

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF123024\  
 Data File : BF141039.D  
 Acq On : 30 Dec 2024 18:58  
 Operator : RC/JU  
 Sample : P5386-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MOO-24-00398

Quant Time: Dec 31 00:15:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 150094   | 20.000  | ng    | 0.01     |
| 21) Naphthalene-d8            | 8.128  | 136  | 341017   | 20.000  | ng    | # 0.02   |
| 39) Acenaphthene-d10          | 9.874  | 164  | 268521   | 20.000  | ng    | 0.01     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 242952   | 20.000  | ng    | # 0.05   |
| 76) Chrysene-d12              | 14.015 | 240  | 409834   | 20.000  | ng    | # 0.03   |
| 86) Perylene-d12              | 15.468 | 264  | 512914   | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 1118300  | 112.310 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.486  | 99   | 1374643  | 107.167 | ng    | 0.04     |
| 23) Nitrobenzene-d5           | 7.392  | 82   | 776536   | 145.685 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.674 | 330  | 253436   | 97.130  | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 1228849  | 72.912  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 1034327  | 41.920  | ng    | 0.04     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 6) Aniline                    | 6.528  | 93   | 28948    | 2.530   | ng    | # 1      |
| 9) Benzaldehyde               | 6.375  | 77   | 1411534  | 273.384 | ng    | # 1      |
| 10) Phenol                    | 6.504  | 94   | 43162    | 3.254   | ng    | # 1      |
| 11) bis(2-Chloroethyl)ether   | 6.592  | 93   | 31995    | 2.988   | ng    | # 1      |
| 15) Benzyl Alcohol            | 7.004  | 79   | 196046   | 21.269  | ng    | # 1      |
| 17) 2-Methylphenol            | 7.116  | 107  | 36014    | 4.129   | ng    | # 1      |
| 18) Hexachloroethane          | 7.369  | 117  | 189722   | 45.728  | ng    | # 1      |
| 22) Acetophenone              | 7.228  | 105  | 1398483  | 167.170 | ng    | # 57     |
| 24) Nitrobenzene              | 7.381  | 77   | 616211   | 103.461 | ng    | # 38     |
| 25) Isophorone                | 7.645  | 82   | 400273   | 34.510  | ng    | # 1      |
| 26) 2-Nitrophenol             | 7.751  | 139  | 274682   | 105.409 | ng    | # 42     |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 120086   | 28.329  | ng    | # 1      |
| 28) bis(2-Chloroethoxy)met... | 7.880  | 93   | 950135   | 129.290 | ng    | # 38     |
| 31) Naphthalene               | 8.151  | 128  | 41967    | 2.335   | ng    | # 1      |
| 32) Benzoic acid              | 7.880  | 122  | 68924    | 24.284  | ng    | # 1      |
| 33) 4-Chloroaniline           | 8.257  | 127  | 69264    | 10.655  | ng    | # 10     |
| 35) Caprolactam               | 8.551  | 113  | 263357   | 161.133 | ng    | # 1      |
| 36) 4-Chloro-3-methylphenol   | 8.680  | 107  | 111722   | 20.925  | ng    | # 23     |
| 37) 2-Methylnaphthalene       | 8.839  | 142  | 25196    | 2.192   | ng    | # 45     |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 24826    | 2.197   | ng    | # 55     |
| 46) 1,1'-Biphenyl             | 9.292  | 154  | 64864    | 3.155   | ng    | 97       |
| 48) 2-Nitroaniline            | 9.422  | 65   | 2131     | 5.105   | ng    | # 61     |
| 49) Acenaphthylene            | 9.745  | 152  | 48075    | 2.094   | ng    | # 1      |
| 50) Dimethylphthalate         | 9.563  | 163  | 73390    | 4.155   | ng    | # 20     |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 31262    | 11.673  | ng    | # 33     |
| 53) 3-Nitroaniline            | 9.833  | 138  | 49301    | 14.995  | ng    | # 19     |
| 54) 2,4-Dinitrophenol         | 9.922  | 184  | 1766     | 7.980   | ng    | # 1      |
| 55) Dibenzofuran              | 9.857  | 168  | 103110   | 4.728   | ng    | 90       |
| 56) 4-Nitrophenol             | 9.980  | 139  | 6571     | 2.175   | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 10.051 | 165  | 40231    | 12.771  | ng    | # 40     |
| 58) Fluorene                  | 10.427 | 166  | 44488    | 2.631   | ng    | # 1      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.198 | 232  | 9160     | 2.199   | ng    | # 1      |
| 60) Diethylphthalate          | 10.292 | 149  | 131400   | 7.536   | ng    | # 52     |
| 61) 4-Chlorophenyl-phenyle... | 10.445 | 204  | 34961    | 4.296   | ng    | # 1      |
| 62) 4-Nitroaniline            | 10.298 | 138  | 67988    | 19.508  | ng    | 93       |
| 63) Azobenzene                | 10.592 | 77   | 69196    | 3.781   | ng    | # 25     |

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 Sample : P5386-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

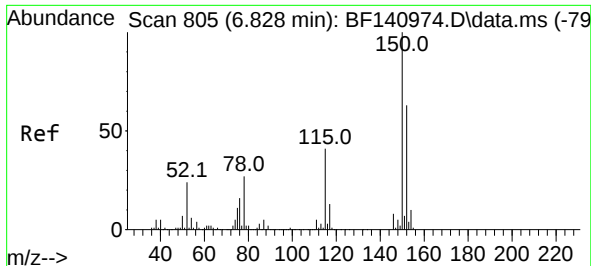
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MOO-24-00398

Quant Time: Dec 31 00:15:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122624.M  
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 QLast Update : Fri Dec 27 00:31:16 2024  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 6187     | 14.487 | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.557 | 169  | 179626   | 23.479 | ng    | # 57     |
| 67) 4-Bromophenyl-phenylether | 10.880 | 248  | 14577    | 5.550  | ng    | # 1      |
| 70) Pentachlorophenol         | 11.174 | 266  | 3623     | 2.009  | ng    | # 1      |
| 71) Phenanthrene              | 11.421 | 178  | 152349   | 11.915 | ng    | # 1      |
| 72) Anthracene                | 11.421 | 178  | 152349   | 12.159 | ng    | # 1      |
| 74) Di-n-butylphthalate       | 11.963 | 149  | 178548   | 13.033 | ng    | # 42     |
| 75) Fluoranthene              | 12.615 | 202  | 30794    | 2.220  | ng    | # 1      |
| 77) Benzidine                 | 12.686 | 184  | 17931    | 2.070  | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 13.992 | 149  | 696630   | 41.033 | ng    | # 94     |
| 85) Di-n-octyl phthalate      | 14.639 | 149  | 292683   | 11.911 | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

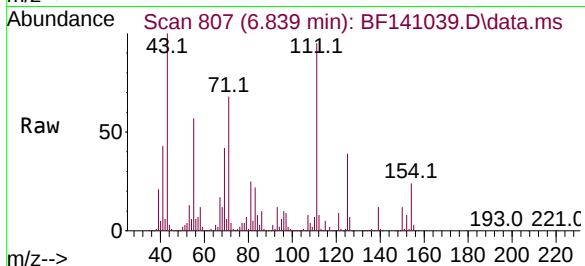
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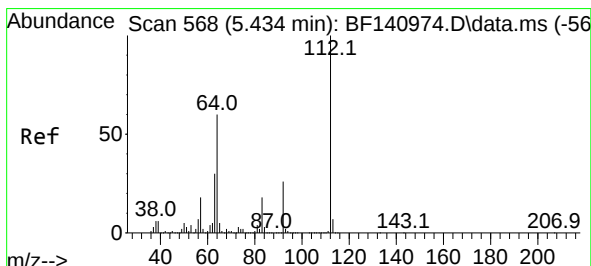
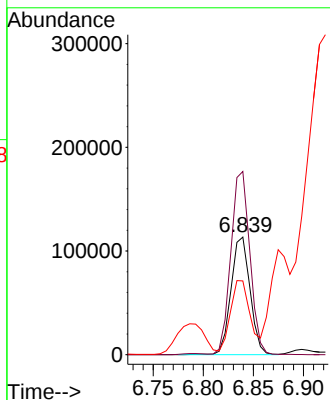
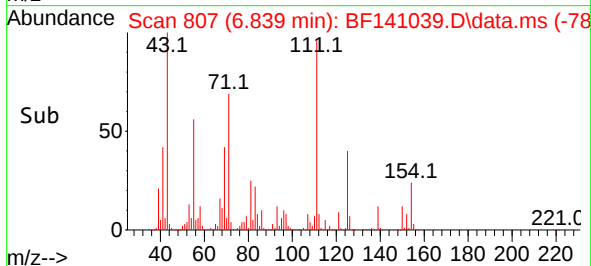


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 805  
Delta R.T. 0.011 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

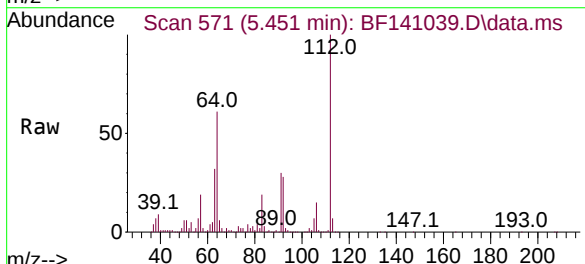
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398



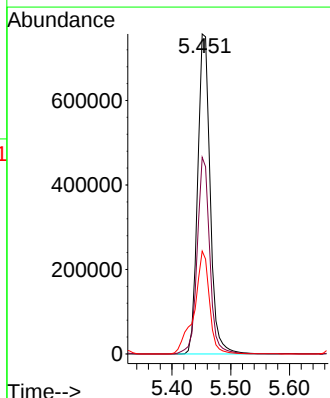
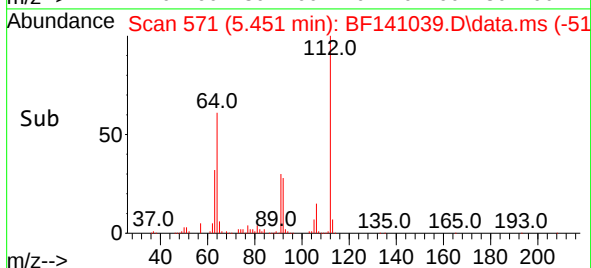
Tgt Ion:152 Resp: 150094  
Ion Ratio Lower Upper  
152 100  
150 155.7 127.0 190.6  
115 62.7 51.7 77.5

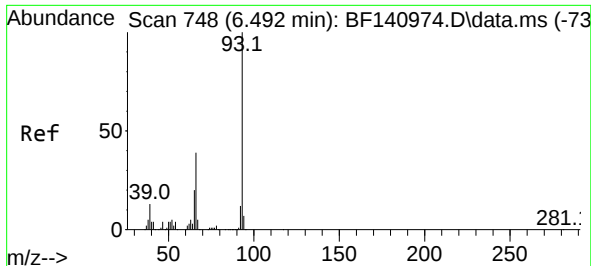


#5  
2-Fluorophenol  
Concen: 112.310 ng  
RT: 5.451 min Scan# 571  
Delta R.T. 0.018 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58



Tgt Ion:112 Resp: 1118300  
Ion Ratio Lower Upper  
112 100  
64 61.5 47.7 71.5  
63 32.1 24.2 36.2





#6

Aniline

Concen: 2.530 ng

RT: 6.528 min Scan# 748

Delta R.T. 0.018 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

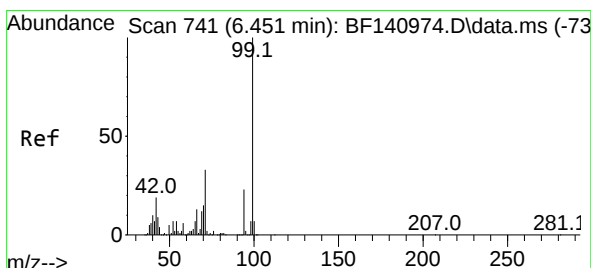
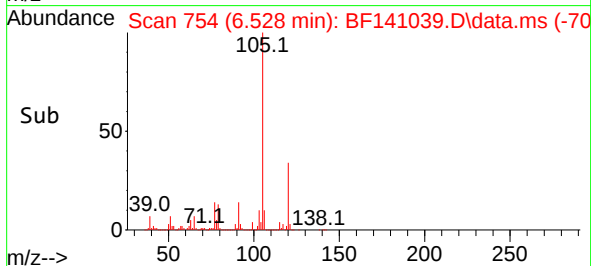
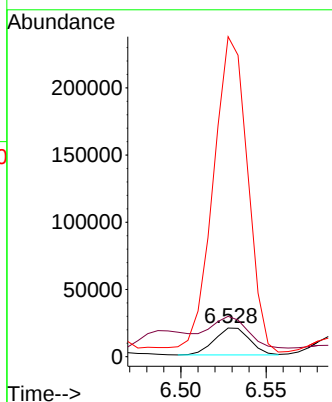
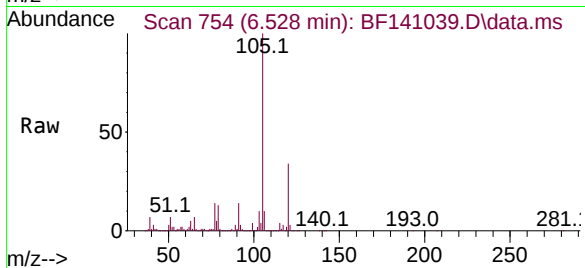
Tgt Ion: 93 Resp: 28948

Ion Ratio Lower Upper

93 100

66 140.6 31.8 47.8#

65 1116.2 15.4 23.0#



#7

Phenol-d6

Concen: 107.167 ng

RT: 6.486 min Scan# 747

Delta R.T. 0.035 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

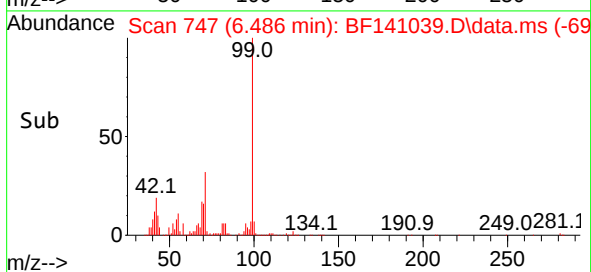
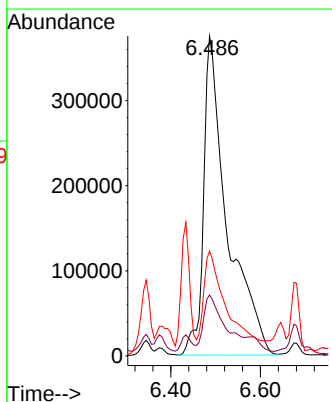
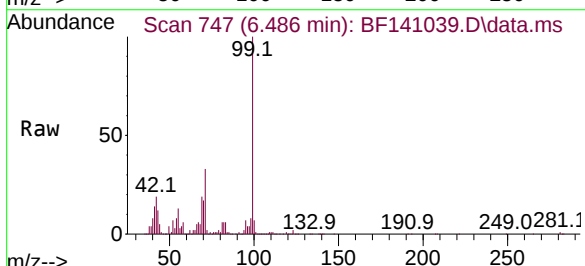
Tgt Ion: 99 Resp: 1374643

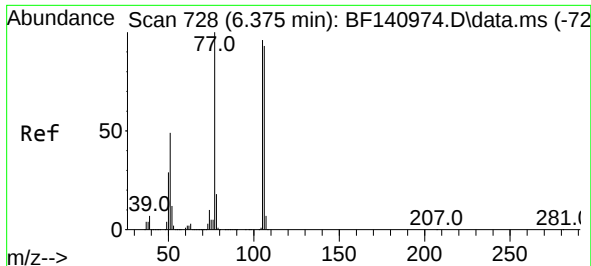
Ion Ratio Lower Upper

99 100

42 19.1 15.0 22.4

71 32.8 26.2 39.2





#9

Benzaldehyde

Concen: 273.384 ng

RT: 6.375 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

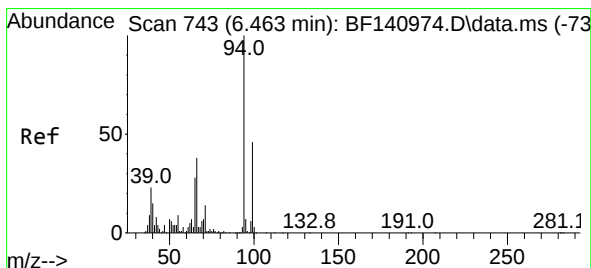
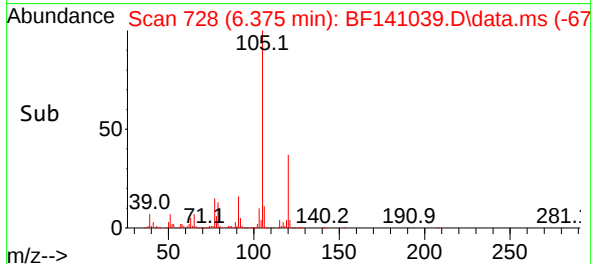
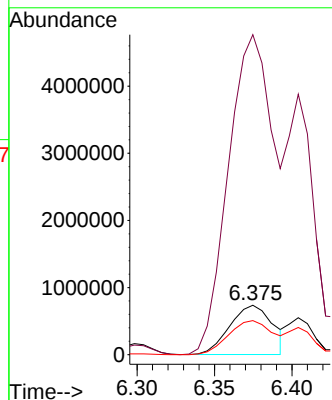
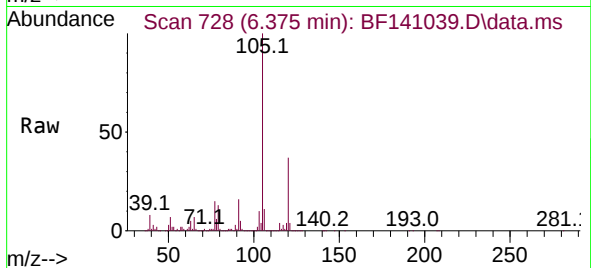
BNA\_F

ClientSampleId :

MOO-24-00398

Tgt Ion: 77 Resp: 1411534

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 77  | 100   |       |        |
| 105 | 646.6 | 76.2  | 116.2# |
| 106 | 69.0  | 73.4  | 113.4# |



#10

Phenol

Concen: 3.254 ng

RT: 6.504 min Scan# 750

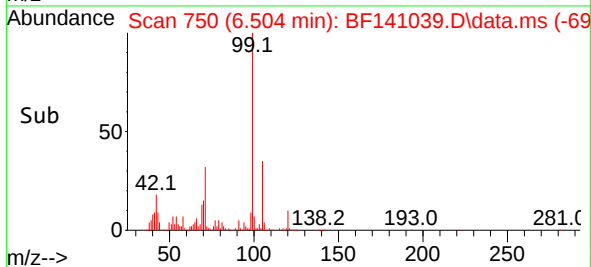
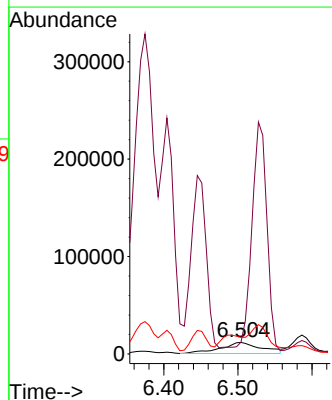
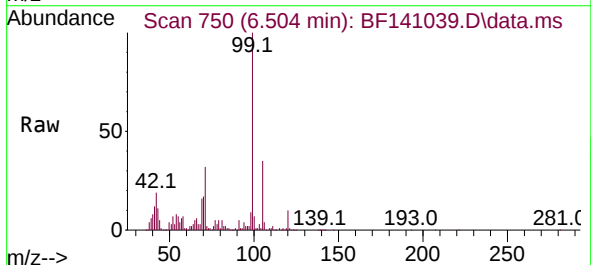
Delta R.T. 0.041 min

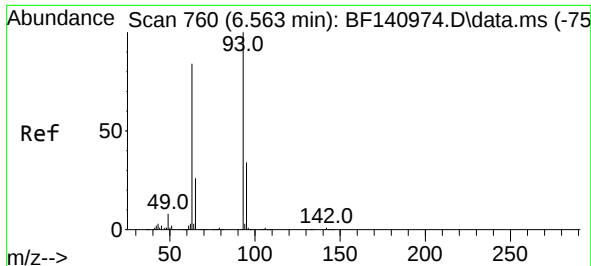
Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Tgt Ion: 94 Resp: 43162

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 102.9 | 8.1   | 48.1# |
| 66  | 144.2 | 18.7  | 58.7# |

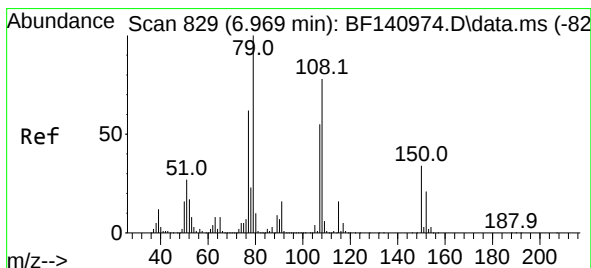
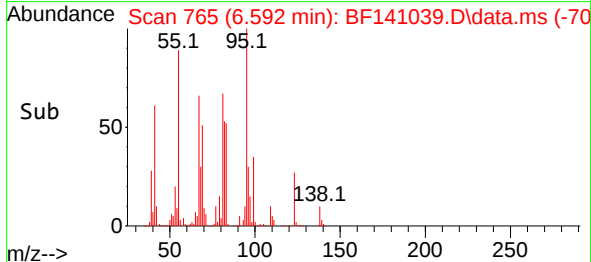
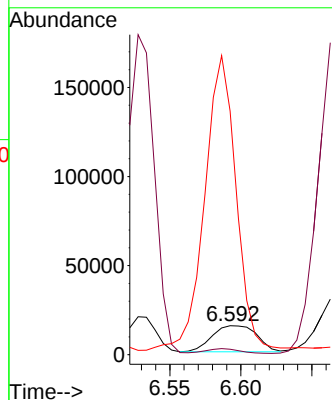
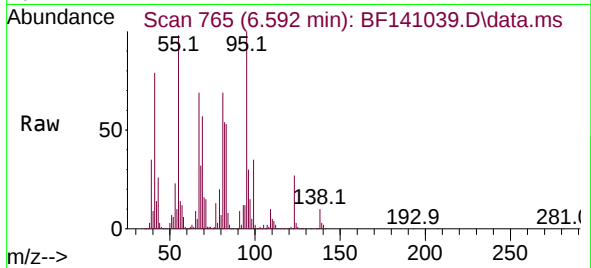




#11  
bis(2-Chloroethyl)ether  
Concen: 2.988 ng  
RT: 6.592 min Scan# 704  
Delta R.T. 0.029 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

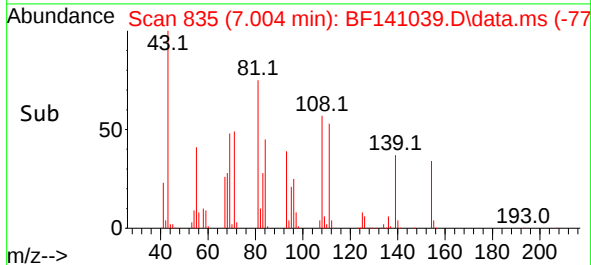
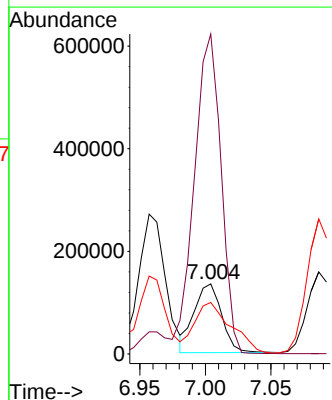
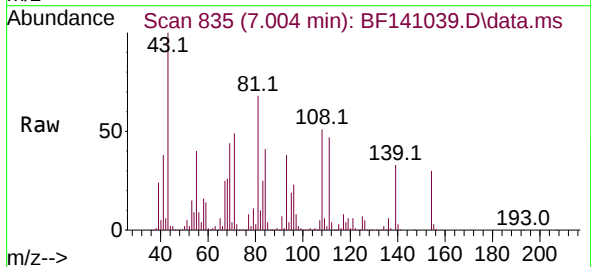
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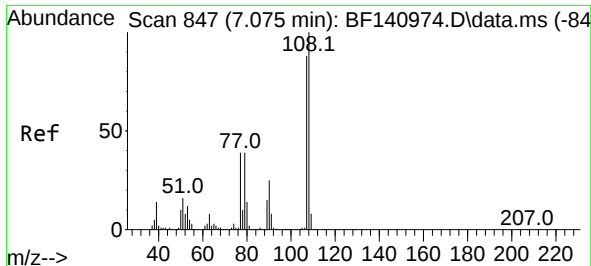
Tgt Ion: 93 Resp: 31995  
Ion Ratio Lower Upper  
93 100  
63 19.0 60.3 100.3#  
95 842.7 12.2 52.2#



#15  
Benzyl Alcohol  
Concen: 21.269 ng  
RT: 7.004 min Scan# 835  
Delta R.T. 0.035 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion: 79 Resp: 196046  
Ion Ratio Lower Upper  
79 100  
108 456.9 62.5 93.7#  
77 73.7 49.3 73.9





#17

2-Methylphenol

Concen: 4.129 ng

RT: 7.116 min Scan# 81

Delta R.T. 0.041 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

Tgt Ion:107 Resp: 36014

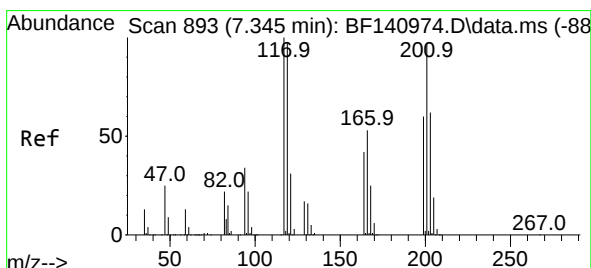
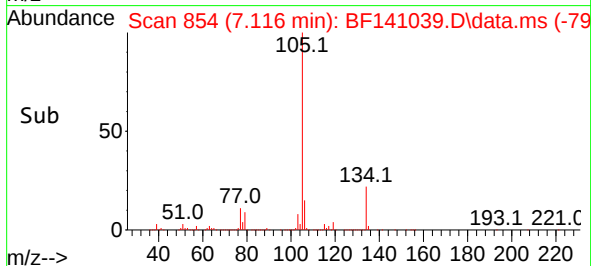
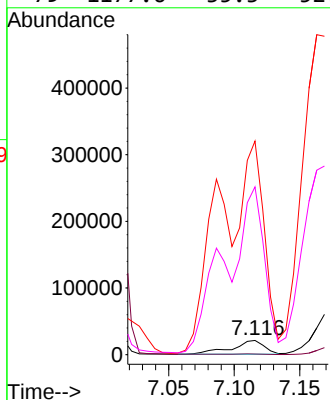
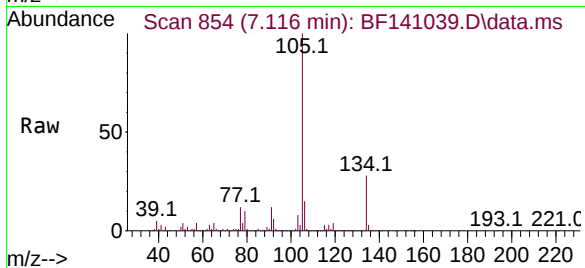
Ion Ratio Lower Upper

107 100

108 4.9 90.6 136.0#

77 1498.0 35.3 52.9#

79 1177.6 35.3 52.9#



#18

Hexachloroethane

Concen: 45.728 ng

RT: 7.369 min Scan# 897

Delta R.T. 0.023 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

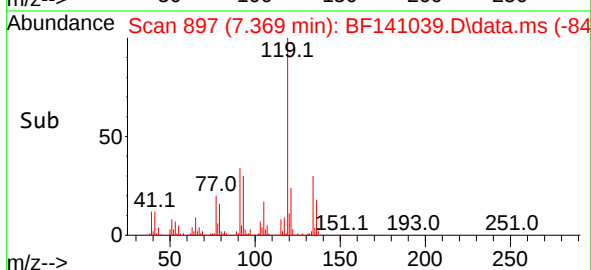
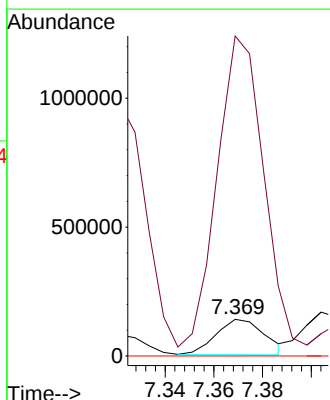
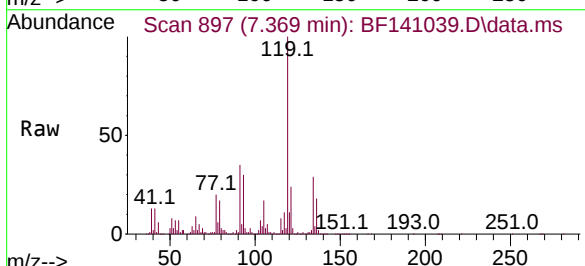
Tgt Ion:117 Resp: 189722

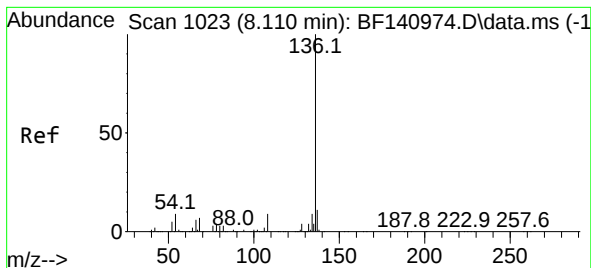
Ion Ratio Lower Upper

117 100

119 871.5 77.5 116.3#

201 0.0 77.4 116.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. 0.017 min

Lab File: BF141039.D

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Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

Tgt Ion:136 Resp: 341017

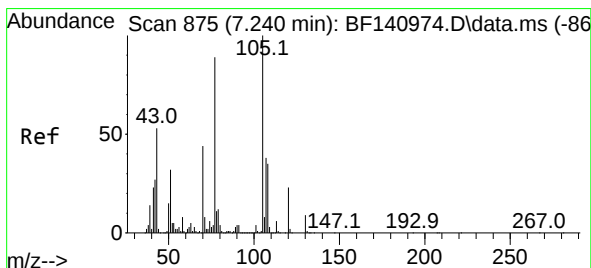
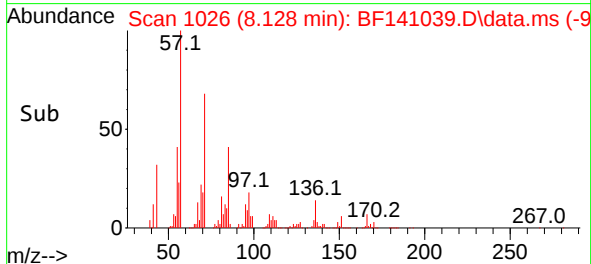
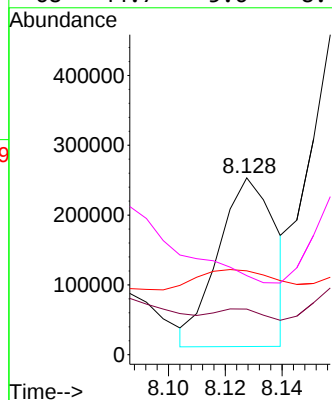
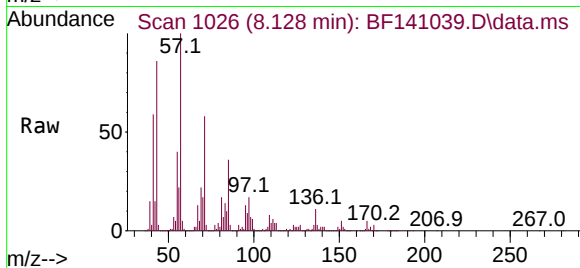
Ion Ratio Lower Upper

136 100

137 25.8 9.0 13.4#

54 47.4 7.6 11.4#

68 44.7 5.6 8.4#



#22

Acetophenone

Concen: 167.170 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.012 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Tgt Ion:105 Resp: 1398483

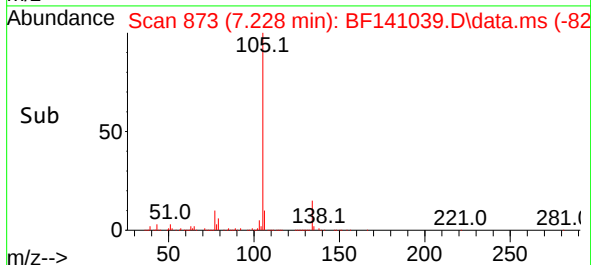
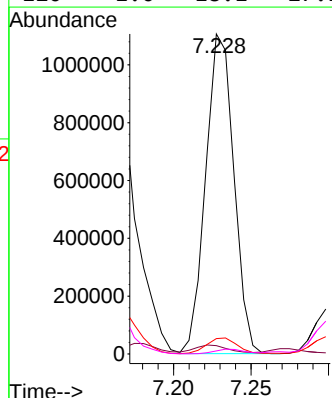
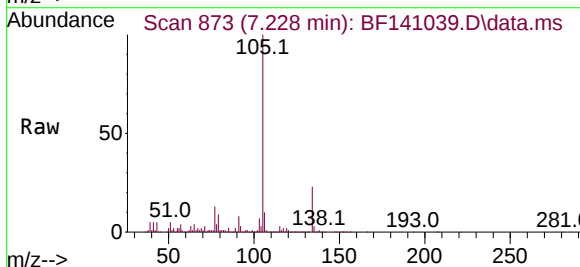
Ion Ratio Lower Upper

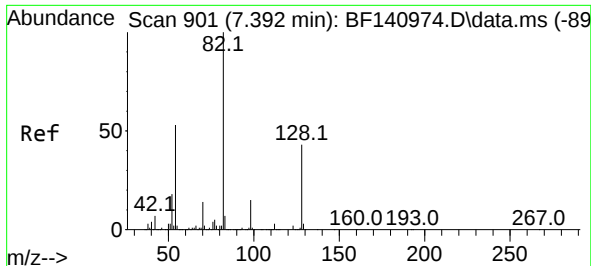
105 100

71 2.6 6.1 9.1#

51 4.8 25.8 38.6#

120 1.0 18.1 27.1#





#23

Nitrobenzene-d5

Concen: 145.685 ng

RT: 7.392 min Scan# 901

Delta R.T. -0.000 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

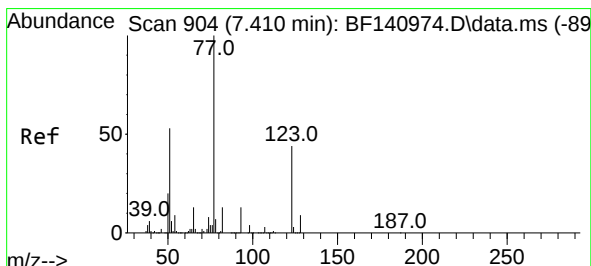
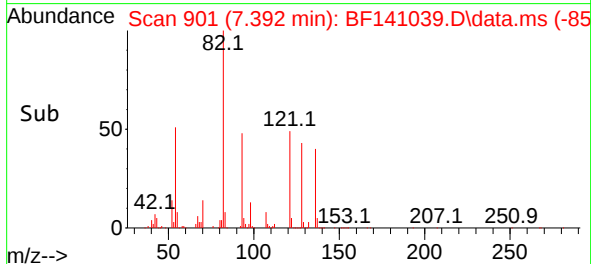
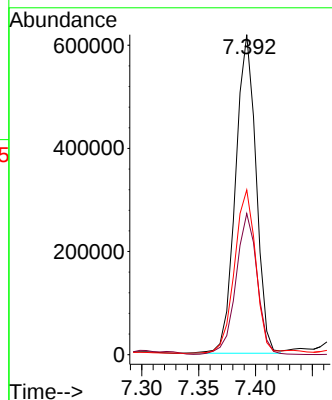
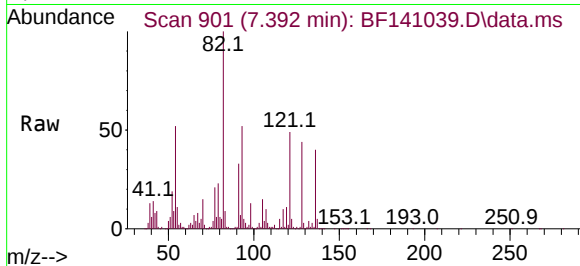
Tgt Ion: 82 Resp: 776536

Ion Ratio Lower Upper

82 100

128 44.1 34.4 51.6

54 51.5 42.4 63.6



#24

Nitrobenzene

Concen: 103.461 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.030 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

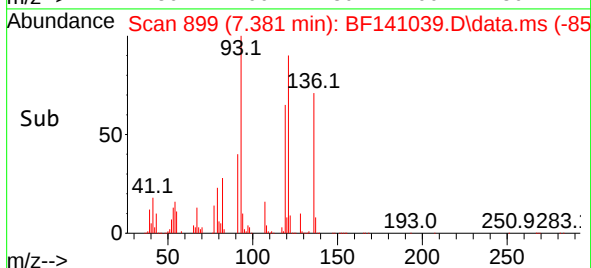
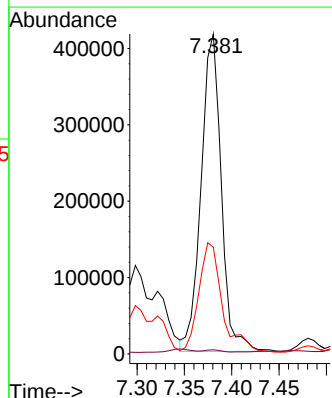
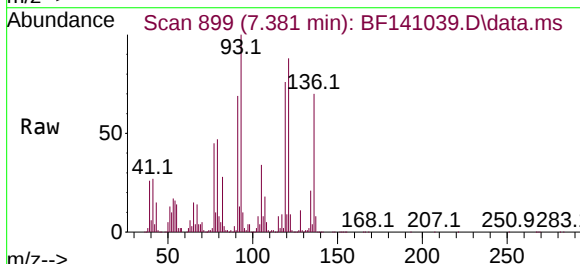
Tgt Ion: 77 Resp: 616211

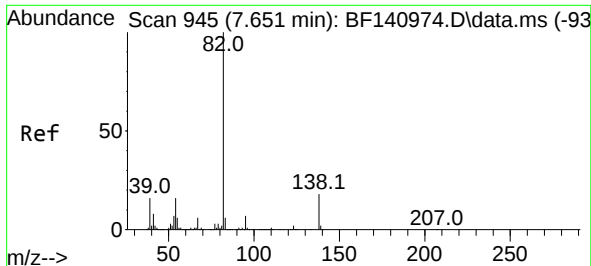
Ion Ratio Lower Upper

77 100

123 1.3 35.4 53.2#

65 33.3 10.7 16.1#

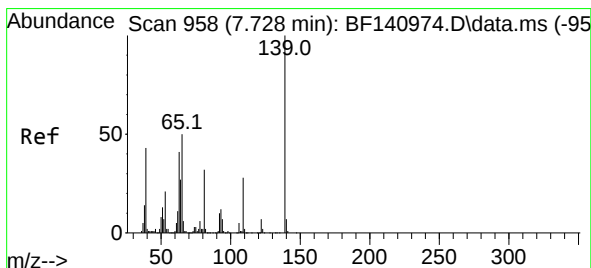
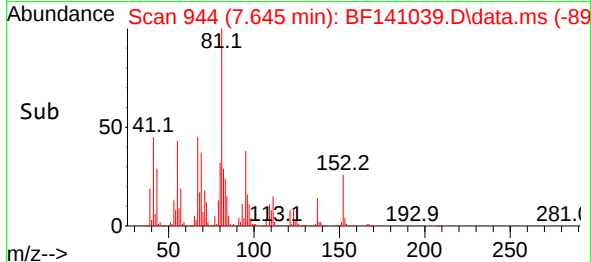
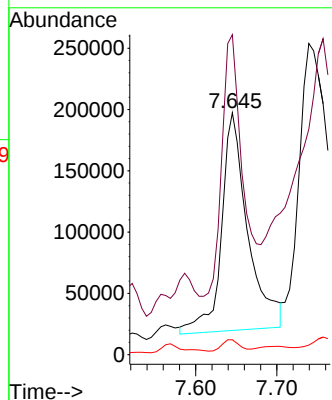
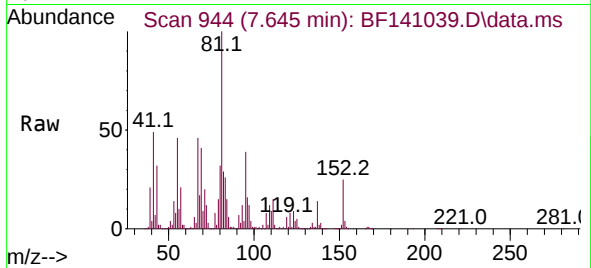




#25  
Isophorone  
Concen: 34.510 ng  
RT: 7.645 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

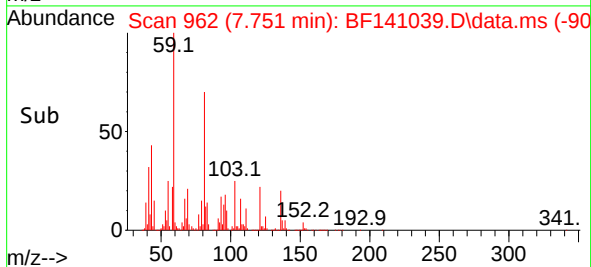
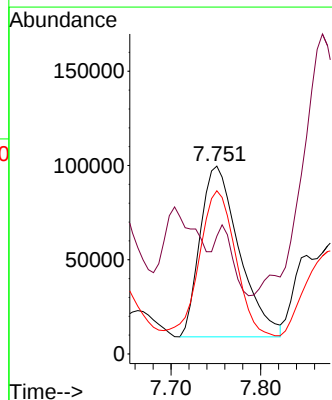
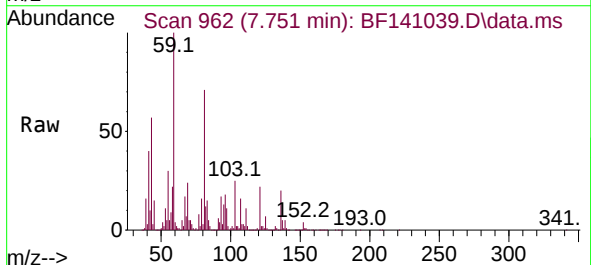
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

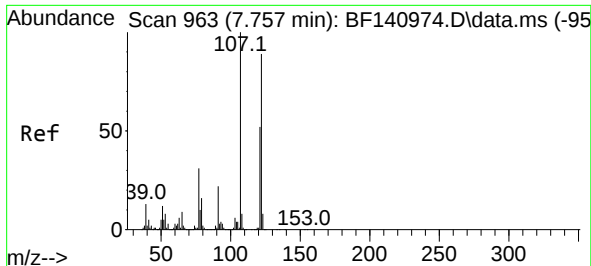
Tgt Ion: 82 Resp: 400273  
Ion Ratio Lower Upper  
82 100  
95 132.3 5.6 8.4#  
138 6.2 14.6 21.8#



#26  
2-Nitrophenol  
Concen: 105.409 ng  
RT: 7.751 min Scan# 962  
Delta R.T. 0.023 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion:139 Resp: 274682  
Ion Ratio Lower Upper  
139 100  
109 62.7 22.2 33.4#  
65 86.9 40.2 60.4#

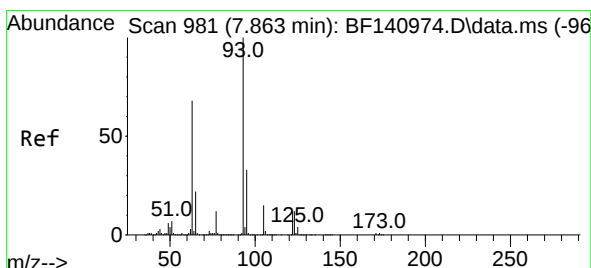
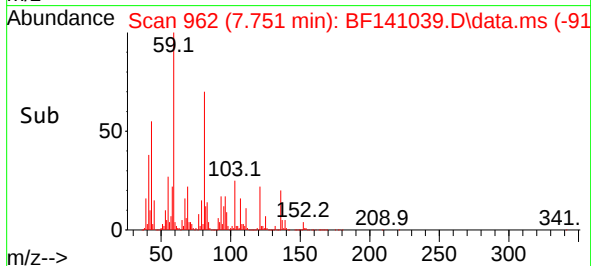
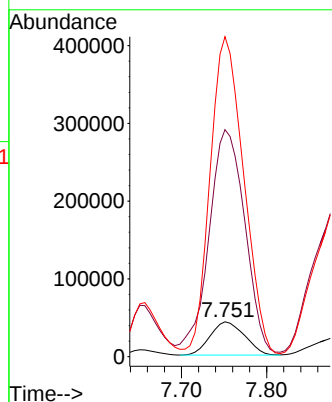
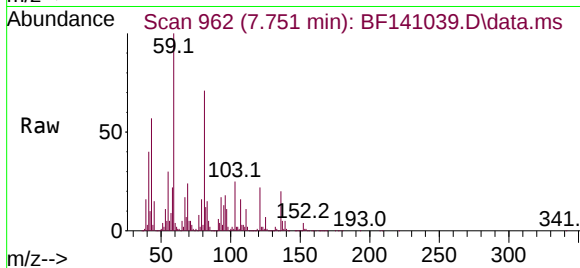




#27  
2,4-Dimethylphenol  
Concen: 28.329 ng  
RT: 7.751 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

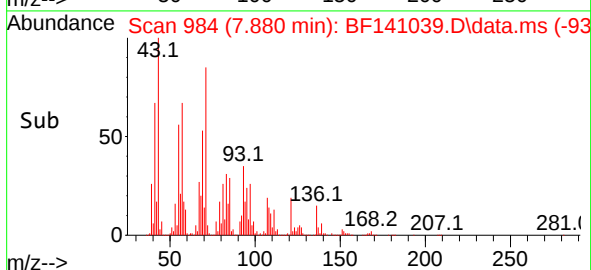
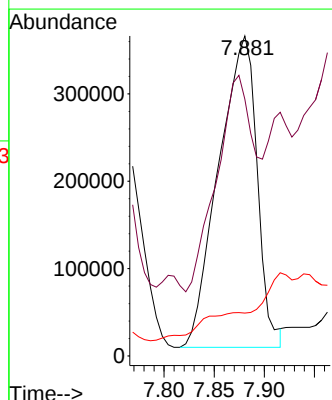
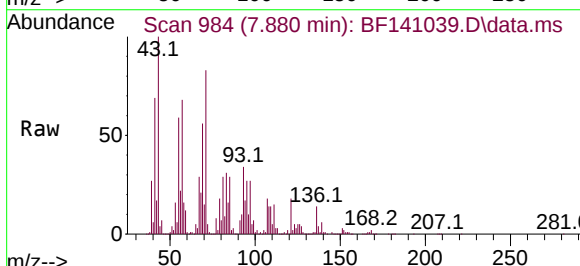
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

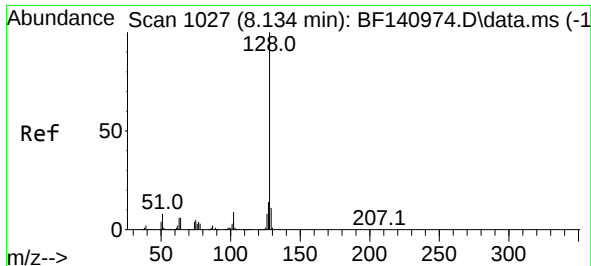
Tgt Ion:122 Resp: 120086  
Ion Ratio Lower Upper  
122 100  
107 651.4 89.4 134.2#  
121 917.9 46.7 70.1#



#28  
bis(2-Chloroethoxy)methane  
Concen: 129.290 ng  
RT: 7.880 min Scan# 984  
Delta R.T. 0.017 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion: 93 Resp: 950135  
Ion Ratio Lower Upper  
93 100  
95 80.3 26.2 39.4#  
123 13.4 9.9 14.9

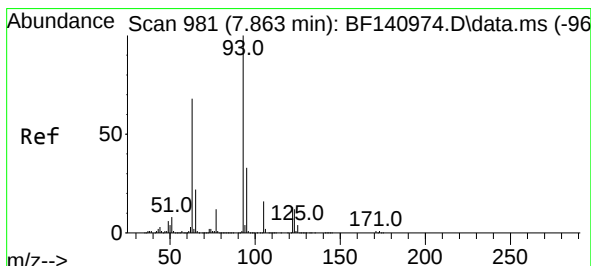
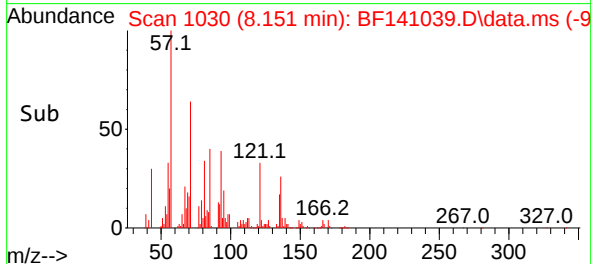
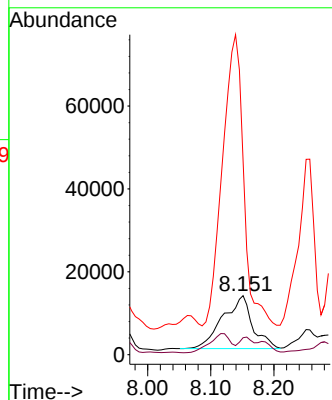
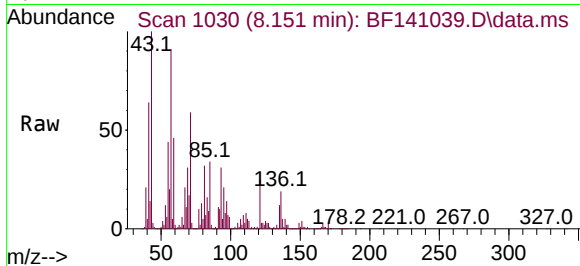




#31  
Naphthalene  
Concen: 2.335 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. 0.017 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

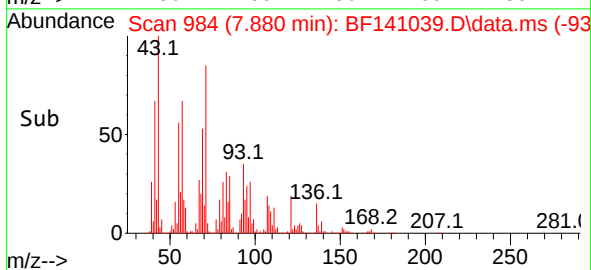
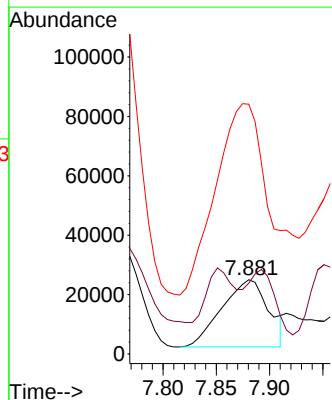
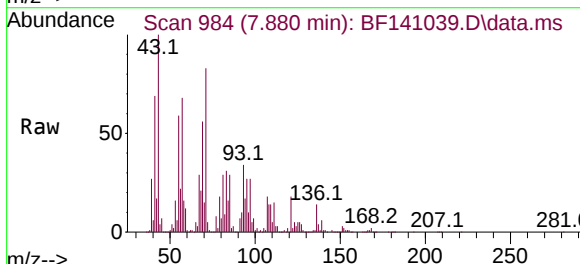
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

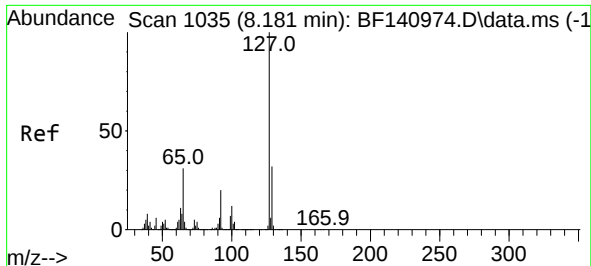
Tgt Ion:128 Resp: 41967  
Ion Ratio Lower Upper  
128 100  
129 28.8 9.2 13.8#  
127 329.1 11.0 16.4#



#32  
Benzoic acid  
Concen: 24.284 ng  
RT: 7.880 min Scan# 984  
Delta R.T. 0.017 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion:122 Resp: 68924  
Ion Ratio Lower Upper  
122 100  
105 95.5 105.4 145.4#  
77 336.7 76.4 116.4#

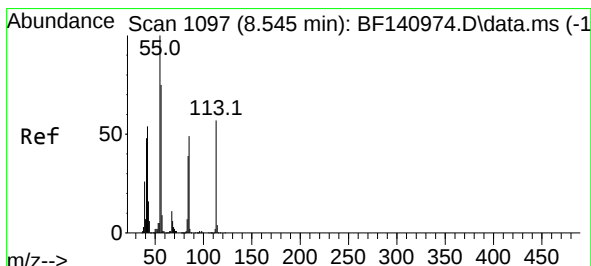
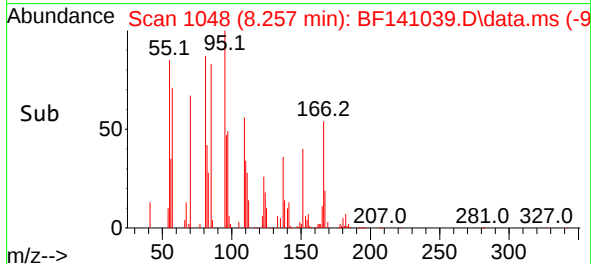
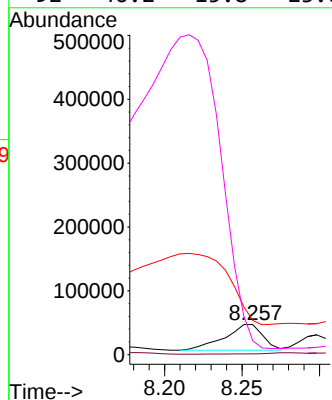
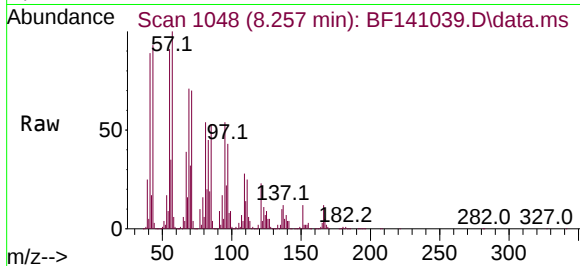




#33  
4-Chloroaniline  
Concen: 10.655 ng  
RT: 8.257 min Scan# 1048  
Delta R.T. 0.076 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

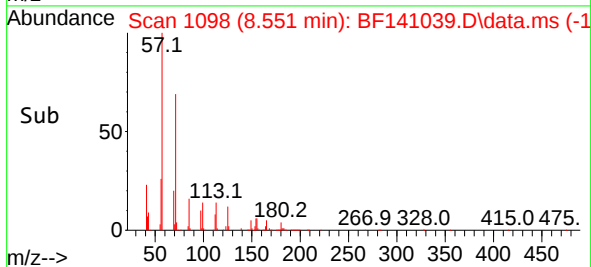
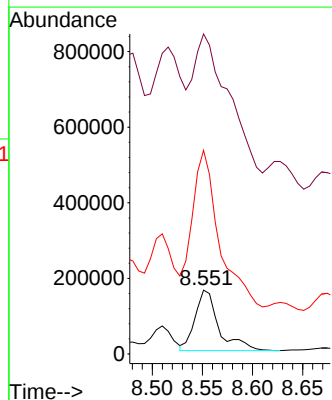
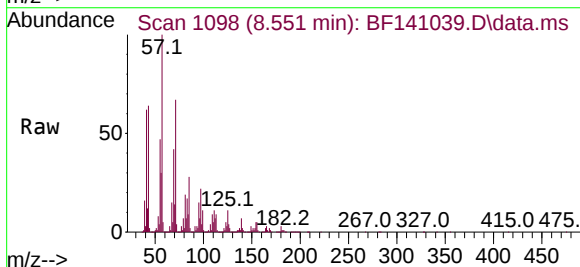
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

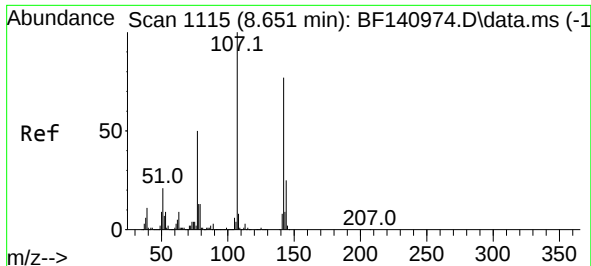
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 69264 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 2.9   | 26.1  | 39.1# |
| 65       | 113.5 | 24.6  | 37.0# |
| 92       | 46.2  | 15.8  | 23.6# |



#35  
Caprolactam  
Concen: 161.133 ng  
RT: 8.551 min Scan# 1098  
Delta R.T. 0.006 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 263357 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 500.8 | 156.6 | 196.6# |
| 56       | 318.8 | 111.7 | 151.7# |





#36

4-Chloro-3-methylphenol

Concen: 20.925 ng

RT: 8.680 min Scan# 1115

Delta R.T. 0.029 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

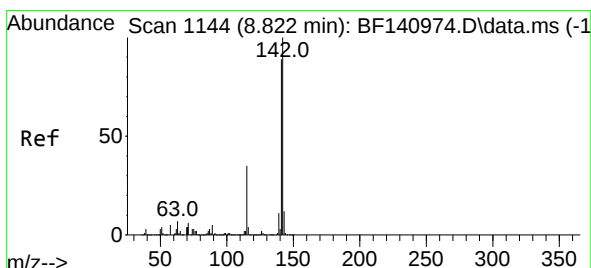
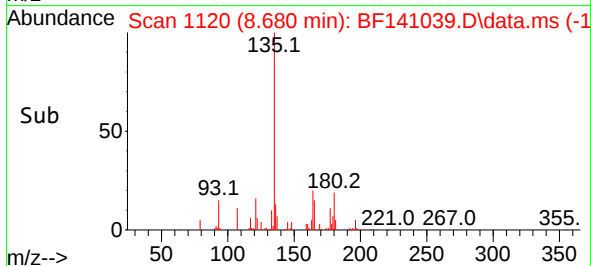
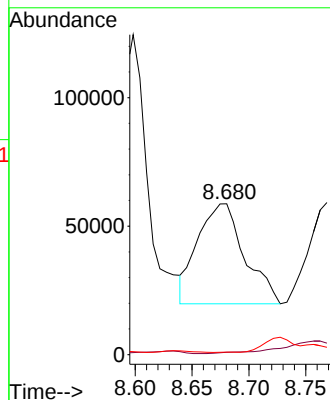
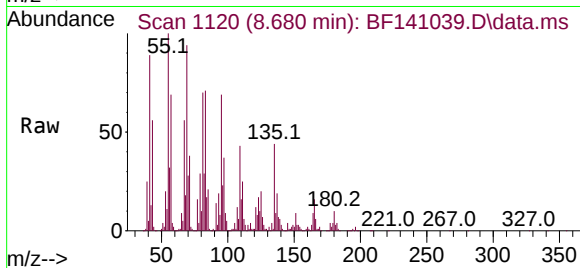
Tgt Ion:107 Resp: 111722

Ion Ratio Lower Upper

107 100

144 1.6 19.9 29.9#

142 1.7 61.8 92.8#



#37

2-Methylnaphthalene

Concen: 2.192 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.018 min

Lab File: BF141039.D

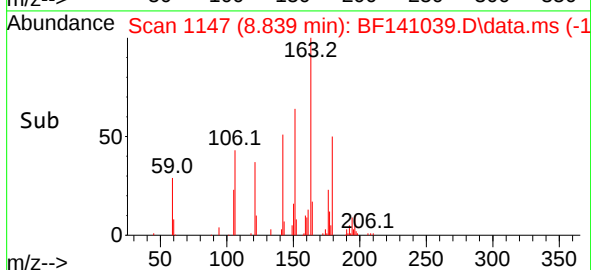
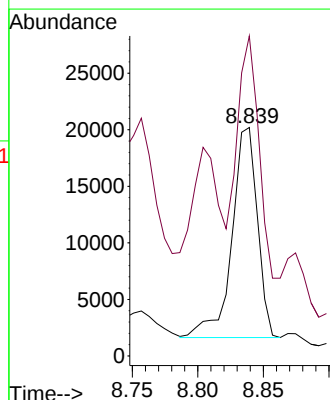
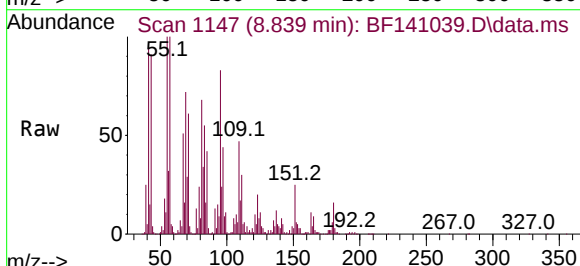
Acq: 30 Dec 2024 18:58

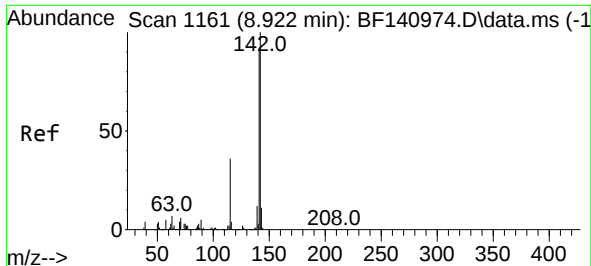
Tgt Ion:142 Resp: 25196

Ion Ratio Lower Upper

142 100

141 140.0 71.1 106.7#

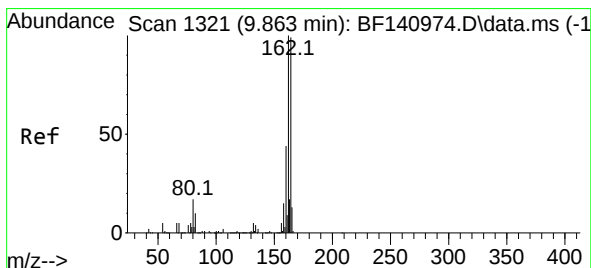
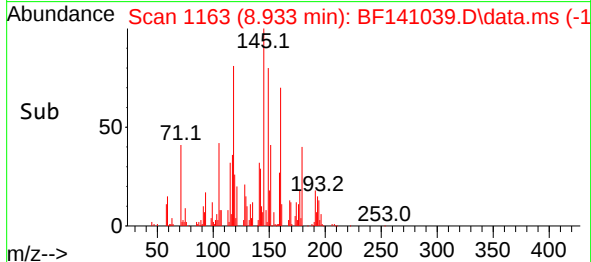
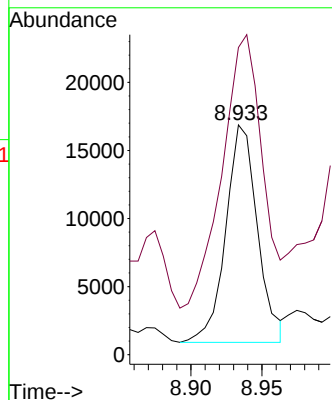
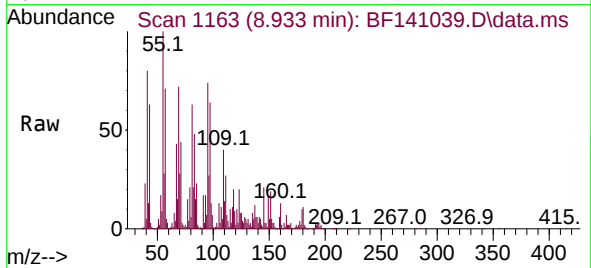




#38  
1-Methylnaphthalene  
Concen: 2.197 ng  
RT: 8.933 min Scan# 1161  
Delta R.T. 0.012 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

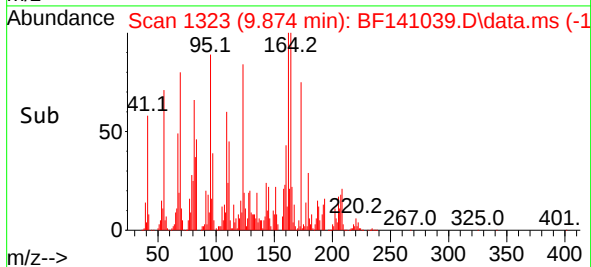
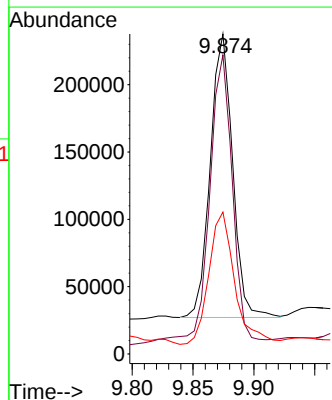
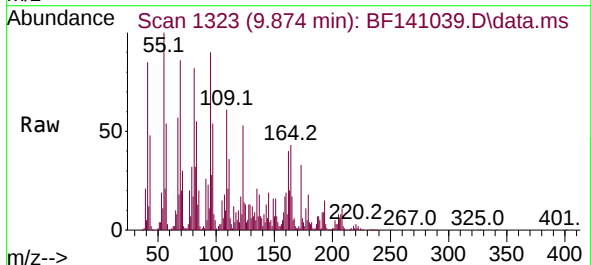
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

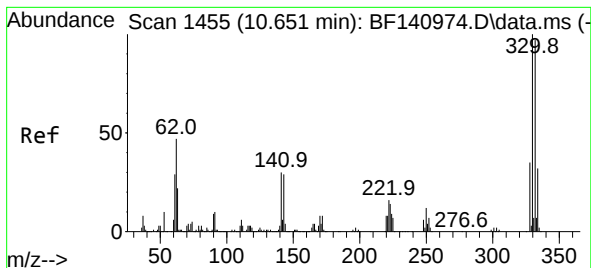
Tgt Ion:142 Resp: 24826  
Ion Ratio Lower Upper  
142 100  
141 133.8 72.7 109.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.874 min Scan# 1323  
Delta R.T. 0.012 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion:164 Resp: 268521  
Ion Ratio Lower Upper  
164 100  
162 93.5 80.6 120.8  
160 44.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 97.130 ng

RT: 10.674 min Scan# 1455

Delta R.T. 0.023 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

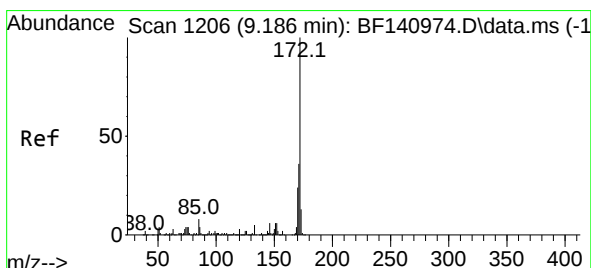
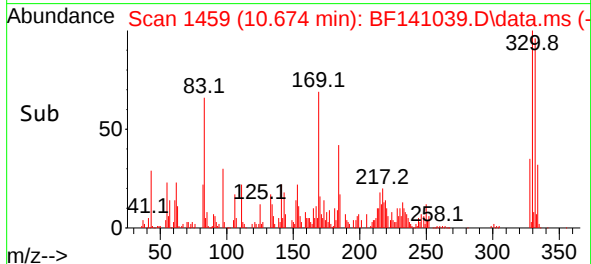
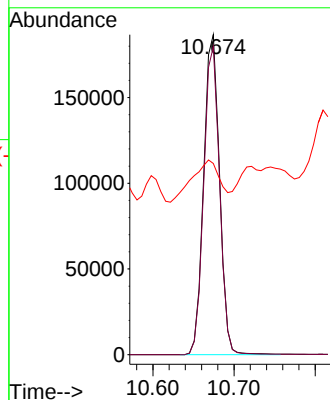
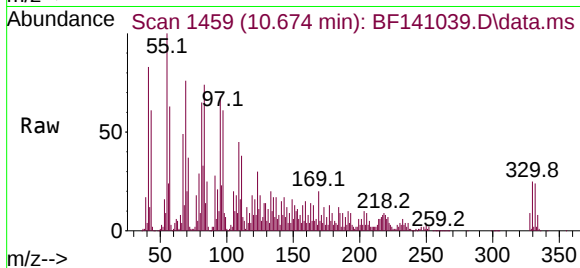
Tgt Ion:330 Resp: 253436

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

141 22.6 26.4 39.6#



#45

2-Fluorobiphenyl

Concen: 72.912 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

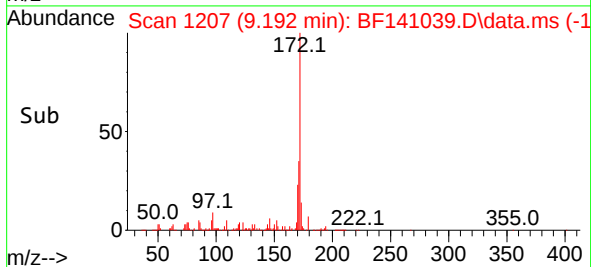
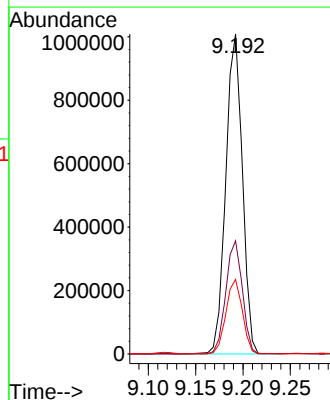
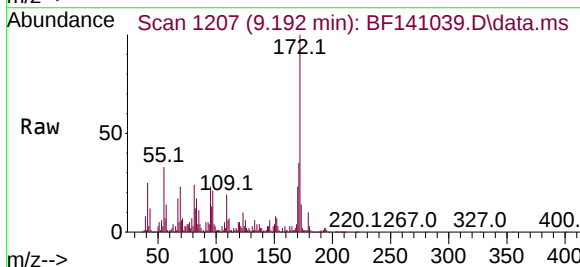
Tgt Ion:172 Resp: 1228849

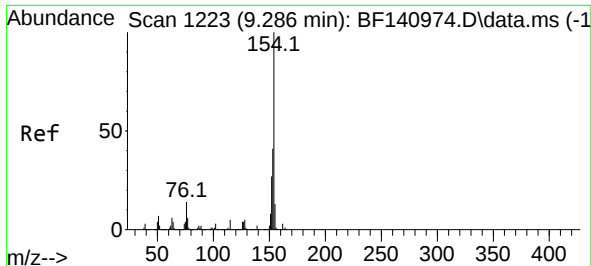
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.3 19.6 29.4

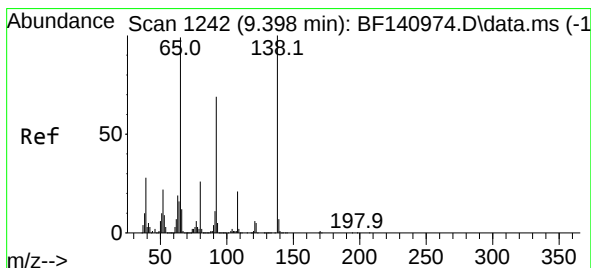
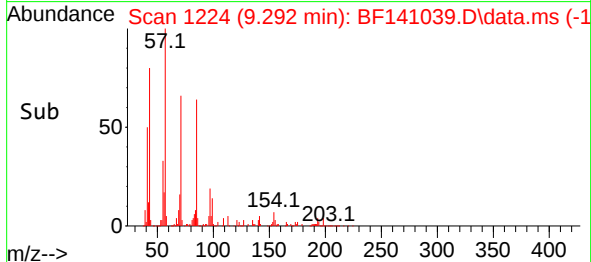
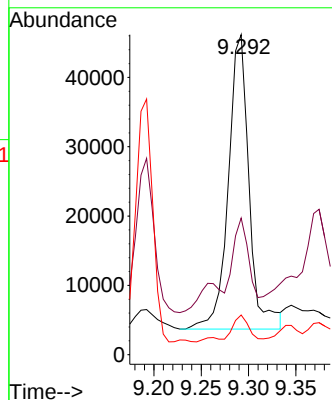
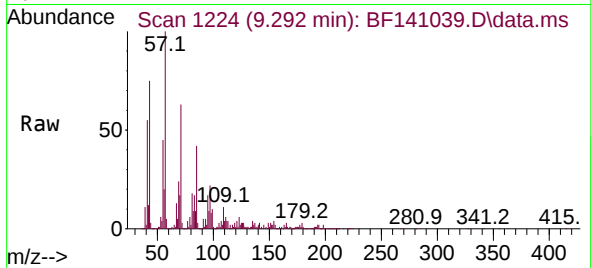




#46  
1,1'-Biphenyl  
Concen: 3.155 ng  
RT: 9.292 min Scan# 1223  
Delta R.T. 0.006 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

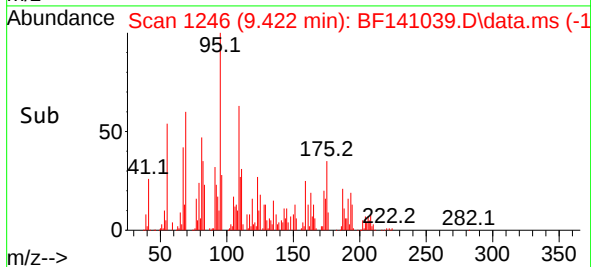
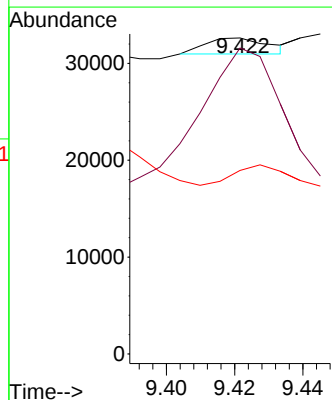
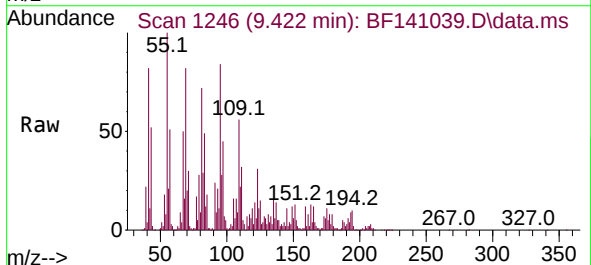
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

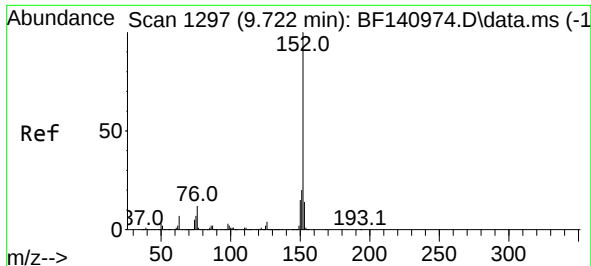
Tgt Ion:154 Resp: 64864  
Ion Ratio Lower Upper  
154 100  
153 42.7 20.9 60.9  
76 12.4 0.0 34.0



#48  
2-Nitroaniline  
Concen: 5.105 ng  
RT: 9.422 min Scan# 1246  
Delta R.T. 0.024 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion: 65 Resp: 2131  
Ion Ratio Lower Upper  
65 100  
92 96.8 55.6 83.4#  
138 58.1 80.5 120.7#





#49

Acenaphthylene

Concen: 2.094 ng

RT: 9.745 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

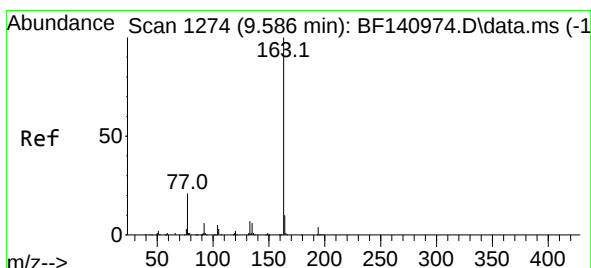
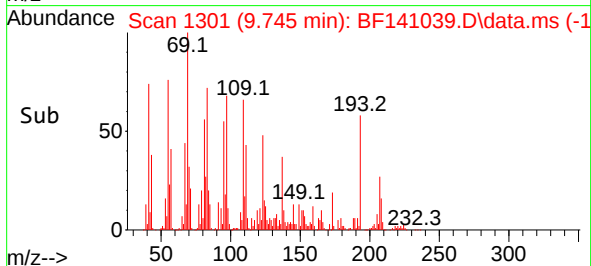
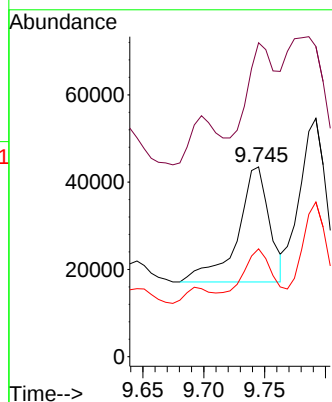
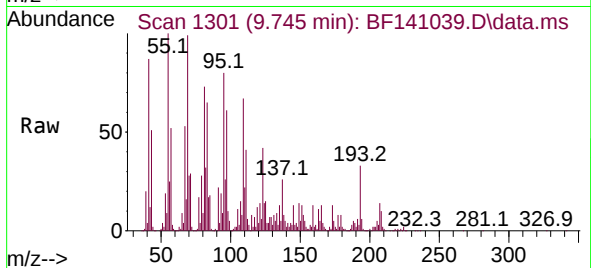
Tgt Ion:152 Resp: 48075

Ion Ratio Lower Upper

152 100

151 165.5 16.2 24.4#

153 56.8 11.4 17.0#



#50

Dimethylphthalate

Concen: 4.155 ng

RT: 9.563 min Scan# 1270

Delta R.T. -0.023 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

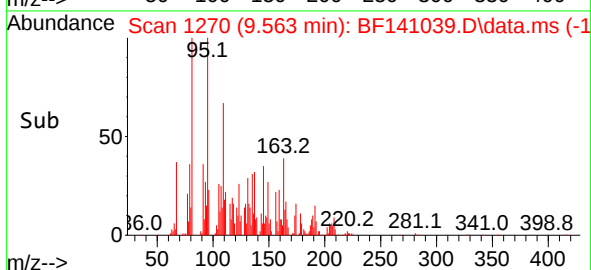
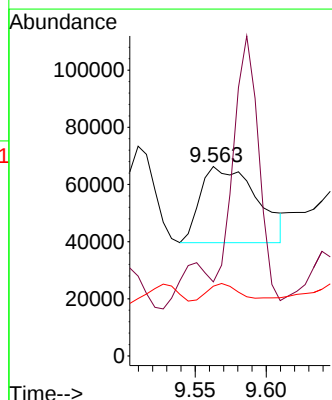
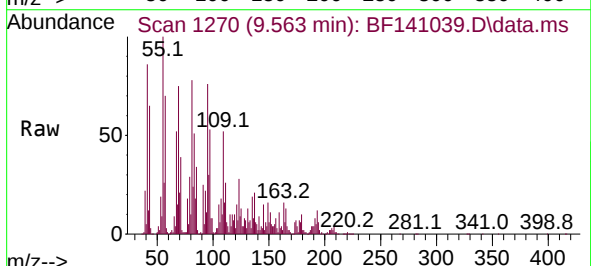
Tgt Ion:163 Resp: 73390

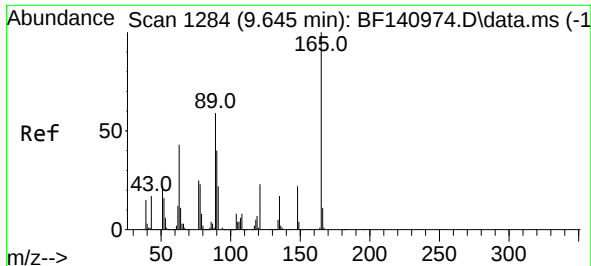
Ion Ratio Lower Upper

163 100

194 39.1 3.1 4.7#

164 36.8 8.3 12.5#





#51

2,6-Dinitrotoluene

Concen: 11.673 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.030 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

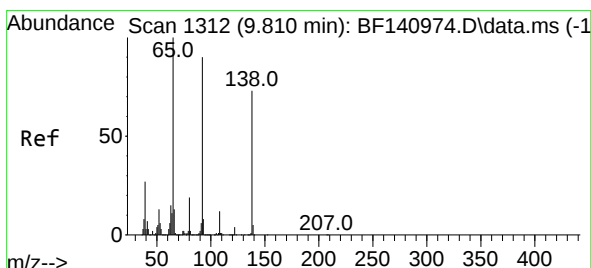
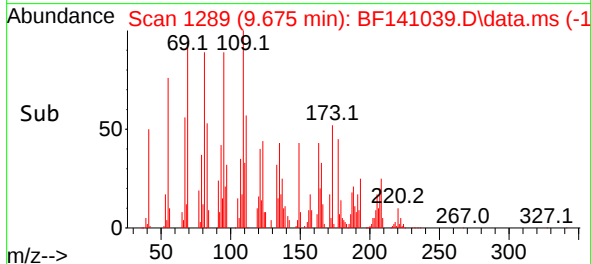
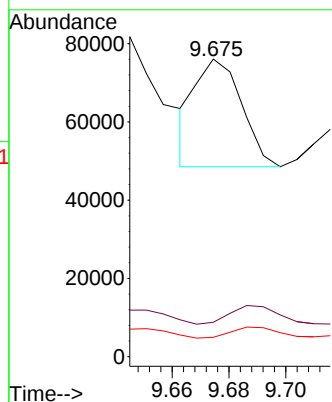
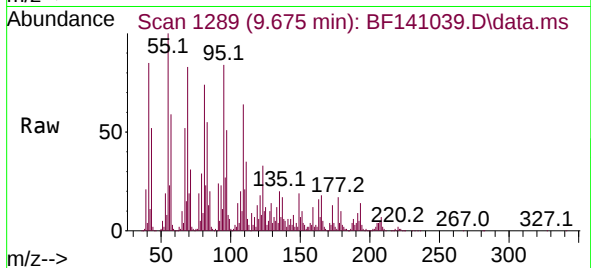
Tgt Ion:165 Resp: 31262

Ion Ratio Lower Upper

165 100

63 11.6 47.1 70.7#

89 6.5 47.0 70.4#



#53

3-Nitroaniline

Concen: 14.995 ng

RT: 9.833 min Scan# 1316

Delta R.T. 0.023 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

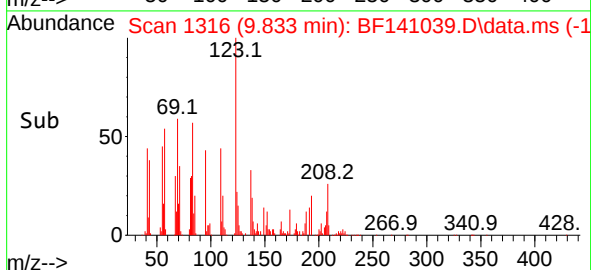
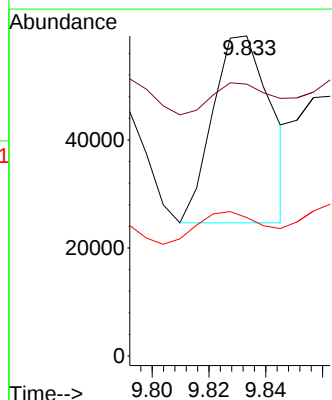
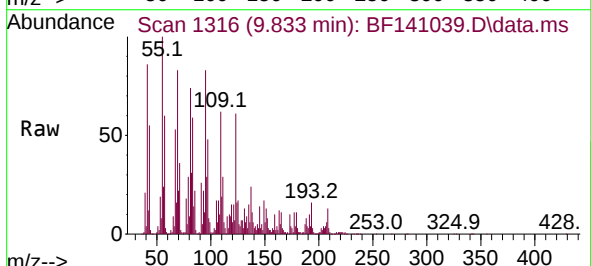
Tgt Ion:138 Resp: 49301

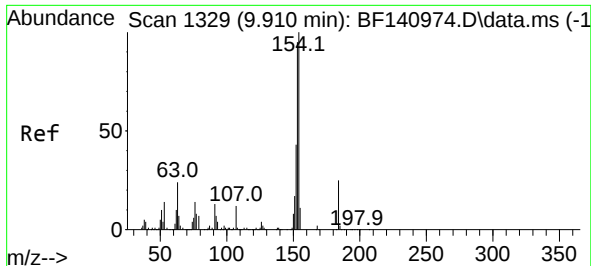
Ion Ratio Lower Upper

138 100

108 84.9 13.5 20.3#

92 43.3 97.7 146.5#

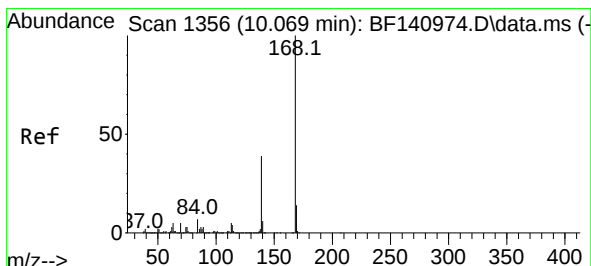
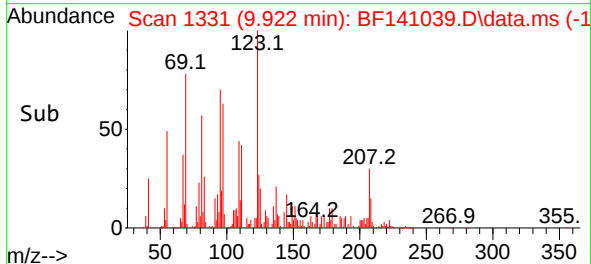
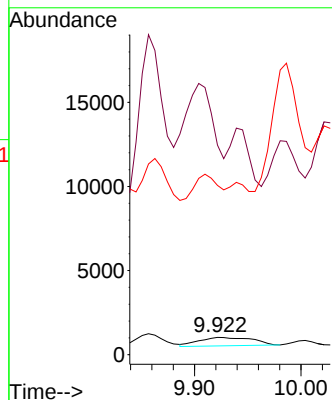
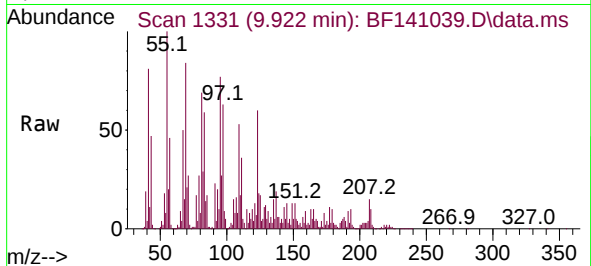




#54  
2,4-Dinitrophenol  
Concen: 7.980 ng  
RT: 9.922 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

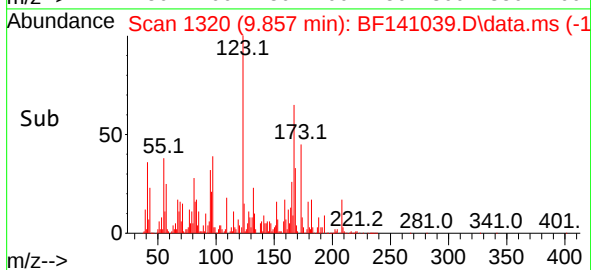
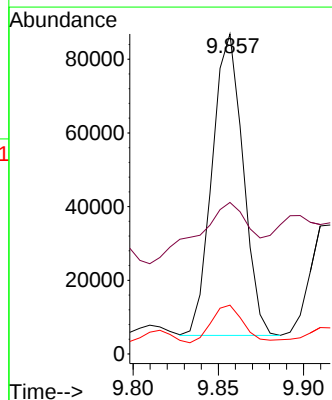
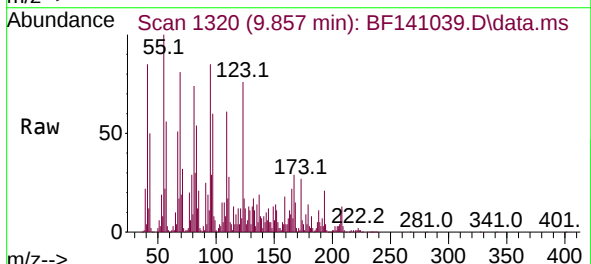
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

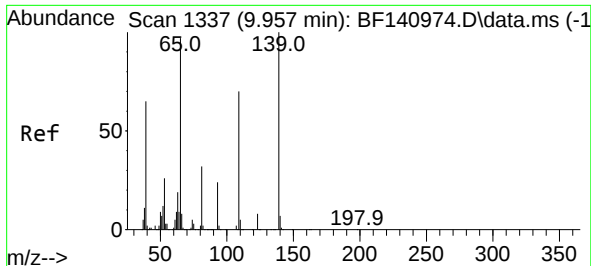
Tgt Ion:184 Resp: 1766  
Ion Ratio Lower Upper  
184 100  
63 1207.5 81.6 122.4#  
154 974.8 363.5 545.3#



#55  
Dibenzofuran  
Concen: 4.728 ng  
RT: 9.857 min Scan# 1320  
Delta R.T. -0.212 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

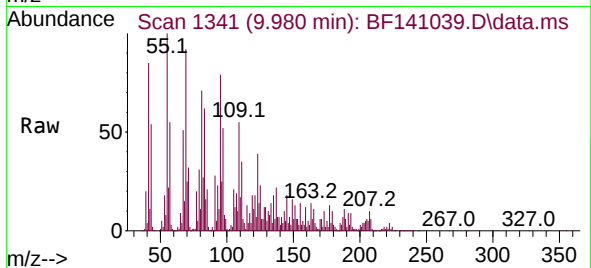
Tgt Ion:168 Resp: 103110  
Ion Ratio Lower Upper  
168 100  
139 47.3 31.6 47.4  
169 15.3 11.0 16.6



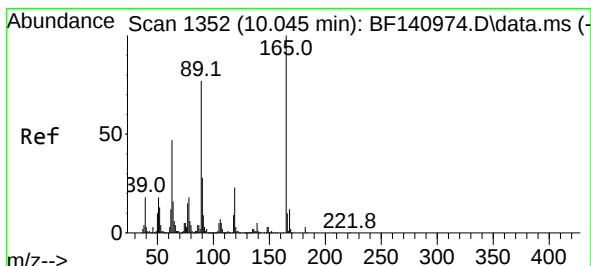
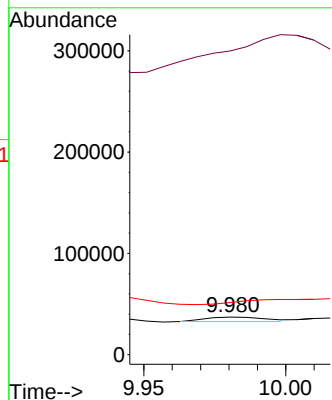
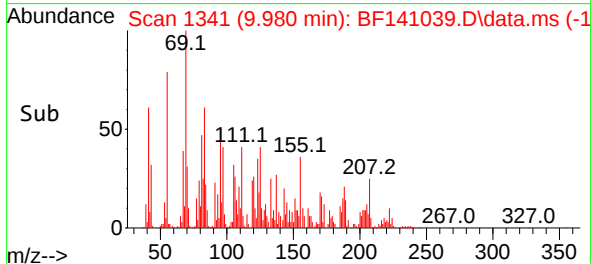


#56  
4-Nitrophenol  
Concen: 2.175 ng  
RT: 9.980 min Scan# 1341  
Delta R.T. 0.023 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

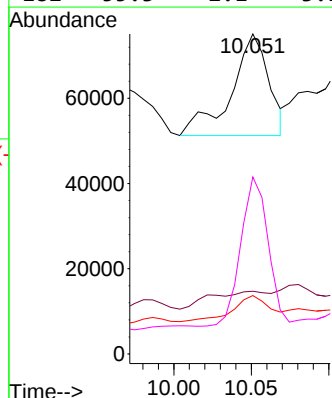
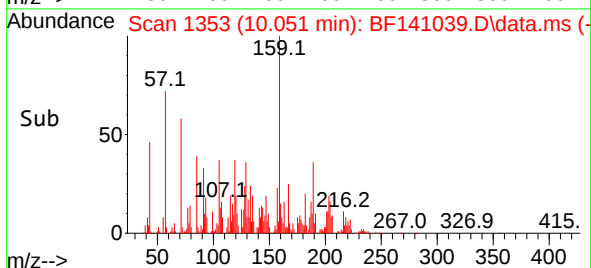
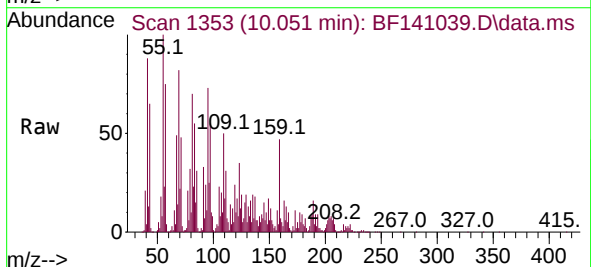


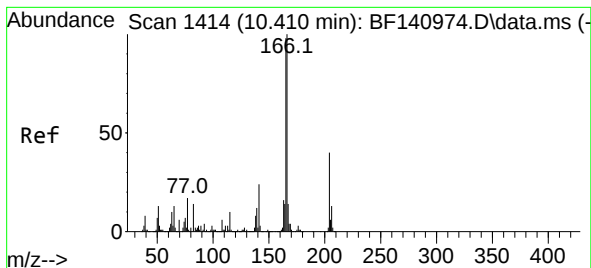
Tgt Ion:139 Resp: 6571  
Ion Ratio Lower Upper  
139 100  
109 807.1 50.8 90.8#  
65 138.7 78.5 118.5#



#57  
2,4-Dinitrotoluene  
Concen: 12.771 ng  
RT: 10.051 min Scan# 1353  
Delta R.T. 0.006 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion:165 Resp: 40231  
Ion Ratio Lower Upper  
165 100  
63 19.6 38.1 57.1#  
89 18.2 61.4 92.2#  
182 55.3 2.1 3.1#





#58

Fluorene

Concen: 2.631 ng

RT: 10.427 min Scan# 1414

Delta R.T. 0.018 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

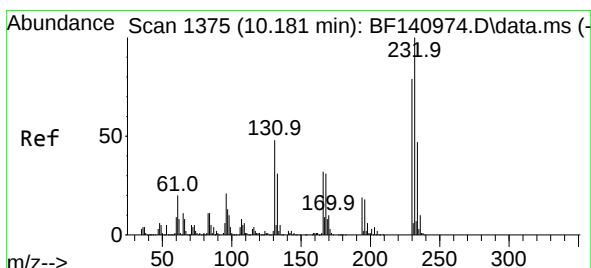
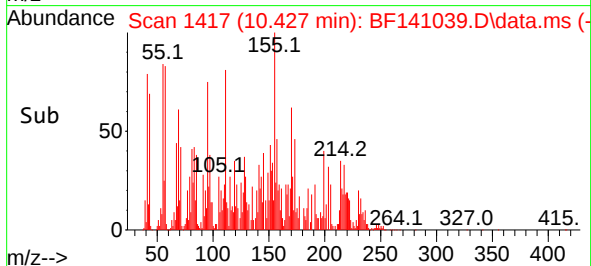
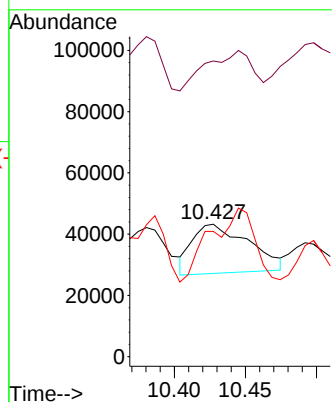
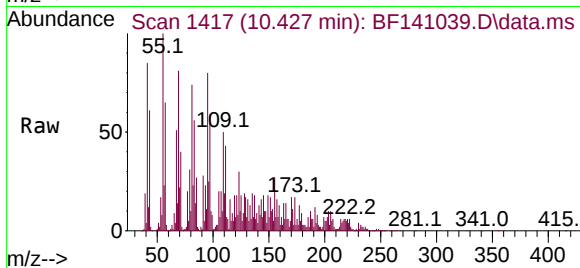
Tgt Ion:166 Resp: 44488

Ion Ratio Lower Upper

166 100

165 223.2 78.3 117.5#

167 94.6 10.9 16.3#



#59

2,3,4,6-Tetrachlorophenol

Concen: 2.199 ng

RT: 10.198 min Scan# 1378

Delta R.T. 0.018 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Tgt Ion:232 Resp: 9160

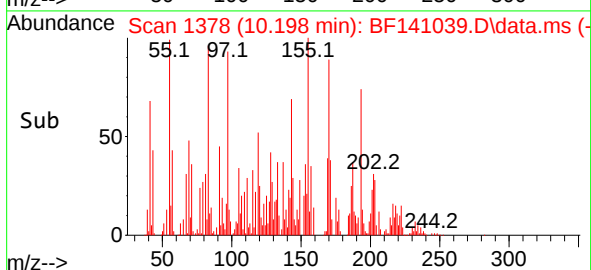
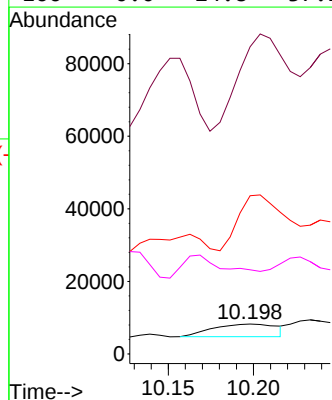
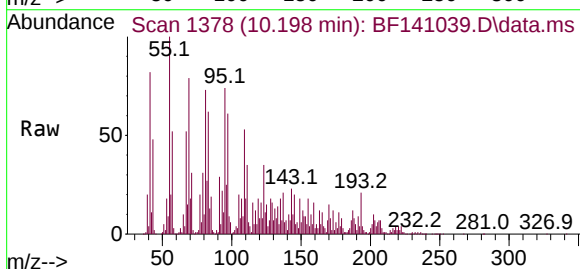
Ion Ratio Lower Upper

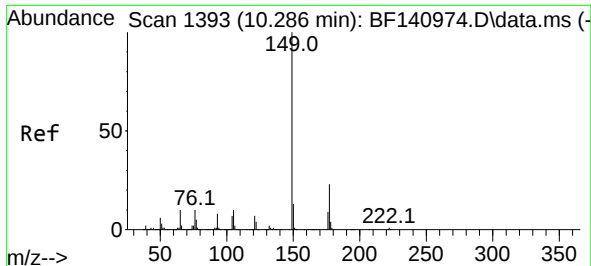
232 100

131 604.4 37.4 56.2#

130 322.1 1.8 2.8#

166 0.0 24.8 37.2#

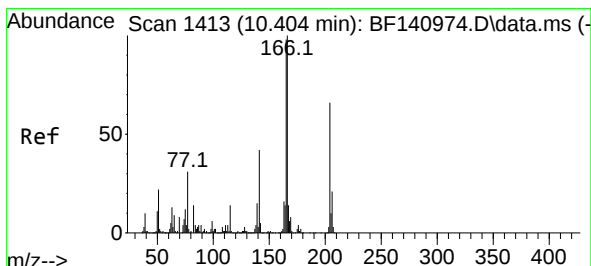
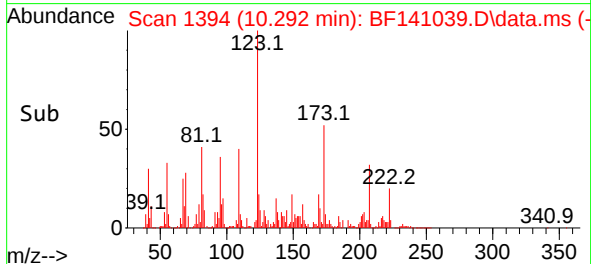
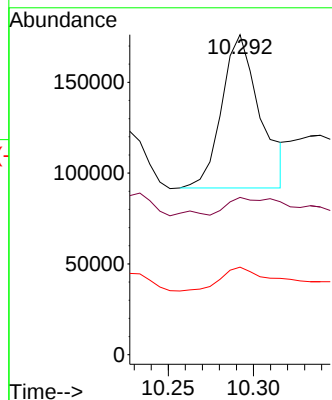
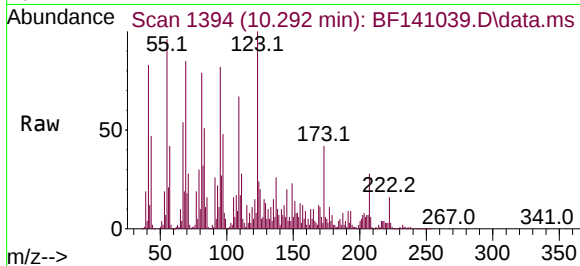




#60  
Diethylphthalate  
Concen: 7.536 ng  
RT: 10.292 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

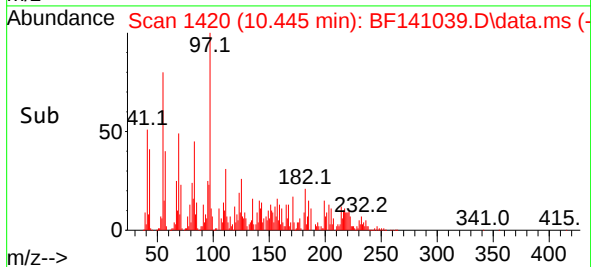
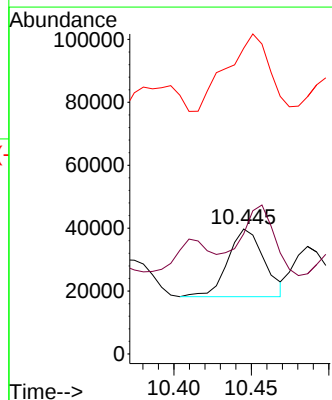
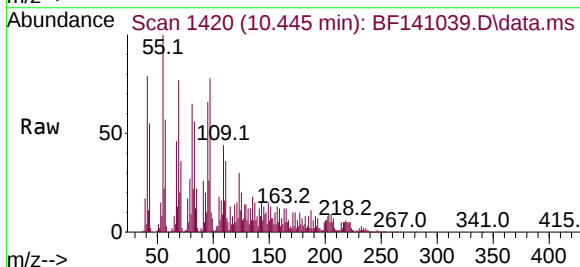
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

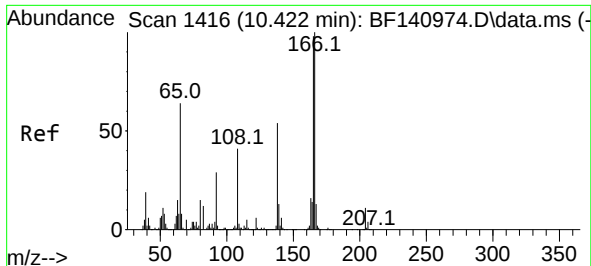
Tgt Ion:149 Resp: 131400  
Ion Ratio Lower Upper  
149 100  
177 49.1 18.3 27.5#  
150 27.4 10.4 15.6#



#61  
4-Chlorophenyl-phenylether  
Concen: 4.296 ng  
RT: 10.445 min Scan# 1420  
Delta R.T. 0.041 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion:204 Resp: 34961  
Ion Ratio Lower Upper  
204 100  
206 96.2 25.8 38.6#  
141 244.6 51.2 76.8#

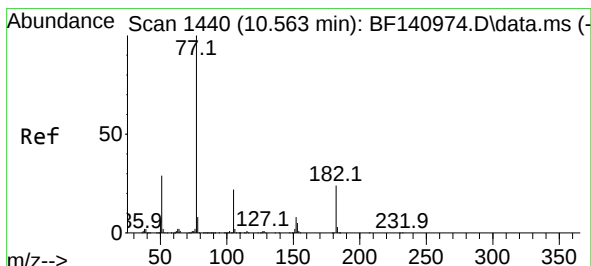
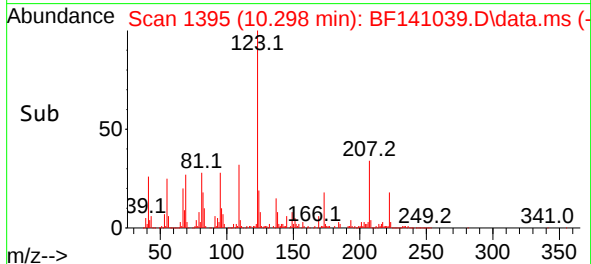
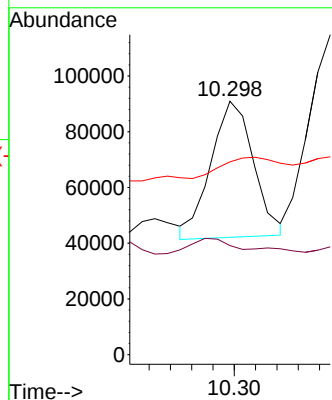
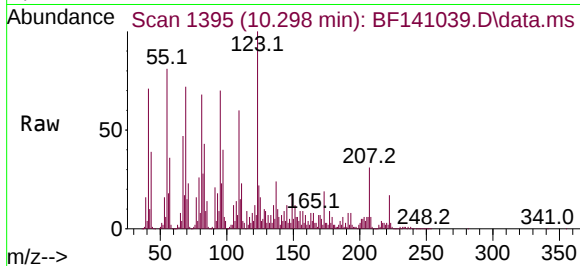




#62  
4-Nitroaniline  
Concen: 19.508 ng  
RT: 10.298 min Scan# 11  
Delta R.T. -0.124 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

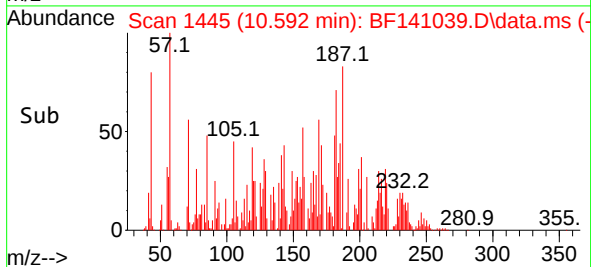
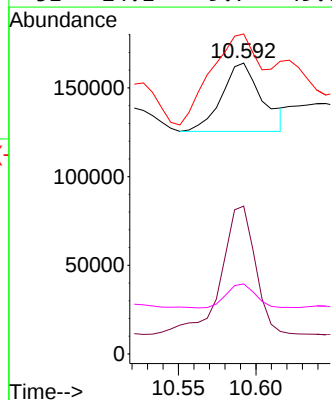
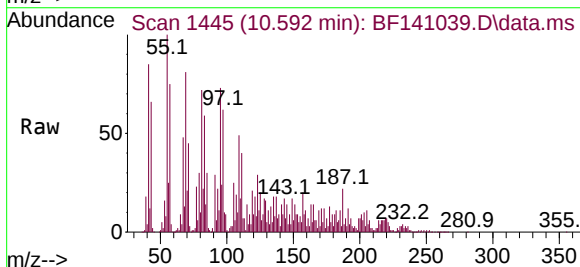
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

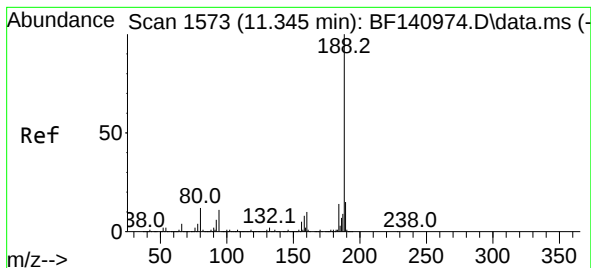
Tgt Ion:138 Resp: 67988  
Ion Ratio Lower Upper  
138 100  
92 43.1 34.8 74.8  
108 76.1 55.9 95.9



#63  
Azobenzene  
Concen: 3.781 ng  
RT: 10.592 min Scan# 1445  
Delta R.T. 0.029 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion: 77 Resp: 69196  
Ion Ratio Lower Upper  
77 100  
182 50.8 4.1 44.1#  
105 110.0 1.8 41.8#  
51 24.1 9.7 49.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

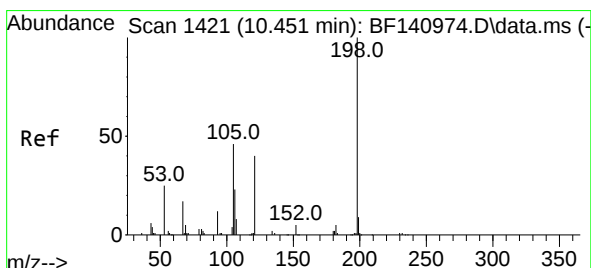
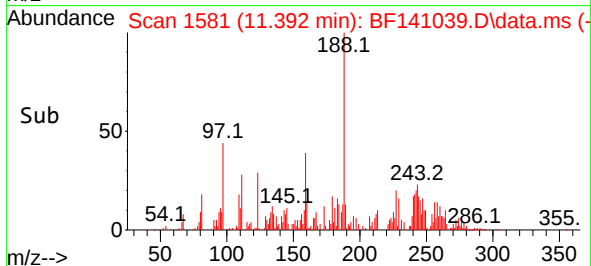
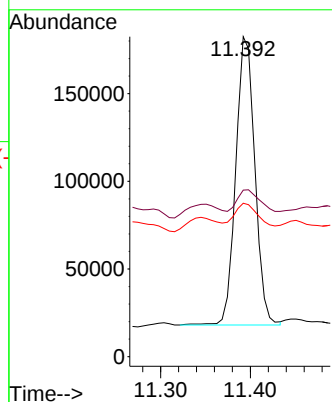
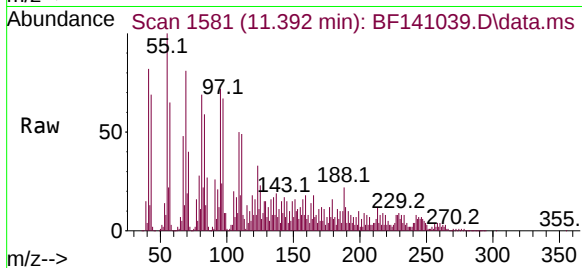
Tgt Ion:188 Resp: 242952

Ion Ratio Lower Upper

188 100

94 52.0 9.0 13.6#

80 48.0 9.8 14.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 14.487 ng

RT: 10.498 min Scan# 1429

Delta R.T. 0.047 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

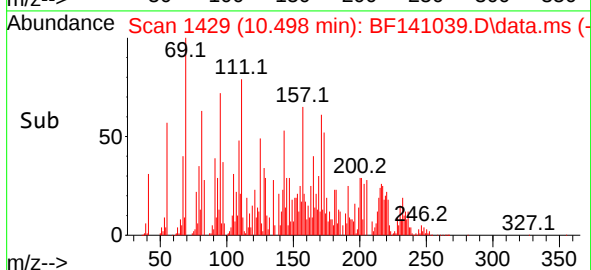
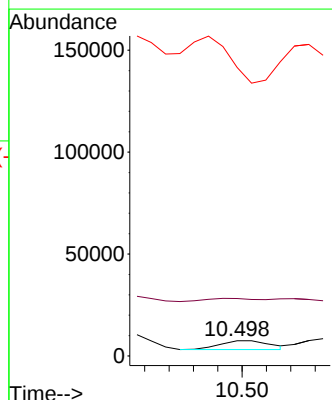
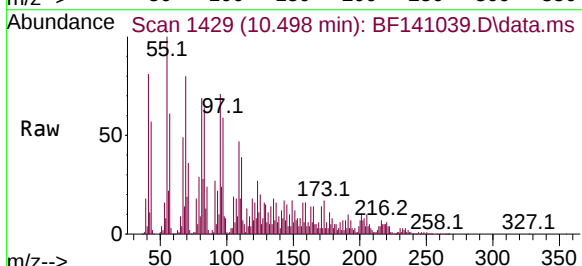
Tgt Ion:198 Resp: 6187

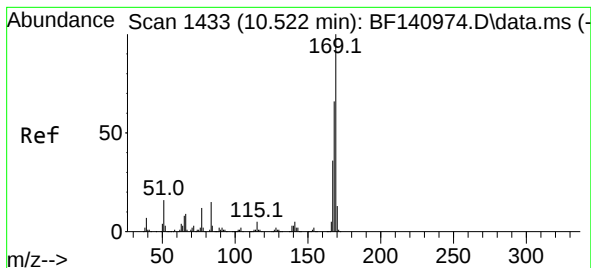
Ion Ratio Lower Upper

198 100

51 378.9 32.3 72.3#

105 1902.0 28.4 68.4#





#66

n-Nitrosodiphenylamine

Concen: 23.479 ng

RT: 10.557 min Scan# 1439

Delta R.T. 0.035 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

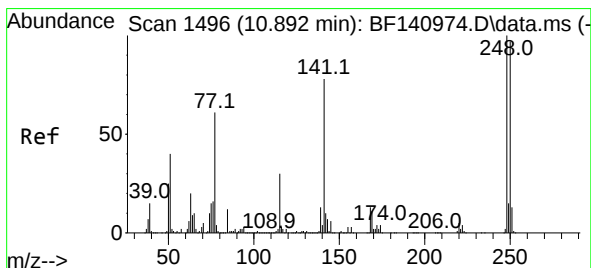
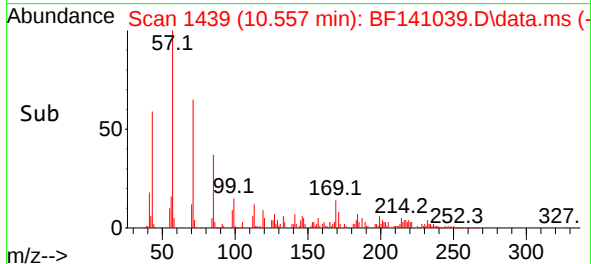
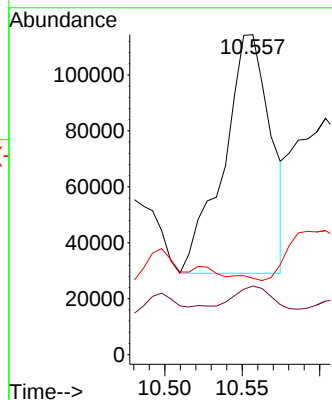
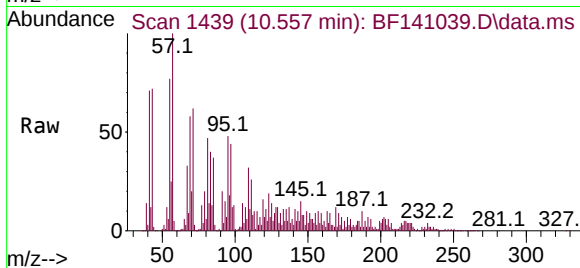
Tgt Ion:169 Resp: 179626

Ion Ratio Lower Upper

169 100

168 21.5 52.6 79.0#

167 23.9 29.0 43.4#



#67

4-Bromophenyl-phenylether

Concen: 5.550 ng

RT: 10.880 min Scan# 1494

Delta R.T. -0.012 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

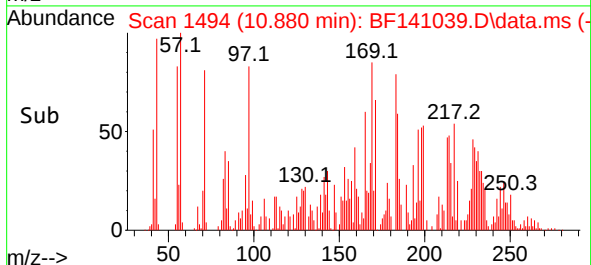
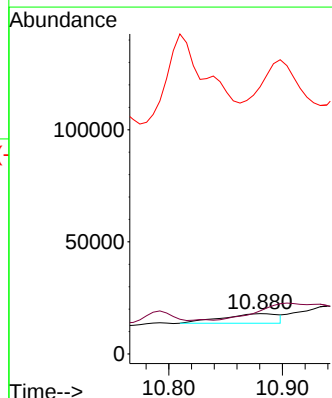
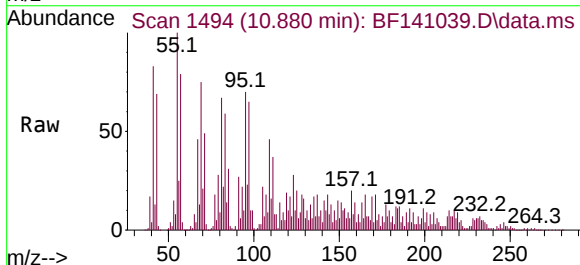
Tgt Ion:248 Resp: 14577

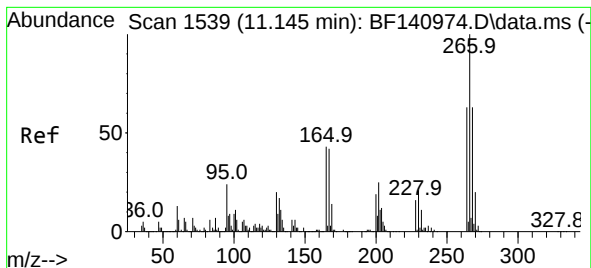
Ion Ratio Lower Upper

248 100

250 106.8 77.7 116.5

141 661.8 62.1 93.1#





#70

Pentachlorophenol

Concen: 2.009 ng

RT: 11.174 min Scan# 11

Delta R.T. 0.029 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

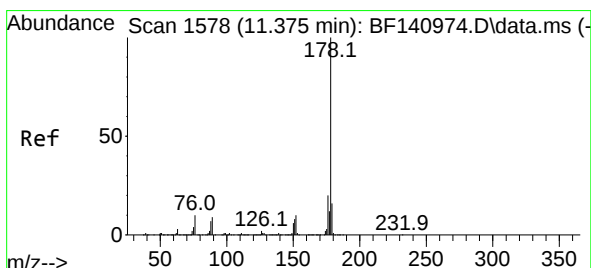
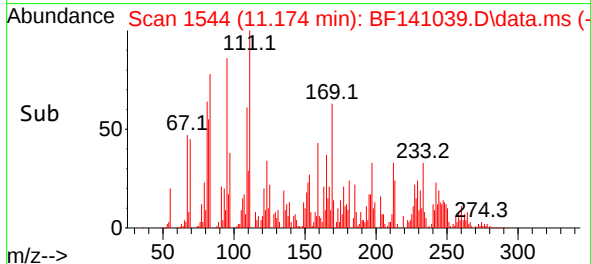
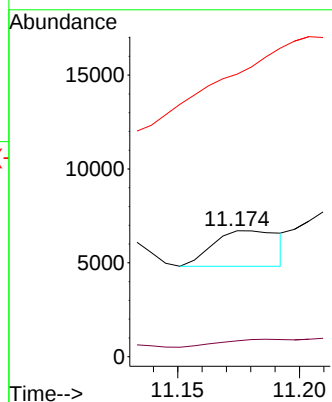
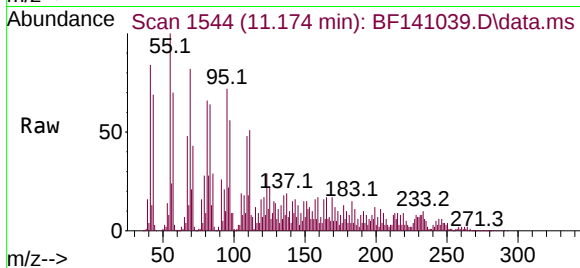
Tgt Ion:266 Resp: 3623

Ion Ratio Lower Upper

266 100

268 12.6 50.5 75.7#

264 224.4 50.2 75.4#



#71

Phenanthrene

Concen: 11.915 ng

RT: 11.421 min Scan# 1586

Delta R.T. 0.047 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

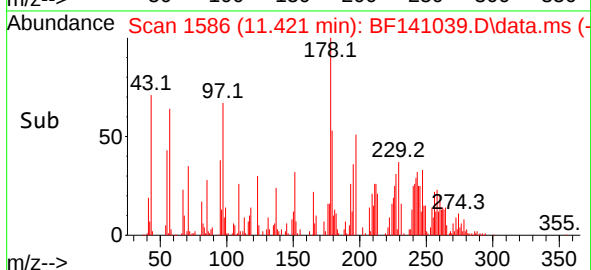
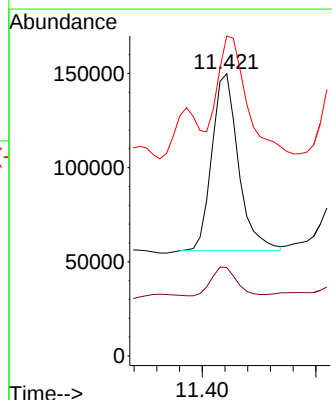
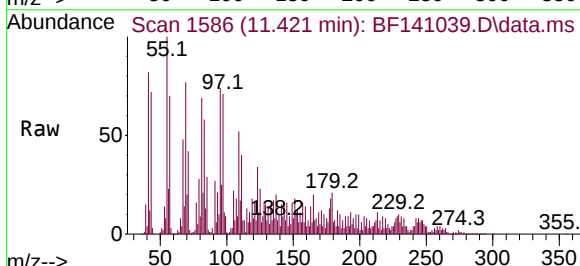
Tgt Ion:178 Resp: 152349

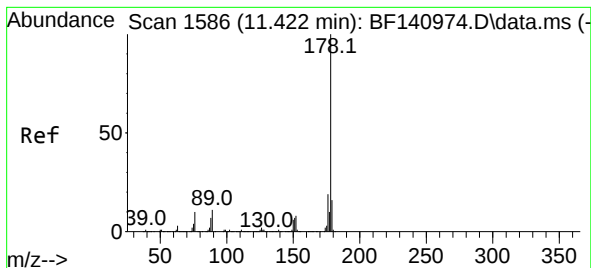
Ion Ratio Lower Upper

178 100

176 31.4 15.8 23.6#

179 113.4 12.6 19.0#





#72

Anthracene

Concen: 12.159 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

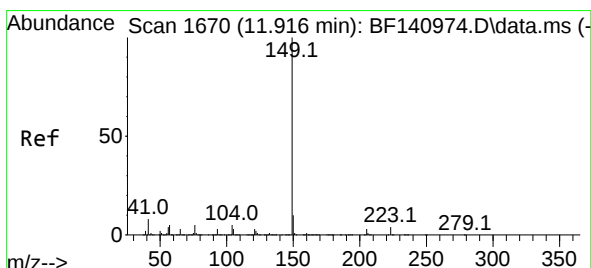
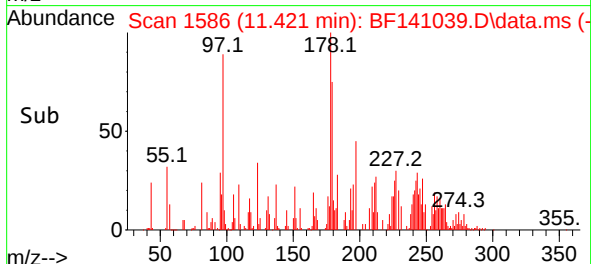
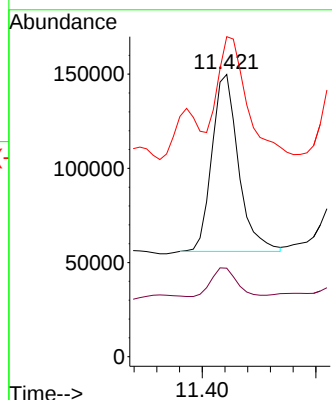
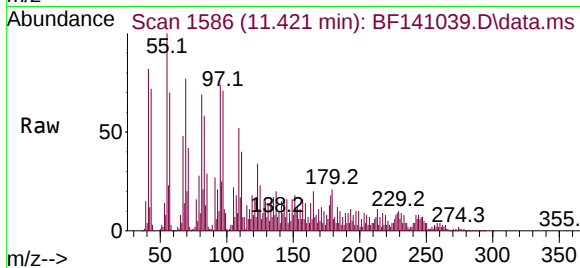
Tgt Ion:178 Resp: 152349

Ion Ratio Lower Upper

178 100

176 31.4 15.3 22.9#

179 113.4 12.9 19.3#



#74

Di-n-butylphthalate

Concen: 13.033 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.047 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

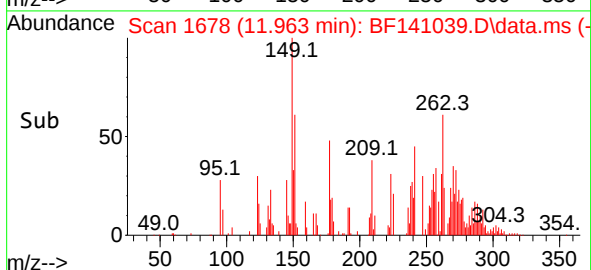
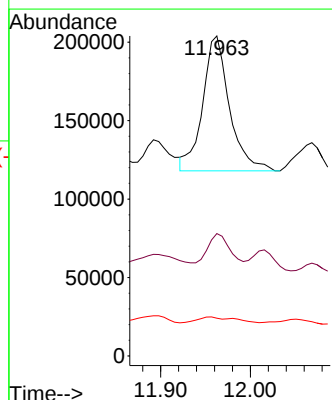
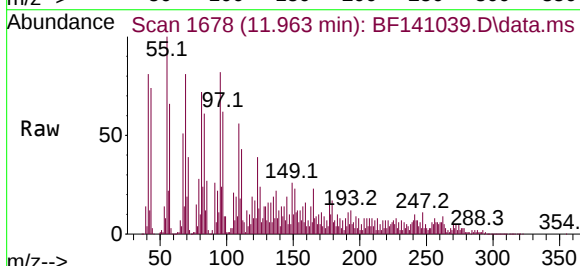
Tgt Ion:149 Resp: 178548

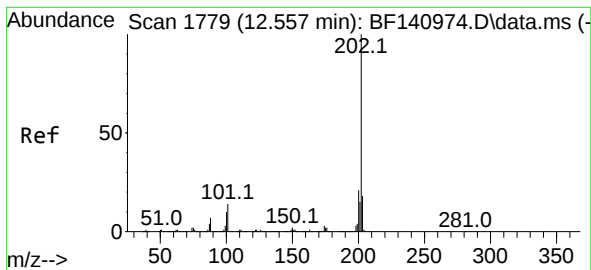
Ion Ratio Lower Upper

149 100

150 38.3 7.7 11.5#

104 11.8 4.1 6.1#





#75

Fluoranthene

Concen: 2.220 ng

RT: 12.615 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

Instrument :

BNA\_F

ClientSampleId :

MOO-24-00398

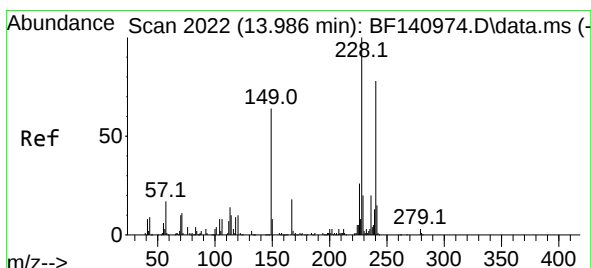
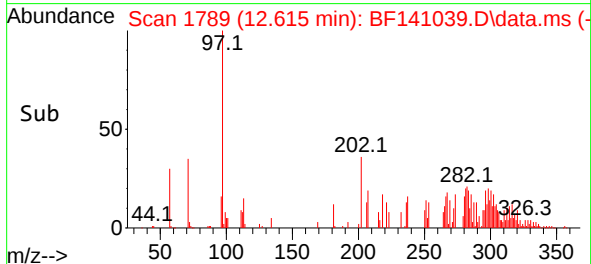
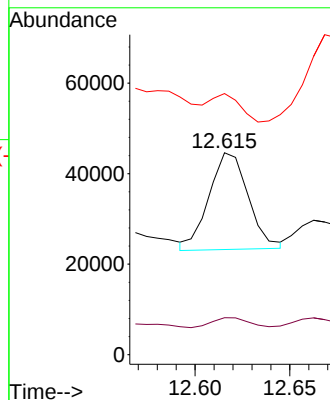
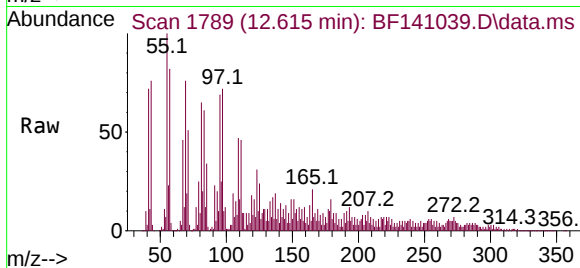
Tgt Ion:202 Resp: 30794

Ion Ratio Lower Upper

202 100

101 18.3 0.0 33.7

203 129.3 0.0 38.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.029 min

Lab File: BF141039.D

Acq: 30 Dec 2024 18:58

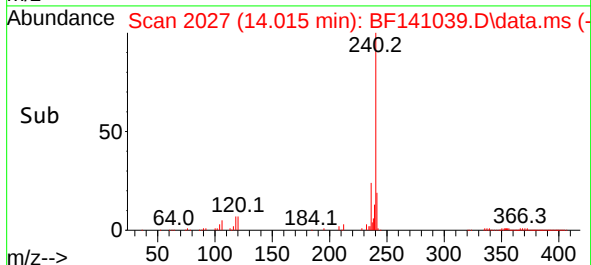
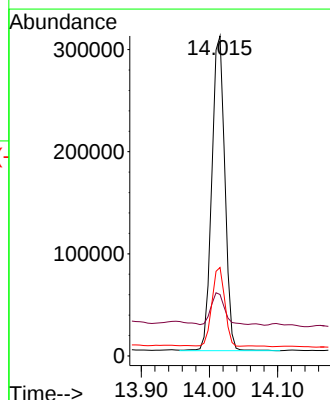
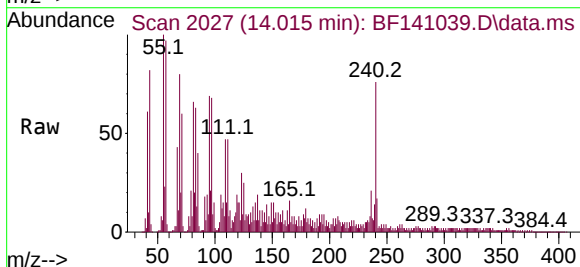
Tgt Ion:240 Resp: 409834

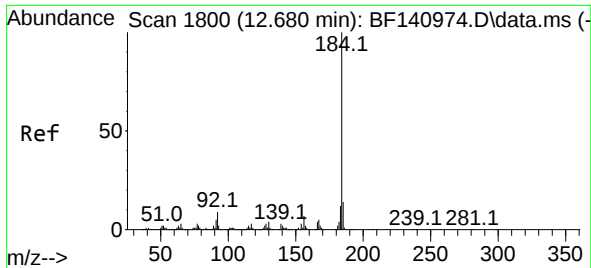
Ion Ratio Lower Upper

240 100

120 19.2 10.7 16.1#

236 27.7 20.6 31.0

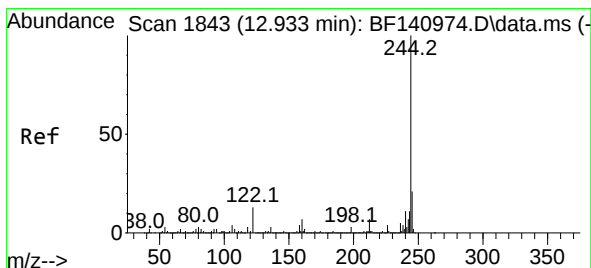
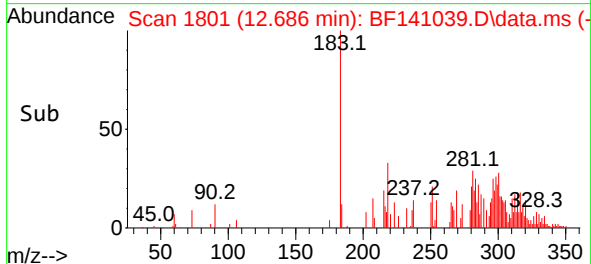
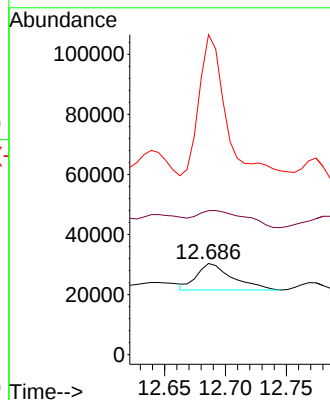
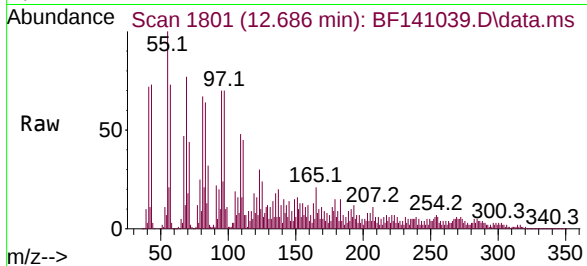




#77  
Benzidine  
Concen: 2.070 ng  
RT: 12.686 min Scan# 1801  
Delta R.T. 0.006 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

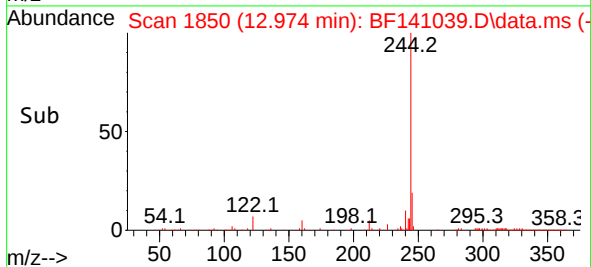
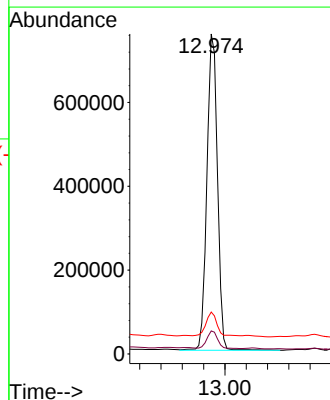
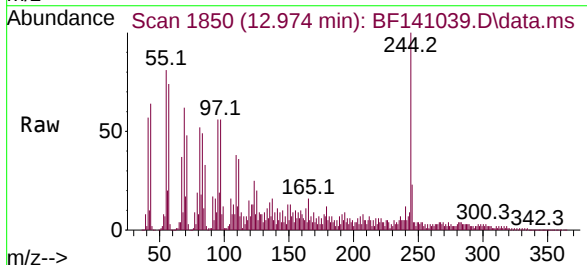
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

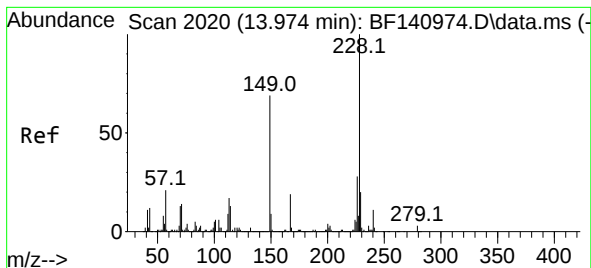
Tgt Ion:184 Resp: 17931  
Ion Ratio Lower Upper  
184 100  
185 158.0 11.4 17.2#  
183 351.0 9.4 14.0#



#79  
Terphenyl-d14  
Concen: 41.920 ng  
RT: 12.974 min Scan# 1850  
Delta R.T. 0.041 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion:244 Resp: 1034327  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 13.1 10.2 15.2

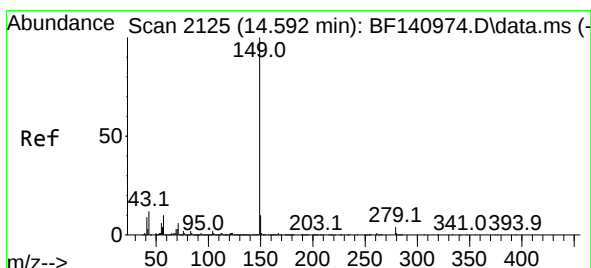
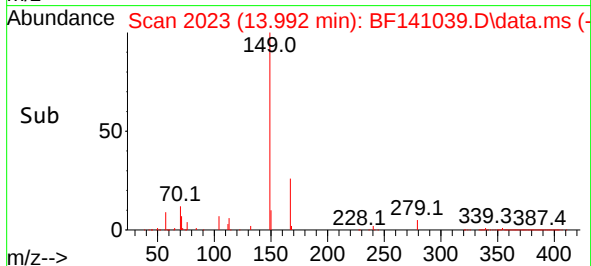
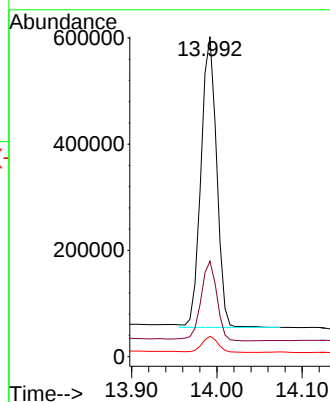
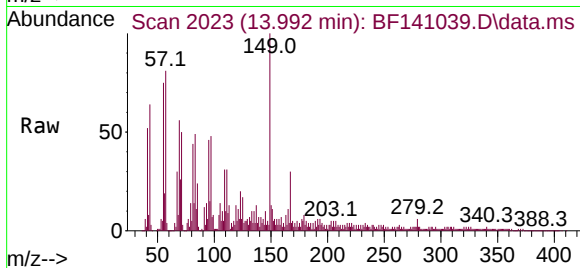




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.033 ng  
RT: 13.992 min Scan# 20  
Delta R.T. 0.018 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

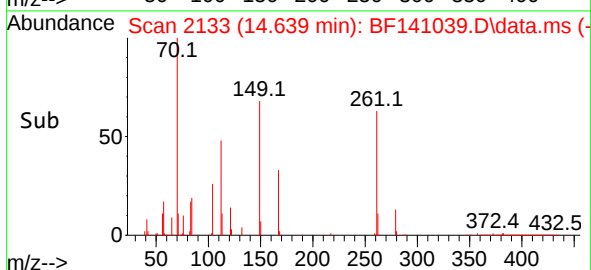
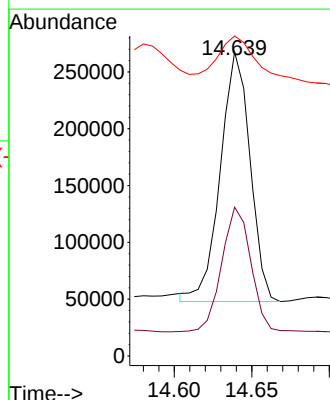
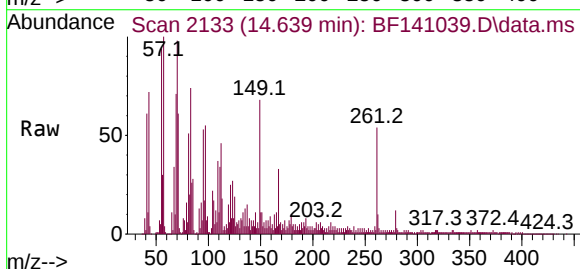
Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

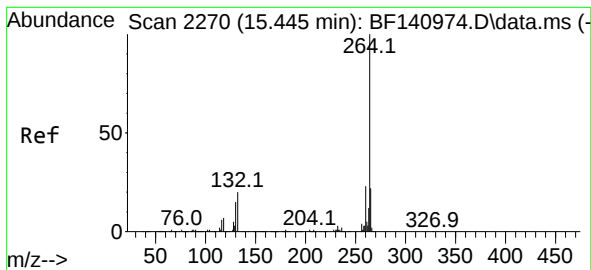
Tgt Ion:149 Resp: 696630  
Ion Ratio Lower Upper  
149 100  
167 29.8 21.6 32.4  
279 6.4 3.2 4.8#



#85  
Di-n-octyl phthalate  
Concen: 11.911 ng  
RT: 14.639 min Scan# 2133  
Delta R.T. 0.047 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Tgt Ion:149 Resp: 292683  
Ion Ratio Lower Upper  
149 100  
167 54.0 1.2 1.8#  
43 73.2 9.3 13.9#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.468 min Scan# 21  
Delta R.T. 0.023 min  
Lab File: BF141039.D  
Acq: 30 Dec 2024 18:58

Instrument :  
BNA\_F  
ClientSampleId :  
MOO-24-00398

Tgt Ion:264 Resp: 512914  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 18.7  | 28.1  |
| 265 | 22.9  | 17.4  | 26.2  |

