

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052422\  
 Data File : BF128449.D  
 Acq On : 24 May 2022 22:08  
 Operator : CG\JU  
 Sample : N2896-14 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P039-SS001-1218-01

Quant Time: May 25 03:56:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 25 03:52:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.846  | 152  | 101942   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 372631   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 184268   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.375 | 188  | 296105   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.027 | 240  | 196545   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.510 | 264  | 145487   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 106393   | 16.609 | ng    | 0.00     |
| 7) Phenol-d6                | 6.487  | 99   | 135140   | 16.021 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 89723    | 10.788 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.681 | 330  | 22690    | 11.940 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 154531   | 13.714 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 134174   | 13.178 | ng    | 0.00     |

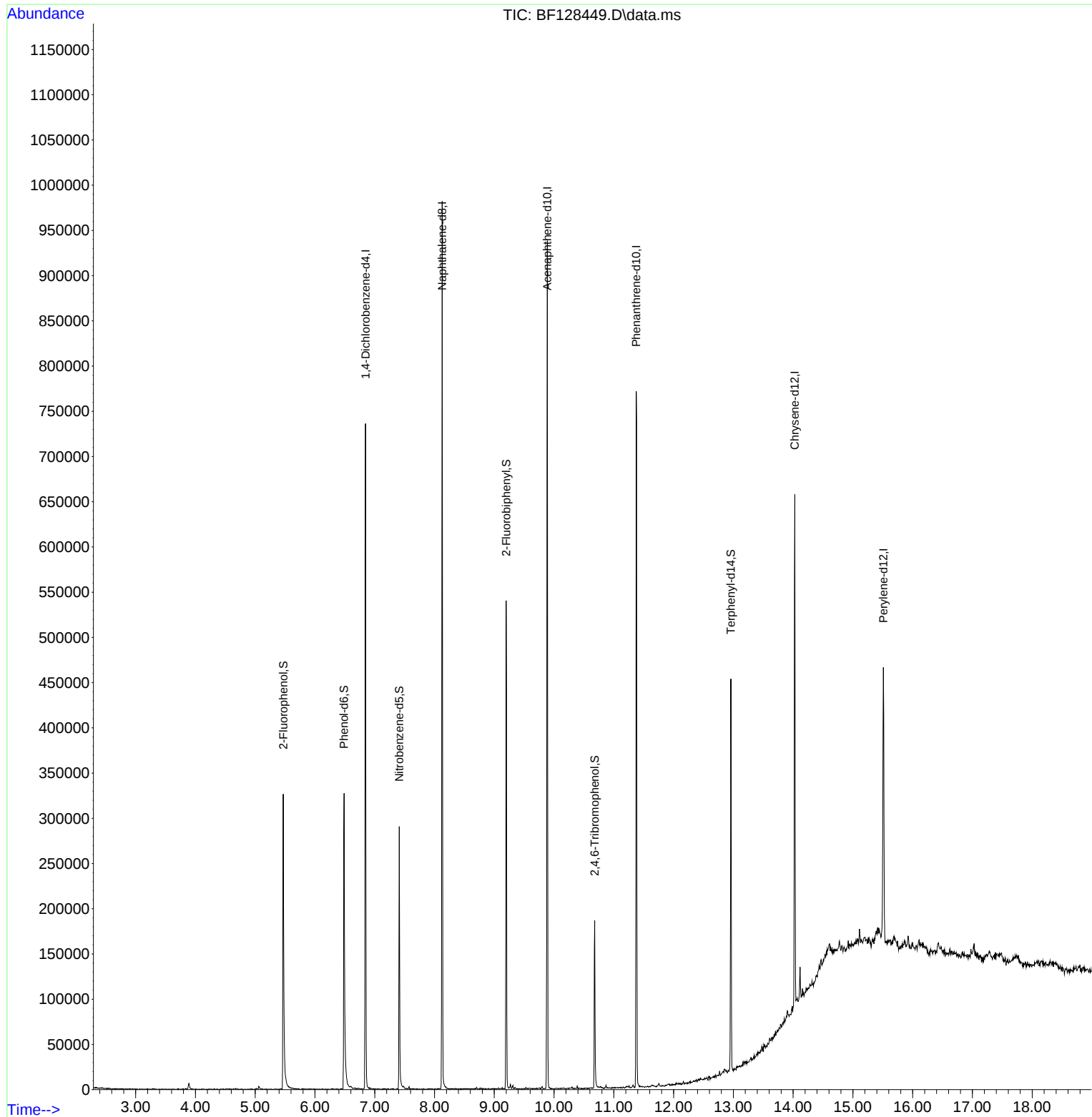
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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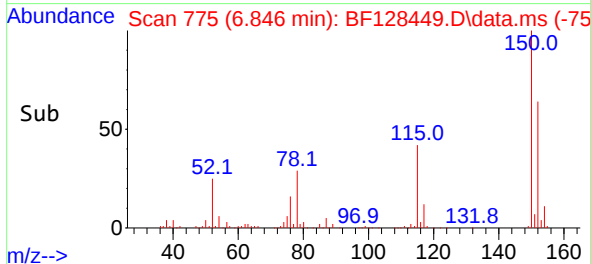
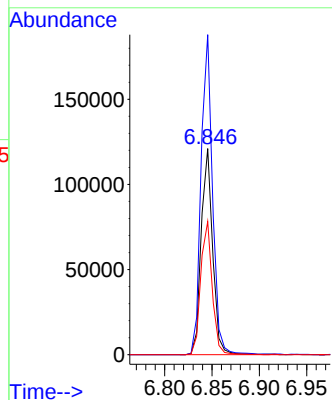
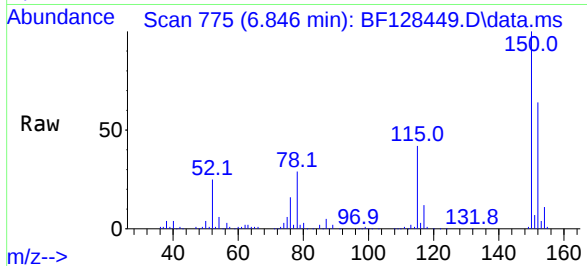




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.846 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

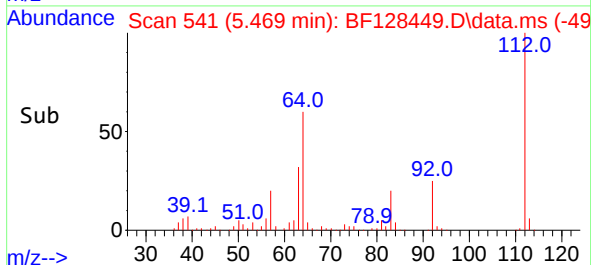
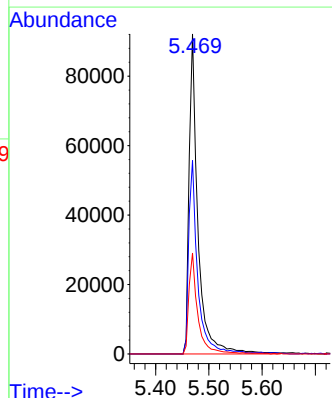
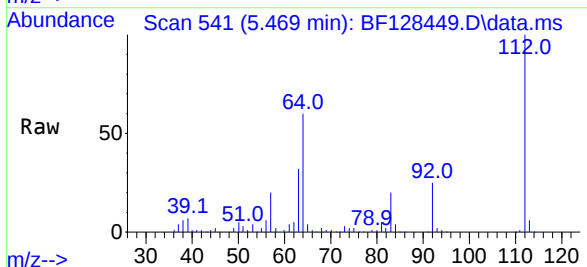
Instrument :  
BNA\_F  
ClientSampleId :  
P039-SS001-1218-01

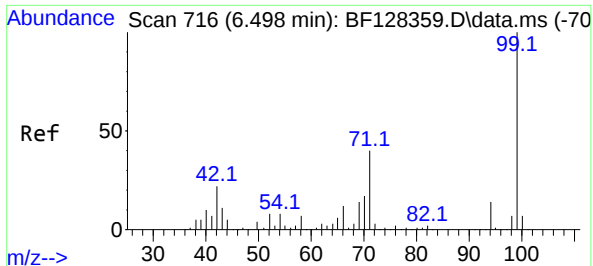
Tgt Ion:152 Resp: 101942  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.3 187.9  
115 64.6 48.8 73.2



#5  
2-Fluorophenol  
Concen: 16.609 ng  
RT: 5.469 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

Tgt Ion:112 Resp: 106393  
Ion Ratio Lower Upper  
112 100  
64 60.4 49.5 74.3  
63 31.6 26.3 39.5

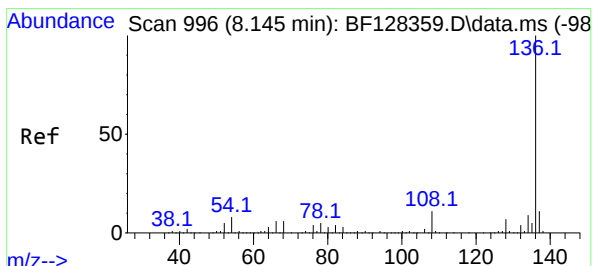
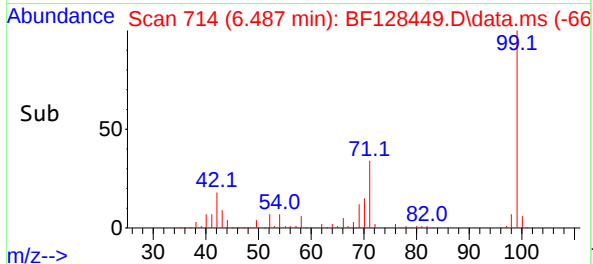
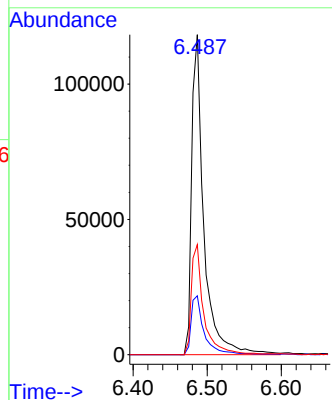
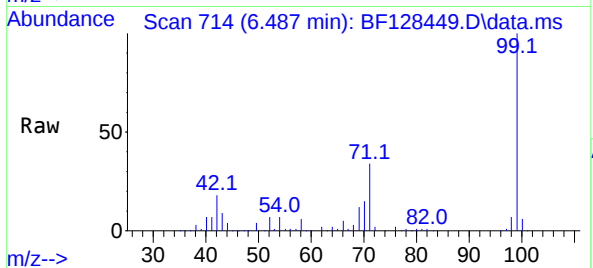




#7  
Phenol-d6  
Concen: 16.021 ng  
RT: 6.487 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

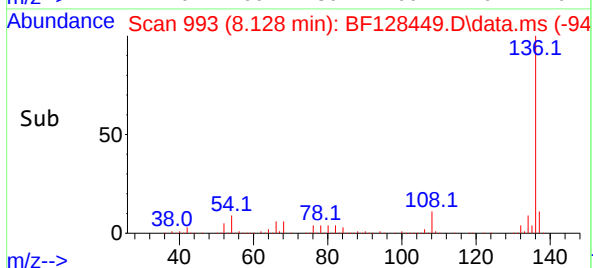
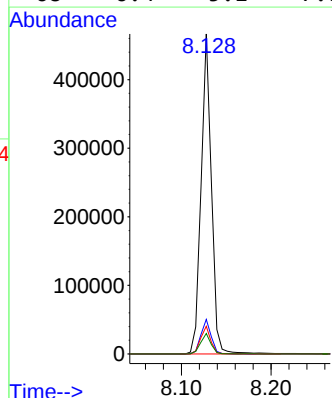
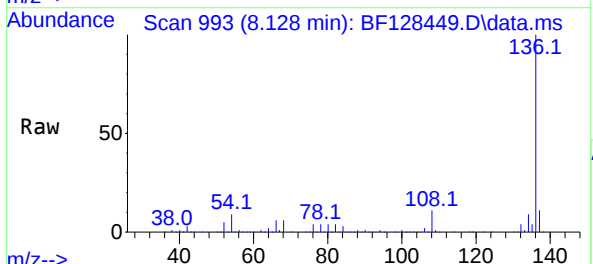
Instrument :  
BNA\_F  
ClientSampleId :  
P039-SS001-1218-01

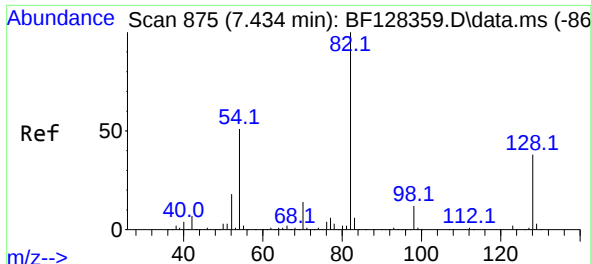
Tgt Ion: 99 Resp: 135140  
Ion Ratio Lower Upper  
99 100  
42 18.4 16.6 24.8  
71 34.4 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

Tgt Ion: 136 Resp: 372631  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.7 6.8 10.2  
68 6.4 5.1 7.7

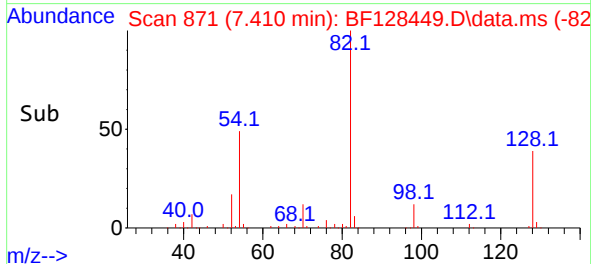
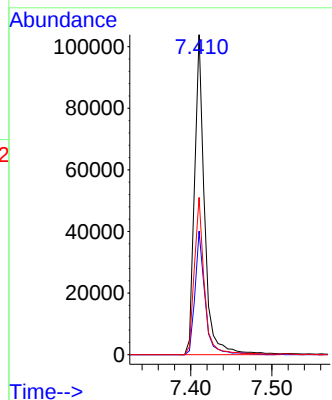
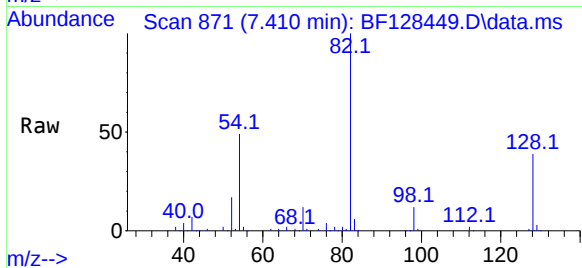




#23  
Nitrobenzene-d5  
Concen: 10.788 ng  
RT: 7.410 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

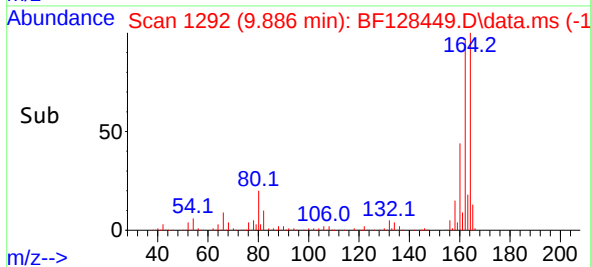
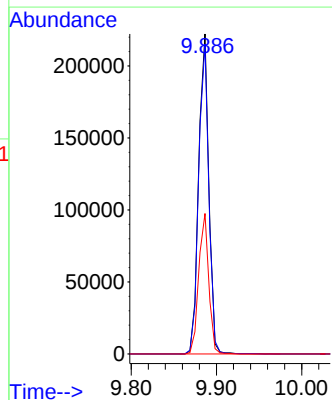
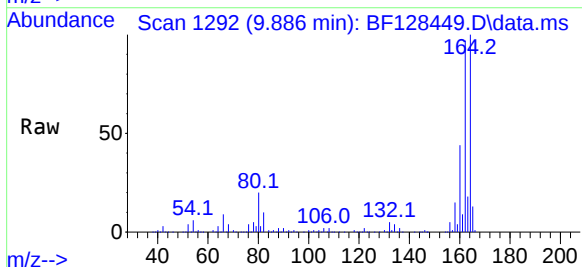
Instrument :  
BNA\_F  
ClientSampleId :  
P039-SS001-1218-01

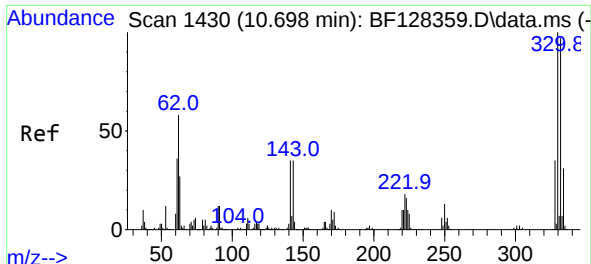
Tgt Ion: 82 Resp: 89723  
Ion Ratio Lower Upper  
82 100  
128 38.6 30.0 45.0  
54 49.2 41.3 61.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. 0.000 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

Tgt Ion:164 Resp: 184268  
Ion Ratio Lower Upper  
164 100  
162 96.8 76.0 114.0  
160 43.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 11.940 ng

RT: 10.681 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128449.D

Acq: 24 May 2022 22:08

Instrument :

BNA\_F

ClientSampleId :

P039-SS001-1218-01

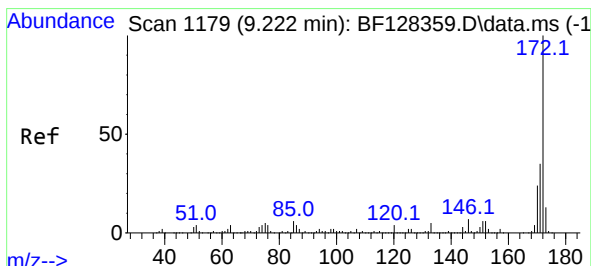
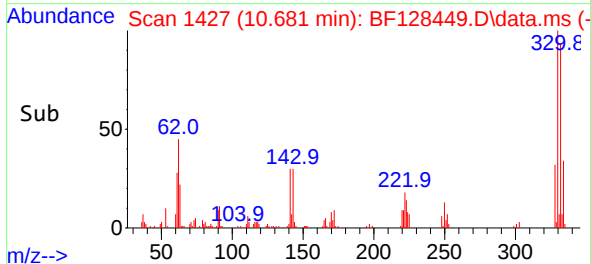
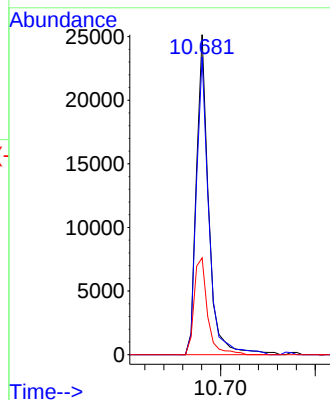
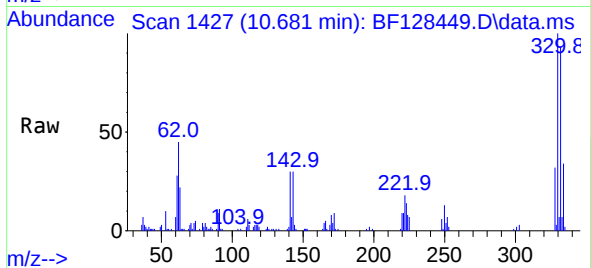
Tgt Ion:330 Resp: 22690

Ion Ratio Lower Upper

330 100

332 94.6 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 13.714 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128449.D

Acq: 24 May 2022 22:08

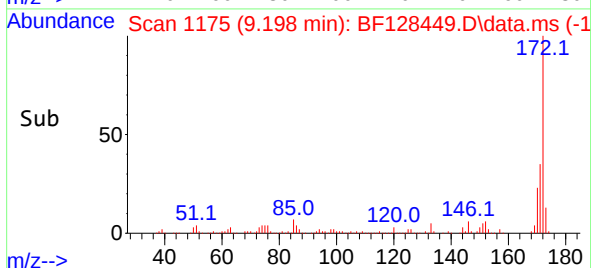
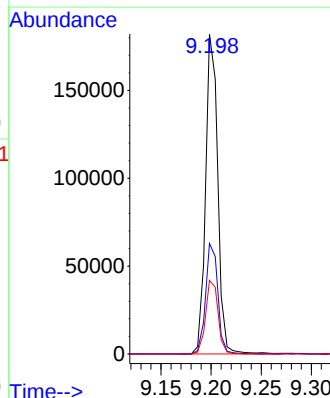
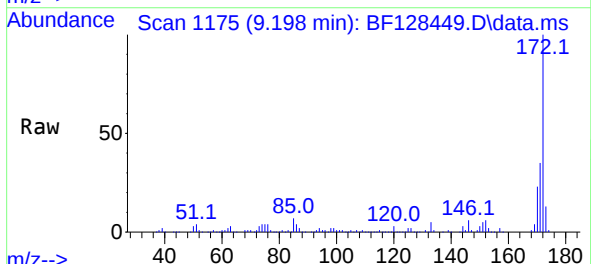
Tgt Ion:172 Resp: 154531

Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.0 19.1 28.7

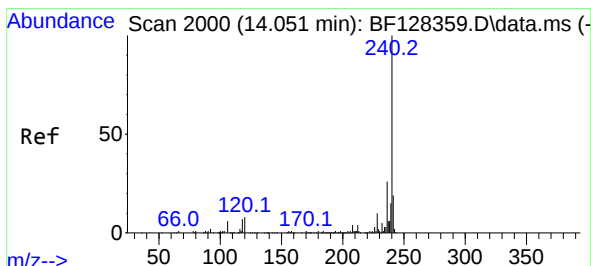
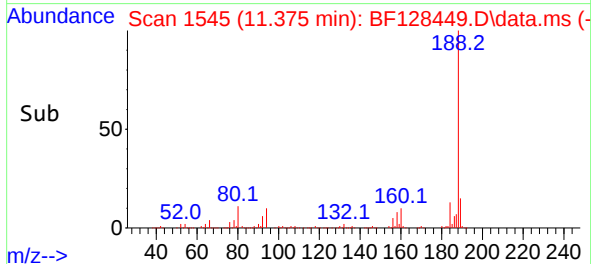
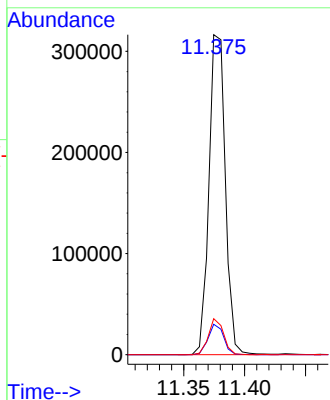
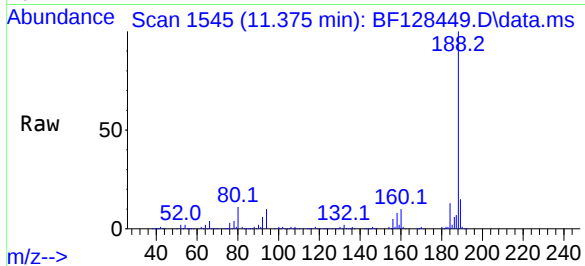




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

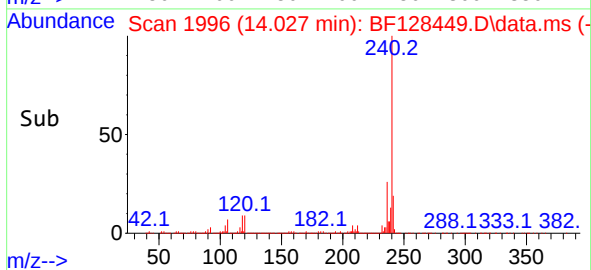
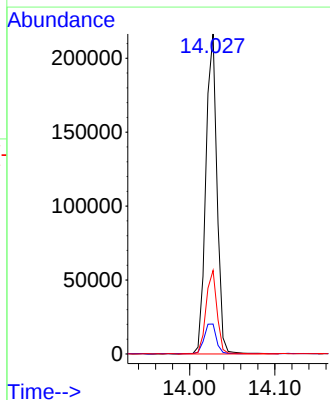
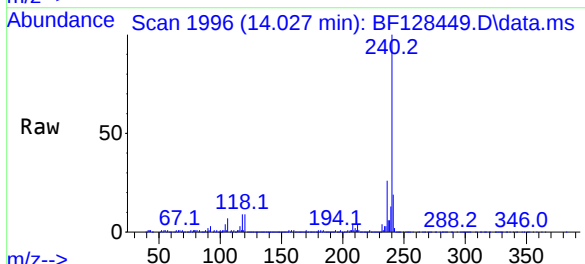
Instrument :  
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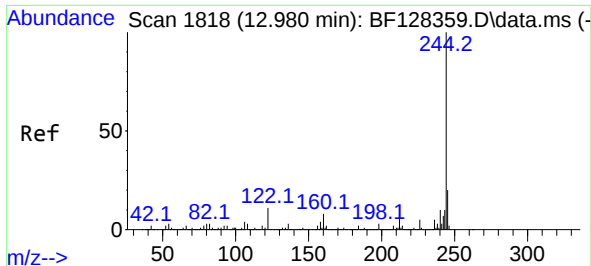
Tgt Ion:188 Resp: 296105  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.0 12.0  
80 11.3 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 1996  
Delta R.T. -0.006 min  
Lab File: BF128449.D  
Acq: 24 May 2022 22:08

Tgt Ion:240 Resp: 196545  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.0 10.6  
236 26.1 20.3 30.5

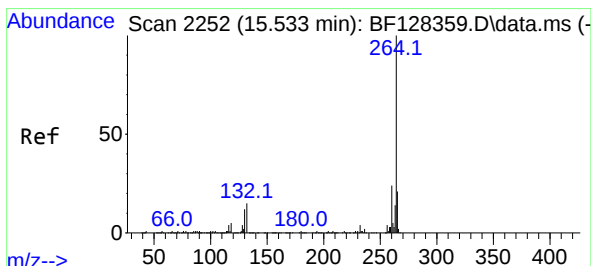
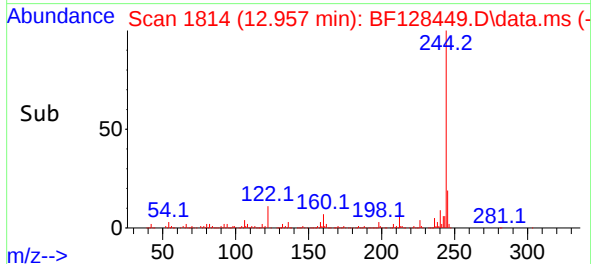
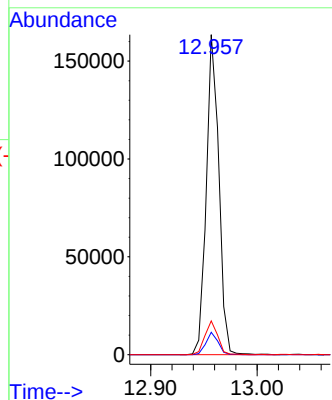
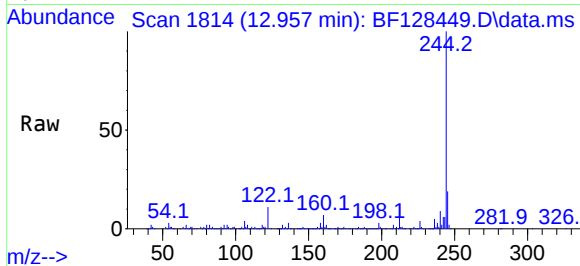




#79  
 Terphenyl-d14  
 Concen: 13.178 ng  
 RT: 12.957 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF128449.D  
 Acq: 24 May 2022 22:08

Instrument :  
 BNA\_F  
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 P039-SS001-1218-01

Tgt Ion:244 Resp: 134174  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.2 9.4  
 122 10.5 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2248  
 Delta R.T. 0.000 min  
 Lab File: BF128449.D  
 Acq: 24 May 2022 22:08

Tgt Ion:264 Resp: 145487  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 20.1 30.1  
 265 20.5 17.5 26.3

