

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
 Data File : BF136896.D  
 Acq On : 03 Jan 2024 04:15  
 Operator : CG\JU  
 Sample : 05899-10  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 03 05:22:02 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

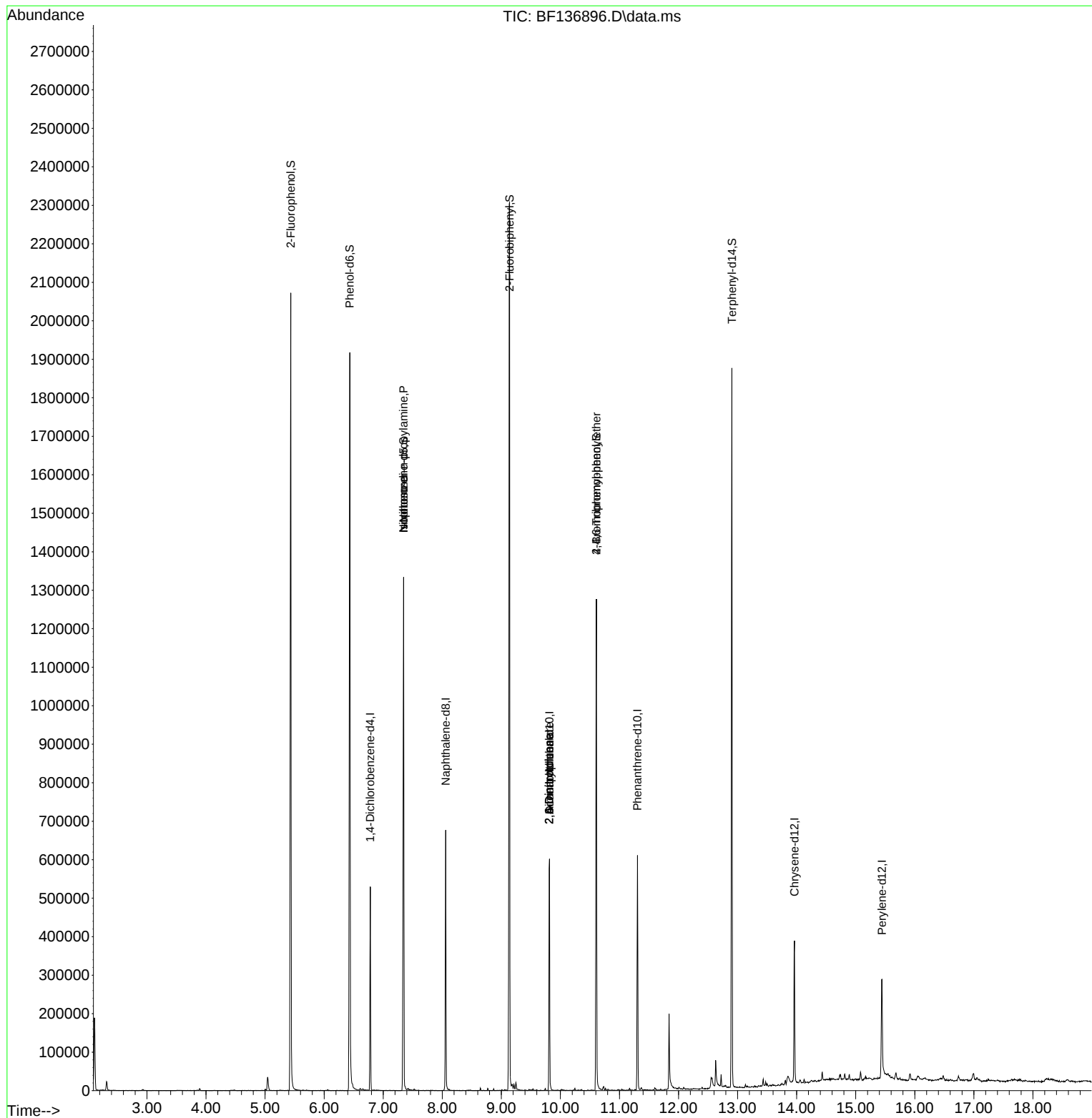
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 72278    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 264400   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 128505   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 209953   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.963 | 240  | 132547   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.445 | 264  | 129374   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 554063   | 119.607 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.434  | 99   | 698029   | 116.291 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 430573   | 83.332  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 164884   | 108.947 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 829331   | 86.801  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 646159   | 68.126  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 55648    | 15.294  | ng    | # 74     |
| 25) Isophorone                | 7.345  | 82   | 430634   | 45.803  | ng    | # 65     |
| 50) Dimethylphthalate         | 9.816  | 163  | 26141    | 2.785   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.810  | 165  | 16363    | 7.681   | ng    | # 30     |
| 57) 2,4-Dinitrotoluene        | 9.810  | 165  | 16363    | 5.917   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 9823     | 4.213   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

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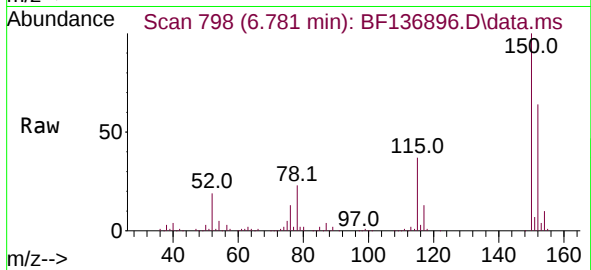
Quant Time: Jan 03 05:22:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
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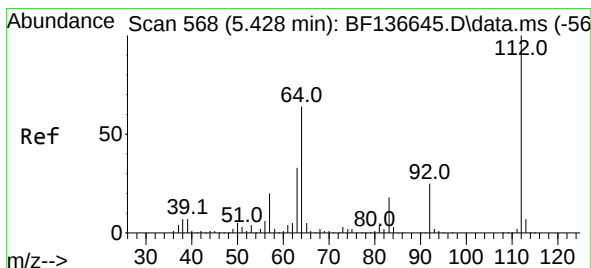
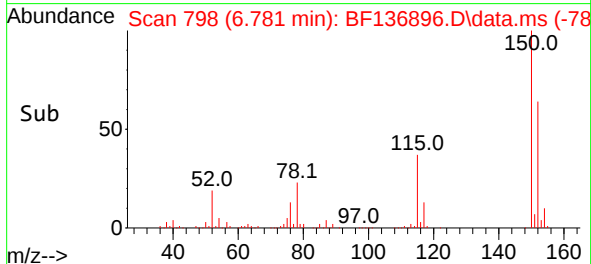
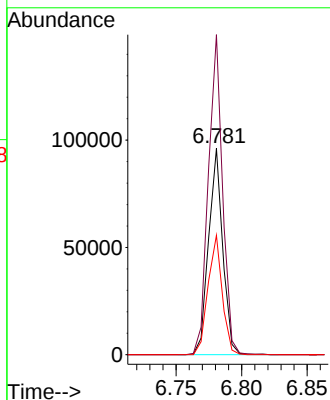


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Instrument :  
BNA\_F  
ClientSampleId :

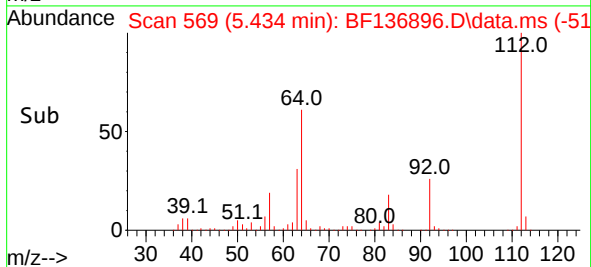
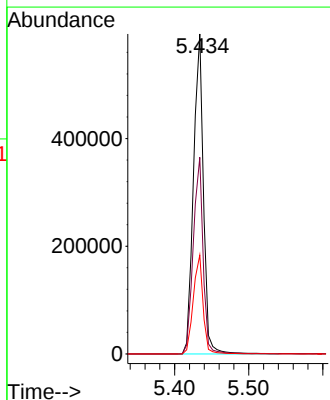
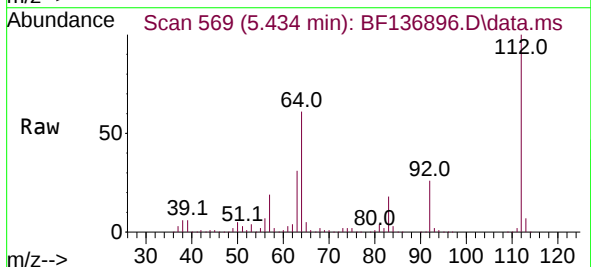


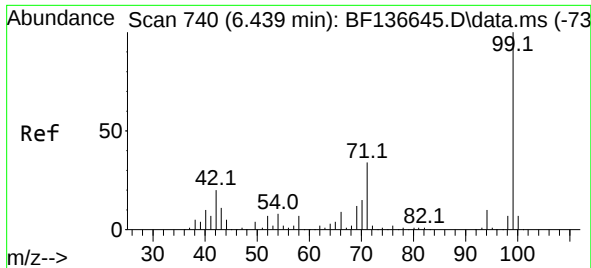
Tgt Ion:152 Resp: 72278  
Ion Ratio Lower Upper  
152 100  
150 155.1 127.0 190.6  
115 57.9 49.0 73.4



#5  
2-Fluorophenol  
Concen: 119.607 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Tgt Ion:112 Resp: 554063  
Ion Ratio Lower Upper  
112 100  
64 61.4 51.1 76.7  
63 30.9 26.1 39.1

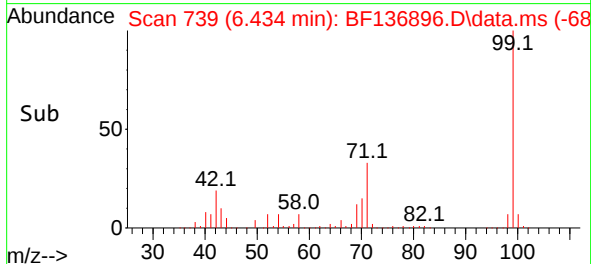
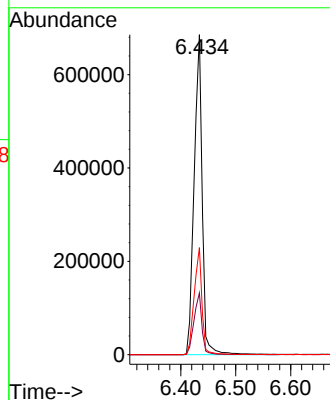
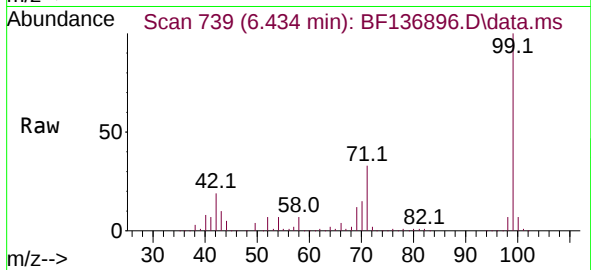




#7  
Phenol-d6  
Concen: 116.291 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

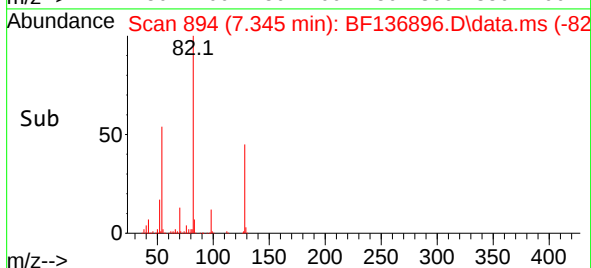
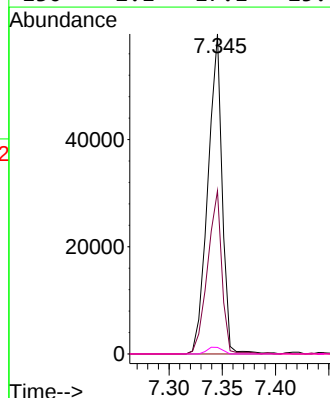
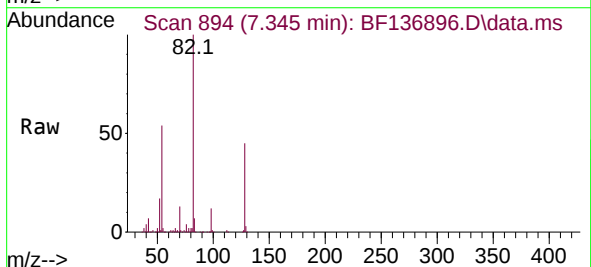
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion: 99 Resp: 698029  
Ion Ratio Lower Upper  
99 100  
42 19.3 16.1 24.1  
71 33.4 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.294 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Tgt Ion: 70 Resp: 55648  
Ion Ratio Lower Upper  
70 100  
42 51.0 54.2 81.4#  
101 0.0 7.6 11.4#  
130 2.1 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

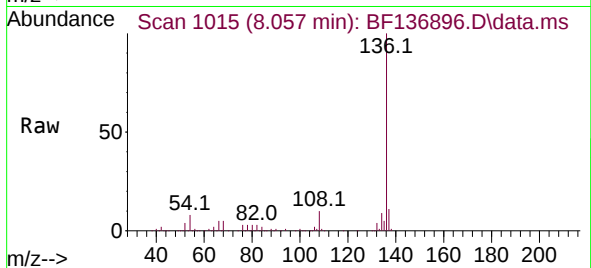
Lab File: BF136896.D

Acq: 03 Jan 2024 04:15

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:136 Resp: 264400

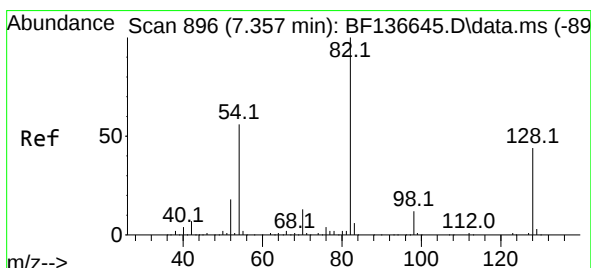
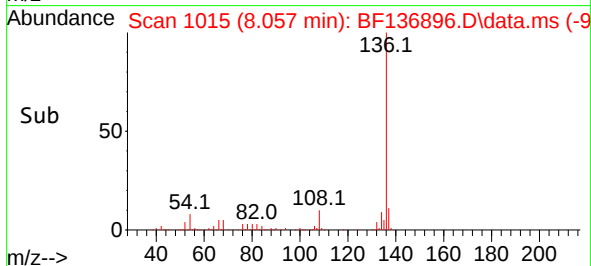
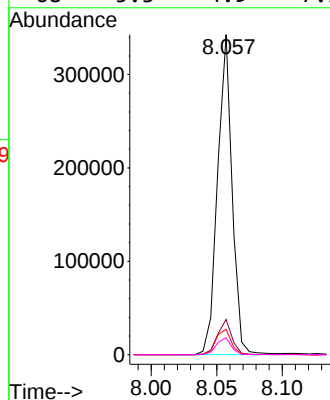
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.9 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 83.332 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136896.D

Acq: 03 Jan 2024 04:15

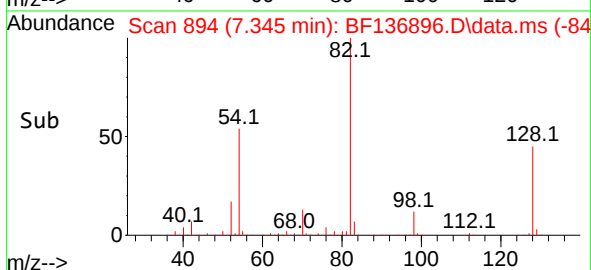
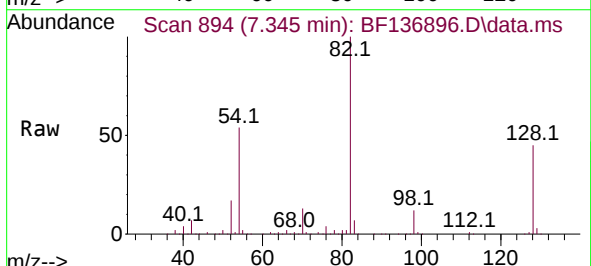
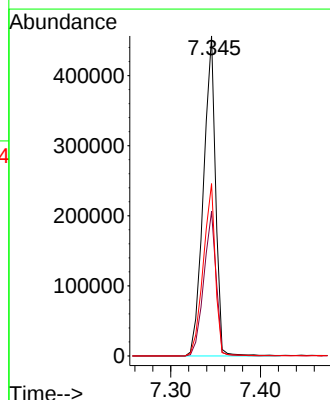
Tgt Ion: 82 Resp: 430573

Ion Ratio Lower Upper

82 100

128 45.1 35.3 52.9

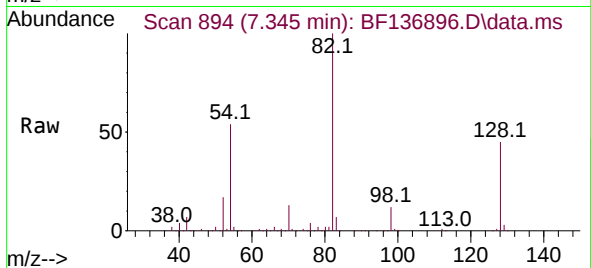
54 53.9 44.5 66.7



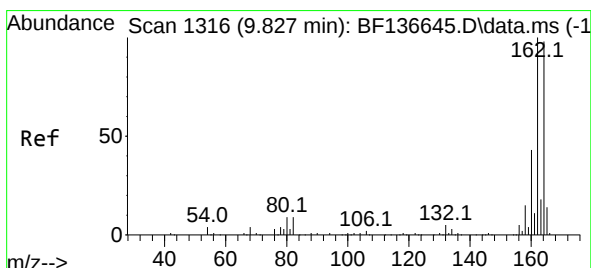
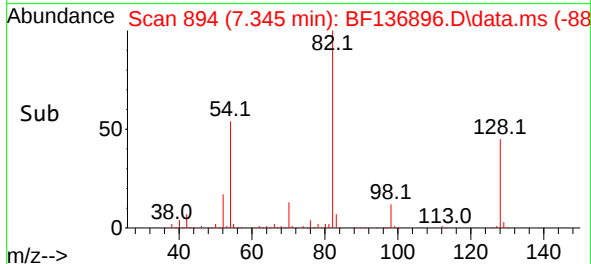
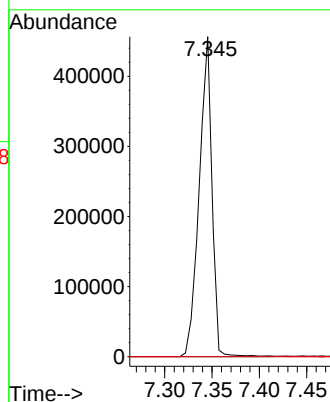


#25  
Isophorone  
Concen: 45.803 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.270 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Instrument :  
BNA\_F  
ClientSampleId :

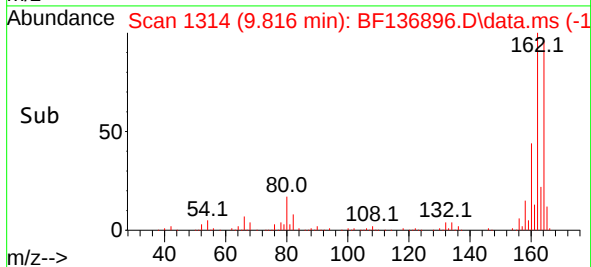
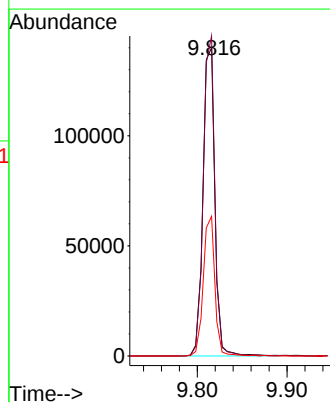
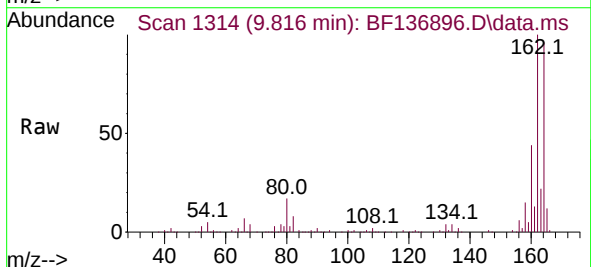


Tgt Ion: 82 Resp: 430634  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Tgt Ion:164 Resp: 128505  
Ion Ratio Lower Upper  
164 100  
162 103.8 81.6 122.4  
160 45.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 108.947 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

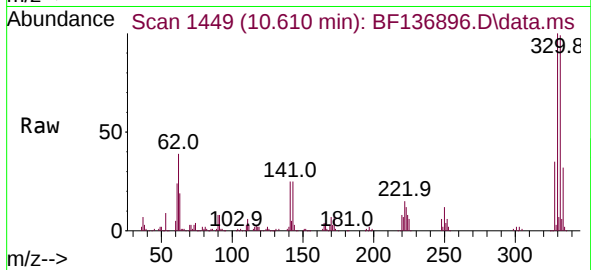
Lab File: BF136896.D

Acq: 03 Jan 2024 04:15

Instrument :

BNA\_F

ClientSampleId :



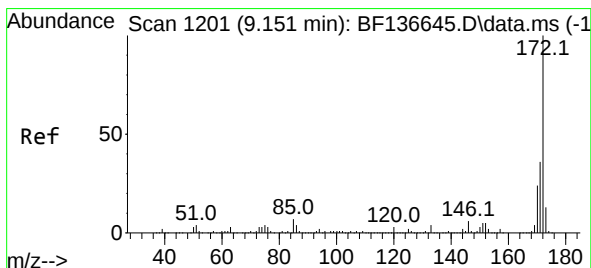
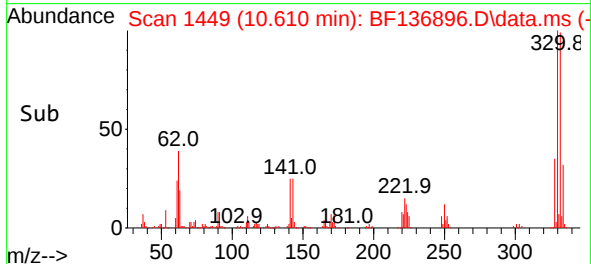
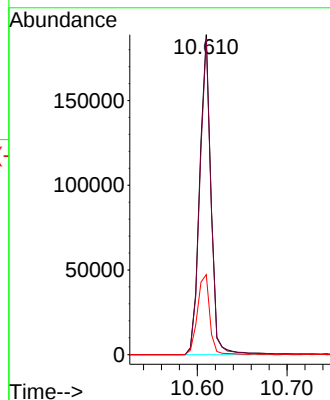
Tgt Ion:330 Resp: 164884

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 27.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 86.801 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136896.D

Acq: 03 Jan 2024 04:15

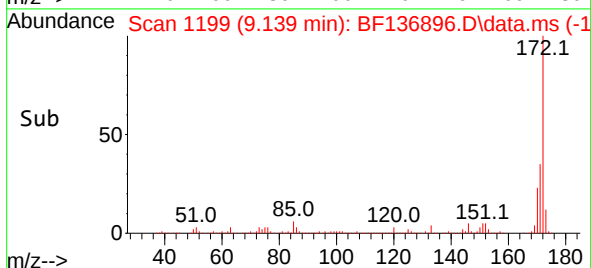
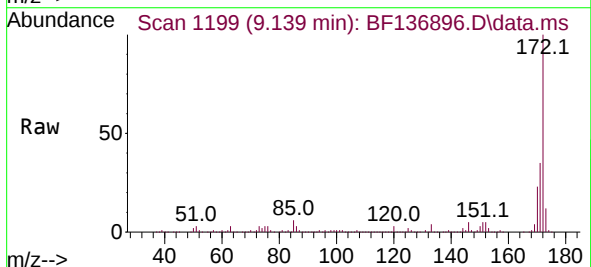
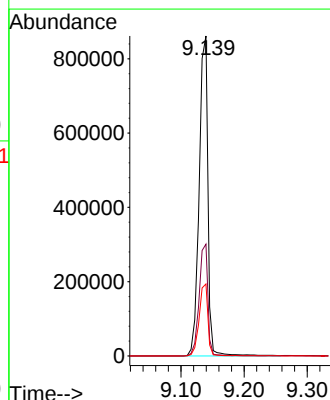
Tgt Ion:172 Resp: 829331

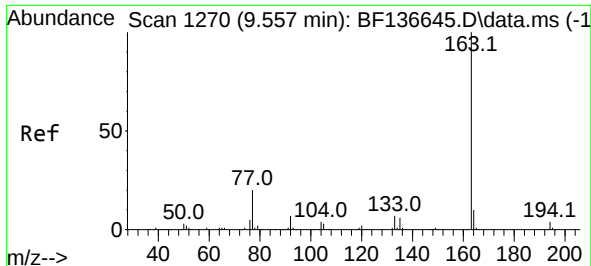
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 22.5 19.0 28.4

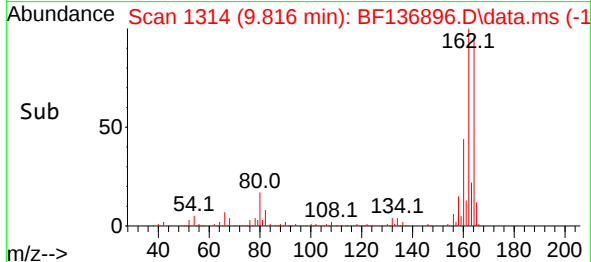
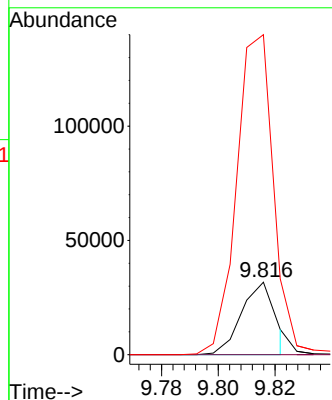
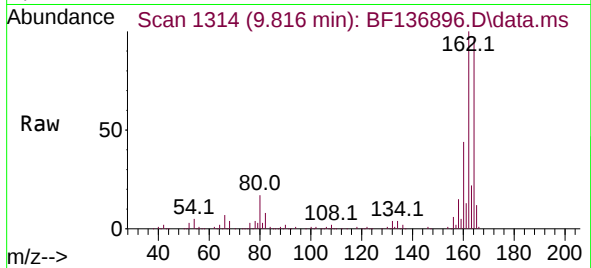




#50  
Dimethylphthalate  
Concen: 2.785 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.259 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

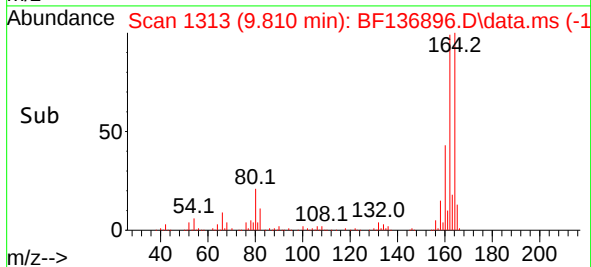
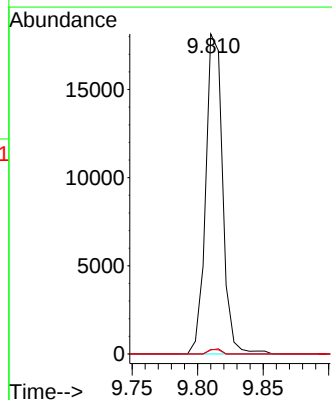
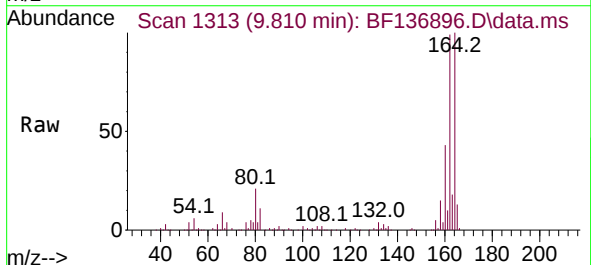
Instrument :  
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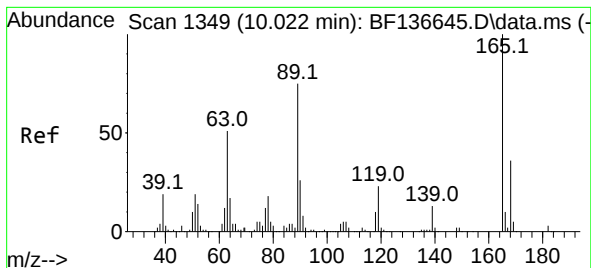
Tgt Ion:163 Resp: 26141  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 441.0 7.8 11.6#



#51  
2,6-Dinitrotoluene  
Concen: 7.681 ng  
RT: 9.810 min Scan# 1313  
Delta R.T. 0.188 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

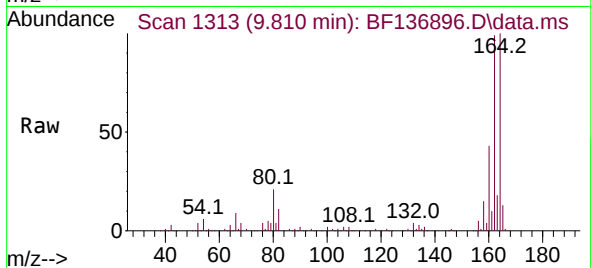
Tgt Ion:165 Resp: 16363  
Ion Ratio Lower Upper  
165 100  
63 1.3 39.8 59.6#  
89 1.4 38.8 58.2#



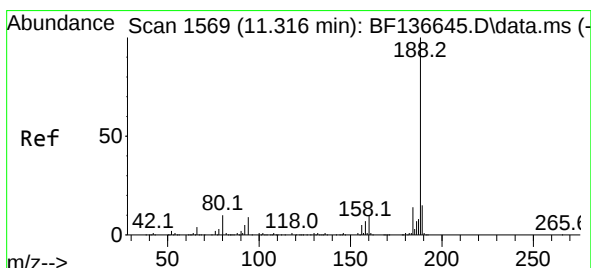
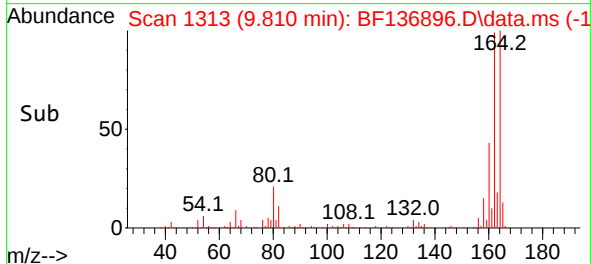
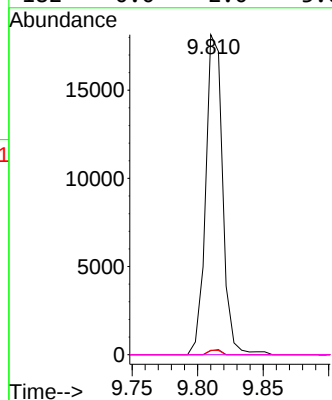


#57  
2,4-Dinitrotoluene  
Concen: 5.917 ng  
RT: 9.810 min Scan# 11  
Delta R.T. -0.212 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Instrument :  
BNA\_F  
ClientSampleId :

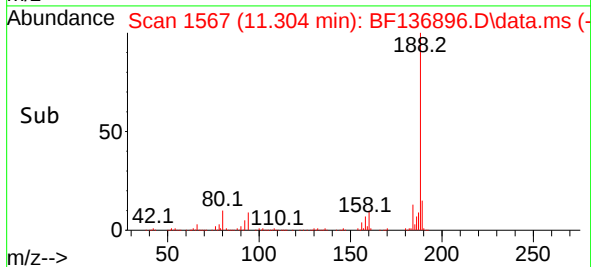
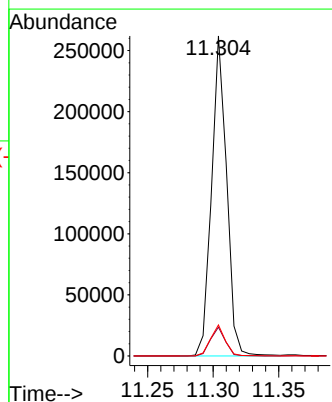
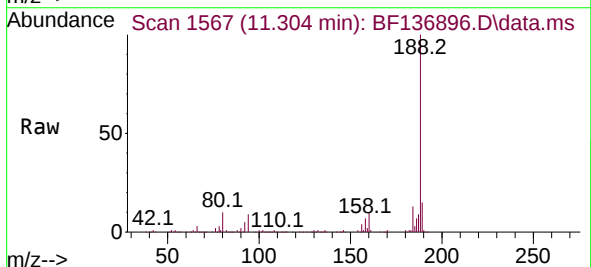


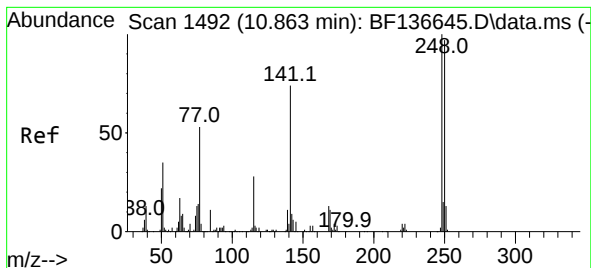
Tgt Ion:165 Resp: 16363  
Ion Ratio Lower Upper  
165 100  
63 1.3 41.0 61.6#  
89 1.4 59.9 89.9#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1567  
Delta R.T. -0.012 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Tgt Ion:188 Resp: 209953  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.5 11.3  
80 9.7 8.1 12.1

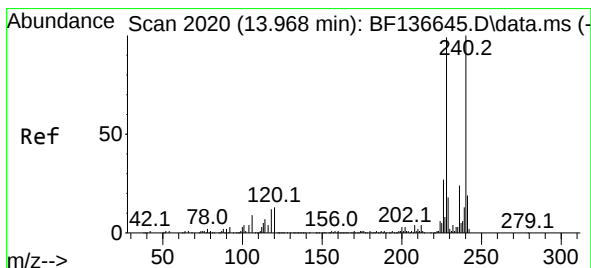
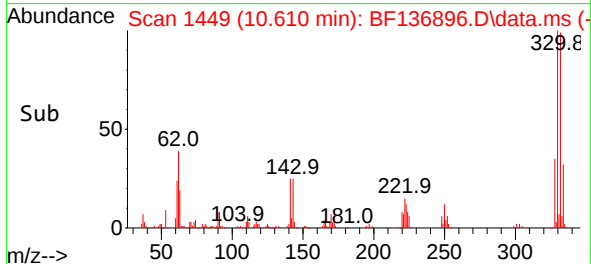
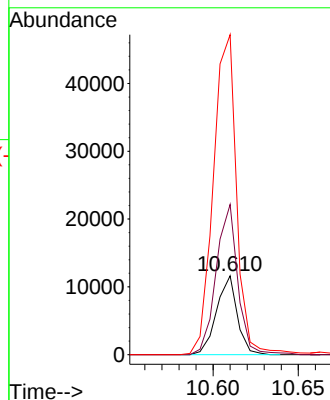
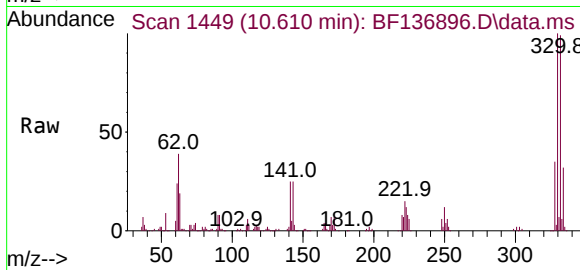




#67  
4-Bromophenyl-phenylether  
Concen: 4.213 ng  
RT: 10.610 min Scan# 1492  
Delta R.T. -0.253 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

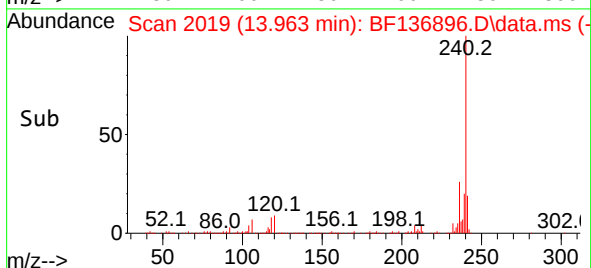
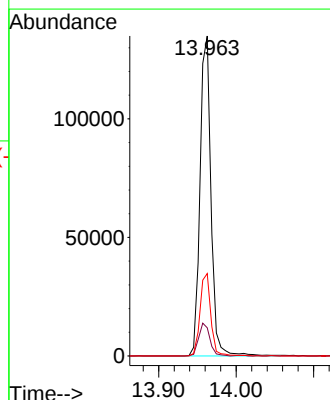
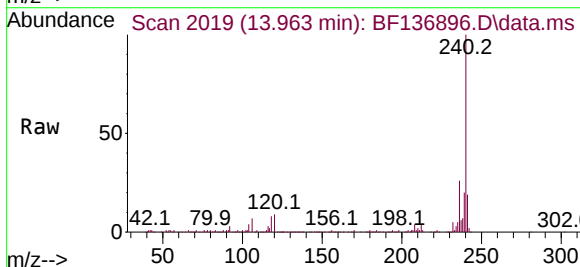
Instrument :  
BNA\_F  
ClientSampleId :

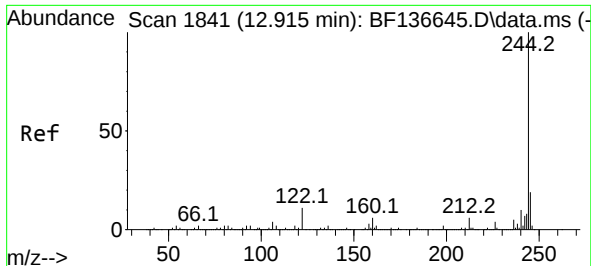
Tgt Ion:248 Resp: 9823  
Ion Ratio Lower Upper  
248 100  
250 190.6 77.8 116.6#  
141 406.0 59.2 88.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

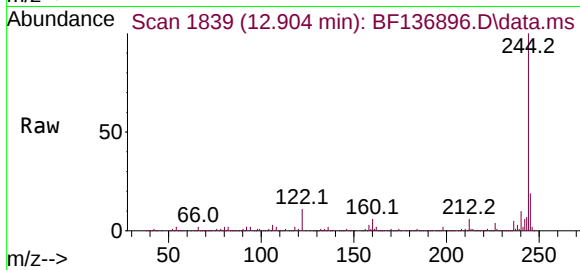
Tgt Ion:240 Resp: 132547  
Ion Ratio Lower Upper  
240 100  
120 8.8 10.3 15.5#  
236 25.8 19.4 29.2



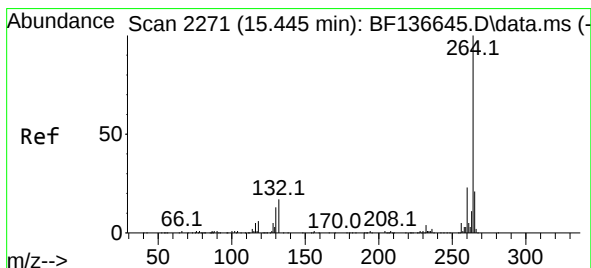
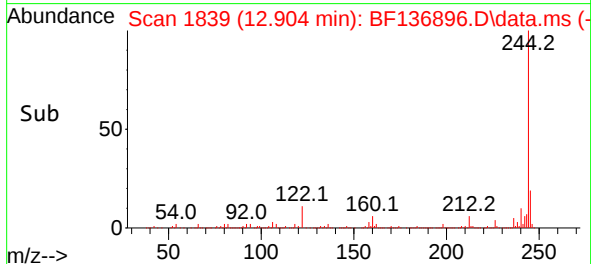
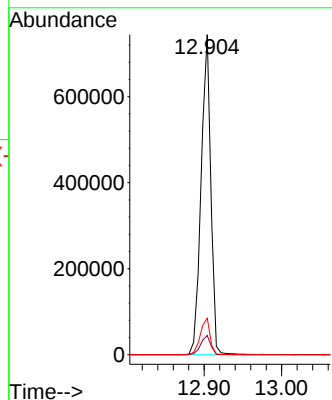


#79  
Terphenyl-d14  
Concen: 68.126 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.012 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:244 Resp: 646159  
Ion Ratio Lower Upper  
244 100  
212 6.0 5.0 7.4  
122 11.4 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.445 min Scan# 2271  
Delta R.T. 0.000 min  
Lab File: BF136896.D  
Acq: 03 Jan 2024 04:15

Tgt Ion:264 Resp: 129374  
Ion Ratio Lower Upper  
264 100  
260 20.9 18.3 27.5  
265 21.5 17.0 25.6

