

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051022\  
 Data File : BF128164.D  
 Acq On : 10 May 2022 17:09  
 Operator : CG\JU  
 Sample : N2745-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-31S

Quant Time: May 11 04:00:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 09 15:30:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 77798    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 301318   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 175389   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.422 | 188  | 312850   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.068 | 240  | 182879   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.563 | 264  | 177724   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 651795   | 133.557 | ng    | 0.01     |
| 7) Phenol-d6                | 6.522  | 99   | 770044   | 119.296 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 668746   | 99.866  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 285653   | 142.010 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 1119168  | 99.844  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.016 | 244  | 1196334  | 122.749 | ng    | 0.00     |

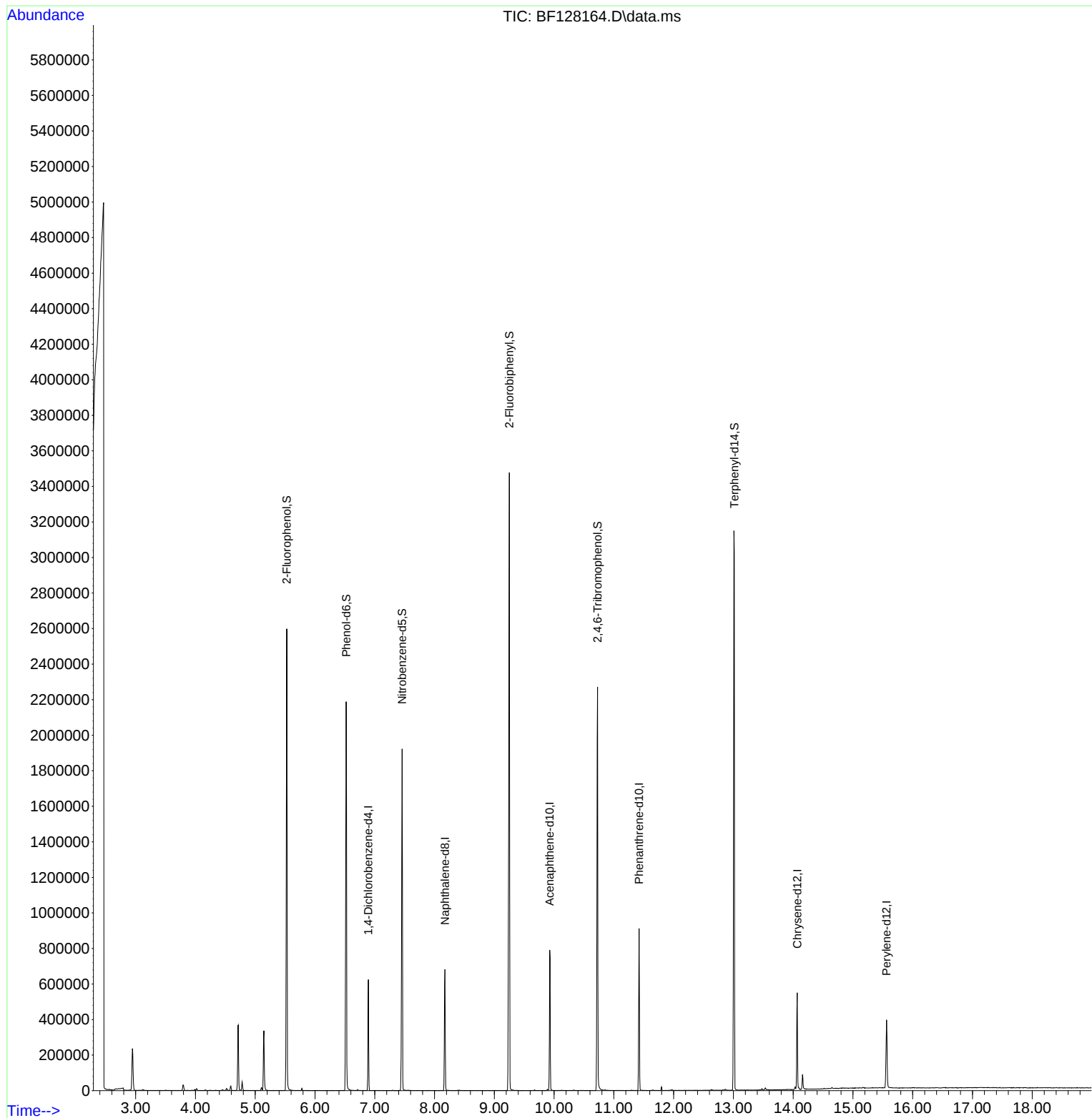
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

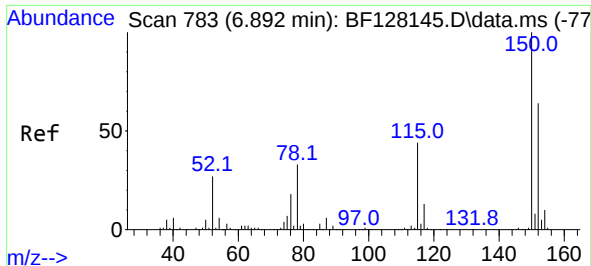
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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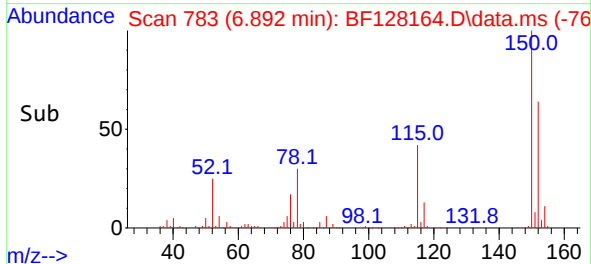
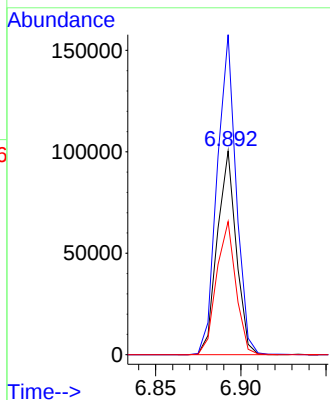
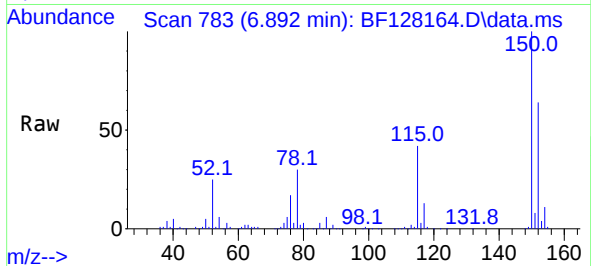




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128164.D  
Acq: 10 May 2022 17:09

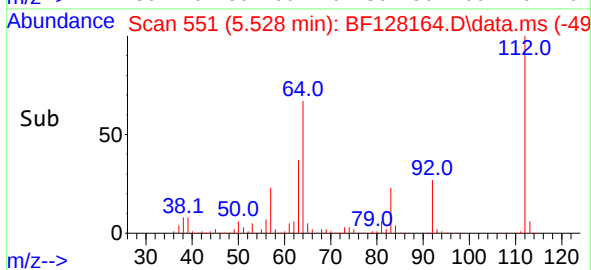
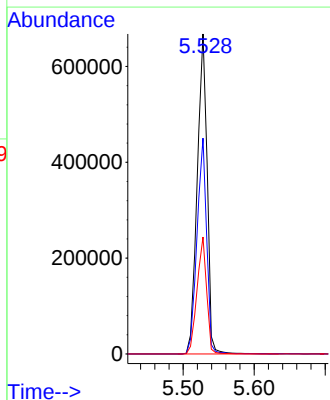
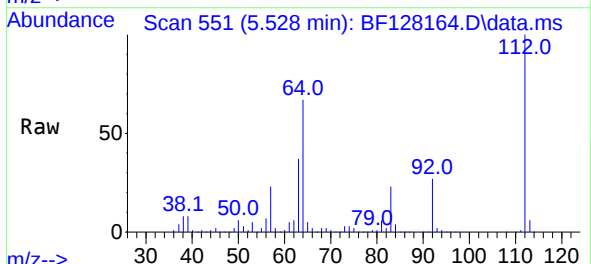
Instrument :  
BNA\_F  
ClientSampleId :  
MH-31S

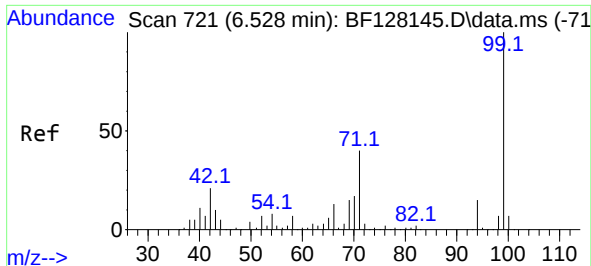
Tgt Ion:152 Resp: 77798  
Ion Ratio Lower Upper  
152 100  
150 157.1 125.3 187.9  
115 65.4 48.8 73.2



#5  
2-Fluorophenol  
Concen: 133.557 ng  
RT: 5.528 min Scan# 551  
Delta R.T. 0.012 min  
Lab File: BF128164.D  
Acq: 10 May 2022 17:09

Tgt Ion:112 Resp: 651795  
Ion Ratio Lower Upper  
112 100  
64 67.5 49.5 74.3  
63 36.6 26.3 39.5

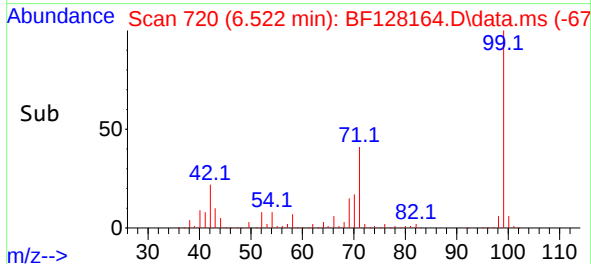
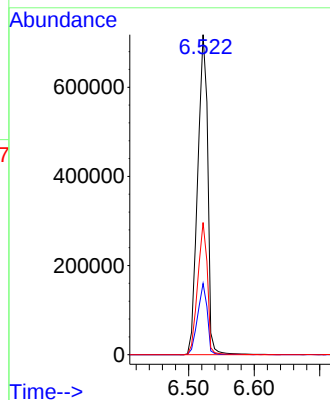
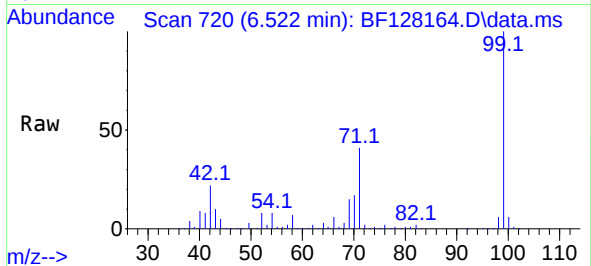




#7  
Phenol-d6  
Concen: 119.296 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128164.D  
Acq: 10 May 2022 17:09

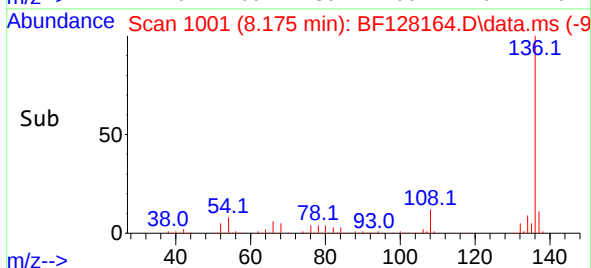
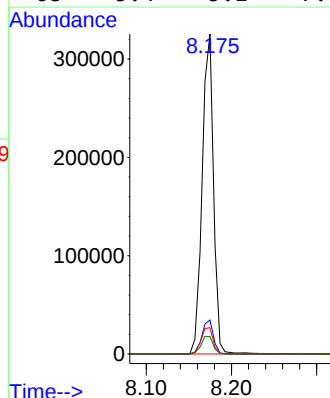
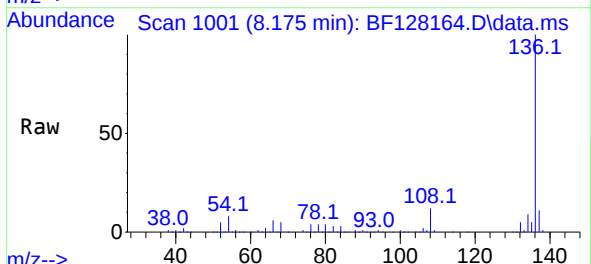
Instrument :  
BNA\_F  
ClientSampleId :  
MH-31S

Tgt Ion: 99 Resp: 770044  
Ion Ratio Lower Upper  
99 100  
42 22.2 16.6 24.8  
71 41.3 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: BF128164.D  
Acq: 10 May 2022 17:09

Tgt Ion: 136 Resp: 301318  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.2 6.8 10.2  
68 5.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 99.866 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128164.D

Acq: 10 May 2022 17:09

Instrument :

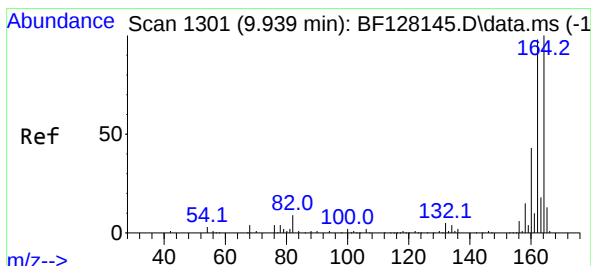
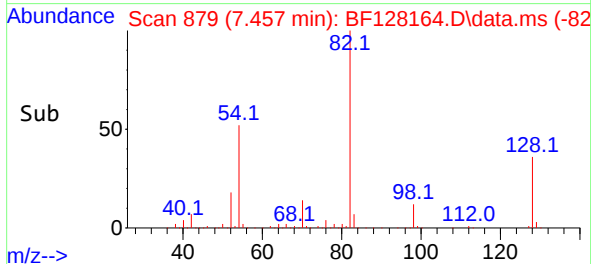
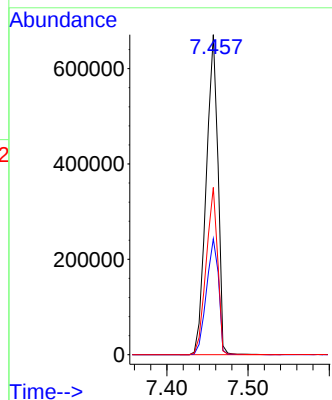
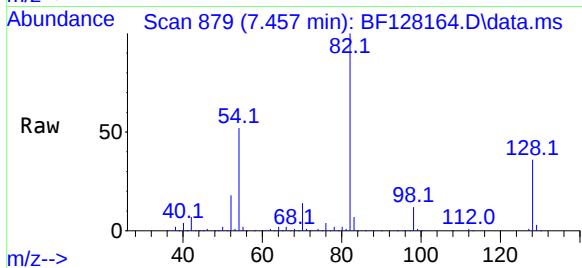
BNA\_F

ClientSampleId :

MH-31S

Tgt Ion: 82 Resp: 668746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.2  | 30.0  | 45.0  |
| 54  | 52.2  | 41.3  | 61.9  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1299

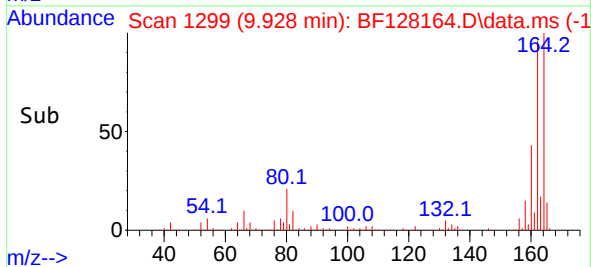
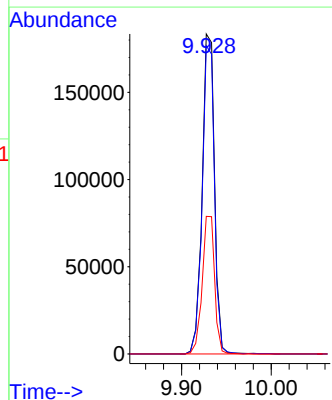
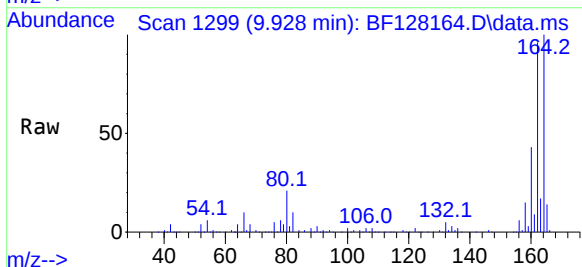
Delta R.T. -0.011 min

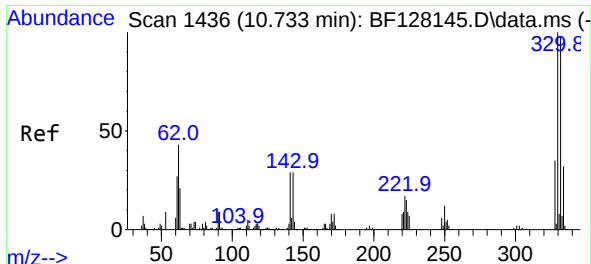
Lab File: BF128164.D

Acq: 10 May 2022 17:09

Tgt Ion:164 Resp: 175389

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 96.3  | 76.0  | 114.0 |
| 160 | 43.0  | 34.8  | 52.2  |





#42

2,4,6-Tribromophenol

Concen: 142.010 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128164.D

Acq: 10 May 2022 17:09

Instrument :

BNA\_F

ClientSampleId :

MH-31S

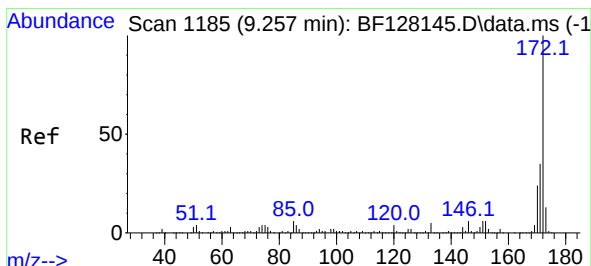
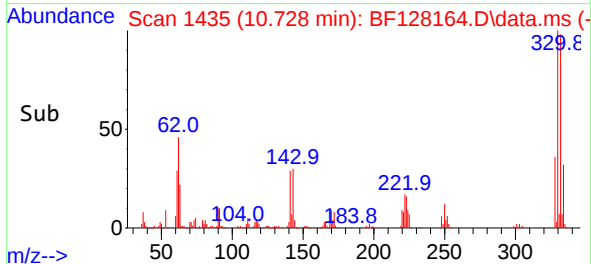
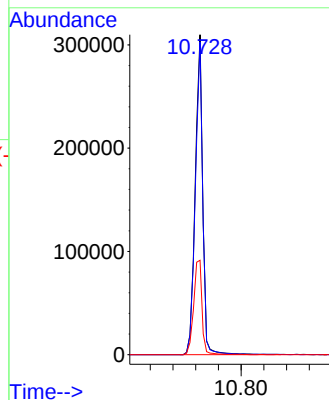
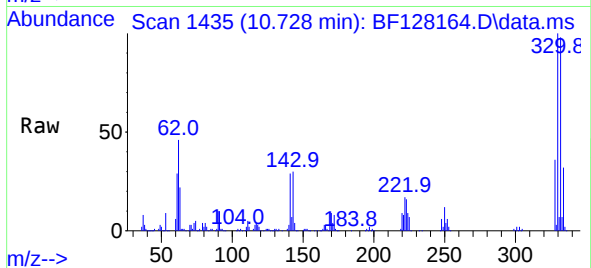
Tgt Ion:330 Resp: 285653

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 32.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 99.844 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128164.D

Acq: 10 May 2022 17:09

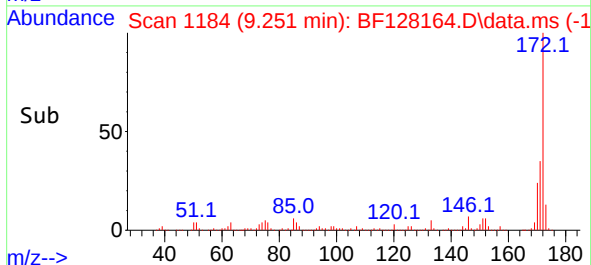
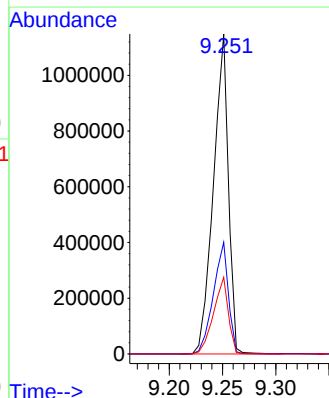
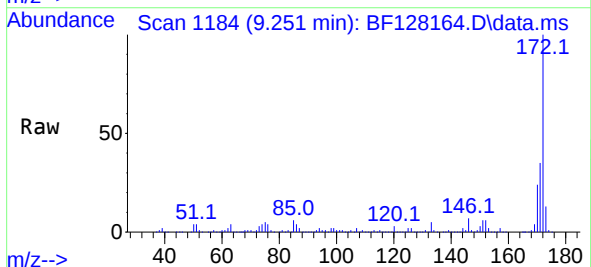
Tgt Ion:172 Resp: 1119168

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.9 19.1 28.7

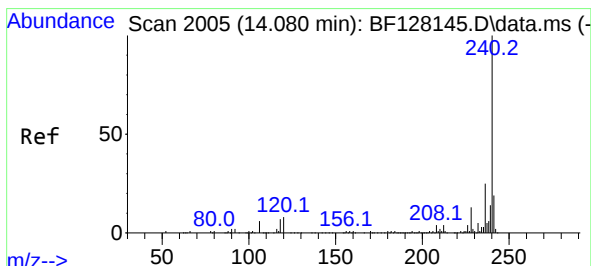
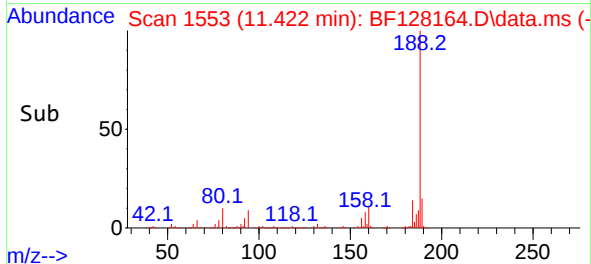
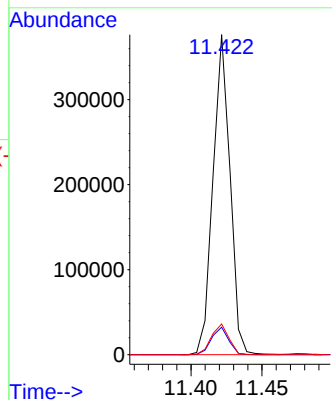
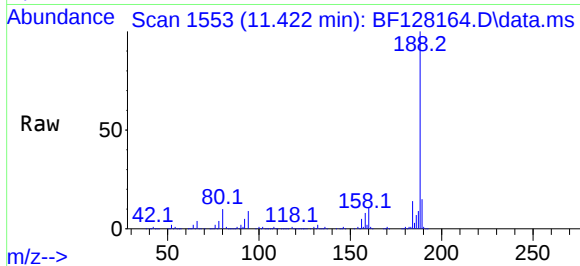




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128164.D  
Acq: 10 May 2022 17:09

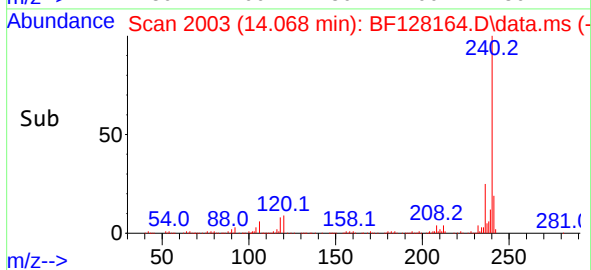
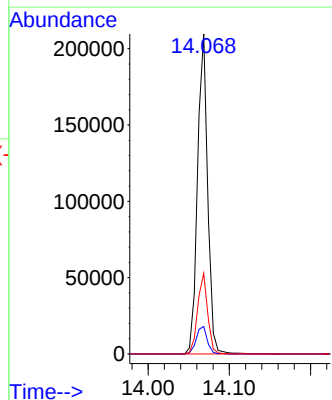
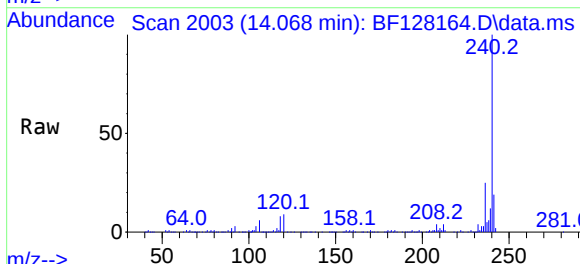
Instrument :  
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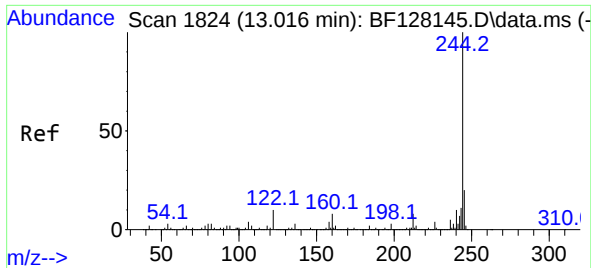
Tgt Ion:188 Resp: 312850  
Ion Ratio Lower Upper  
188 100  
94 8.6 8.0 12.0  
80 9.6 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2003  
Delta R.T. -0.012 min  
Lab File: BF128164.D  
Acq: 10 May 2022 17:09

Tgt Ion:240 Resp: 182879  
Ion Ratio Lower Upper  
240 100  
120 8.6 7.0 10.6  
236 25.2 20.3 30.5

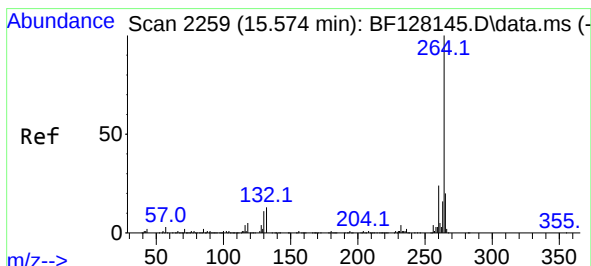
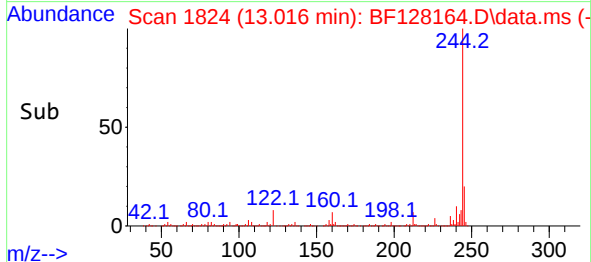
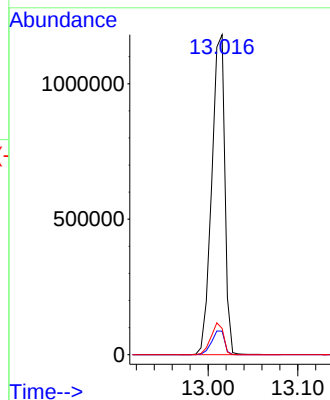
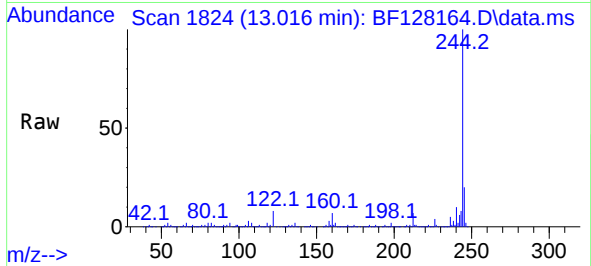




#79  
 Terphenyl-d14  
 Concen: 122.749 ng  
 RT: 13.016 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF128164.D  
 Acq: 10 May 2022 17:09

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 1196334  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.4  
 122 8.2 8.6 12.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 2257  
 Delta R.T. -0.012 min  
 Lab File: BF128164.D  
 Acq: 10 May 2022 17:09

Tgt Ion:264 Resp: 177724  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 20.1 30.1  
 265 21.7 17.5 26.3

