

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122623\  
 Data File : BF136714.D  
 Acq On : 26 Dec 2023 12:18  
 Operator : CG\JU  
 Sample : PB157895BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157895BL

Quant Time: Dec 26 12:41:19 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   | 6.787  | 152  | 88234    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 343600   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.816  | 164  | 175318   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.310 | 188  | 326365   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.963 | 240  | 190565   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.445 | 264  | 174586   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 806798   | 142.670 | ng    | 0.01     |
| 7) Phenol-d6                | 6.440  | 99   | 986889   | 134.683 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 639672   | 95.264  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 268897   | 130.232 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1215436  | 93.244  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.910 | 244  | 1246088  | 91.379  | ng    | 0.00     |

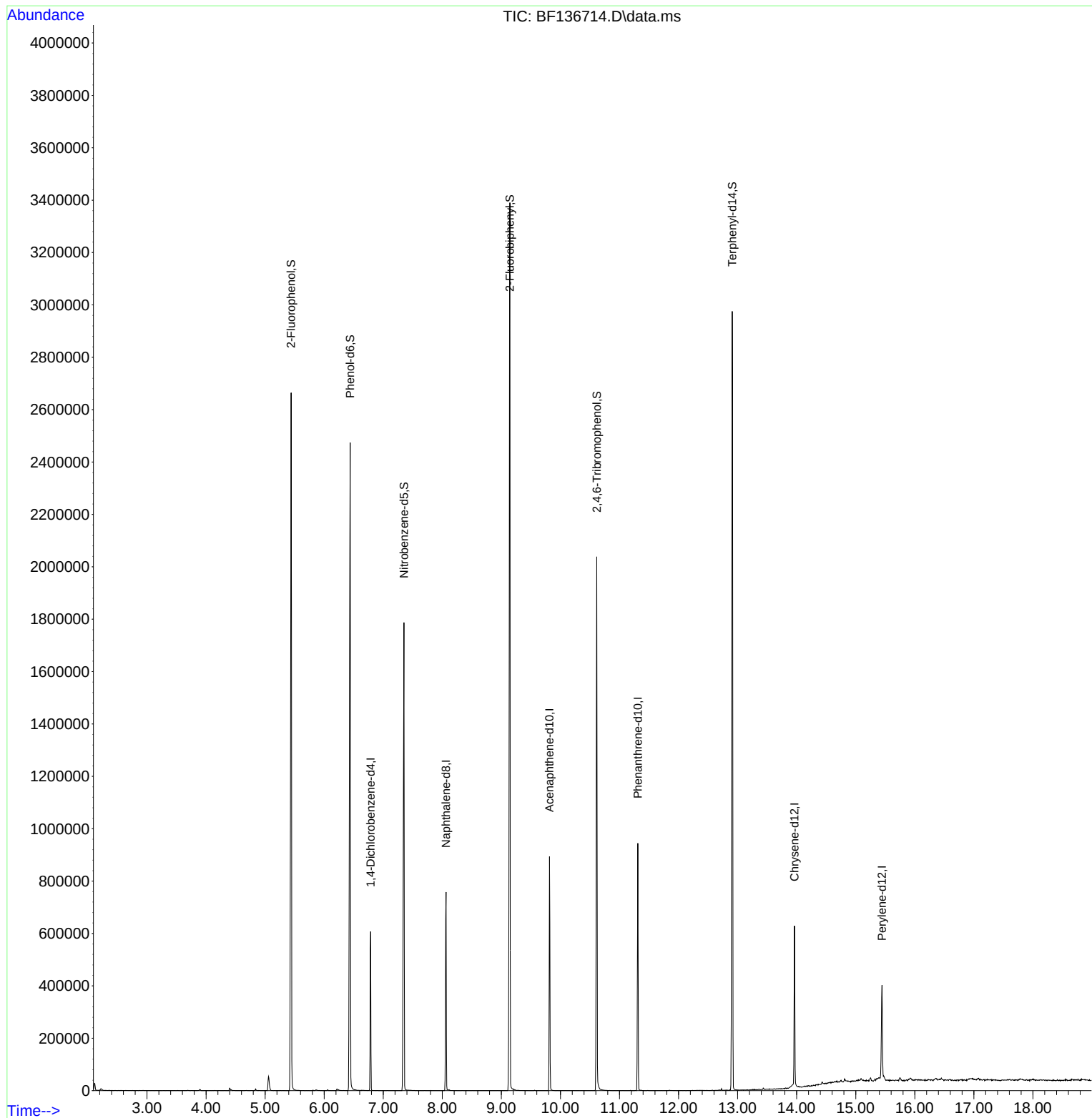
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

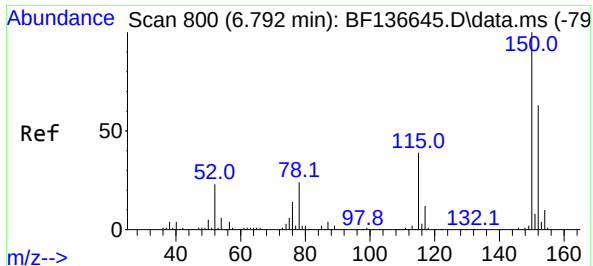
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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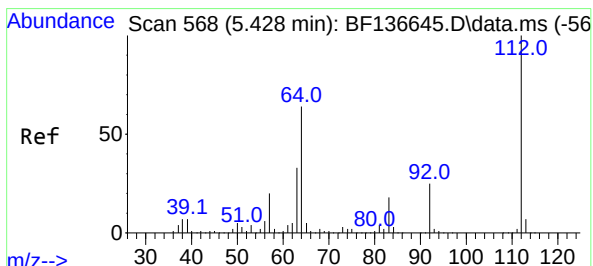
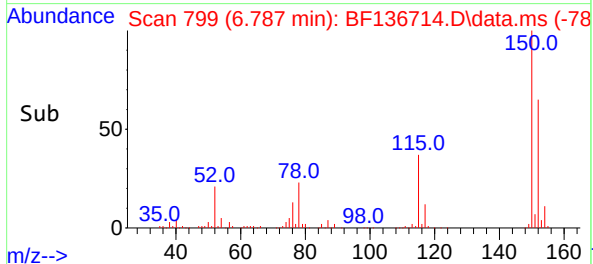
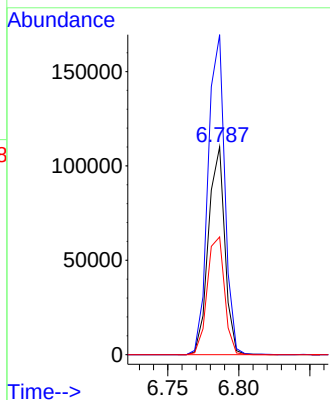
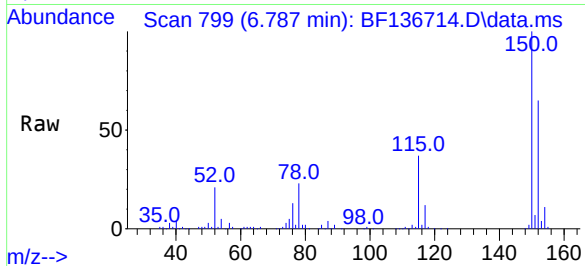




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.787 min Scan# 79  
Delta R.T. -0.005 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

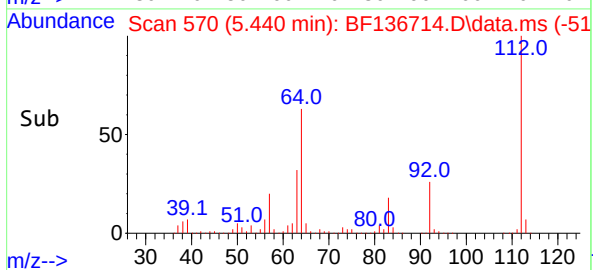
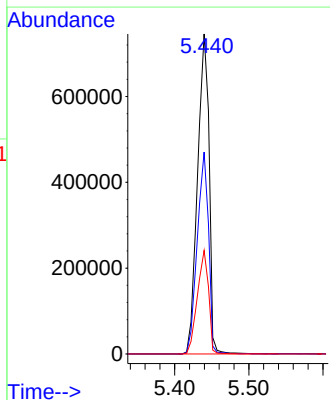
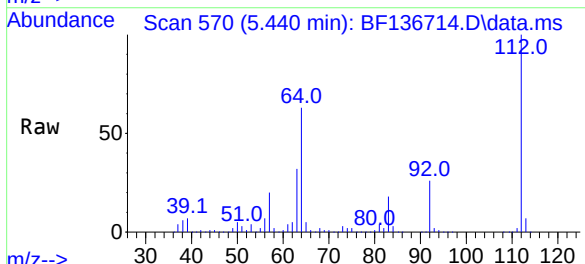
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BNA\_F  
ClientSampleId :  
PB157895BL

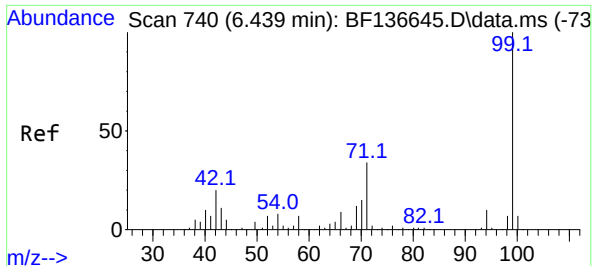
Tgt Ion:152 Resp: 88234  
Ion Ratio Lower Upper  
152 100  
150 153.9 127.0 190.6  
115 56.6 49.0 73.4



#5  
2-Fluorophenol  
Concen: 142.670 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.012 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:112 Resp: 806798  
Ion Ratio Lower Upper  
112 100  
64 63.1 51.1 76.7  
63 32.4 26.1 39.1

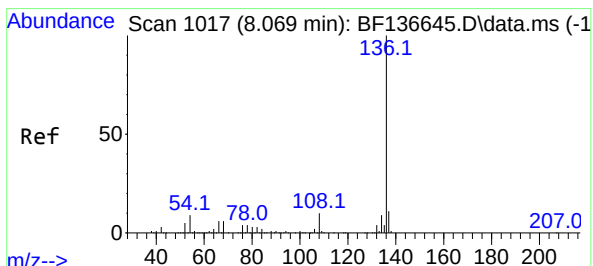
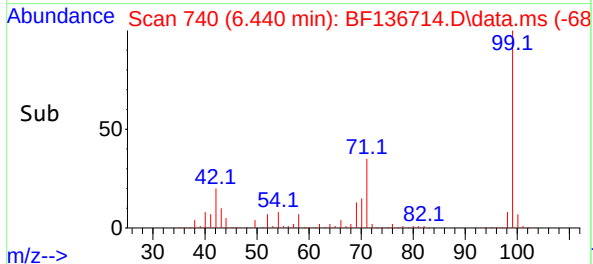
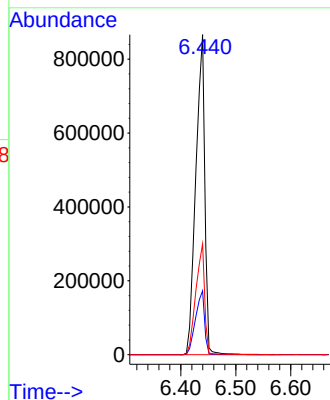
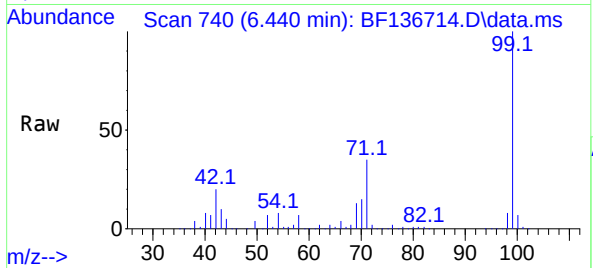




#7  
Phenol-d6  
Concen: 134.683 ng  
RT: 6.440 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

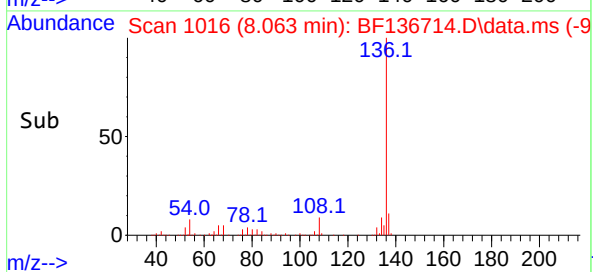
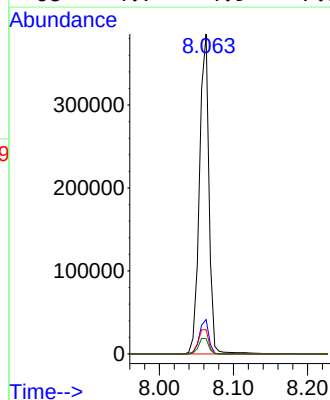
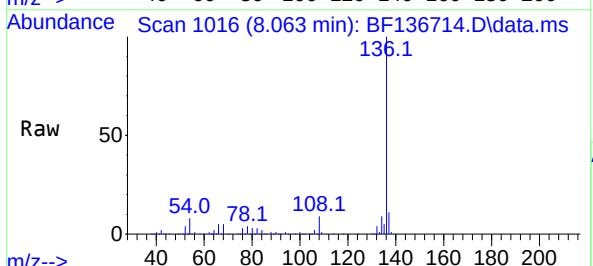
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

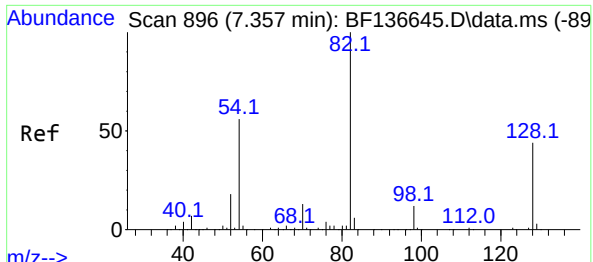
Tgt Ion: 99 Resp: 986889  
Ion Ratio Lower Upper  
99 100  
42 19.9 16.1 24.1  
71 34.6 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion: 136 Resp: 343600  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.0 13.4  
54 7.6 7.2 10.8  
68 4.7 4.9 7.3

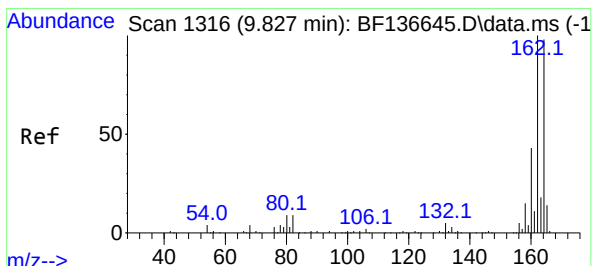
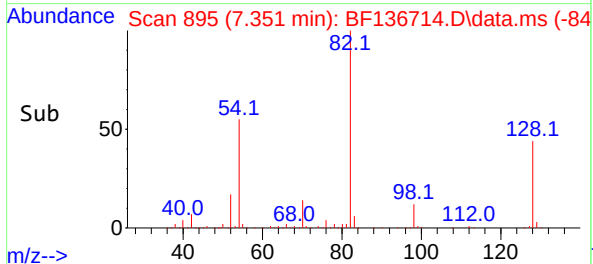
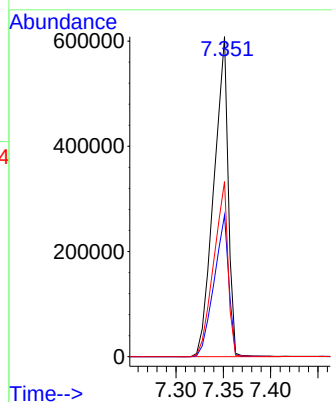
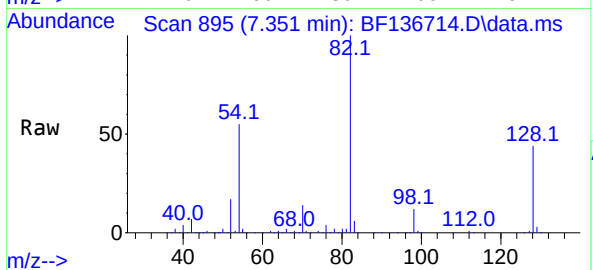




#23  
Nitrobenzene-d5  
Concen: 95.264 ng  
RT: 7.351 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

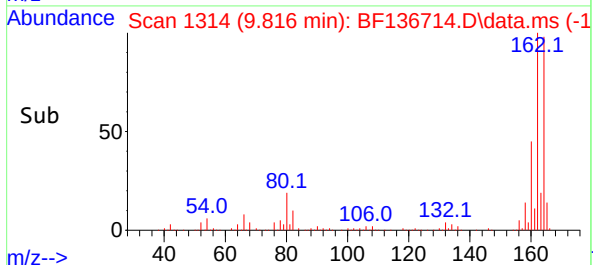
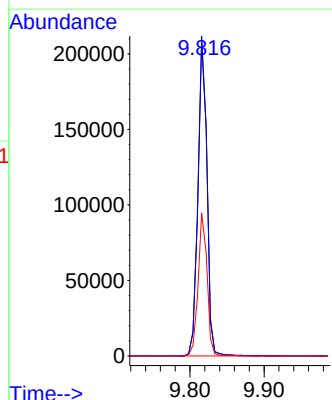
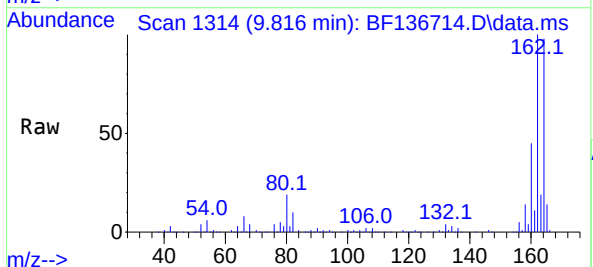
Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL

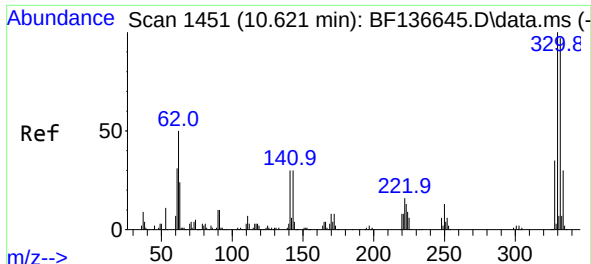
Tgt Ion: 82 Resp: 639672  
Ion Ratio Lower Upper  
82 100  
128 44.2 35.3 52.9  
54 54.7 44.5 66.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:164 Resp: 175318  
Ion Ratio Lower Upper  
164 100  
162 101.9 81.6 122.4  
160 45.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 130.232 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136714.D

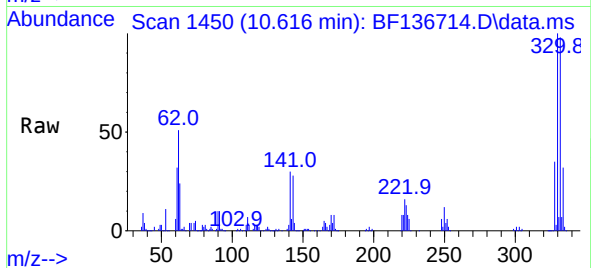
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Instrument :

BNA\_F

ClientSampleId :

PB157895BL



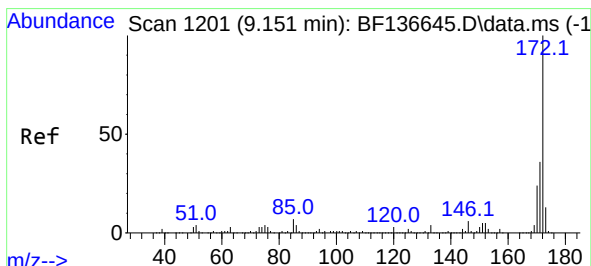
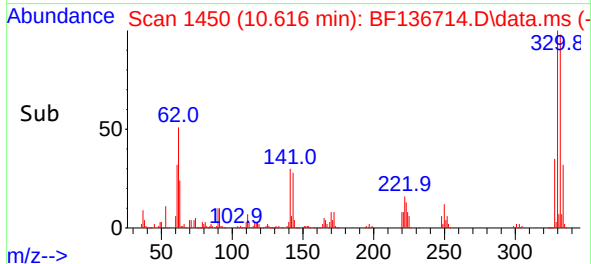
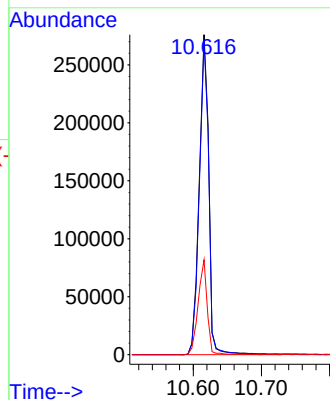
Tgt Ion:330 Resp: 268897

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.244 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136714.D

Acq: 26 Dec 2023 12:18

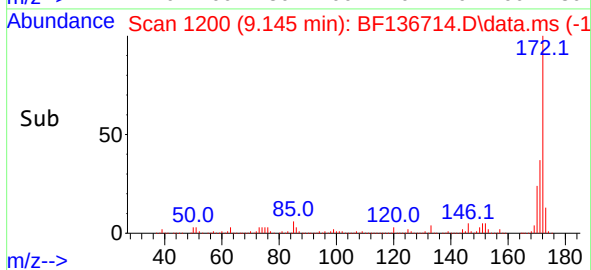
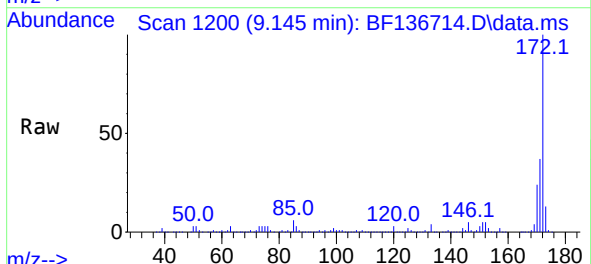
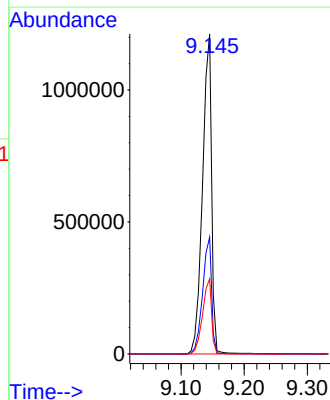
Tgt Ion:172 Resp: 1215436

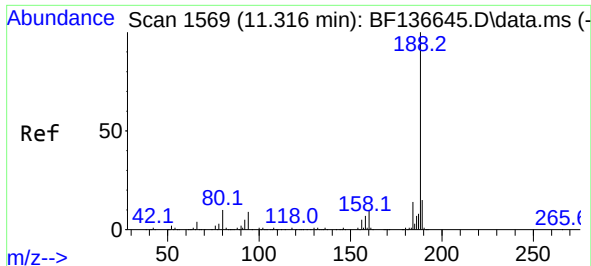
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.5 19.0 28.4

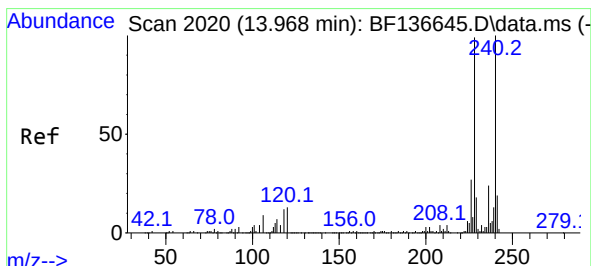
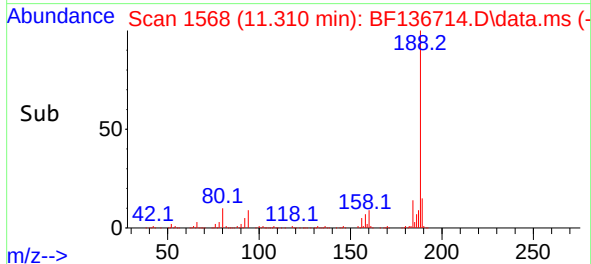
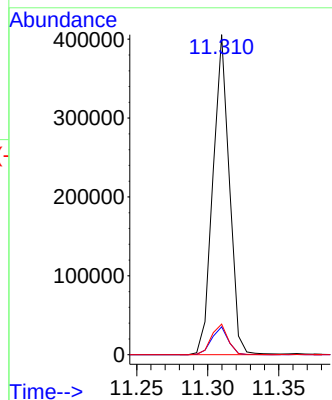
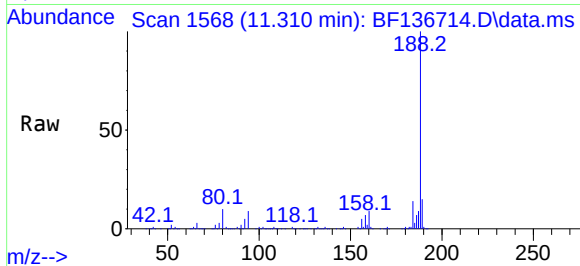




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

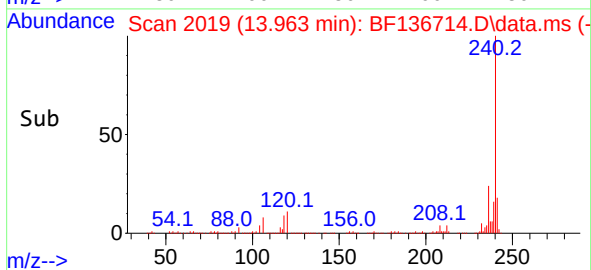
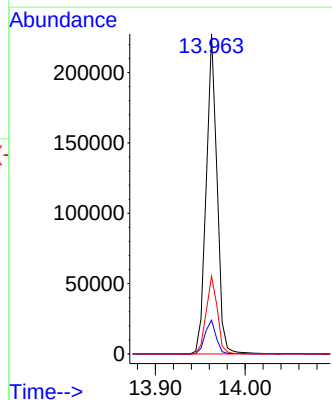
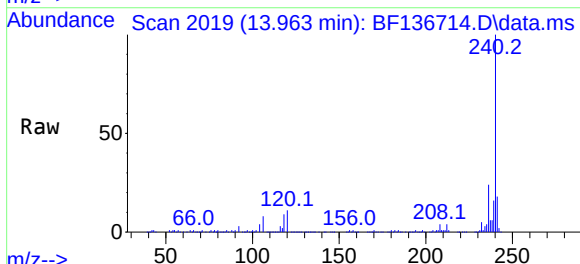
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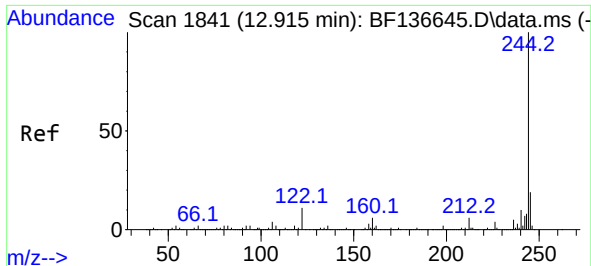
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Ion Ratio Lower Upper  
188 100  
94 8.7 7.5 11.3  
80 9.6 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

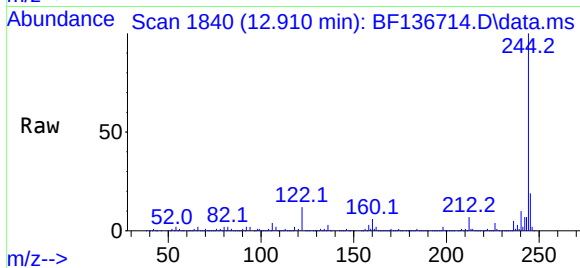
Tgt Ion:240 Resp: 190565  
Ion Ratio Lower Upper  
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236 24.3 19.4 29.2



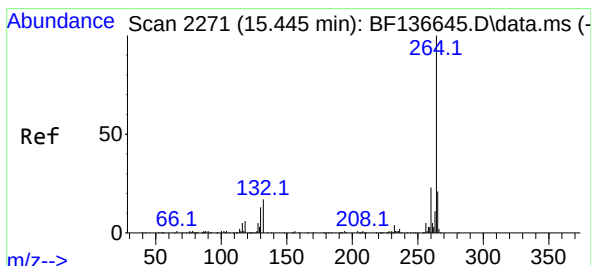
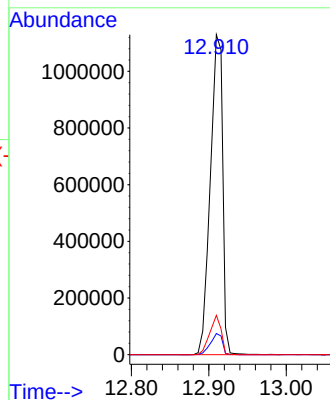
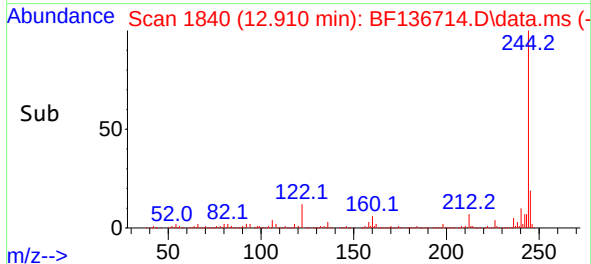


#79  
Terphenyl-d14  
Concen: 91.379 ng  
RT: 12.910 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: BF136714.D  
Acq: 26 Dec 2023 12:18

Instrument :  
BNA\_F  
ClientSampleId :  
PB157895BL



Tgt Ion:244 Resp: 1246088  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.0 7.4  
122 12.3 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: BF136714.D  
Acq: 26 Dec 2023 12:18

Tgt Ion:264 Resp: 174586  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.3 27.5  
265 20.2 17.0 25.6

