

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072823\  
 Data File : BF134527.D  
 Acq On : 28 Jul 2023 21:40  
 Operator : CG\JU  
 Sample : 03645-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-(3-5)

Quant Time: Jul 29 01:28:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 27 12:16:03 2023  
 Response via : Initial Calibration

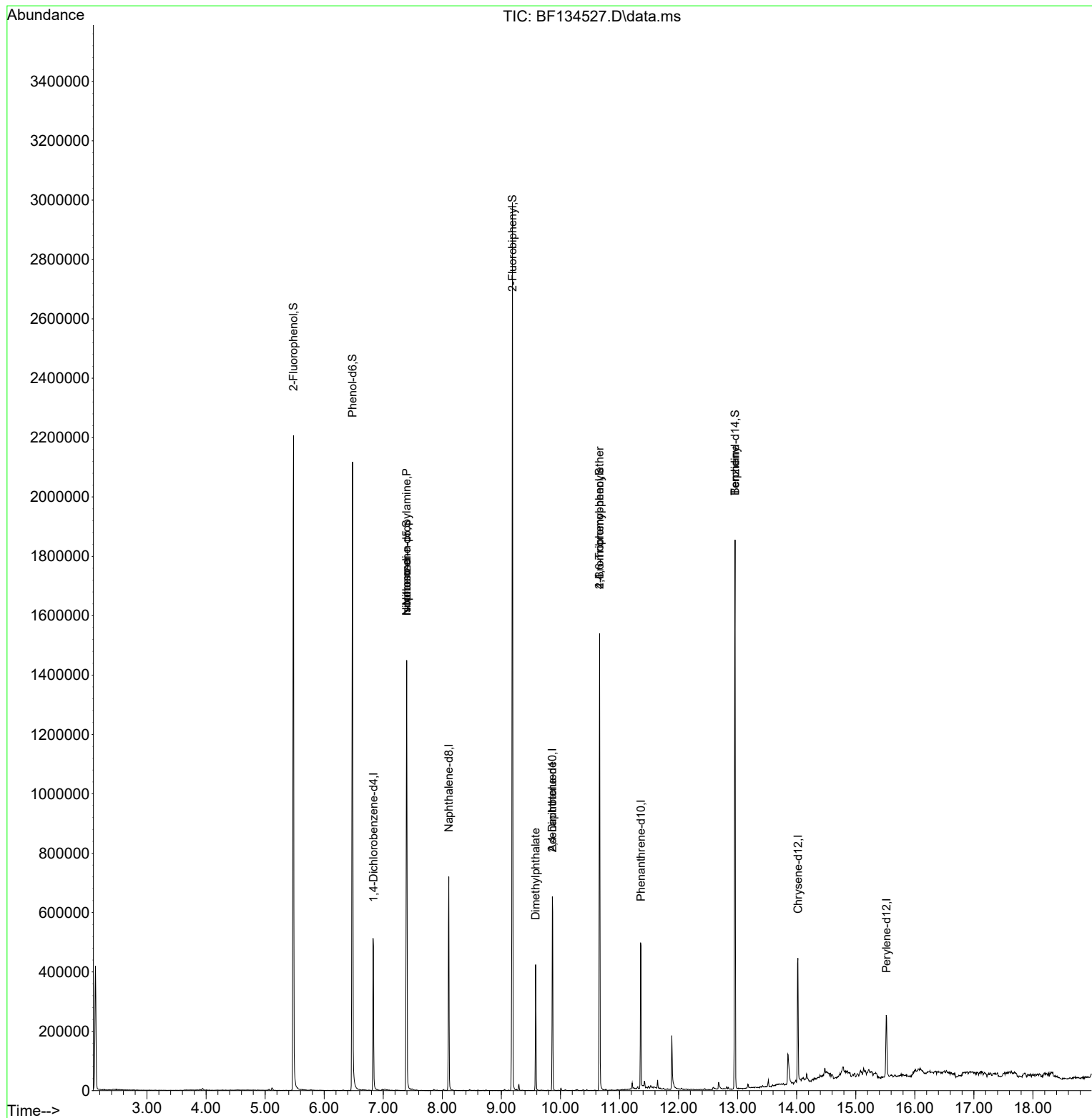
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|---------|-------|-----------|
| -----                         |        |      |          |         |       |           |
| Internal Standards            |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 80491    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.110  | 136  | 305901   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10          | 9.863  | 164  | 133240   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10          | 11.363 | 188  | 192351   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12              | 14.021 | 240  | 143002   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12              | 15.521 | 264  | 101757   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |         |       |           |
| 5) 2-Fluorophenol             | 5.481  | 112  | 619903   | 127.244 | ng    | 0.02      |
| 7) Phenol-d6                  | 6.481  | 99   | 744087   | 124.661 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 469769   | 77.697  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 188719   | 99.688  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 878982   | 86.605  | ng    | 0.00      |
| 79) Terphenyl-d14             | 12.957 | 244  | 655376   | 80.003  | ng    | 0.00      |
| Target Compounds              |        |      |          |         |       |           |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 65698    | 17.681  | ng    | Qvalue 75 |
| 25) Isophorone                | 7.398  | 82   | 469766   | 46.620  | ng    | # 65      |
| 50) Dimethylphthalate         | 9.581  | 163  | 145341   | 14.715  | ng    | 98        |
| 57) 2,4-Dinitrotoluene        | 9.863  | 165  | 17343    | 5.958   | ng    | # 18      |
| 67) 4-Bromophenyl-phenylether | 10.663 | 248  | 10918    | 5.181   | ng    | # 1       |
| 77) Benzidine                 | 12.957 | 184  | 8955     | 2.933   | ng    | # 86      |
| -----                         |        |      |          |         |       |           |

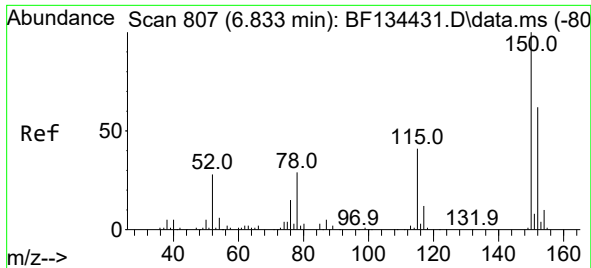
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072823\  
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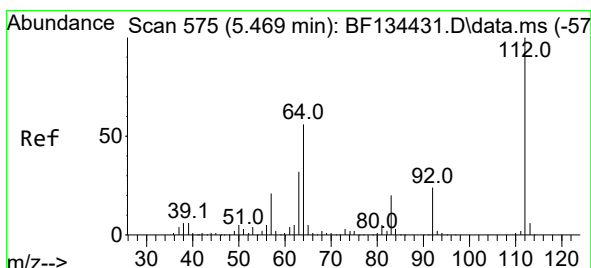
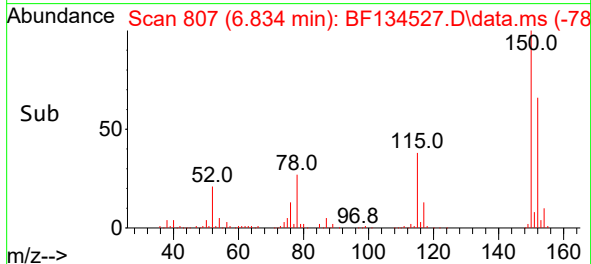
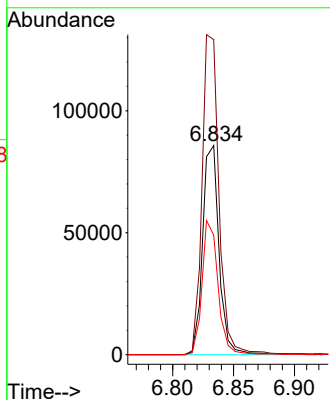
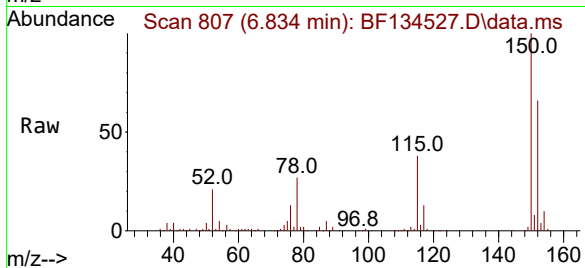




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 807  
Delta R.T. 0.006 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

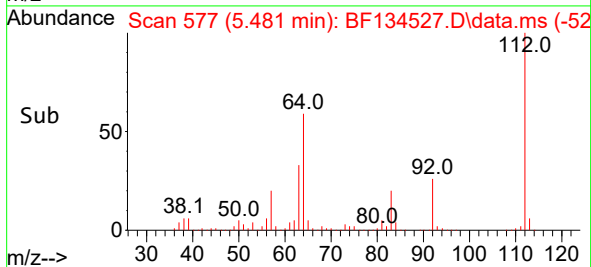
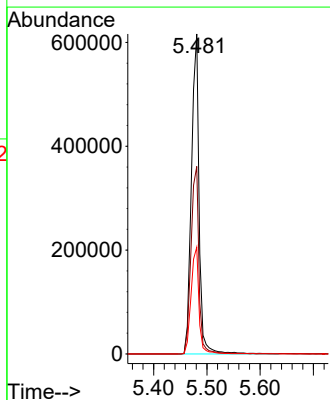
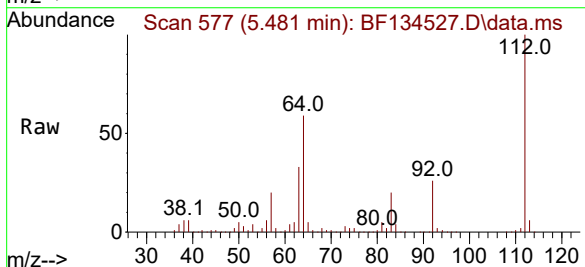
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BNA\_F  
ClientSampleId :  
SB-02-(3-5)

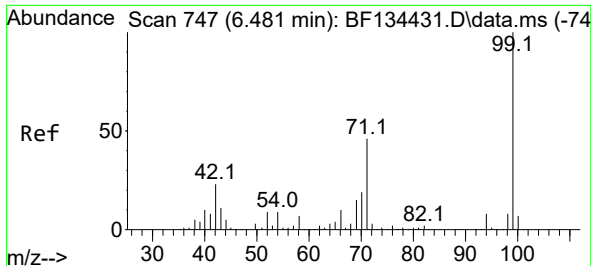
Tgt Ion:152 Resp: 80491  
Ion Ratio Lower Upper  
152 100  
150 150.6 128.3 192.5  
115 57.2 52.4 78.6



#5  
2-Fluorophenol  
Concen: 127.244 ng  
RT: 5.481 min Scan# 577  
Delta R.T. 0.018 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

Tgt Ion:112 Resp: 619903  
Ion Ratio Lower Upper  
112 100  
64 58.6 44.9 67.3  
63 33.4 25.4 38.0

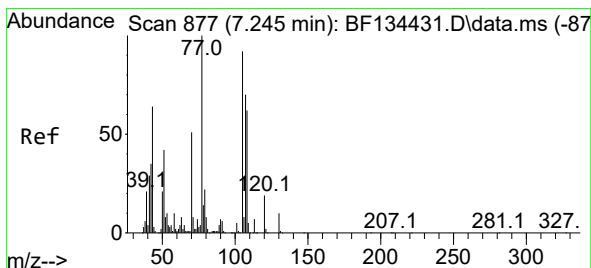
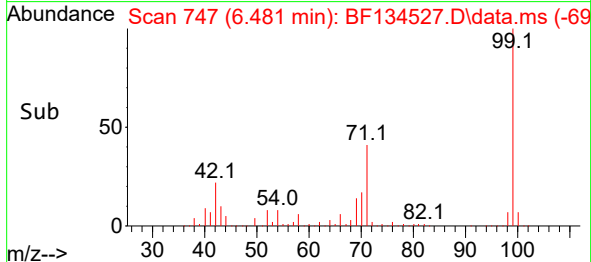
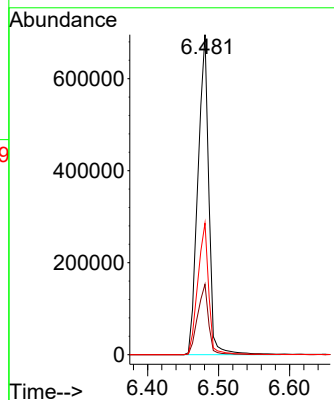
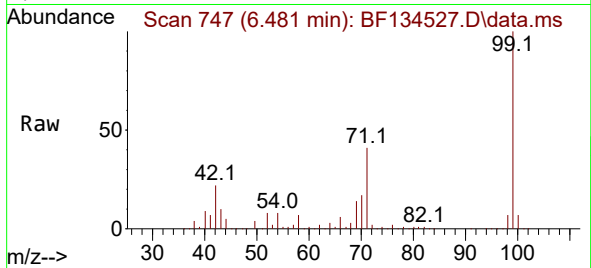




#7  
Phenol-d6  
Concen: 124.661 ng  
RT: 6.481 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

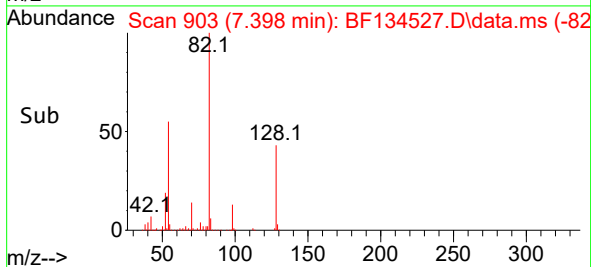
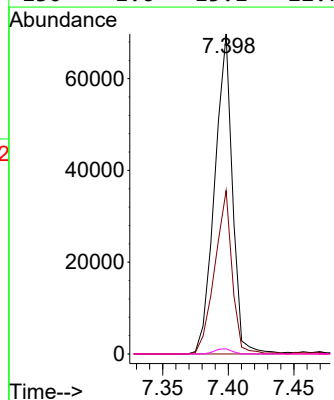
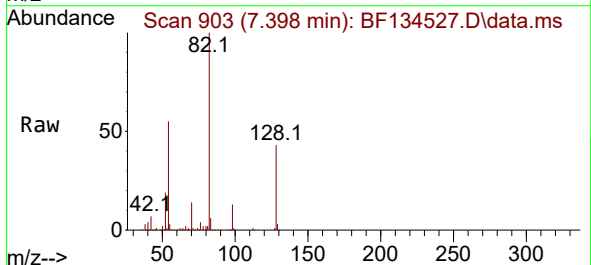
Instrument :  
BNA\_F  
ClientSampleId :  
SB-02-(3-5)

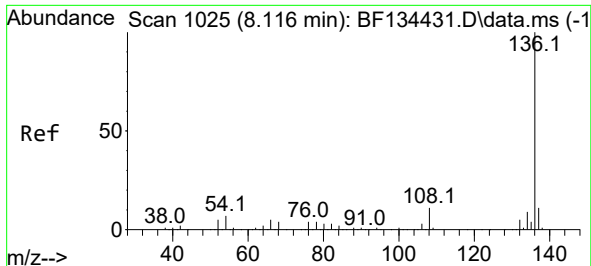
Tgt Ion: 99 Resp: 744087  
Ion Ratio Lower Upper  
99 100  
42 22.0 18.7 28.1  
71 41.1 36.4 54.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.681 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.159 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

Tgt Ion: 70 Resp: 65698  
Ion Ratio Lower Upper  
70 100  
42 51.0 54.7 82.1#  
101 0.0 8.2 12.2#  
130 1.6 15.1 22.7#

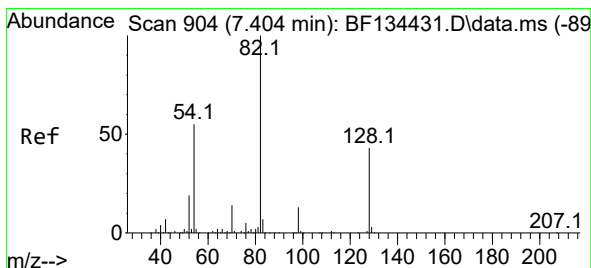
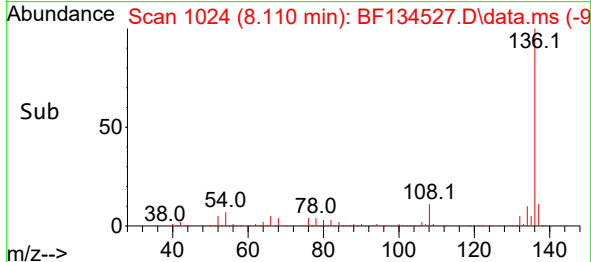
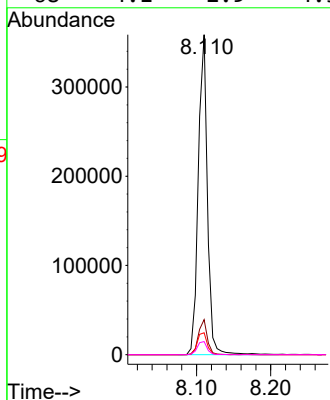
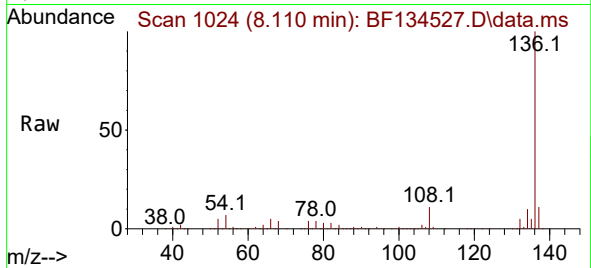




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1025  
Delta R.T. 0.006 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

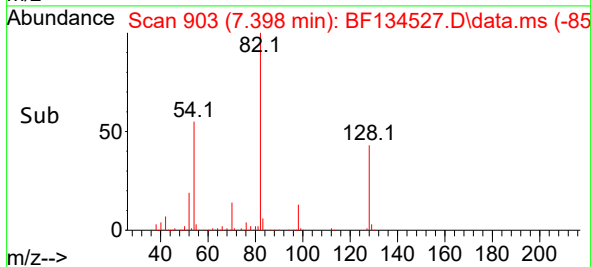
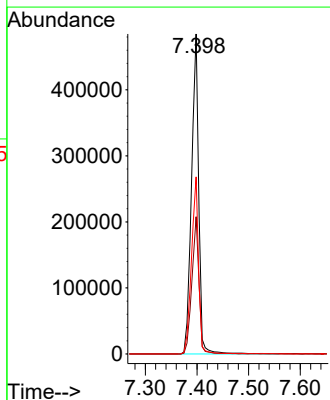
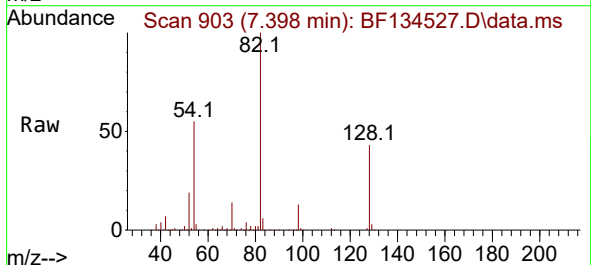
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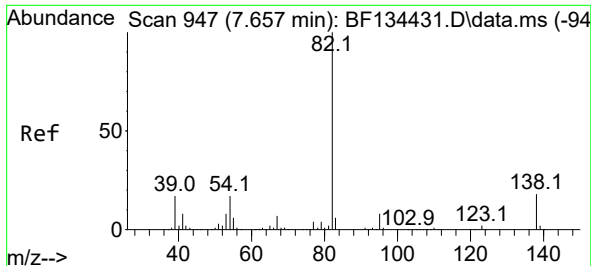
Tgt Ion:136 Resp: 305901  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 6.9 5.2 7.8  
68 4.1 2.9 4.3



#23  
Nitrobenzene-d5  
Concen: 77.697 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.006 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

Tgt Ion: 82 Resp: 469769  
Ion Ratio Lower Upper  
82 100  
128 42.9 34.3 51.5  
54 55.3 43.8 65.6

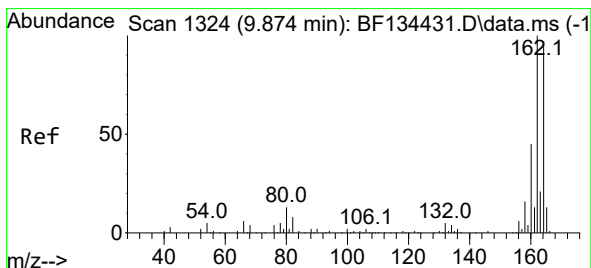
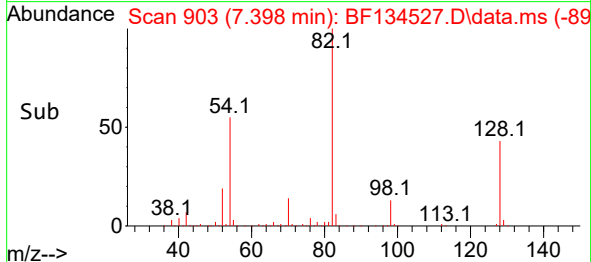
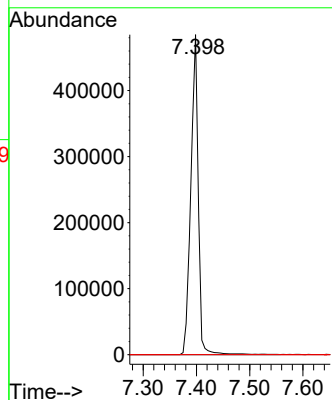
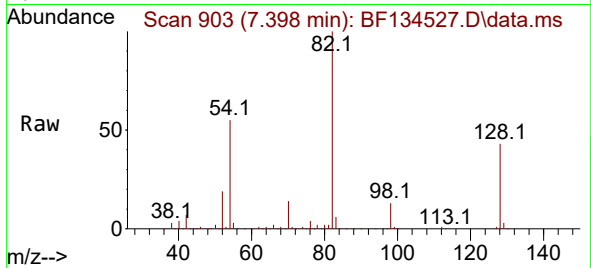




#25  
Isophorone  
Concen: 46.620 ng  
RT: 7.398 min Scan# 90  
Delta R.T. -0.253 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

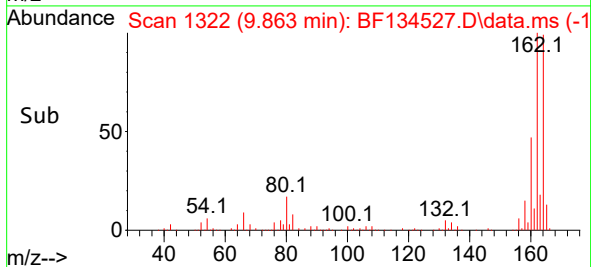
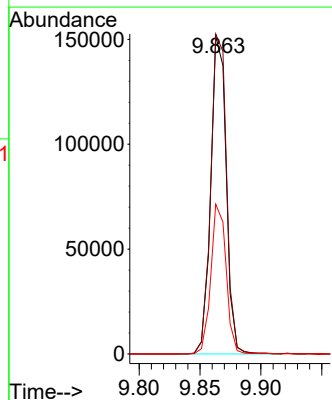
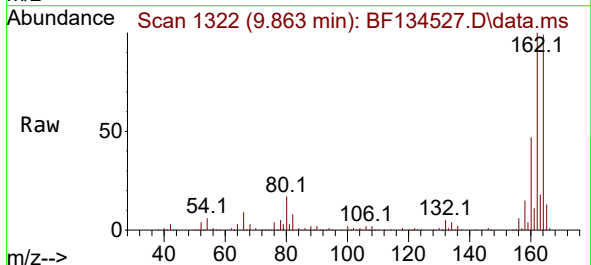
Instrument :  
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ClientSampleId :  
SB-02-(3-5)

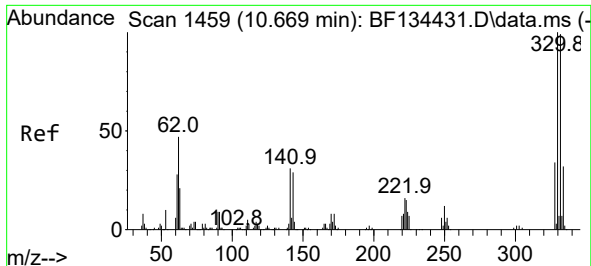
Tgt Ion: 82 Resp: 469766  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.6 22.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. 0.000 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

Tgt Ion:164 Resp: 133240  
Ion Ratio Lower Upper  
164 100  
162 100.8 82.6 123.8  
160 47.2 37.2 55.8

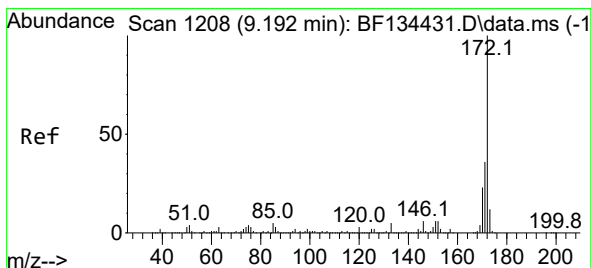
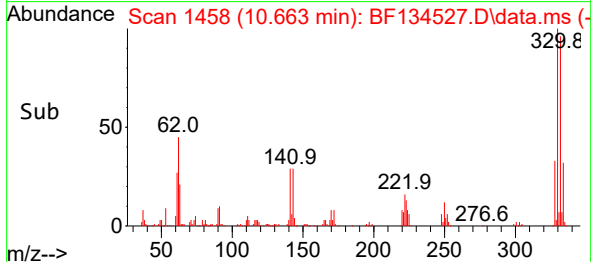
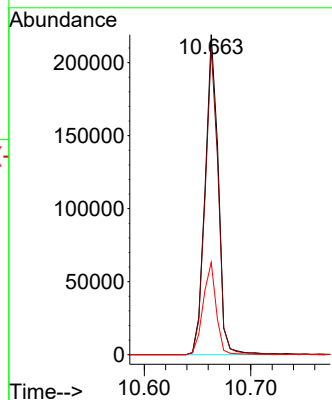
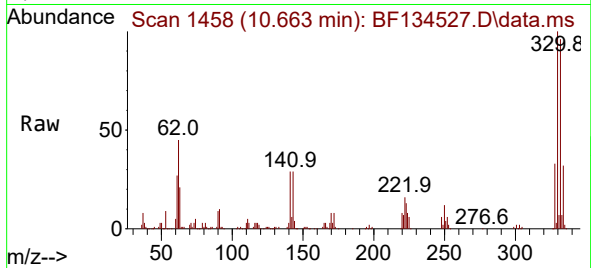




#42  
2,4,6-Tribromophenol  
Concen: 99.688 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. 0.000 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

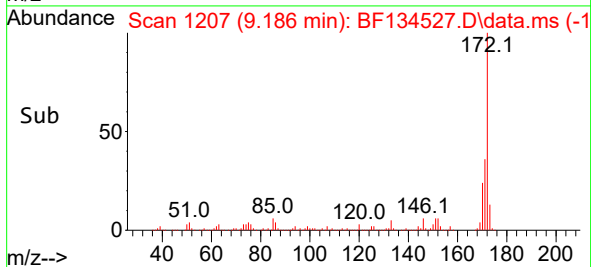
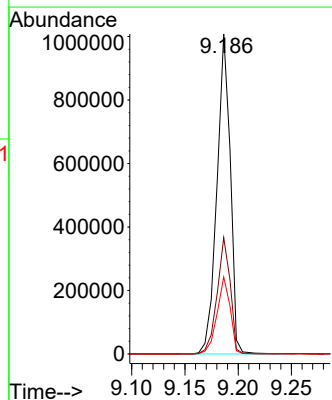
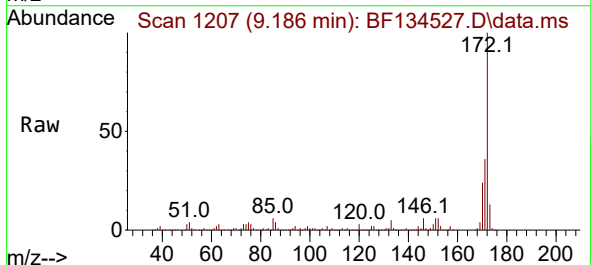
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SB-02-(3-5)

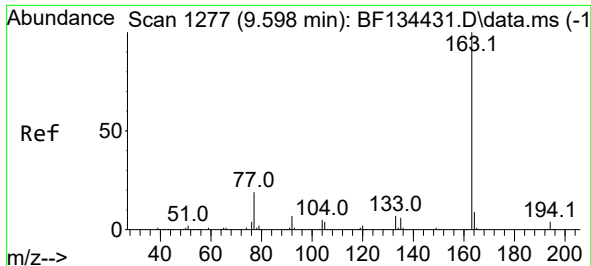
Tgt Ion: 330 Resp: 188719  
Ion Ratio Lower Upper  
330 100  
332 95.2 78.8 118.2  
141 28.6 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 86.605 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.006 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

Tgt Ion: 172 Resp: 878982  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.8 43.2  
170 24.1 18.7 28.1

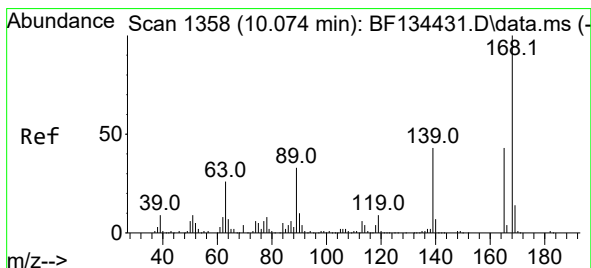
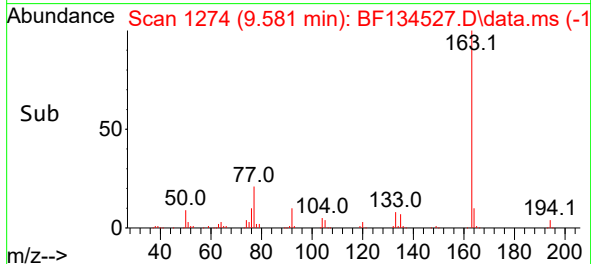
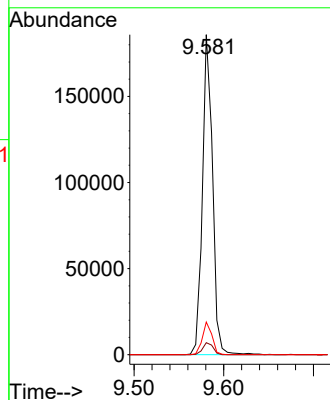
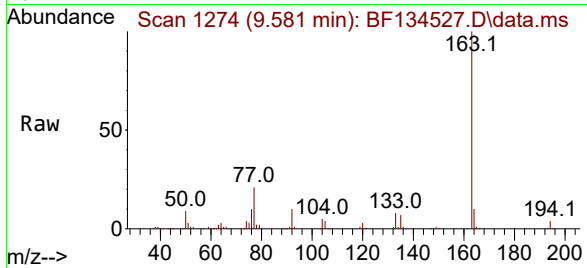




#50  
Dimethylphthalate  
Concen: 14.715 ng  
RT: 9.581 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

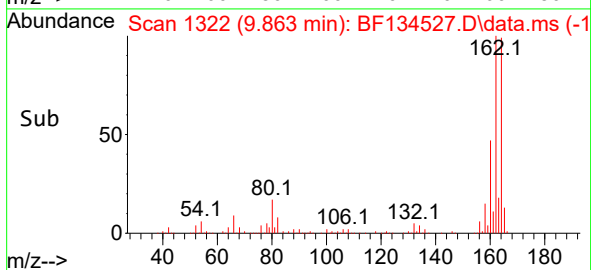
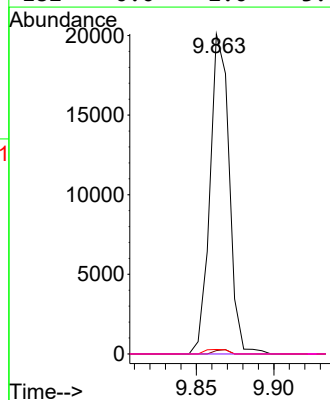
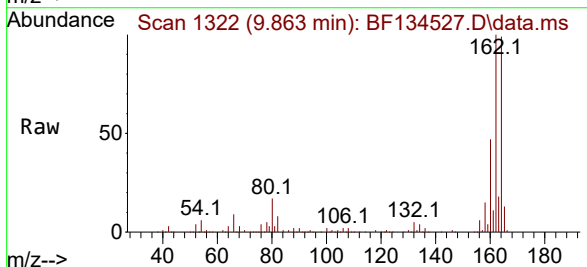
Instrument :  
BNA\_F  
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Tgt Ion:163 Resp: 145341  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.3 4.9  
164 10.2 7.5 11.3

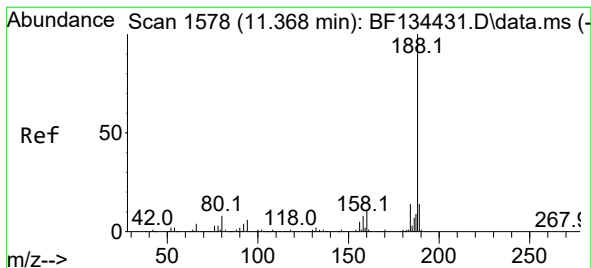


#57  
2,4-Dinitrotoluene  
Concen: 5.958 ng  
RT: 9.863 min Scan# 1322  
Delta R.T. -0.206 min  
Lab File: BF134527.D  
Acq: 28 Jul 2023 21:40

Tgt Ion:165 Resp: 17343  
Ion Ratio Lower Upper  
165 100  
63 1.0 48.9 73.3#  
89 1.4 61.7 92.5#  
182 0.0 2.0 3.0#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134527.D

Acq: 28 Jul 2023 21:40

Instrument :

BNA\_F

ClientSampleId :

SB-02-(3-5)

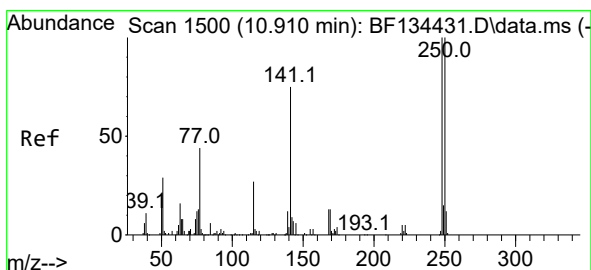
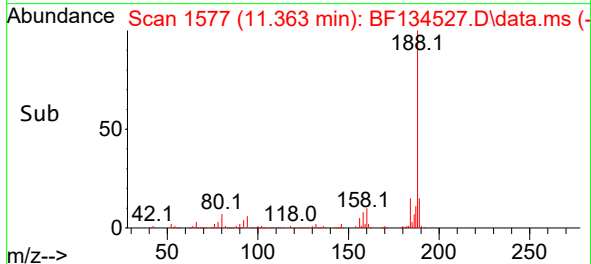
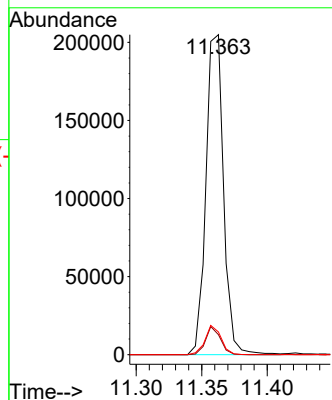
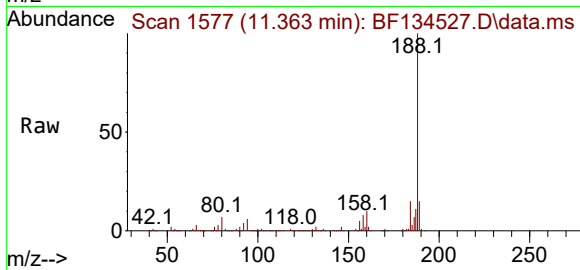
Tgt Ion:188 Resp: 192351

Ion Ratio Lower Upper

188 100

94 6.2 5.1 7.7

80 7.1 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.181 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.235 min

Lab File: BF134527.D

Acq: 28 Jul 2023 21:40

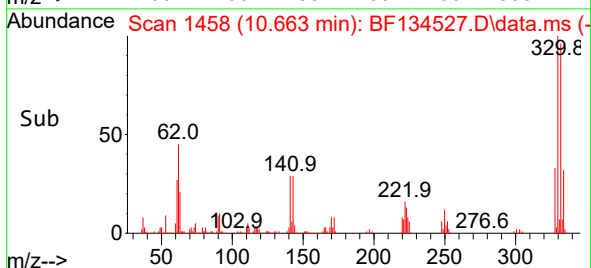
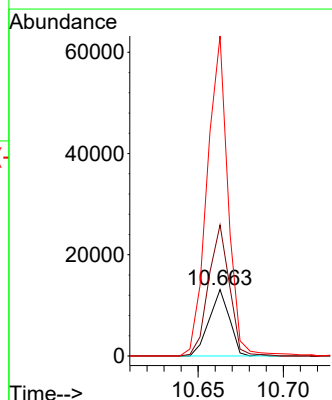
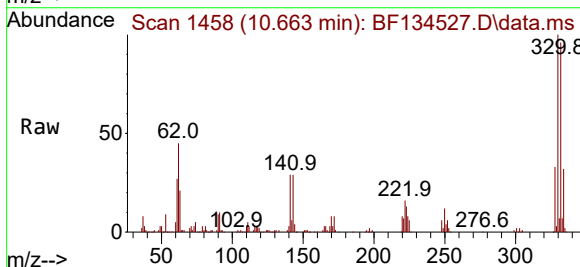
Tgt Ion:248 Resp: 10918

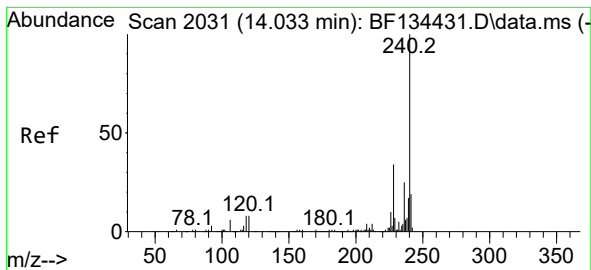
Ion Ratio Lower Upper

248 100

250 197.3 79.6 119.4#

141 482.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF134527.D

Acq: 28 Jul 2023 21:40

Instrument :

BNA\_F

ClientSampleId :

SB-02-(3-5)

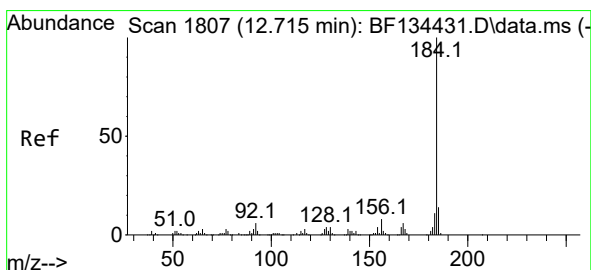
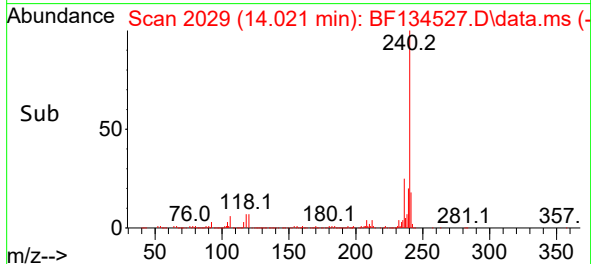
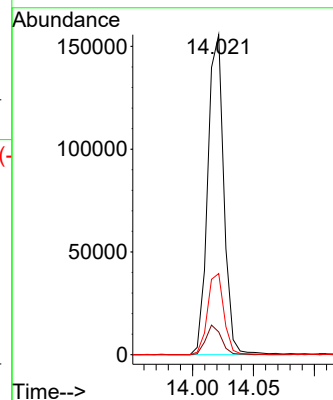
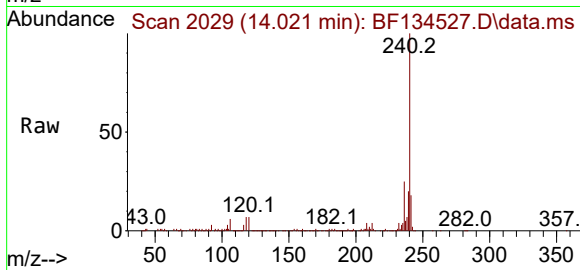
Tgt Ion:240 Resp: 143002

Ion Ratio Lower Upper

240 100

120 7.1 6.6 10.0

236 25.3 20.2 30.2



#77

Benzdine

Concen: 2.933 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.253 min

Lab File: BF134527.D

Acq: 28 Jul 2023 21:40

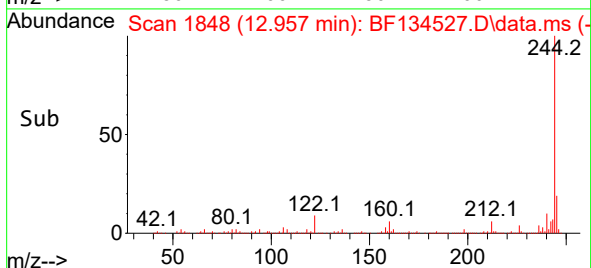
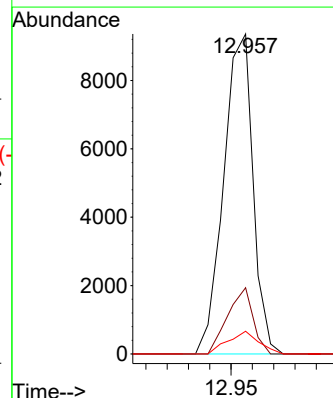
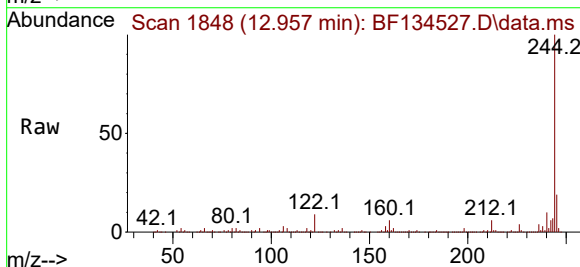
Tgt Ion:184 Resp: 8955

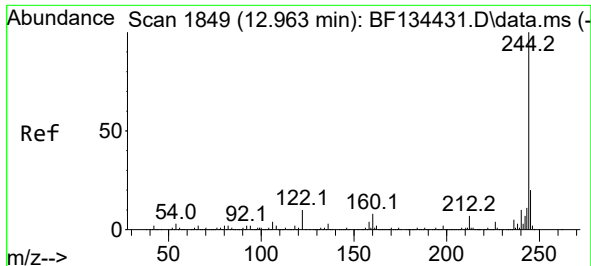
Ion Ratio Lower Upper

184 100

185 20.7 11.2 16.8#

183 7.1 8.6 13.0#

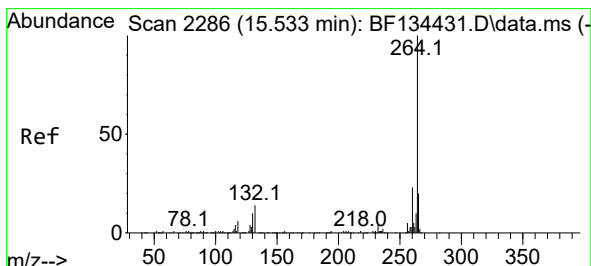
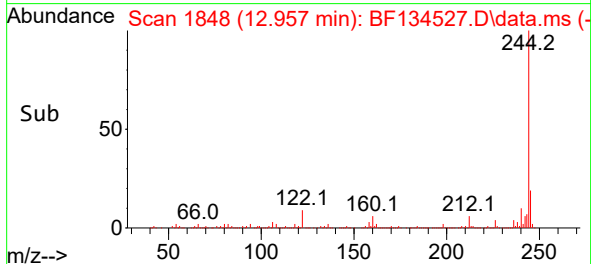
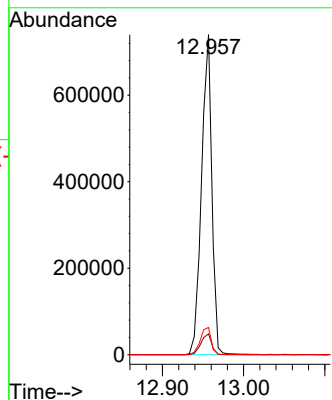
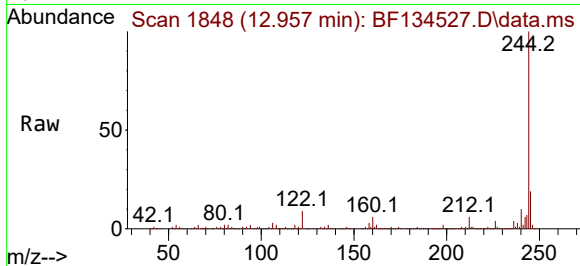




#79  
 Terphenyl-d14  
 Concen: 80.003 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. 0.006 min  
 Lab File: BF134527.D  
 Acq: 28 Jul 2023 21:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-02-(3-5)

Tgt Ion:244 Resp: 655376  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.6 8.4  
 122 8.5 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 2284  
 Delta R.T. 0.006 min  
 Lab File: BF134527.D  
 Acq: 28 Jul 2023 21:40

Tgt Ion:264 Resp: 101757  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 18.4 27.6  
 265 19.8 15.8 23.8

