

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122322\  
 Data File : BF131802.D  
 Acq On : 23 Dec 2022 11:38  
 Operator : CG\JU  
 Sample : PB149851BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149851BL

Quant Time: Dec 24 03:02:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 00:05:44 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.846  | 152  | 98546    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.140  | 136  | 374464   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 235531   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 467003   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.063 | 240  | 364823   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.563 | 264  | 276864   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 789080   | 134.833 | ng    | 0.02     |
| 7) Phenol-d6                | 6.487  | 99   | 1014828  | 128.834 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 735131   | 79.697  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 352804   | 136.853 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 1349248  | 80.247  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 1882327  | 80.413  | ng    | 0.00     |

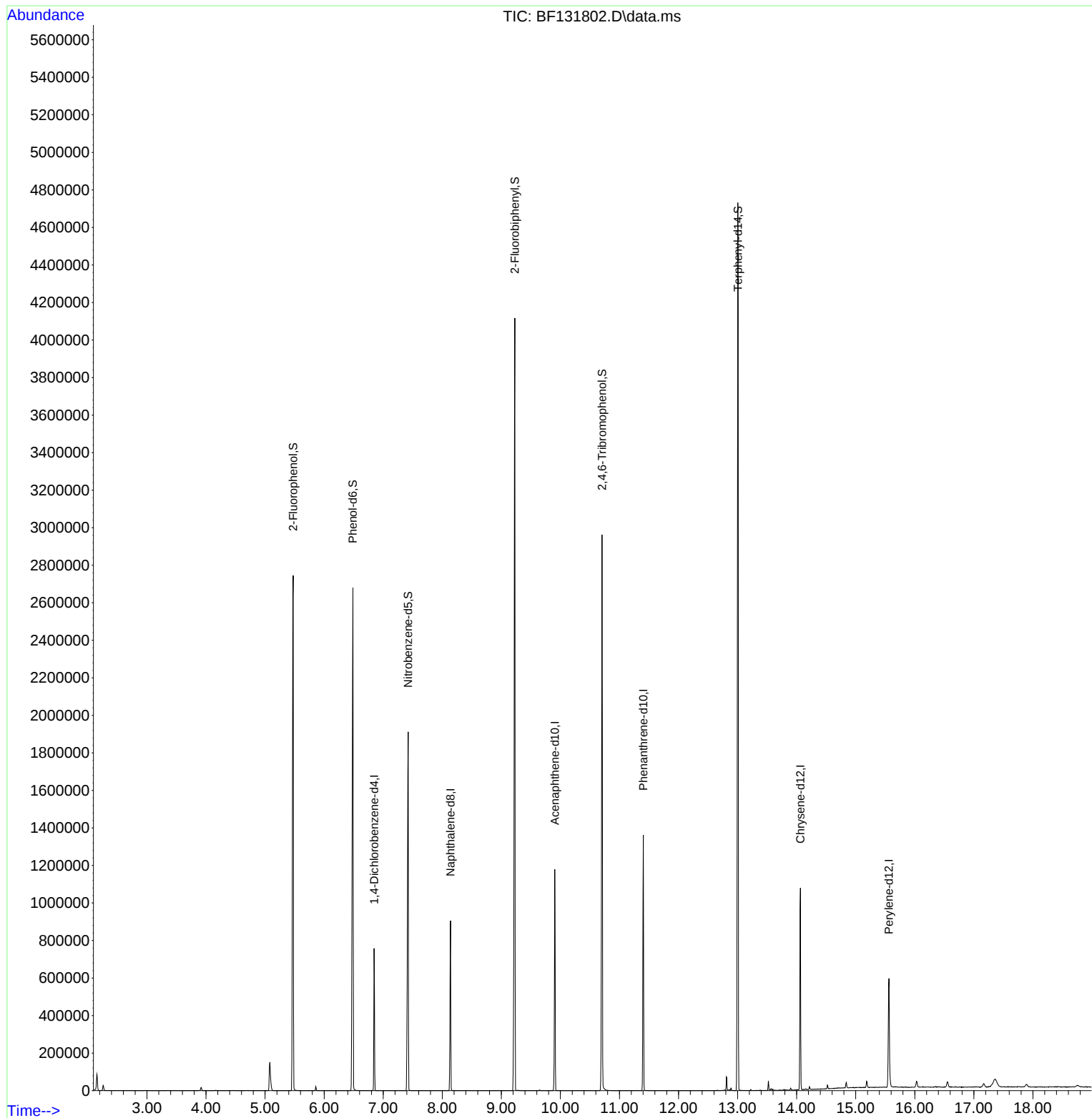
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

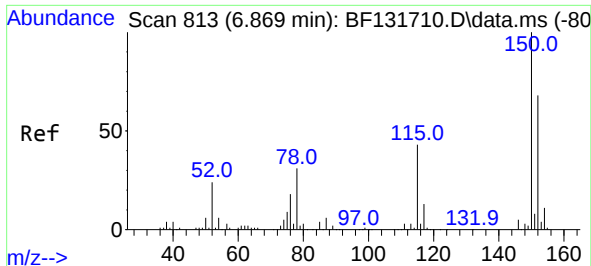
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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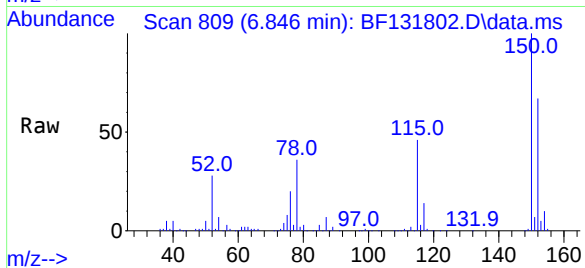
Quant Time: Dec 24 03:02:21 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 24 00:05:44 2022  
Response via : Initial Calibration



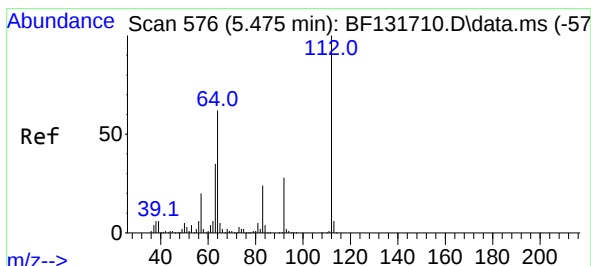
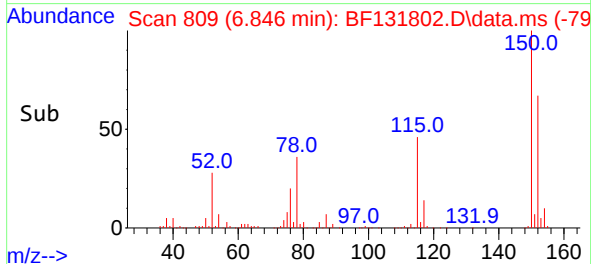
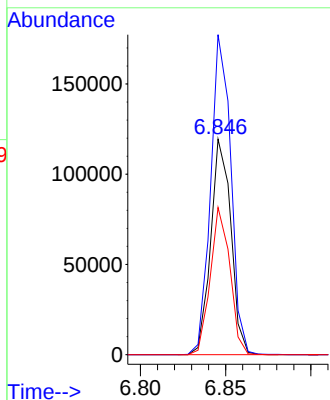


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.846 min Scan# 809  
Delta R.T. -0.005 min  
Lab File: BF131802.D  
Acq: 23 Dec 2022 11:38

Instrument :  
BNA\_F  
ClientSampleId :  
PB149851BL

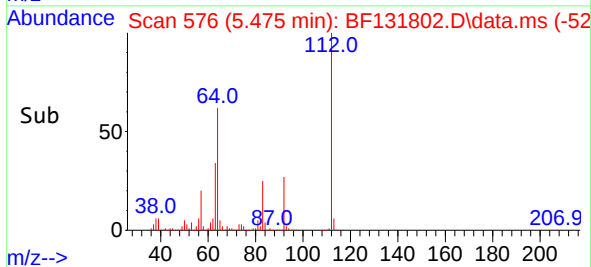
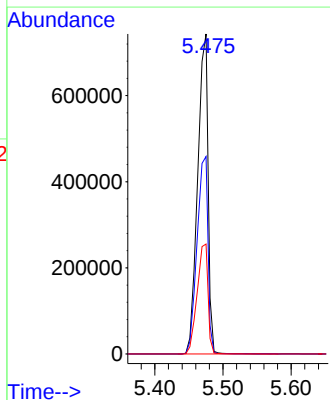
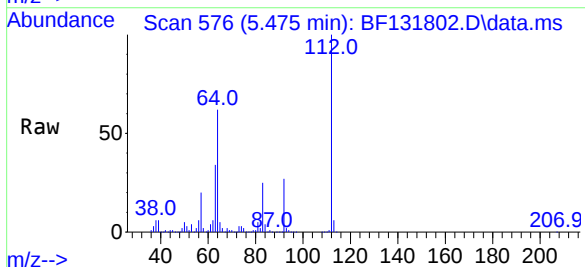


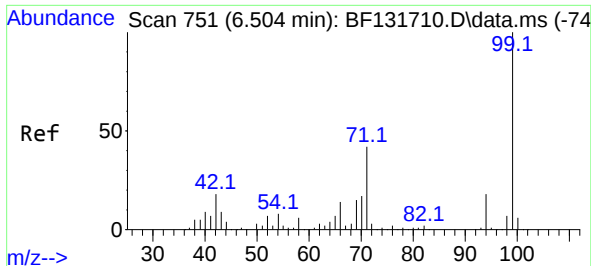
Tgt Ion:152 Resp: 98546  
Ion Ratio Lower Upper  
152 100  
150 148.5 117.4 176.0  
115 68.3 50.2 75.4



#5  
2-Fluorophenol  
Concen: 134.833 ng  
RT: 5.475 min Scan# 576  
Delta R.T. 0.018 min  
Lab File: BF131802.D  
Acq: 23 Dec 2022 11:38

Tgt Ion:112 Resp: 789080  
Ion Ratio Lower Upper  
112 100  
64 61.7 49.5 74.3  
63 34.4 28.2 42.2

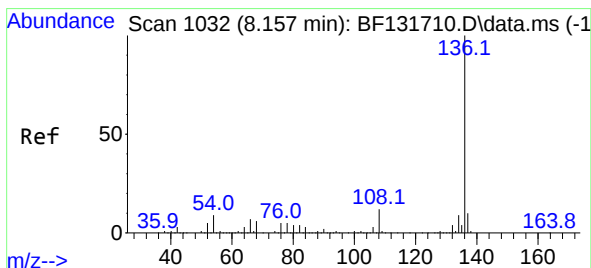
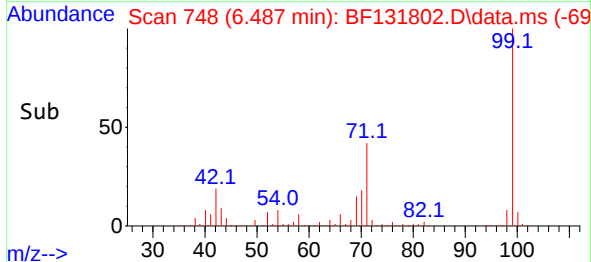
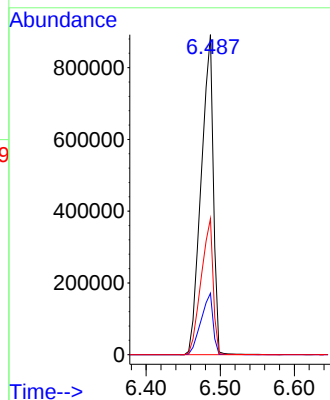
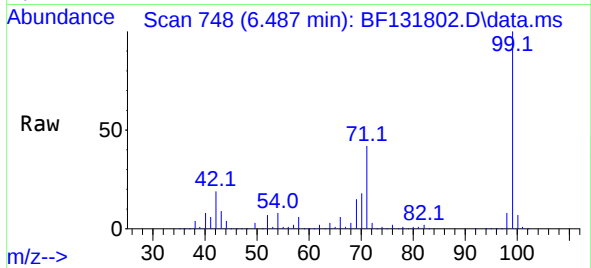




#7  
Phenol-d6  
Concen: 128.834 ng  
RT: 6.487 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF131802.D  
Acq: 23 Dec 2022 11:38

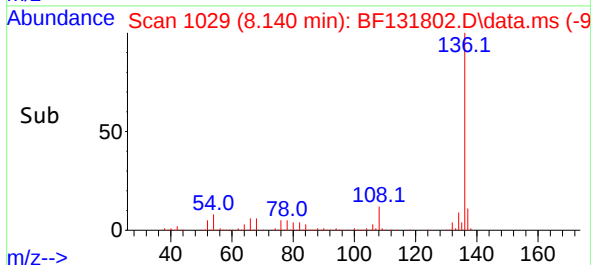
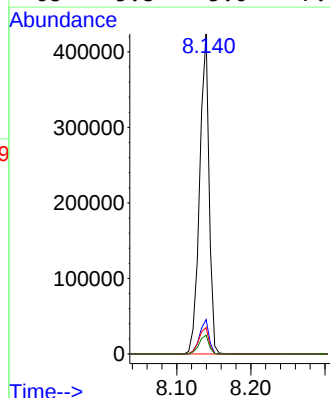
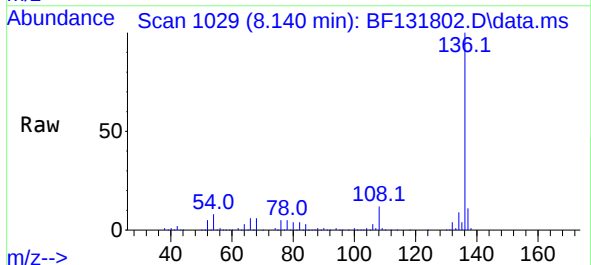
Instrument :  
BNA\_F  
ClientSampleId :  
PB149851BL

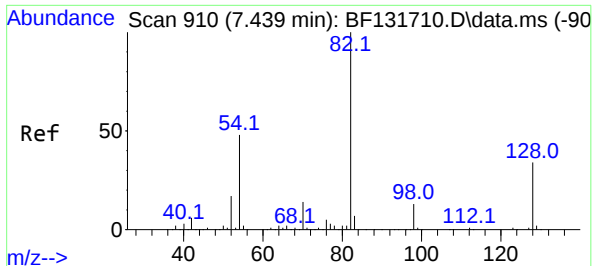
Tgt Ion: 99 Resp: 1014828  
Ion Ratio Lower Upper  
99 100  
42 19.2 14.8 22.2  
71 42.5 33.8 50.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.140 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF131802.D  
Acq: 23 Dec 2022 11:38

Tgt Ion: 136 Resp: 374464  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.4 12.6  
54 8.2 7.2 10.8  
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 79.697 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

Instrument :

BNA\_F

ClientSampleId :

PB149851BL

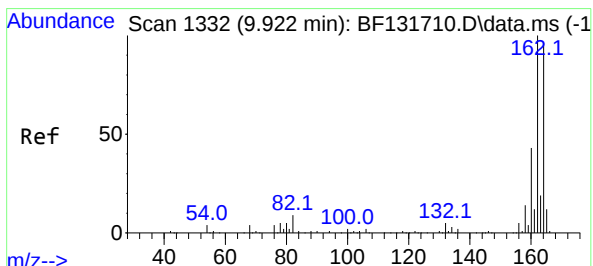
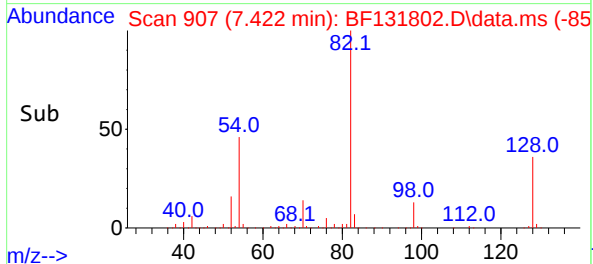
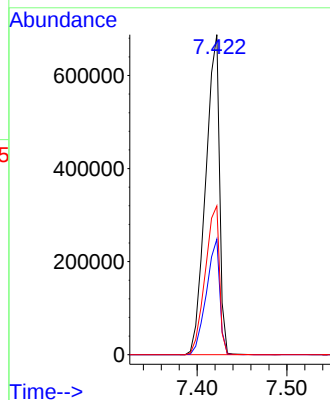
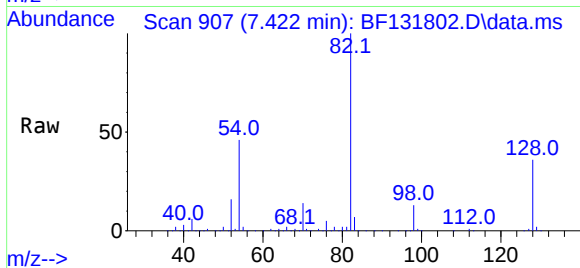
Tgt Ion: 82 Resp: 735131

Ion Ratio Lower Upper

82 100

128 36.1 27.3 40.9

54 46.5 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

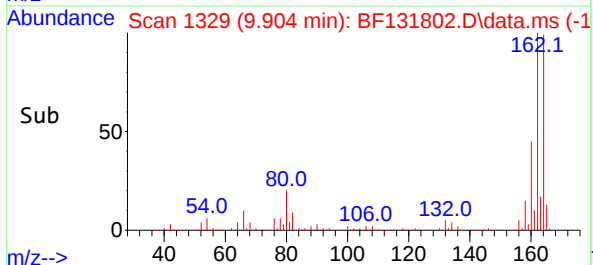
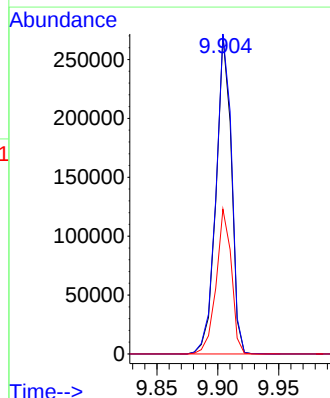
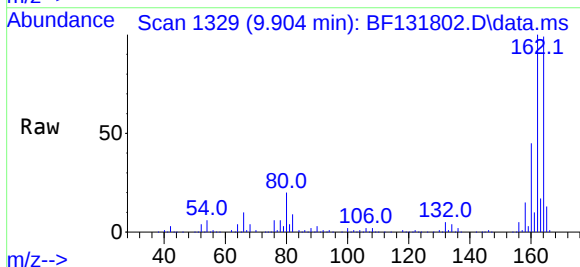
Tgt Ion:164 Resp: 235531

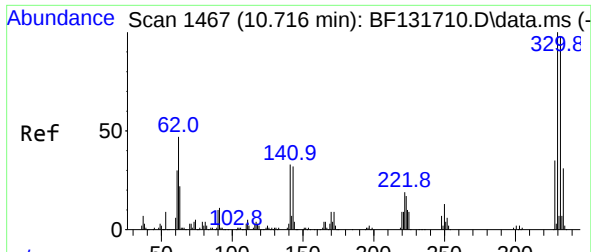
Ion Ratio Lower Upper

164 100

162 100.6 83.7 125.5

160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 136.853 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF131802.D

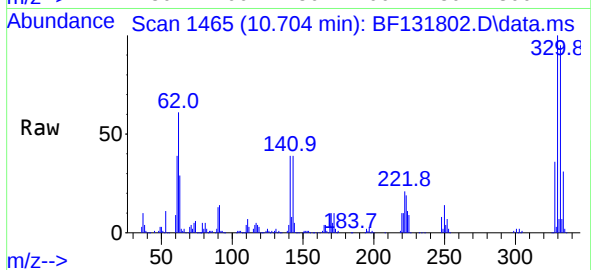
Acq: 23 Dec 2022 11:38

Instrument :

BNA\_F

ClientSampleId :

PB149851BL



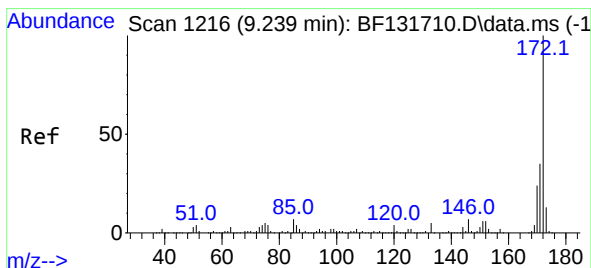
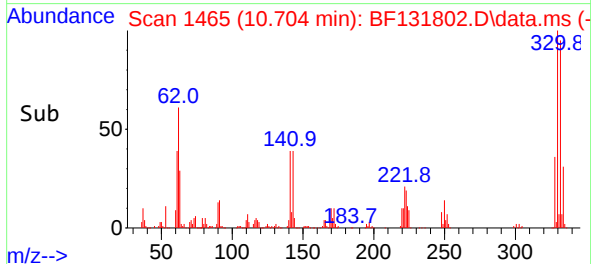
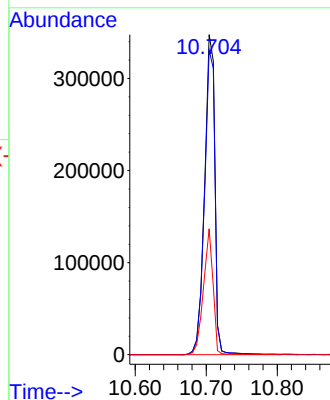
Tgt Ion:330 Resp: 352804

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 36.9 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 80.247 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF131802.D

Acq: 23 Dec 2022 11:38

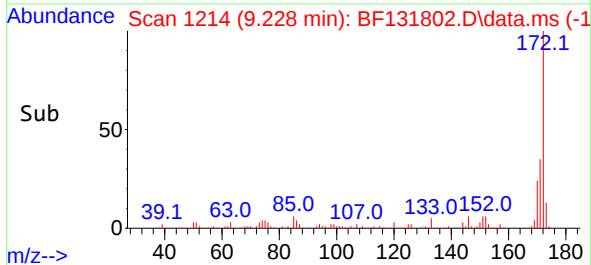
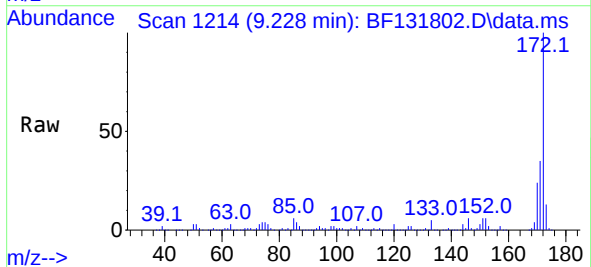
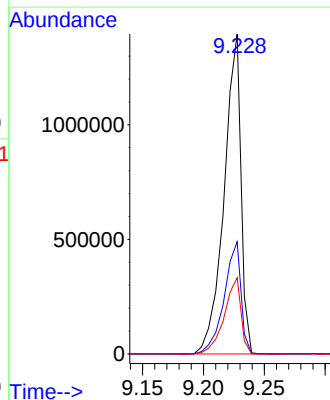
Tgt Ion:172 Resp: 1349248

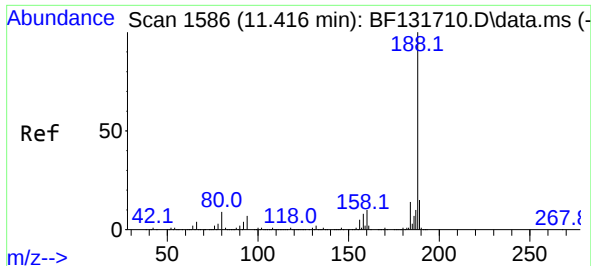
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.8 19.0 28.4

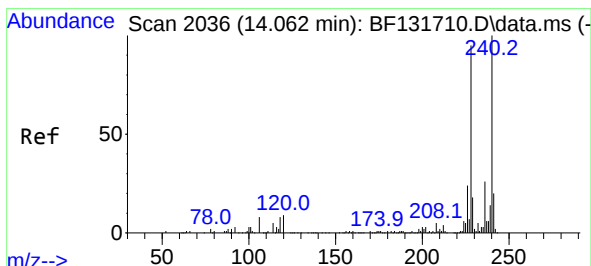
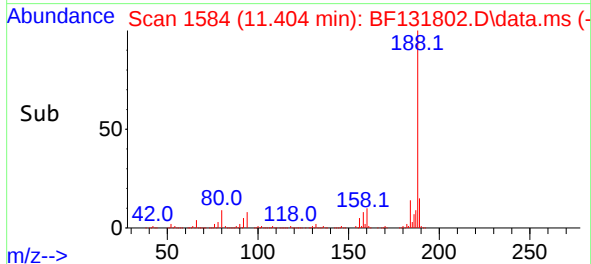
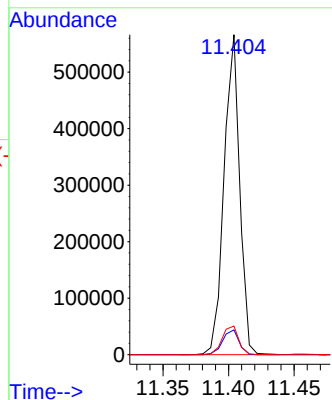
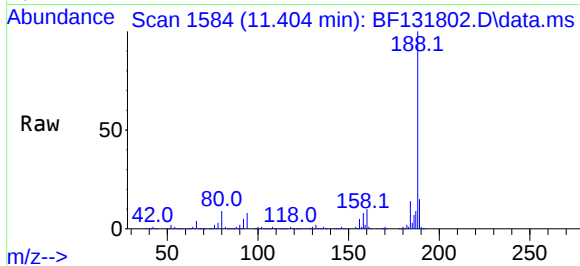




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131802.D  
Acq: 23 Dec 2022 11:38

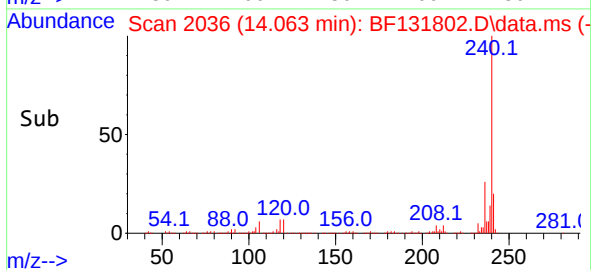
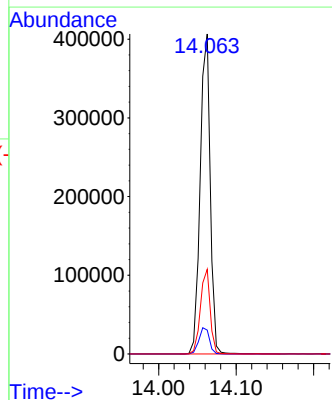
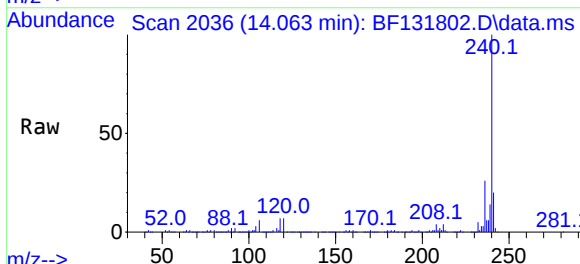
Instrument :  
BNA\_F  
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PB149851BL

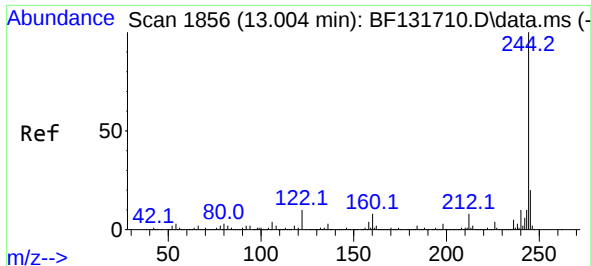
Tgt Ion:188 Resp: 467003  
Ion Ratio Lower Upper  
188 100  
94 7.8 5.9 8.9  
80 9.0 7.0 10.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. -0.006 min  
Lab File: BF131802.D  
Acq: 23 Dec 2022 11:38

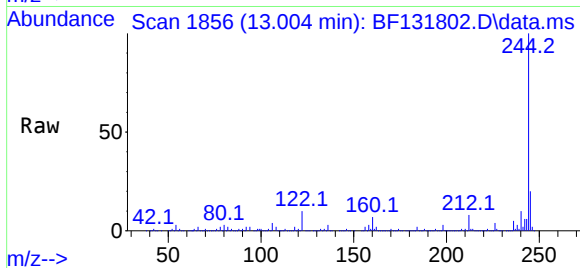
Tgt Ion:240 Resp: 364823  
Ion Ratio Lower Upper  
240 100  
120 7.5 7.6 11.4#  
236 26.5 21.2 31.8





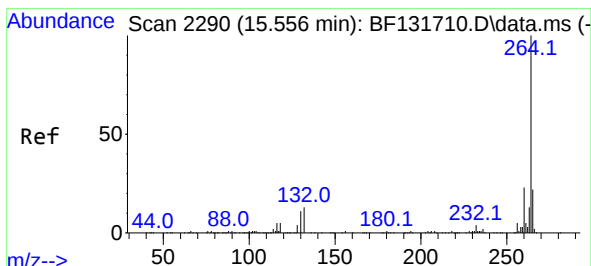
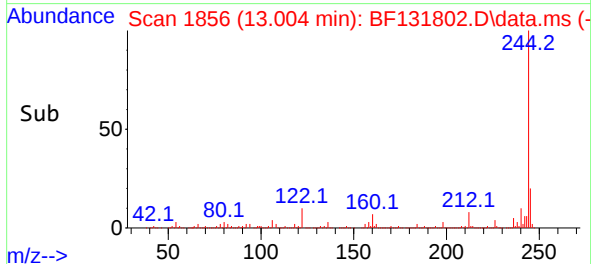
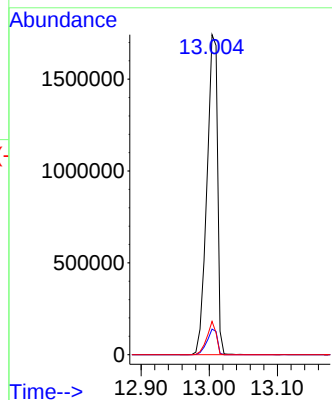
#79  
 Terphenyl-d14  
 Concen: 80.413 ng  
 RT: 13.004 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF131802.D  
 Acq: 23 Dec 2022 11:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149851BL



Tgt Ion:244 Resp: 1882327  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.0   | 6.5   | 9.7   |
| 122 | 10.4  | 7.7   | 11.5  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 2291  
 Delta R.T. 0.000 min  
 Lab File: BF131802.D  
 Acq: 23 Dec 2022 11:38

Tgt Ion:264 Resp: 276864  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 18.6  | 28.0  |
| 265 | 21.8  | 17.4  | 26.2  |

