

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082422\  
 Data File : BF129977.D  
 Acq On : 24 Aug 2022 17:57  
 Operator : CG\JU  
 Sample : N4244-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-103I

Quant Time: Aug 25 04:12:49 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 04:08:38 2022  
 Response via : Initial Calibration

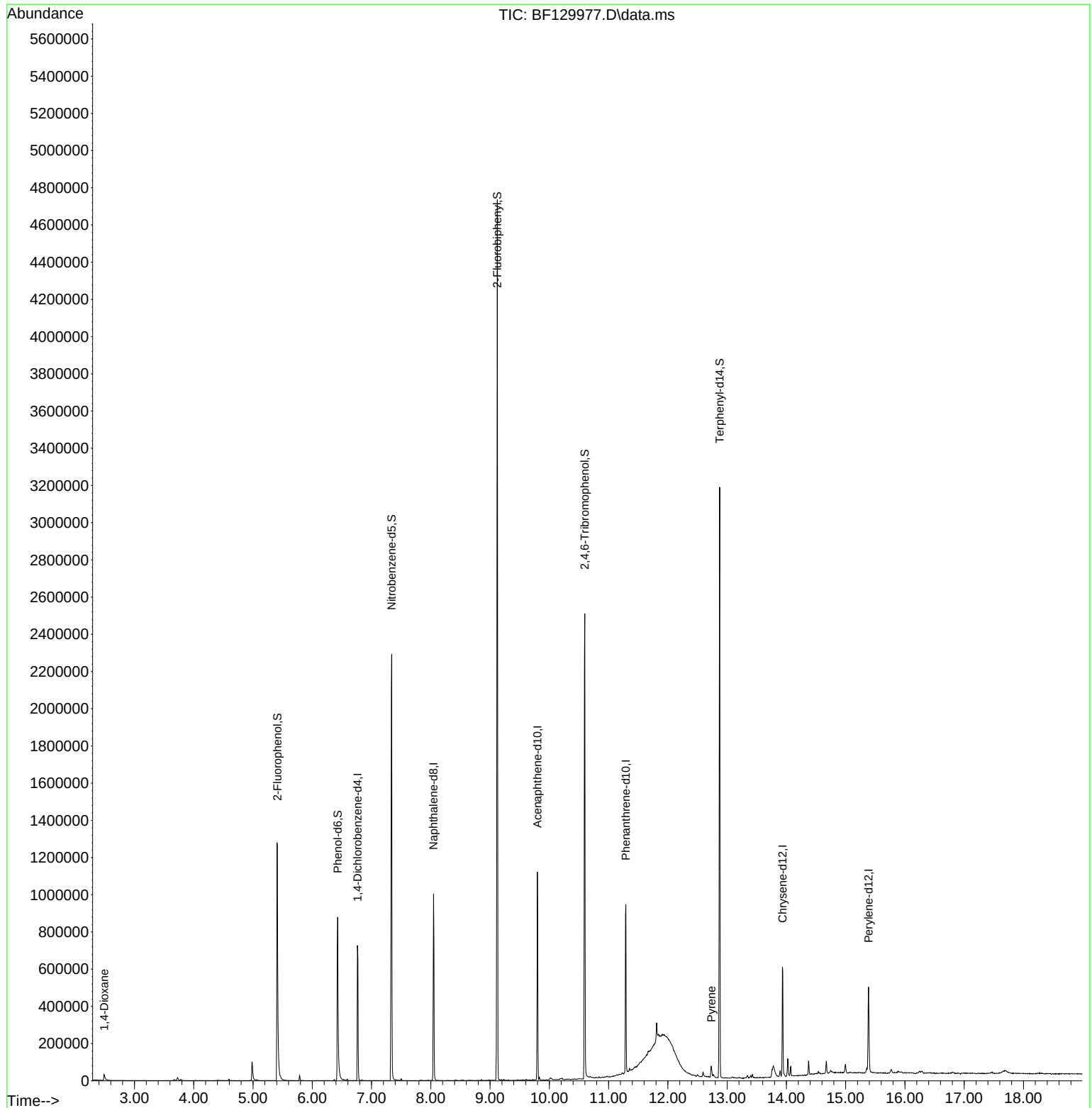
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.763  | 152  | 105870   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.045  | 136  | 418042   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.798  | 164  | 210222   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.292 | 188  | 321891   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.933 | 240  | 197687   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.386 | 264  | 197081   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.410  | 112  | 425965   | 66.617  | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 325252   | 40.619  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.339  | 82   | 747495   | 95.720  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.598 | 330  | 287117   | 136.081 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.122  | 172  | 1307996  | 94.500  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.874 | 244  | 965755   | 81.288  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 2) 1,4-Dioxane              | 2.487  | 88   | 17102    | 6.483   | ng    | 93       |
| 78) Pyrene                  | 12.733 | 202  | 34833    | 2.028   | ng    | 99       |
| -----                       |        |      |          |         |       |          |

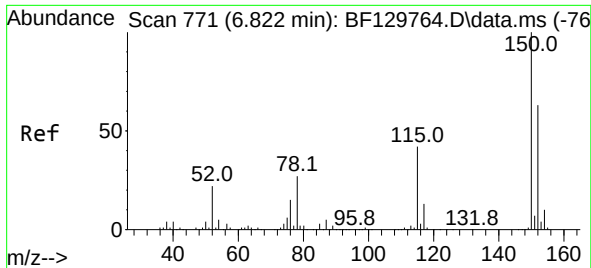
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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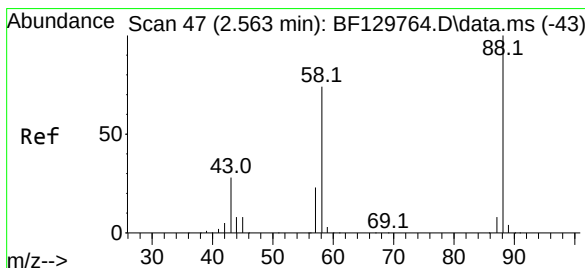
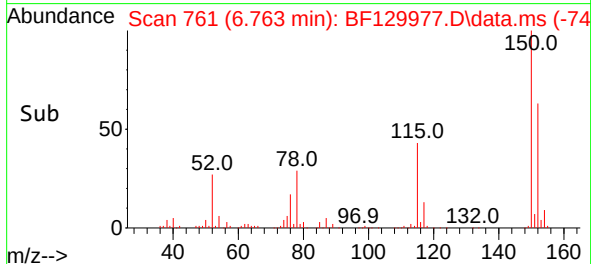
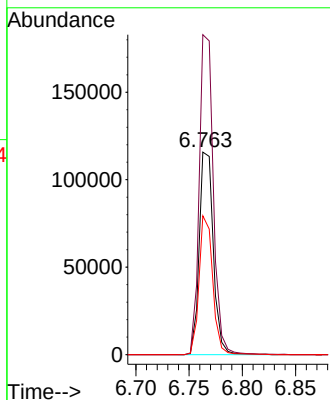
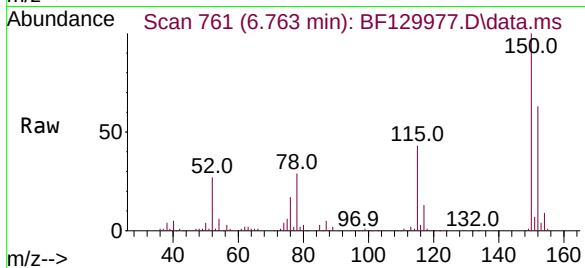




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.763 min Scan# 70  
 Delta R.T. -0.006 min  
 Lab File: BF129977.D  
 Acq: 24 Aug 2022 17:57

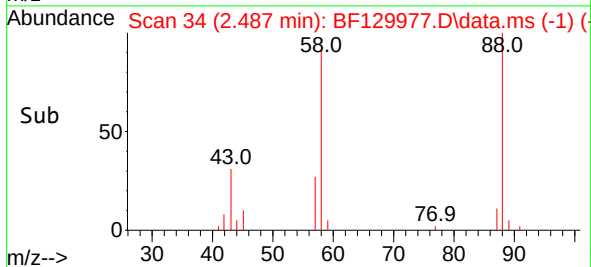
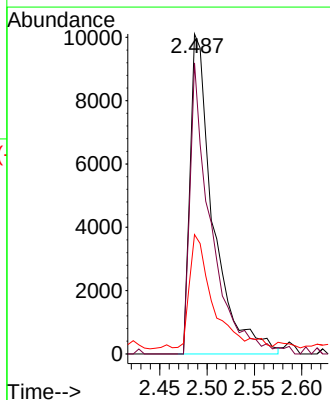
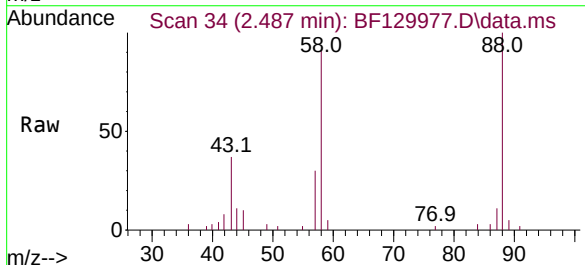
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-103I

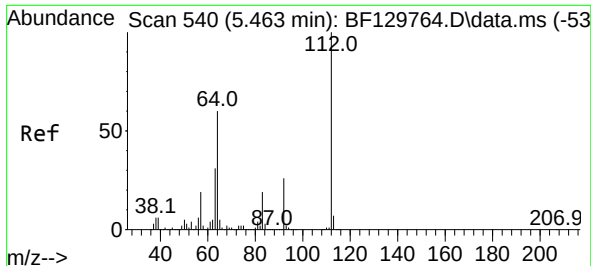
Tgt Ion:152 Resp: 105870  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 126.9 190.3  
 115 68.5 53.4 80.0



#2  
 1,4-Dioxane  
 Concen: 6.483 ng  
 RT: 2.487 min Scan# 34  
 Delta R.T. 0.041 min  
 Lab File: BF129977.D  
 Acq: 24 Aug 2022 17:57

Tgt Ion: 88 Resp: 17102  
 Ion Ratio Lower Upper  
 88 100  
 58 82.5 60.9 91.3  
 43 33.5 23.6 35.4

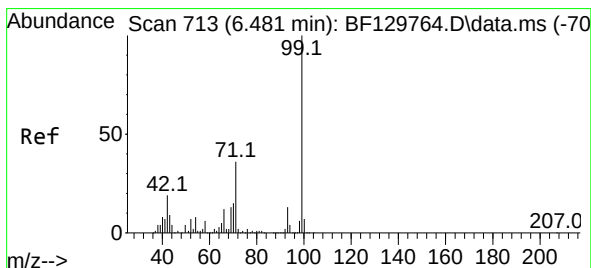
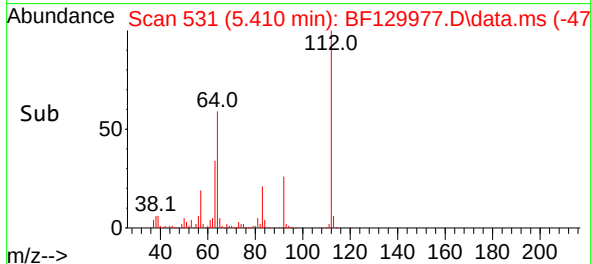
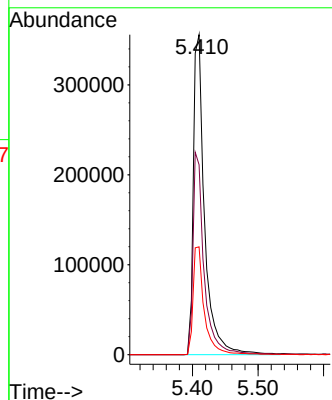
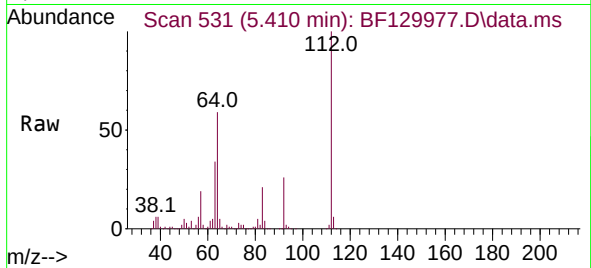




#5  
2-Fluorophenol  
Concen: 66.617 ng  
RT: 5.410 min Scan# 531  
Delta R.T. 0.006 min  
Lab File: BF129977.D  
Acq: 24 Aug 2022 17:57

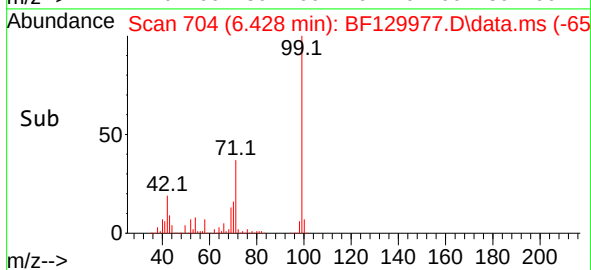
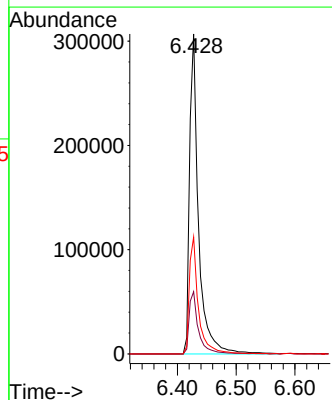
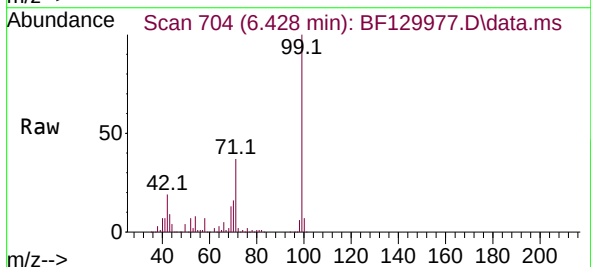
Instrument :  
BNA\_F  
ClientSampleId :  
MW-103I

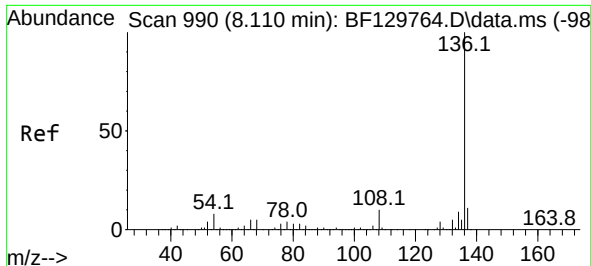
Tgt Ion:112 Resp: 425965  
Ion Ratio Lower Upper  
112 100  
64 59.3 47.6 71.4  
63 33.7 24.6 37.0



#7  
Phenol-d6  
Concen: 40.619 ng  
RT: 6.428 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BF129977.D  
Acq: 24 Aug 2022 17:57

Tgt Ion: 99 Resp: 325252  
Ion Ratio Lower Upper  
99 100  
42 19.4 15.0 22.4  
71 36.5 28.8 43.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.045 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA\_F

ClientSampleId :

MW-103I

Tgt Ion:136 Resp: 418042

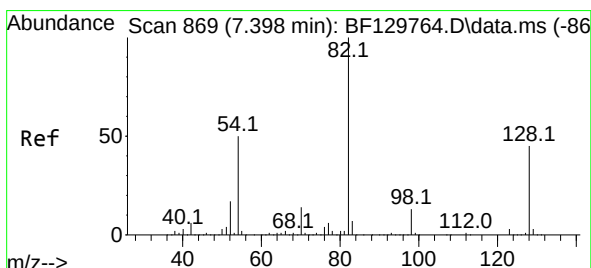
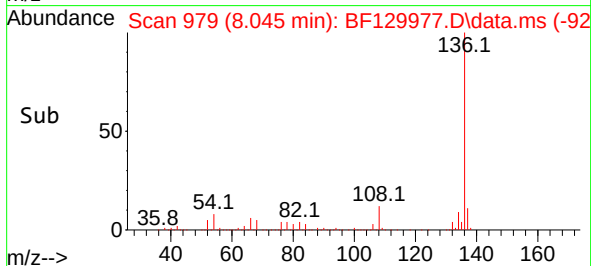
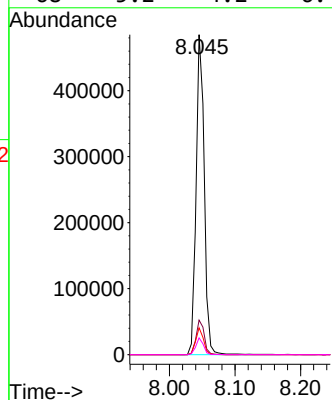
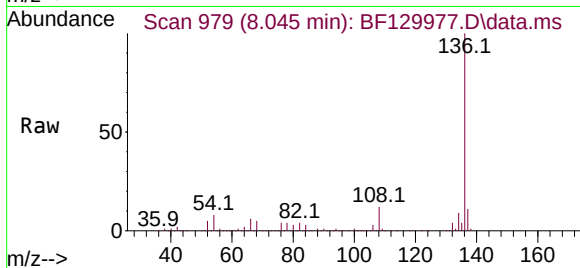
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.4 6.2 9.2

68 5.2 4.2 6.4



#23

Nitrobenzene-d5

Concen: 95.720 ng

RT: 7.339 min Scan# 859

Delta R.T. -0.000 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

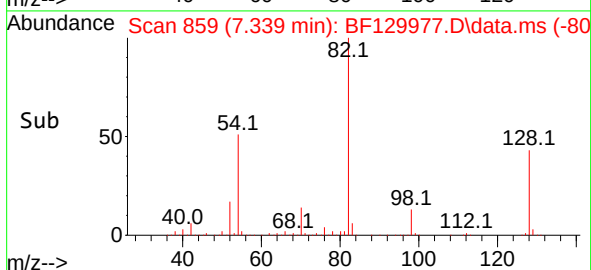
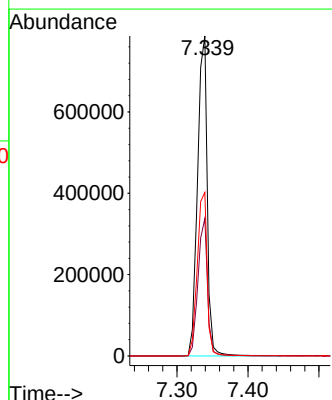
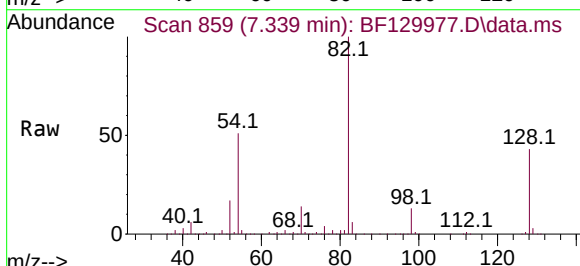
Tgt Ion: 82 Resp: 747495

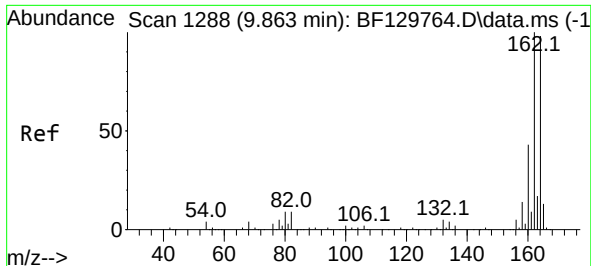
Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

54 51.1 40.0 60.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA\_F

ClientSampleId :

MW-103I

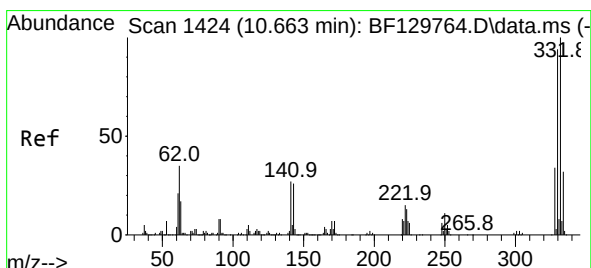
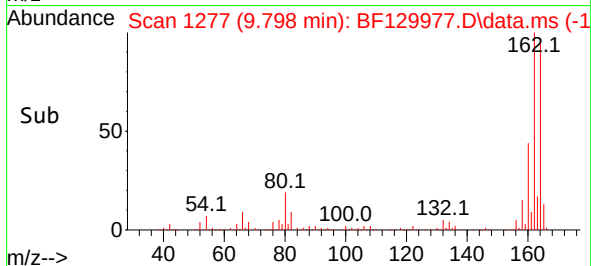
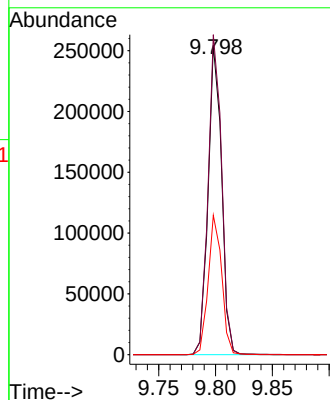
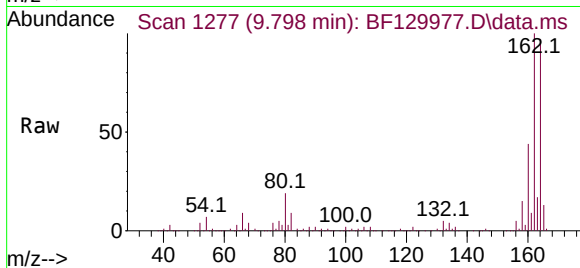
Tgt Ion:164 Resp: 210222

Ion Ratio Lower Upper

164 100

162 103.5 82.0 123.0

160 45.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 136.081 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

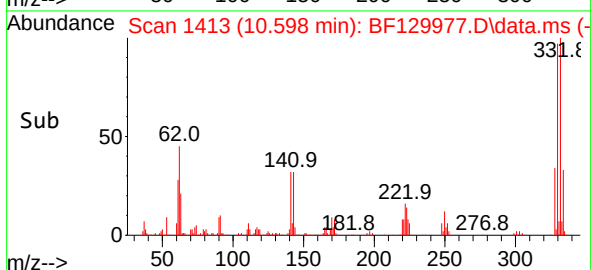
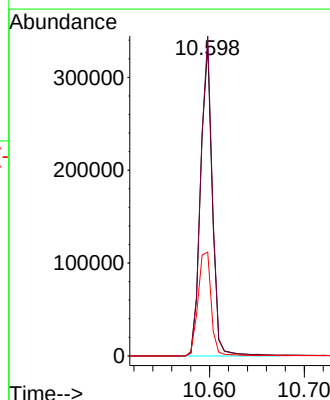
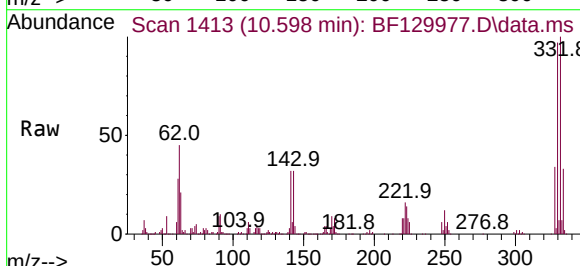
Tgt Ion:330 Resp: 287117

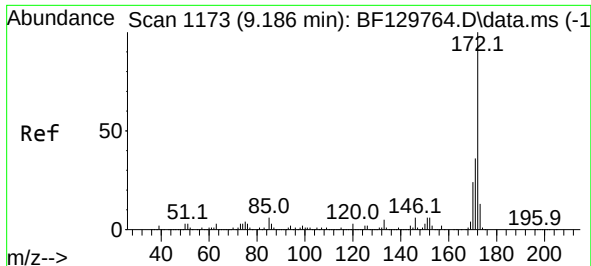
Ion Ratio Lower Upper

330 100

332 103.0 82.6 124.0

141 37.6 27.6 41.4

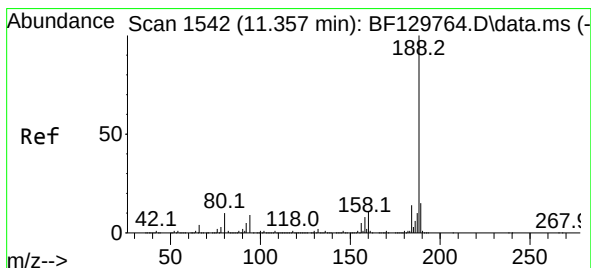
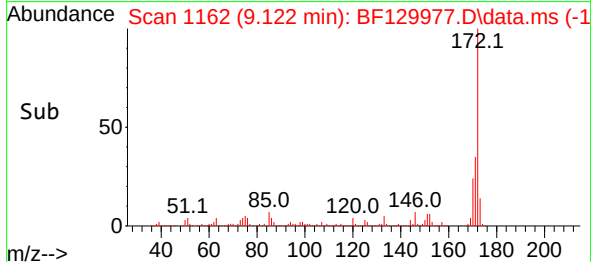
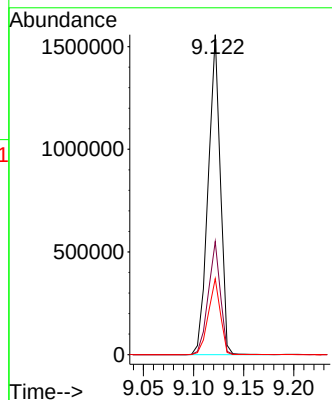
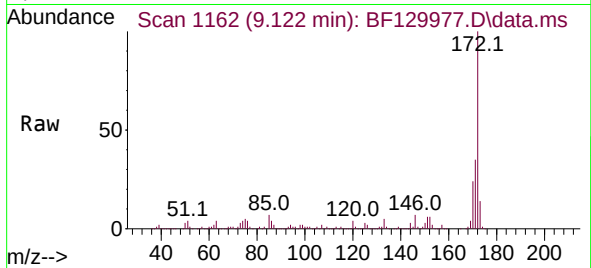




#45  
2-Fluorobiphenyl  
Concen: 94.500 ng  
RT: 9.122 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: BF129977.D  
Acq: 24 Aug 2022 17:57

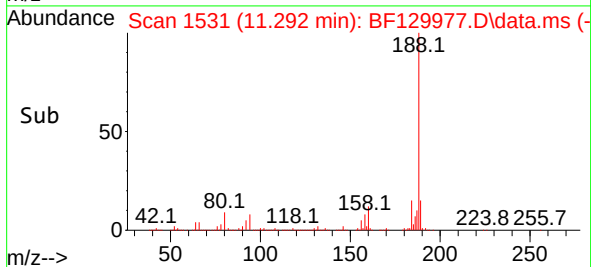
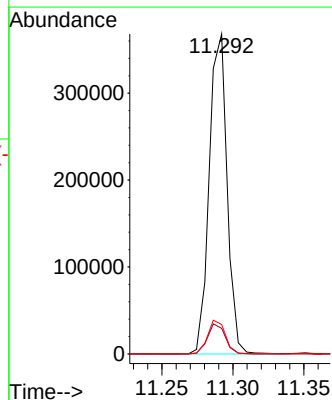
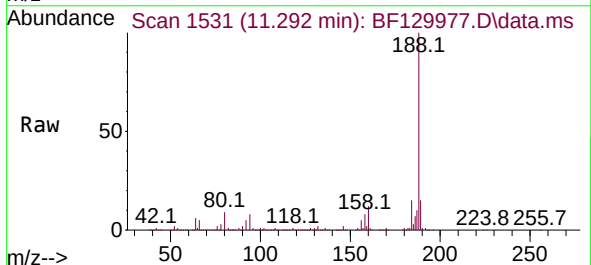
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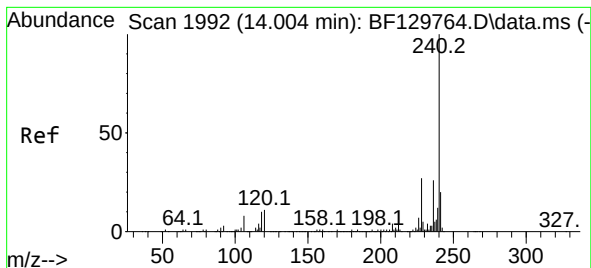
Tgt Ion:172 Resp: 1307996  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.4 42.6  
170 23.7 19.1 28.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.292 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: BF129977.D  
Acq: 24 Aug 2022 17:57

Tgt Ion:188 Resp: 321891  
Ion Ratio Lower Upper  
188 100  
94 8.0 7.4 11.2  
80 9.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

Instrument :

BNA\_F

ClientSampleId :

MW-103I

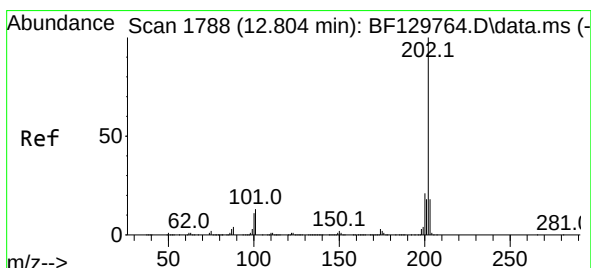
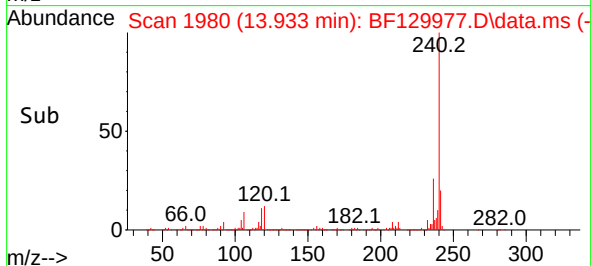
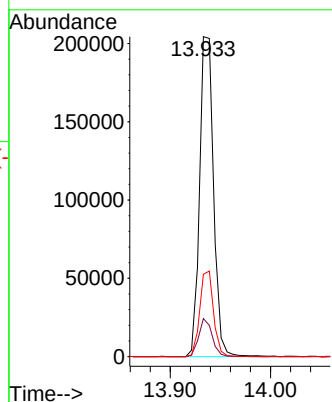
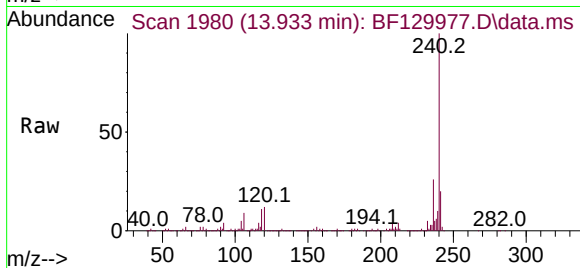
Tgt Ion:240 Resp: 197687

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 25.7 20.7 31.1



#78

Pyrene

Concen: 2.028 ng

RT: 12.733 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF129977.D

Acq: 24 Aug 2022 17:57

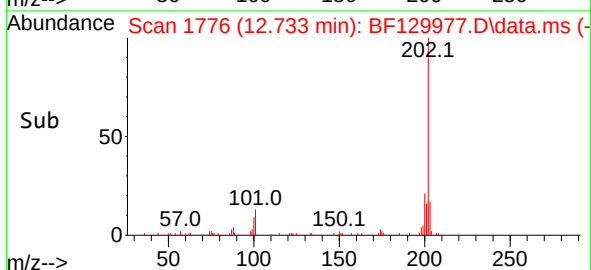
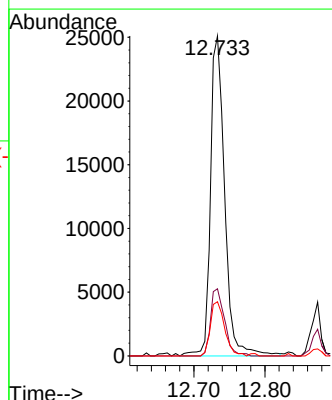
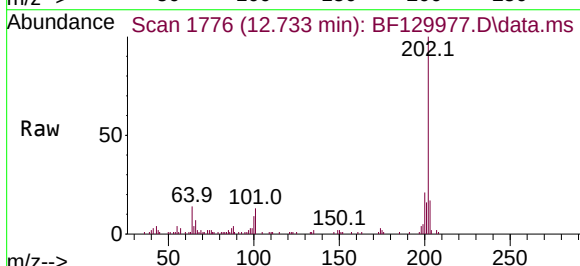
Tgt Ion:202 Resp: 34833

Ion Ratio Lower Upper

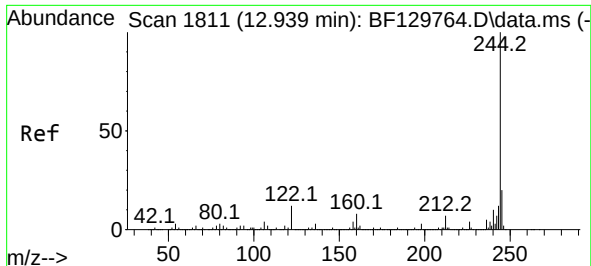
202 100

200 21.0 17.0 25.6

203 16.9 14.1 21.1



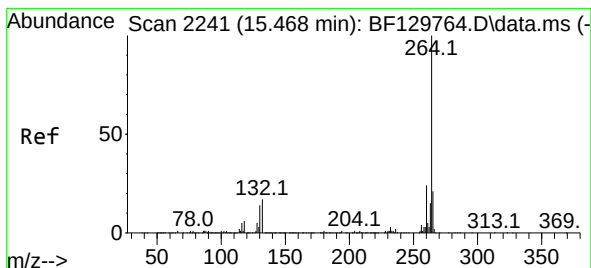
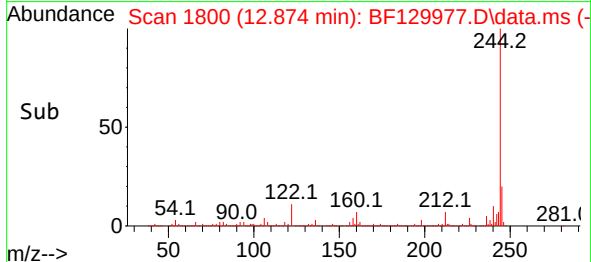
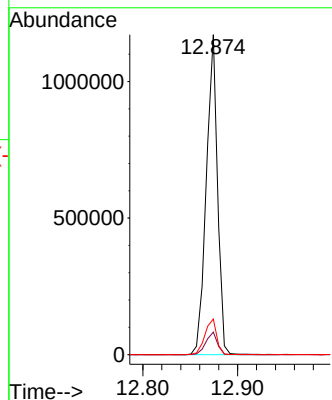
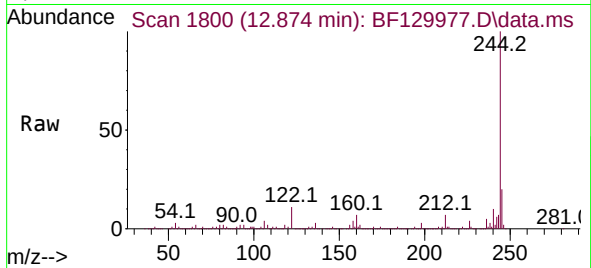




#79  
 Terphenyl-d14  
 Concen: 81.288 ng  
 RT: 12.874 min Scan# 1811  
 Delta R.T. -0.000 min  
 Lab File: BF129977.D  
 Acq: 24 Aug 2022 17:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-103I

Tgt Ion:244 Resp: 965755  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.9 8.9  
 122 11.1 9.9 14.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.386 min Scan# 2227  
 Delta R.T. -0.000 min  
 Lab File: BF129977.D  
 Acq: 24 Aug 2022 17:57

Tgt Ion:264 Resp: 197081  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.1 28.7  
 265 21.7 16.7 25.1

