

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060723\  
 Data File : BF133618.D  
 Acq On : 07 Jun 2023 10:58  
 Operator : CG\JU  
 Sample : PB153236BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153236BL

Quant Time: Jun 07 11:43:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 07 11:27:15 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 120732   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 463077   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.874  | 164  | 240269   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 499025   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 398257   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.474 | 264  | 403774   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.457  | 112  | 935182   | 129.238 | ng    | 0.01     |
| 7) Phenol-d6                | 6.463  | 99   | 1141563  | 128.154 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 748497   | 107.922 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 375909   | 156.953 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1359753  | 87.348  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.963 | 244  | 1768156  | 78.938  | ng    | 0.00     |

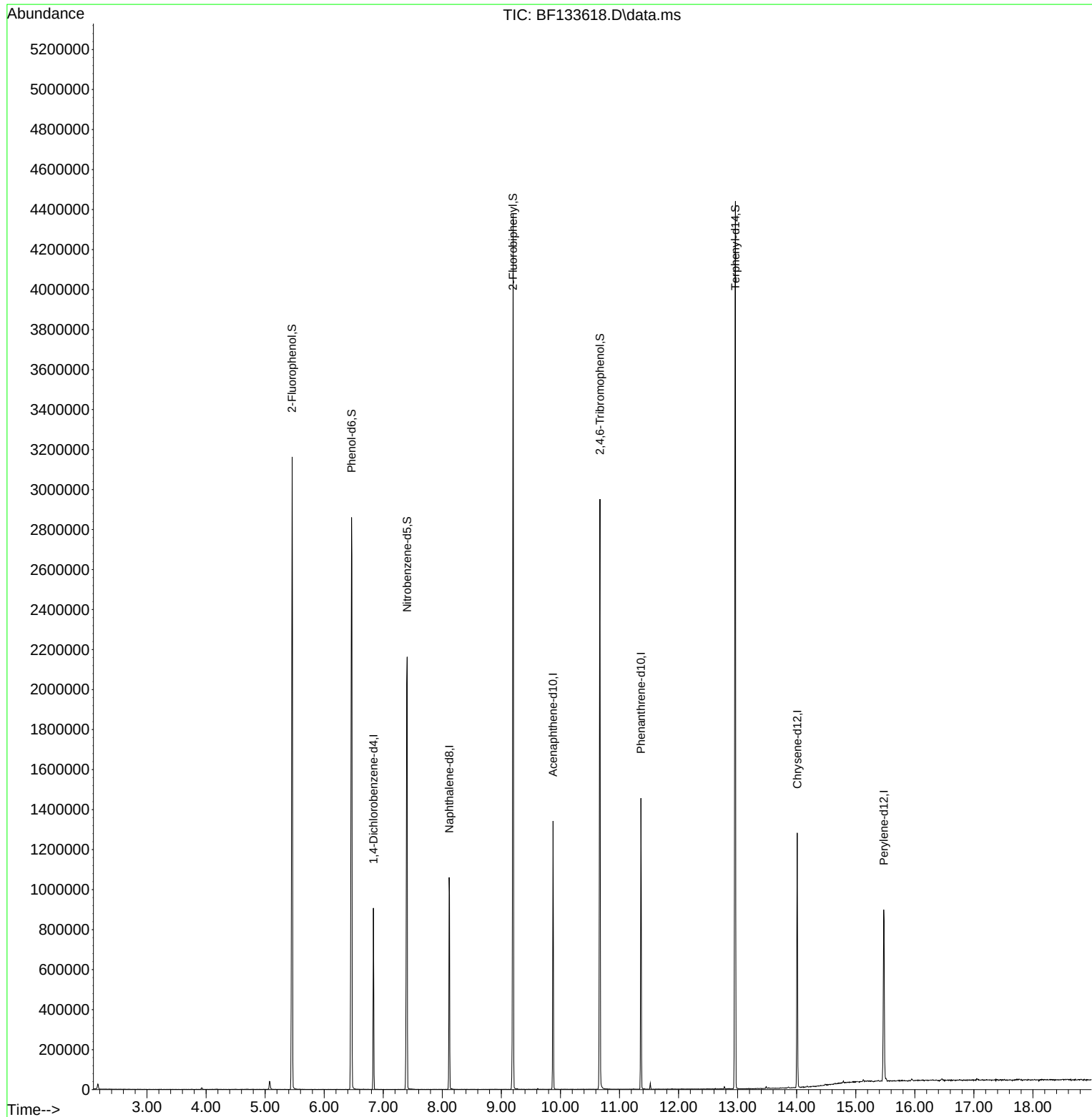
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

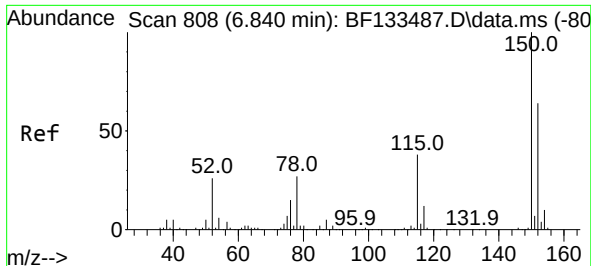
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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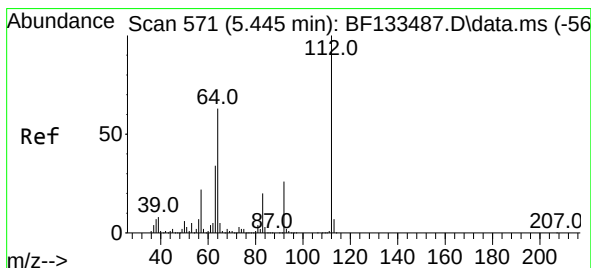
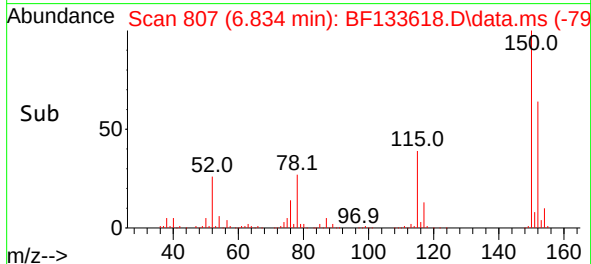
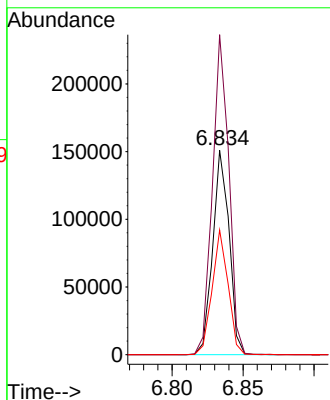
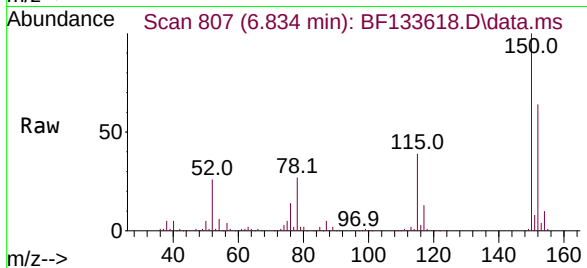




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 808  
Delta R.T. -0.005 min  
Lab File: BF133618.D  
Acq: 07 Jun 2023 10:58

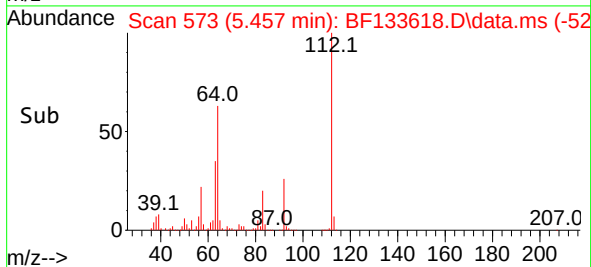
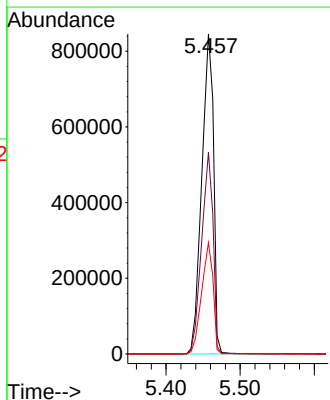
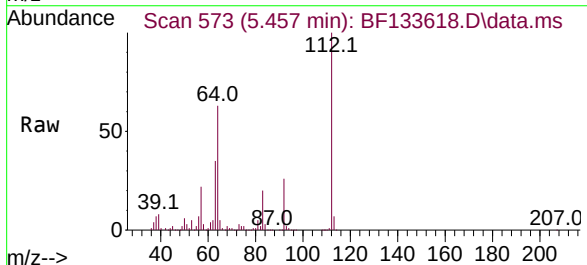
Instrument :  
BNA\_F  
ClientSampleId :  
PB153236BL

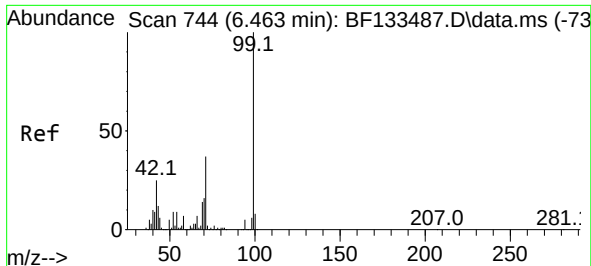
Tgt Ion:152 Resp: 120732  
Ion Ratio Lower Upper  
152 100  
150 156.6 124.9 187.3  
115 61.0 48.1 72.1



#5  
2-Fluorophenol  
Concen: 129.238 ng  
RT: 5.457 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: BF133618.D  
Acq: 07 Jun 2023 10:58

Tgt Ion:112 Resp: 935182  
Ion Ratio Lower Upper  
112 100  
64 63.1 50.1 75.1  
63 34.8 27.5 41.3

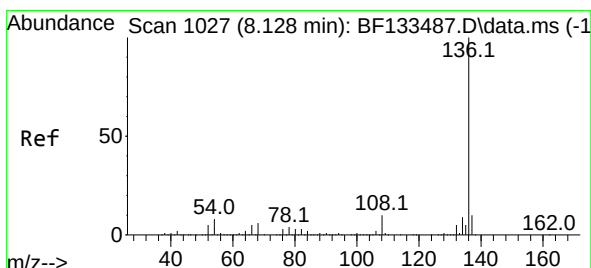
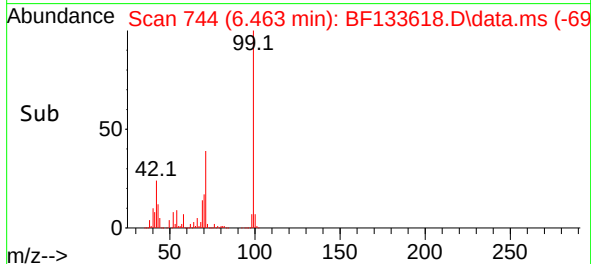
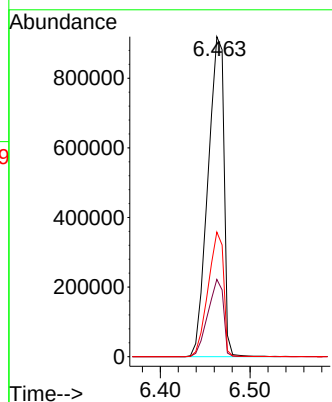
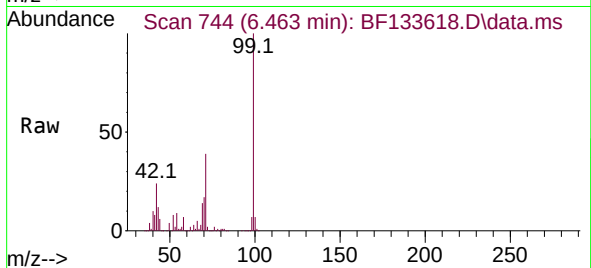




#7  
Phenol-d6  
Concen: 128.154 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BF133618.D  
Acq: 07 Jun 2023 10:58

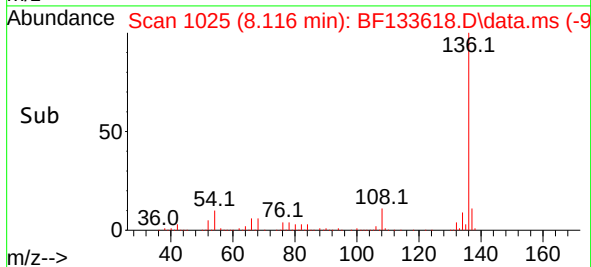
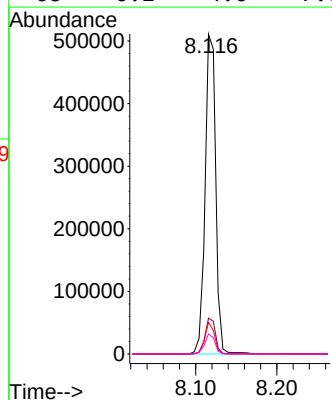
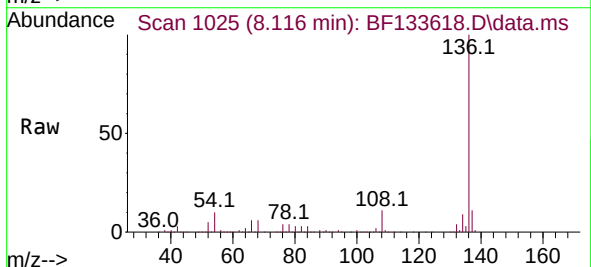
Instrument :  
BNA\_F  
ClientSampleId :  
PB153236BL

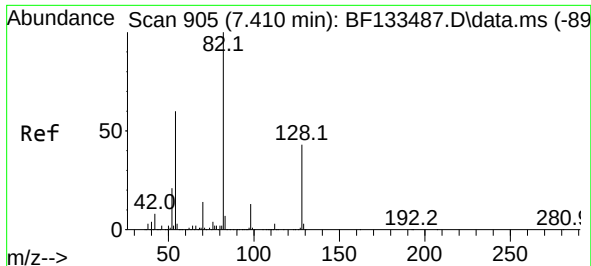
Tgt Ion: 99 Resp: 1141563  
Ion Ratio Lower Upper  
99 100  
42 24.1 19.7 29.5  
71 38.9 29.8 44.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BF133618.D  
Acq: 07 Jun 2023 10:58

Tgt Ion: 136 Resp: 463077  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.2 12.4  
54 9.8 6.6 10.0  
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 107.922 ng

RT: 7.404 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

Instrument :

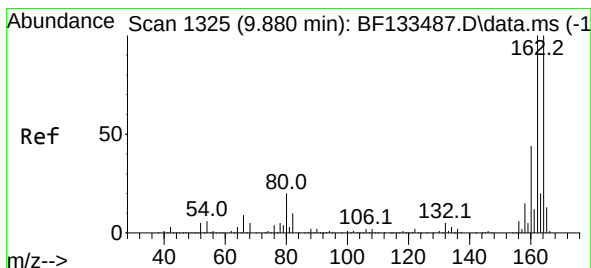
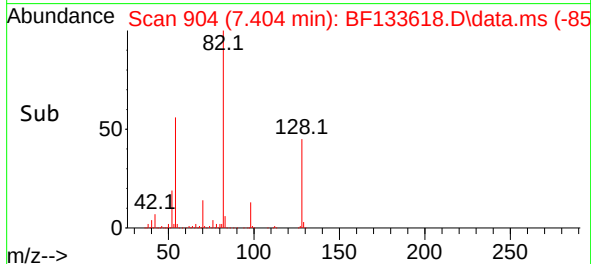
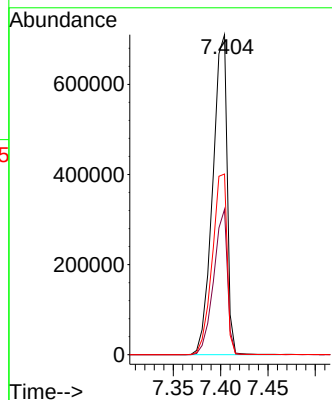
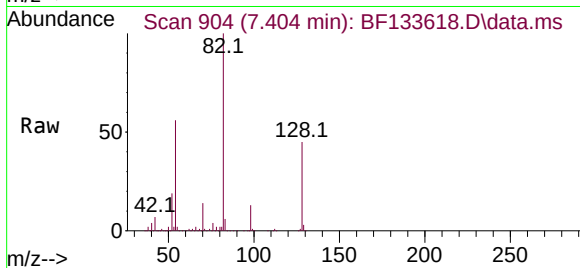
BNA\_F

ClientSampleId :

PB153236BL

Tgt Ion: 82 Resp: 748497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.4  | 34.2  | 51.4  |
| 54  | 56.5  | 48.2  | 72.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1324

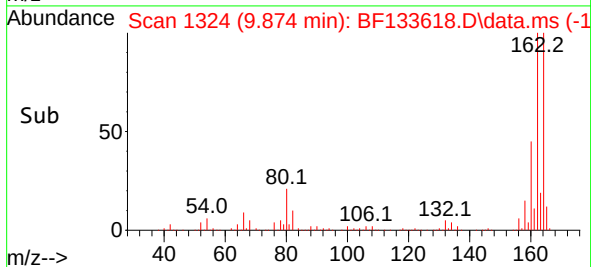
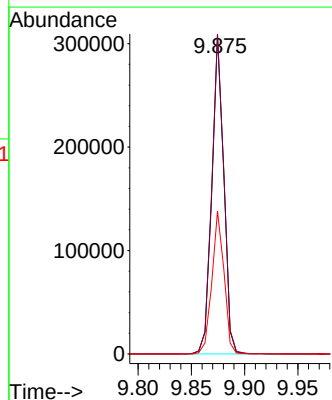
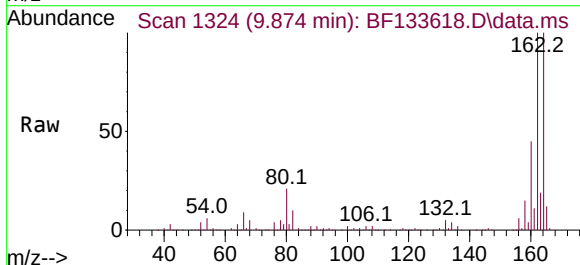
Delta R.T. -0.006 min

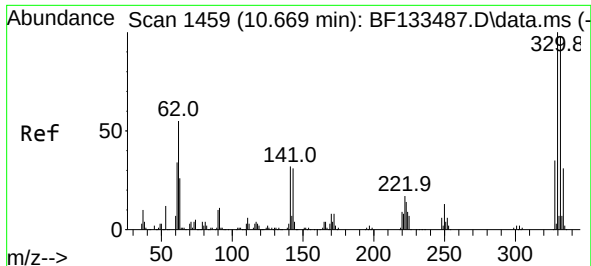
Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

Tgt Ion: 164 Resp: 240269

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.9  | 79.7  | 119.5 |
| 160 | 44.6  | 35.4  | 53.0  |





#42

2,4,6-Tribromophenol

Concen: 156.953 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.000 min

Lab File: BF133618.D

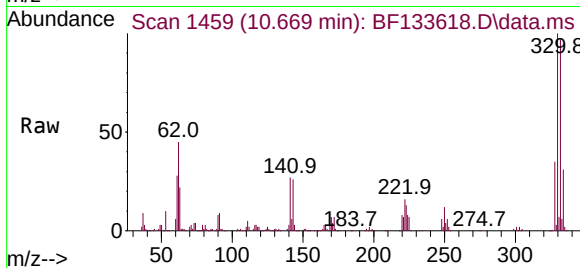
Acq: 07 Jun 2023 10:58

Instrument :

BNA\_F

ClientSampleId :

PB153236BL



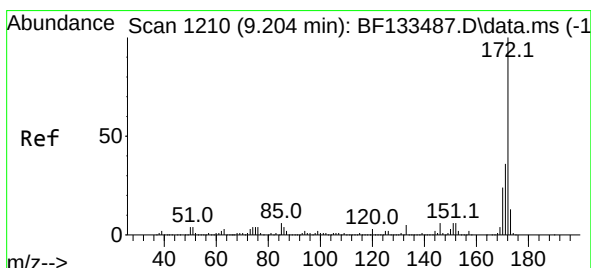
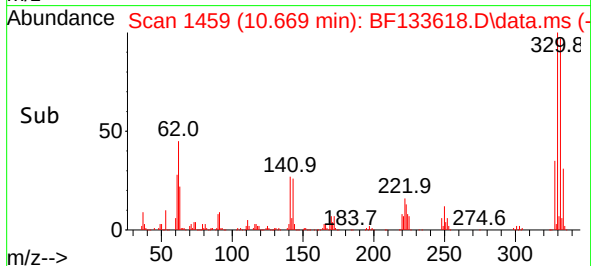
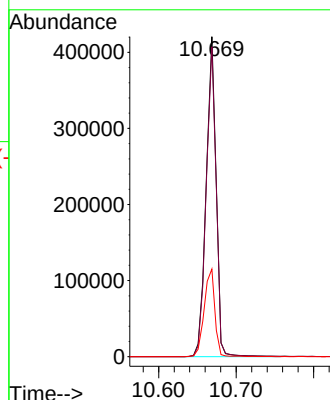
Tgt Ion:330 Resp: 375909

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

141 29.5 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 87.348 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

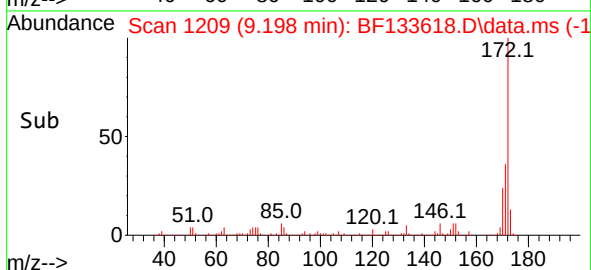
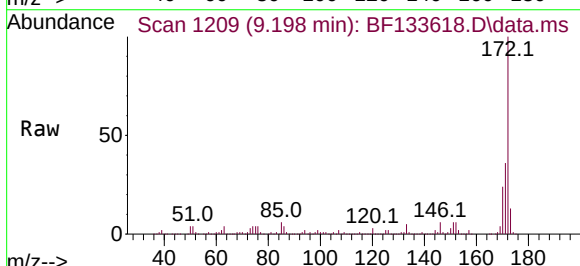
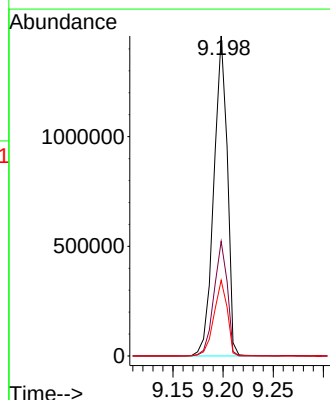
Tgt Ion:172 Resp: 1359753

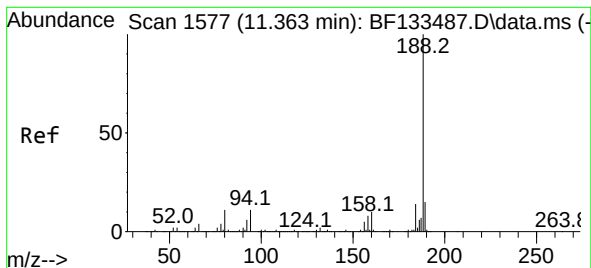
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.7 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

Instrument :

BNA\_F

ClientSampleId :

PB153236BL

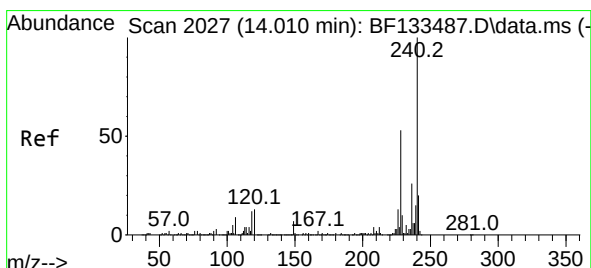
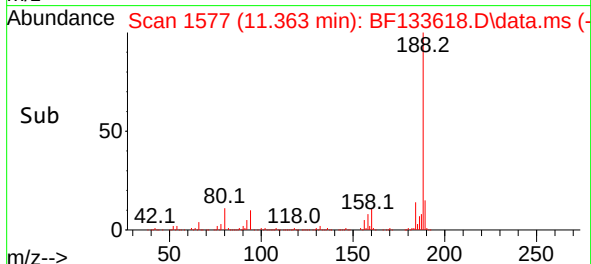
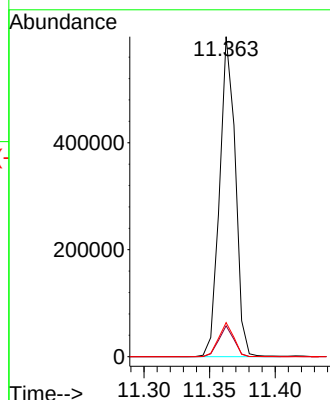
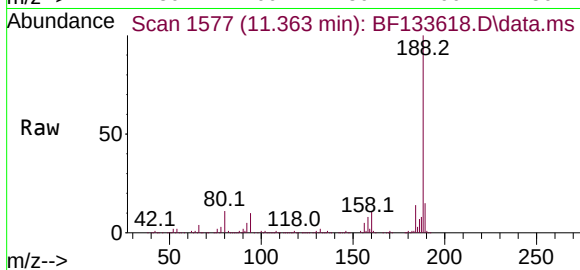
Tgt Ion:188 Resp: 499025

Ion Ratio Lower Upper

188 100

94 9.7 8.6 12.8

80 10.6 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF133618.D

Acq: 07 Jun 2023 10:58

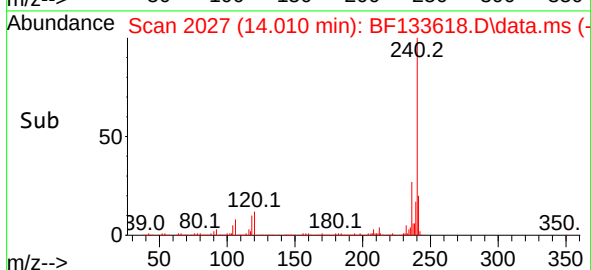
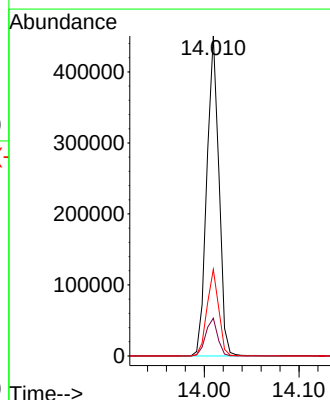
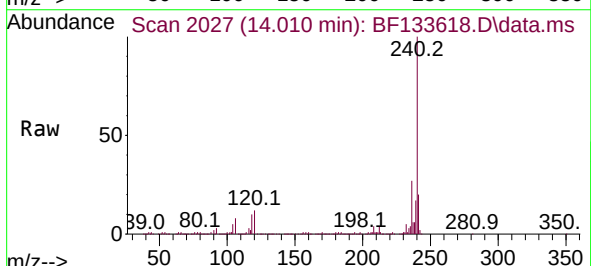
Tgt Ion:240 Resp: 398257

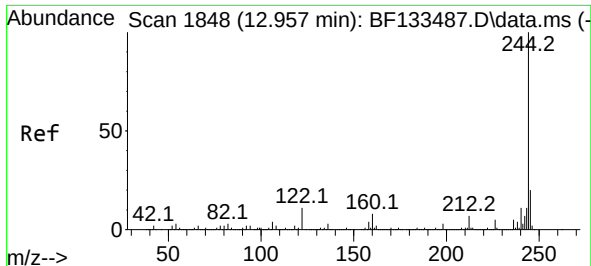
Ion Ratio Lower Upper

240 100

120 11.8 10.3 15.5

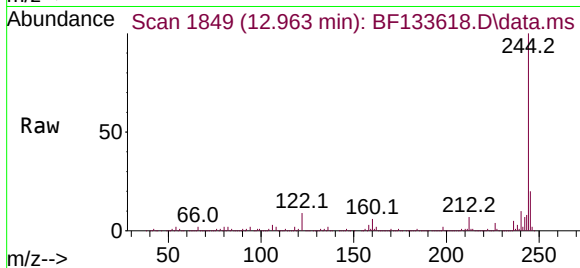
236 27.0 20.5 30.7



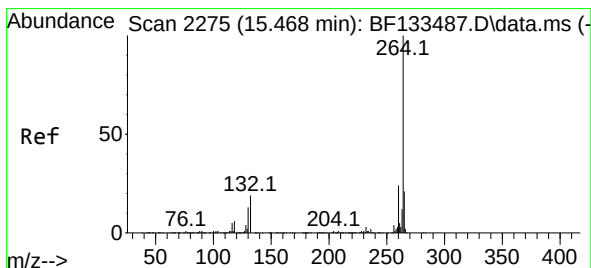
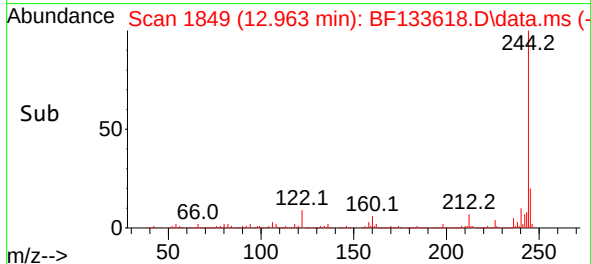
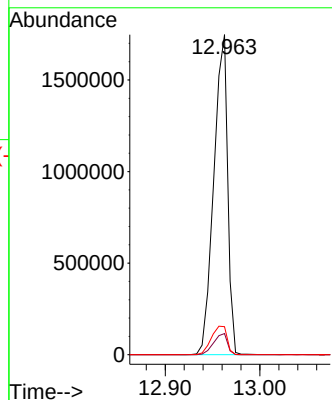


#79  
 Terphenyl-d14  
 Concen: 78.938 ng  
 RT: 12.963 min Scan# 1849  
 Delta R.T. 0.006 min  
 Lab File: BF133618.D  
 Acq: 07 Jun 2023 10:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153236BL



Tgt Ion:244 Resp: 1768156  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.8 8.6  
 122 8.8 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.474 min Scan# 2276  
 Delta R.T. -0.006 min  
 Lab File: BF133618.D  
 Acq: 07 Jun 2023 10:58

Tgt Ion:264 Resp: 403774  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.0 28.4  
 265 21.3 16.8 25.2

