

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122223\  
 Data File : BF136695.D  
 Acq On : 22 Dec 2023 20:15  
 Operator : CG\JU  
 Sample : 05931-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Dec 23 01:55:27 2023  
 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

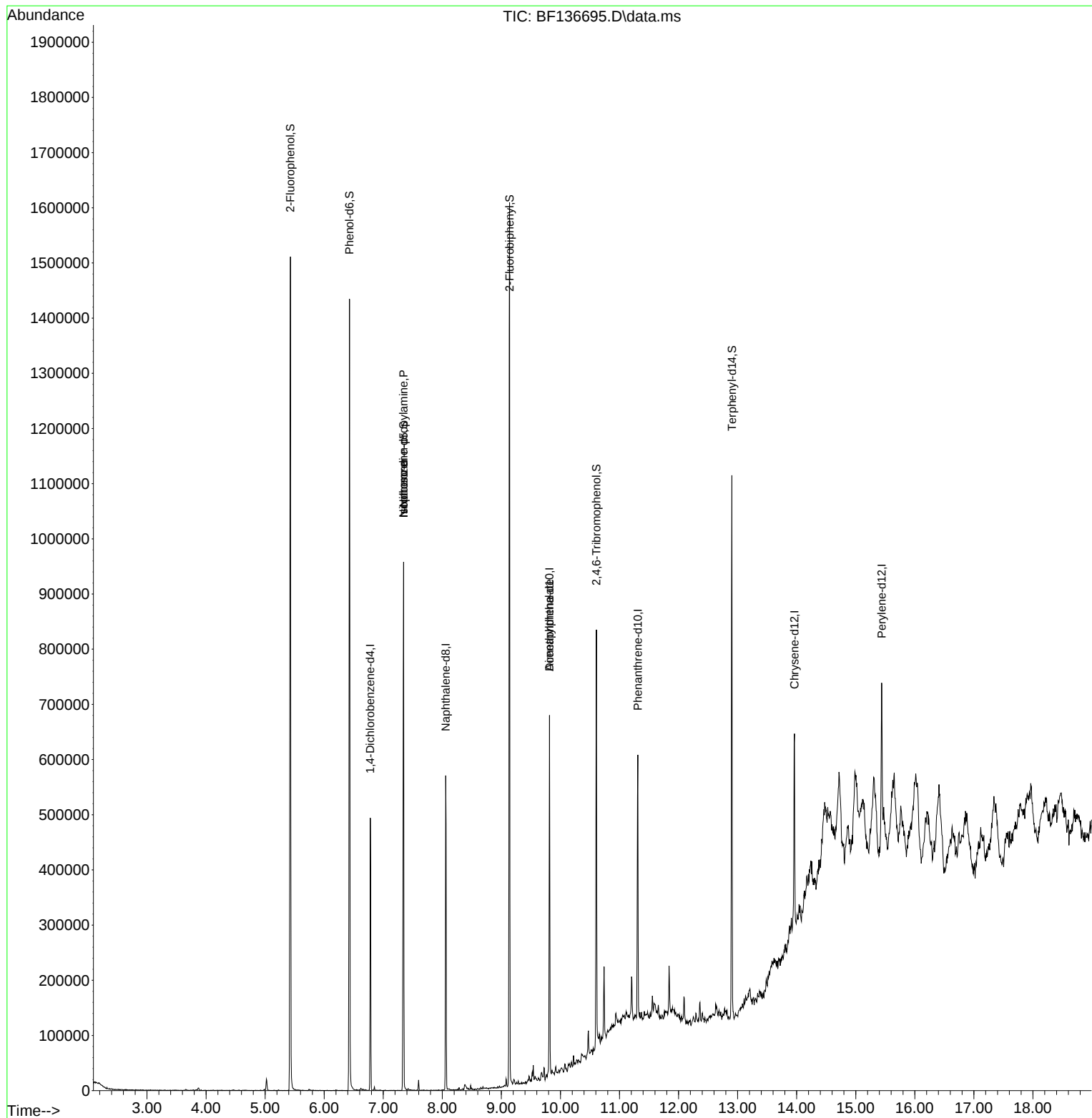
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 68501    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.057  | 136  | 248600   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 114339   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 176761   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.963 | 240  | 120527   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.439 | 264  | 136337   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.428  | 112  | 374741   | 85.357 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 455631   | 80.093 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 284032   | 58.464 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 91379    | 67.859 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 483387   | 56.861 | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.904 | 244  | 333178   | 38.631 | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 37194    | 10.786 | ng    | # 78     |
| 25) Isophorone                | 7.345  | 82   | 284029   | 32.130 | ng    | # 65     |
| 50) Dimethylphthalate         | 9.816  | 163  | 23941    | 2.867  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

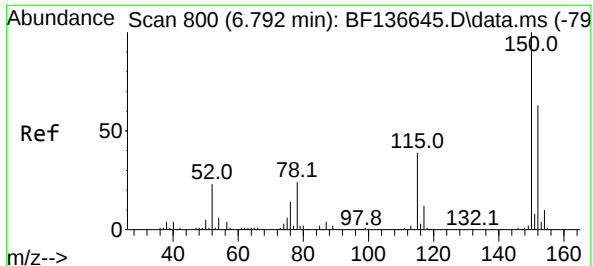
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122223\  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

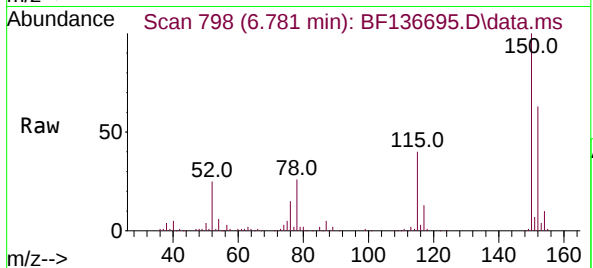
Quant Time: Dec 23 01:55:27 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration



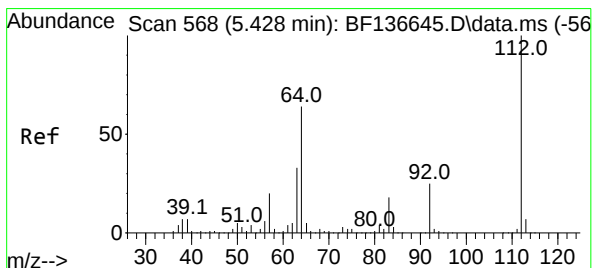
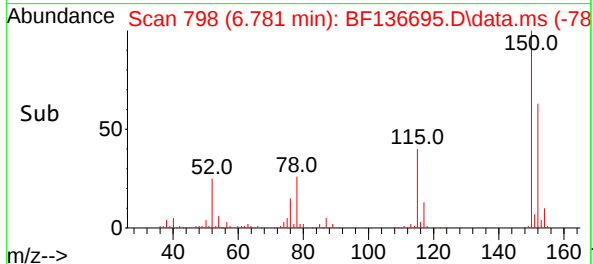
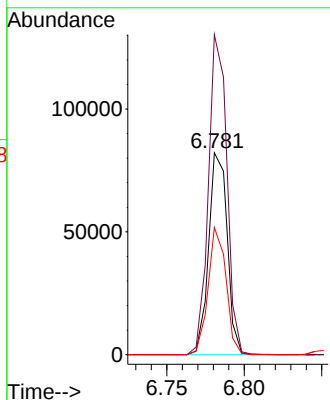


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15

Instrument :  
BNA\_F  
ClientSampleId :

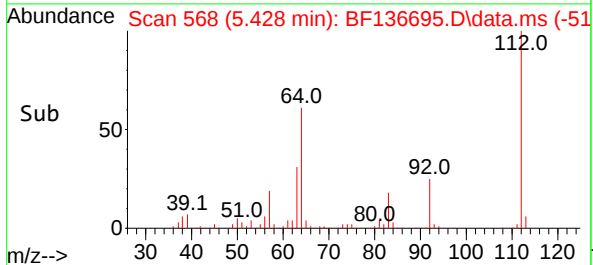
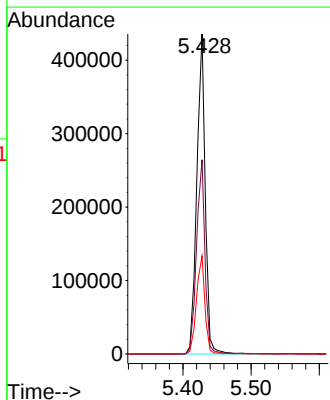
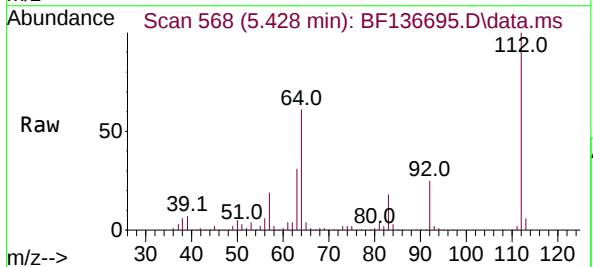


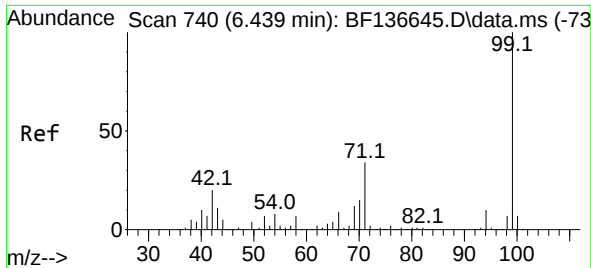
Tgt Ion:152 Resp: 68501  
Ion Ratio Lower Upper  
152 100  
150 158.5 127.0 190.6  
115 63.0 49.0 73.4



#5  
2-Fluorophenol  
Concen: 85.357 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15

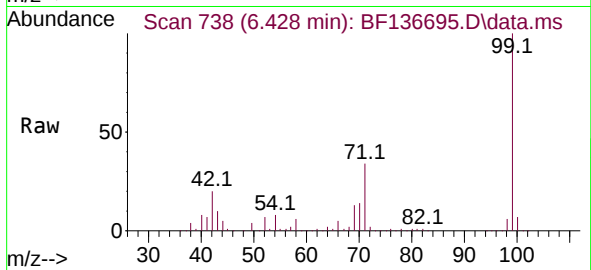
Tgt Ion:112 Resp: 374741  
Ion Ratio Lower Upper  
112 100  
64 60.7 51.1 76.7  
63 30.7 26.1 39.1



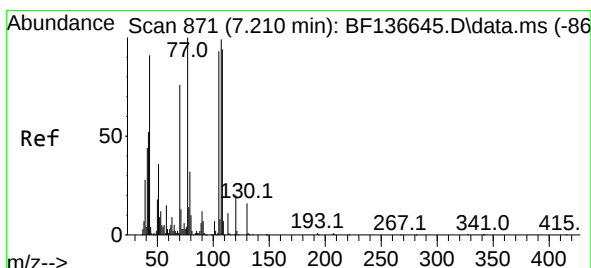
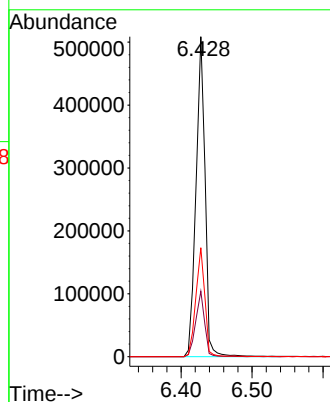
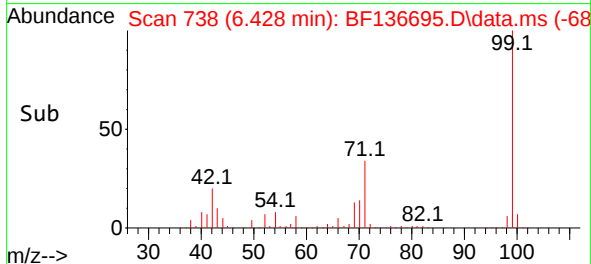


#7  
Phenol-d6  
Concen: 80.093 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15

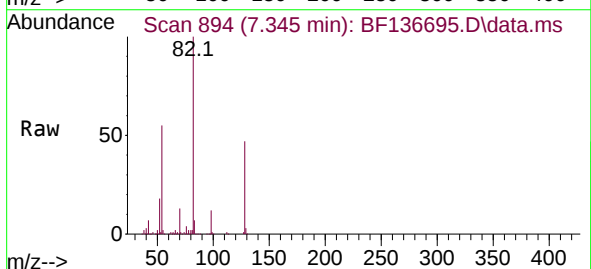
Instrument :  
BNA\_F  
ClientSampleId :



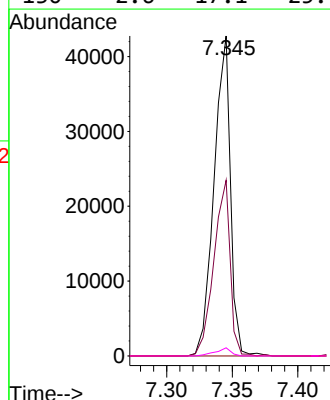
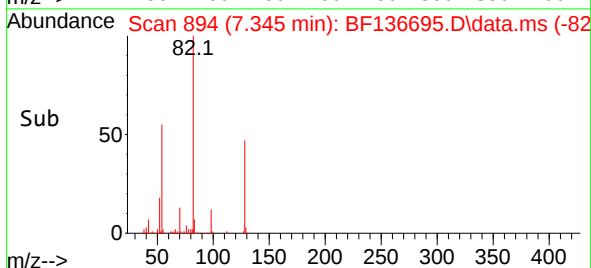
Tgt Ion: 99 Resp: 455631  
Ion Ratio Lower Upper  
99 100  
42 20.4 16.1 24.1  
71 34.0 27.4 41.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 10.786 ng  
RT: 7.345 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15



Tgt Ion: 70 Resp: 37194  
Ion Ratio Lower Upper  
70 100  
42 54.9 54.2 81.4  
101 0.0 7.6 11.4#  
130 2.6 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

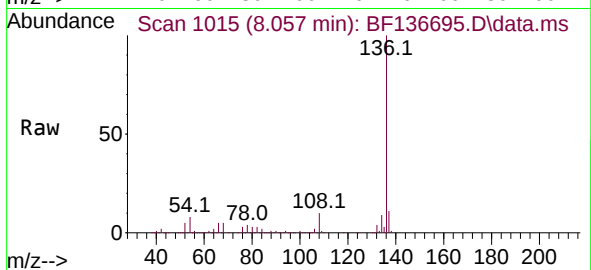
Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:136 Resp: 248600

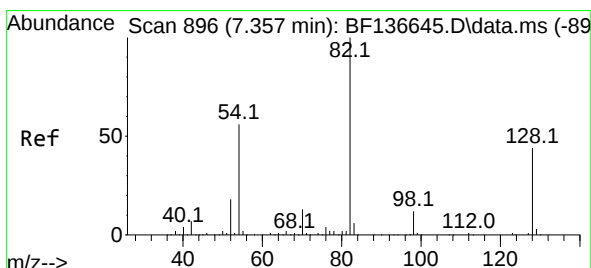
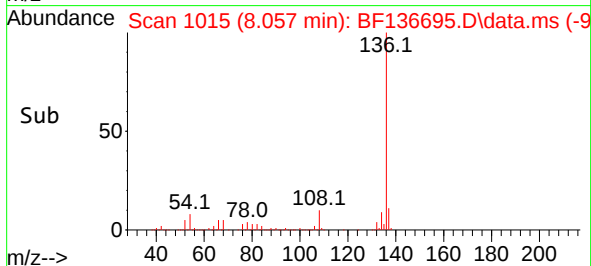
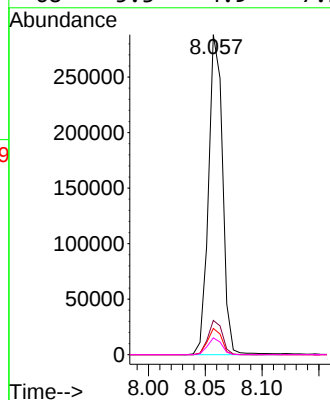
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.2 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 58.464 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

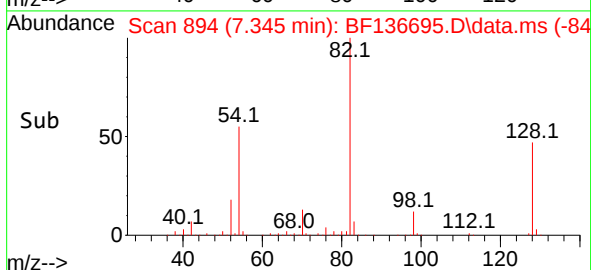
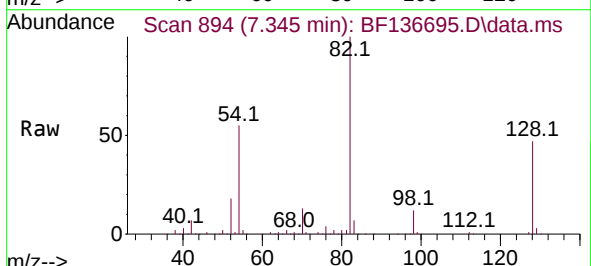
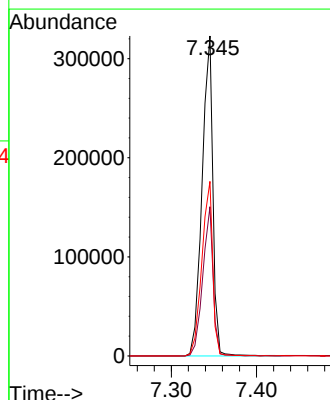
Tgt Ion: 82 Resp: 284032

Ion Ratio Lower Upper

82 100

128 46.6 35.3 52.9

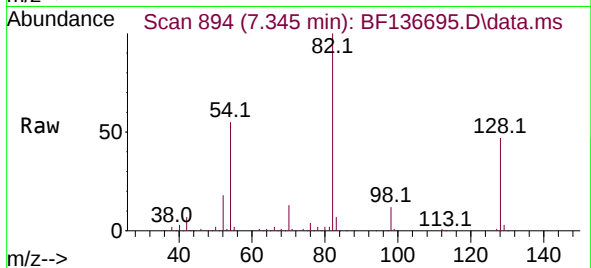
54 54.5 44.5 66.7



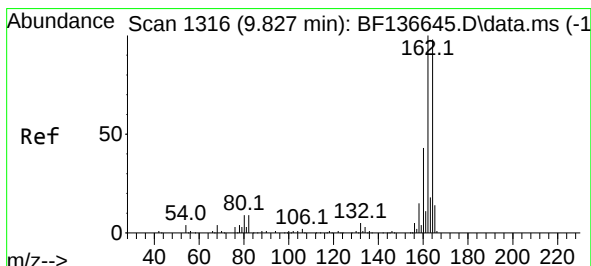
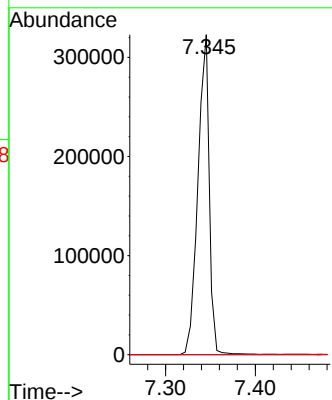
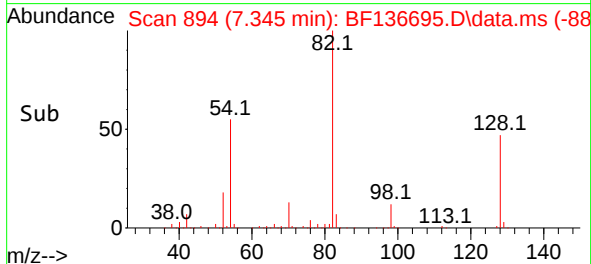


#25  
Isophorone  
Concen: 32.130 ng  
RT: 7.345 min Scan# 894  
Delta R.T. -0.270 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15

Instrument :  
BNA\_F  
ClientSampleId :

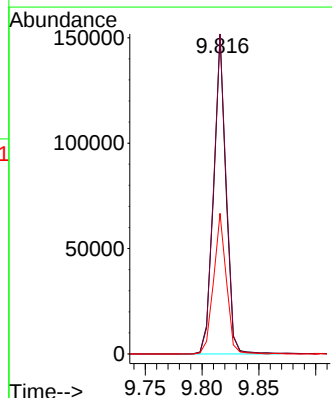
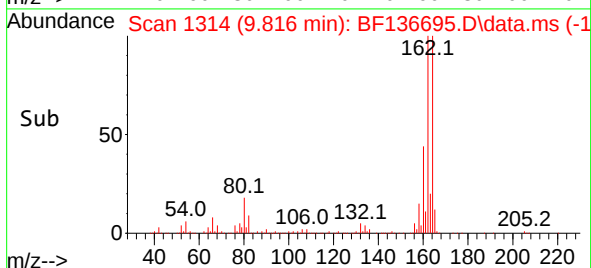
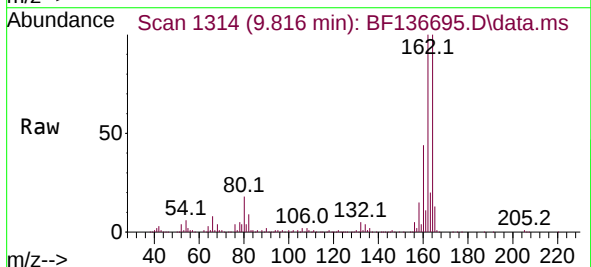


Tgt Ion: 82 Resp: 284029  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15

Tgt Ion:164 Resp: 114339  
Ion Ratio Lower Upper  
164 100  
162 100.0 81.6 122.4  
160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 67.859 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

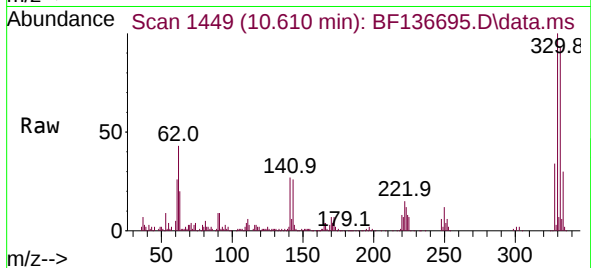
Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

Instrument :

BNA\_F

ClientSampleId :



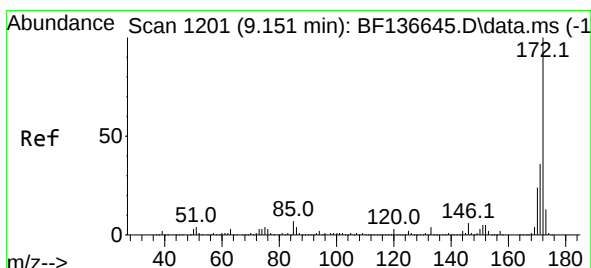
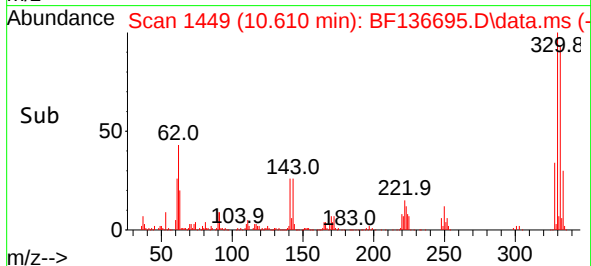
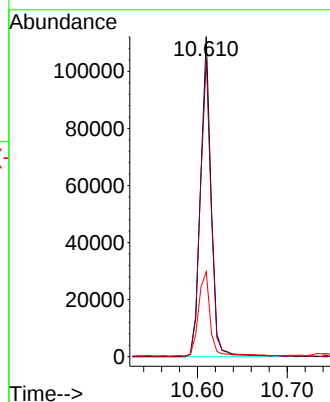
Tgt Ion:330 Resp: 91379

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 56.861 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

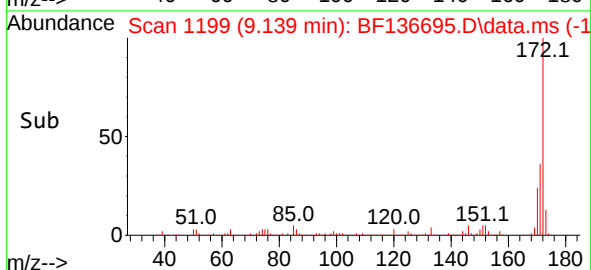
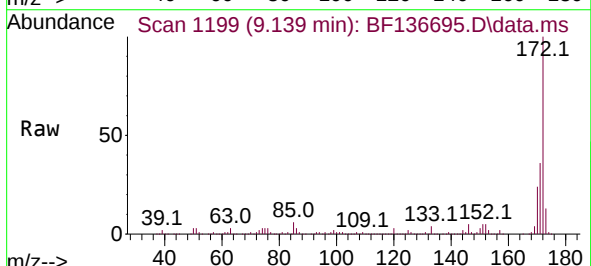
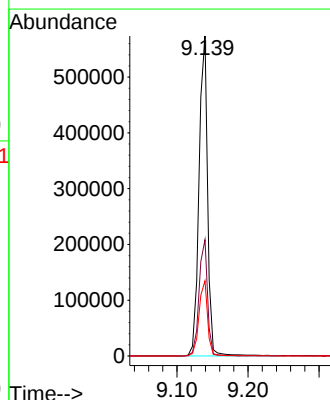
Tgt Ion:172 Resp: 483387

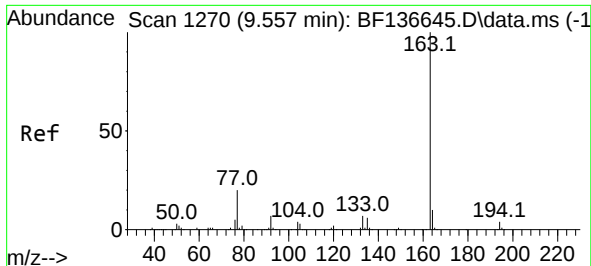
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

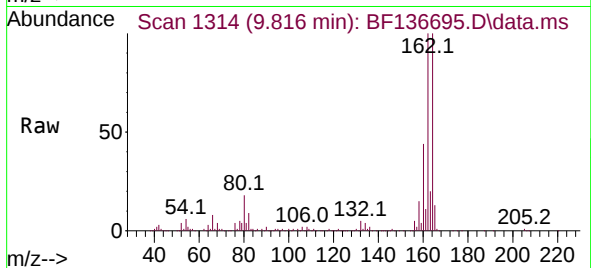
170 23.5 19.0 28.4



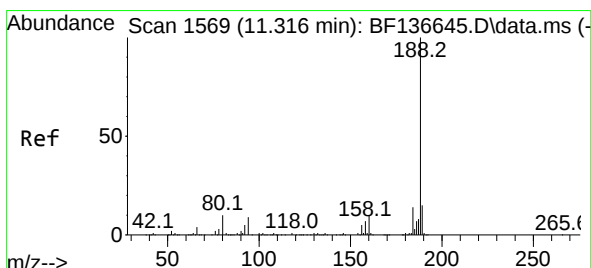
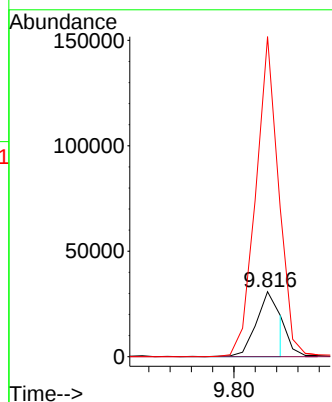
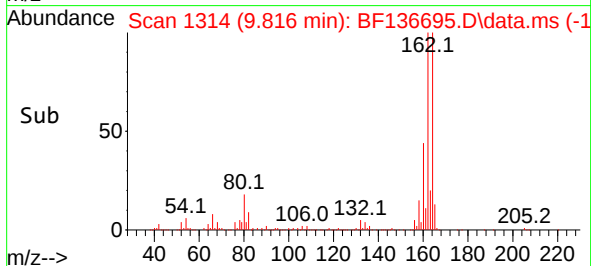


#50  
Dimethylphthalate  
Concen: 2.867 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.259 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15

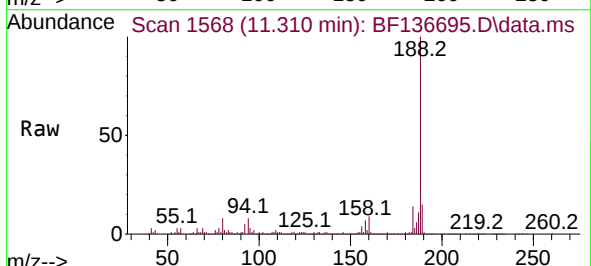
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ClientSampleId :



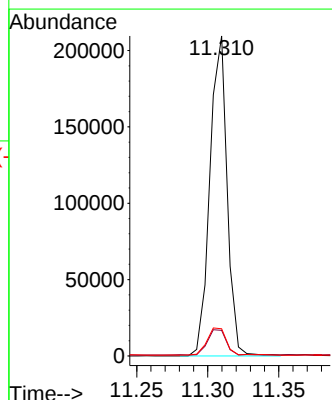
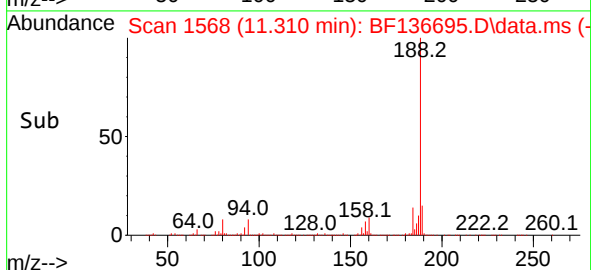
Tgt Ion:163 Resp: 23941  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 492.0 7.8 11.6#

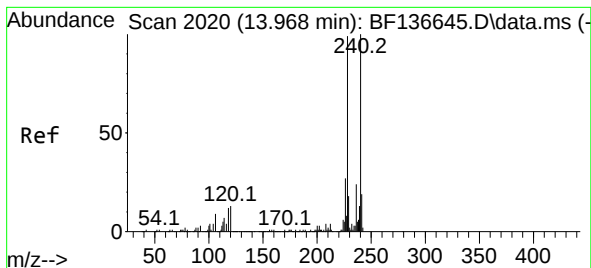


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF136695.D  
Acq: 22 Dec 2023 20:15



Tgt Ion:188 Resp: 176761  
Ion Ratio Lower Upper  
188 100  
94 8.0 7.5 11.3  
80 8.5 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

Instrument :

BNA\_F

ClientSampleId :

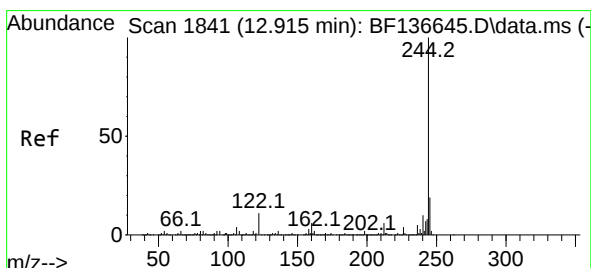
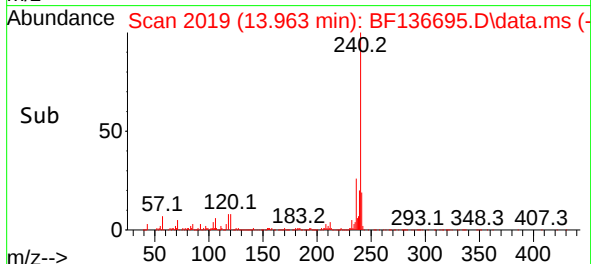
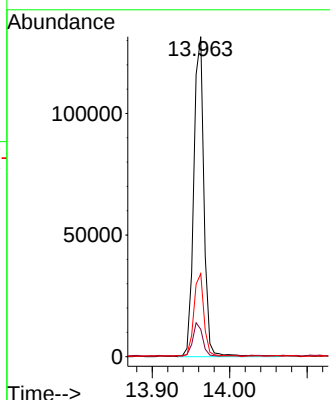
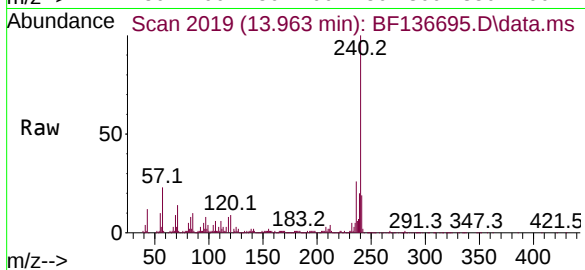
Tgt Ion:240 Resp: 120527

Ion Ratio Lower Upper

240 100

120 8.5 10.3 15.5#

236 26.0 19.4 29.2



#79

Terphenyl-d14

Concen: 38.631 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

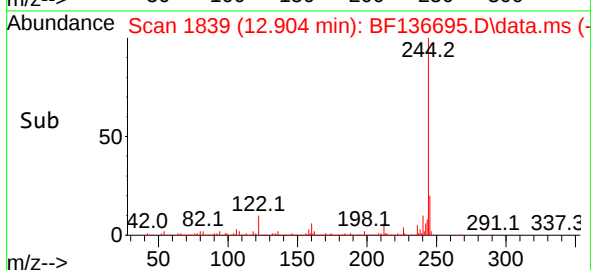
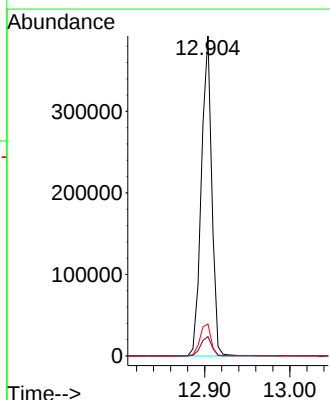
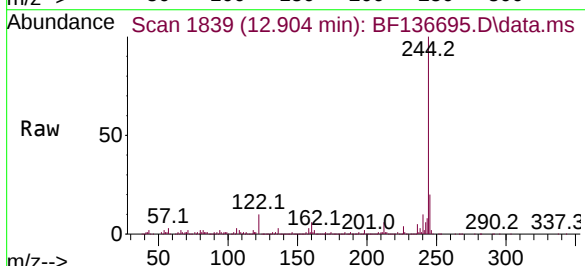
Tgt Ion:244 Resp: 333178

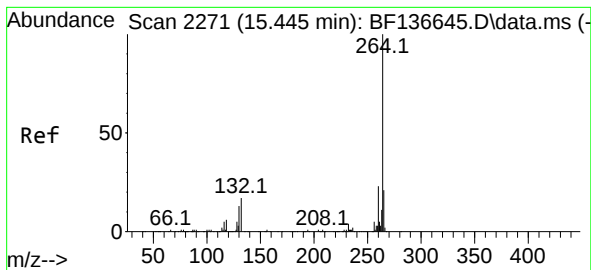
Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.0 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

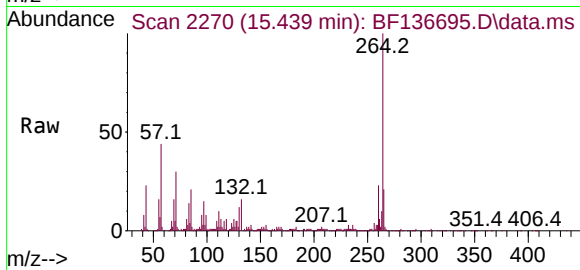
Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:264 Resp: 136337

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.4 17.0 25.6

