

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091423\  
 Data File : BF135269.D  
 Acq On : 14 Sep 2023 23:18  
 Operator : CG\JU  
 Sample : 04283-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 15 01:39:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.763  | 152  | 121947   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.045  | 136  | 471079   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.804  | 164  | 216845   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.292 | 188  | 350700   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.951 | 240  | 197046   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.415 | 264  | 212499   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 707565   | 94.370 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.416  | 99   | 932981   | 97.860 | ng    | 0.01     |
| 23) Nitrobenzene-d5           | 7.333  | 82   | 579989   | 66.890 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.598 | 330  | 172033   | 79.833 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.122  | 172  | 1007880  | 70.124 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.886 | 244  | 767271   | 60.362 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.581  | 88   | 147148   | 44.769 | ng    | 99       |
| 3) Pyridine                   | 3.328  | 79   | 349207   | 39.475 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.298  | 42   | 231479   | 49.311 | ng    | 95       |
| 6) Aniline                    | 6.434  | 93   | 422998   | 33.834 | ng    | # 76     |
| 8) 2-Chlorophenol             | 6.551  | 128  | 408175   | 50.997 | ng    | 99       |
| 9) Benzaldehyde               | 6.316  | 77   | 151404   | 27.877 | ng    | 98       |
| 10) Phenol                    | 6.428  | 94   | 471019   | 45.055 | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 6.504  | 93   | 387255   | 49.383 | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 6.704  | 146  | 411834   | 50.629 | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 6.781  | 146  | 413143   | 49.922 | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 6.934  | 146  | 392079   | 51.016 | ng    | 98       |
| 15) Benzyl Alcohol            | 6.916  | 79   | 350146   | 51.181 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.039  | 45   | 714481   | 48.337 | ng    | 88       |
| 17) 2-Methylphenol            | 7.028  | 107  | 316092   | 44.752 | ng    | 96       |
| 18) Hexachloroethane          | 7.269  | 117  | 153022   | 50.042 | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 7.186  | 70   | 267096   | 45.230 | ng    | 98       |
| 20) 3+4-Methylphenols         | 7.181  | 107  | 367201   | 43.235 | ng    | 97       |
| 22) Acetophenone              | 7.175  | 105  | 527039   | 48.935 | ng    | # 97     |
| 24) Nitrobenzene              | 7.351  | 77   | 421679   | 49.203 | ng    | 100      |
| 25) Isophorone                | 7.592  | 82   | 773776   | 48.598 | ng    | 99       |
| 26) 2-Nitrophenol             | 7.663  | 139  | 197212   | 47.946 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 7.710  | 122  | 320980   | 46.426 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 7.798  | 93   | 470803   | 49.404 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 7.910  | 162  | 307091   | 47.934 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 7.986  | 180  | 340541   | 50.856 | ng    | 97       |
| 31) Naphthalene               | 8.069  | 128  | 1117809  | 48.838 | ng    | 99       |
| 32) Benzoic acid              | 7.828  | 122  | 114112   | 21.919 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.122  | 127  | 329028   | 32.765 | ng    | 99       |
| 34) Hexachlorobutadiene       | 8.180  | 225  | 204622   | 50.678 | ng    | 99       |
| 35) Caprolactam               | 8.504  | 113  | 77277    | 35.941 | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 8.610  | 107  | 322934   | 45.354 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 8.757  | 142  | 689852   | 44.838 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.857  | 142  | 659654   | 45.795 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 8.922  | 216  | 333433   | 53.076 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 8.904  | 237  | 120369   | 46.855 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.039  | 196  | 198206   | 48.188 | ng    | 98       |

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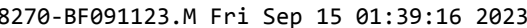
Instrument :  
 BNA\_F  
 ClientSampleId :

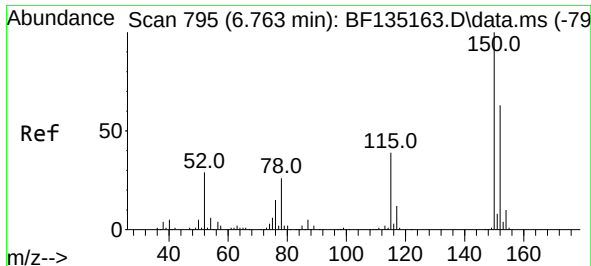
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 00:19:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.086  | 196  | 201271   | 42.491 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 9.227  | 154  | 851445   | 51.094 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.251  | 162  | 635835   | 52.588 | ng    | 98       |
| 48) 2-Nitroaniline            | 9.351  | 65   | 241315   | 51.374 | ng    | 97       |
| 49) Acenaphthylene            | 9.663  | 152  | 1006627  | 50.096 | ng    | 99       |
| 50) Dimethylphthalate         | 9.533  | 163  | 757570   | 51.673 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.598  | 165  | 163222   | 50.821 | ng    | 91       |
| 52) Acenaphthene              | 9.839  | 154  | 585582   | 49.331 | ng    | 98       |
| 53) 3-Nitroaniline            | 9.769  | 138  | 161078   | 42.726 | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 9.874  | 184  | 20752    | 16.740 | ng    | # 88     |
| 55) Dibenzofuran              | 10.010 | 168  | 862539   | 47.617 | ng    | 99       |
| 56) 4-Nitrophenol             | 9.939  | 139  | 172823   | 72.128 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 10.004 | 165  | 184540   | 45.896 | ng    | 90       |
| 58) Fluorene                  | 10.357 | 166  | 650477   | 46.711 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 10.133 | 232  | 147537   | 40.490 | ng    | 99       |
| 60) Diethylphthalate          | 10.233 | 149  | 731171   | 49.694 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 10.345 | 204  | 316190   | 47.268 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.386 | 138  | 154338   | 42.589 | ng    | 95       |
| 63) Azobenzene                | 10.510 | 77   | 680329   | 47.245 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 10.416 | 198  | 24302    | 13.047 | ng    | 84       |
| 66) n-Nitrosodiphenylamine    | 10.469 | 169  | 603145   | 56.808 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 10.839 | 248  | 193407   | 55.450 | ng    | 97       |
| 68) Hexachlorobenzene         | 10.904 | 284  | 200214   | 56.344 | ng    | 97       |
| 69) Atrazine                  | 11.004 | 200  | 172661   | 60.438 | ng    | 98       |
| 70) Pentachlorophenol         | 11.098 | 266  | 116843   | 54.959 | ng    | 96       |
| 71) Phenanthrene              | 11.321 | 178  | 843988   | 50.884 | ng    | 100      |
| 72) Anthracene                | 11.369 | 178  | 851778   | 49.960 | ng    | 99       |
| 73) Carbazole                 | 11.533 | 167  | 746929   | 48.126 | ng    | 98       |
| 74) Di-n-butylphthalate       | 11.863 | 149  | 994062   | 54.355 | ng    | 99       |
| 75) Fluoranthene              | 12.515 | 202  | 787505   | 45.565 | ng    | 98       |
| 77) Benzidine                 | 12.639 | 184  | 188279   | 46.640 | ng    | 99       |
| 78) Pyrene                    | 12.745 | 202  | 787639   | 41.984 | ng    | 99       |
| 80) Butylbenzylphthalate      | 13.368 | 149  | 312730   | 47.346 | ng    | 95       |
| 81) Benzo(a)anthracene        | 13.939 | 228  | 645376   | 50.722 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 13.904 | 252  | 207754   | 52.274 | ng    | 99       |
| 83) Chrysene                  | 13.980 | 228  | 626877   | 49.554 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 13.933 | 149  | 398060   | 58.728 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 14.551 | 149  | 730282   | 67.797 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 16.903 | 276  | 526179   | 37.765 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 14.992 | 252  | 616992   | 53.636 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 15.021 | 252  | 598167   | 52.640 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.357 | 252  | 522802   | 47.658 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.915 | 278  | 439918   | 38.589 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 17.345 | 276  | 406078   | 34.107 | ng    | 100      |

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

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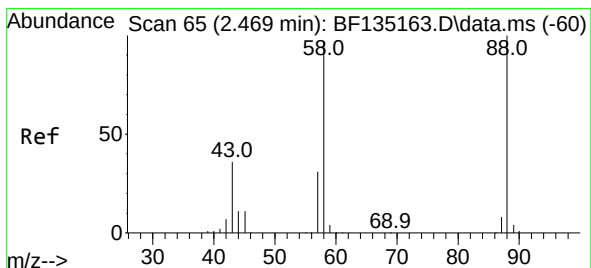
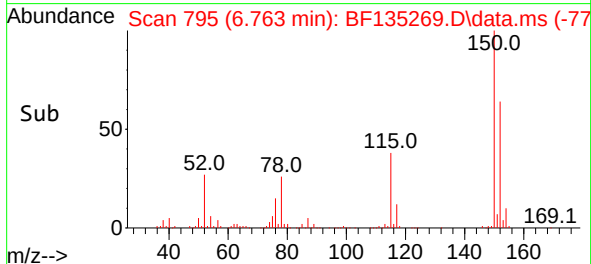
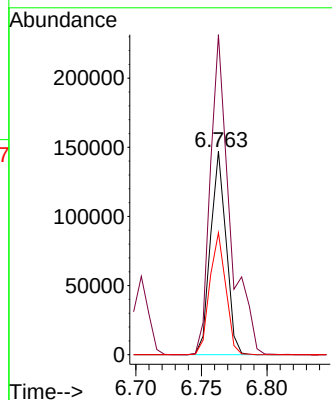
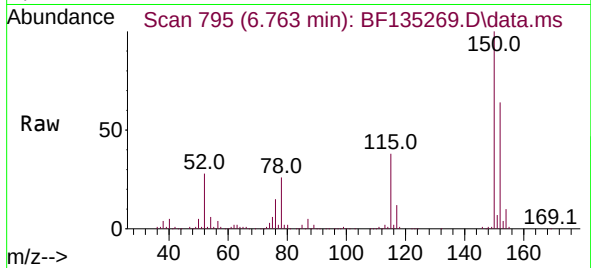




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 79  
 Delta R.T. -0.000 min  
 Lab File: BF135269.D  
 Acq: 14 Sep 2023 23:18

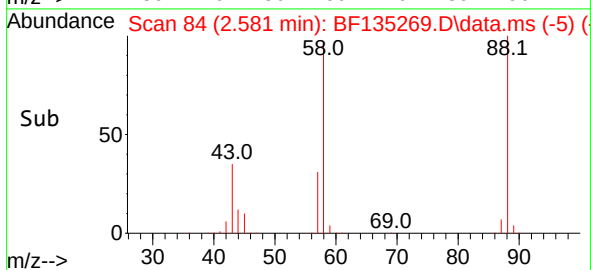
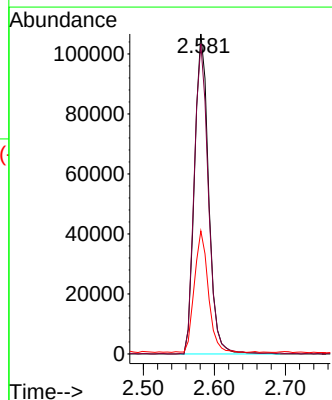
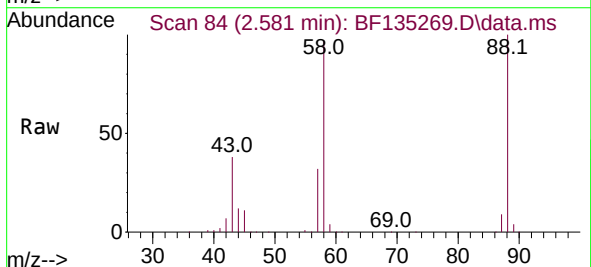
Instrument :  
 BNA\_F  
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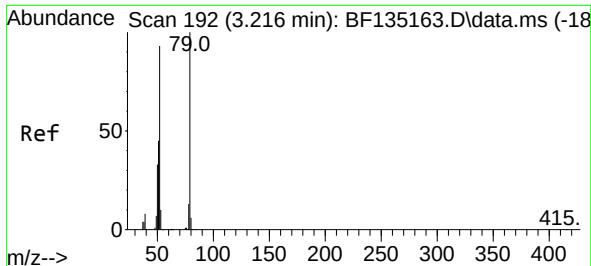
Tgt Ion:152 Resp: 121947  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 127.8 191.6  
 115 60.0 49.8 74.8



#2  
 1,4-Dioxane  
 Concen: 44.769 ng  
 RT: 2.581 min Scan# 84  
 Delta R.T. 0.112 min  
 Lab File: BF135269.D  
 Acq: 14 Sep 2023 23:18

Tgt Ion: 88 Resp: 147148  
 Ion Ratio Lower Upper  
 88 100  
 58 97.4 78.3 117.5  
 43 37.5 29.4 44.0

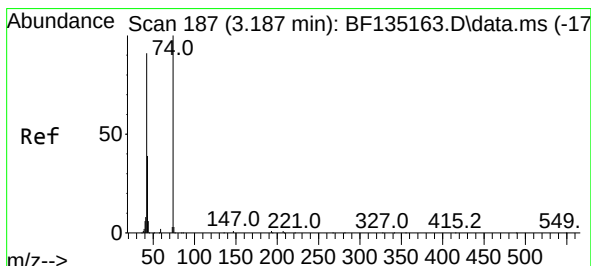
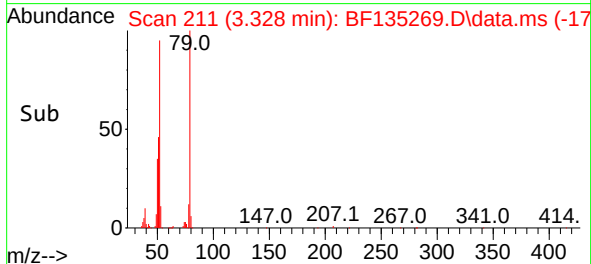
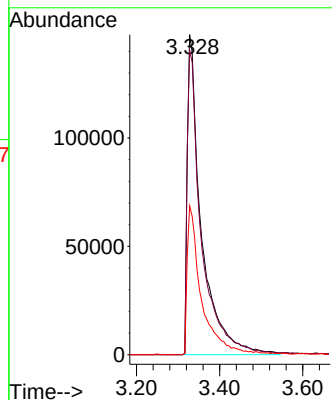
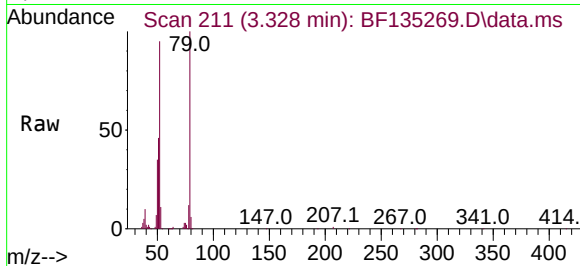




#3  
 Pyridine  
 Concen: 39.475 ng  
 RT: 3.328 min Scan# 211  
 Delta R.T. 0.112 min  
 Lab File: BF135269.D  
 Acq: 14 Sep 2023 23:18

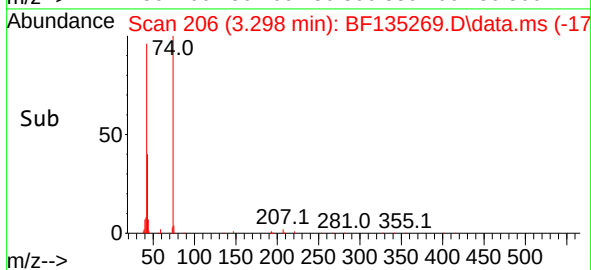
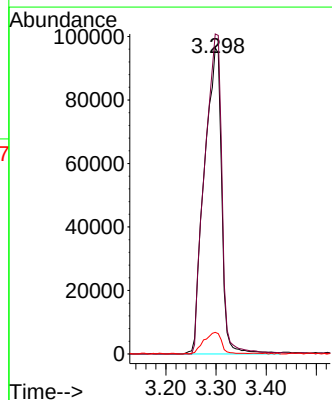
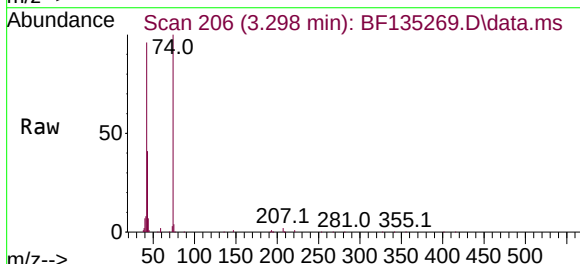
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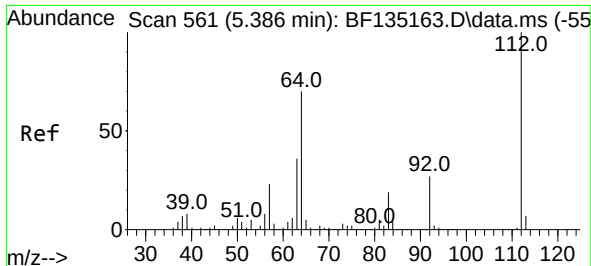
Tgt Ion: 79 Resp: 349207  
 Ion Ratio Lower Upper  
 79 100  
 52 95.1 74.1 111.1  
 51 46.5 35.8 53.8



#4  
 n-Nitrosodimethylamine  
 Concen: 49.311 ng  
 RT: 3.298 min Scan# 206  
 Delta R.T. 0.112 min  
 Lab File: BF135269.D  
 Acq: 14 Sep 2023 23:18

Tgt Ion: 42 Resp: 231479  
 Ion Ratio Lower Upper  
 42 100  
 74 104.5 87.7 131.5  
 44 7.1 5.6 8.4

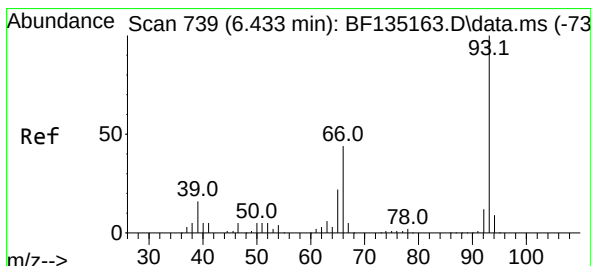
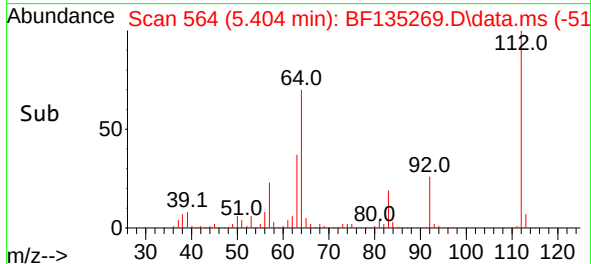
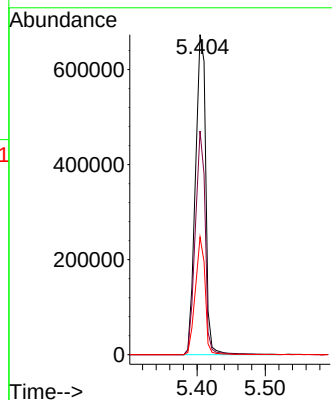
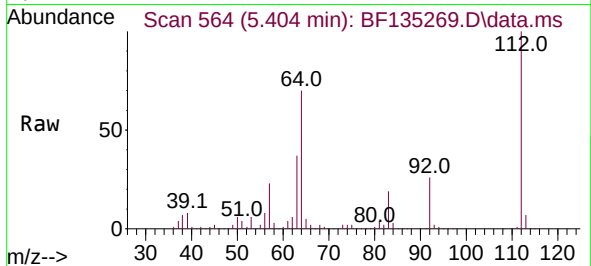




#5  
2-Fluorophenol  
Concen: 94.370 ng  
RT: 5.404 min Scan# 50  
Delta R.T. 0.018 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

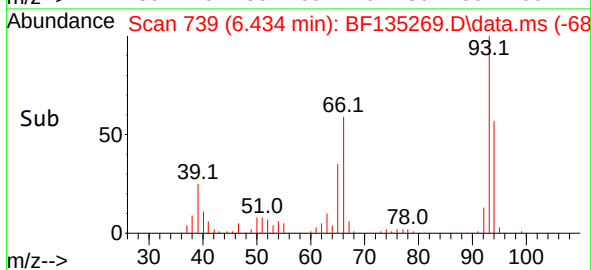
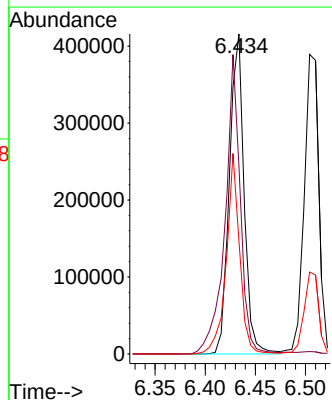
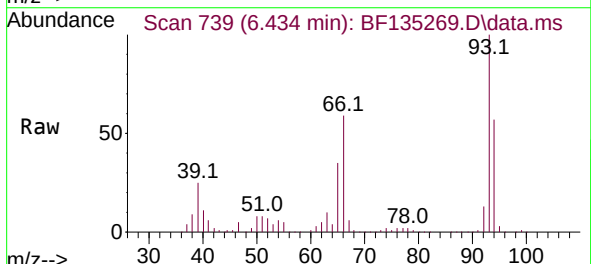
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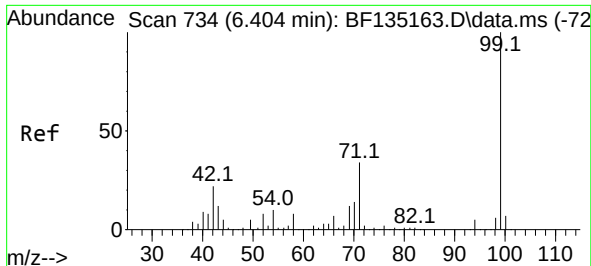
Tgt Ion:112 Resp: 707565  
Ion Ratio Lower Upper  
112 100  
64 69.9 55.9 83.9  
63 36.8 29.0 43.6



#6  
Aniline  
Concen: 33.834 ng  
RT: 6.434 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion: 93 Resp: 422998  
Ion Ratio Lower Upper  
93 100  
66 58.7 35.4 53.0#  
65 35.4 17.8 26.8#





#7

Phenol-d6

Concen: 97.860 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

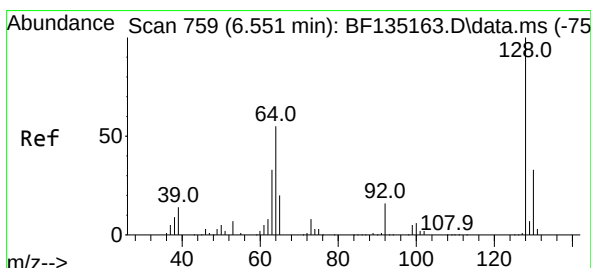
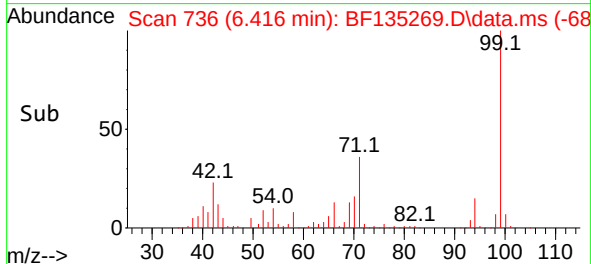
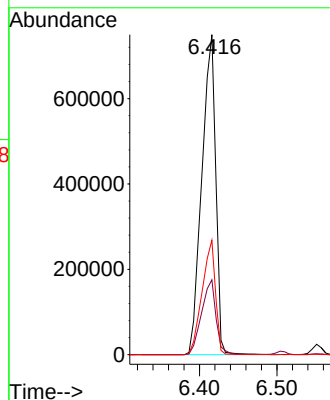
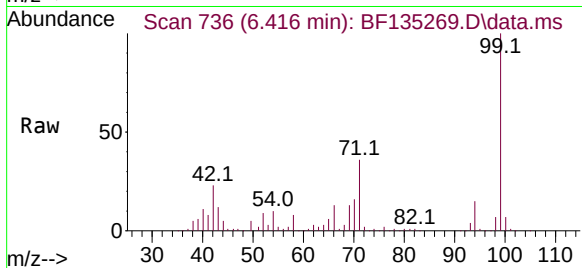
Tgt Ion: 99 Resp: 932981

Ion Ratio Lower Upper

99 100

42 23.4 17.9 26.9

71 35.8 27.0 40.6



#8

2-Chlorophenol

Concen: 50.997 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.000 min

Lab File: BF135269.D

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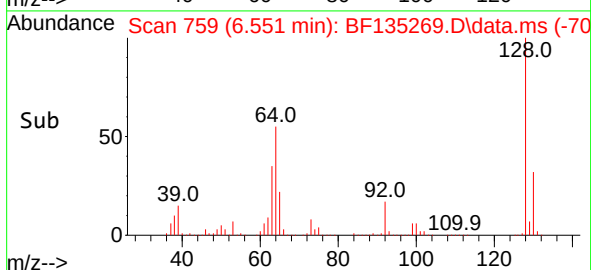
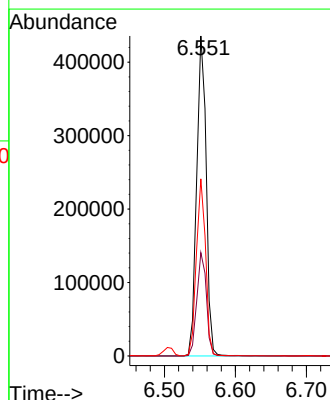
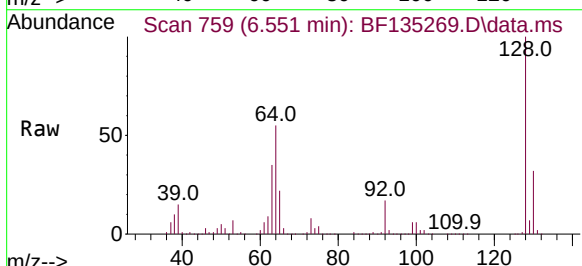
Tgt Ion:128 Resp: 408175

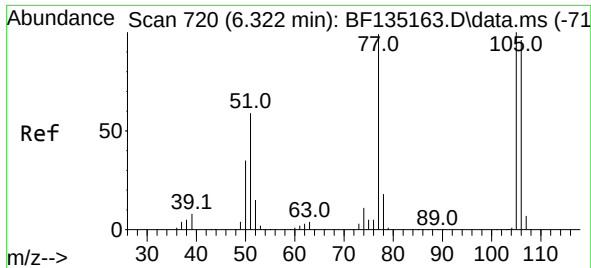
Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

64 55.4 35.9 75.9





#9

Benzaldehyde

Concen: 27.877 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

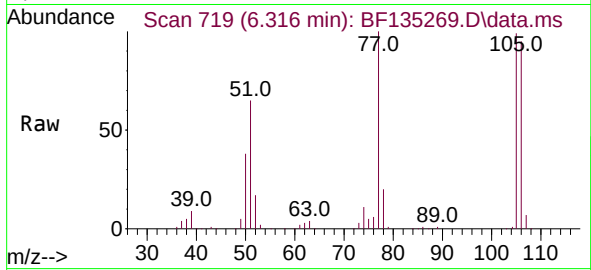
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ClientSampleId :



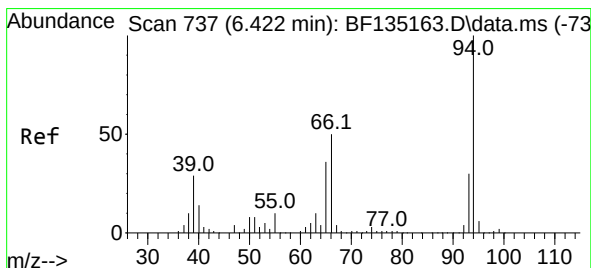
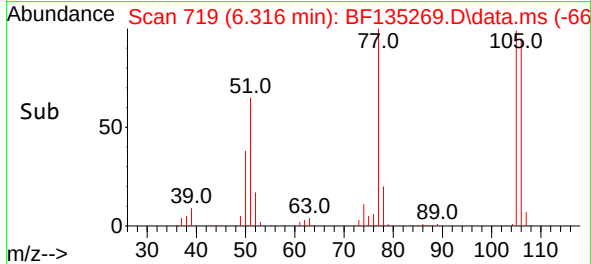
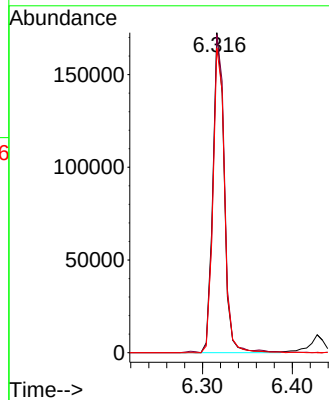
Tgt Ion: 77 Resp: 151404

Ion Ratio Lower Upper

77 100

105 99.4 81.4 121.4

106 95.3 76.9 116.9



#10

Phenol

Concen: 45.055 ng

RT: 6.428 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

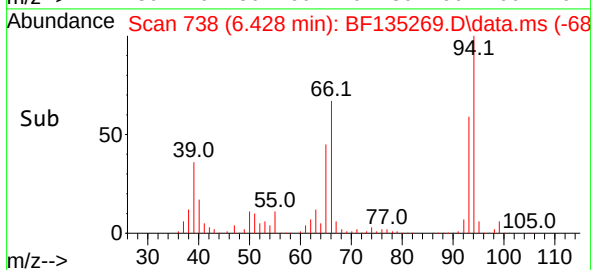
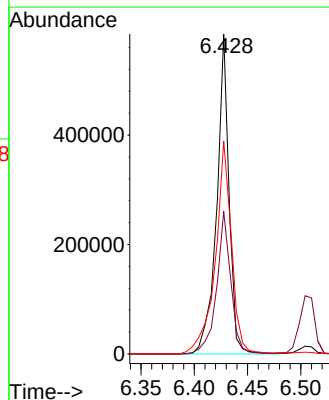
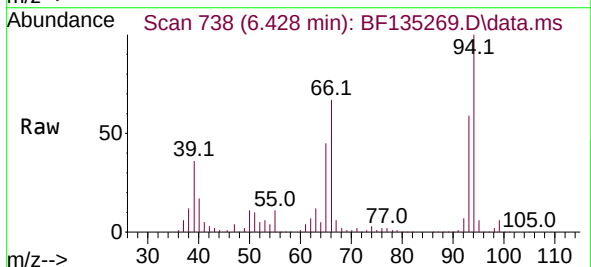
Tgt Ion: 94 Resp: 471019

Ion Ratio Lower Upper

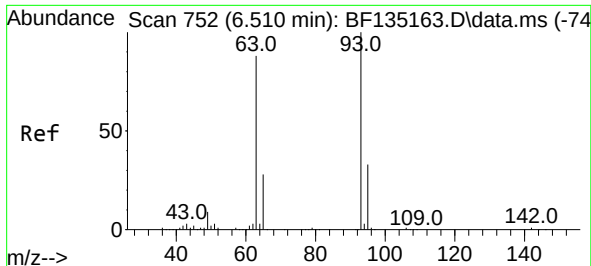
94 100

65 44.5 15.9 55.9

66 66.5 29.8 69.8







#11

bis(2-Chloroethyl)ether

Concen: 49.383 ng

RT: 6.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

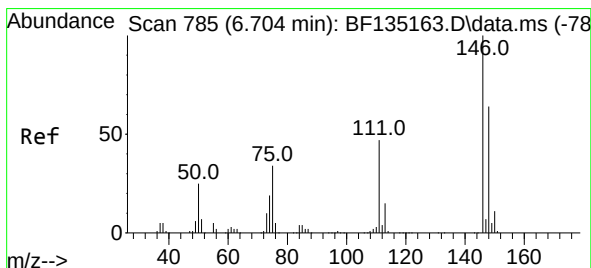
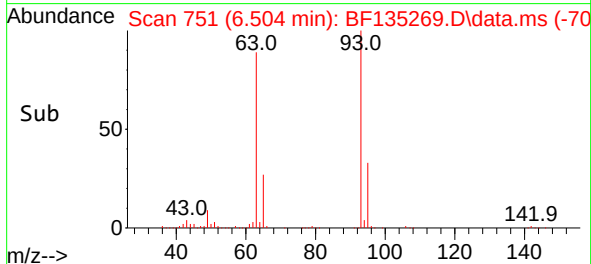
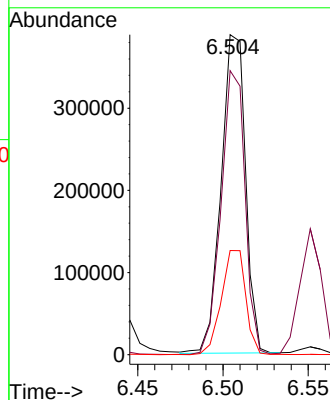
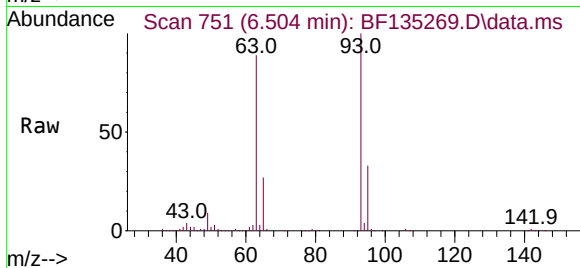
Tgt Ion: 93 Resp: 387255

Ion Ratio Lower Upper

93 100

63 88.8 67.3 107.3

95 32.6 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 50.629 ng

RT: 6.704 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

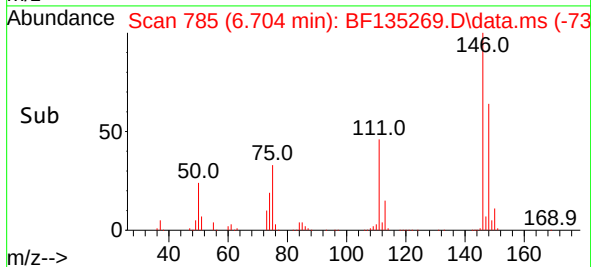
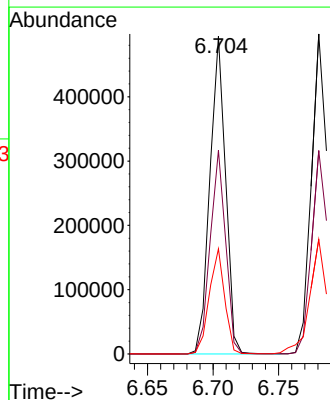
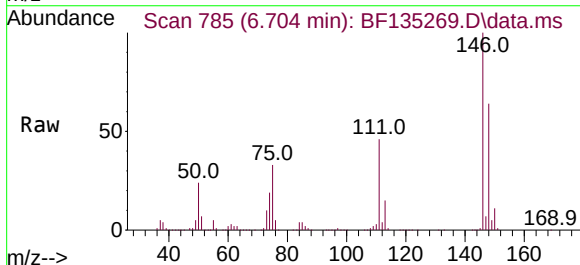
Tgt Ion: 146 Resp: 411834

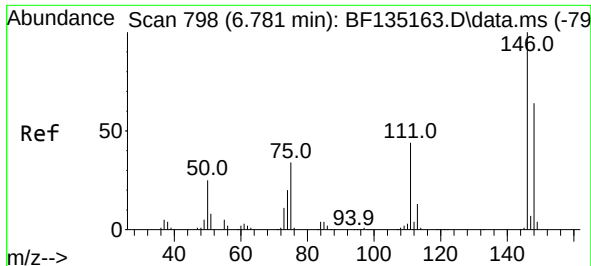
Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 33.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 49.922 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

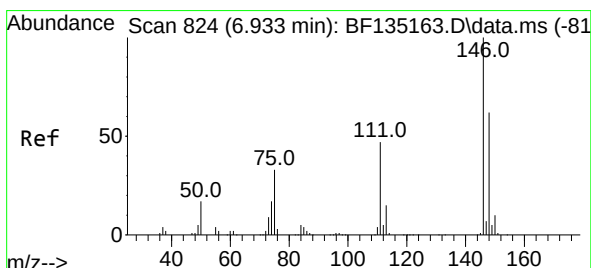
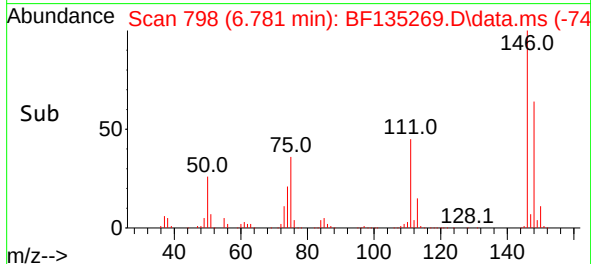
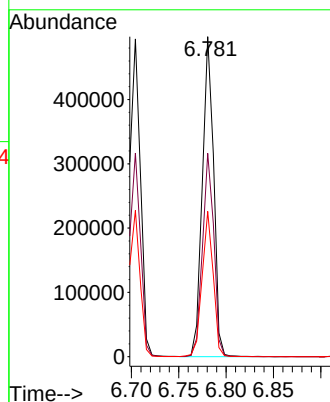
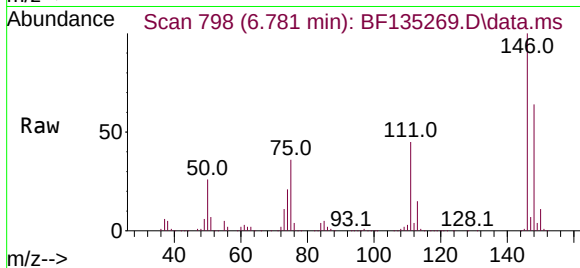
Tgt Ion:146 Resp: 413143

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 45.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 51.016 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

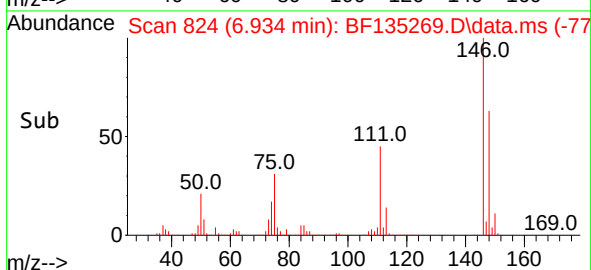
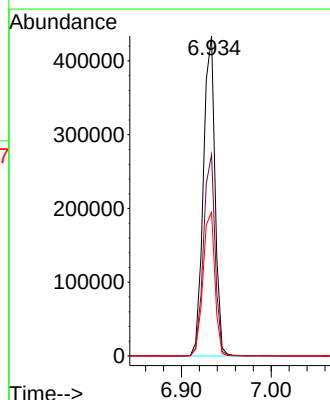
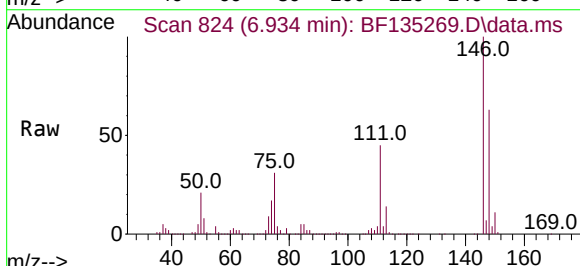
Tgt Ion:146 Resp: 392079

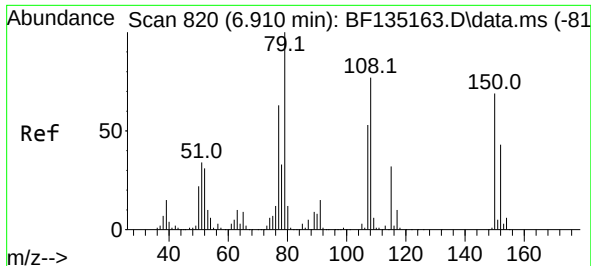
Ion Ratio Lower Upper

146 100

148 62.9 49.7 74.5

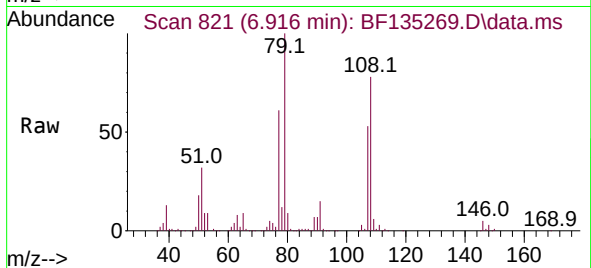
111 44.9 37.4 56.2



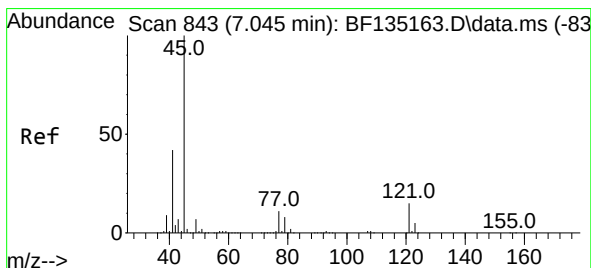
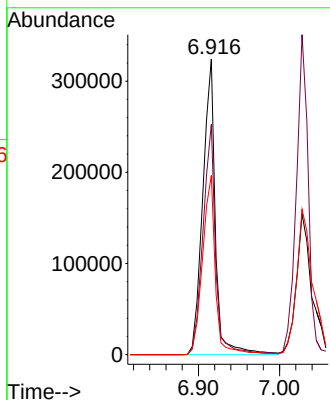
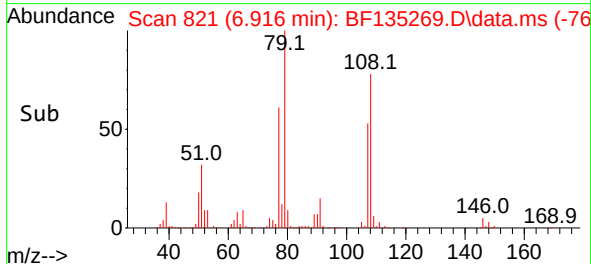


#15  
Benzyl Alcohol  
Concen: 51.181 ng  
RT: 6.916 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

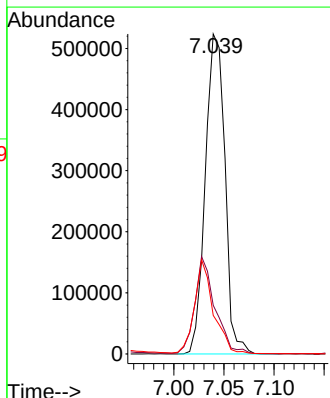
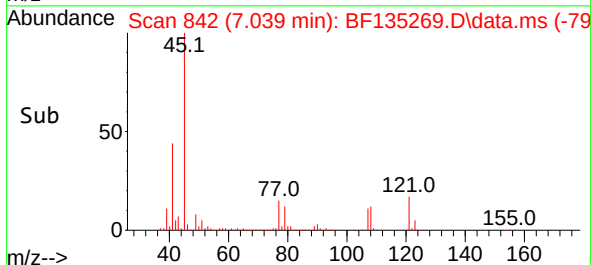
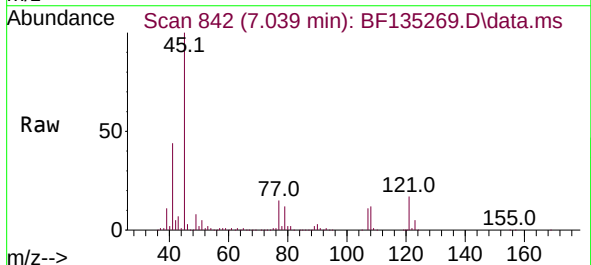


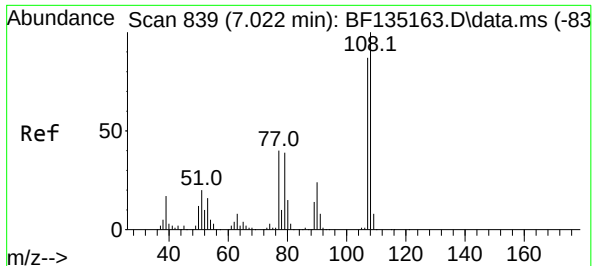
Tgt Ion: 79 Resp: 350146  
Ion Ratio Lower Upper  
79 100  
108 77.9 61.2 91.8  
77 60.6 50.5 75.7



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.337 ng  
RT: 7.039 min Scan# 842  
Delta R.T. -0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

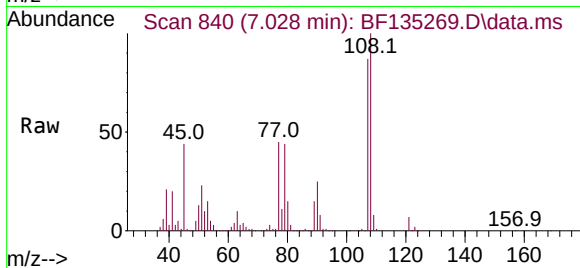
Tgt Ion: 45 Resp: 714481  
Ion Ratio Lower Upper  
45 100  
77 15.2 0.0 30.6  
79 12.1 0.0 28.3



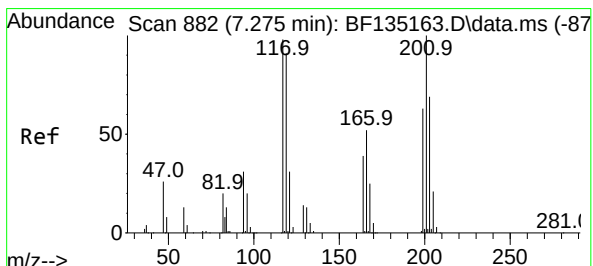
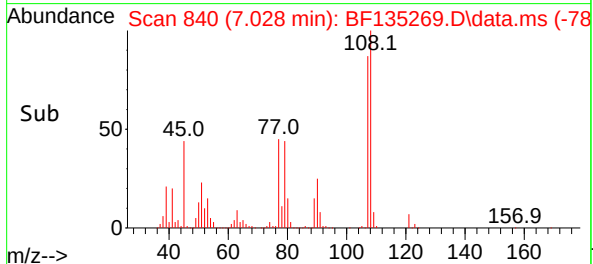
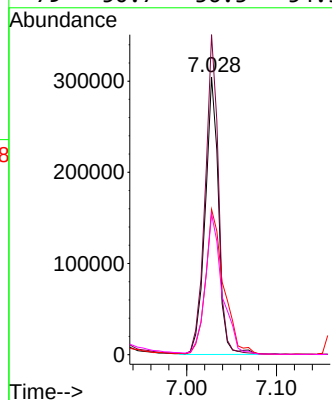


#17  
2-Methylphenol  
Concen: 44.752 ng  
RT: 7.028 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

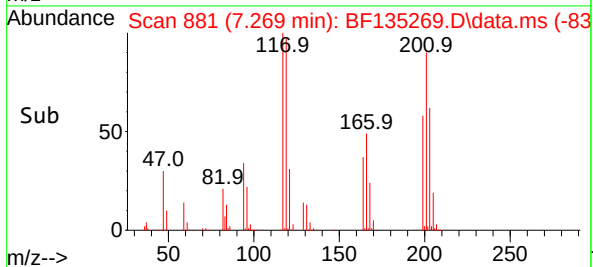
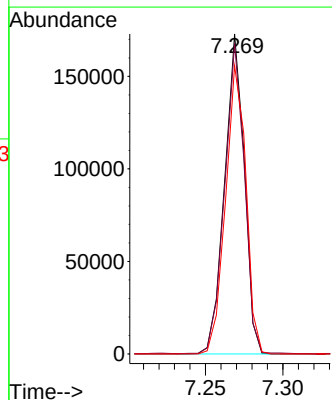
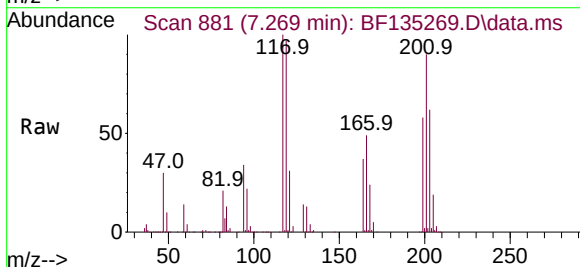


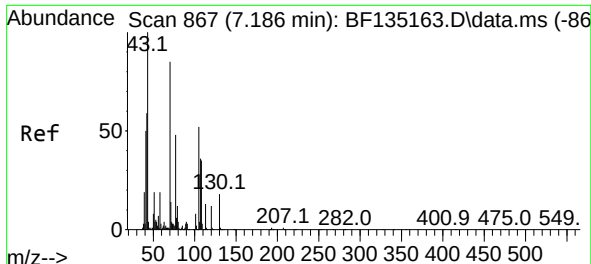
Tgt Ion:107 Resp: 316092  
Ion Ratio Lower Upper  
107 100  
108 115.3 92.0 138.0  
77 52.4 36.7 55.1  
79 50.7 36.3 54.5



#18  
Hexachloroethane  
Concen: 50.042 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

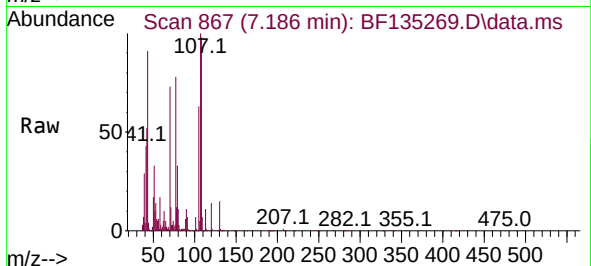
Tgt Ion:117 Resp: 153022  
Ion Ratio Lower Upper  
117 100  
119 97.1 74.7 112.1  
201 90.0 81.8 122.8



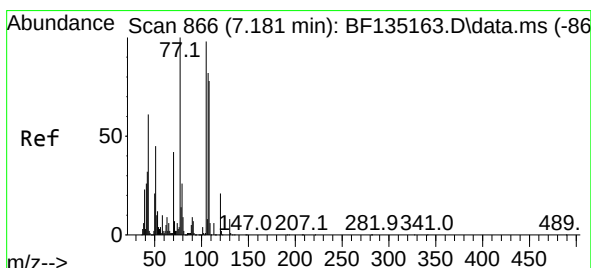
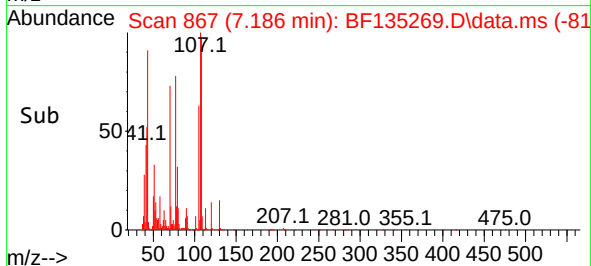
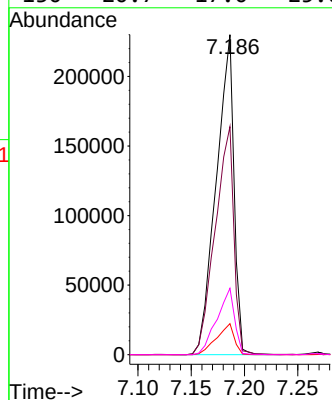


#19  
n-Nitroso-di-n-propylamine  
Concen: 45.230 ng  
RT: 7.186 min Scan# 867  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

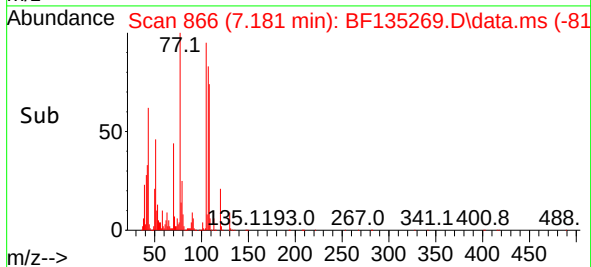
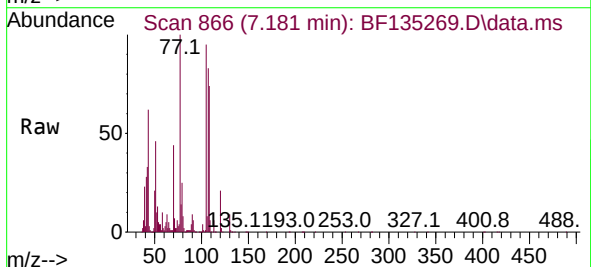
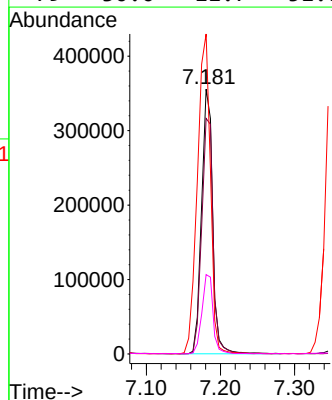


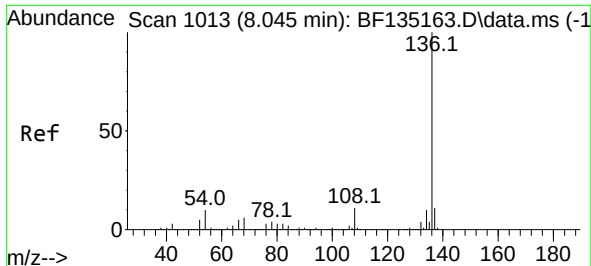
| Tgt Ion: | 70    | Resp: | 267096 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.2  | 55.4  | 83.0   |
| 101      | 9.7   | 7.7   | 11.5   |
| 130      | 20.7  | 17.0  | 25.6   |



#20  
3+4-Methylphenols  
Concen: 43.235 ng  
RT: 7.181 min Scan# 866  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

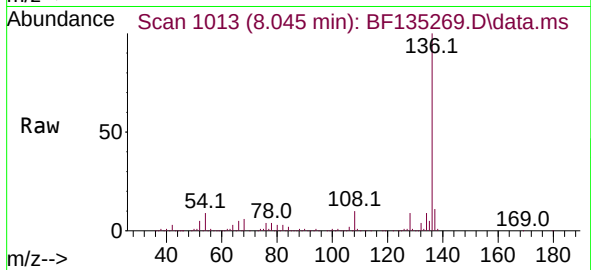
| Tgt Ion: | 107   | Resp: | 367201 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.9  | 74.7  | 114.7  |
| 77       | 120.9 | 102.0 | 142.0  |
| 79       | 30.0  | 11.7  | 51.7   |



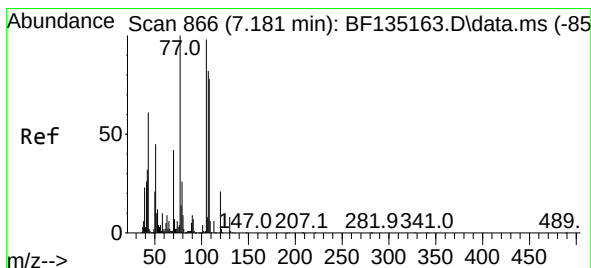
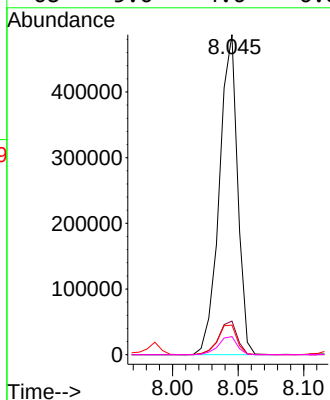
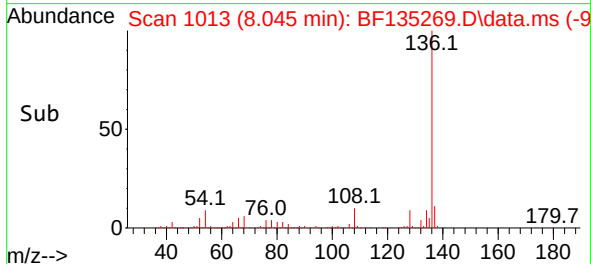


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.045 min Scan# 1013  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

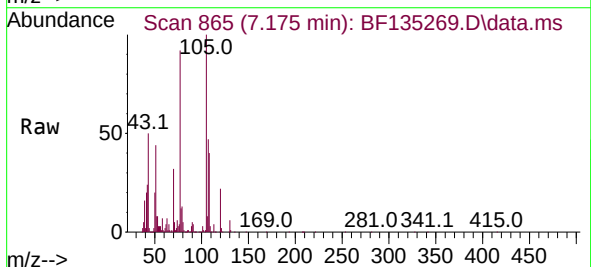
Instrument :  
BNA\_F  
ClientSampleId :



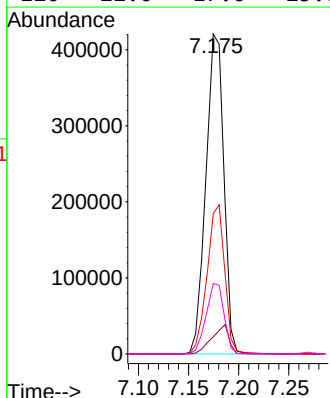
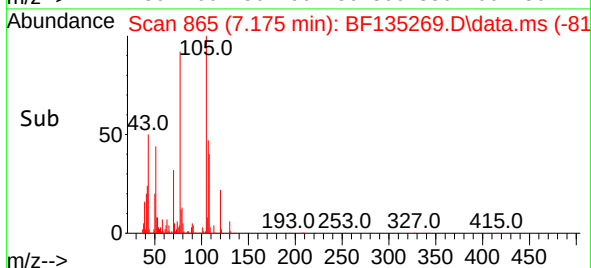
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 471079 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 8.8   | 13.2   |
| 54       | 9.3   | 7.7   | 11.5   |
| 68       | 5.6   | 4.6   | 6.8    |

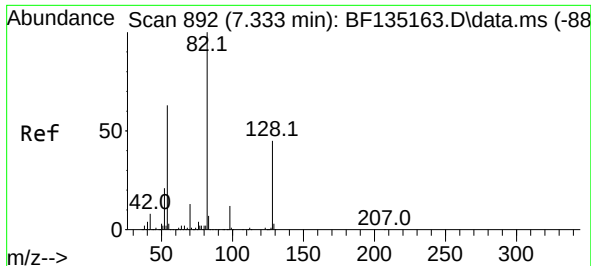


#22  
Acetophenone  
Concen: 48.935 ng  
RT: 7.175 min Scan# 865  
Delta R.T. -0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 527039 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 5.3   | 5.8   | 8.6#   |
| 51       | 43.9  | 37.0  | 55.4   |
| 120      | 22.0  | 17.0  | 25.6   |





#23

Nitrobenzene-d5

Concen: 66.890 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

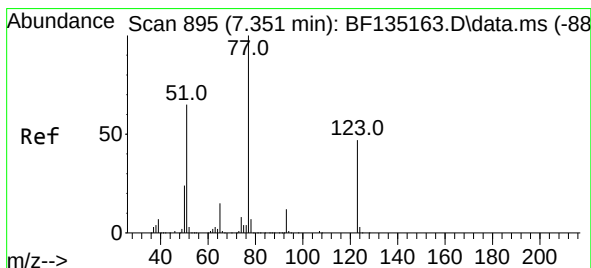
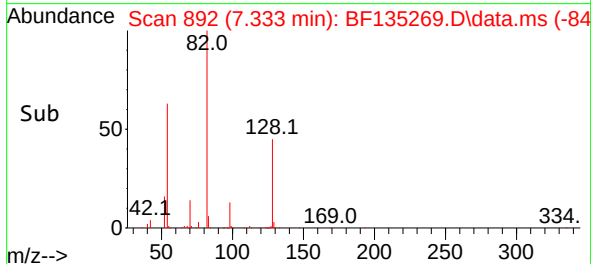
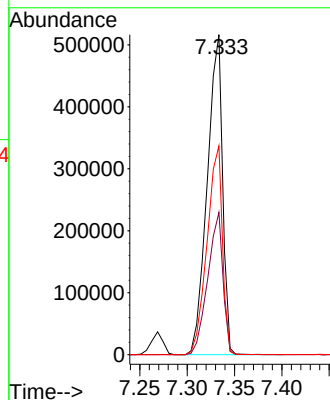
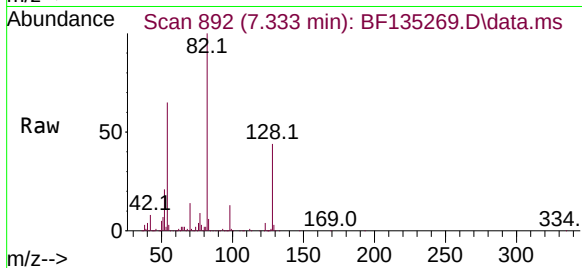
Tgt Ion: 82 Resp: 579989

Ion Ratio Lower Upper

82 100

128 44.4 35.8 53.6

54 65.2 50.6 76.0



#24

Nitrobenzene

Concen: 49.203 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

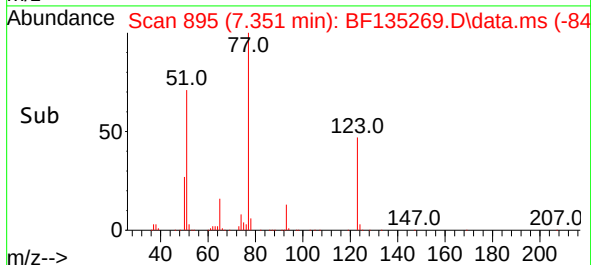
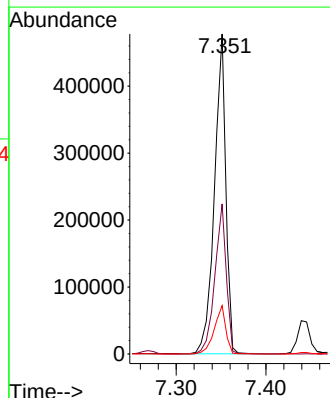
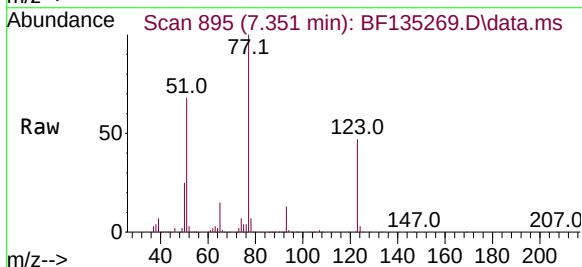
Tgt Ion: 77 Resp: 421679

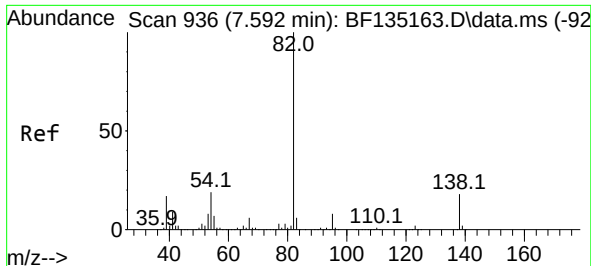
Ion Ratio Lower Upper

77 100

123 46.9 37.6 56.4

65 15.1 12.2 18.4

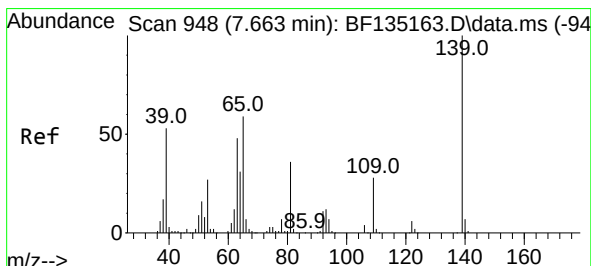
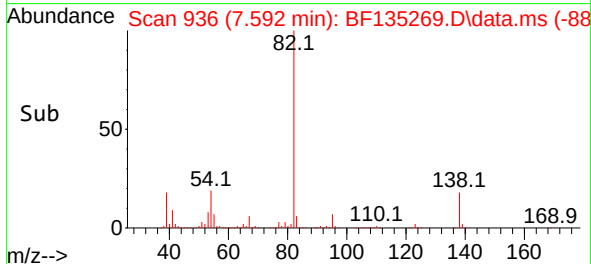
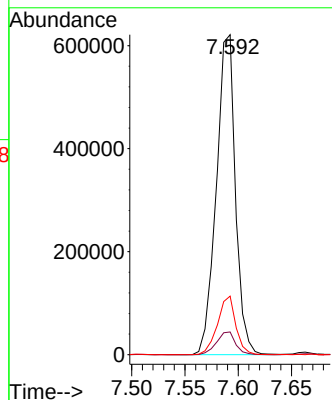
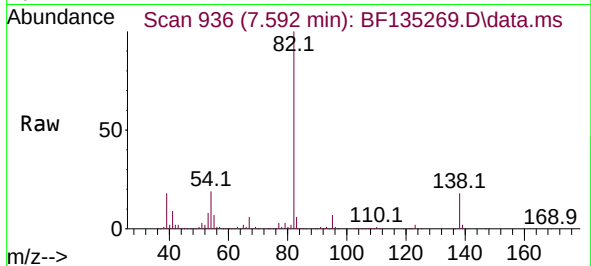




#25  
Isophorone  
Concen: 48.598 ng  
RT: 7.592 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

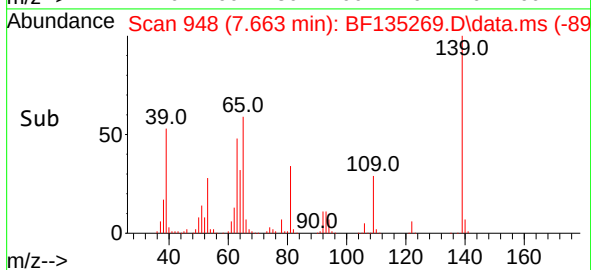
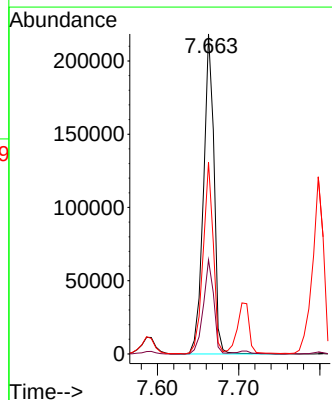
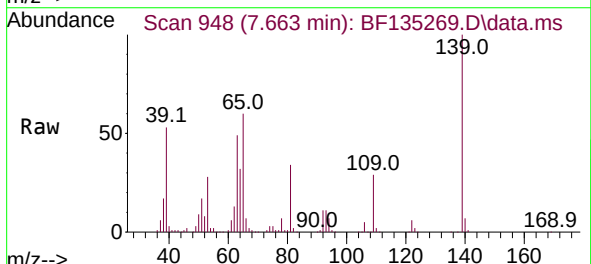
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 82 Resp: 773776  
Ion Ratio Lower Upper  
82 100  
95 7.1 6.0 9.0  
138 18.3 14.5 21.7

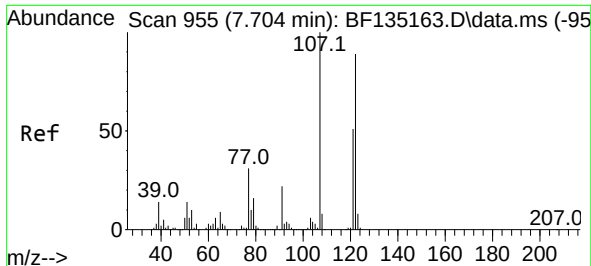


#26  
2-Nitrophenol  
Concen: 47.946 ng  
RT: 7.663 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:139 Resp: 197212  
Ion Ratio Lower Upper  
139 100  
109 29.4 22.6 33.8  
65 59.9 47.0 70.4







#27

2,4-Dimethylphenol

Concen: 46.426 ng

RT: 7.710 min Scan# 91

Delta R.T. 0.006 min

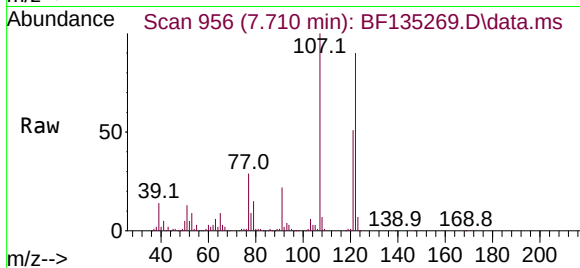
Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :



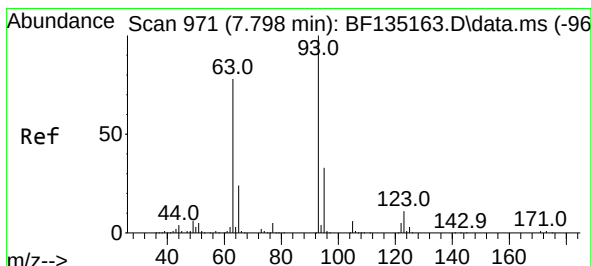
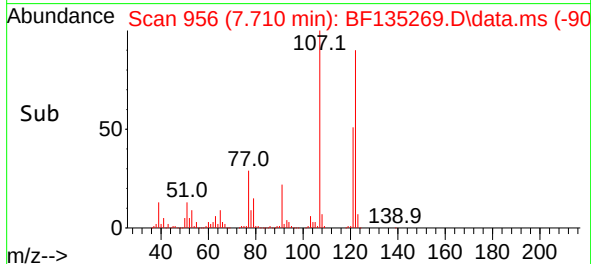
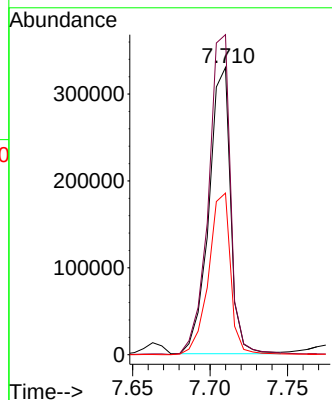
Tgt Ion:122 Resp: 320980

Ion Ratio Lower Upper

122 100

107 111.4 90.2 135.4

121 56.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.404 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

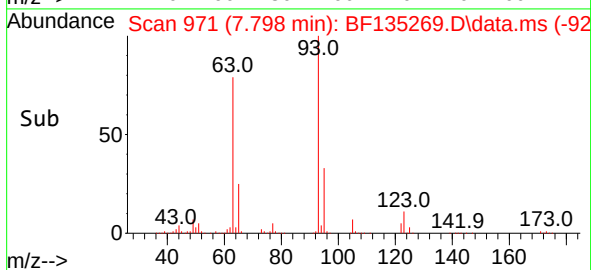
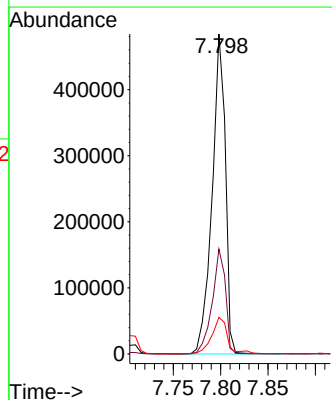
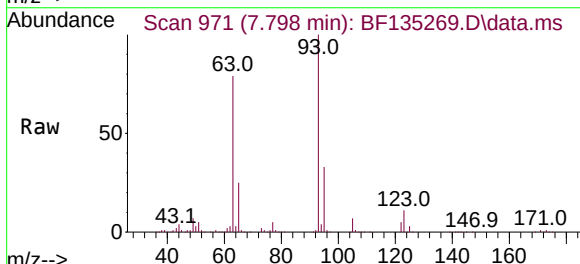
Tgt Ion: 93 Resp: 470803

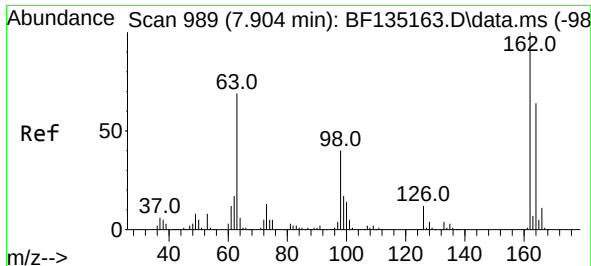
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

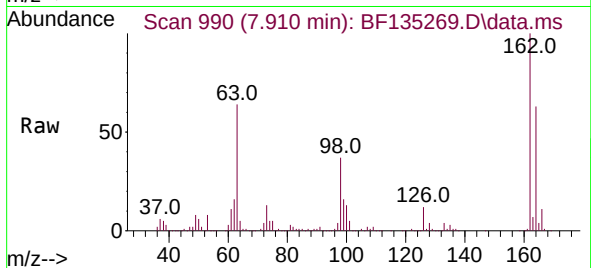
123 11.4 8.8 13.2



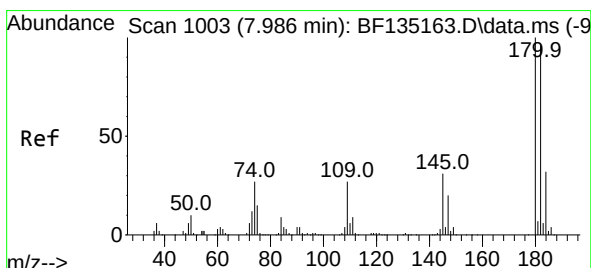
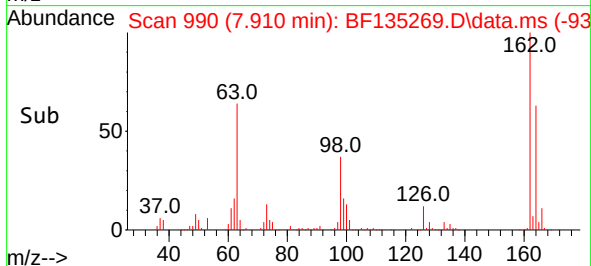
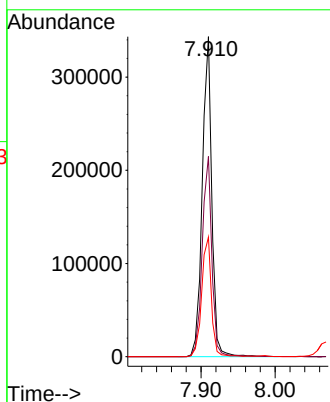


#29  
2,4-Dichlorophenol  
Concen: 47.934 ng  
RT: 7.910 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

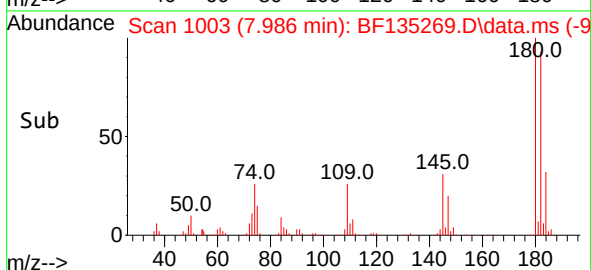
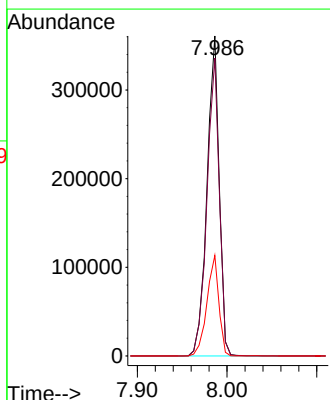
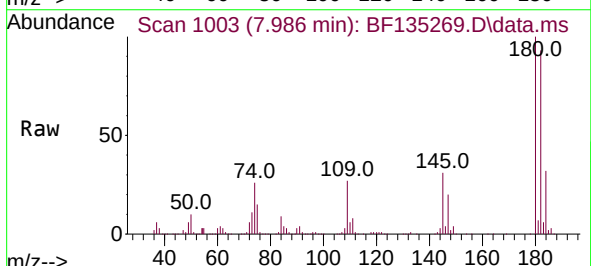


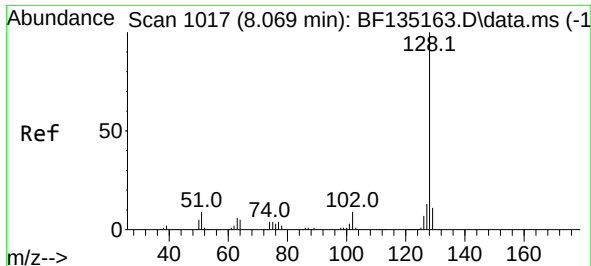
Tgt Ion:162 Resp: 307091  
Ion Ratio Lower Upper  
162 100  
164 62.6 44.1 84.1  
98 37.4 20.3 60.3



#30  
1,2,4-Trichlorobenzene  
Concen: 50.856 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

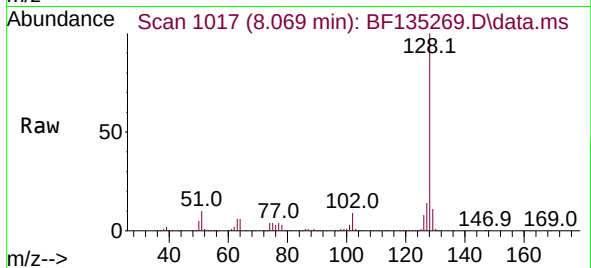
Tgt Ion:180 Resp: 340541  
Ion Ratio Lower Upper  
180 100  
182 93.1 76.9 115.3  
145 31.4 24.5 36.7



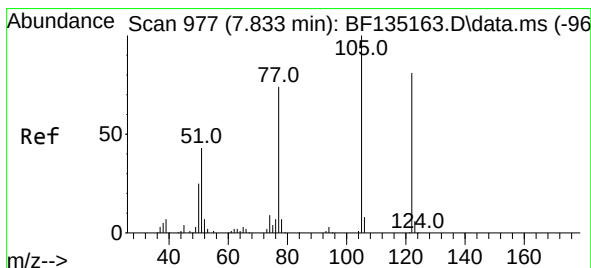
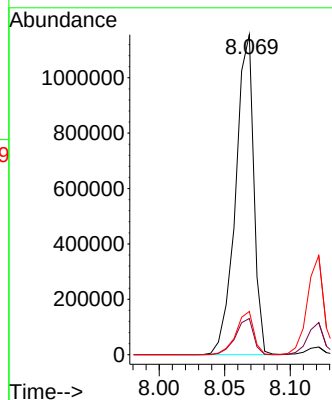
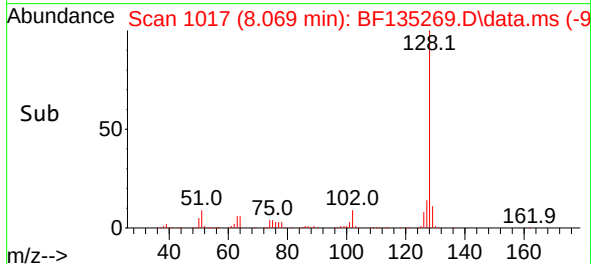


#31  
Naphthalene  
Concen: 48.838 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

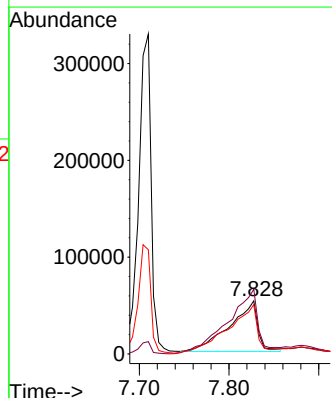
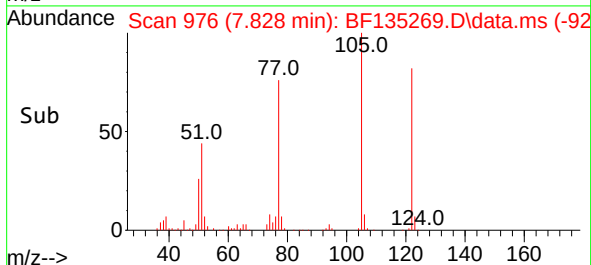
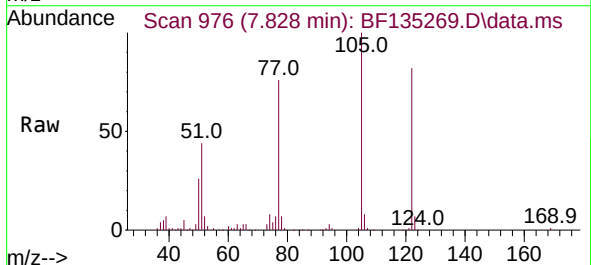


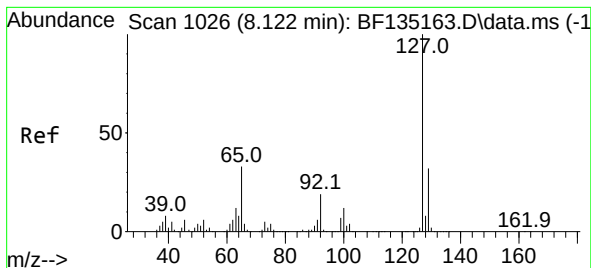
Tgt Ion:128 Resp: 1117809  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.7 13.1  
127 13.5 10.7 16.1



#32  
Benzoic acid  
Concen: 21.919 ng  
RT: 7.828 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:122 Resp: 114112  
Ion Ratio Lower Upper  
122 100  
105 121.6 99.9 139.9  
77 92.6 70.0 110.0





#33

4-Chloroaniline

Concen: 32.765 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:127 Resp: 329028

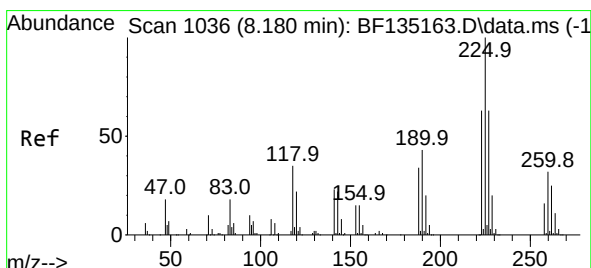
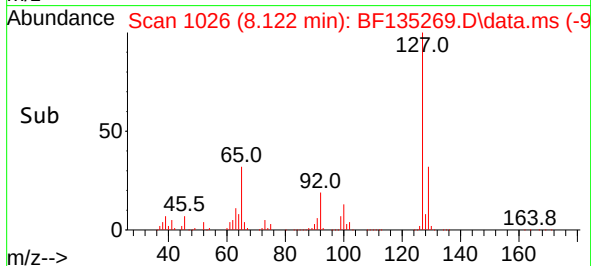
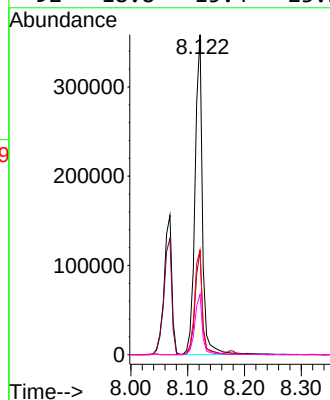
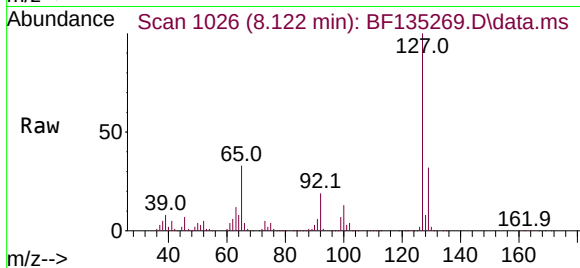
Ion Ratio Lower Upper

127 100

129 32.5 25.8 38.8

65 32.7 26.6 39.8

92 18.8 15.4 23.2



#34

Hexachlorobutadiene

Concen: 50.678 ng

RT: 8.180 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

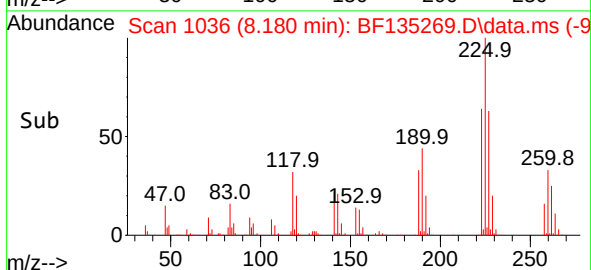
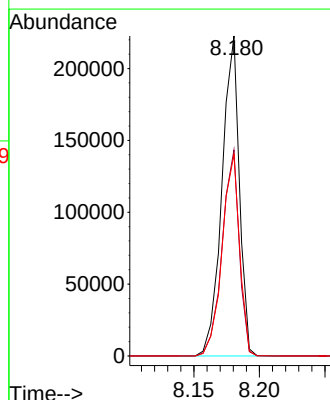
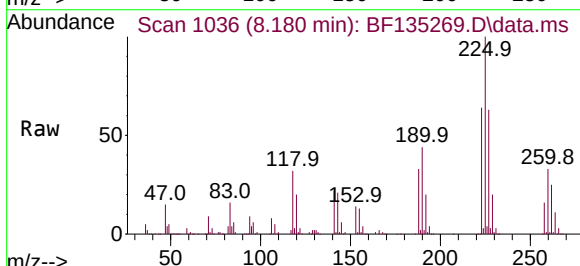
Tgt Ion:225 Resp: 204622

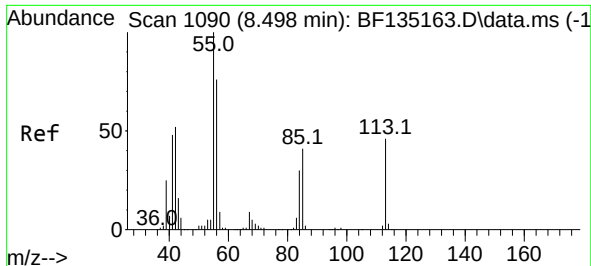
Ion Ratio Lower Upper

225 100

223 64.4 50.6 75.8

227 62.9 50.8 76.2

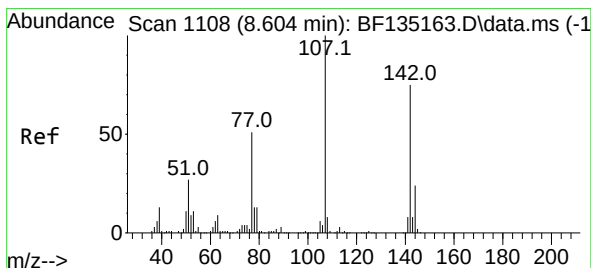
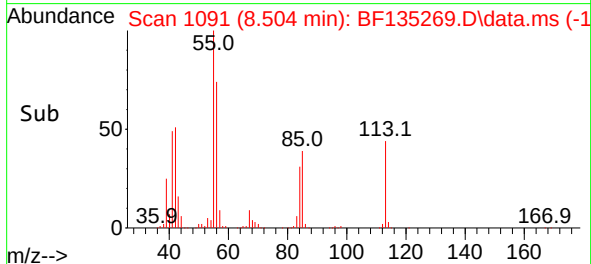
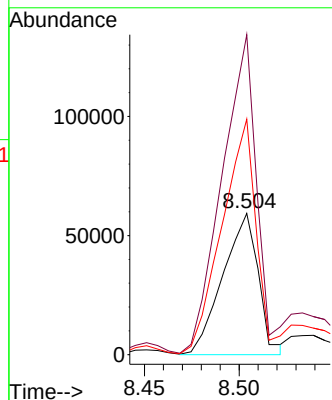
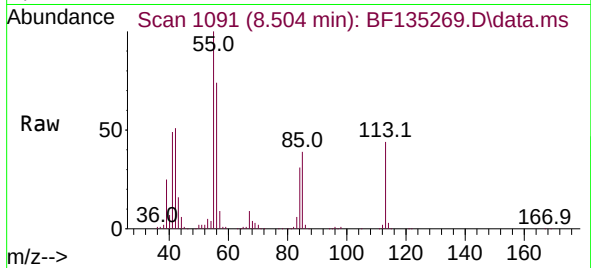




#35  
 Caprolactam  
 Concen: 35.941 ng  
 RT: 8.504 min Scan# 1090  
 Delta R.T. 0.006 min  
 Lab File: BF135269.D  
 Acq: 14 Sep 2023 23:18

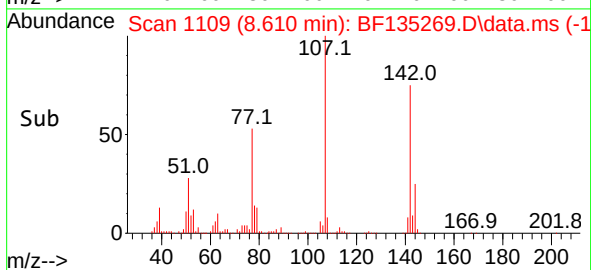
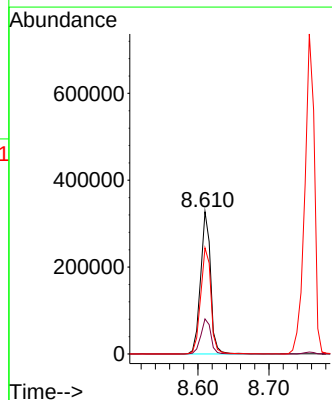
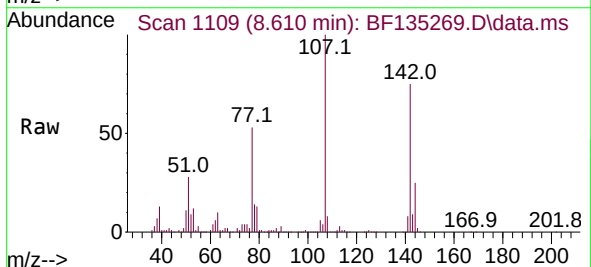
Instrument :  
 BNA\_F  
 ClientSampleId :

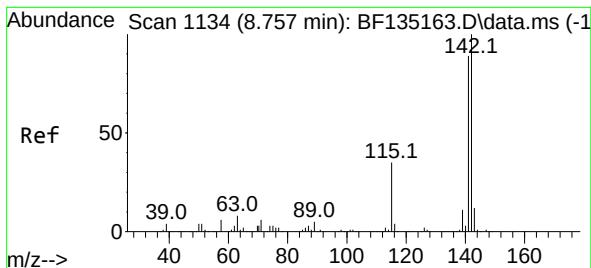
Tgt Ion:113 Resp: 77277  
 Ion Ratio Lower Upper  
 113 100  
 55 226.5 199.3 239.3  
 56 166.7 146.3 186.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 45.354 ng  
 RT: 8.610 min Scan# 1109  
 Delta R.T. 0.006 min  
 Lab File: BF135269.D  
 Acq: 14 Sep 2023 23:18

Tgt Ion:107 Resp: 322934  
 Ion Ratio Lower Upper  
 107 100  
 144 24.6 19.0 28.4  
 142 74.6 60.2 90.2

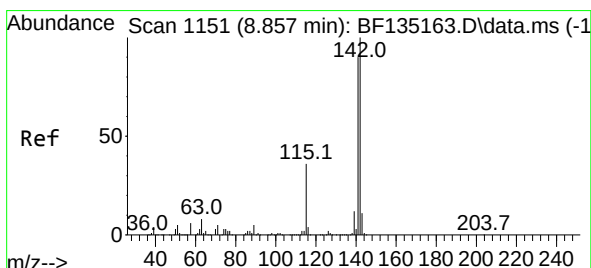
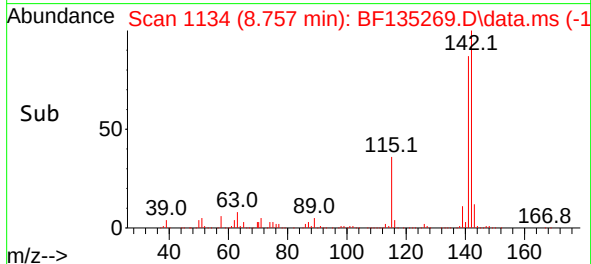
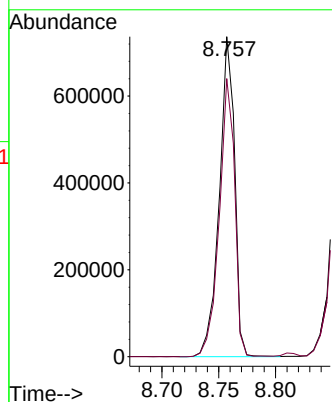
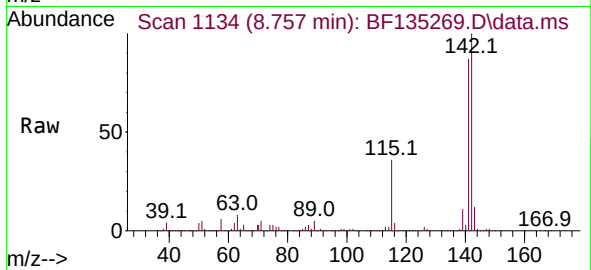




#37  
2-Methylnaphthalene  
Concen: 44.838 ng  
RT: 8.757 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

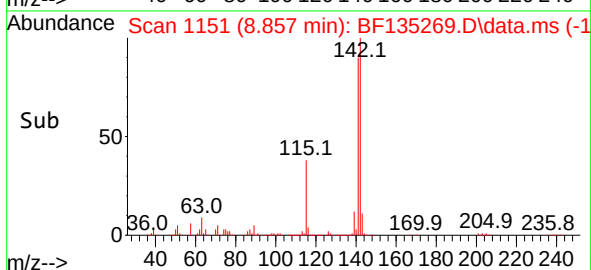
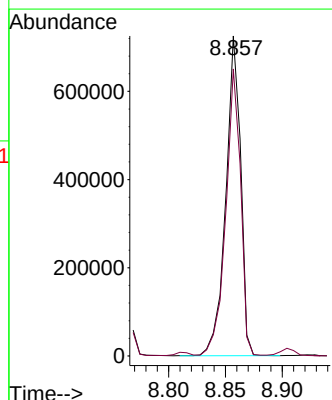
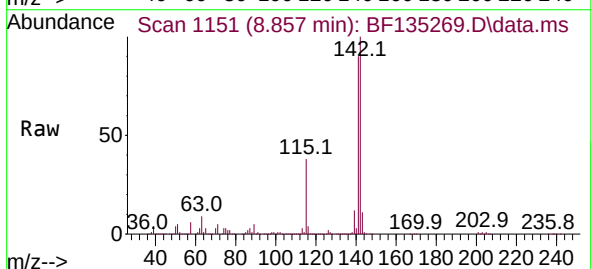
Instrument :  
BNA\_F  
ClientSampleId :

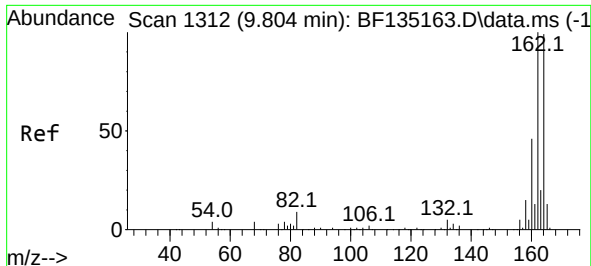
Tgt Ion:142 Resp: 689852  
Ion Ratio Lower Upper  
142 100  
141 86.9 71.0 106.6



#38  
1-Methylnaphthalene  
Concen: 45.795 ng  
RT: 8.857 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

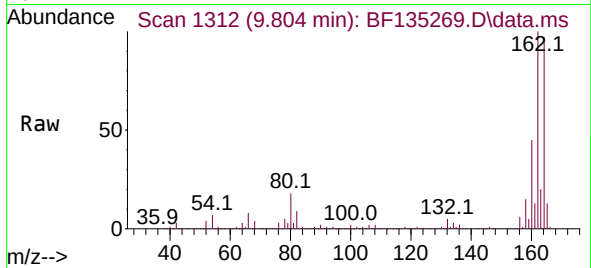
Tgt Ion:142 Resp: 659654  
Ion Ratio Lower Upper  
142 100  
141 89.7 72.4 108.6



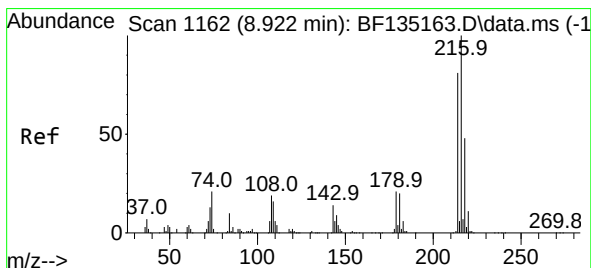
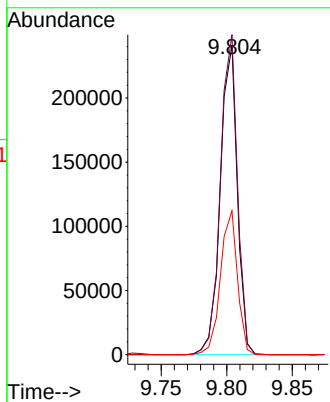
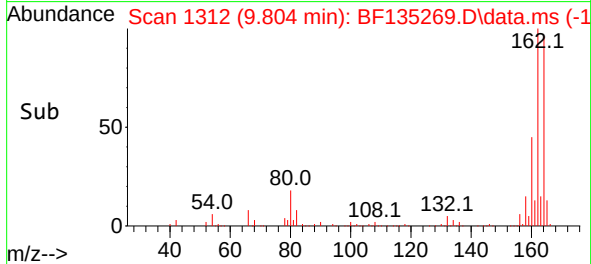


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.804 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

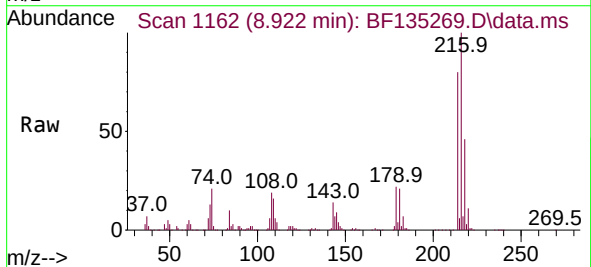
Instrument :  
BNA\_F  
ClientSampleId :



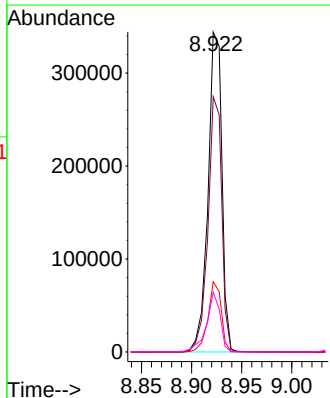
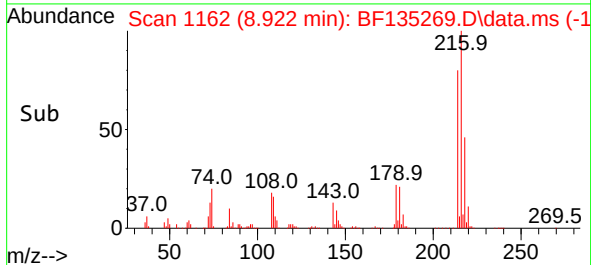
Tgt Ion:164 Resp: 216845  
Ion Ratio Lower Upper  
164 100  
162 103.3 81.0 121.4  
160 46.5 37.0 55.4

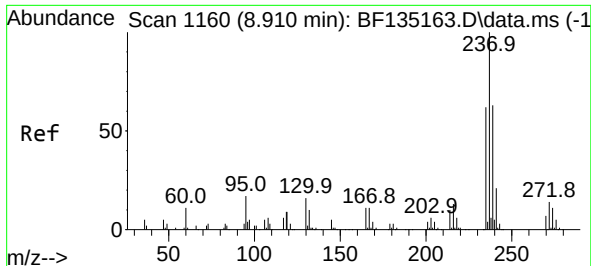


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 53.076 ng  
RT: 8.922 min Scan# 1162  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18



Tgt Ion:216 Resp: 333433  
Ion Ratio Lower Upper  
216 100  
214 78.9 63.7 95.5  
179 20.9 16.7 25.1  
108 18.5 14.9 22.3

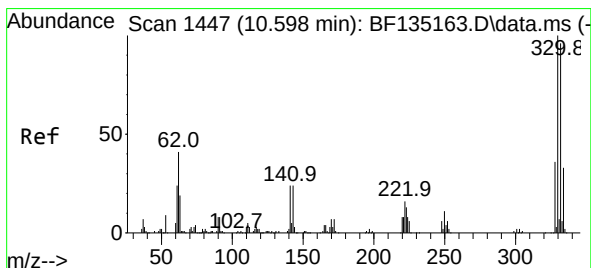
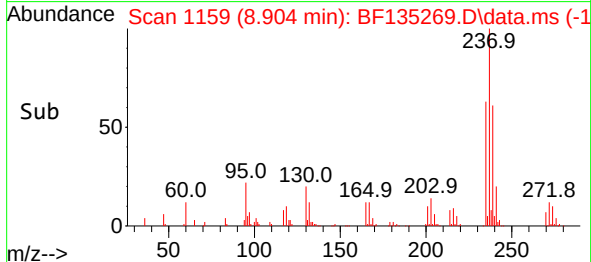
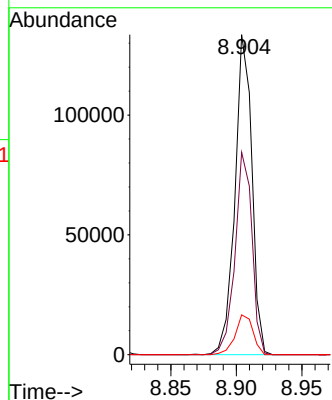
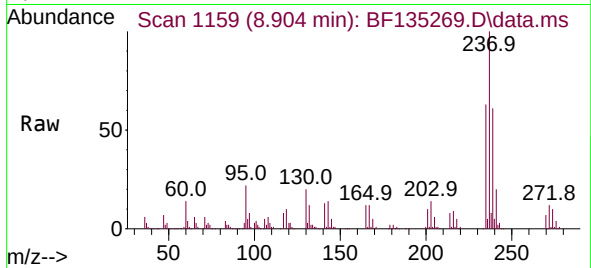




#41  
Hexachlorocyclopentadiene  
Concen: 46.855 ng  
RT: 8.904 min Scan# 1160  
Delta R.T. -0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

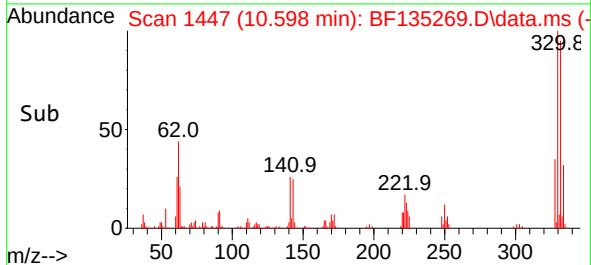
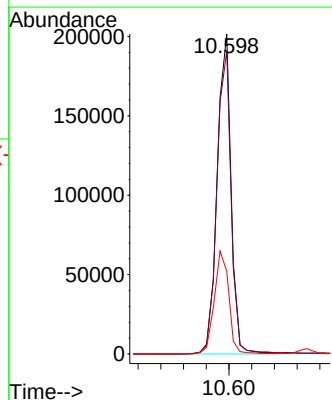
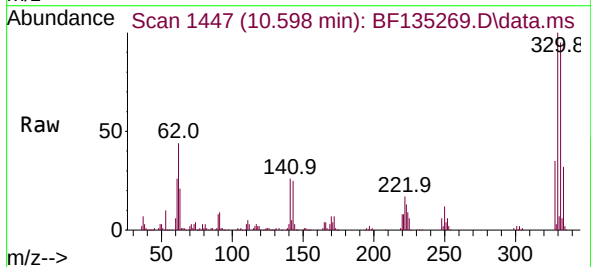
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:237 Resp: 120369  
Ion Ratio Lower Upper  
237 100  
235 63.2 41.8 81.8  
272 12.4 0.0 33.6

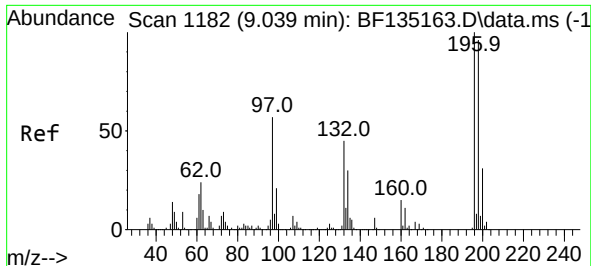


#42  
2,4,6-Tribromophenol  
Concen: 79.833 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:330 Resp: 172033  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.3 115.9  
141 33.6 25.8 38.8







#43

2,4,6-Trichlorophenol

Concen: 48.188 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

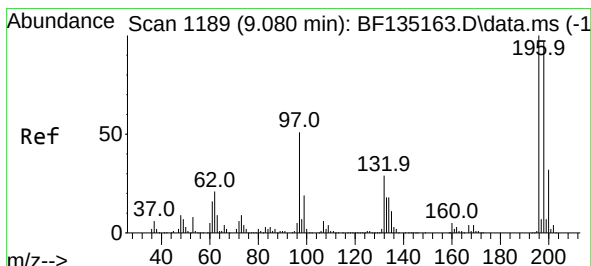
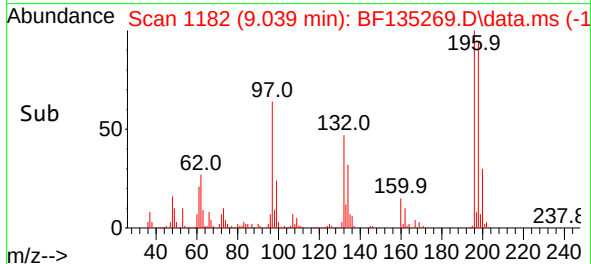
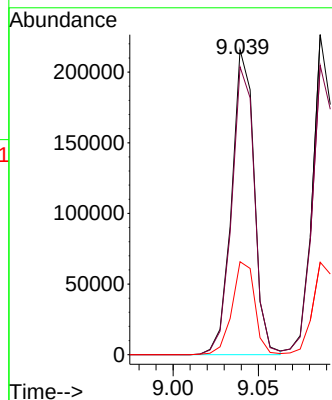
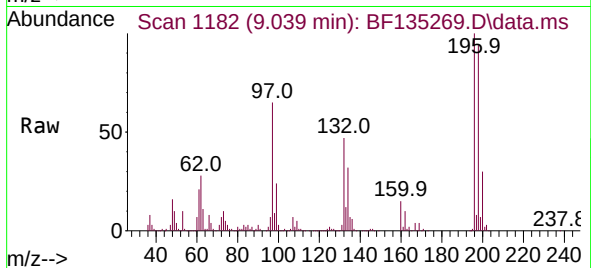
Tgt Ion:196 Resp: 198206

Ion Ratio Lower Upper

196 100

198 94.4 77.0 115.6

200 30.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 42.491 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Tgt Ion:196 Resp: 201271

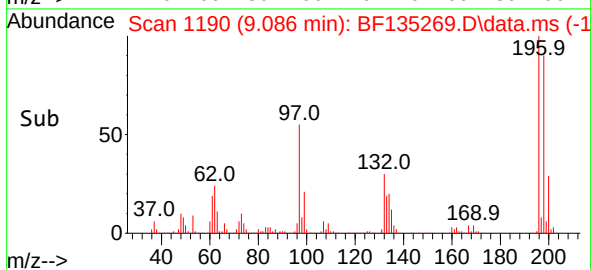
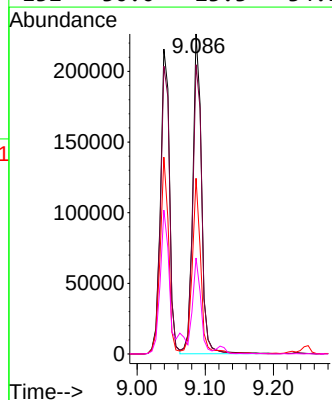
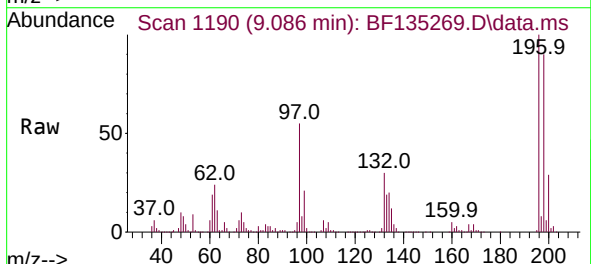
Ion Ratio Lower Upper

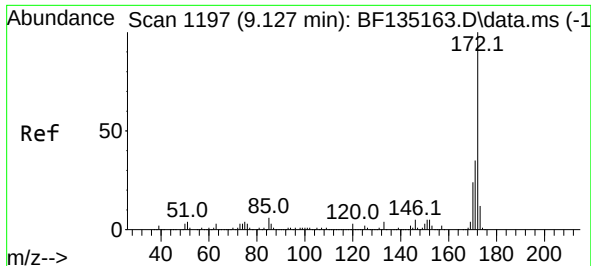
196 100

198 90.4 77.5 116.3

97 54.9 40.5 60.7

132 30.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 70.124 ng

RT: 9.122 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

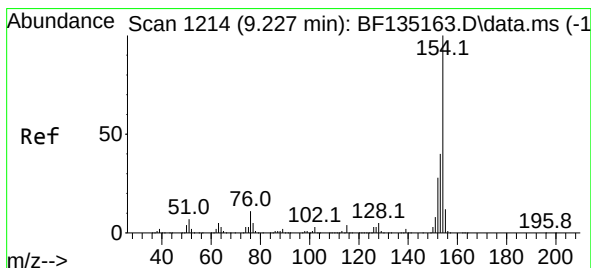
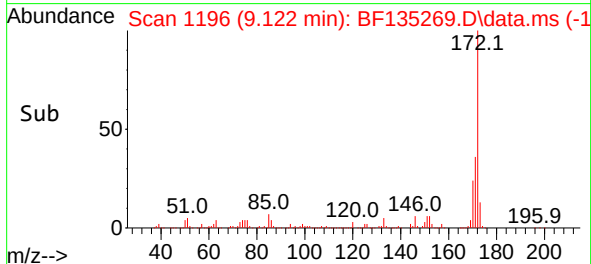
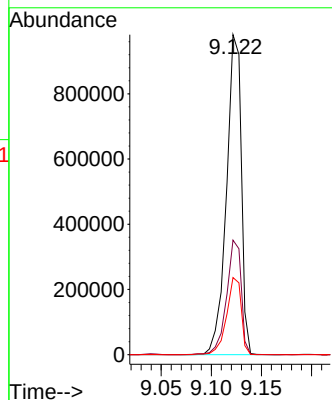
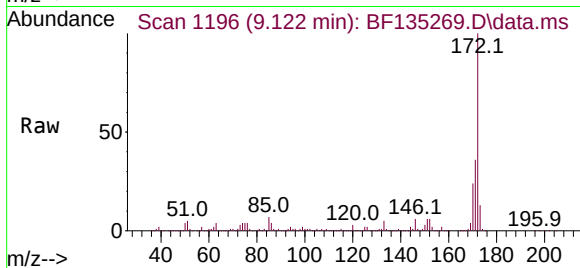
Tgt Ion:172 Resp: 1007880

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.094 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

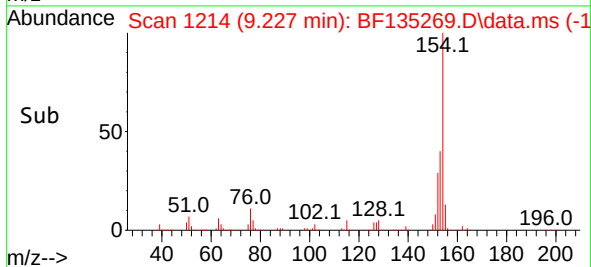
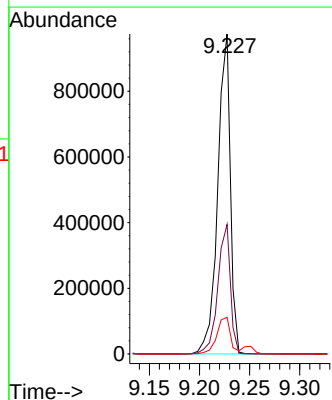
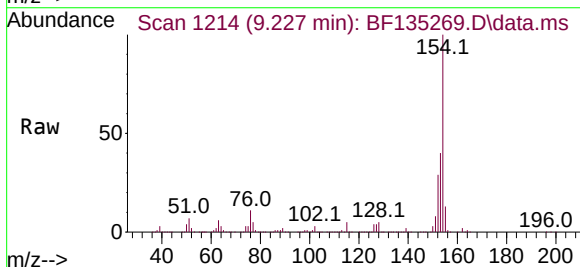
Tgt Ion:154 Resp: 851445

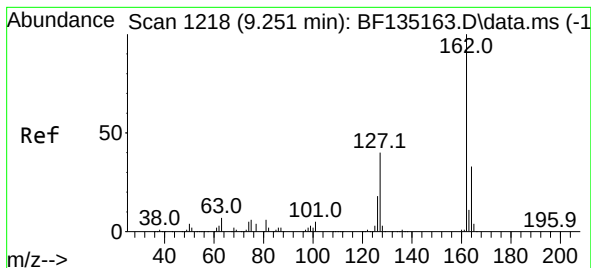
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

76 11.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 52.588 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

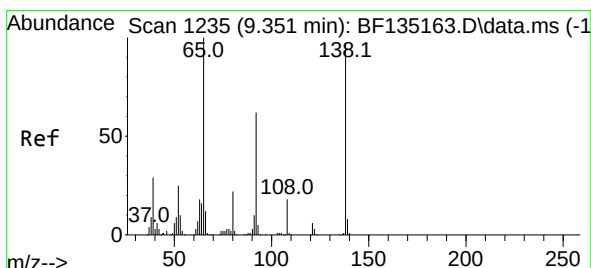
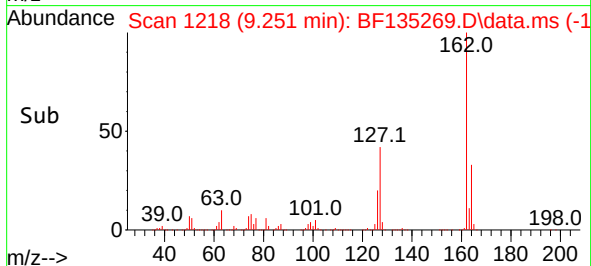
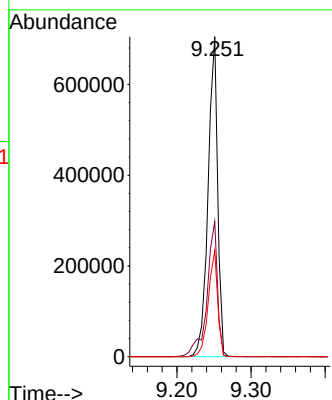
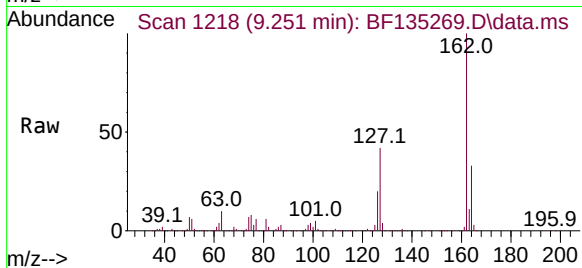
Tgt Ion:162 Resp: 635835

Ion Ratio Lower Upper

162 100

127 42.2 32.6 48.8

164 33.1 26.2 39.2



#48

2-Nitroaniline

Concen: 51.374 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

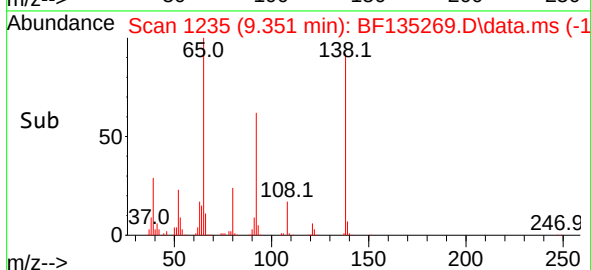
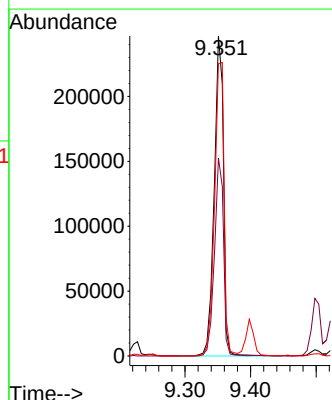
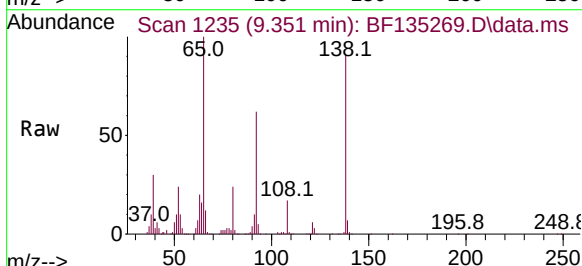
Tgt Ion: 65 Resp: 241315

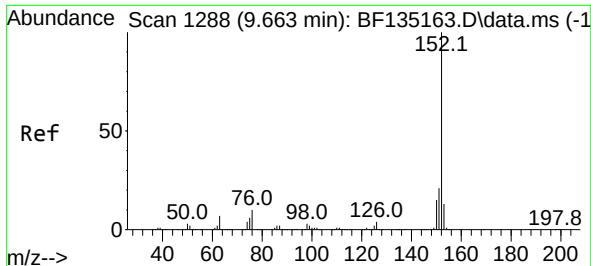
Ion Ratio Lower Upper

65 100

92 61.8 49.4 74.0

138 91.3 77.4 116.0





#49

Acenaphthylene

Concen: 50.096 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

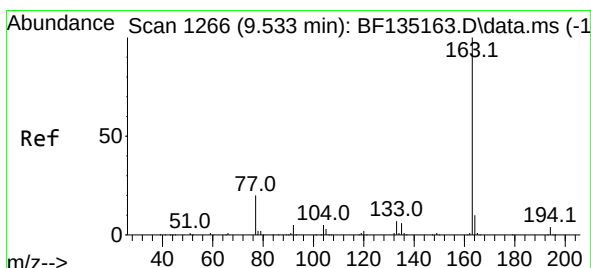
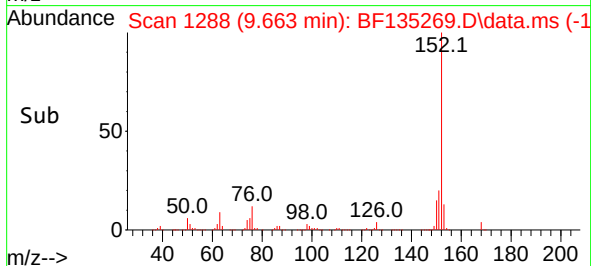
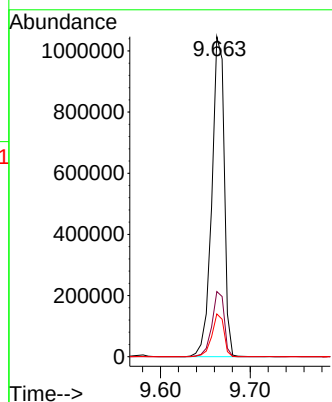
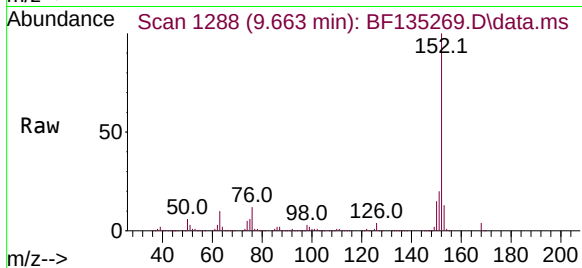
Tgt Ion:152 Resp: 1006627

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 51.673 ng

RT: 9.533 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

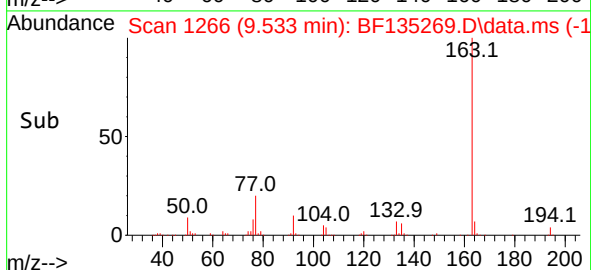
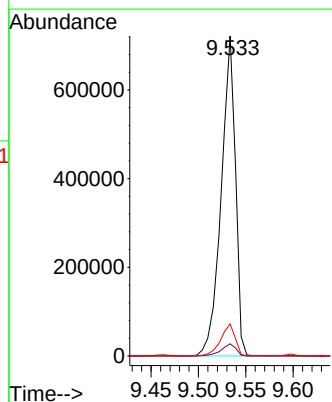
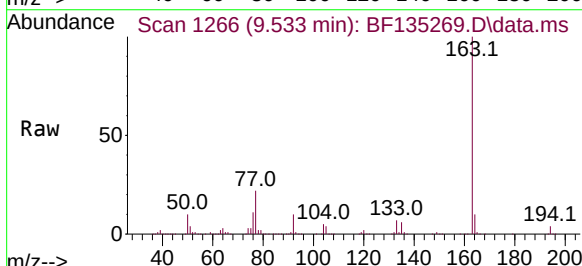
Tgt Ion:163 Resp: 757570

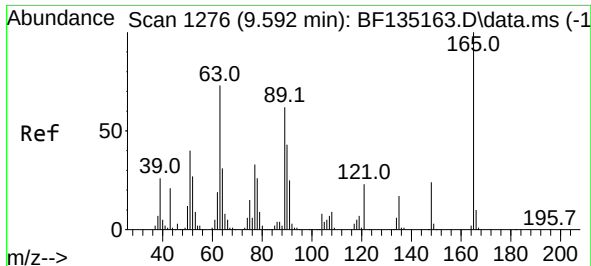
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.1 12.1

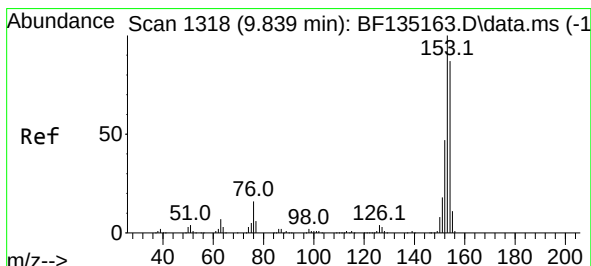
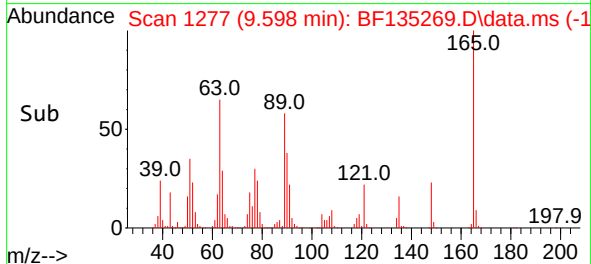
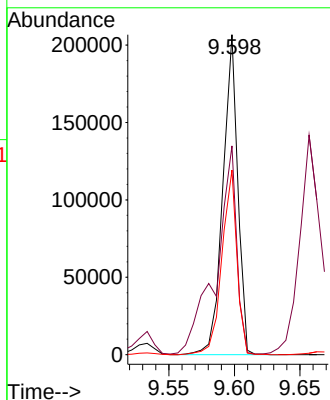
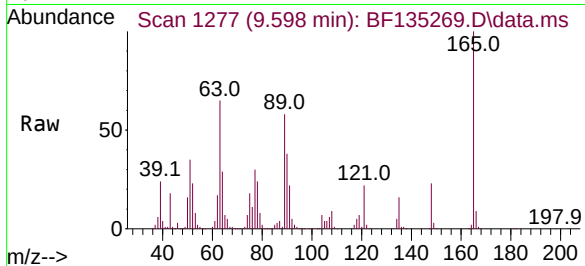




#51  
2,6-Dinitrotoluene  
Concen: 50.821 ng  
RT: 9.598 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

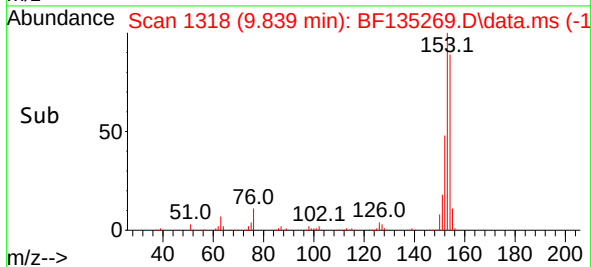
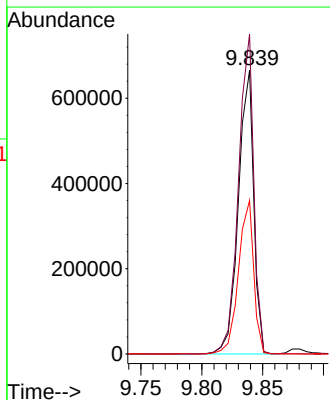
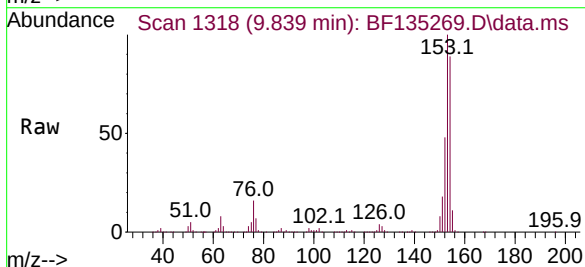
Instrument :  
BNA\_F  
ClientSampleId :

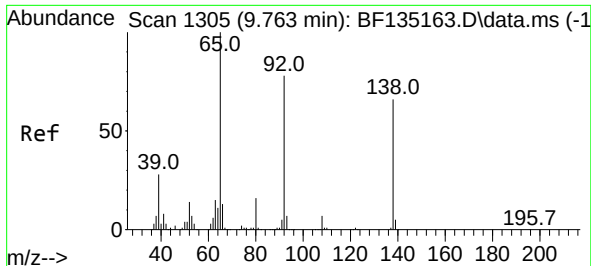
Tgt Ion:165 Resp: 163222  
Ion Ratio Lower Upper  
165 100  
63 65.3 59.4 89.2  
89 57.7 49.8 74.8



#52  
Acenaphthene  
Concen: 49.331 ng  
RT: 9.839 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

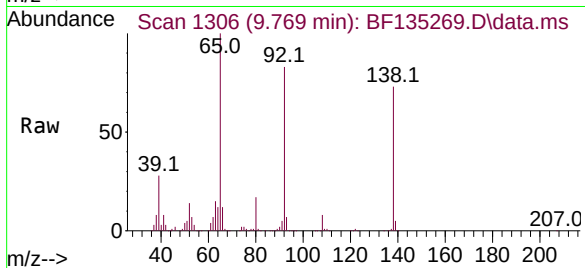
Tgt Ion:154 Resp: 585582  
Ion Ratio Lower Upper  
154 100  
153 112.8 92.1 138.1  
152 54.1 43.1 64.7



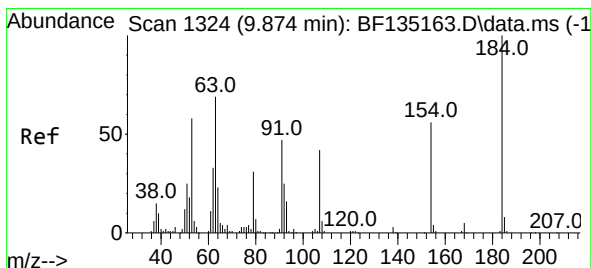
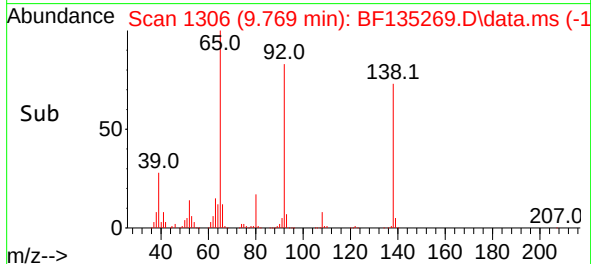
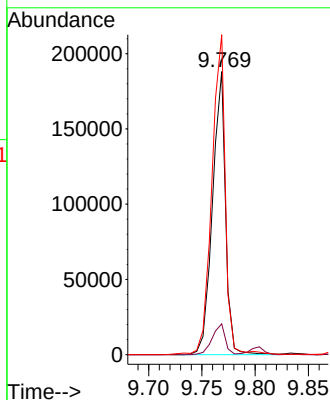


#53  
3-Nitroaniline  
Concen: 42.726 ng  
RT: 9.769 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

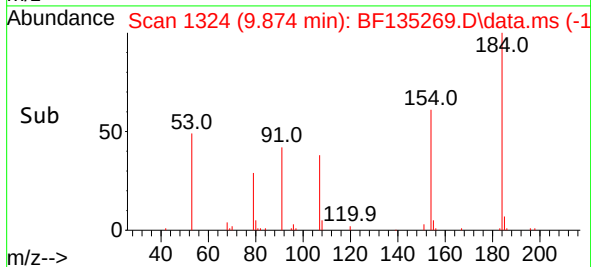
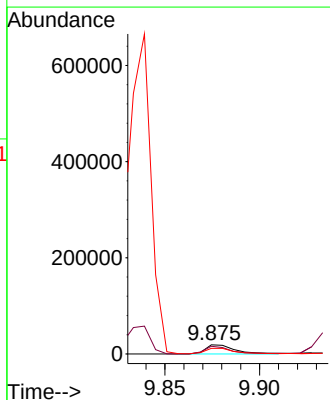
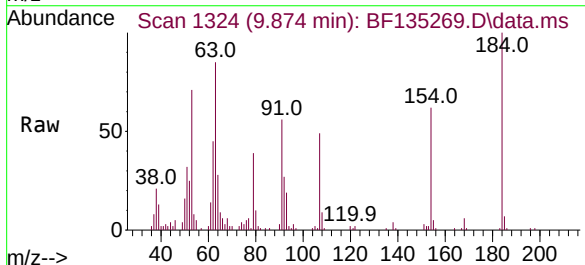


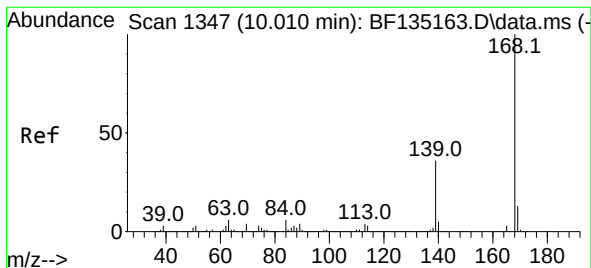
Tgt Ion:138 Resp: 161078  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.5 12.7  
92 113.0 95.4 143.0



#54  
2,4-Dinitrophenol  
Concen: 16.740 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:184 Resp: 20752  
Ion Ratio Lower Upper  
184 100  
63 85.1 55.1 82.7#  
154 62.2 48.4 72.6





#55

Dibenzofuran

Concen: 47.617 ng

RT: 10.010 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

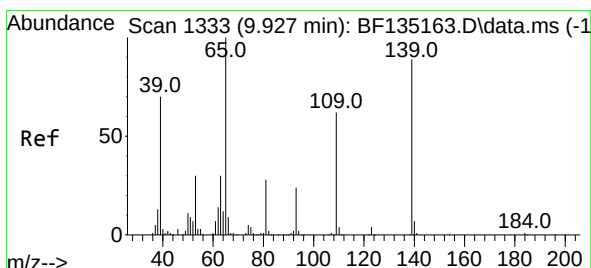
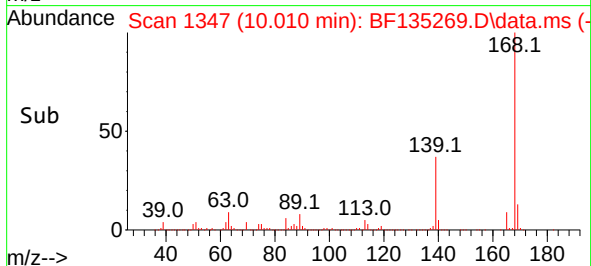
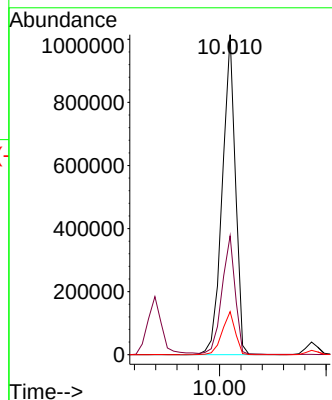
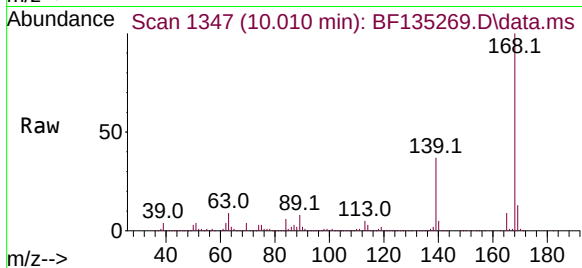
Tgt Ion:168 Resp: 862539

Ion Ratio Lower Upper

168 100

139 37.2 29.0 43.6

169 13.5 10.4 15.6



#56

4-Nitrophenol

Concen: 72.128 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

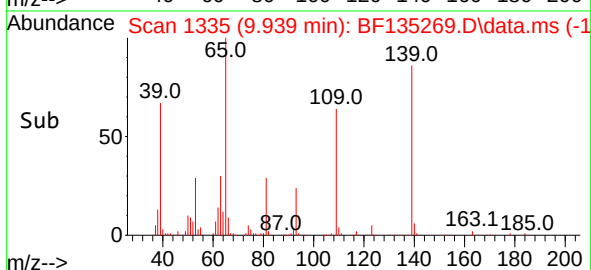
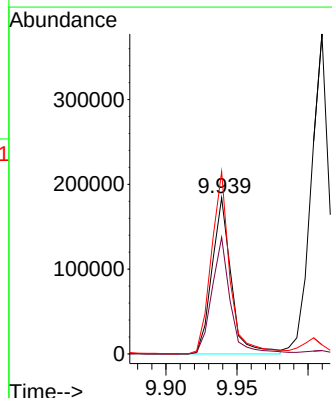
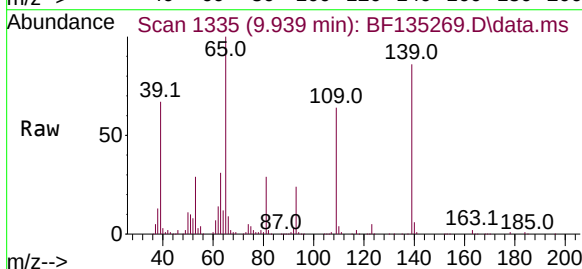
Tgt Ion:139 Resp: 172823

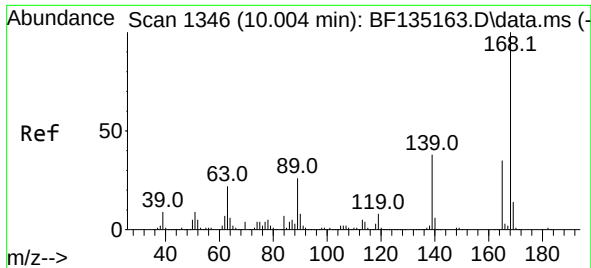
Ion Ratio Lower Upper

139 100

109 74.7 49.8 89.8

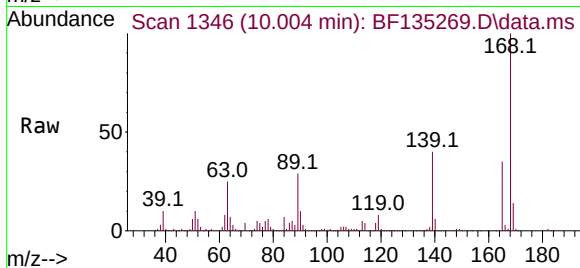
65 116.9 92.7 132.7



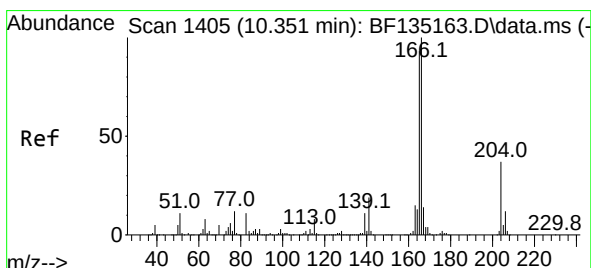
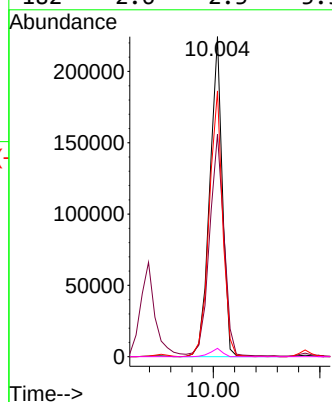
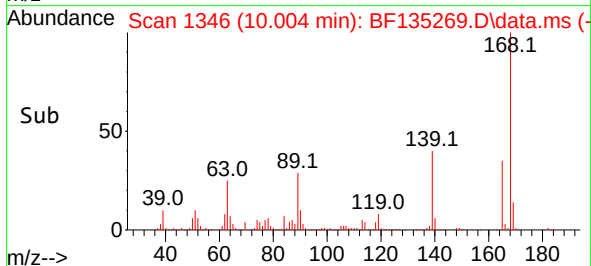


#57  
2,4-Dinitrotoluene  
Concen: 45.896 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

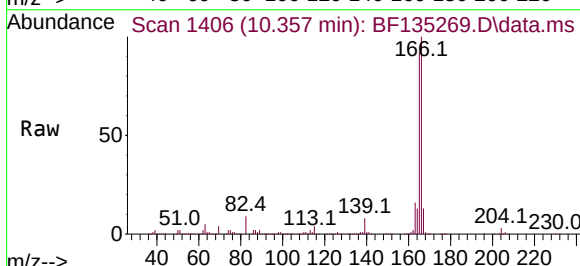
Instrument :  
BNA\_F  
ClientSampleId :



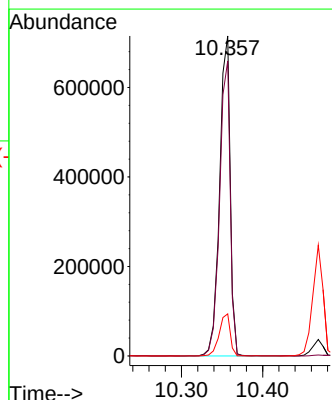
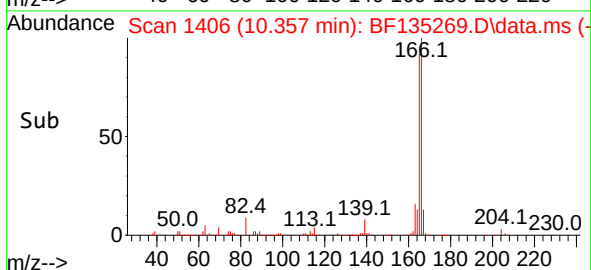
Tgt Ion:165 Resp: 184540  
Ion Ratio Lower Upper  
165 100  
63 69.5 50.1 75.1  
89 83.0 59.3 88.9  
182 2.6 2.3 3.5



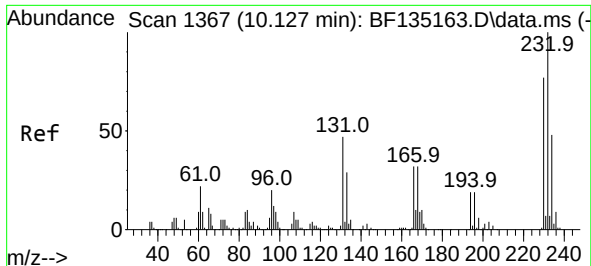
#58  
Fluorene  
Concen: 46.711 ng  
RT: 10.357 min Scan# 1406  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18



Tgt Ion:166 Resp: 650477  
Ion Ratio Lower Upper  
166 100  
165 92.2 74.3 111.5  
167 13.1 10.9 16.3







#59

2,3,4,6-Tetrachlorophenol

Concen: 40.490 ng

RT: 10.133 min Scan# 1368

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:232 Resp: 147537

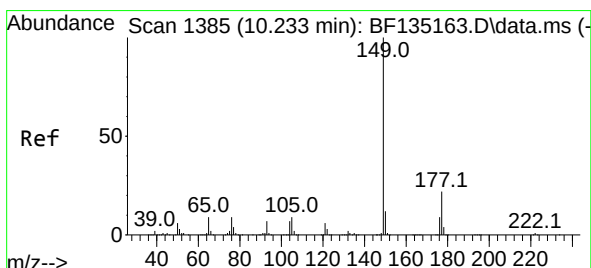
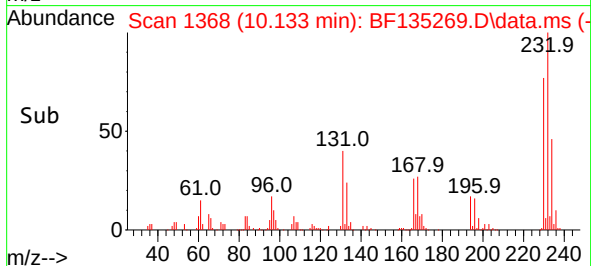
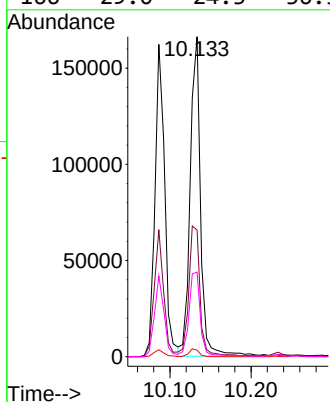
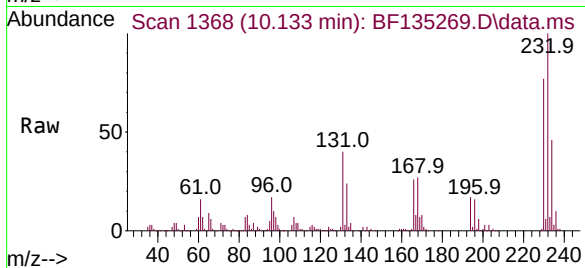
Ion Ratio Lower Upper

232 100

131 44.4 35.4 53.2

130 2.4 1.8 2.8

166 29.0 24.3 36.5



#60

Diethylphthalate

Concen: 49.694 ng

RT: 10.233 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

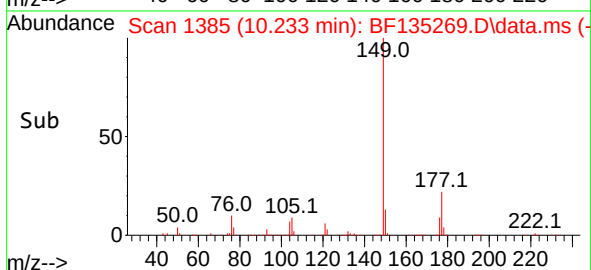
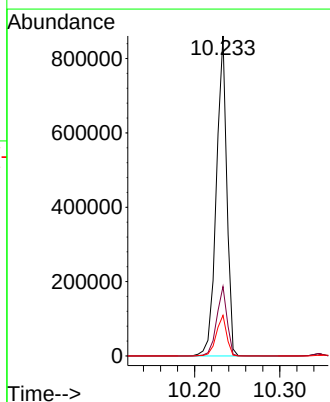
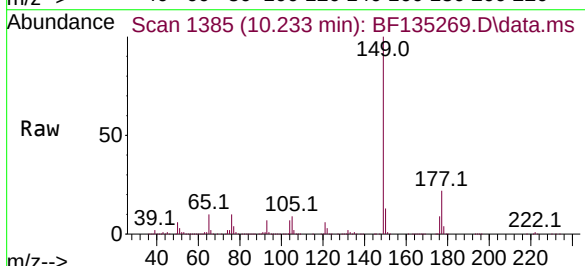
Tgt Ion:149 Resp: 731171

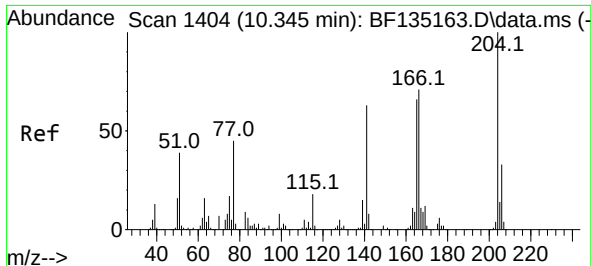
Ion Ratio Lower Upper

149 100

177 21.7 17.8 26.6

150 12.7 10.0 15.0

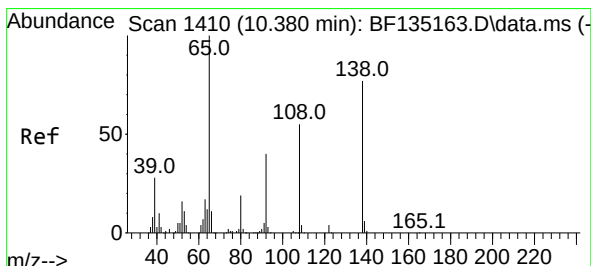
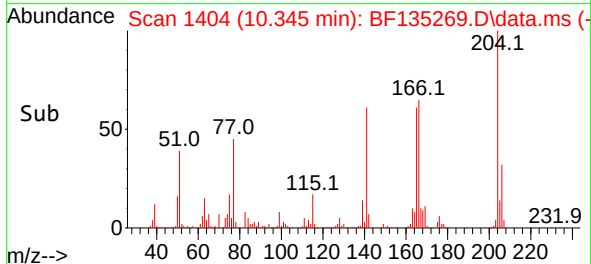
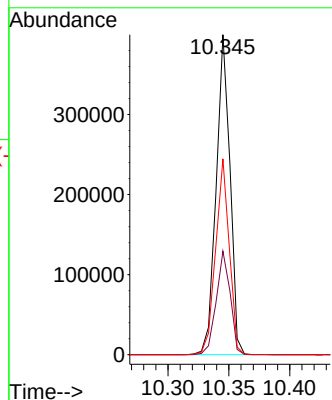
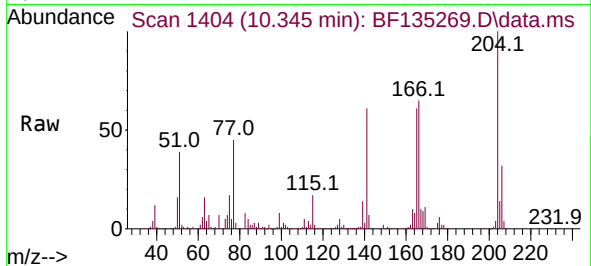




#61  
4-Chlorophenyl-phenylether  
Concen: 47.268 ng  
RT: 10.345 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

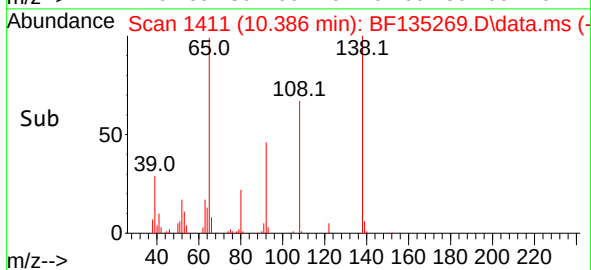
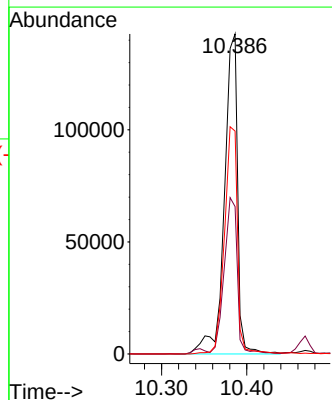
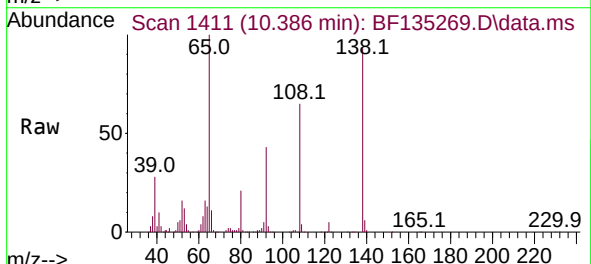
Instrument :  
BNA\_F  
ClientSampleId :

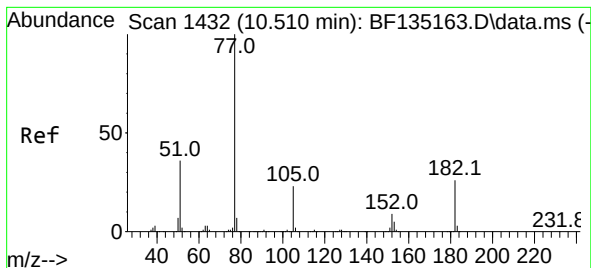
Tgt Ion:204 Resp: 316190  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.7 40.1  
141 61.2 50.6 75.8



#62  
4-Nitroaniline  
Concen: 42.589 ng  
RT: 10.386 min Scan# 1411  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:138 Resp: 154338  
Ion Ratio Lower Upper  
138 100  
92 46.1 31.8 71.8  
108 69.6 52.0 92.0





#63

Azobenzene

Concen: 47.245 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

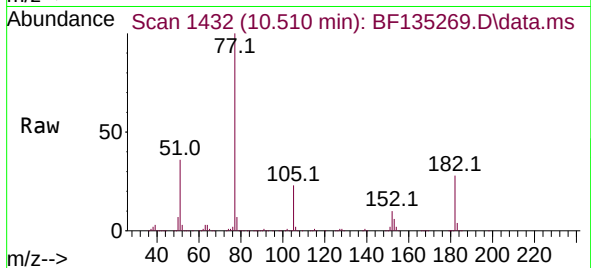
Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion: 77 Resp: 680329

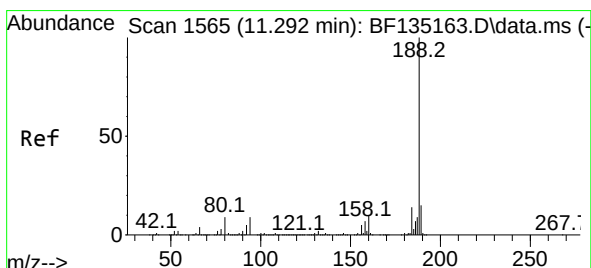
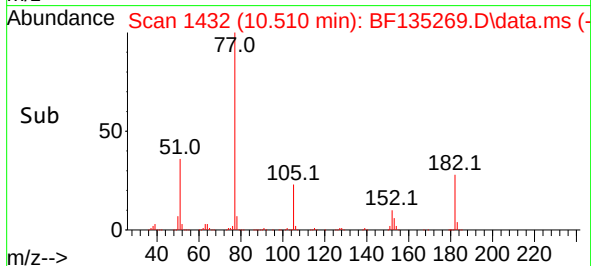
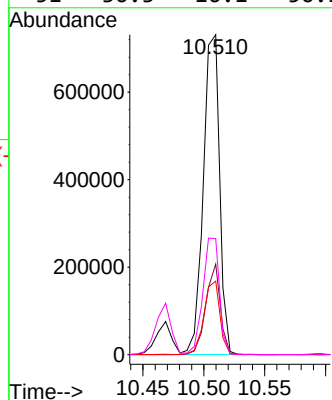
Ion Ratio Lower Upper

77 100

182 28.3 6.4 46.4

105 23.0 3.1 43.1

51 36.3 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

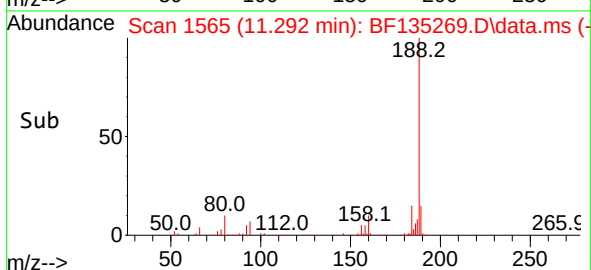
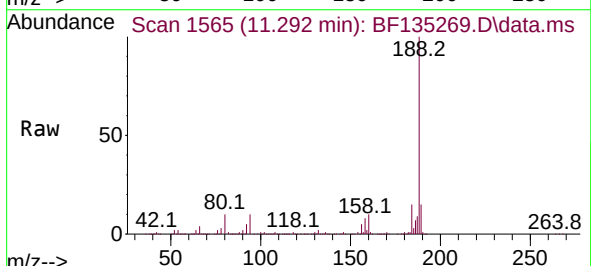
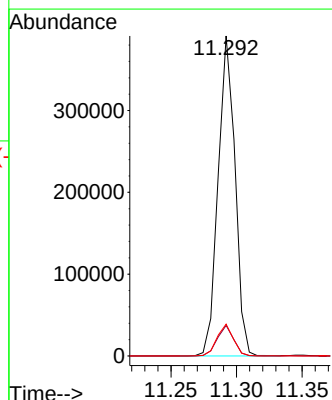
Tgt Ion: 188 Resp: 350700

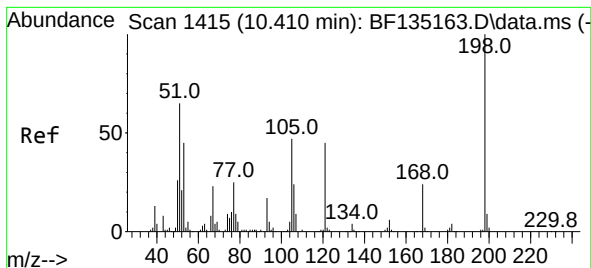
Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 10.0 7.5 11.3

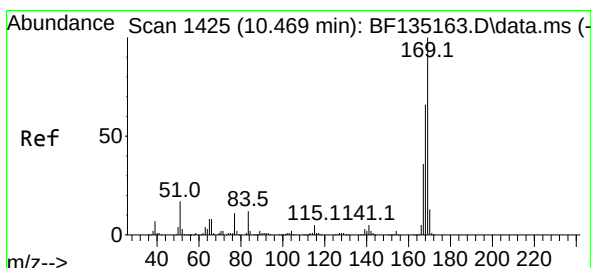
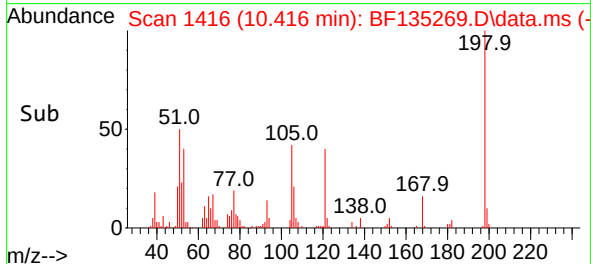
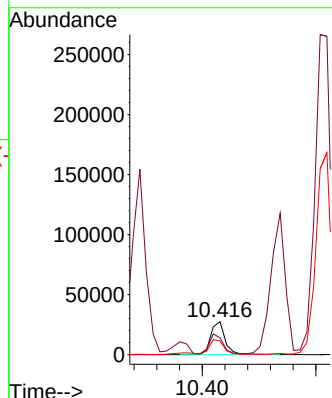
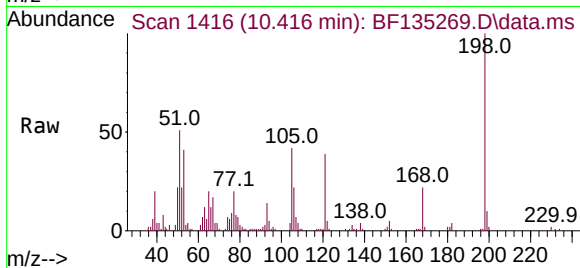




#65  
4,6-Dinitro-2-methylphenol  
Concen: 13.047 ng  
RT: 10.416 min Scan# 1415  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

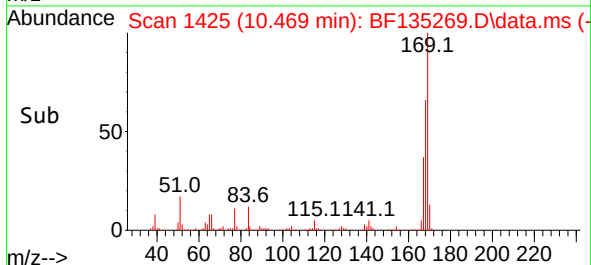
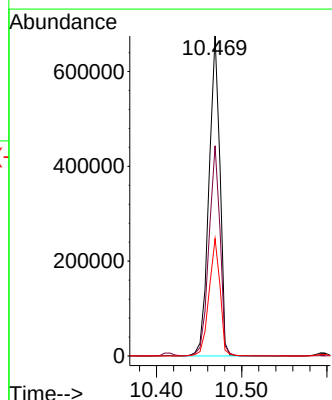
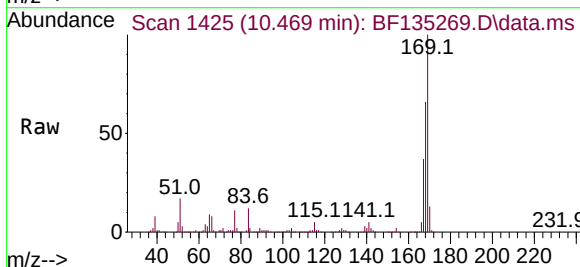
Instrument :  
BNA\_F  
ClientSampleId :

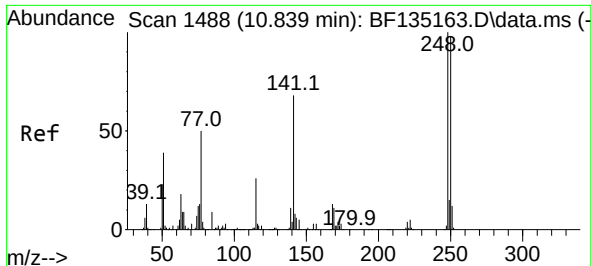
Tgt Ion:198 Resp: 24302  
Ion Ratio Lower Upper  
198 100  
51 50.7 47.7 87.7  
105 41.8 27.4 67.4



#66  
n-Nitrosodiphenylamine  
Concen: 56.808 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:169 Resp: 603145  
Ion Ratio Lower Upper  
169 100  
168 65.7 52.8 79.2  
167 36.7 29.0 43.6

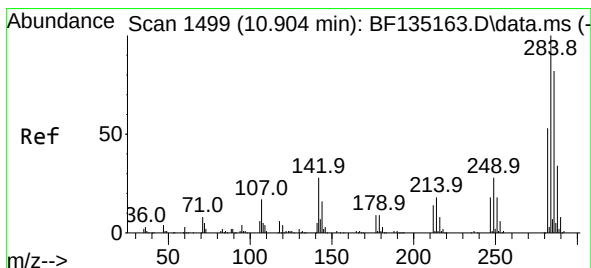
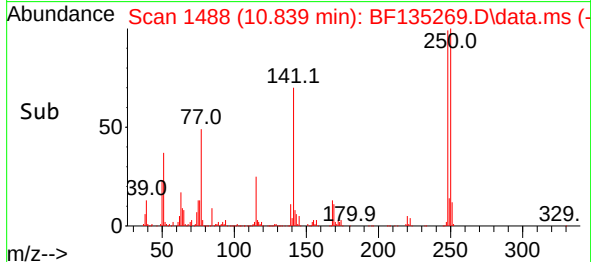
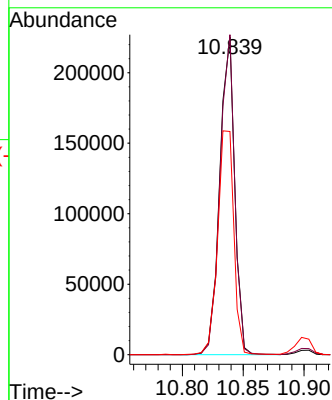
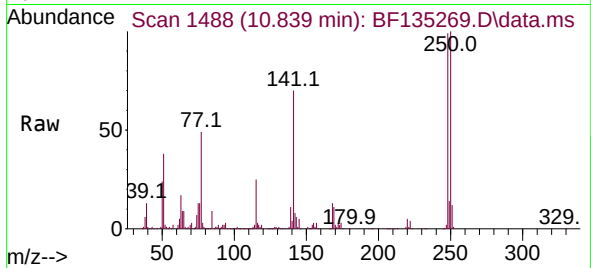




#67  
4-Bromophenyl-phenylether  
Concen: 55.450 ng  
RT: 10.839 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

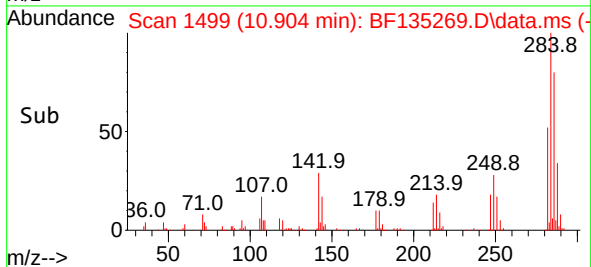
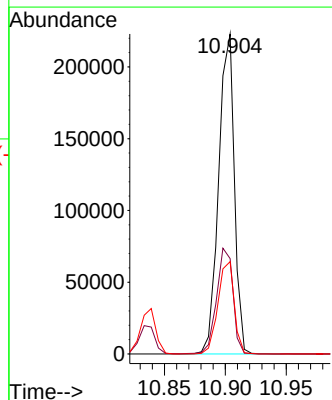
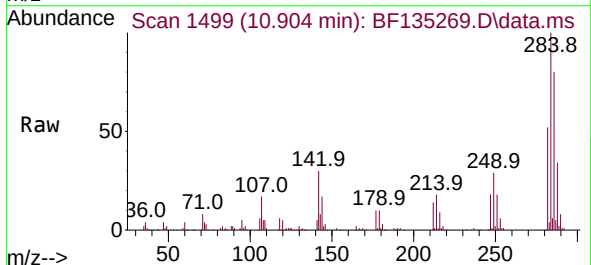
Instrument :  
BNA\_F  
ClientSampleId :

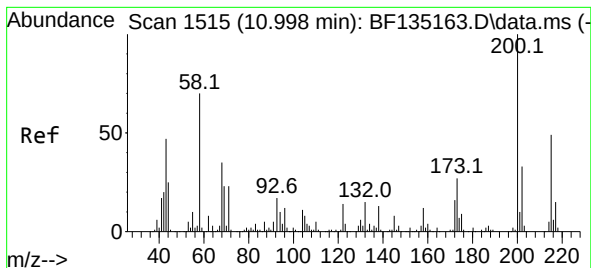
Tgt Ion:248 Resp: 193407  
Ion Ratio Lower Upper  
248 100  
250 100.7 78.6 117.8  
141 70.3 54.2 81.2



#68  
Hexachlorobenzene  
Concen: 56.344 ng  
RT: 10.904 min Scan# 1499  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:284 Resp: 200214  
Ion Ratio Lower Upper  
284 100  
142 29.8 22.2 33.4  
249 28.8 22.5 33.7





#69

Atrazine

Concen: 60.438 ng

RT: 11.004 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

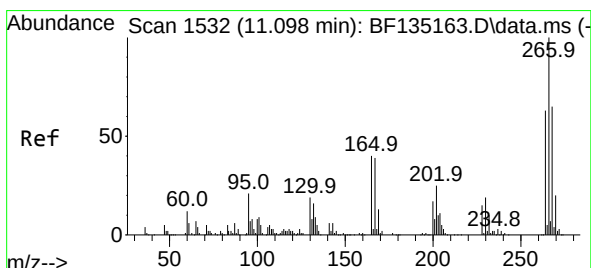
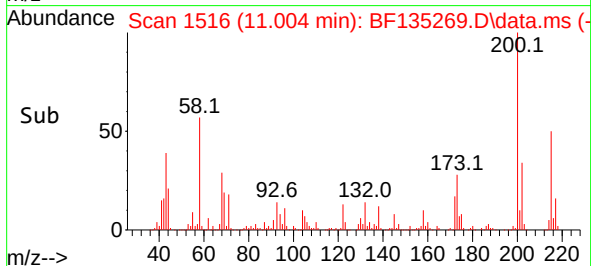
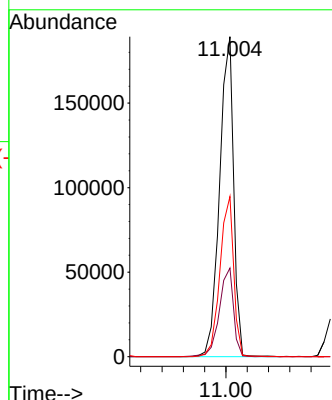
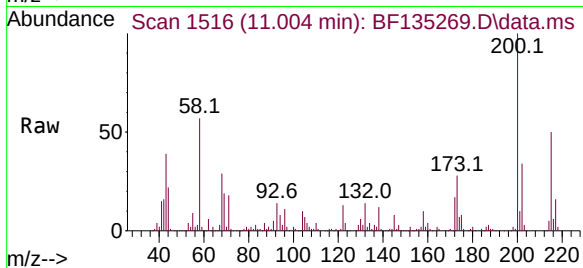
Tgt Ion:200 Resp: 172661

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 50.1 28.6 68.6



#70

Pentachlorophenol

Concen: 54.959 ng

RT: 11.098 min Scan# 1532

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

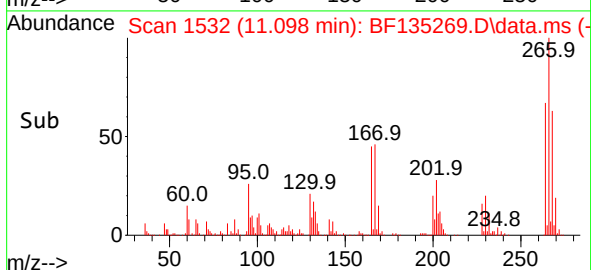
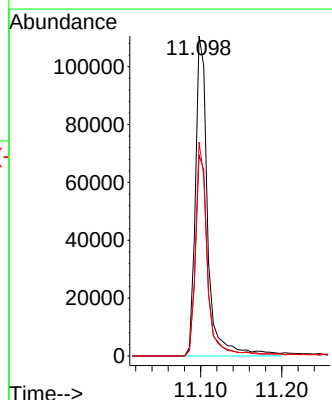
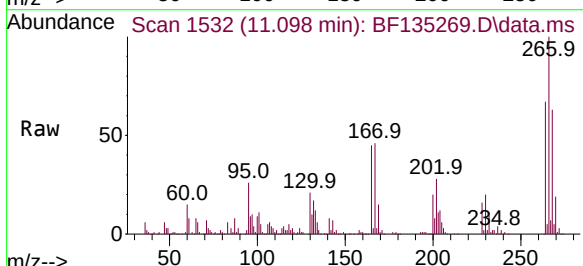
Tgt Ion:266 Resp: 116843

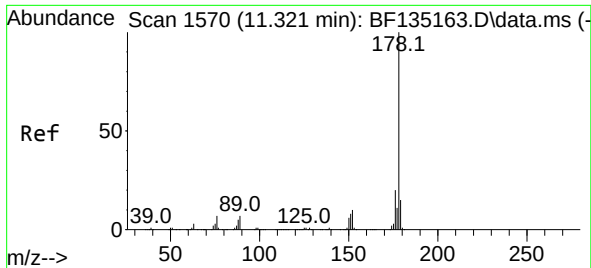
Ion Ratio Lower Upper

266 100

268 62.7 52.1 78.1

264 66.8 50.8 76.2

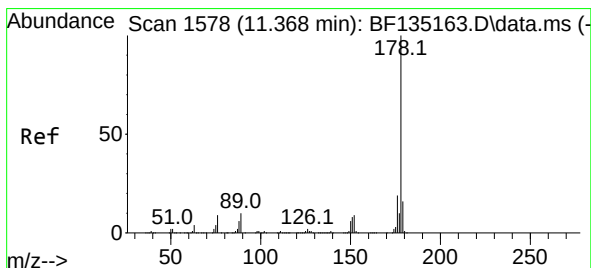
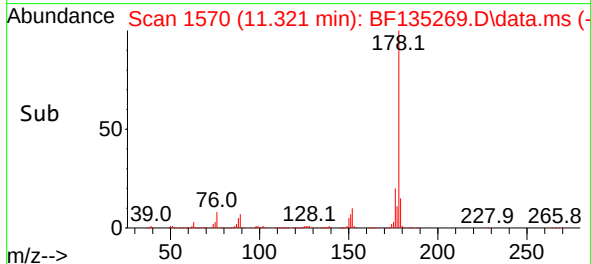
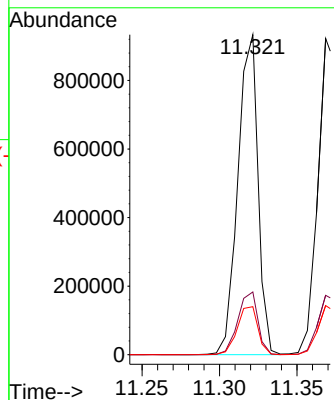
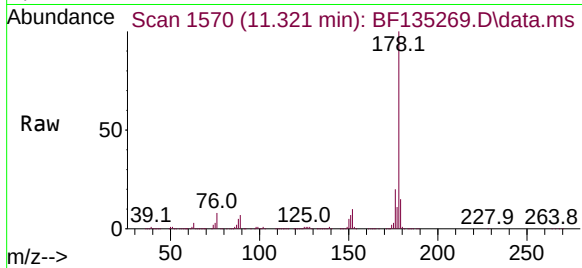




#71  
Phenanthrene  
Concen: 50.884 ng  
RT: 11.321 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

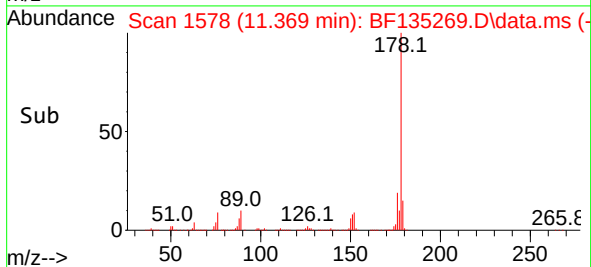
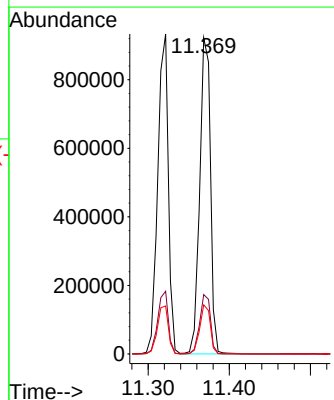
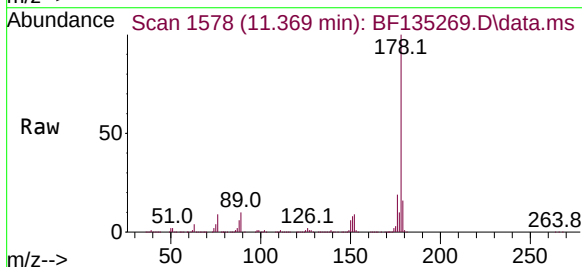
Instrument :  
BNA\_F  
ClientSampleId :

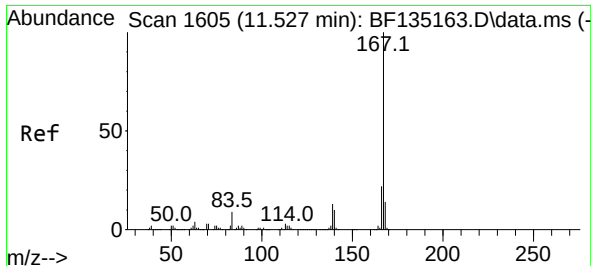
Tgt Ion:178 Resp: 843988  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.6 23.4  
179 15.0 12.0 18.0



#72  
Anthracene  
Concen: 49.960 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

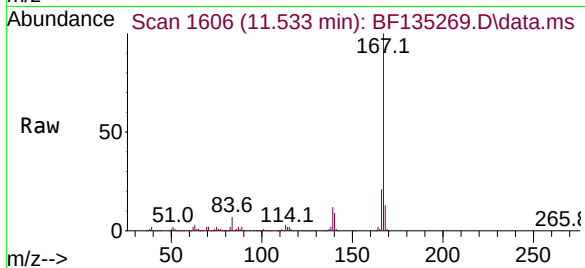
Tgt Ion:178 Resp: 851778  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.2  
179 15.5 12.6 19.0



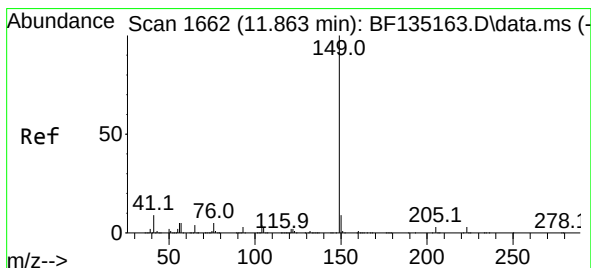
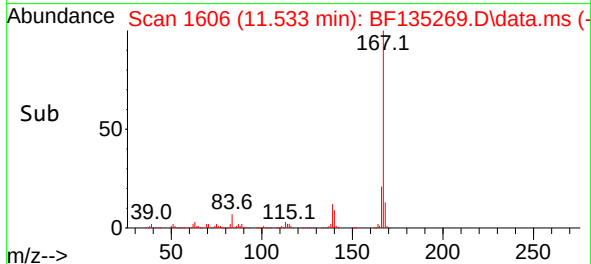
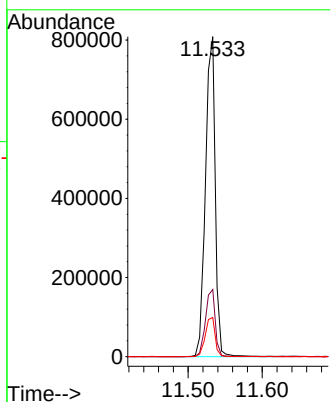


#73  
Carbazole  
Concen: 48.126 ng  
RT: 11.533 min Scan# 1606  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

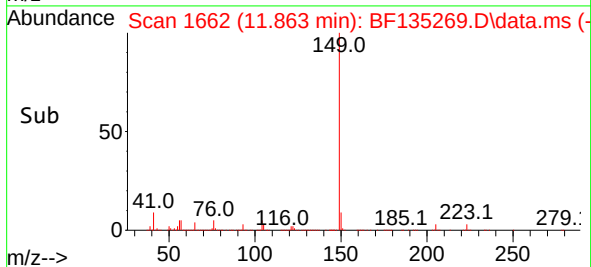
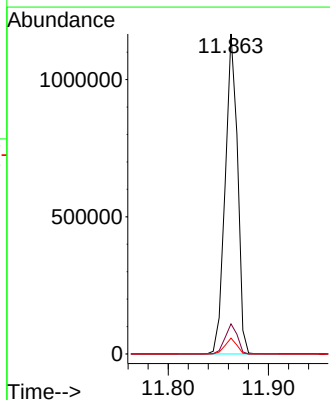
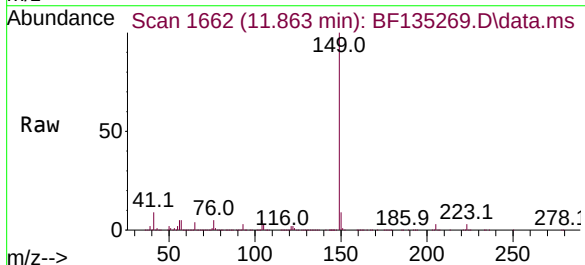


Tgt Ion:167 Resp: 746929  
Ion Ratio Lower Upper  
167 100  
166 21.0 17.4 26.0  
139 12.3 10.6 15.8

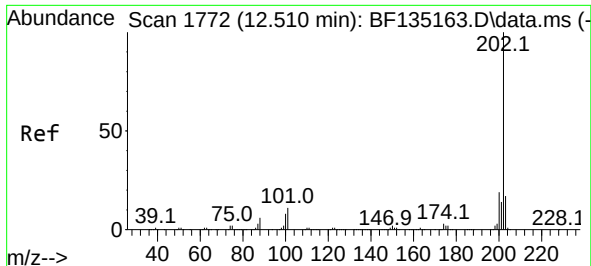


#74  
Di-n-butylphthalate  
Concen: 54.355 ng  
RT: 11.863 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:149 Resp: 994062  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.4 11.0  
104 5.0 3.6 5.4

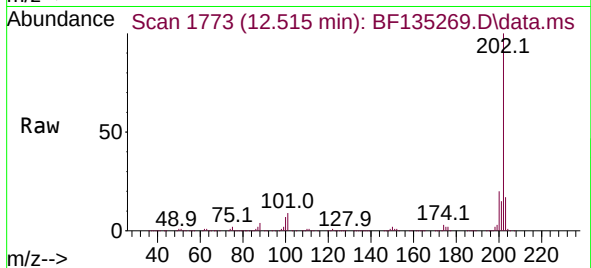




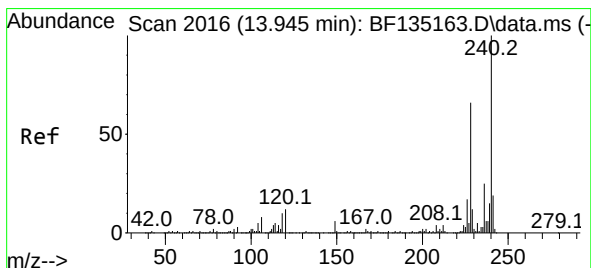
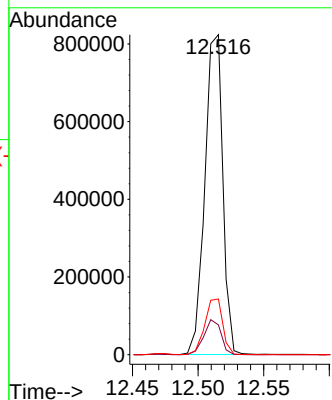
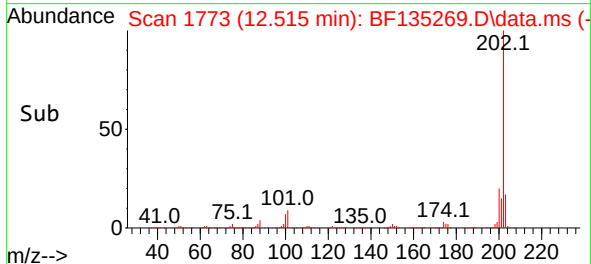


#75  
Fluoranthene  
Concen: 45.565 ng  
RT: 12.515 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

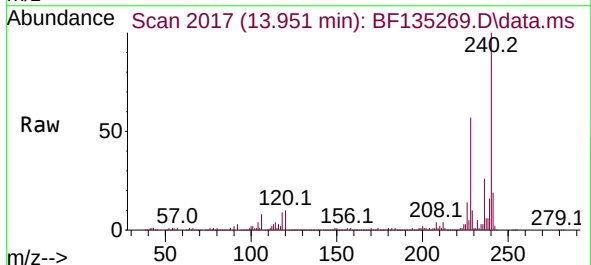
Instrument :  
BNA\_F  
ClientSampleId :



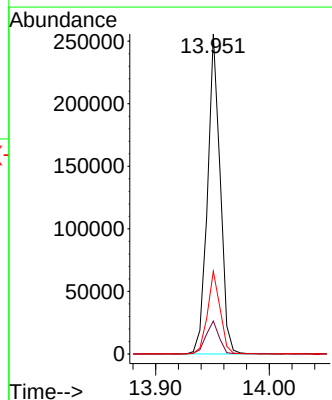
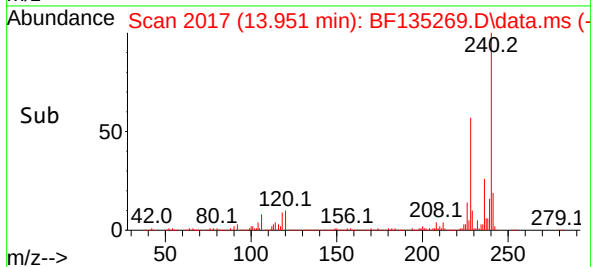
Tgt Ion:202 Resp: 787505  
Ion Ratio Lower Upper  
202 100  
101 9.3 0.0 31.3  
203 17.4 0.0 37.4

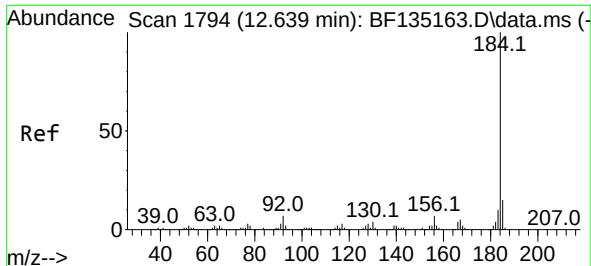


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18



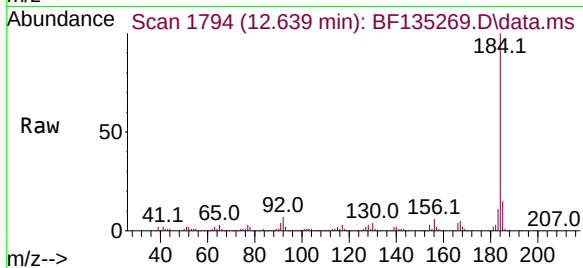
Tgt Ion:240 Resp: 197046  
Ion Ratio Lower Upper  
240 100  
120 10.3 9.4 14.2  
236 25.8 19.8 29.8



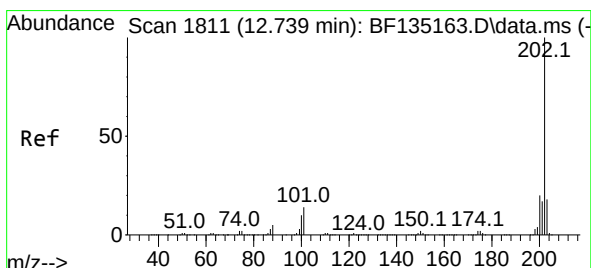
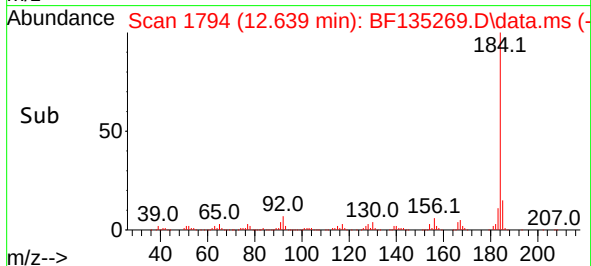
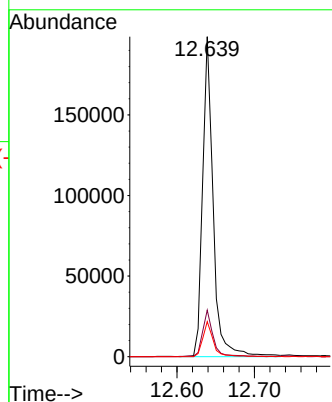


#77  
Benzidine  
Concen: 46.640 ng  
RT: 12.639 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

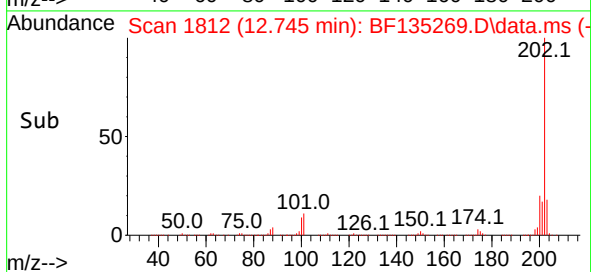
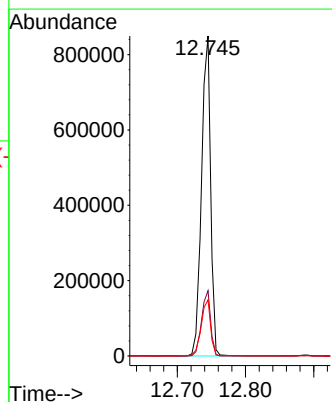
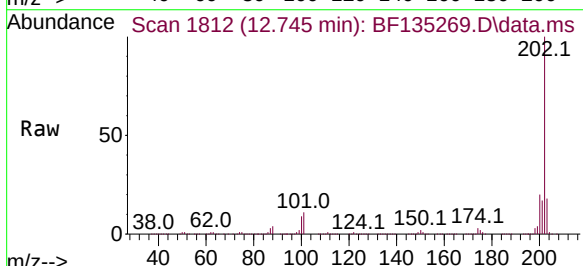


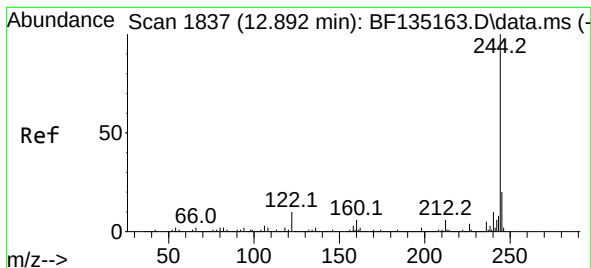
Tgt Ion:184 Resp: 188279  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.7 17.5  
183 10.9 8.2 12.4



#78  
Pyrene  
Concen: 41.984 ng  
RT: 12.745 min Scan# 1812  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:202 Resp: 787639  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.2 24.2  
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 60.362 ng

RT: 12.886 min Scan# 1836

Delta R.T. -0.006 min

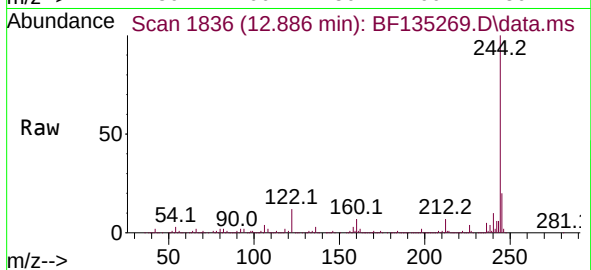
Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :



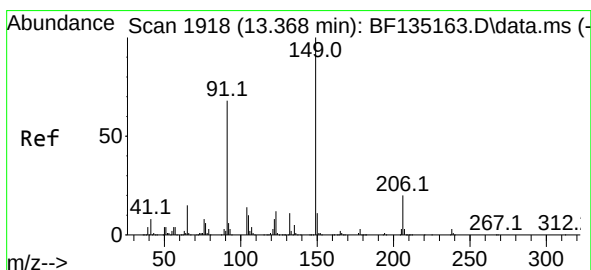
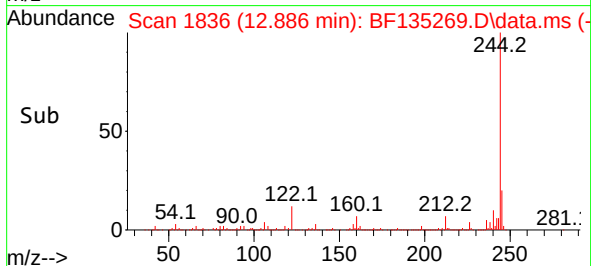
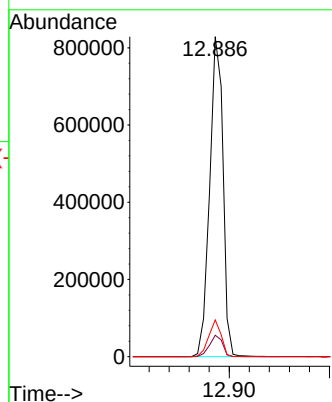
Tgt Ion:244 Resp: 767271

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.5 7.9 11.9



#80

Butylbenzylphthalate

Concen: 47.346 ng

RT: 13.368 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

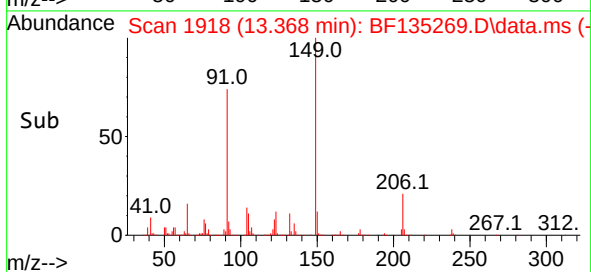
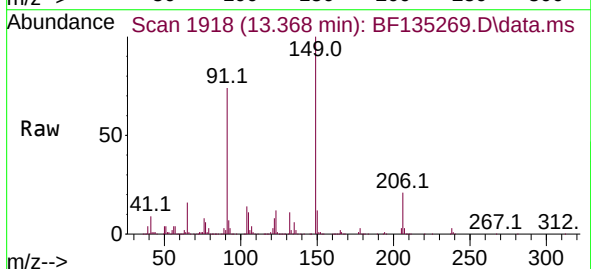
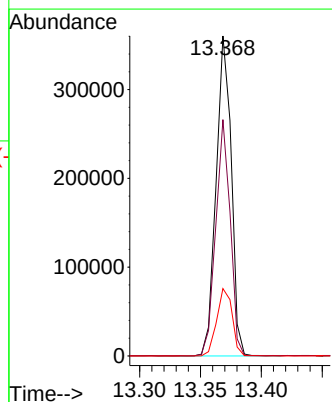
Tgt Ion:149 Resp: 312730

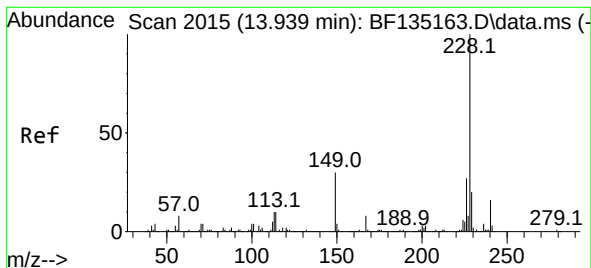
Ion Ratio Lower Upper

149 100

91 73.9 54.7 82.1

206 21.0 16.3 24.5





#81

Benzo(a)anthracene

Concen: 50.722 ng

RT: 13.939 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

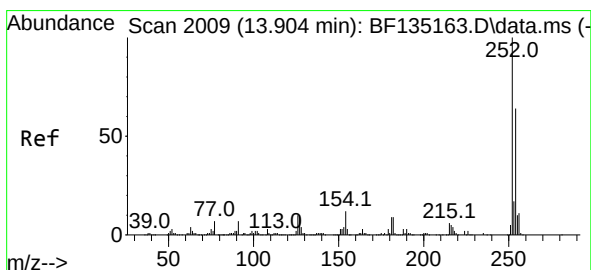
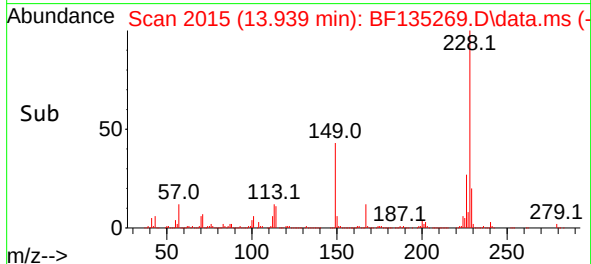
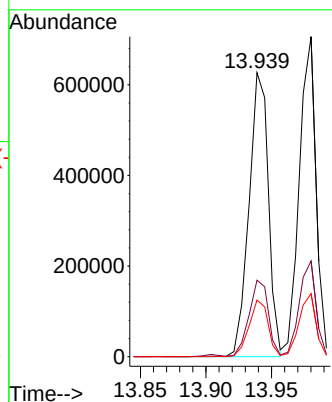
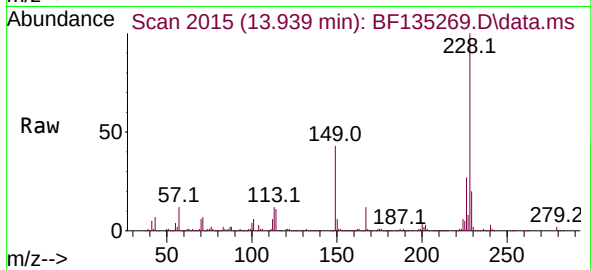
Tgt Ion:228 Resp: 645376

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 20.0 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 52.274 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

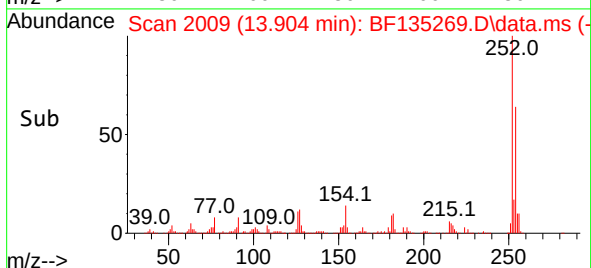
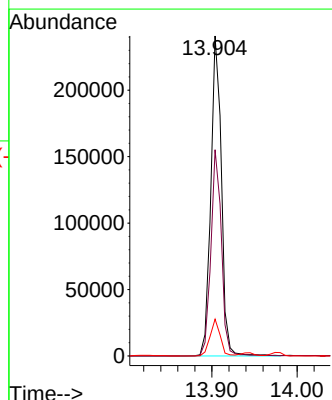
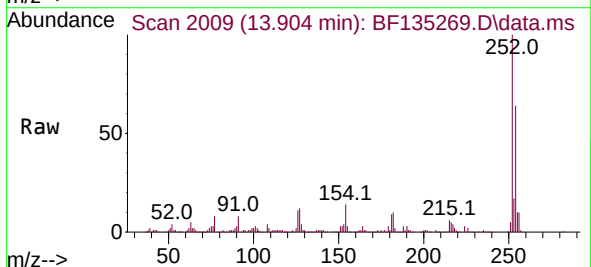
Tgt Ion:252 Resp: 207754

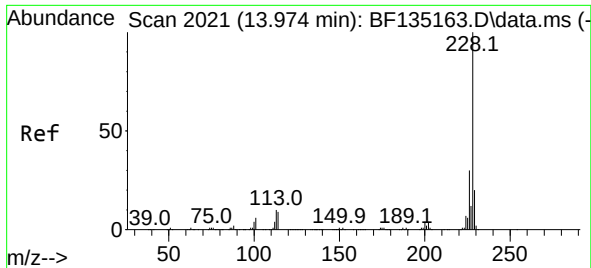
Ion Ratio Lower Upper

252 100

254 64.4 51.0 76.4

126 11.5 7.8 11.8





#83

Chrysene

Concen: 49.554 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

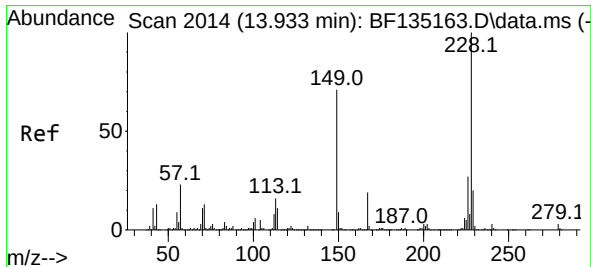
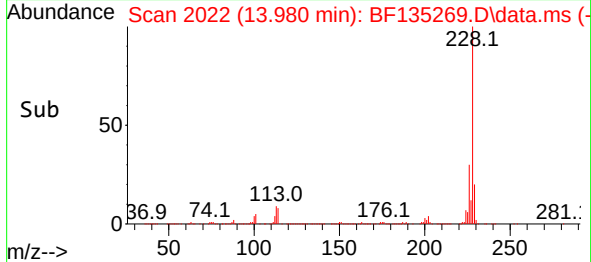
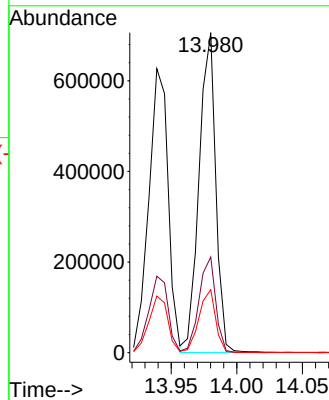
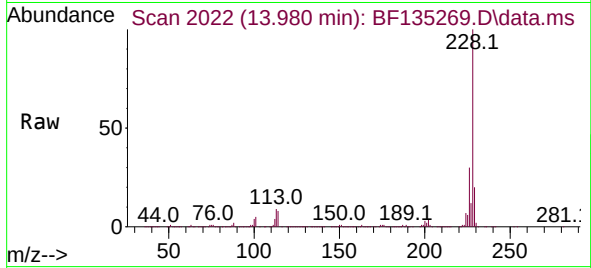
Tgt Ion:228 Resp: 626877

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.728 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

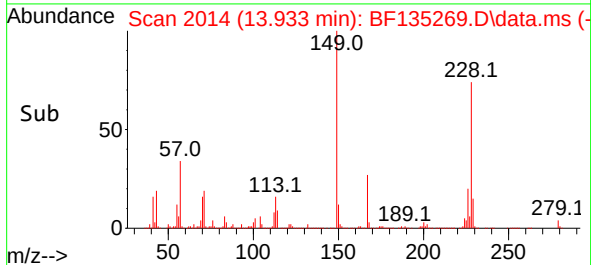
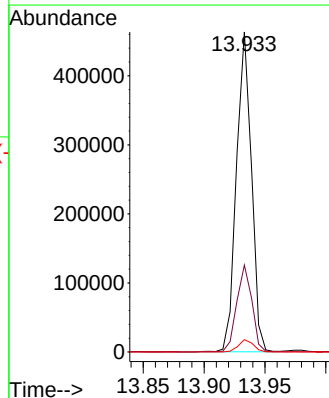
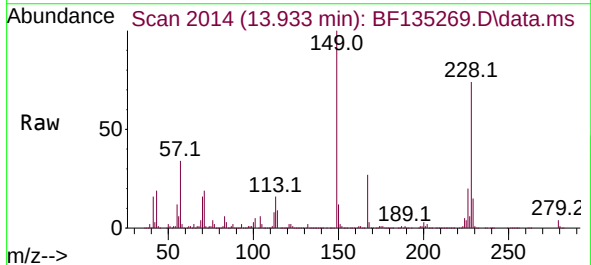
Tgt Ion:149 Resp: 398060

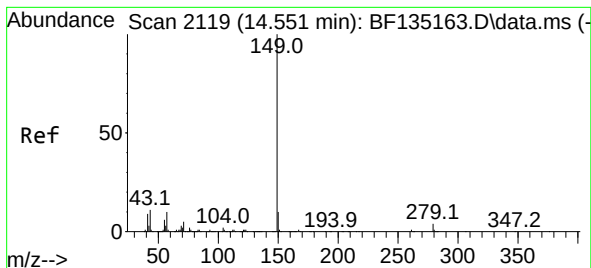
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 67.797 ng

RT: 14.551 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

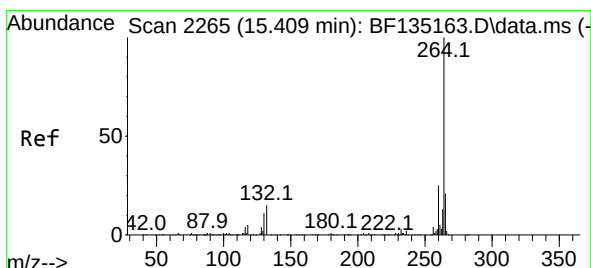
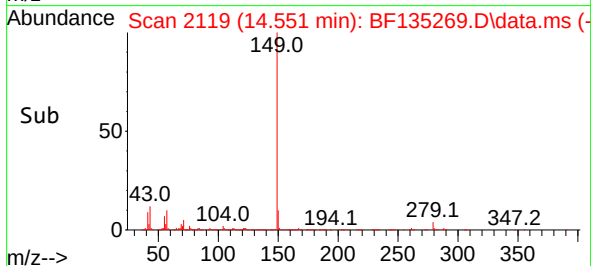
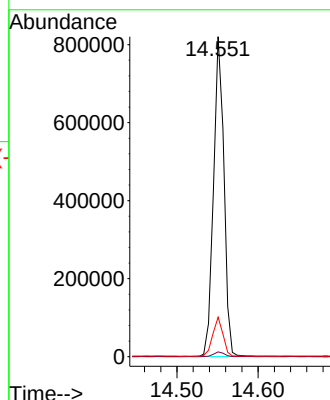
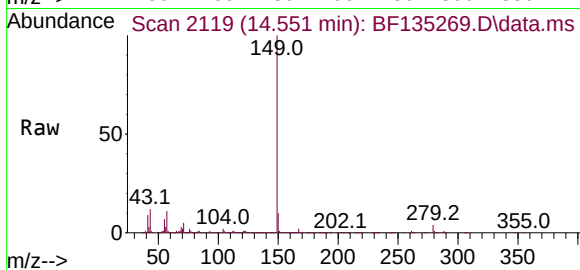
Tgt Ion:149 Resp: 730282

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 12.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

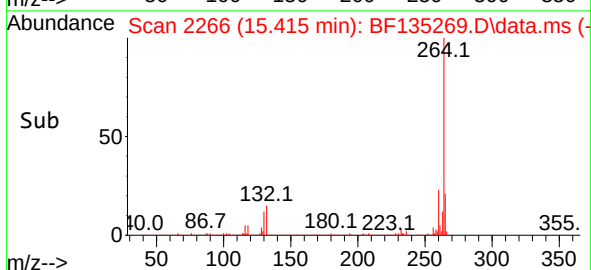
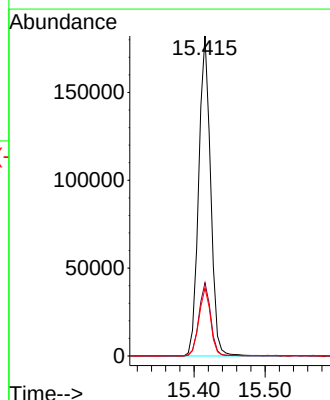
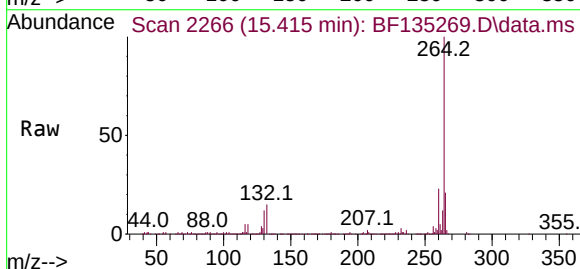
Tgt Ion:264 Resp: 212499

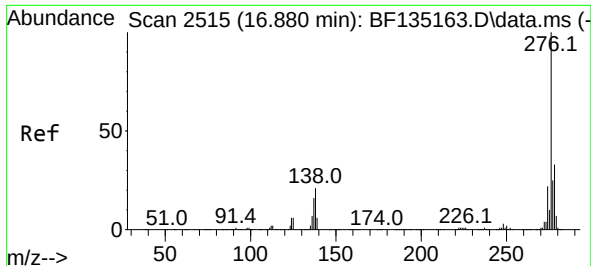
Ion Ratio Lower Upper

264 100

260 22.9 19.8 29.6

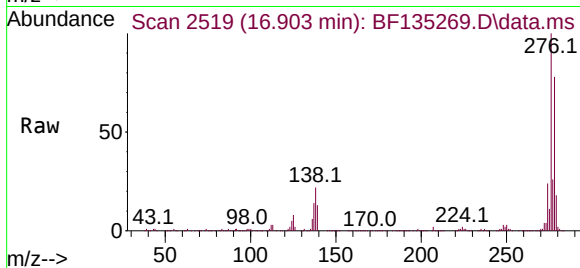
265 21.2 17.0 25.4



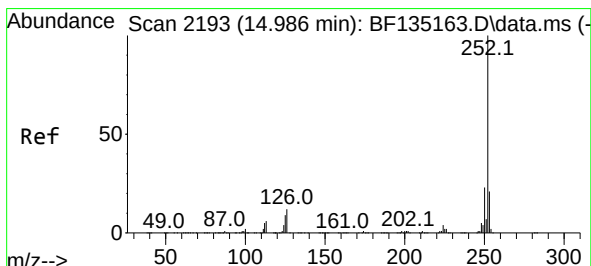
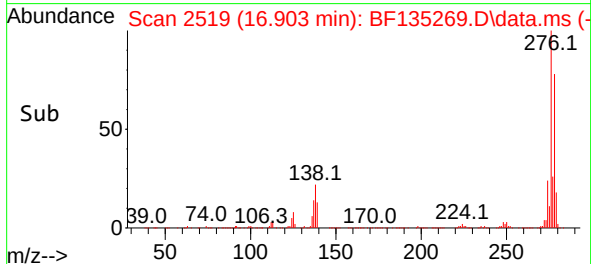
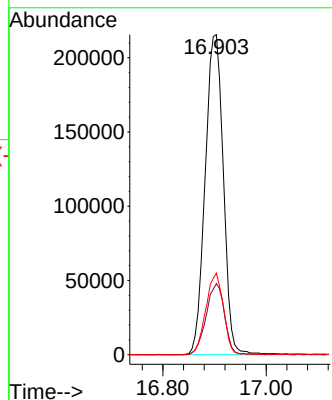


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 37.765 ng  
RT: 16.903 min Scan# 2119  
Delta R.T. 0.024 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Instrument :  
BNA\_F  
ClientSampleId :

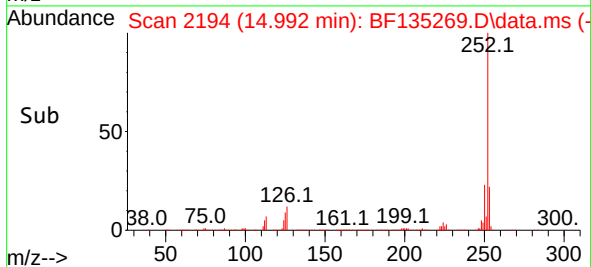
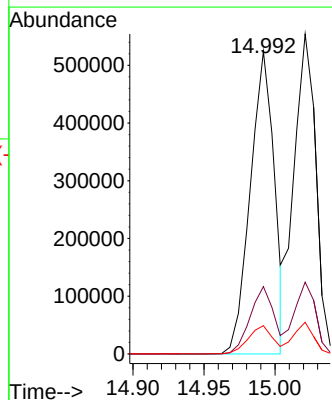
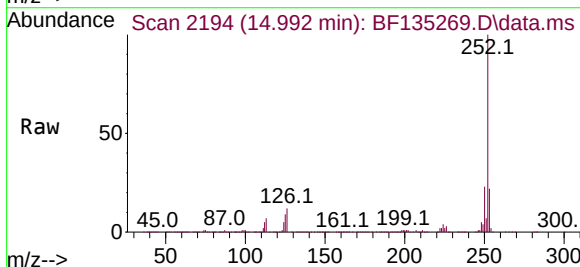


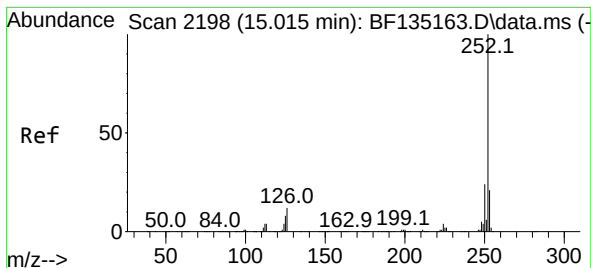
Tgt Ion:276 Resp: 526179  
Ion Ratio Lower Upper  
276 100  
138 22.4 19.2 28.8  
277 24.8 19.7 29.5



#88  
Benzo(b)fluoranthene  
Concen: 53.636 ng  
RT: 14.992 min Scan# 2194  
Delta R.T. 0.006 min  
Lab File: BF135269.D  
Acq: 14 Sep 2023 23:18

Tgt Ion:252 Resp: 616992  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.2 25.8  
125 9.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.640 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

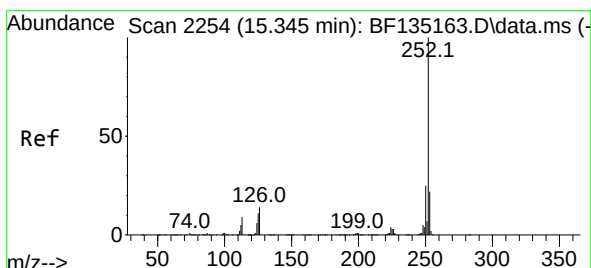
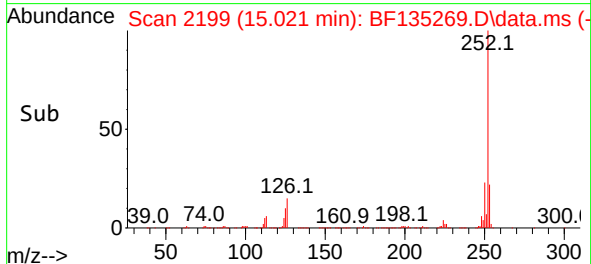
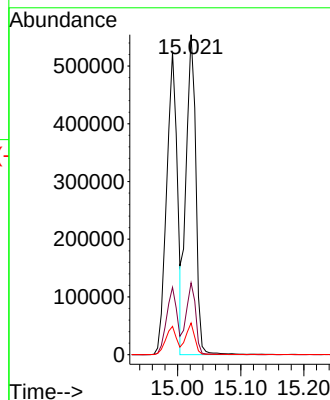
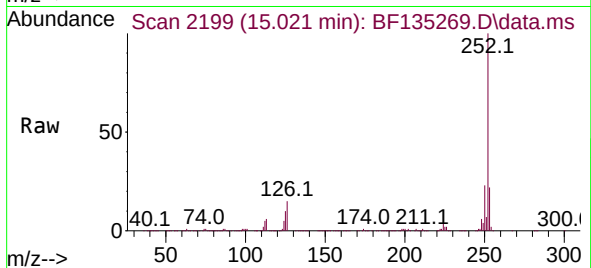
Tgt Ion:252 Resp: 598167

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 9.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 47.658 ng

RT: 15.357 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

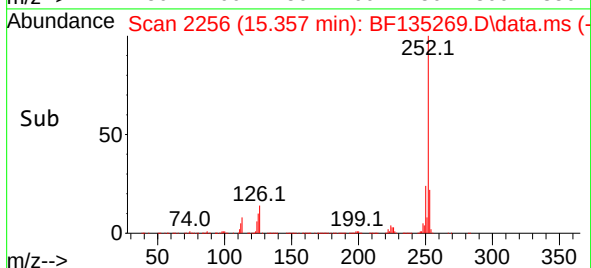
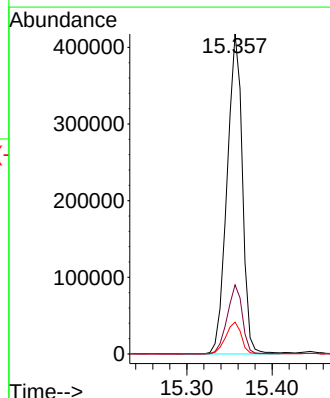
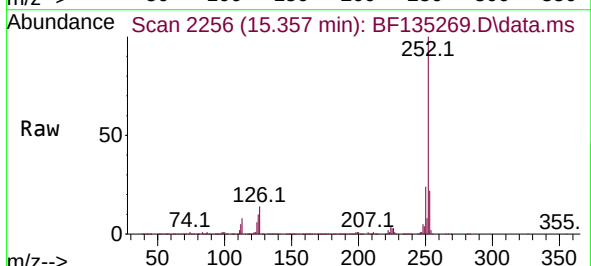
Tgt Ion:252 Resp: 522802

Ion Ratio Lower Upper

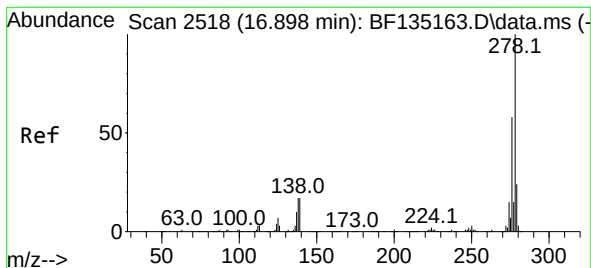
252 100

253 21.6 17.5 26.3

125 10.0 9.2 13.8







#91

Dibenzo(a,h)anthracene

Concen: 38.589 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.018 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Instrument :

BNA\_F

ClientSampleId :

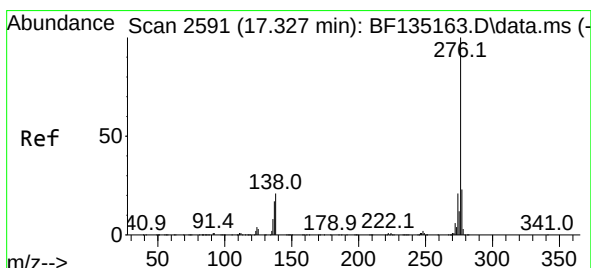
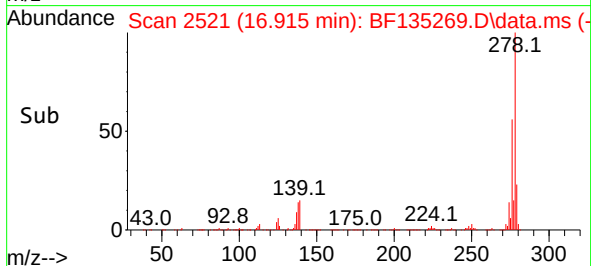
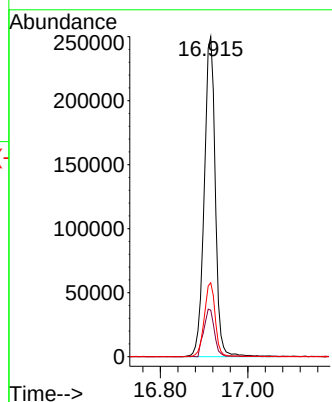
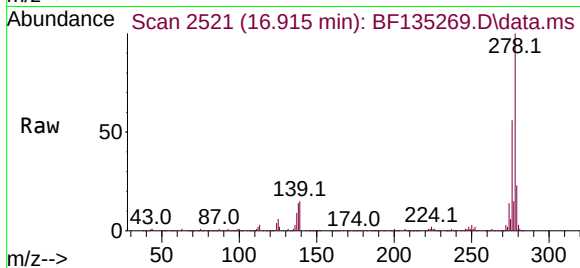
Tgt Ion:278 Resp: 439918

Ion Ratio Lower Upper

278 100

139 14.6 13.4 20.0

279 23.1 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 34.107 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.018 min

Lab File: BF135269.D

Acq: 14 Sep 2023 23:18

Tgt Ion:276 Resp: 406078

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.9 16.9 25.3

