

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083123\  
 Data File : BF135050.D  
 Acq On : 31 Aug 2023 19:54  
 Operator : CG\JU  
 Sample : 04189-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-06(16-18)

Quant Time: Sep 01 01:51:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 03:48:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.786  | 152  | 68693    | 20.000  | ng    | 0.01     |
| 21) Naphthalene-d8            | 8.092  | 136  | 149857   | 20.000  | ng    | # 0.04   |
| 39) Acenaphthene-d10          | 9.863  | 164  | 101241   | 20.000  | ng    | 0.05     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 287489   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.957 | 240  | 175177   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.421 | 264  | 217885   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.398  | 112  | 585519   | 131.659 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.410  | 99   | 679899   | 122.654 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 375956   | 140.944 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.627 | 330  | 125196   | 116.575 | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 9.180  | 172  | 370033   | 59.507  | ng    | 0.04     |
| 79) Terphenyl-d14             | 12.904 | 244  | 548724   | 51.118  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 6) Aniline                    | 6.457  | 93   | 15029    | 2.187   | ng    | # 1      |
| 9) Benzaldehyde               | 6.328  | 77   | 41784    | 14.793  | ng    | # 5      |
| 15) Benzyl Alcohol            | 6.892  | 79   | 54446    | 14.336  | ng    | # 57     |
| 18) Hexachloroethane          | 7.369  | 117  | 914808   | 530.080 | ng    | # 44     |
| 19) n-Nitroso-di-n-propyla... | 7.228  | 70   | 135574   | 41.175  | ng    | # 72     |
| 20) 3+4-Methylphenols         | 7.216  | 107  | 17047    | 3.670   | ng    | # 1      |
| 22) Acetophenone              | 7.133  | 105  | 574355   | 172.311 | ng    | # 63     |
| 24) Nitrobenzene              | 7.445  | 77   | 86305    | 31.542  | ng    | # 59     |
| 25) Isophorone                | 7.633  | 82   | 365602   | 72.291  | ng    | # 1      |
| 26) 2-Nitrophenol             | 7.657  | 139  | 22521    | 16.659  | ng    | # 1      |
| 27) 2,4-Dimethylphenol        | 7.751  | 122  | 58270    | 26.773  | ng    | # 4      |
| 28) bis(2-Chloroethoxy)met... | 7.851  | 93   | 27151    | 8.900   | ng    | # 1      |
| 29) 2,4-Dichlorophenol        | 7.939  | 162  | 54679    | 26.434  | ng    | # 1      |
| 30) 1,2,4-Trichlorobenzene    | 7.992  | 180  | 10907    | 4.879   | ng    | # 63     |
| 31) Naphthalene               | 8.098  | 128  | 146320   | 19.988  | ng    | # 1      |
| 32) Benzoic acid              | 7.892  | 122  | 54623    | 31.374  | ng    | # 28     |
| 33) 4-Chloroaniline           | 8.151  | 127  | 43256    | 13.509  | ng    | # 1      |
| 35) Caprolactam               | 8.563  | 113  | 410915   | 606.706 | ng    | # 8      |
| 36) 4-Chloro-3-methylphenol   | 8.645  | 107  | 53494    | 23.810  | ng    | # 25     |
| 37) 2-Methylnaphthalene       | 8.833  | 142  | 1809030  | 370.367 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 8.933  | 142  | 1379392  | 301.821 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 9.104  | 196  | 17972    | 9.442   | ng    | # 11     |
| 44) 2,4,5-Trichlorophenol     | 9.104  | 196  | 17342    | 7.870   | ng    | # 1      |
| 46) 1,1'-Biphenyl             | 9.022  | 154  | 32073    | 4.146   | ng    | 79       |
| 48) 2-Nitroaniline            | 9.416  | 65   | 21784    | 10.940  | ng    | # 1      |
| 49) Acenaphthylene            | 9.727  | 152  | 52652    | 5.988   | ng    | # 1      |
| 50) Dimethylphthalate         | 9.574  | 163  | 33002    | 4.655   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.639  | 165  | 37201    | 23.916  | ng    | # 79     |
| 52) Acenaphthene              | 9.892  | 154  | 40266    | 7.186   | ng    | # 17     |
| 53) 3-Nitroaniline            | 9.816  | 138  | 20298    | 11.202  | ng    | # 40     |
| 54) 2,4-Dinitrophenol         | 9.892  | 184  | 1898     | 2.553   | ng    | # 1      |
| 55) Dibenzofuran              | 10.057 | 168  | 117675   | 14.558  | ng    | # 24     |
| 56) 4-Nitrophenol             | 10.004 | 139  | 7890     | 6.195   | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 10.063 | 165  | 26889    | 13.871  | ng    | # 61     |
| 58) Fluorene                  | 10.392 | 166  | 175559   | 28.489  | ng    | # 89     |
| 62) 4-Nitroaniline            | 10.304 | 138  | 14609    | 8.240   | ng    | 90       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083123\  
Data File : BF135050.D  
Acq On : 31 Aug 2023 19:54  
Operator : CG\JU  
Sample : 04189-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

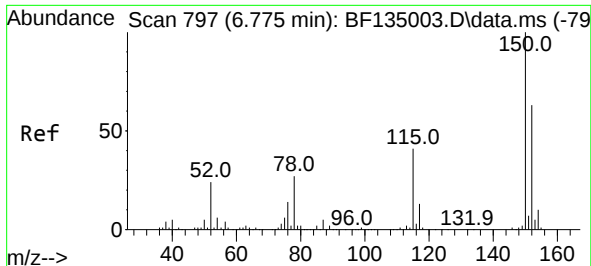
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

Quant Time: Sep 01 01:51:29 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 31 03:48:08 2023  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| 66) n-Nitrosodiphenylamine | 10.474 | 169  | 83348    | 9.324  | ng    | # 70     |
| 71) Phenanthrene           | 11.339 | 178  | 209439   | 14.121 | ng    | # 95     |

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

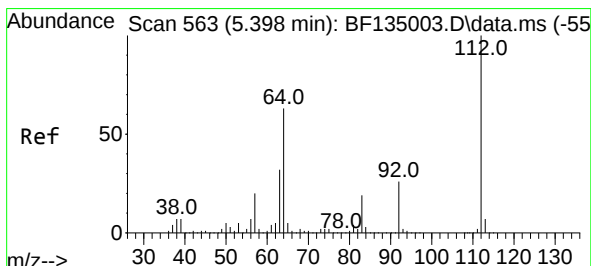
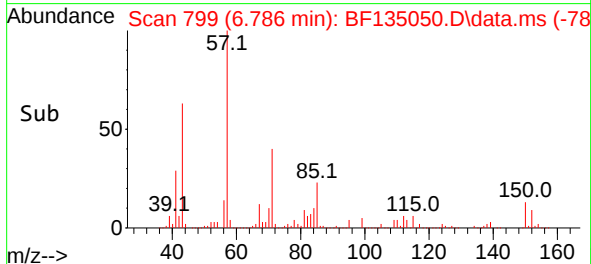
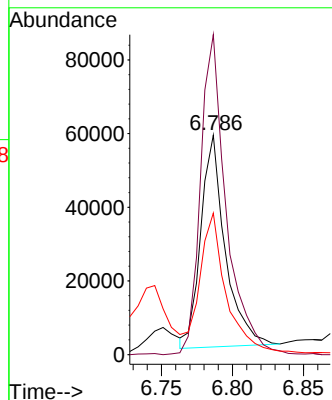
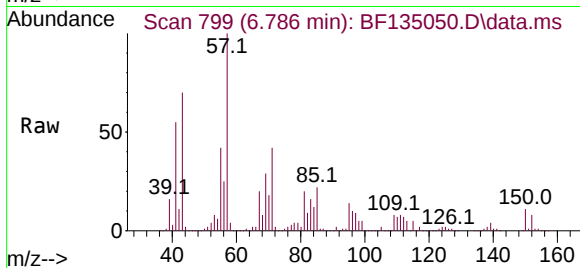




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.786 min Scan# 797  
 Delta R.T. 0.011 min  
 Lab File: BF135050.D  
 Acq: 31 Aug 2023 19:54

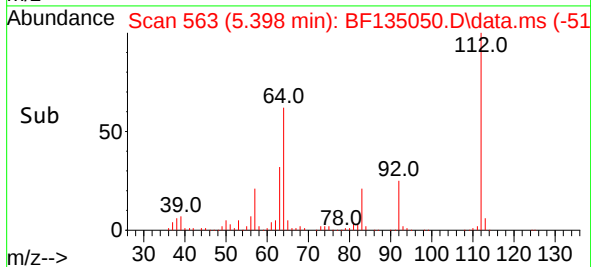
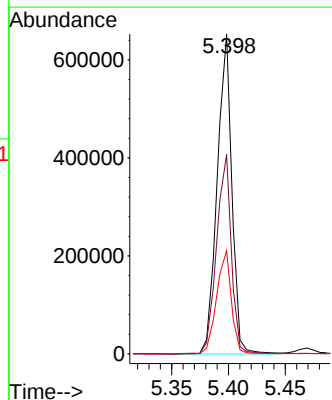
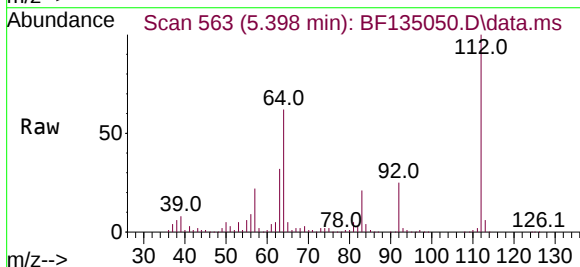
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-06(16-18)

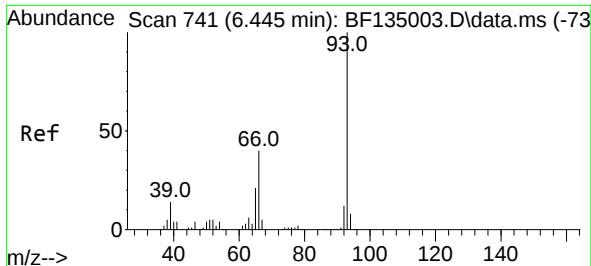
Tgt Ion:152 Resp: 68693  
 Ion Ratio Lower Upper  
 152 100  
 150 145.8 126.2 189.4  
 115 64.5 51.2 76.8



#5  
 2-Fluorophenol  
 Concen: 131.659 ng  
 RT: 5.398 min Scan# 563  
 Delta R.T. -0.000 min  
 Lab File: BF135050.D  
 Acq: 31 Aug 2023 19:54

Tgt Ion:112 Resp: 585519  
 Ion Ratio Lower Upper  
 112 100  
 64 62.3 50.5 75.7  
 63 32.3 25.9 38.9





#6

Aniline

Concen: 2.187 ng

RT: 6.457 min Scan# 741

Delta R.T. 0.012 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

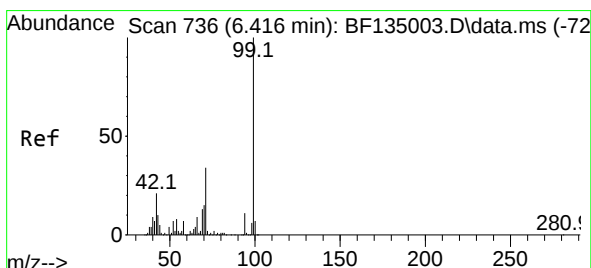
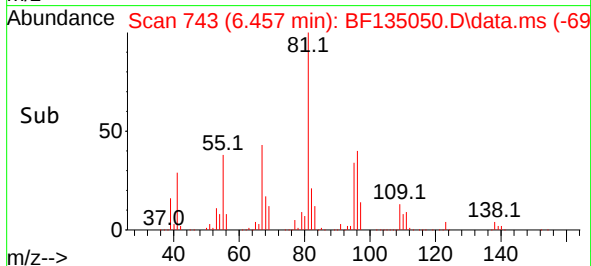
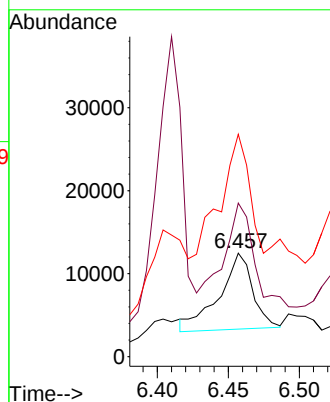
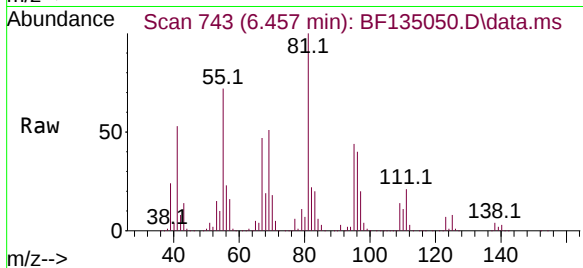
Tgt Ion: 93 Resp: 15029

Ion Ratio Lower Upper

93 100

66 148.4 32.4 48.6#

65 214.9 16.6 24.8#



#7

Phenol-d6

Concen: 122.654 ng

RT: 6.410 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

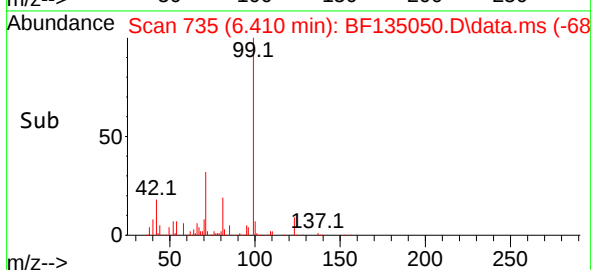
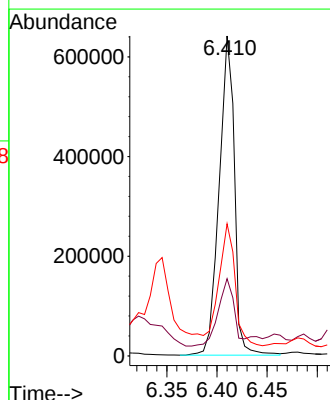
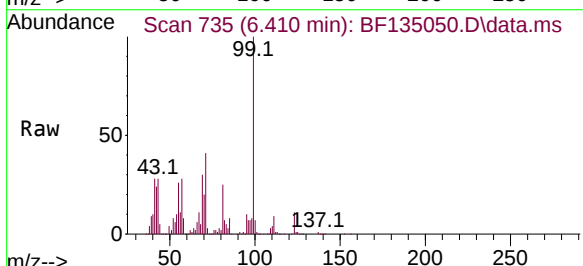
Tgt Ion: 99 Resp: 679899

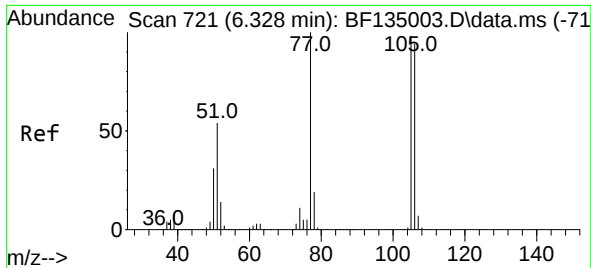
Ion Ratio Lower Upper

99 100

42 24.2 16.6 25.0

71 41.3 27.0 40.6#





#9

Benzaldehyde

Concen: 14.793 ng

RT: 6.328 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

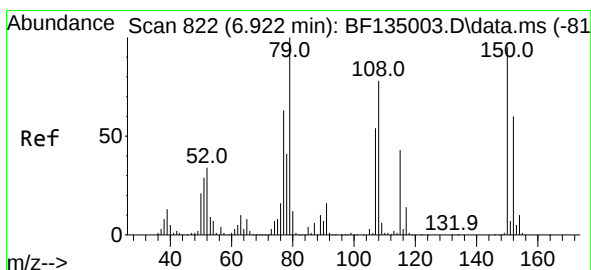
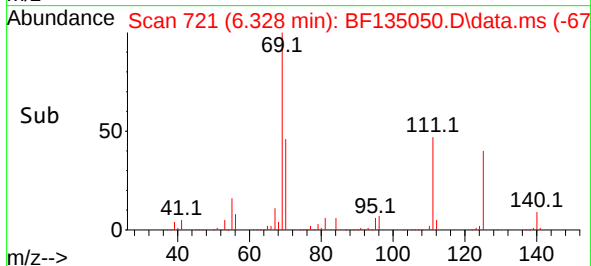
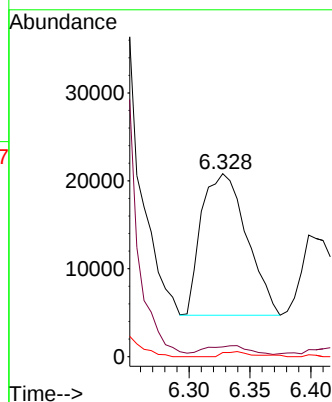
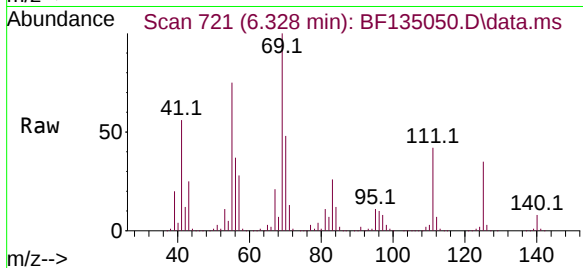
Tgt Ion: 77 Resp: 41784

Ion Ratio Lower Upper

77 100

105 5.3 78.4 118.4#

106 2.2 74.3 114.3#



#15

Benzyl Alcohol

Concen: 14.336 ng

RT: 6.892 min Scan# 817

Delta R.T. -0.029 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

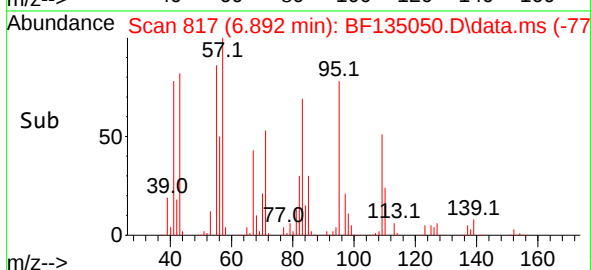
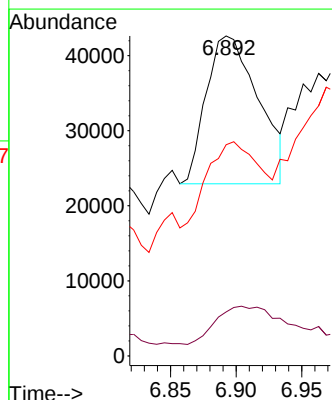
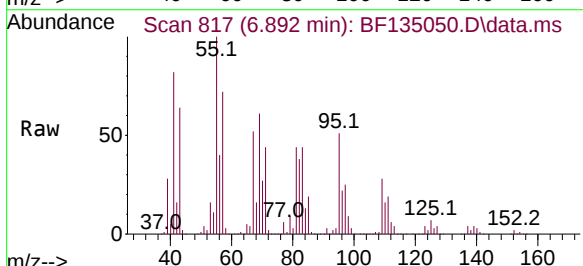
Tgt Ion: 79 Resp: 54446

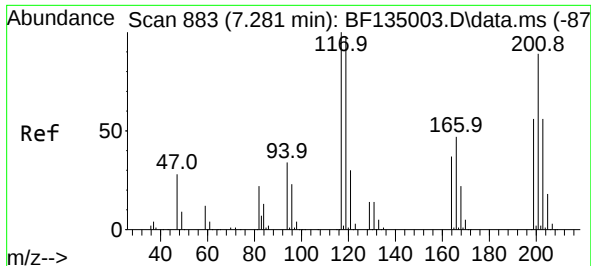
Ion Ratio Lower Upper

79 100

108 13.7 62.5 93.7#

77 66.0 50.4 75.6

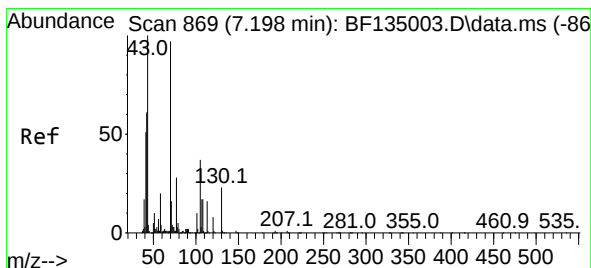
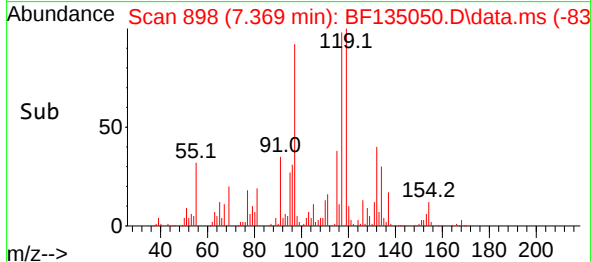
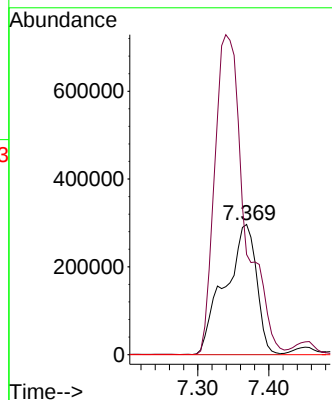
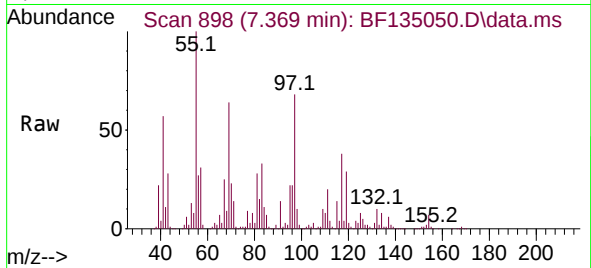




#18  
Hexachloroethane  
Concen: 530.080 ng  
RT: 7.369 min Scan# 89  
Delta R.T. 0.088 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

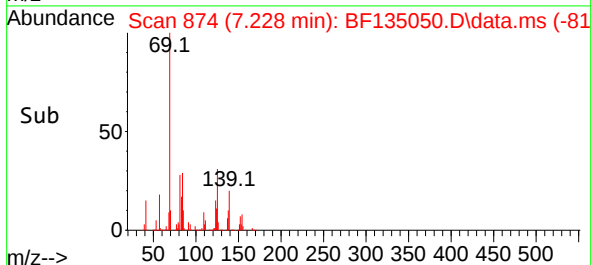
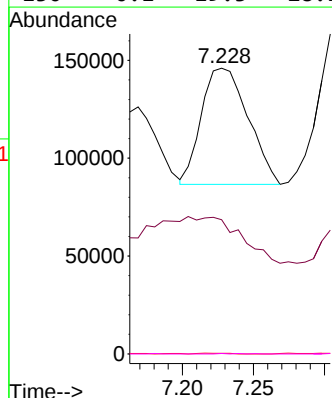
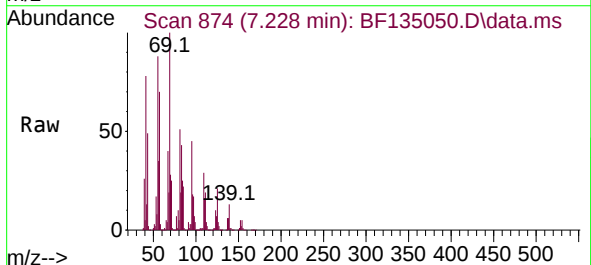
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

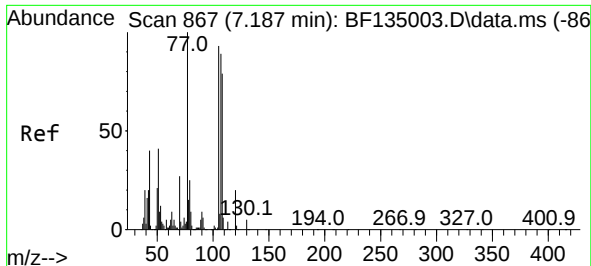
Tgt Ion:117 Resp: 914808  
Ion Ratio Lower Upper  
117 100  
119 76.9 77.4 116.2#  
201 0.0 71.4 107.2#



#19  
n-Nitroso-di-n-propylamine  
Concen: 41.175 ng  
RT: 7.228 min Scan# 874  
Delta R.T. 0.029 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion: 70 Resp: 135574  
Ion Ratio Lower Upper  
70 100  
42 47.0 50.2 75.4#  
101 0.2 8.1 12.1#  
130 0.1 19.3 28.9#

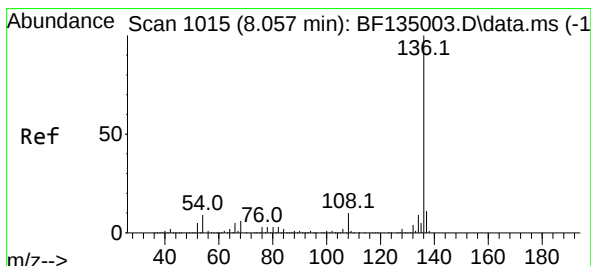
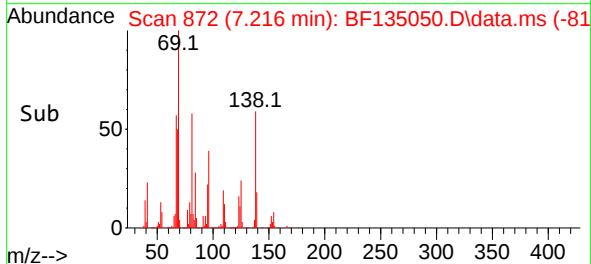
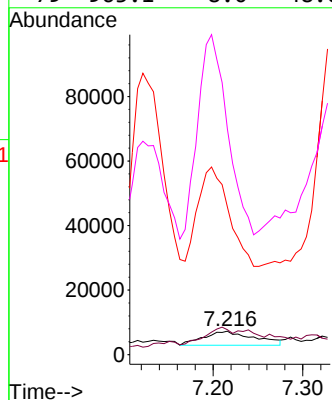
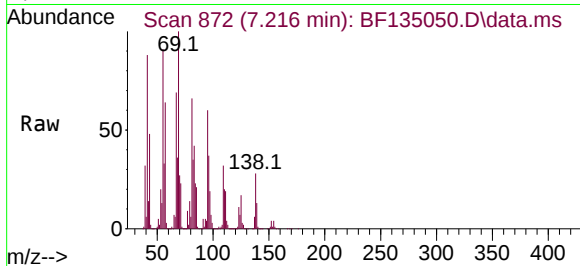




#20  
3+4-Methylphenols  
Concen: 3.670 ng  
RT: 7.216 min Scan# 81  
Delta R.T. 0.029 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

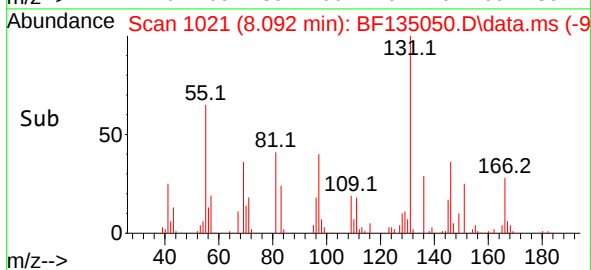
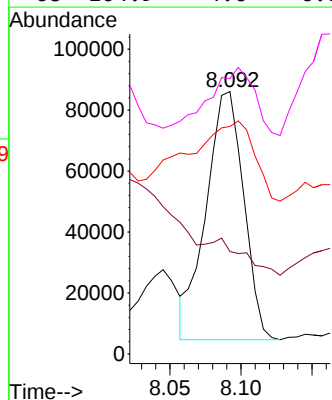
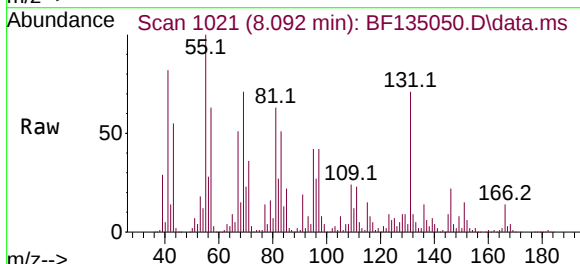
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

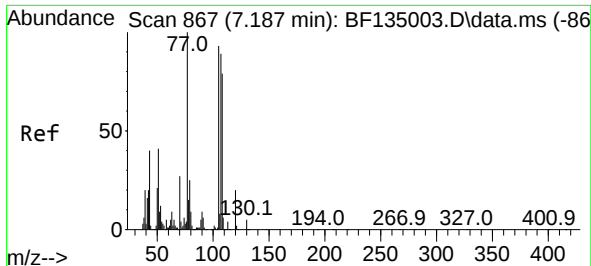
Tgt Ion:107 Resp: 17047  
Ion Ratio Lower Upper  
107 100  
108 106.6 68.6 108.6  
77 630.0 92.3 132.3#  
79 963.1 8.0 48.0#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.035 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

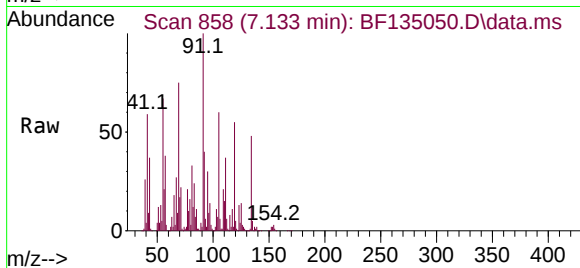
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Ion Ratio Lower Upper  
136 100  
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54 86.7 7.0 10.4#  
68 104.9 4.6 6.8#



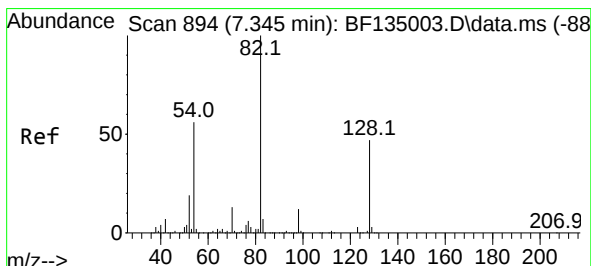
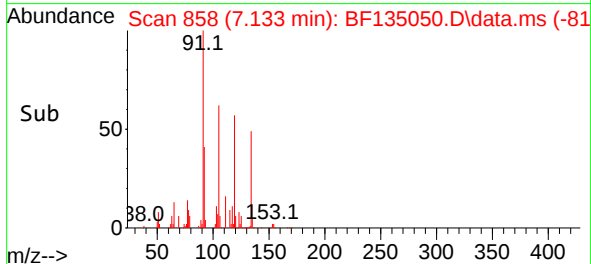
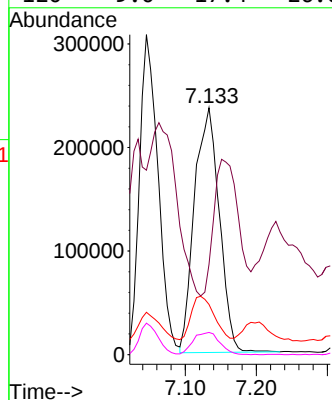


#22  
Acetophenone  
Concen: 172.311 ng  
RT: 7.133 min Scan# 81  
Delta R.T. -0.053 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

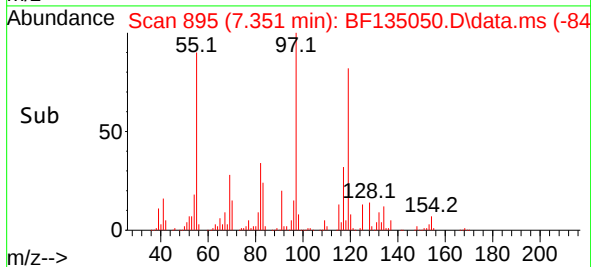
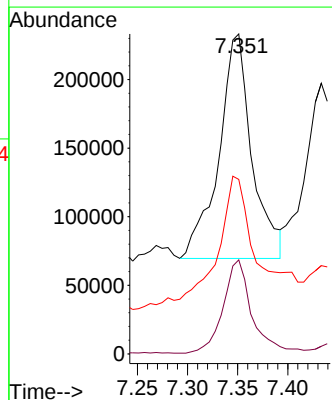
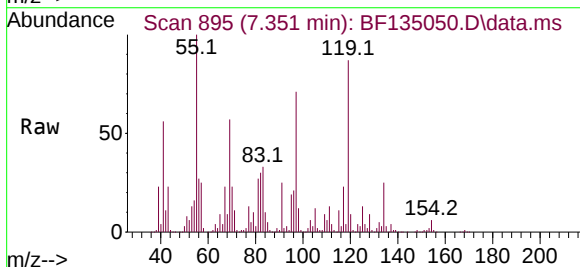


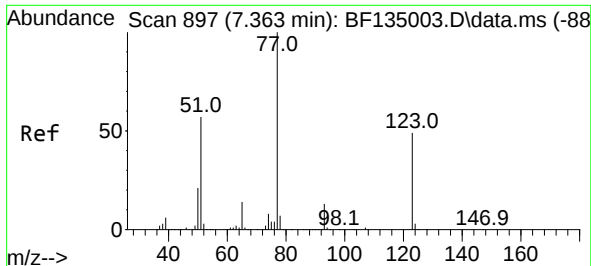
Tgt Ion:105 Resp: 574355  
Ion Ratio Lower Upper  
105 100  
71 36.5 3.8 5.6#  
51 20.3 35.0 52.6#  
120 9.0 17.4 26.0#



#23  
Nitrobenzene-d5  
Concen: 140.944 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion: 82 Resp: 375956  
Ion Ratio Lower Upper  
82 100  
128 29.4 37.8 56.8#  
54 54.5 45.0 67.6

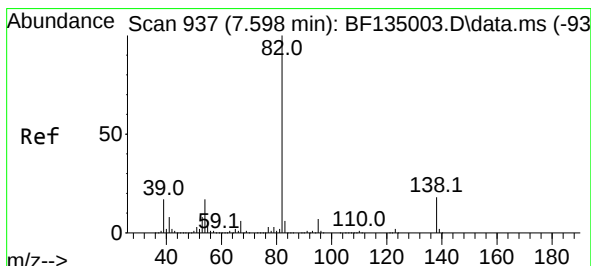
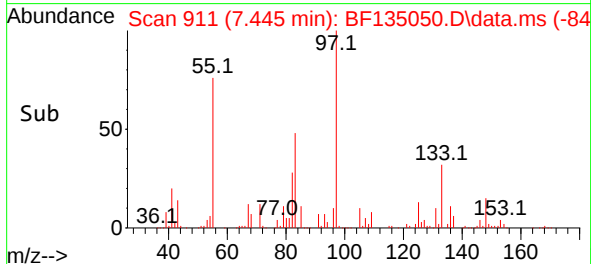
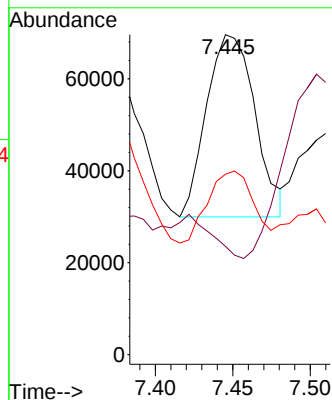
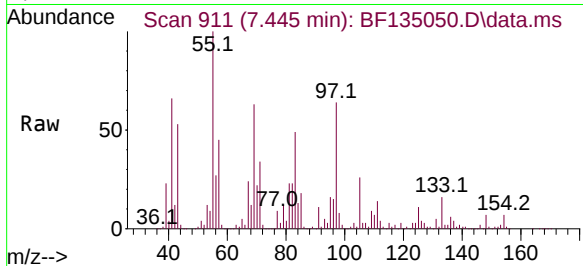




#24  
Nitrobenzene  
Concen: 31.542 ng  
RT: 7.445 min Scan# 911  
Delta R.T. 0.082 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

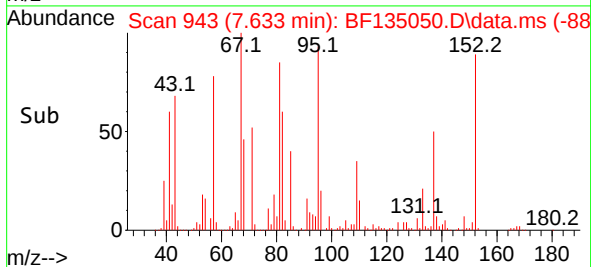
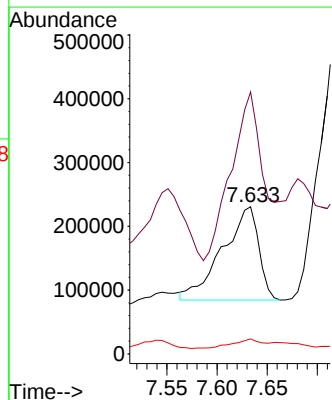
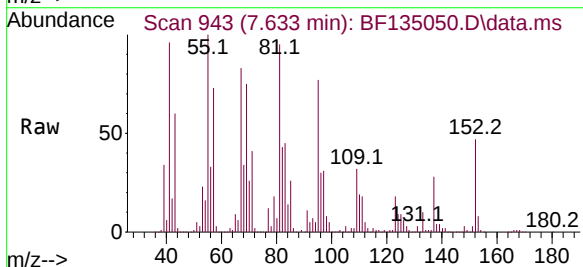
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

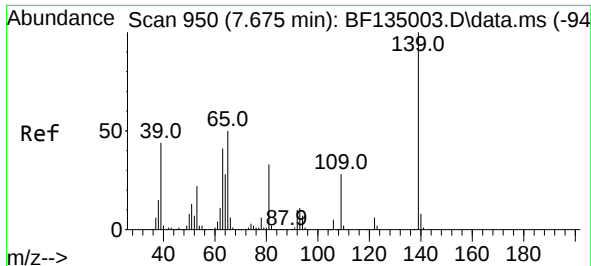
Tgt Ion: 77 Resp: 86305  
Ion Ratio Lower Upper  
77 100  
123 33.8 39.4 59.2#  
65 56.4 11.4 17.2#



#25  
Isophorone  
Concen: 72.291 ng  
RT: 7.633 min Scan# 943  
Delta R.T. 0.035 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion: 82 Resp: 365602  
Ion Ratio Lower Upper  
82 100  
95 178.1 5.6 8.4#  
138 10.2 14.7 22.1#

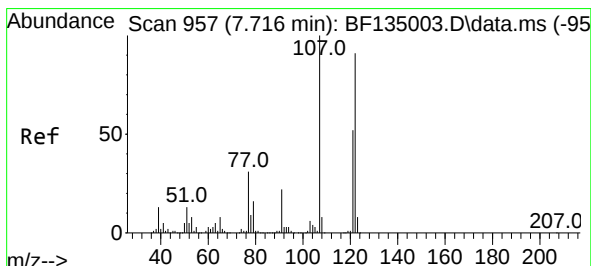
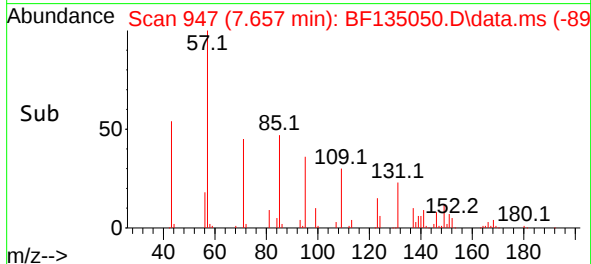
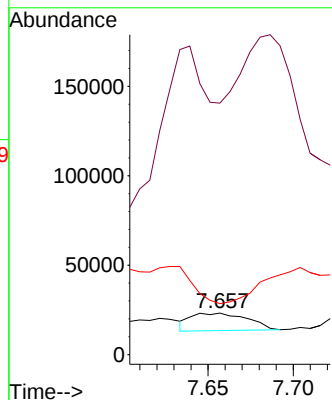
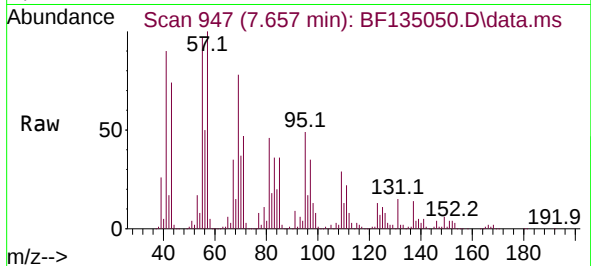




#26  
2-Nitrophenol  
Concen: 16.659 ng  
RT: 7.657 min Scan# 94  
Delta R.T. -0.018 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

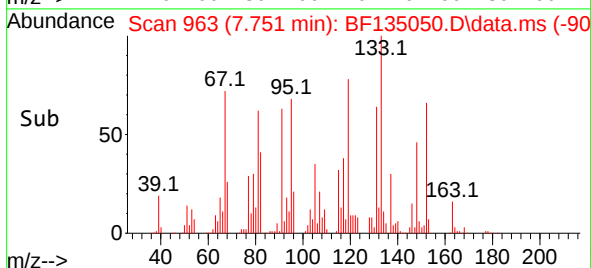
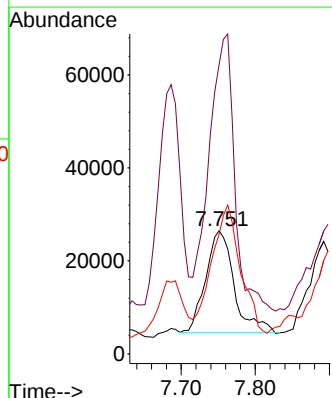
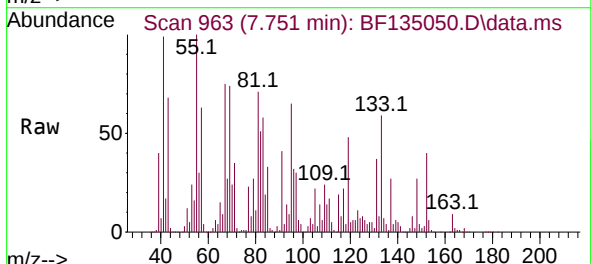
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

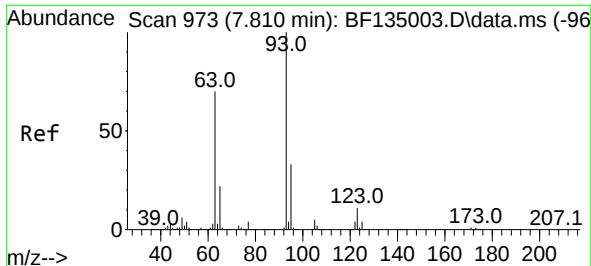
Tgt Ion:139 Resp: 22521  
Ion Ratio Lower Upper  
139 100  
109 605.4 22.6 34.0#  
65 122.7 40.3 60.5#



#27  
2,4-Dimethylphenol  
Concen: 26.773 ng  
RT: 7.751 min Scan# 963  
Delta R.T. 0.035 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion:122 Resp: 58270  
Ion Ratio Lower Upper  
122 100  
107 234.8 87.8 131.8#  
121 97.1 46.0 69.0#





#28

bis(2-Chloroethoxy)methane

Concen: 8.900 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.041 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

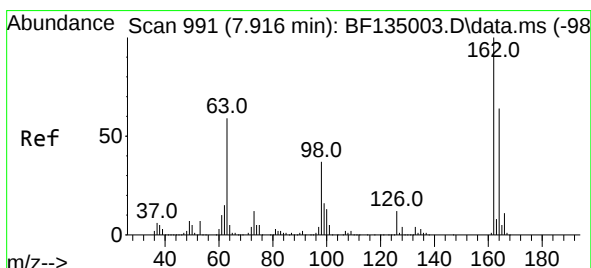
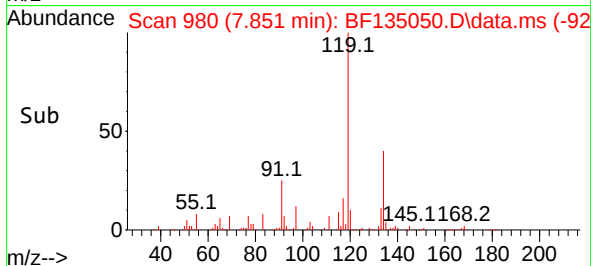
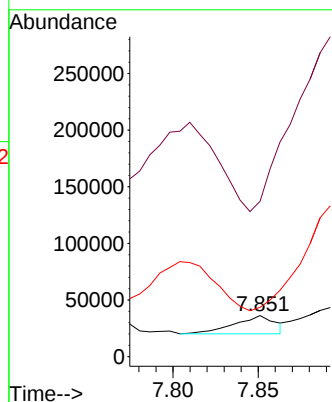
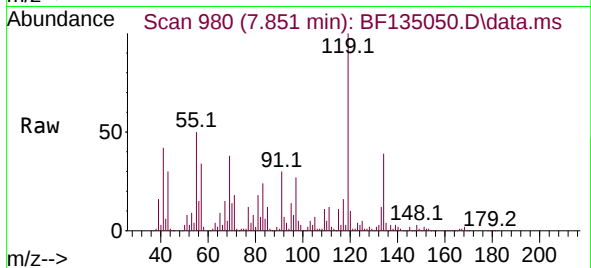
Tgt Ion: 93 Resp: 27151

Ion Ratio Lower Upper

93 100

95 378.3 26.0 39.0#

123 120.0 9.2 13.8#



#29

2,4-Dichlorophenol

Concen: 26.434 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.023 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

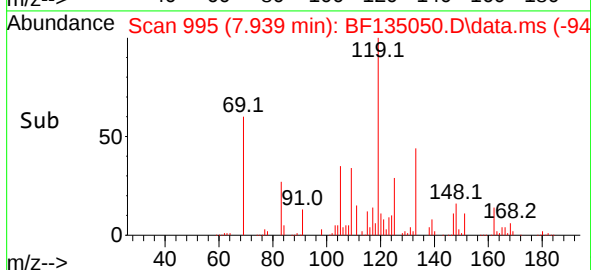
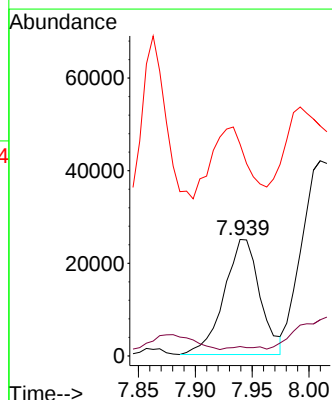
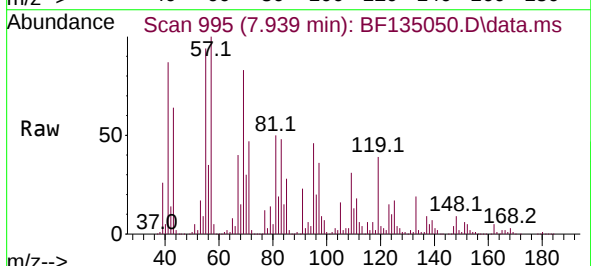
Tgt Ion:162 Resp: 54679

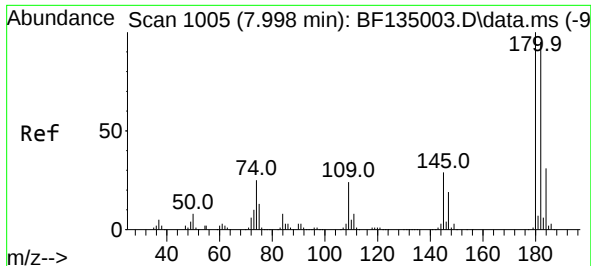
Ion Ratio Lower Upper

162 100

164 8.0 44.2 84.2#

98 182.0 17.3 57.3#





#30

1,2,4-Trichlorobenzene

Concen: 4.879 ng

RT: 7.992 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

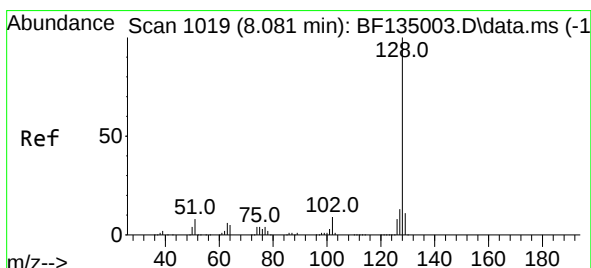
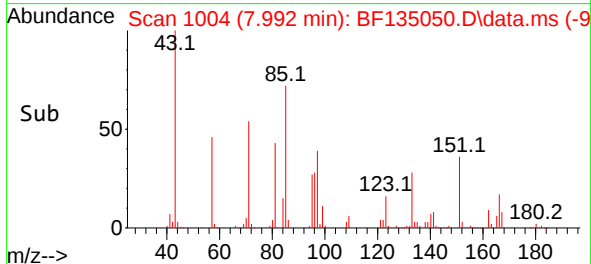
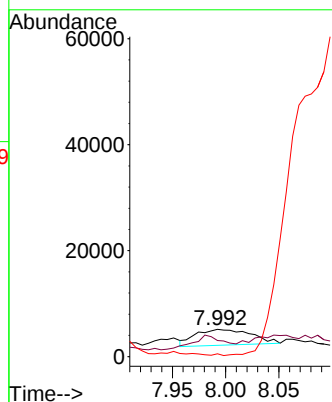
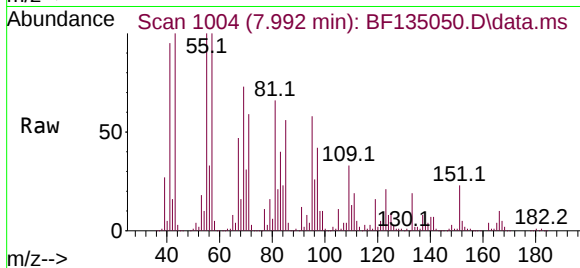
Tgt Ion:180 Resp: 10907

Ion Ratio Lower Upper

180 100

182 59.2 76.3 114.5#

145 10.0 23.5 35.3#



#31

Naphthalene

Concen: 19.988 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.018 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

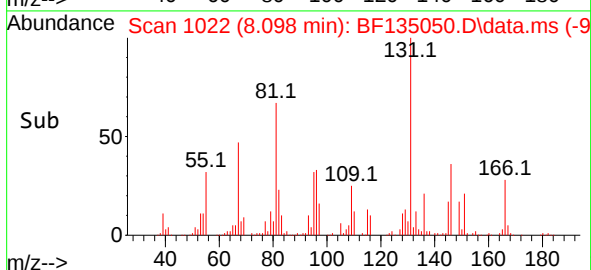
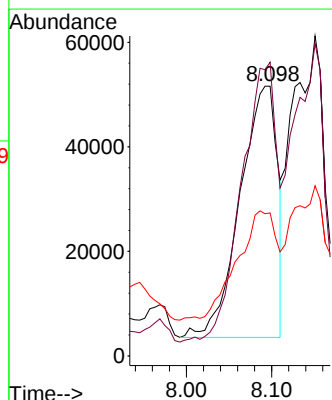
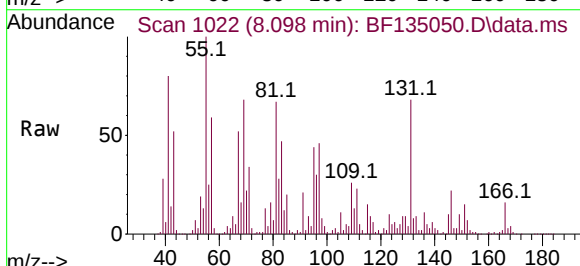
Tgt Ion:128 Resp: 146320

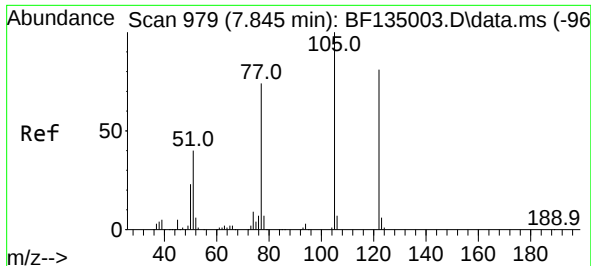
Ion Ratio Lower Upper

128 100

129 108.9 8.6 13.0#

127 53.0 10.6 16.0#

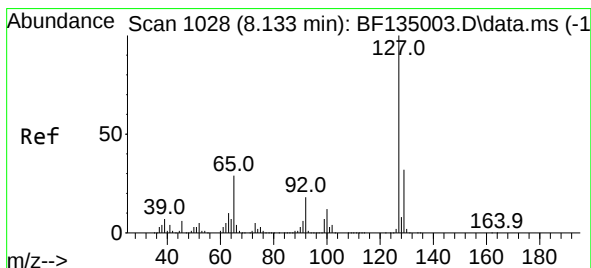
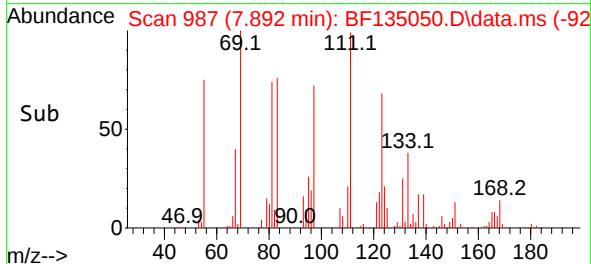
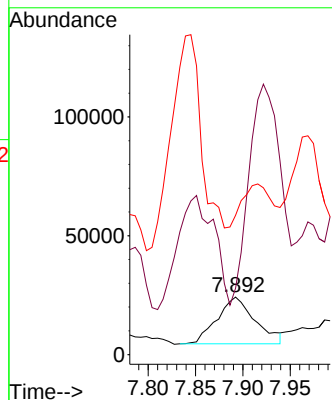
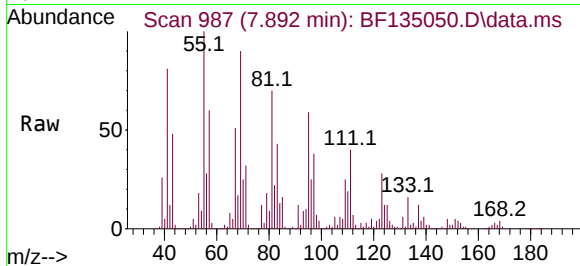




#32  
Benzoic acid  
Concen: 31.374 ng  
RT: 7.892 min Scan# 987  
Delta R.T. 0.047 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

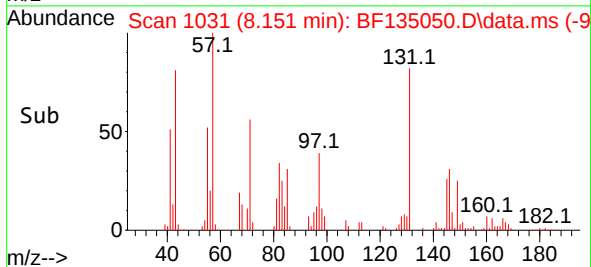
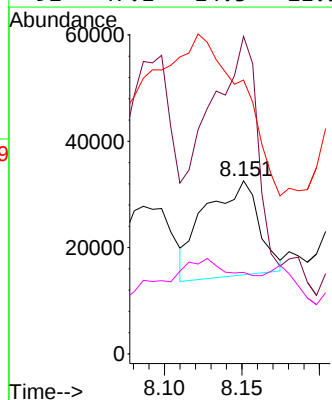
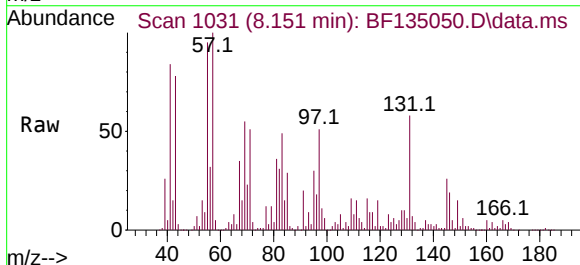
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

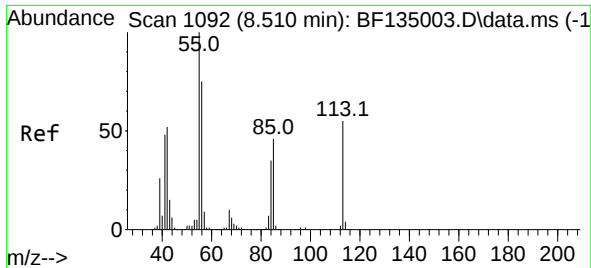
Tgt Ion:122 Resp: 54623  
Ion Ratio Lower Upper  
122 100  
105 115.4 99.8 139.8  
77 242.1 69.5 109.5#



#33  
4-Chloroaniline  
Concen: 13.509 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.018 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion:127 Resp: 43256  
Ion Ratio Lower Upper  
127 100  
129 183.6 25.6 38.4#  
65 158.3 23.1 34.7#  
92 47.1 14.3 21.5#

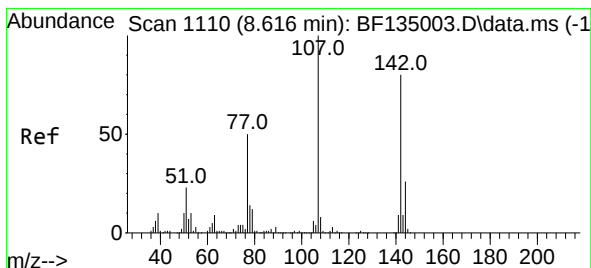
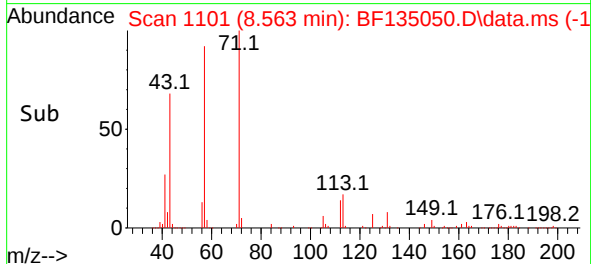
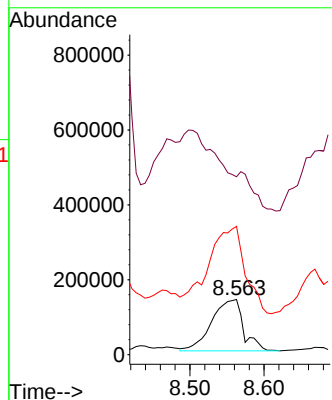
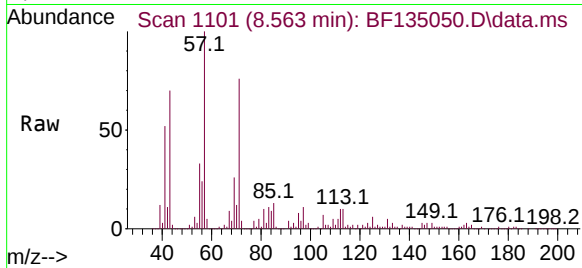




#35  
 Caprolactam  
 Concen: 606.706 ng  
 RT: 8.563 min Scan# 1110  
 Delta R.T. 0.053 min  
 Lab File: BF135050.D  
 Acq: 31 Aug 2023 19:54

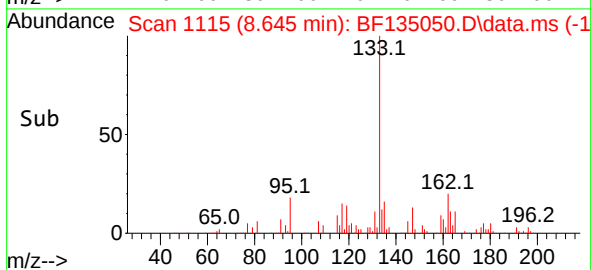
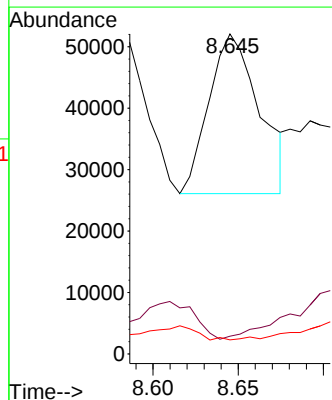
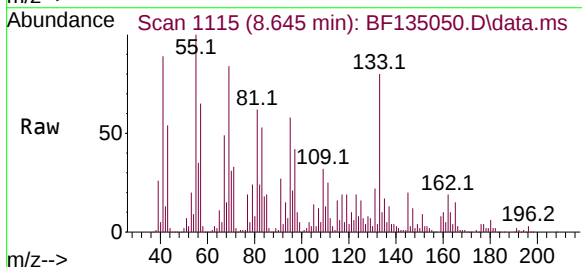
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-06(16-18)

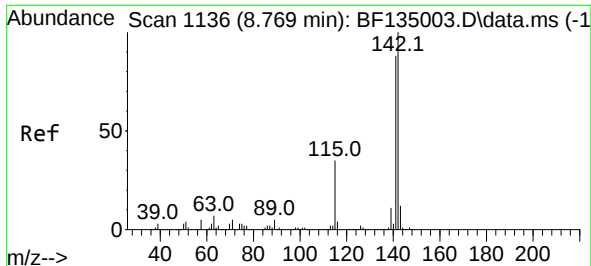
Tgt Ion:113 Resp: 410915  
 Ion Ratio Lower Upper  
 113 100  
 55 322.2 160.6 200.6#  
 56 232.3 115.4 155.4#



#36  
 4-Chloro-3-methylphenol  
 Concen: 23.810 ng  
 RT: 8.645 min Scan# 1115  
 Delta R.T. 0.029 min  
 Lab File: BF135050.D  
 Acq: 31 Aug 2023 19:54

Tgt Ion:107 Resp: 53494  
 Ion Ratio Lower Upper  
 107 100  
 144 5.5 20.6 31.0#  
 142 4.4 64.4 96.6#





#37

2-Methylnaphthalene

Concen: 370.367 ng

RT: 8.833 min Scan# 1116

Delta R.T. 0.065 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

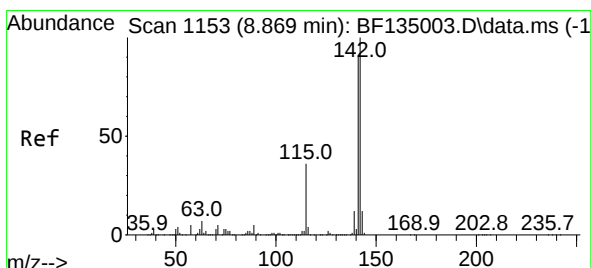
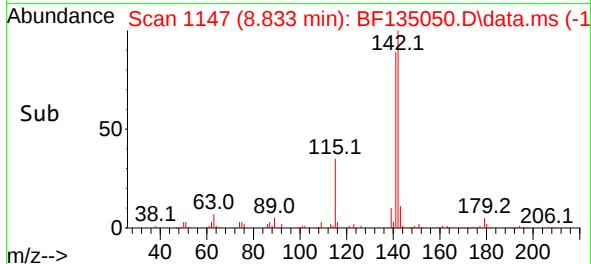
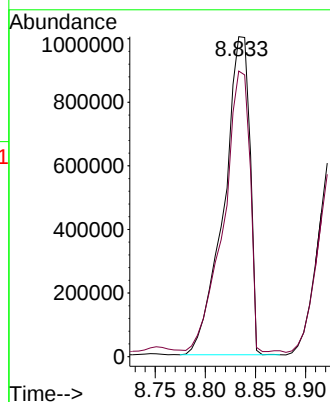
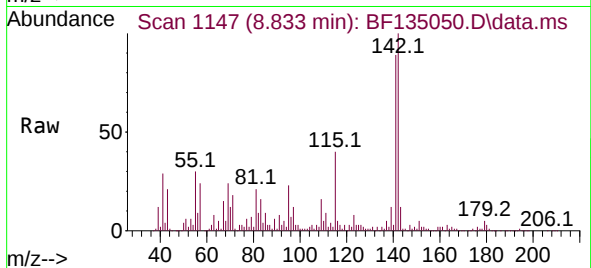
SB-06(16-18)

Tgt Ion:142 Resp: 1809030

Ion Ratio Lower Upper

142 100

141 89.2 70.7 106.1



#38

1-Methylnaphthalene

Concen: 301.821 ng

RT: 8.933 min Scan# 1164

Delta R.T. 0.065 min

Lab File: BF135050.D

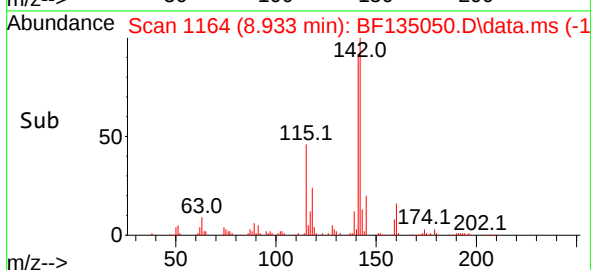
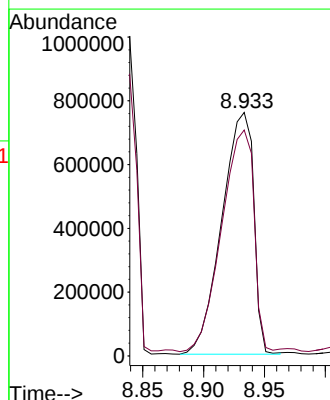
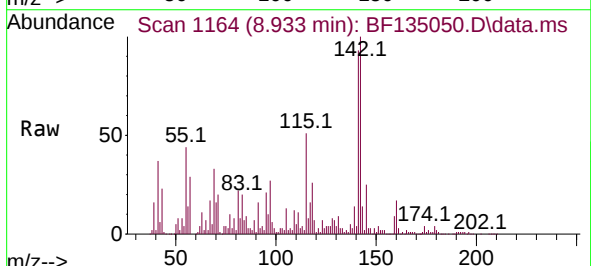
Acq: 31 Aug 2023 19:54

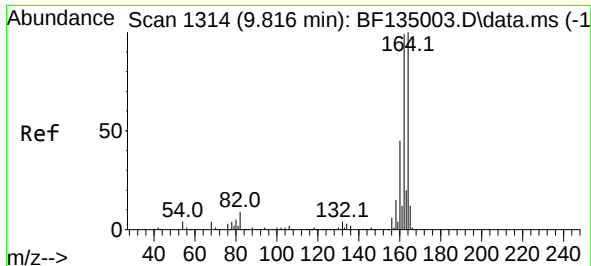
Tgt Ion:142 Resp: 1379392

Ion Ratio Lower Upper

142 100

141 92.8 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1314

Delta R.T. 0.047 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

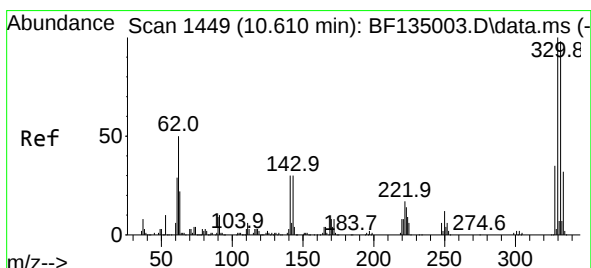
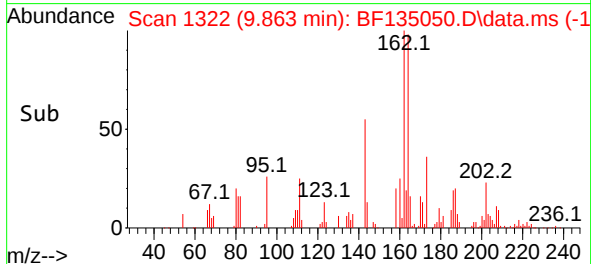
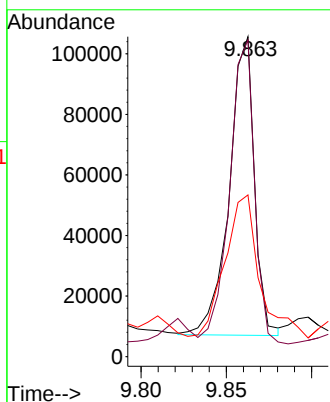
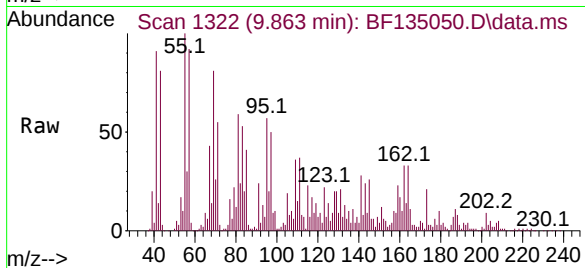
Tgt Ion:164 Resp: 101241

Ion Ratio Lower Upper

164 100

162 98.9 79.5 119.3

160 50.5 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 116.575 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.018 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

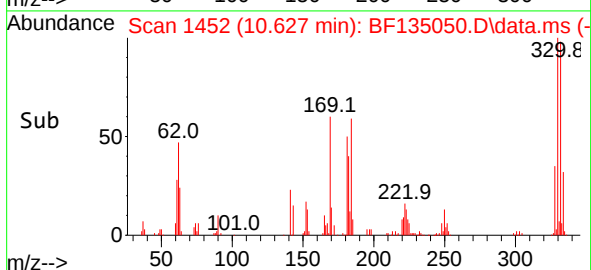
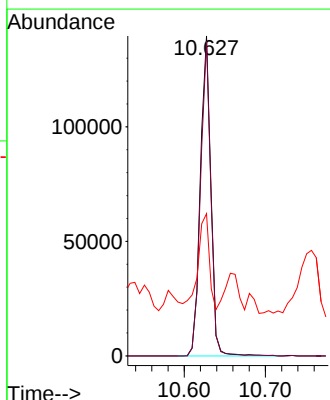
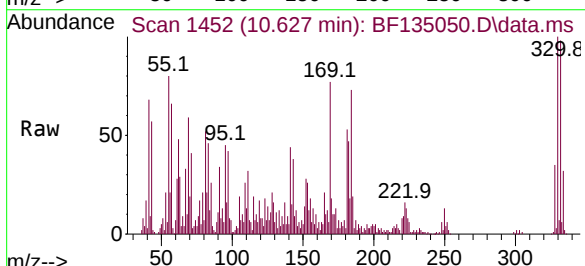
Tgt Ion:330 Resp: 125196

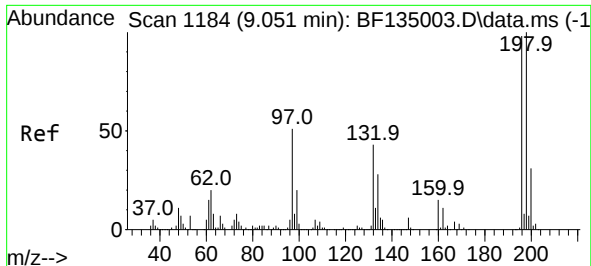
Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 31.6 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 9.442 ng

RT: 9.104 min Scan# 1184

Delta R.T. 0.053 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

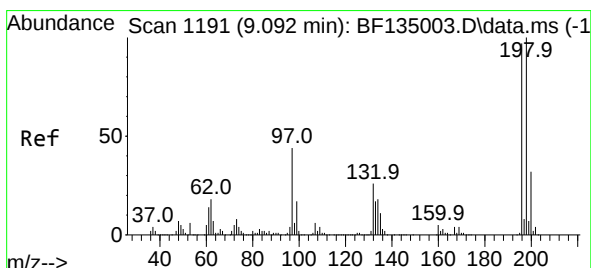
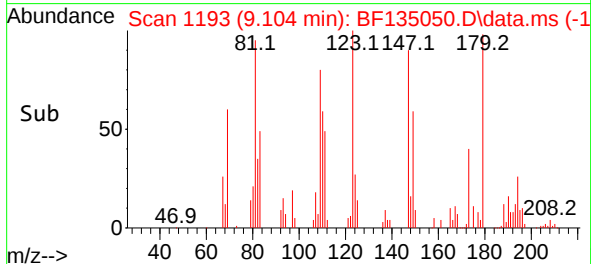
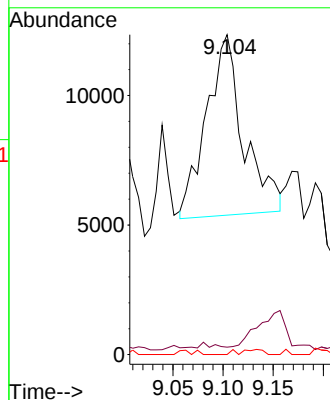
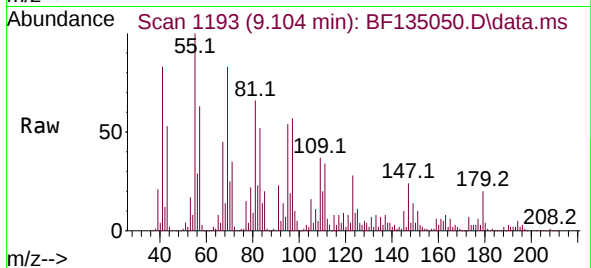
Tgt Ion:196 Resp: 17972

Ion Ratio Lower Upper

196 100

198 2.3 81.8 122.6#

200 0.0 25.7 38.5#



#44

2,4,5-Trichlorophenol

Concen: 7.870 ng

RT: 9.104 min Scan# 1193

Delta R.T. 0.012 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Tgt Ion:196 Resp: 17342

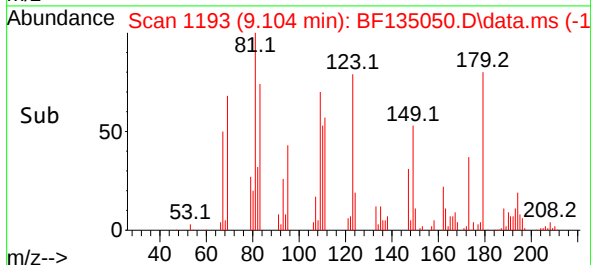
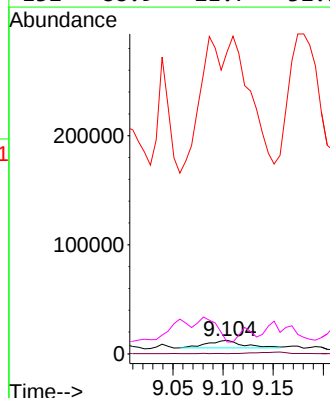
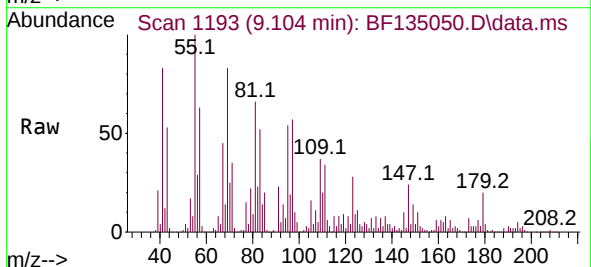
Ion Ratio Lower Upper

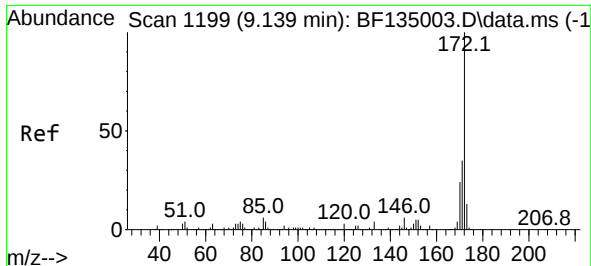
196 100

198 2.3 82.8 124.2#

97 2242.0 36.5 54.7#

132 88.9 21.7 32.5#





#45

2-Fluorobiphenyl

Concen: 59.507 ng

RT: 9.180 min Scan# 1179

Delta R.T. 0.041 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

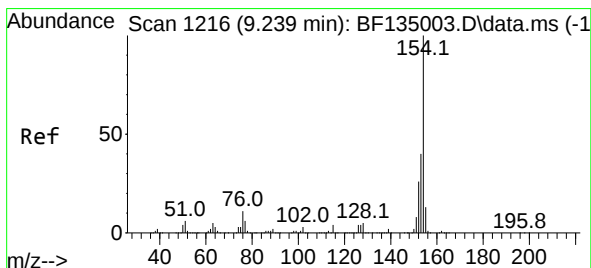
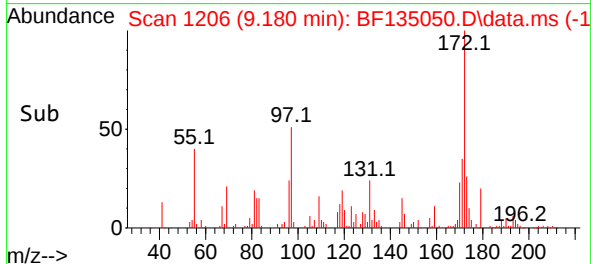
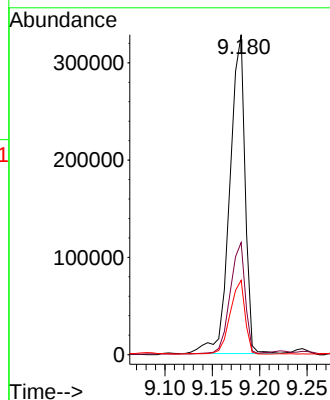
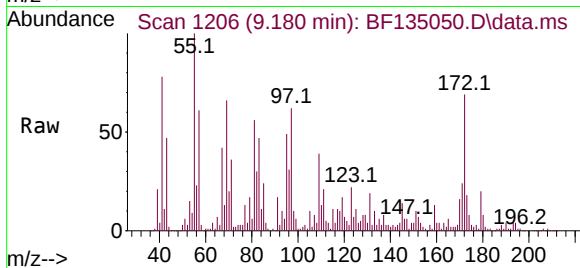
Tgt Ion:172 Resp: 370033

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 4.146 ng

RT: 9.022 min Scan# 1179

Delta R.T. -0.218 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

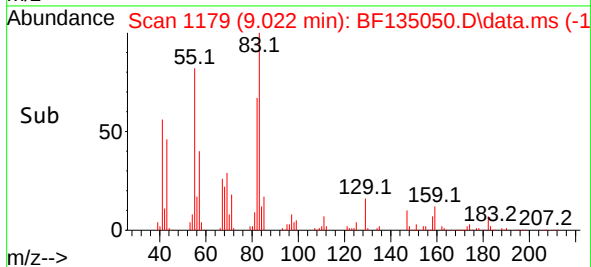
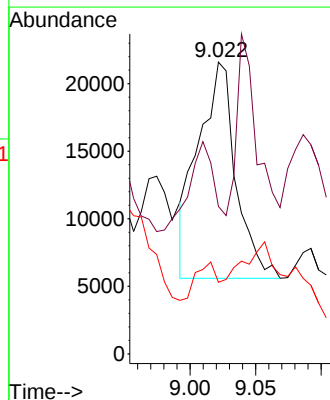
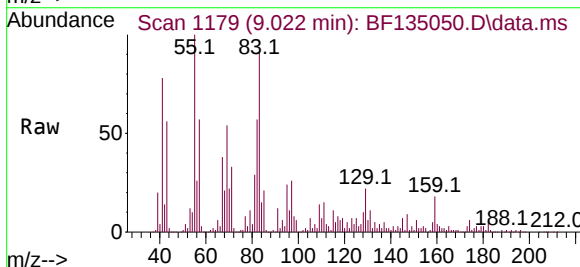
Tgt Ion:154 Resp: 32073

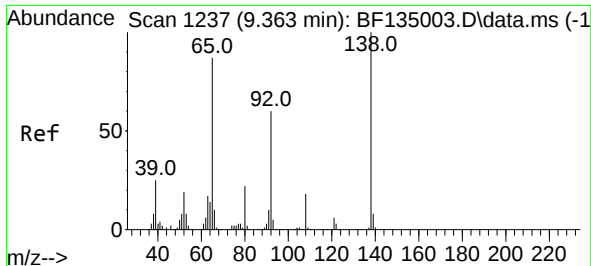
Ion Ratio Lower Upper

154 100

153 50.6 20.2 60.2

76 24.5 0.0 31.2





#48

2-Nitroaniline

Concen: 10.940 ng

RT: 9.416 min Scan# 1246

Delta R.T. 0.053 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

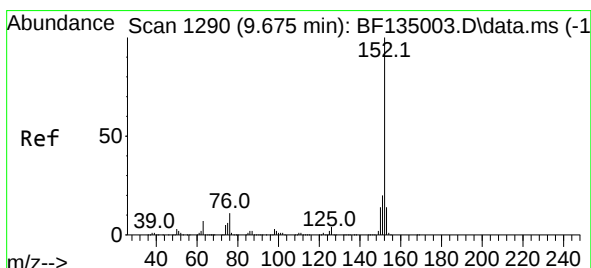
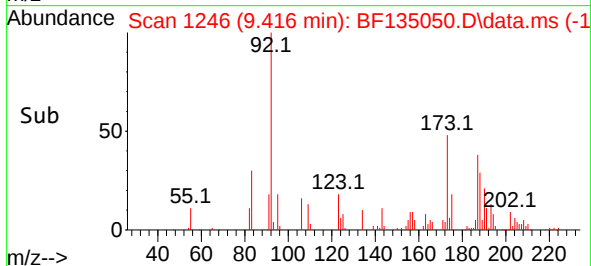
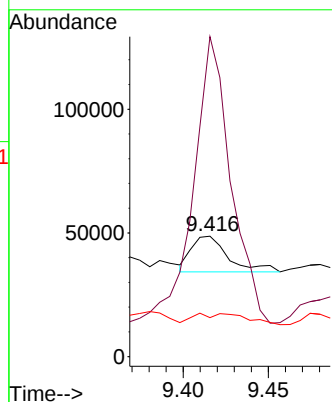
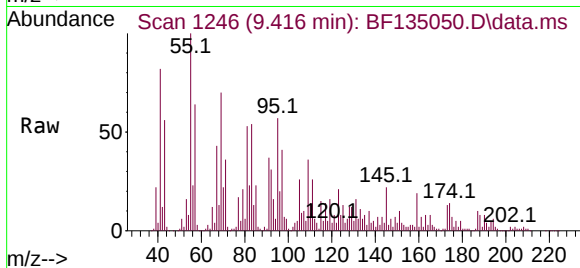
Tgt Ion: 65 Resp: 21784

Ion Ratio Lower Upper

65 100

92 265.9 54.9 82.3#

138 32.4 91.6 137.4#



#49

Acenaphthylene

Concen: 5.988 ng

RT: 9.727 min Scan# 1299

Delta R.T. 0.053 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

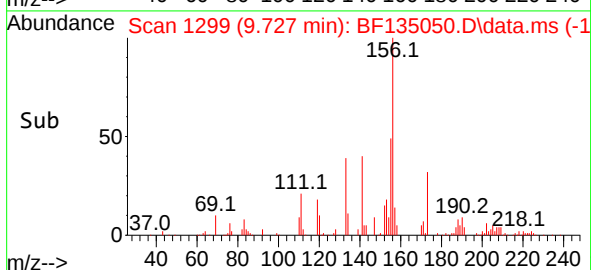
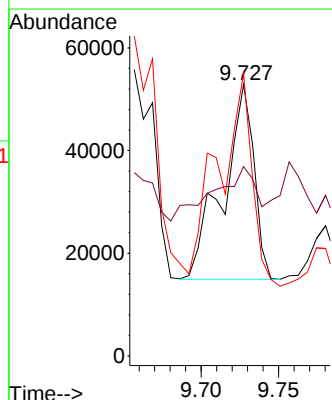
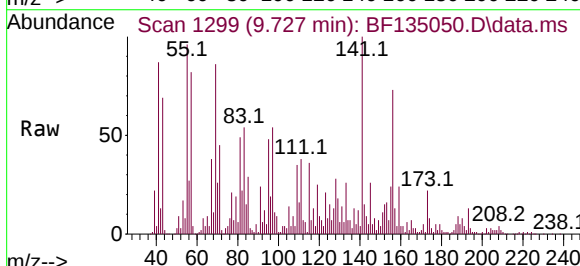
Tgt Ion: 152 Resp: 52652

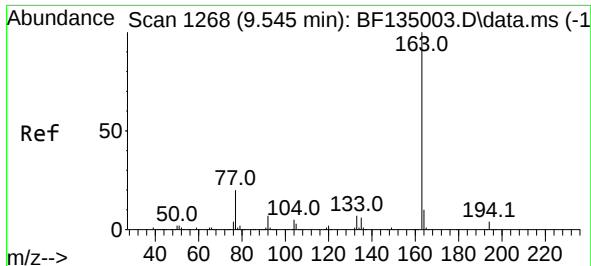
Ion Ratio Lower Upper

152 100

151 69.8 16.2 24.4#

153 104.2 11.4 17.0#

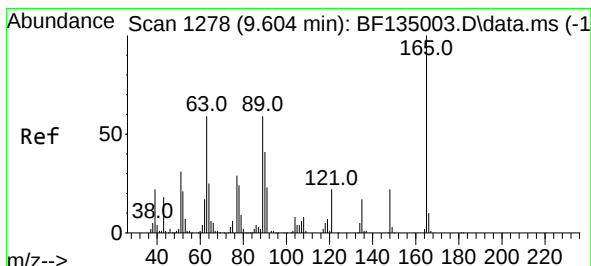
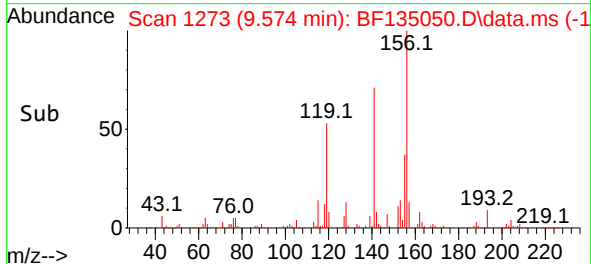
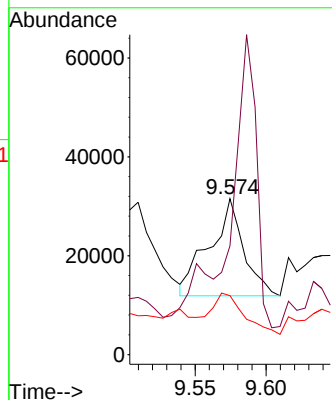
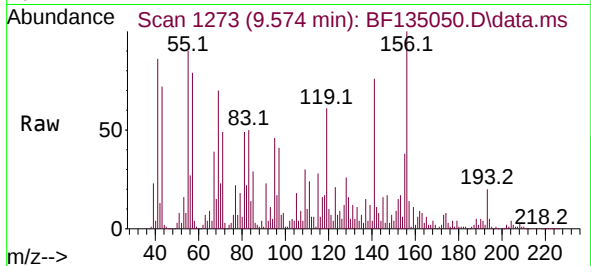




#50  
Dimethylphthalate  
Concen: 4.655 ng  
RT: 9.574 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

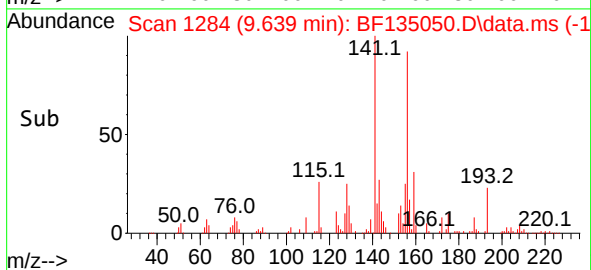
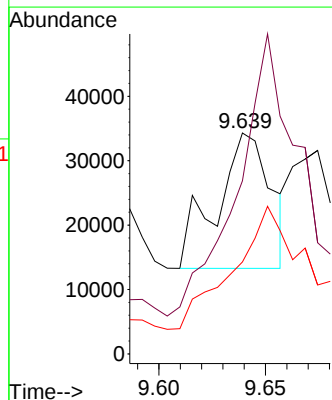
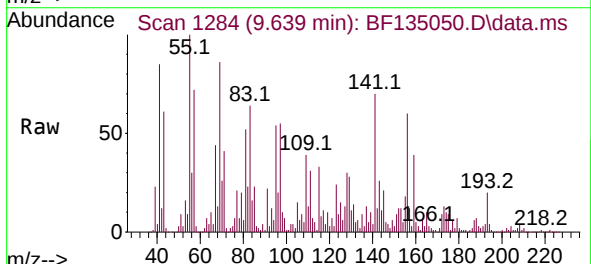
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

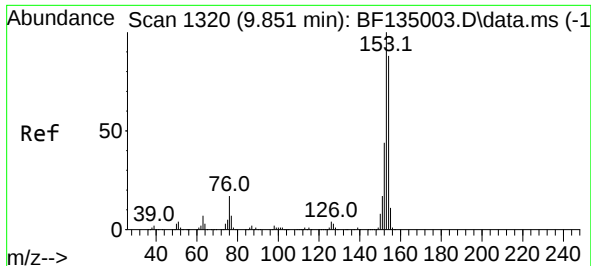
Tgt Ion:163 Resp: 33002  
Ion Ratio Lower Upper  
163 100  
194 69.7 3.0 4.6#  
164 37.8 8.1 12.1#



#51  
2,6-Dinitrotoluene  
Concen: 23.916 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. 0.035 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion:165 Resp: 37201  
Ion Ratio Lower Upper  
165 100  
63 78.3 50.4 75.6#  
89 41.6 47.1 70.7#





#52

Acenaphthene

Concen: 7.186 ng

RT: 9.892 min Scan# 1314

Delta R.T. 0.041 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

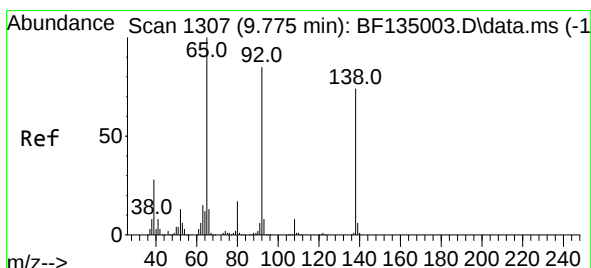
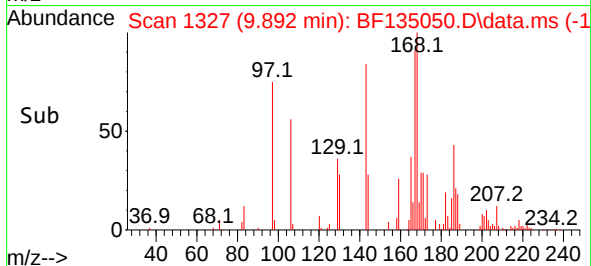
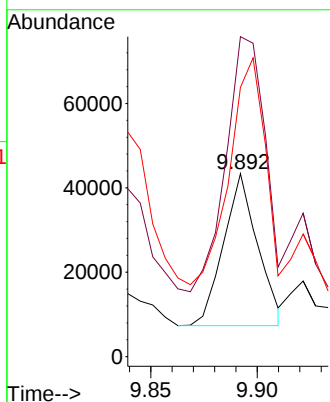
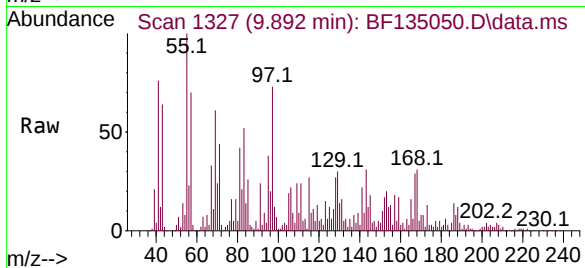
Tgt Ion:154 Resp: 40266

Ion Ratio Lower Upper

154 100

153 174.9 90.8 136.2#

152 147.2 40.2 60.4#



#53

3-Nitroaniline

Concen: 11.202 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.041 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

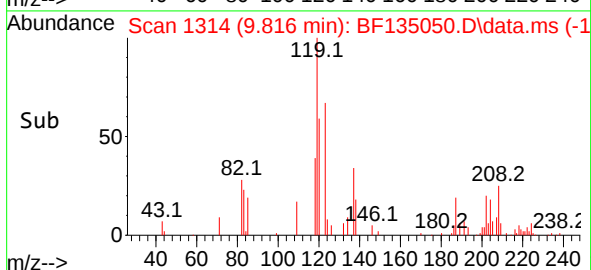
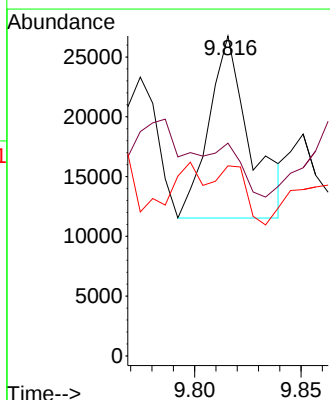
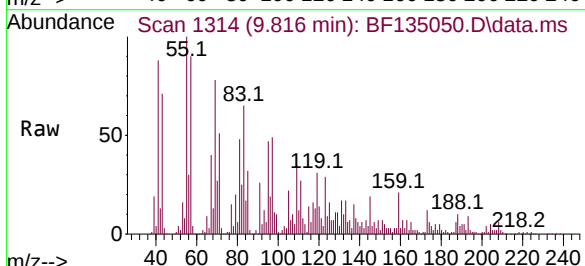
Tgt Ion:138 Resp: 20298

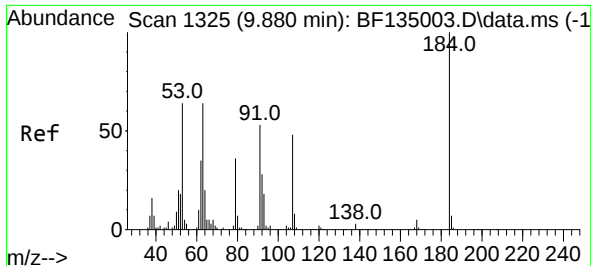
Ion Ratio Lower Upper

138 100

108 66.5 8.6 13.0#

92 59.4 92.2 138.4#

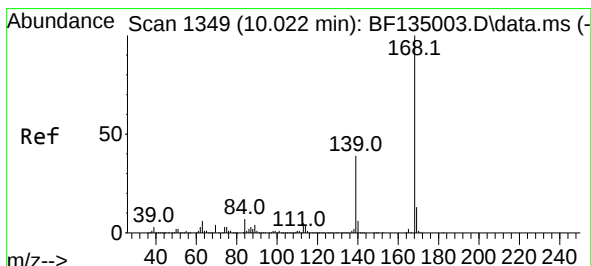
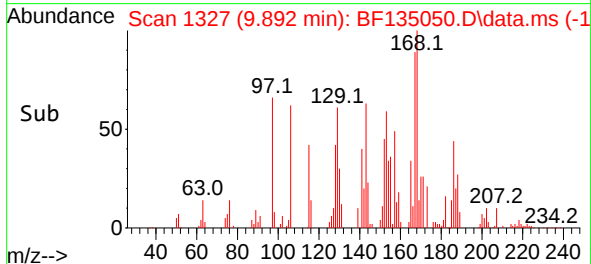
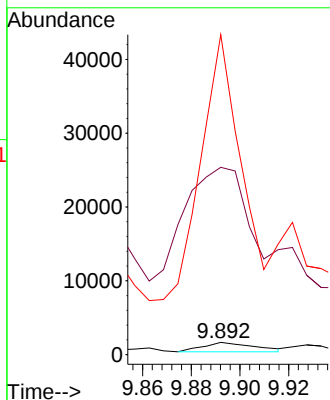
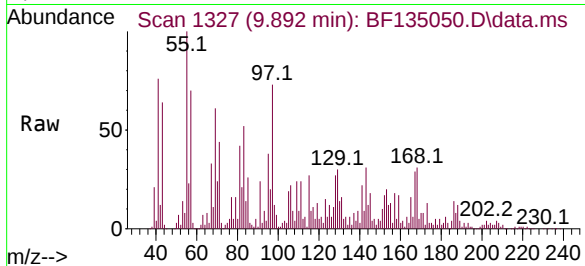




#54  
2,4-Dinitrophenol  
Concen: 2.553 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.012 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

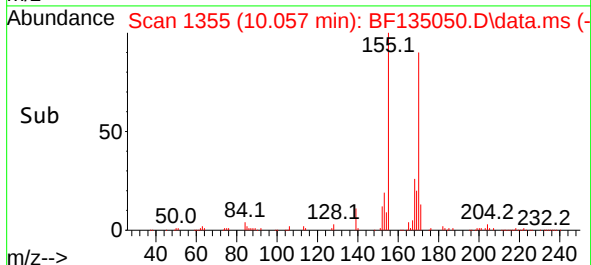
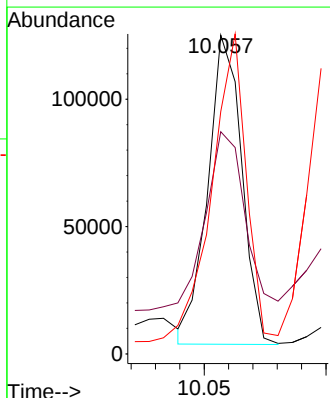
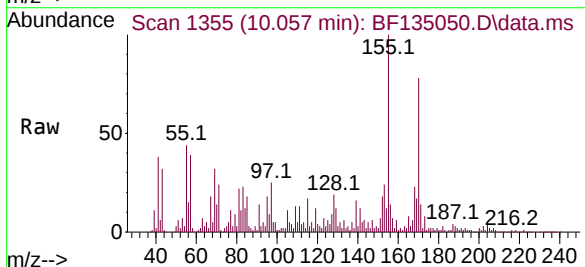
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

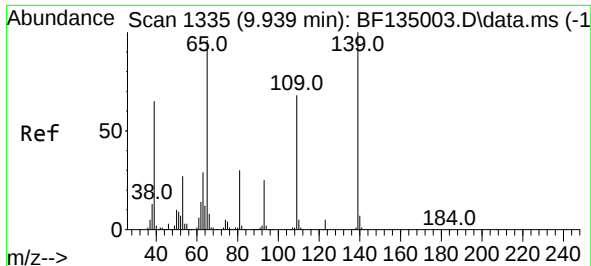
Tgt Ion:184 Resp: 1898  
Ion Ratio Lower Upper  
184 100  
63 1537.5 62.2 93.2#  
154 2627.9 52.3 78.5#



#55  
Dibenzofuran  
Concen: 14.558 ng  
RT: 10.057 min Scan# 1355  
Delta R.T. 0.035 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion:168 Resp: 117675  
Ion Ratio Lower Upper  
168 100  
139 69.7 31.5 47.3#  
169 76.0 10.7 16.1#

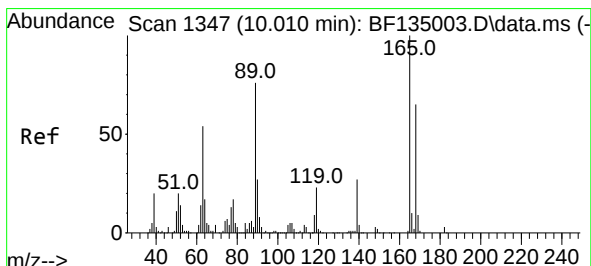
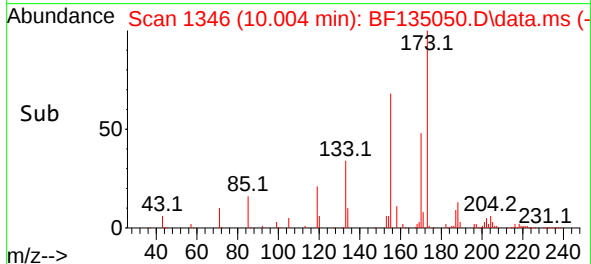
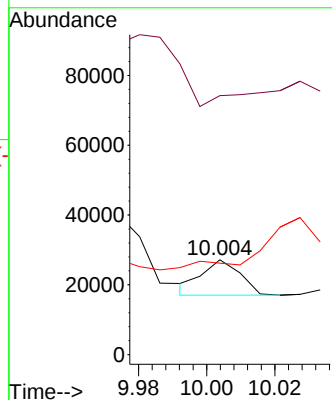
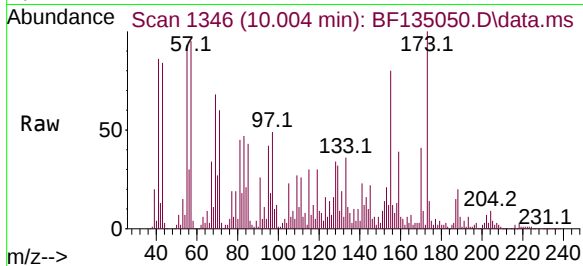




#56  
4-Nitrophenol  
Concen: 6.195 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.065 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

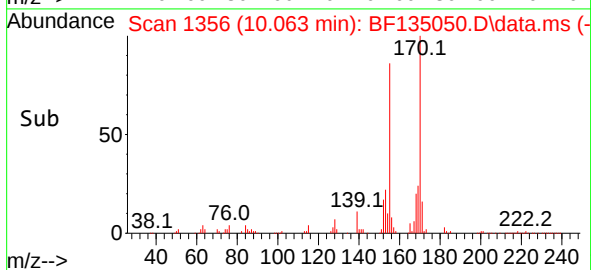
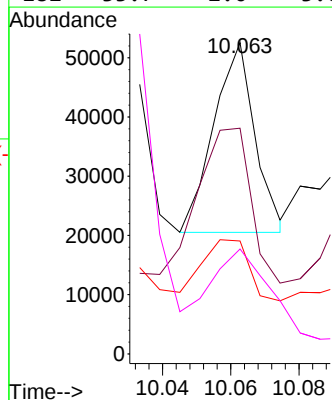
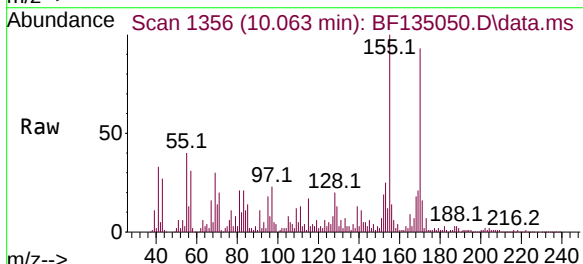
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

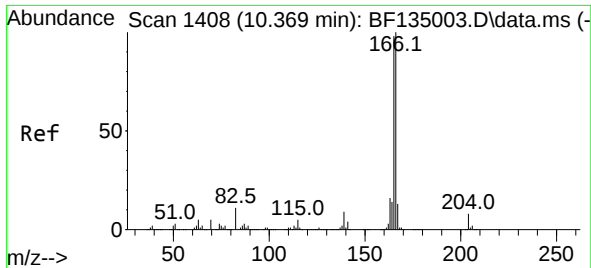
Tgt Ion:139 Resp: 7890  
Ion Ratio Lower Upper  
139 100  
109 273.0 47.7 87.7#  
65 96.4 75.9 115.9



#57  
2,4-Dinitrotoluene  
Concen: 13.871 ng  
RT: 10.063 min Scan# 1356  
Delta R.T. 0.053 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion:165 Resp: 26889  
Ion Ratio Lower Upper  
165 100  
63 72.5 43.2 64.8#  
89 36.2 60.8 91.2#  
182 33.7 2.0 3.0#

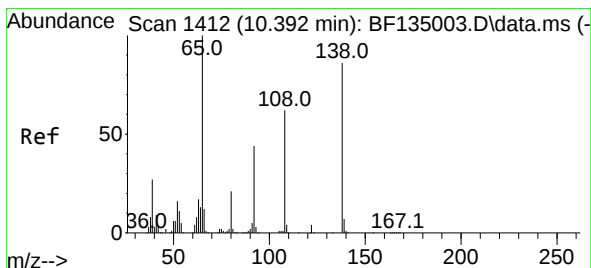
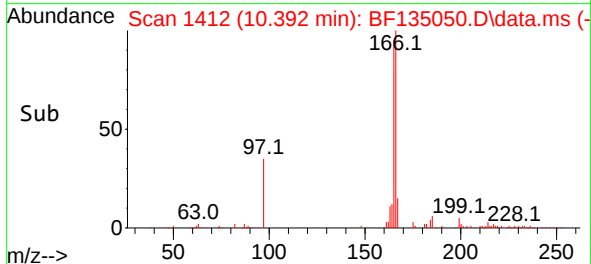
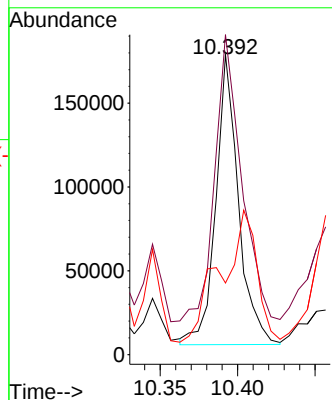
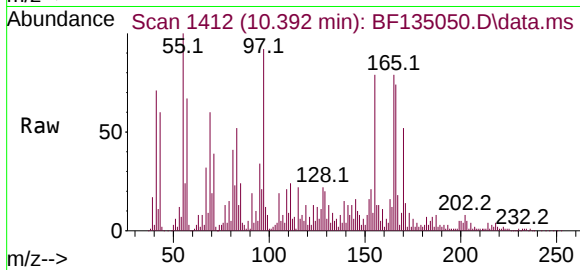




#58  
Fluorene  
Concen: 28.489 ng  
RT: 10.392 min Scan# 1408  
Delta R.T. 0.023 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

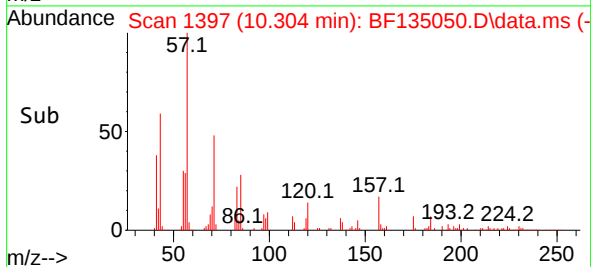
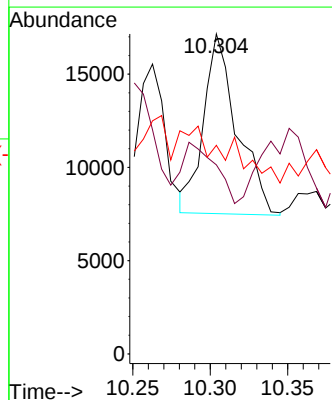
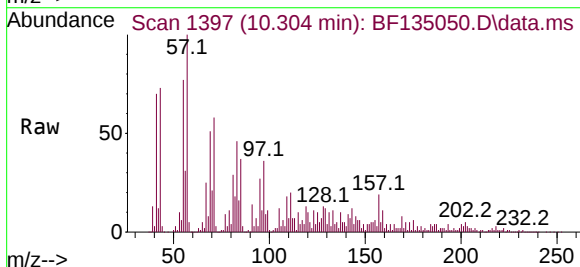
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

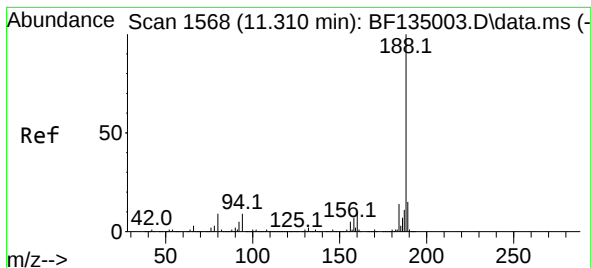
Tgt Ion:166 Resp: 175559  
Ion Ratio Lower Upper  
166 100  
165 106.6 78.0 117.0  
167 23.9 10.8 16.2#



#62  
4-Nitroaniline  
Concen: 8.240 ng  
RT: 10.304 min Scan# 1397  
Delta R.T. -0.088 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion:138 Resp: 14609  
Ion Ratio Lower Upper  
138 100  
92 59.1 30.7 70.7  
108 65.2 51.7 91.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

Instrument :

BNA\_F

ClientSampleId :

SB-06(16-18)

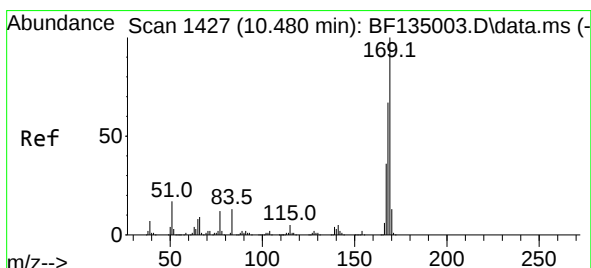
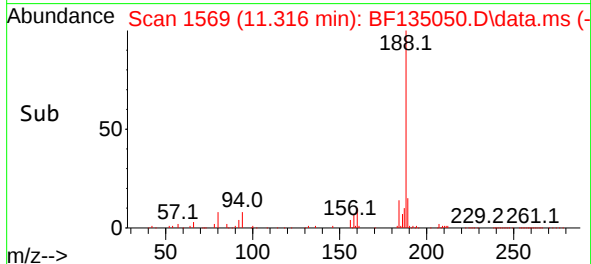
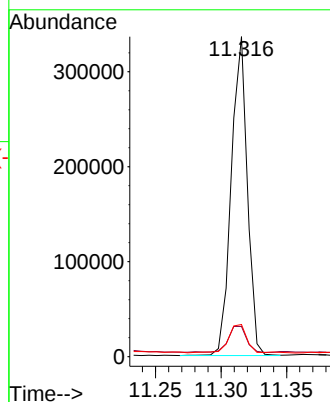
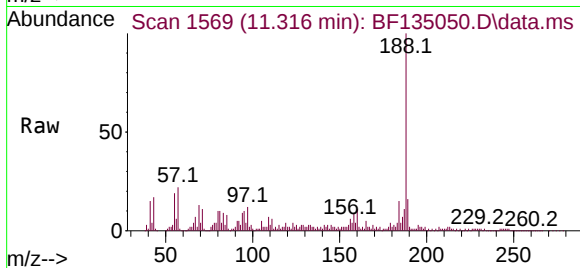
Tgt Ion:188 Resp: 287489

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

80 10.0 7.4 11.2



#66

n-Nitrosodiphenylamine

Concen: 9.324 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF135050.D

Acq: 31 Aug 2023 19:54

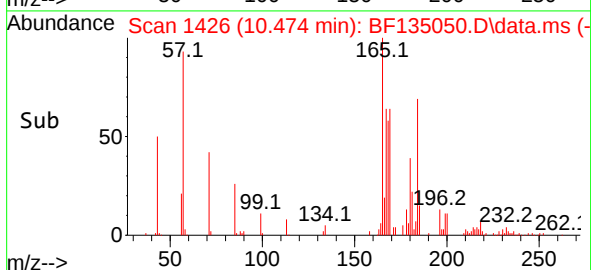
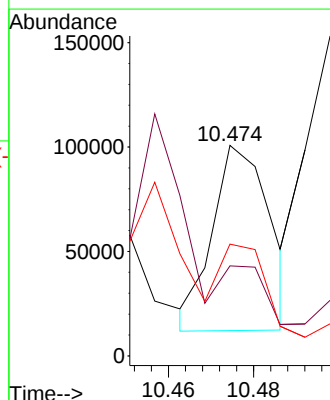
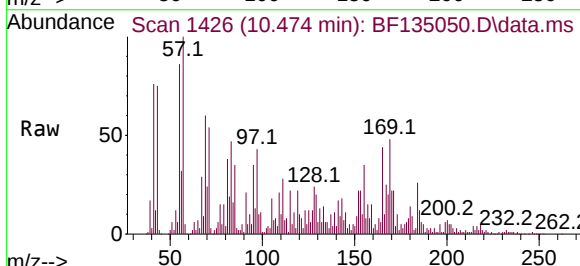
Tgt Ion:169 Resp: 83348

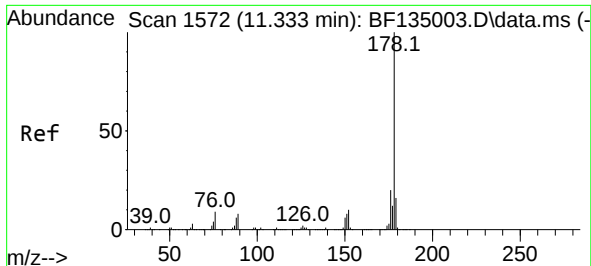
Ion Ratio Lower Upper

169 100

168 42.7 53.4 80.0#

167 53.1 29.0 43.4#

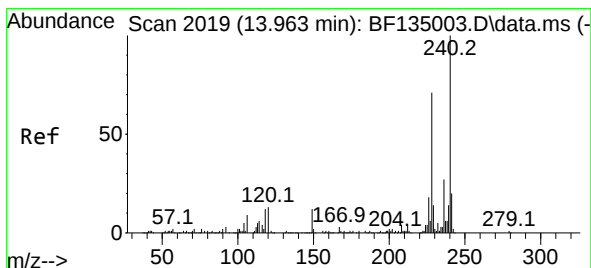
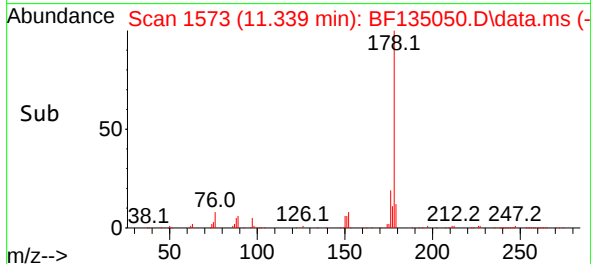
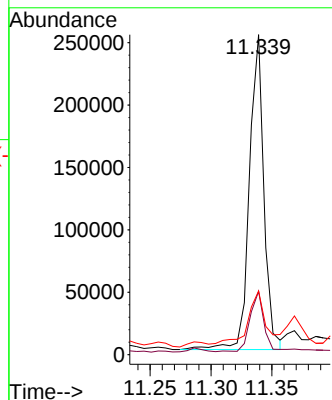
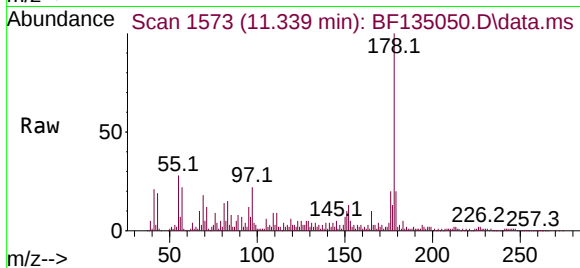




#71  
Phenanthrene  
Concen: 14.121 ng  
RT: 11.339 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

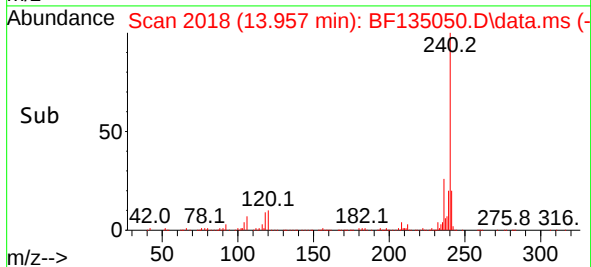
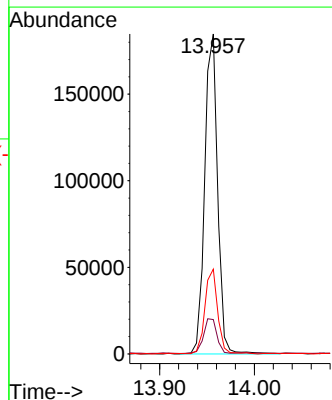
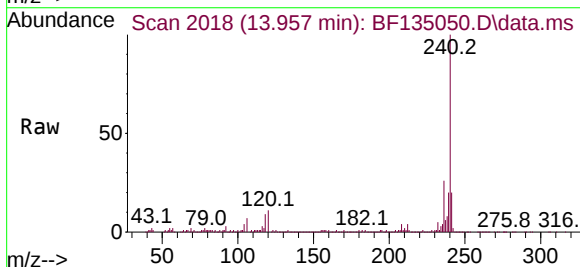
Instrument :  
BNA\_F  
ClientSampleId :  
SB-06(16-18)

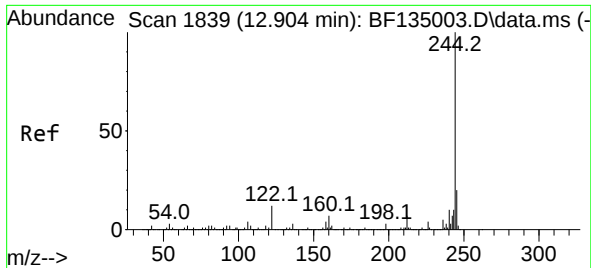
Tgt Ion:178 Resp: 209439  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.9 23.9  
179 19.9 12.5 18.7#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF135050.D  
Acq: 31 Aug 2023 19:54

Tgt Ion:240 Resp: 175177  
Ion Ratio Lower Upper  
240 100  
120 10.7 10.2 15.2  
236 26.5 21.3 31.9

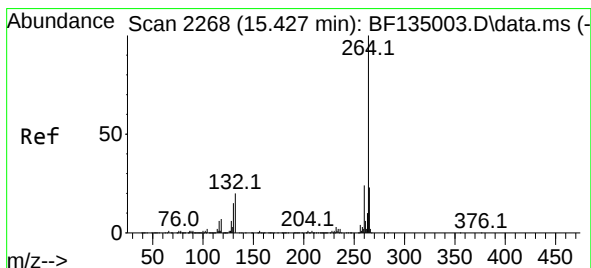
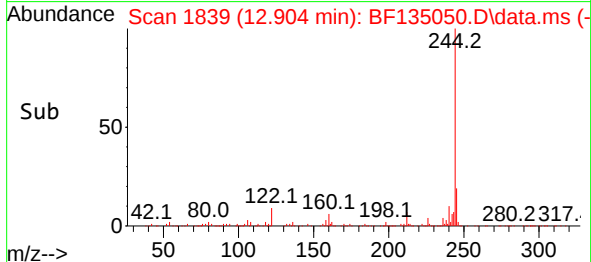
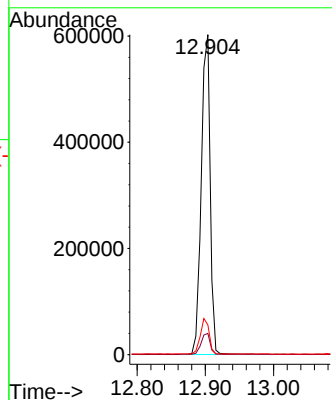
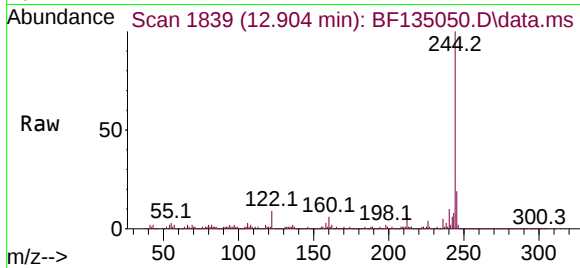




#79  
 Terphenyl-d14  
 Concen: 51.118 ng  
 RT: 12.904 min Scan# 1839  
 Delta R.T. -0.000 min  
 Lab File: BF135050.D  
 Acq: 31 Aug 2023 19:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-06(16-18)

Tgt Ion:244 Resp: 548724  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.6 8.4  
 122 9.3 9.8 14.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. -0.006 min  
 Lab File: BF135050.D  
 Acq: 31 Aug 2023 19:54

Tgt Ion:264 Resp: 217885  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.6  
 265 20.6 18.2 27.2

