

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082522\  
 Data File : BF130004.D  
 Acq On : 25 Aug 2022 17:44  
 Operator : CG\JU  
 Sample : N4283-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 337

Quant Time: Aug 26 01:00:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 14:45:09 2022  
 Response via : Initial Calibration

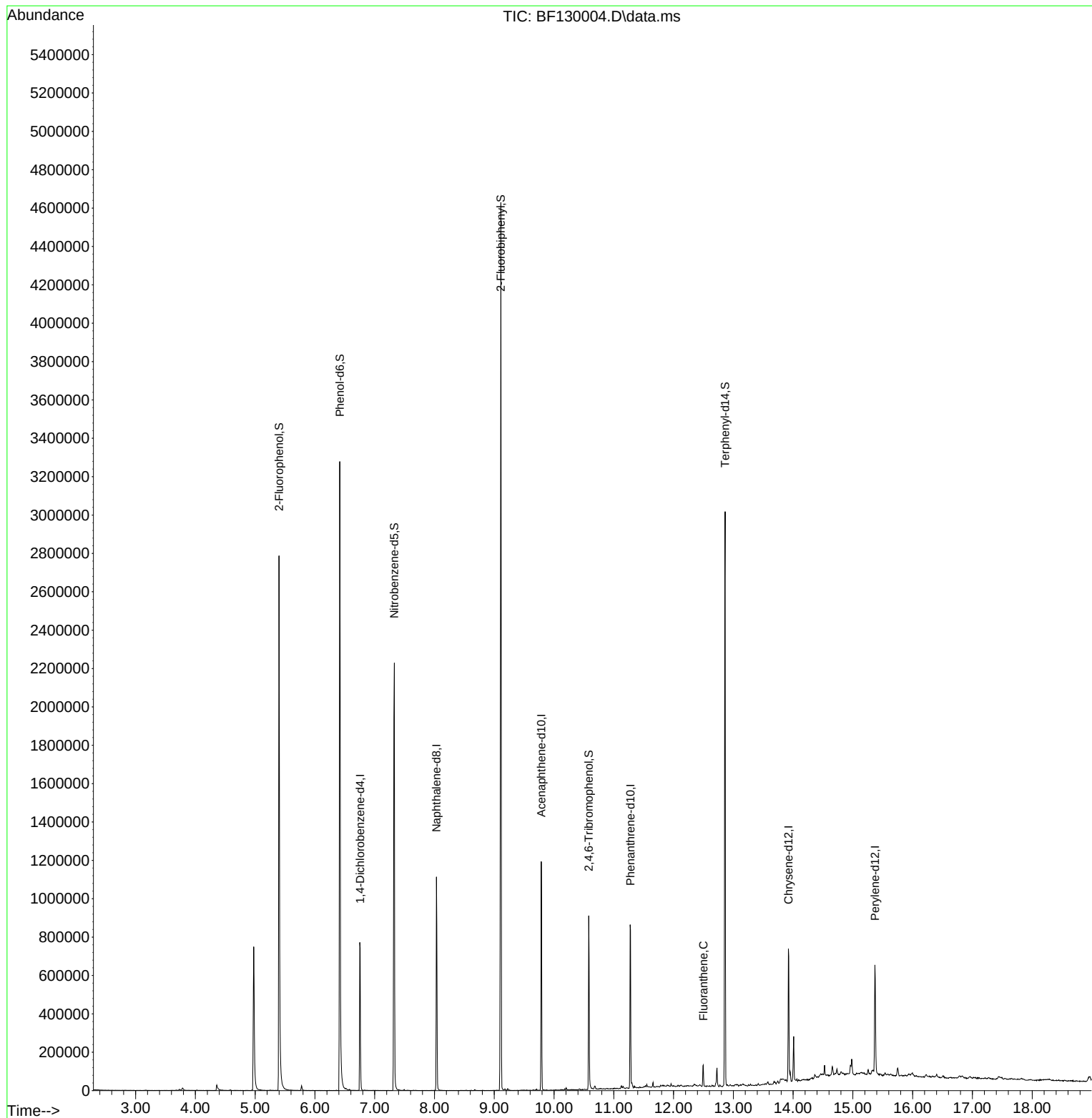
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|---------|-------|--------------|
| -----                       |        |      |          |         |       |              |
| Internal Standards          |        |      |          |         |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 6.757  | 152  | 117892   | 20.000  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.033  | 136  | 457819   | 20.000  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.786  | 164  | 224695   | 20.000  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.280 | 188  | 311609   | 20.000  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.921 | 240  | 237387   | 20.000  | ng    | 0.00         |
| 86) Perylene-d12            | 15.368 | 264  | 248111   | 20.000  | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |         |       |              |
| 5) 2-Fluorophenol           | 5.398  | 112  | 769443   | 108.062 | ng    | 0.00         |
| 7) Phenol-d6                | 6.416  | 99   | 1076950  | 120.779 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.328  | 82   | 722445   | 84.474  | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.580 | 330  | 96545    | 42.811  | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.110  | 172  | 1263640  | 85.415  | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.862 | 244  | 958266   | 67.169  | ng    | 0.00         |
| Target Compounds            |        |      |          |         |       |              |
| 75) Fluoranthene            | 12.498 | 202  | 44758    | 2.513   | ng    | Qvalue<br>98 |
| -----                       |        |      |          |         |       |              |

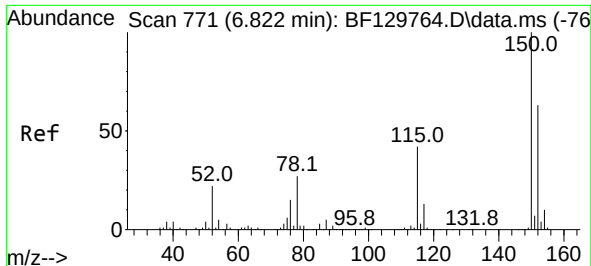
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
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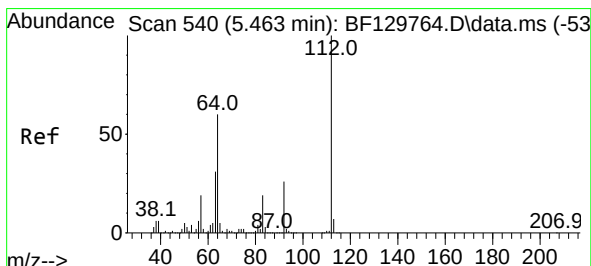
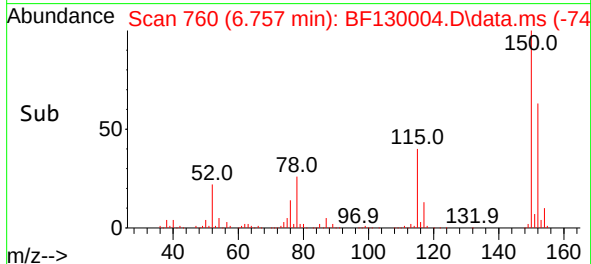
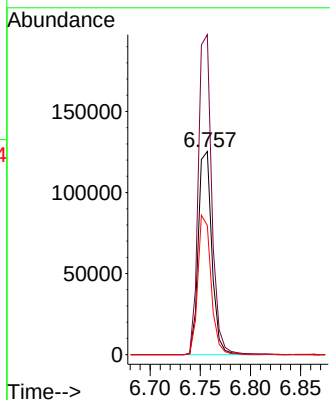
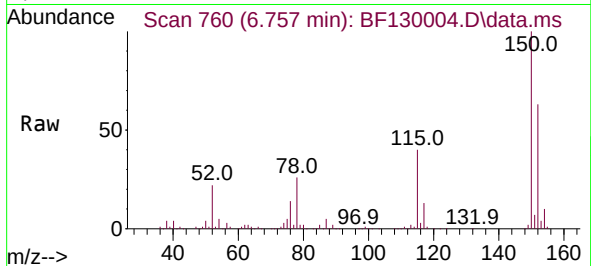




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.757 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

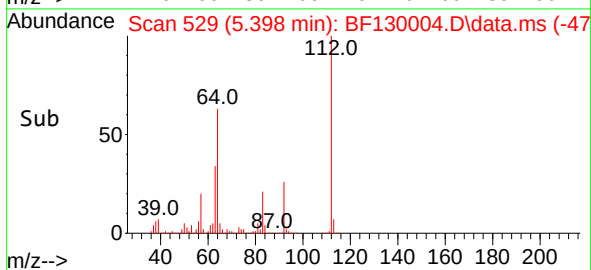
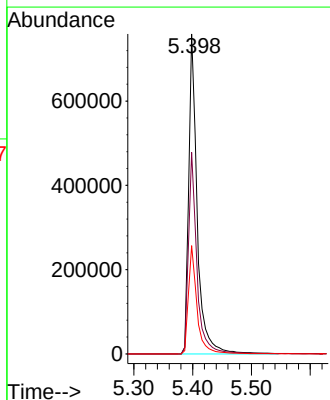
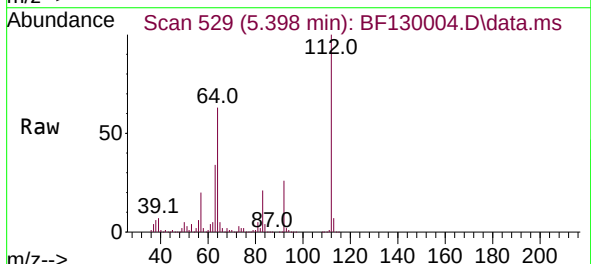
Instrument :  
BNA\_F  
ClientSampleId :  
337

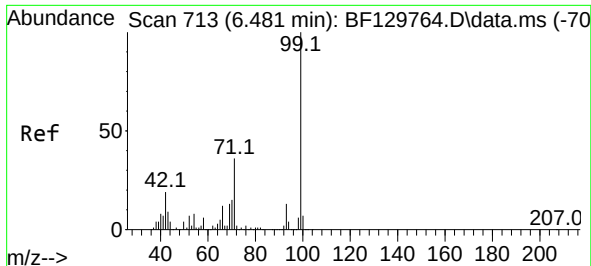
Tgt Ion:152 Resp: 117892  
Ion Ratio Lower Upper  
152 100  
150 157.5 126.9 190.3  
115 63.5 53.4 80.0



#5  
2-Fluorophenol  
Concen: 108.062 ng  
RT: 5.398 min Scan# 529  
Delta R.T. 0.006 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

Tgt Ion:112 Resp: 769443  
Ion Ratio Lower Upper  
112 100  
64 63.0 47.6 71.4  
63 33.9 24.6 37.0

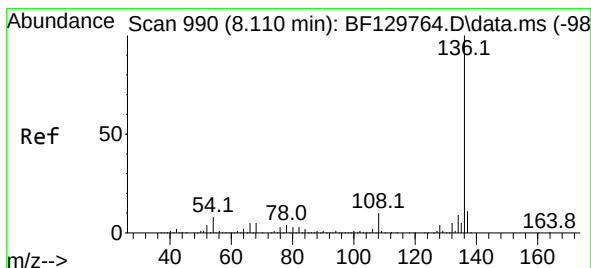
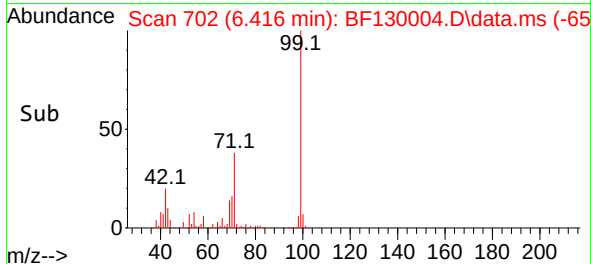
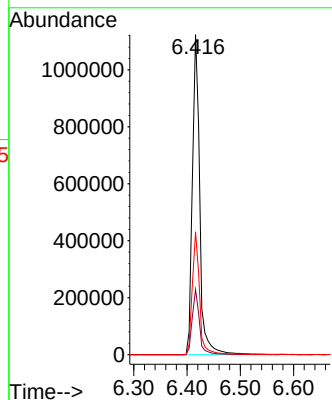
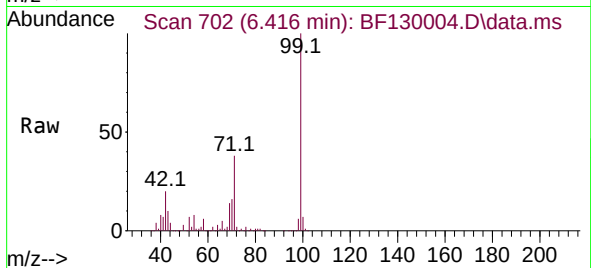




#7  
Phenol-d6  
Concen: 120.779 ng  
RT: 6.416 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

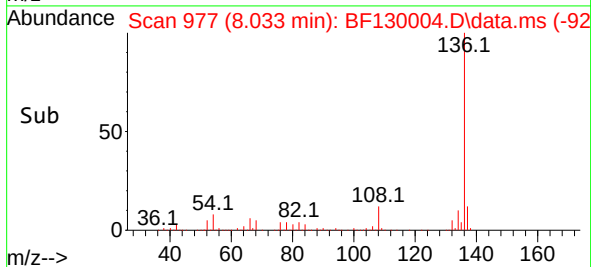
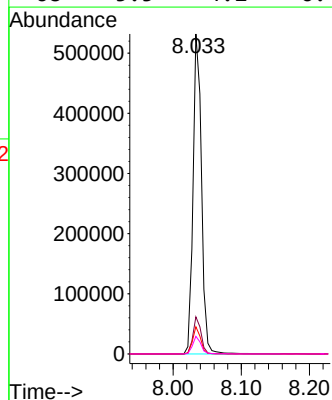
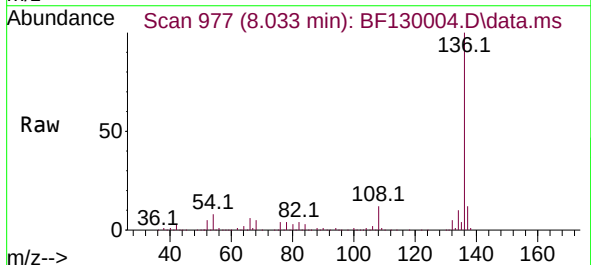
Instrument :  
BNA\_F  
ClientSampleId :  
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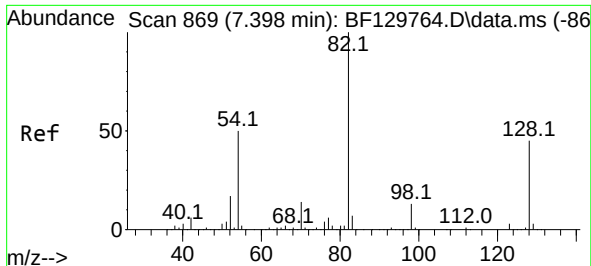
Tgt Ion: 99 Resp: 1076950  
Ion Ratio Lower Upper  
99 100  
42 20.3 15.0 22.4  
71 38.4 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.033 min Scan# 977  
Delta R.T. -0.006 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

Tgt Ion: 136 Resp: 457819  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.4 12.6  
54 8.5 6.2 9.2  
68 5.5 4.2 6.4

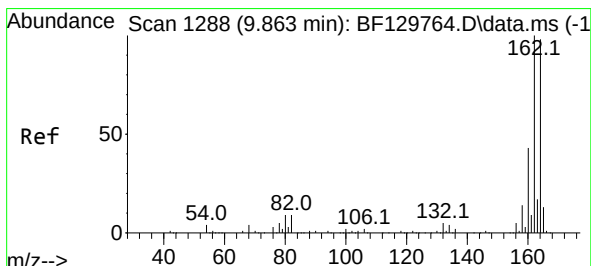
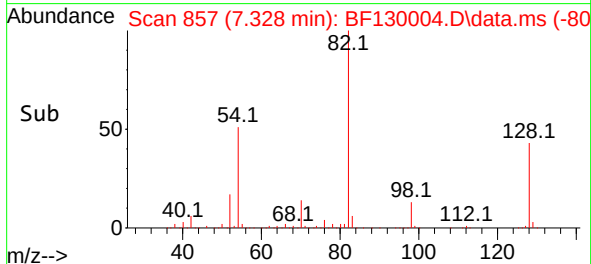
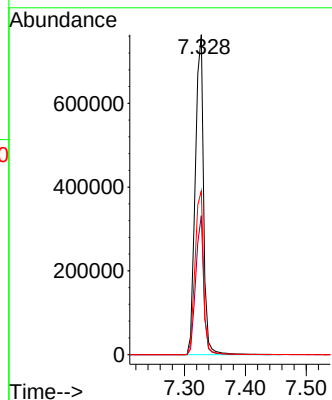
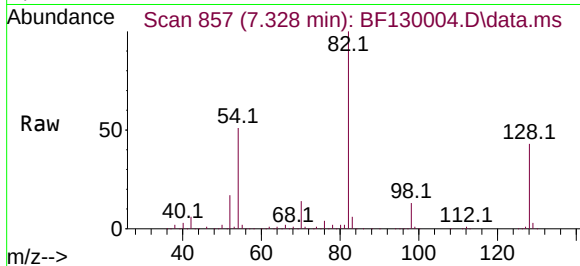




#23  
Nitrobenzene-d5  
Concen: 84.474 ng  
RT: 7.328 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

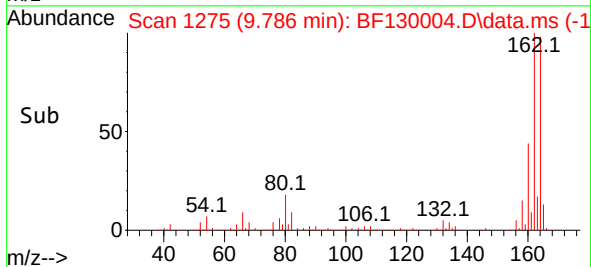
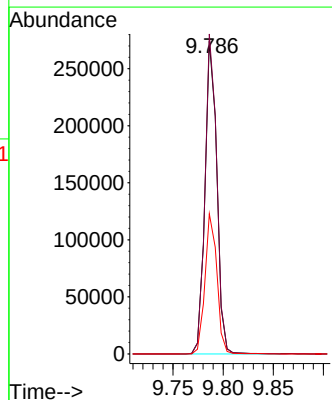
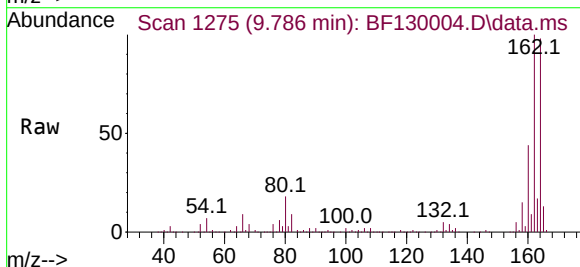
Instrument :  
BNA\_F  
ClientSampleId :  
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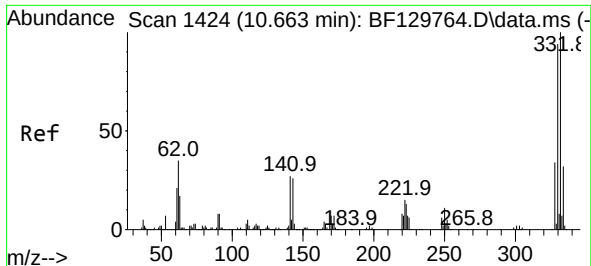
Tgt Ion: 82 Resp: 722445  
Ion Ratio Lower Upper  
82 100  
128 43.4 36.1 54.1  
54 51.2 40.0 60.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.786 min Scan# 1275  
Delta R.T. -0.006 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

Tgt Ion:164 Resp: 224695  
Ion Ratio Lower Upper  
164 100  
162 102.3 82.0 123.0  
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 42.811 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

Instrument :

BNA\_F

ClientSampleId :

337

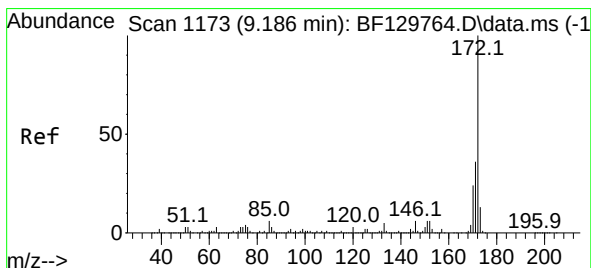
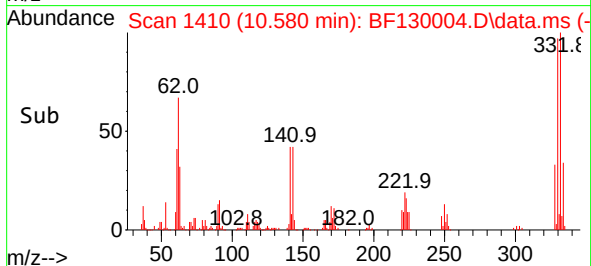
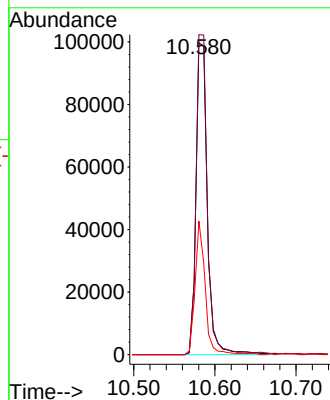
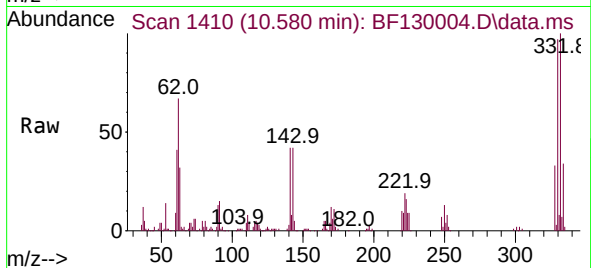
Tgt Ion:330 Resp: 96545

Ion Ratio Lower Upper

330 100

332 102.6 82.6 124.0

141 37.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.415 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

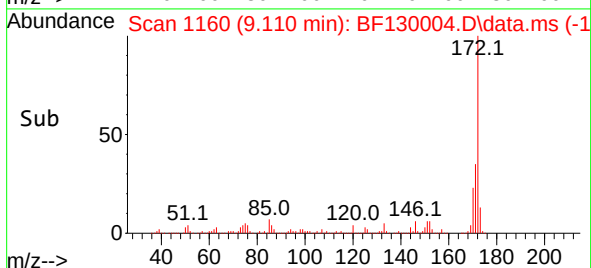
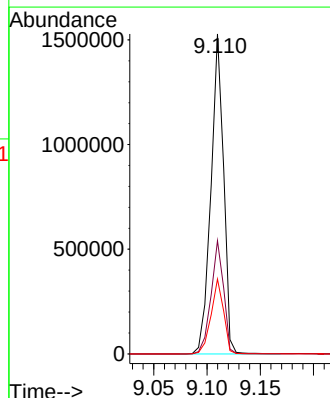
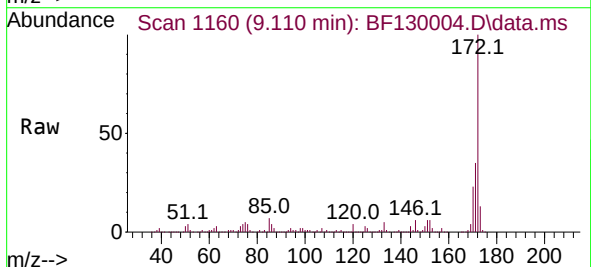
Tgt Ion:172 Resp: 1263640

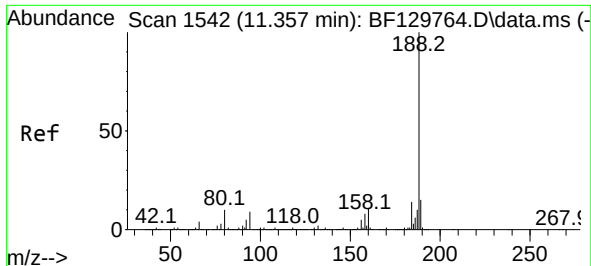
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.1 28.7

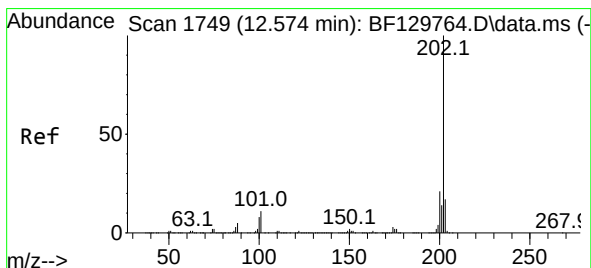
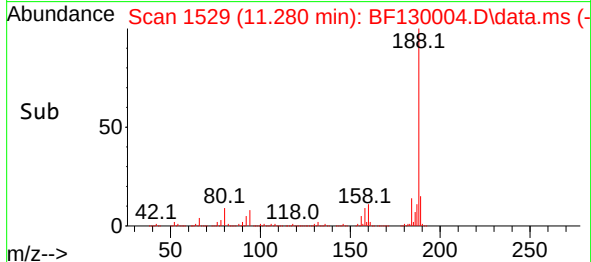
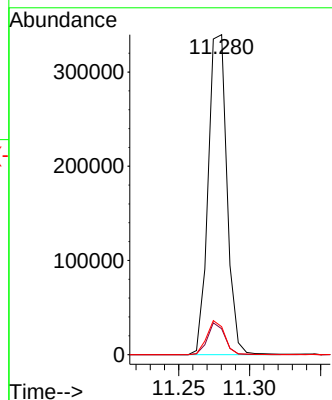
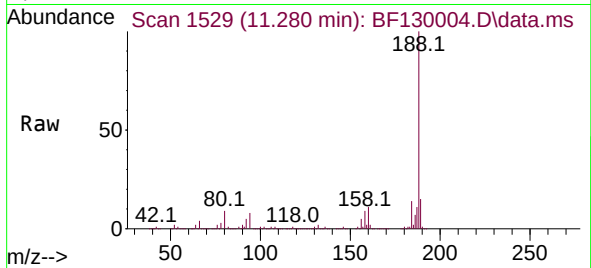




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.280 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

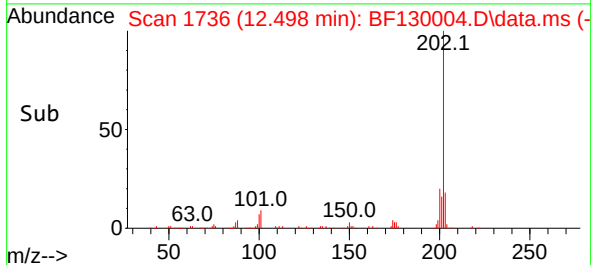
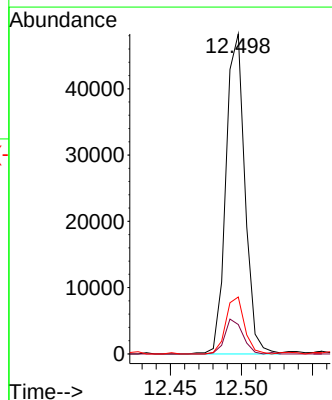
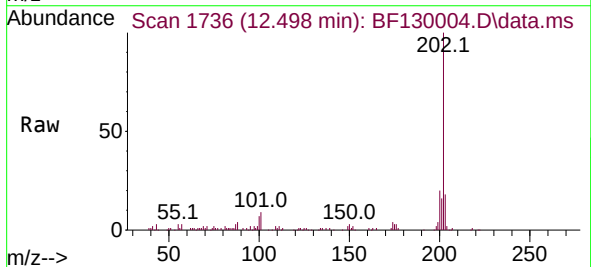
Instrument :  
BNA\_F  
ClientSampleId :  
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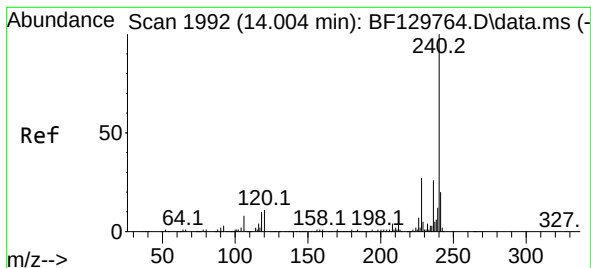
Tgt Ion:188 Resp: 311609  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.4 11.2  
80 8.7 7.9 11.9



#75  
Fluoranthene  
Concen: 2.513 ng  
RT: 12.498 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: BF130004.D  
Acq: 25 Aug 2022 17:44

Tgt Ion:202 Resp: 44758  
Ion Ratio Lower Upper  
202 100  
101 9.2 0.0 30.7  
203 17.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

Instrument :

BNA\_F

ClientSampleId :

337

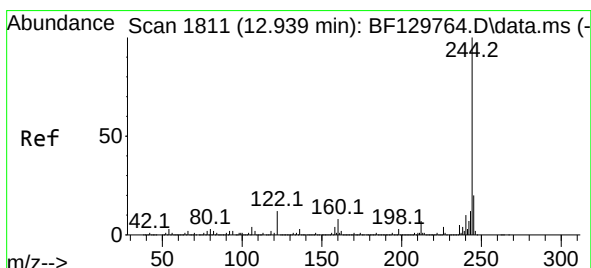
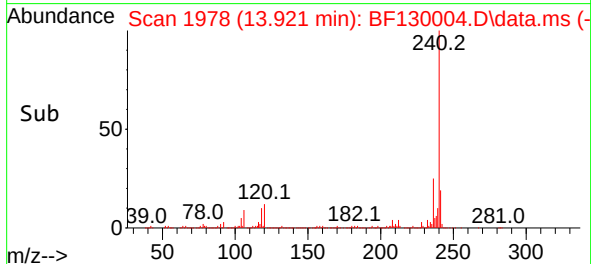
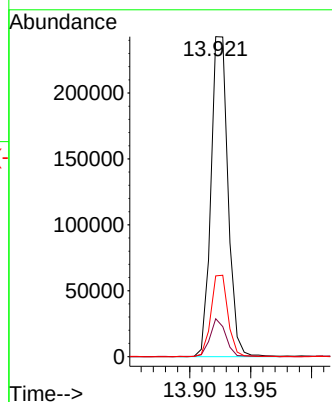
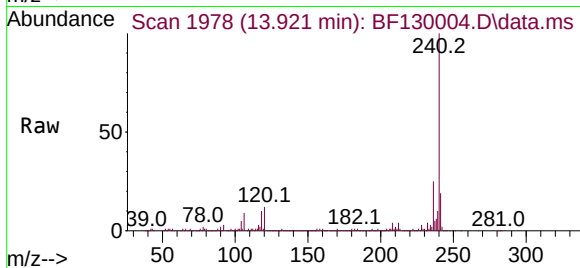
Tgt Ion:240 Resp: 237387

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.2 20.7 31.1



#79

Terphenyl-d14

Concen: 67.169 ng

RT: 12.862 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF130004.D

Acq: 25 Aug 2022 17:44

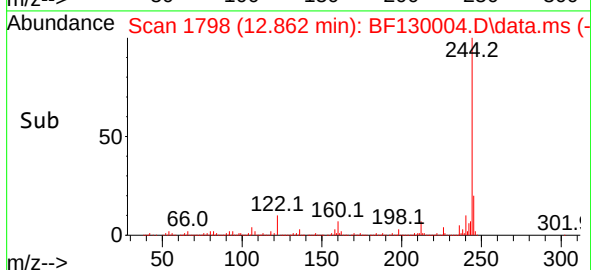
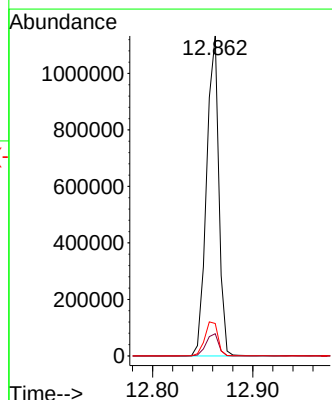
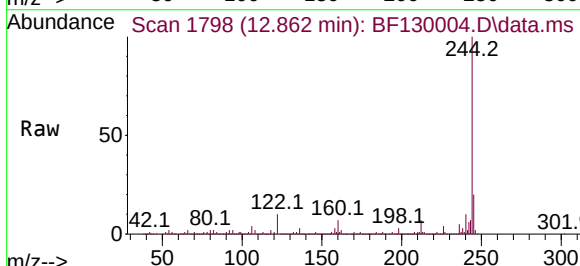
Tgt Ion:244 Resp: 958266

Ion Ratio Lower Upper

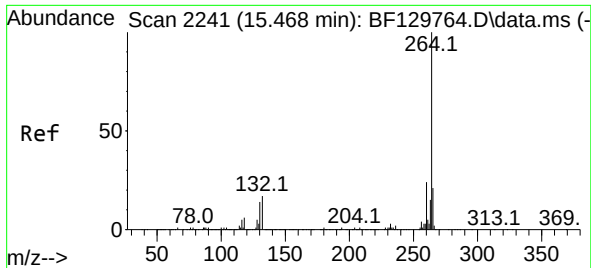
244 100

212 6.9 5.9 8.9

122 10.1 9.9 14.9

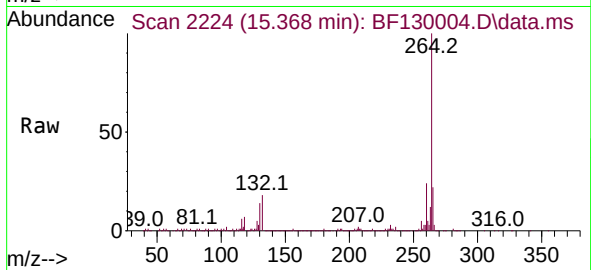






#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.368 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BF130004.D  
 Acq: 25 Aug 2022 17:44

Instrument :  
 BNA\_F  
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Tgt Ion:264 Resp: 248111  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.1 28.7  
 265 22.0 16.7 25.1

