

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091423\  
 Data File : BF135272.D  
 Acq On : 15 Sep 2023 00:52  
 Operator : CG\JU  
 Sample : 04392-01 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WASTE

Quant Time: Sep 15 01:40:39 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     | 6.769  | 152  | 85171    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.057  | 136  | 110430   | 20.000  | ng    | # 0.01   |
| 39) Acenaphthene-d10          | 9.833  | 164  | 98394    | 20.000  | ng    | 0.03     |
| 64) Phenanthrene-d10          | 11.322 | 188  | 155278   | 20.000  | ng    | # 0.03   |
| 76) Chrysene-d12              | 13.957 | 240  | 178362   | 20.000  | ng    | 0.01     |
| 86) Perylene-d12              | 15.415 | 264  | 155175   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.387  | 112  | 104485   | 19.953  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.404  | 99   | 126998   | 19.073  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 19802    | 9.742   | ng    | 0.13     |
| 42) 2,4,6-Tribromophenol      | 10.627 | 330  | 14315    | 14.640  | ng    | 0.03     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 92081    | 14.119  | ng    | 0.01     |
| 79) Terphenyl-d14             | 12.904 | 244  | 105447   | 9.165   | ng    | 0.01     |
| Target Compounds              |        |      |          |         |       |          |
| 9) Benzaldehyde               | 6.328  | 77   | 81533    | 21.494  | ng    | # 1      |
| 15) Benzyl Alcohol            | 6.916  | 79   | 11474    | 2.401   | ng    | # 47     |
| 17) 2-Methylphenol            | 7.051  | 107  | 12719    | 2.578   | ng    | # 1      |
| 18) Hexachloroethane          | 7.269  | 117  | 83669    | 39.177  | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.198  | 70   | 55901    | 13.554  | ng    | # 67     |
| 22) Acetophenone              | 7.169  | 105  | 753476   | 298.440 | ng    | # 41     |
| 24) Nitrobenzene              | 7.345  | 77   | 51292    | 25.531  | ng    | # 19     |
| 25) Isophorone                | 7.587  | 82   | 121095   | 32.444  | ng    | # 1      |
| 26) 2-Nitrophenol             | 7.686  | 139  | 15845    | 16.433  | ng    | # 1      |
| 27) 2,4-Dimethylphenol        | 7.710  | 122  | 18053    | 11.139  | ng    | # 1      |
| 28) bis(2-Chloroethoxy)met... | 7.810  | 93   | 20953    | 9.379   | ng    | # 1      |
| 29) 2,4-Dichlorophenol        | 7.898  | 162  | 23795    | 15.844  | ng    | # 32     |
| 31) Naphthalene               | 8.086  | 128  | 1368518  | 255.060 | ng    | # 94     |
| 32) Benzoic acid              | 7.851  | 122  | 14130    | 11.578  | ng    | # 4      |
| 33) 4-Chloroaniline           | 8.157  | 127  | 17351    | 7.371   | ng    | # 1      |
| 35) Caprolactam               | 8.504  | 113  | 150599   | 298.791 | ng    | # 41     |
| 36) 4-Chloro-3-methylphenol   | 8.592  | 107  | 31383    | 18.802  | ng    | # 32     |
| 37) 2-Methylnaphthalene       | 8.804  | 142  | 2535035  | 702.879 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.892  | 142  | 1456577  | 431.364 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.063  | 196  | 9917     | 5.313   | ng    | # 18     |
| 46) 1,1'-Biphenyl             | 9.245  | 154  | 355359   | 46.996  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 9.322  | 162  | 31219    | 5.690   | ng    | # 17     |
| 48) 2-Nitroaniline            | 9.381  | 65   | 11962    | 5.612   | ng    | # 1      |
| 49) Acenaphthylene            | 9.698  | 152  | 77288    | 8.477   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.604  | 165  | 11061    | 7.590   | ng    | # 77     |
| 52) Acenaphthene              | 9.869  | 154  | 121273   | 22.515  | ng    | # 64     |
| 53) 3-Nitroaniline            | 9.780  | 138  | 3440     | 2.011   | ng    | # 43     |
| 54) 2,4-Dinitrophenol         | 10.122 | 184  | 29258    | 38.851  | ng    | 88       |
| 55) Dibenzofuran              | 10.039 | 168  | 151009   | 18.372  | ng    | # 30     |
| 56) 4-Nitrophenol             | 9.951  | 139  | 94289    | 86.726  | ng    | # 56     |
| 57) 2,4-Dinitrotoluene        | 10.045 | 165  | 53632    | 29.396  | ng    | # 61     |
| 58) Fluorene                  | 10.386 | 166  | 340831   | 53.940  | ng    | # 91     |
| 60) Diethylphthalate          | 10.304 | 149  | 14115    | 2.114   | ng    | # 1      |
| 62) 4-Nitroaniline            | 10.298 | 138  | 8883     | 5.402   | ng    | 86       |
| 63) Azobenzene                | 10.533 | 77   | 38971    | 5.964   | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 10.457 | 198  | 3688     | 4.472   | ng    | # 1      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091423\  
Data File : BF135272.D  
Acq On : 15 Sep 2023 00:52  
Operator : CG\JU  
Sample : 04392-01 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

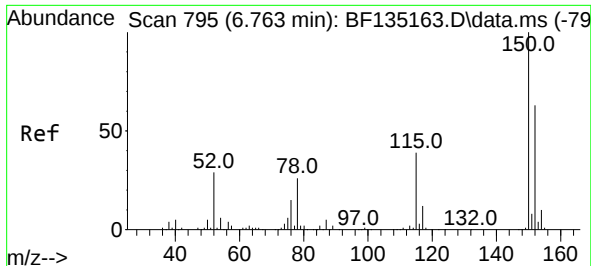
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

Quant Time: Sep 15 01:40:39 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) |
|----------------------------|--------|------|----------|---------|-------|----------|
| 66) n-Nitrosodiphenylamine | 10.504 | 169  | 310080   | 65.961  | ng    | # 56     |
| 69) Atrazine               | 11.022 | 200  | 9046     | 7.152   | ng    | # 66     |
| 71) Phenanthrene           | 11.351 | 178  | 793154   | 108.001 | ng    | # 94     |
| 72) Anthracene             | 11.404 | 178  | 66766    | 8.845   | ng    | # 50     |
| 73) Carbazole              | 11.551 | 167  | 31351    | 4.562   | ng    | # 1      |
| 75) Fluoranthene           | 12.539 | 202  | 44655    | 5.835   | ng    | 68       |
| 78) Pyrene                 | 12.763 | 202  | 171816   | 10.118  | ng    | # 94     |

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

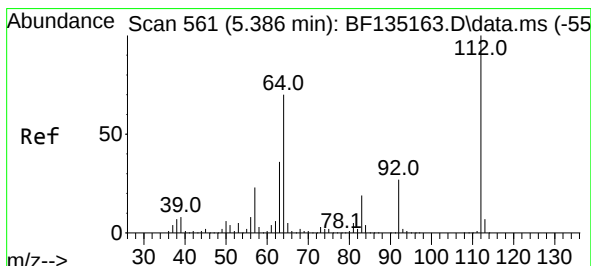
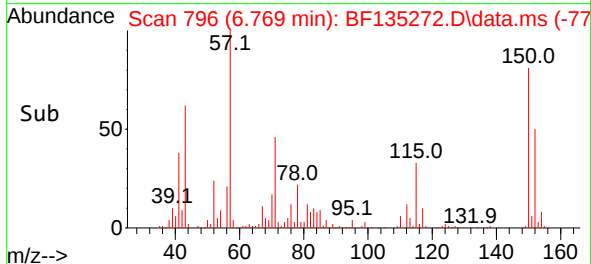
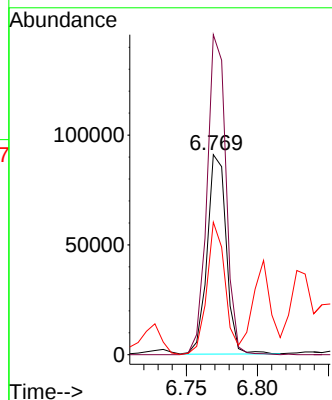
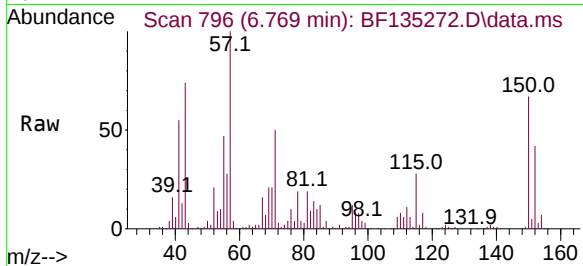




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 795  
Delta R.T. 0.006 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

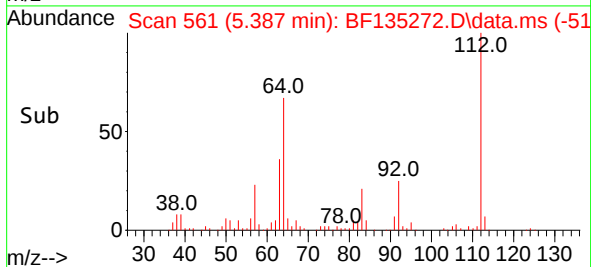
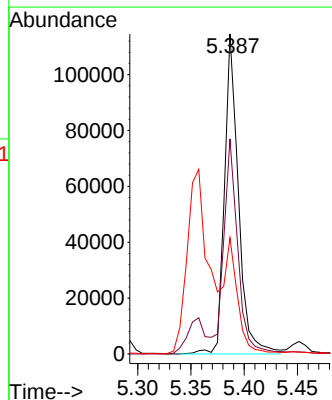
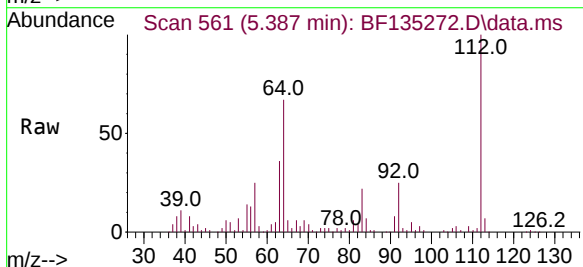
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

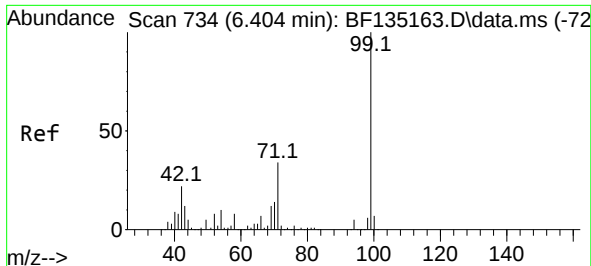
Tgt Ion:152 Resp: 85171  
Ion Ratio Lower Upper  
152 100  
150 160.0 127.8 191.6  
115 66.2 49.8 74.8



#5  
2-Fluorophenol  
Concen: 19.953 ng  
RT: 5.387 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:112 Resp: 104485  
Ion Ratio Lower Upper  
112 100  
64 67.2 55.9 83.9  
63 36.3 29.0 43.6





#7

Phenol-d6

Concen: 19.073 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

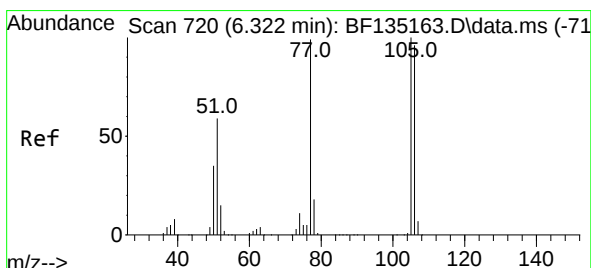
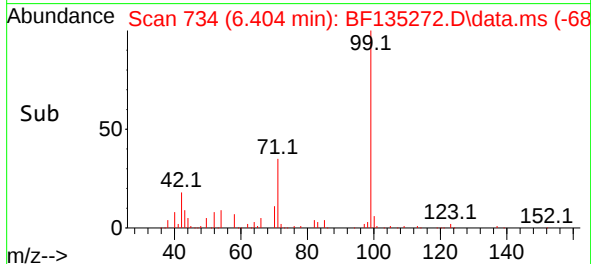
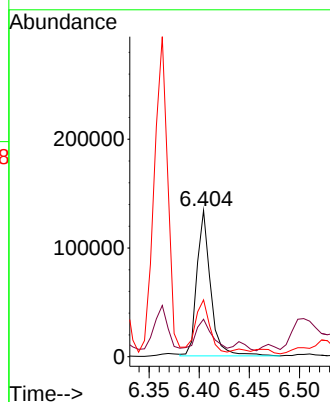
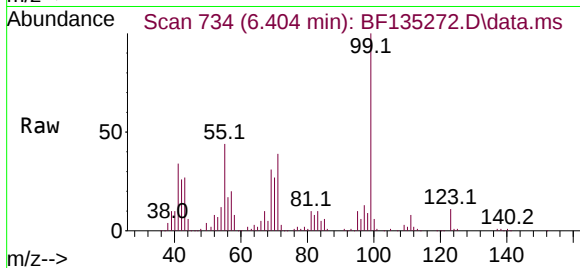
Tgt Ion: 99 Resp: 126998

Ion Ratio Lower Upper

99 100

42 25.6 17.9 26.9

71 38.9 27.0 40.6



#9

Benzaldehyde

Concen: 21.494 ng

RT: 6.328 min Scan# 721

Delta R.T. 0.006 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

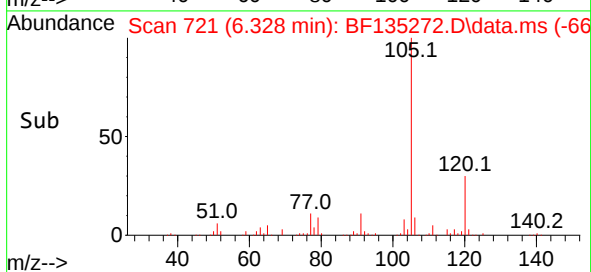
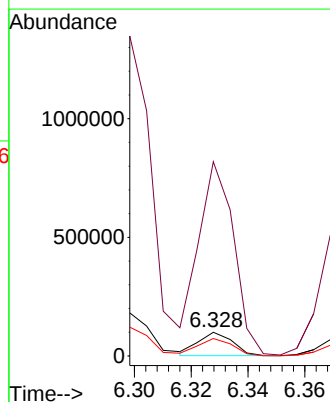
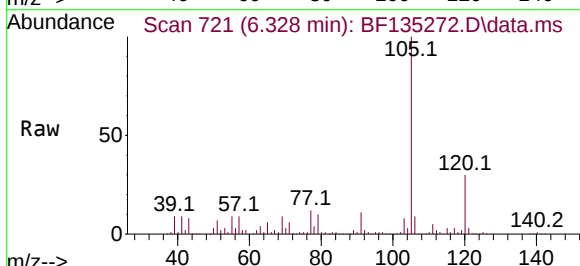
Tgt Ion: 77 Resp: 81533

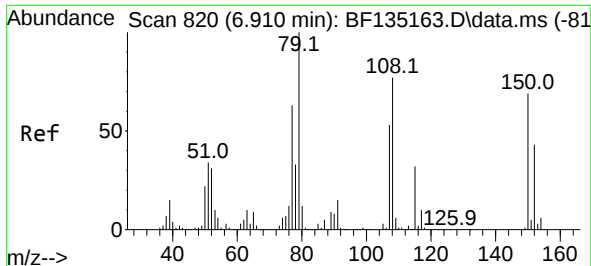
Ion Ratio Lower Upper

77 100

105 822.6 81.4 121.4#

106 73.8 76.9 116.9#

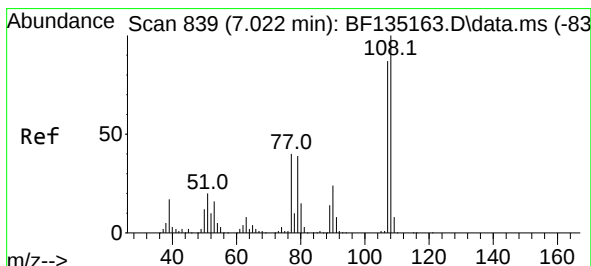
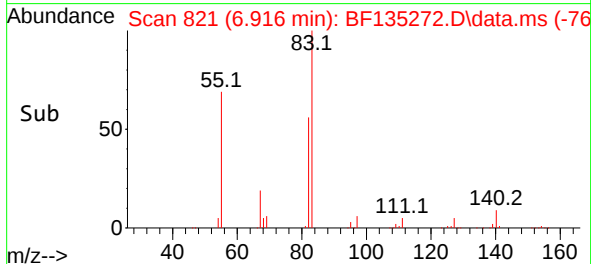
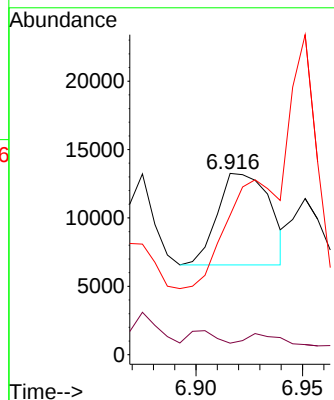
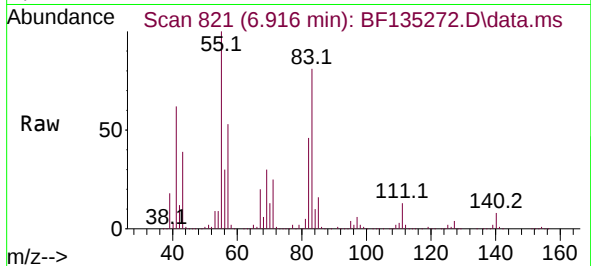




#15  
Benzyl Alcohol  
Concen: 2.401 ng  
RT: 6.916 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

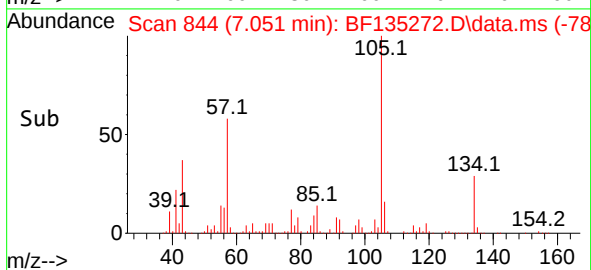
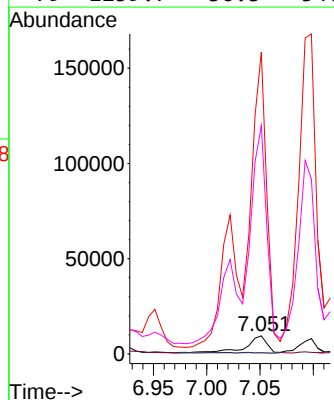
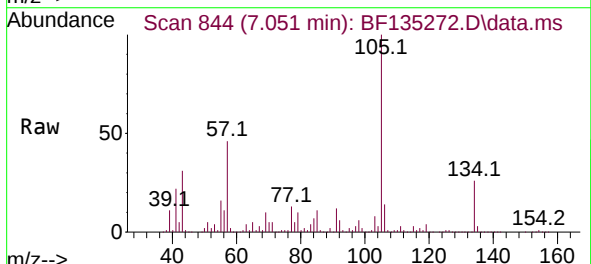
Instrument :  
BNA\_F  
ClientSampleId :  
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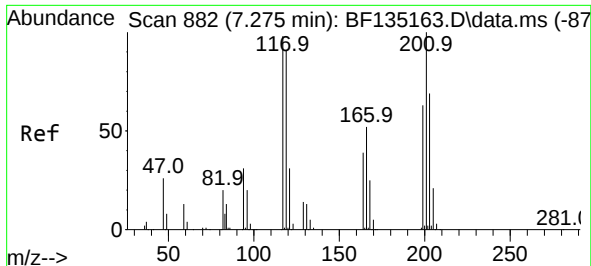
Tgt Ion: 79 Resp: 11474  
Ion Ratio Lower Upper  
79 100  
108 6.3 61.2 91.8#  
77 77.0 50.5 75.7#



#17  
2-Methylphenol  
Concen: 2.578 ng  
RT: 7.051 min Scan# 844  
Delta R.T. 0.030 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion: 107 Resp: 12719  
Ion Ratio Lower Upper  
107 100  
108 7.2 92.0 138.0#  
77 1665.6 36.7 55.1#  
79 1259.7 36.3 54.5#

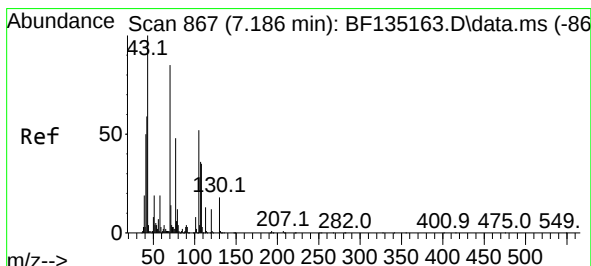
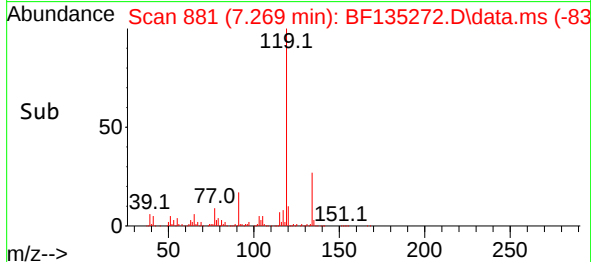
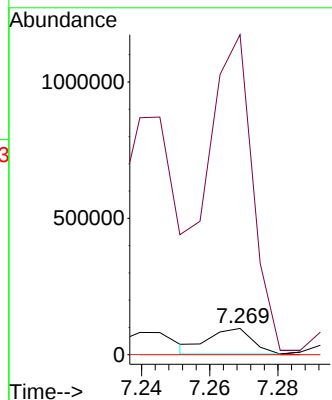
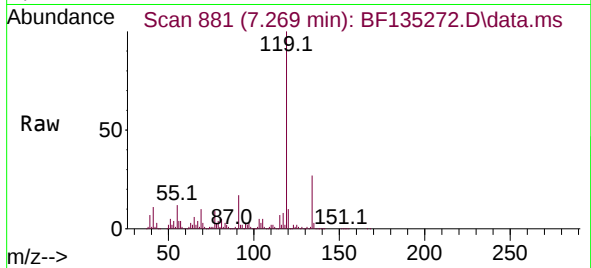




#18  
Hexachloroethane  
Concen: 39.177 ng  
RT: 7.269 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

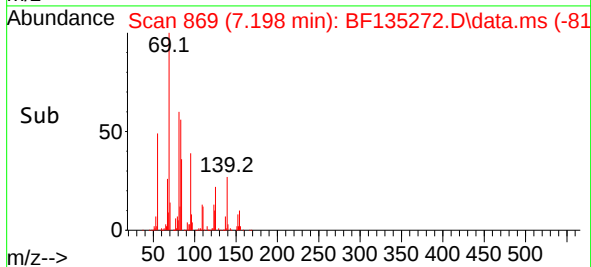
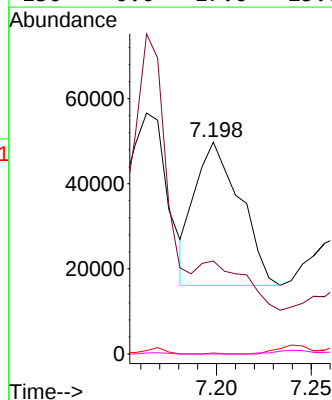
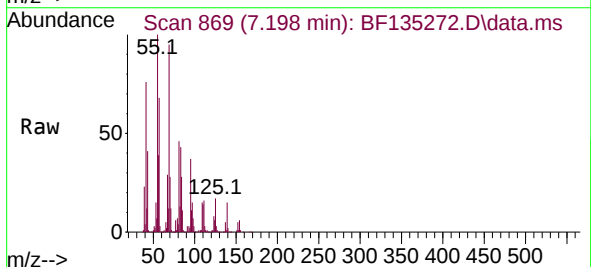
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

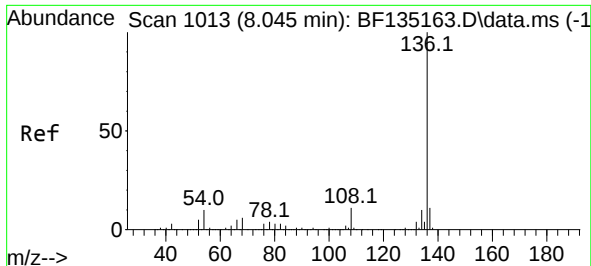
Tgt Ion:117 Resp: 83669  
Ion Ratio Lower Upper  
117 100  
119 1215.2 74.7 112.1#  
201 0.0 81.8 122.8#



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.554 ng  
RT: 7.198 min Scan# 869  
Delta R.T. 0.012 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion: 70 Resp: 55901  
Ion Ratio Lower Upper  
70 100  
42 43.9 55.4 83.0#  
101 0.5 7.7 11.5#  
130 0.0 17.0 25.6#

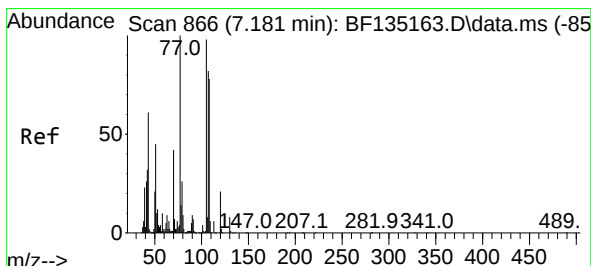
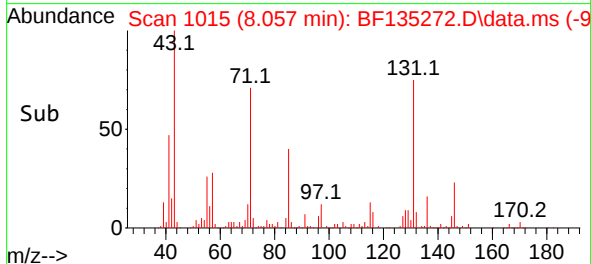
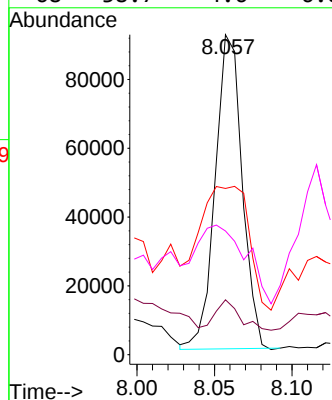
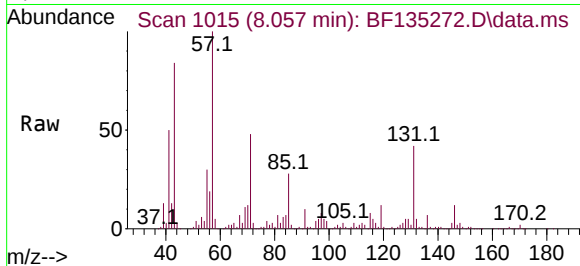




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. 0.012 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

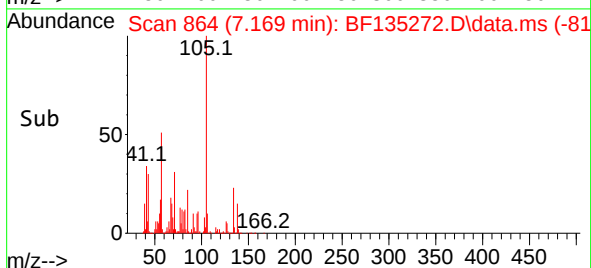
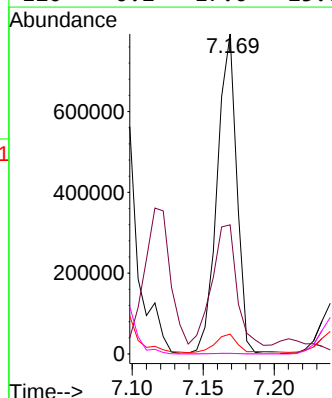
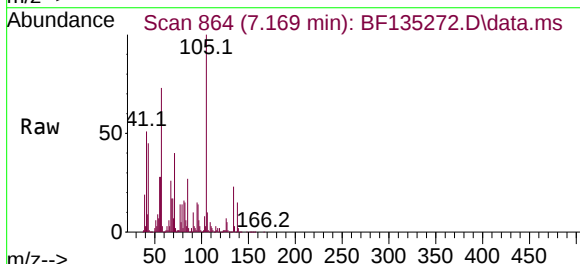
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

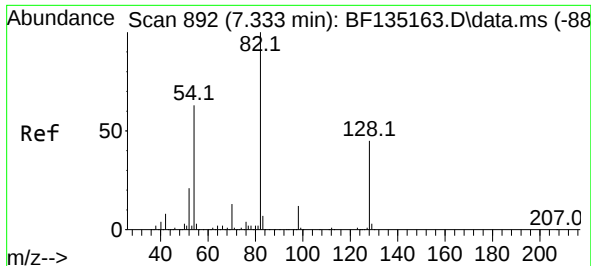
Tgt Ion:136 Resp: 110430  
Ion Ratio Lower Upper  
136 100  
137 17.1 8.8 13.2#  
54 51.9 7.7 11.5#  
68 38.7 4.6 6.8#



#22  
Acetophenone  
Concen: 298.440 ng  
RT: 7.169 min Scan# 864  
Delta R.T. -0.012 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:105 Resp: 753476  
Ion Ratio Lower Upper  
105 100  
71 40.4 5.8 8.6#  
51 6.2 37.0 55.4#  
120 0.2 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 9.742 ng

RT: 7.463 min Scan# 914

Delta R.T. 0.130 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

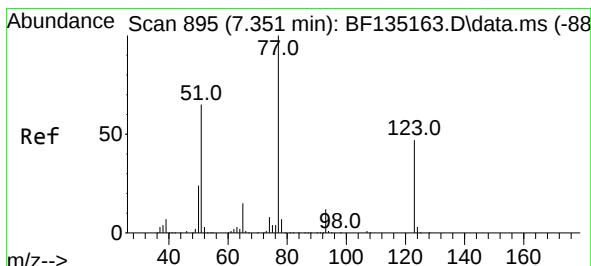
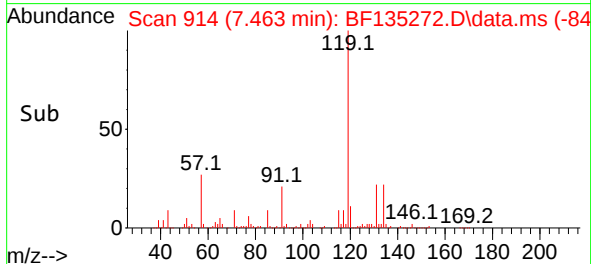
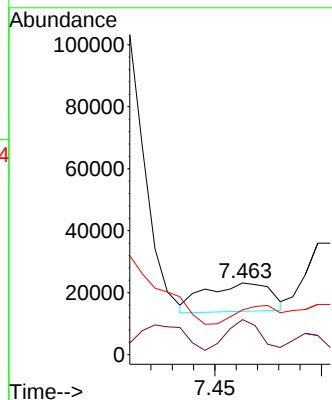
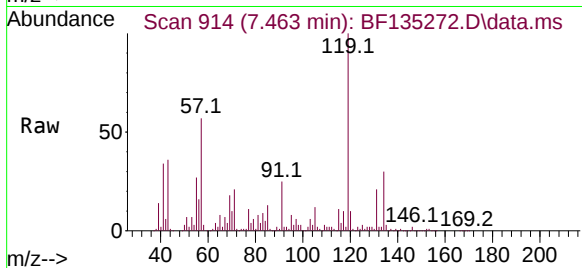
Tgt Ion: 82 Resp: 19802

Ion Ratio Lower Upper

82 100

128 49.0 35.8 53.6

54 62.6 50.6 76.0



#24

Nitrobenzene

Concen: 25.531 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

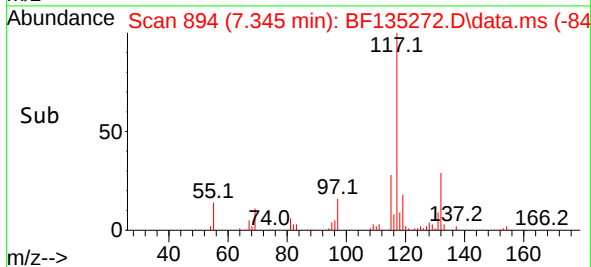
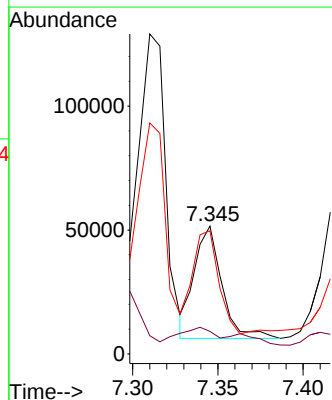
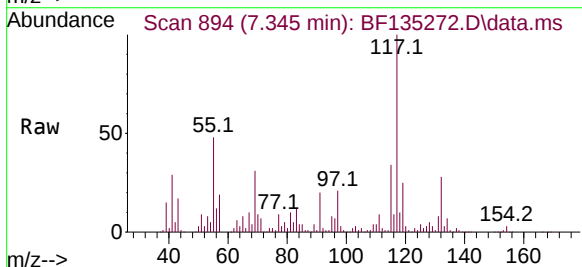
Tgt Ion: 77 Resp: 51292

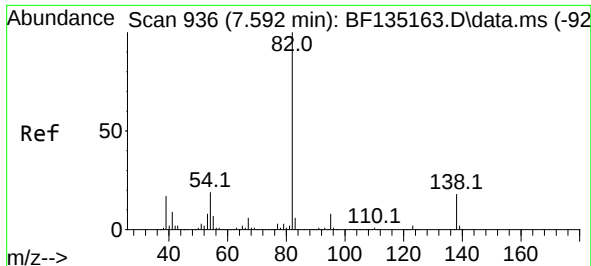
Ion Ratio Lower Upper

77 100

123 17.6 37.6 56.4#

65 96.4 12.2 18.4#

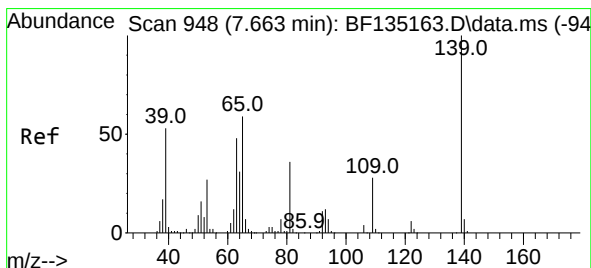
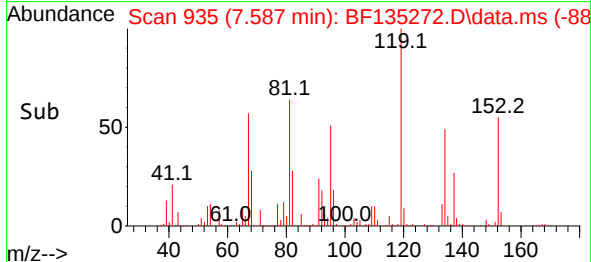
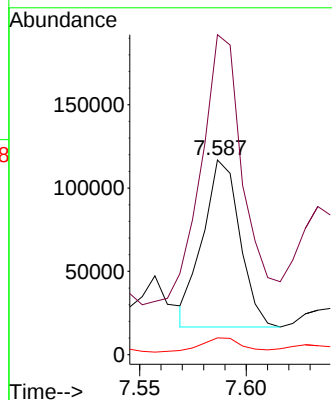
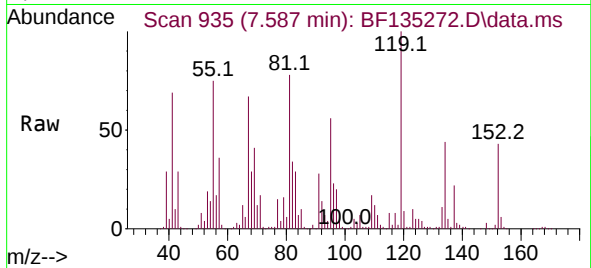




#25  
Isophorone  
Concen: 32.444 ng  
RT: 7.587 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

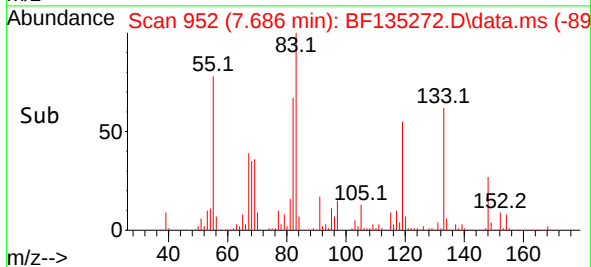
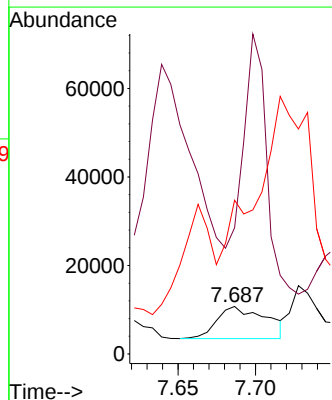
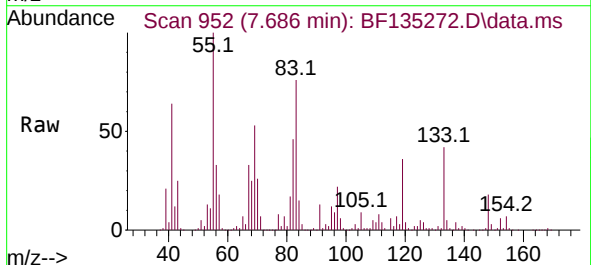
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

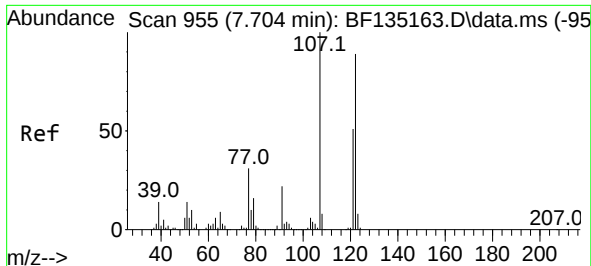
Tgt Ion: 82 Resp: 121095  
Ion Ratio Lower Upper  
82 100  
95 164.3 6.0 9.0#  
138 8.7 14.5 21.7#



#26  
2-Nitrophenol  
Concen: 16.433 ng  
RT: 7.686 min Scan# 952  
Delta R.T. 0.024 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:139 Resp: 15845  
Ion Ratio Lower Upper  
139 100  
109 265.9 22.6 33.8#  
65 323.9 47.0 70.4#

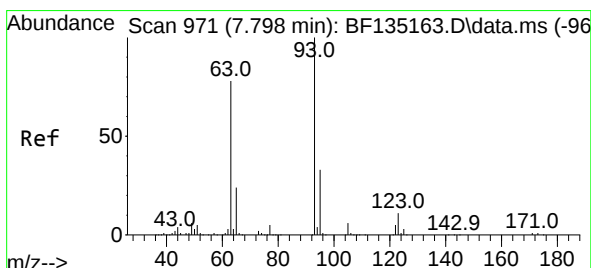
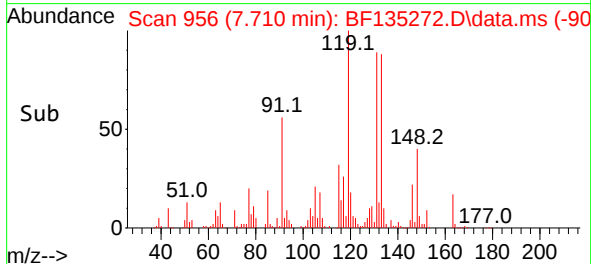
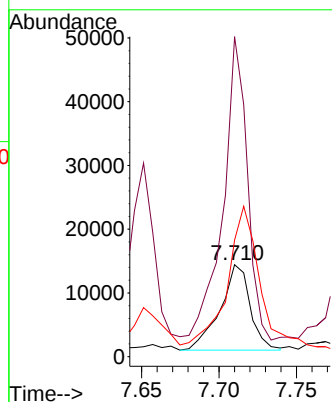
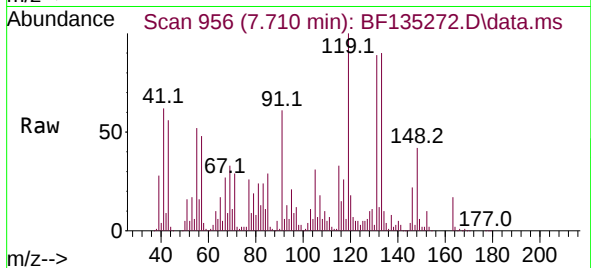




#27  
2,4-Dimethylphenol  
Concen: 11.139 ng  
RT: 7.710 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

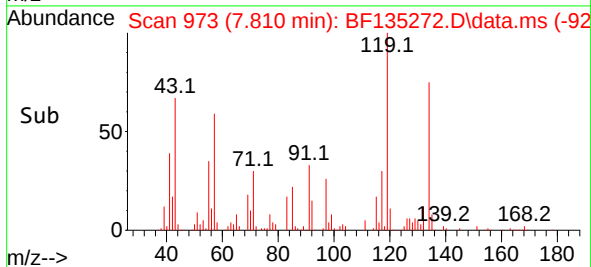
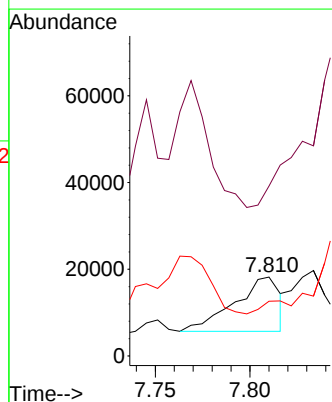
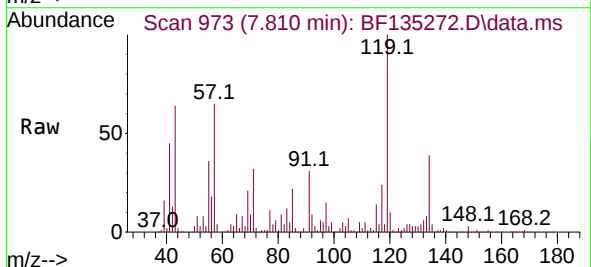
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

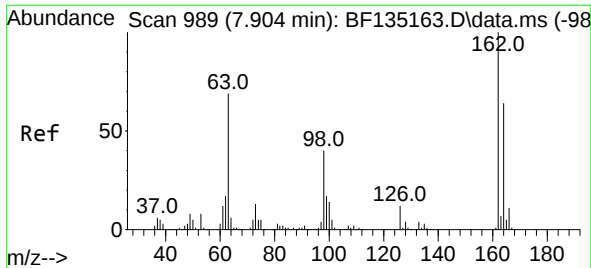
Tgt Ion:122 Resp: 18053  
Ion Ratio Lower Upper  
122 100  
107 347.6 90.2 135.4#  
121 126.7 46.3 69.5#



#28  
bis(2-Chloroethoxy)methane  
Concen: 9.379 ng  
RT: 7.810 min Scan# 973  
Delta R.T. 0.012 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion: 93 Resp: 20953  
Ion Ratio Lower Upper  
93 100  
95 215.3 26.2 39.2#  
123 69.4 8.8 13.2#





#29

2,4-Dichlorophenol

Concen: 15.844 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

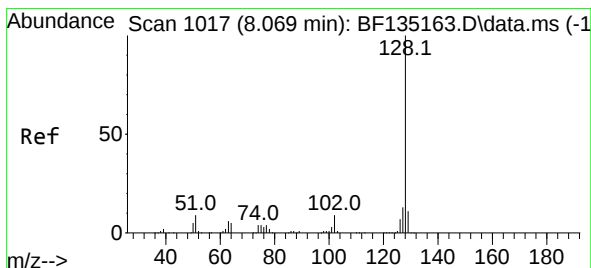
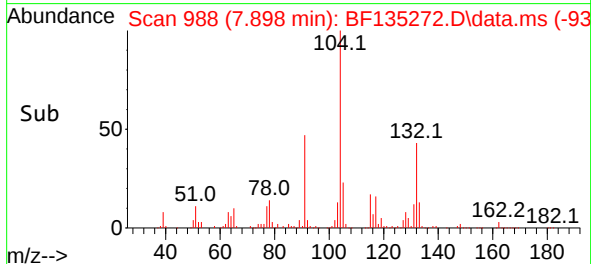
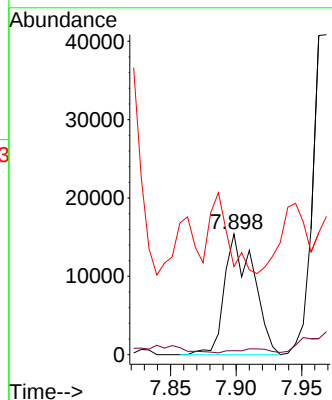
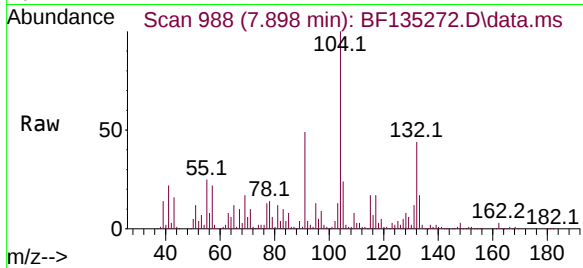
Tgt Ion:162 Resp: 23795

Ion Ratio Lower Upper

162 100

164 3.4 44.1 84.1#

98 73.1 20.3 60.3#



#31

Naphthalene

Concen: 255.060 ng

RT: 8.086 min Scan# 1020

Delta R.T. 0.018 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

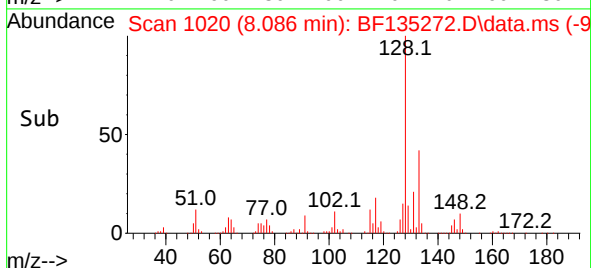
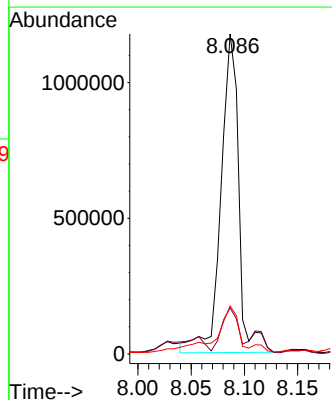
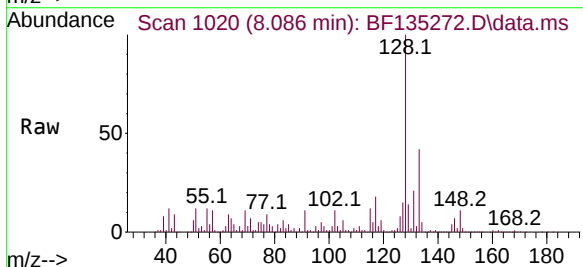
Tgt Ion:128 Resp: 1368518

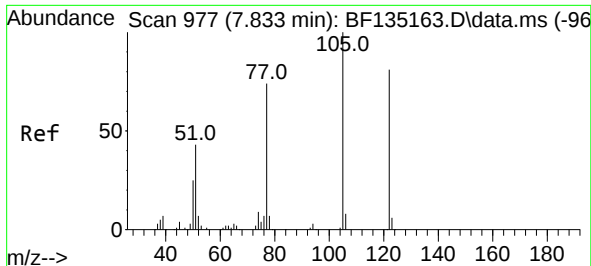
Ion Ratio Lower Upper

128 100

129 14.4 8.7 13.1#

127 15.0 10.7 16.1





#32

Benzoic acid

Concen: 11.578 ng

RT: 7.851 min Scan# 9

Delta R.T. 0.018 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

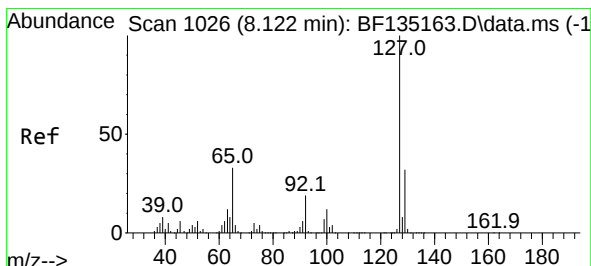
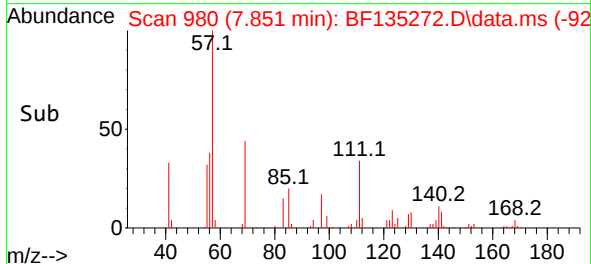
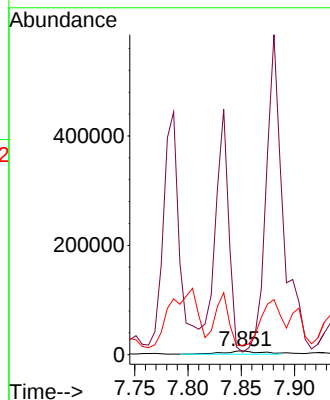
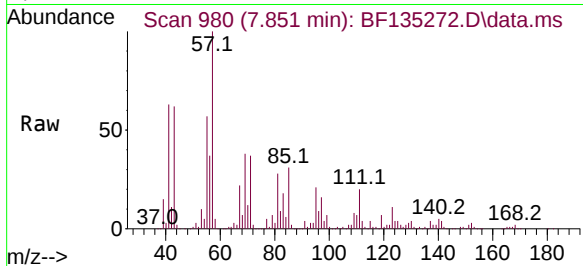
Tgt Ion:122 Resp: 14130

Ion Ratio Lower Upper

122 100

105 65.0 99.9 139.9#

77 239.7 70.0 110.0#



#33

4-Chloroaniline

Concen: 7.371 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.035 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Tgt Ion:127 Resp: 17351

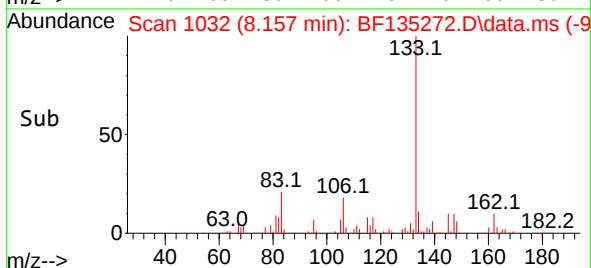
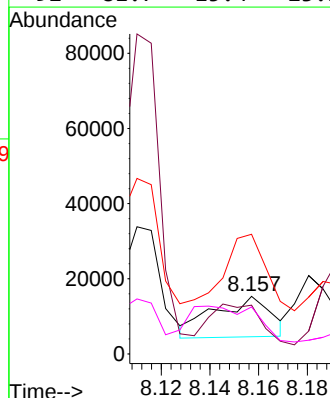
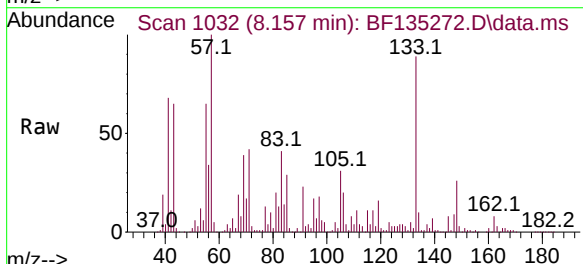
Ion Ratio Lower Upper

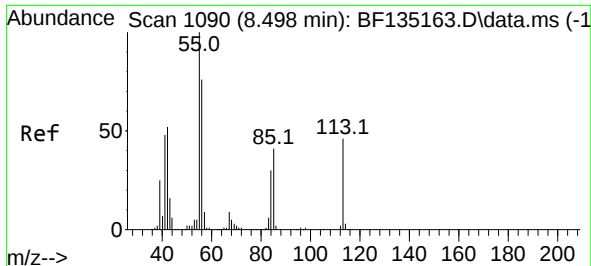
127 100

129 84.8 25.8 38.8#

65 207.8 26.6 39.8#

92 81.7 15.4 23.2#

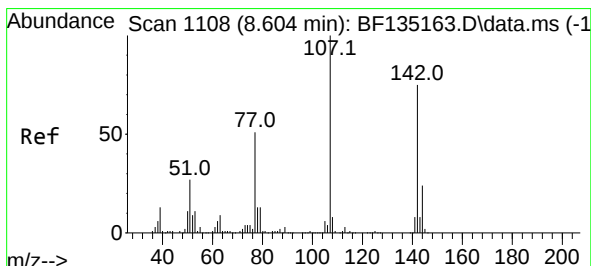
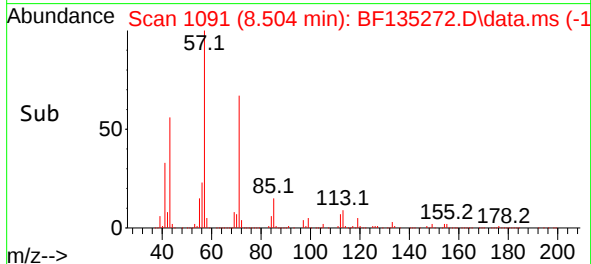
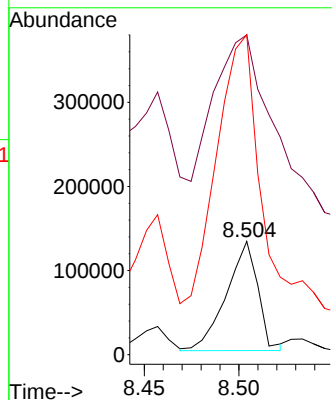
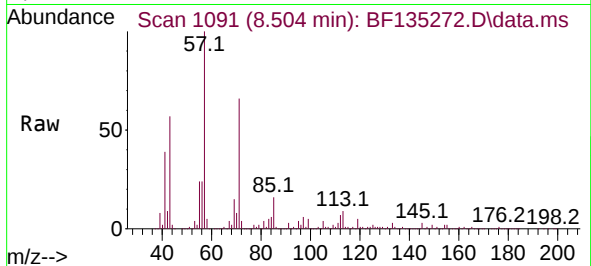




#35  
Caprolactam  
Concen: 298.791 ng  
RT: 8.504 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

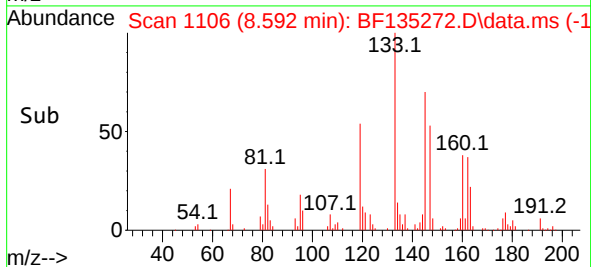
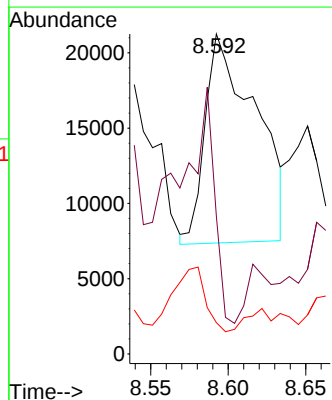
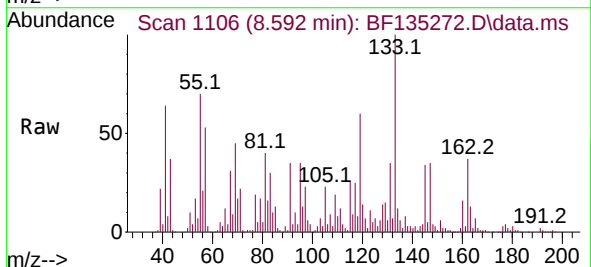
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

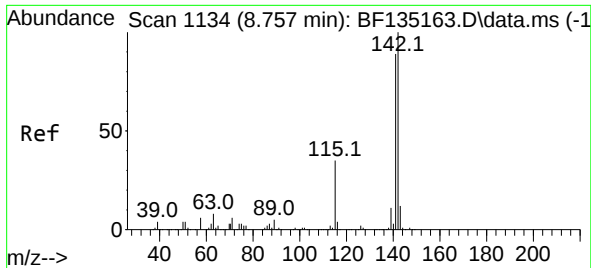
Tgt Ion:113 Resp: 150599  
Ion Ratio Lower Upper  
113 100  
55 282.4 199.3 239.3#  
56 282.5 146.3 186.3#



#36  
4-Chloro-3-methylphenol  
Concen: 18.802 ng  
RT: 8.592 min Scan# 1106  
Delta R.T. -0.012 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:107 Resp: 31383  
Ion Ratio Lower Upper  
107 100  
144 43.1 19.0 28.4#  
142 9.8 60.2 90.2#





#37

2-Methylnaphthalene

Concen: 702.879 ng

RT: 8.804 min Scan# 1142

Delta R.T. 0.047 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

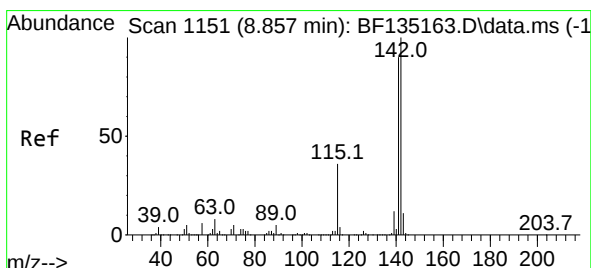
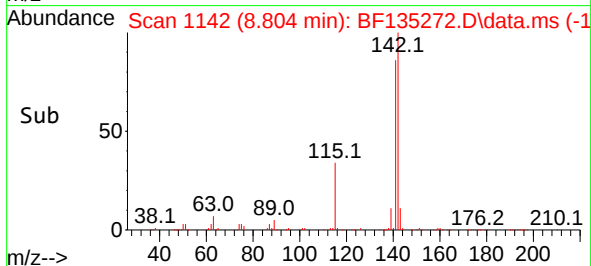
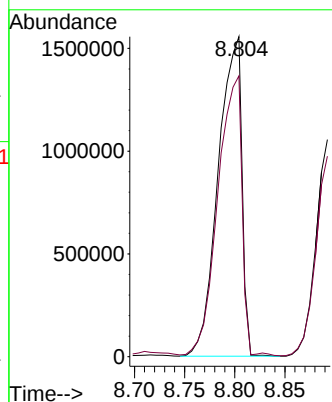
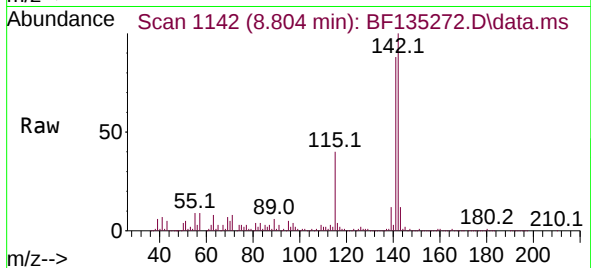
WASTE

Tgt Ion:142 Resp: 2535035

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 431.364 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.035 min

Lab File: BF135272.D

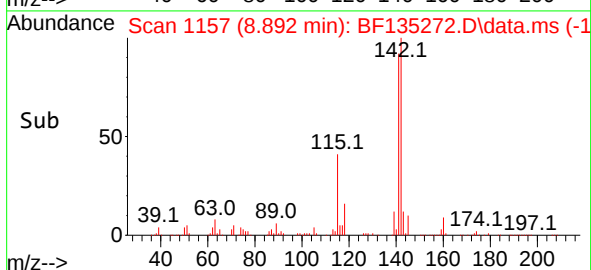
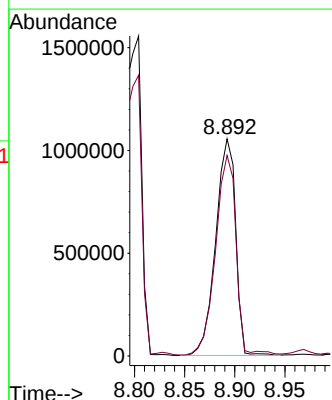
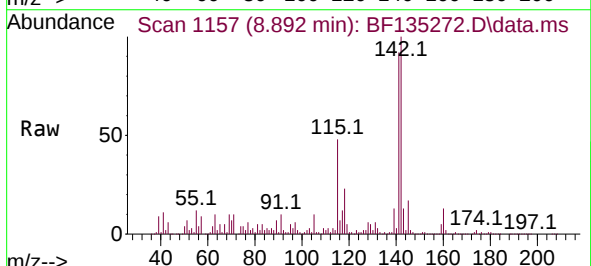
Acq: 15 Sep 2023 00:52

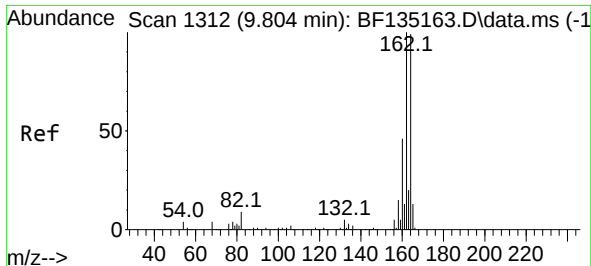
Tgt Ion:142 Resp: 1456577

Ion Ratio Lower Upper

142 100

141 92.3 72.4 108.6

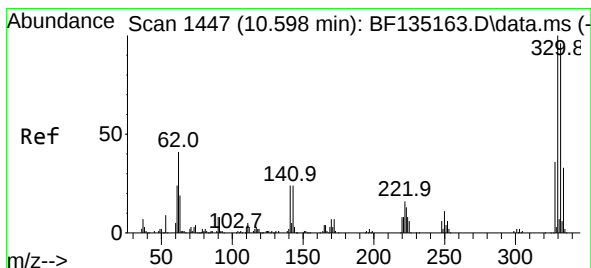
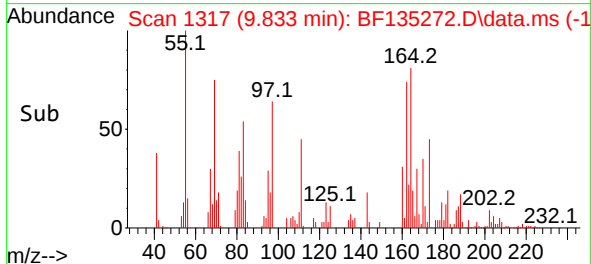
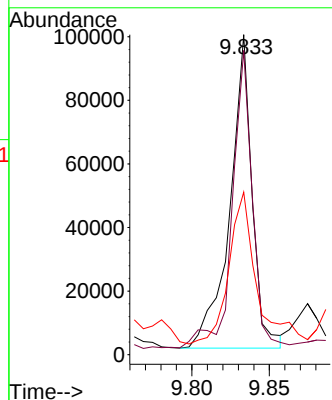
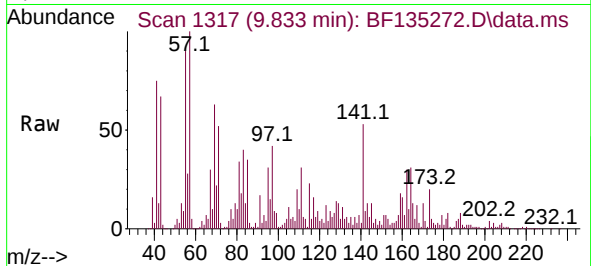




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 11  
Delta R.T. 0.030 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

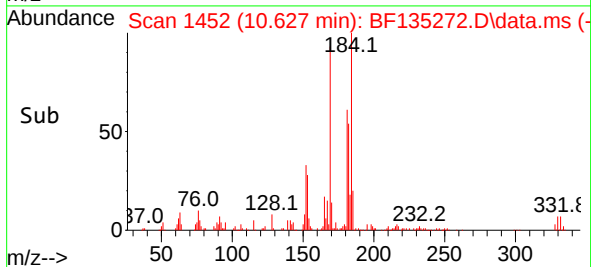
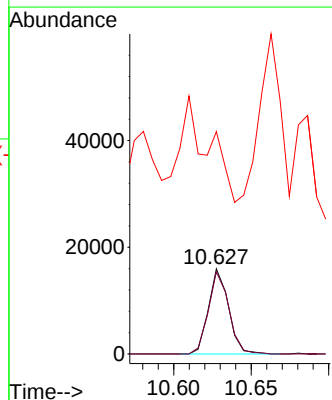
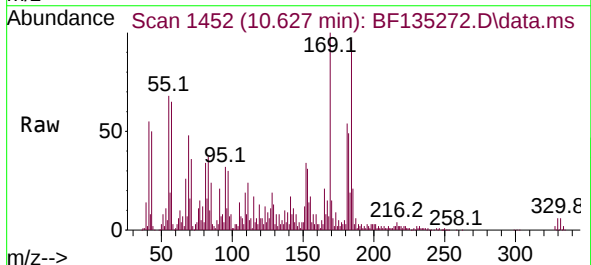
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

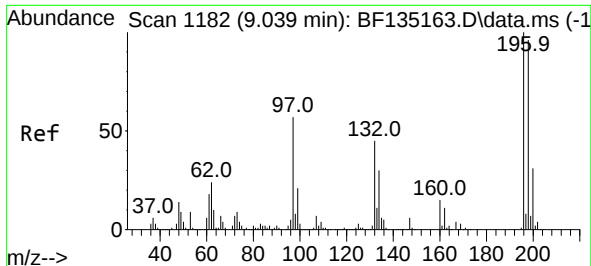
Tgt Ion:164 Resp: 98394  
Ion Ratio Lower Upper  
164 100  
162 95.1 81.0 121.4  
160 50.8 37.0 55.4



#42  
2,4,6-Tribromophenol  
Concen: 14.640 ng  
RT: 10.627 min Scan# 1452  
Delta R.T. 0.030 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:330 Resp: 14315  
Ion Ratio Lower Upper  
330 100  
332 98.9 77.3 115.9  
141 179.3 25.8 38.8#





#43

2,4,6-Trichlorophenol

Concen: 5.313 ng

RT: 9.063 min Scan# 1182

Delta R.T. 0.024 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

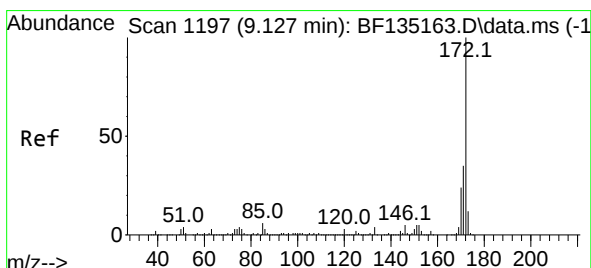
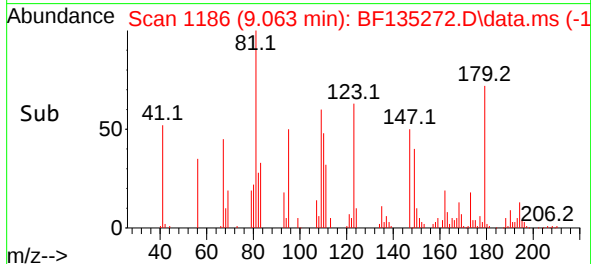
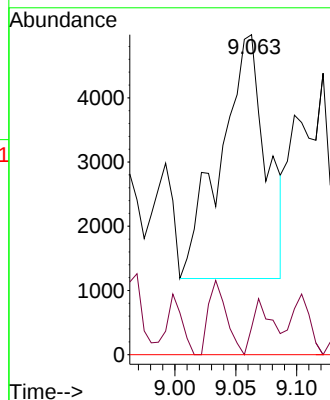
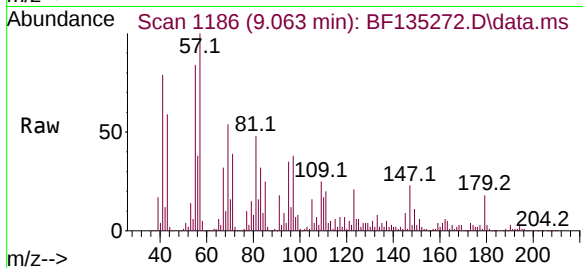
Tgt Ion:196 Resp: 9917

Ion Ratio Lower Upper

196 100

198 8.5 77.0 115.6#

200 0.0 24.5 36.7#



#45

2-Fluorobiphenyl

Concen: 14.119 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.012 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

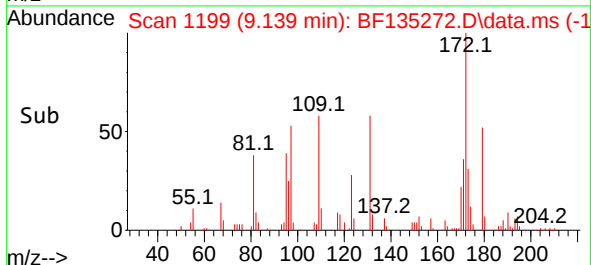
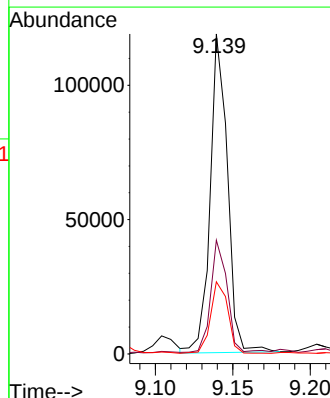
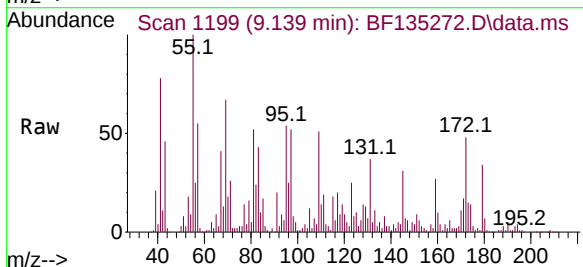
Tgt Ion:172 Resp: 92081

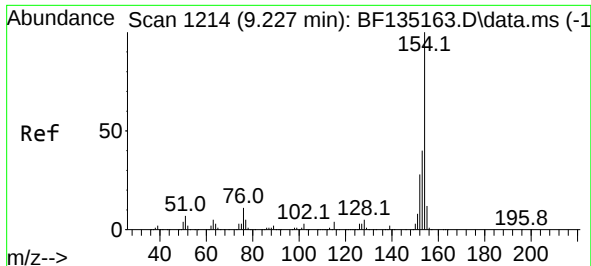
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 22.6 19.0 28.4





#46

1,1'-Biphenyl

Concen: 46.996 ng

RT: 9.245 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

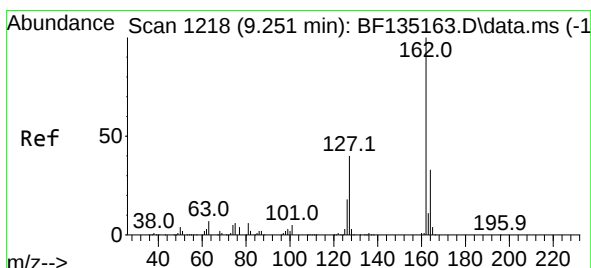
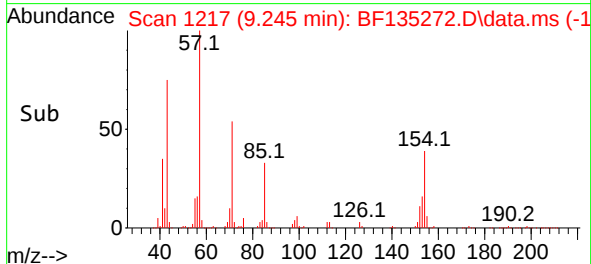
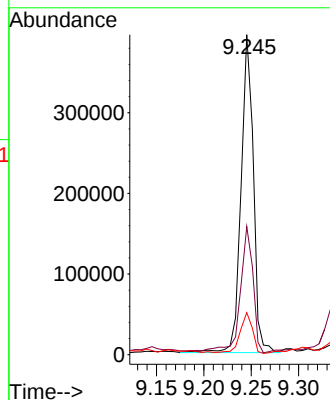
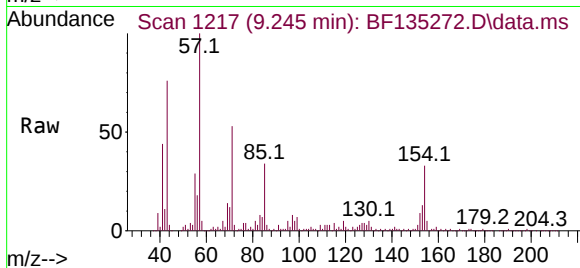
Tgt Ion:154 Resp: 355359

Ion Ratio Lower Upper

154 100

153 40.1 19.6 59.6

76 13.2 0.0 31.0



#47

2-Chloronaphthalene

Concen: 5.690 ng

RT: 9.322 min Scan# 1230

Delta R.T. 0.071 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

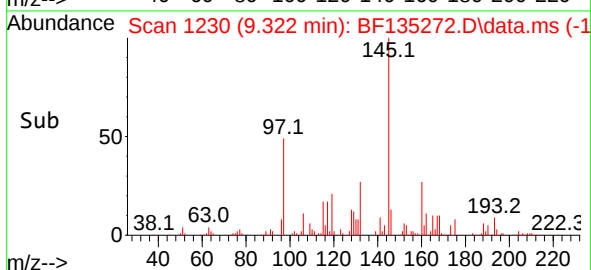
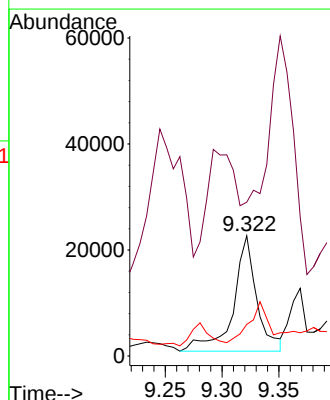
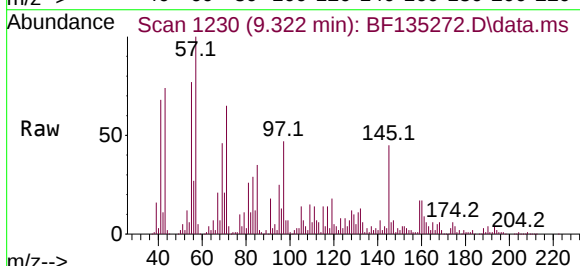
Tgt Ion:162 Resp: 31219

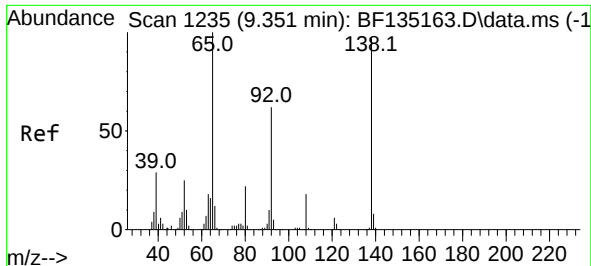
Ion Ratio Lower Upper

162 100

127 127.9 32.6 48.8#

164 26.3 26.2 39.2





#48

2-Nitroaniline

Concen: 5.612 ng

RT: 9.381 min Scan# 11962

Delta R.T. 0.030 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

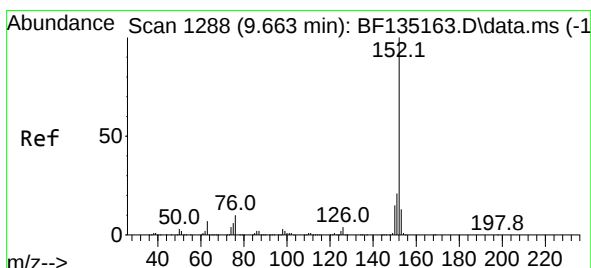
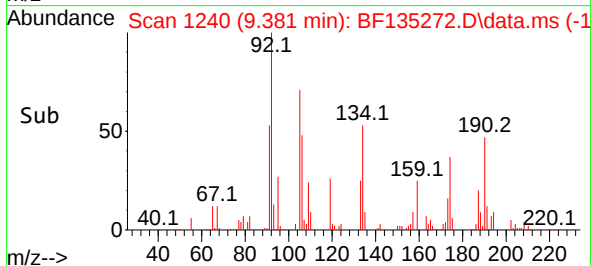
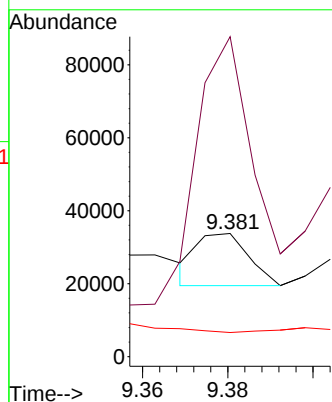
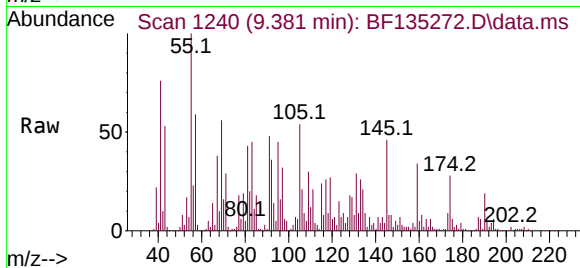
Tgt Ion: 65 Resp: 11962

Ion Ratio Lower Upper

65 100

92 259.6 49.4 74.0#

138 19.6 77.4 116.0#



#49

Acenaphthylene

Concen: 8.477 ng

RT: 9.698 min Scan# 1294

Delta R.T. 0.035 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

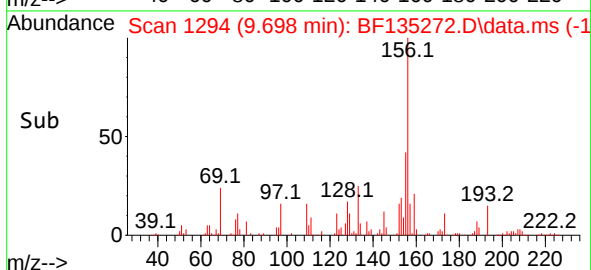
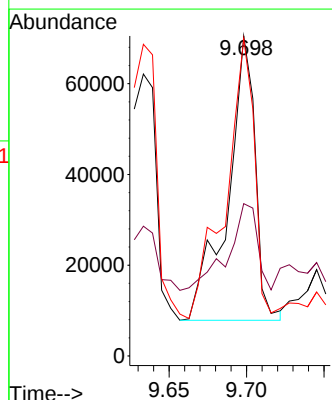
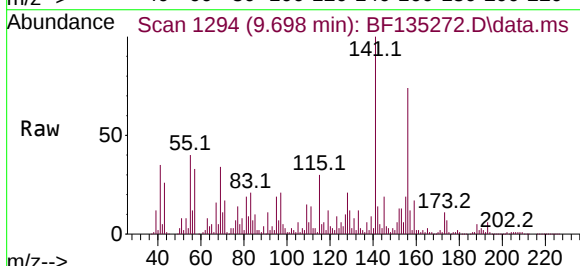
Tgt Ion: 152 Resp: 77288

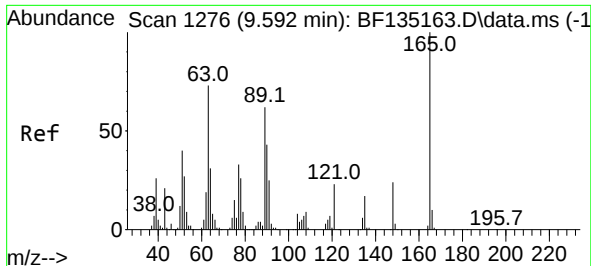
Ion Ratio Lower Upper

152 100

151 47.6 16.4 24.6#

153 99.2 10.4 15.6#

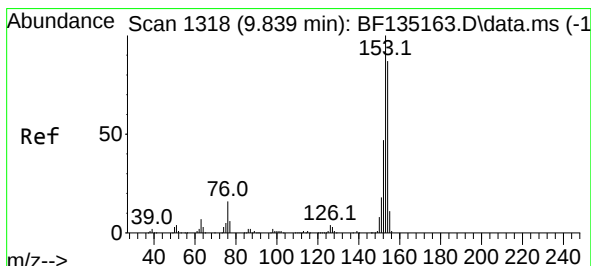
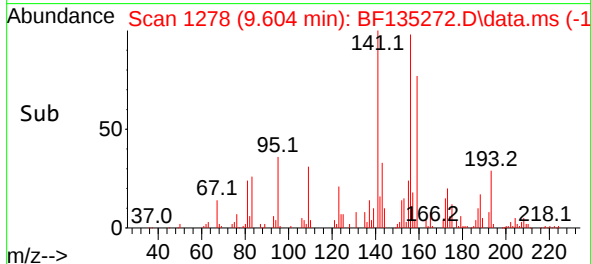
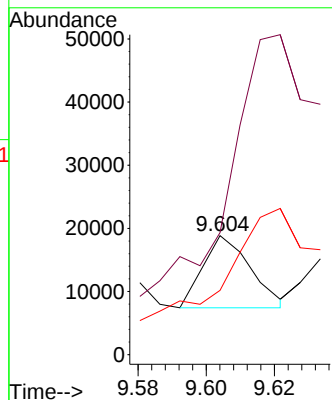
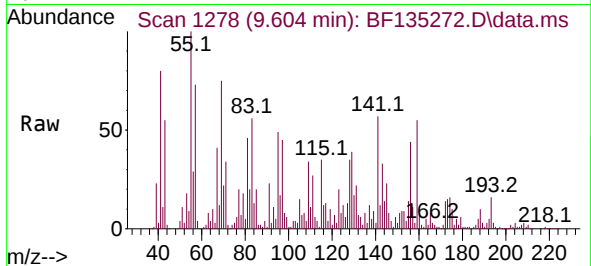




#51  
2,6-Dinitrotoluene  
Concen: 7.590 ng  
RT: 9.604 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

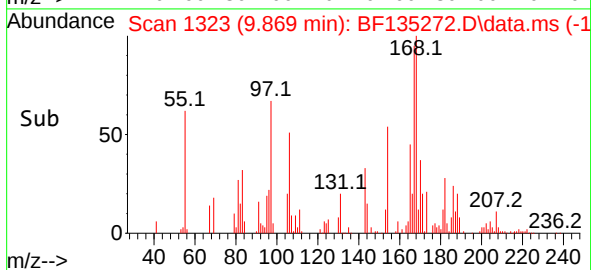
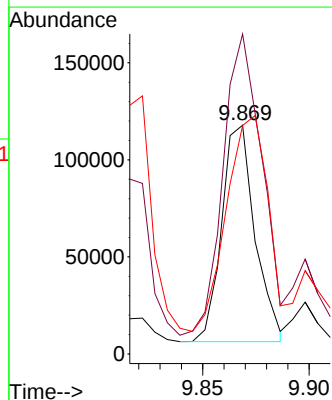
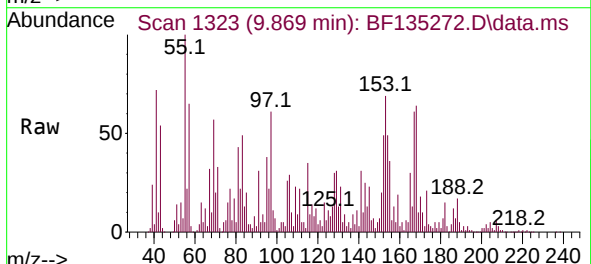
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

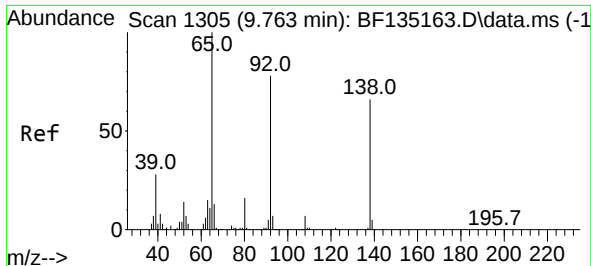
Tgt Ion:165 Resp: 11061  
Ion Ratio Lower Upper  
165 100  
63 102.6 59.4 89.2#  
89 54.1 49.8 74.8



#52  
Acenaphthene  
Concen: 22.515 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. 0.030 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:154 Resp: 121273  
Ion Ratio Lower Upper  
154 100  
153 139.9 92.1 138.1#  
152 99.9 43.1 64.7#

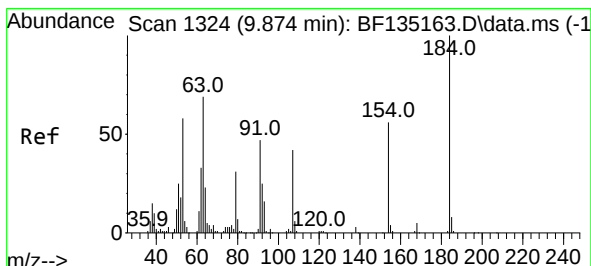
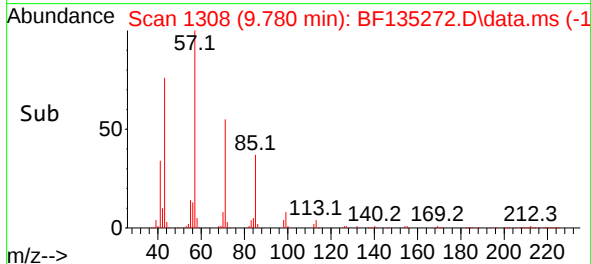
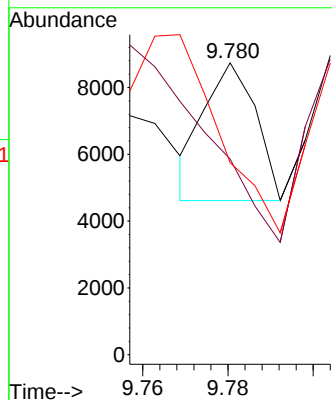
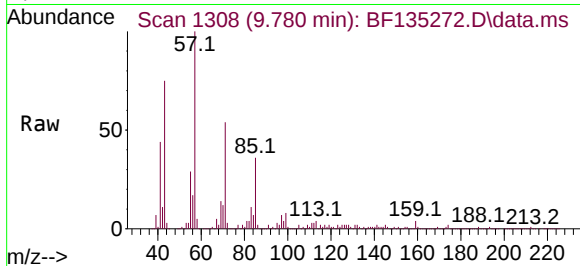




#53  
3-Nitroaniline  
Concen: 2.011 ng  
RT: 9.780 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

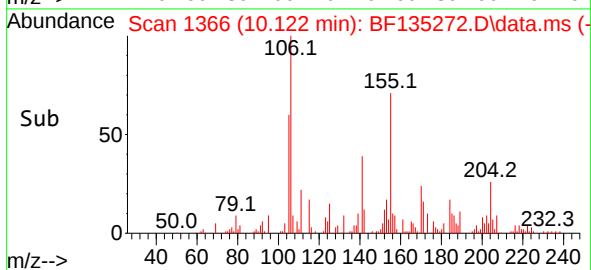
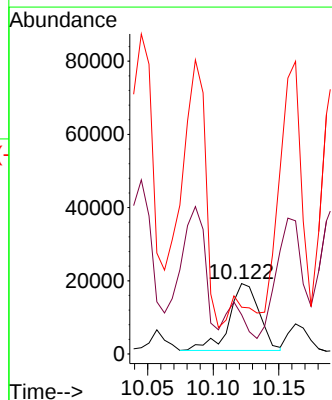
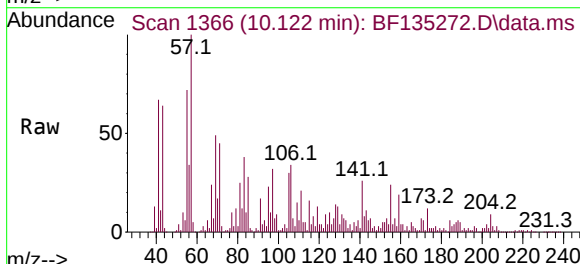
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

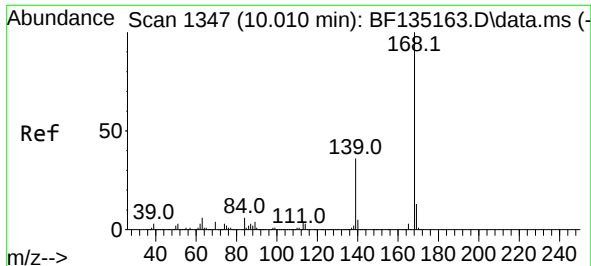
Tgt Ion:138 Resp: 3440  
Ion Ratio Lower Upper  
138 100  
108 67.0 8.5 12.7#  
92 65.8 95.4 143.0#



#54  
2,4-Dinitrophenol  
Concen: 38.851 ng  
RT: 10.122 min Scan# 1366  
Delta R.T. 0.248 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:184 Resp: 29258  
Ion Ratio Lower Upper  
184 100  
63 55.6 55.1 82.7  
154 66.3 48.4 72.6

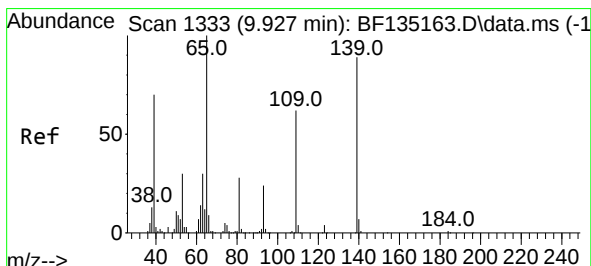
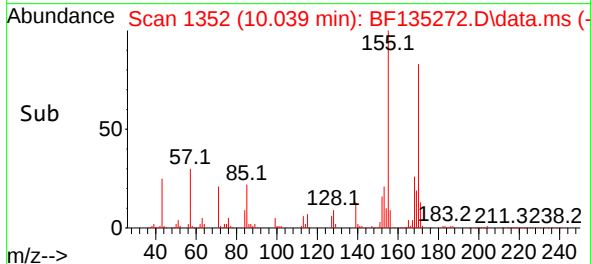
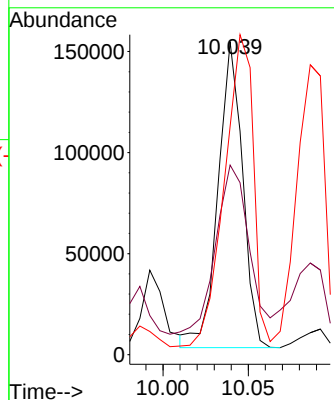
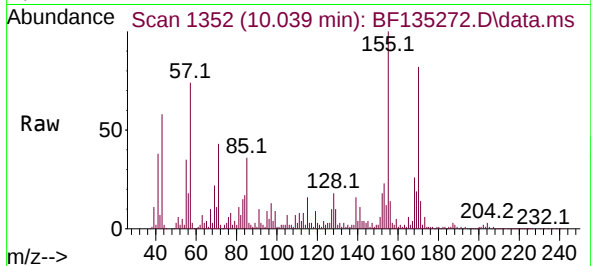




#55  
Dibenzofuran  
Concen: 18.372 ng  
RT: 10.039 min Scan# 1352  
Delta R.T. 0.030 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

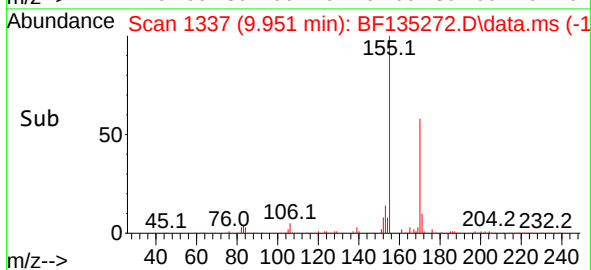
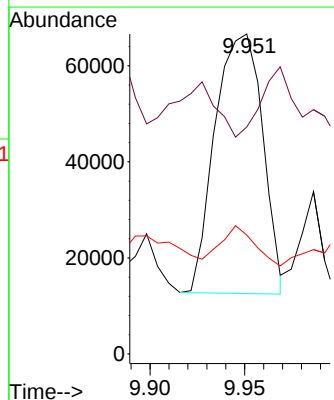
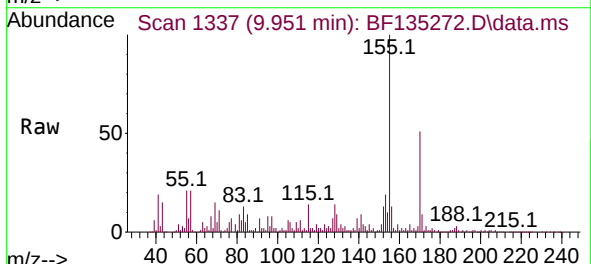
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

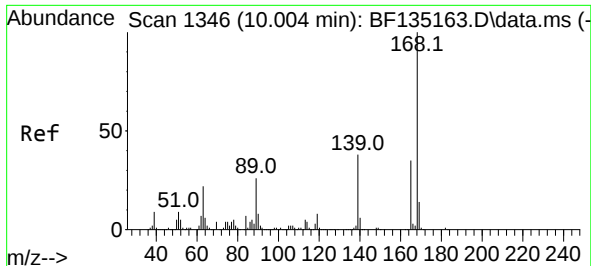
Tgt Ion:168 Resp: 151009  
Ion Ratio Lower Upper  
168 100  
139 60.6 29.0 43.6#  
169 72.9 10.4 15.6#



#56  
4-Nitrophenol  
Concen: 86.726 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.024 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:139 Resp: 94289  
Ion Ratio Lower Upper  
139 100  
109 70.9 49.8 89.8  
65 37.1 92.7 132.7#





#57

2,4-Dinitrotoluene

Concen: 29.396 ng

RT: 10.045 min Scan# 1410

Delta R.T. 0.041 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

Tgt Ion:165 Resp: 53632

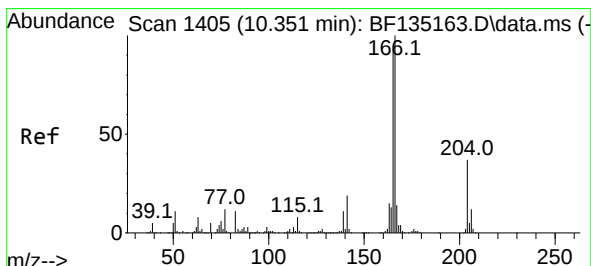
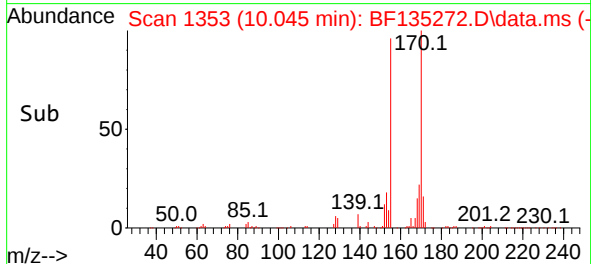
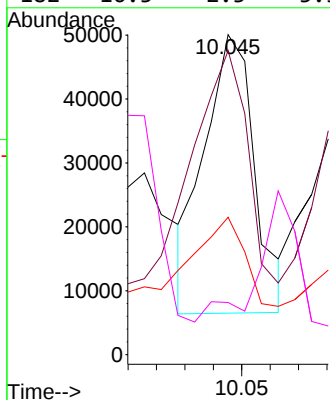
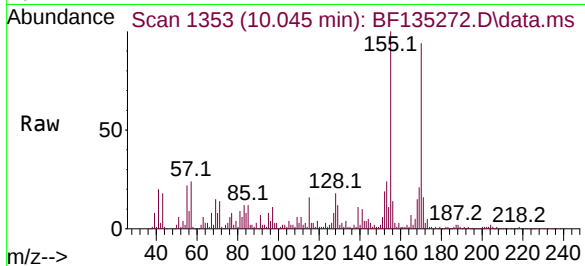
Ion Ratio Lower Upper

165 100

63 95.0 50.1 75.1#

89 43.0 59.3 88.9#

182 16.3 2.3 3.5#



#58

Fluorene

Concen: 53.940 ng

RT: 10.386 min Scan# 1411

Delta R.T. 0.035 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

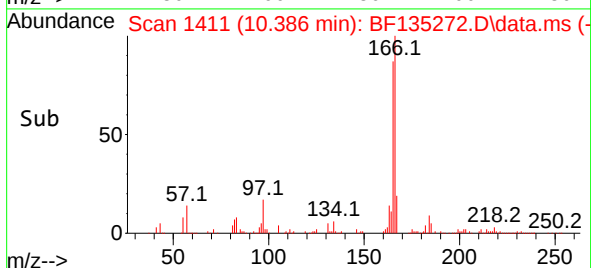
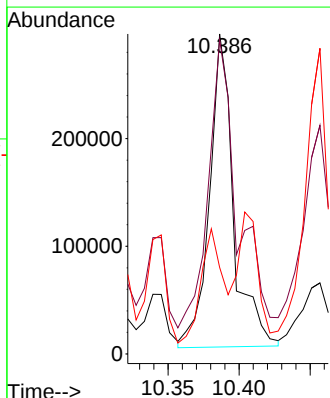
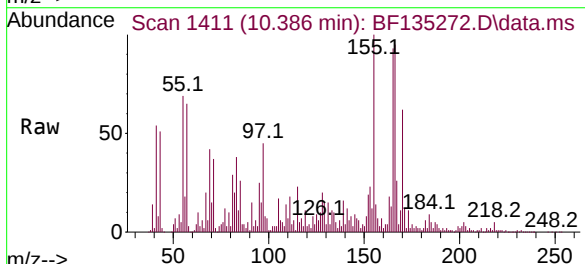
Tgt Ion:166 Resp: 340831

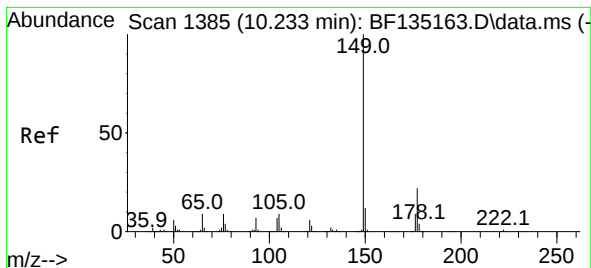
Ion Ratio Lower Upper

166 100

165 98.2 74.3 111.5

167 27.0 10.9 16.3#





#60

Diethylphthalate

Concen: 2.114 ng

RT: 10.304 min Scan# 11

Delta R.T. 0.071 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

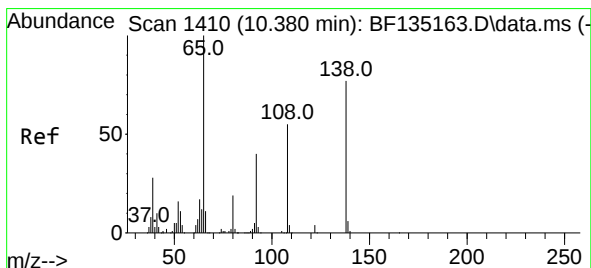
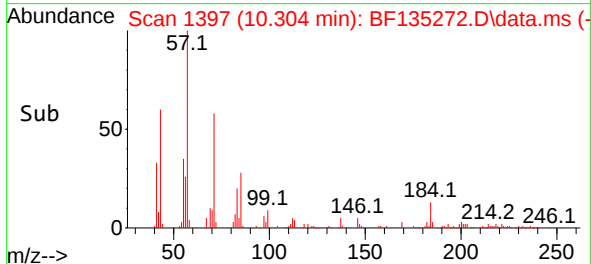
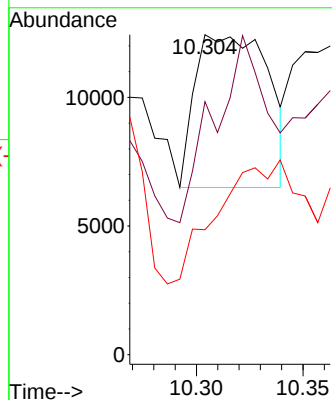
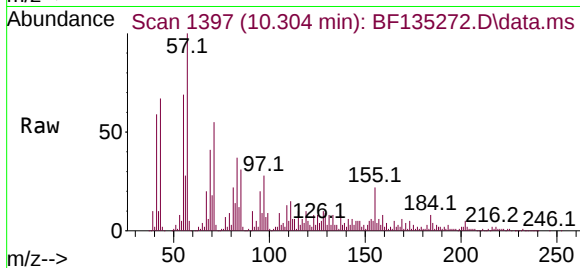
Tgt Ion:149 Resp: 14115

Ion Ratio Lower Upper

149 100

177 79.1 17.8 26.6#

150 39.1 10.0 15.0#



#62

4-Nitroaniline

Concen: 5.402 ng

RT: 10.298 min Scan# 1396

Delta R.T. -0.082 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

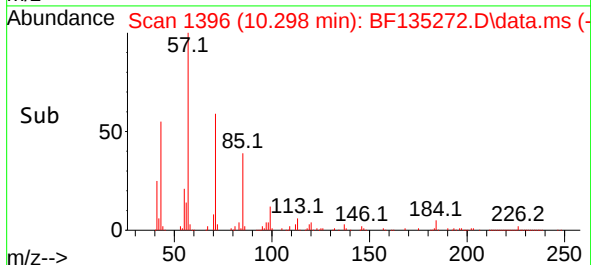
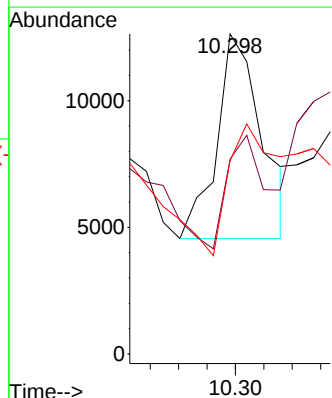
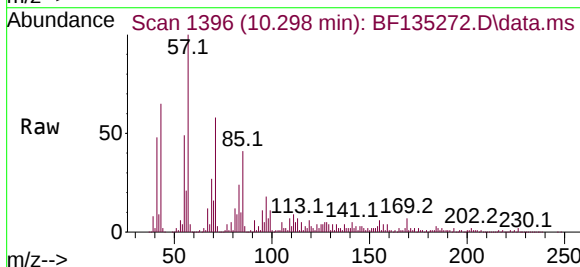
Tgt Ion:138 Resp: 8883

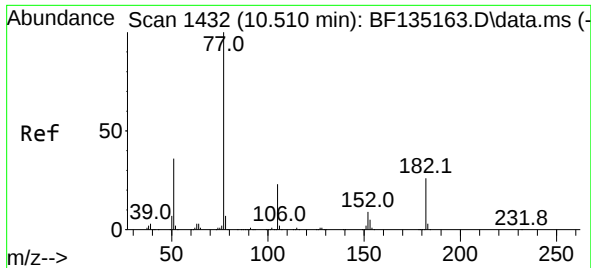
Ion Ratio Lower Upper

138 100

92 60.9 31.8 71.8

108 60.4 52.0 92.0

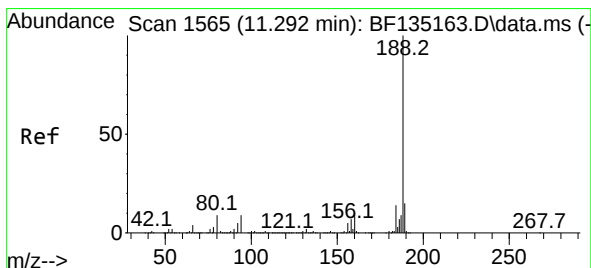
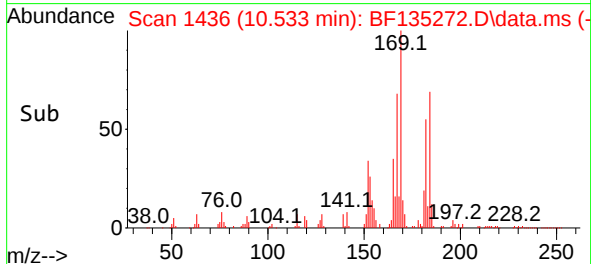
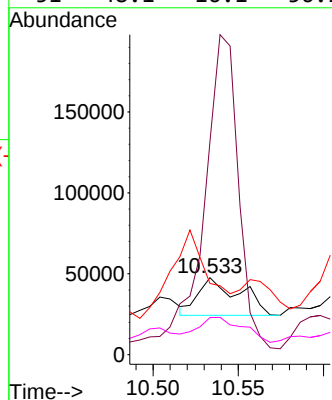
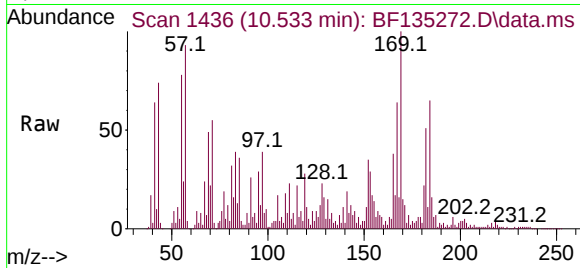




#63  
Azobenzene  
Concen: 5.964 ng  
RT: 10.533 min Scan# 1436  
Delta R.T. 0.024 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

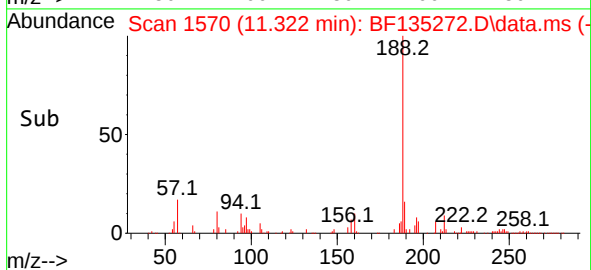
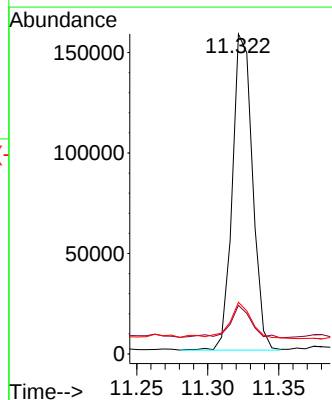
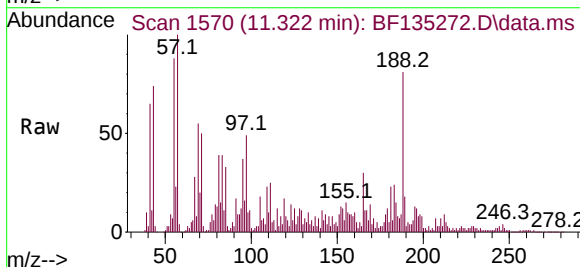
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

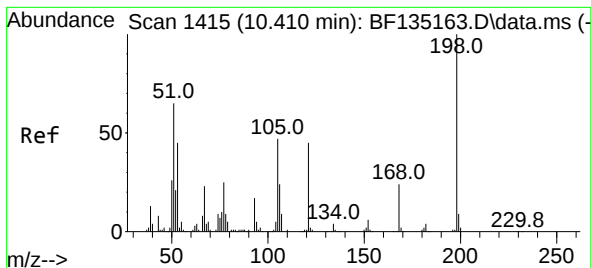
Tgt Ion: 77 Resp: 38971  
Ion Ratio Lower Upper  
77 100  
182 276.7 6.4 46.4#  
105 92.4 3.1 43.1#  
51 48.1 16.1 56.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 1570  
Delta R.T. 0.030 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion: 188 Resp: 155278  
Ion Ratio Lower Upper  
188 100  
94 15.2 7.0 10.6#  
80 16.2 7.5 11.3#

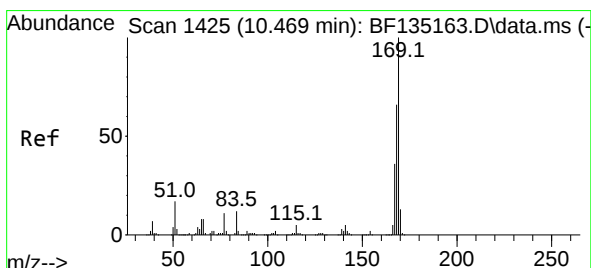
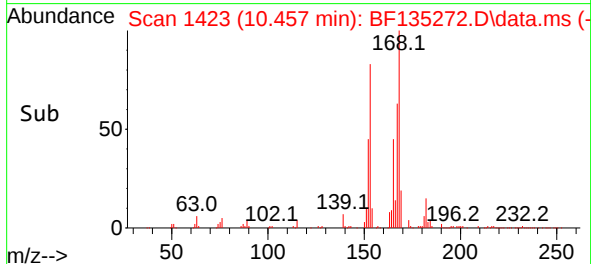
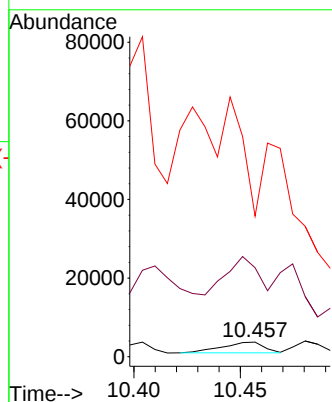
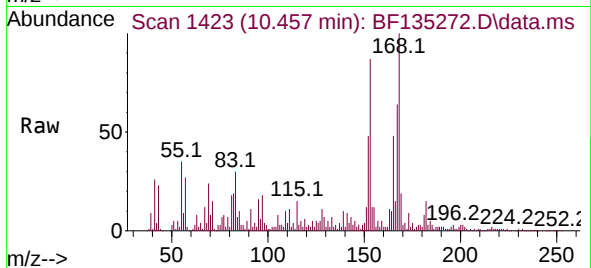




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.472 ng  
RT: 10.457 min Scan# 1415  
Delta R.T. 0.047 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

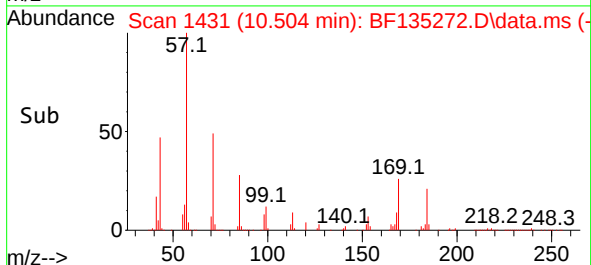
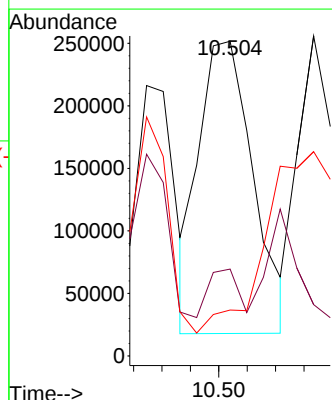
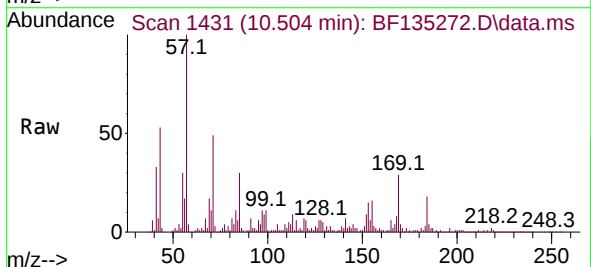
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

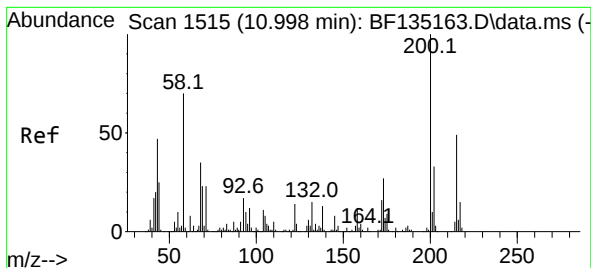
Tgt Ion:198 Resp: 3688  
Ion Ratio Lower Upper  
198 100  
51 608.9 47.7 87.7#  
105 961.2 27.4 67.4#



#66  
n-Nitrosodiphenylamine  
Concen: 65.961 ng  
RT: 10.504 min Scan# 1431  
Delta R.T. 0.035 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:169 Resp: 310080  
Ion Ratio Lower Upper  
169 100  
168 27.6 52.8 79.2#  
167 14.6 29.0 43.6#





#69

Atrazine

Concen: 7.152 ng

RT: 11.022 min Scan# 1519

Delta R.T. 0.024 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

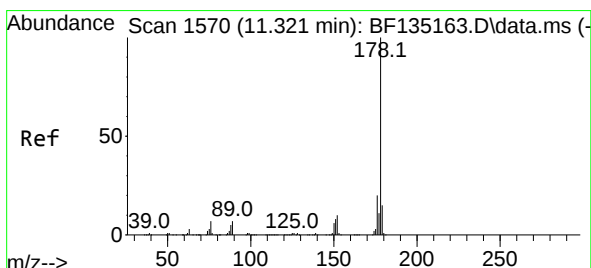
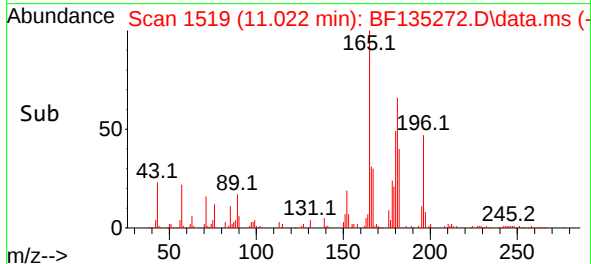
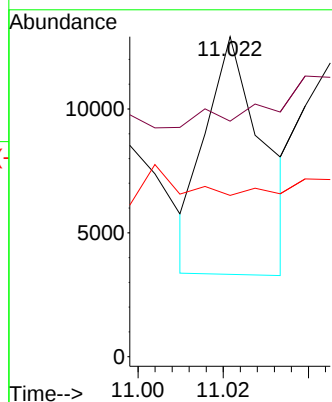
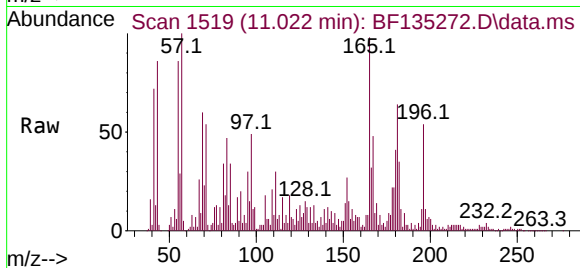
Tgt Ion:200 Resp: 9046

Ion Ratio Lower Upper

200 100

173 73.6 7.4 47.4#

215 50.4 28.6 68.6



#71

Phenanthrene

Concen: 108.001 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.030 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

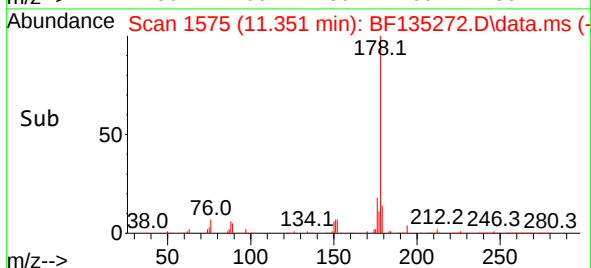
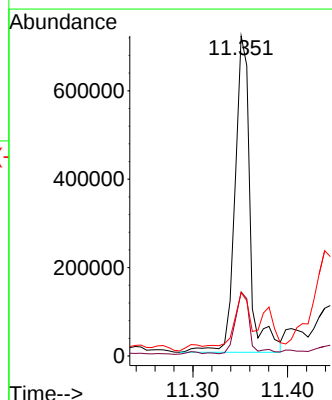
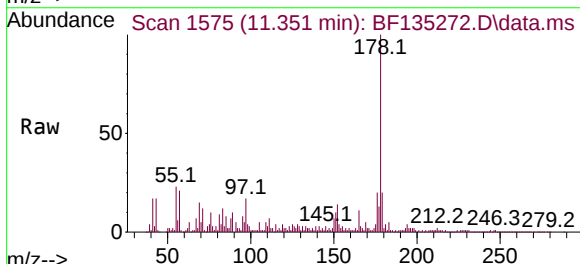
Tgt Ion:178 Resp: 793154

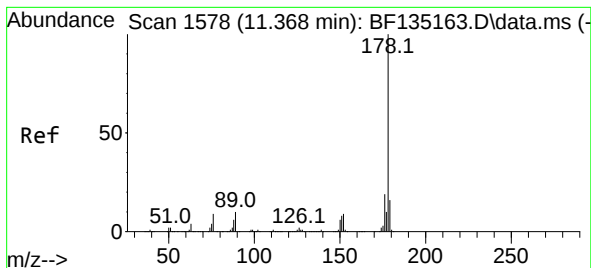
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

179 19.8 12.0 18.0#





#72

Anthracene

Concen: 8.845 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.035 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

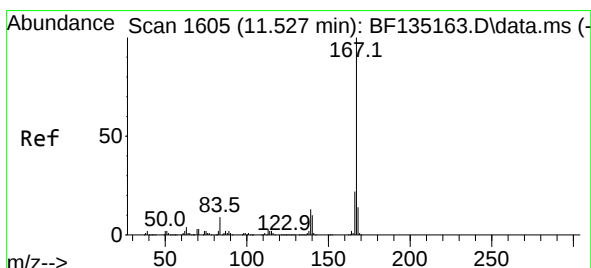
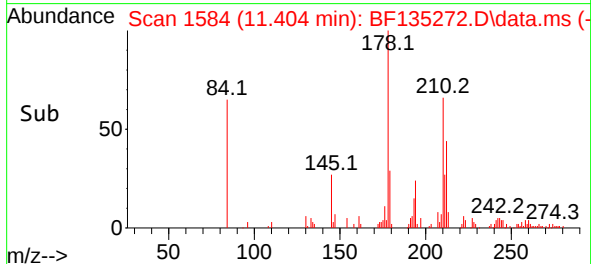
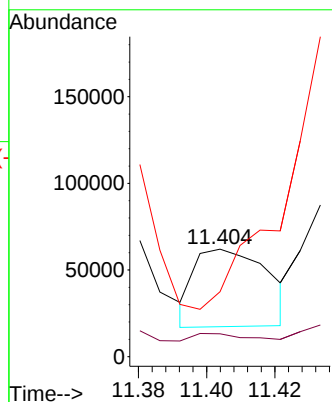
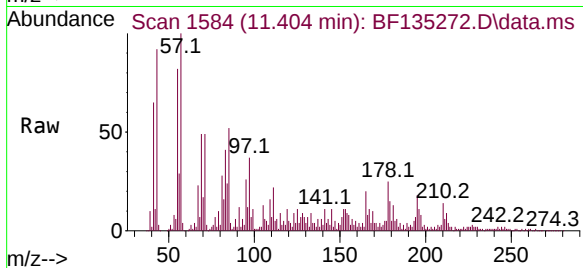
Tgt Ion:178 Resp: 66766

Ion Ratio Lower Upper

178 100

176 21.3 15.4 23.2

179 60.4 12.6 19.0#



#73

Carbazole

Concen: 4.562 ng

RT: 11.551 min Scan# 1609

Delta R.T. 0.024 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

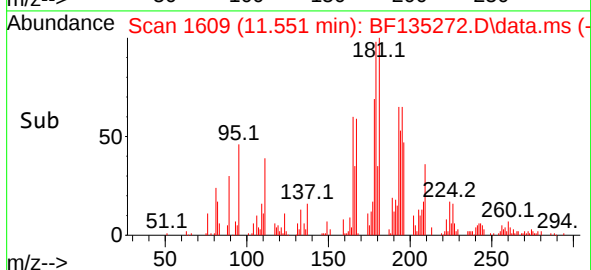
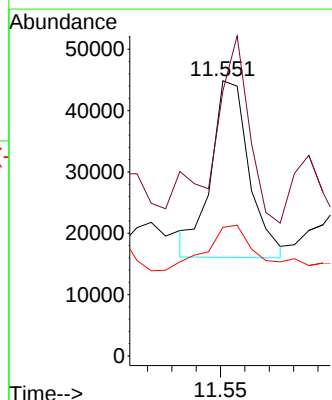
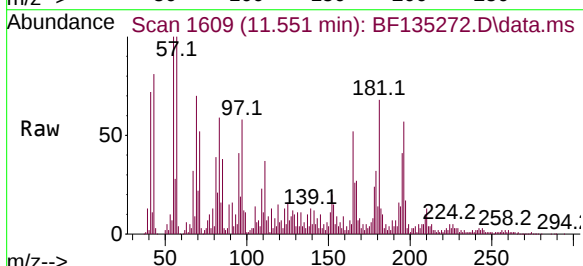
Tgt Ion:167 Resp: 31351

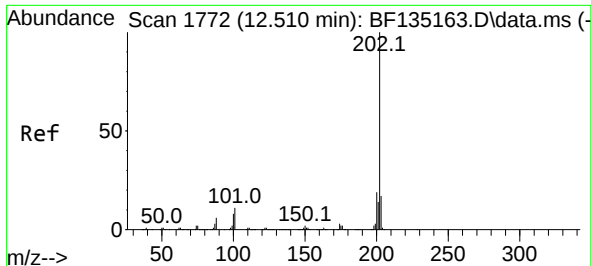
Ion Ratio Lower Upper

167 100

166 96.3 17.4 26.0#

139 46.8 10.6 15.8#

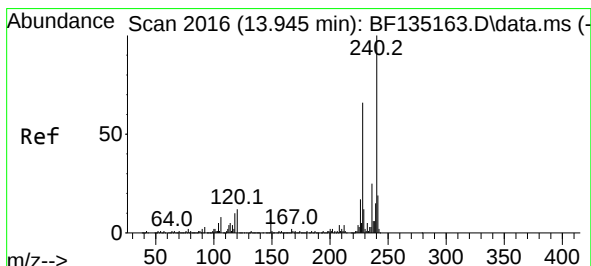
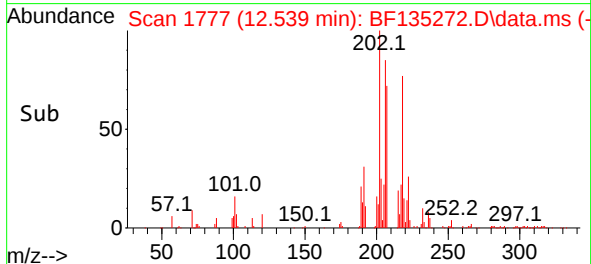
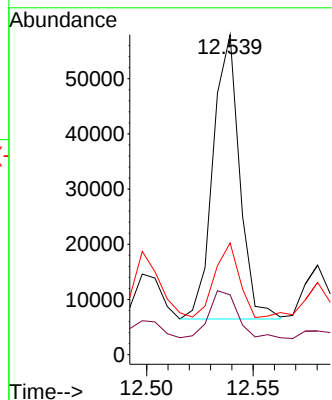
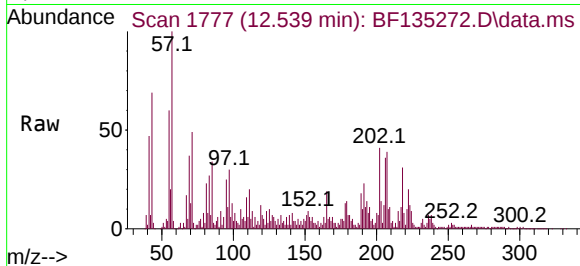




#75  
Fluoranthene  
Concen: 5.835 ng  
RT: 12.539 min Scan# 11  
Delta R.T. 0.030 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

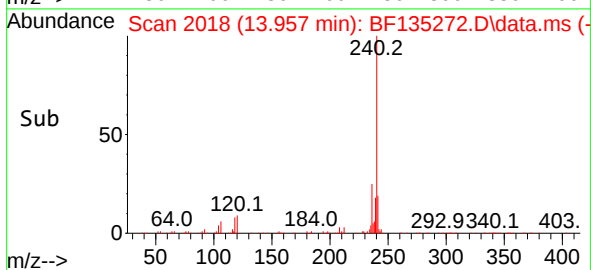
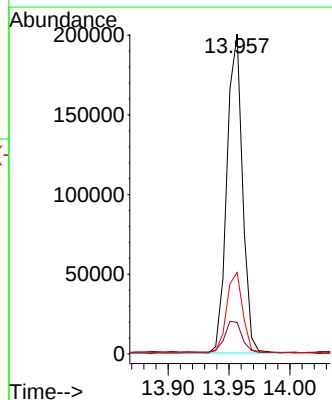
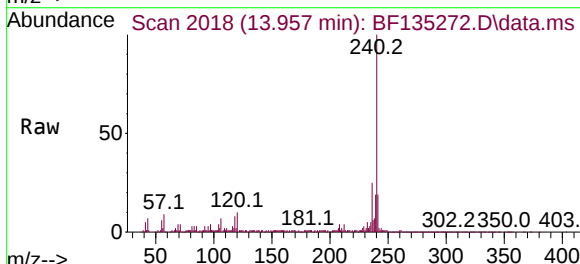
Instrument :  
BNA\_F  
ClientSampleId :  
WASTE

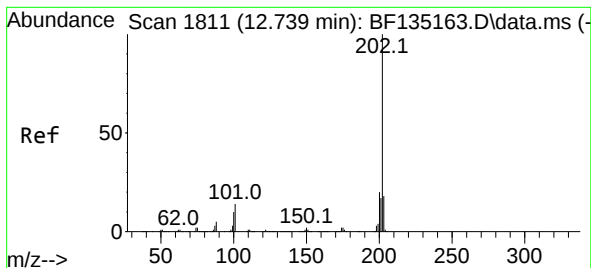
Tgt Ion:202 Resp: 44655  
Ion Ratio Lower Upper  
202 100  
101 18.7 0.0 31.3  
203 34.9 0.0 37.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. 0.012 min  
Lab File: BF135272.D  
Acq: 15 Sep 2023 00:52

Tgt Ion:240 Resp: 178362  
Ion Ratio Lower Upper  
240 100  
120 9.9 9.4 14.2  
236 25.4 19.8 29.8





#78

Pyrene

Concen: 10.118 ng

RT: 12.763 min Scan# 1815

Delta R.T. 0.024 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE

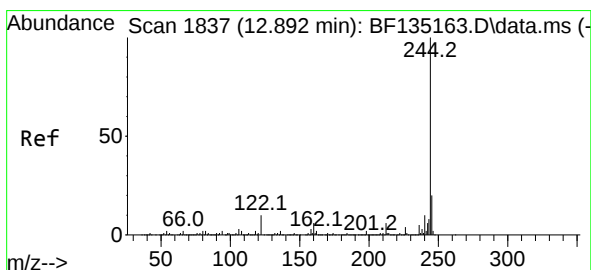
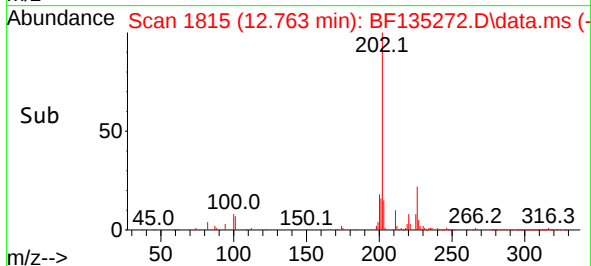
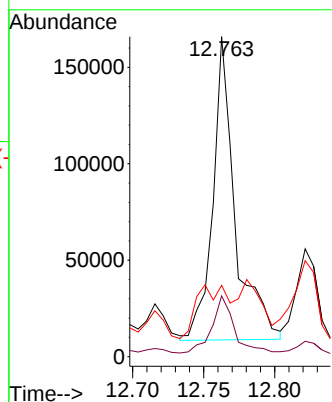
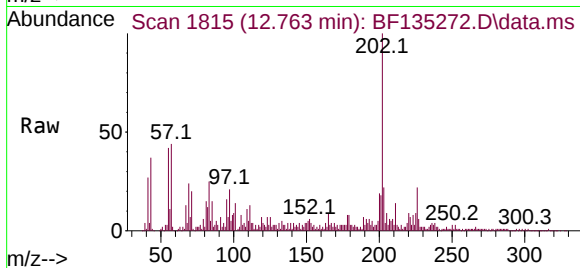
Tgt Ion:202 Resp: 171816

Ion Ratio Lower Upper

202 100

200 19.0 16.2 24.2

203 22.3 14.2 21.4#



#79

Terphenyl-d14

Concen: 9.165 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.012 min

Lab File: BF135272.D

Acq: 15 Sep 2023 00:52

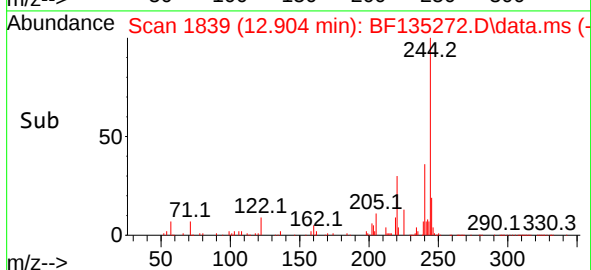
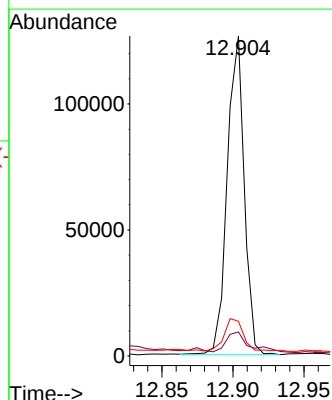
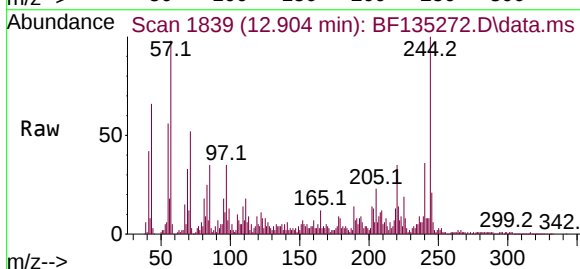
Tgt Ion:244 Resp: 105447

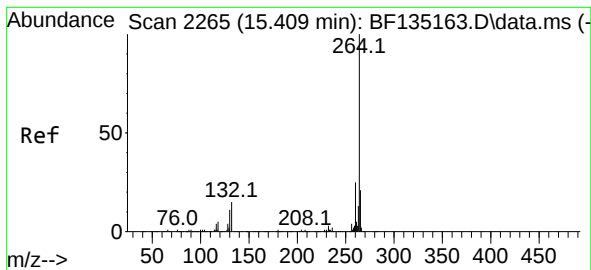
Ion Ratio Lower Upper

244 100

212 7.5 5.1 7.7

122 10.9 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135272.D

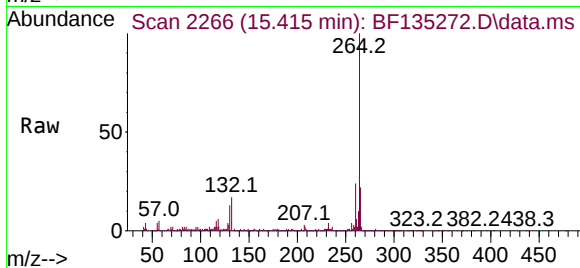
Acq: 15 Sep 2023 00:52

Instrument :

BNA\_F

ClientSampleId :

WASTE



Tgt Ion:264 Resp: 155175

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.7 17.0 25.4

