

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
 Data File : BF136890.D  
 Acq On : 03 Jan 2024 01:06  
 Operator : CG\JU  
 Sample : 05899-25  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 03 02:08:09 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

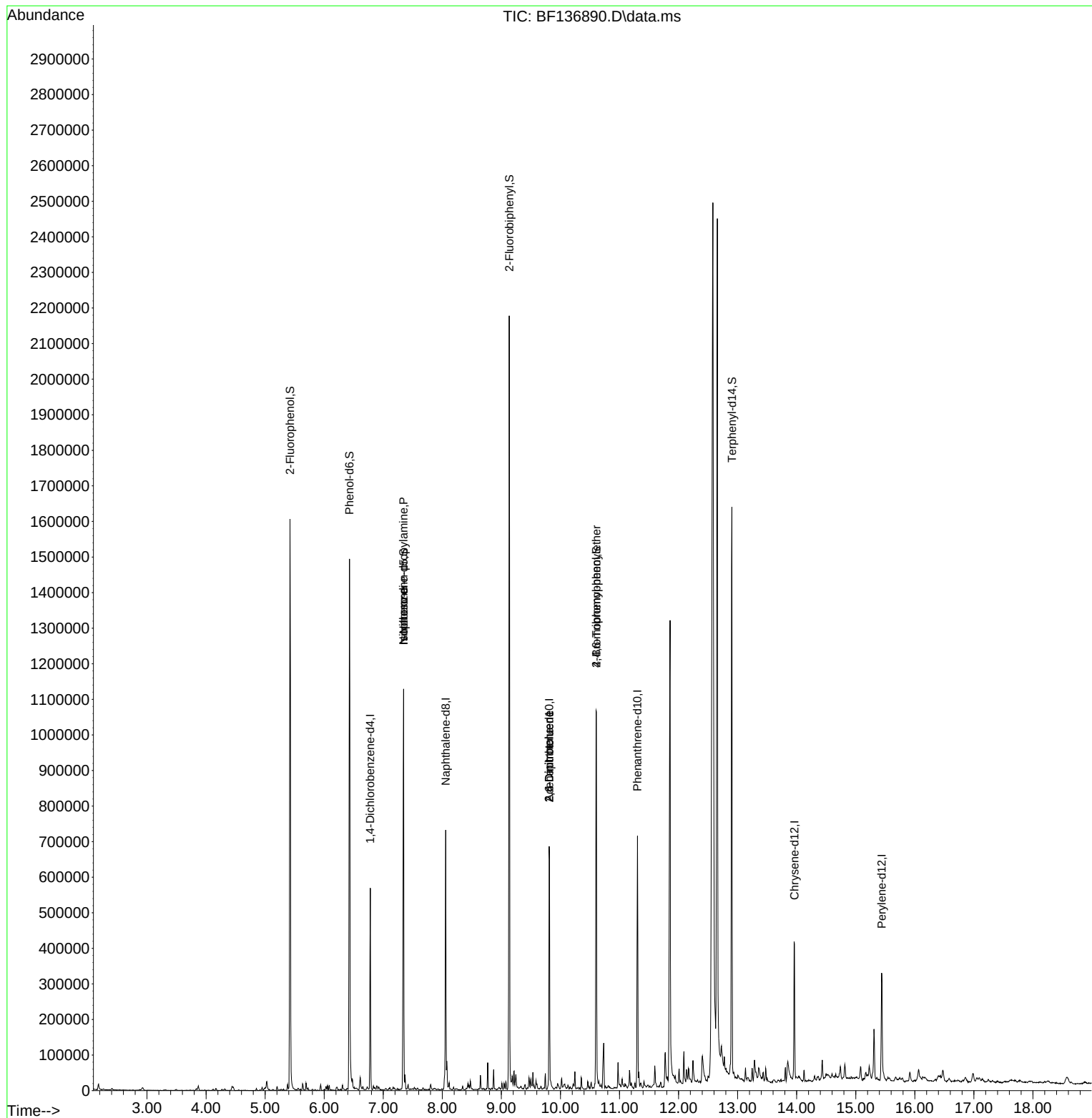
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 75930    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 288808   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.810  | 164  | 145276   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 245836   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12              | 13.963 | 240  | 139724   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.439 | 264  | 145141   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 433637   | 89.108 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 553130   | 87.719 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 343622   | 60.883 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 146034   | 85.353 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.133  | 172  | 683436   | 63.273 | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.904 | 244  | 565656   | 56.575 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 45401    | 11.877 | ng    | # 70     |
| 25) Isophorone                | 7.345  | 82   | 342574   | 33.357 | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.810  | 165  | 18155    | 7.539  | ng    | # 31     |
| 57) 2,4-Dinitrotoluene        | 9.810  | 165  | 18155    | 5.807  | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 8780     | 3.216  | ng    | # 1      |

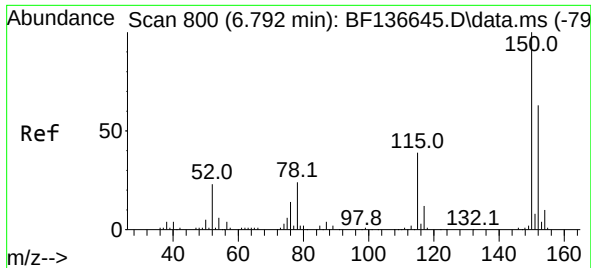
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
Data File : BF136890.D  
Acq On : 03 Jan 2024 01:06  
Operator : CG\JU  
Sample : 05899-25  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

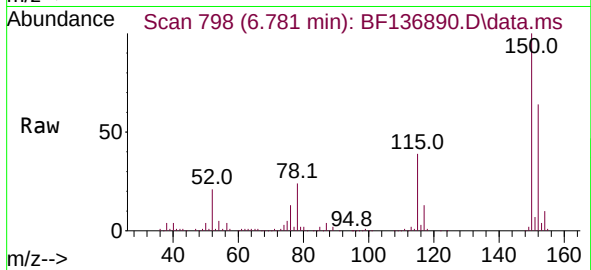
Quant Time: Jan 03 02:08:09 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration



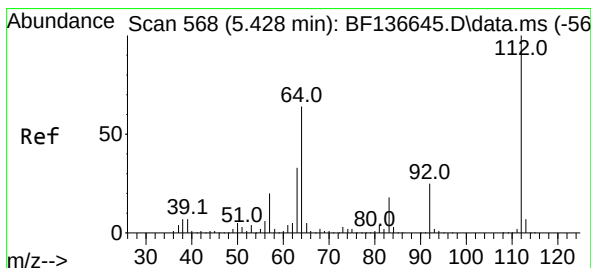
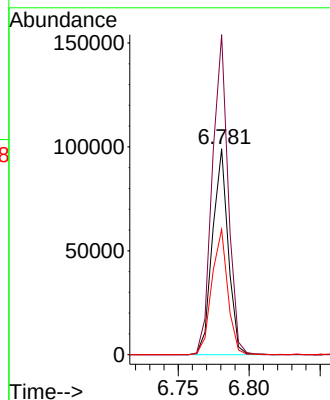
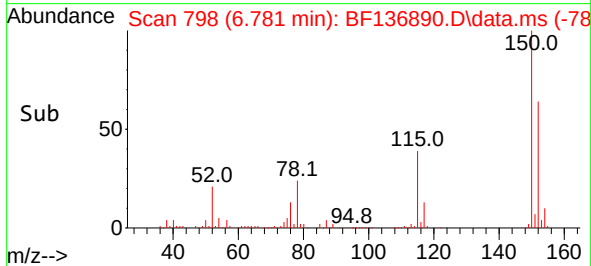


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

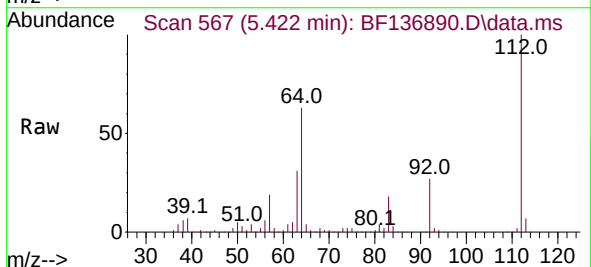
Instrument :  
BNA\_F  
ClientSampleId :



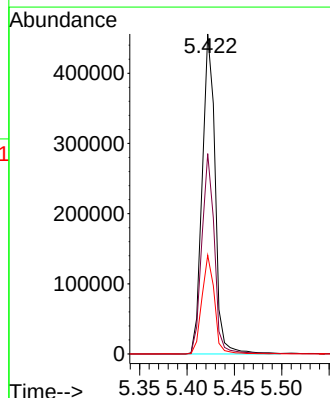
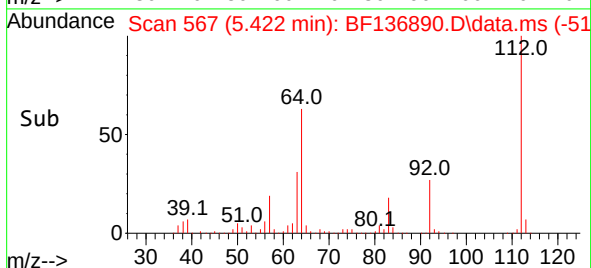
Tgt Ion:152 Resp: 75930  
Ion Ratio Lower Upper  
152 100  
150 155.4 127.0 190.6  
115 60.8 49.0 73.4

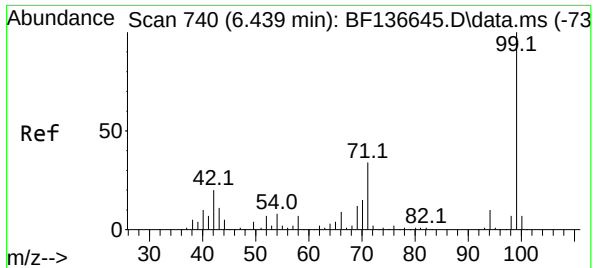


#5  
2-Fluorophenol  
Concen: 89.108 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06



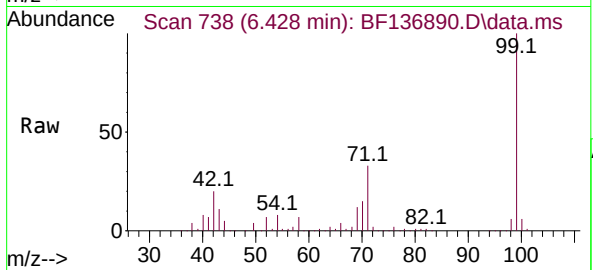
Tgt Ion:112 Resp: 433637  
Ion Ratio Lower Upper  
112 100  
64 62.6 51.1 76.7  
63 30.9 26.1 39.1



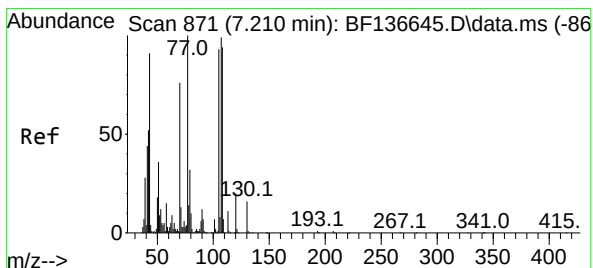
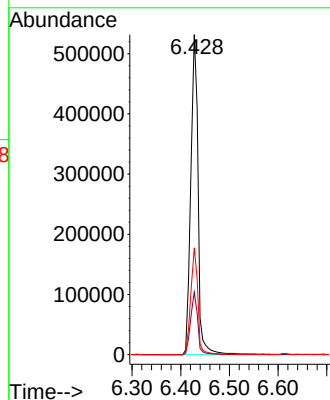
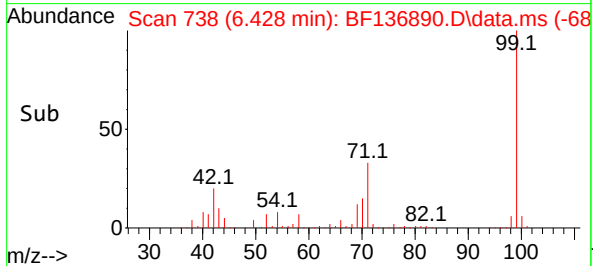


#7  
Phenol-d6  
Concen: 87.719 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

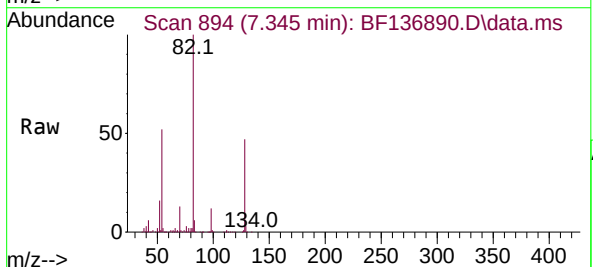
Instrument :  
BNA\_F  
ClientSampleId :



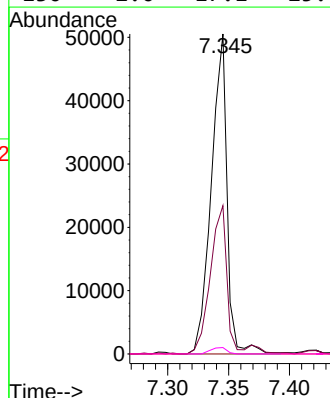
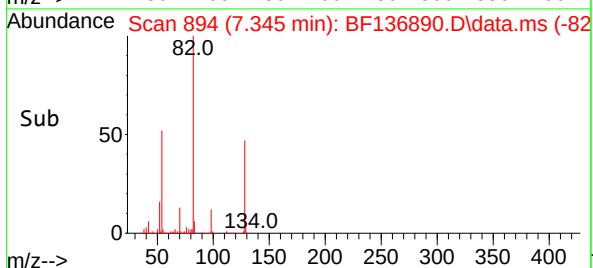
Tgt Ion: 99 Resp: 553130  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.1 24.1  
71 33.4 27.4 41.2

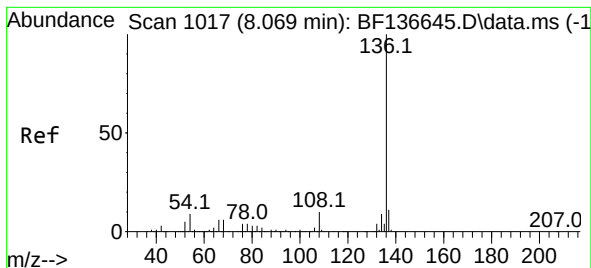


#19  
n-Nitroso-di-n-propylamine  
Concen: 11.877 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06



Tgt Ion: 70 Resp: 45401  
Ion Ratio Lower Upper  
70 100  
42 46.4 54.2 81.4#  
101 0.0 7.6 11.4#  
130 2.0 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

Instrument :

BNA\_F

ClientSampleId :

Tgt Ion:136 Resp: 288808

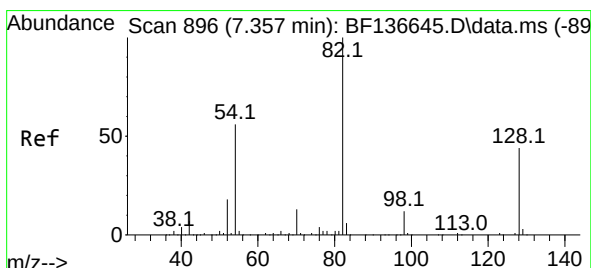
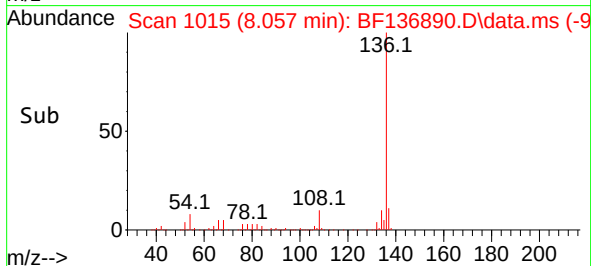
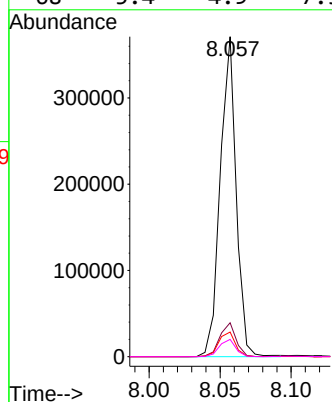
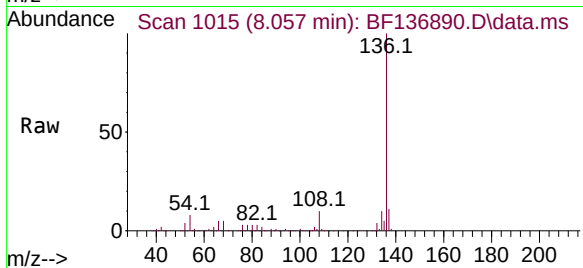
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 7.7 7.2 10.8

68 5.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 60.883 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

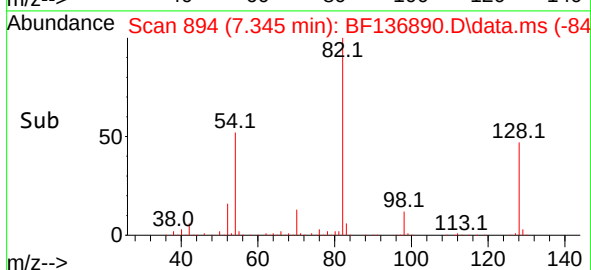
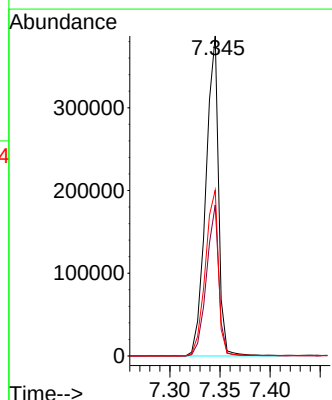
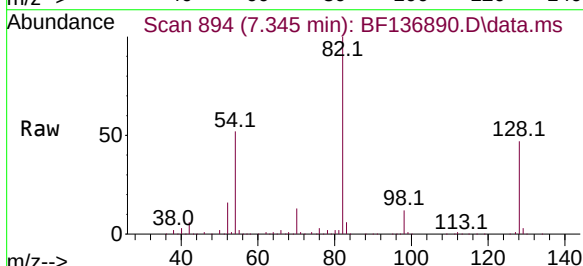
Tgt Ion: 82 Resp: 343622

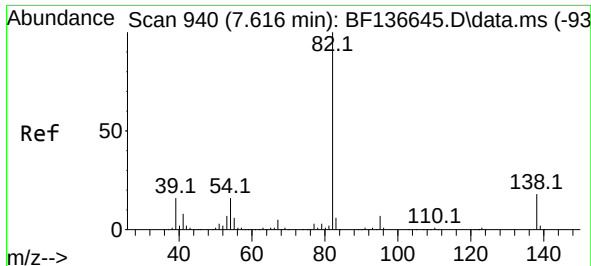
Ion Ratio Lower Upper

82 100

128 47.2 35.3 52.9

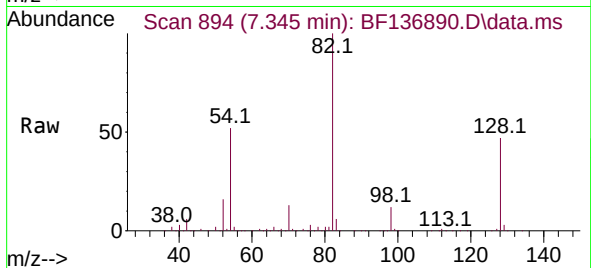
54 51.8 44.5 66.7



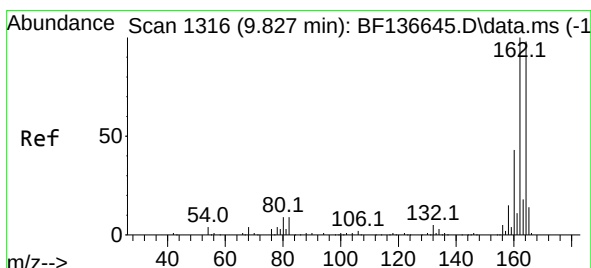
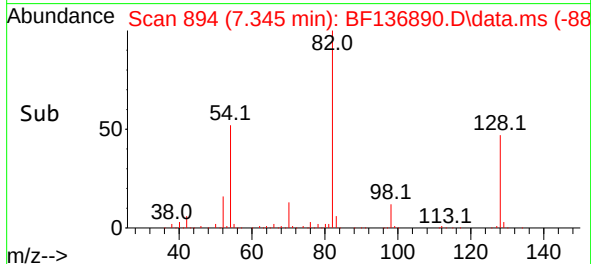
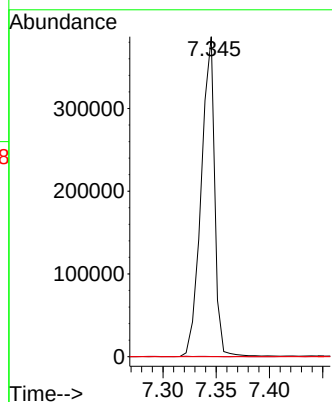


#25  
Isophorone  
Concen: 33.357 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.271 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Instrument :  
BNA\_F  
ClientSampleId :

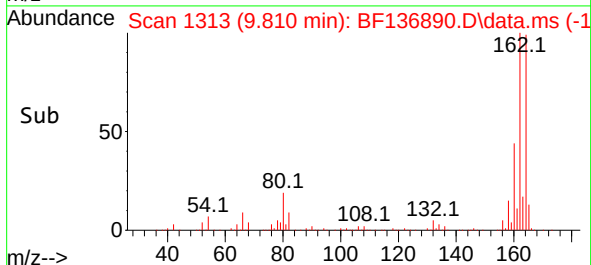
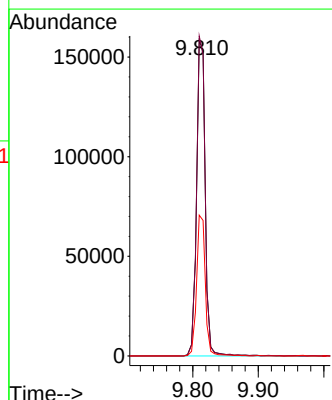
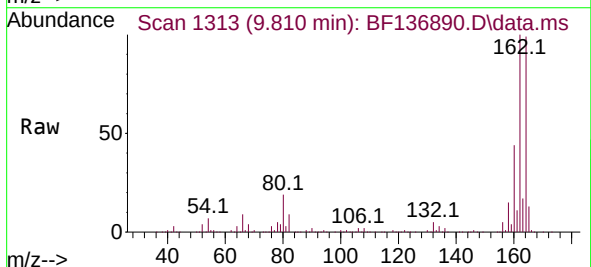


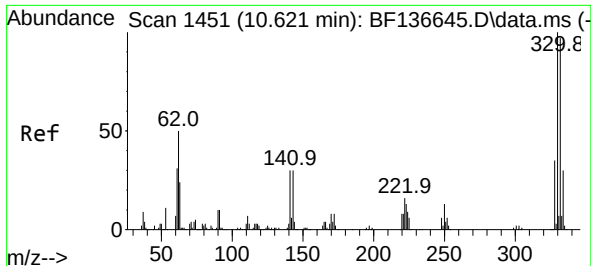
Tgt Ion: 82 Resp: 342574  
Ion Ratio Lower Upper  
82 100  
95 0.1 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. -0.018 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Tgt Ion:164 Resp: 145276  
Ion Ratio Lower Upper  
164 100  
162 101.5 81.6 122.4  
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 85.353 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

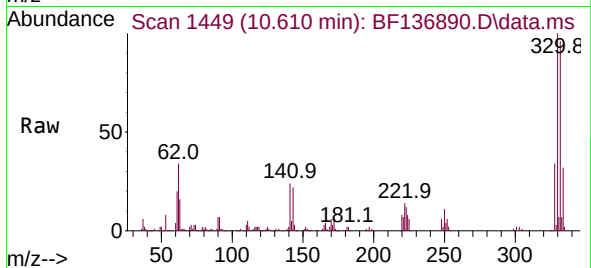
Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

Instrument :

BNA\_F

ClientSampleId :



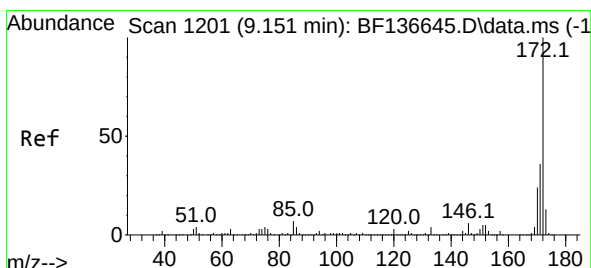
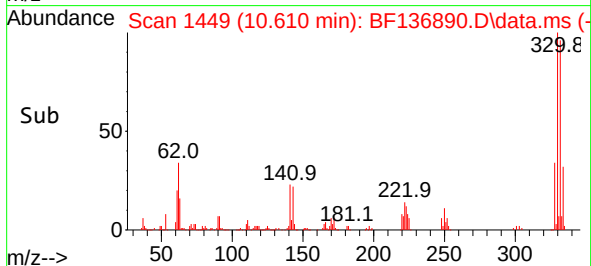
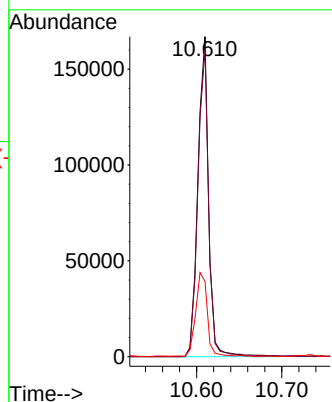
Tgt Ion:330 Resp: 146034

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 63.273 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

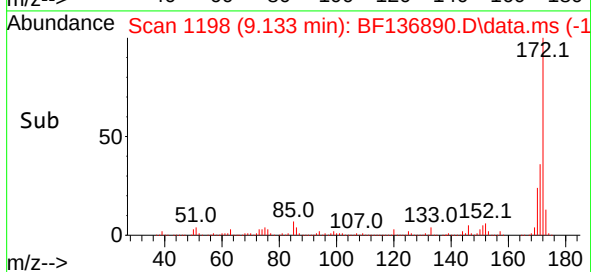
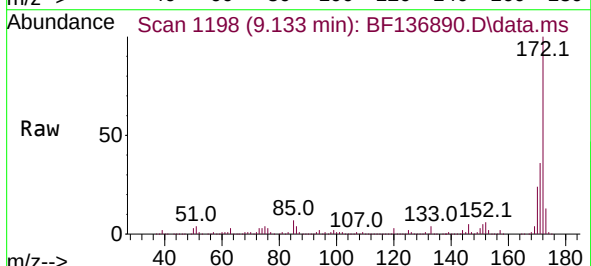
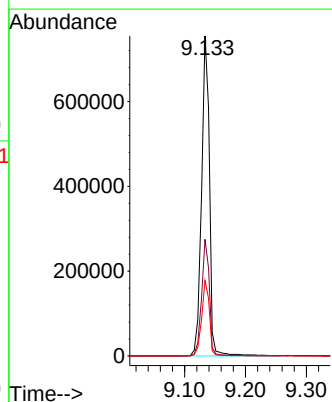
Tgt Ion:172 Resp: 683436

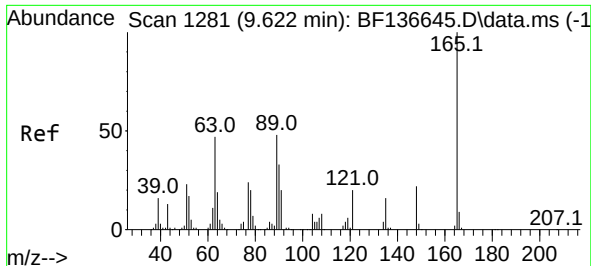
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

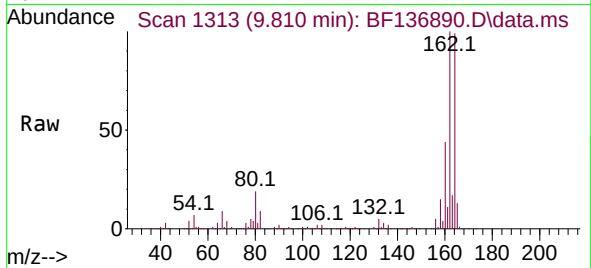
170 23.6 19.0 28.4



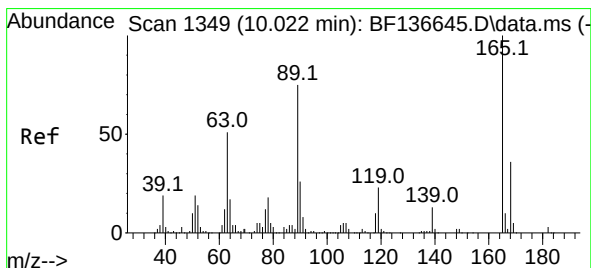
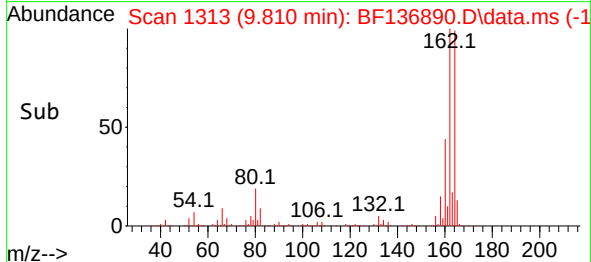
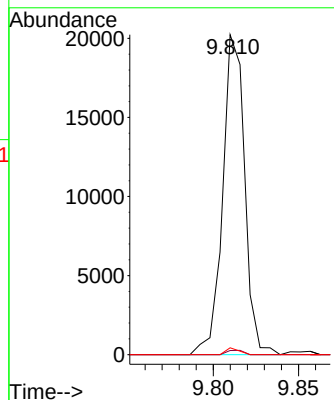


#51  
2,6-Dinitrotoluene  
Concen: 7.539 ng  
RT: 9.810 min Scan# 11  
Delta R.T. 0.188 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Instrument :  
BNA\_F  
ClientSampleId :

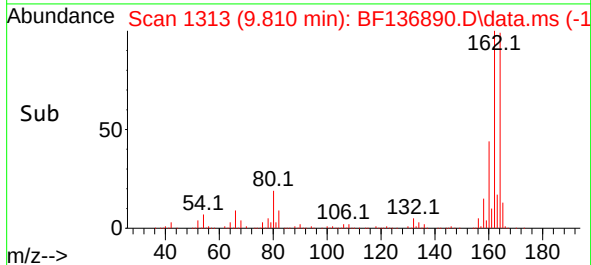
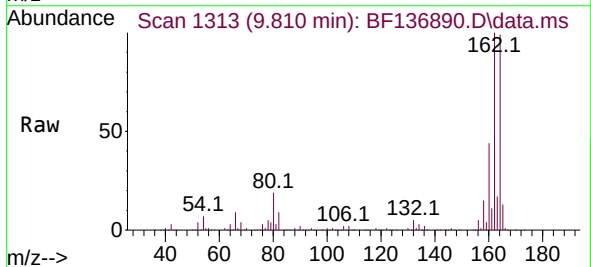
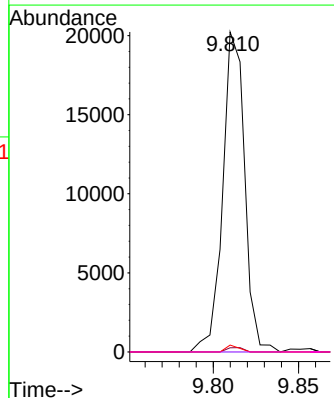


Tgt Ion:165 Resp: 18155  
Ion Ratio Lower Upper  
165 100  
63 1.3 39.8 59.6#  
89 2.1 38.8 58.2#

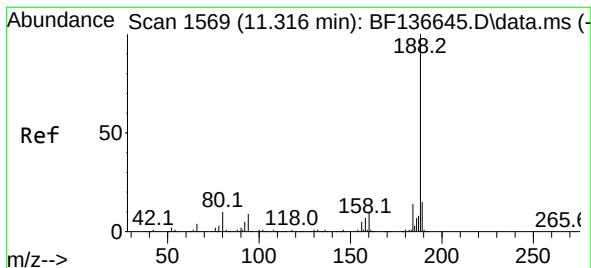


#57  
2,4-Dinitrotoluene  
Concen: 5.807 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. -0.212 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Tgt Ion:165 Resp: 18155  
Ion Ratio Lower Upper  
165 100  
63 1.3 41.0 61.6#  
89 2.1 59.9 89.9#  
182 0.0 2.0 3.0#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

Instrument :

BNA\_F

ClientSampleId :

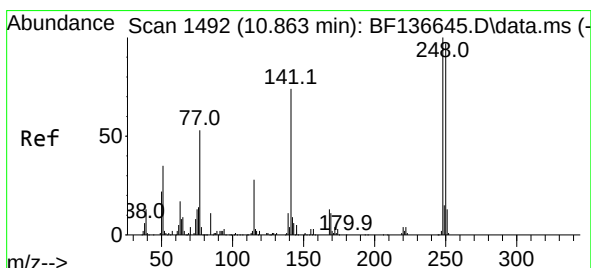
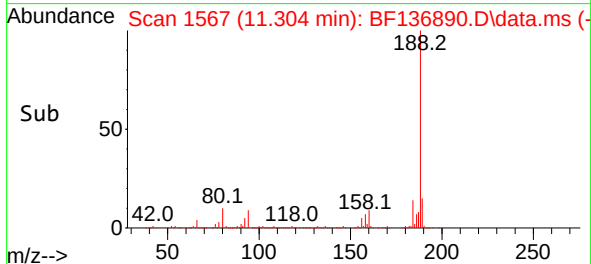
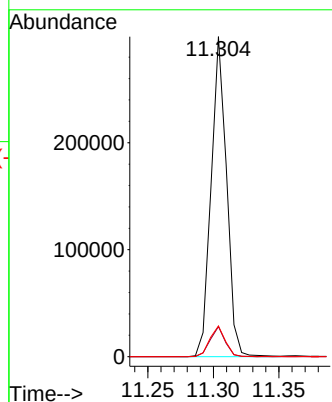
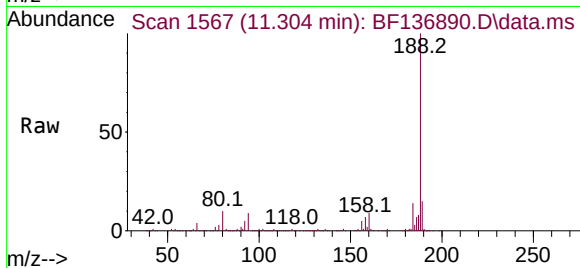
Tgt Ion:188 Resp: 245836

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 9.6 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.216 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

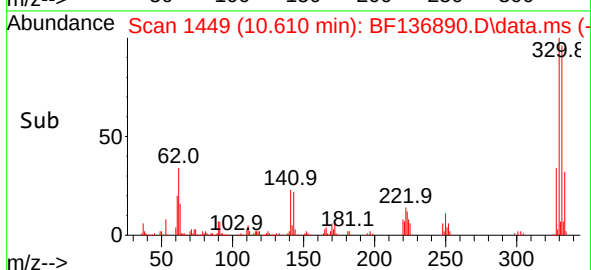
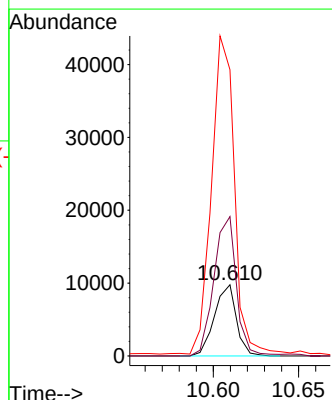
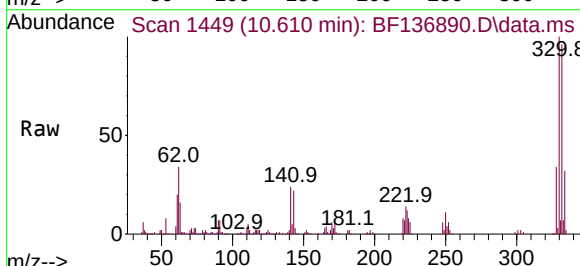
Tgt Ion:248 Resp: 8780

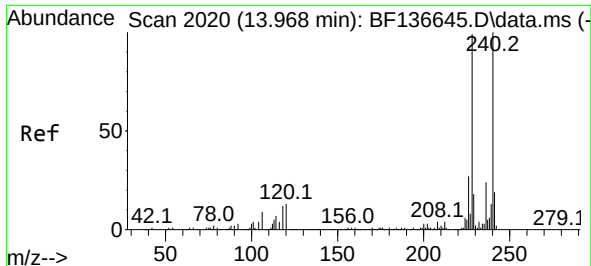
Ion Ratio Lower Upper

248 100

250 195.6 77.8 116.6#

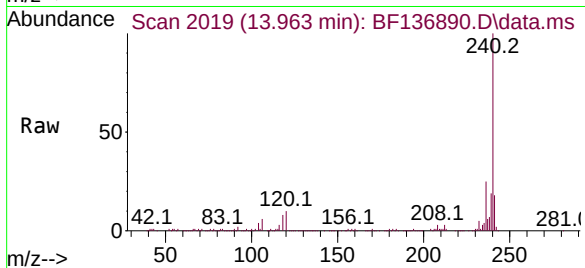
141 401.7 59.2 88.8#



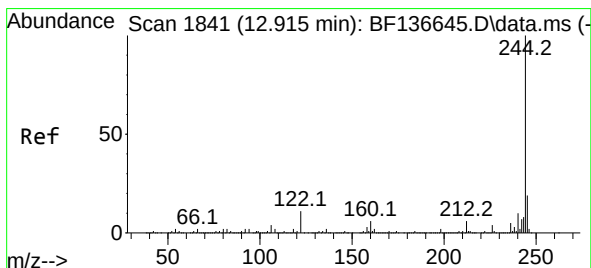
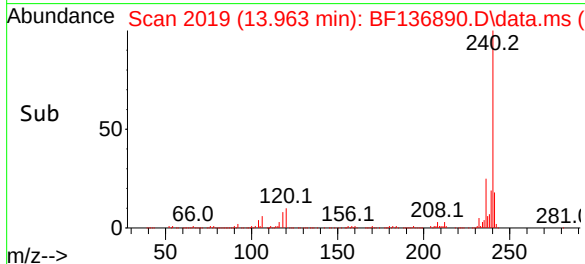
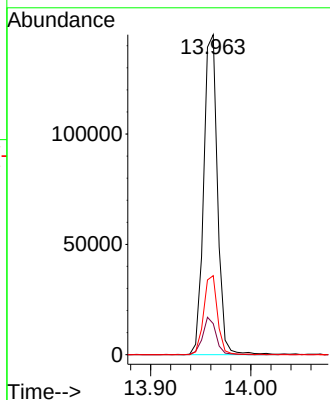


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Instrument :  
BNA\_F  
ClientSampleId :

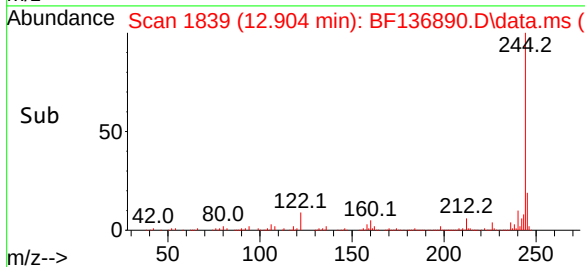
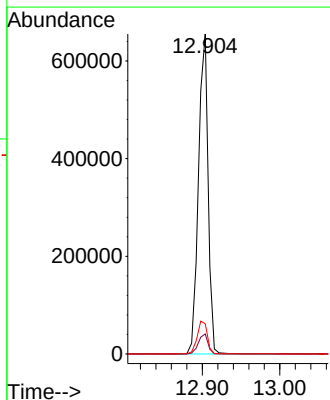
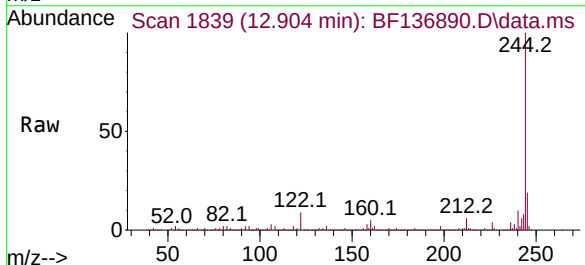


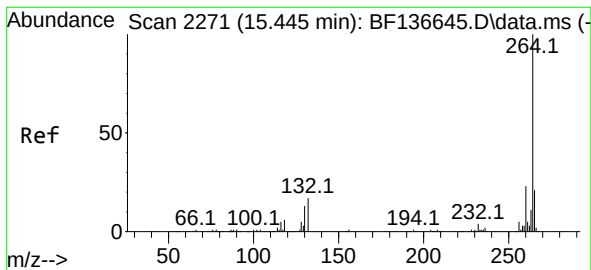
Tgt Ion:240 Resp: 139724  
Ion Ratio Lower Upper  
240 100  
120 9.7 10.3 15.5#  
236 24.7 19.4 29.2



#79  
Terphenyl-d14  
Concen: 56.575 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.012 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

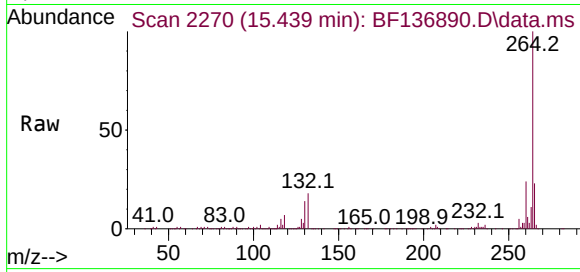
Tgt Ion:244 Resp: 565656  
Ion Ratio Lower Upper  
244 100  
212 6.3 5.0 7.4  
122 9.4 9.0 13.4





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.439 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:264 Resp: 145141  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.3 27.5  
265 22.5 17.0 25.6

