

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060622\  
 Data File : BF128693.D  
 Acq On : 06 Jun 2022 13:09  
 Operator : CG\JU  
 Sample : PB145300BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145300BL

Quant Time: Jun 07 02:41:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 17:07:23 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.822  | 152  | 85596    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 299493   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.863  | 164  | 171636   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.351 | 188  | 328525   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.992 | 240  | 254487   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.457 | 264  | 222251   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 764140   | 142.197 | ng    | 0.01     |
| 7) Phenol-d6                | 6.498  | 99   | 948176   | 144.546 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.386  | 82   | 636924   | 99.015  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 298482   | 147.183 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 1217029  | 99.327  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.945 | 244  | 1460524  | 99.725  | ng    | 0.00     |

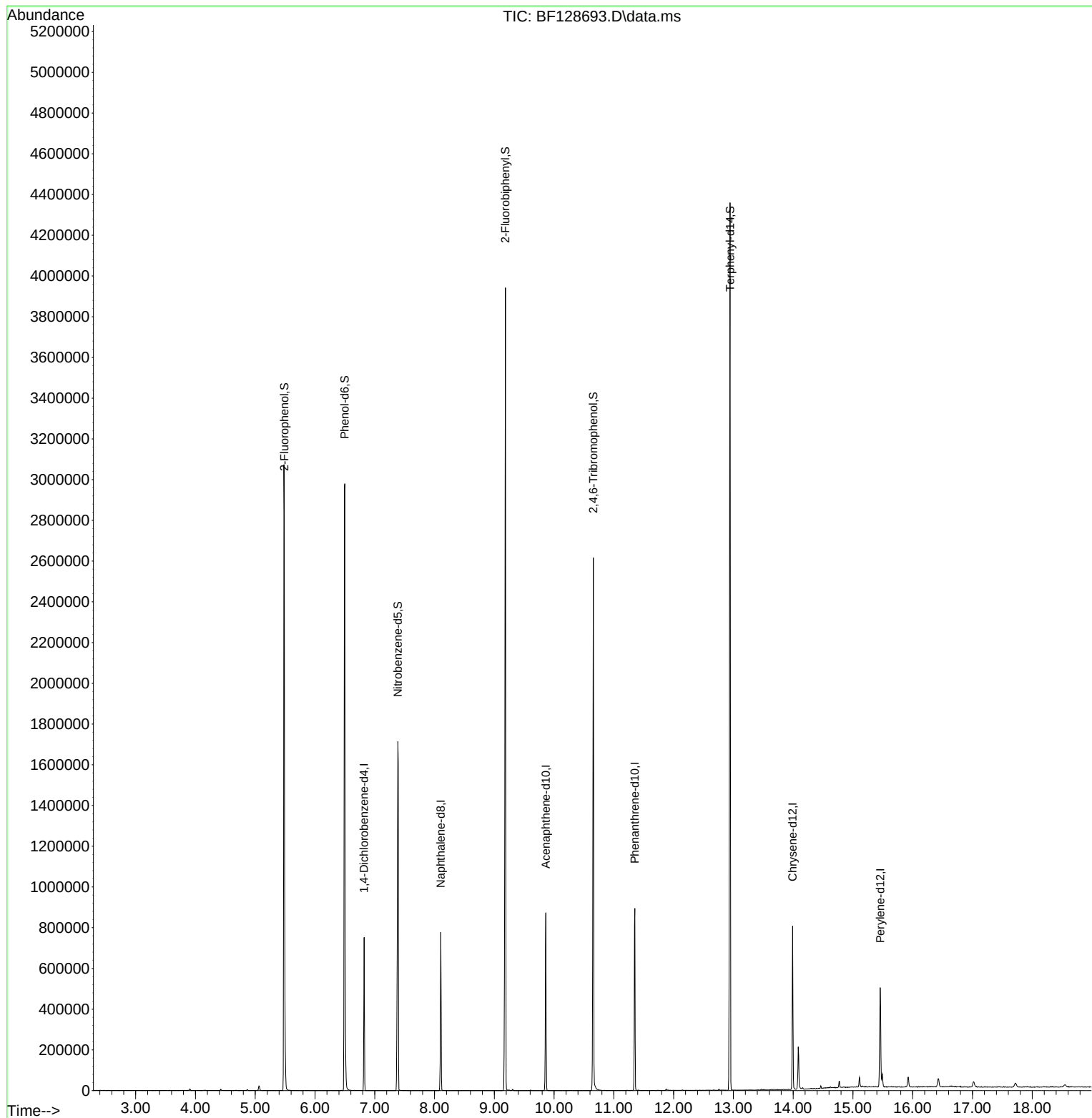
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

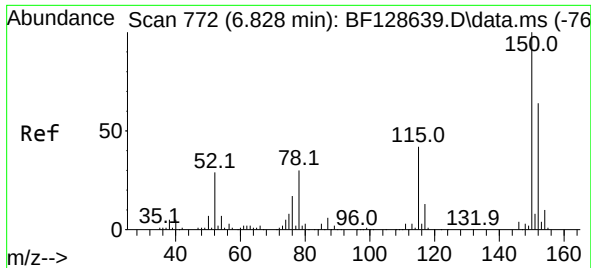
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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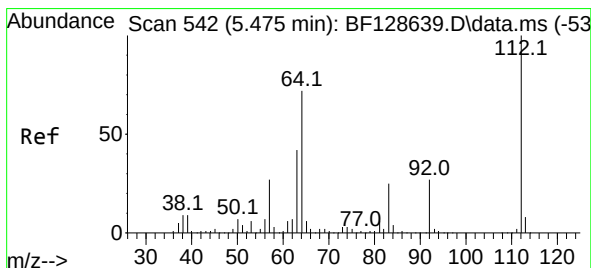
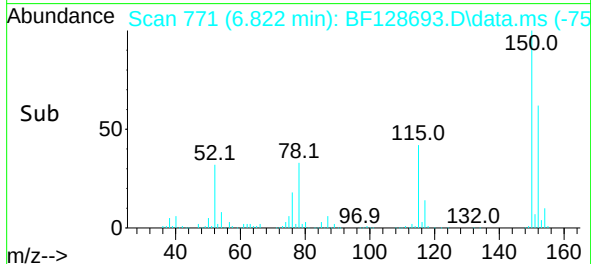
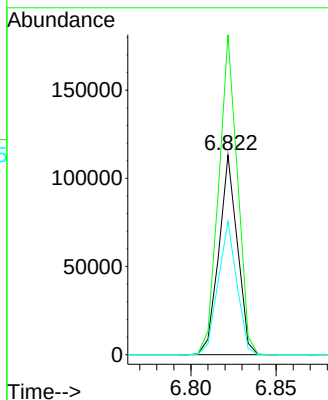
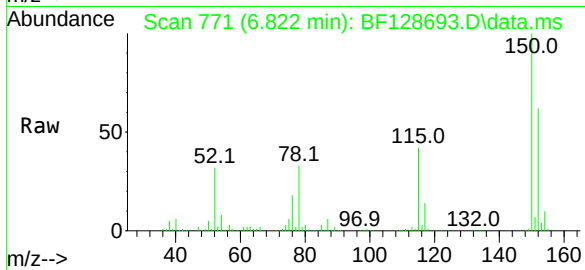




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF128693.D  
 Acq: 06 Jun 2022 13:09

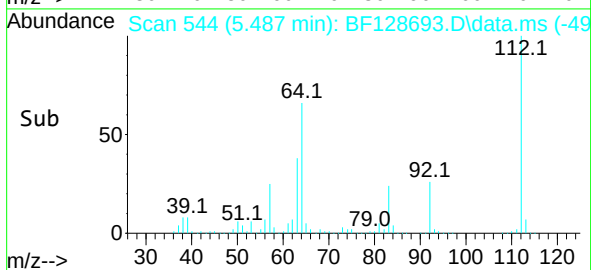
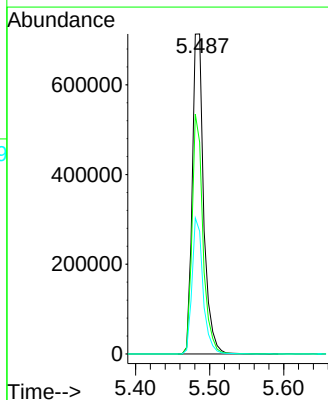
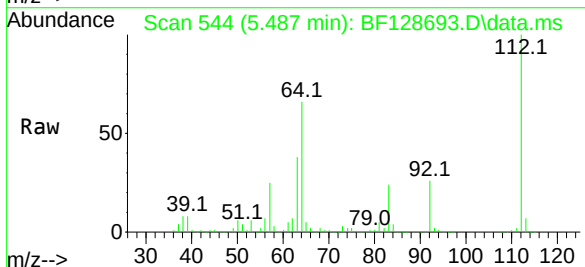
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145300BL

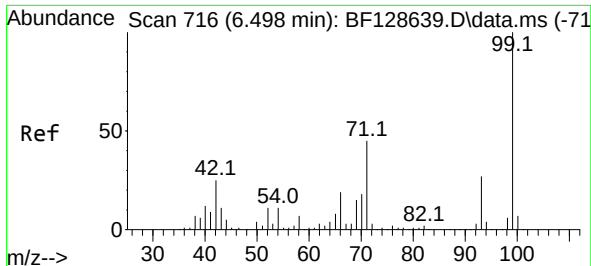
Tgt Ion:152 Resp: 85596  
 Ion Ratio Lower Upper  
 152 100  
 150 160.4 123.7 185.5  
 115 66.9 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 142.197 ng  
 RT: 5.487 min Scan# 544  
 Delta R.T. 0.012 min  
 Lab File: BF128693.D  
 Acq: 06 Jun 2022 13:09

Tgt Ion:112 Resp: 764140  
 Ion Ratio Lower Upper  
 112 100  
 64 66.2 53.3 79.9  
 63 38.4 28.0 42.0

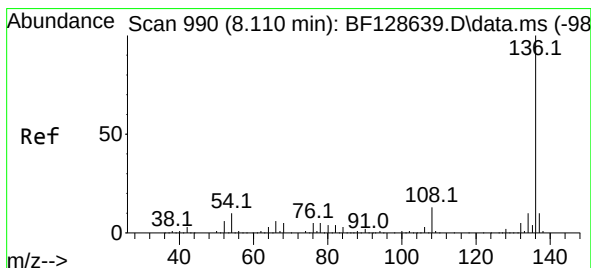
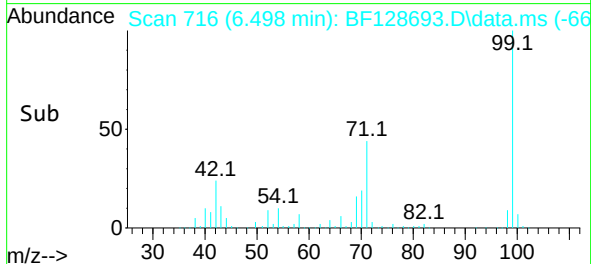
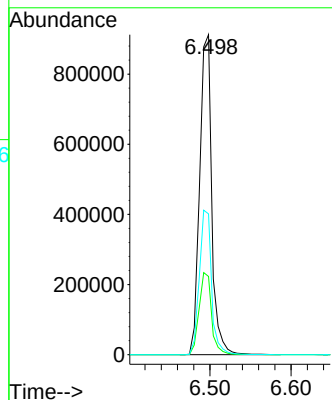
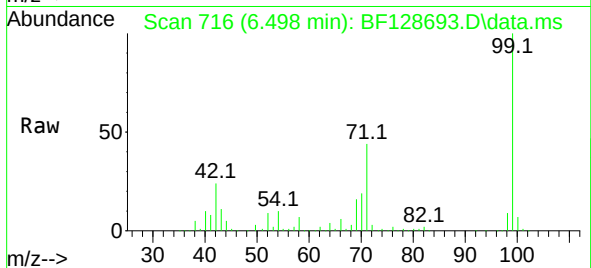




#7  
Phenol-d6  
Concen: 144.546 ng  
RT: 6.498 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BF128693.D  
Acq: 06 Jun 2022 13:09

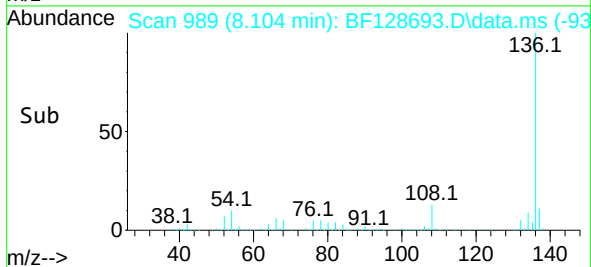
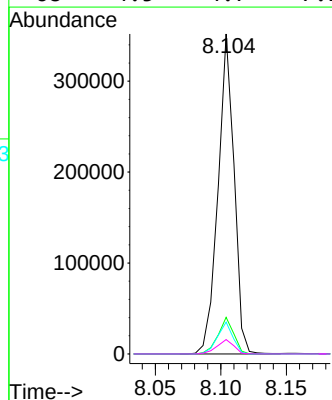
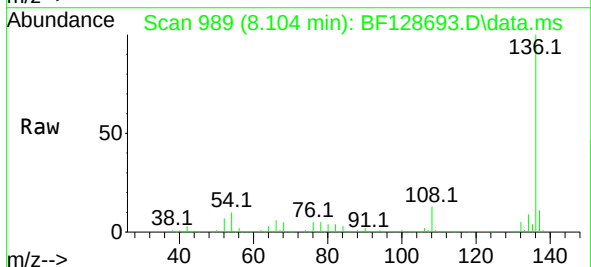
Instrument :  
BNA\_F  
ClientSampleId :  
PB145300BL

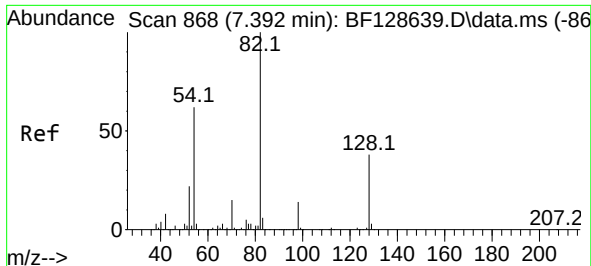
Tgt Ion: 99 Resp: 948176  
Ion Ratio Lower Upper  
99 100  
42 24.5 17.3 25.9  
71 44.0 28.9 43.3#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 989  
Delta R.T. -0.006 min  
Lab File: BF128693.D  
Acq: 06 Jun 2022 13:09

Tgt Ion: 136 Resp: 299493  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 10.0 7.5 11.3  
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 99.015 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB145300BL

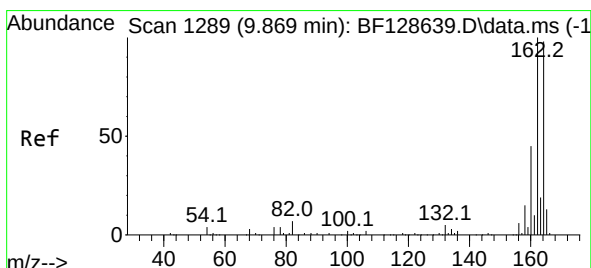
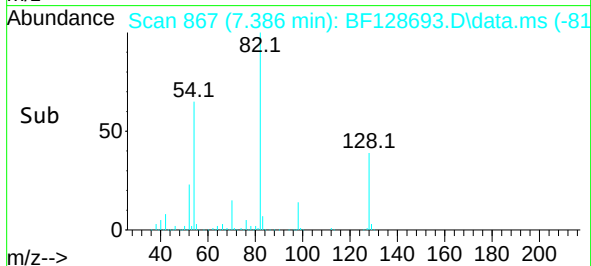
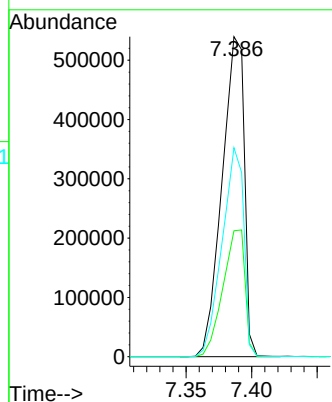
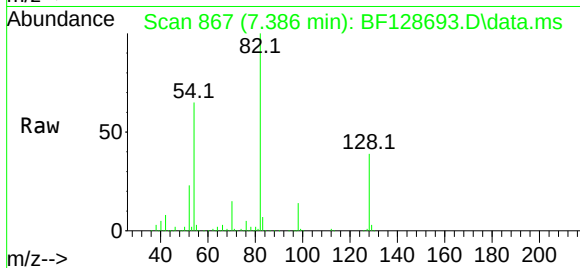
Tgt Ion: 82 Resp: 636924

Ion Ratio Lower Upper

82 100

128 39.4 34.0 51.0

54 65.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

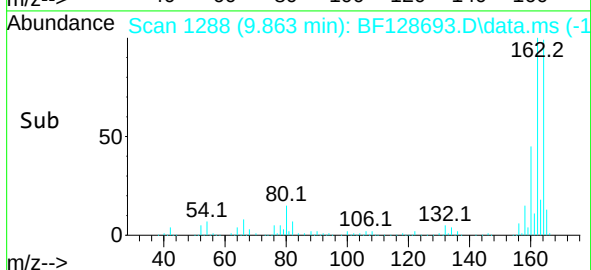
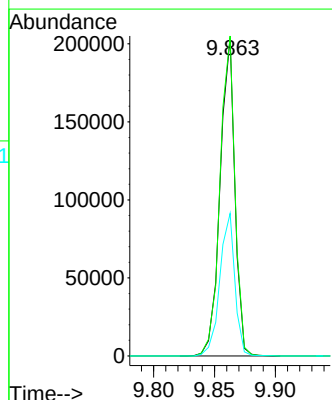
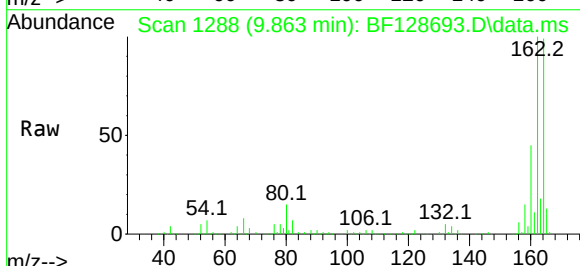
Tgt Ion:164 Resp: 171636

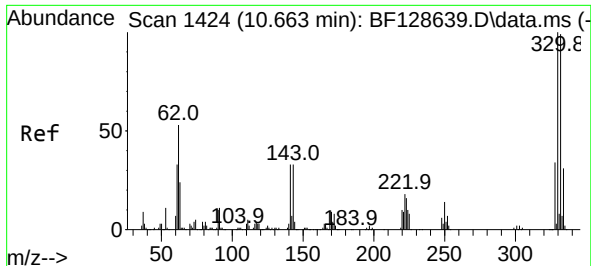
Ion Ratio Lower Upper

164 100

162 100.5 79.5 119.3

160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 147.183 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128693.D

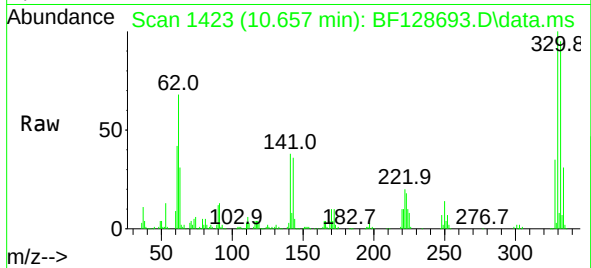
Acq: 06 Jun 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB145300BL



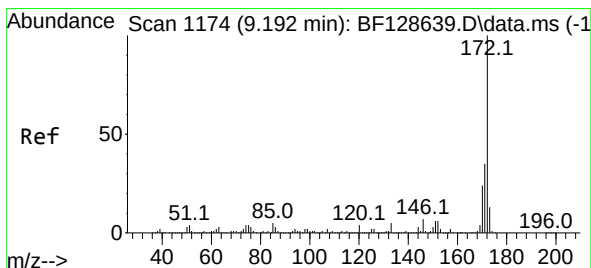
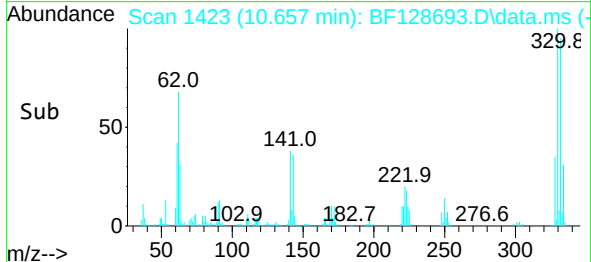
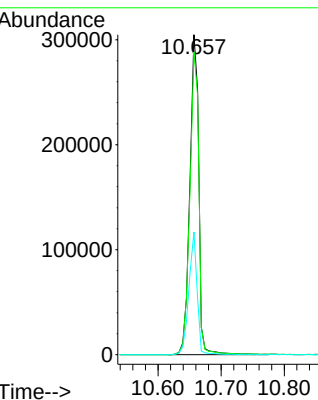
Tgt Ion:330 Resp: 298482

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 35.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 99.327 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

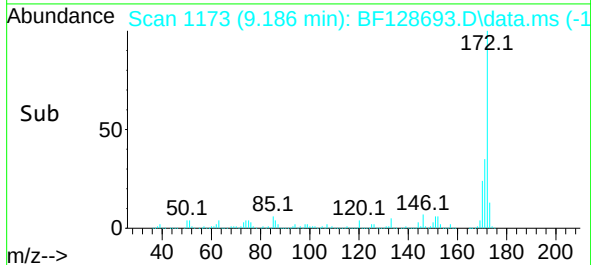
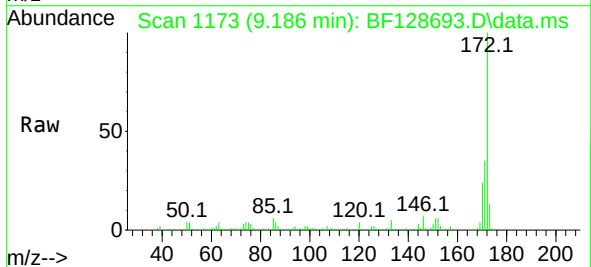
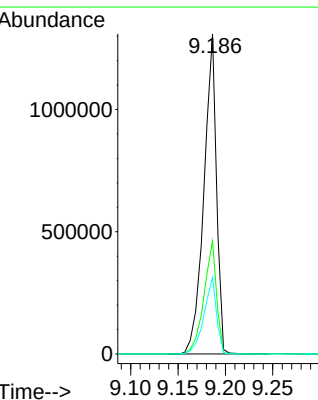
Tgt Ion:172 Resp: 1217029

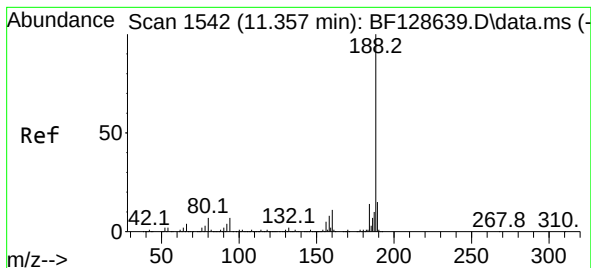
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.0 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

Instrument :

BNA\_F

ClientSampleId :

PB145300BL

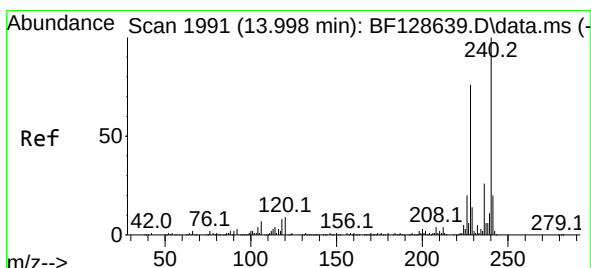
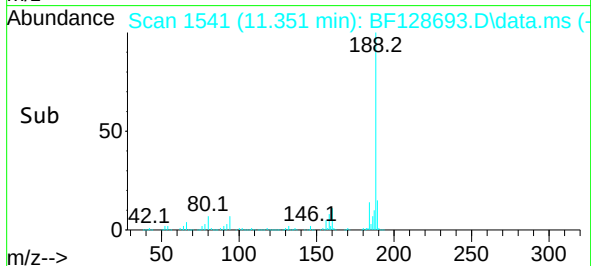
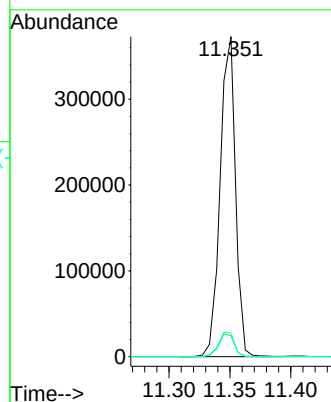
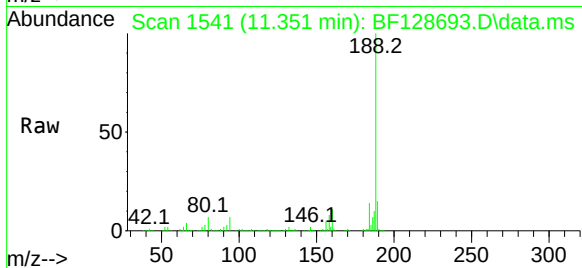
Tgt Ion:188 Resp: 328525

Ion Ratio Lower Upper

188 100

94 6.5 7.0 10.6#

80 7.3 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BF128693.D

Acq: 06 Jun 2022 13:09

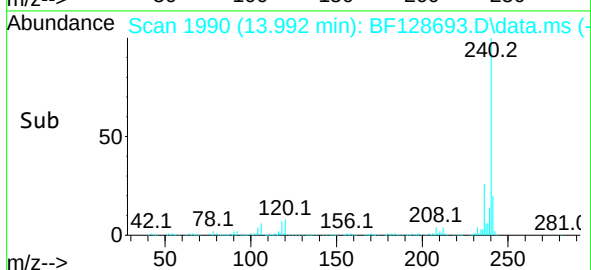
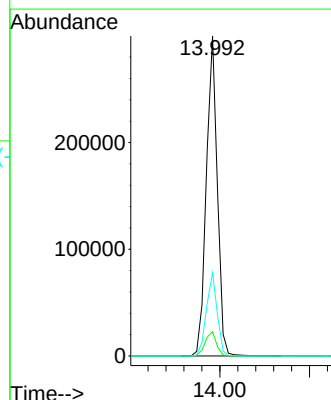
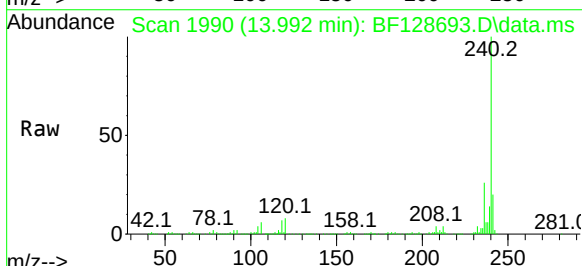
Tgt Ion:240 Resp: 254487

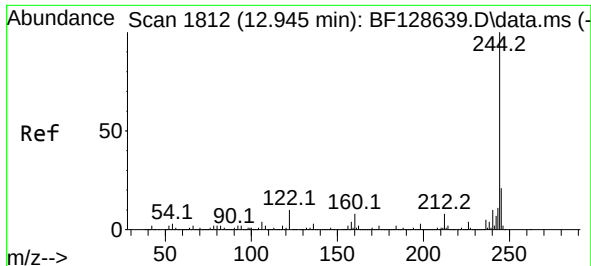
Ion Ratio Lower Upper

240 100

120 7.6 8.9 13.3#

236 26.1 20.8 31.2

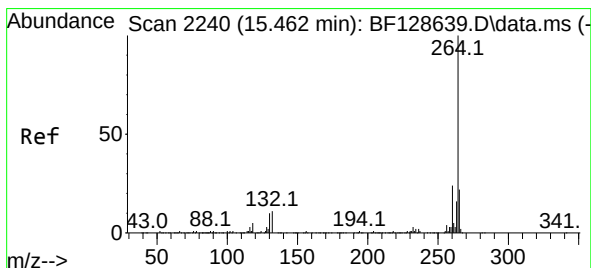
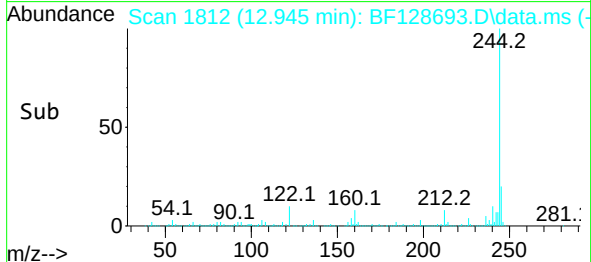
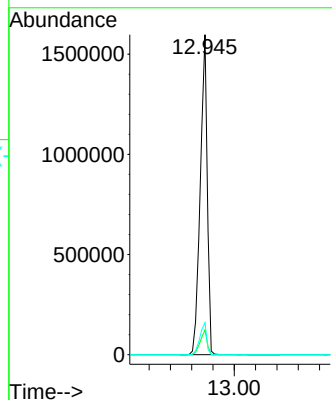
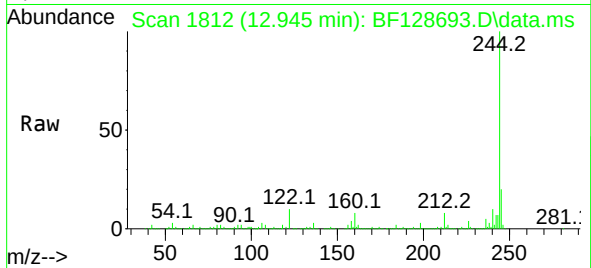




#79  
 Terphenyl-d14  
 Concen: 99.725 ng  
 RT: 12.945 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF128693.D  
 Acq: 06 Jun 2022 13:09

Instrument :  
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 PB145300BL

Tgt Ion:244 Resp: 1460524  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.1 9.1  
 122 10.0 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.457 min Scan# 2239  
 Delta R.T. -0.005 min  
 Lab File: BF128693.D  
 Acq: 06 Jun 2022 13:09

Tgt Ion:264 Resp: 222251  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 18.4 27.6  
 265 21.5 17.2 25.8

