

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070823\  
 Data File : BF134159.D  
 Acq On : 08 Jul 2023 21:04  
 Operator : CG\JU  
 Sample : 03516-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jul 09 00:41:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 30 18:35:29 2023  
 Response via : Initial Calibration

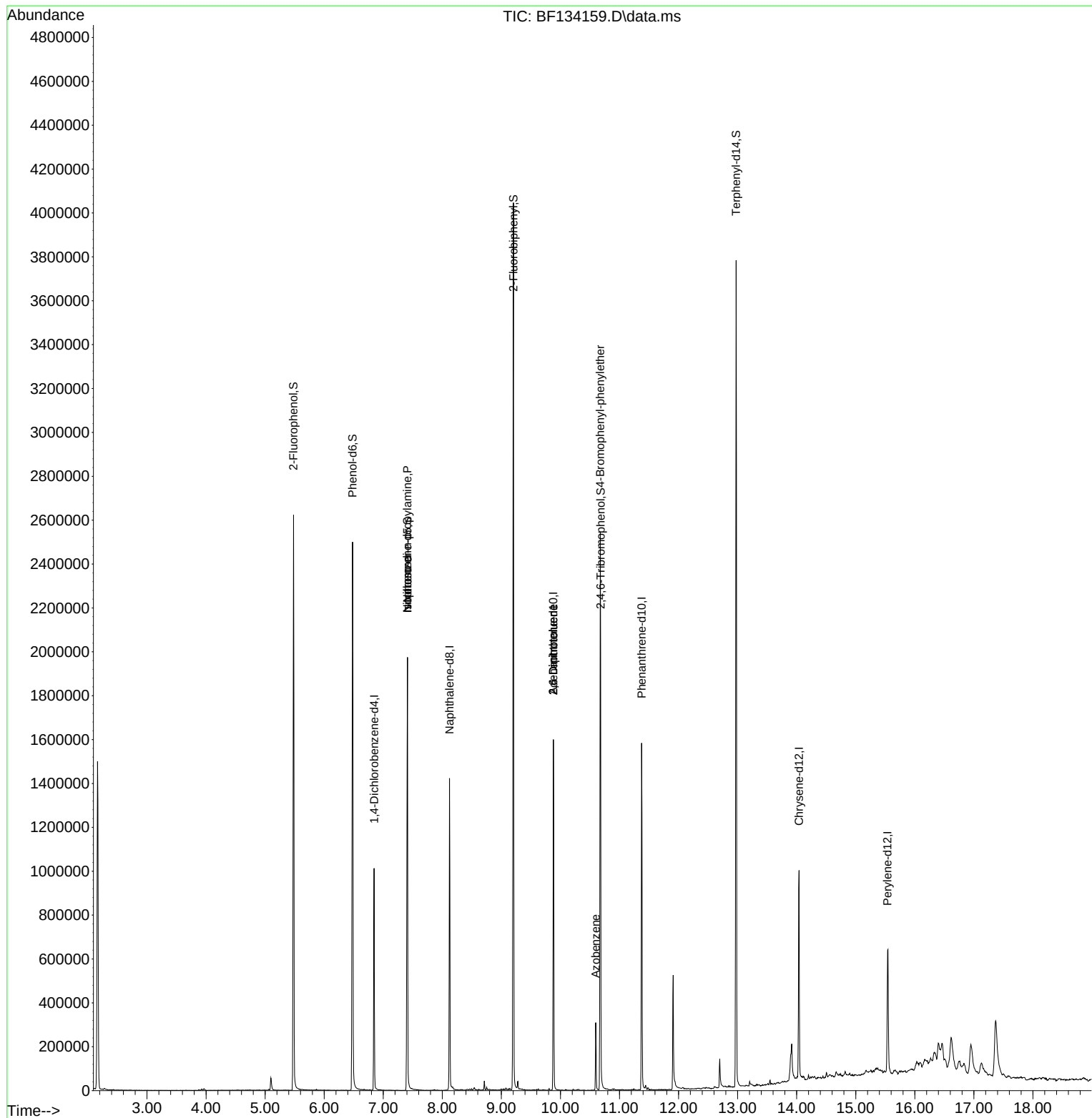
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 141267   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 589702   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.880  | 164  | 309202   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.374 | 188  | 594676   | 20.000    | ng    | -0.01    |
| 76) Chrysene-d12              | 14.039 | 240  | 342313   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 15.539 | 264  | 295937   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 685451   | 81.166    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 879514   | 84.684    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 606698   | 55.459    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 324350   | 83.665    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1206707  | 56.740    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.974 | 244  | 1381253  | 64.941    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.481  | 77   | 1491     | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 85054    | 12.914    | ng    | # 77     |
| 25) Isophorone                | 7.410  | 82   | 606692   | 30.515    | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.880  | 165  | 39117    | 8.092     | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.880  | 165  | 39117    | 6.127     | ng    | # 22     |
| 63) Azobenzene                | 10.598 | 77   | 51541    | 2.330     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.675 | 248  | 19924    | 3.152     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

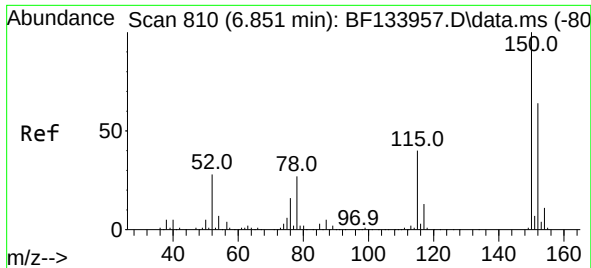
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070823\  
Data File : BF134159.D  
Acq On : 08 Jul 2023 21:04  
Operator : CG\JU  
Sample : 03516-01  
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ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

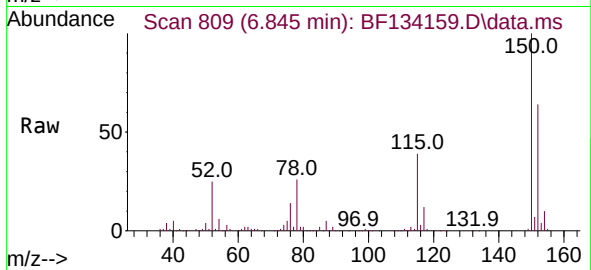
Quant Time: Jul 09 00:41:23 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 30 18:35:29 2023  
Response via : Initial Calibration



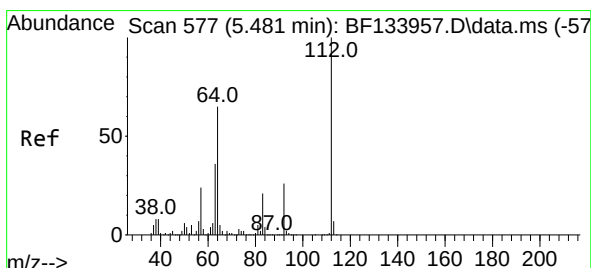
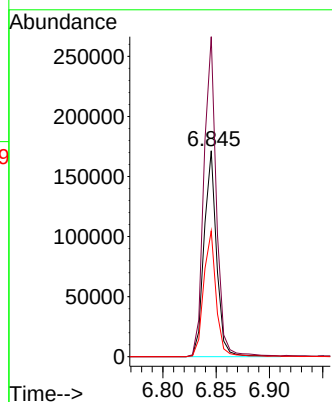
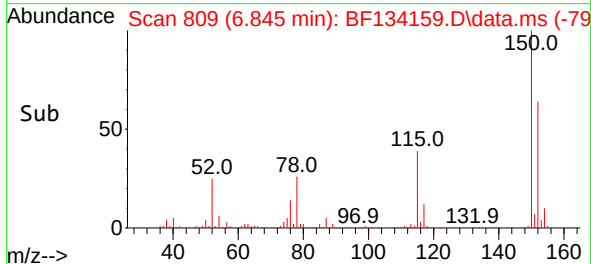


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.845 min Scan# 810  
 Delta R.T. -0.006 min  
 Lab File: BF134159.D  
 Acq: 08 Jul 2023 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :

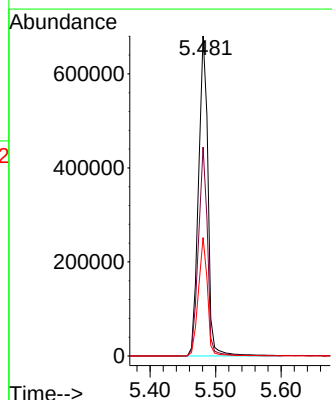
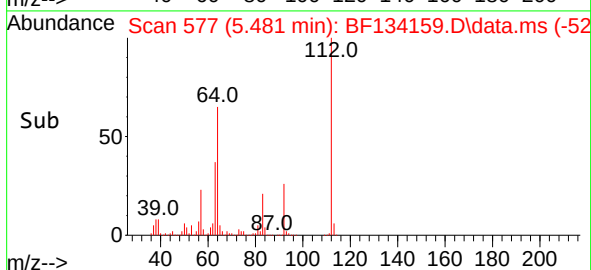
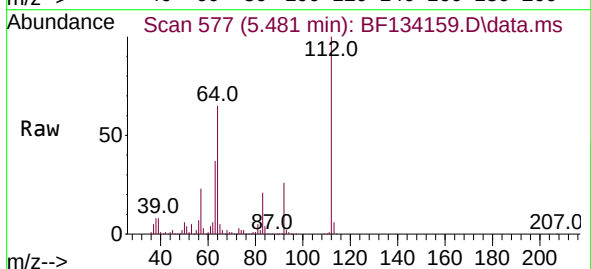


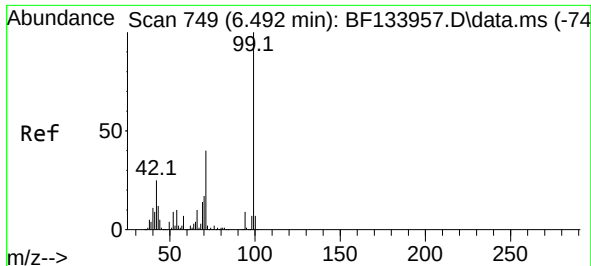
Tgt Ion:152 Resp: 141267  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 124.5 186.7  
 115 61.1 50.2 75.2



#5  
 2-Fluorophenol  
 Concen: 81.166 ng  
 RT: 5.481 min Scan# 577  
 Delta R.T. -0.006 min  
 Lab File: BF134159.D  
 Acq: 08 Jul 2023 21:04

Tgt Ion:112 Resp: 685451  
 Ion Ratio Lower Upper  
 112 100  
 64 65.2 52.1 78.1  
 63 37.0 28.6 42.8





#7

Phenol-d6

Concen: 84.684 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.012 min

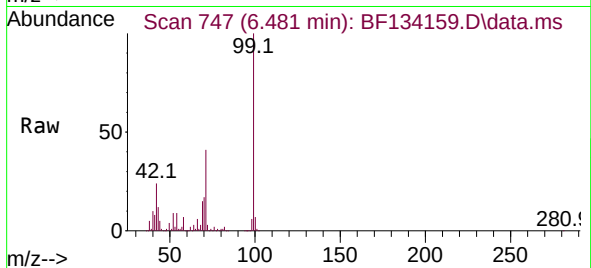
Lab File: BF134159.D

Acq: 08 Jul 2023 21:04

Instrument :

BNA\_F

ClientSampleId :



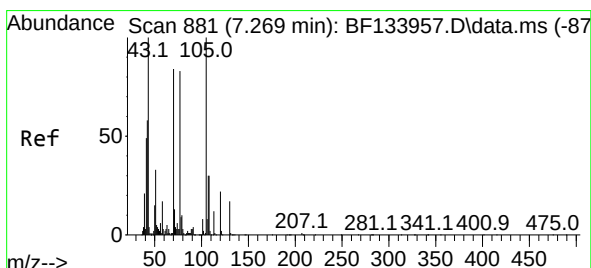
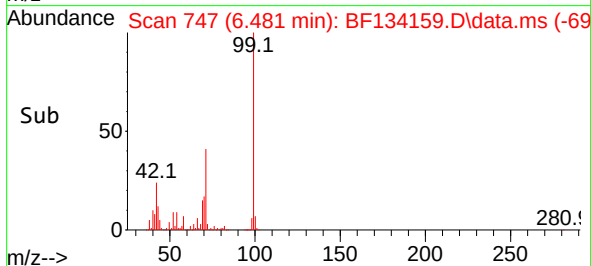
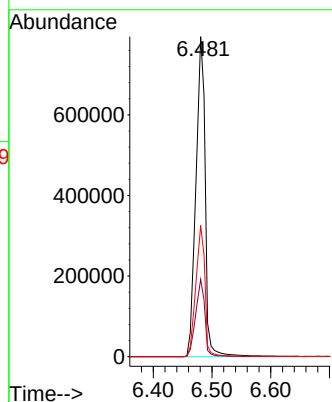
Tgt Ion: 99 Resp: 879514

Ion Ratio Lower Upper

99 100

42 24.2 19.8 29.6

71 41.0 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.914 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.141 min

Lab File: BF134159.D

Acq: 08 Jul 2023 21:04

Tgt Ion: 70 Resp: 85054

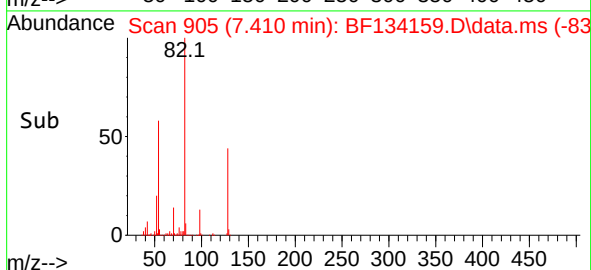
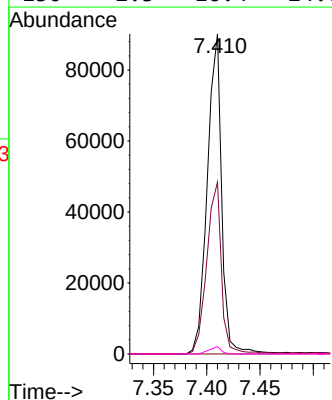
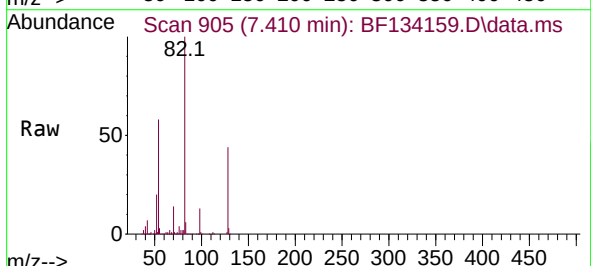
Ion Ratio Lower Upper

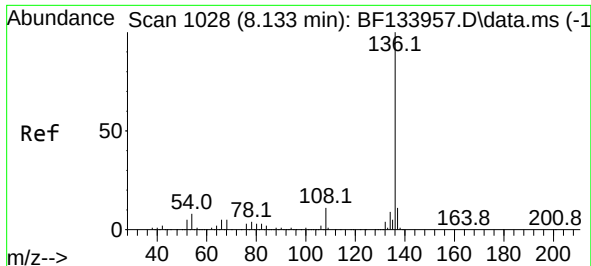
70 100

42 53.7 54.7 82.1#

101 0.0 7.7 11.5#

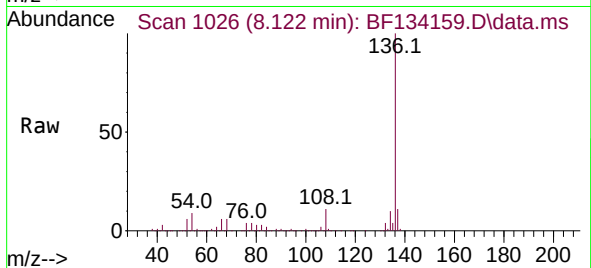
130 2.3 16.4 24.6#



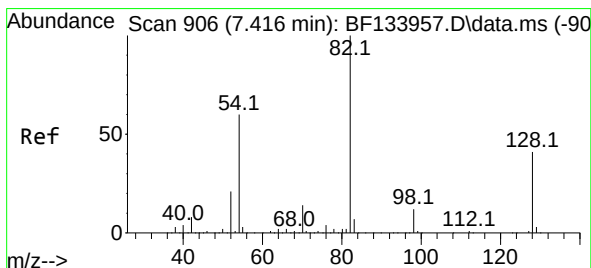
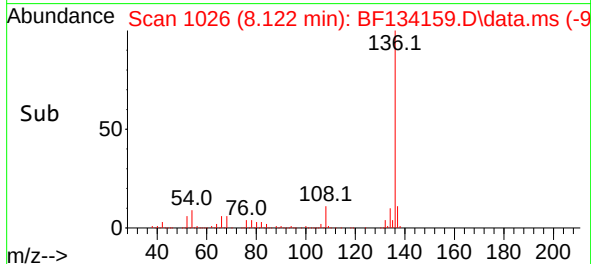
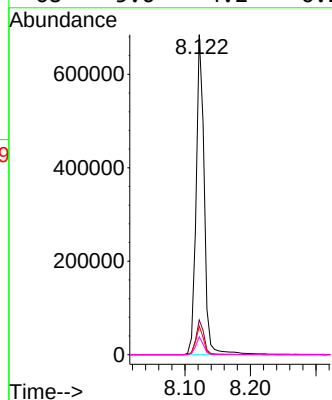


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.012 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

Instrument :  
BNA\_F  
ClientSampleId :

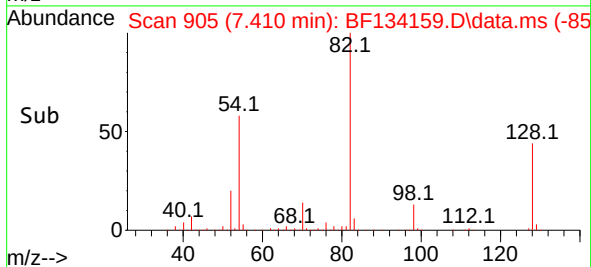
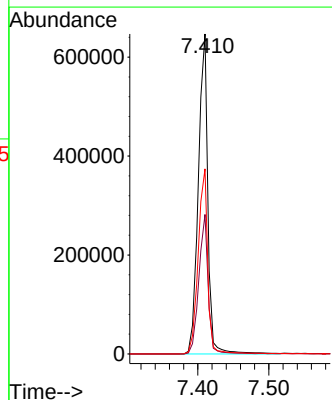
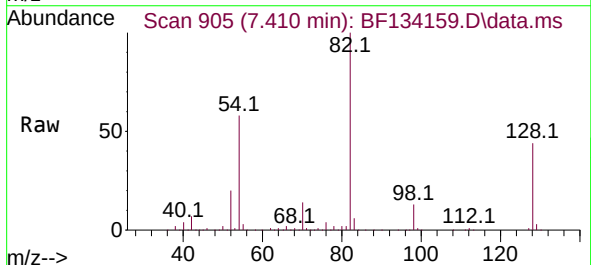


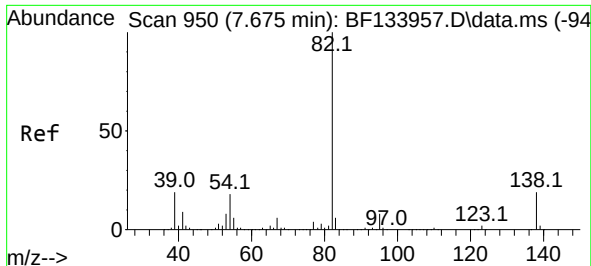
Tgt Ion:136 Resp: 589702  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 8.9 6.5 9.7  
68 5.6 4.2 6.2



#23  
Nitrobenzene-d5  
Concen: 55.459 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.012 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

Tgt Ion: 82 Resp: 606698  
Ion Ratio Lower Upper  
82 100  
128 43.6 32.5 48.7  
54 57.9 48.2 72.2

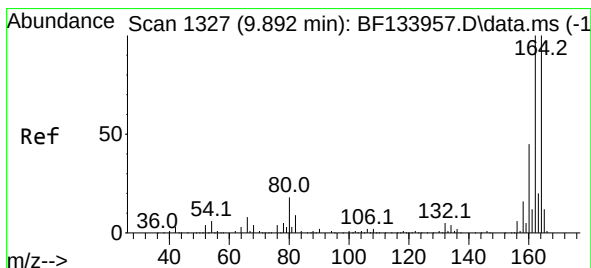
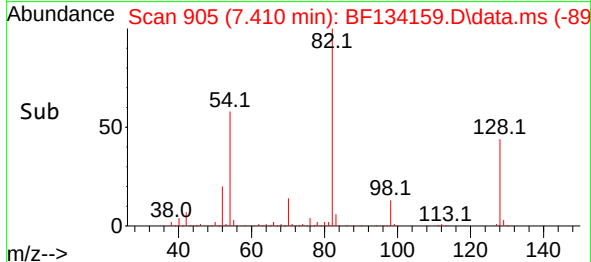
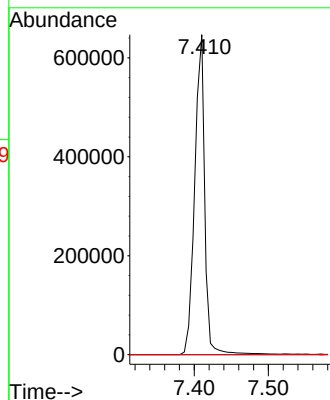
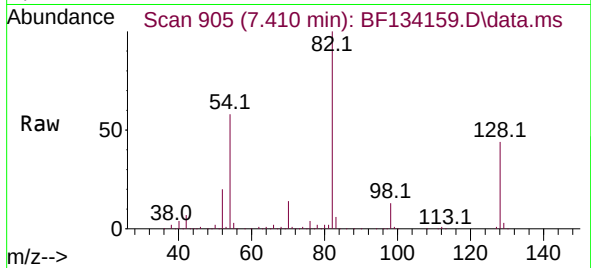




#25  
Isophorone  
Concen: 30.515 ng  
RT: 7.410 min Scan# 90  
Delta R.T. -0.265 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

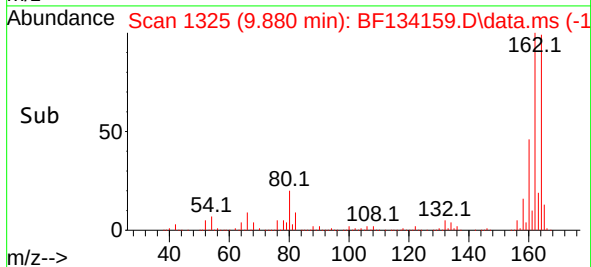
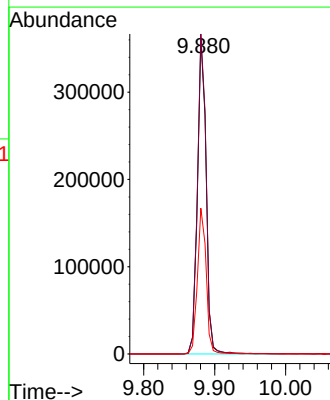
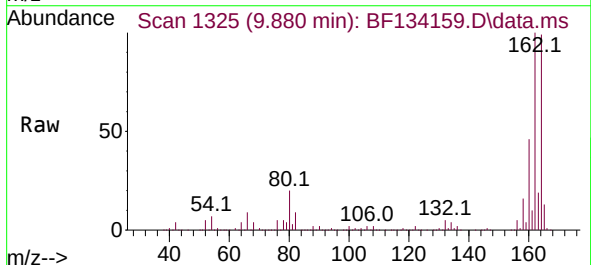
Instrument :  
BNA\_F  
ClientSampleId :

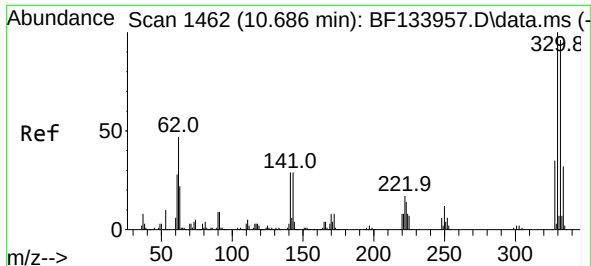
Tgt Ion: 82 Resp: 606692  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.1 9.1#  
138 0.0 15.2 22.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.880 min Scan# 1325  
Delta R.T. -0.012 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

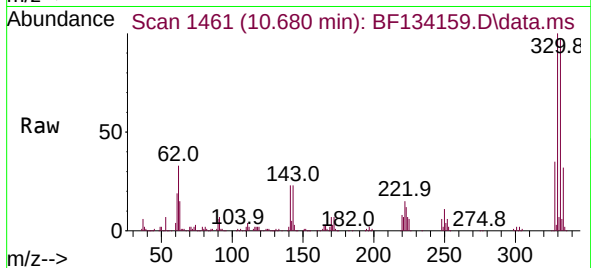
Tgt Ion:164 Resp: 309202  
Ion Ratio Lower Upper  
164 100  
162 101.2 80.0 120.0  
160 46.1 35.9 53.9



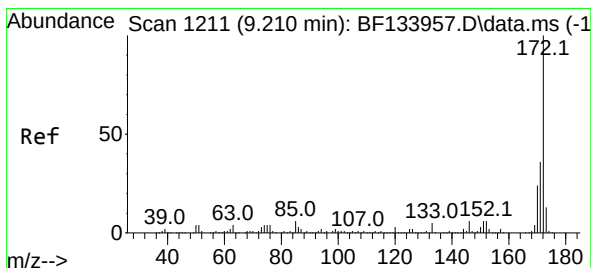
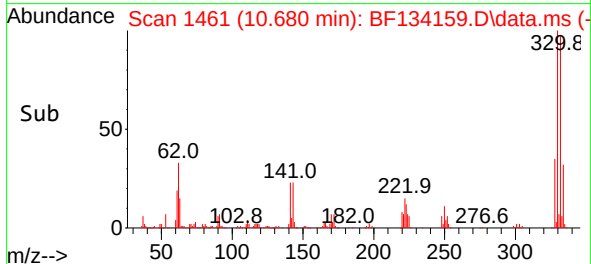
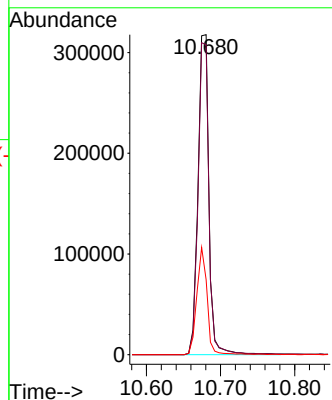


#42  
2,4,6-Tribromophenol  
Concen: 83.665 ng  
RT: 10.680 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

Instrument :  
BNA\_F  
ClientSampleId :

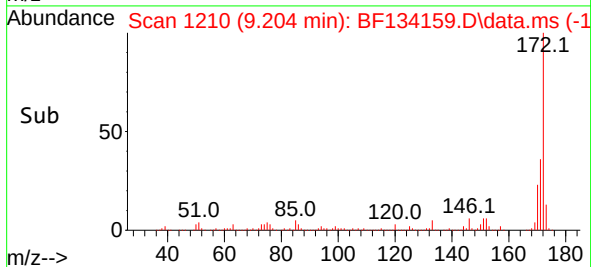
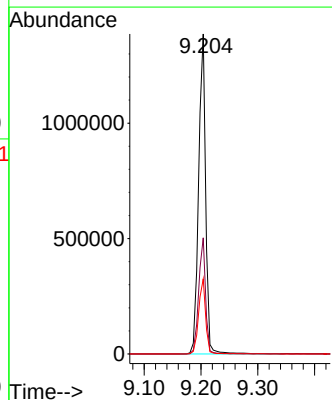
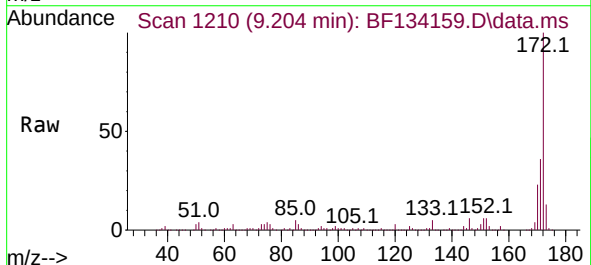


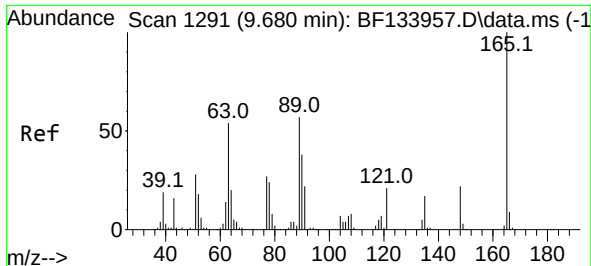
Tgt Ion: 330 Resp: 324350  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.6  
141 31.4 26.3 39.5



#45  
2-Fluorobiphenyl  
Concen: 56.740 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.006 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

Tgt Ion: 172 Resp: 1206707  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.6 43.0  
170 23.4 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.092 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134159.D

Acq: 08 Jul 2023 21:04

Instrument :

BNA\_F

ClientSampleId :

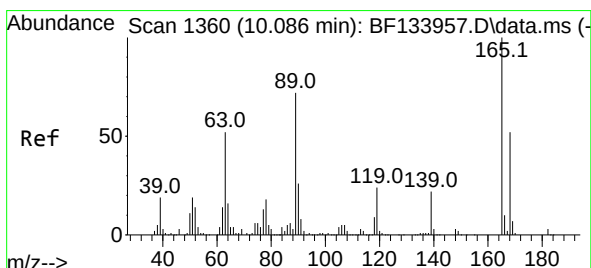
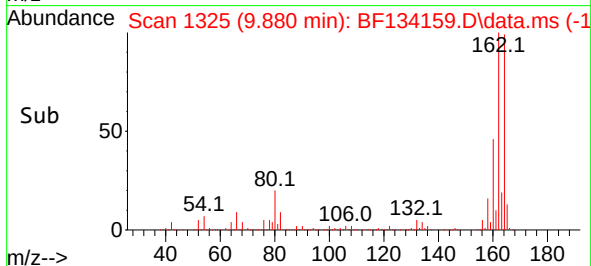
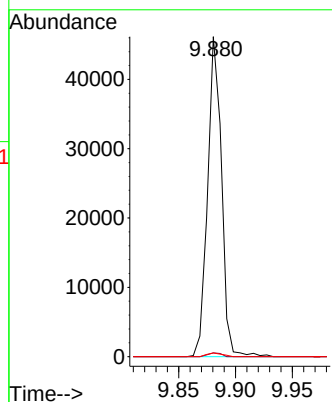
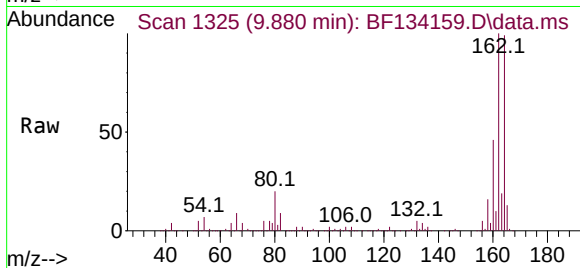
Tgt Ion:165 Resp: 39117

Ion Ratio Lower Upper

165 100

63 1.2 48.5 72.7#

89 1.2 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.127 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134159.D

Acq: 08 Jul 2023 21:04

Tgt Ion:165 Resp: 39117

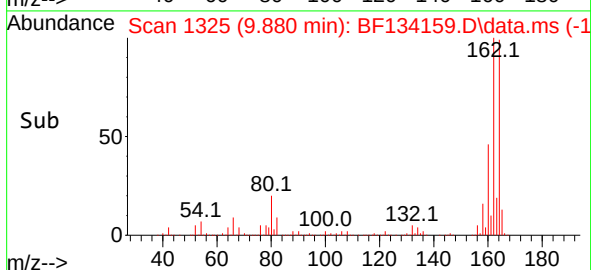
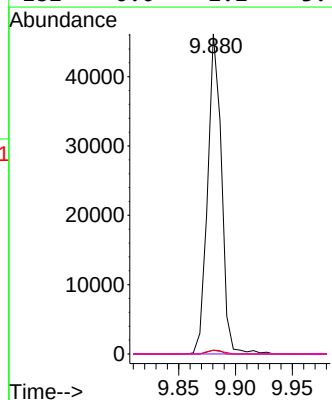
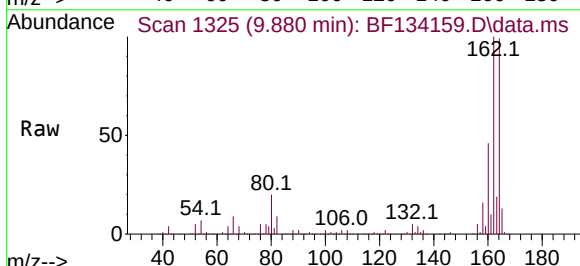
Ion Ratio Lower Upper

165 100

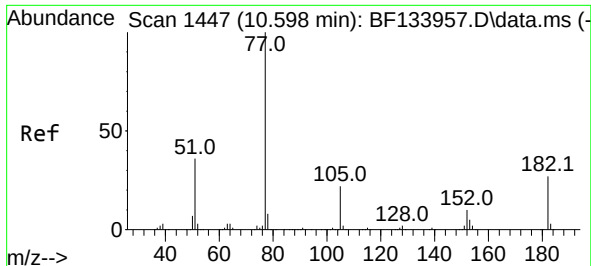
63 1.2 42.2 63.2#

89 1.2 57.4 86.2#

182 0.0 2.2 3.4#



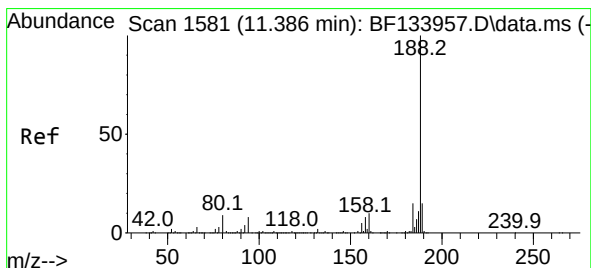
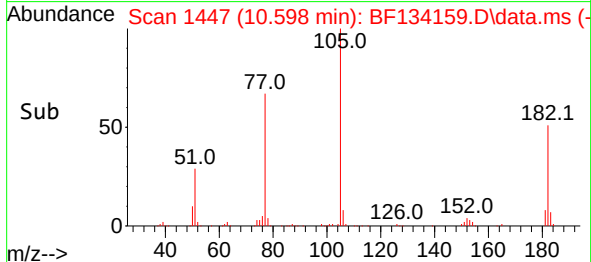
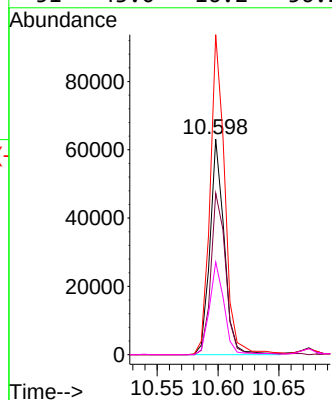
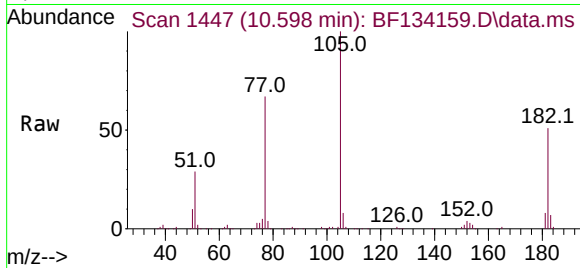




#63  
Azobenzene  
Concen: 2.330 ng  
RT: 10.598 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

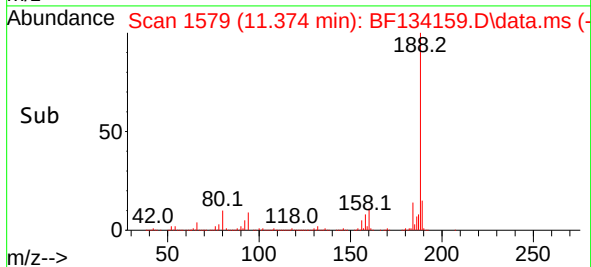
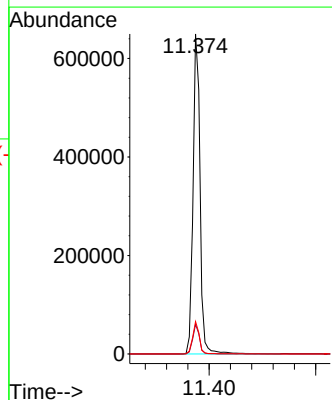
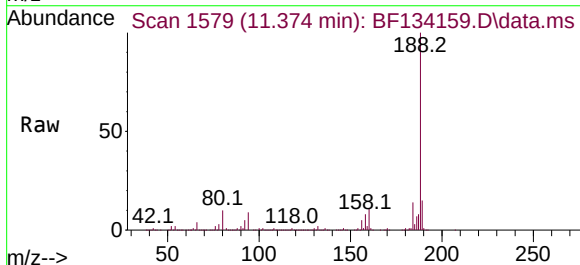
Instrument :  
BNA\_F  
ClientSampleId :

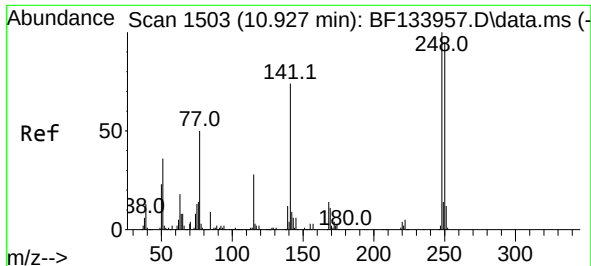
Tgt Ion: 77 Resp: 51541  
Ion Ratio Lower Upper  
77 100  
182 75.0 6.8 46.8#  
105 148.5 2.3 42.3#  
51 43.0 16.2 56.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.374 min Scan# 1579  
Delta R.T. -0.012 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

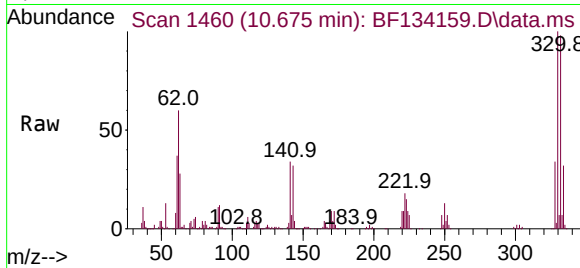
Tgt Ion:188 Resp: 594676  
Ion Ratio Lower Upper  
188 100  
94 9.3 6.4 9.6  
80 10.1 7.3 10.9



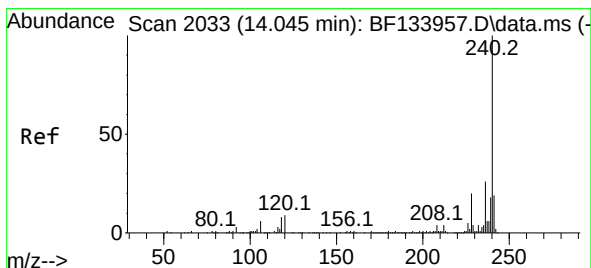
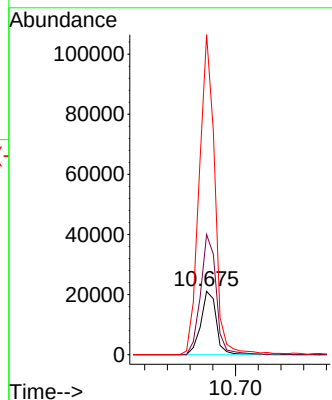
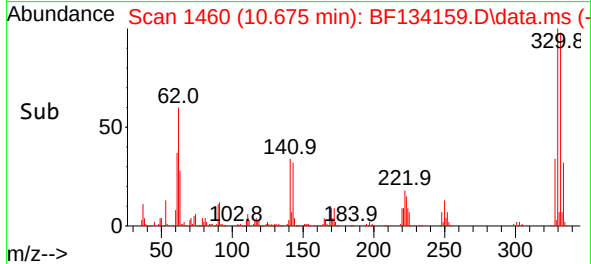


#67  
4-Bromophenyl-phenylether  
Concen: 3.152 ng  
RT: 10.675 min Scan# 14  
Delta R.T. -0.253 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

Instrument :  
BNA\_F  
ClientSampleId :

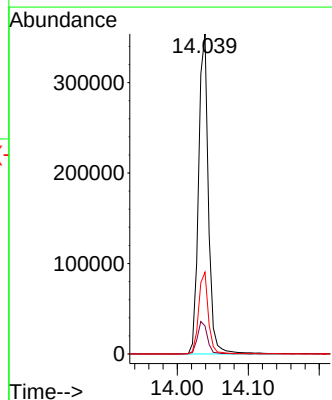
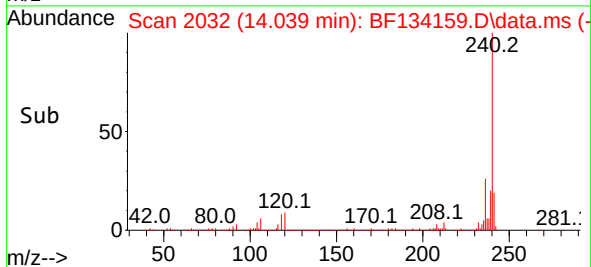
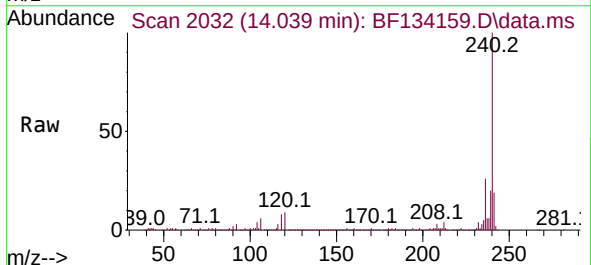


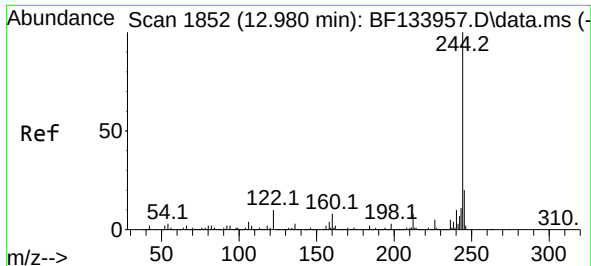
Tgt Ion:248 Resp: 19924  
Ion Ratio Lower Upper  
248 100  
250 189.6 76.2 114.4#  
141 504.9 59.0 88.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF134159.D  
Acq: 08 Jul 2023 21:04

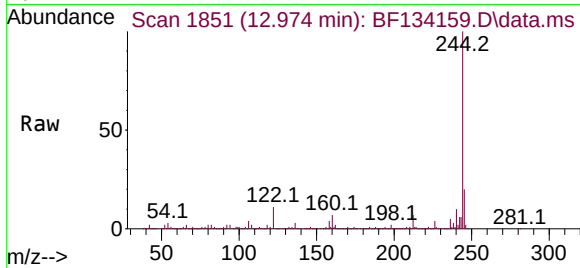
Tgt Ion:240 Resp: 342313  
Ion Ratio Lower Upper  
240 100  
120 8.8 7.4 11.0  
236 25.6 21.0 31.6



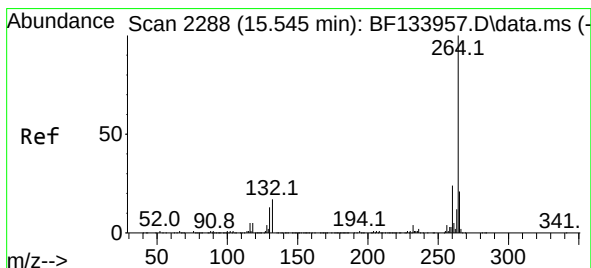
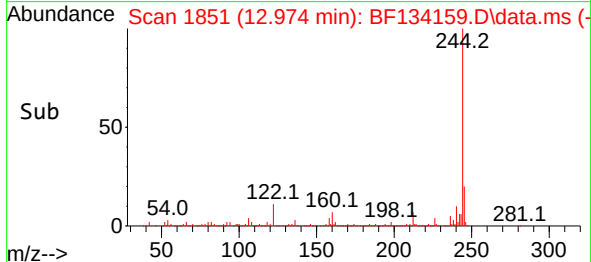
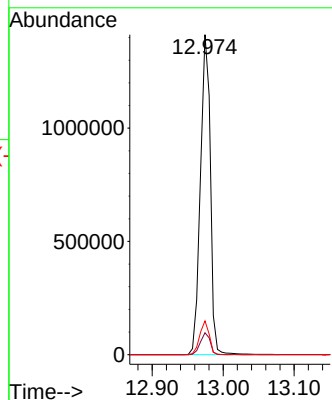


#79  
 Terphenyl-d14  
 Concen: 64.941 ng  
 RT: 12.974 min Scan# 1851  
 Delta R.T. -0.012 min  
 Lab File: BF134159.D  
 Acq: 08 Jul 2023 21:04

Instrument :  
 BNA\_F  
 ClientSampleId :



Tgt Ion:244 Resp: 1381253  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.0 9.0  
 122 10.6 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.539 min Scan# 2287  
 Delta R.T. -0.012 min  
 Lab File: BF134159.D  
 Acq: 08 Jul 2023 21:04

Tgt Ion:264 Resp: 295937  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 19.5 29.3  
 265 21.5 16.6 25.0

