

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011124\  
 Data File : BF137035.D  
 Acq On : 11 Jan 2024 13:14  
 Operator : CG\JU  
 Sample : PB158353BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB158353BL

Quant Time: Jan 11 14:05:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

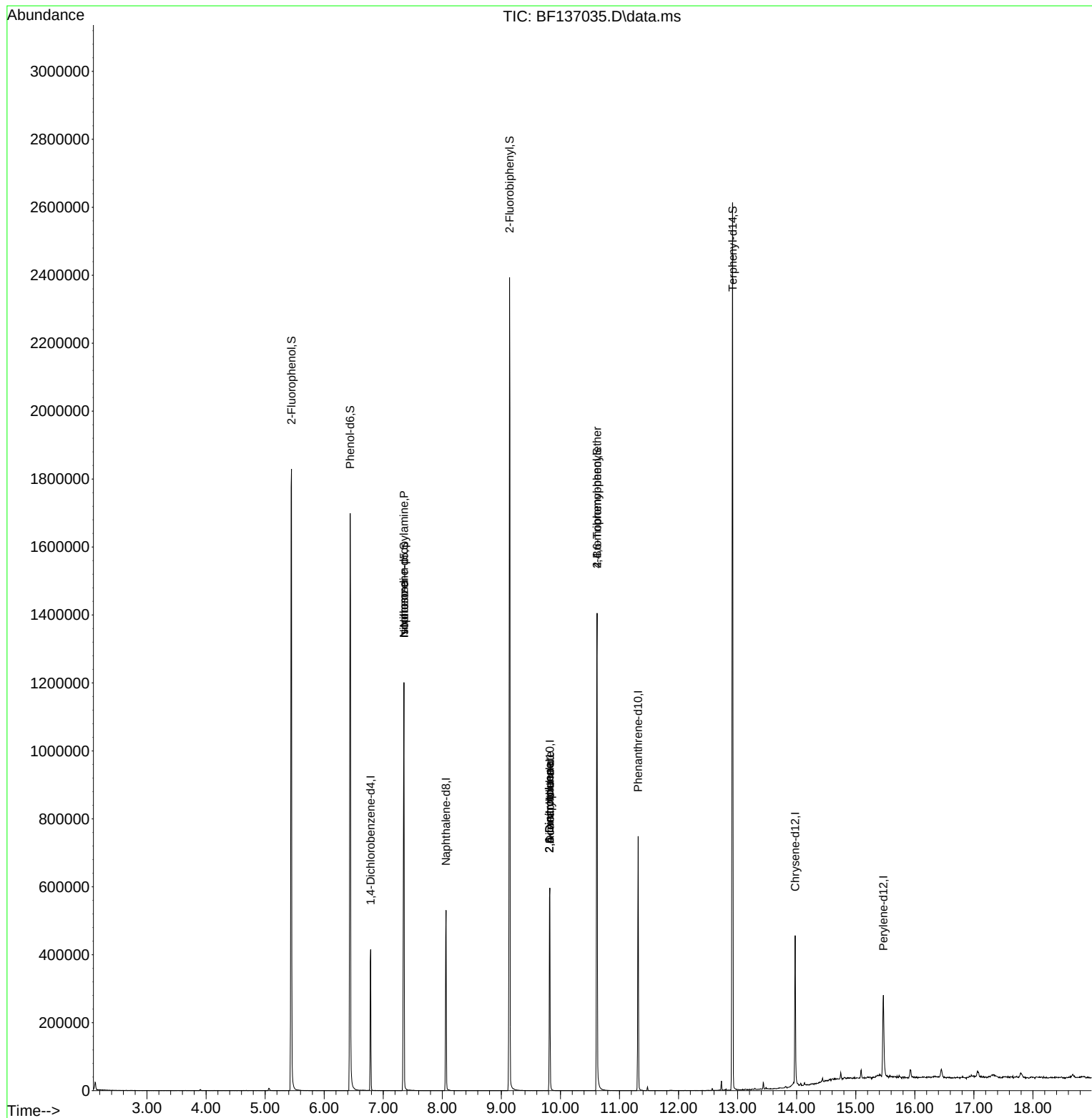
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 63830    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.063  | 136  | 248985   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.822  | 164  | 133862   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.316 | 188  | 267313   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.974 | 240  | 156248   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 129250   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 555841   | 135.872 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.439  | 99   | 698042   | 131.685 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 409151   | 84.088  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.622 | 330  | 201756   | 127.975 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 865362   | 86.948  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.916 | 244  | 965029   | 86.311  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 52376    | 16.300  | ng    | # 76     |
| 25) Isophorone                | 7.351  | 82   | 406453   | 45.908  | ng    | # 65     |
| 50) Dimethylphthalate         | 9.822  | 163  | 26859    | 2.747   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 15876    | 7.154   | ng    | # 31     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 15876    | 5.511   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 10.622 | 248  | 12143    | 4.090   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

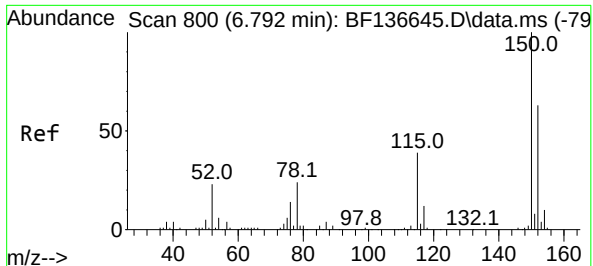
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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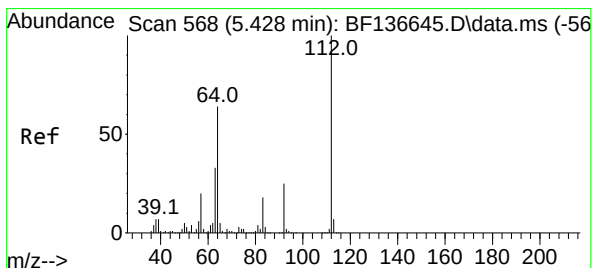
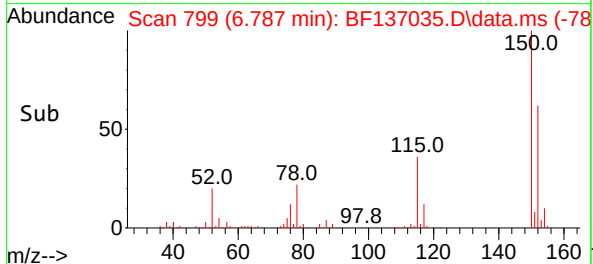
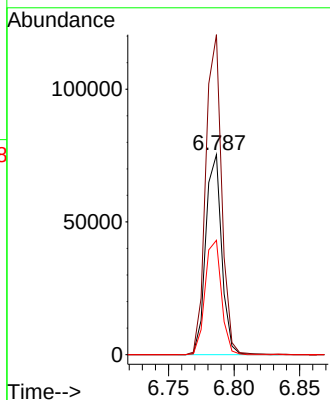
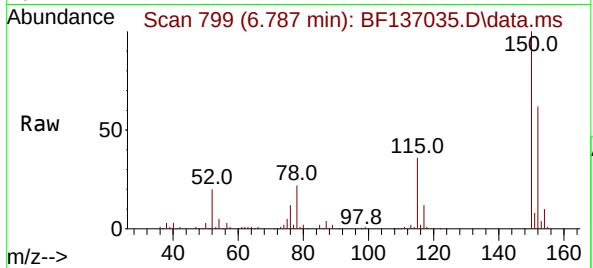




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.787 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

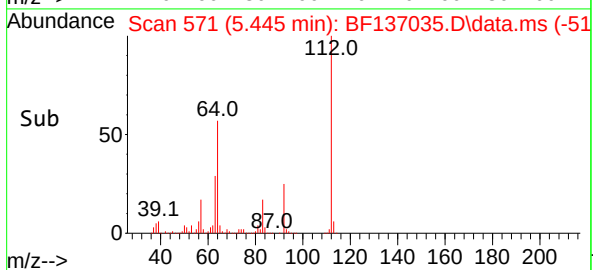
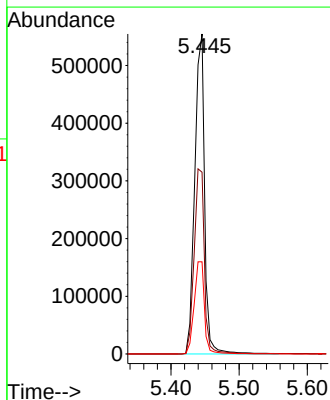
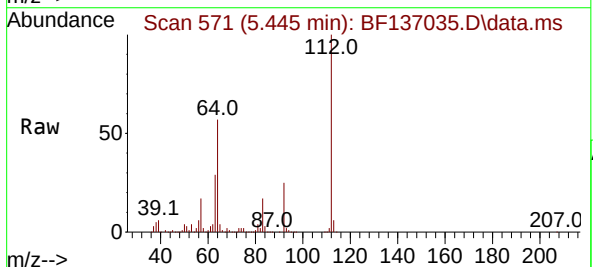
Instrument :  
BNA\_F  
ClientSampleId :  
PB158353BL

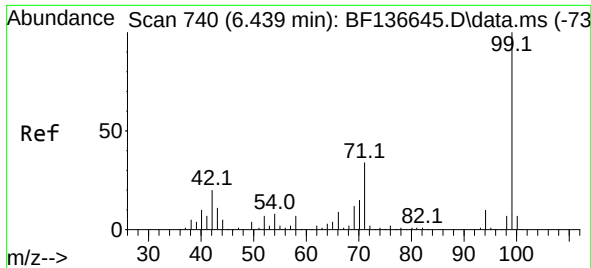
Tgt Ion:152 Resp: 63830  
Ion Ratio Lower Upper  
152 100  
150 160.0 127.0 190.6  
115 57.2 49.0 73.4



#5  
2-Fluorophenol  
Concen: 135.872 ng  
RT: 5.445 min Scan# 571  
Delta R.T. 0.018 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Tgt Ion:112 Resp: 555841  
Ion Ratio Lower Upper  
112 100  
64 56.8 51.1 76.7  
63 28.8 26.1 39.1

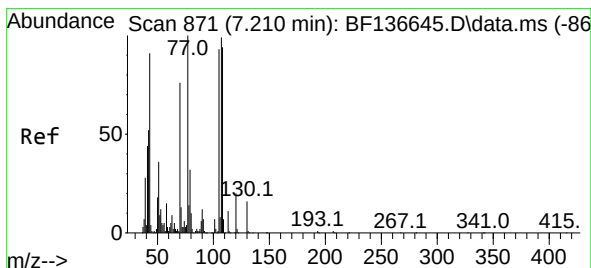
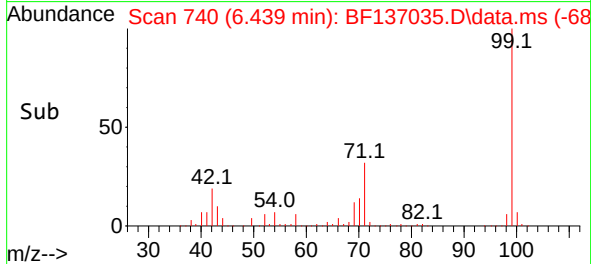
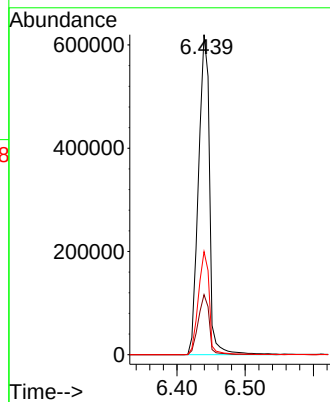
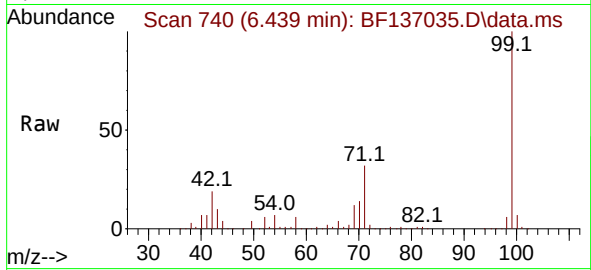




#7  
Phenol-d6  
Concen: 131.685 ng  
RT: 6.439 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

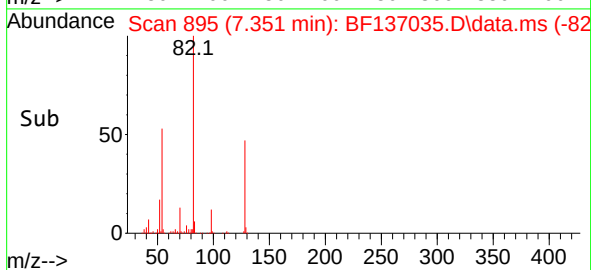
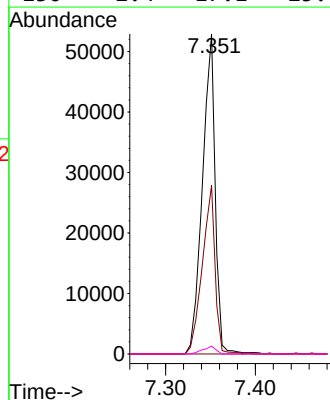
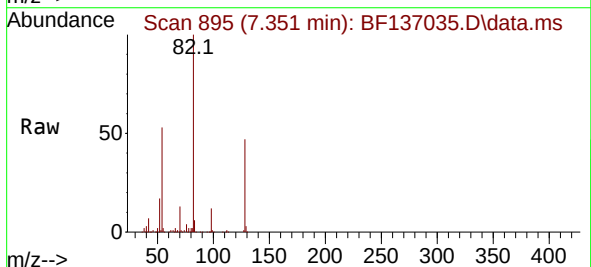
Instrument :  
BNA\_F  
ClientSampleId :  
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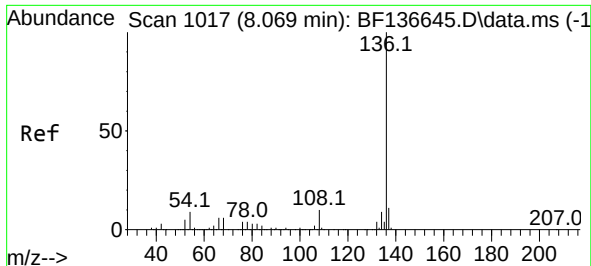
Tgt Ion: 99 Resp: 698042  
Ion Ratio Lower Upper  
99 100  
42 18.8 16.1 24.1  
71 32.2 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.300 ng  
RT: 7.351 min Scan# 895  
Delta R.T. 0.141 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

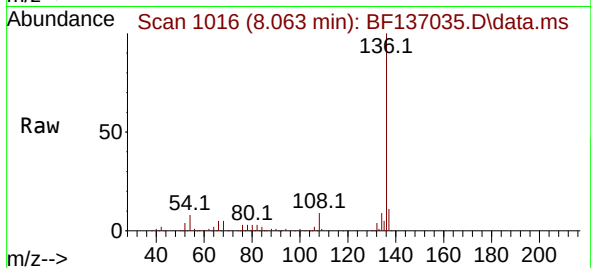
Tgt Ion: 70 Resp: 52376  
Ion Ratio Lower Upper  
70 100  
42 52.7 54.2 81.4#  
101 0.0 7.6 11.4#  
130 2.4 17.1 25.7#



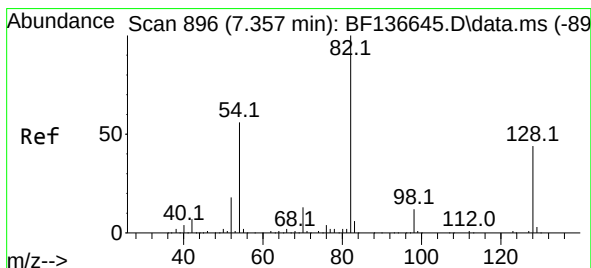
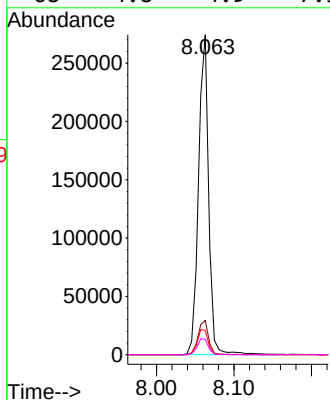
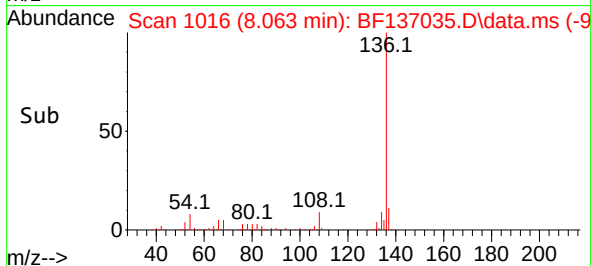


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB158353BL

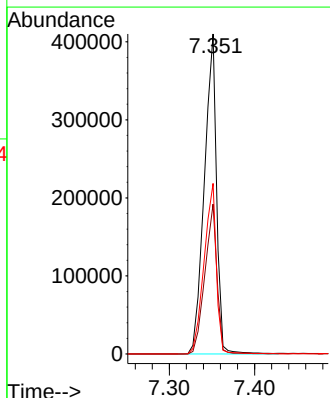
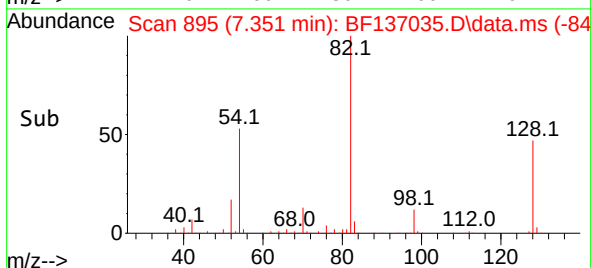
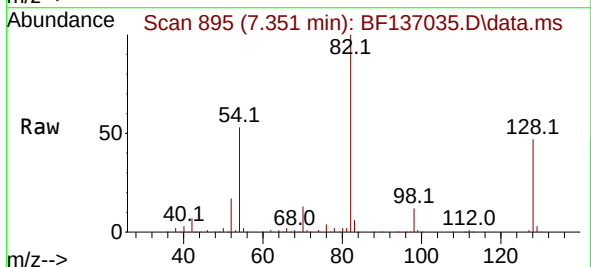


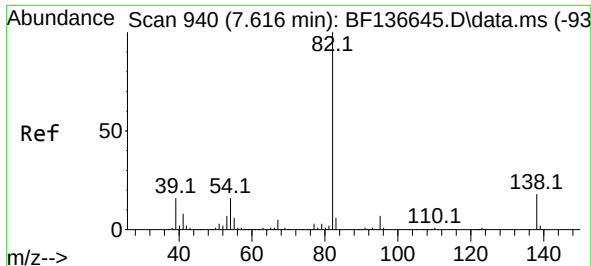
Tgt Ion:136 Resp: 248985  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.4  
54 7.6 7.2 10.8  
68 4.8 4.9 7.3#



#23  
Nitrobenzene-d5  
Concen: 84.088 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Tgt Ion: 82 Resp: 409151  
Ion Ratio Lower Upper  
82 100  
128 46.9 35.3 52.9  
54 53.3 44.5 66.7

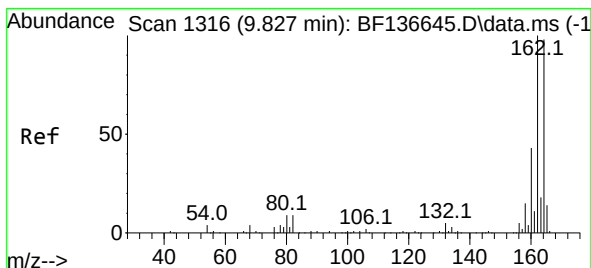
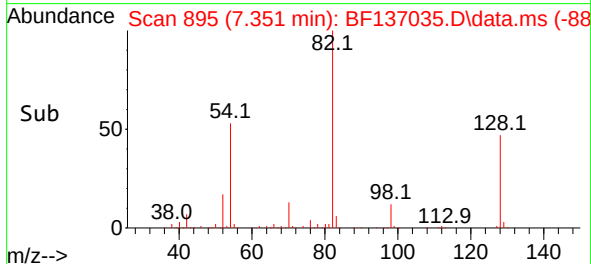
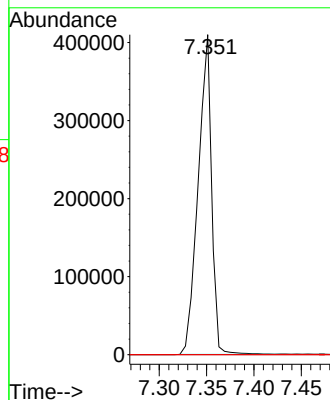
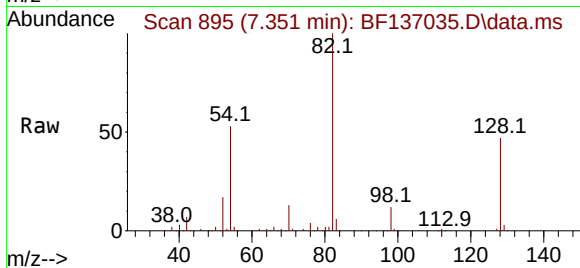




#25  
Isophorone  
Concen: 45.908 ng  
RT: 7.351 min Scan# 89  
Delta R.T. -0.265 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

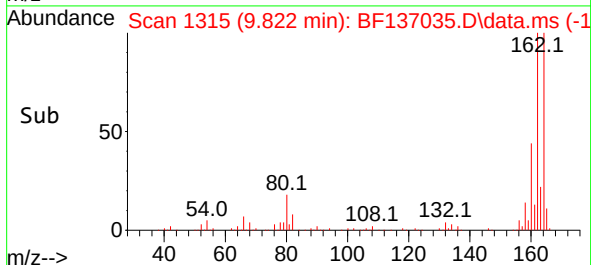
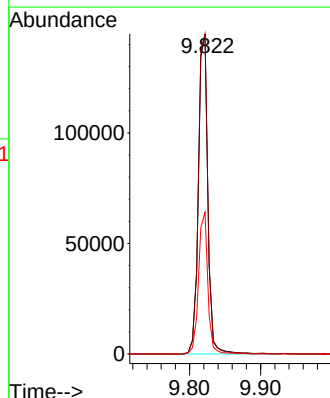
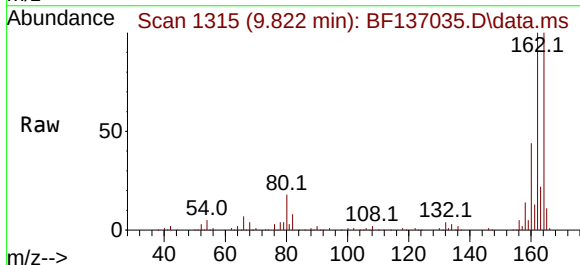
Instrument :  
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ClientSampleId :  
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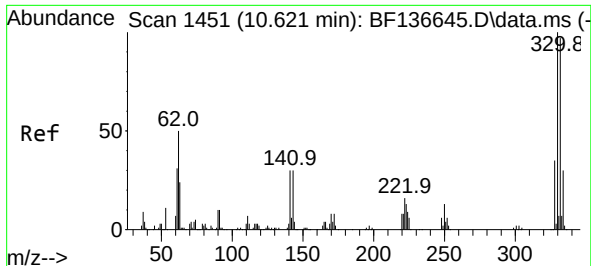
Tgt Ion: 82 Resp: 406453  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Tgt Ion:164 Resp: 133862  
Ion Ratio Lower Upper  
164 100  
162 100.0 81.6 122.4  
160 44.3 34.9 52.3

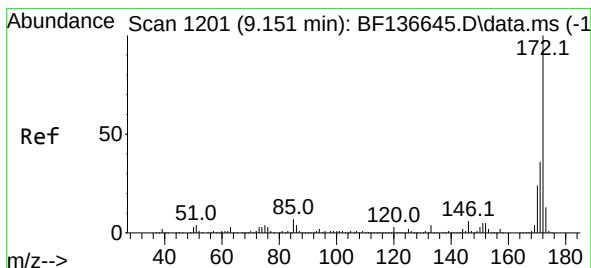
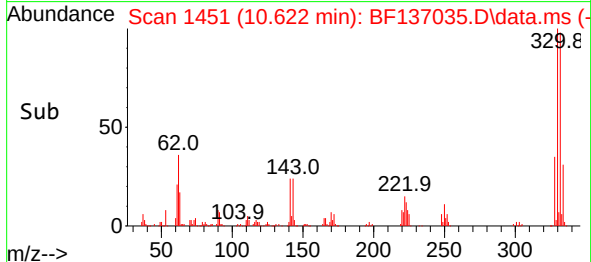
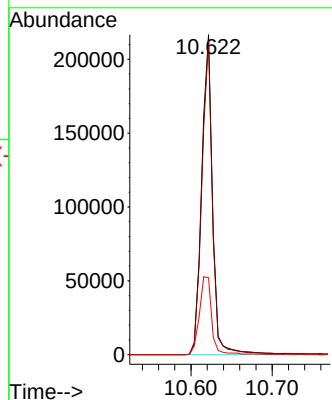
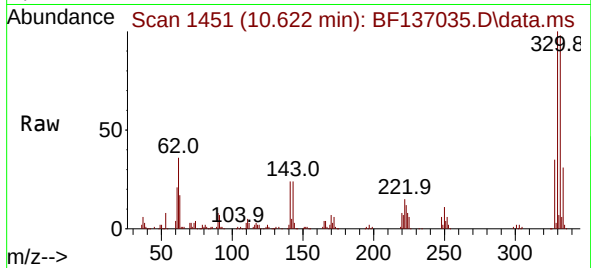




#42  
2,4,6-Tribromophenol  
Concen: 127.975 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

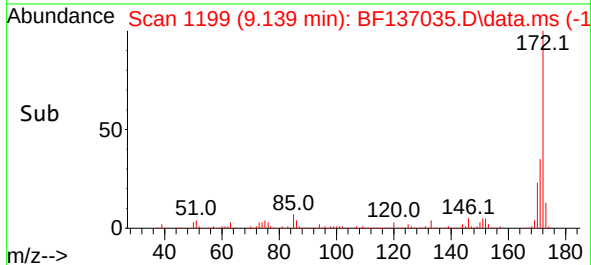
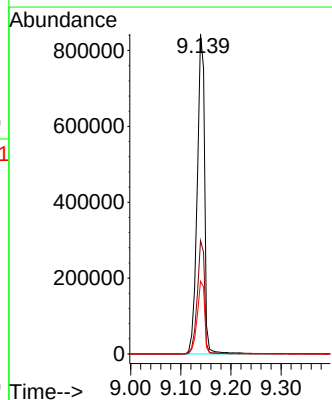
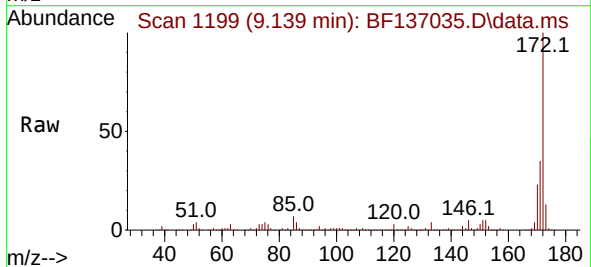
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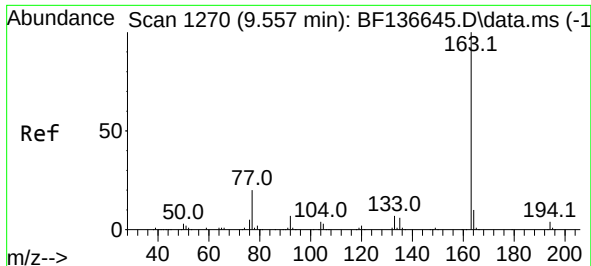
Tgt Ion:330 Resp: 201756  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.4 116.0  
141 27.5 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 86.948 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. -0.012 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Tgt Ion:172 Resp: 865362  
Ion Ratio Lower Upper  
172 100  
171 35.5 29.0 43.6  
170 22.7 19.0 28.4

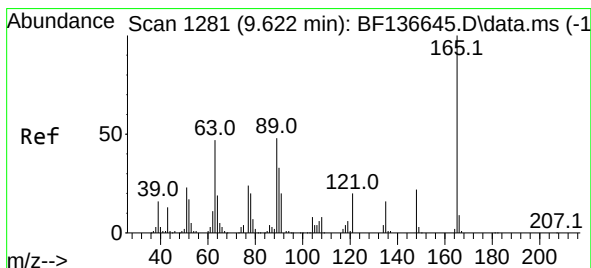
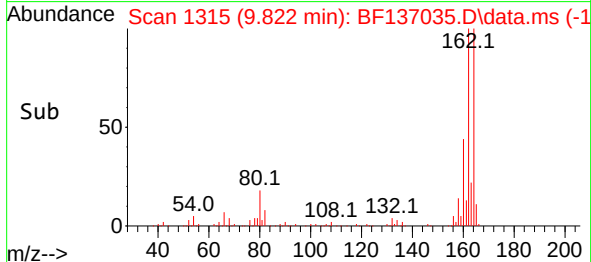
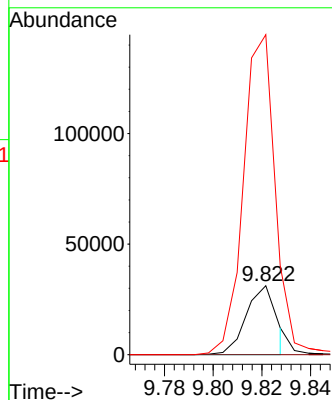
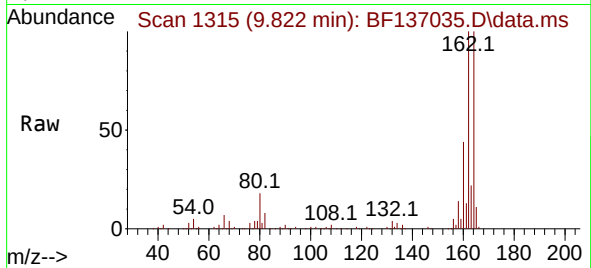




#50  
Dimethylphthalate  
Concen: 2.747 ng  
RT: 9.822 min Scan# 11  
Delta R.T. 0.265 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

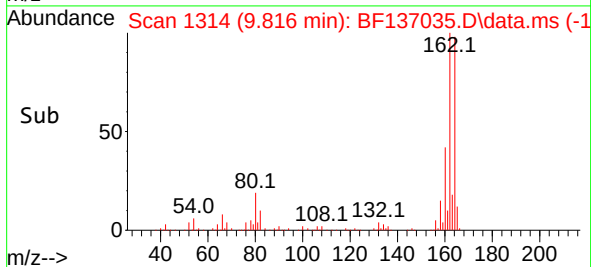
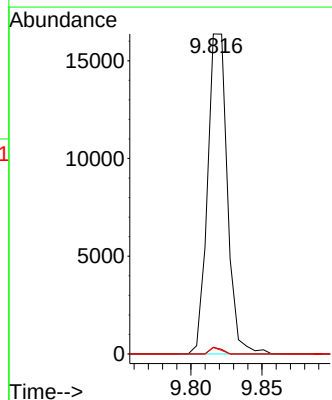
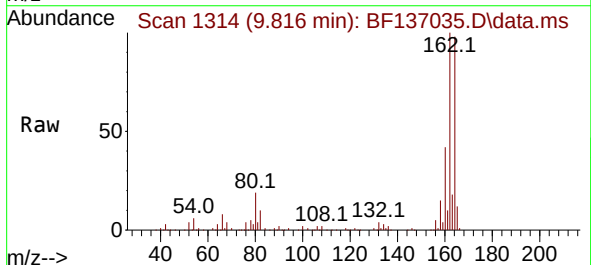
Instrument :  
BNA\_F  
ClientSampleId :  
PB158353BL

Tgt Ion:163 Resp: 26859  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 463.7 7.8 11.6#

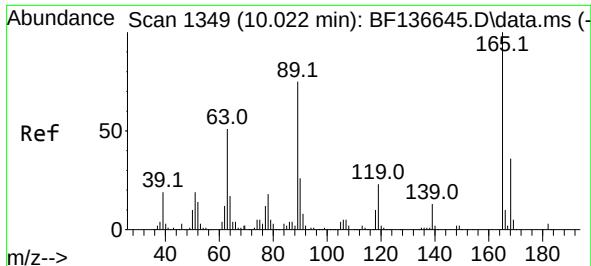


#51  
2,6-Dinitrotoluene  
Concen: 7.154 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. 0.194 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Tgt Ion:165 Resp: 15876  
Ion Ratio Lower Upper  
165 100  
63 2.1 39.8 59.6#  
89 2.0 38.8 58.2#

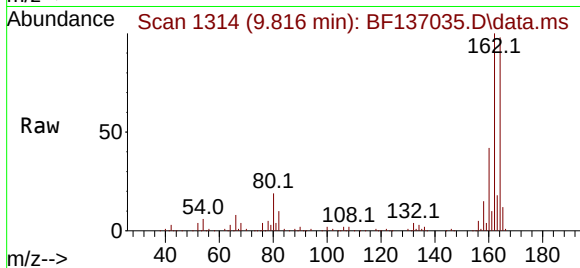




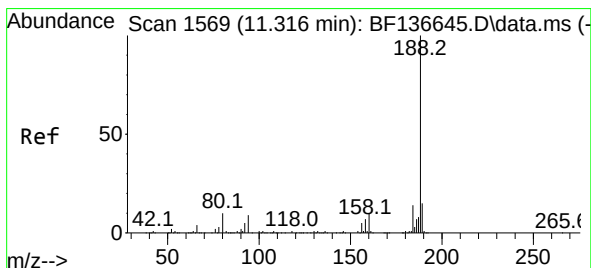
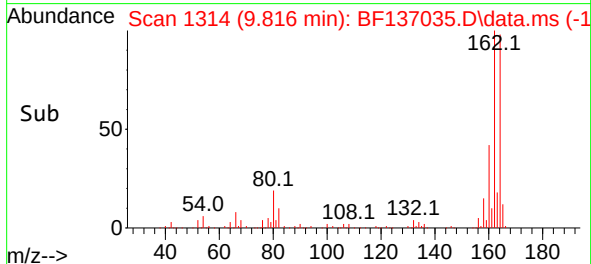
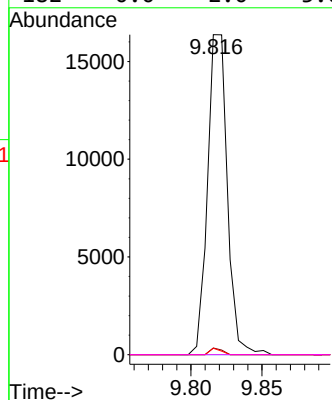


#57  
2,4-Dinitrotoluene  
Concen: 5.511 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB158353BL

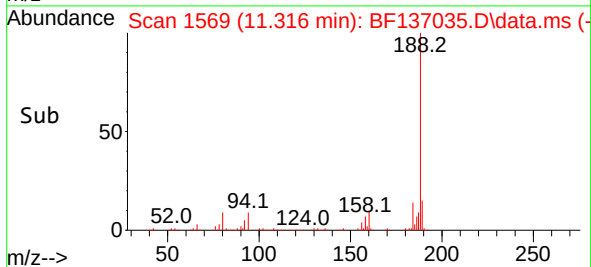
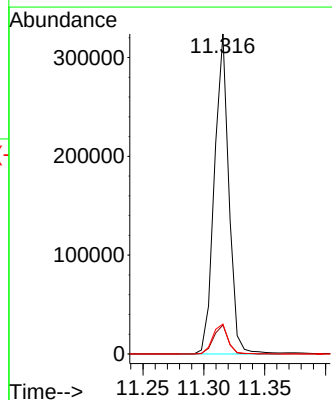
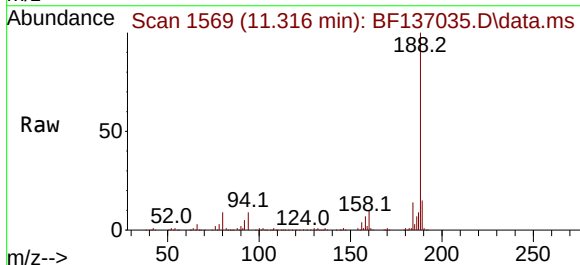


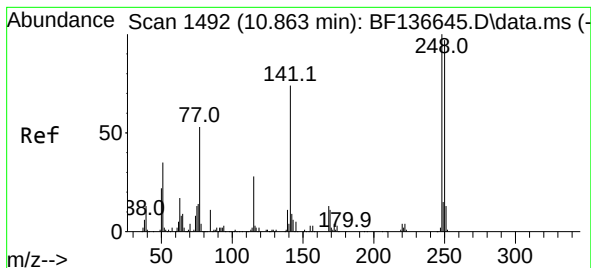
Tgt Ion:165 Resp: 15876  
Ion Ratio Lower Upper  
165 100  
63 2.1 41.0 61.6#  
89 2.0 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

Tgt Ion:188 Resp: 267313  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.5 11.3  
80 9.3 8.1 12.1

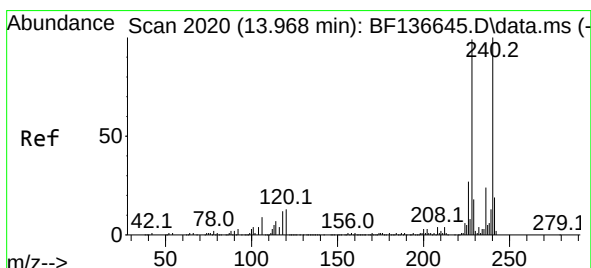
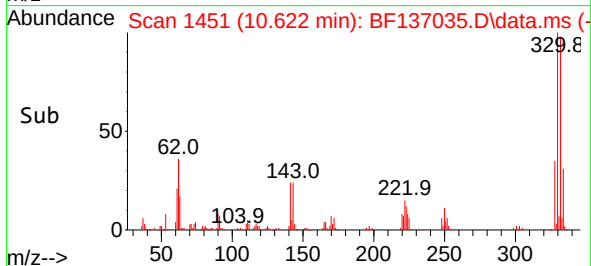
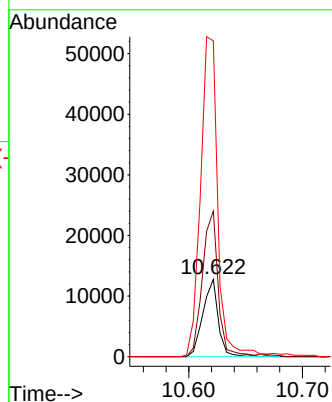
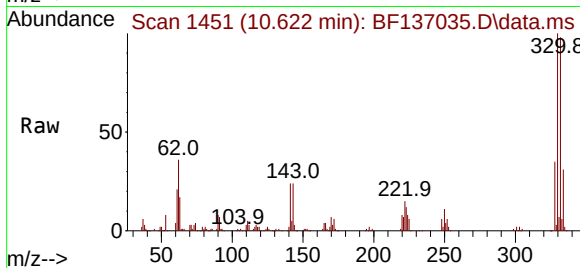




#67  
4-Bromophenyl-phenylether  
Concen: 4.090 ng  
RT: 10.622 min Scan# 14  
Delta R.T. -0.241 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

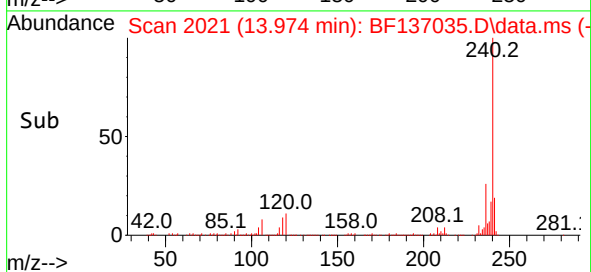
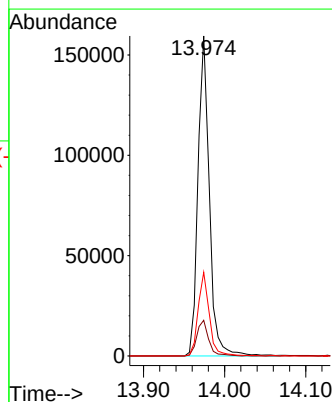
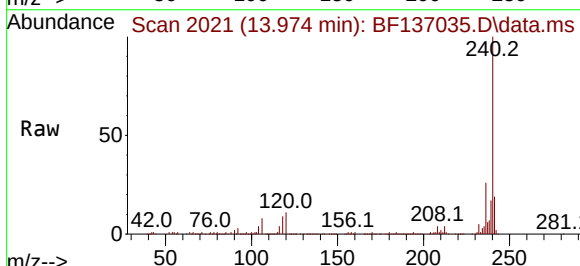
Instrument :  
BNA\_F  
ClientSampleId :  
PB158353BL

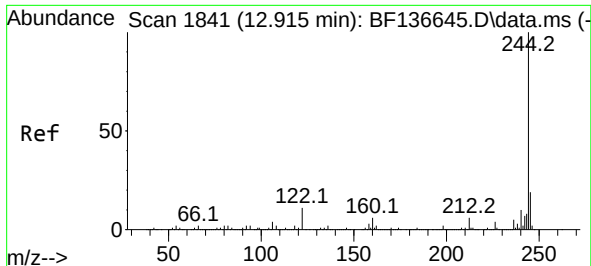
Tgt Ion:248 Resp: 12143  
Ion Ratio Lower Upper  
248 100  
250 188.3 77.8 116.6#  
141 408.2 59.2 88.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BF137035.D  
Acq: 11 Jan 2024 13:14

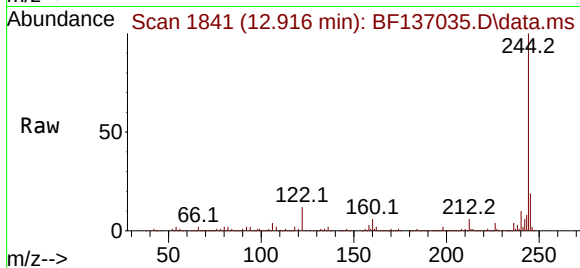
Tgt Ion:240 Resp: 156248  
Ion Ratio Lower Upper  
240 100  
120 11.2 10.3 15.5  
236 26.2 19.4 29.2



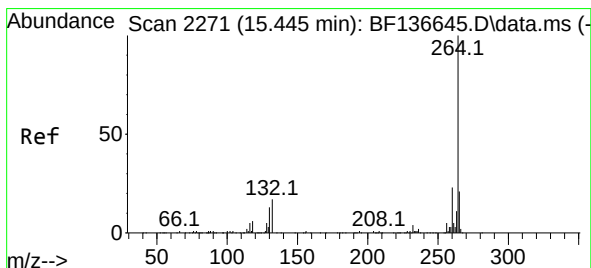
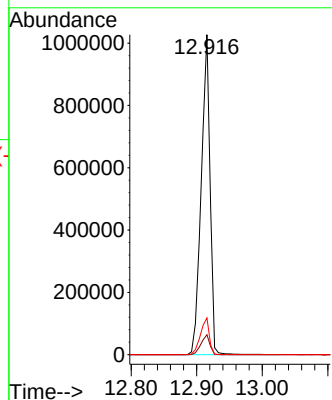
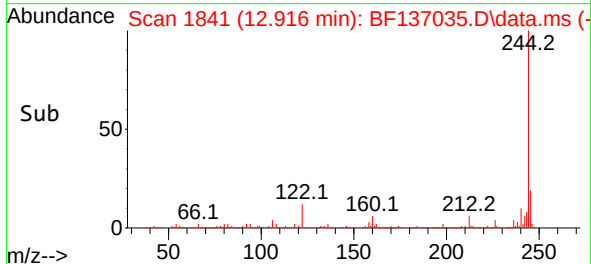


#79  
 Terphenyl-d14  
 Concen: 86.311 ng  
 RT: 12.916 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF137035.D  
 Acq: 11 Jan 2024 13:14

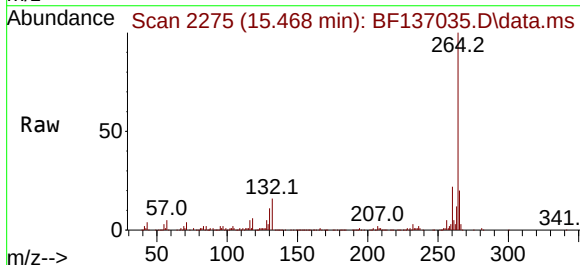
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB158353BL



Tgt Ion:244 Resp: 965029  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.0 7.4  
 122 11.5 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2275  
 Delta R.T. 0.024 min  
 Lab File: BF137035.D  
 Acq: 11 Jan 2024 13:14



Tgt Ion:264 Resp: 129250  
 Ion Ratio Lower Upper  
 264 100  
 260 22.3 18.3 27.5  
 265 20.4 17.0 25.6

