

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100324\  
 Data File : BF139635.D  
 Acq On : 03 Oct 2024 17:01  
 Operator : RC/JU  
 Sample : P4214-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-WC-1MSD

Quant Time: Oct 03 17:57:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 98769    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 380650   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.904  | 164  | 212684   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 394361   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 214591   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 213119   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 767010   | 134.599 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 953891   | 124.476 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 742939   | 98.818  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 298804   | 145.537 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.228  | 172  | 1318479  | 95.170  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.975 | 244  | 1385550  | 105.944 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.846  | 88   | 118025   | 47.906  | ng    | # 81     |
| 3) Pyridine                   | 3.552  | 79   | 265053   | 44.235  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.493  | 42   | 207301   | 52.855  | ng    | 97       |
| 6) Aniline                    | 6.534  | 93   | 261970   | 38.524  | ng    | # 86     |
| 8) 2-Chlorophenol             | 6.657  | 128  | 322970   | 52.900  | ng    | 98       |
| 9) Benzaldehyde               | 6.422  | 77   | 24568    | 6.052   | ng    | 99       |
| 10) Phenol                    | 6.522  | 94   | 368712   | 45.758  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 336315   | 51.261  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 338886   | 49.341  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 346495   | 49.811  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 7.034  | 146  | 326685   | 50.109  | ng    | 99       |
| 15) Benzyl Alcohol            | 7.016  | 79   | 323830   | 55.306  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.140  | 45   | 598051   | 52.655  | ng    | 87       |
| 17) 2-Methylphenol            | 7.128  | 107  | 262154   | 51.434  | ng    | 97       |
| 18) Hexachloroethane          | 7.375  | 117  | 132307   | 50.993  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 7.281  | 70   | 252617   | 51.274  | ng    | 100      |
| 20) 3+4-Methylphenols         | 7.281  | 107  | 319057   | 49.838  | ng    | 99       |
| 22) Acetophenone              | 7.281  | 105  | 461535   | 51.080  | ng    | 98       |
| 24) Nitrobenzene              | 7.451  | 77   | 390225   | 50.125  | ng    | 100      |
| 25) Isophorone                | 7.693  | 82   | 690904   | 51.740  | ng    | 100      |
| 26) 2-Nitrophenol             | 7.763  | 139  | 179000   | 53.484  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 269645   | 65.813  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 7.898  | 93   | 406197   | 50.942  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.010  | 162  | 273901   | 51.253  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 8.087  | 180  | 293582   | 48.577  | ng    | 100      |
| 31) Naphthalene               | 8.169  | 128  | 980209   | 50.365  | ng    | 99       |
| 32) Benzoic acid              | 7.940  | 122  | 219311   | 53.832  | ng    | 94       |
| 33) 4-Chloroaniline           | 8.216  | 127  | 92114    | 13.983  | ng    | 98       |
| 34) Hexachlorobutadiene       | 8.287  | 225  | 188187   | 48.116  | ng    | 99       |
| 35) Caprolactam               | 8.604  | 113  | 45277    | 25.831  | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 8.710  | 107  | 315822   | 52.206  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 8.863  | 142  | 640460   | 50.527  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.963  | 142  | 594366   | 47.971  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 9.028  | 216  | 296515   | 50.206  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.010  | 237  | 347905   | 192.116 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.140  | 196  | 209071   | 52.512  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100324\  
 Data File : BF139635.D  
 Acq On : 03 Oct 2024 17:01  
 Operator : RC/JU  
 Sample : P4214-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

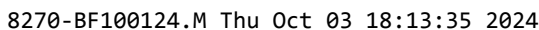
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-WC-1MSD

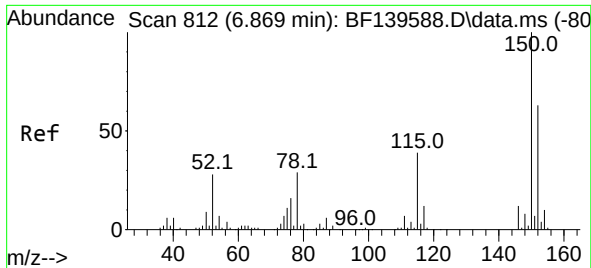
Quant Time: Oct 03 17:57:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 02 04:58:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.192  | 196  | 220635   | 51.387  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.328  | 154  | 803577   | 50.799  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.351  | 162  | 600713   | 50.655  | ng    | 99       |
| 48) 2-Nitroaniline            | 9.451  | 65   | 230114   | 54.055  | ng    | 99       |
| 49) Acenaphthylene            | 9.769  | 152  | 984136   | 54.569  | ng    | 100      |
| 50) Dimethylphthalate         | 9.634  | 163  | 744170   | 53.451  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 161716   | 51.419  | ng    | 98       |
| 52) Acenaphthene              | 9.940  | 154  | 617157   | 49.848  | ng    | 99       |
| 53) 3-Nitroaniline            | 9.863  | 138  | 109810   | 34.167  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 9.975  | 184  | 209804   | 124.027 | ng    | 99       |
| 55) Dibenzofuran              | 10.110 | 168  | 900035   | 51.920  | ng    | 99       |
| 56) 4-Nitrophenol             | 10.034 | 139  | 246209   | 100.456 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 218260   | 53.093  | ng    | 96       |
| 58) Fluorene                  | 10.457 | 166  | 705912   | 51.128  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 190573   | 54.954  | ng    | 99       |
| 60) Diethylphthalate          | 10.328 | 149  | 752876   | 52.354  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 344267   | 49.840  | ng    | 99       |
| 62) 4-Nitroaniline            | 10.481 | 138  | 164871   | 50.151  | ng    | 98       |
| 63) Azobenzene                | 10.604 | 77   | 757550   | 52.383  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.510 | 198  | 131002   | 58.817  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 629405   | 54.146  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.934 | 248  | 207734   | 51.376  | ng    | 96       |
| 68) Hexachlorobenzene         | 10.998 | 284  | 232641   | 51.851  | ng    | 99       |
| 69) Atrazine                  | 11.092 | 200  | 197238   | 63.241  | ng    | 99       |
| 70) Pentachlorophenol         | 11.198 | 266  | 286821   | 107.358 | ng    | 98       |
| 71) Phenanthrene              | 11.416 | 178  | 999176   | 53.735  | ng    | 100      |
| 72) Anthracene                | 11.469 | 178  | 1019896  | 55.443  | ng    | 100      |
| 73) Carbazole                 | 11.622 | 167  | 918898   | 52.009  | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.951 | 149  | 1142165  | 53.161  | ng    | 99       |
| 75) Fluoranthene              | 12.604 | 202  | 1032042  | 50.773  | ng    | 100      |
| 77) Benzidine                 | 12.728 | 184  | 132369   | 34.971  | ng    | 99       |
| 78) Pyrene                    | 12.833 | 202  | 1039922  | 54.183  | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.445 | 149  | 399328   | 58.168  | ng    | 98       |
| 81) Benzo(a)anthracene        | 14.022 | 228  | 762431   | 54.040  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.980 | 252  | 187267   | 43.371  | ng    | 99       |
| 83) Chrysene                  | 14.057 | 228  | 700472   | 54.305  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149  | 525215   | 61.268  | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.616 | 149  | 784327   | 62.278  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.980 | 276  | 778912   | 62.096  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.069 | 252  | 696381   | 50.536  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 609678   | 52.158  | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 626781   | 57.686  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 16.998 | 278  | 640835   | 61.596  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 605208   | 58.003  | ng    | 99       |

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

Quant Time: Oct 03 17:57:27 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF100124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 02 04:58:47 2024  
Response via : Initial Calibration

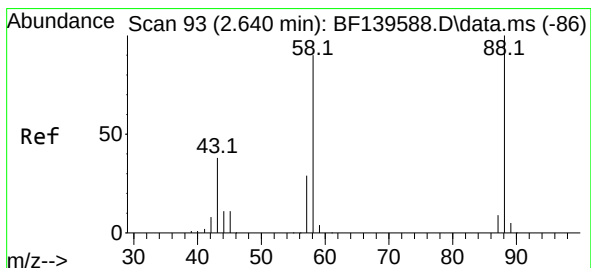
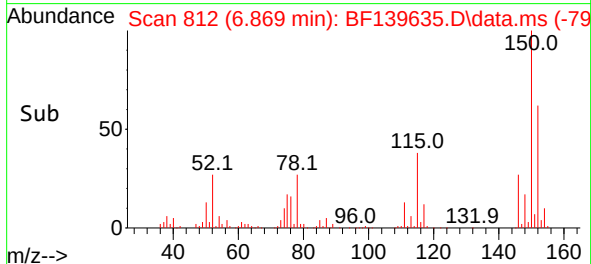
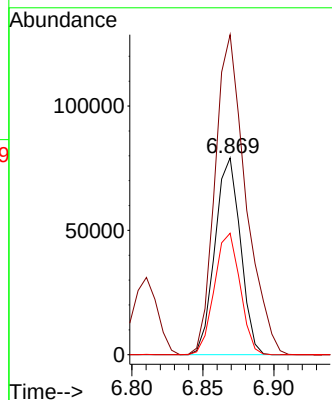
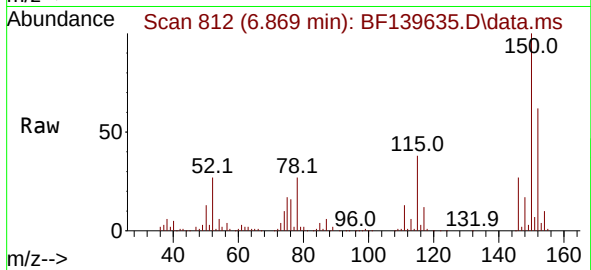




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.869 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF139635.D  
 Acq: 03 Oct 2024 17:01

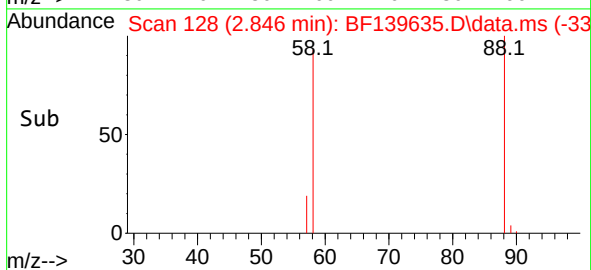
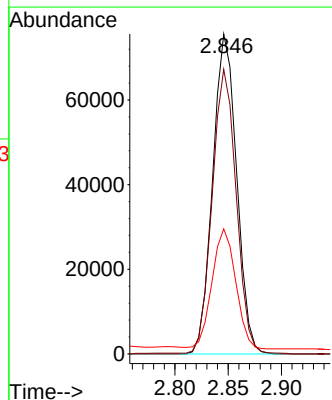
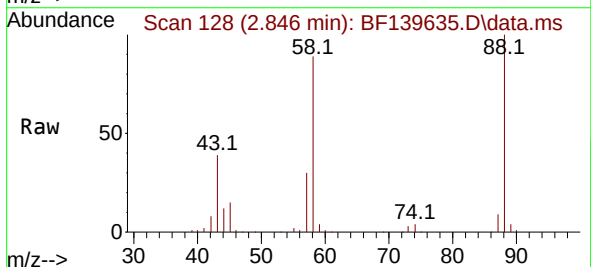
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-WC-1MSD

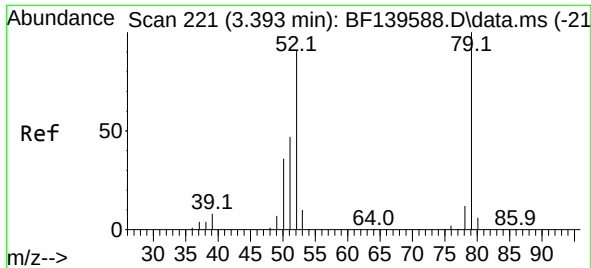
Tgt Ion:152 Resp: 98769  
 Ion Ratio Lower Upper  
 152 100  
 150 162.6 127.2 190.8  
 115 61.7 49.0 73.4



#2  
 1,4-Dioxane  
 Concen: 47.906 ng  
 RT: 2.846 min Scan# 128  
 Delta R.T. 0.206 min  
 Lab File: BF139635.D  
 Acq: 03 Oct 2024 17:01

Tgt Ion: 88 Resp: 118025  
 Ion Ratio Lower Upper  
 88 100  
 58 89.4 72.0 108.0  
 43 0.0 30.8 46.2#

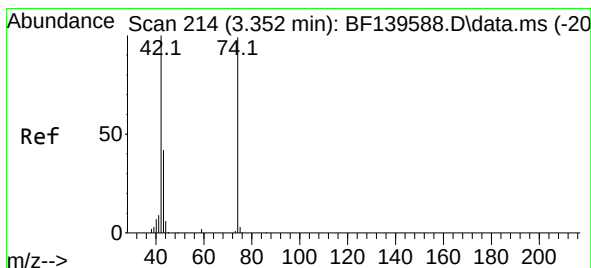
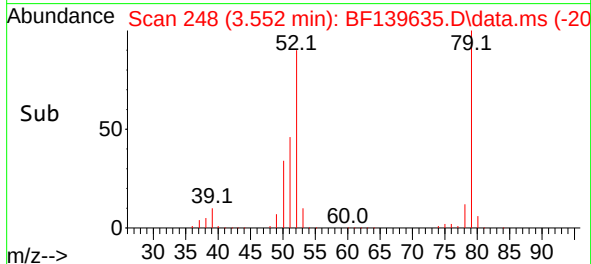
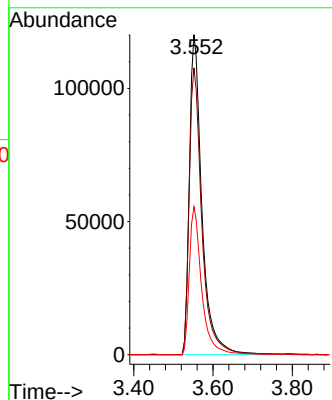
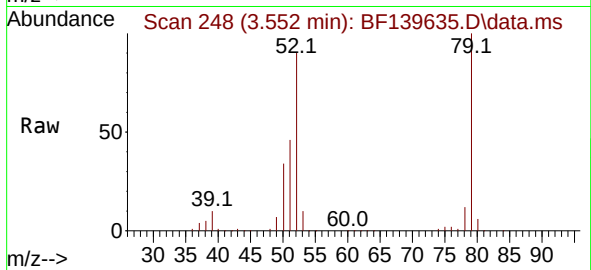




#3  
Pyridine  
Concen: 44.235 ng  
RT: 3.552 min Scan# 24  
Delta R.T. 0.159 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

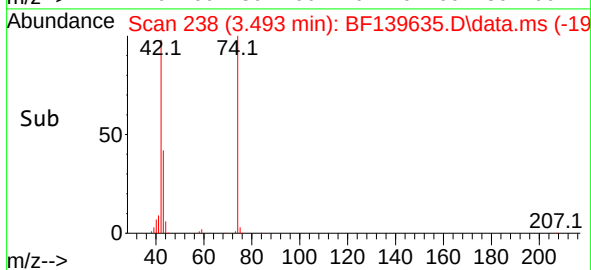
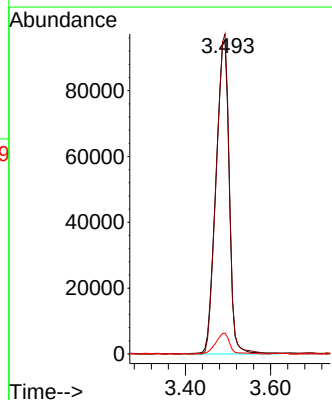
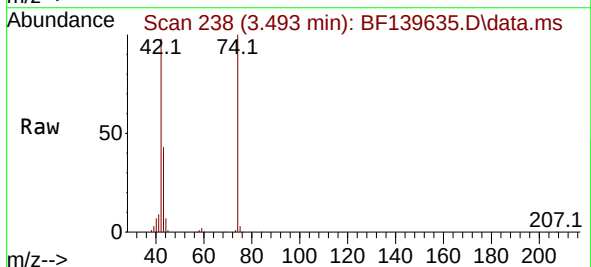
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

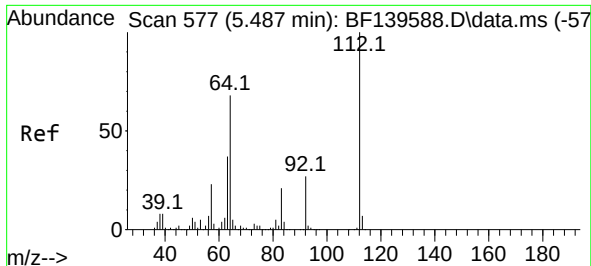
Tgt Ion: 79 Resp: 265053  
Ion Ratio Lower Upper  
79 100  
52 89.7 72.6 109.0  
51 46.2 37.5 56.3



#4  
n-Nitrosodimethylamine  
Concen: 52.855 ng  
RT: 3.493 min Scan# 238  
Delta R.T. 0.141 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion: 42 Resp: 207301  
Ion Ratio Lower Upper  
42 100  
74 101.9 79.0 118.6  
44 6.6 5.2 7.8

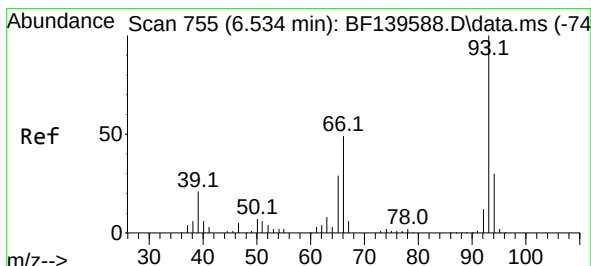
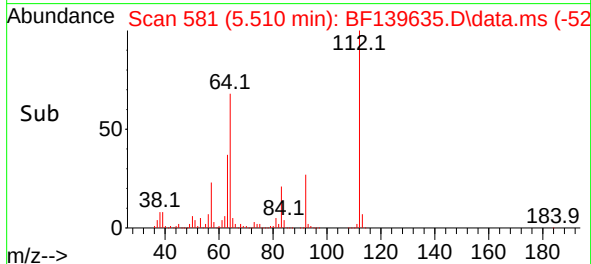
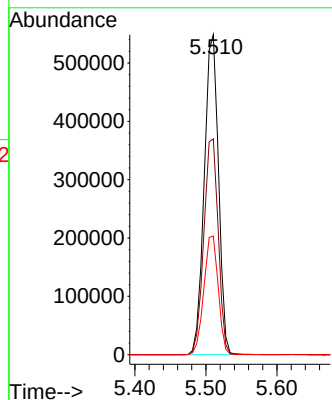
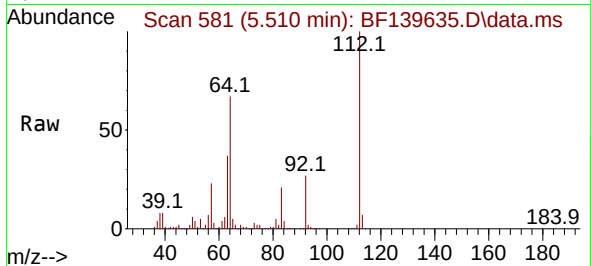




#5  
2-Fluorophenol  
Concen: 134.599 ng  
RT: 5.510 min Scan# 51  
Delta R.T. 0.023 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

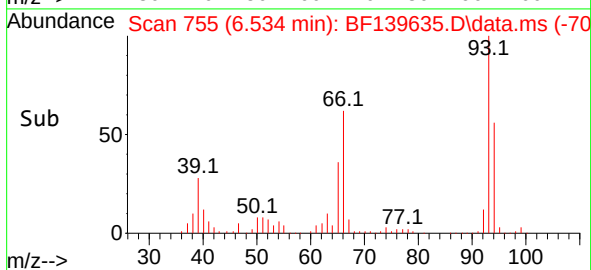
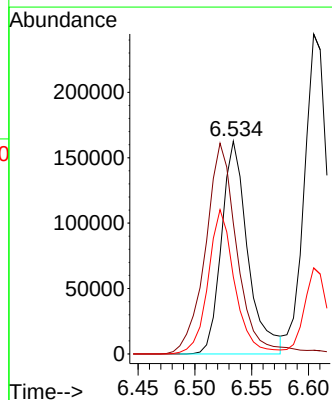
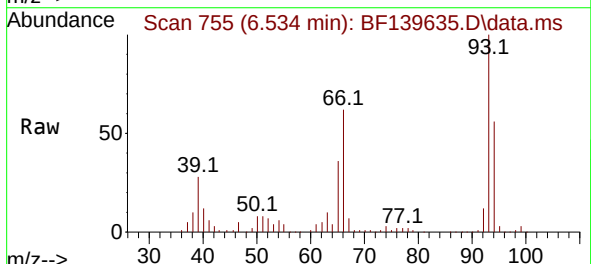
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

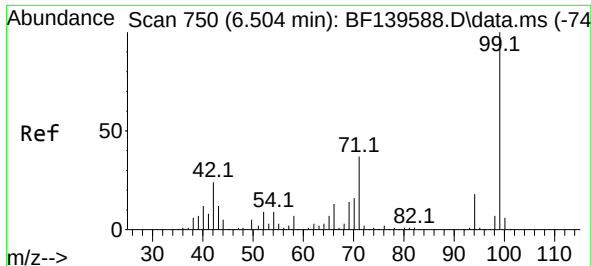
Tgt Ion:112 Resp: 767010  
Ion Ratio Lower Upper  
112 100  
64 67.5 54.2 81.4  
63 37.1 29.4 44.2



#6  
Aniline  
Concen: 38.524 ng  
RT: 6.534 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion: 93 Resp: 261970  
Ion Ratio Lower Upper  
93 100  
66 61.5 40.9 61.3#  
65 36.2 23.3 34.9#

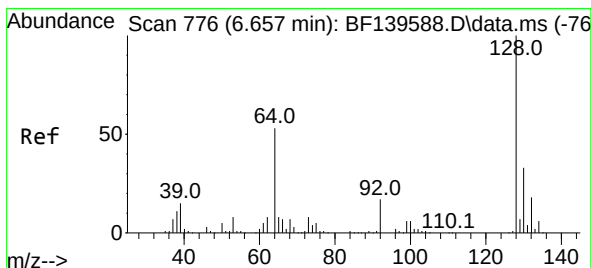
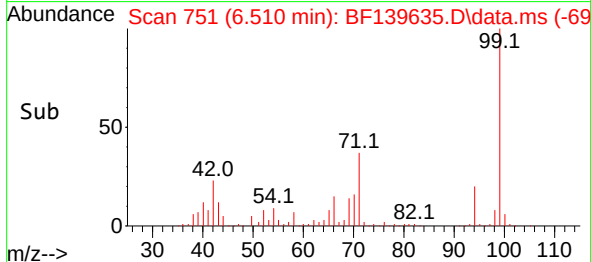
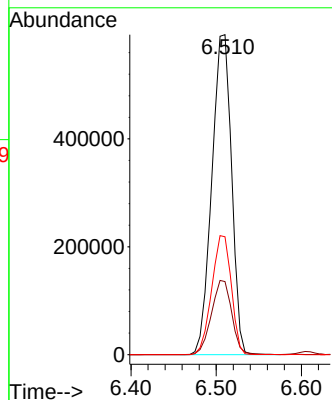
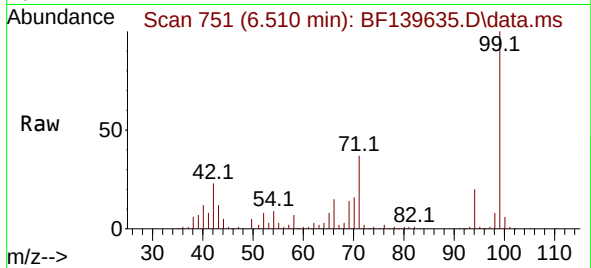




#7  
Phenol-d6  
Concen: 124.476 ng  
RT: 6.510 min Scan# 751  
Delta R.T. 0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

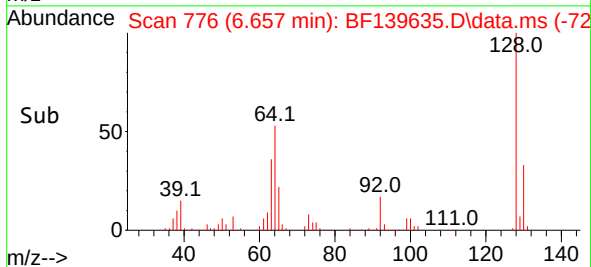
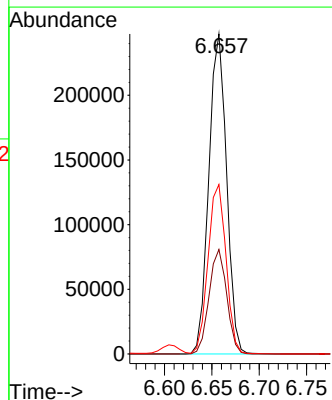
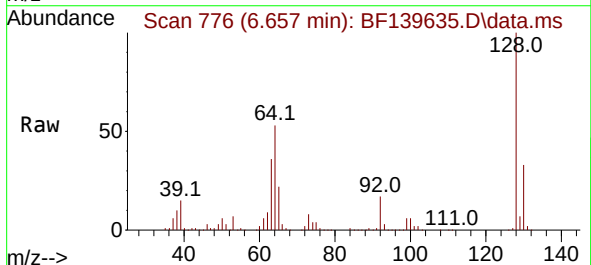
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

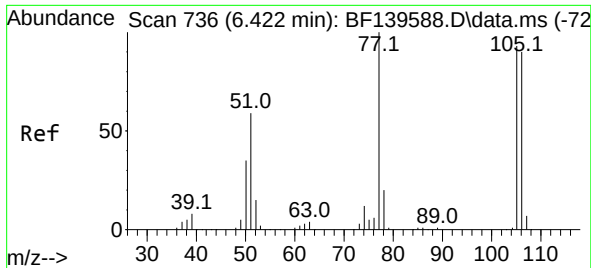
Tgt Ion: 99 Resp: 953891  
Ion Ratio Lower Upper  
99 100  
42 22.9 19.1 28.7  
71 36.9 29.7 44.5



#8  
2-Chlorophenol  
Concen: 52.900 ng  
RT: 6.657 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion: 128 Resp: 322970  
Ion Ratio Lower Upper  
128 100  
130 32.6 13.2 53.2  
64 52.9 35.1 75.1





#9

Benzaldehyde

Concen: 6.052 ng

RT: 6.422 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

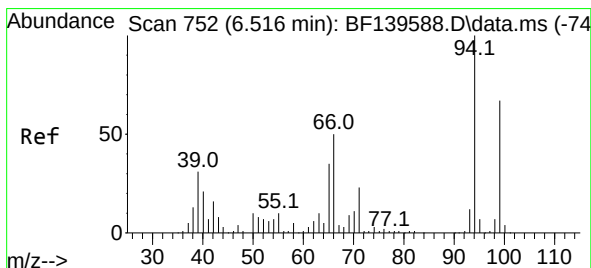
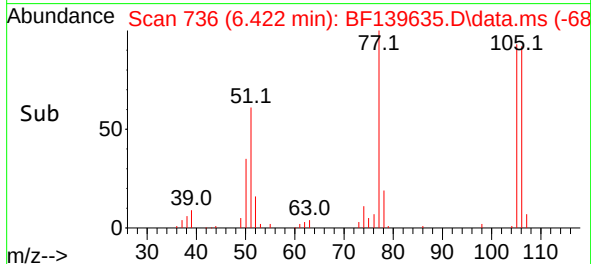
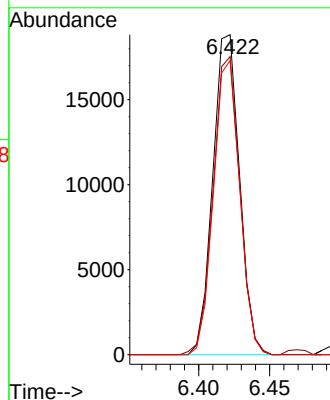
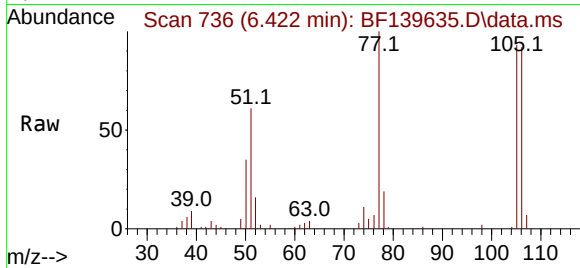
Tgt Ion: 77 Resp: 24568

Ion Ratio Lower Upper

77 100

105 93.2 72.7 112.7

106 91.9 70.1 110.1



#10

Phenol

Concen: 45.758 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

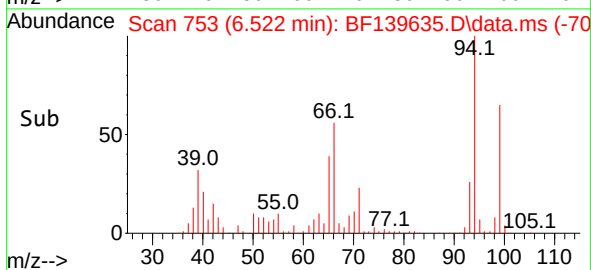
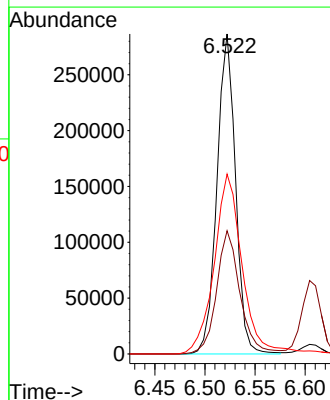
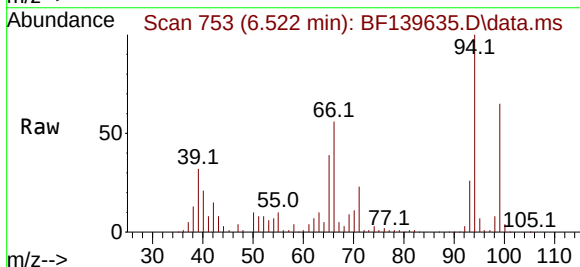
Tgt Ion: 94 Resp: 368712

Ion Ratio Lower Upper

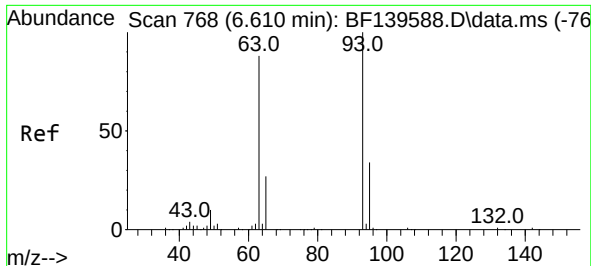
94 100

65 38.5 15.3 55.3

66 56.2 30.5 70.5



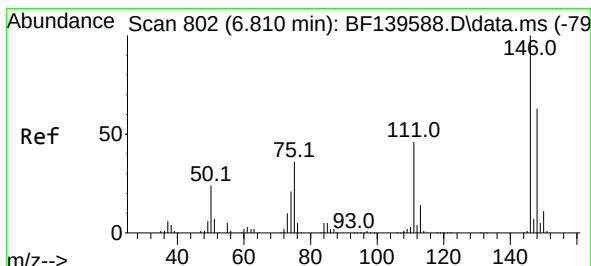
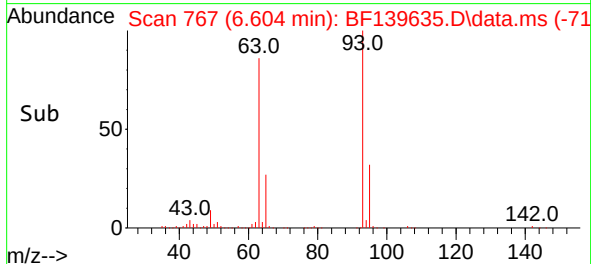
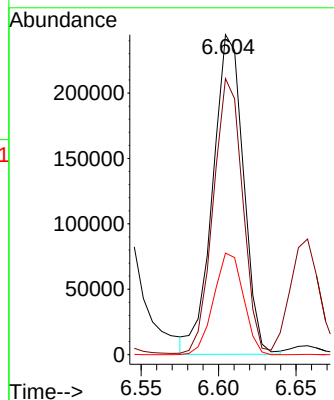
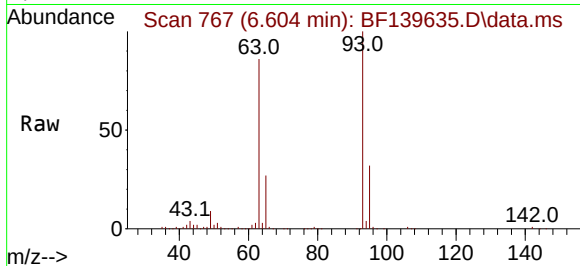




#11  
bis(2-Chloroethyl)ether  
Concen: 51.261 ng  
RT: 6.604 min Scan# 768  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

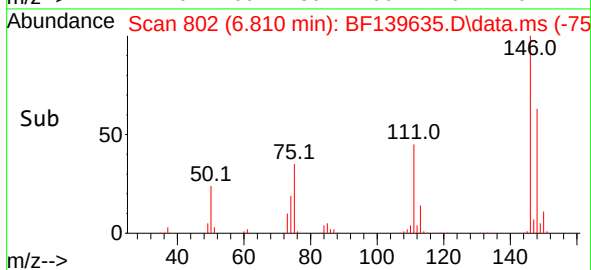
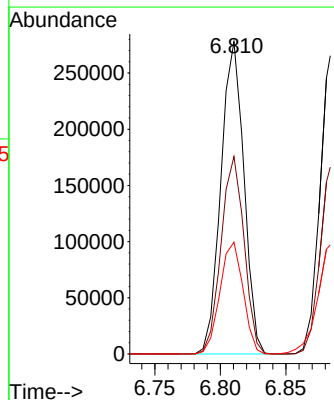
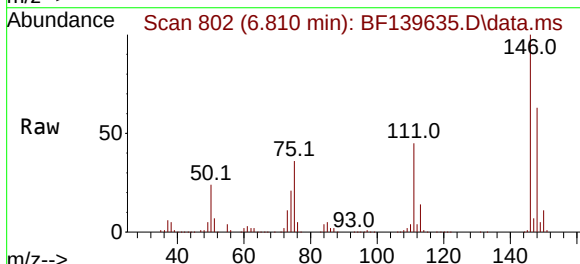
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

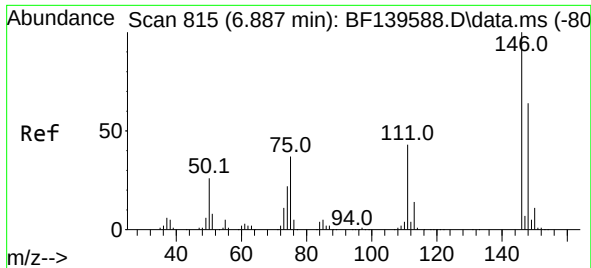
Tgt Ion: 93 Resp: 336315  
Ion Ratio Lower Upper  
93 100  
63 86.3 64.1 104.1  
95 31.7 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 49.341 ng  
RT: 6.810 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:146 Resp: 338886  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.2 75.4  
75 35.8 28.5 42.7

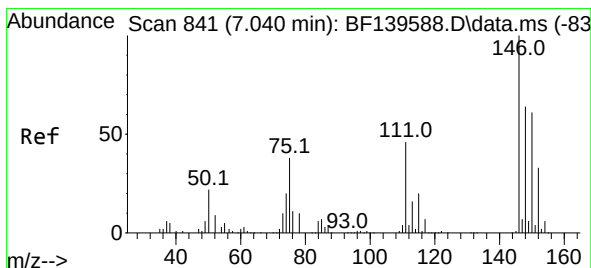
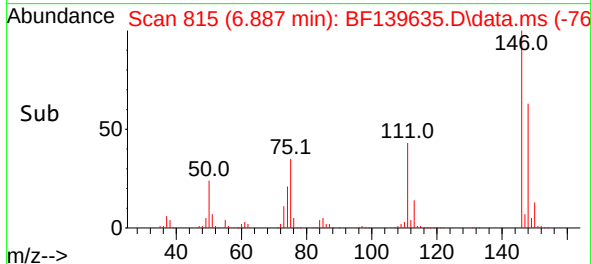
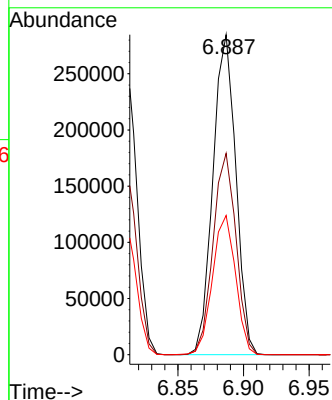
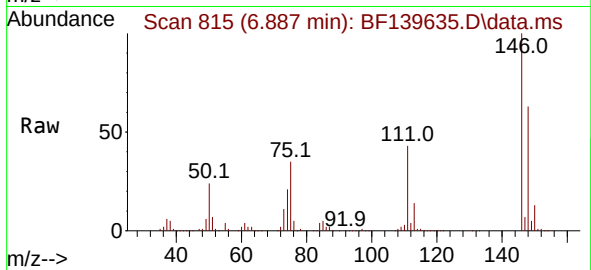




#13  
1,4-Dichlorobenzene  
Concen: 49.811 ng  
RT: 6.887 min Scan# 815  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

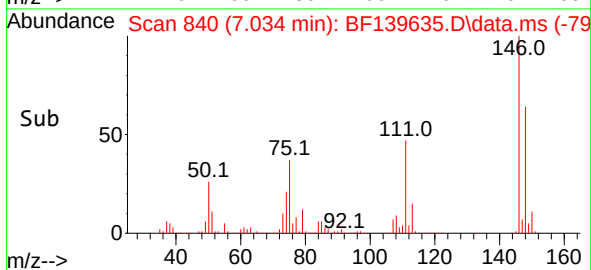
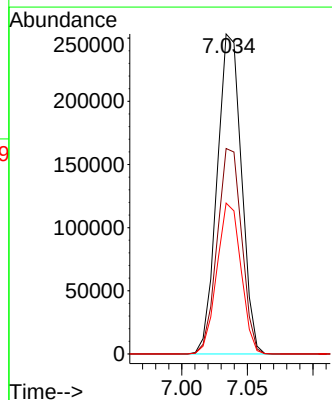
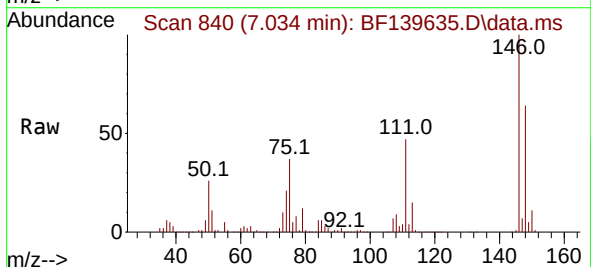
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

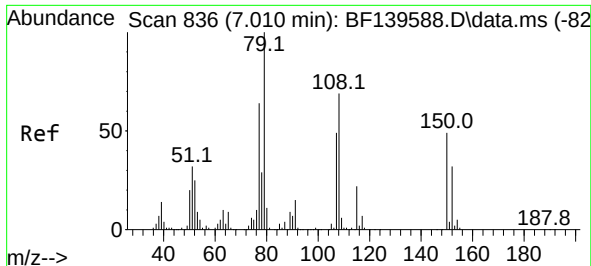
Tgt Ion:146 Resp: 346495  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.0 76.6  
111 43.5 34.9 52.3



#14  
1,2-Dichlorobenzene  
Concen: 50.109 ng  
RT: 7.034 min Scan# 840  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:146 Resp: 326685  
Ion Ratio Lower Upper  
146 100  
148 64.2 51.2 76.8  
111 47.1 37.0 55.6

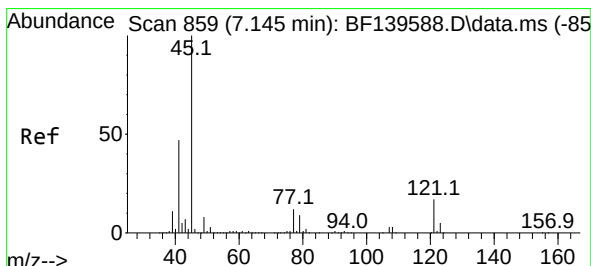
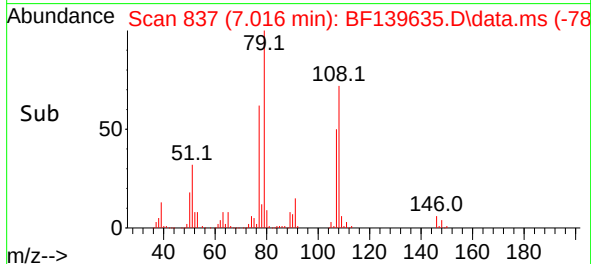
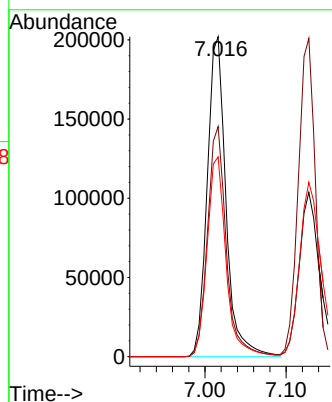
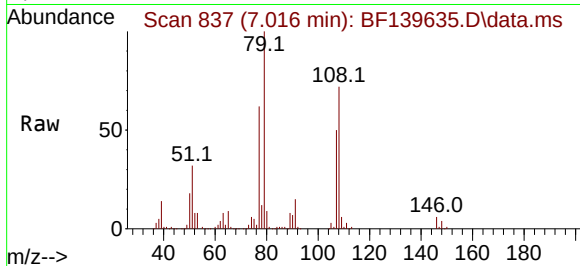




#15  
Benzyl Alcohol  
Concen: 55.306 ng  
RT: 7.016 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

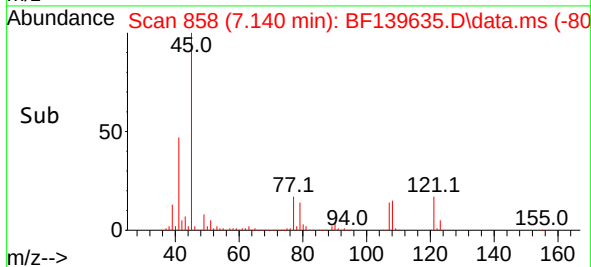
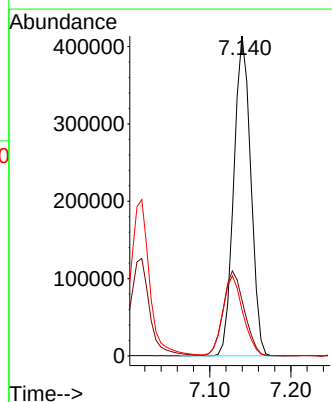
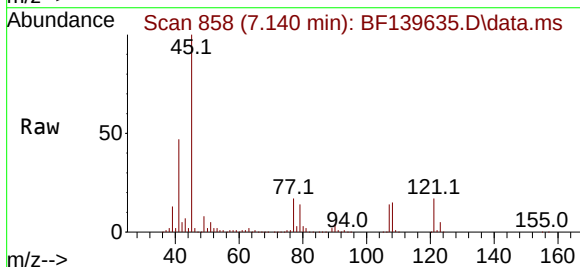
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

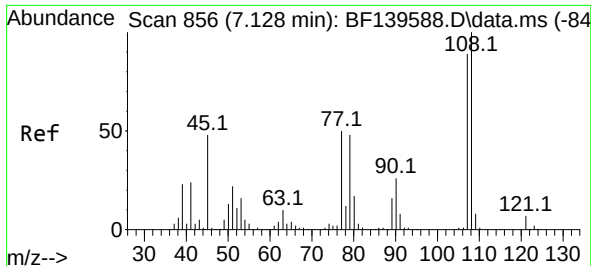
Tgt Ion: 79 Resp: 323830  
Ion Ratio Lower Upper  
79 100  
108 71.9 55.1 82.7  
77 62.4 50.8 76.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 52.655 ng  
RT: 7.140 min Scan# 858  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion: 45 Resp: 598051  
Ion Ratio Lower Upper  
45 100  
77 17.5 0.0 32.5  
79 14.5 0.0 29.7

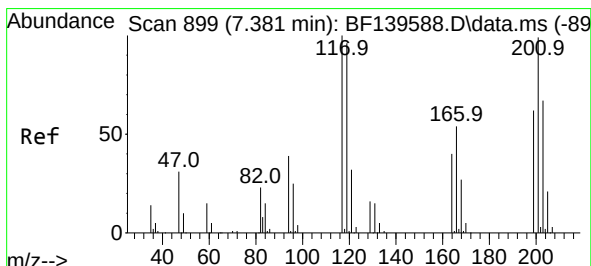
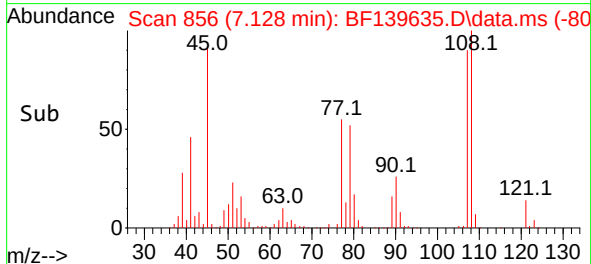
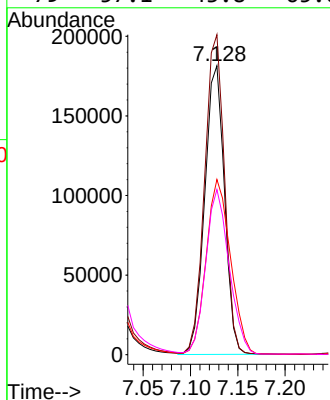
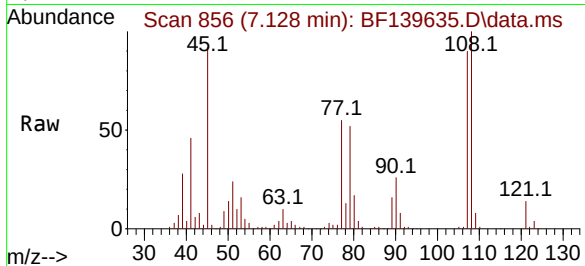




#17  
2-Methylphenol  
Concen: 51.434 ng  
RT: 7.128 min Scan# 856  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

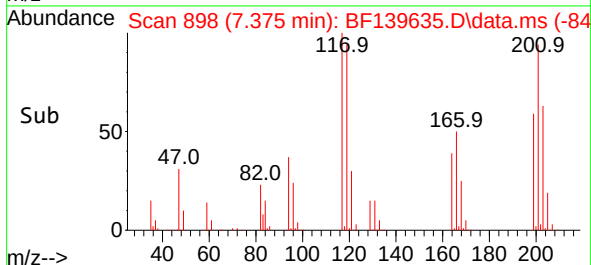
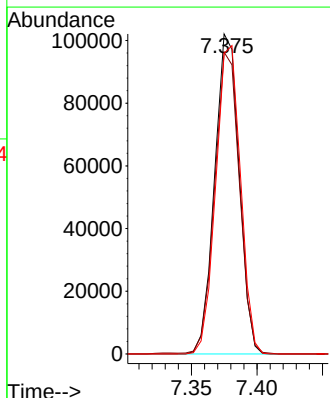
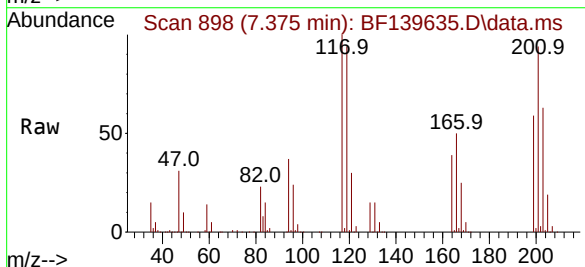
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

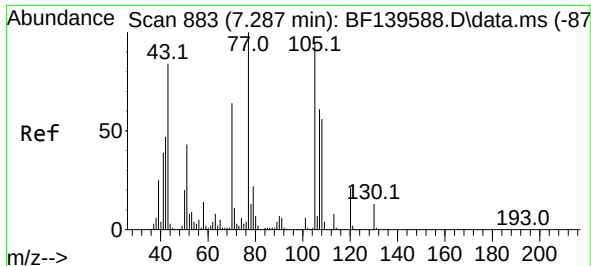
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 262154 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.8 | 89.8  | 134.6  |
| 77       | 60.6  | 44.6  | 67.0   |
| 79       | 57.1  | 43.8  | 65.6   |



#18  
Hexachloroethane  
Concen: 50.993 ng  
RT: 7.375 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 132307 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.3  | 77.0  | 115.6  |
| 201      | 93.9  | 79.2  | 118.8  |





#19

n-Nitroso-di-n-propylamine

Concen: 51.274 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139635.D

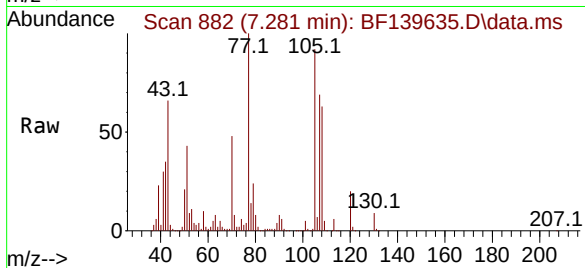
Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD



Tgt Ion: 70 Resp: 252617

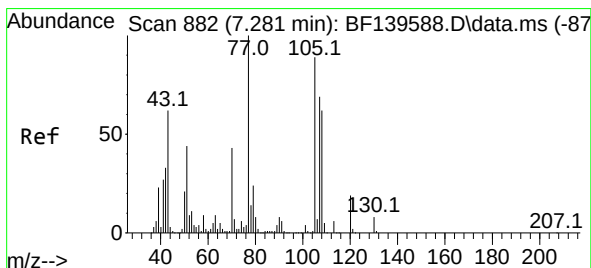
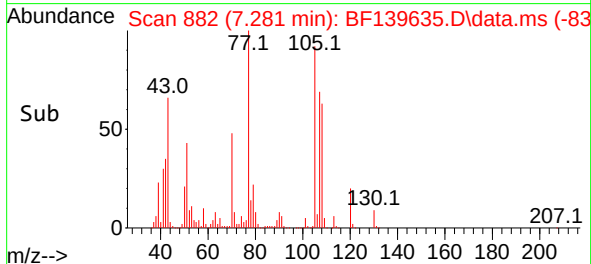
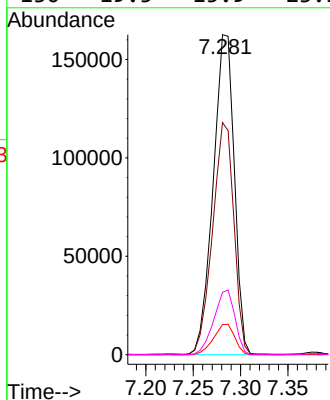
Ion Ratio Lower Upper

70 100

42 72.5 58.0 87.0

101 9.4 7.8 11.8

130 19.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 49.838 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Tgt Ion:107 Resp: 319057

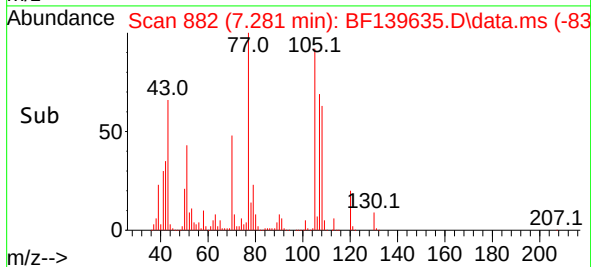
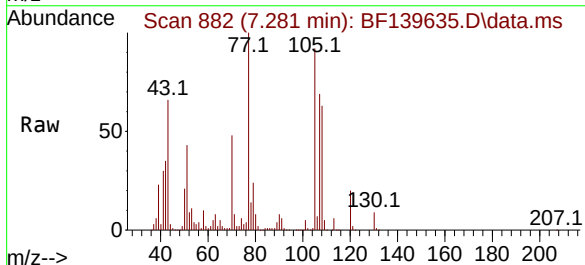
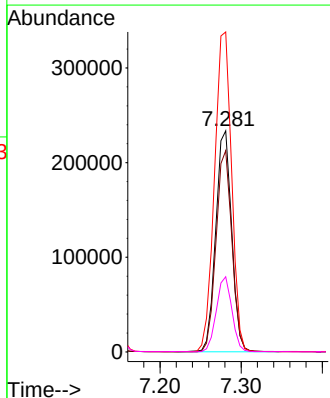
Ion Ratio Lower Upper

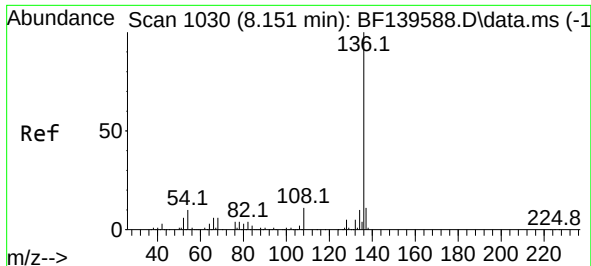
107 100

108 91.0 70.2 110.2

77 144.7 125.3 165.3

79 34.0 14.3 54.3



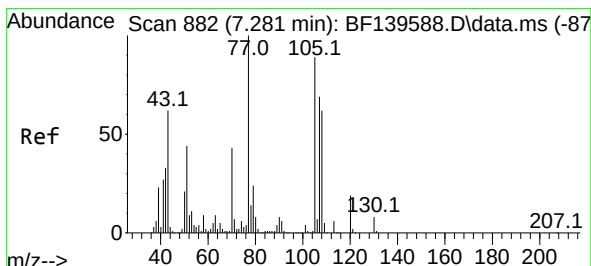
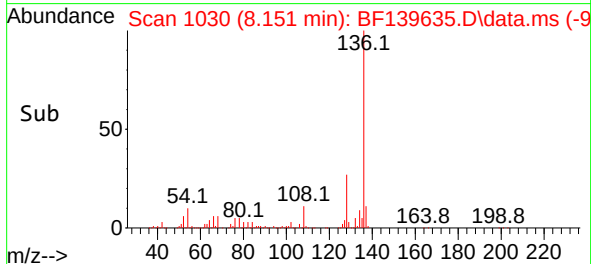
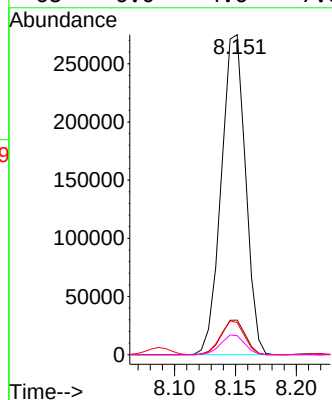
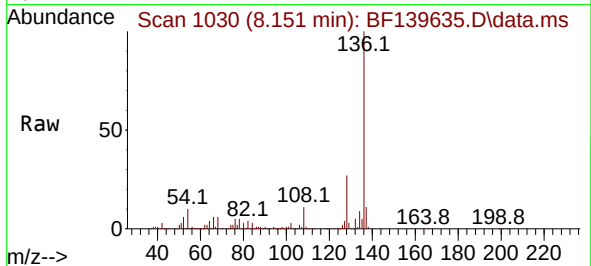


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

Tgt Ion:136 Resp: 380650

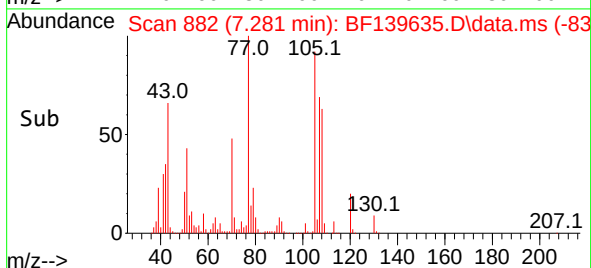
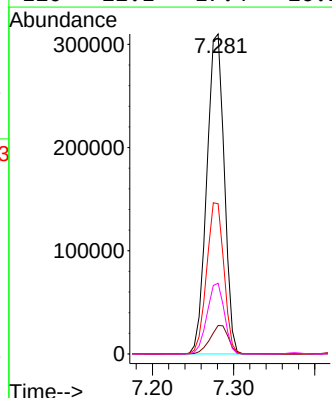
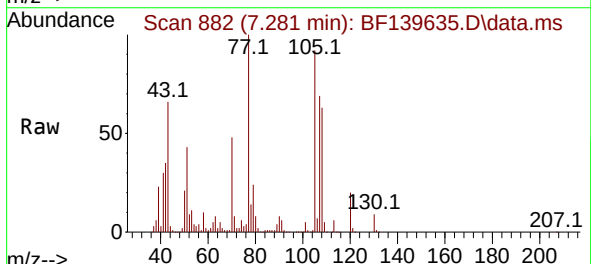
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 13.0  |
| 54  | 10.1  | 8.3   | 12.5  |
| 68  | 6.0   | 4.6   | 7.0   |

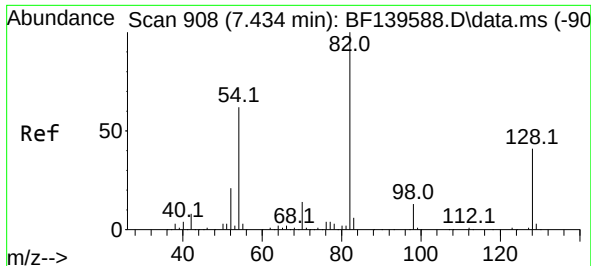


#22  
Acetophenone  
Concen: 51.080 ng  
RT: 7.281 min Scan# 882  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:105 Resp: 461535

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 8.9   | 6.6   | 10.0  |
| 51  | 46.9  | 39.4  | 59.0  |
| 120 | 22.1  | 17.4  | 26.2  |

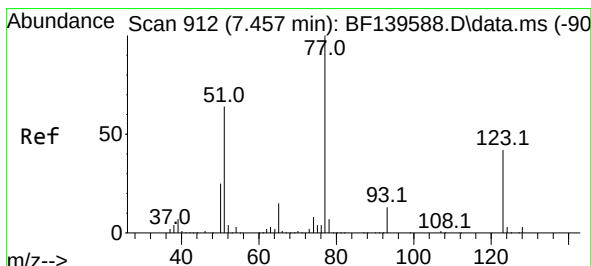
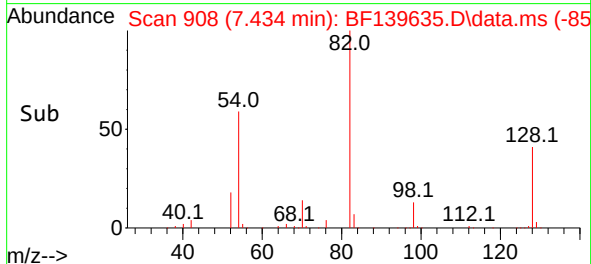
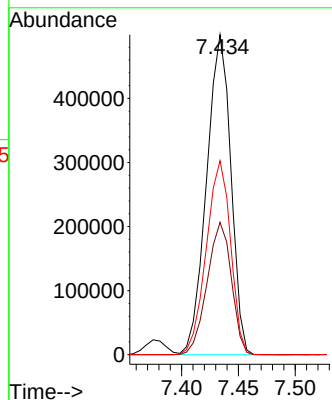
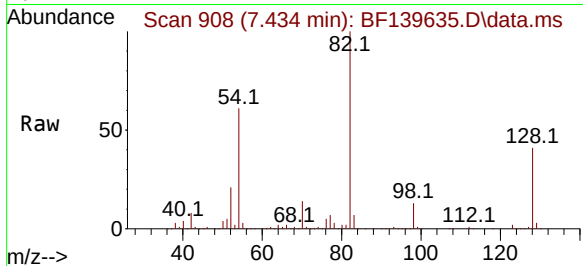




#23  
Nitrobenzene-d5  
Concen: 98.818 ng  
RT: 7.434 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

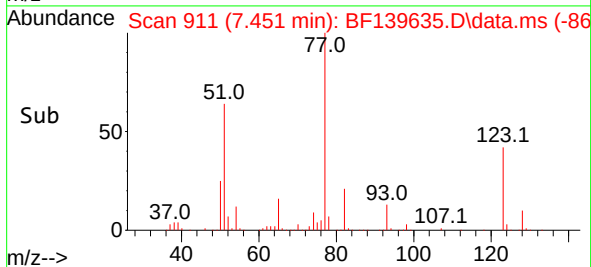
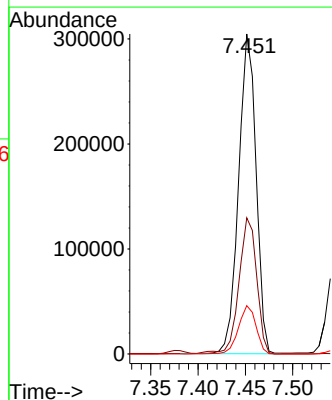
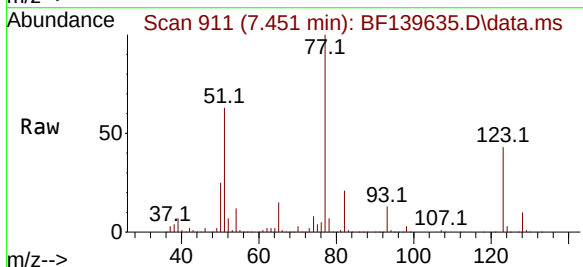
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

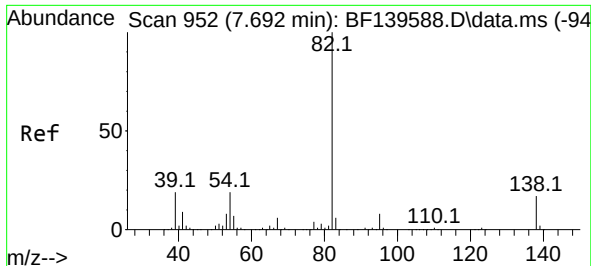
Tgt Ion: 82 Resp: 742939  
Ion Ratio Lower Upper  
82 100  
128 41.4 32.4 48.6  
54 60.6 49.1 73.7



#24  
Nitrobenzene  
Concen: 50.125 ng  
RT: 7.451 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion: 77 Resp: 390225  
Ion Ratio Lower Upper  
77 100  
123 42.6 34.2 51.4  
65 15.1 12.1 18.1

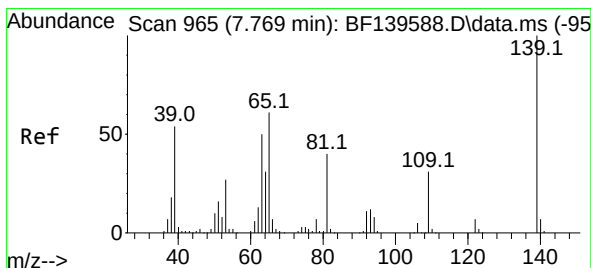
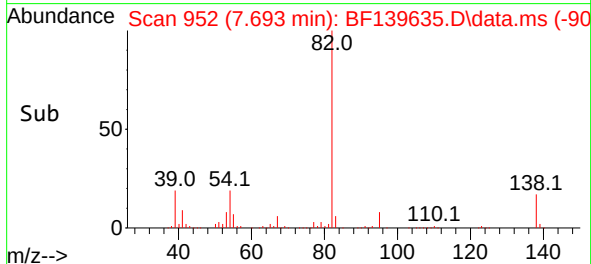
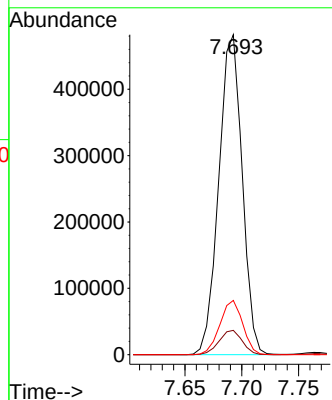
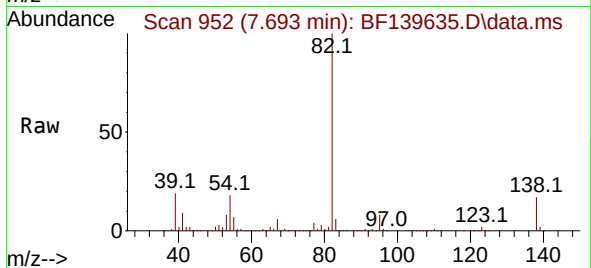




#25  
Isophorone  
Concen: 51.740 ng  
RT: 7.693 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

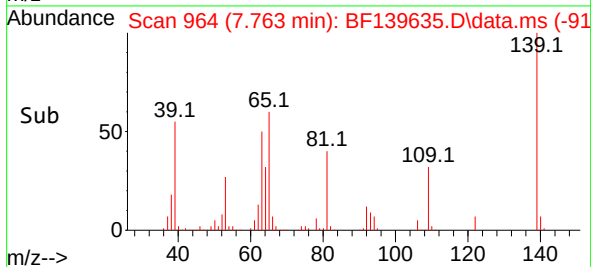
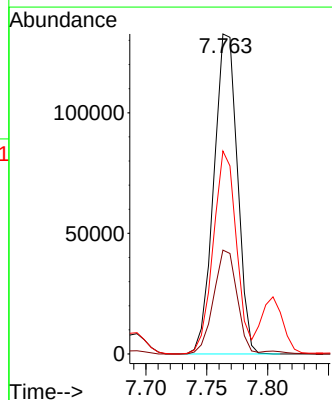
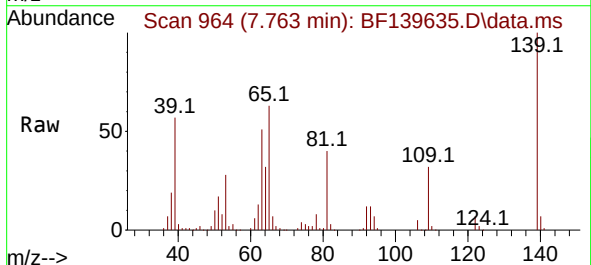
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

Tgt Ion: 82 Resp: 690904  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.1 9.1  
138 17.0 13.4 20.2

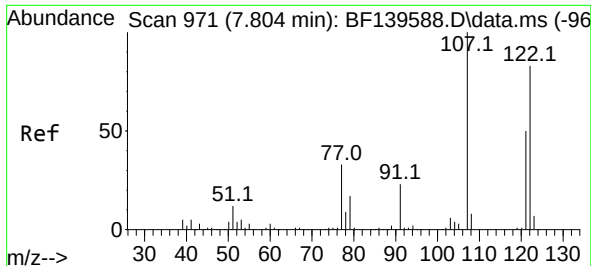


#26  
2-Nitrophenol  
Concen: 53.484 ng  
RT: 7.763 min Scan# 964  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:139 Resp: 179000  
Ion Ratio Lower Upper  
139 100  
109 32.5 24.9 37.3  
65 63.4 48.6 72.8







#27

2,4-Dimethylphenol

Concen: 65.813 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

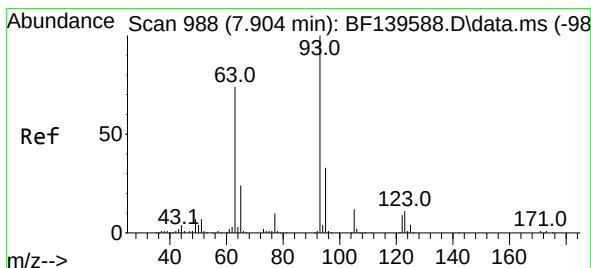
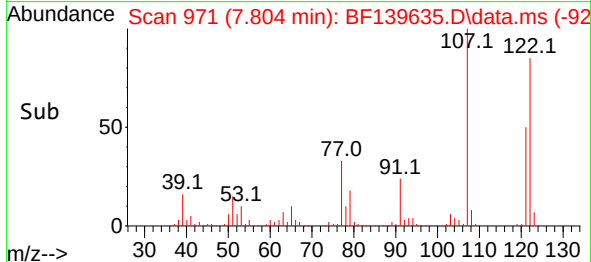
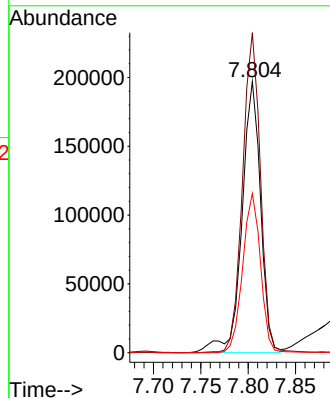
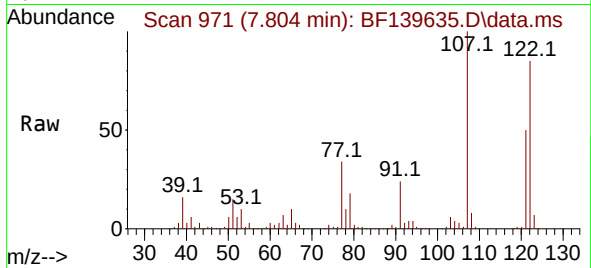
Tgt Ion:122 Resp: 269645

Ion Ratio Lower Upper

122 100

107 118.0 95.4 143.0

121 58.7 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 50.942 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

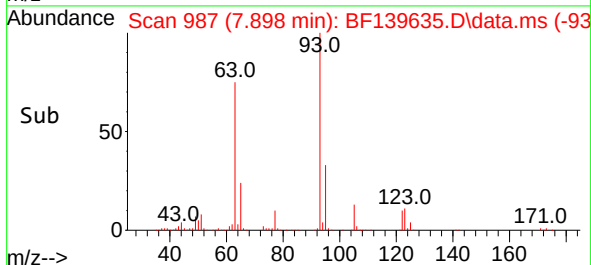
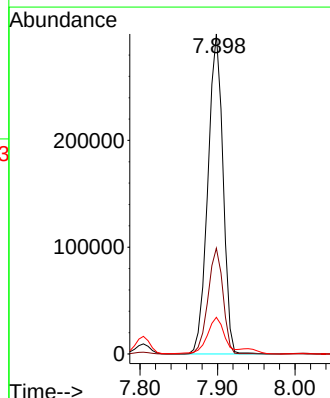
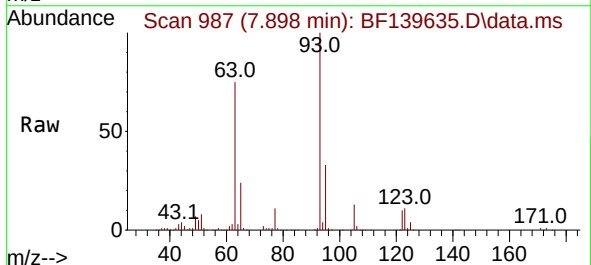
Tgt Ion: 93 Resp: 406197

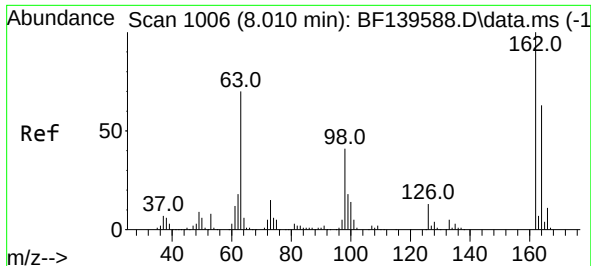
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.253 ng

RT: 8.010 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

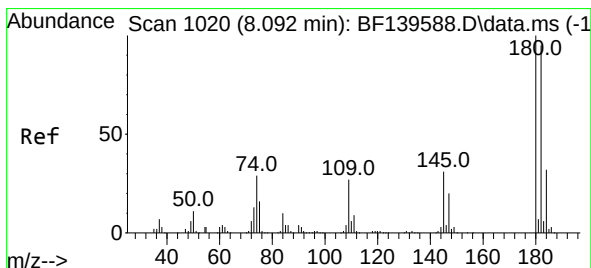
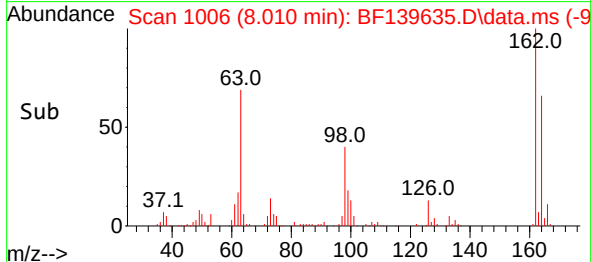
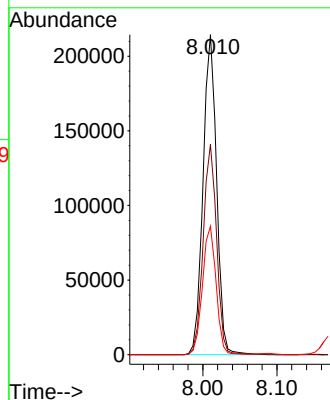
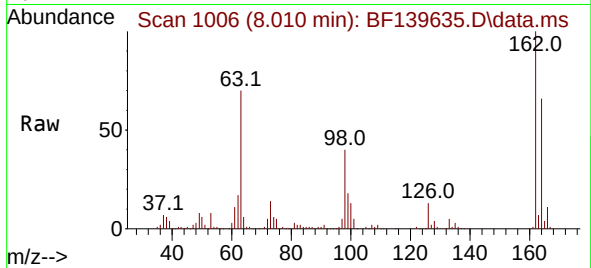
Tgt Ion:162 Resp: 273901

Ion Ratio Lower Upper

162 100

164 65.7 43.1 83.1

98 40.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 48.577 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

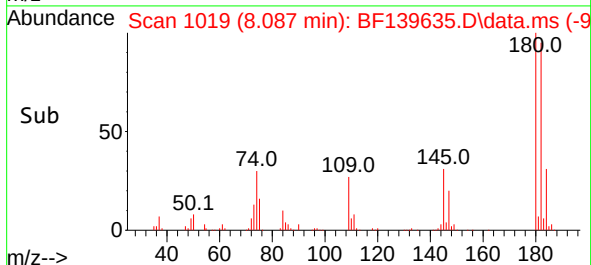
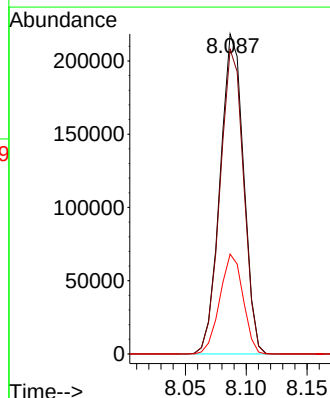
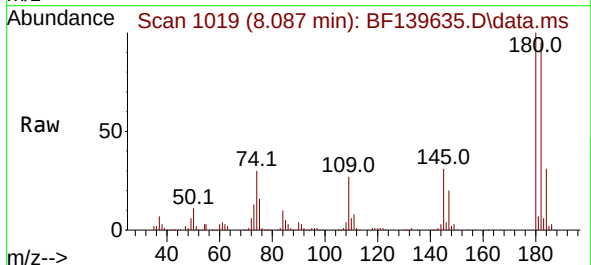
Tgt Ion:180 Resp: 293582

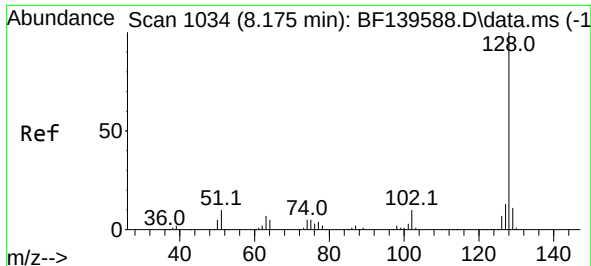
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 31.2 25.0 37.6

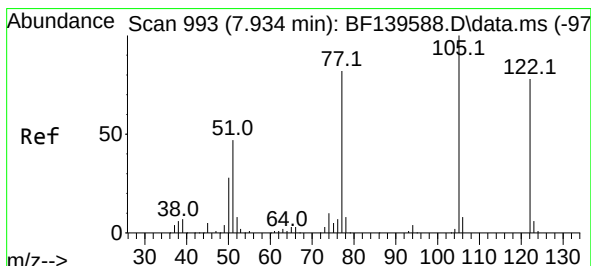
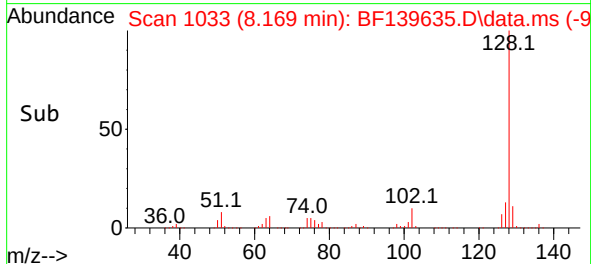
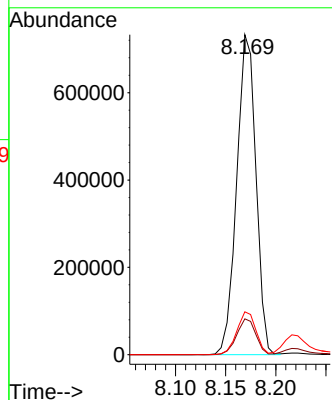
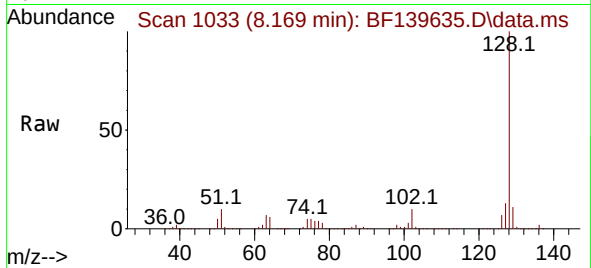




#31  
Naphthalene  
Concen: 50.365 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

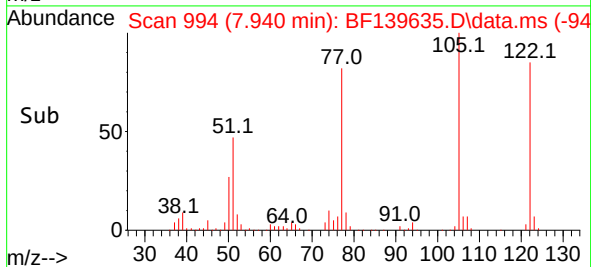
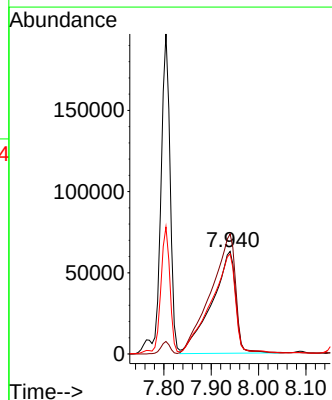
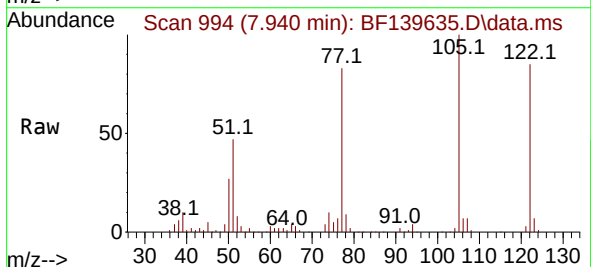
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

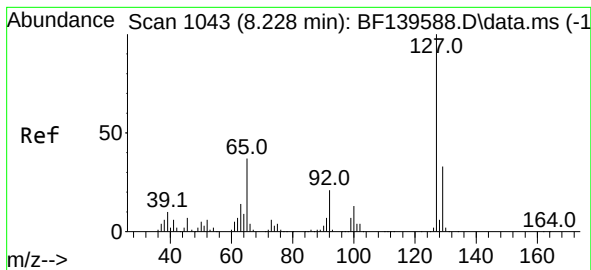
Tgt Ion:128 Resp: 980209  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.4 10.5 15.7



#32  
Benzoic acid  
Concen: 53.832 ng  
RT: 7.940 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:122 Resp: 219311  
Ion Ratio Lower Upper  
122 100  
105 117.0 104.9 144.9  
77 97.6 82.7 122.7





#33

4-Chloroaniline

Concen: 13.983 ng

RT: 8.216 min Scan# 1041

Delta R.T. -0.012 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

Tgt Ion:127 Resp: 92114

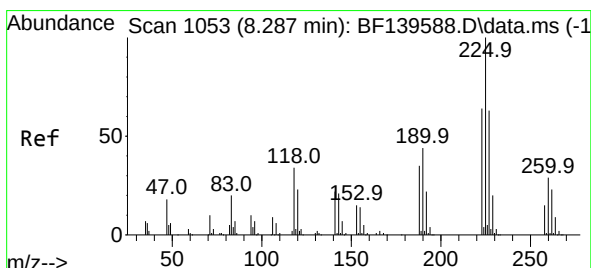
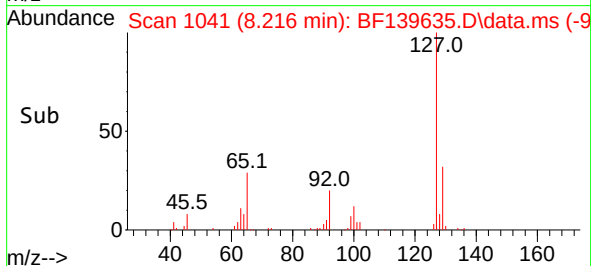
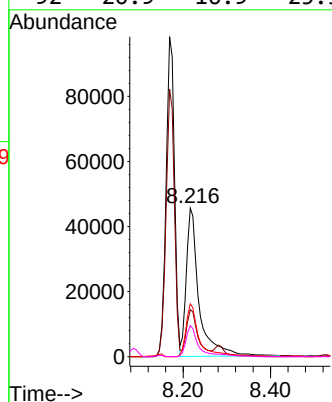
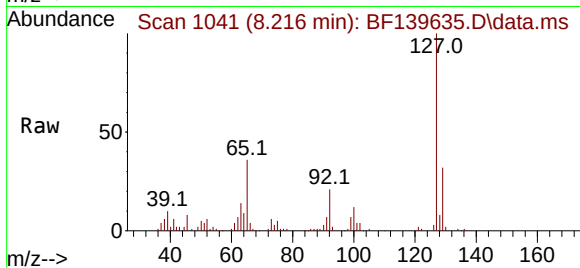
Ion Ratio Lower Upper

127 100

129 31.7 26.2 39.4

65 35.5 29.3 43.9

92 20.9 16.9 25.3



#34

Hexachlorobutadiene

Concen: 48.116 ng

RT: 8.287 min Scan# 1053

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

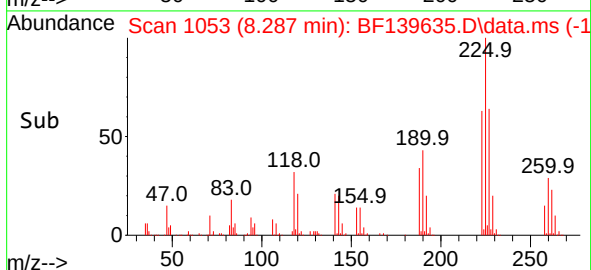
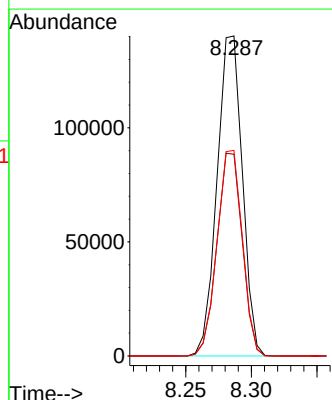
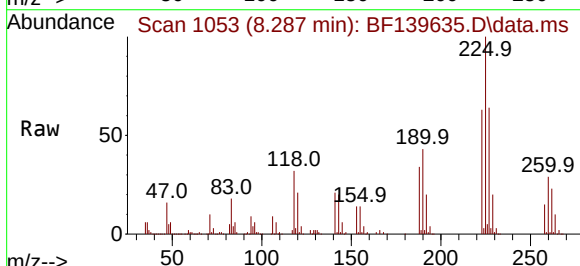
Tgt Ion:225 Resp: 188187

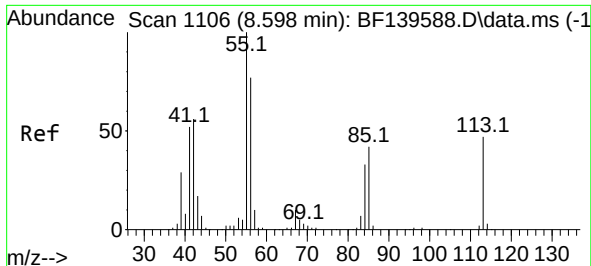
Ion Ratio Lower Upper

225 100

223 63.1 50.9 76.3

227 64.3 50.7 76.1

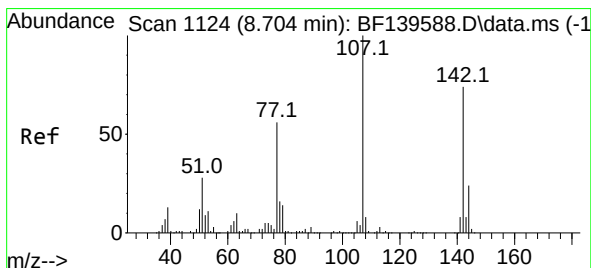
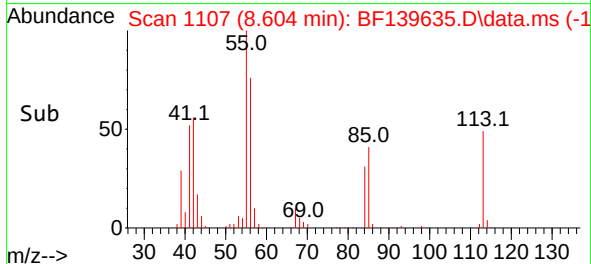
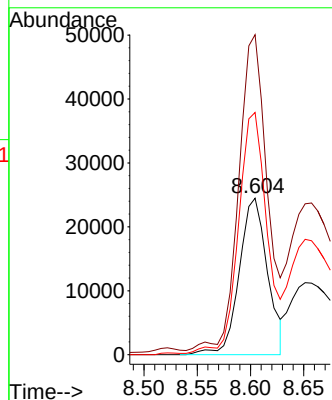
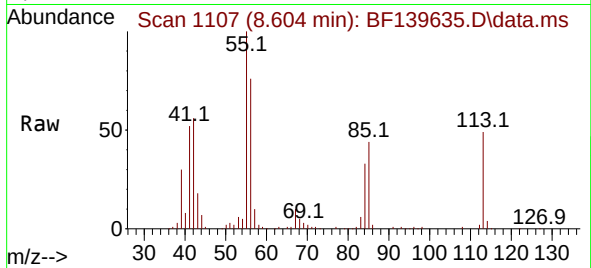




#35  
 Caprolactam  
 Concen: 25.831 ng  
 RT: 8.604 min Scan# 1106  
 Delta R.T. 0.006 min  
 Lab File: BF139635.D  
 Acq: 03 Oct 2024 17:01

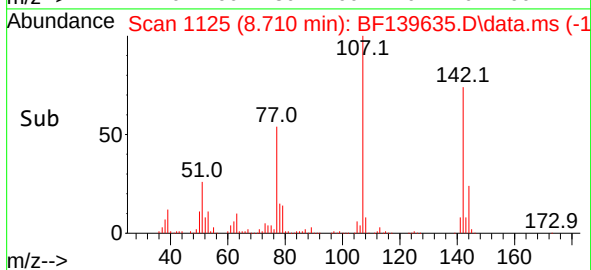
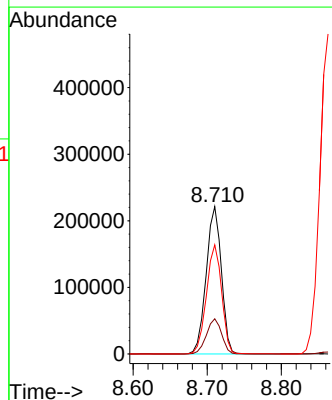
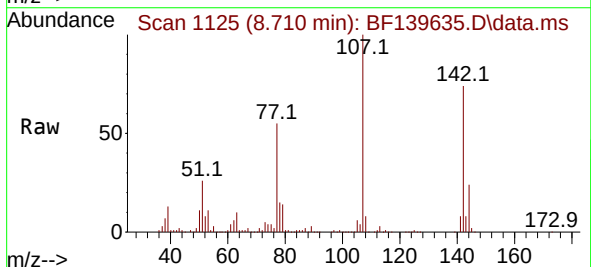
Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-WC-1MSD

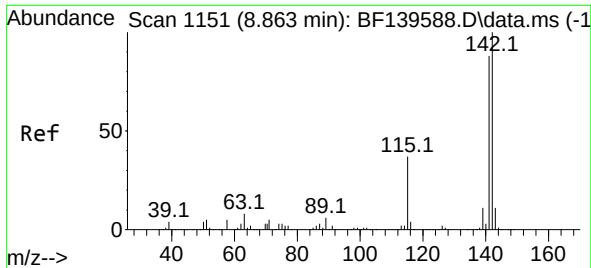
Tgt Ion:113 Resp: 45277  
 Ion Ratio Lower Upper  
 113 100  
 55 204.4 193.4 233.4  
 56 154.8 143.8 183.8



#36  
 4-Chloro-3-methylphenol  
 Concen: 52.206 ng  
 RT: 8.710 min Scan# 1125  
 Delta R.T. 0.006 min  
 Lab File: BF139635.D  
 Acq: 03 Oct 2024 17:01

Tgt Ion:107 Resp: 315822  
 Ion Ratio Lower Upper  
 107 100  
 144 23.8 19.0 28.6  
 142 74.1 59.2 88.8

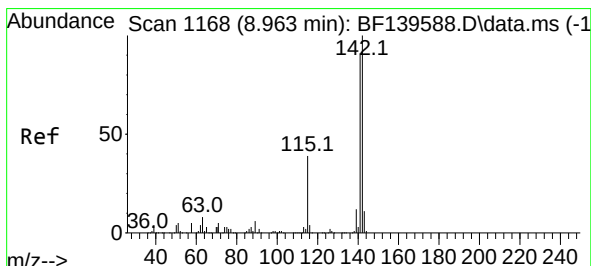
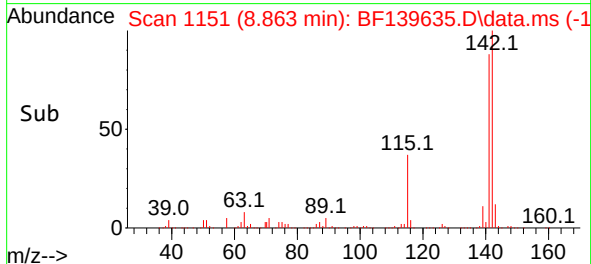
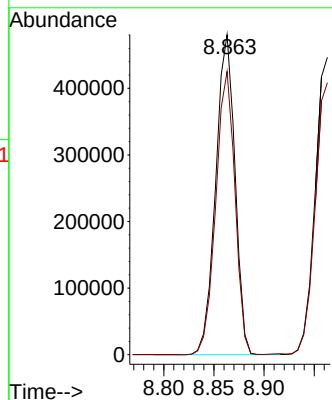
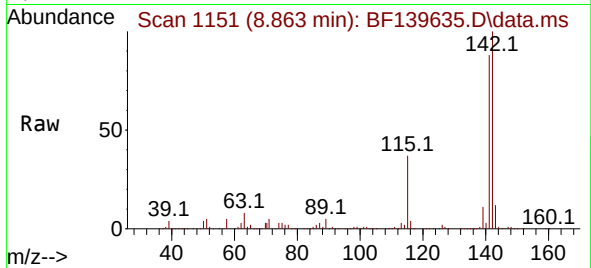




#37  
2-Methylnaphthalene  
Concen: 50.527 ng  
RT: 8.863 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

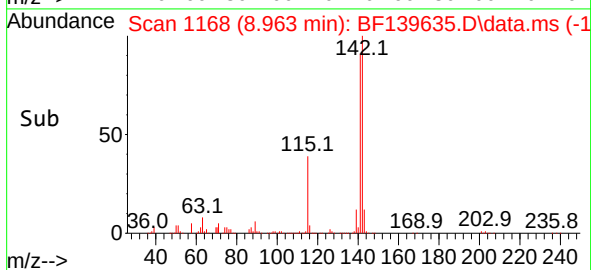
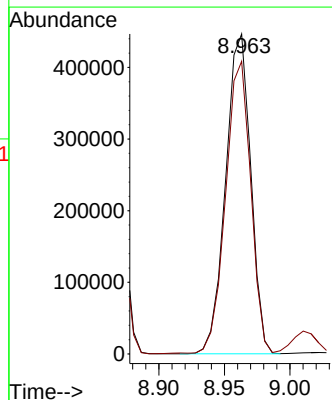
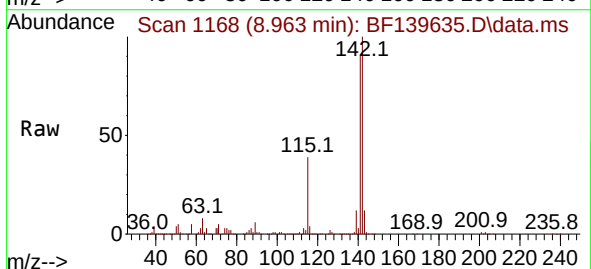
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

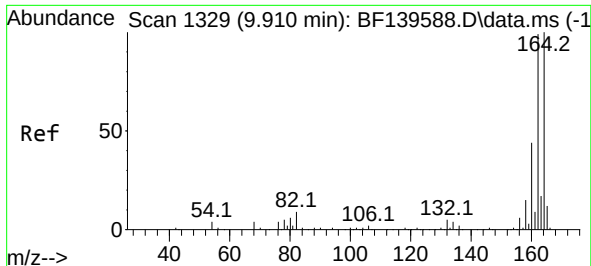
Tgt Ion:142 Resp: 640460  
Ion Ratio Lower Upper  
142 100  
141 88.5 70.4 105.6



#38  
1-Methylnaphthalene  
Concen: 47.971 ng  
RT: 8.963 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:142 Resp: 594366  
Ion Ratio Lower Upper  
142 100  
141 91.4 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

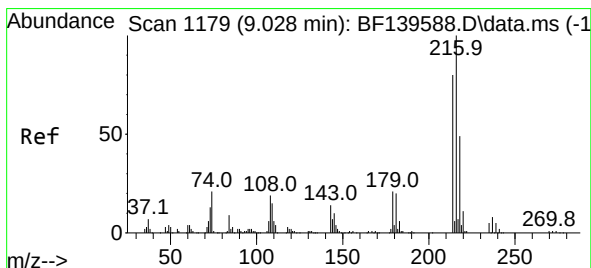
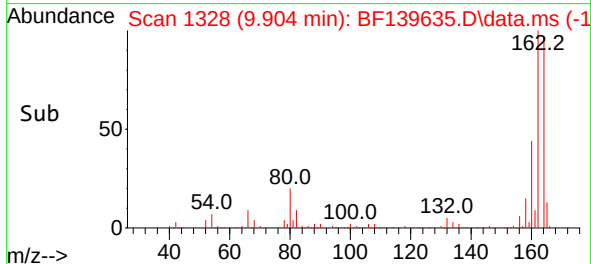
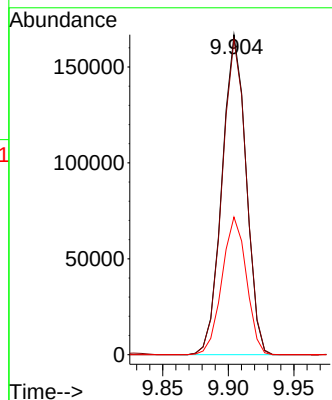
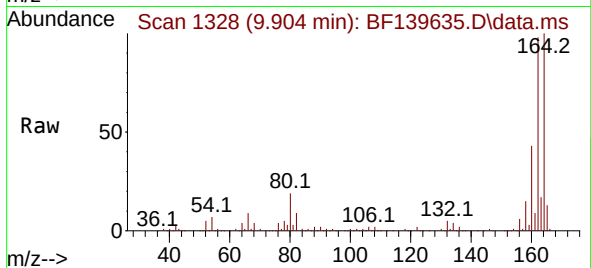
Tgt Ion:164 Resp: 212684

Ion Ratio Lower Upper

164 100

162 98.5 79.4 119.0

160 43.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.206 ng

RT: 9.028 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Tgt Ion:216 Resp: 296515

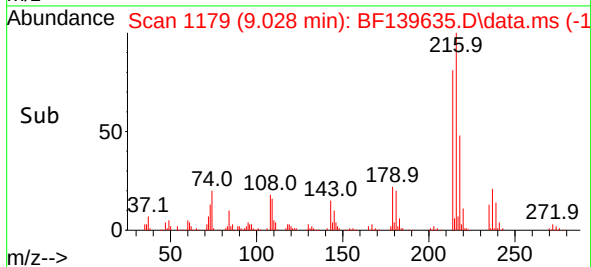
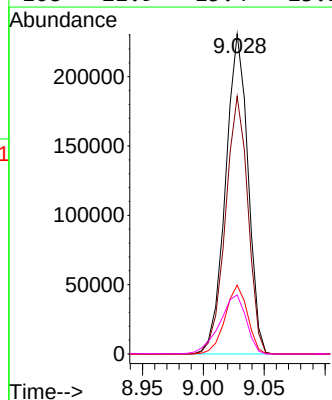
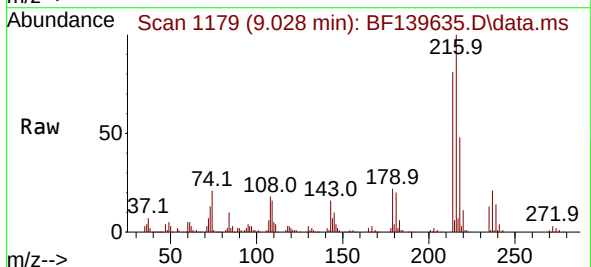
Ion Ratio Lower Upper

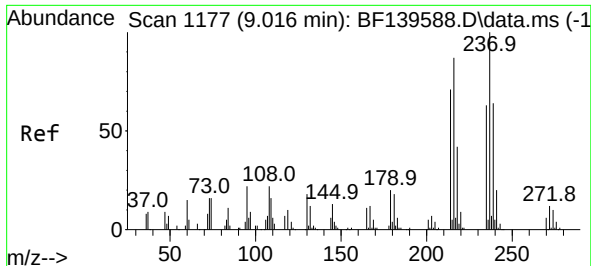
216 100

214 80.3 63.7 95.5

179 21.4 16.9 25.3

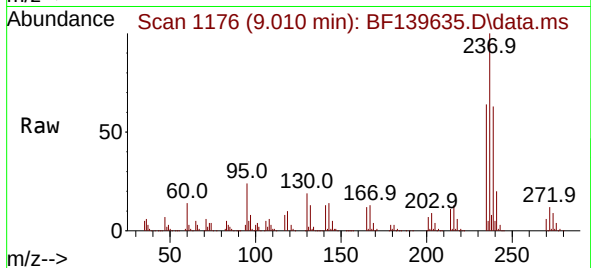
108 21.9 15.4 23.2



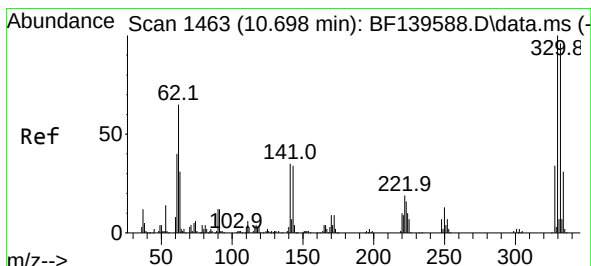
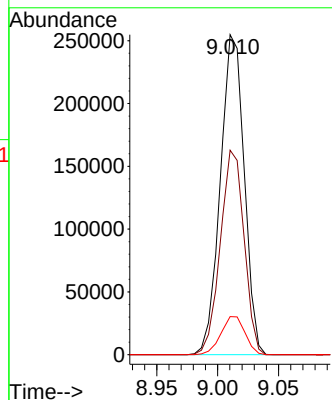
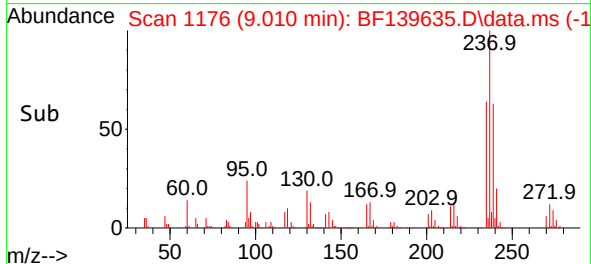


#41  
Hexachlorocyclopentadiene  
Concen: 192.116 ng  
RT: 9.010 min Scan# 1177  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

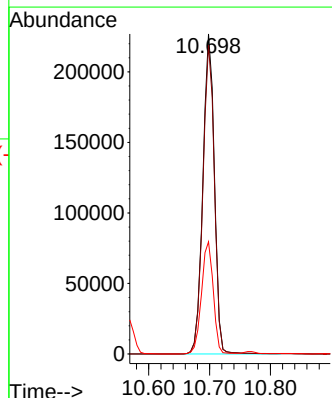
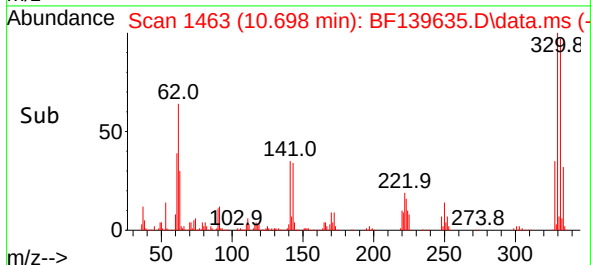
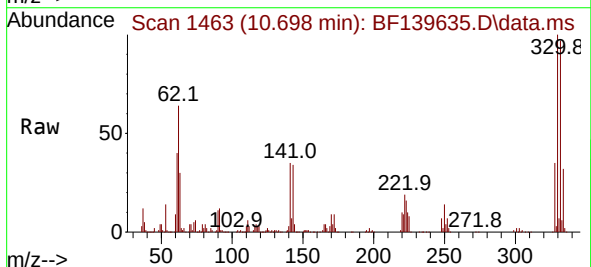


Tgt Ion:237 Resp: 347905  
Ion Ratio Lower Upper  
237 100  
235 63.9 42.5 82.5  
272 11.9 0.0 32.1

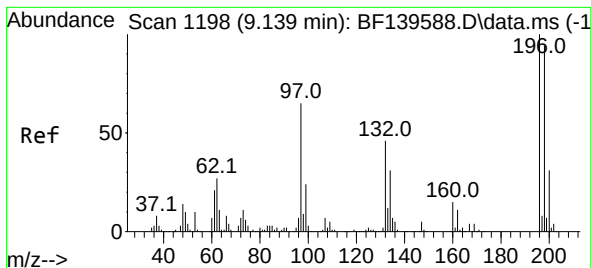


#42  
2,4,6-Tribromophenol  
Concen: 145.537 ng  
RT: 10.698 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:330 Resp: 298804  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.5 114.7  
141 35.9 29.3 43.9







#43

2,4,6-Trichlorophenol

Concen: 52.512 ng

RT: 9.140 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF139635.D

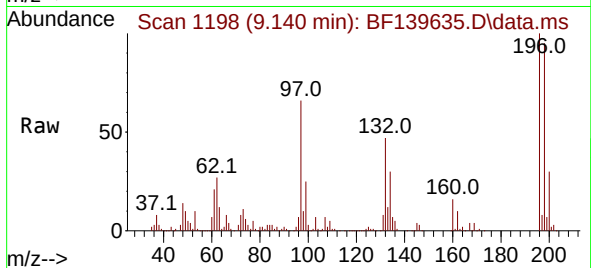
Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD



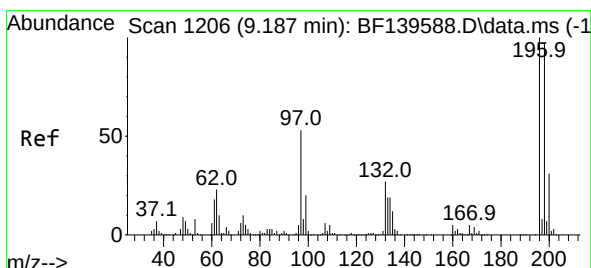
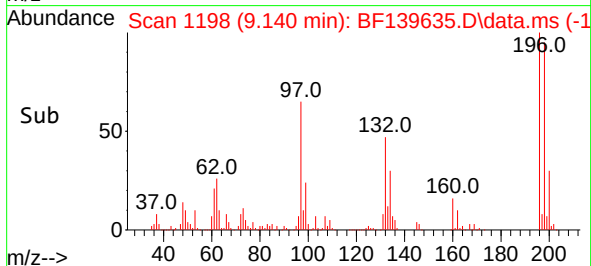
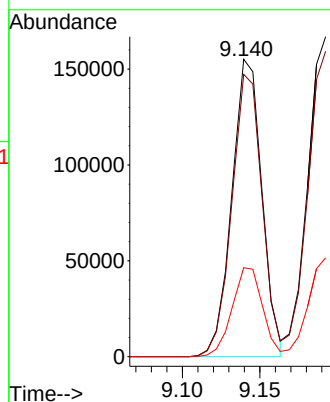
Tgt Ion:196 Resp: 209071

Ion Ratio Lower Upper

196 100

198 94.9 75.2 112.8

200 29.9 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 51.387 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Tgt Ion:196 Resp: 220635

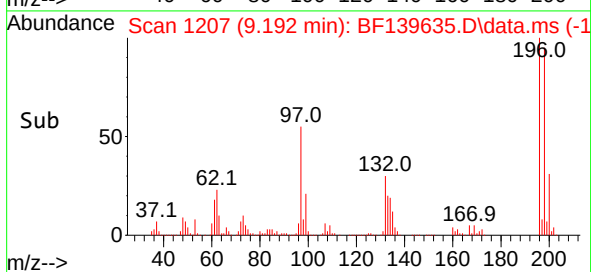
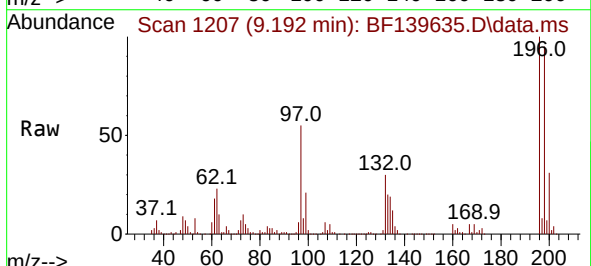
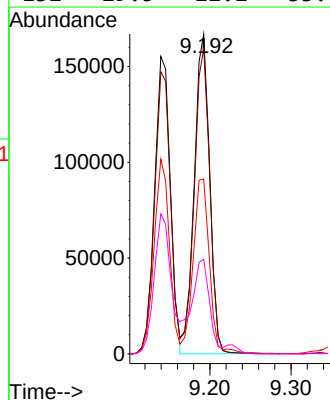
Ion Ratio Lower Upper

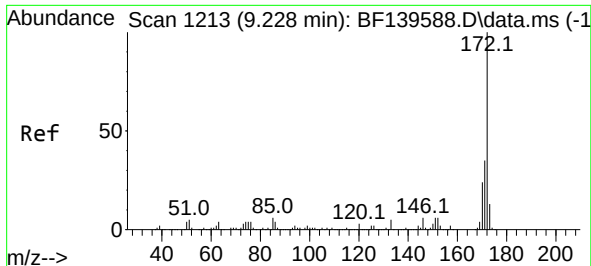
196 100

198 95.4 77.5 116.3

97 54.7 43.1 64.7

132 29.5 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 95.170 ng

RT: 9.228 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

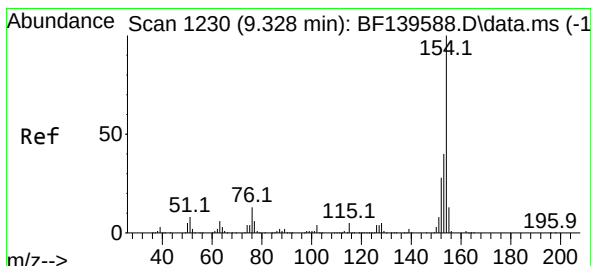
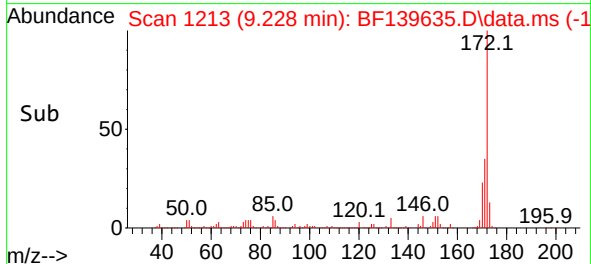
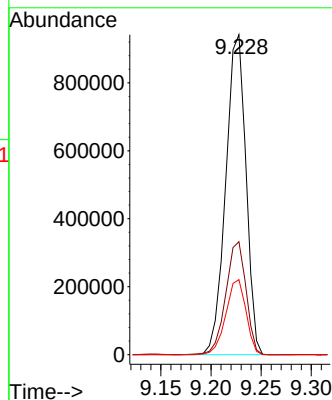
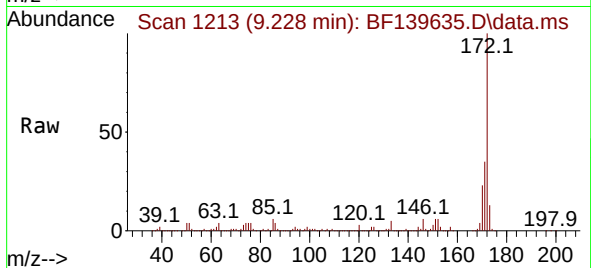
Tgt Ion:172 Resp: 1318479

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 50.799 ng

RT: 9.328 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

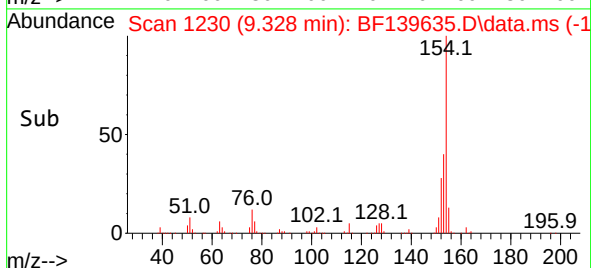
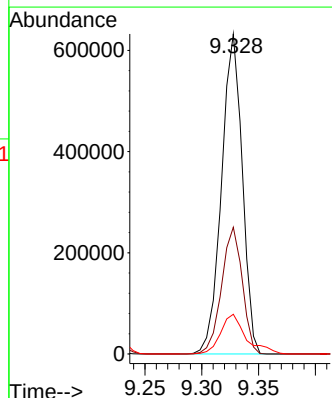
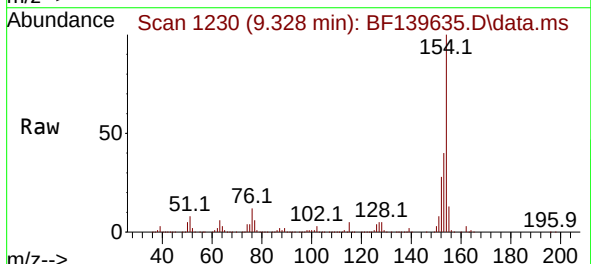
Tgt Ion:154 Resp: 803577

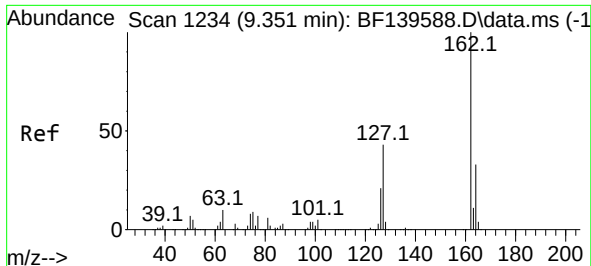
Ion Ratio Lower Upper

154 100

153 39.6 20.1 60.1

76 12.4 0.0 32.6

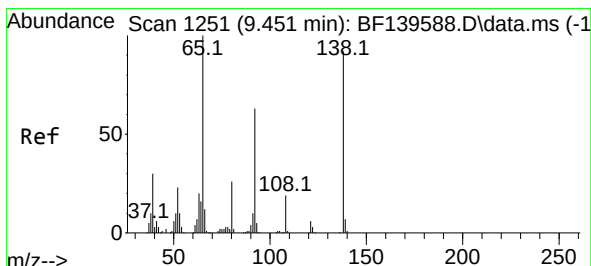
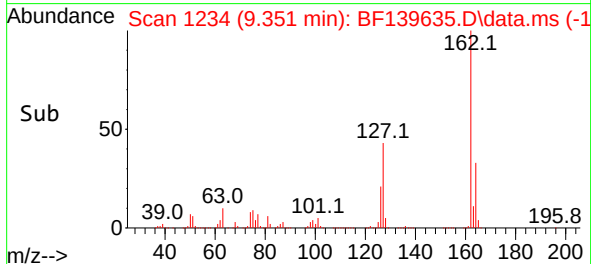
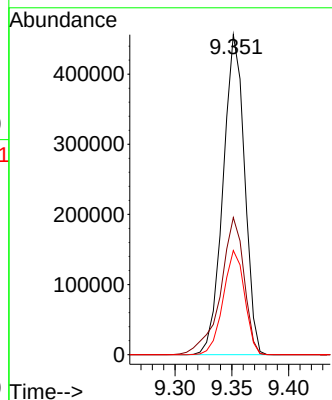
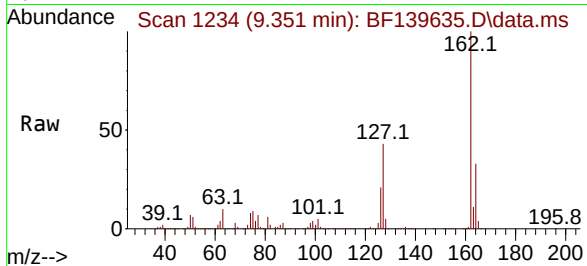




#47  
2-Chloronaphthalene  
Concen: 50.655 ng  
RT: 9.351 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

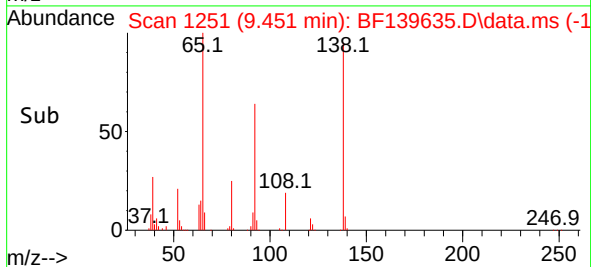
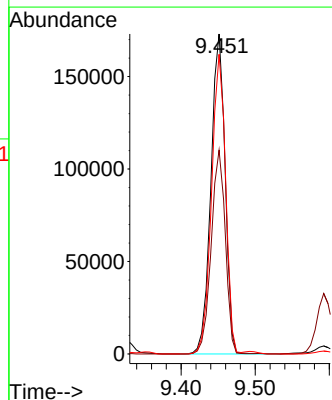
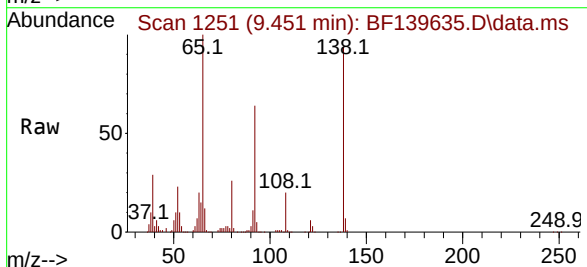
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

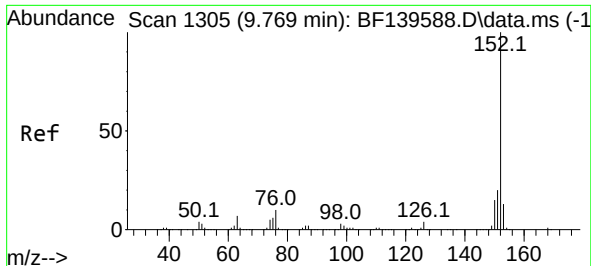
Tgt Ion:162 Resp: 600713  
Ion Ratio Lower Upper  
162 100  
127 42.9 35.0 52.4  
164 32.6 26.1 39.1



#48  
2-Nitroaniline  
Concen: 54.055 ng  
RT: 9.451 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion: 65 Resp: 230114  
Ion Ratio Lower Upper  
65 100  
92 63.7 50.0 75.0  
138 93.7 73.8 110.8





#49

Acenaphthylene

Concen: 54.569 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139635.D

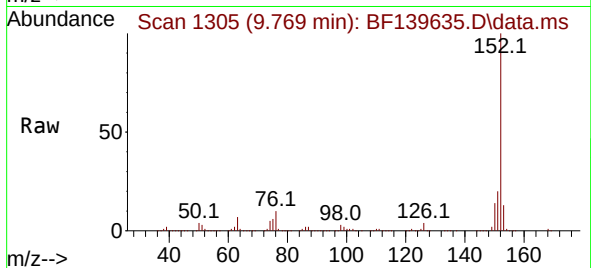
Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD



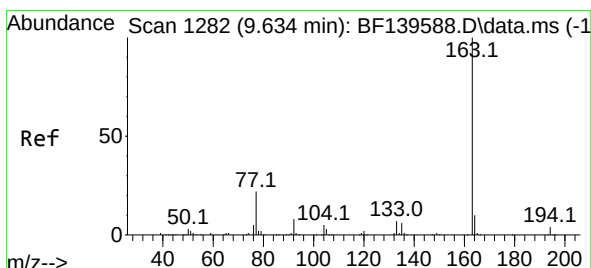
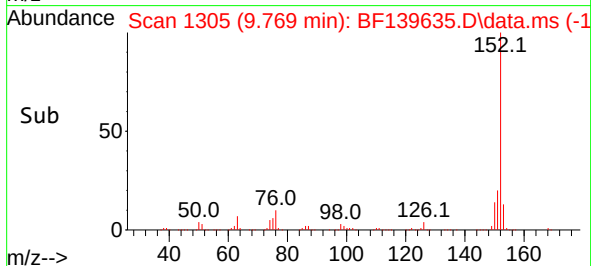
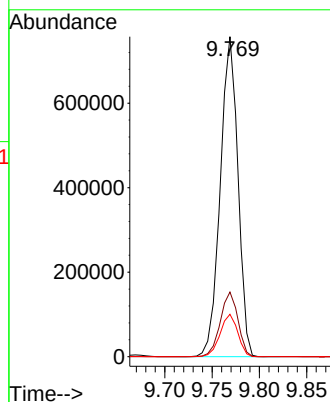
Tgt Ion:152 Resp: 984136

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 53.451 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

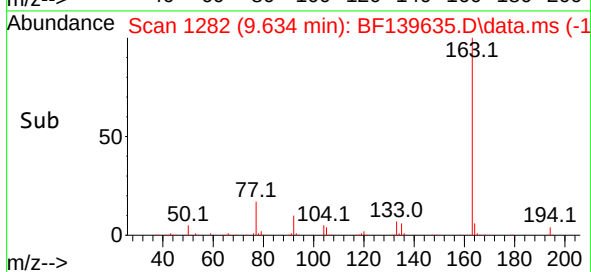
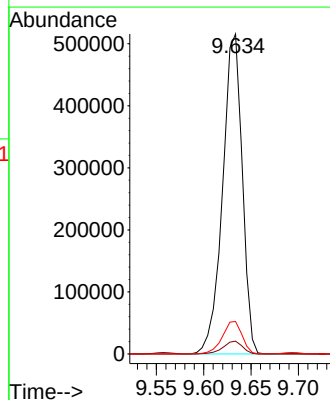
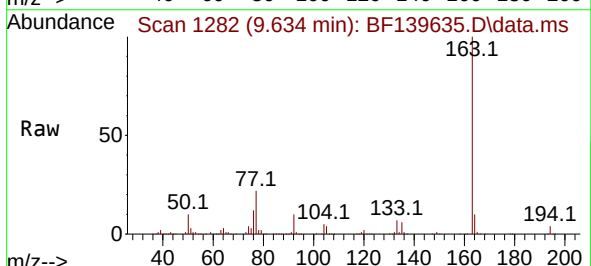
Tgt Ion:163 Resp: 744170

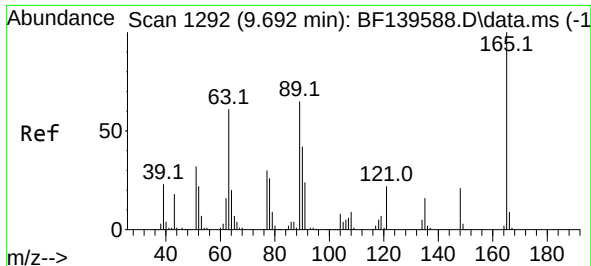
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.1 8.1 12.1

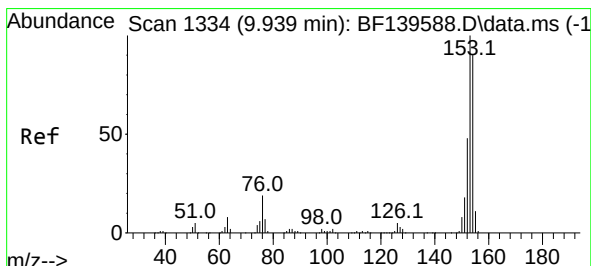
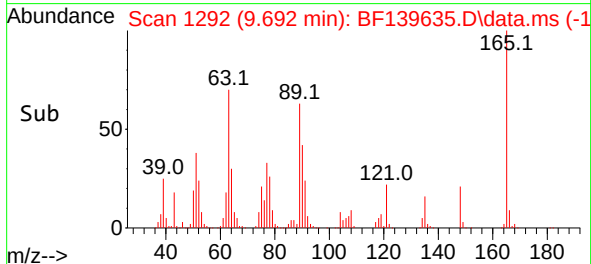
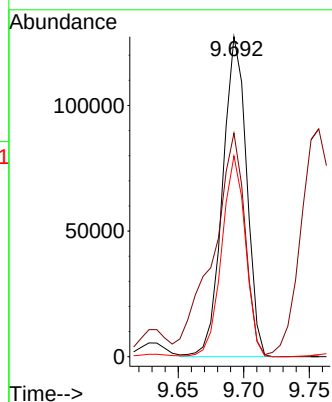
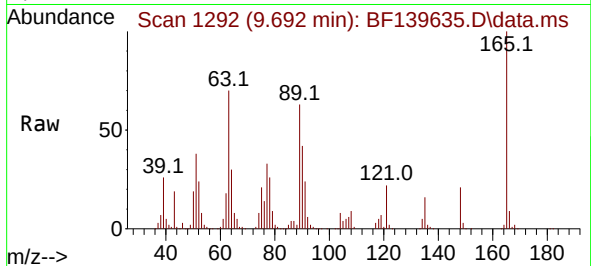




#51  
2,6-Dinitrotoluene  
Concen: 51.419 ng  
RT: 9.692 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

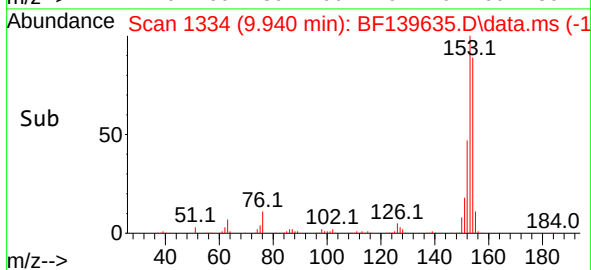
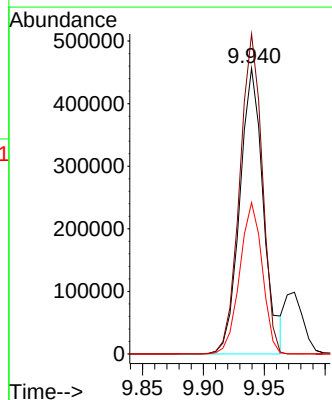
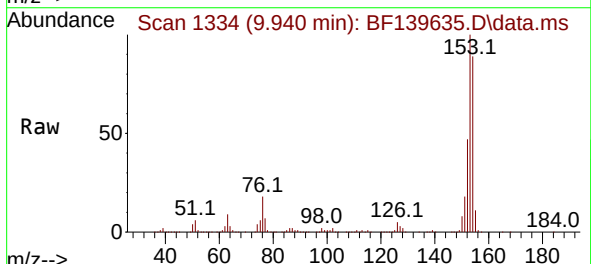
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

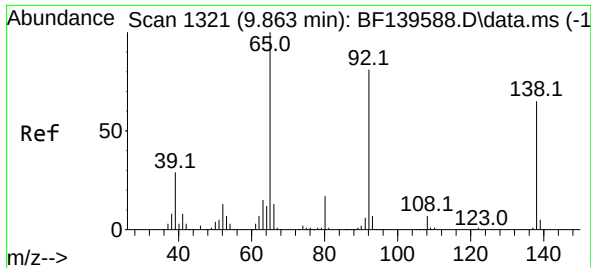
Tgt Ion:165 Resp: 161716  
Ion Ratio Lower Upper  
165 100  
63 69.9 56.7 85.1  
89 62.8 51.6 77.4



#52  
Acenaphthene  
Concen: 49.848 ng  
RT: 9.940 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:154 Resp: 617157  
Ion Ratio Lower Upper  
154 100  
153 112.0 88.8 133.2  
152 53.0 42.5 63.7

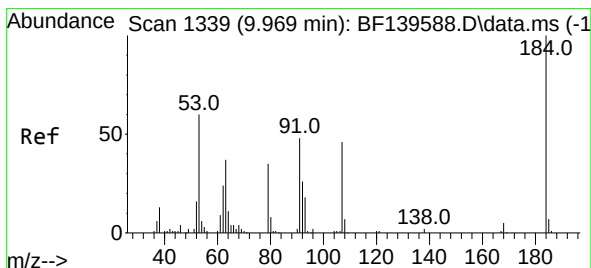
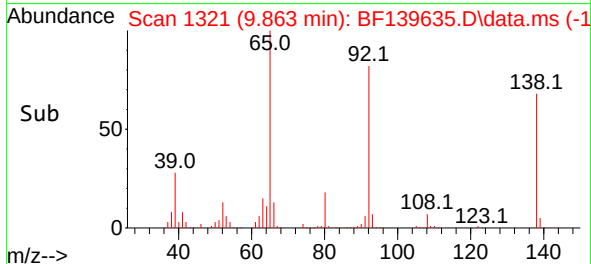
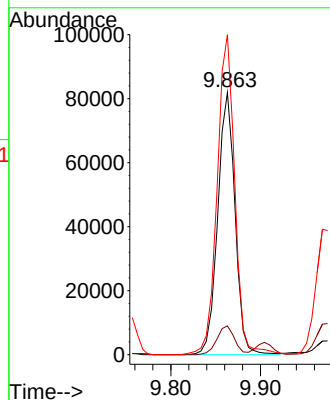
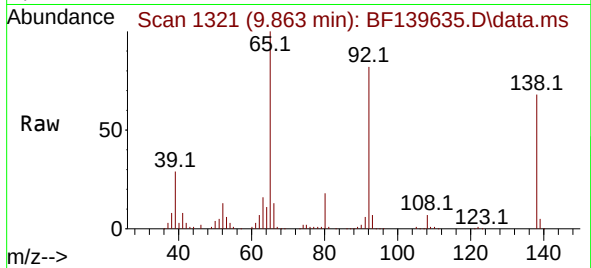




#53  
3-Nitroaniline  
Concen: 34.167 ng  
RT: 9.863 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

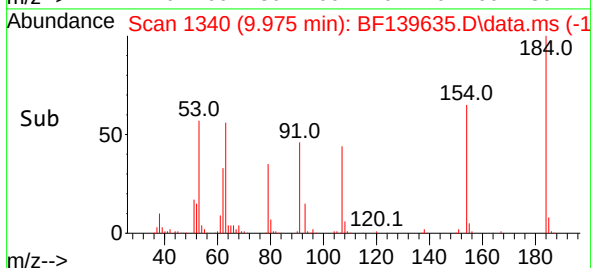
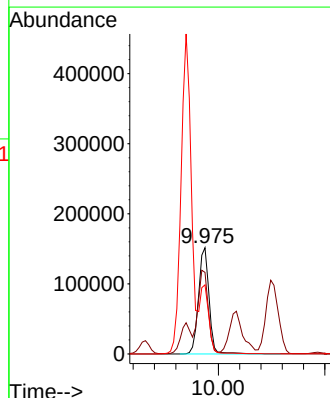
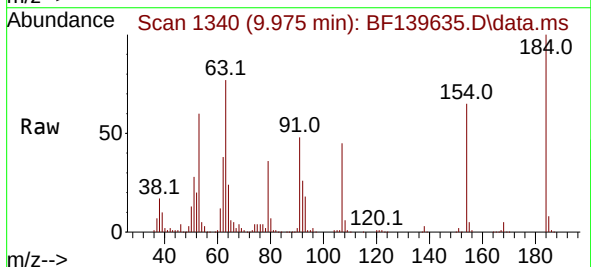
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

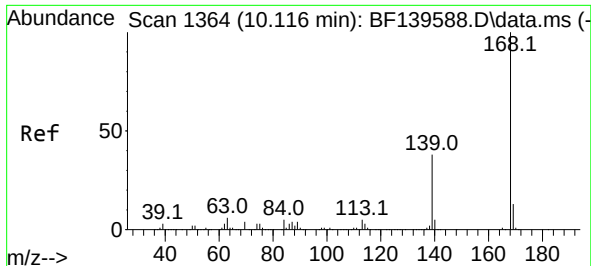
Tgt Ion:138 Resp: 109810  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.8 13.2  
92 122.0 100.0 150.0



#54  
2,4-Dinitrophenol  
Concen: 124.027 ng  
RT: 9.975 min Scan# 1340  
Delta R.T. 0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:184 Resp: 209804  
Ion Ratio Lower Upper  
184 100  
63 76.8 61.7 92.5  
154 65.0 53.0 79.4

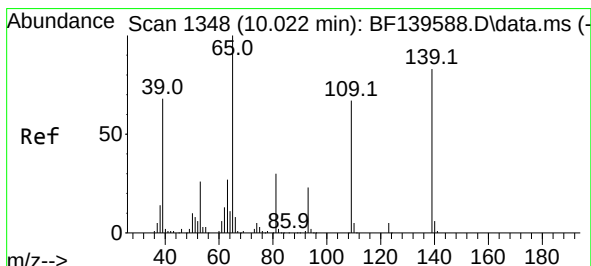
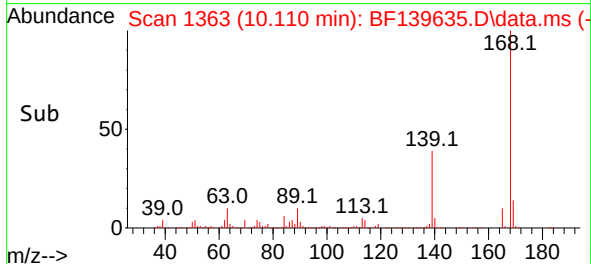
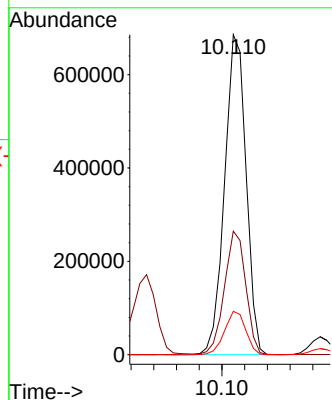
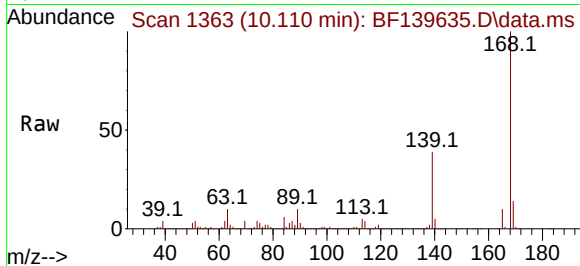




#55  
Dibenzenofuran  
Concen: 51.920 ng  
RT: 10.110 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

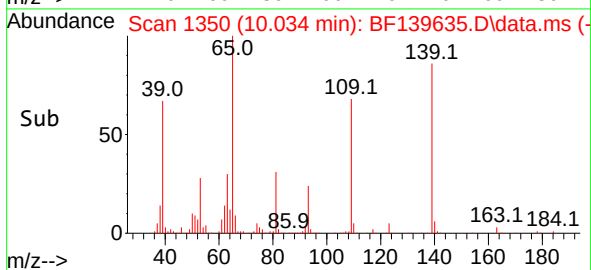
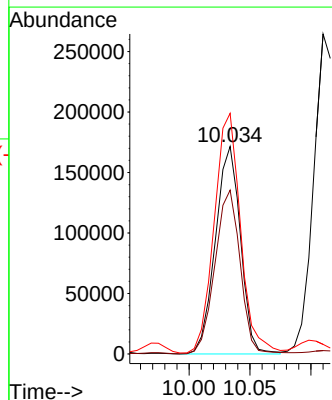
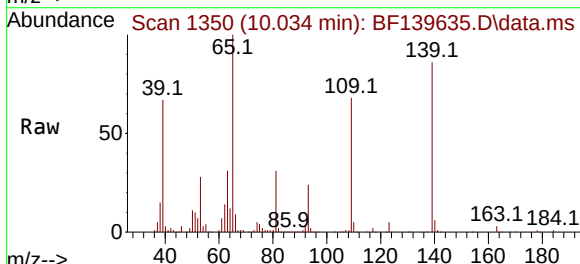
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

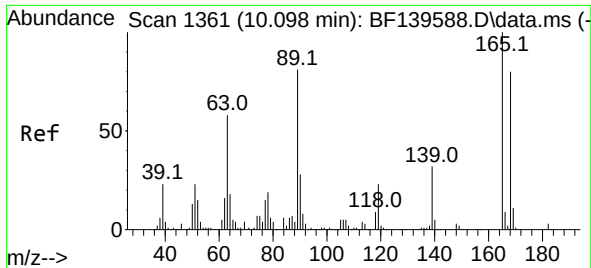
Tgt Ion:168 Resp: 900035  
Ion Ratio Lower Upper  
168 100  
139 38.6 30.4 45.6  
169 13.6 10.7 16.1



#56  
4-Nitrophenol  
Concen: 100.456 ng  
RT: 10.034 min Scan# 1350  
Delta R.T. 0.012 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:139 Resp: 246209  
Ion Ratio Lower Upper  
139 100  
109 79.0 60.3 100.3  
65 116.0 100.8 140.8



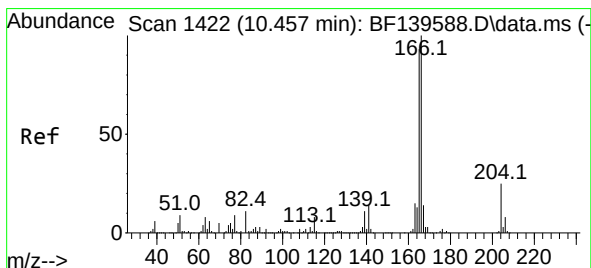
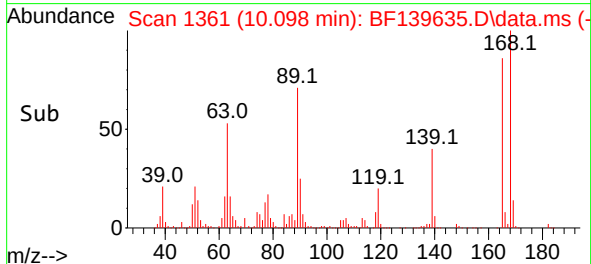
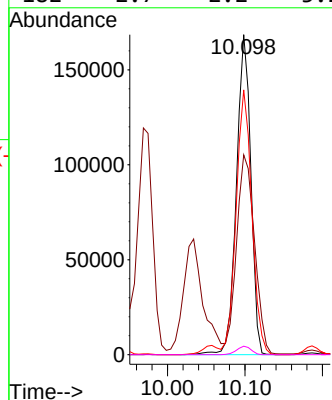
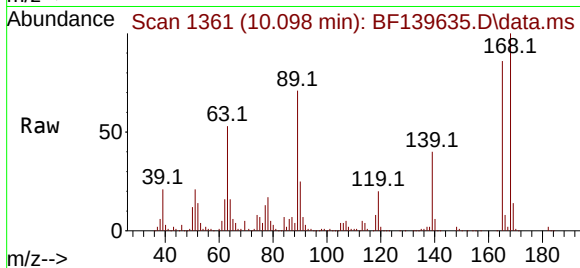


#57  
2,4-Dinitrotoluene  
Concen: 53.093 ng  
RT: 10.098 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

Tgt Ion:165 Resp: 218260

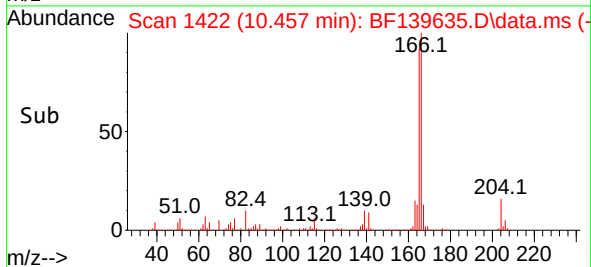
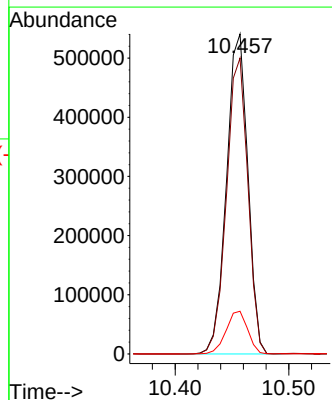
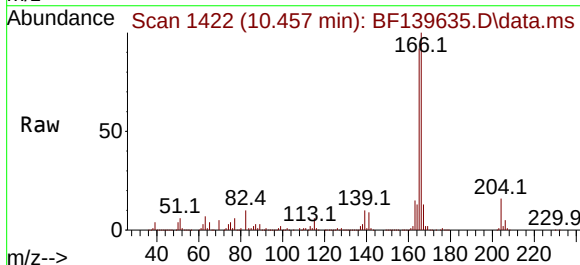
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100   |       |       |
| 63  | 62.5  | 46.9  | 70.3  |
| 89  | 82.8  | 64.4  | 96.6  |
| 182 | 2.7   | 2.2   | 3.2   |



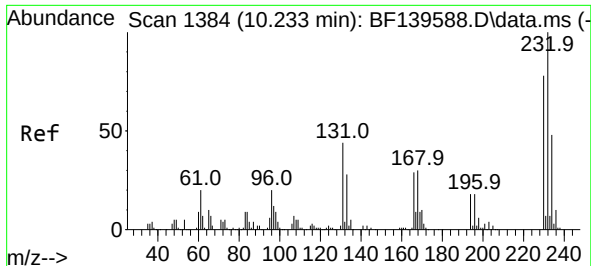
#58  
Fluorene  
Concen: 51.128 ng  
RT: 10.457 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:166 Resp: 705912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 92.5  | 74.4  | 111.6 |
| 167 | 13.3  | 10.9  | 16.3  |







#59

2,3,4,6-Tetrachlorophenol

Concen: 54.954 ng

RT: 10.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

Tgt Ion:232 Resp: 190573

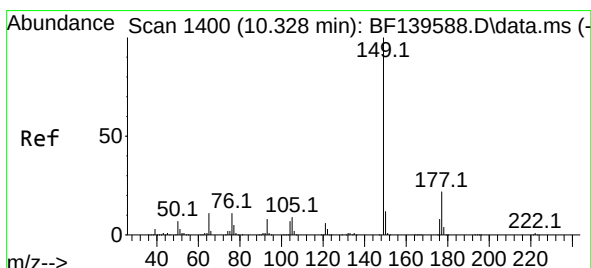
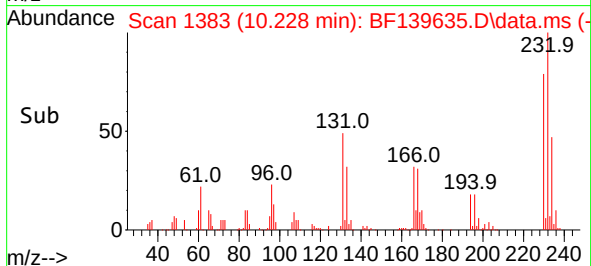
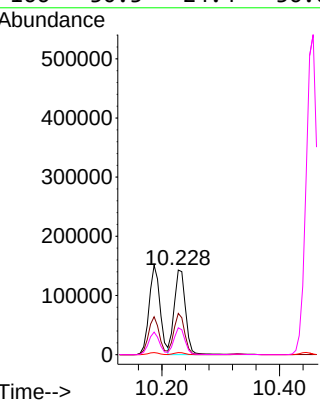
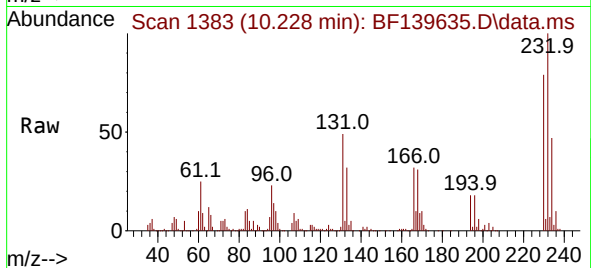
Ion Ratio Lower Upper

232 100

131 46.6 37.8 56.6

130 2.5 1.9 2.9

166 30.3 24.4 36.6



#60

Diethylphthalate

Concen: 52.354 ng

RT: 10.328 min Scan# 1400

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

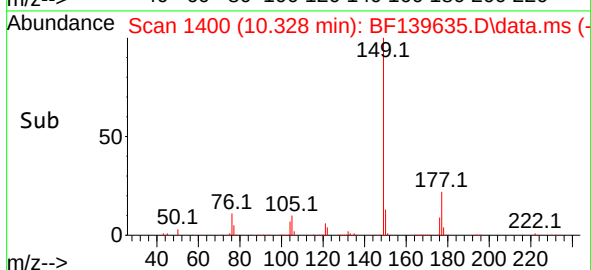
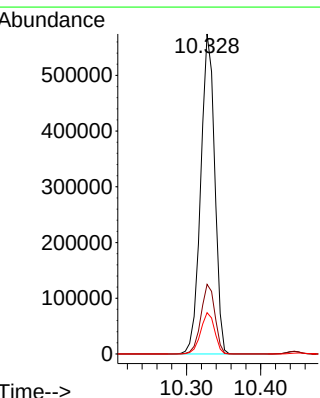
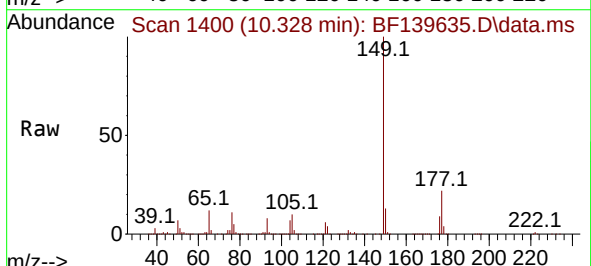
Tgt Ion:149 Resp: 752876

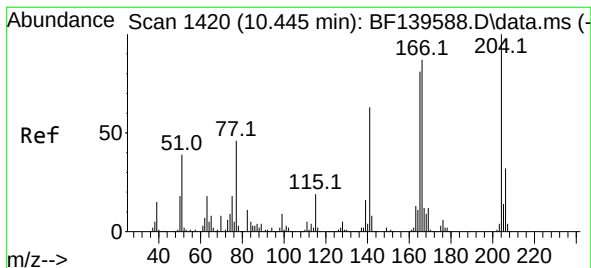
Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.0

150 12.9 10.0 15.0

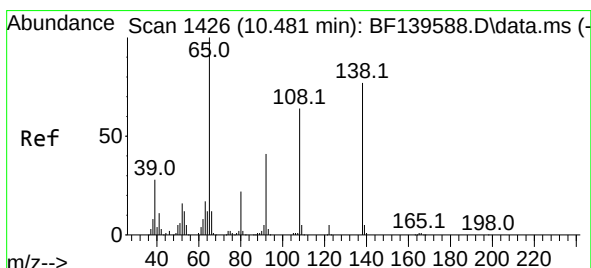
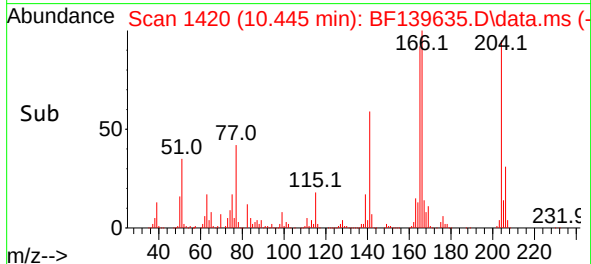
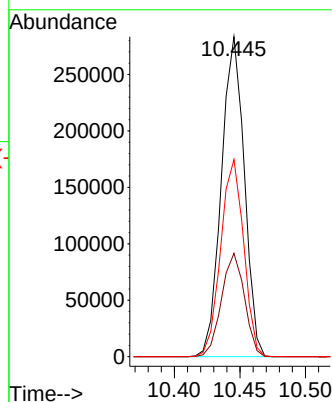
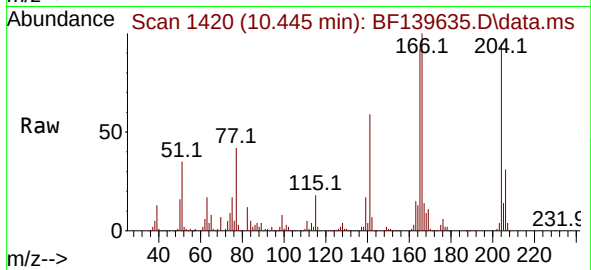




#61  
4-Chlorophenyl-phenylether  
Concen: 49.840 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

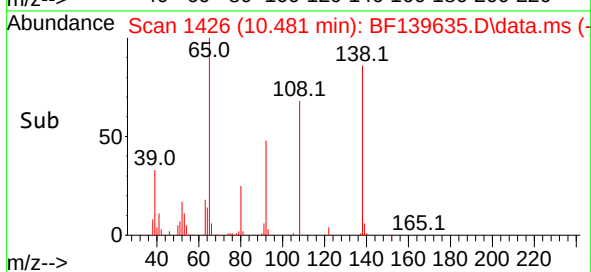
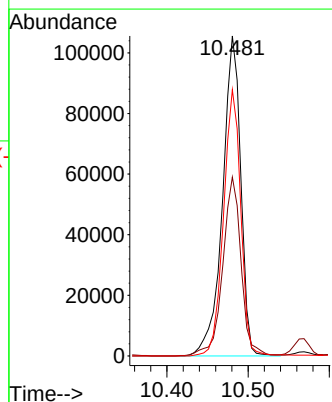
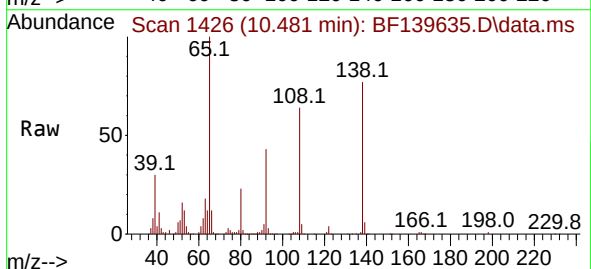
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

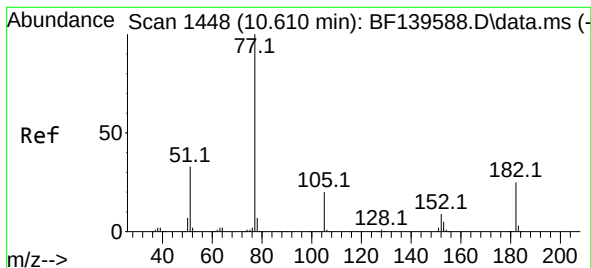
Tgt Ion:204 Resp: 344267  
Ion Ratio Lower Upper  
204 100  
206 32.3 25.9 38.9  
141 61.6 50.5 75.7



#62  
4-Nitroaniline  
Concen: 50.151 ng  
RT: 10.481 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:138 Resp: 164871  
Ion Ratio Lower Upper  
138 100  
92 55.9 33.3 73.3  
108 83.2 62.1 102.1





#63

Azobenzene

Concen: 52.383 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

Tgt Ion: 77 Resp: 757550

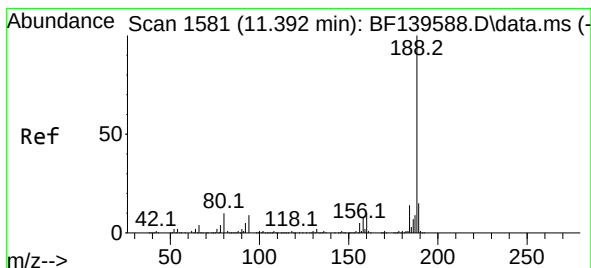
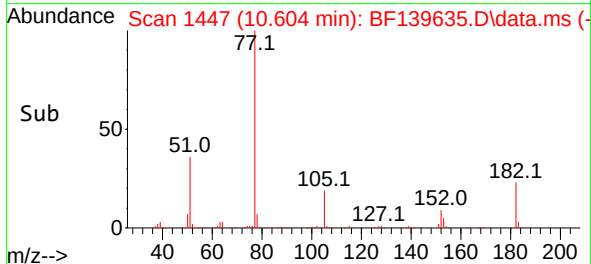
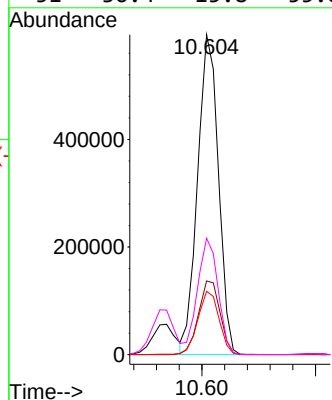
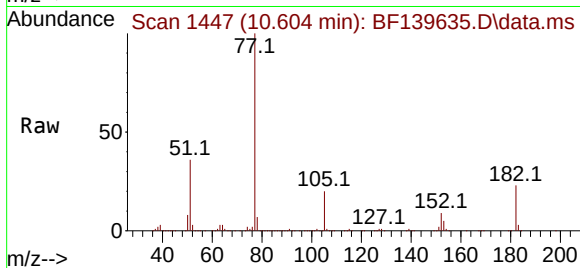
Ion Ratio Lower Upper

77 100

182 23.1 4.2 44.2

105 19.8 0.0 39.6

51 36.4 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

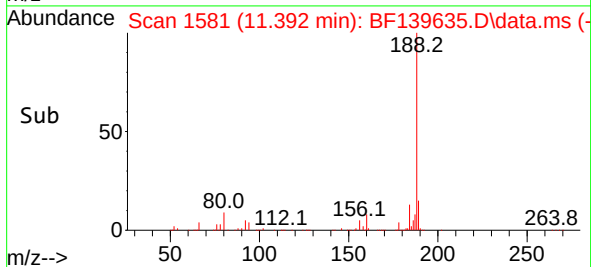
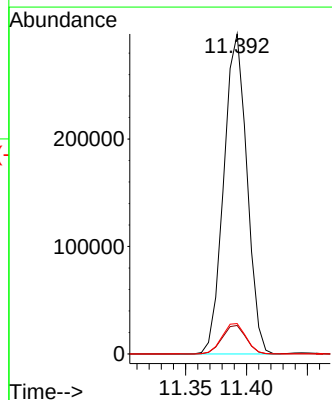
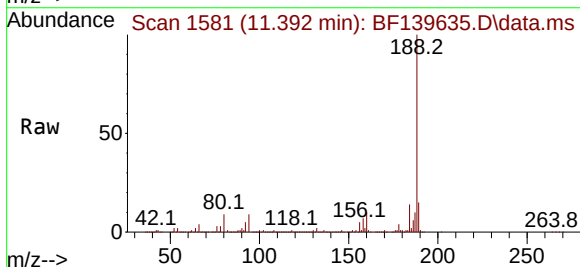
Tgt Ion: 188 Resp: 394361

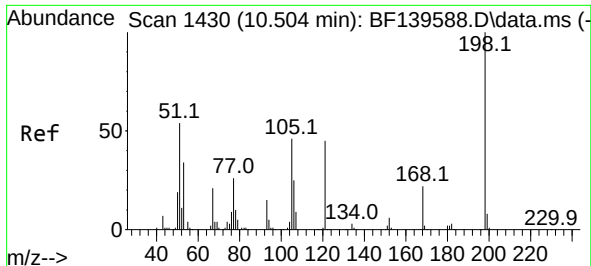
Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

80 9.5 8.2 12.2

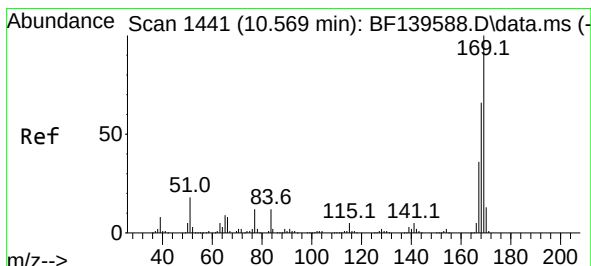
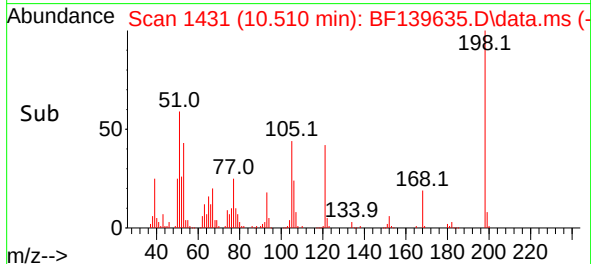
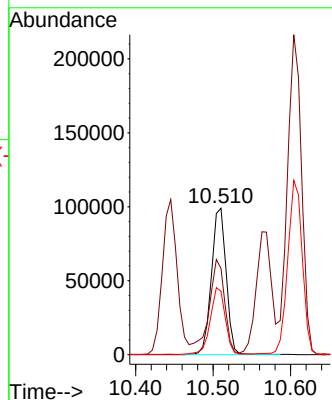
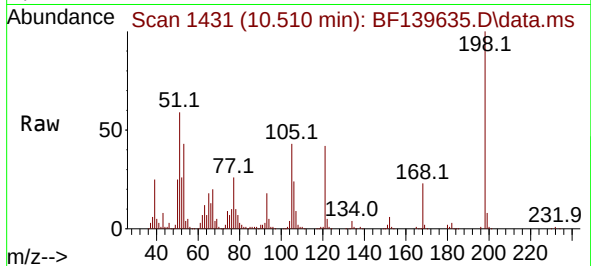




#65  
4,6-Dinitro-2-methylphenol  
Concen: 58.817 ng  
RT: 10.510 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

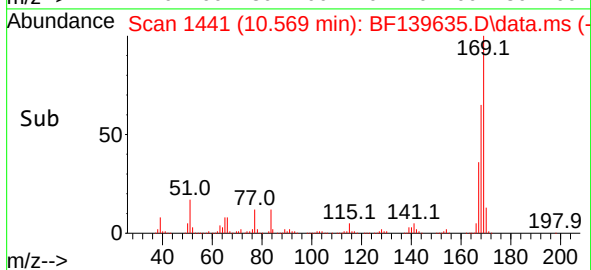
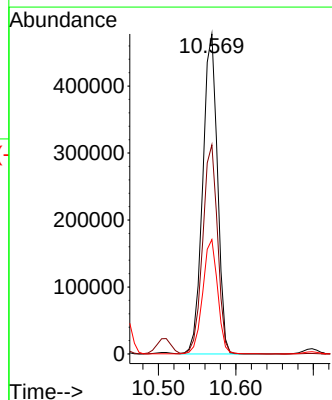
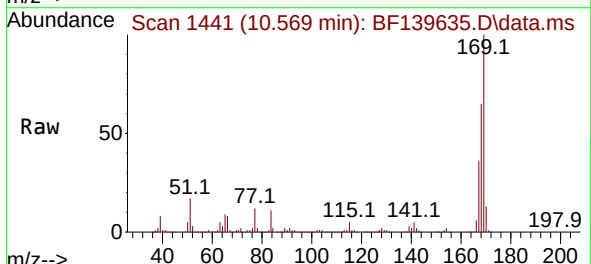
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

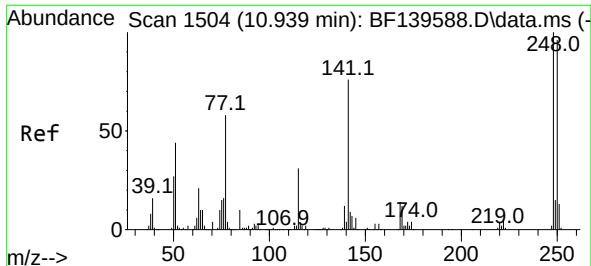
Tgt Ion:198 Resp: 131002  
Ion Ratio Lower Upper  
198 100  
51 58.9 43.0 83.0  
105 43.3 26.6 66.6



#66  
n-Nitrosodiphenylamine  
Concen: 54.146 ng  
RT: 10.569 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:169 Resp: 629405  
Ion Ratio Lower Upper  
169 100  
168 65.3 53.2 79.8  
167 35.8 28.6 43.0





#67

4-Bromophenyl-phenylether

Concen: 51.376 ng

RT: 10.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

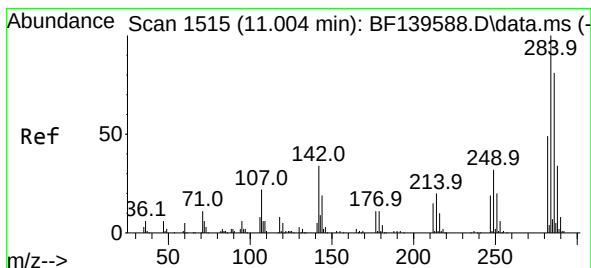
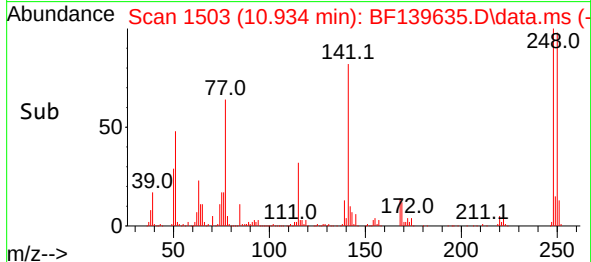
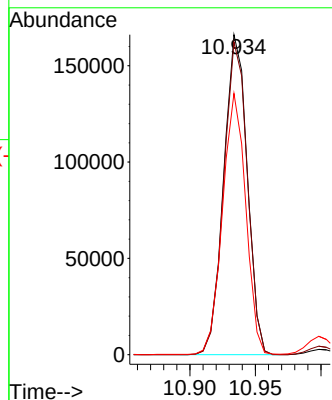
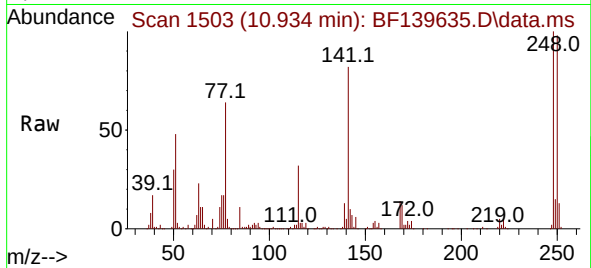
Tgt Ion:248 Resp: 207734

Ion Ratio Lower Upper

248 100

250 97.7 77.1 115.7

141 81.7 60.4 90.6



#68

Hexachlorobenzene

Concen: 51.851 ng

RT: 10.998 min Scan# 1514

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

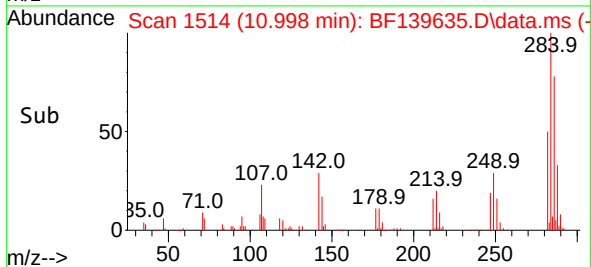
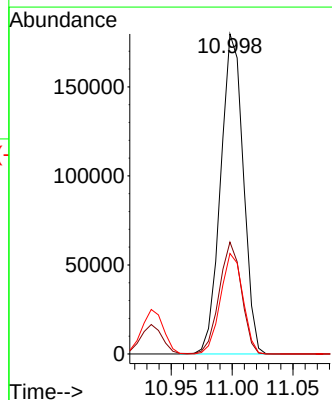
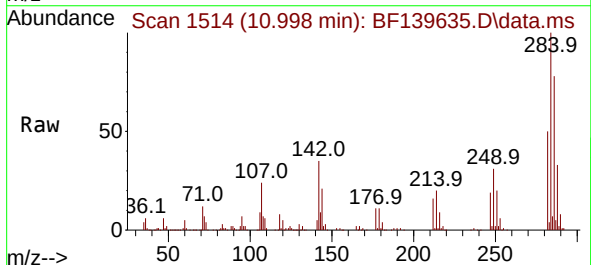
Tgt Ion:284 Resp: 232641

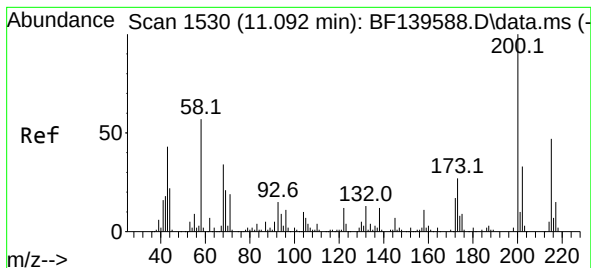
Ion Ratio Lower Upper

284 100

142 34.9 26.9 40.3

249 31.4 25.4 38.0





#69

Atrazine

Concen: 63.241 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

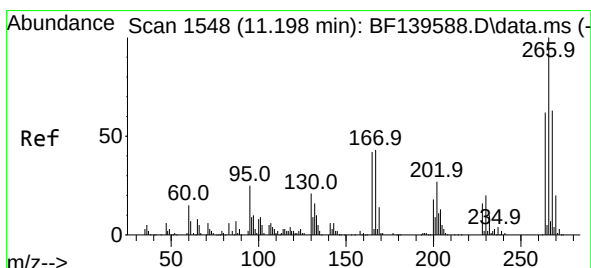
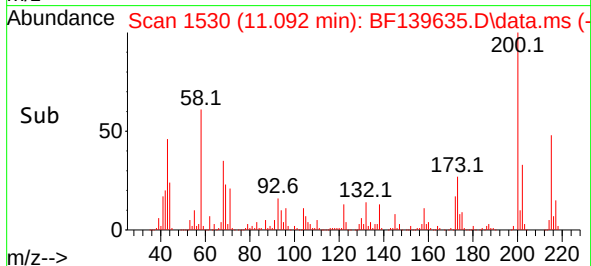
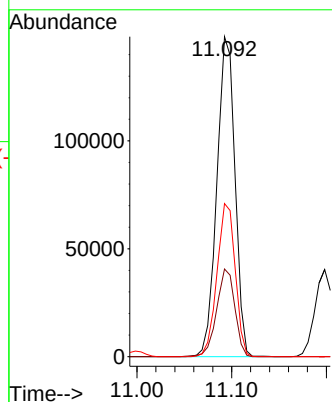
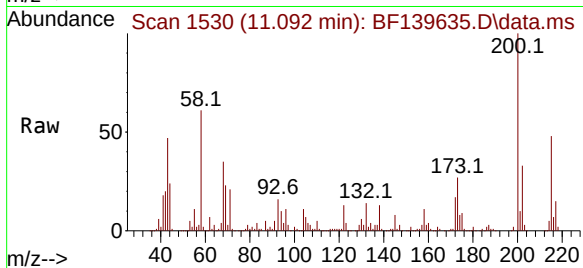
Tgt Ion:200 Resp: 197238

Ion Ratio Lower Upper

200 100

173 27.4 6.7 46.7

215 47.9 27.5 67.5



#70

Pentachlorophenol

Concen: 107.358 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

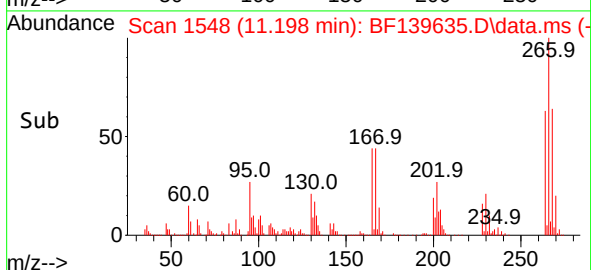
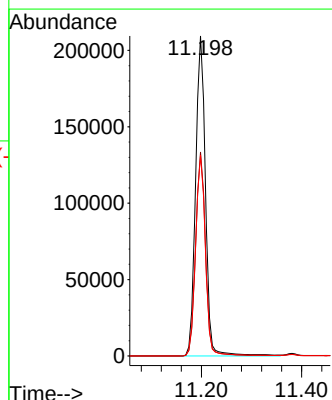
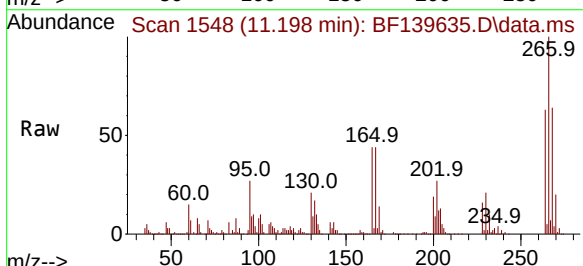
Tgt Ion:266 Resp: 286821

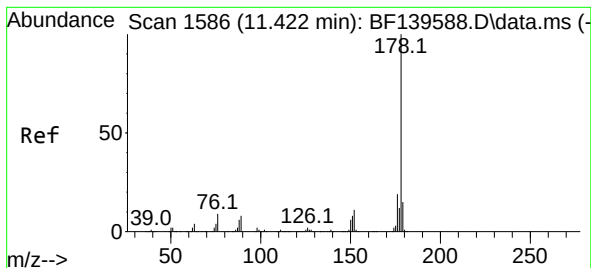
Ion Ratio Lower Upper

266 100

268 63.8 50.0 75.0

264 62.8 49.3 73.9





#71

Phenanthrene

Concen: 53.735 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

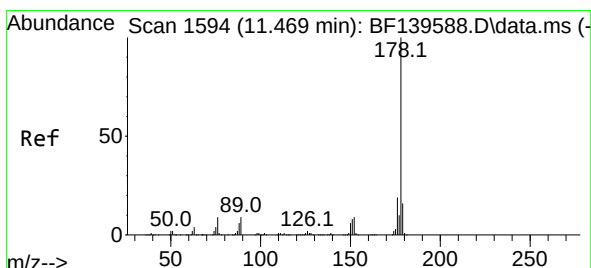
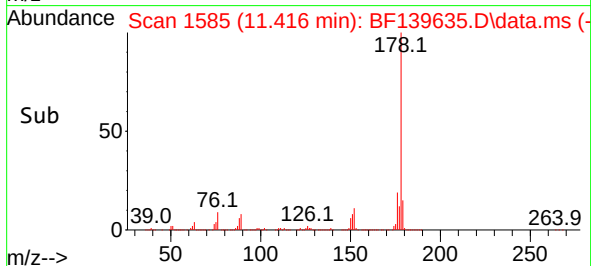
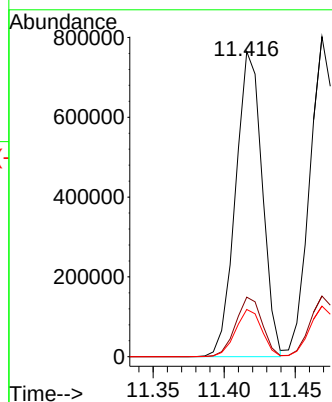
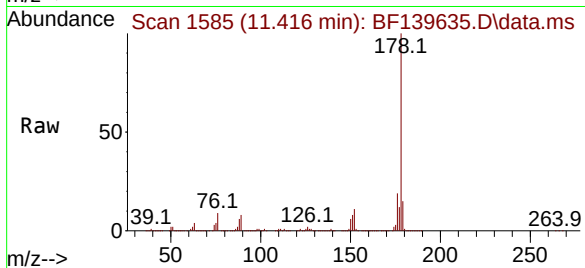
Tgt Ion:178 Resp: 999176

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.5 12.3 18.5



#72

Anthracene

Concen: 55.443 ng

RT: 11.469 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

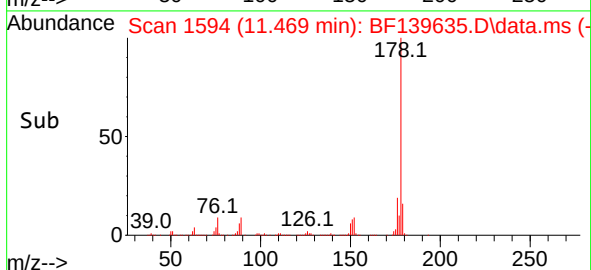
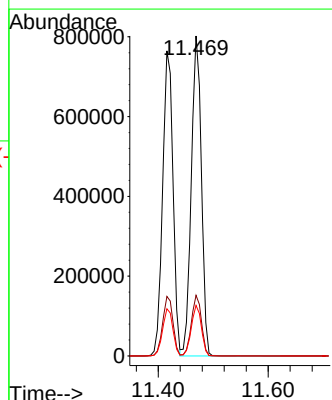
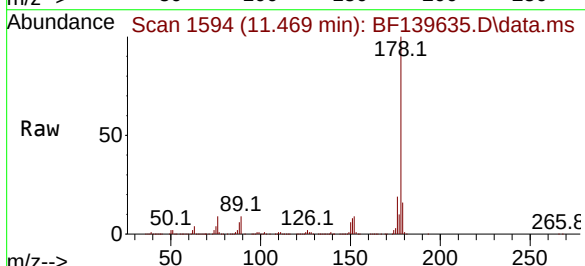
Tgt Ion:178 Resp: 1019896

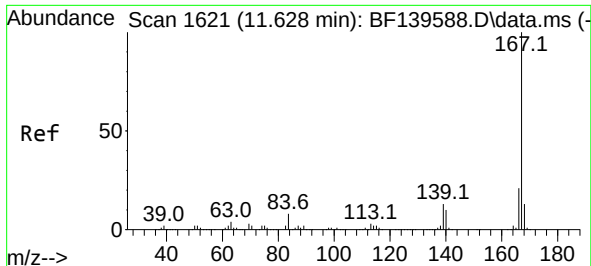
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.8 12.5 18.7



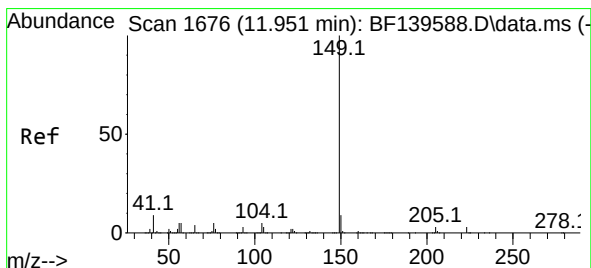
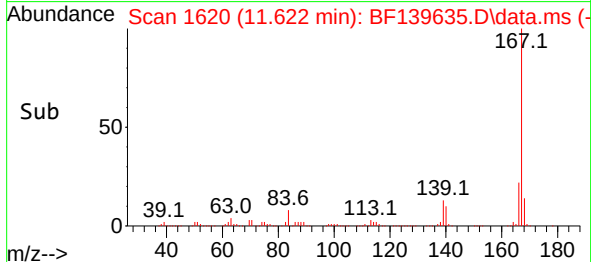
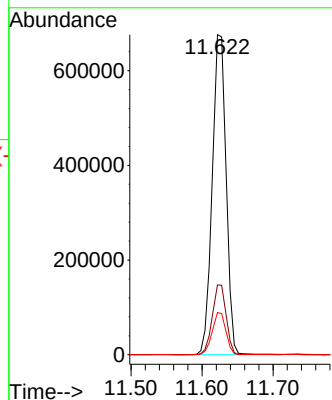
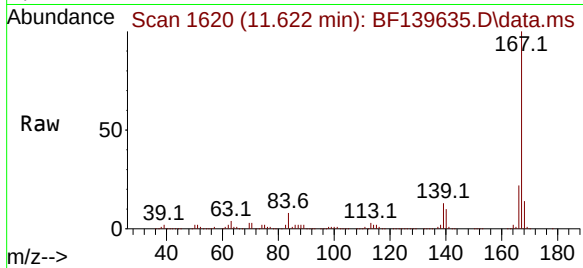


#73  
 Carbazole  
 Concen: 52.009 ng  
 RT: 11.622 min Scan# 1620  
 Delta R.T. -0.006 min  
 Lab File: BF139635.D  
 Acq: 03 Oct 2024 17:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CONCRETE-WC-1MSD

Tgt Ion:167 Resp: 918898  

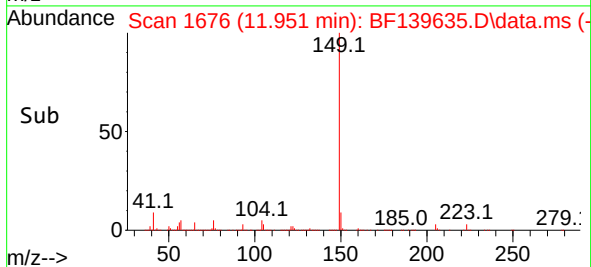
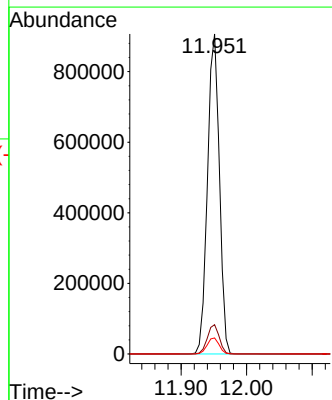
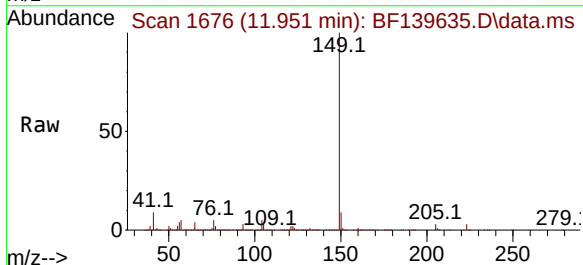
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.2  | 25.8  |
| 139 | 13.1  | 10.3  | 15.5  |



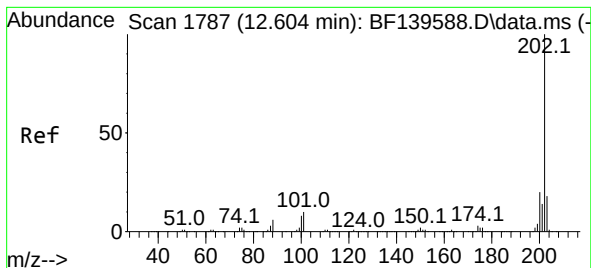
#74  
 Di-n-butylphthalate  
 Concen: 53.161 ng  
 RT: 11.951 min Scan# 1676  
 Delta R.T. 0.000 min  
 Lab File: BF139635.D  
 Acq: 03 Oct 2024 17:01

Tgt Ion:149 Resp: 1142165  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.5   | 11.3  |
| 104 | 5.0   | 4.1   | 6.1   |







#75

Fluoranthene

Concen: 50.773 ng

RT: 12.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

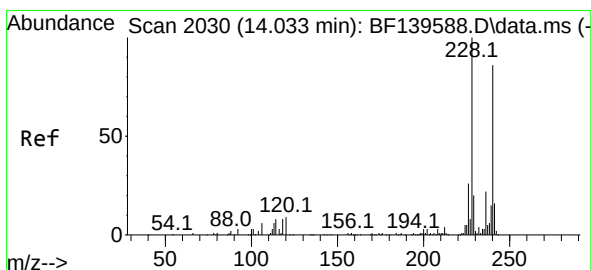
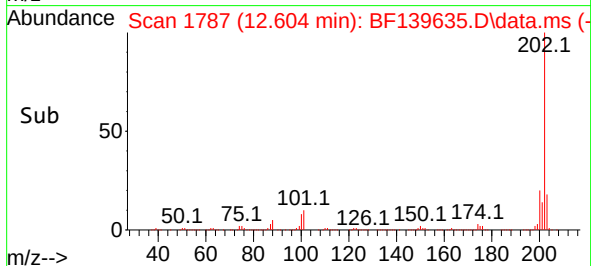
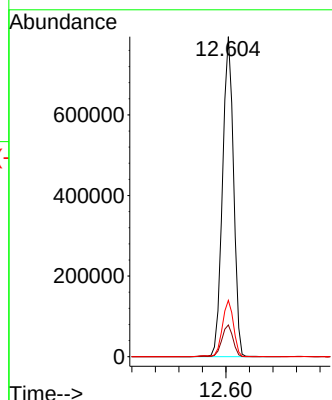
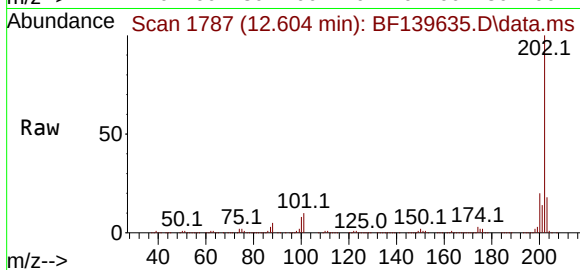
Tgt Ion:202 Resp: 1032042

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

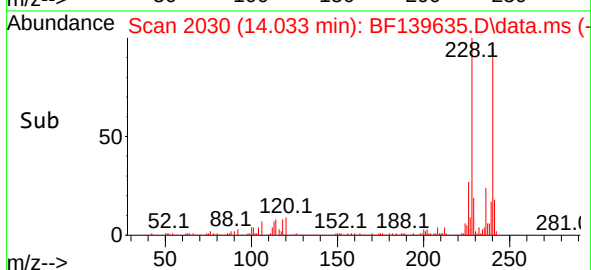
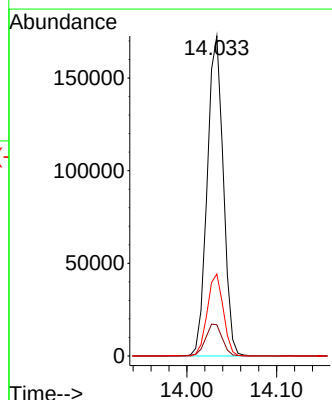
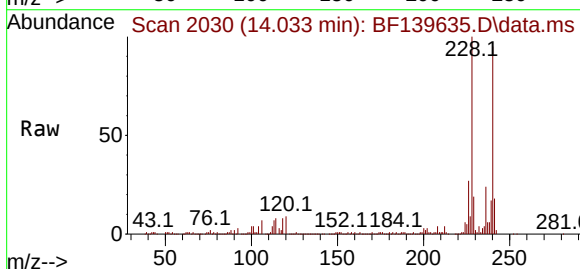
Tgt Ion:240 Resp: 214591

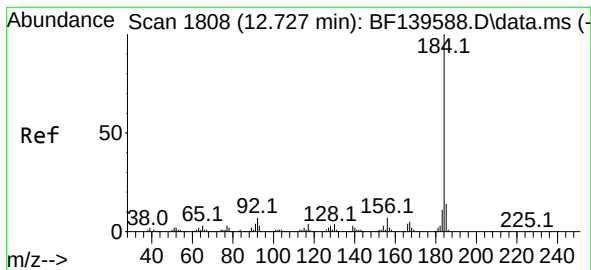
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.6 20.3 30.5





#77

Benzidine

Concen: 34.971 ng

RT: 12.728 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

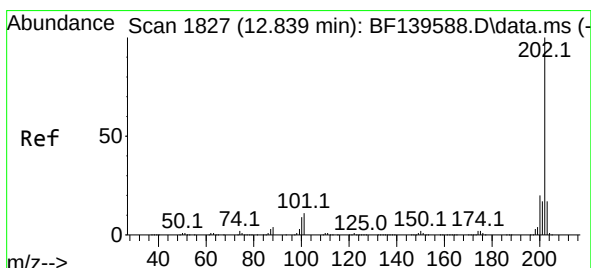
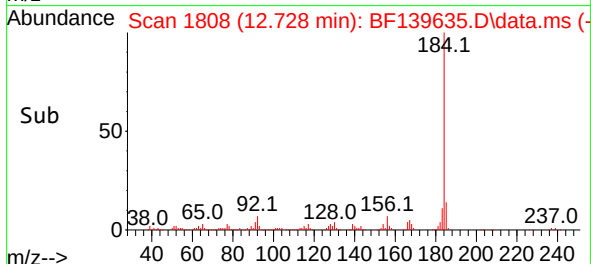
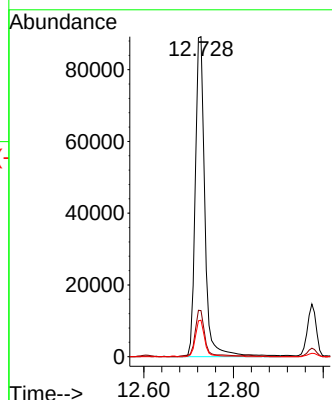
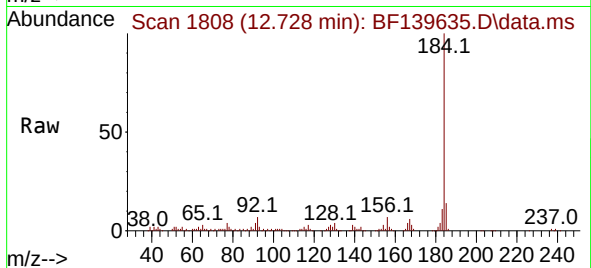
Tgt Ion:184 Resp: 132369

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.4 8.8 13.2



#78

Pyrene

Concen: 54.183 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

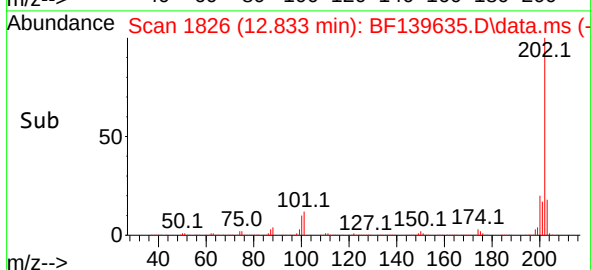
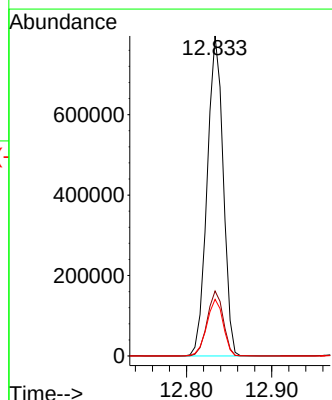
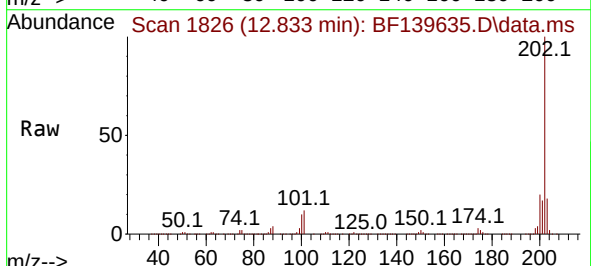
Tgt Ion:202 Resp: 1039922

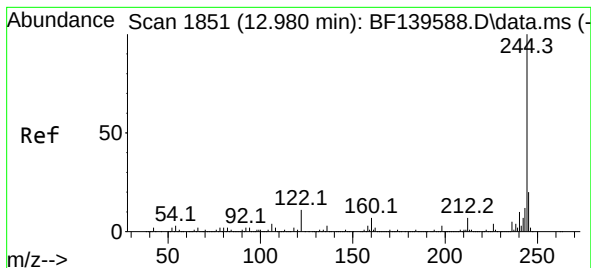
Ion Ratio Lower Upper

202 100

200 20.3 15.8 23.6

203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 105.944 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.005 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

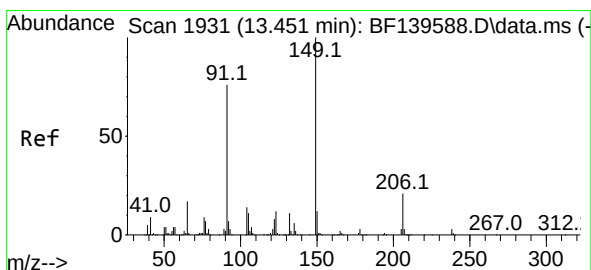
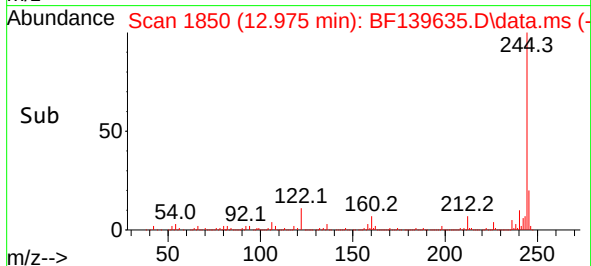
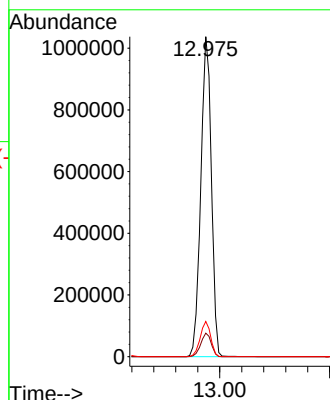
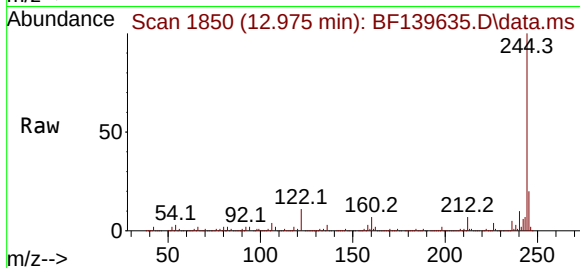
Tgt Ion:244 Resp: 1385550

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 11.0 8.6 12.8



#80

Butylbenzylphthalate

Concen: 58.168 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

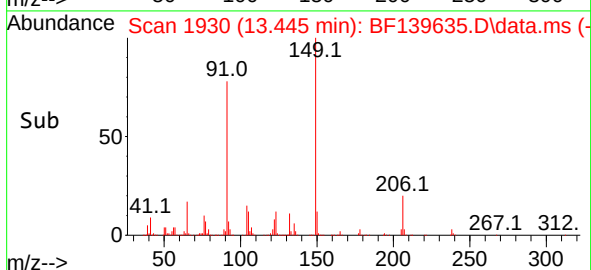
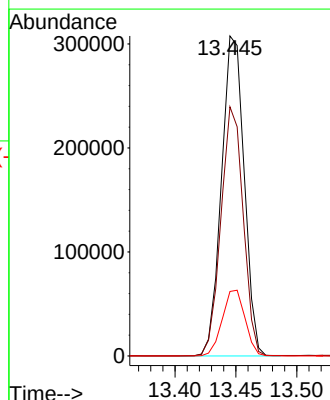
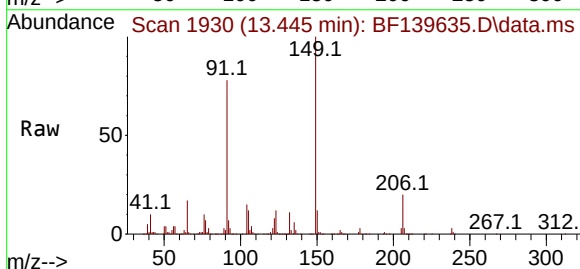
Tgt Ion:149 Resp: 399328

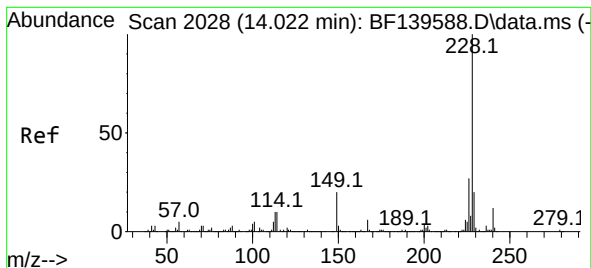
Ion Ratio Lower Upper

149 100

91 77.8 61.0 91.4

206 20.2 16.6 24.8





#81

Benzo(a)anthracene

Concen: 54.040 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

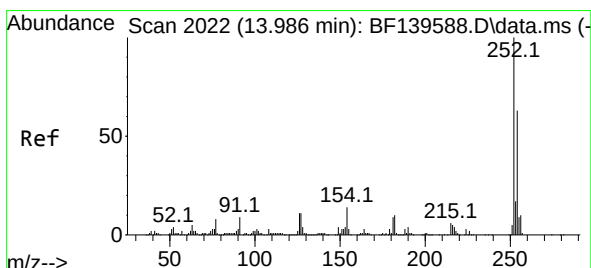
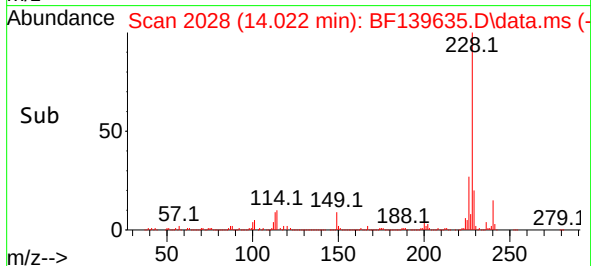
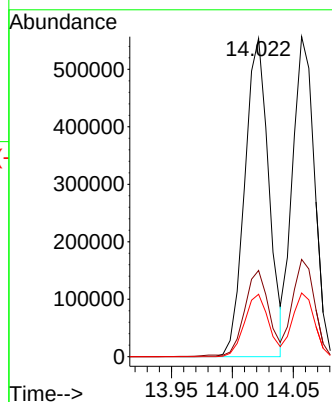
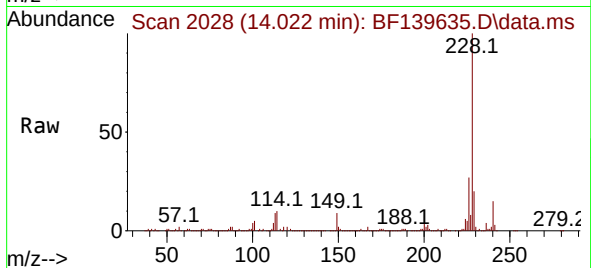
Tgt Ion:228 Resp: 762431

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 43.371 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

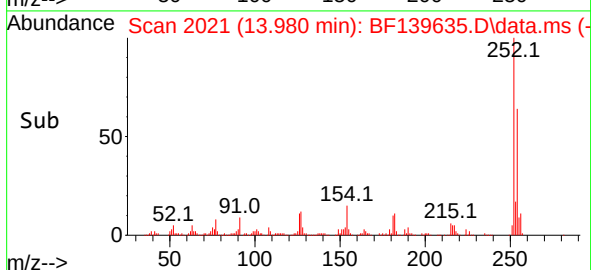
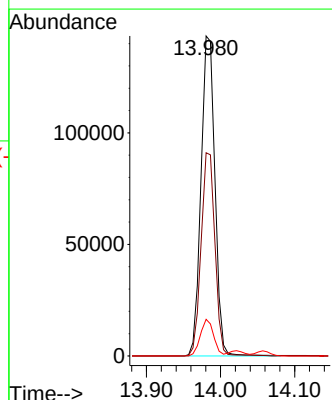
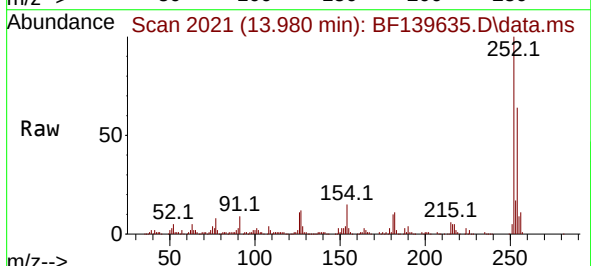
Tgt Ion:252 Resp: 187267

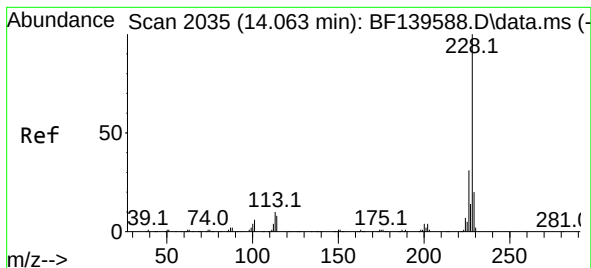
Ion Ratio Lower Upper

252 100

254 63.5 50.5 75.7

126 11.5 8.8 13.2





#83

Chrysene

Concen: 54.305 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

Instrument :

BNA\_F

ClientSampleId :

CONCRETE-WC-1MSD

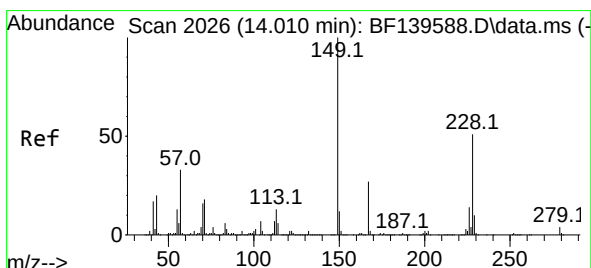
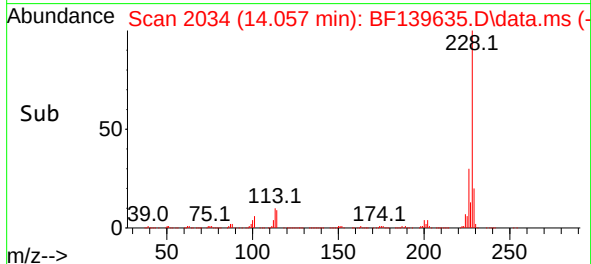
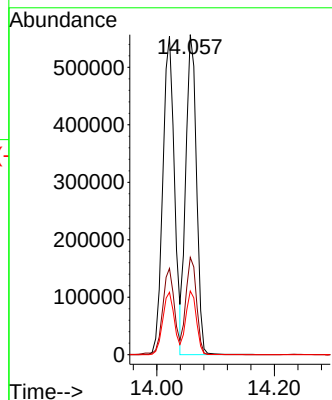
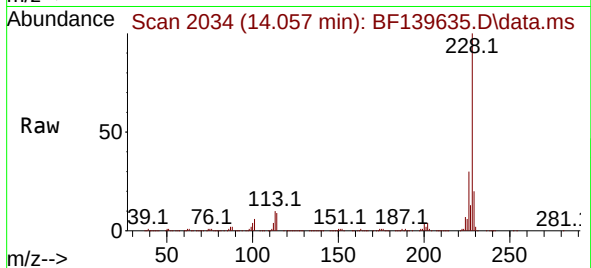
Tgt Ion:228 Resp: 700472

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.268 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139635.D

Acq: 03 Oct 2024 17:01

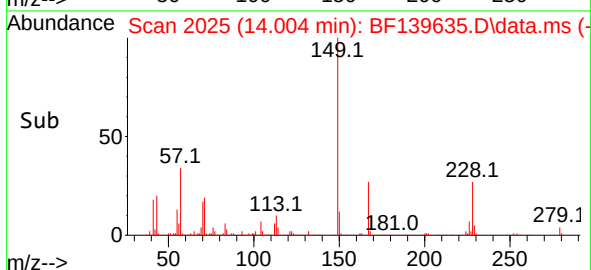
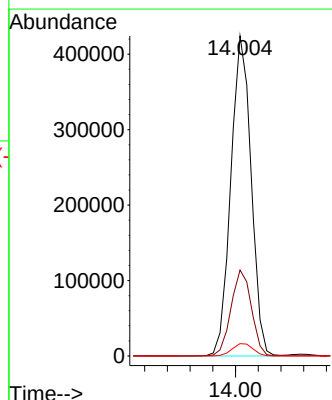
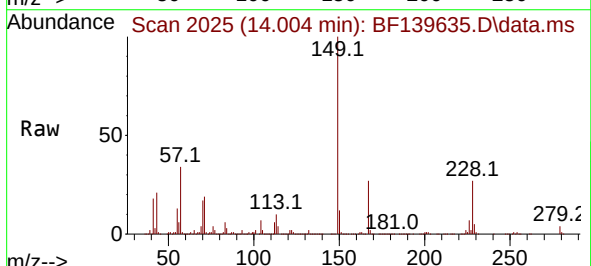
Tgt Ion:149 Resp: 525215

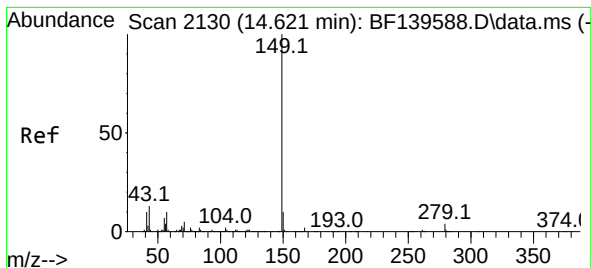
Ion Ratio Lower Upper

149 100

167 26.9 21.7 32.5

279 3.9 3.2 4.8

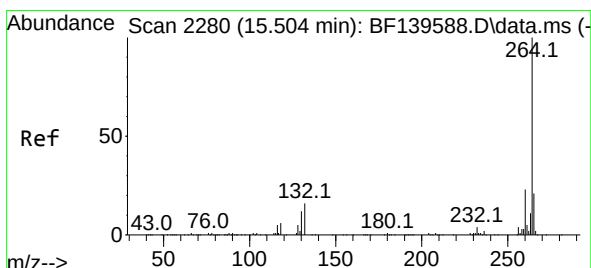
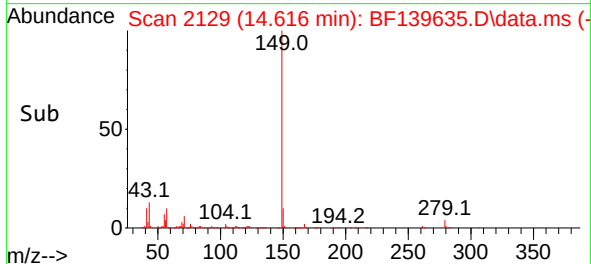
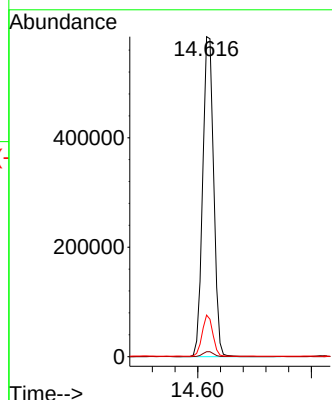
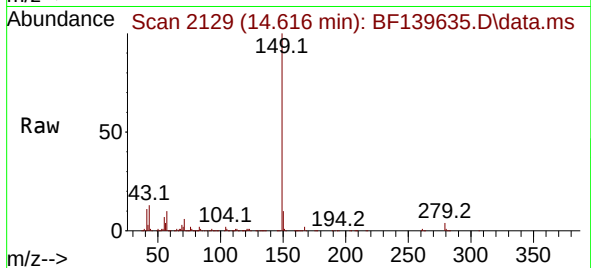




#85  
Di-n-octyl phthalate  
Concen: 62.278 ng  
RT: 14.616 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

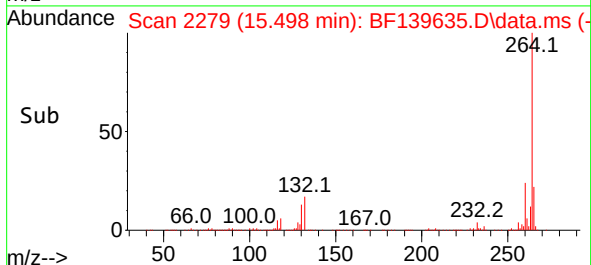
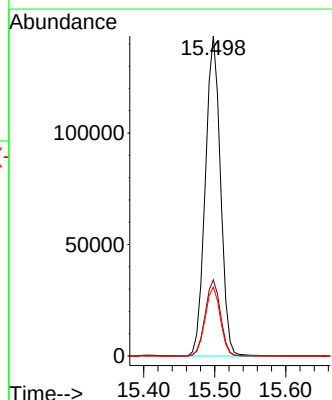
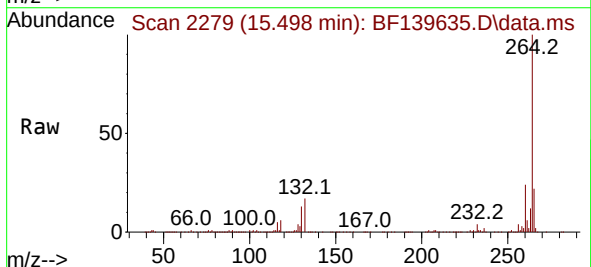
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

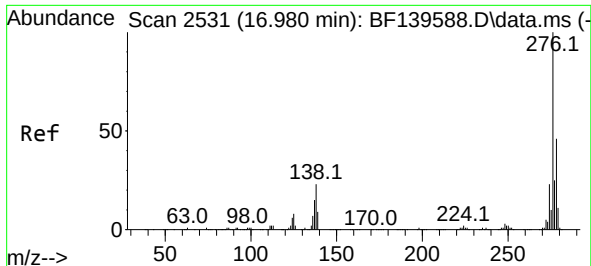
Tgt Ion:149 Resp: 784327  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.4 10.2 15.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.498 min Scan# 2279  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:264 Resp: 213119  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.7 28.1  
265 21.6 16.9 25.3

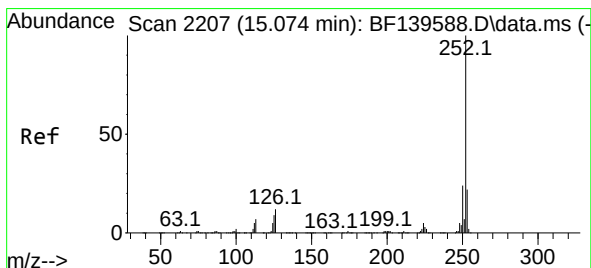
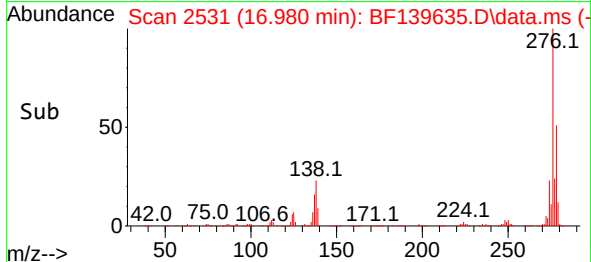
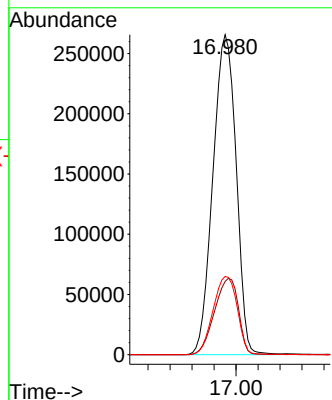
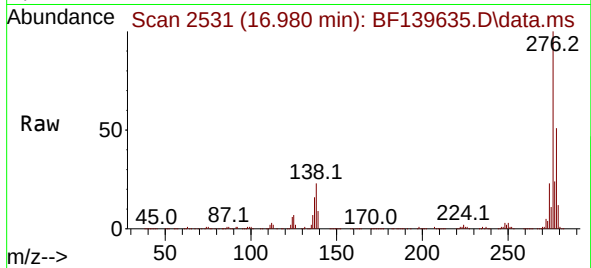




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 62.096 ng  
RT: 16.980 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

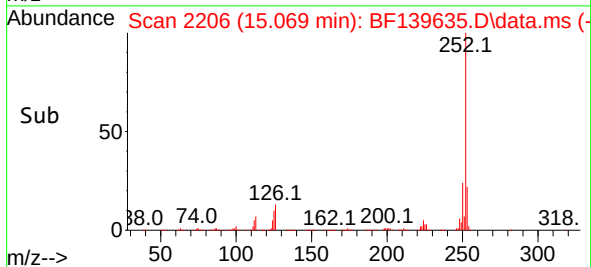
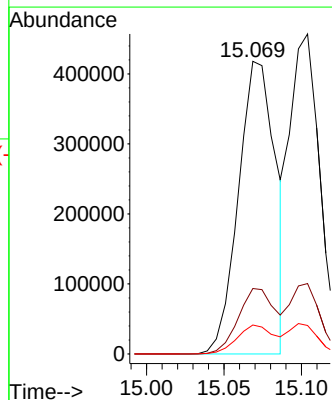
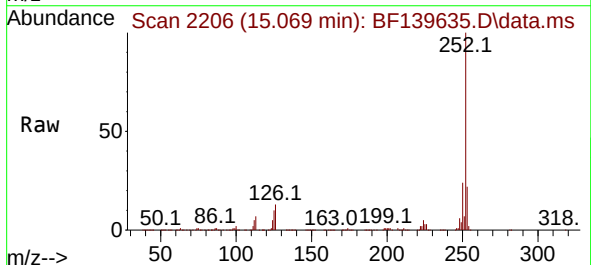
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

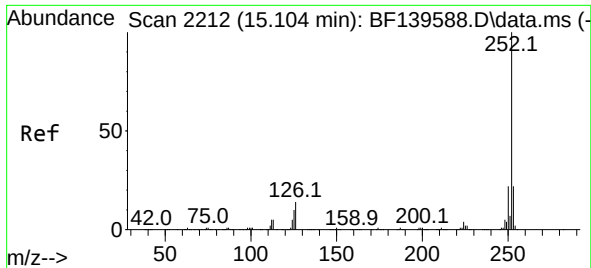
Tgt Ion:276 Resp: 778912  
Ion Ratio Lower Upper  
276 100  
138 24.7 19.4 29.0  
277 25.4 20.2 30.2



#88  
Benzo(b)fluoranthene  
Concen: 50.536 ng  
RT: 15.069 min Scan# 2206  
Delta R.T. -0.006 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:252 Resp: 696381  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.4 26.0  
125 9.9 7.4 11.0

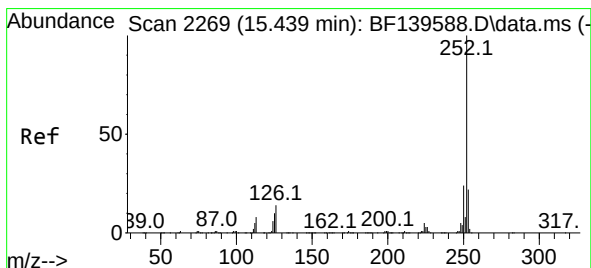
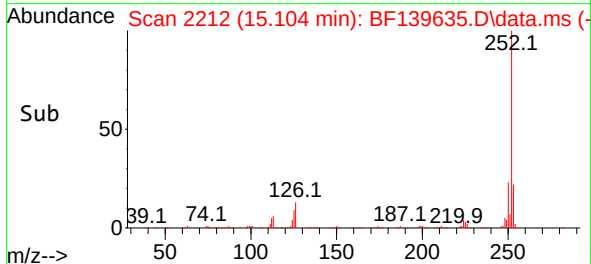
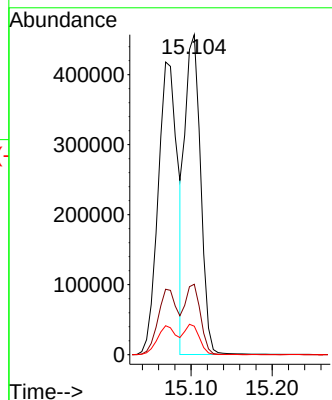
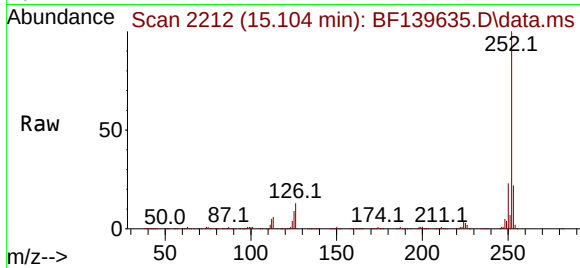




#89  
Benzo(k)fluoranthene  
Concen: 52.158 ng  
RT: 15.104 min Scan# 2212  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

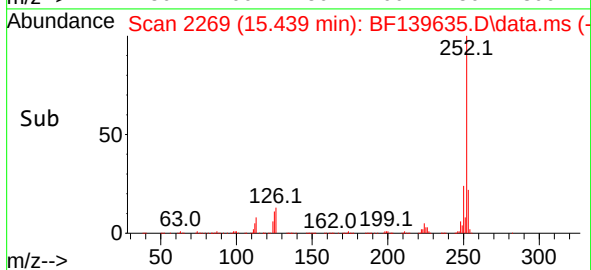
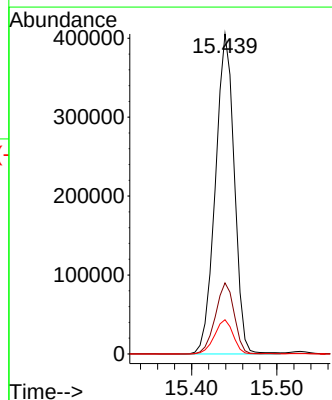
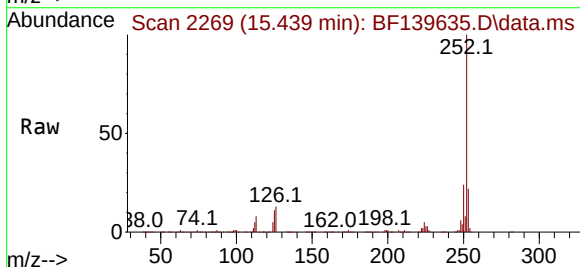
Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

Tgt Ion:252 Resp: 609678  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 8.9 7.6 11.4

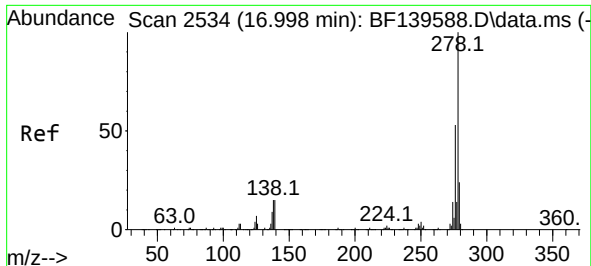


#90  
Benzo(a)pyrene  
Concen: 57.686 ng  
RT: 15.439 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:252 Resp: 626781  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 10.7 8.3 12.5



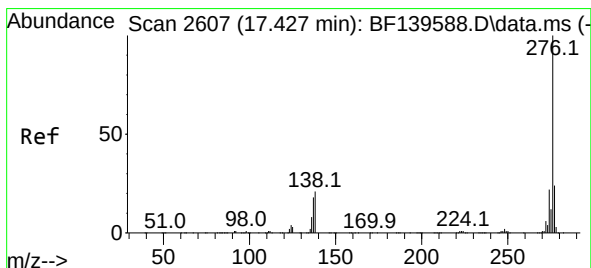
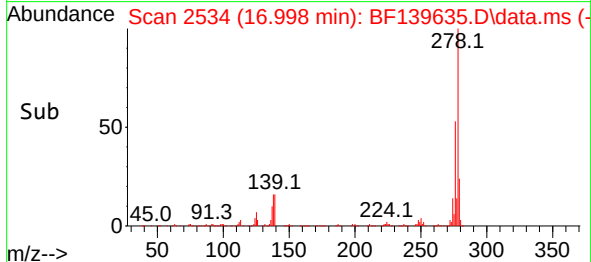
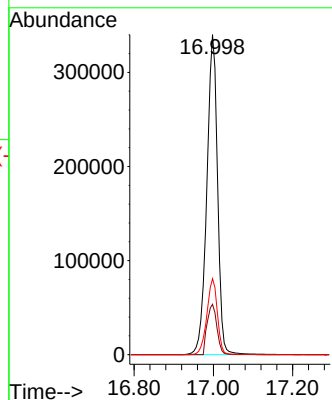
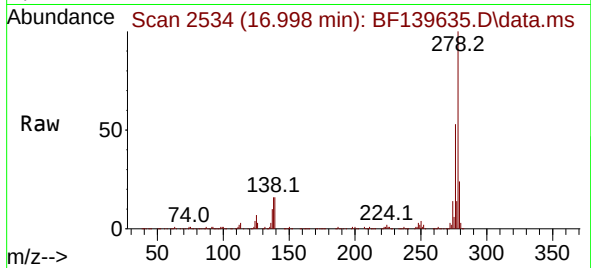




#91  
Dibenzo(a,h)anthracene  
Concen: 61.596 ng  
RT: 16.998 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Instrument :  
BNA\_F  
ClientSampleId :  
CONCRETE-WC-1MSD

Tgt Ion:278 Resp: 640835  
Ion Ratio Lower Upper  
278 100  
139 15.8 12.2 18.4  
279 23.8 19.2 28.8



#92  
Benzo(g,h,i)perylene  
Concen: 58.003 ng  
RT: 17.427 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: BF139635.D  
Acq: 03 Oct 2024 17:01

Tgt Ion:276 Resp: 605208  
Ion Ratio Lower Upper  
276 100  
277 23.2 19.0 28.6  
138 21.0 17.0 25.6

