

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051723\  
 Data File : BF133420.D  
 Acq On : 17 May 2023 18:49  
 Operator : CG\JU  
 Sample : 02812-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WG-0516-B5-0-10

Quant Time: May 18 04:04:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 16 14:39:29 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.710  | 152  | 220752   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.998  | 136  | 895666   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.751  | 164  | 463760   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.233 | 188  | 815182   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.869 | 240  | 399360   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.292 | 264  | 509674   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.334  | 112  | 1585430  | 108.491 | ng    | 0.00     |
| 7) Phenol-d6                | 6.363  | 99   | 1924983  | 106.128 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.281  | 82   | 1175052  | 70.814  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.539 | 330  | 482368   | 103.424 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.075  | 172  | 1960855  | 70.737  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.822 | 244  | 1842644  | 79.576  | ng    | -0.01    |

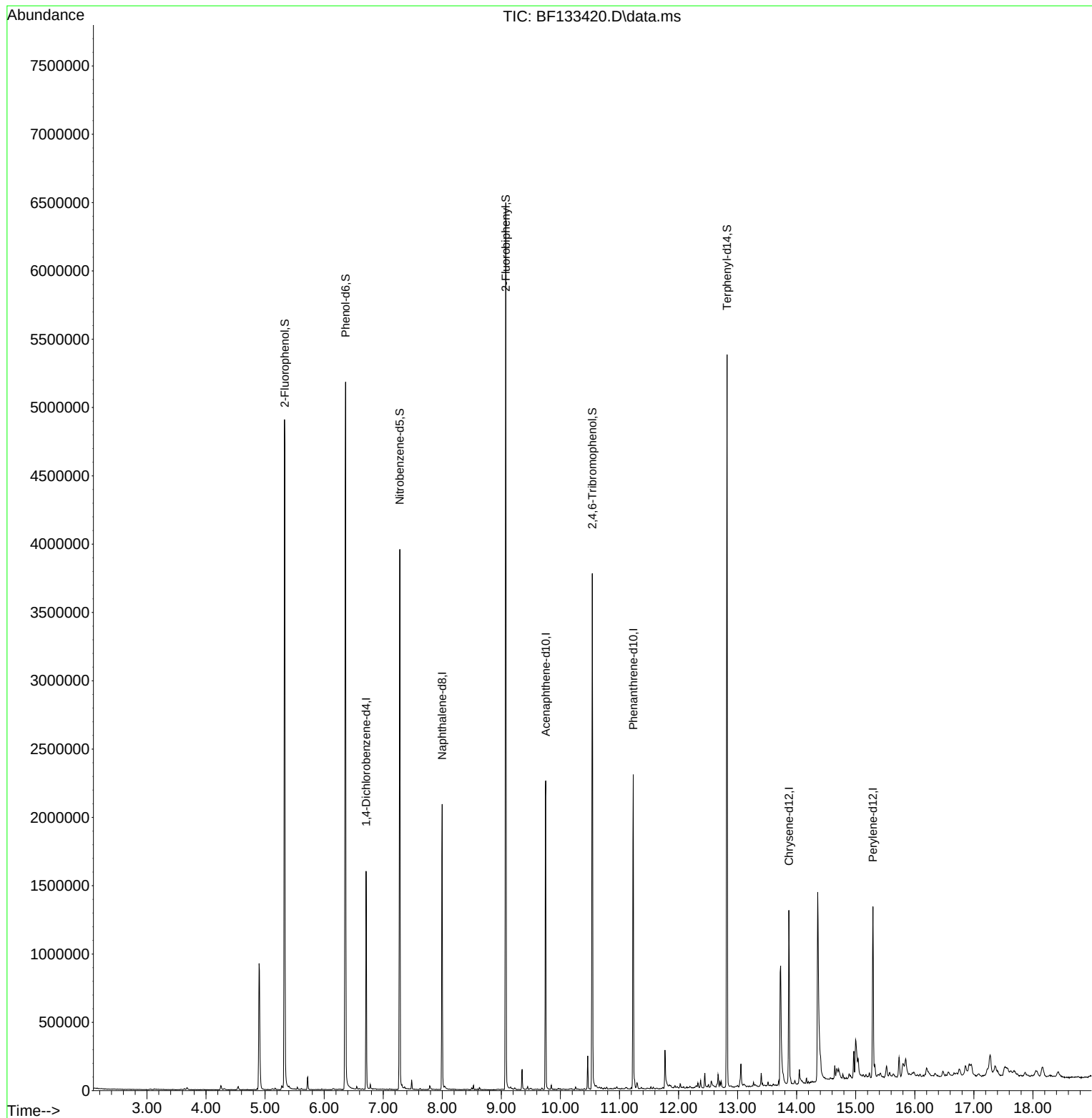
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

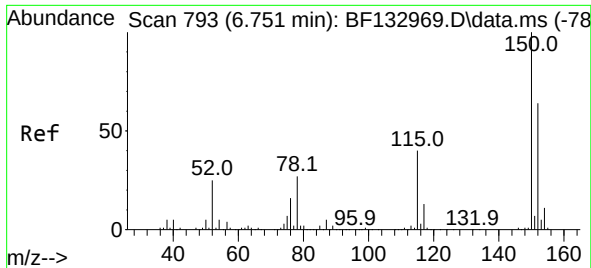
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051723\  
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ALS Vial : 13 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
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QLast Update : Tue May 16 14:39:29 2023  
Response via : Initial Calibration

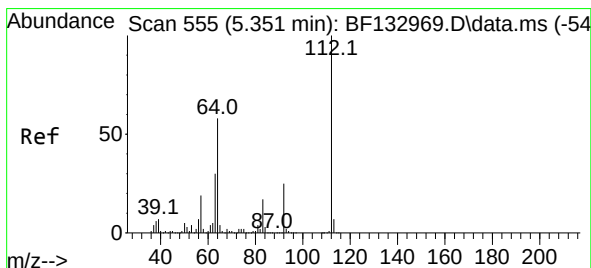
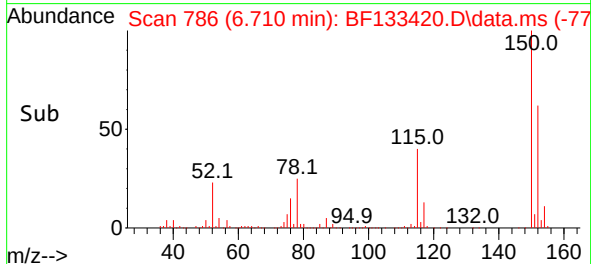
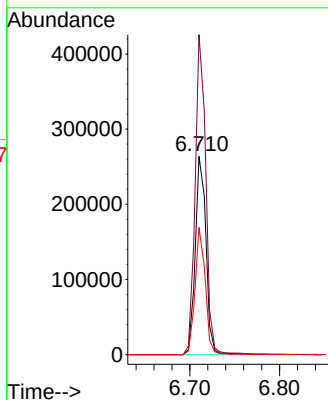
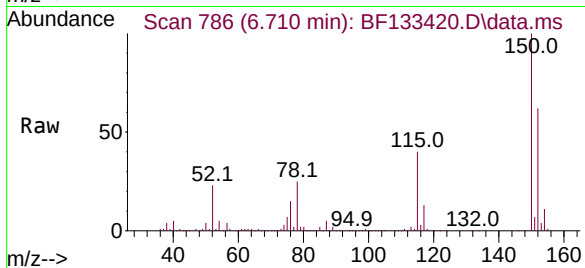




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.710 min Scan# 793  
 Delta R.T. -0.012 min  
 Lab File: BF133420.D  
 Acq: 17 May 2023 18:49

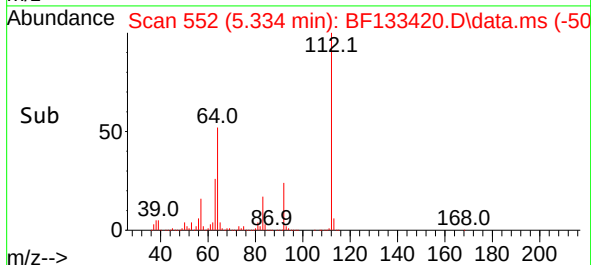
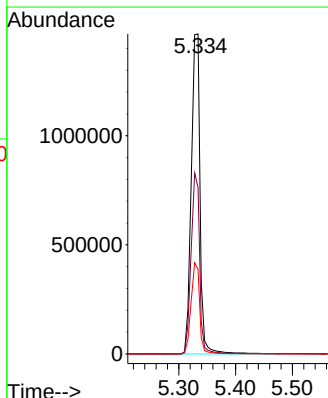
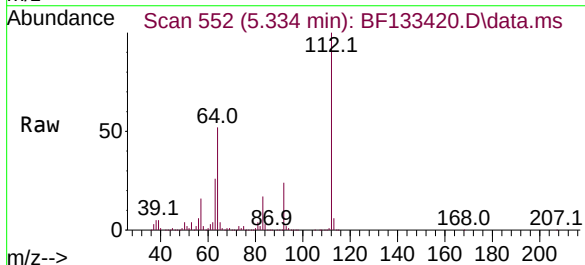
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WG-0516-B5-0-10

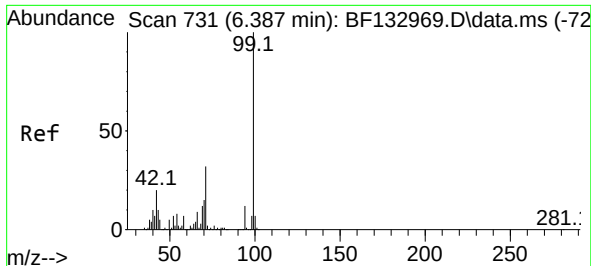
Tgt Ion:152 Resp: 220752  
 Ion Ratio Lower Upper  
 152 100  
 150 161.3 124.8 187.2  
 115 64.1 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 108.491 ng  
 RT: 5.334 min Scan# 552  
 Delta R.T. 0.000 min  
 Lab File: BF133420.D  
 Acq: 17 May 2023 18:49

Tgt Ion:112 Resp: 1585430  
 Ion Ratio Lower Upper  
 112 100  
 64 52.1 46.8 70.2  
 63 26.4 23.8 35.8

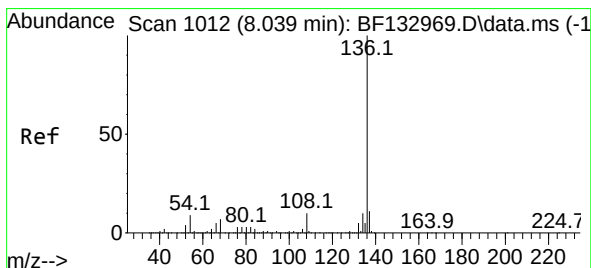
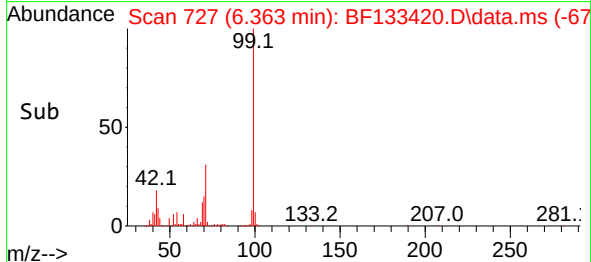
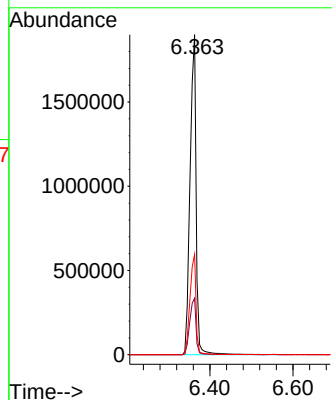
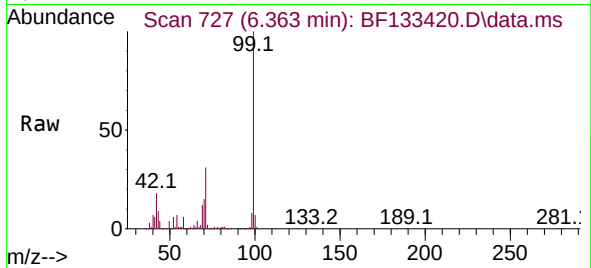




#7  
Phenol-d6  
Concen: 106.128 ng  
RT: 6.363 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF133420.D  
Acq: 17 May 2023 18:49

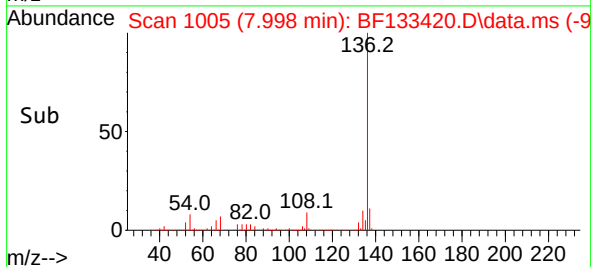
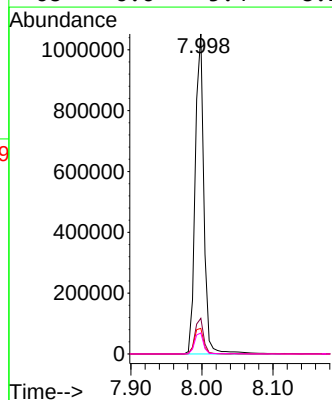
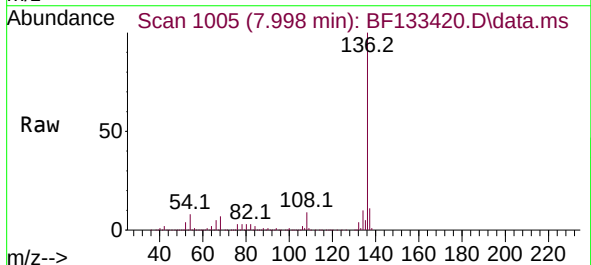
Instrument :  
BNA\_F  
ClientSampleId :  
WG-0516-B5-0-10

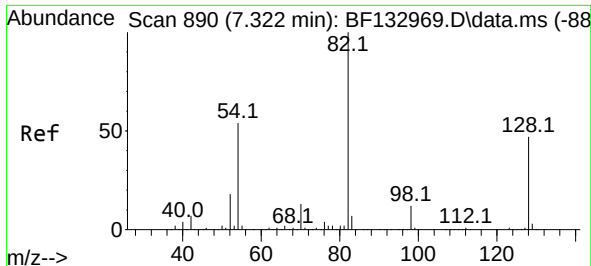
Tgt Ion: 99 Resp: 1924983  
Ion Ratio Lower Upper  
99 100  
42 17.7 16.3 24.5  
71 31.4 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BF133420.D  
Acq: 17 May 2023 18:49

Tgt Ion: 136 Resp: 895666  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.0 7.0 10.4  
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 70.814 ng

RT: 7.281 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF133420.D

Acq: 17 May 2023 18:49

Instrument :

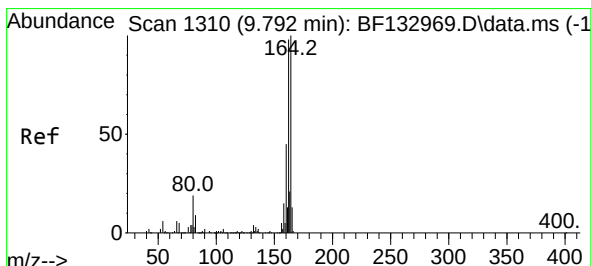
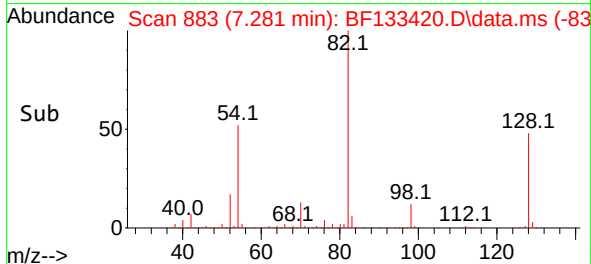
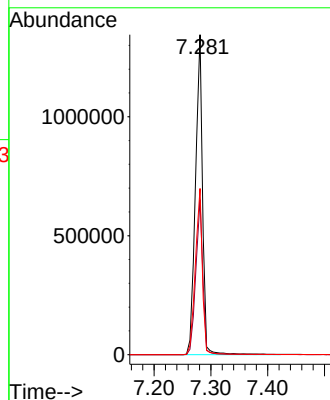
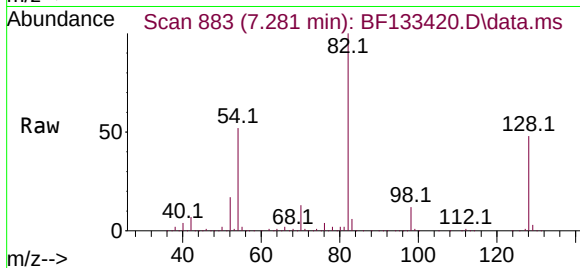
BNA\_F

ClientSampleId :

WG-0516-B5-0-10

Tgt Ion: 82 Resp: 1175052

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.5  | 37.7  | 56.5  |
| 54  | 51.9  | 43.0  | 64.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1303

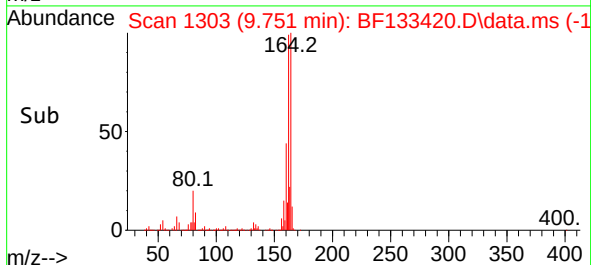
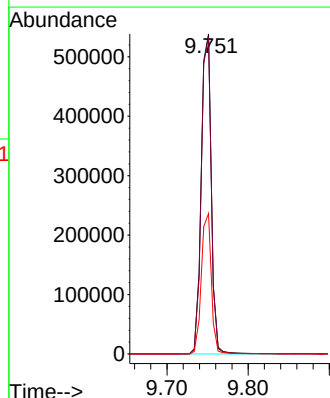
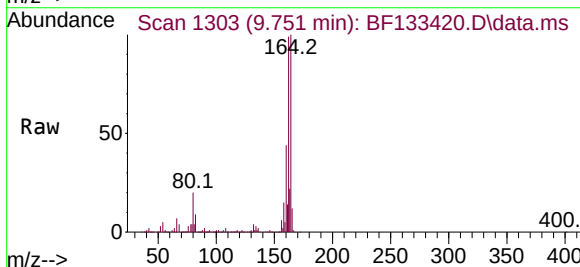
Delta R.T. -0.012 min

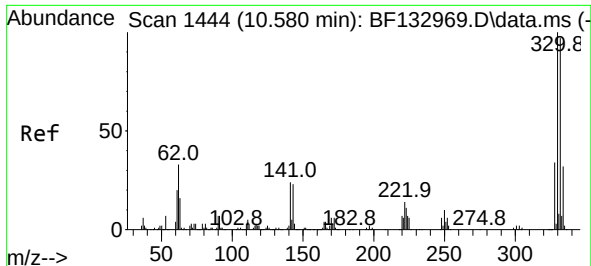
Lab File: BF133420.D

Acq: 17 May 2023 18:49

Tgt Ion:164 Resp: 463760

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.1  | 78.7  | 118.1 |
| 160 | 43.9  | 35.8  | 53.6  |





#42

2,4,6-Tribromophenol

Concen: 103.424 ng

RT: 10.539 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF133420.D

Acq: 17 May 2023 18:49

Instrument :

BNA\_F

ClientSampleId :

WG-0516-B5-0-10

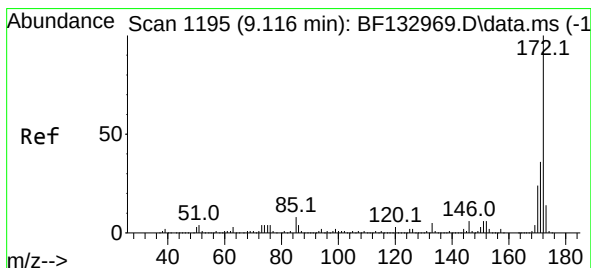
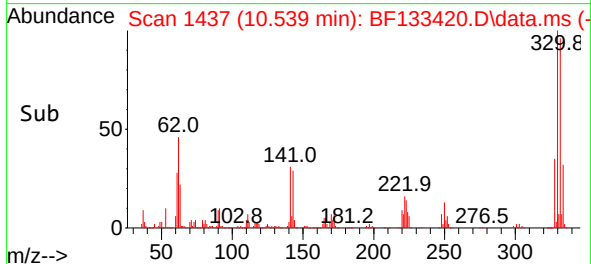
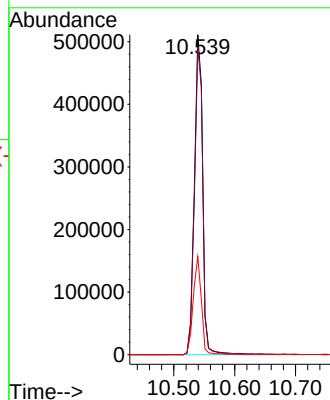
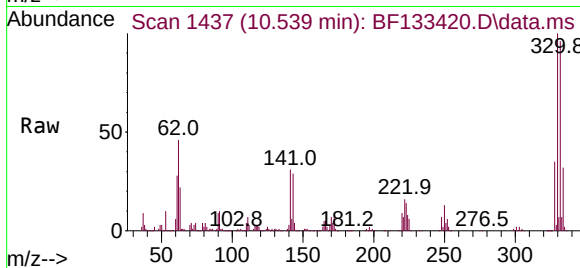
Tgt Ion:330 Resp: 482368

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 30.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.737 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF133420.D

Acq: 17 May 2023 18:49

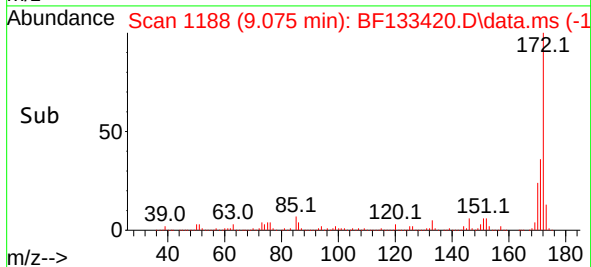
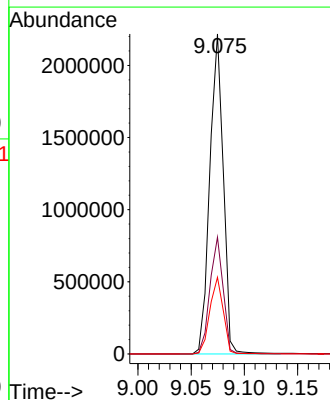
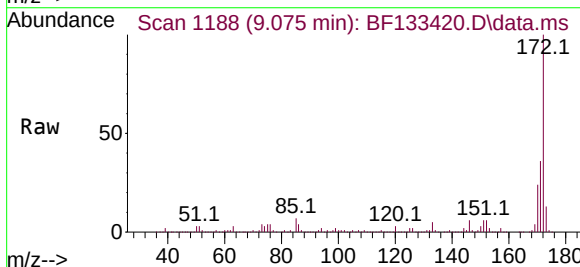
Tgt Ion:172 Resp: 1960855

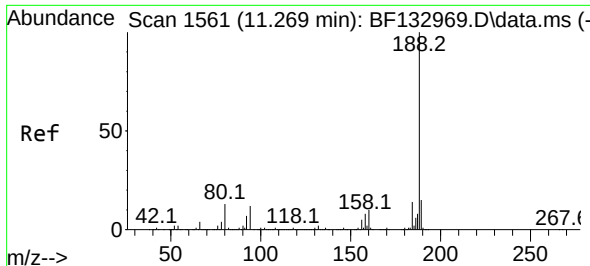
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.0 19.4 29.2

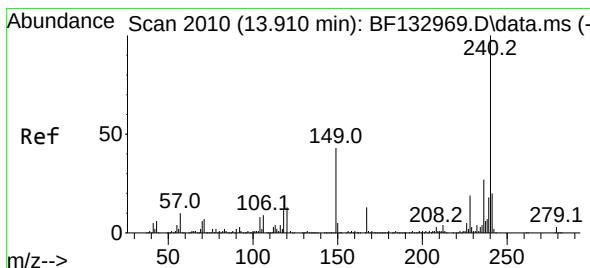
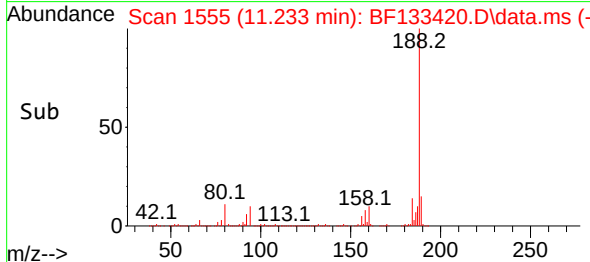
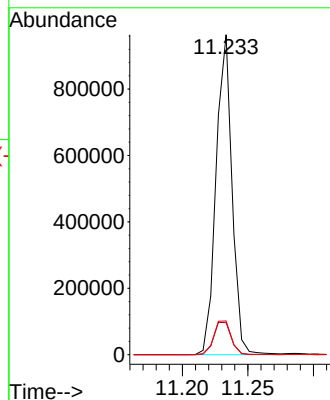
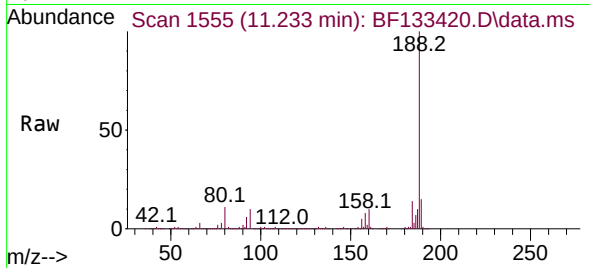




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.233 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF133420.D  
Acq: 17 May 2023 18:49

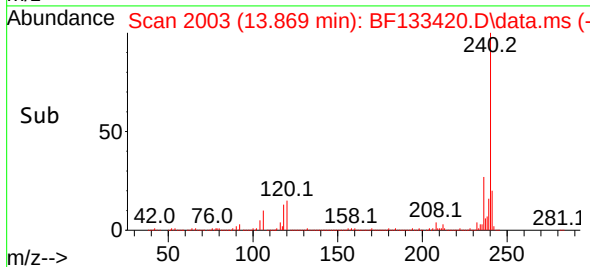
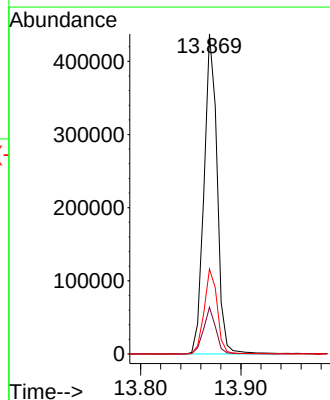
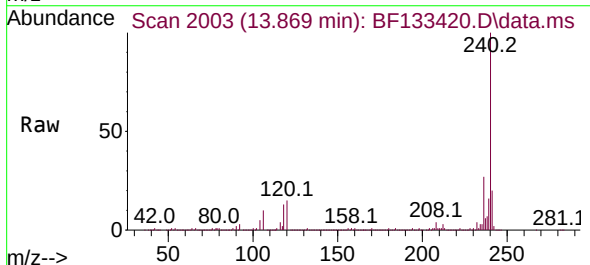
Instrument :  
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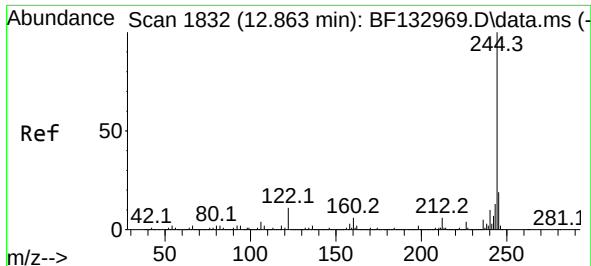
Tgt Ion:188 Resp: 815182  
Ion Ratio Lower Upper  
188 100  
94 10.0 9.7 14.5  
80 10.6 10.4 15.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.869 min Scan# 2003  
Delta R.T. -0.018 min  
Lab File: BF133420.D  
Acq: 17 May 2023 18:49

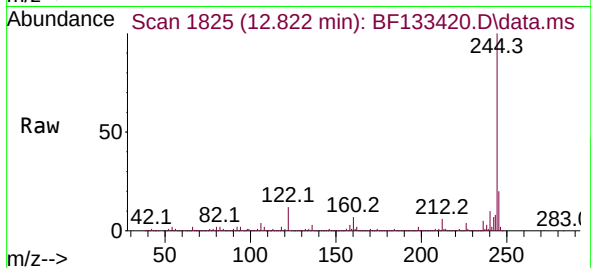
Tgt Ion:240 Resp: 399360  
Ion Ratio Lower Upper  
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120 14.6 10.5 15.7  
236 26.5 21.5 32.3



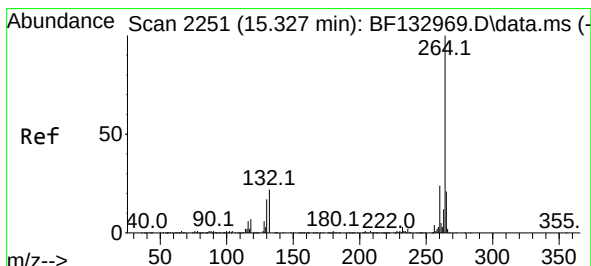
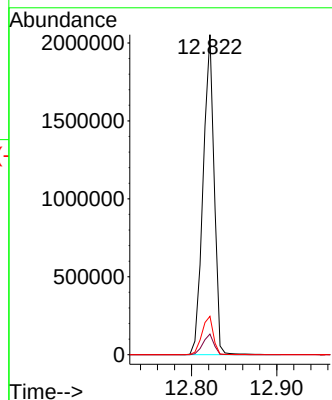
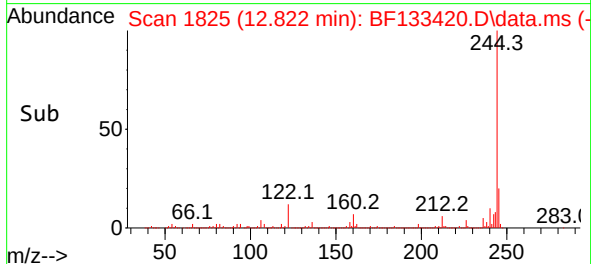


#79  
 Terphenyl-d14  
 Concen: 79.576 ng  
 RT: 12.822 min Scan# 1825  
 Delta R.T. -0.012 min  
 Lab File: BF133420.D  
 Acq: 17 May 2023 18:49

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WG-0516-B5-0-10



Tgt Ion:244 Resp: 1842644  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.1 7.7  
 122 12.0 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.292 min Scan# 2245  
 Delta R.T. -0.012 min  
 Lab File: BF133420.D  
 Acq: 17 May 2023 18:49

Tgt Ion:264 Resp: 509674  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.8 28.2  
 265 22.0 17.0 25.4

