

229 33.1 15.6 23.4#



#82

3,3'-Dichlorobenzidine

Concen: 0.003 ng

RT: 21.292 min Scan# 3095

Delta R.T. -0.023 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

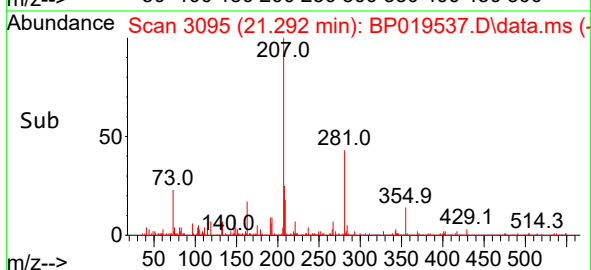
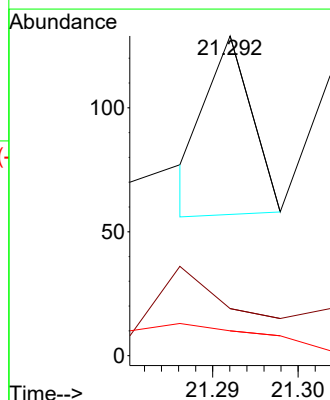
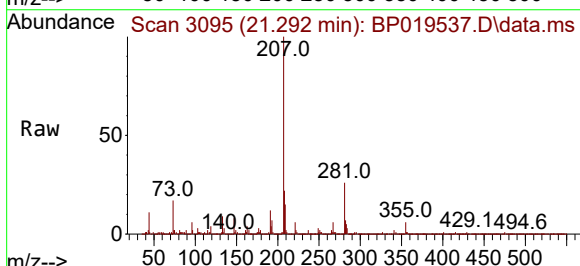
Tgt Ion:252 Resp: 26

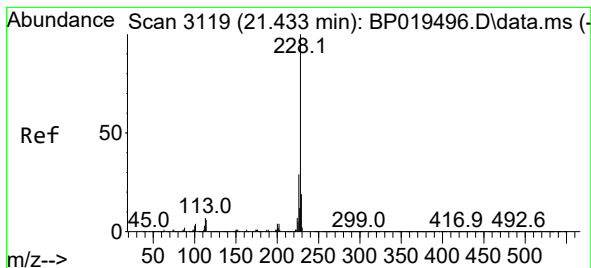
Ion Ratio Lower Upper

252 100

254 14.7 50.7 76.1#

126 18.6 6.4 9.6#





#83

Chrysene

Concen: 0.018 ng

RT: 21.427 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

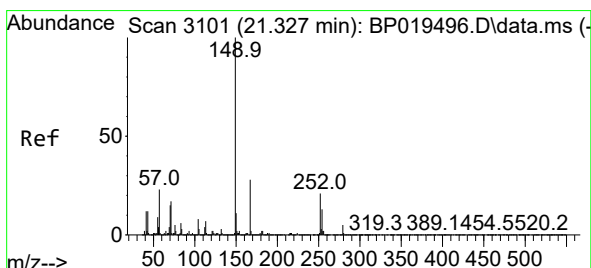
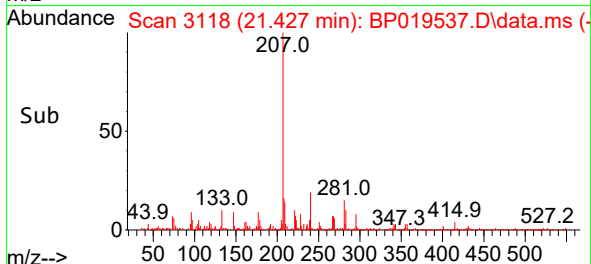
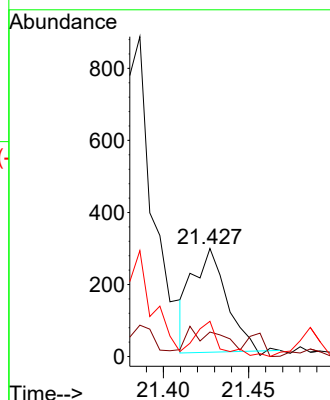
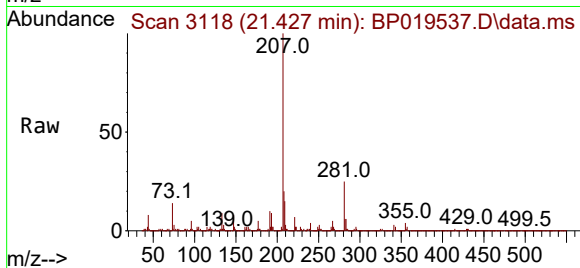
Tgt Ion:228 Resp: 401

Ion Ratio Lower Upper

228 100

226 22.7 23.4 35.2#

229 32.7 15.6 23.4#



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.011 ng

RT: 21.286 min Scan# 3094

Delta R.T. -0.041 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

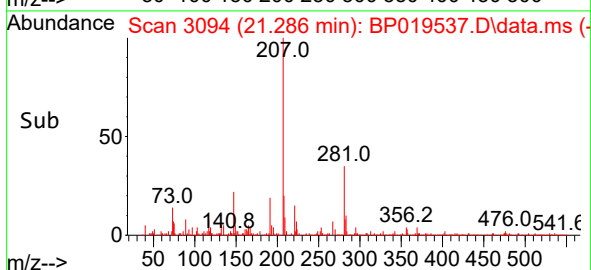
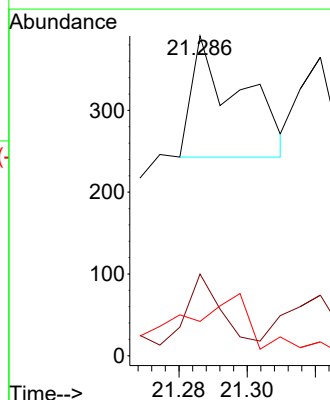
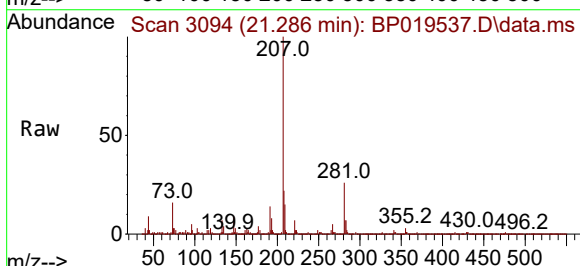
Tgt Ion:149 Resp: 145

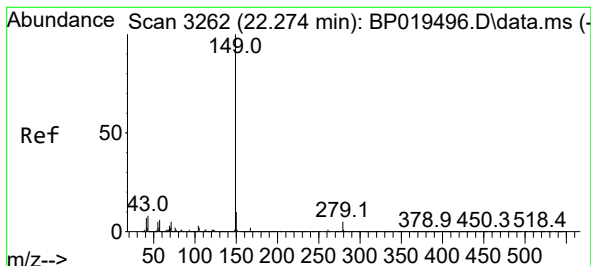
Ion Ratio Lower Upper

149 100

167 25.6 22.7 34.1

279 10.7 4.2 6.2#





#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.280 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

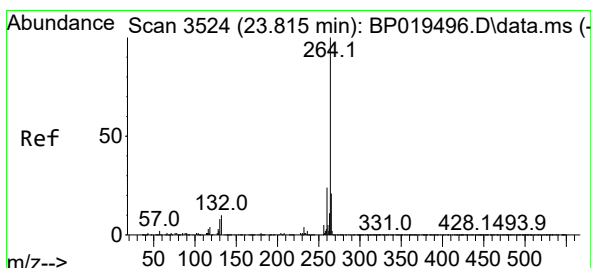
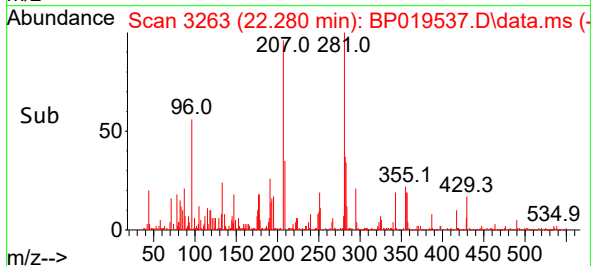
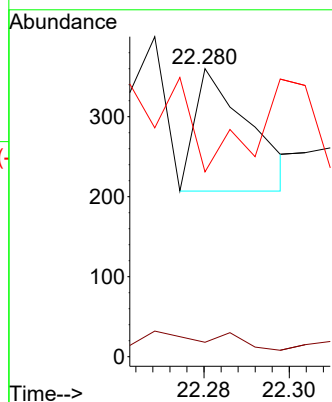
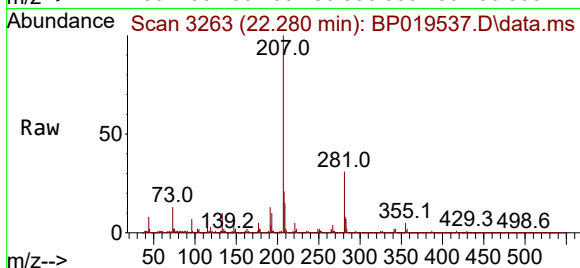
Tgt Ion:149 Resp: 135

Ion Ratio Lower Upper

149 100

167 20.0 1.3 1.9#

43 90.4 6.3 9.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

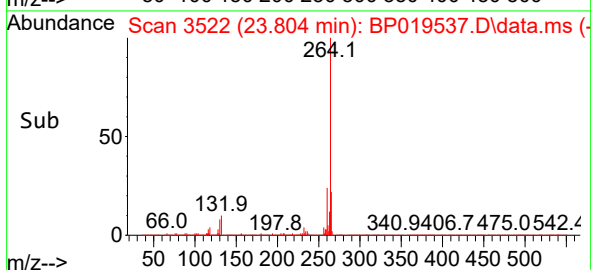
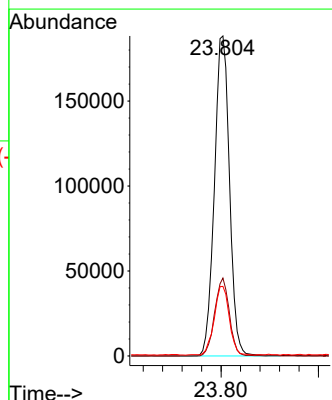
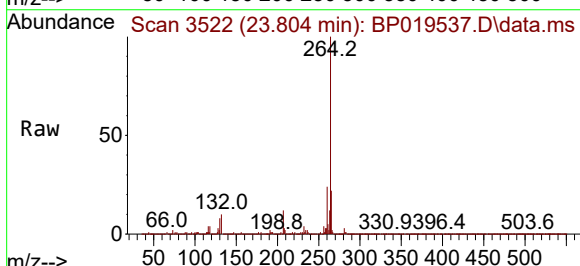
Tgt Ion:264 Resp: 404210

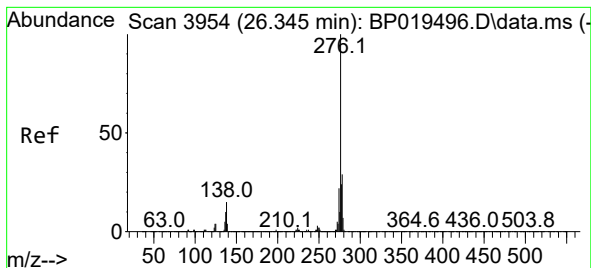
Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.010 ng

RT: 26.327 min Scan# 3951

Delta R.T. -0.017 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

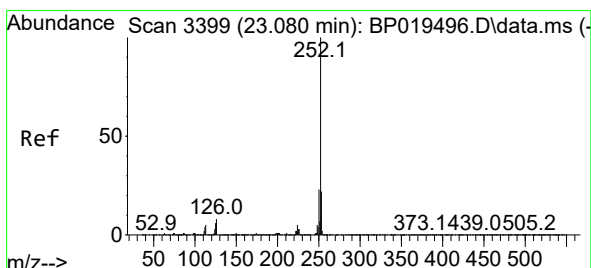
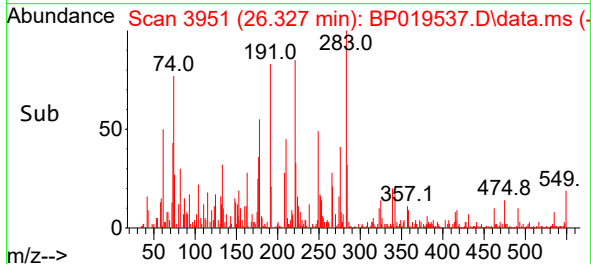
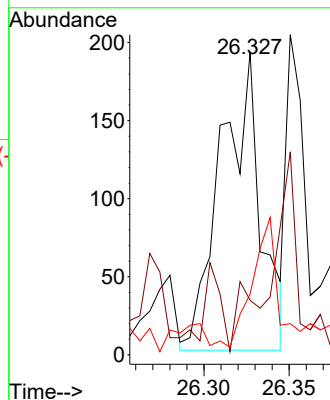
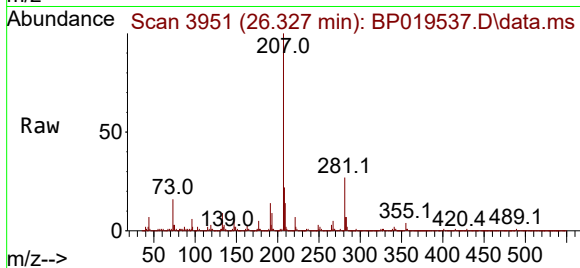
Tgt Ion:276 Resp: 308

Ion Ratio Lower Upper

276 100

138 0.0 13.1 19.7#

277 0.0 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 0.031 ng

RT: 23.057 min Scan# 3395

Delta R.T. -0.023 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

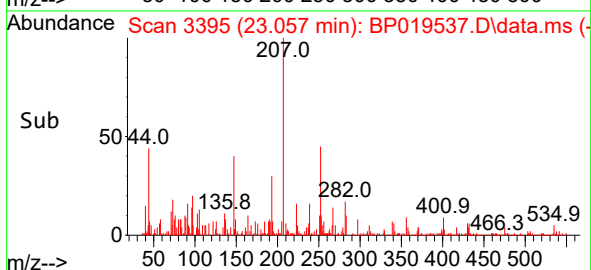
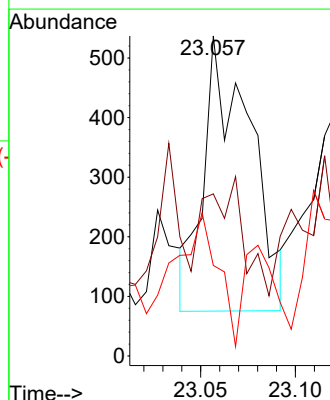
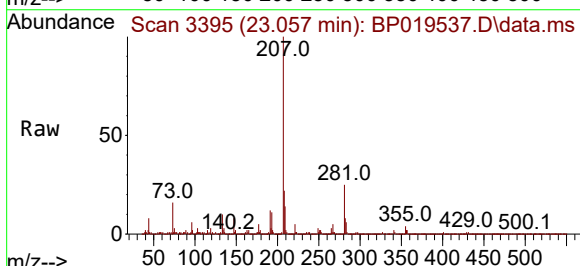
Tgt Ion:252 Resp: 788

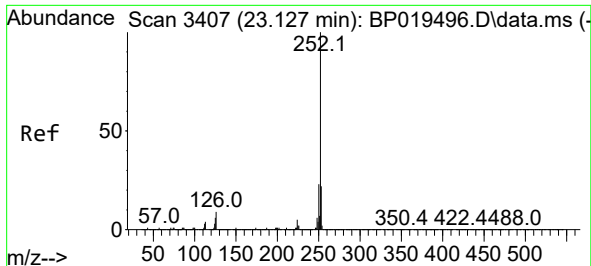
Ion Ratio Lower Upper

252 100

253 50.7 17.3 25.9#

125 28.3 4.9 7.3#

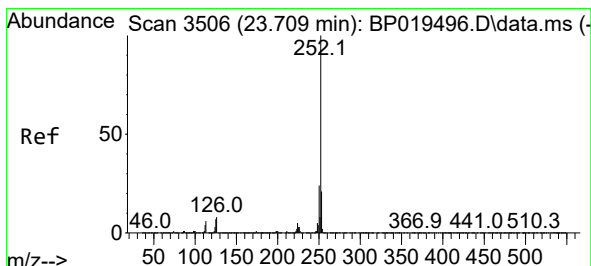
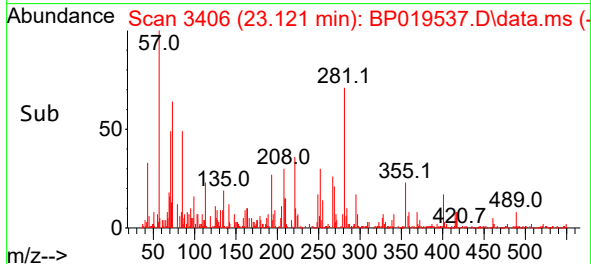
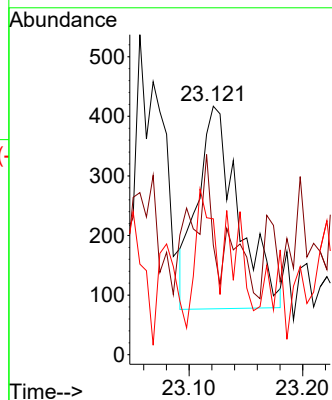
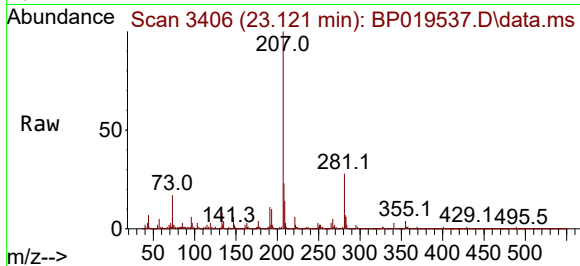




#89  
Benzo(k)fluoranthene  
Concen: 0.035 ng  
RT: 23.121 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

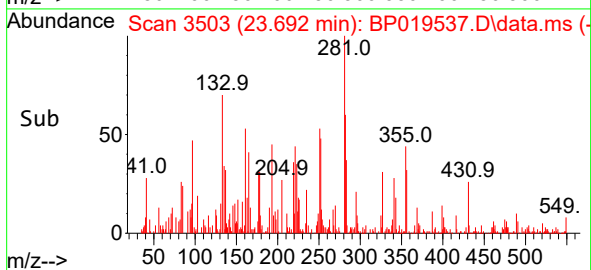
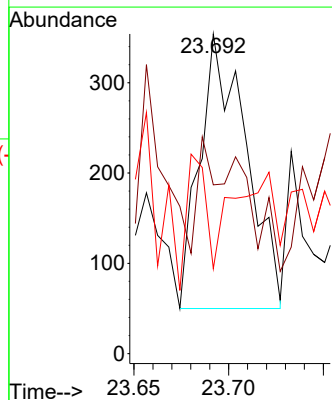
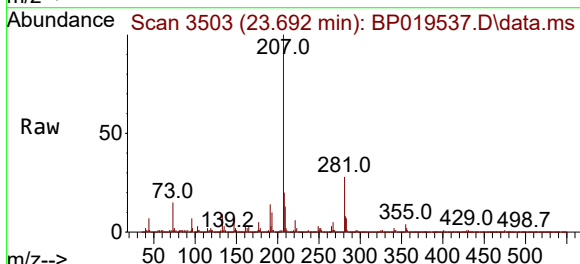
Instrument :  
BNA\_P  
ClientSampleId :  
PB158270BL

Tgt Ion:252 Resp: 853  
Ion Ratio Lower Upper  
252 100  
253 44.1 17.1 25.7#  
125 54.7 5.0 7.6#

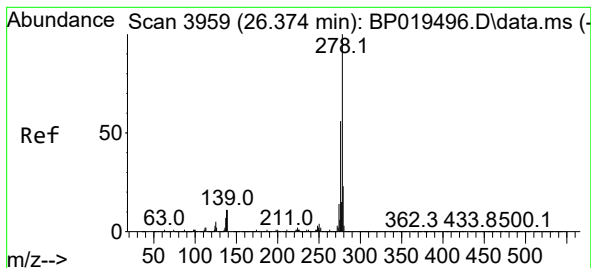


#90  
Benzo(a)pyrene  
Concen: 0.023 ng  
RT: 23.692 min Scan# 3503  
Delta R.T. -0.017 min  
Lab File: BP019537.D  
Acq: 02 Feb 2024 20:43

Tgt Ion:252 Resp: 518  
Ion Ratio Lower Upper  
252 100  
253 52.8 17.1 25.7#  
125 38.7 5.6 8.4#







#91

Dibenzo(a,h)anthracene

Concen: 0.005 ng

RT: 26.345 min Scan# 3954

Delta R.T. -0.029 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Instrument :

BNA\_P

ClientSampleId :

PB158270BL

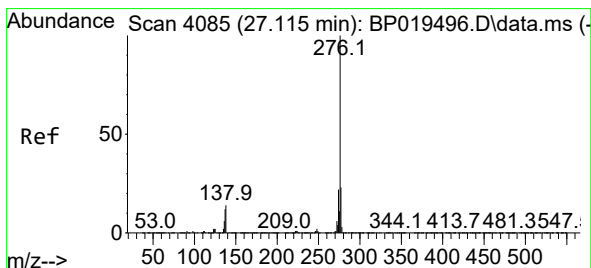
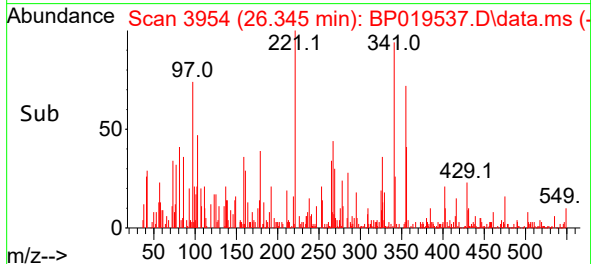
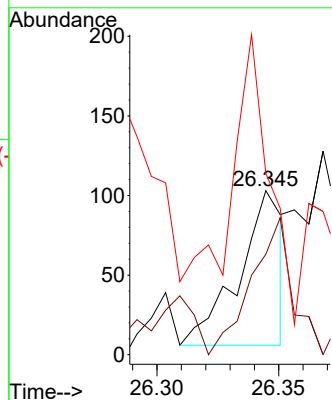
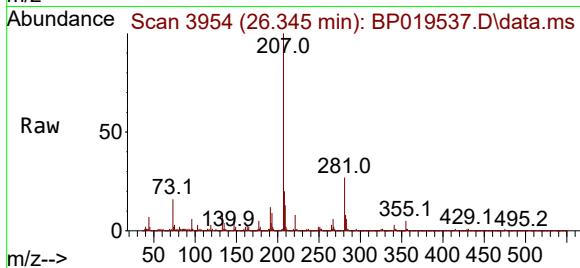
Tgt Ion:278 Resp: 121

Ion Ratio Lower Upper

278 100

139 61.2 8.6 12.8#

279 110.7 18.5 27.7#



#92

Benzo(g,h,i)perylene

Concen: 0.011 ng

RT: 27.103 min Scan# 4083

Delta R.T. -0.012 min

Lab File: BP019537.D

Acq: 02 Feb 2024 20:43

Tgt Ion:276 Resp: 296

Ion Ratio Lower Upper

276 100

277 28.1 18.6 28.0#

138 28.1 10.9 16.3#

