

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121322\  
 Data File : BF131610.D  
 Acq On : 13 Dec 2022 12:59  
 Operator : CG\JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Dec 14 03:31:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 14 03:22:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 57270    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 193277   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 112841   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.433 | 188  | 215246   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 120444   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.592 | 264  | 109042   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 290717   | 84.686 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 379974   | 84.466 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 412574   | 80.703 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.733 | 330  | 101524   | 80.980 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 684934   | 76.534 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 723260   | 82.352 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.628  | 88   | 67101    | 43.305 | ng    | 96       |
| 3) Pyridine                   | 3.393  | 79   | 194348   | 45.176 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.357  | 42   | 91318    | 38.489 | ng    | 86       |
| 6) Aniline                    | 6.551  | 93   | 229365   | 42.633 | ng    | 100      |
| 8) 2-Chlorophenol             | 6.669  | 128  | 149543   | 41.106 | ng    | 97       |
| 9) Benzaldehyde               | 6.434  | 77   | 114700   | 37.219 | ng    | 97       |
| 10) Phenol                    | 6.534  | 94   | 225446   | 44.929 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 6.622  | 93   | 153006   | 40.678 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 6.822  | 146  | 167003   | 39.595 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.904  | 146  | 173227   | 40.717 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.057  | 146  | 159841   | 39.330 | ng    | 96       |
| 15) Benzyl Alcohol            | 7.028  | 79   | 167477   | 40.609 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.157  | 45   | 186862   | 38.459 | ng    | 99       |
| 17) 2-Methylphenol            | 7.145  | 107  | 137421   | 41.914 | ng    | 98       |
| 18) Hexachloroethane          | 7.398  | 117  | 67977    | 39.609 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 127457   | 37.785 | ng    | 99       |
| 20) 3+4-Methylphenols         | 7.298  | 107  | 186612   | 41.788 | ng    | # 77     |
| 22) Acetophenone              | 7.298  | 105  | 240173   | 39.653 | ng    | # 93     |
| 24) Nitrobenzene              | 7.475  | 77   | 209811   | 40.691 | ng    | 95       |
| 25) Isophorone                | 7.710  | 82   | 324521   | 39.410 | ng    | 98       |
| 26) 2-Nitrophenol             | 7.792  | 139  | 80007    | 45.502 | ng    | 89       |
| 27) 2,4-Dimethylphenol        | 7.828  | 122  | 112034   | 41.570 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.922  | 93   | 171303   | 40.214 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 8.033  | 162  | 138268   | 41.492 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 8.116  | 180  | 160053   | 39.165 | ng    | 100      |
| 31) Naphthalene               | 8.198  | 128  | 446883   | 41.051 | ng    | 100      |
| 32) Benzoic acid              | 7.945  | 122  | 91972    | 47.121 | ng    | 97       |
| 33) 4-Chloroaniline           | 8.251  | 127  | 173959   | 42.632 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.310  | 225  | 107972   | 37.488 | ng    | 98       |
| 35) Caprolactam               | 8.628  | 113  | 39561    | 45.893 | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 8.733  | 107  | 155761   | 41.625 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.892  | 142  | 294717   | 39.587 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.992  | 142  | 288292   | 40.339 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 9.057  | 216  | 165746   | 39.679 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 9.039  | 237  | 68877    | 32.486 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.169  | 196  | 106251   | 41.124 | ng    | 97       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 14 03:22:29 2022  
 Response via : Initial Calibration

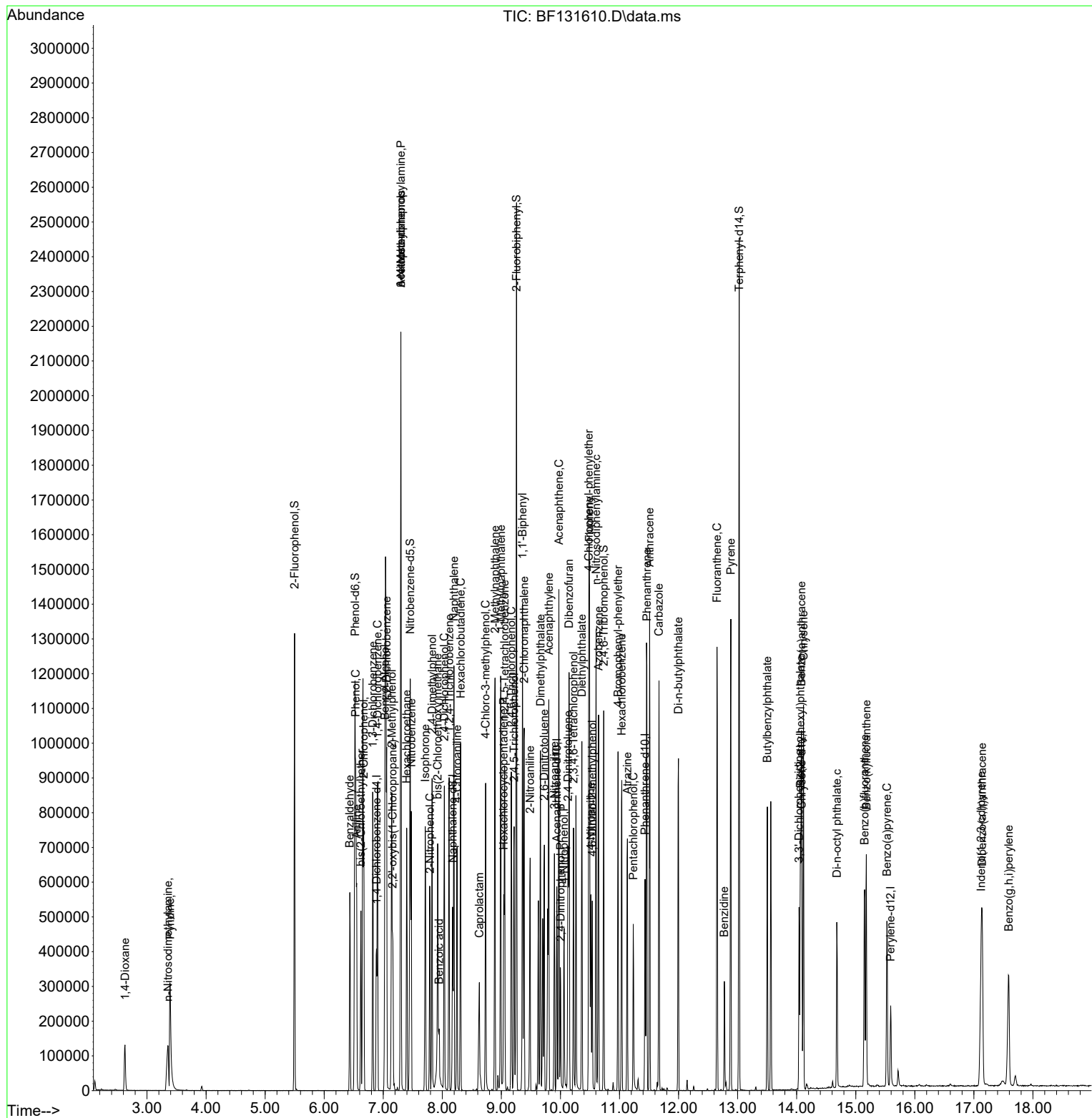
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.216  | 196  | 116922   | 42.080 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.357  | 154  | 356981   | 40.012 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.386  | 162  | 296657   | 40.811 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.486  | 65   | 108850   | 42.272 | ng    | # 82     |
| 49) Acenaphthylene            | 9.804  | 152  | 444037   | 41.604 | ng    | 99       |
| 50) Dimethylphthalate         | 9.663  | 163  | 342915   | 39.864 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.727  | 165  | 77028    | 43.375 | ng    | # 79     |
| 52) Acenaphthene              | 9.974  | 154  | 267888   | 37.467 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.898  | 138  | 77392    | 45.421 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 10.004 | 184  | 39598    | 41.053 | ng    | 92       |
| 55) Dibenzofuran              | 10.145 | 168  | 411228   | 40.705 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.063 | 139  | 56571    | 47.793 | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 10.127 | 165  | 104058   | 44.172 | ng    | 98       |
| 58) Fluorene                  | 10.492 | 166  | 333495   | 40.606 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.222 | 232  | 85477    | 36.328 | ng    | 96       |
| 60) Diethylphthalate          | 10.363 | 149  | 321314   | 38.924 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.480 | 204  | 172439   | 37.993 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.516 | 138  | 80091    | 47.435 | ng    | 90       |
| 63) Azobenzene                | 10.645 | 77   | 358626   | 38.090 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 10.539 | 198  | 59774    | 43.845 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 10.604 | 169  | 273321   | 39.277 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 10.974 | 248  | 99731    | 36.017 | ng    | 95       |
| 68) Hexachlorobenzene         | 11.039 | 284  | 114616   | 38.268 | ng    | 100      |
| 69) Atrazine                  | 11.133 | 200  | 91511    | 41.412 | ng    | 95       |
| 70) Pentachlorophenol         | 11.233 | 266  | 53555    | 34.733 | ng    | 96       |
| 71) Phenanthrene              | 11.463 | 178  | 490166   | 40.855 | ng    | 99       |
| 72) Anthracene                | 11.510 | 178  | 479589   | 41.087 | ng    | 100      |
| 73) Carbazole                 | 11.668 | 167  | 407383   | 42.758 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.998 | 149  | 455790   | 38.994 | ng    | 99       |
| 75) Fluoranthene              | 12.651 | 202  | 525795   | 42.560 | ng    | 99       |
| 77) Benzidine                 | 12.774 | 184  | 110346   | 34.193 | ng    | 99       |
| 78) Pyrene                    | 12.886 | 202  | 531449   | 44.748 | ng    | 100      |
| 80) Butylbenzylphthalate      | 13.504 | 149  | 157035   | 45.690 | ng    | 94       |
| 81) Benzo(a)anthracene        | 14.080 | 228  | 377961   | 43.454 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 14.039 | 252  | 100916   | 40.779 | ng    | 97       |
| 83) Chrysene                  | 14.115 | 228  | 354107   | 42.823 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.062 | 149  | 165628   | 36.171 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 14.680 | 149  | 219112   | 30.673 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 17.121 | 276  | 347658   | 39.067 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.151 | 252  | 288779   | 40.182 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.180 | 252  | 289735   | 38.625 | ng    | 99       |
| 90) Benzo(a)pyrene            | 15.527 | 252  | 247466   | 40.348 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene    | 17.139 | 278  | 286956   | 39.180 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.592 | 276  | 287152   | 39.011 | ng    | 99       |

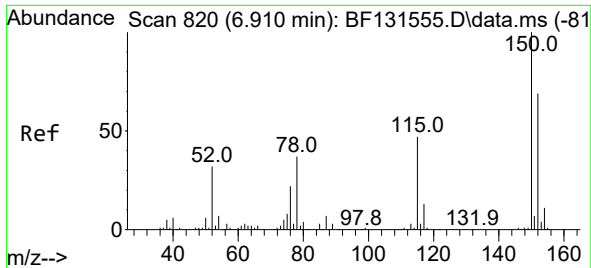
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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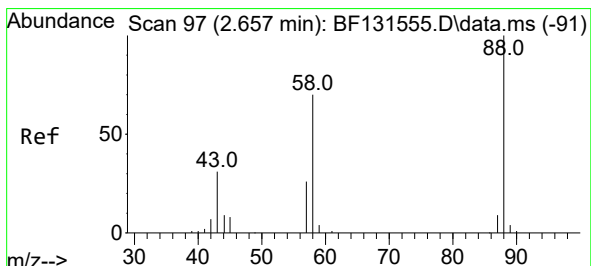
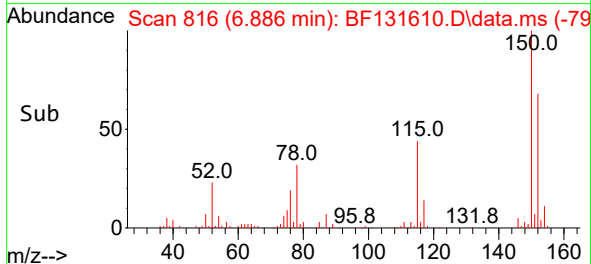
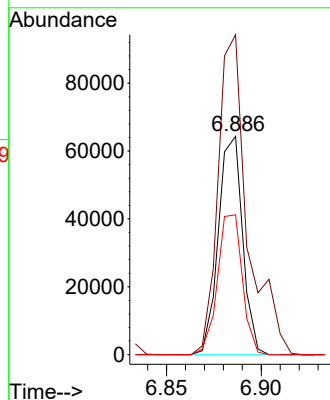
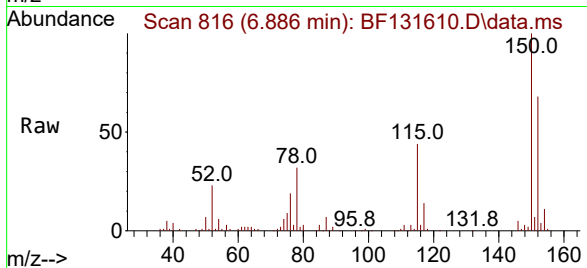




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

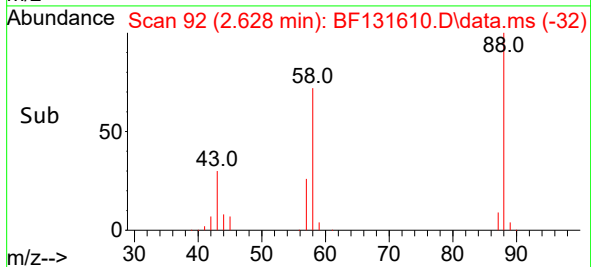
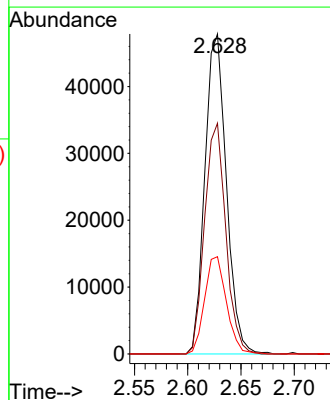
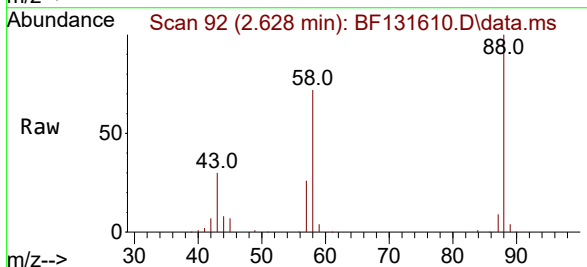
Instrument :  
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 SSTDCCC040

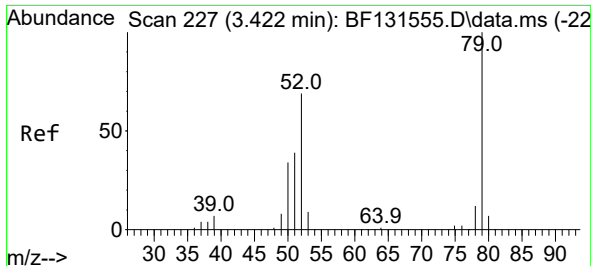
Tgt Ion:152 Resp: 57270  
 Ion Ratio Lower Upper  
 152 100  
 150 146.5 116.7 175.1  
 115 64.0 54.6 82.0



#2  
 1,4-Dioxane  
 Concen: 43.305 ng  
 RT: 2.628 min Scan# 92  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

Tgt Ion: 88 Resp: 67101  
 Ion Ratio Lower Upper  
 88 100  
 58 71.1 60.0 90.0  
 43 31.0 26.7 40.1

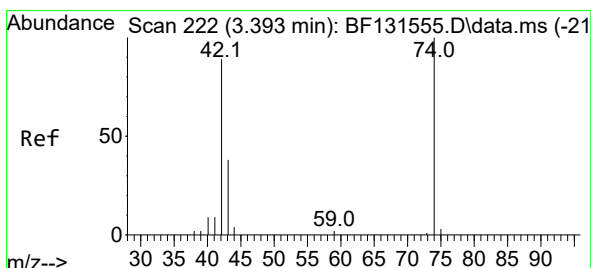
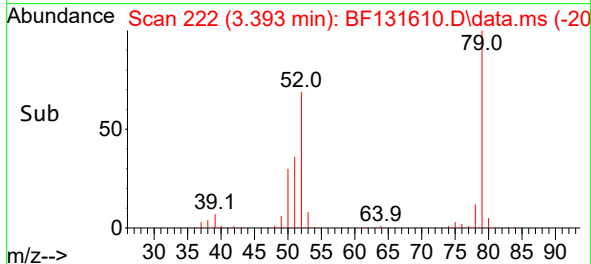
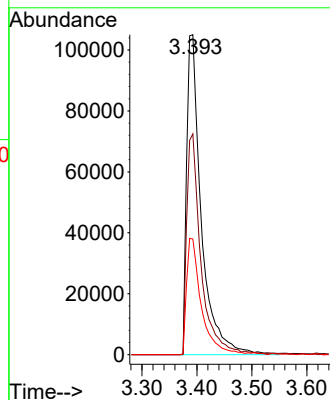
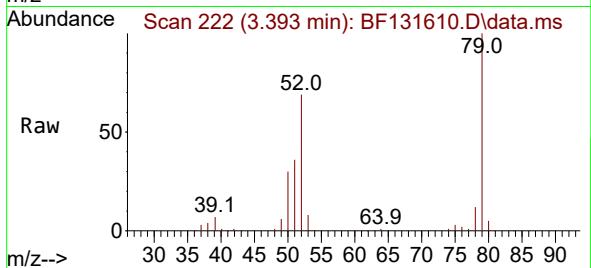




#3  
Pyridine  
Concen: 45.176 ng  
RT: 3.393 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

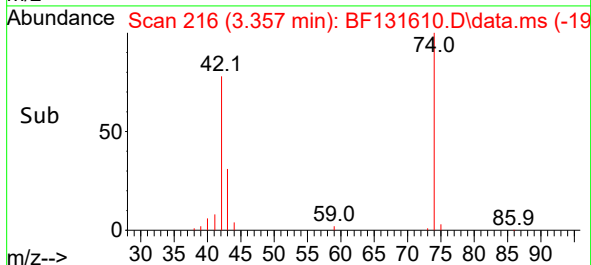
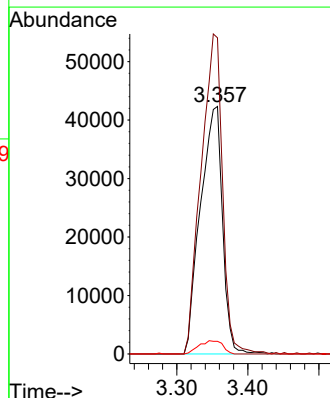
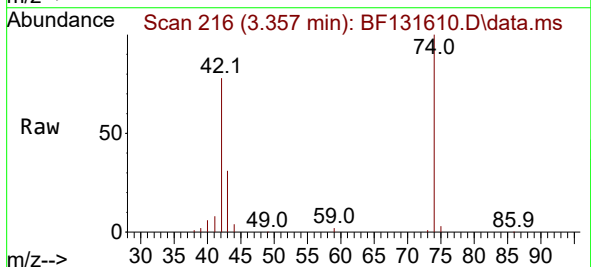
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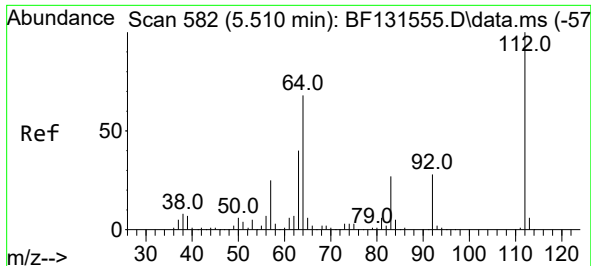
Tgt Ion: 79 Resp: 194348  
Ion Ratio Lower Upper  
79 100  
52 69.0 55.0 82.6  
51 36.1 31.4 47.2



#4  
n-Nitrosodimethylamine  
Concen: 38.489 ng  
RT: 3.357 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion: 42 Resp: 91318  
Ion Ratio Lower Upper  
42 100  
74 127.8 90.2 135.2  
44 5.1 3.7 5.5

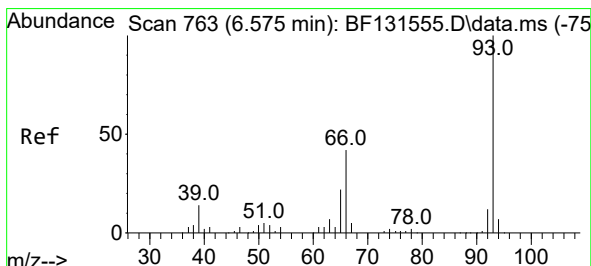
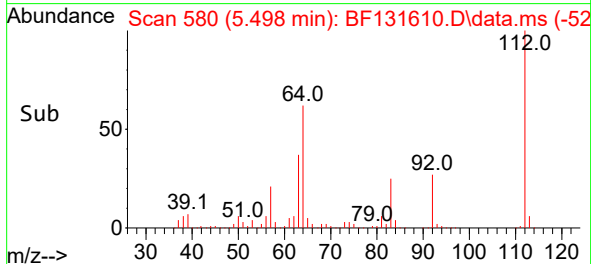
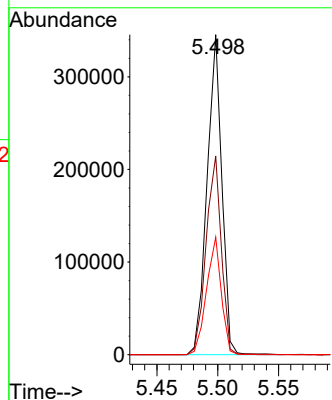
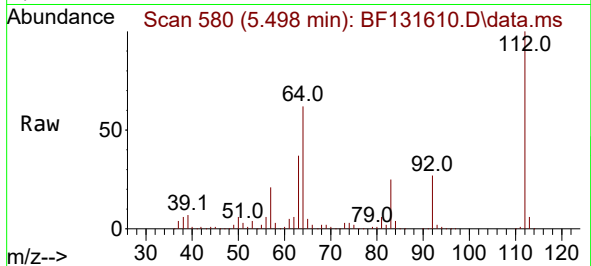




#5  
2-Fluorophenol  
Concen: 84.686 ng  
RT: 5.498 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

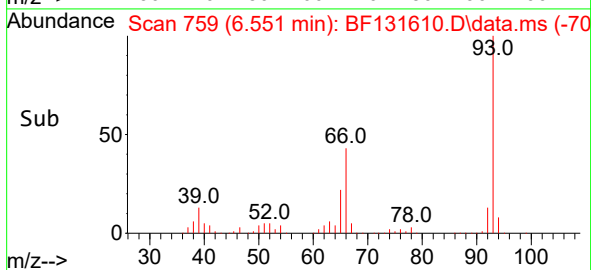
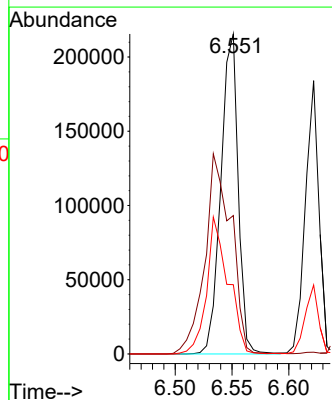
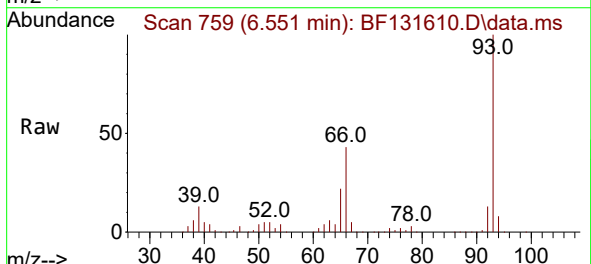
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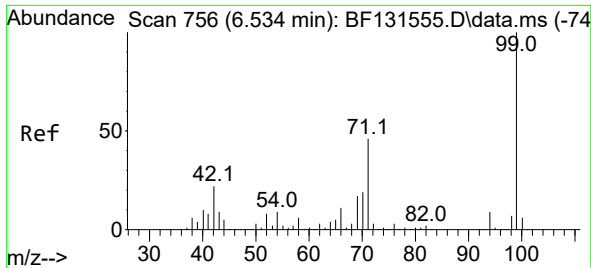
Tgt Ion:112 Resp: 290717  
Ion Ratio Lower Upper  
112 100  
64 62.1 54.5 81.7  
63 36.7 31.9 47.9



#6  
Aniline  
Concen: 42.633 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion: 93 Resp: 229365  
Ion Ratio Lower Upper  
93 100  
66 43.3 34.6 51.8  
65 21.6 17.7 26.5

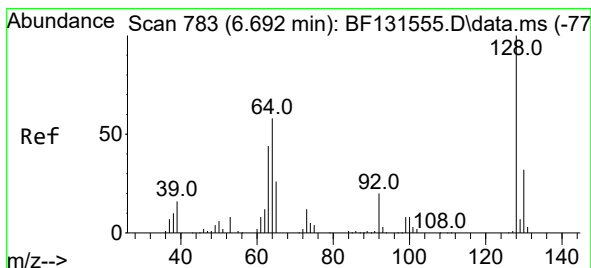
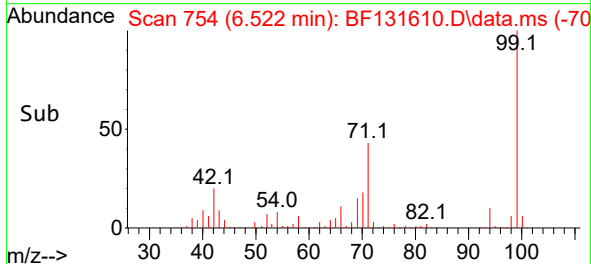
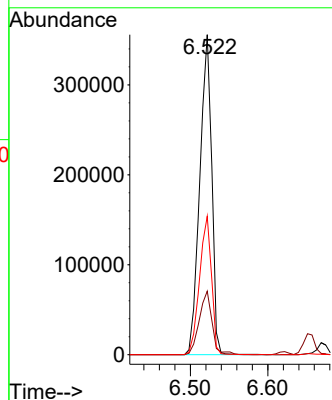
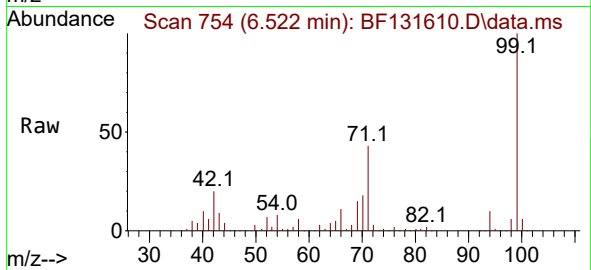




#7  
Phenol-d6  
Concen: 84.466 ng  
RT: 6.522 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

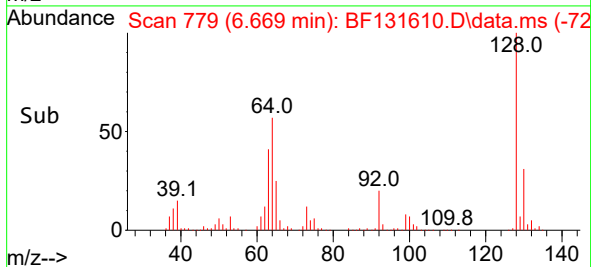
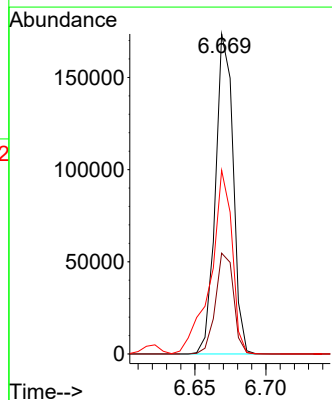
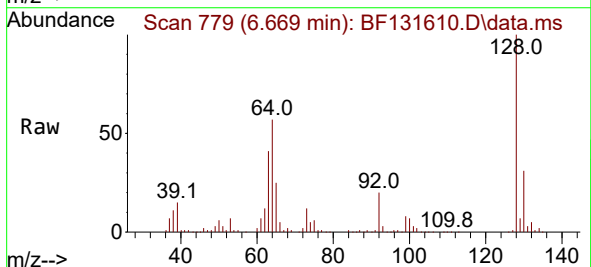
Instrument :  
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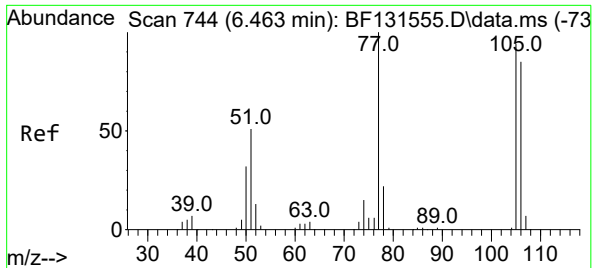
Tgt Ion: 99 Resp: 379974  
Ion Ratio Lower Upper  
99 100  
42 19.9 17.9 26.9  
71 43.3 37.2 55.8



#8  
2-Chlorophenol  
Concen: 41.106 ng  
RT: 6.669 min Scan# 779  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion: 128 Resp: 149543  
Ion Ratio Lower Upper  
128 100  
130 31.5 11.6 51.6  
64 57.4 40.6 80.6

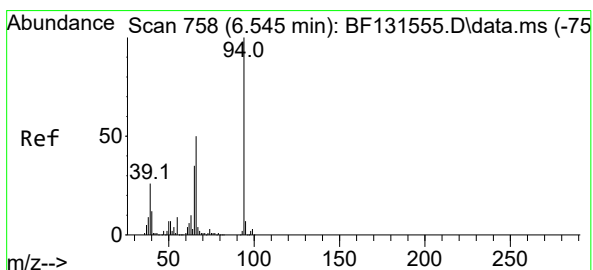
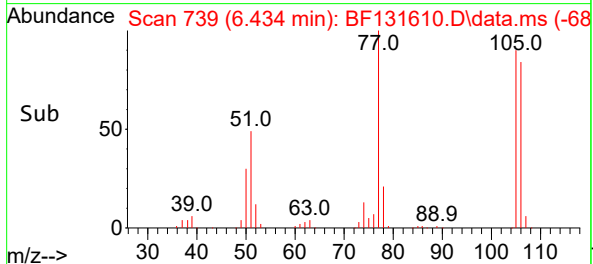
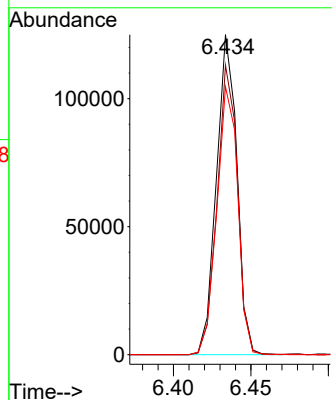
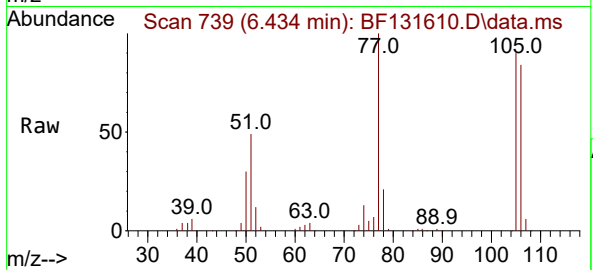




#9  
Benzaldehyde  
Concen: 37.219 ng  
RT: 6.434 min Scan# 710  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

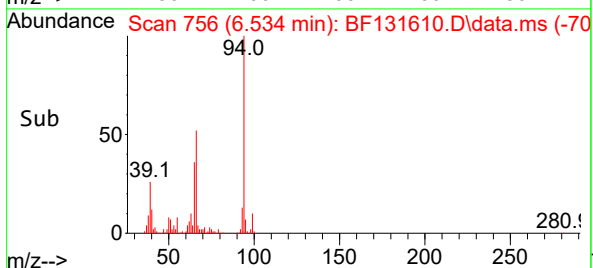
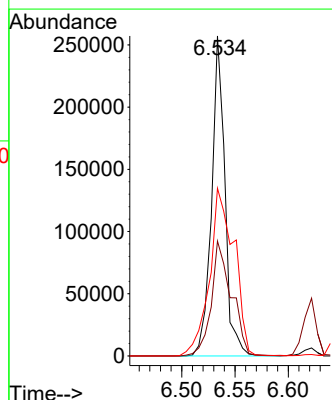
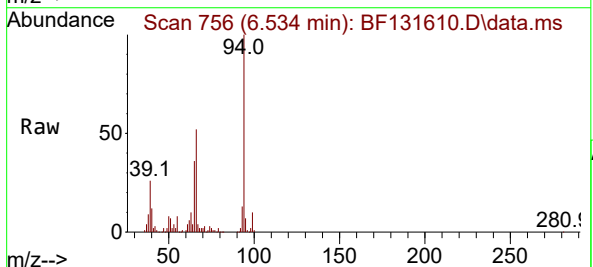
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

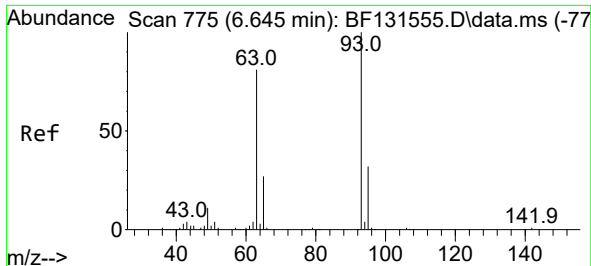
Tgt Ion: 77 Resp: 114700  
Ion Ratio Lower Upper  
77 100  
105 90.4 73.8 113.8  
106 83.7 65.2 105.2



#10  
Phenol  
Concen: 44.929 ng  
RT: 6.534 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion: 94 Resp: 225446  
Ion Ratio Lower Upper  
94 100  
65 35.9 14.8 54.8  
66 52.4 30.8 70.8

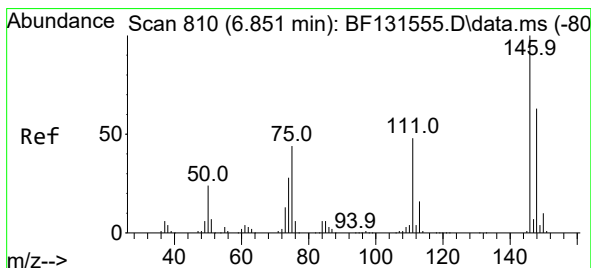
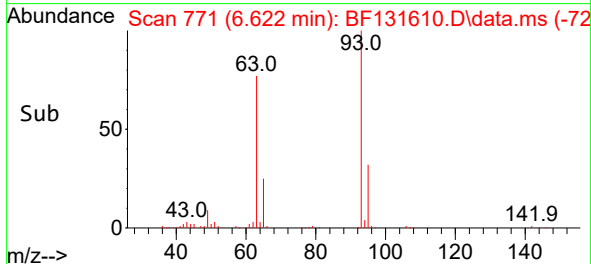
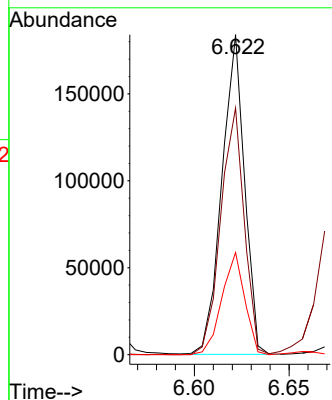
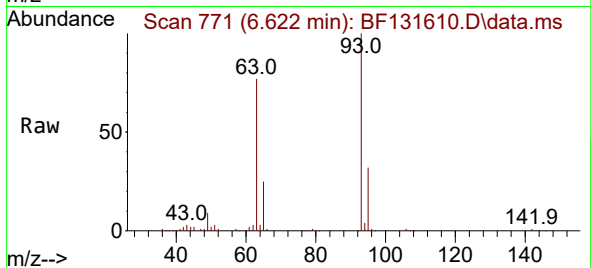




#11  
bis(2-Chloroethyl)ether  
Concen: 40.678 ng  
RT: 6.622 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

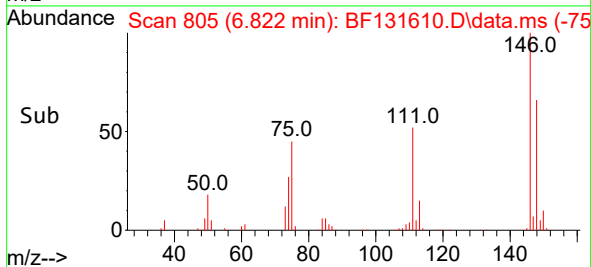
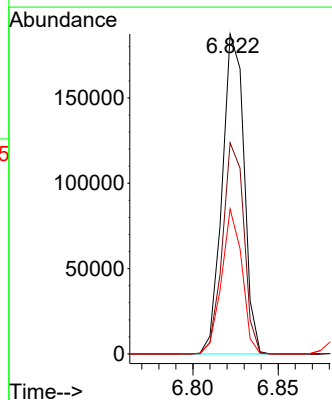
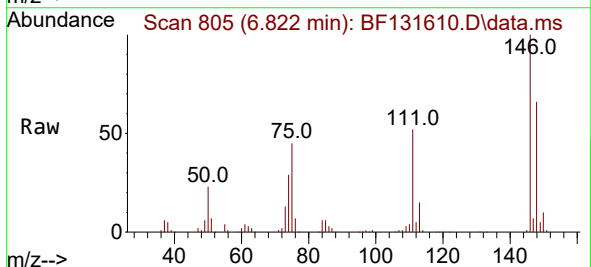
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

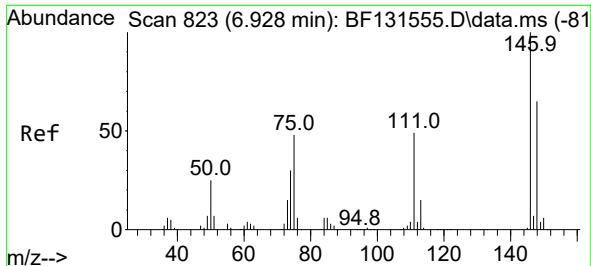
Tgt Ion: 93 Resp: 153006  
Ion Ratio Lower Upper  
93 100  
63 77.1 60.4 100.4  
95 32.0 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 39.595 ng  
RT: 6.822 min Scan# 805  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion: 146 Resp: 167003  
Ion Ratio Lower Upper  
146 100  
148 66.0 50.7 76.1  
75 45.3 35.1 52.7

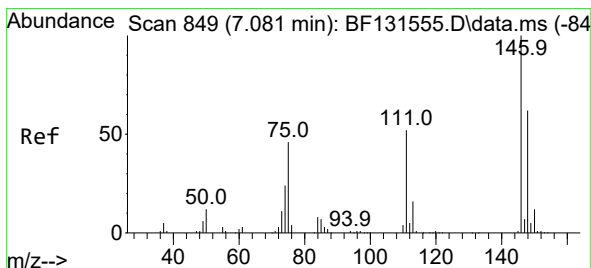
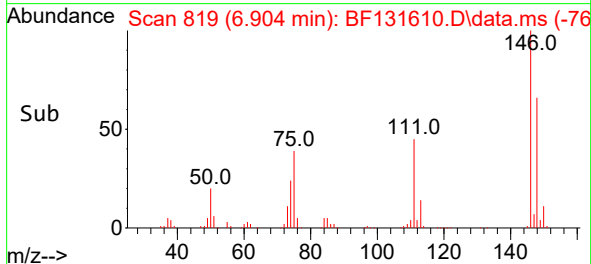
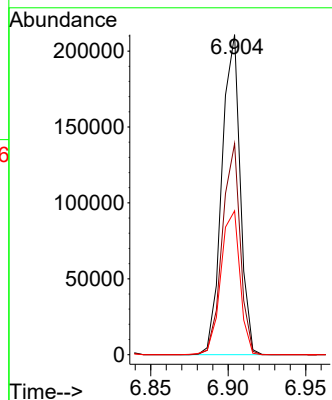
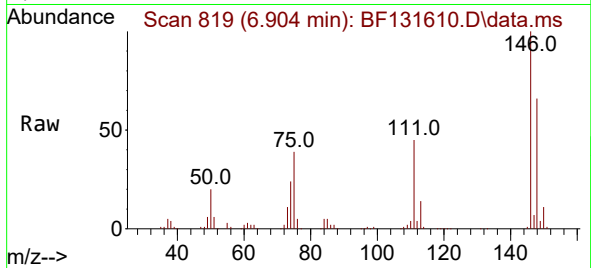




#13  
1,4-Dichlorobenzene  
Concen: 40.717 ng  
RT: 6.904 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

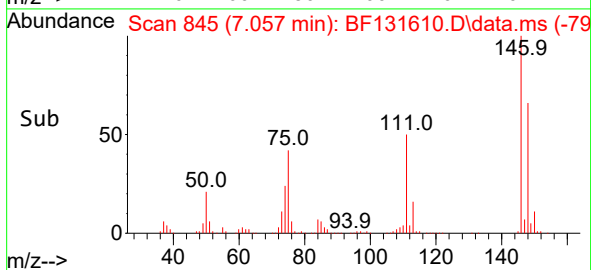
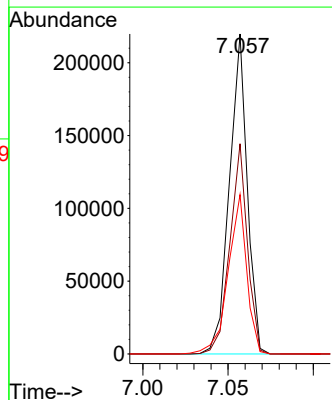
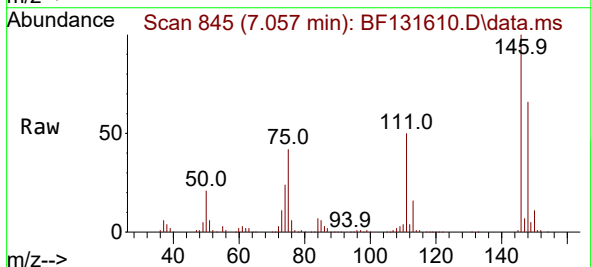
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

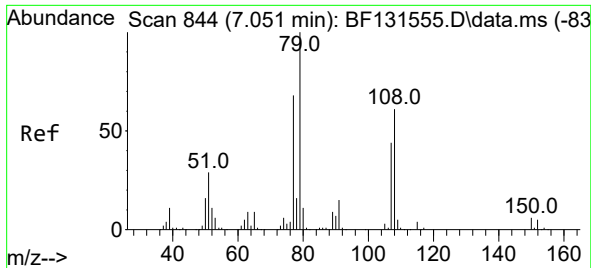
Tgt Ion:146 Resp: 173227  
Ion Ratio Lower Upper  
146 100  
148 66.0 51.8 77.6  
111 45.0 38.9 58.3



#14  
1,2-Dichlorobenzene  
Concen: 39.330 ng  
RT: 7.057 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:146 Resp: 159841  
Ion Ratio Lower Upper  
146 100  
148 65.7 49.9 74.9  
111 49.8 41.8 62.6

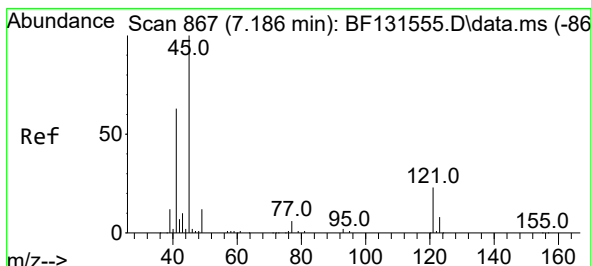
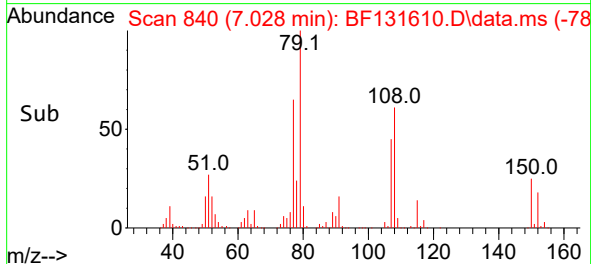
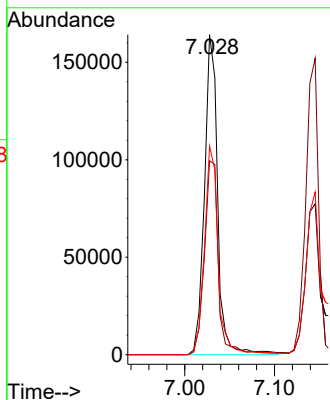
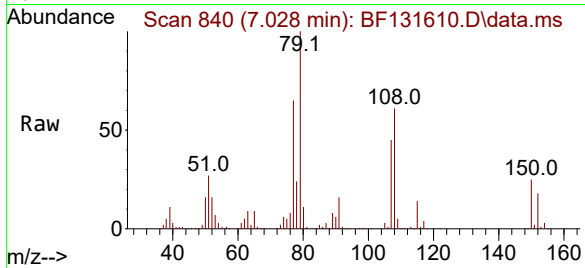




#15  
Benzyl Alcohol  
Concen: 40.609 ng  
RT: 7.028 min Scan# 844  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

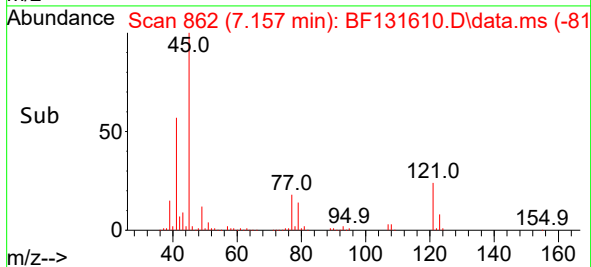
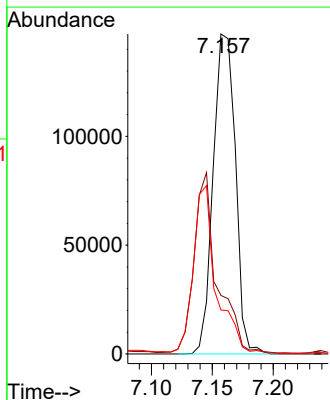
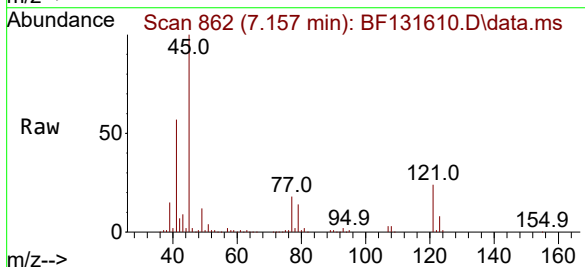
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

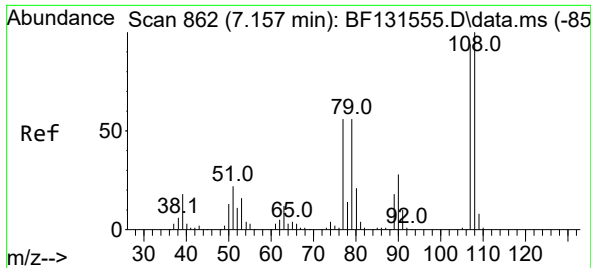
Tgt Ion: 79 Resp: 167477  
Ion Ratio Lower Upper  
79 100  
108 60.6 49.2 73.8  
77 65.2 54.5 81.7



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.459 ng  
RT: 7.157 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion: 45 Resp: 186862  
Ion Ratio Lower Upper  
45 100  
77 18.3 0.0 37.7  
79 13.7 0.0 33.6

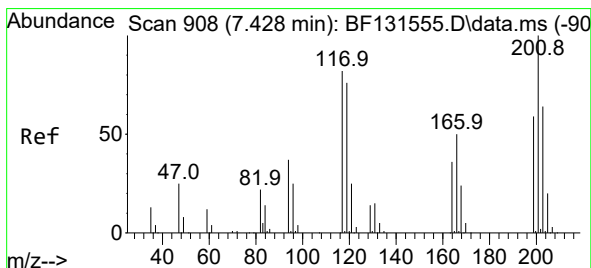
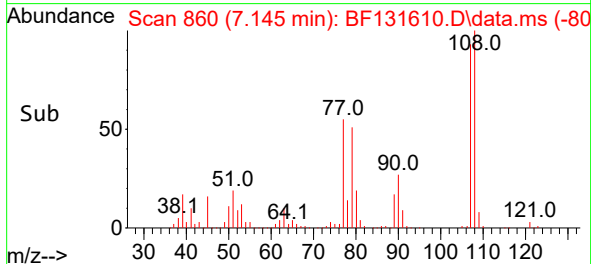
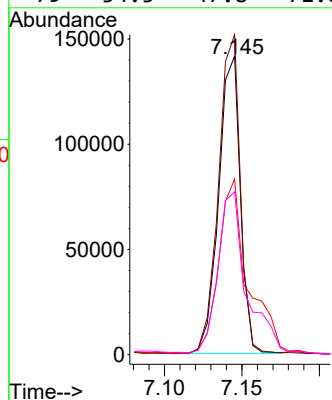
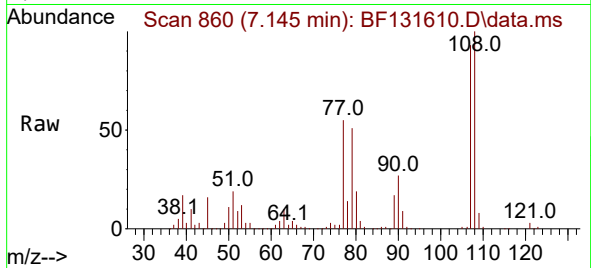




#17  
2-Methylphenol  
Concen: 41.914 ng  
RT: 7.145 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

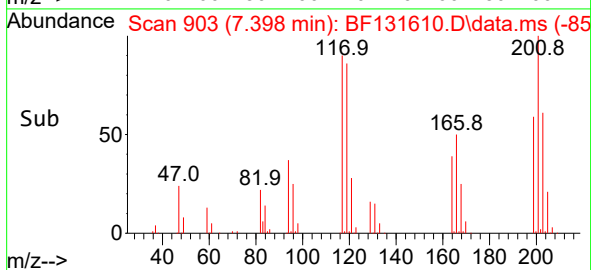
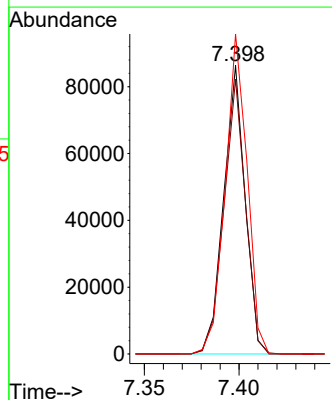
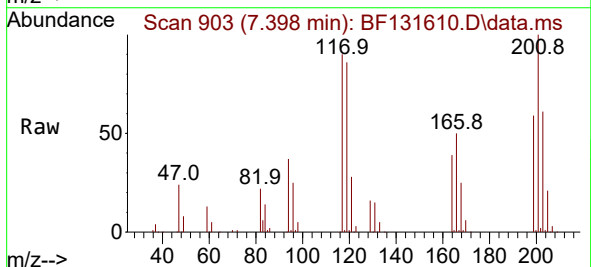
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

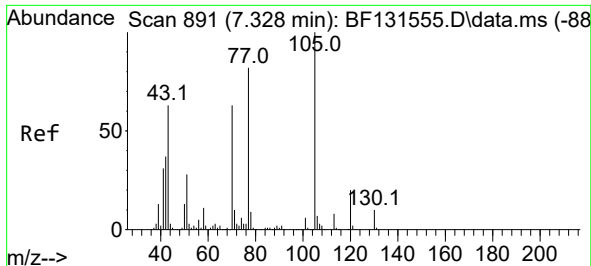
Tgt Ion:107 Resp: 137421  
Ion Ratio Lower Upper  
107 100  
108 107.1 85.5 128.3  
77 58.7 48.2 72.4  
79 54.5 47.8 71.8



#18  
Hexachloroethane  
Concen: 39.609 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:117 Resp: 67977  
Ion Ratio Lower Upper  
117 100  
119 95.3 75.0 112.4  
201 110.9 98.0 147.0





#19

n-Nitroso-di-n-propylamine

Concen: 37.785 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 127457

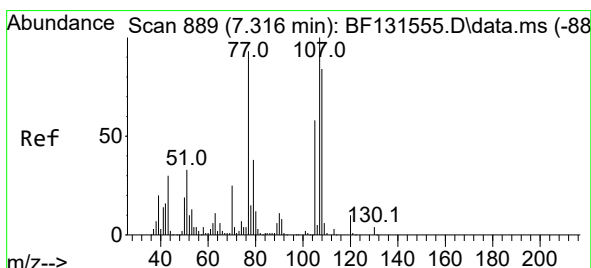
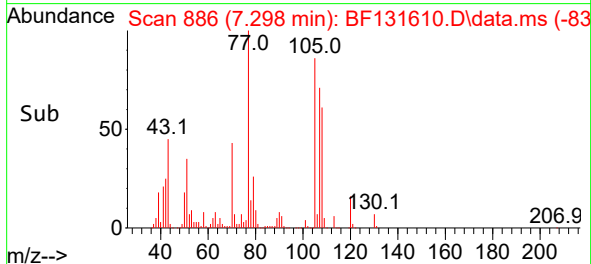
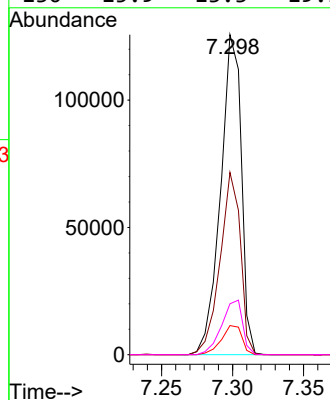
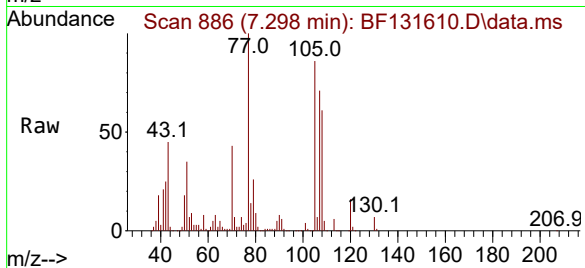
Ion Ratio Lower Upper

70 100

42 56.9 46.4 69.6

101 9.1 7.2 10.8

130 15.9 13.3 19.9



#20

3+4-Methylphenols

Concen: 41.788 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Tgt Ion: 107 Resp: 186612

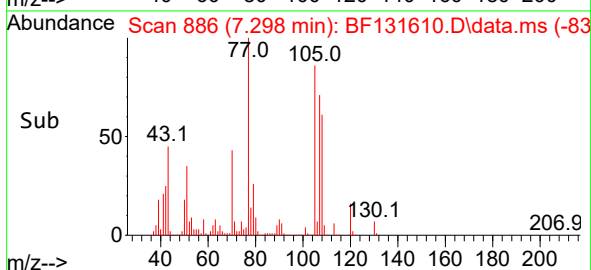
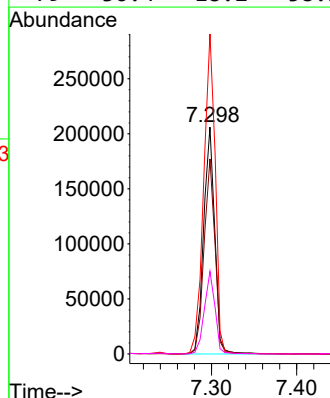
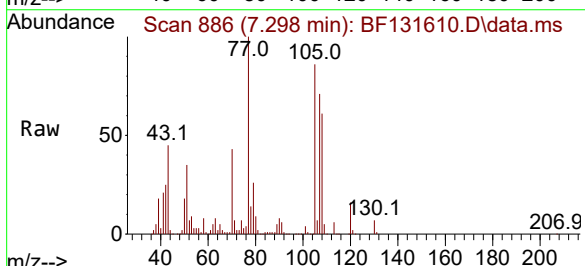
Ion Ratio Lower Upper

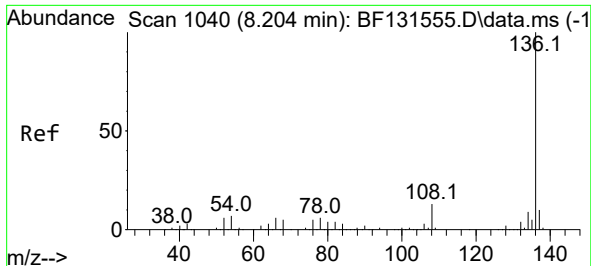
107 100

108 86.0 64.0 104.0

77 141.0 73.1 113.1#

79 36.4 18.2 58.2

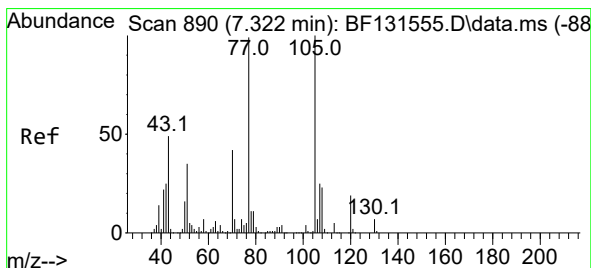
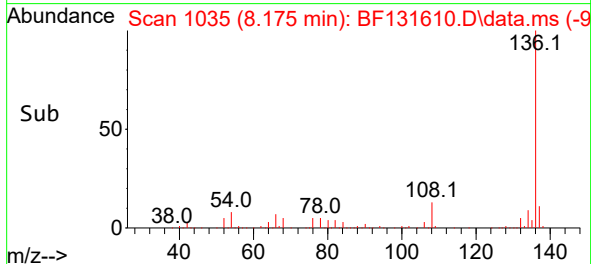
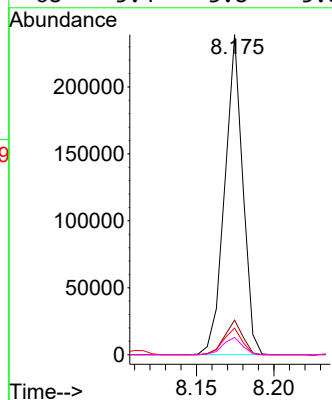
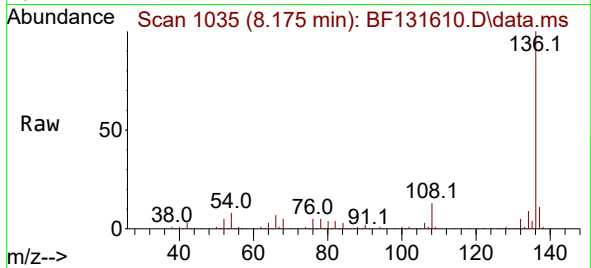




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

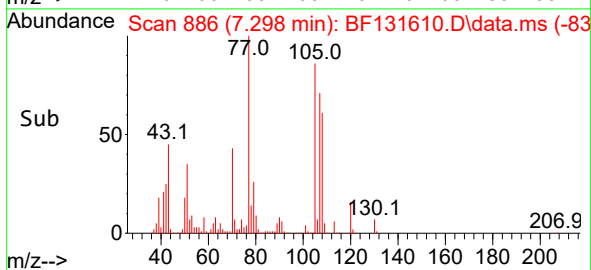
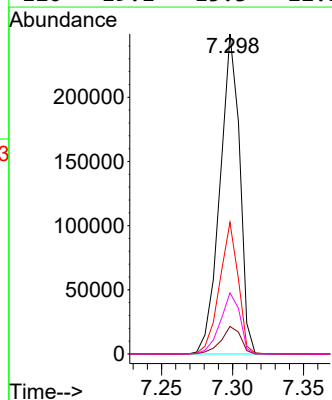
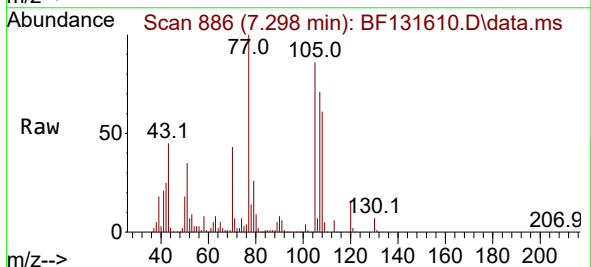
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

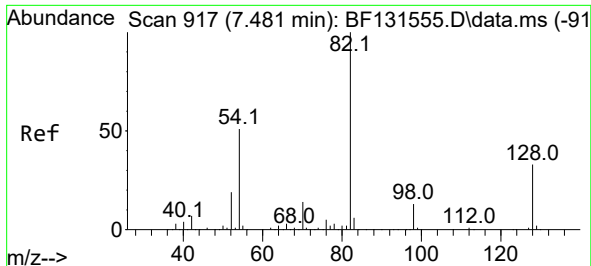
Tgt Ion:136 Resp: 193277  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.1 12.1  
54 8.3 6.0 9.0  
68 5.4 3.8 5.8



#22  
Acetophenone  
Concen: 39.653 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:105 Resp: 240173  
Ion Ratio Lower Upper  
105 100  
71 8.6 5.4 8.0#  
51 41.1 27.8 41.6  
120 19.1 15.3 22.9





#23

Nitrobenzene-d5

Concen: 80.703 ng

RT: 7.457 min Scan# 916

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

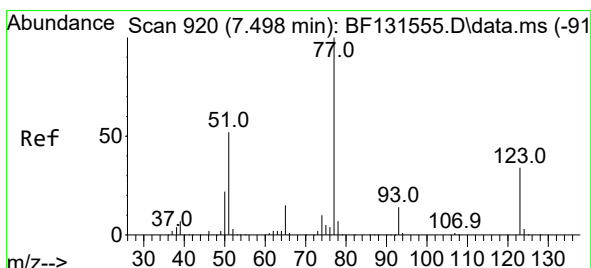
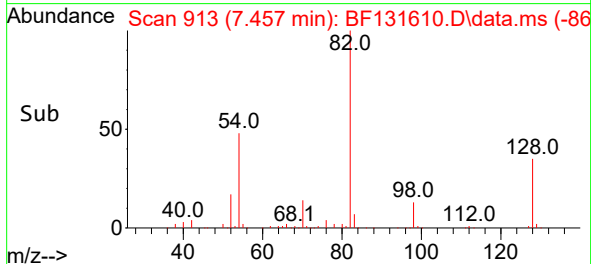
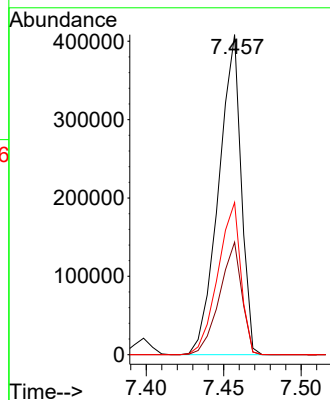
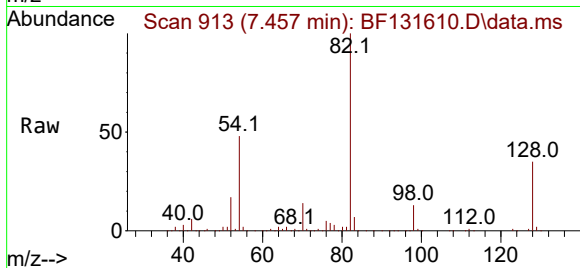
Tgt Ion: 82 Resp: 412574

Ion Ratio Lower Upper

82 100

128 35.2 26.1 39.1

54 47.6 40.6 60.8



#24

Nitrobenzene

Concen: 40.691 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

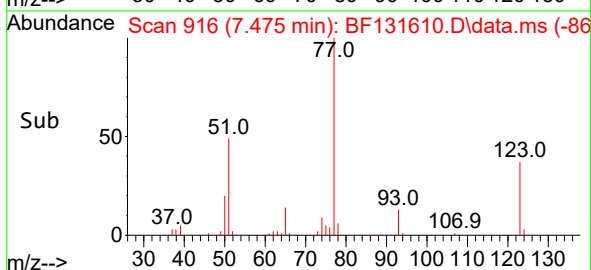
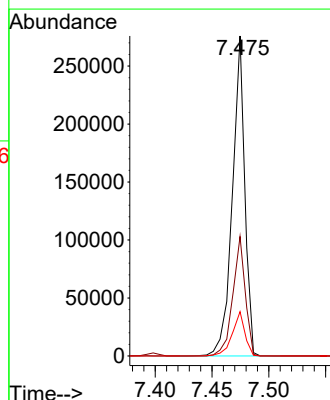
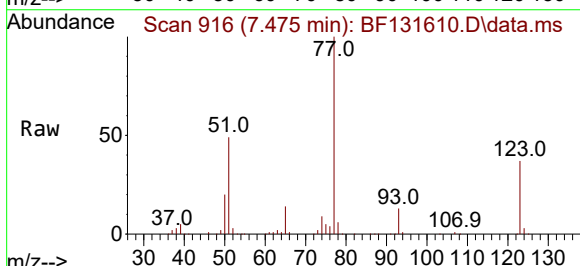
Tgt Ion: 77 Resp: 209811

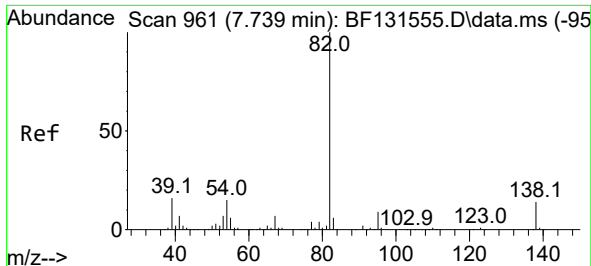
Ion Ratio Lower Upper

77 100

123 37.3 27.1 40.7

65 13.9 11.9 17.9

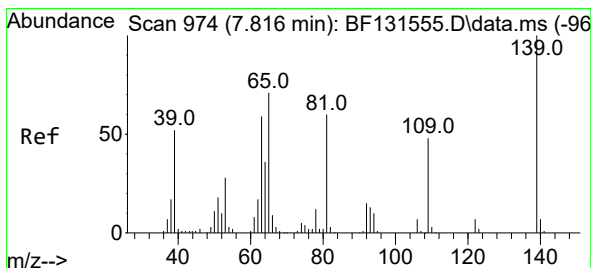
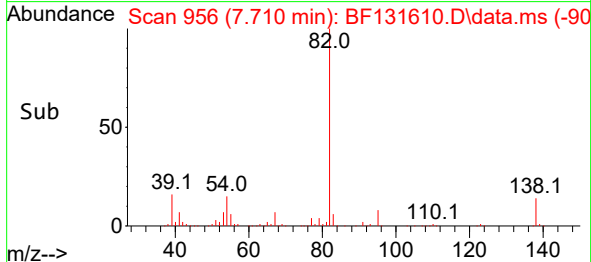
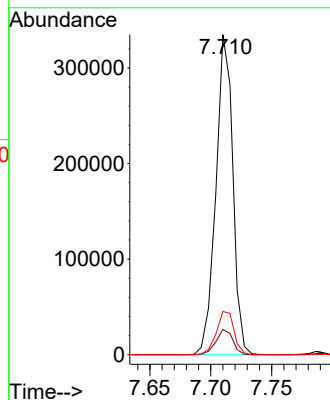
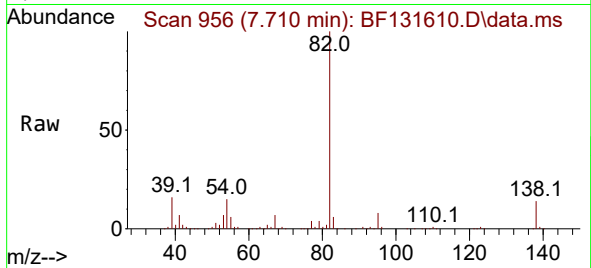




#25  
Isophorone  
Concen: 39.410 ng  
RT: 7.710 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

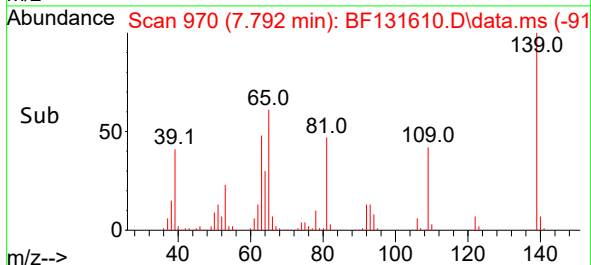
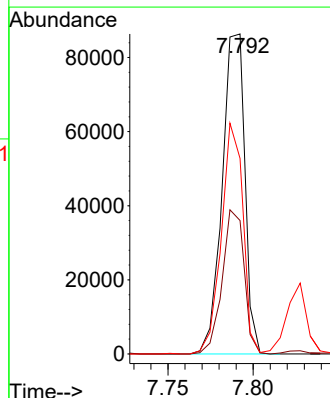
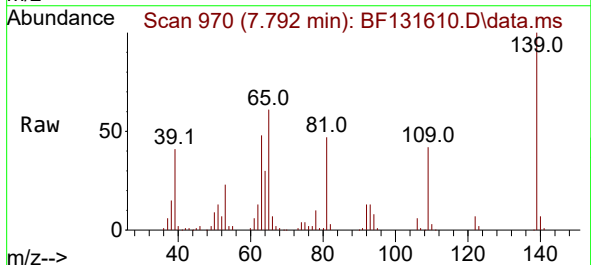
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

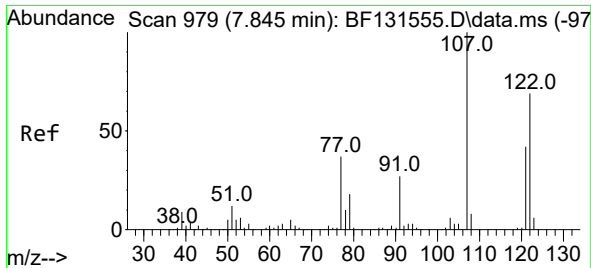
Tgt Ion: 82 Resp: 324521  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.9 10.3  
138 13.5 11.4 17.0



#26  
2-Nitrophenol  
Concen: 45.502 ng  
RT: 7.792 min Scan# 970  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:139 Resp: 80007  
Ion Ratio Lower Upper  
139 100  
109 41.7 38.6 58.0  
65 61.1 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 41.570 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

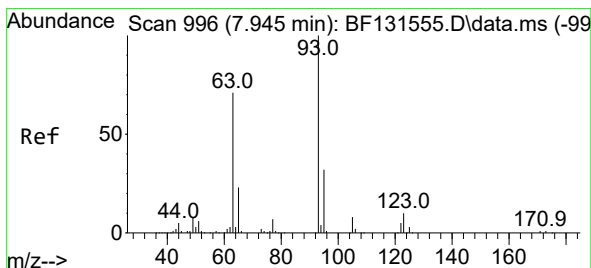
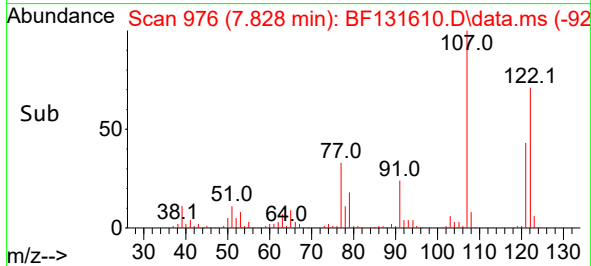
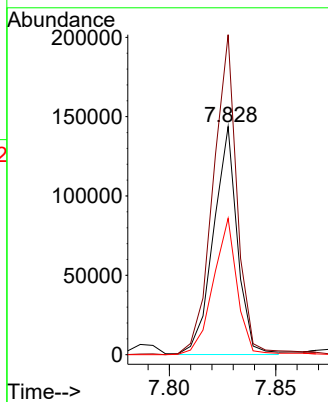
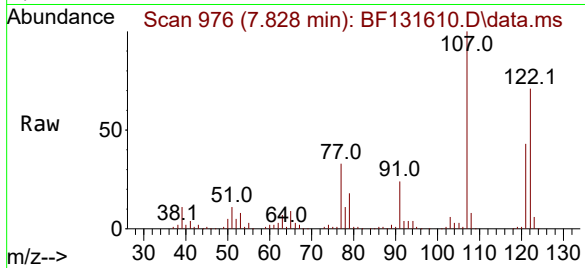
Tgt Ion:122 Resp: 112034

Ion Ratio Lower Upper

122 100

107 140.2 114.2 171.2

121 59.7 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 40.214 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

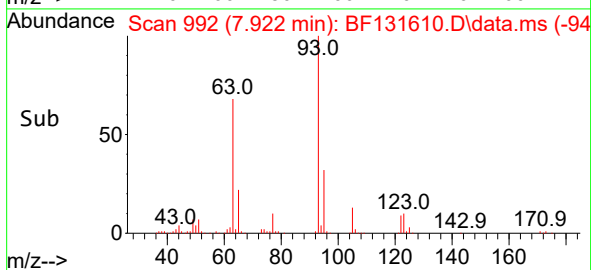
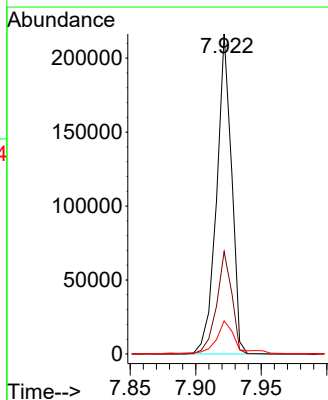
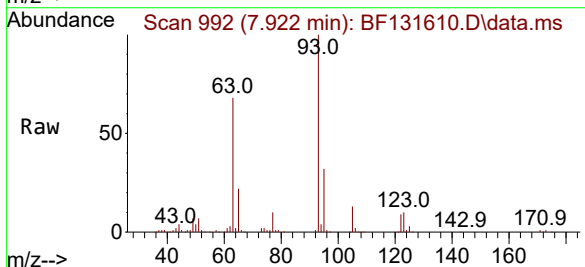
Tgt Ion: 93 Resp: 171303

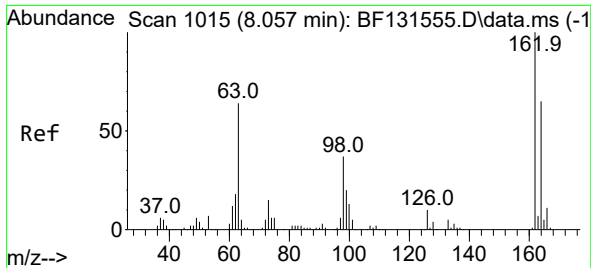
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

123 10.4 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 41.492 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

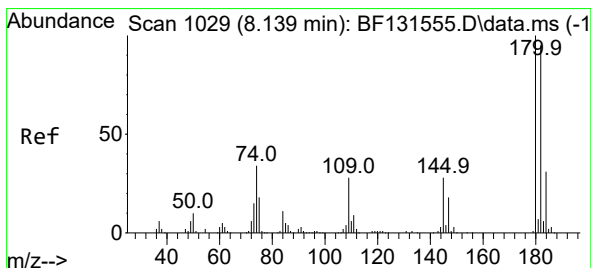
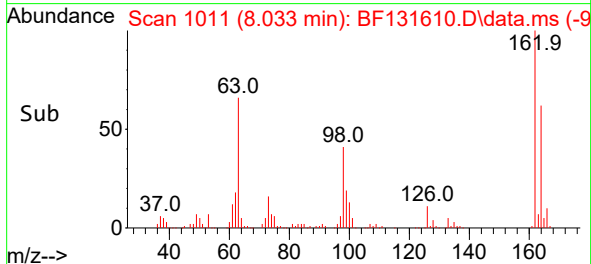
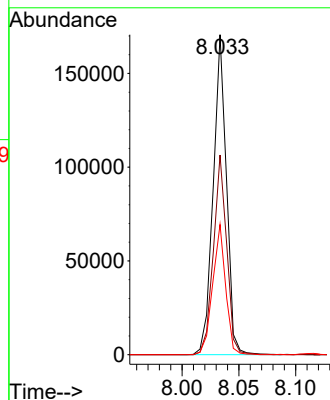
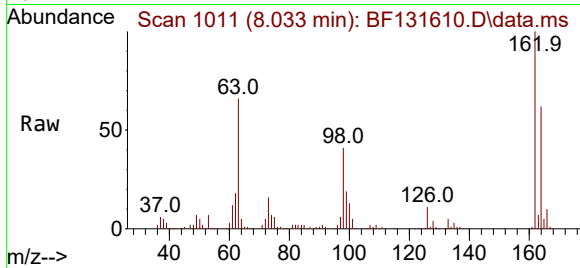
Tgt Ion:162 Resp: 138268

Ion Ratio Lower Upper

162 100

164 62.4 45.0 85.0

98 40.7 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 39.165 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

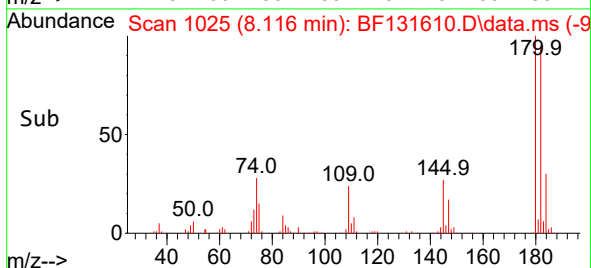
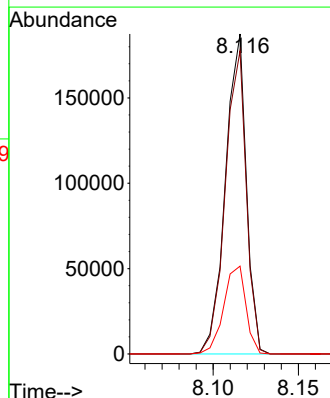
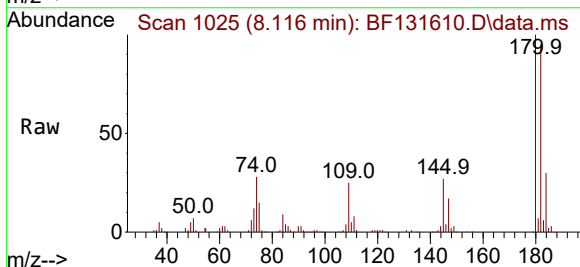
Tgt Ion:180 Resp: 160053

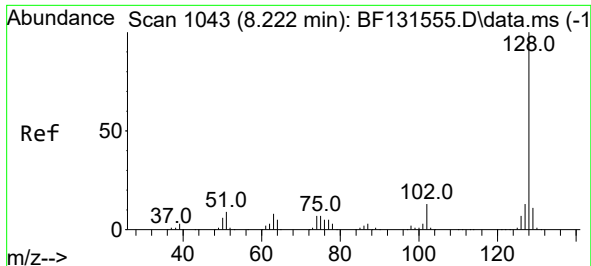
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 27.4 22.4 33.6

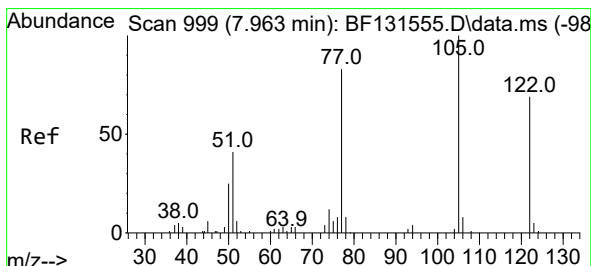
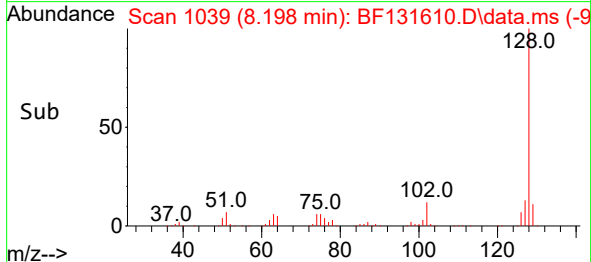
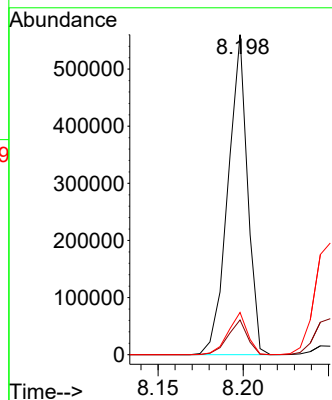
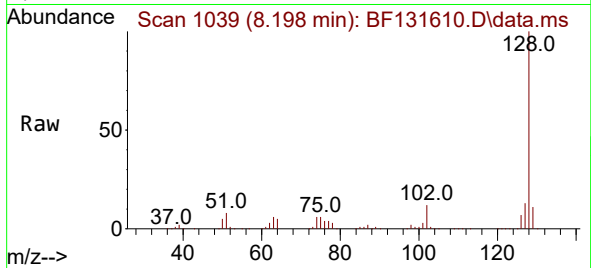




#31  
Naphthalene  
Concen: 41.051 ng  
RT: 8.198 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

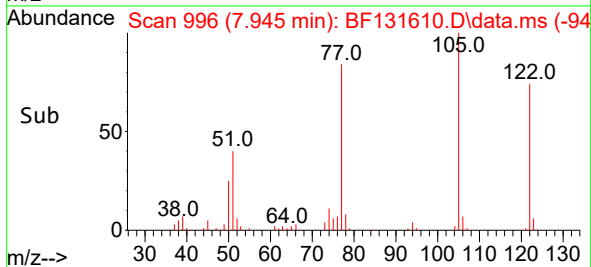
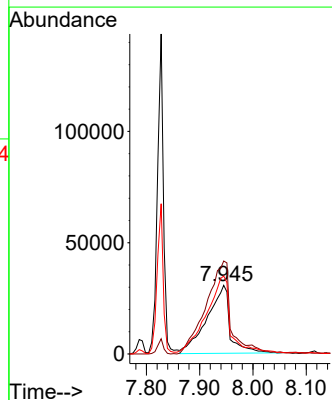
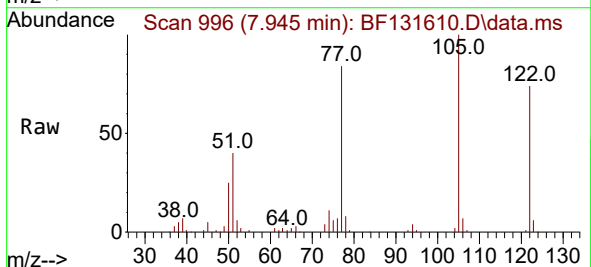
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ClientSampleId :  
SSTDCCC040

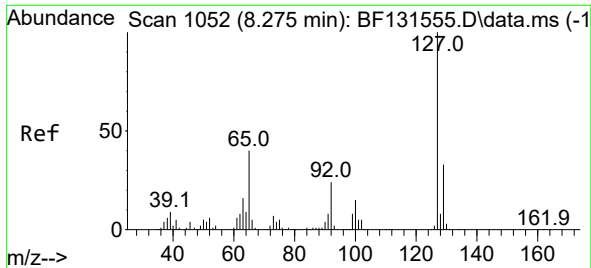
Tgt Ion:128 Resp: 446883  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 13.2 10.6 15.8



#32  
Benzoic acid  
Concen: 47.121 ng  
RT: 7.945 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:122 Resp: 91972  
Ion Ratio Lower Upper  
122 100  
105 135.6 119.8 159.8  
77 113.7 97.6 137.6

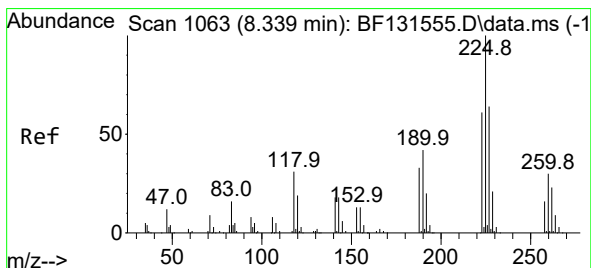
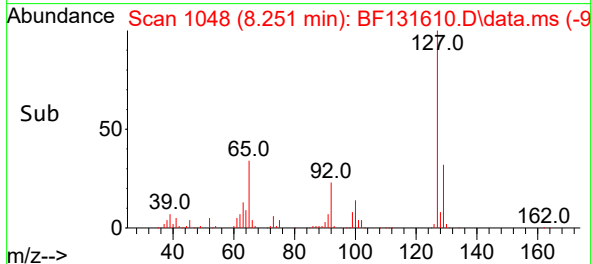
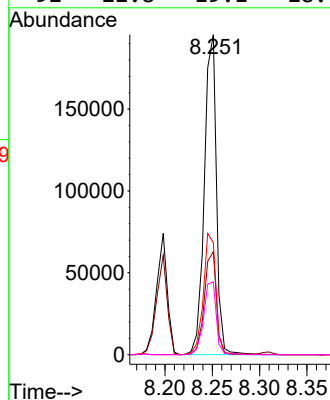
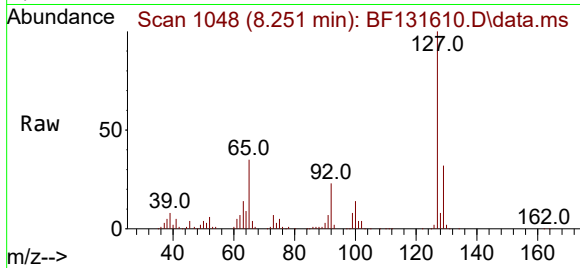




#33  
4-Chloroaniline  
Concen: 42.632 ng  
RT: 8.251 min Scan# 1048  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

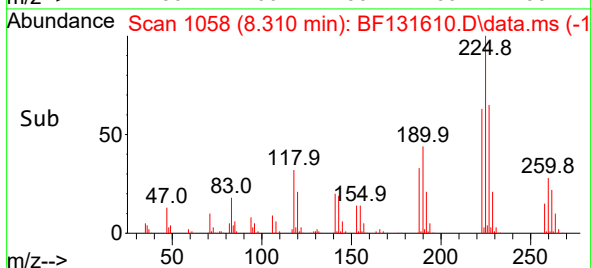
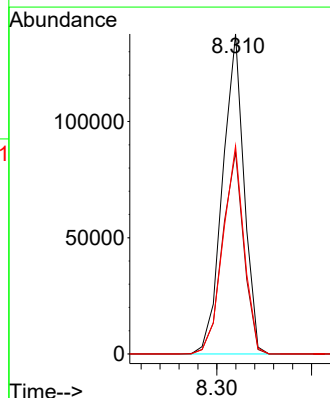
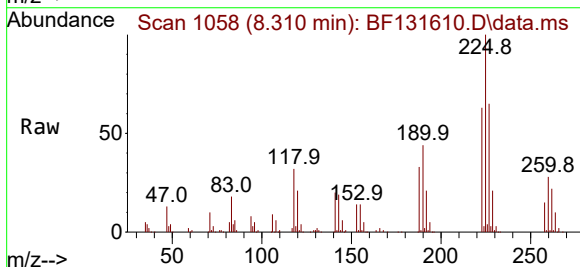
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ClientSampleId :  
SSTDCCC040

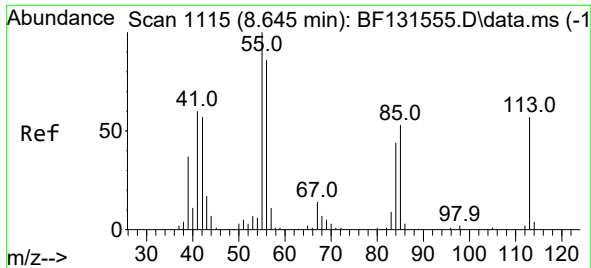
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 173959 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.4  | 39.6   |
| 65       | 35.0  | 31.9  | 47.9   |
| 92       | 22.8  | 19.1  | 28.7   |



#34  
Hexachlorobutadiene  
Concen: 37.488 ng  
RT: 8.310 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 107972 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 48.7  | 73.1   |
| 227      | 65.0  | 51.0  | 76.6   |

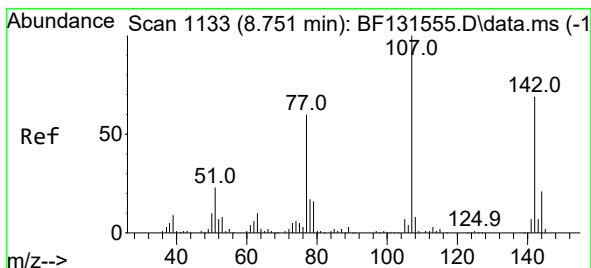
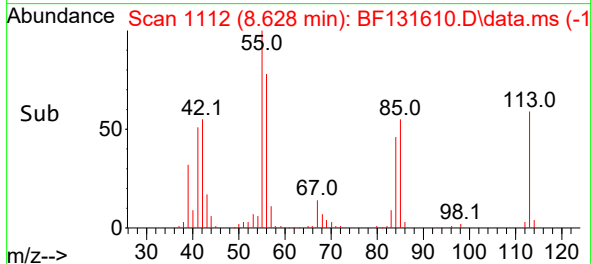
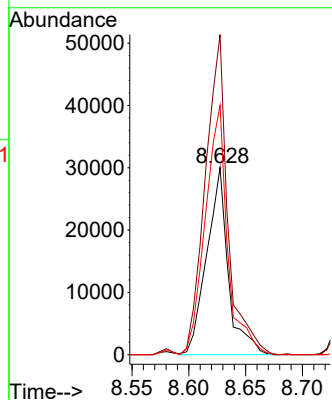
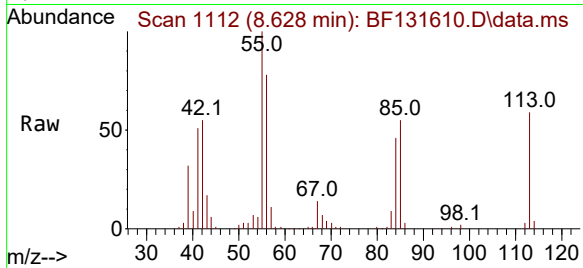




#35  
 Caprolactam  
 Concen: 45.893 ng  
 RT: 8.628 min Scan# 1112  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

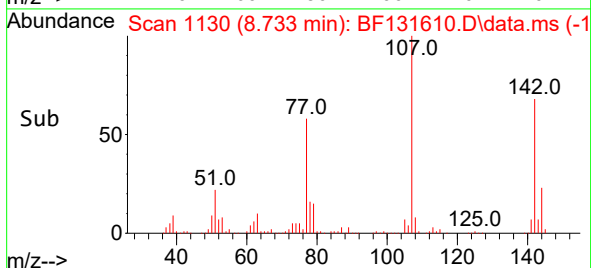
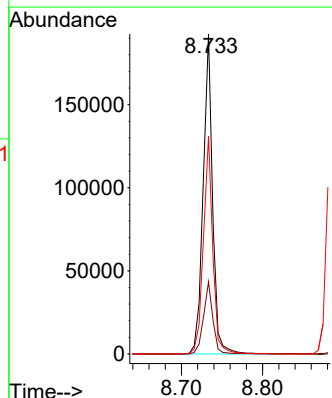
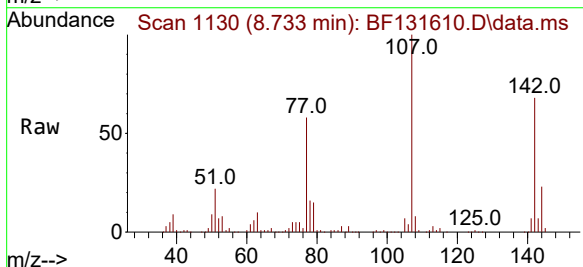
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 ClientSampleId :  
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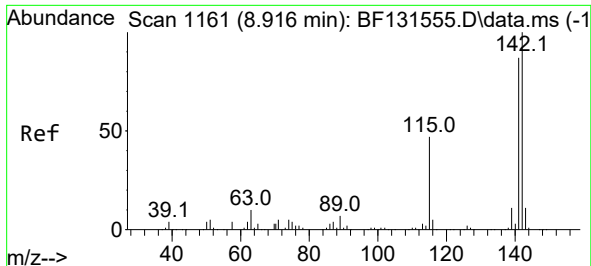
Tgt Ion:113 Resp: 39561  
 Ion Ratio Lower Upper  
 113 100  
 55 170.8 155.8 195.8  
 56 133.1 131.7 171.7



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.625 ng  
 RT: 8.733 min Scan# 1130  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

Tgt Ion:107 Resp: 155761  
 Ion Ratio Lower Upper  
 107 100  
 144 22.5 17.0 25.4  
 142 68.1 54.8 82.2

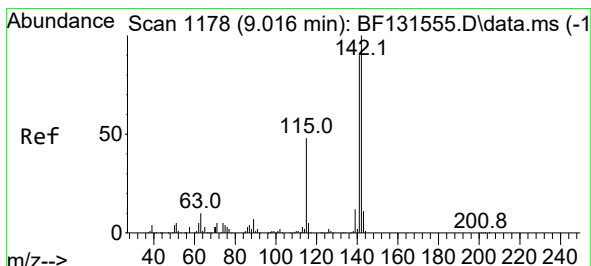
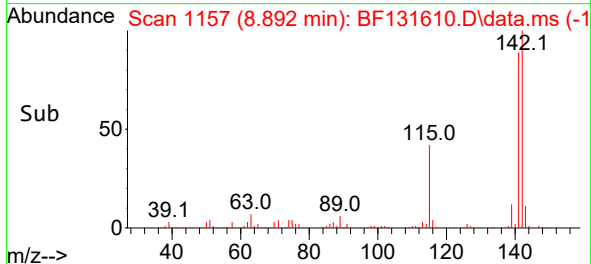
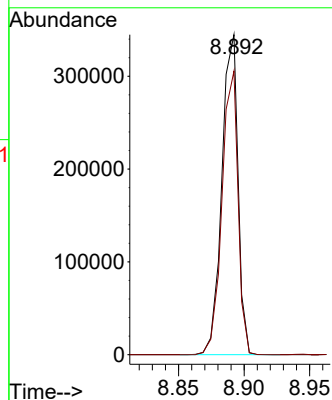
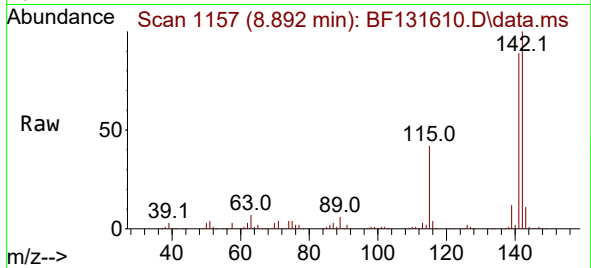




#37  
2-Methylnaphthalene  
Concen: 39.587 ng  
RT: 8.892 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

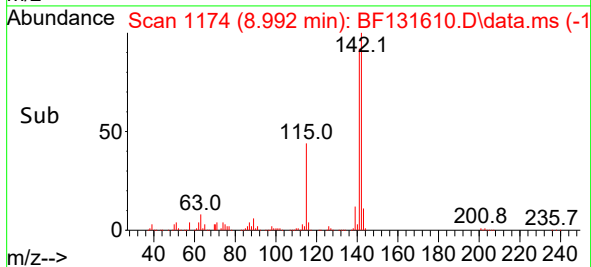
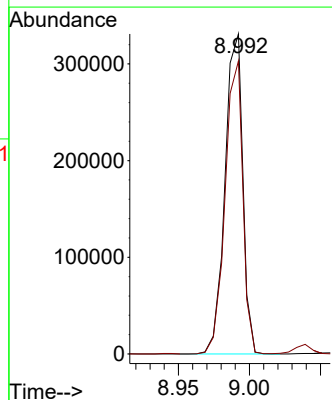
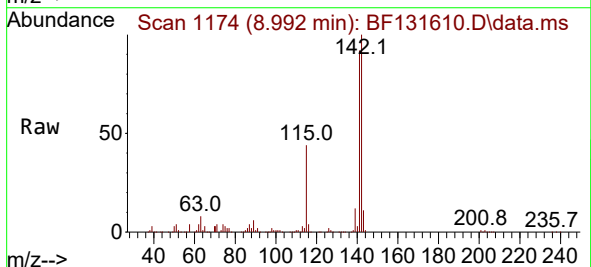
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BNA\_F  
ClientSampleId :  
SSTDCCC040

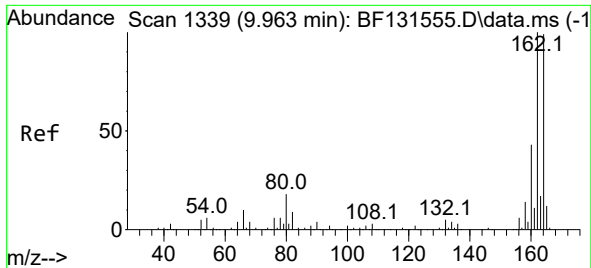
Tgt Ion:142 Resp: 294717  
Ion Ratio Lower Upper  
142 100  
141 88.6 69.7 104.5



#38  
1-Methylnaphthalene  
Concen: 40.339 ng  
RT: 8.992 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:142 Resp: 288292  
Ion Ratio Lower Upper  
142 100  
141 91.6 71.9 107.9

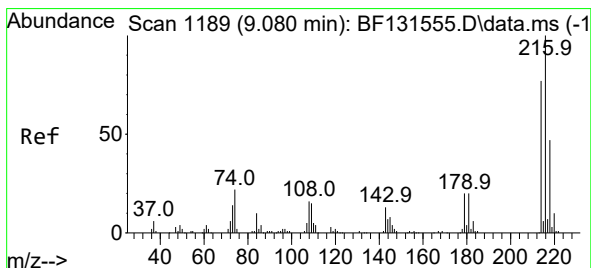
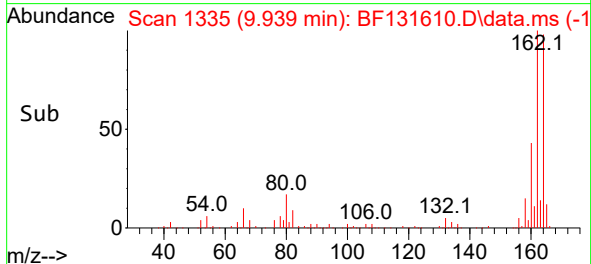
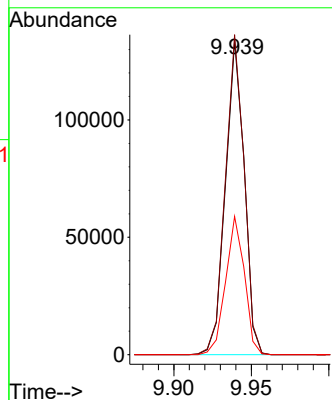
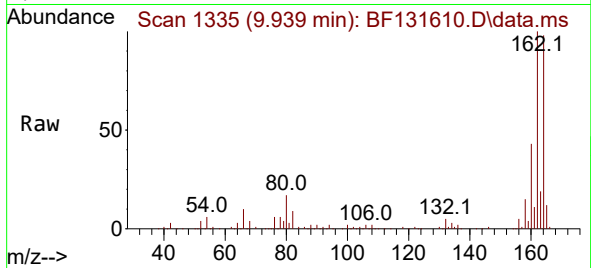




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

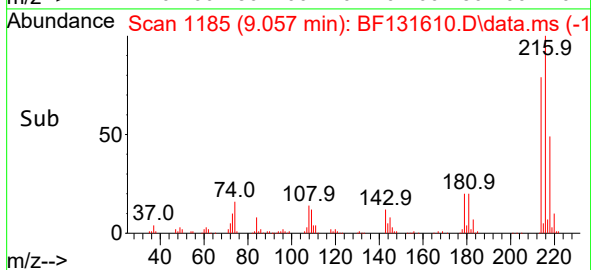
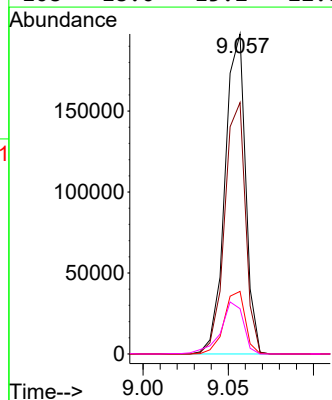
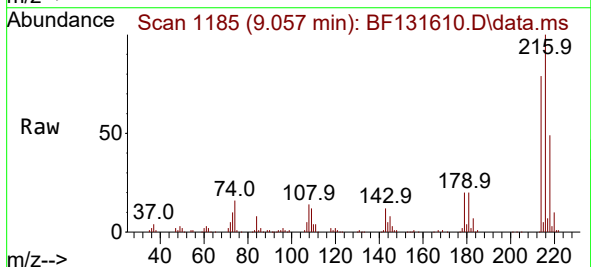
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BNA\_F  
ClientSampleId :  
SSTDCCC040

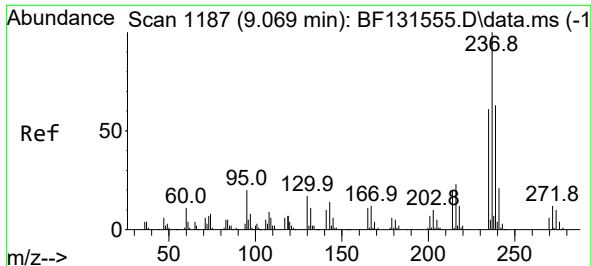
Tgt Ion:164 Resp: 112841  
Ion Ratio Lower Upper  
164 100  
162 102.0 81.0 121.6  
160 44.1 35.0 52.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.679 ng  
RT: 9.057 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:216 Resp: 165746  
Ion Ratio Lower Upper  
216 100  
214 79.4 62.1 93.1  
179 20.1 16.0 24.0  
108 18.0 15.2 22.8

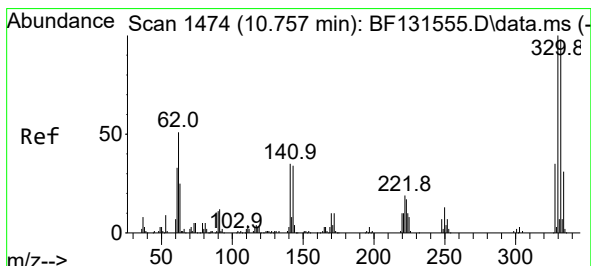
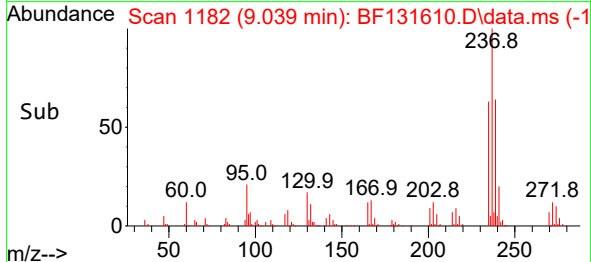
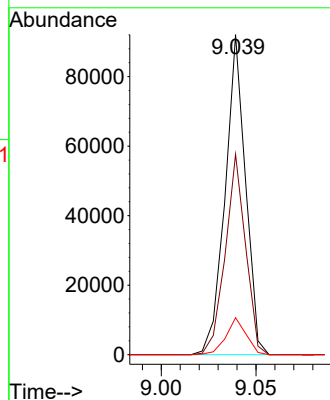
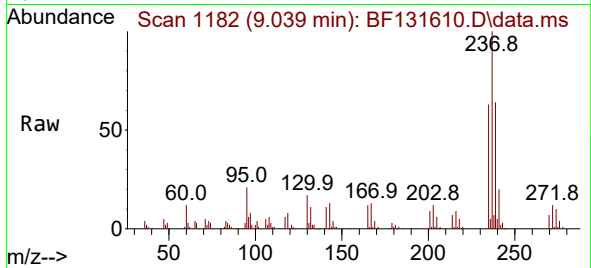




#41  
Hexachlorocyclopentadiene  
Concen: 32.486 ng  
RT: 9.039 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

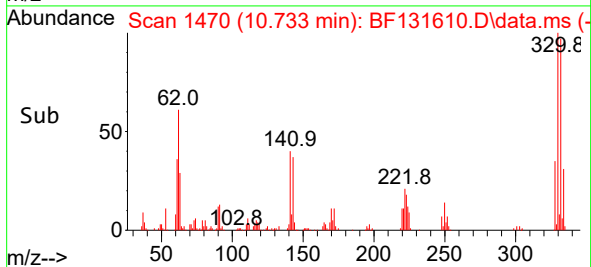
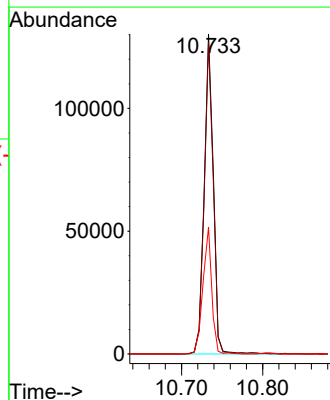
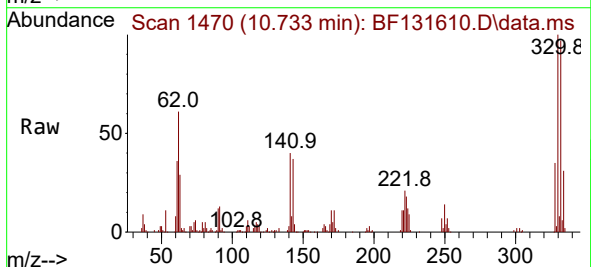
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ClientSampleId :  
SSTDCCC040

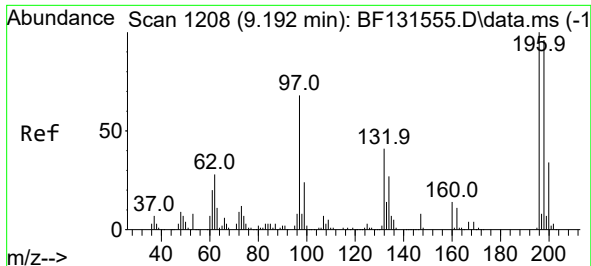
Tgt Ion:237 Resp: 68877  
Ion Ratio Lower Upper  
237 100  
235 62.7 40.6 80.6  
272 11.6 0.0 32.2



#42  
2,4,6-Tribromophenol  
Concen: 80.980 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:330 Resp: 101524  
Ion Ratio Lower Upper  
330 100  
332 95.6 78.3 117.5  
141 38.4 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 41.124 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

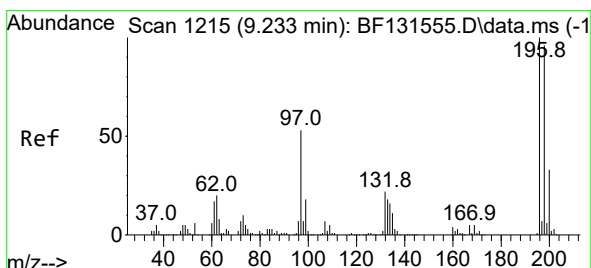
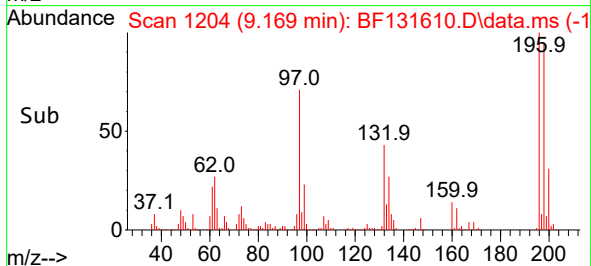
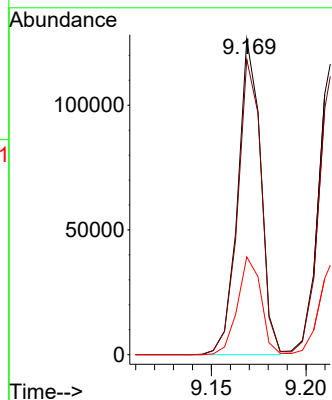
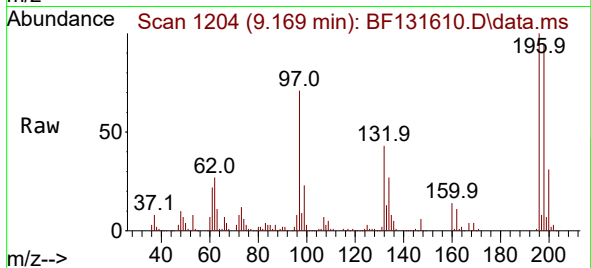
Tgt Ion:196 Resp: 106251

Ion Ratio Lower Upper

196 100

198 93.6 76.9 115.3

200 31.0 26.9 40.3



#44

2,4,5-Trichlorophenol

Concen: 42.080 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Tgt Ion:196 Resp: 116922

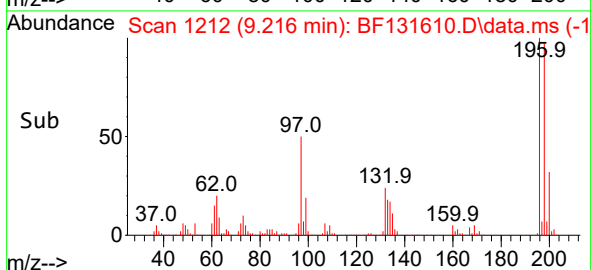
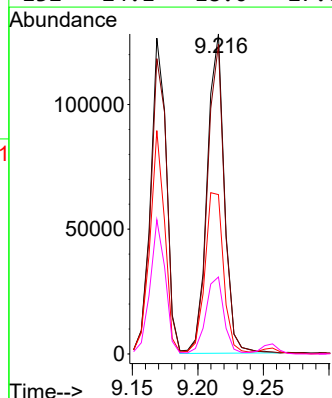
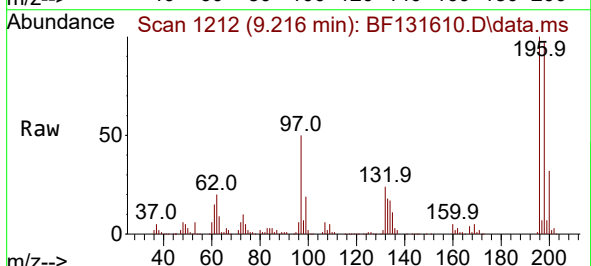
Ion Ratio Lower Upper

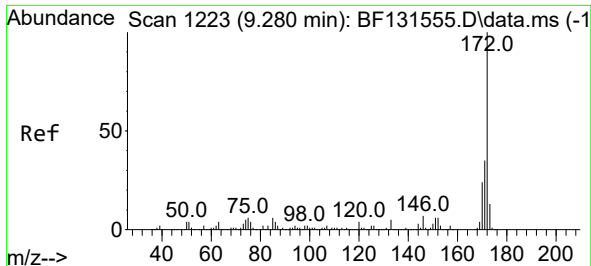
196 100

198 96.8 77.2 115.8

97 49.8 42.2 63.2

132 24.1 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 76.534 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

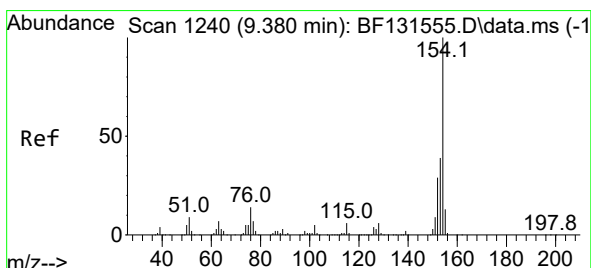
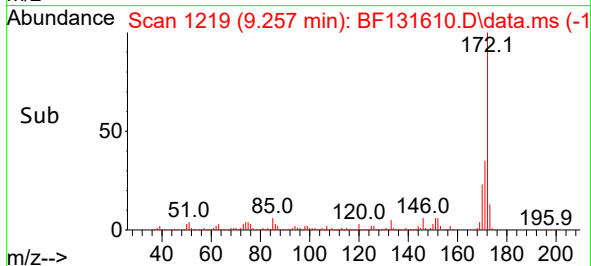
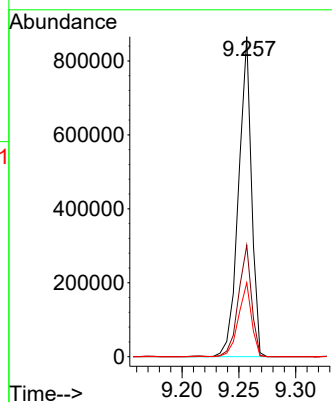
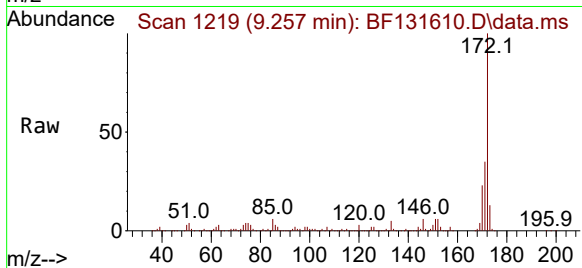
Tgt Ion:172 Resp: 684934

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.1 19.3 28.9



#46

1,1'-Biphenyl

Concen: 40.012 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

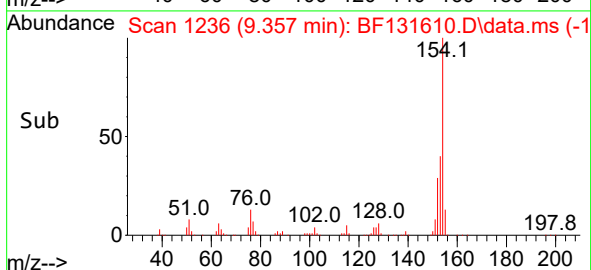
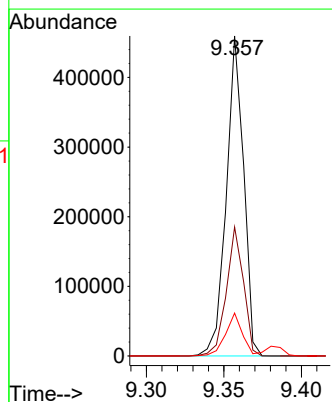
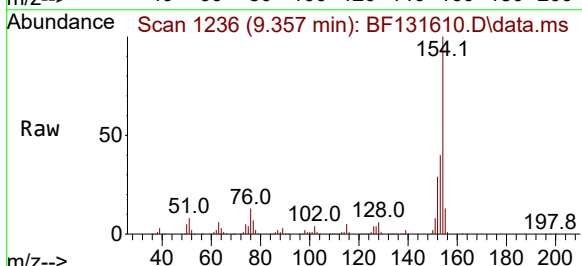
Tgt Ion:154 Resp: 356981

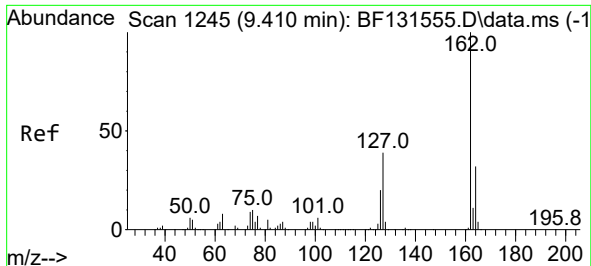
Ion Ratio Lower Upper

154 100

153 40.3 19.4 59.4

76 13.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 40.811 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

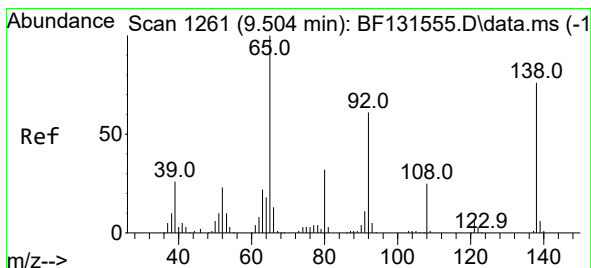
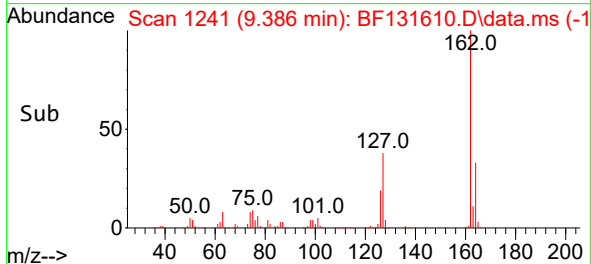
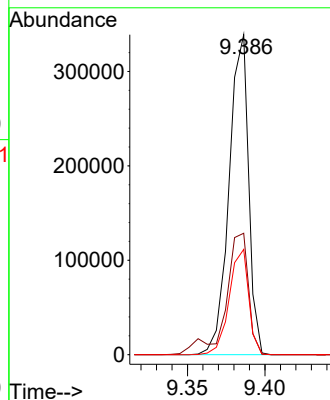
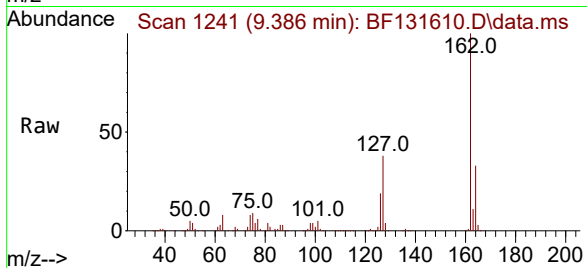
Tgt Ion:162 Resp: 296657

Ion Ratio Lower Upper

162 100

127 37.9 31.4 47.2

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 42.272 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

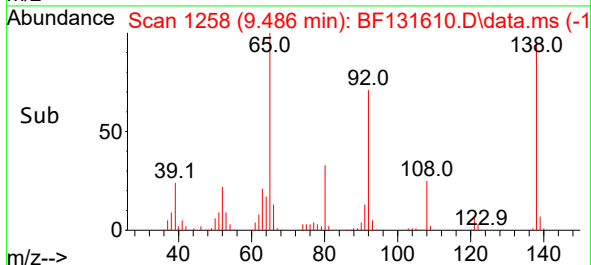
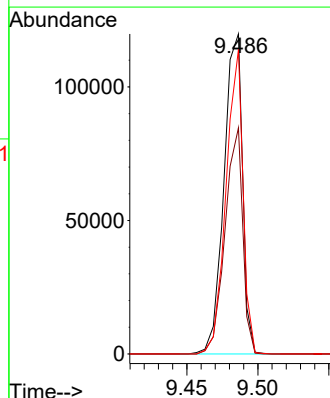
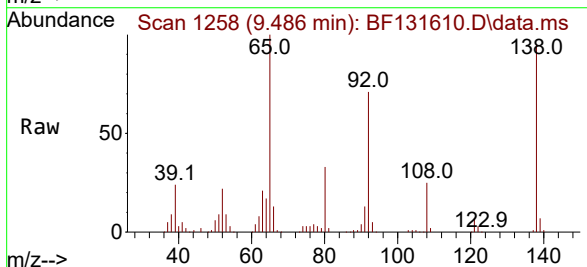
Tgt Ion: 65 Resp: 108850

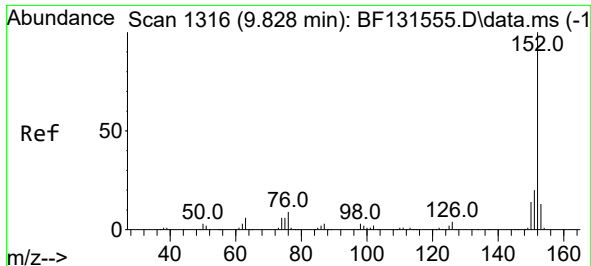
Ion Ratio Lower Upper

65 100

92 70.7 49.2 73.8

138 95.1 60.7 91.1#





#49

Acenaphthylene

Concen: 41.604 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

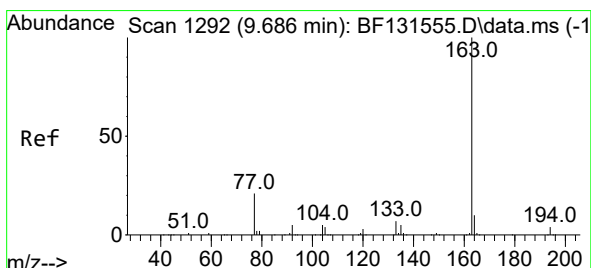
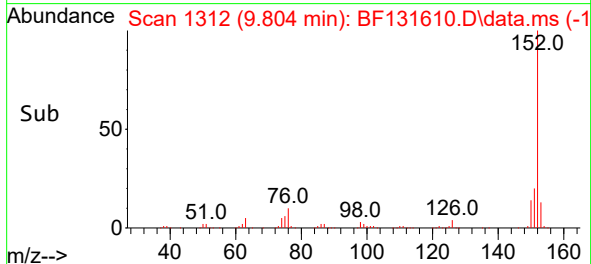
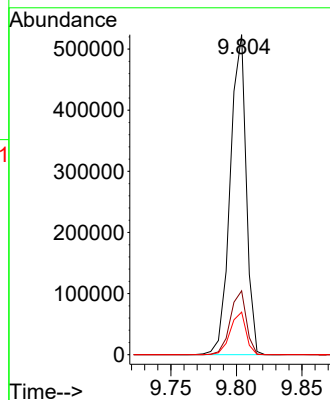
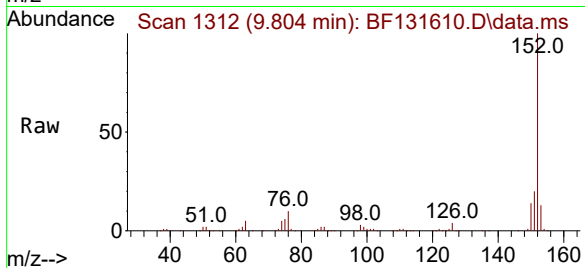
Tgt Ion:152 Resp: 444037

Ion Ratio Lower Upper

152 100

151 20.0 15.6 23.4

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 39.864 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

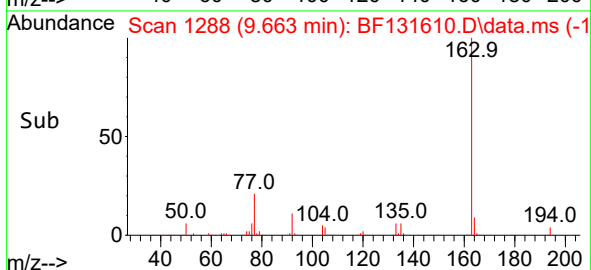
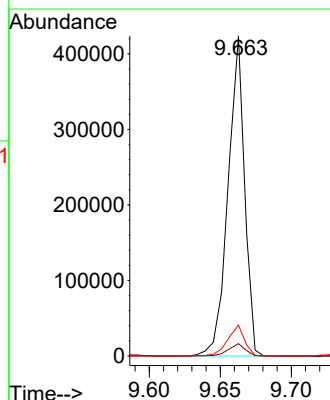
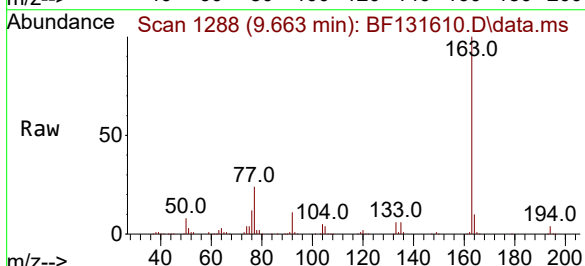
Tgt Ion:163 Resp: 342915

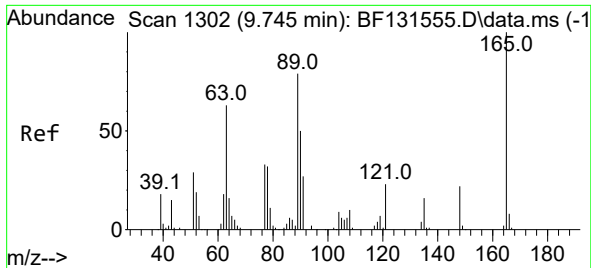
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.6 7.8 11.6

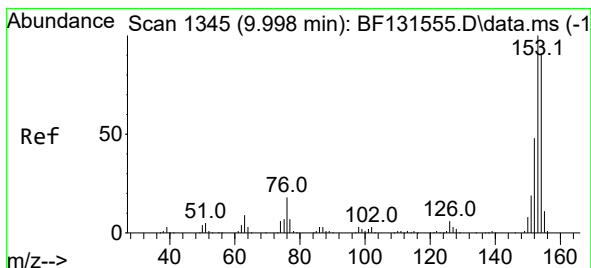
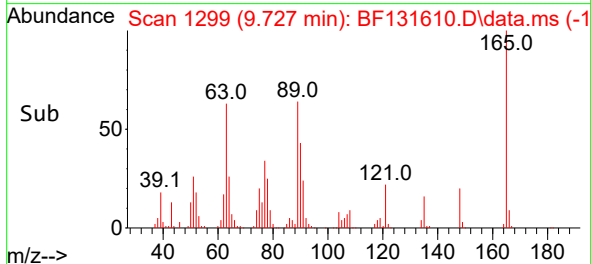
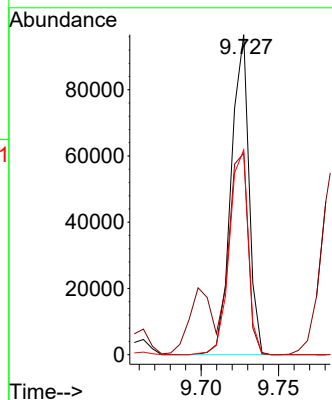
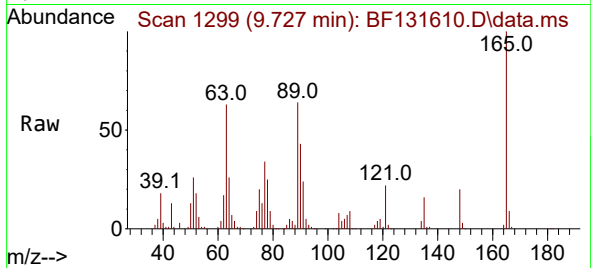




#51  
2,6-Dinitrotoluene  
Concen: 43.375 ng  
RT: 9.727 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

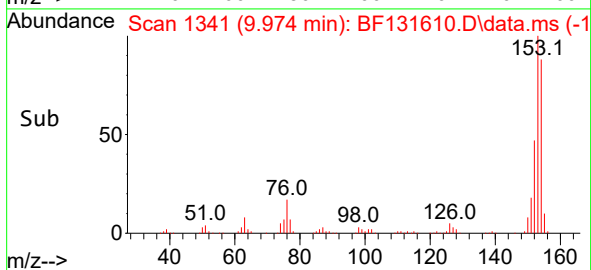
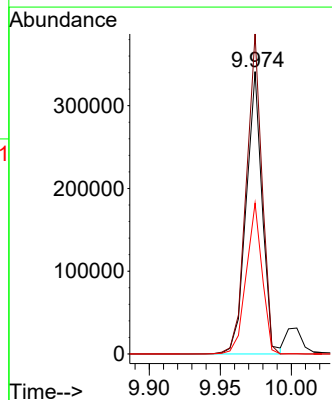
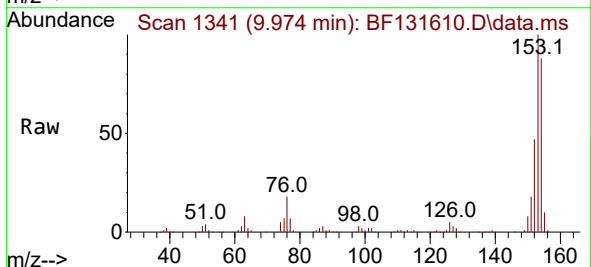
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

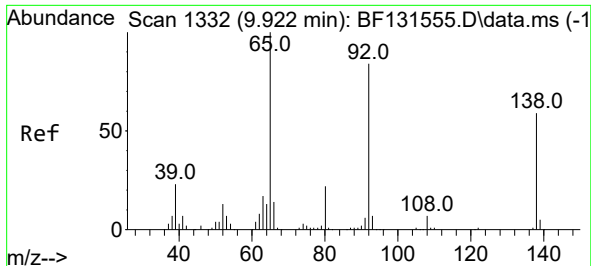
Tgt Ion:165 Resp: 77028  
Ion Ratio Lower Upper  
165 100  
63 62.9 67.9 101.9#  
89 64.0 63.2 94.8



#52  
Acenaphthene  
Concen: 37.467 ng  
RT: 9.974 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:154 Resp: 267888  
Ion Ratio Lower Upper  
154 100  
153 113.3 87.9 131.9  
152 53.5 42.4 63.6

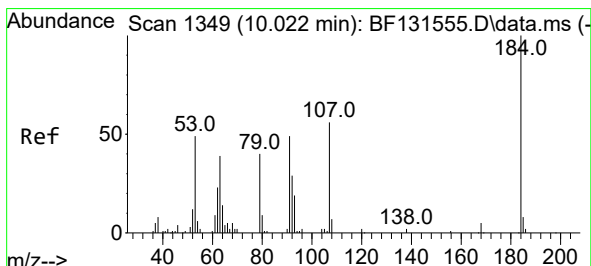
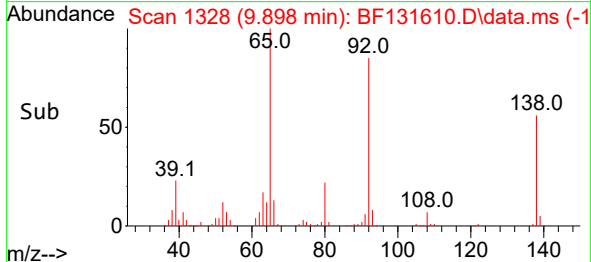
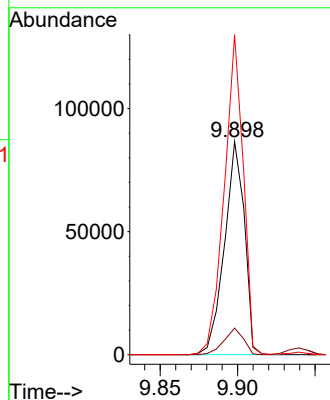
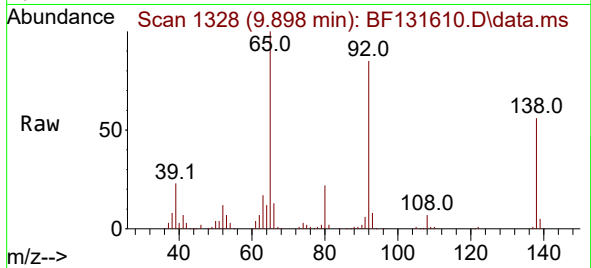




#53  
3-Nitroaniline  
Concen: 45.421 ng  
RT: 9.898 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

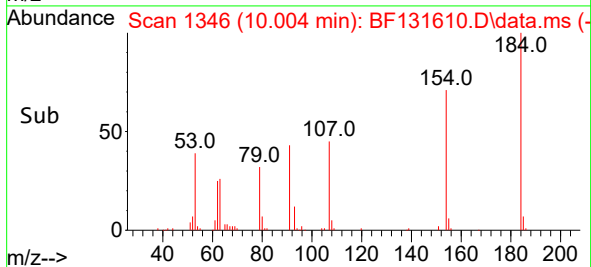
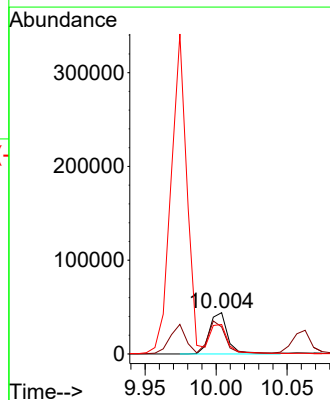
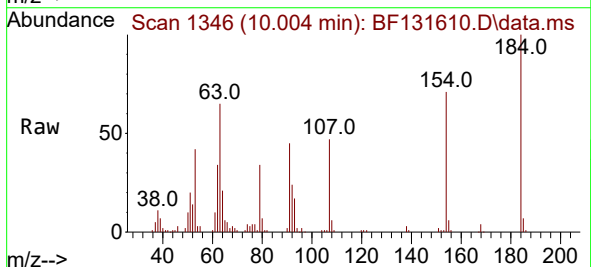
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

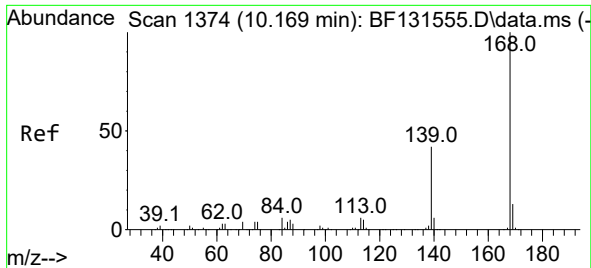
Tgt Ion:138 Resp: 77392  
Ion Ratio Lower Upper  
138 100  
108 12.5 9.6 14.4  
92 150.1 113.4 170.0



#54  
2,4-Dinitrophenol  
Concen: 41.053 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:184 Resp: 39598  
Ion Ratio Lower Upper  
184 100  
63 65.3 60.7 91.1  
154 71.2 59.0 88.6

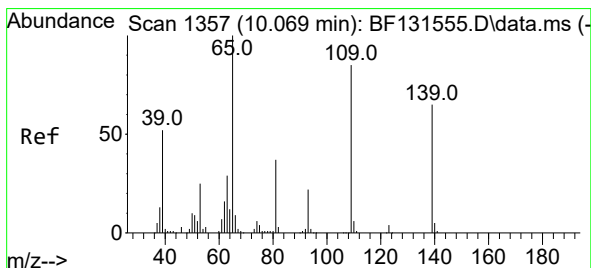
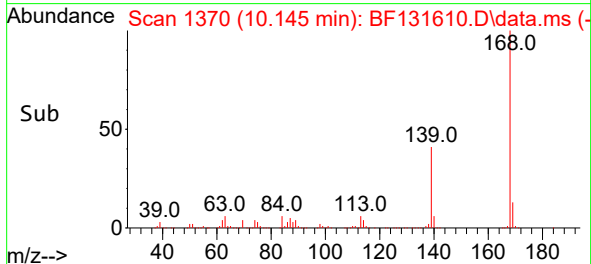
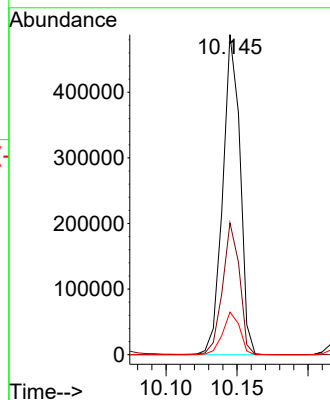
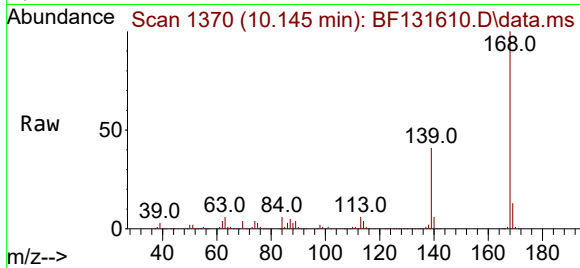




#55  
Dibenzofuran  
Concen: 40.705 ng  
RT: 10.145 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

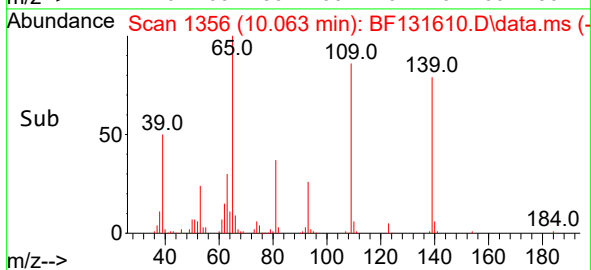
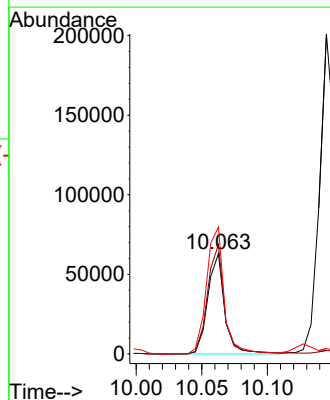
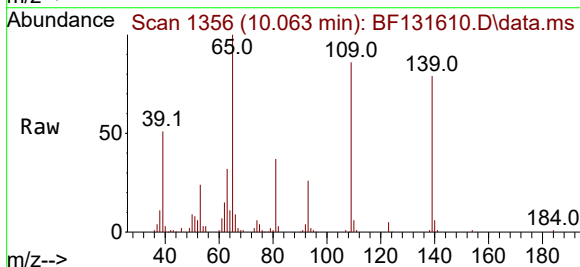
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

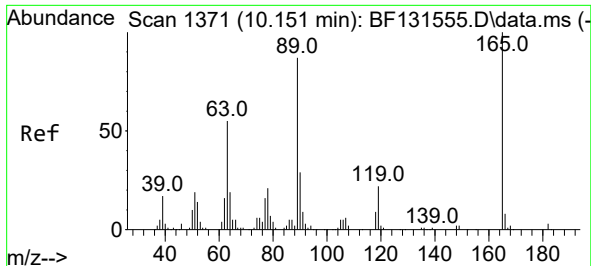
Tgt Ion:168 Resp: 411228  
Ion Ratio Lower Upper  
168 100  
139 41.2 33.9 50.9  
169 13.3 10.7 16.1



#56  
4-Nitrophenol  
Concen: 47.793 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:139 Resp: 56571  
Ion Ratio Lower Upper  
139 100  
109 108.9 110.2 150.2#  
65 126.6 133.3 173.3#

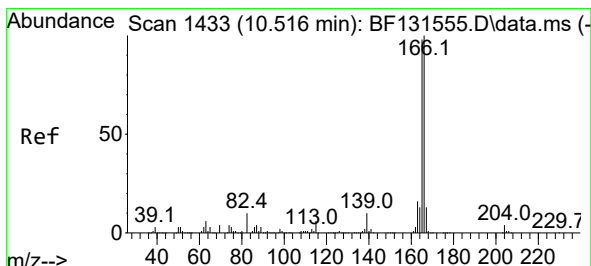
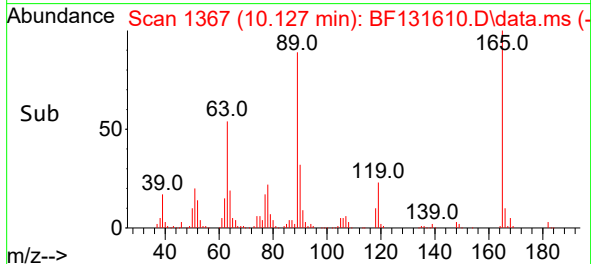
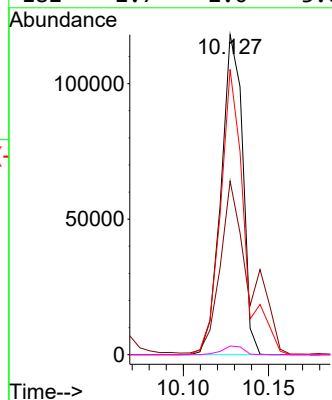
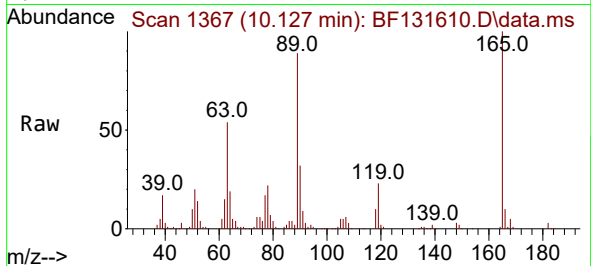




#57  
2,4-Dinitrotoluene  
Concen: 44.172 ng  
RT: 10.127 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

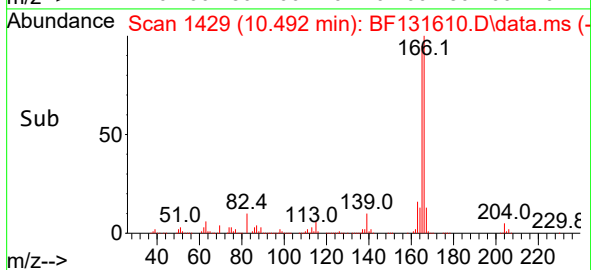
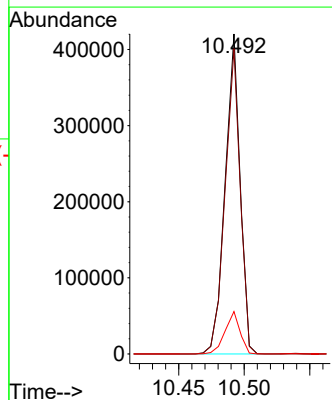
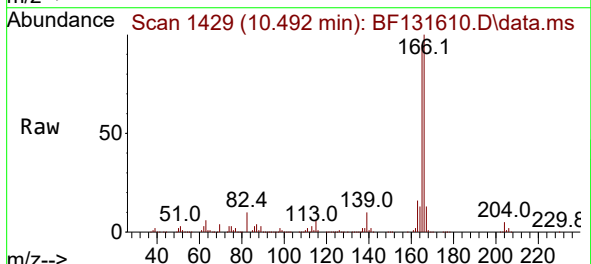
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

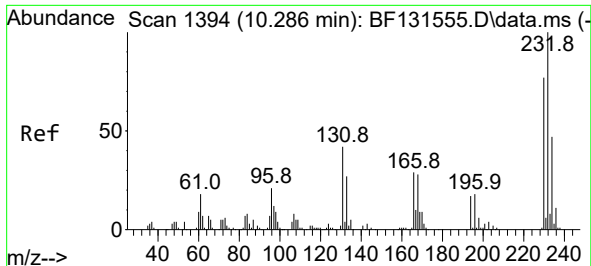
Tgt Ion:165 Resp: 104058  
Ion Ratio Lower Upper  
165 100  
63 54.2 44.4 66.6  
89 89.2 69.6 104.4  
182 2.7 2.0 3.0



#58  
Fluorene  
Concen: 40.606 ng  
RT: 10.492 min Scan# 1429  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:166 Resp: 333495  
Ion Ratio Lower Upper  
166 100  
165 95.4 78.4 117.6  
167 13.2 10.7 16.1

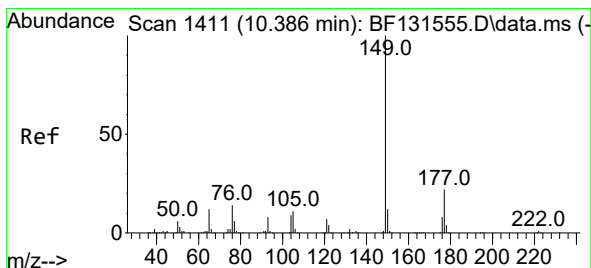
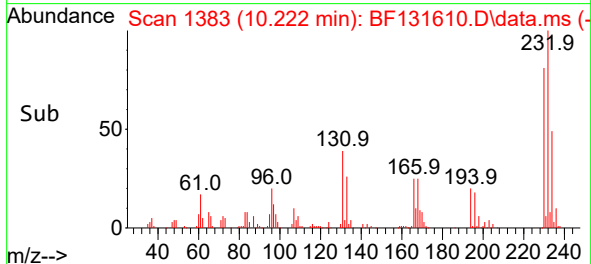
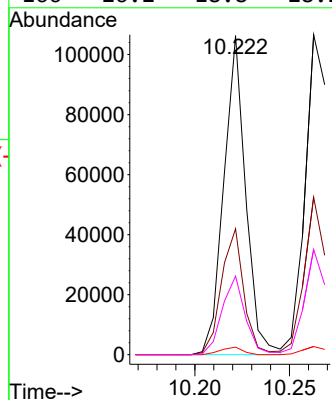
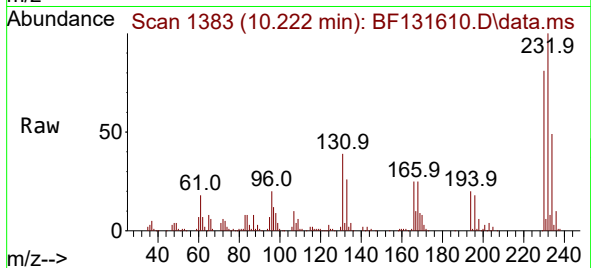




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.328 ng  
RT: 10.222 min Scan# 11  
Delta R.T. -0.041 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

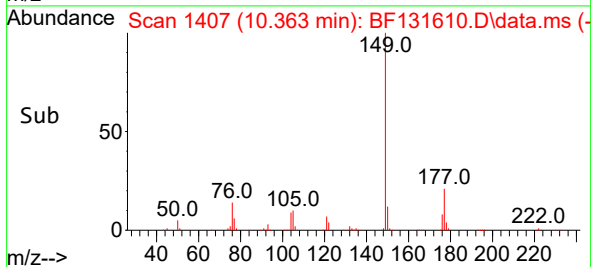
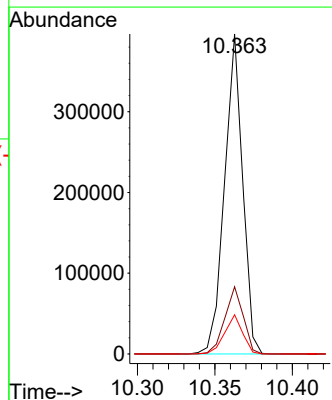
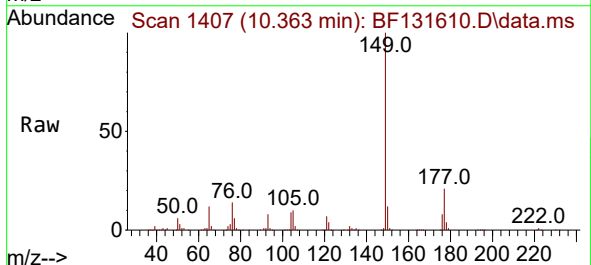
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

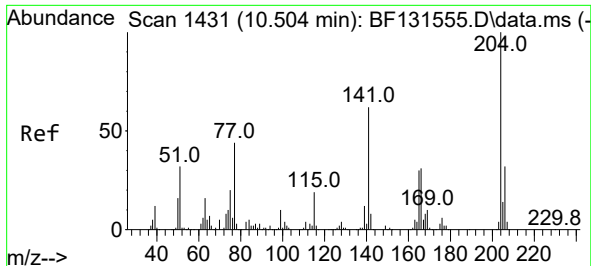
Tgt Ion:232 Resp: 85477  
Ion Ratio Lower Upper  
232 100  
131 40.4 31.0 46.6  
130 2.4 1.8 2.8  
166 26.2 18.8 28.2



#60  
Diethylphthalate  
Concen: 38.924 ng  
RT: 10.363 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:149 Resp: 321314  
Ion Ratio Lower Upper  
149 100  
177 21.0 17.4 26.2  
150 12.2 9.7 14.5

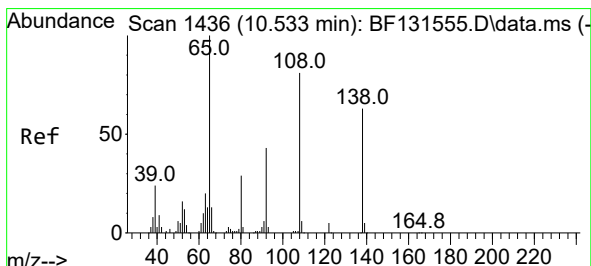
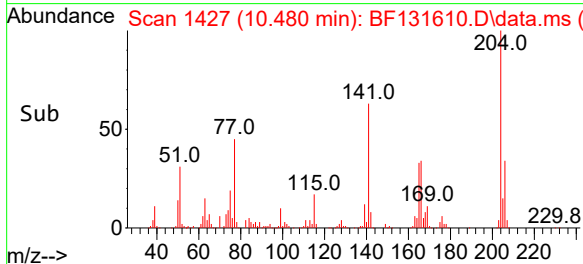
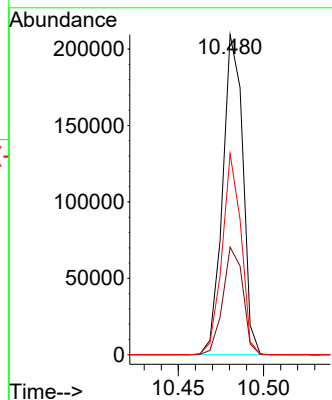
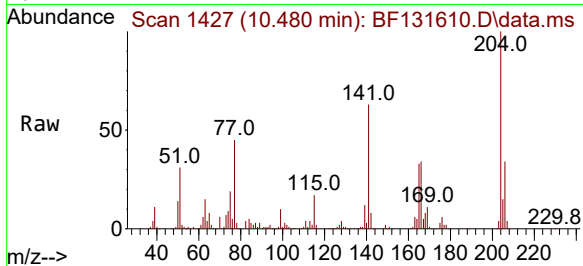




#61  
4-Chlorophenyl-phenylether  
Concen: 37.993 ng  
RT: 10.480 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

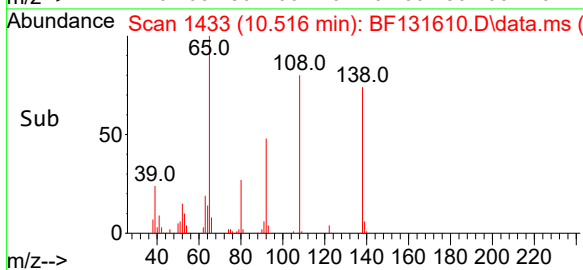
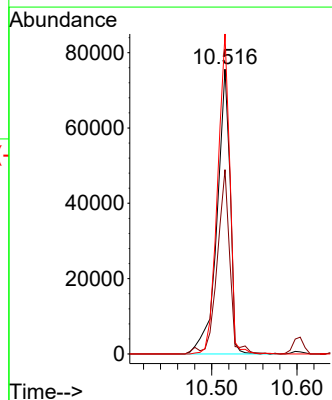
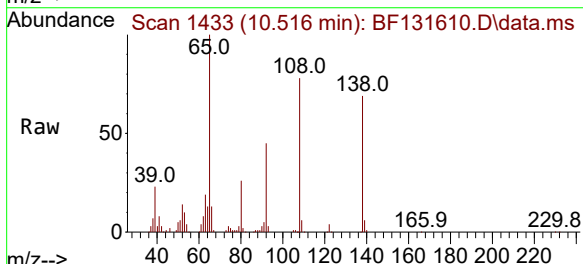
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

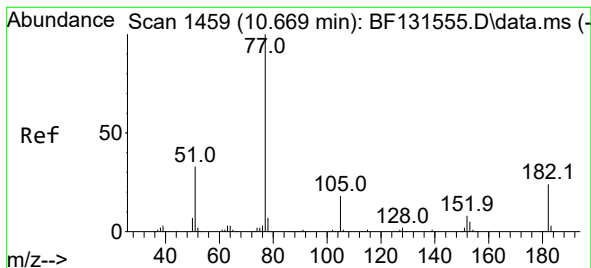
Tgt Ion:204 Resp: 172439  
Ion Ratio Lower Upper  
204 100  
206 33.6 25.4 38.2  
141 62.8 49.5 74.3



#62  
4-Nitroaniline  
Concen: 47.435 ng  
RT: 10.516 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:138 Resp: 80091  
Ion Ratio Lower Upper  
138 100  
92 64.7 47.5 87.5  
108 112.4 108.8 148.8





#63

Azobenzene

Concen: 38.090 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 358626

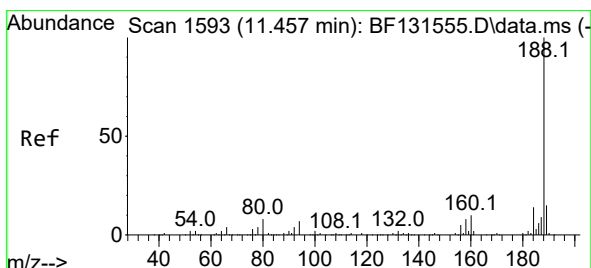
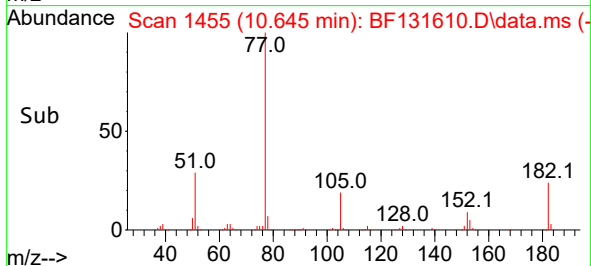
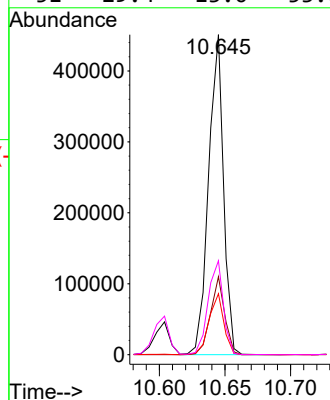
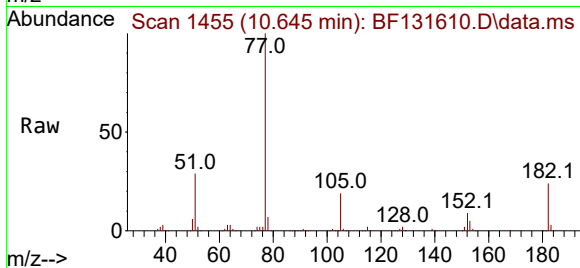
Ion Ratio Lower Upper

77 100

182 24.3 3.9 43.9

105 19.0 0.0 38.3

51 29.4 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

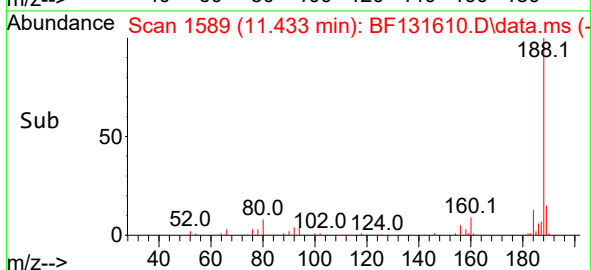
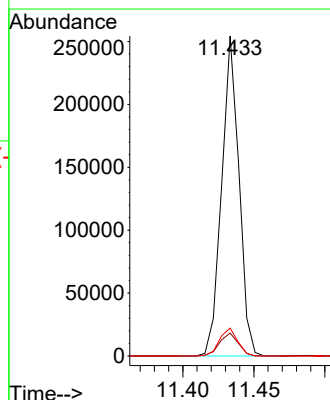
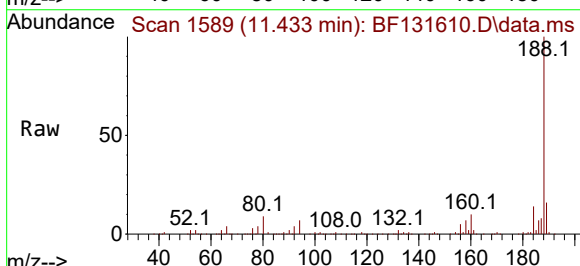
Tgt Ion: 188 Resp: 215246

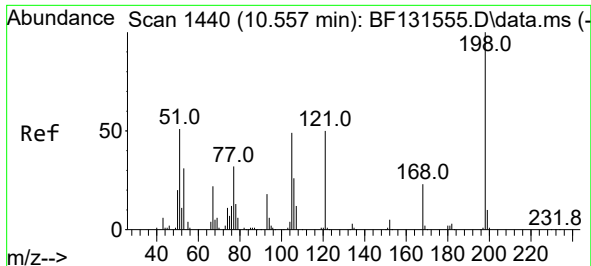
Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.7 6.6 10.0

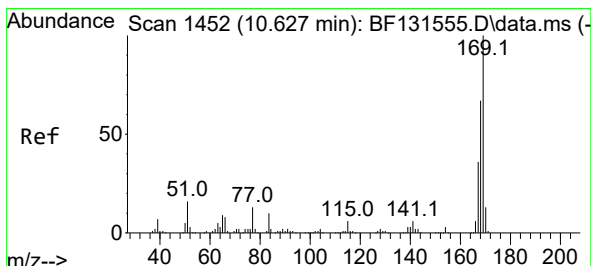
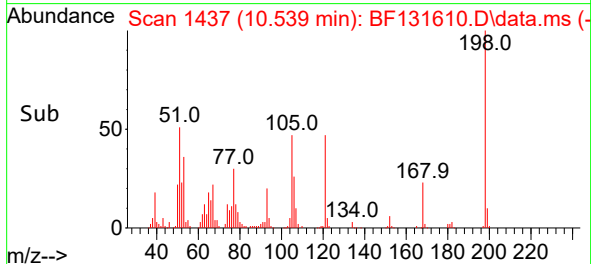
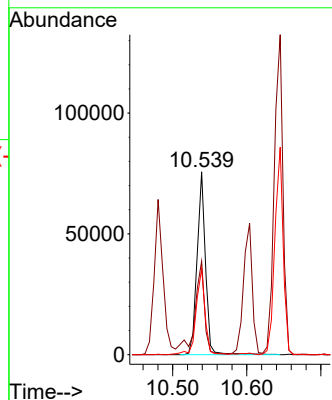
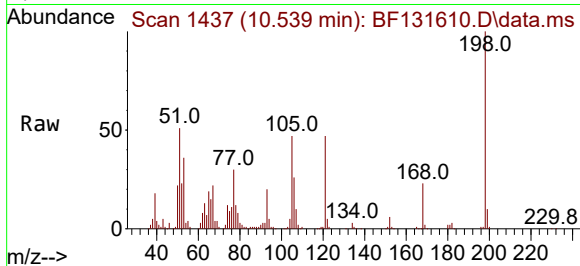




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.845 ng  
RT: 10.539 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

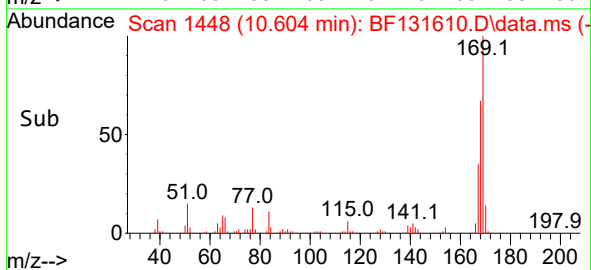
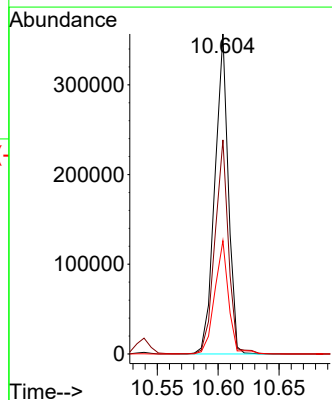
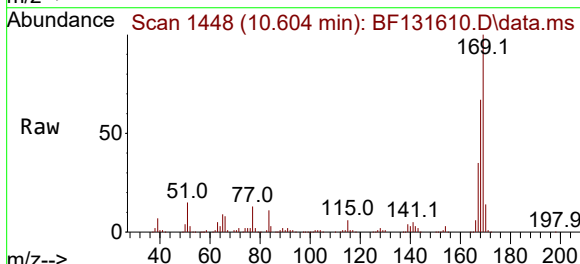
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

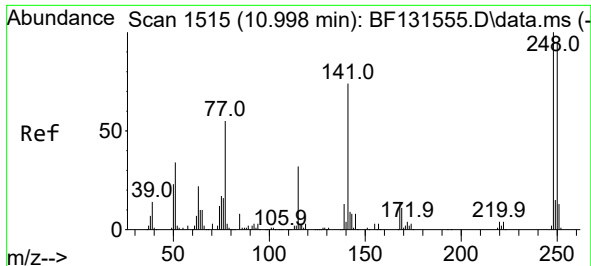
Tgt Ion:198 Resp: 59774  
Ion Ratio Lower Upper  
198 100  
51 51.2 36.7 76.7  
105 47.0 29.9 69.9



#66  
n-Nitrosodiphenylamine  
Concen: 39.277 ng  
RT: 10.604 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:169 Resp: 273321  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.8 80.6  
167 35.4 29.1 43.7

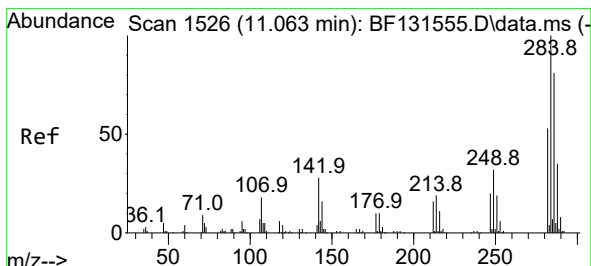
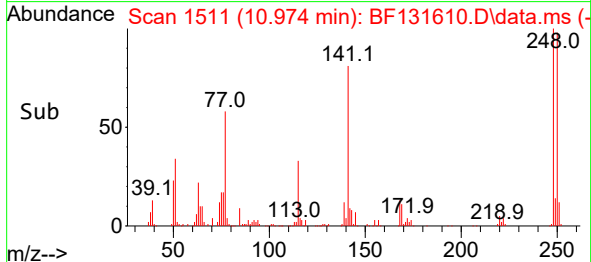
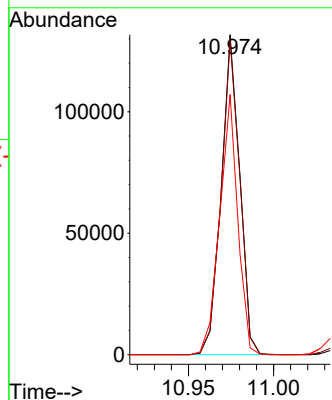
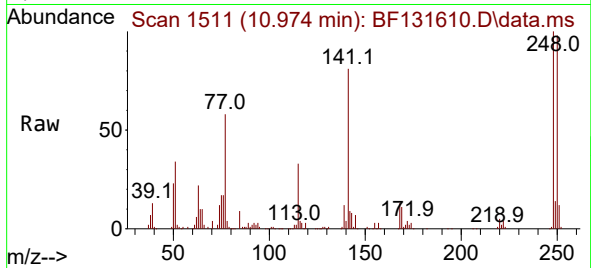




#67  
4-Bromophenyl-phenylether  
Concen: 36.017 ng  
RT: 10.974 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

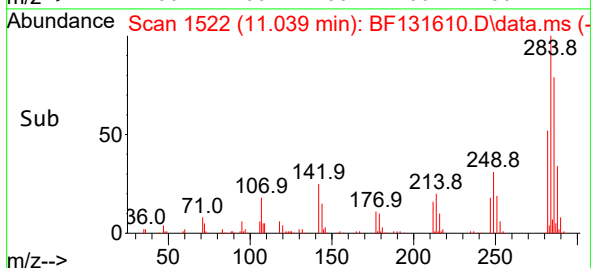
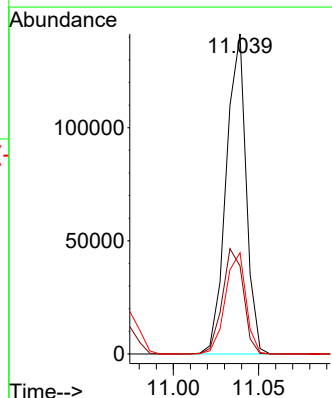
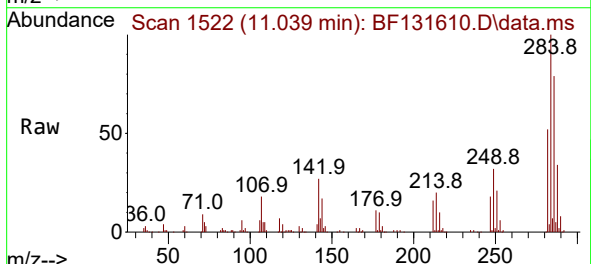
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

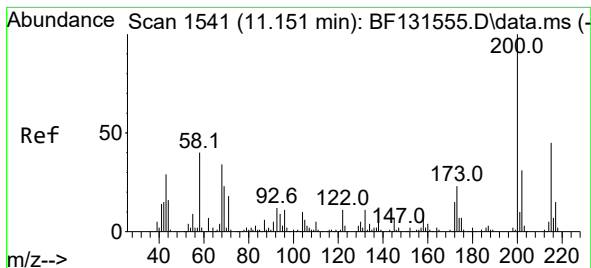
Tgt Ion:248 Resp: 99731  
Ion Ratio Lower Upper  
248 100  
250 98.2 76.2 114.2  
141 81.3 59.5 89.3



#68  
Hexachlorobenzene  
Concen: 38.268 ng  
RT: 11.039 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:284 Resp: 114616  
Ion Ratio Lower Upper  
284 100  
142 27.5 22.3 33.5  
249 31.7 25.4 38.2





#69

Atrazine

Concen: 41.412 ng

RT: 11.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

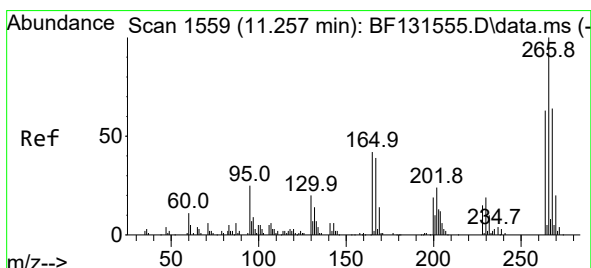
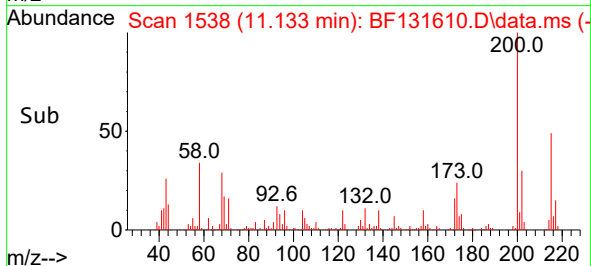
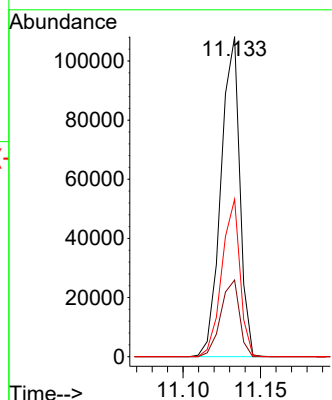
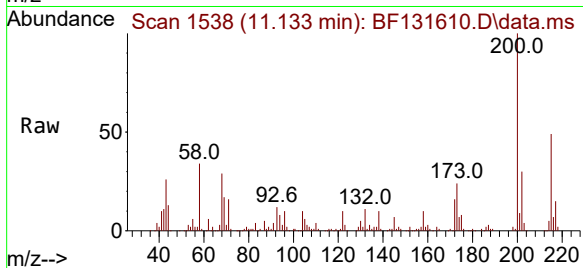
Tgt Ion:200 Resp: 91511

Ion Ratio Lower Upper

200 100

173 24.0 3.4 43.4

215 49.2 25.0 65.0



#70

Pentachlorophenol

Concen: 34.733 ng

RT: 11.233 min Scan# 1555

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

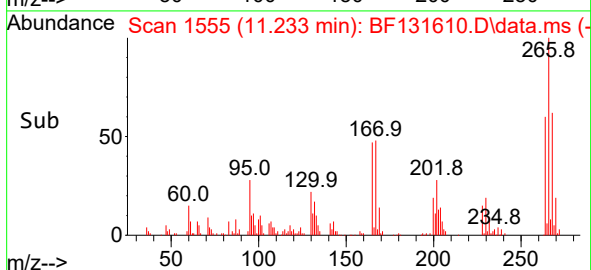
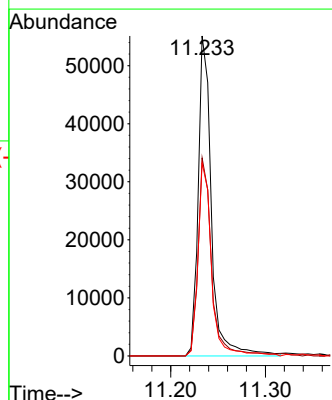
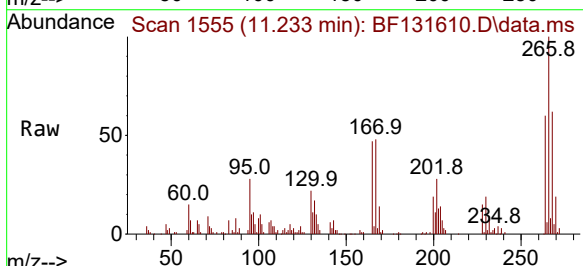
Tgt Ion:266 Resp: 53555

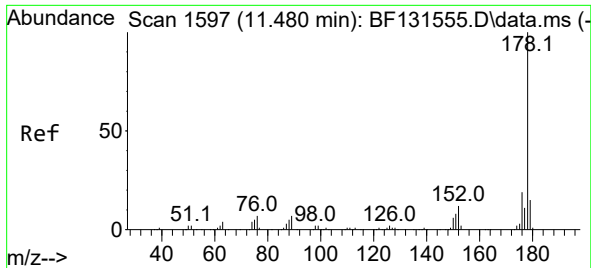
Ion Ratio Lower Upper

266 100

268 61.9 51.5 77.3

264 60.3 50.7 76.1

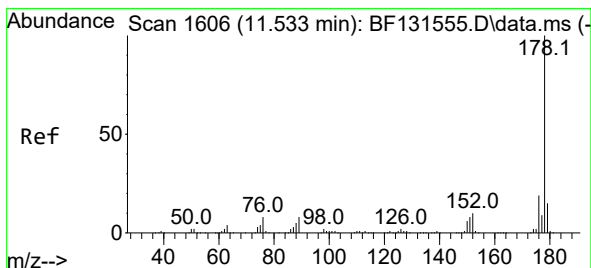
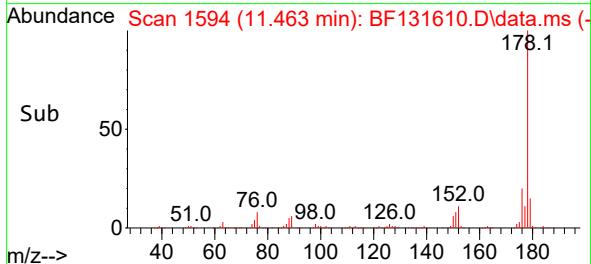
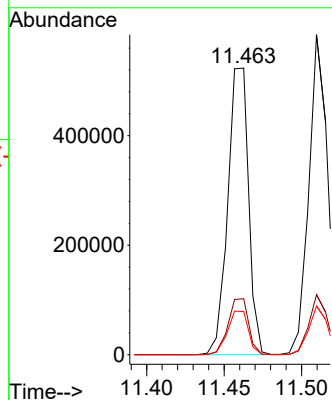
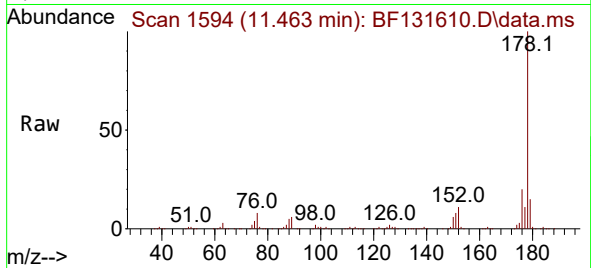




#71  
Phenanthrene  
Concen: 40.855 ng  
RT: 11.463 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

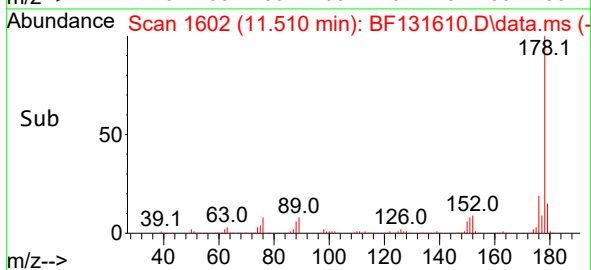
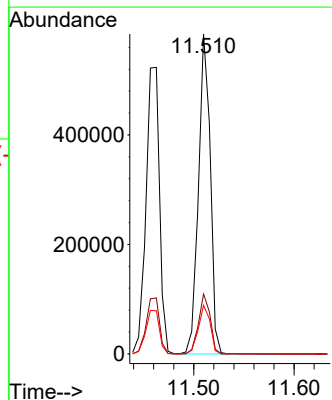
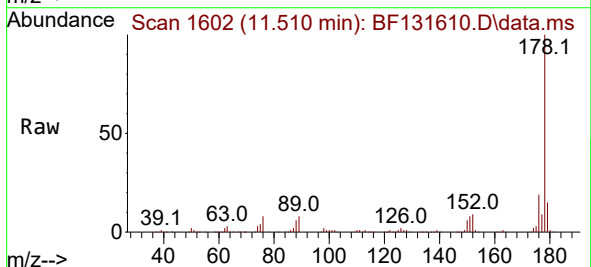
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

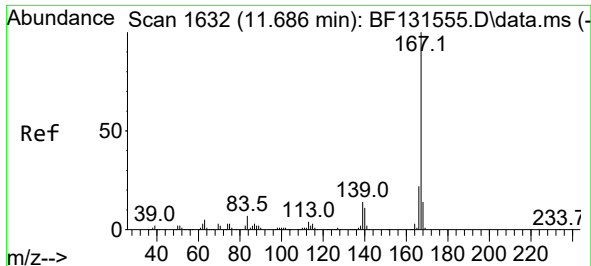
Tgt Ion:178 Resp: 490166  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 15.1 12.2 18.4



#72  
Anthracene  
Concen: 41.087 ng  
RT: 11.510 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:178 Resp: 479589  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.6  
179 15.2 12.3 18.5

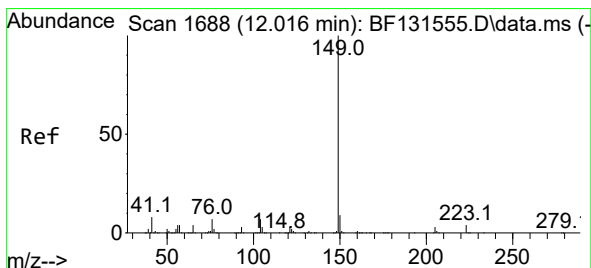
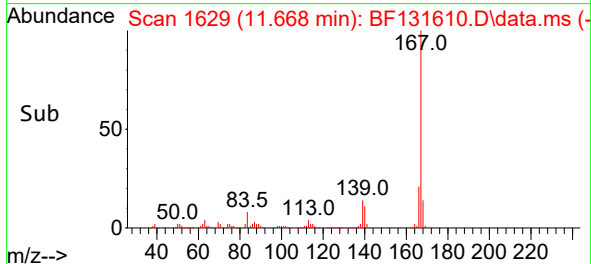
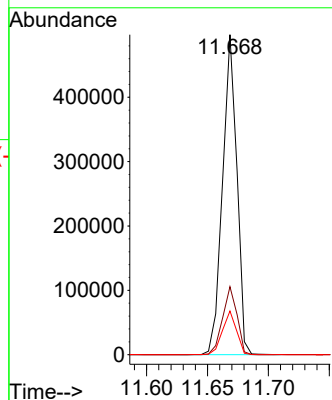
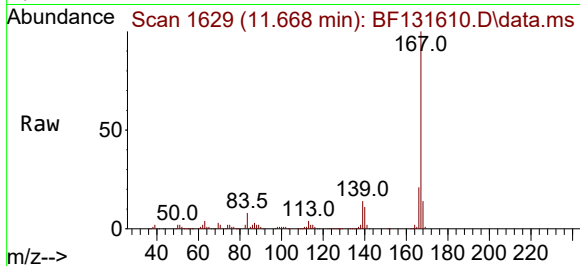




#73  
 Carbazole  
 Concen: 42.758 ng  
 RT: 11.668 min Scan# 1629  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

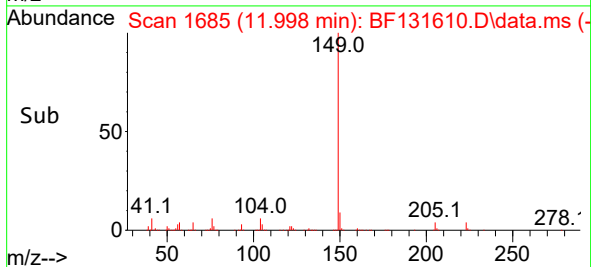
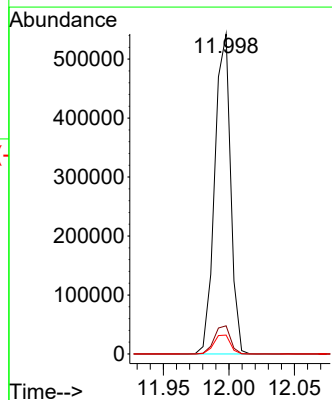
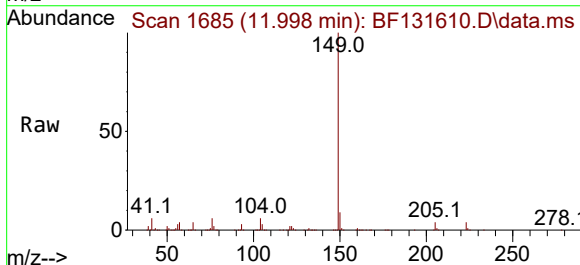
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

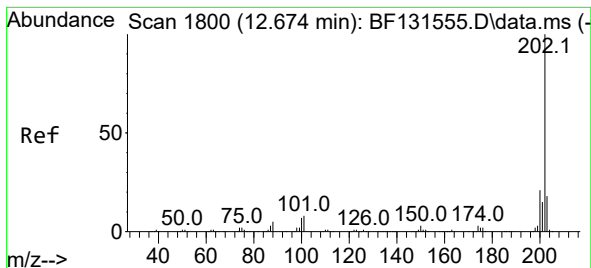
Tgt Ion:167 Resp: 407383  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.4 26.0  
 139 13.7 11.0 16.4



#74  
 Di-n-butylphthalate  
 Concen: 38.994 ng  
 RT: 11.998 min Scan# 1685  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

Tgt Ion:149 Resp: 455790  
 Ion Ratio Lower Upper  
 149 100  
 150 8.8 7.2 10.8  
 104 5.9 5.2 7.8





#75

Fluoranthene

Concen: 42.560 ng

RT: 12.651 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

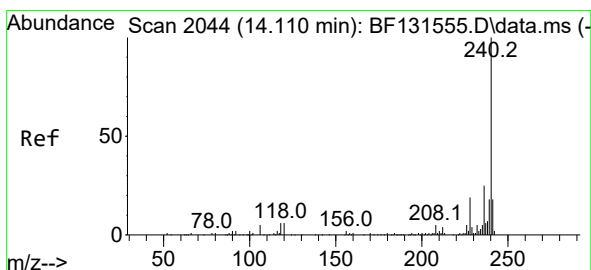
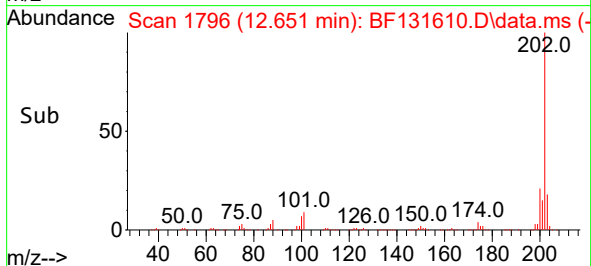
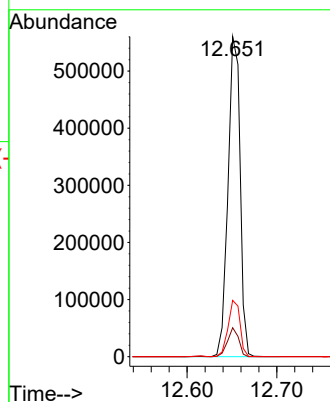
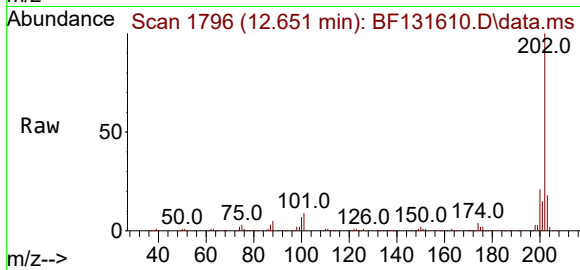
Tgt Ion:202 Resp: 525795

Ion Ratio Lower Upper

202 100

101 9.0 0.0 27.7

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

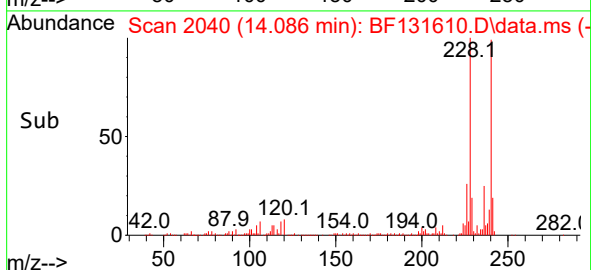
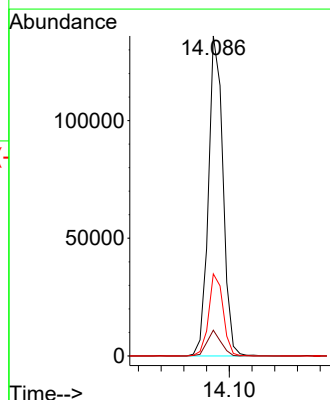
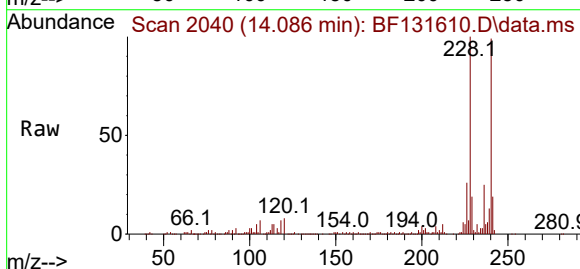
Tgt Ion:240 Resp: 120444

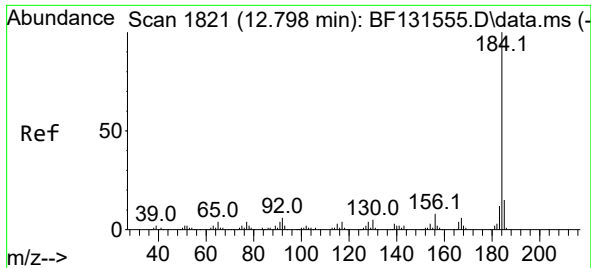
Ion Ratio Lower Upper

240 100

120 8.1 4.6 7.0#

236 25.6 20.2 30.2

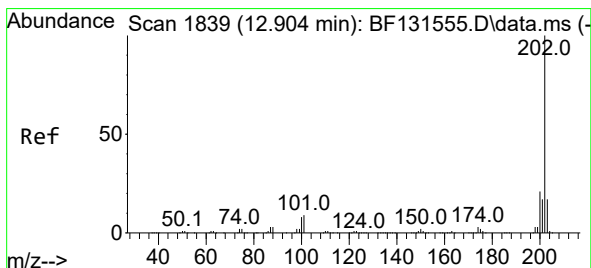
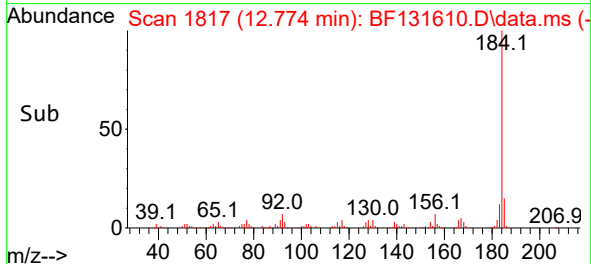
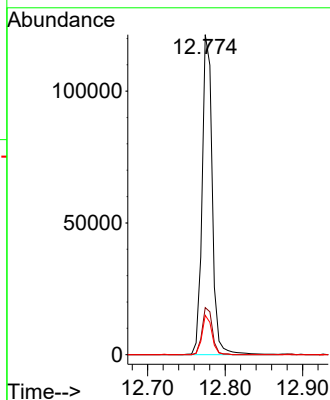
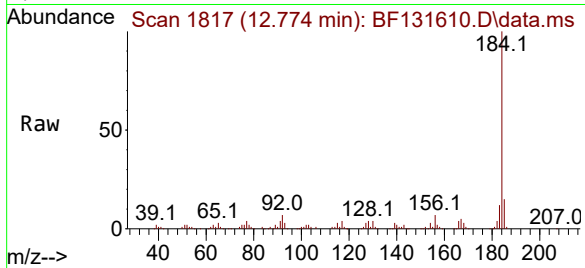




#77  
Benzidine  
Concen: 34.193 ng  
RT: 12.774 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

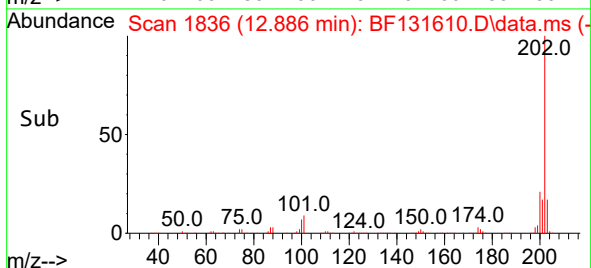
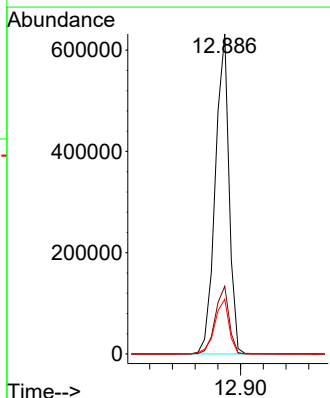
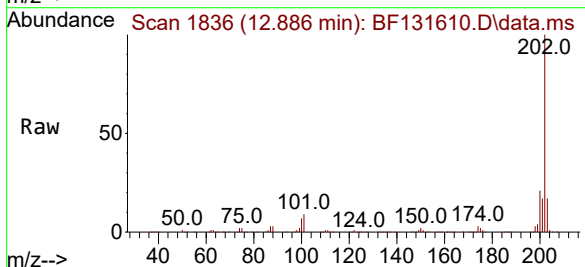
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

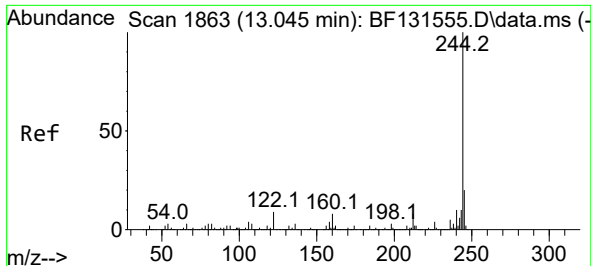
Tgt Ion:184 Resp: 110346  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.2 18.2  
183 12.3 9.3 13.9



#78  
Pyrene  
Concen: 44.748 ng  
RT: 12.886 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:202 Resp: 531449  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.7 25.1  
203 17.1 13.8 20.6

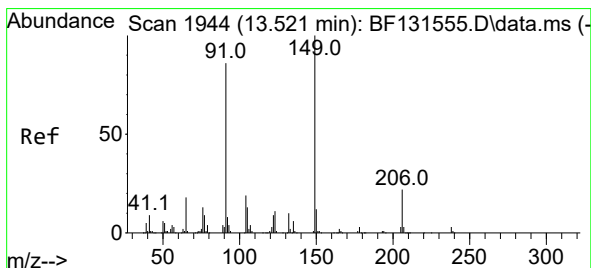
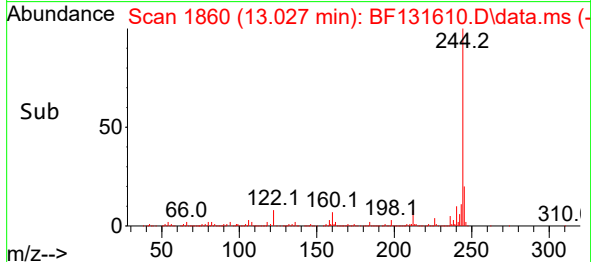
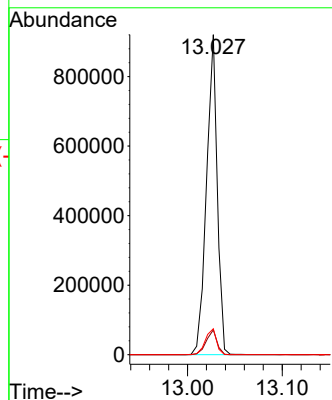
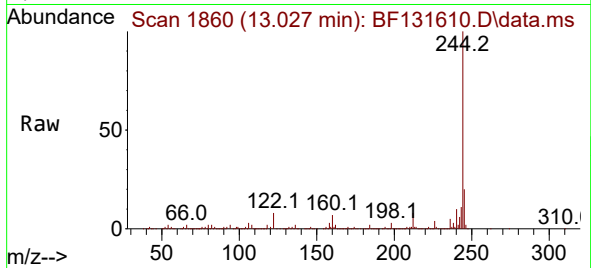




#79  
 Terphenyl-d14  
 Concen: 82.352 ng  
 RT: 13.027 min Scan# 1860  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

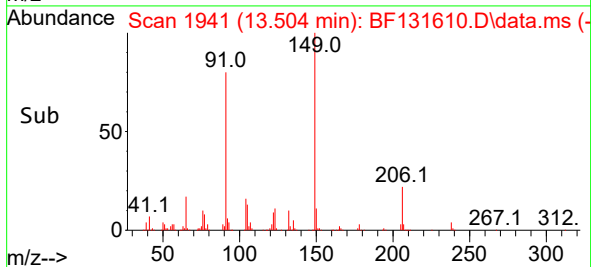
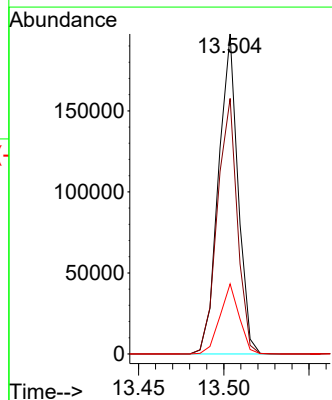
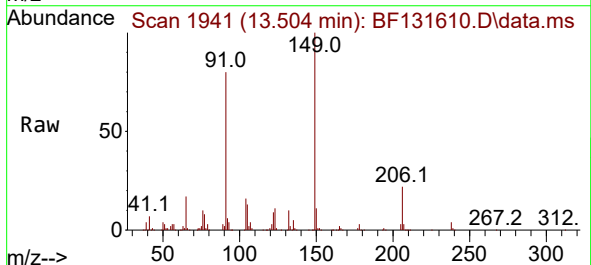
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

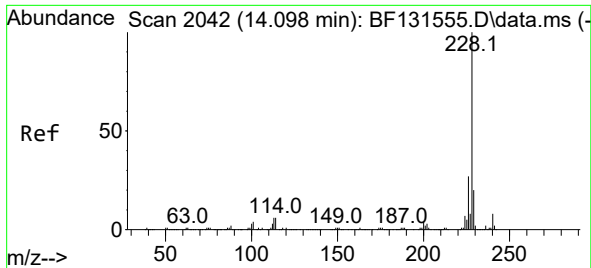
Tgt Ion:244 Resp: 723260  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 8.1 7.1 10.7



#80  
 Butylbenzylphthalate  
 Concen: 45.690 ng  
 RT: 13.504 min Scan# 1941  
 Delta R.T. 0.000 min  
 Lab File: BF131610.D  
 Acq: 13 Dec 2022 12:59

Tgt Ion:149 Resp: 157035  
 Ion Ratio Lower Upper  
 149 100  
 91 79.8 69.0 103.4  
 206 21.9 17.8 26.8

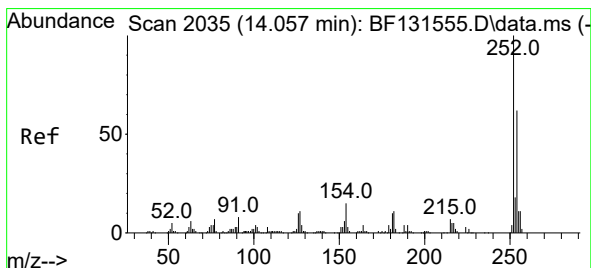
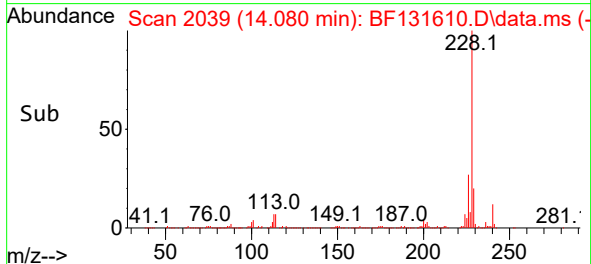
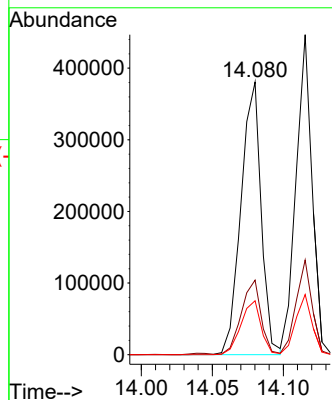
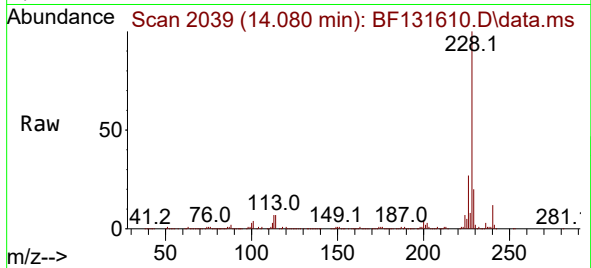




#81  
Benzo(a)anthracene  
Concen: 43.454 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

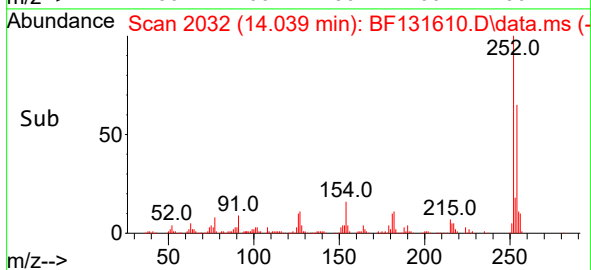
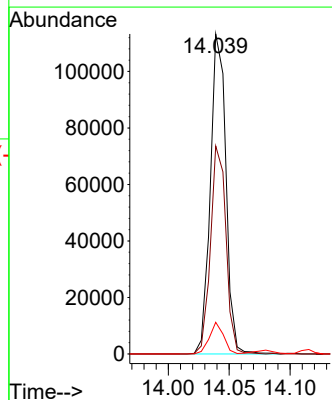
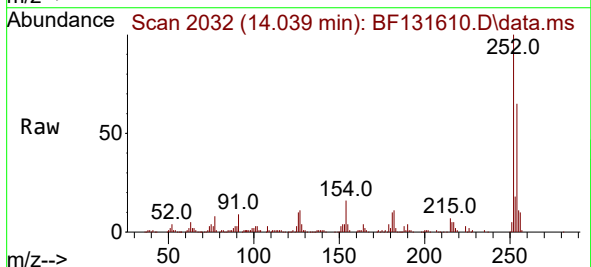
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

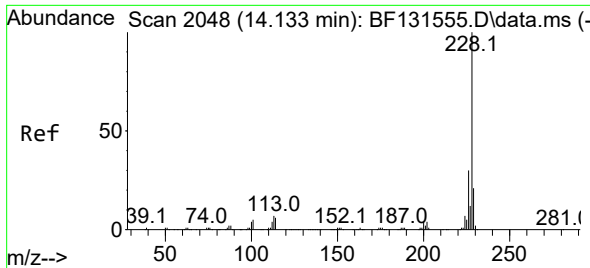
Tgt Ion:228 Resp: 377961  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.5 32.3  
229 19.8 15.8 23.6



#82  
3,3'-Dichlorobenzidine  
Concen: 40.779 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:252 Resp: 100916  
Ion Ratio Lower Upper  
252 100  
254 65.0 49.6 74.4  
126 9.9 7.9 11.9





#83

Chrysene

Concen: 42.823 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

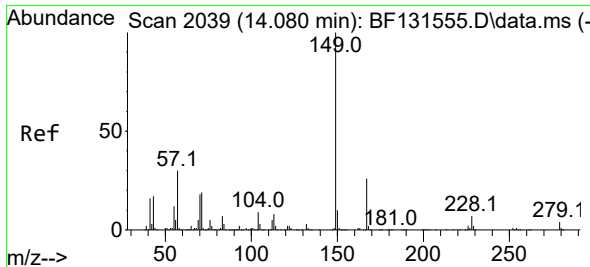
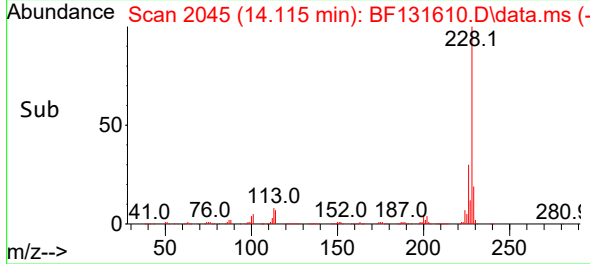
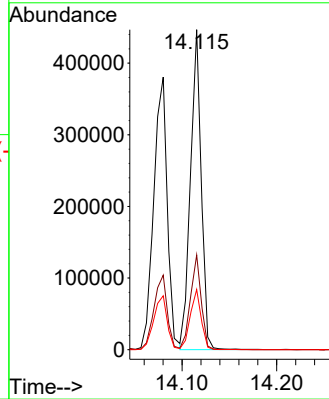
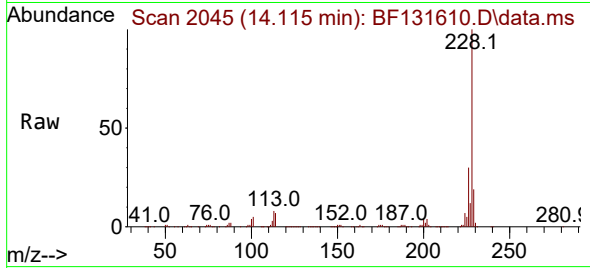
Tgt Ion:228 Resp: 354107

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 18.8 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.171 ng

RT: 14.062 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

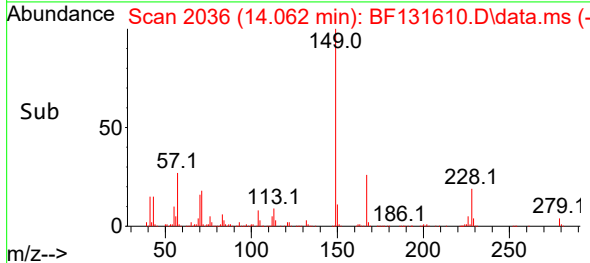
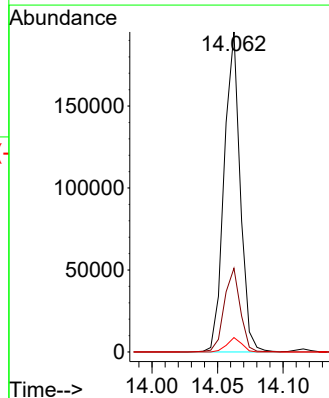
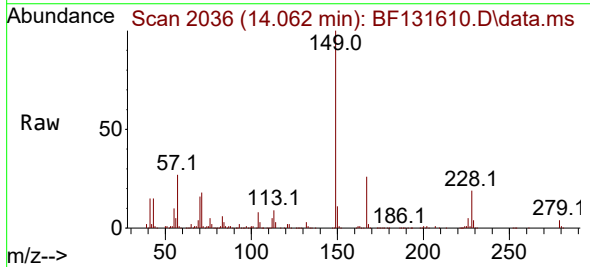
Tgt Ion:149 Resp: 165628

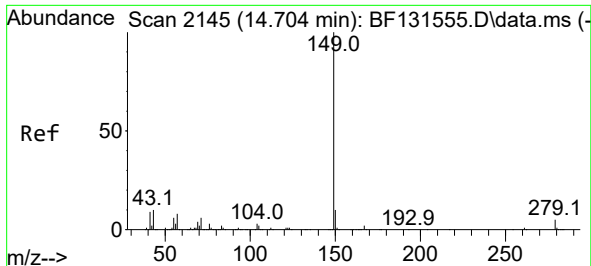
Ion Ratio Lower Upper

149 100

167 26.2 20.8 31.2

279 4.5 3.3 4.9

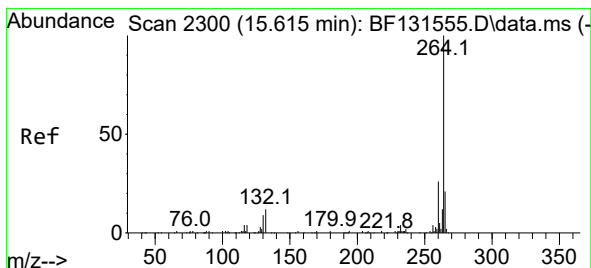
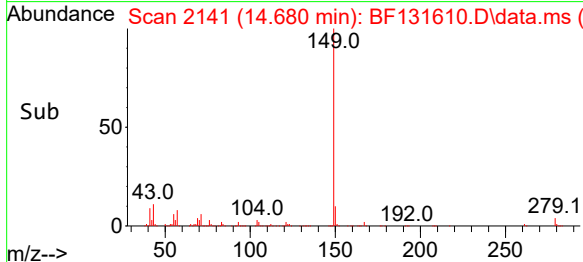
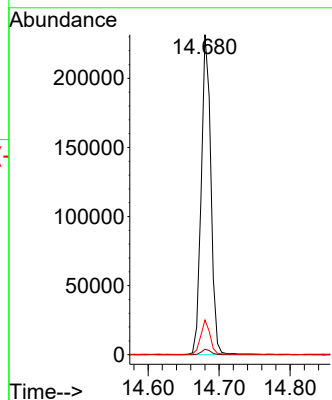
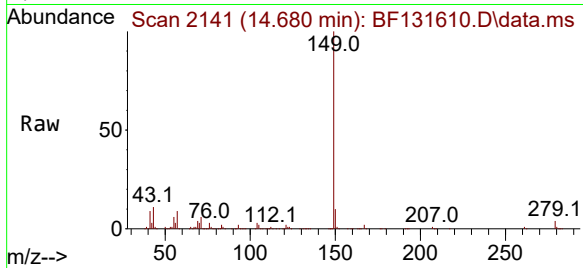




#85  
Di-n-octyl phthalate  
Concen: 30.673 ng  
RT: 14.680 min Scan# 2145  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

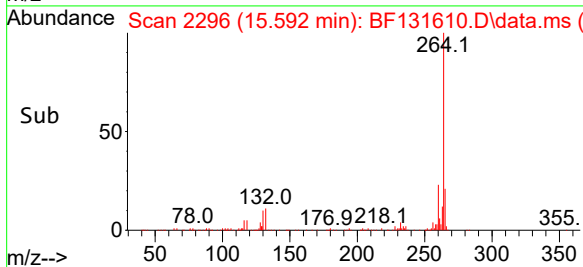
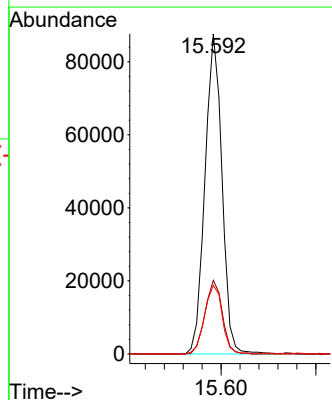
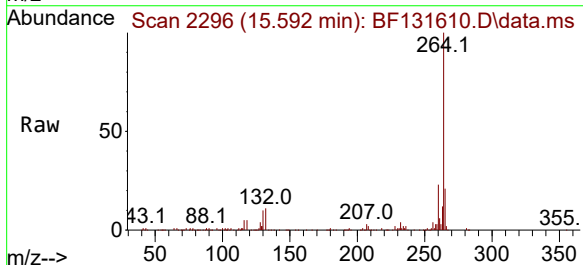
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

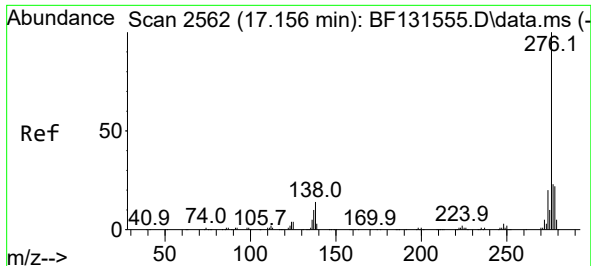
Tgt Ion:149 Resp: 219112  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 10.5 8.6 13.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.592 min Scan# 2296  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:264 Resp: 109042  
Ion Ratio Lower Upper  
264 100  
260 23.0 20.6 30.8  
265 21.4 16.8 25.2

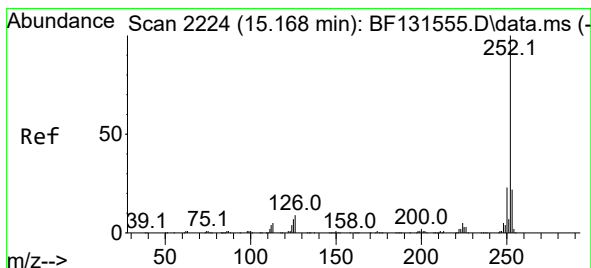
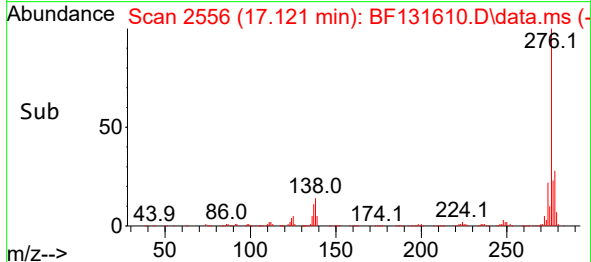
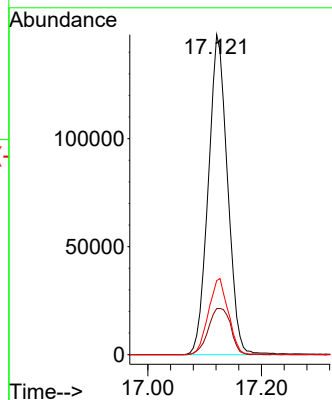
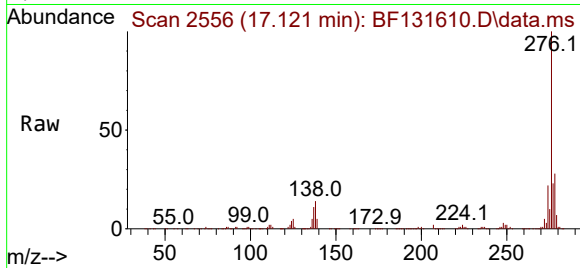




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 39.067 ng  
RT: 17.121 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

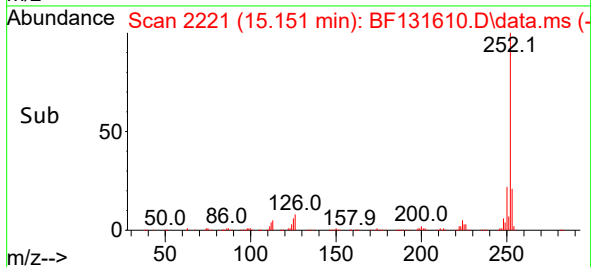
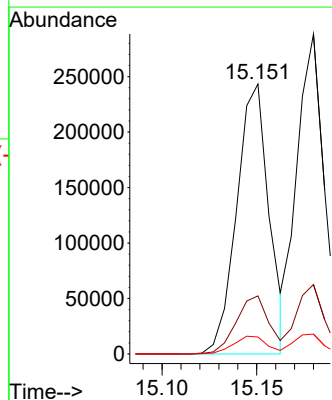
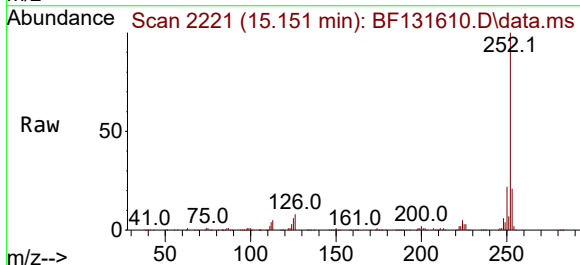
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

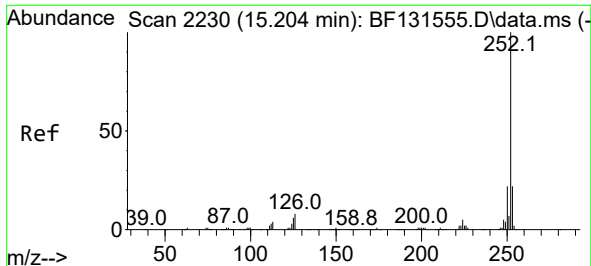
Tgt Ion:276 Resp: 347658  
Ion Ratio Lower Upper  
276 100  
138 16.8 12.7 19.1  
277 24.6 20.0 30.0



#88  
Benzo(b)fluoranthene  
Concen: 40.182 ng  
RT: 15.151 min Scan# 2221  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:252 Resp: 288779  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.7 26.5  
125 6.3 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 38.625 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

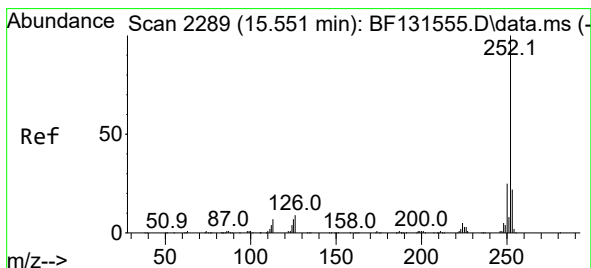
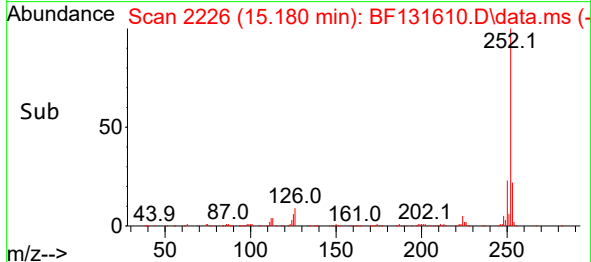
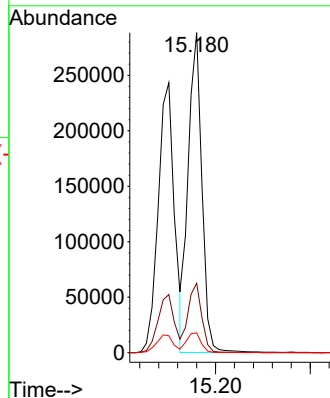
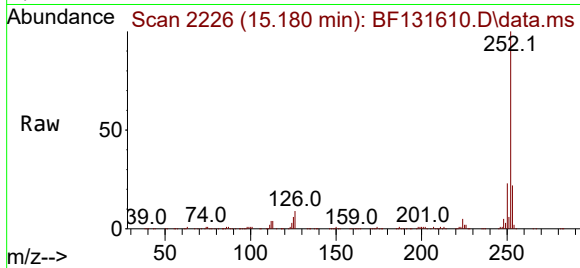
Tgt Ion:252 Resp: 289735

Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 6.2 4.9 7.3



#90

Benzo(a)pyrene

Concen: 40.348 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.000 min

Lab File: BF131610.D

Acq: 13 Dec 2022 12:59

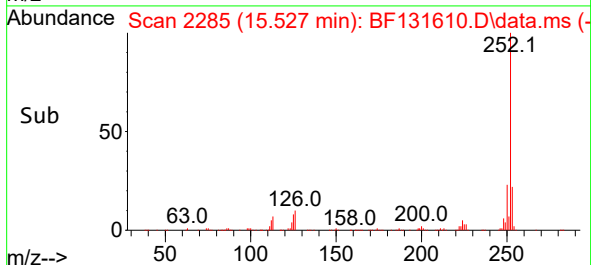
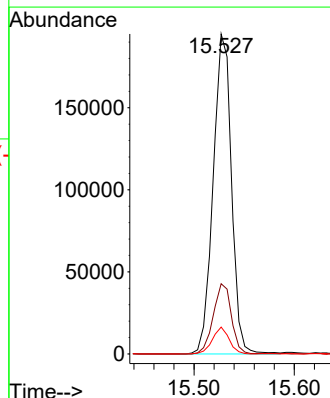
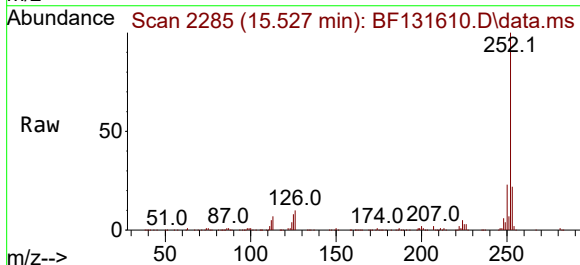
Tgt Ion:252 Resp: 247466

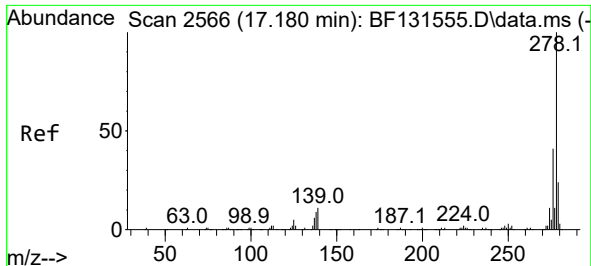
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.4 5.6 8.4#

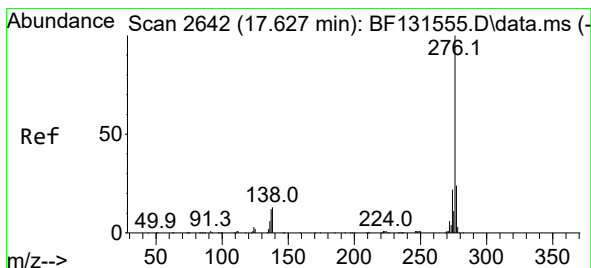
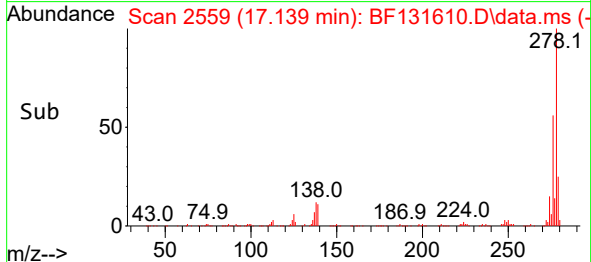
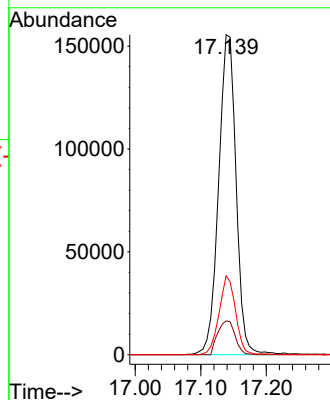
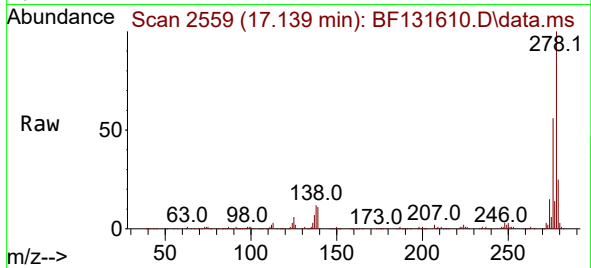




#91  
Dibenzo(a,h)anthracene  
Concen: 39.180 ng  
RT: 17.139 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 286956  
Ion Ratio Lower Upper  
278 100  
139 10.6 8.9 13.3  
279 24.7 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 39.011 ng  
RT: 17.592 min Scan# 2636  
Delta R.T. 0.000 min  
Lab File: BF131610.D  
Acq: 13 Dec 2022 12:59

Tgt Ion:276 Resp: 287152  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.0 28.6  
138 14.9 10.7 16.1

