

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092922\  
 Data File : BF130463.D  
 Acq On : 29 Sep 2022 12:06  
 Operator : CG\JU  
 Sample : PB147960BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147960BL

Quant Time: Sep 30 03:06:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.634  | 152  | 128762   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.922  | 136  | 516778   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.669  | 164  | 285509   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.151 | 188  | 478009   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.780 | 240  | 300865   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.168 | 264  | 229912   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.257  | 112  | 1071875  | 144.385 | ng    | 0.01     |
| 7) Phenol-d6                | 6.287  | 99   | 1302362  | 140.208 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.210  | 82   | 845449   | 83.581  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.463 | 330  | 435192   | 159.078 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.004  | 172  | 1690647  | 86.229  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.745 | 244  | 1857336  | 102.260 | ng    | 0.00     |

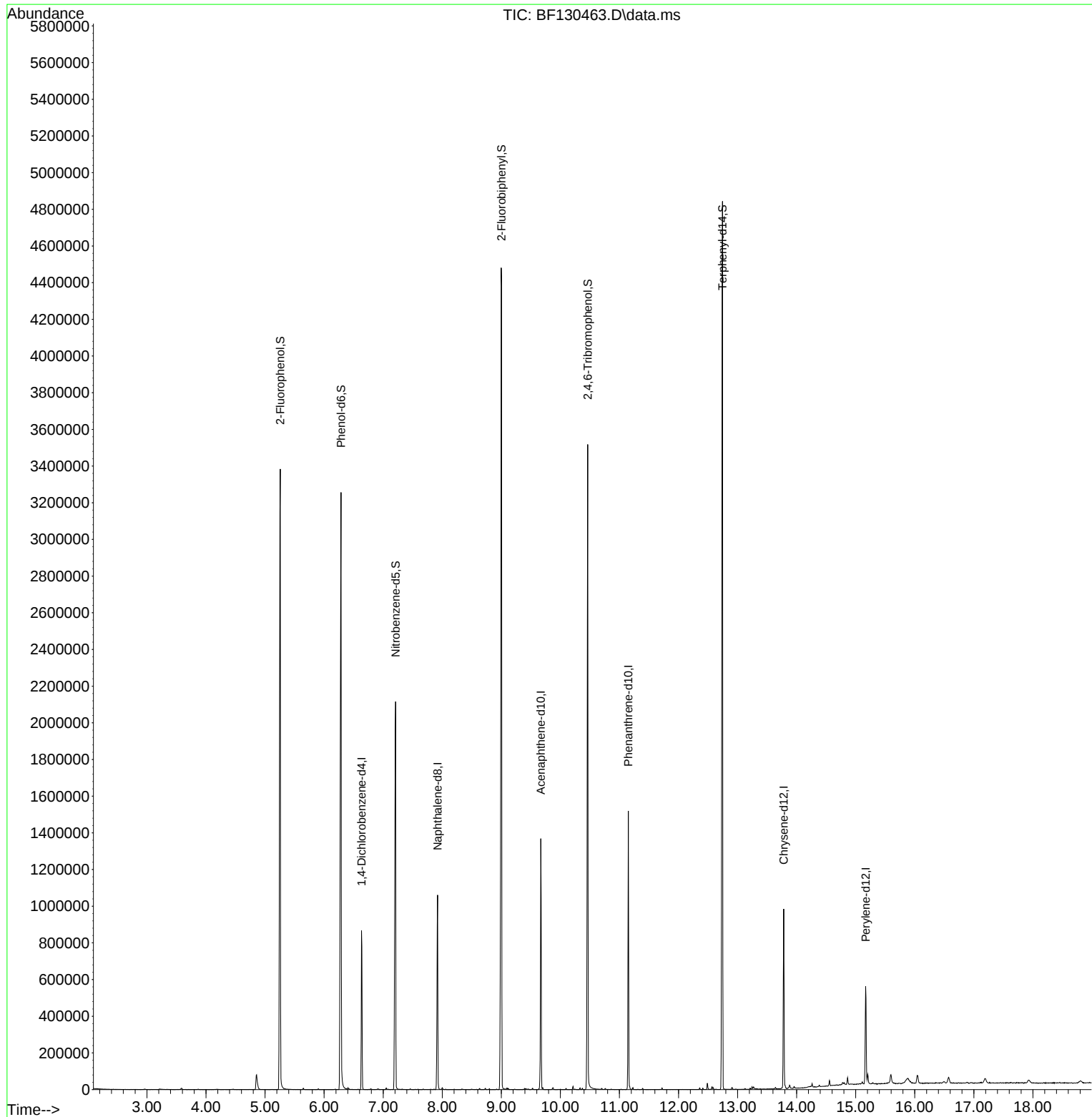
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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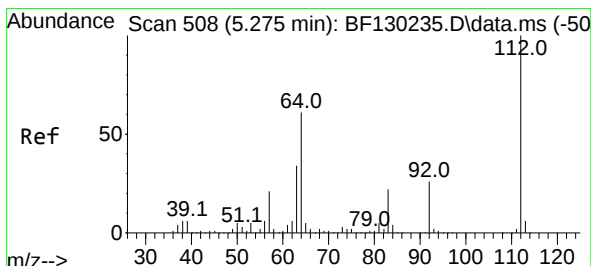
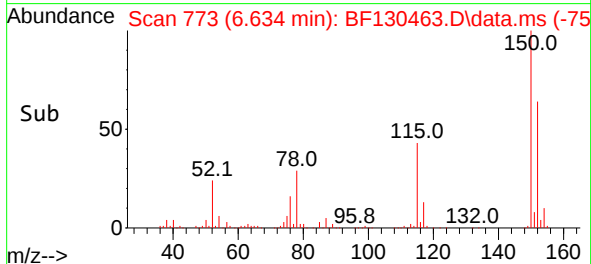
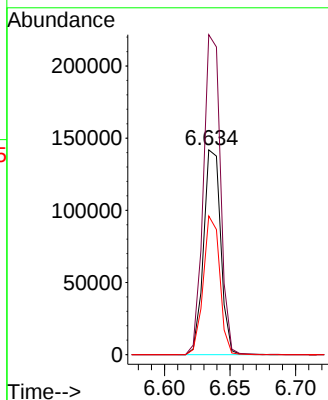
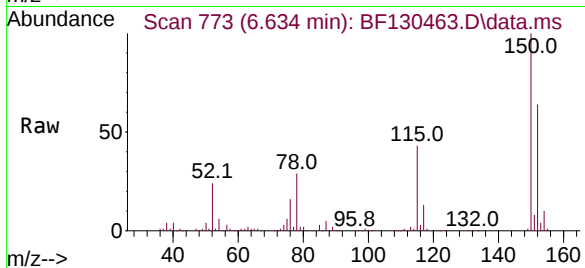




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.634 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BF130463.D  
Acq: 29 Sep 2022 12:06

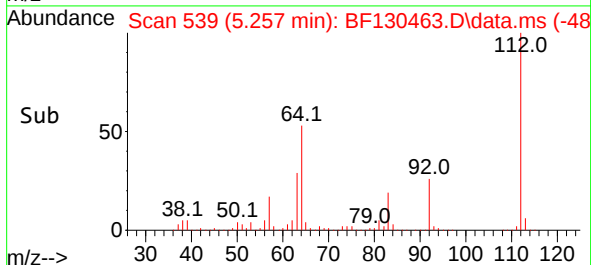
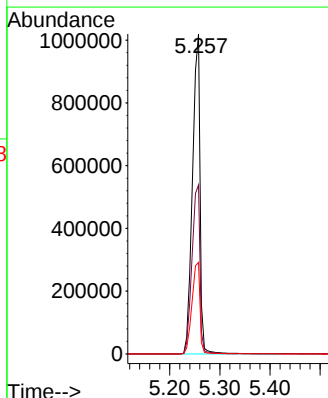
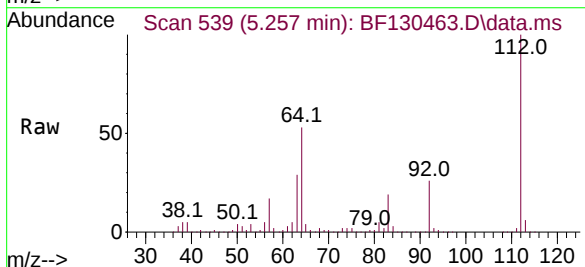
Instrument :  
BNA\_F  
ClientSampleId :  
PB147960BL

Tgt Ion:152 Resp: 128762  
Ion Ratio Lower Upper  
152 100  
150 156.3 122.8 184.2  
115 67.7 53.8 80.8



#5  
2-Fluorophenol  
Concen: 144.385 ng  
RT: 5.257 min Scan# 539  
Delta R.T. 0.012 min  
Lab File: BF130463.D  
Acq: 29 Sep 2022 12:06

Tgt Ion:112 Resp: 1071875  
Ion Ratio Lower Upper  
112 100  
64 52.8 51.4 77.0  
63 28.6 28.8 43.2#

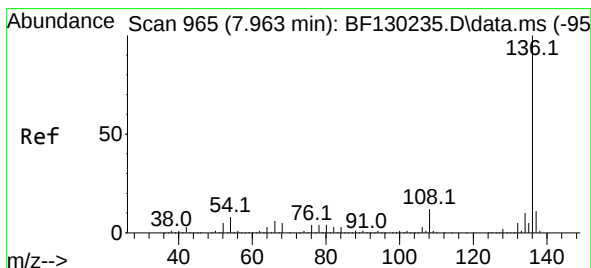
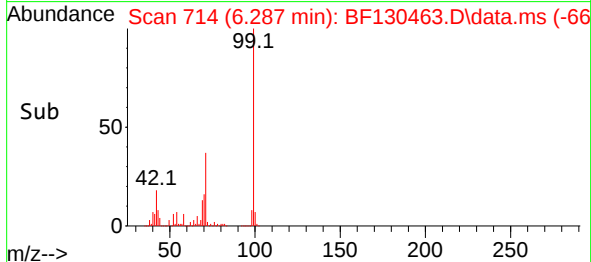
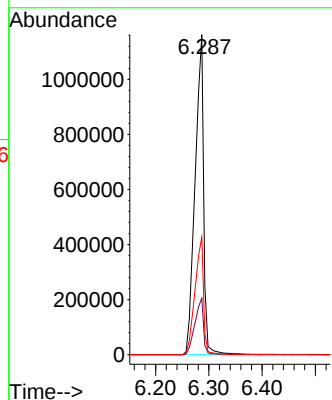
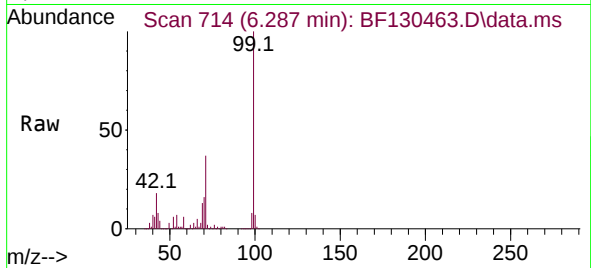




#7  
Phenol-d6  
Concen: 140.208 ng  
RT: 6.287 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130463.D  
Acq: 29 Sep 2022 12:06

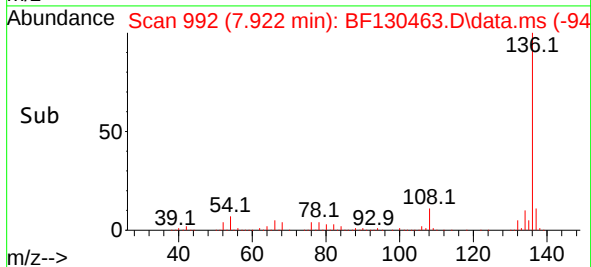
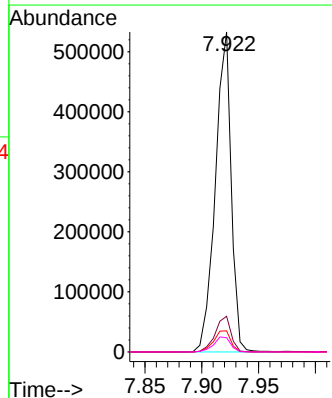
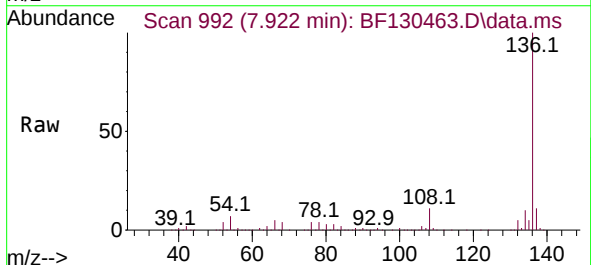
Instrument :  
BNA\_F  
ClientSampleId :  
PB147960BL

Tgt Ion: 99 Resp: 1302362  
Ion Ratio Lower Upper  
99 100  
42 17.6 17.0 25.6  
71 36.7 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.922 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF130463.D  
Acq: 29 Sep 2022 12:06

Tgt Ion:136 Resp: 516778  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.1 13.7  
54 6.6 7.1 10.7#  
68 4.4 4.5 6.7#

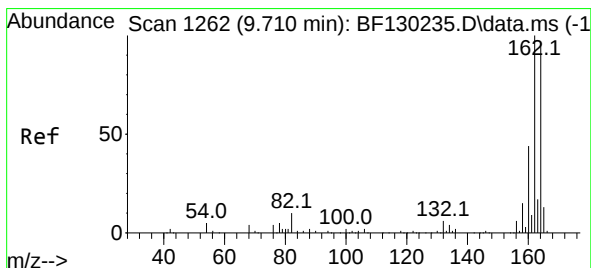
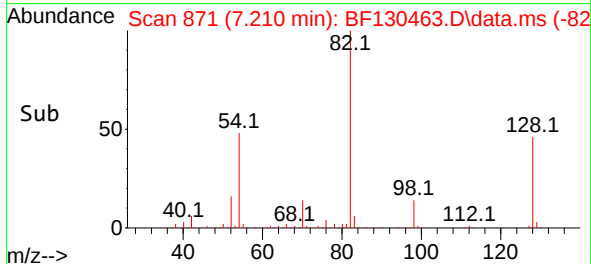
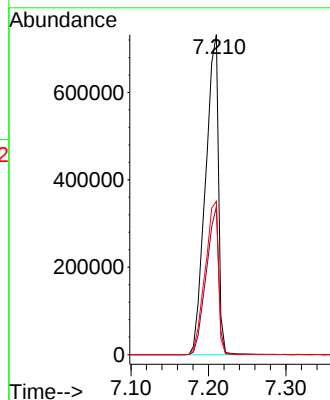
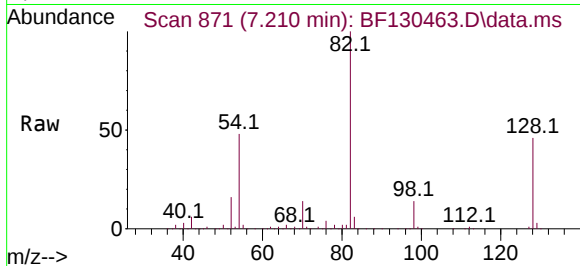




#23  
Nitrobenzene-d5  
Concen: 83.581 ng  
RT: 7.210 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF130463.D  
Acq: 29 Sep 2022 12:06

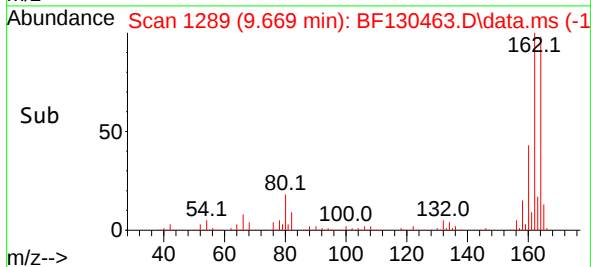
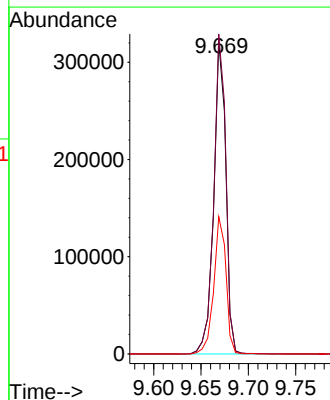
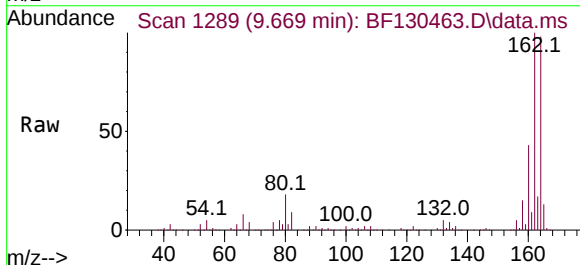
Instrument :  
BNA\_F  
ClientSampleId :  
PB147960BL

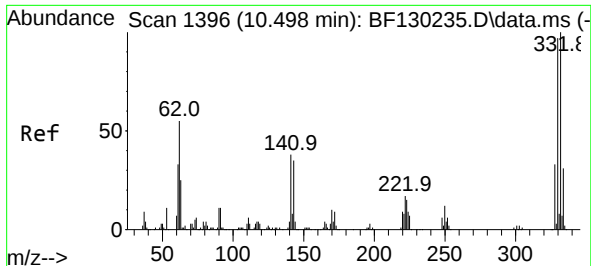
Tgt Ion: 82 Resp: 845449  
Ion Ratio Lower Upper  
82 100  
128 46.1 32.6 49.0  
54 47.9 43.8 65.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. -0.012 min  
Lab File: BF130463.D  
Acq: 29 Sep 2022 12:06

Tgt Ion:164 Resp: 285509  
Ion Ratio Lower Upper  
164 100  
162 102.6 81.4 122.0  
160 44.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 159.078 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130463.D

Acq: 29 Sep 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB147960BL

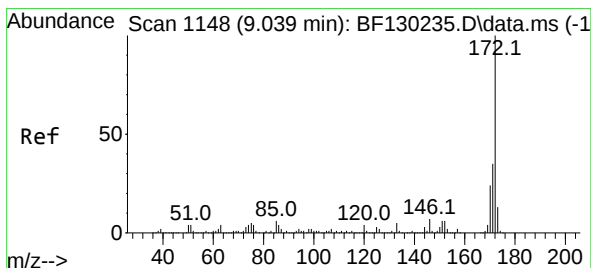
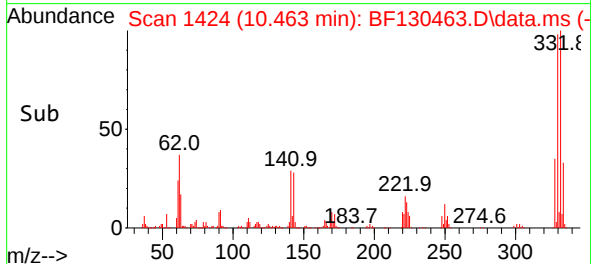
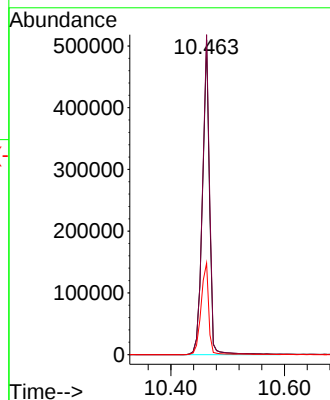
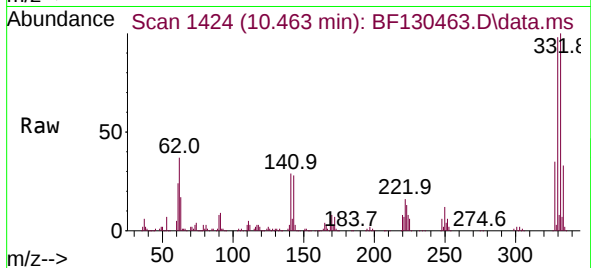
Tgt Ion:330 Resp: 435192

Ion Ratio Lower Upper

330 100

332 103.1 83.4 125.2

141 31.9 34.0 51.0#



#45

2-Fluorobiphenyl

Concen: 86.229 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130463.D

Acq: 29 Sep 2022 12:06

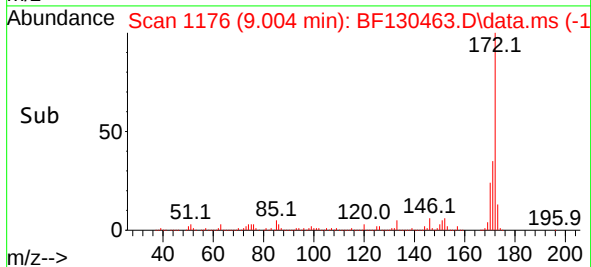
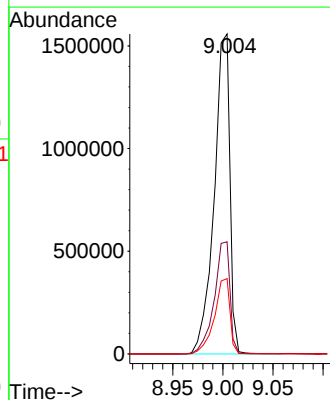
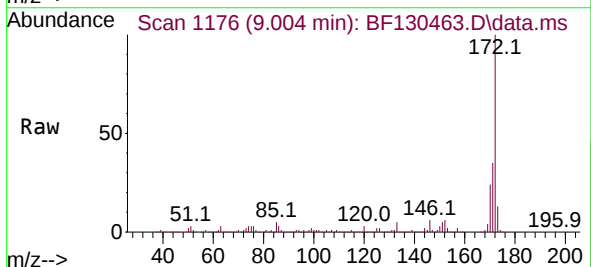
Tgt Ion:172 Resp: 1690647

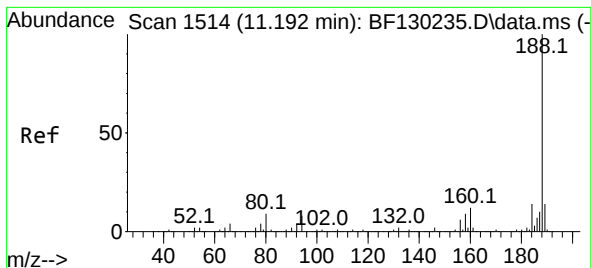
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130463.D

Acq: 29 Sep 2022 12:06

Instrument :

BNA\_F

ClientSampleId :

PB147960BL

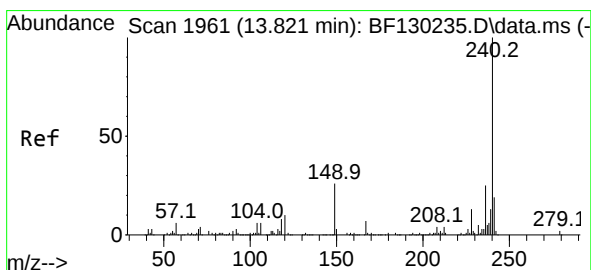
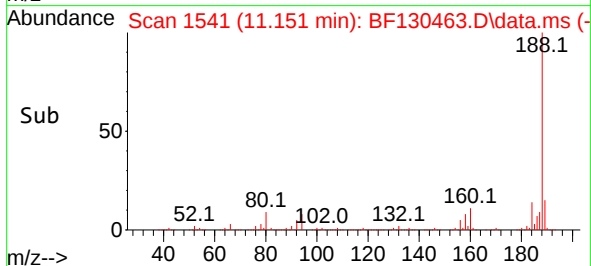
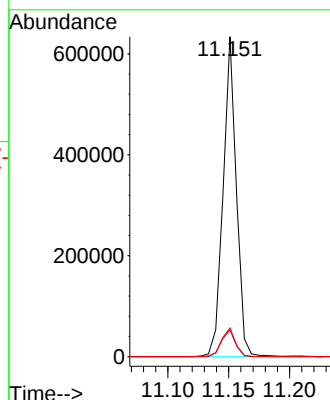
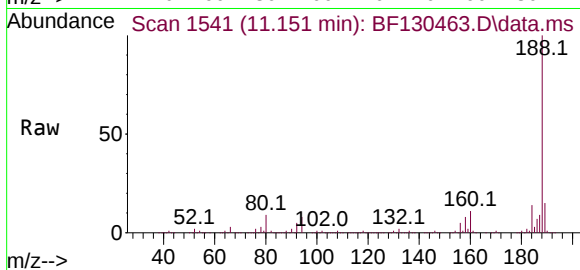
Tgt Ion:188 Resp: 478009

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

80 9.0 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.780 min Scan# 1988

Delta R.T. -0.012 min

Lab File: BF130463.D

Acq: 29 Sep 2022 12:06

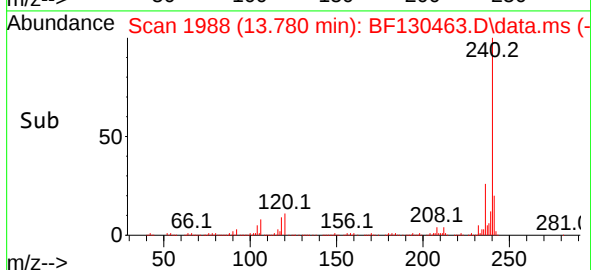
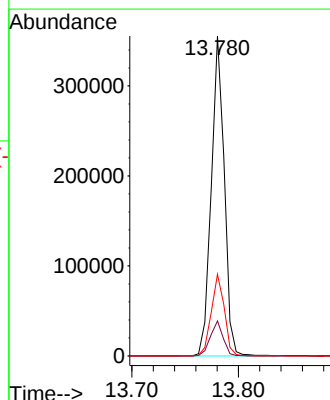
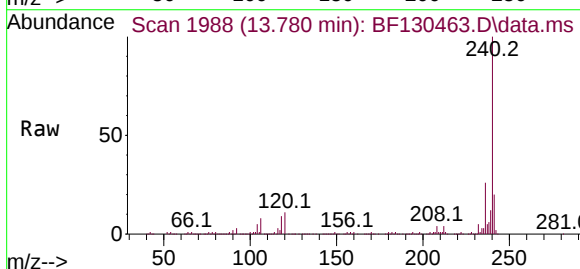
Tgt Ion:240 Resp: 300865

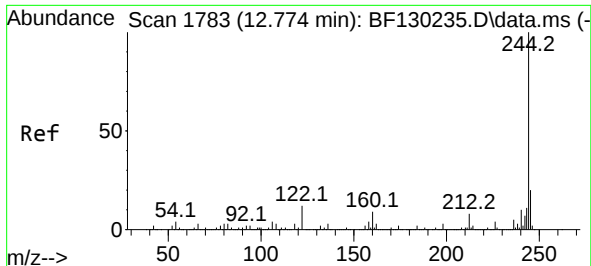
Ion Ratio Lower Upper

240 100

120 10.9 8.7 13.1

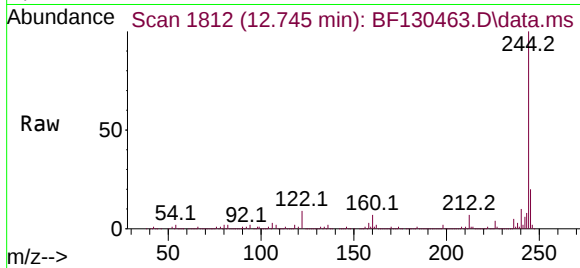
236 25.5 20.9 31.3



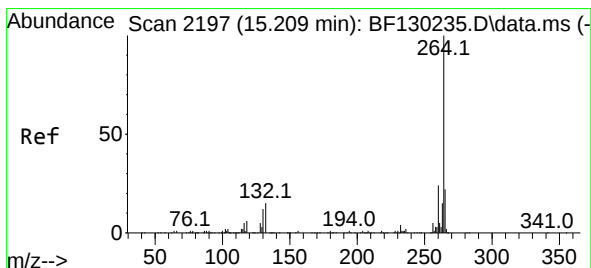
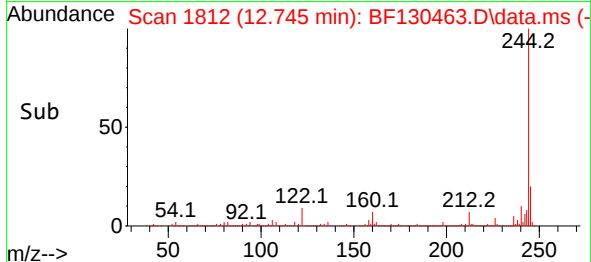
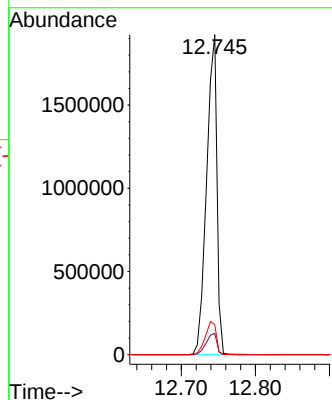


#79  
 Terphenyl-d14  
 Concen: 102.260 ng  
 RT: 12.745 min Scan# 1812  
 Delta R.T. 0.000 min  
 Lab File: BF130463.D  
 Acq: 29 Sep 2022 12:06

Instrument :  
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 PB147960BL



Tgt Ion:244 Resp: 1857336  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.9 8.9  
 122 9.4 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.168 min Scan# 2224  
 Delta R.T. -0.006 min  
 Lab File: BF130463.D  
 Acq: 29 Sep 2022 12:06

Tgt Ion:264 Resp: 229912  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 19.3 28.9  
 265 21.1 17.0 25.4

