

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101122\  
 Data File : BG055134.D  
 Acq On : 11 Oct 2022 20:06  
 Operator : CG/JU  
 Sample : N5083-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Quant Time: Oct 12 06:22:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 08 03:04:59 2022  
 Response via : Initial Calibration

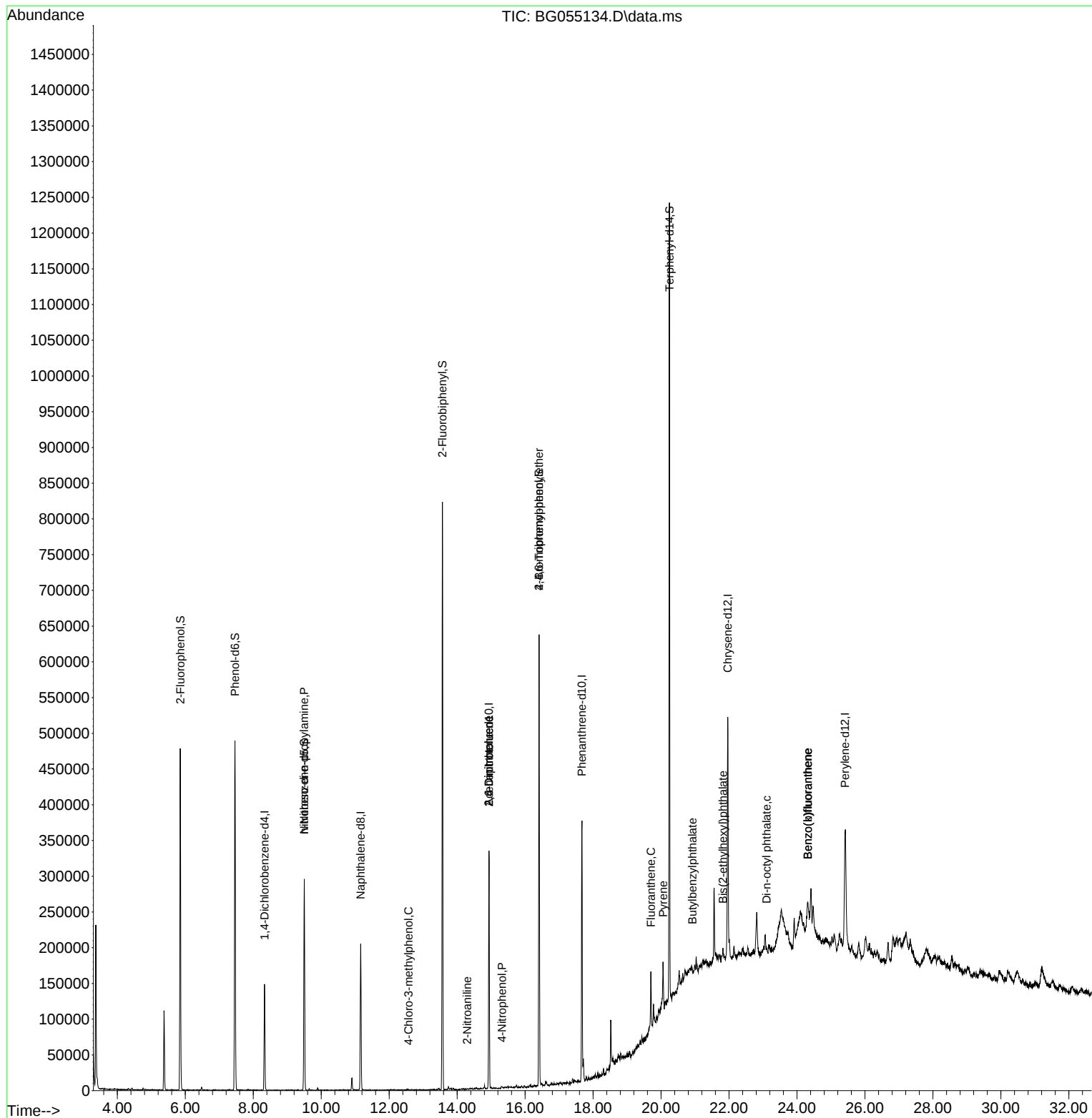
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.331  | 152  | 41886    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.163 | 136  | 175526   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.935 | 164  | 117535   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.673 | 188  | 238807   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.962 | 240  | 218910   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.417 | 264  | 234416   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.851  | 112  | 201414   | 106.806 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.461  | 99   | 271707   | 96.162  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.500  | 82   | 176643   | 60.134  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.410 | 330  | 128403   | 106.333 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.566 | 172  | 420199   | 55.812  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.246 | 244  | 563915   | 52.066  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.500  | 70   | 24409    | 8.918   | ng    | # 73     |
| 36) 4-Chloro-3-methylphenol   | 12.567 | 107  | 228      | 2.974   | ng    | # 22     |
| 48) 2-Nitroaniline            | 14.294 | 65   | 57       | 4.110   | ng    | # 7      |
| 51) 2,6-Dinitrotoluene        | 14.935 | 165  | 15573    | 12.338  | ng    | # 15     |
| 56) 4-Nitrophenol             | 15.323 | 139  | 140      | 5.006   | ng    | # 80     |
| 57) 2,4-Dinitrotoluene        | 14.935 | 165  | 15573    | 10.061  | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 16.410 | 248  | 8012     | 3.172   | ng    | # 1      |
| 75) Fluoranthene              | 19.700 | 202  | 46813    | 2.991   | ng    | 98       |
| 78) Pyrene                    | 20.058 | 202  | 40086    | 2.754   | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.922 | 149  | 609      | 4.959   | ng    | # 46     |
| 84) Bis(2-ethylhexyl)phtha... | 21.821 | 149  | 4587     | 4.717   | ng    | # 93     |
| 85) Di-n-octyl phthalate      | 23.108 | 149  | 766      | 4.402   | ng    | # 54     |
| 88) Benzo(b)fluoranthene      | 24.318 | 252  | 34848    | 2.523   | ng    | # 85     |
| 89) Benzo(k)fluoranthene      | 24.318 | 252  | 34848    | 2.504   | ng    | # 85     |
| -----                         |        |      |          |         |       |          |

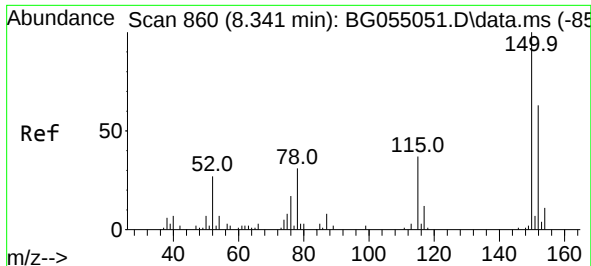
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101122\  
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ALS Vial : 15 Sample Multiplier: 1

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MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 08 03:04:59 2022  
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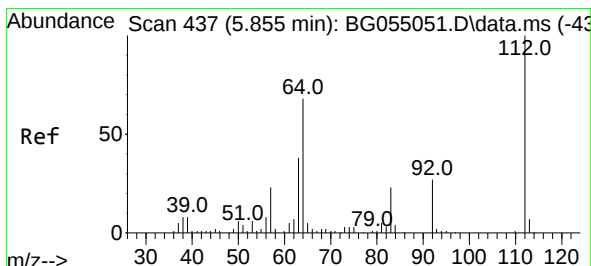
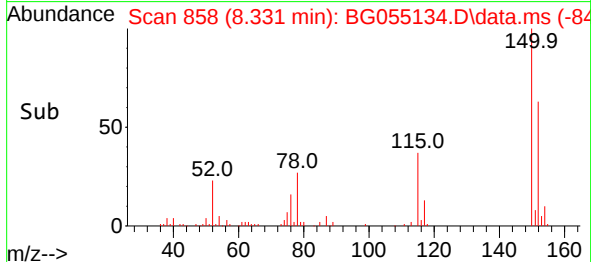
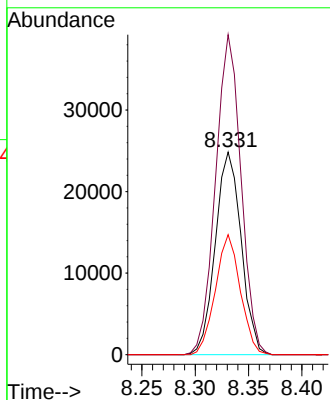
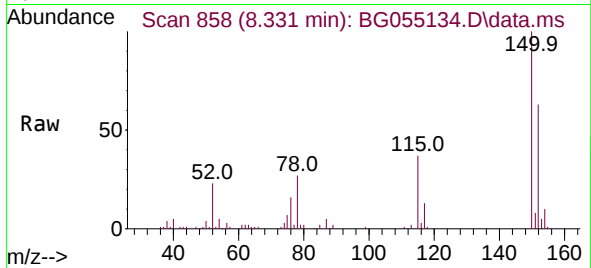




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.331 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

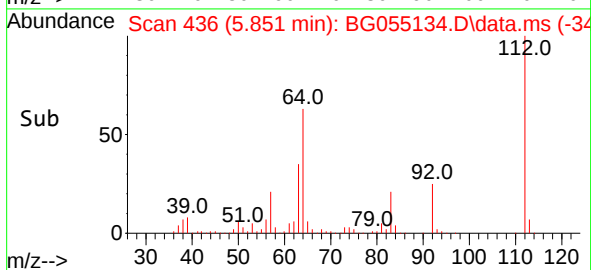
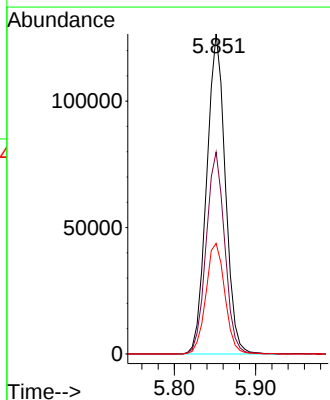
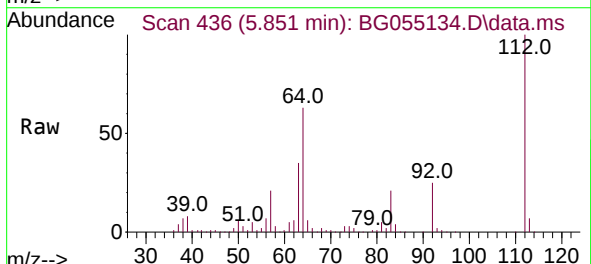
Instrument :  
BNA\_G  
ClientSampleId :  
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

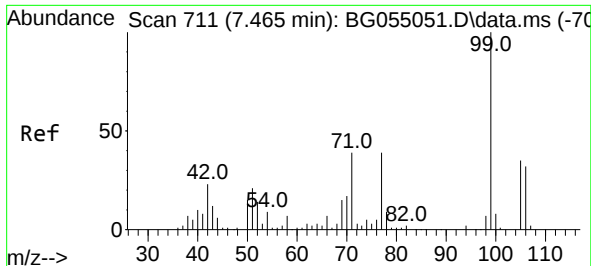
Tgt Ion:152 Resp: 41886  
Ion Ratio Lower Upper  
152 100  
150 158.0 128.0 192.0  
115 59.2 47.7 71.5



#5  
2-Fluorophenol  
Concen: 106.806 ng  
RT: 5.851 min Scan# 436  
Delta R.T. -0.001 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:112 Resp: 201414  
Ion Ratio Lower Upper  
112 100  
64 63.1 54.5 81.7  
63 34.5 30.5 45.7

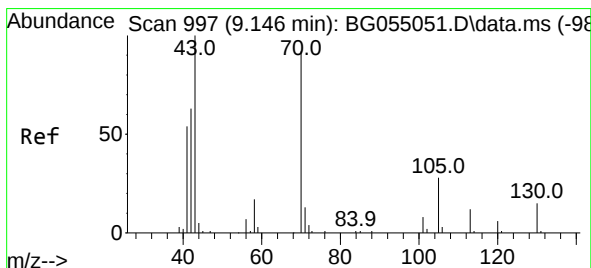
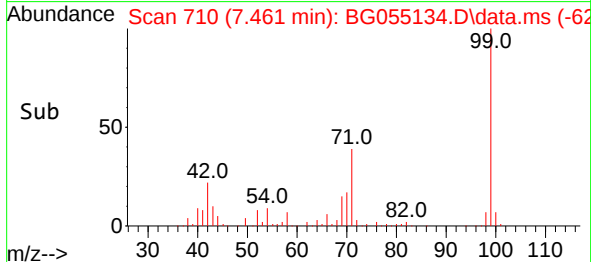
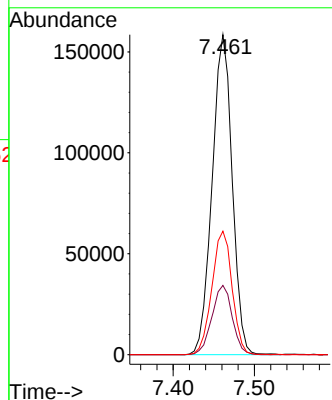
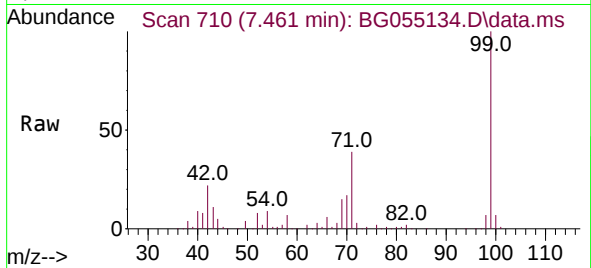




#7  
Phenol-d6  
Concen: 96.162 ng  
RT: 7.461 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

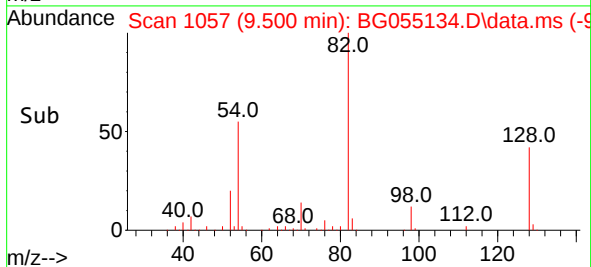
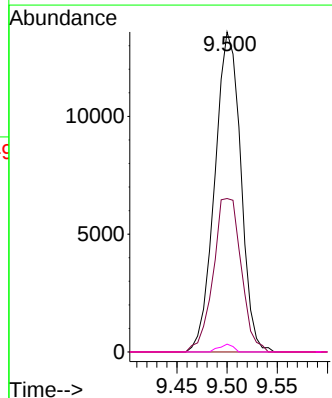
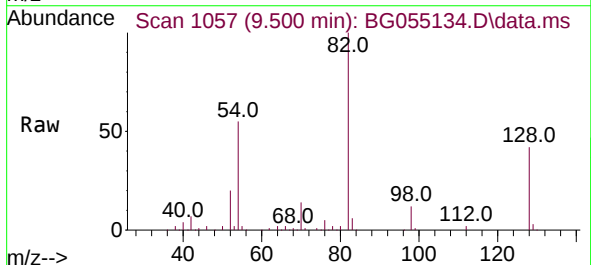
Instrument :  
BNA\_G  
ClientSampleId :  
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

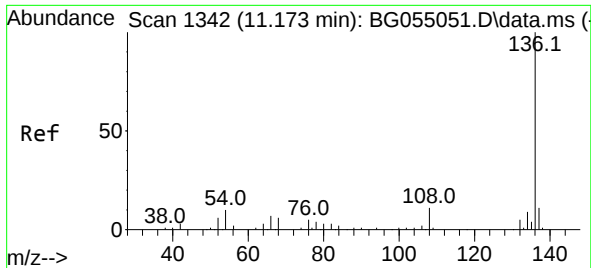
Tgt Ion: 99 Resp: 271707  
Ion Ratio Lower Upper  
99 100  
42 21.7 18.6 28.0  
71 38.6 31.2 46.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 8.918 ng  
RT: 9.500 min Scan# 1057  
Delta R.T. 0.363 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion: 70 Resp: 24409  
Ion Ratio Lower Upper  
70 100  
42 47.9 55.8 83.6#  
101 0.0 7.1 10.7#  
130 2.4 12.9 19.3#

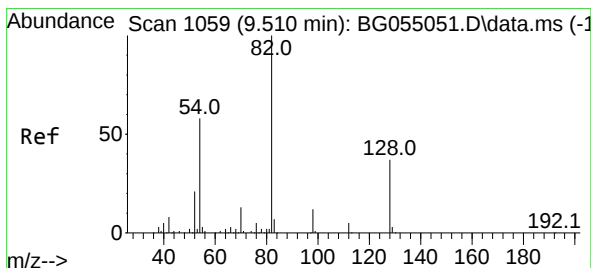
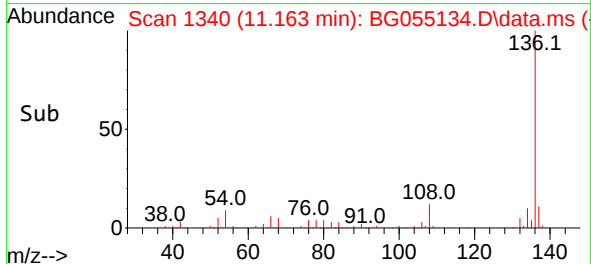
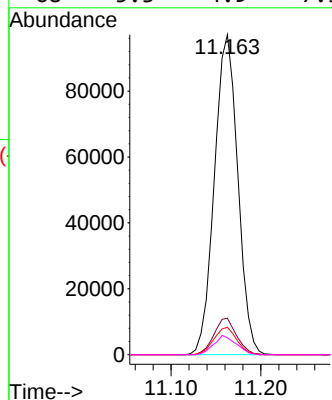
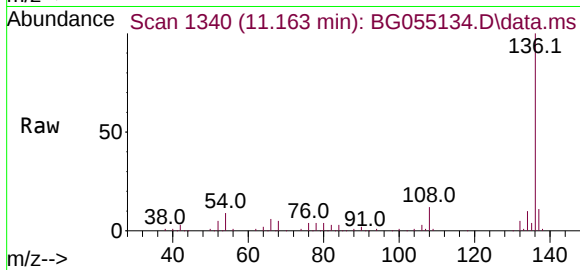




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.163 min Scan# 111  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

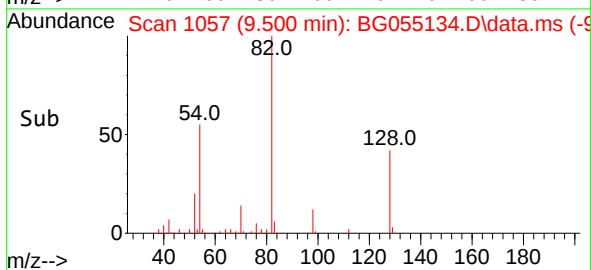
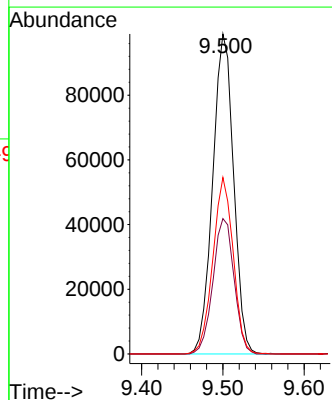
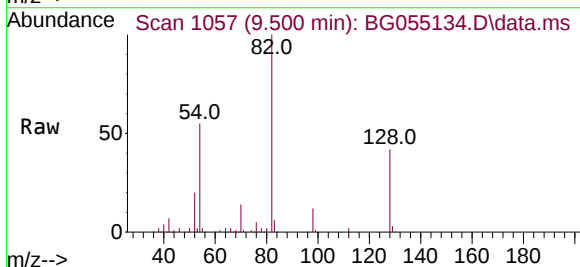
Instrument : BNA\_G  
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

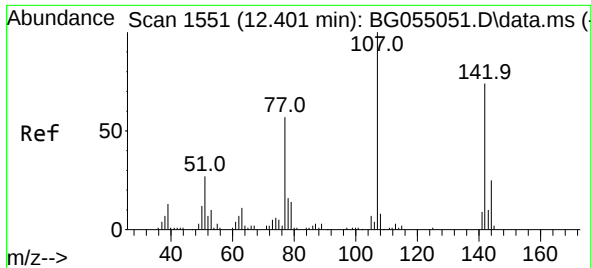
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 175526 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 8.7   | 13.1   |
| 54       | 8.5   | 8.2   | 12.4   |
| 68       | 5.3   | 4.9   | 7.3    |



#23  
Nitrobenzene-d5  
Concen: 60.134 ng  
RT: 9.500 min Scan# 1057  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 176643 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.3  | 29.5  | 44.3   |
| 54       | 55.1  | 46.7  | 70.1   |

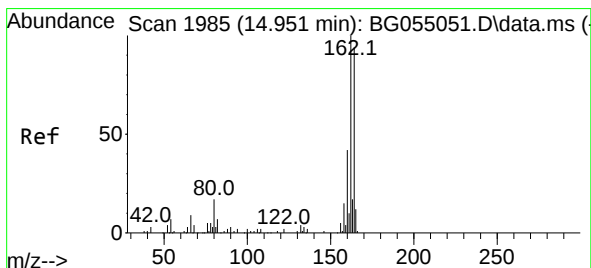
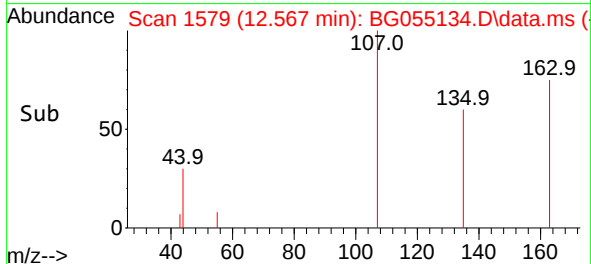
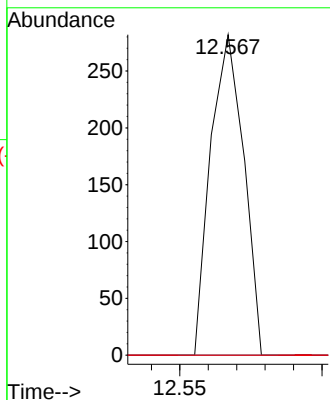
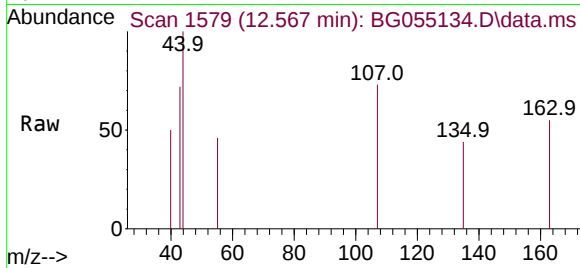




#36  
4-Chloro-3-methylphenol  
Concen: 2.974 ng  
RT: 12.567 min Scan# 11  
Delta R.T. 0.169 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

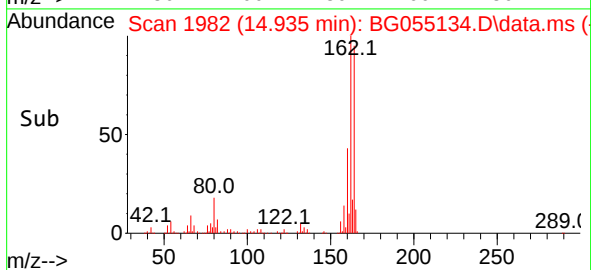
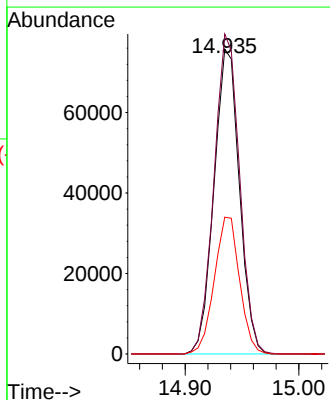
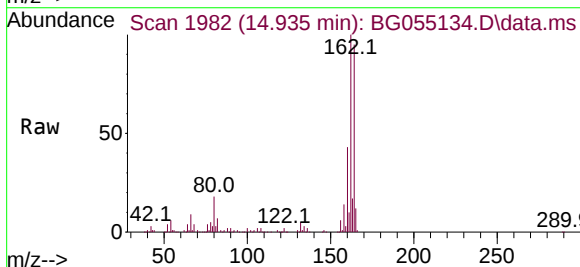
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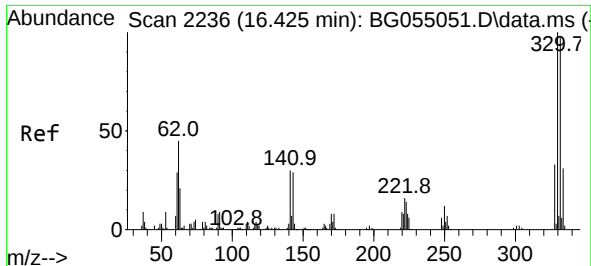
Tgt Ion:107 Resp: 228  
Ion Ratio Lower Upper  
107 100  
144 0.0 19.7 29.5#  
142 0.0 59.3 88.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.935 min Scan# 1982  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:164 Resp: 117535  
Ion Ratio Lower Upper  
164 100  
162 104.9 85.5 128.3  
160 44.8 35.5 53.3

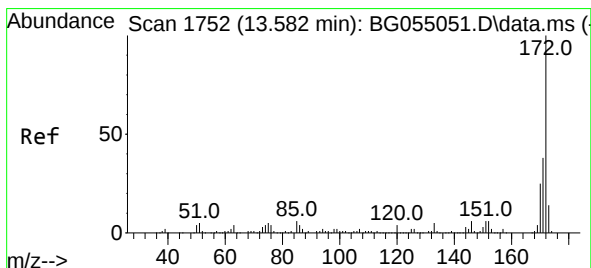
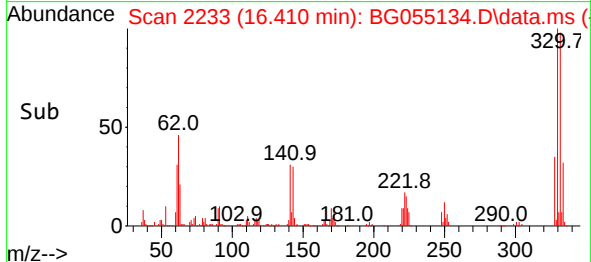
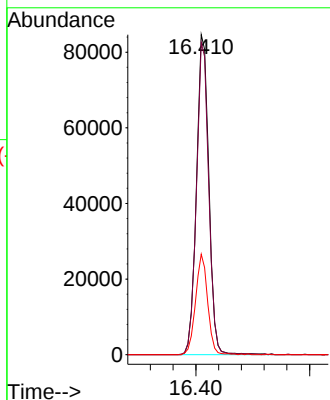
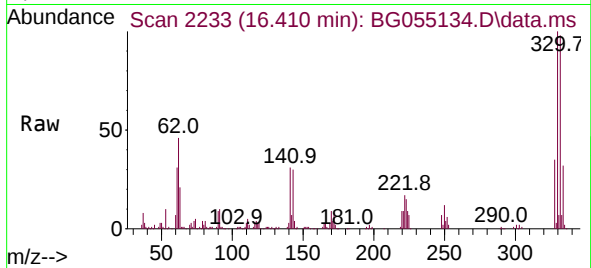




#42  
2,4,6-Tribromophenol  
Concen: 106.333 ng  
RT: 16.410 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

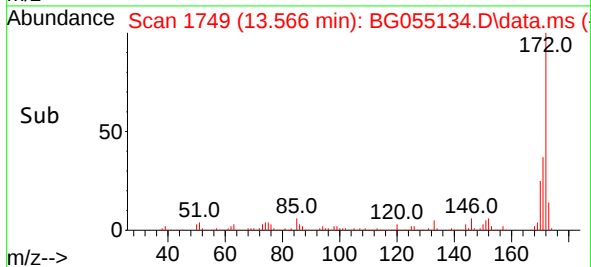
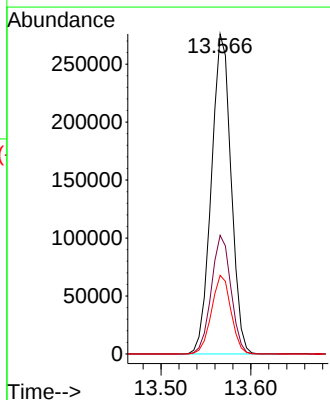
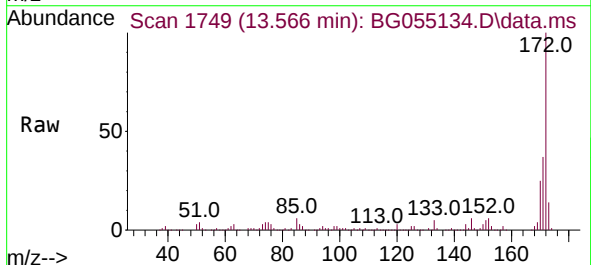
Instrument :  
BNA\_G  
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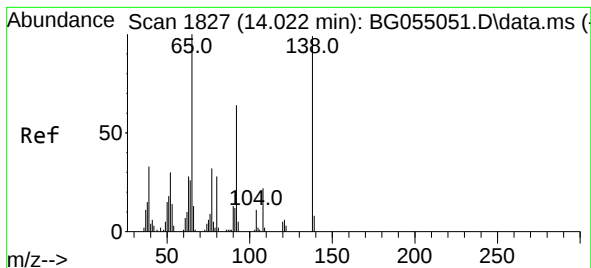
Tgt Ion:330 Resp: 128403  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.4 116.0  
141 30.6 25.0 37.4



#45  
2-Fluorobiphenyl  
Concen: 55.812 ng  
RT: 13.566 min Scan# 1749  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:172 Resp: 420199  
Ion Ratio Lower Upper  
172 100  
171 37.0 30.1 45.1  
170 24.6 20.0 30.0





#48

2-Nitroaniline

Concen: 4.110 ng

RT: 14.294 min Scan# 1827

Delta R.T. 0.275 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

Instrument :

BNA\_G

ClientSampleId :

MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

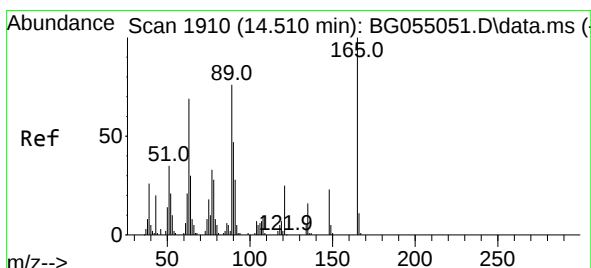
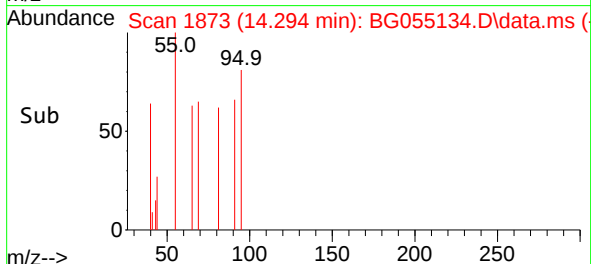
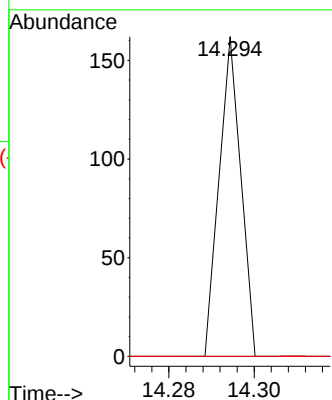
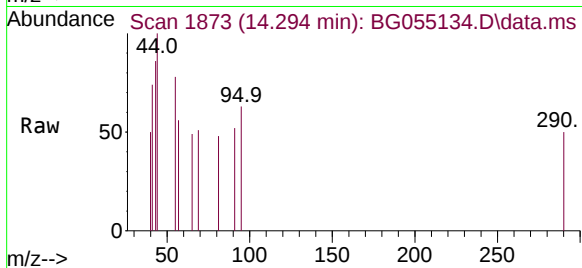
Tgt Ion: 65 Resp: 57

Ion Ratio Lower Upper

65 100

92 0.0 50.9 76.3#

138 0.0 79.5 119.3#



#51

2,6-Dinitrotoluene

Concen: 12.338 ng

RT: 14.935 min Scan# 1982

Delta R.T. 0.428 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

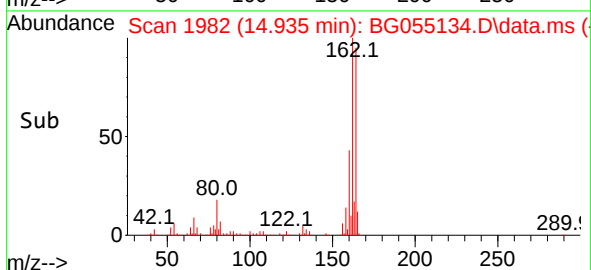
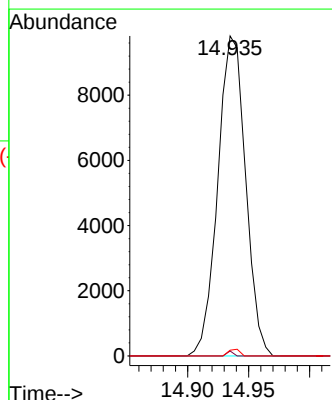
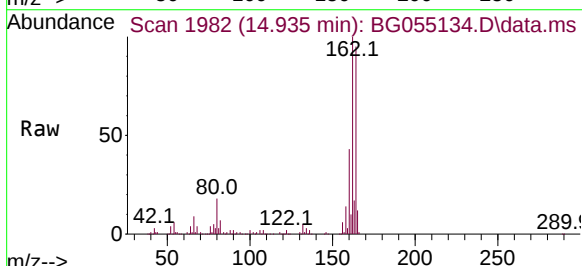
Tgt Ion: 165 Resp: 15573

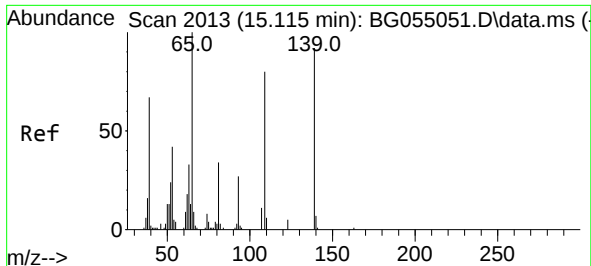
Ion Ratio Lower Upper

165 100

63 1.5 56.2 84.4#

89 1.8 60.4 90.6#

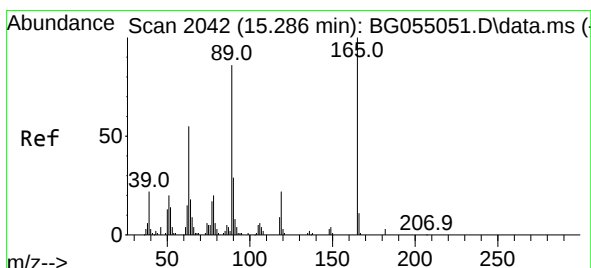
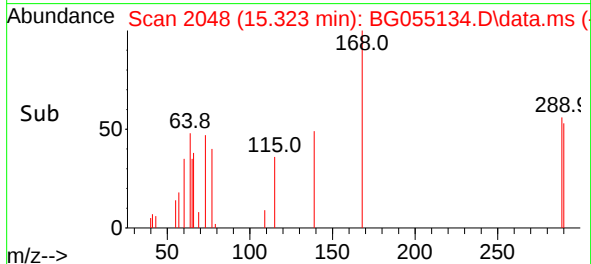
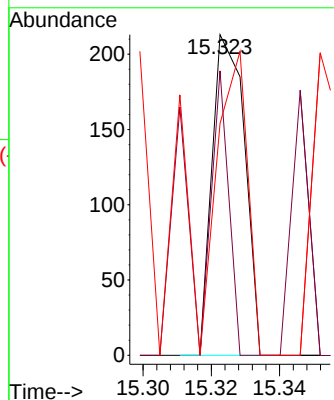
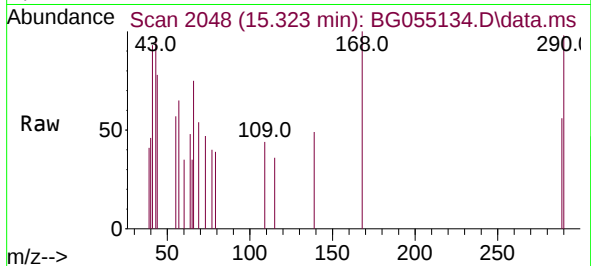




#56  
4-Nitrophenol  
Concen: 5.006 ng  
RT: 15.323 min Scan# 2048  
Delta R.T. 0.210 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

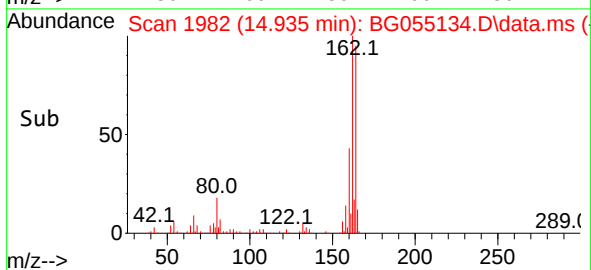
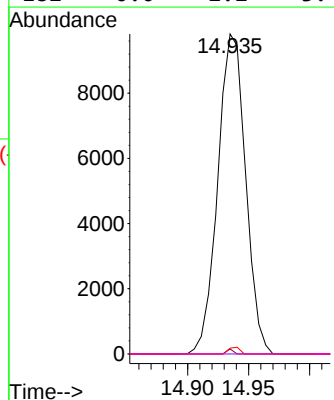
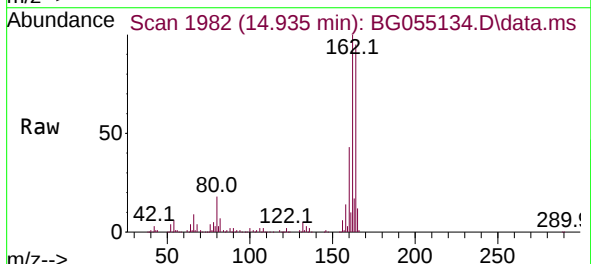
Instrument :  
BNA\_G  
ClientSampleId :  
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

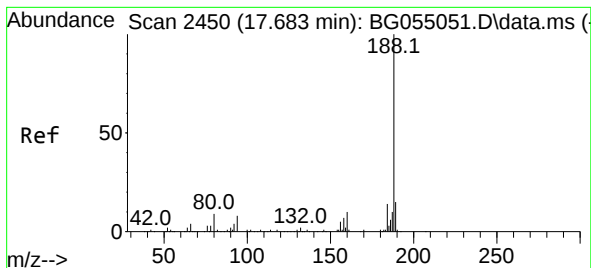
Tgt Ion:139 Resp: 140  
Ion Ratio Lower Upper  
139 100  
109 88.7 66.6 106.6  
65 72.3 88.5 128.5#



#57  
2,4-Dinitrotoluene  
Concen: 10.061 ng  
RT: 14.935 min Scan# 1982  
Delta R.T. -0.348 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:165 Resp: 15573  
Ion Ratio Lower Upper  
165 100  
63 1.5 44.2 66.2#  
89 1.8 69.0 103.6#  
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.673 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

Instrument :

BNA\_G

ClientSampleId :

MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

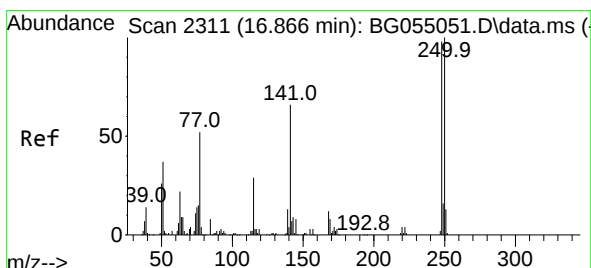
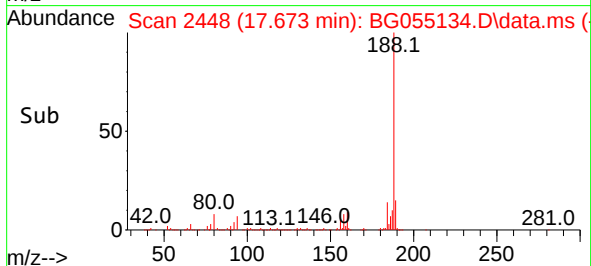
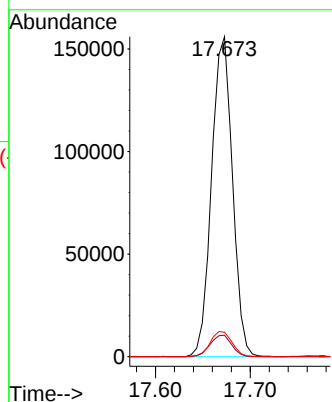
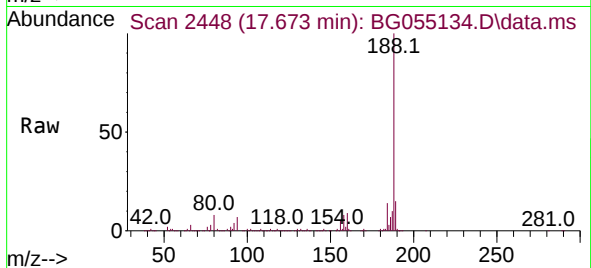
Tgt Ion:188 Resp: 238807

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.2

80 7.7 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.172 ng

RT: 16.410 min Scan# 2233

Delta R.T. -0.448 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

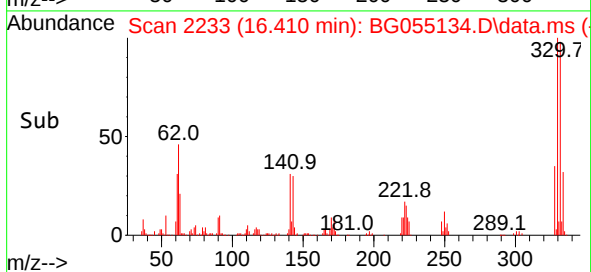
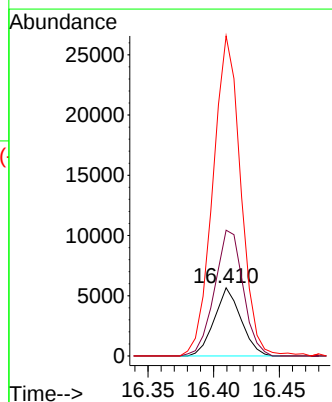
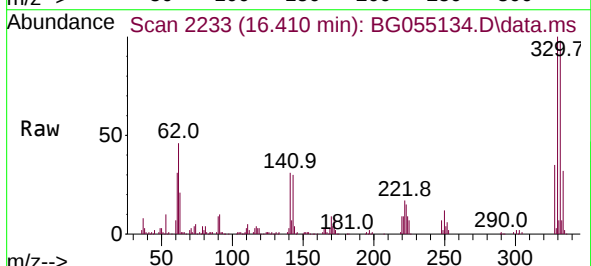
Tgt Ion:248 Resp: 8012

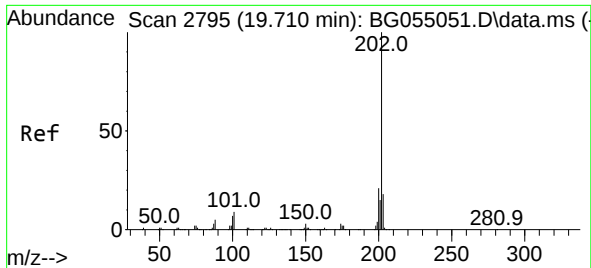
Ion Ratio Lower Upper

248 100

250 184.3 81.7 122.5#

141 469.2 53.7 80.5#

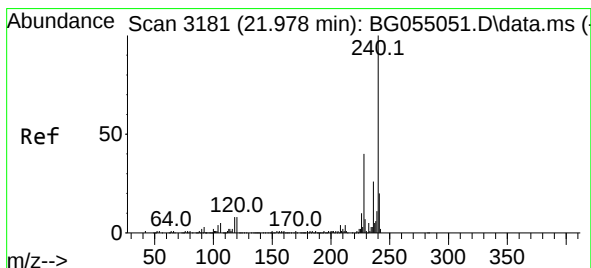
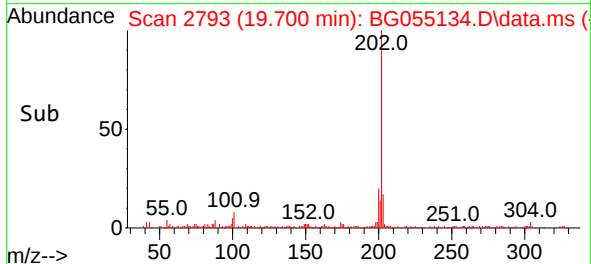
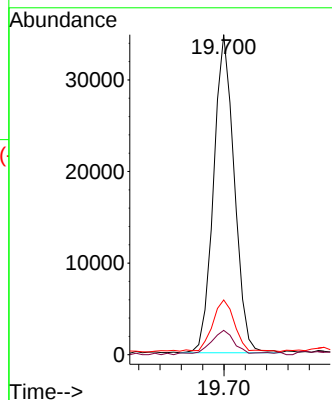
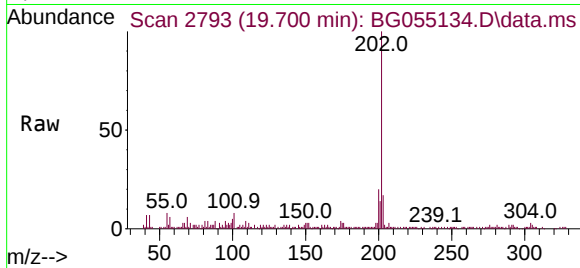




#75  
Fluoranthene  
Concen: 2.991 ng  
RT: 19.700 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

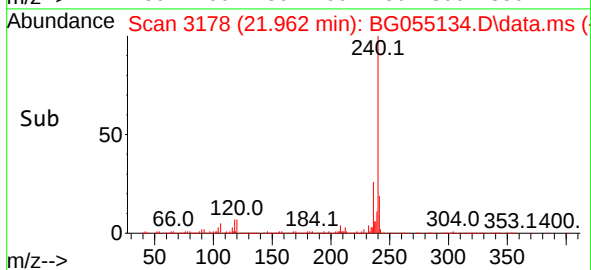
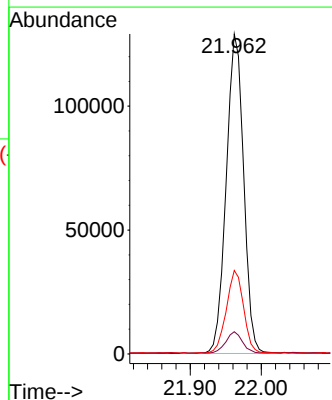
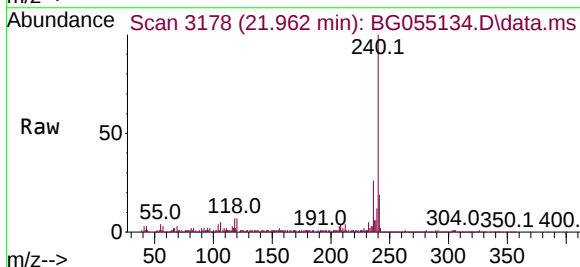
Instrument :  
BNA\_G  
ClientSampleId :  
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

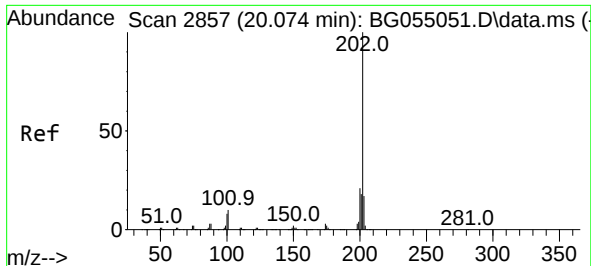
Tgt Ion:202 Resp: 46813  
Ion Ratio Lower Upper  
202 100  
101 7.6 0.0 28.9  
203 17.1 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.962 min Scan# 3178  
Delta R.T. -0.007 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:240 Resp: 218910  
Ion Ratio Lower Upper  
240 100  
120 6.9 6.2 9.4  
236 26.1 20.6 30.8

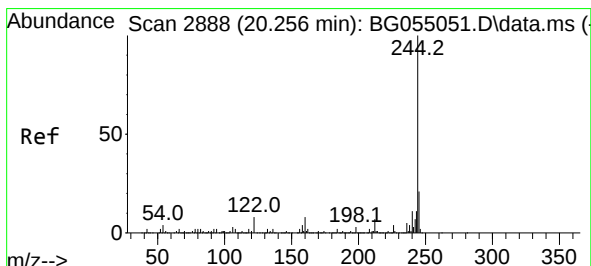
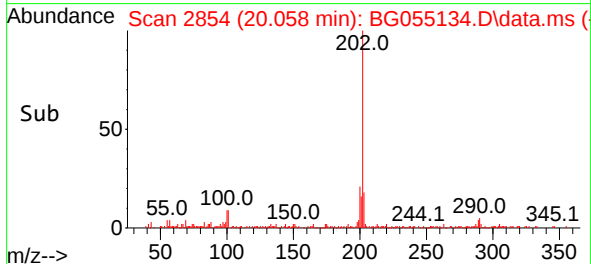
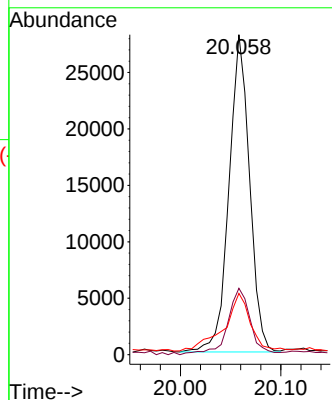
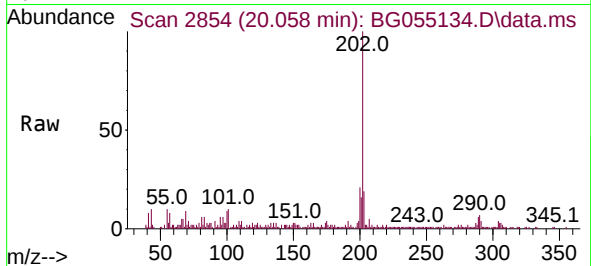




#78  
 Pyrene  
 Concen: 2.754 ng  
 RT: 20.058 min Scan# 21  
 Delta R.T. -0.007 min  
 Lab File: BG055134.D  
 Acq: 11 Oct 2022 20:06

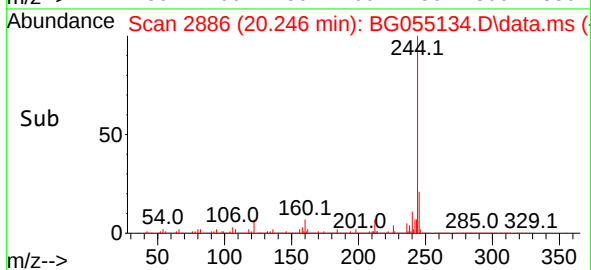
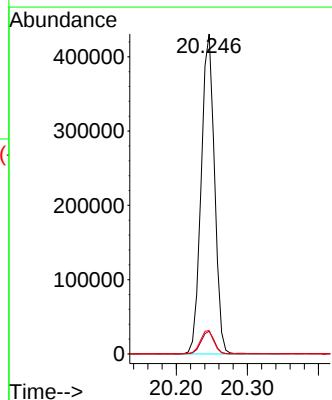
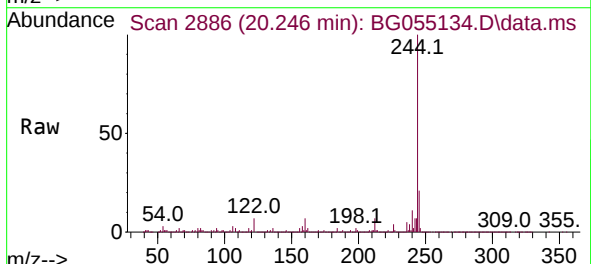
Instrument :  
 BNA\_G  
 ClientSampleId :  
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

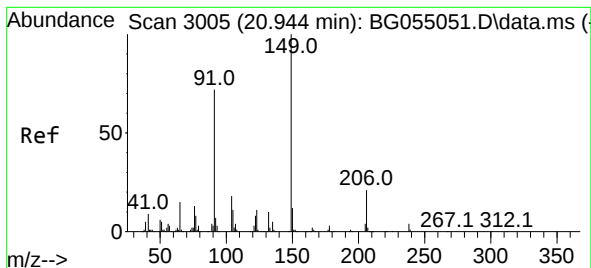
Tgt Ion:202 Resp: 40086  
 Ion Ratio Lower Upper  
 202 100  
 200 20.7 16.6 25.0  
 203 19.1 14.0 21.0



#79  
 Terphenyl-d14  
 Concen: 52.066 ng  
 RT: 20.246 min Scan# 2886  
 Delta R.T. -0.007 min  
 Lab File: BG055134.D  
 Acq: 11 Oct 2022 20:06

Tgt Ion:244 Resp: 563915  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 7.3 6.6 10.0





#80

Butylbenzylphthalate

Concen: 4.959 ng

RT: 20.922 min Scan# 3005

Delta R.T. -0.013 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

Instrument :

BNA\_G

ClientSampleId :

MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

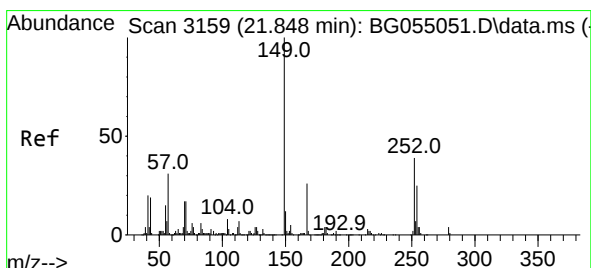
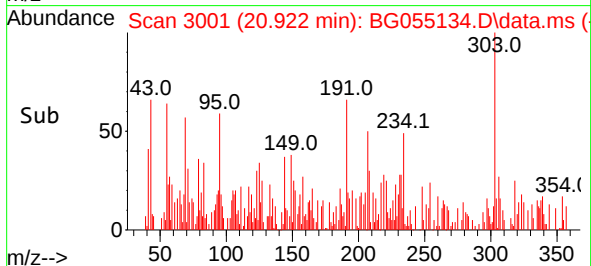
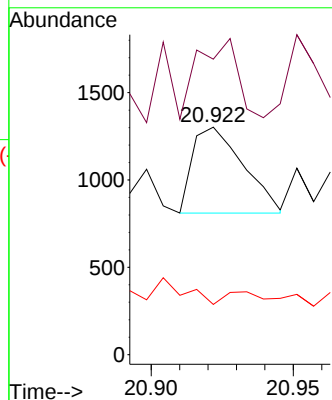
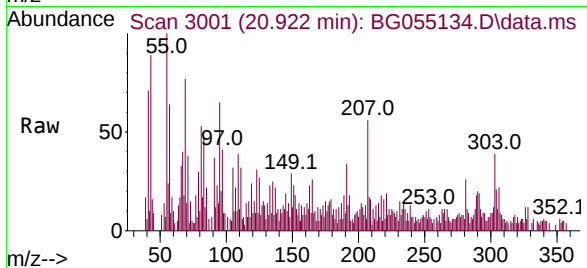
Tgt Ion:149 Resp: 609

Ion Ratio Lower Upper

149 100

91 129.9 57.8 86.8#

206 22.1 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.717 ng

RT: 21.821 min Scan# 3154

Delta R.T. -0.013 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

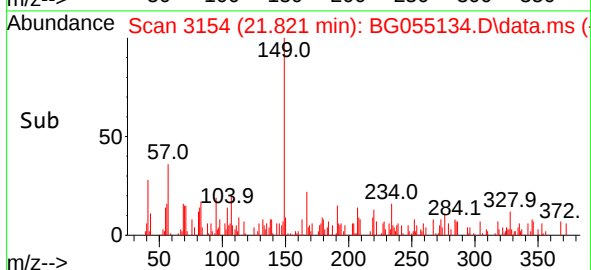
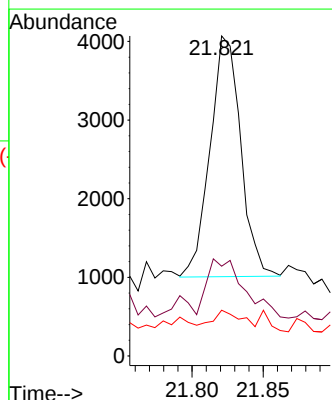
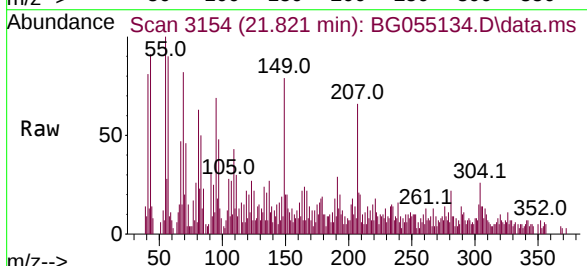
Tgt Ion:149 Resp: 4587

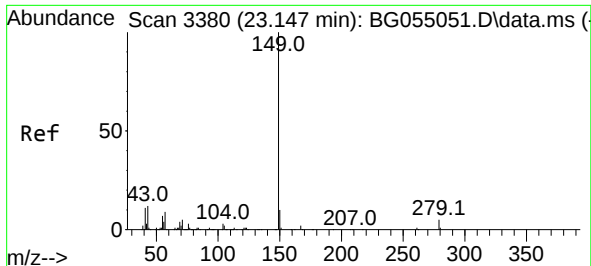
Ion Ratio Lower Upper

149 100

167 28.1 21.0 31.4

279 14.3 3.4 5.2#

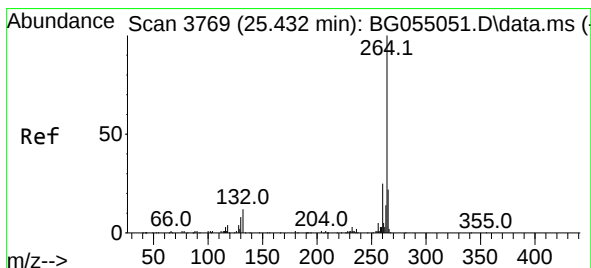
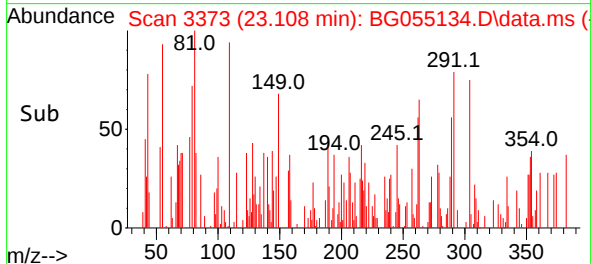
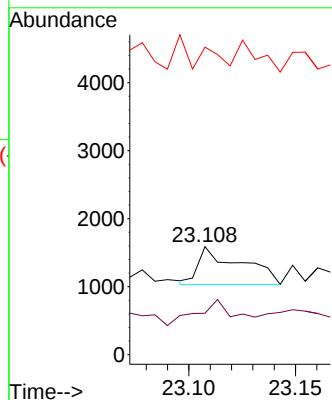
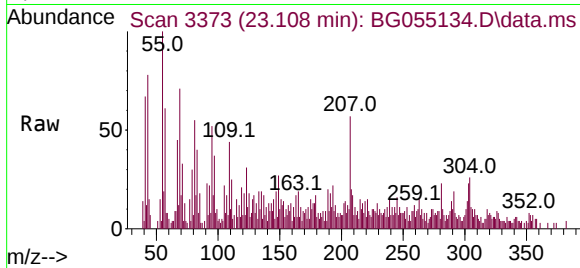




#85  
Di-n-octyl phthalate  
Concen: 4.402 ng  
RT: 23.108 min Scan# 31  
Delta R.T. -0.019 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

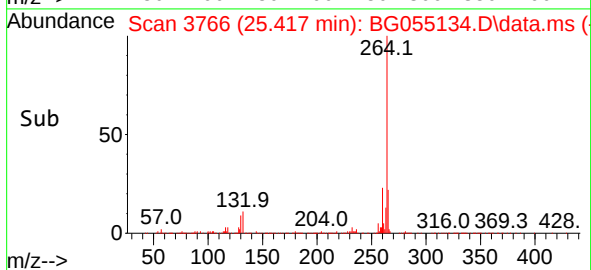
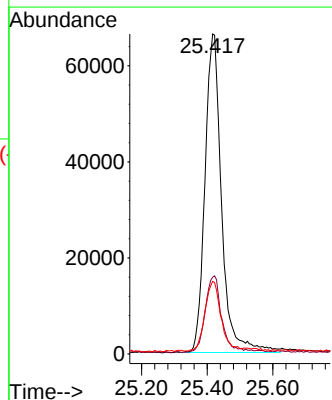
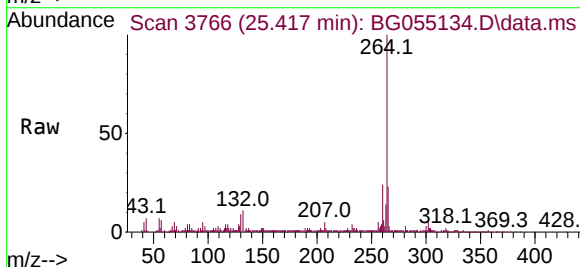
Instrument :  
BNA\_G  
ClientSampleId :  
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

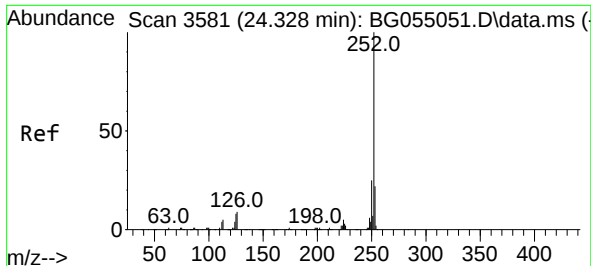
Tgt Ion:149 Resp: 766  
Ion Ratio Lower Upper  
149 100  
167 60.2 1.3 1.9#  
43 0.0 10.2 15.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.417 min Scan# 3766  
Delta R.T. -0.001 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:264 Resp: 234416  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.7 29.5  
265 22.7 17.8 26.6

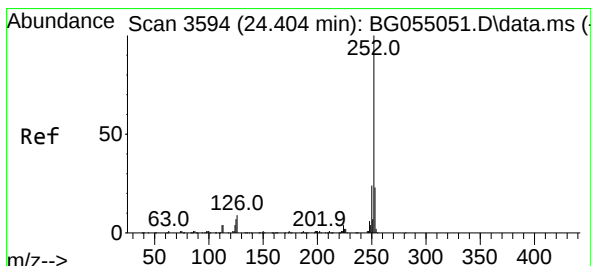
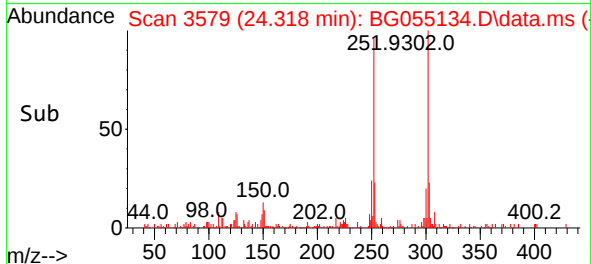
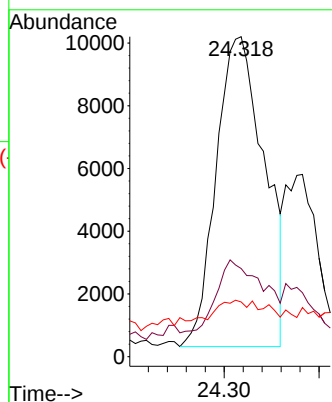
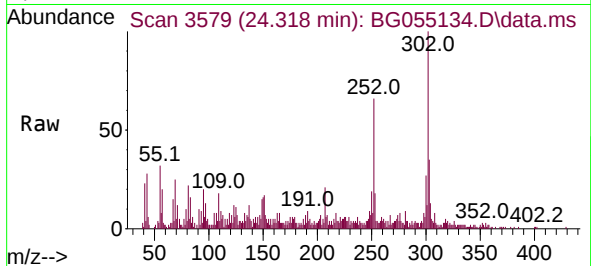




#88  
Benzo(b)fluoranthene  
Concen: 2.523 ng  
RT: 24.318 min Scan# 3579  
Delta R.T. -0.001 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Instrument : BNA\_G  
ClientSampleId : MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Tgt Ion:252 Resp: 34848  
Ion Ratio Lower Upper  
252 100  
253 27.6 17.9 26.9#  
125 17.1 6.1 9.1#



#89  
Benzo(k)fluoranthene  
Concen: 2.504 ng  
RT: 24.318 min Scan# 3579  
Delta R.T. -0.072 min  
Lab File: BG055134.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:252 Resp: 34848  
Ion Ratio Lower Upper  
252 100  
253 27.6 17.9 26.9#  
125 17.1 5.8 8.6#

