

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062323\  
 Data File : BF133932.D  
 Acq On : 23 Jun 2023 09:12  
 Operator : CG\JU  
 Sample : PB153615BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153615BL

Quant Time: Jun 25 02:34:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 23 02:21:26 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 103625   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.139  | 136  | 407823   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.898  | 164  | 209636   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 430091   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 250446   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.562 | 264  | 212927   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 982083   | 164.990 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 1189026  | 153.462 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 818292   | 109.287 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 411846   | 155.202 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1484377  | 100.654 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 1808992  | 111.766 | ng    | 0.00     |

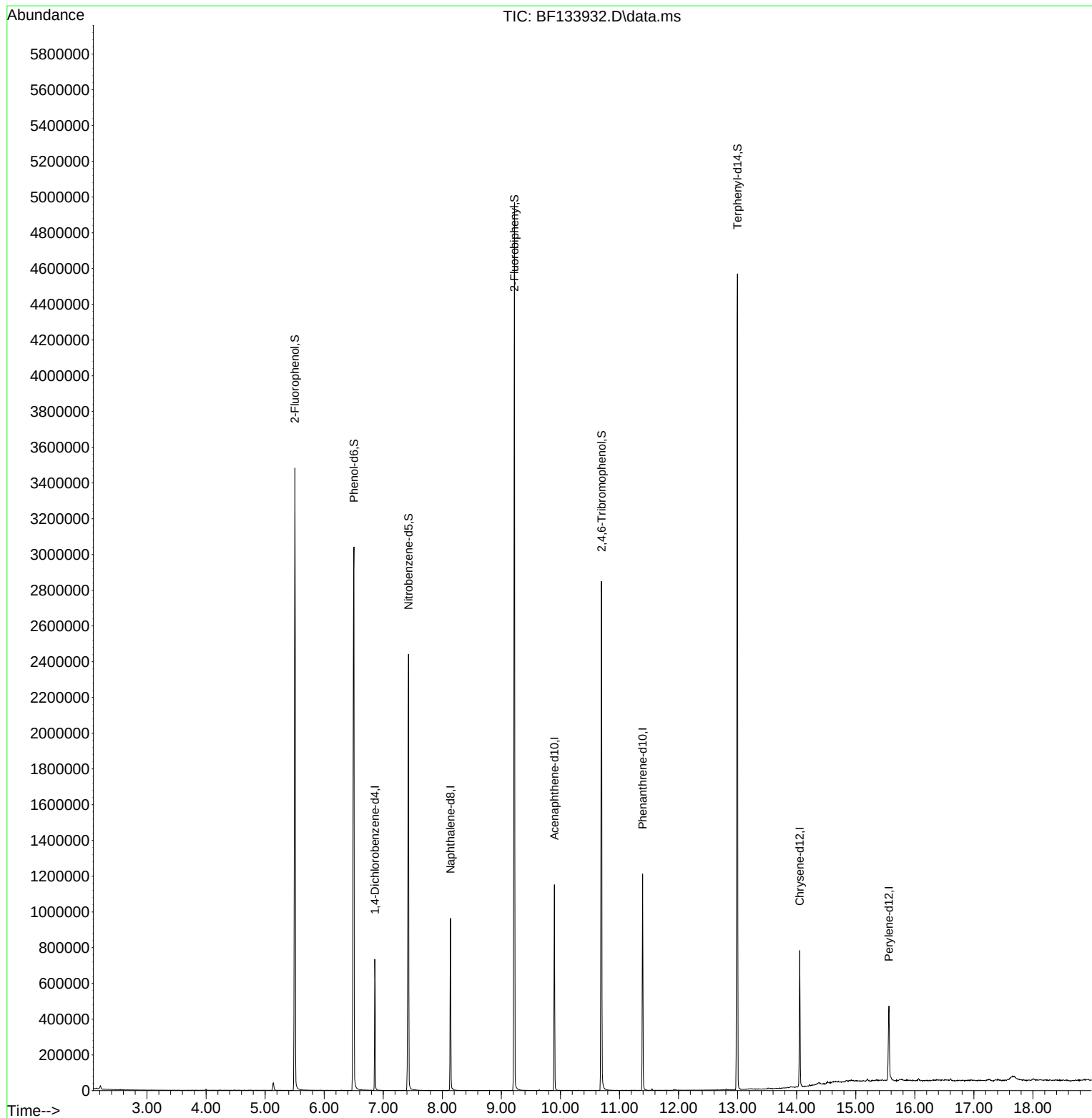
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

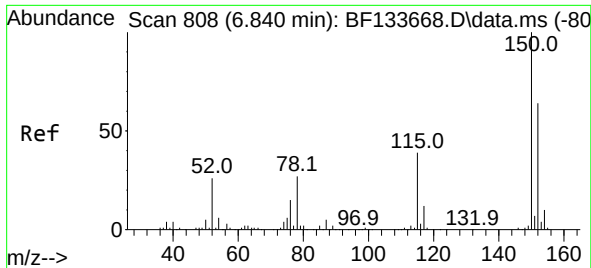
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 23 02:21:26 2023  
Response via : Initial Calibration

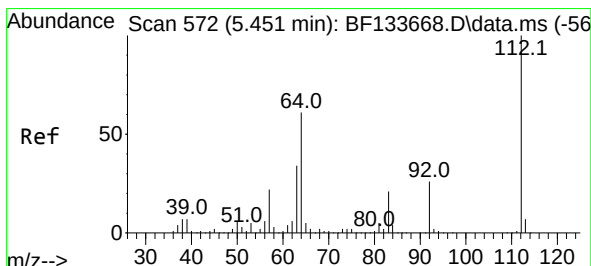
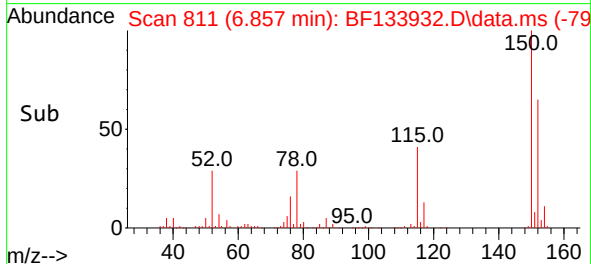
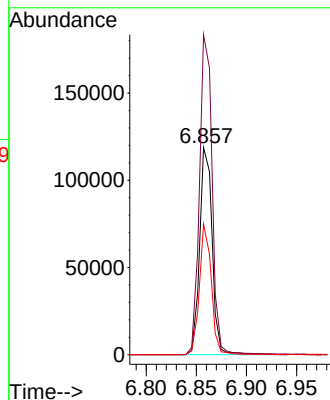
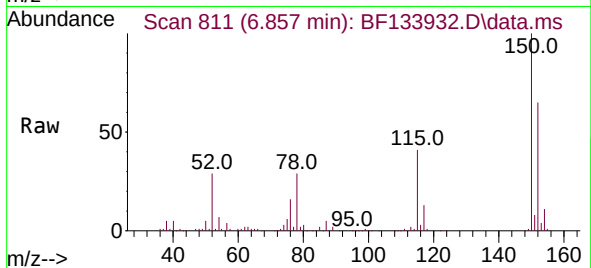




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BF133932.D  
Acq: 23 Jun 2023 09:12

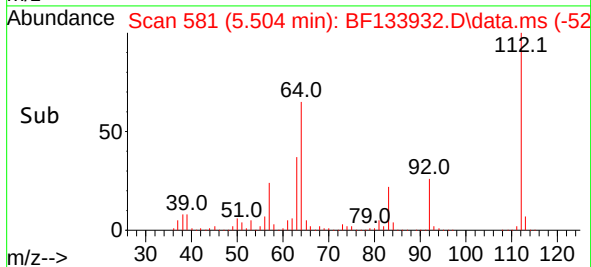
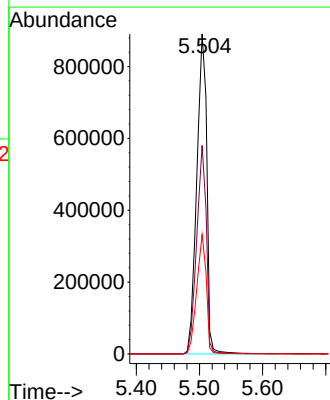
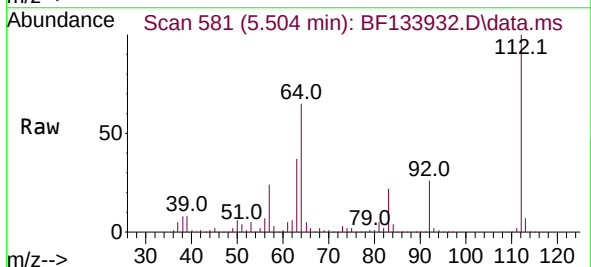
Instrument :  
BNA\_F  
ClientSampleId :  
PB153615BL

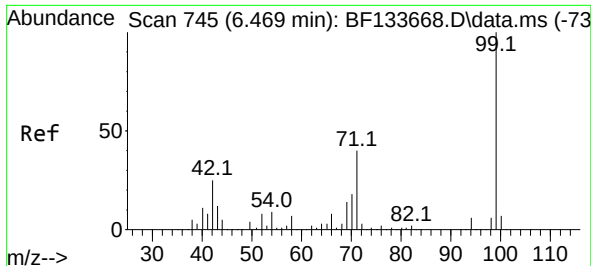
Tgt Ion:152 Resp: 103625  
Ion Ratio Lower Upper  
152 100  
150 154.4 124.3 186.5  
115 63.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 164.990 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF133932.D  
Acq: 23 Jun 2023 09:12

Tgt Ion:112 Resp: 982083  
Ion Ratio Lower Upper  
112 100  
64 65.2 49.0 73.4  
63 37.3 26.8 40.2

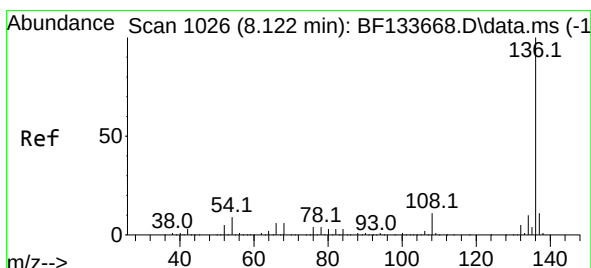
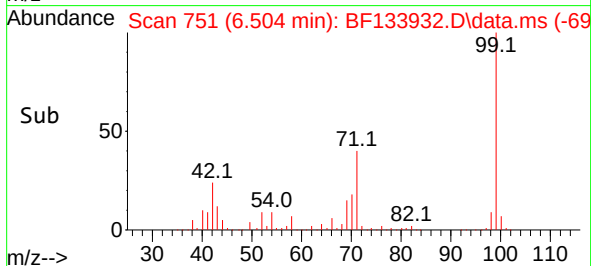
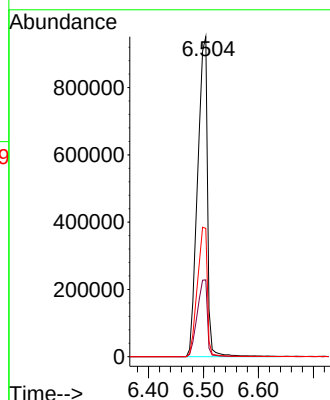
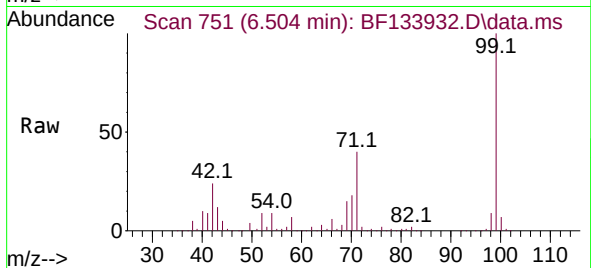




#7  
Phenol-d6  
Concen: 153.462 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF133932.D  
Acq: 23 Jun 2023 09:12

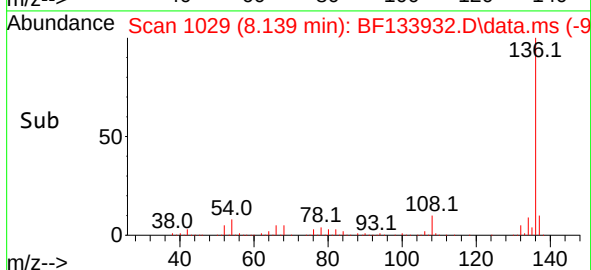
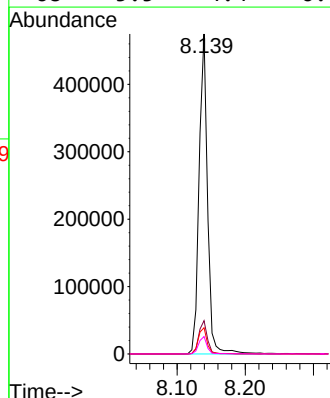
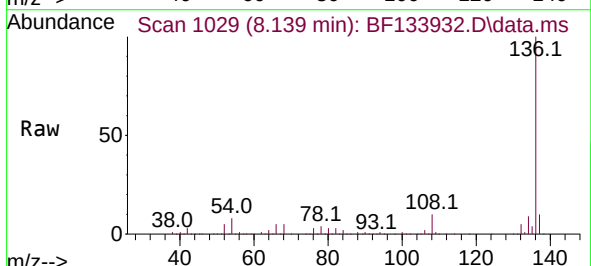
Instrument :  
BNA\_F  
ClientSampleId :  
PB153615BL

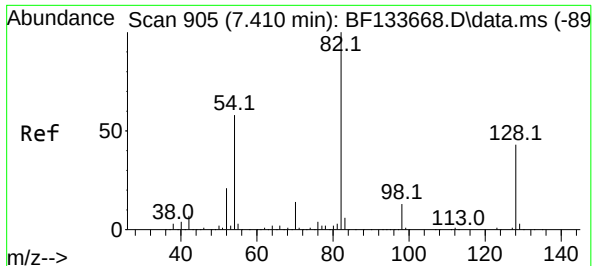
Tgt Ion: 99 Resp: 1189026  
Ion Ratio Lower Upper  
99 100  
42 24.0 19.9 29.9  
71 40.1 32.2 48.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BF133932.D  
Acq: 23 Jun 2023 09:12

Tgt Ion: 136 Resp: 407823  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.8 13.2  
54 8.2 7.4 11.0  
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 109.287 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

Instrument :

BNA\_F

ClientSampleId :

PB153615BL

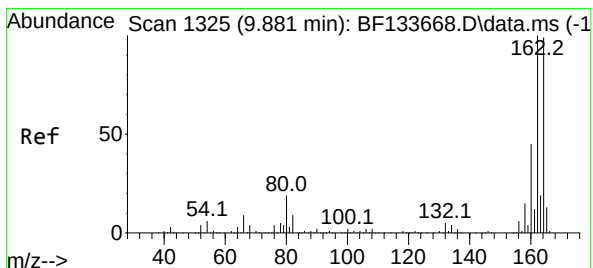
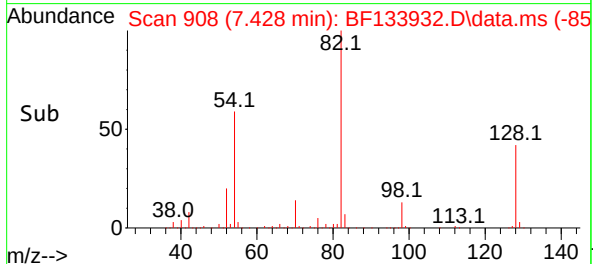
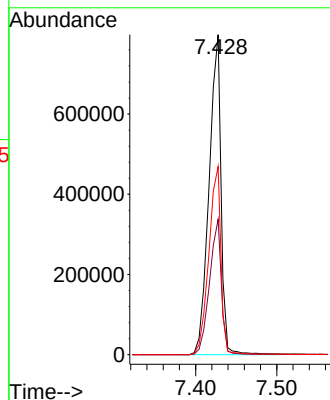
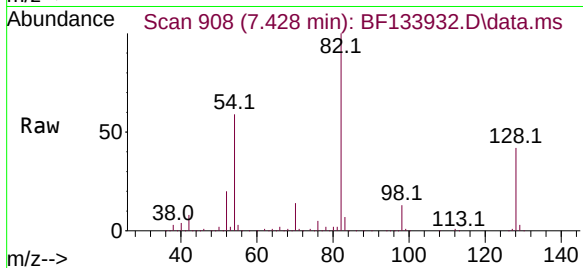
Tgt Ion: 82 Resp: 818292

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.2

54 58.8 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

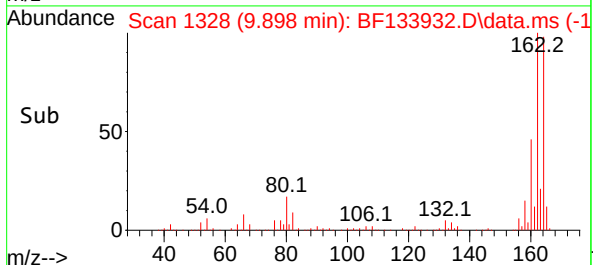
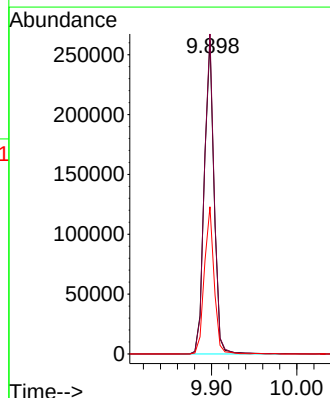
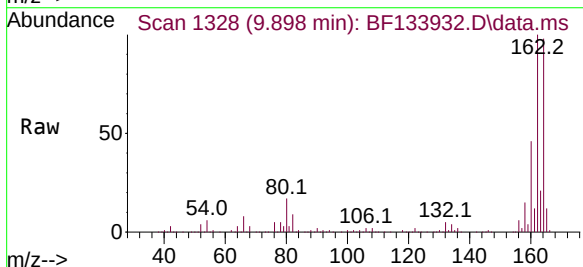
Tgt Ion:164 Resp: 209636

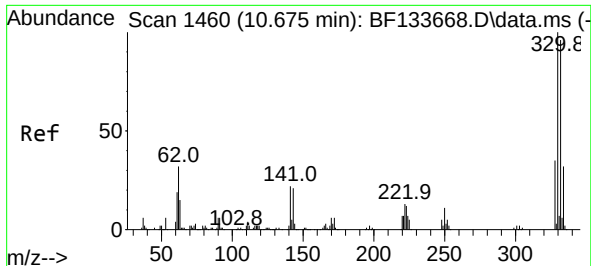
Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 47.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 155.202 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF133932.D

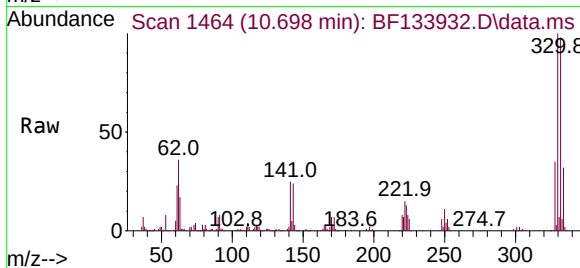
Acq: 23 Jun 2023 09:12

Instrument :

BNA\_F

ClientSampleId :

PB153615BL



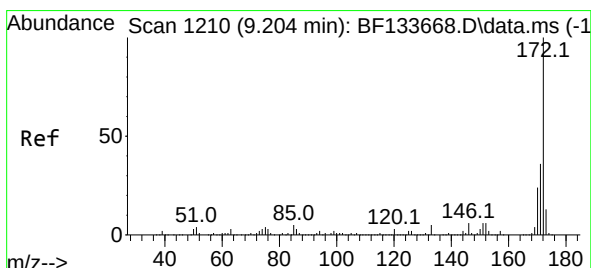
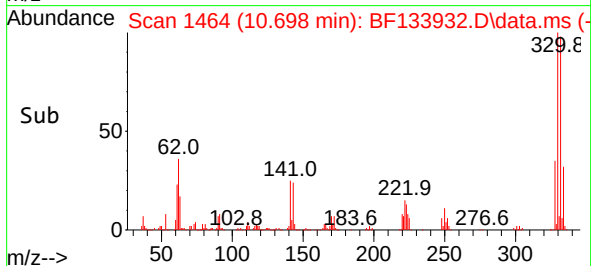
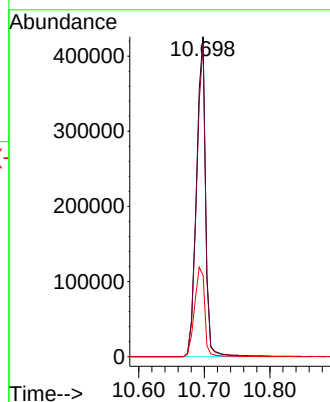
Tgt Ion:330 Resp: 411846

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 31.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 100.654 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133932.D

Acq: 23 Jun 2023 09:12

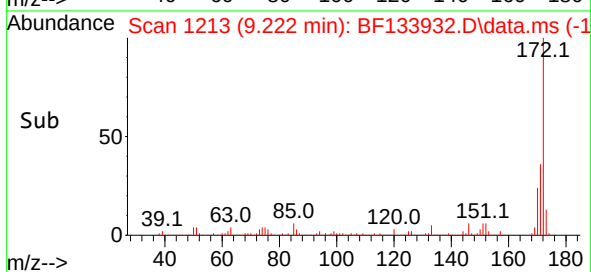
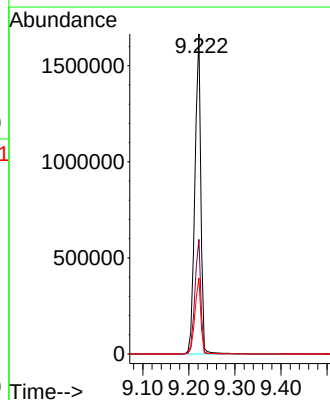
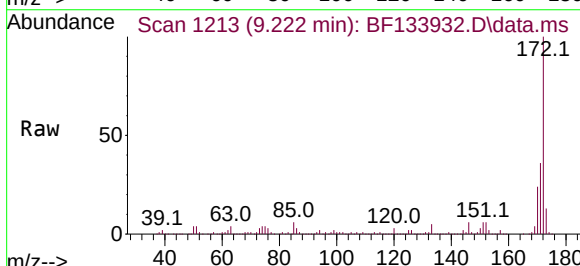
Tgt Ion:172 Resp: 1484377

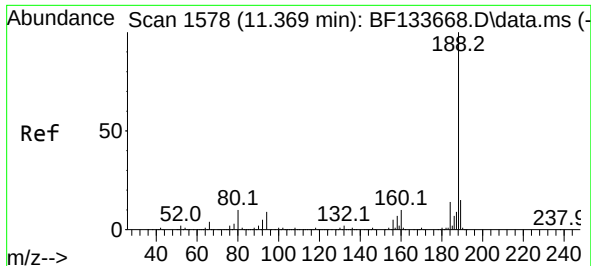
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.8 19.1 28.7

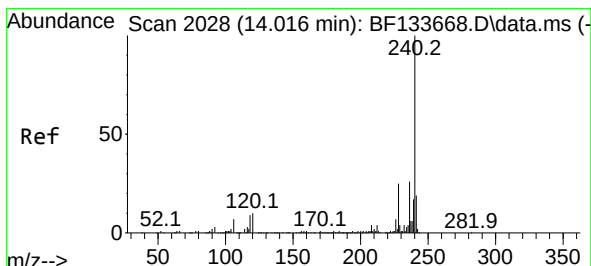
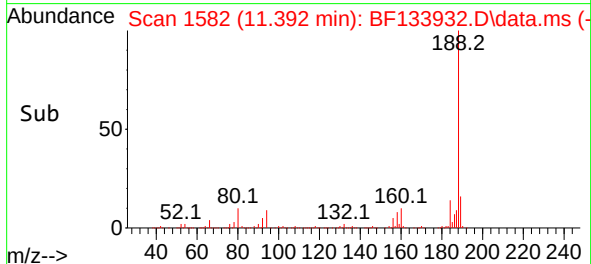
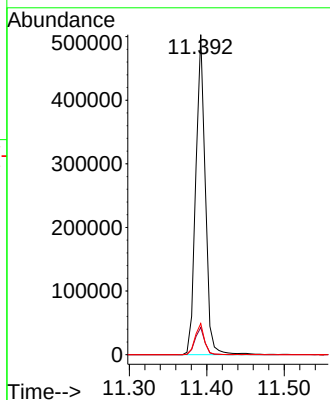
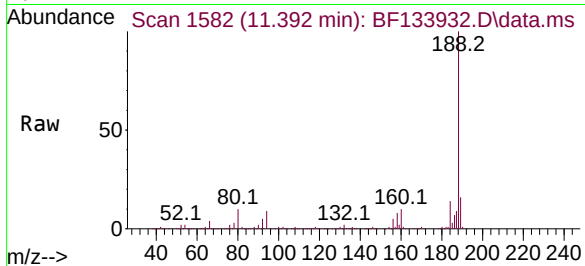




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF133932.D  
Acq: 23 Jun 2023 09:12

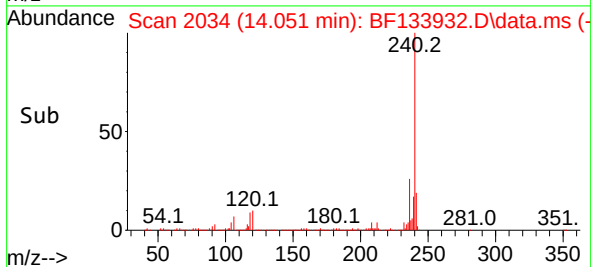
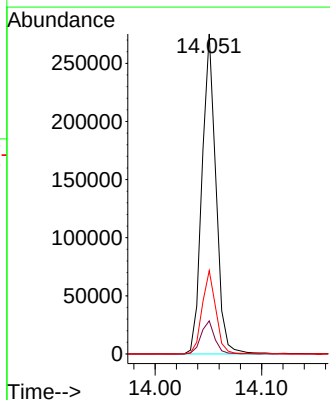
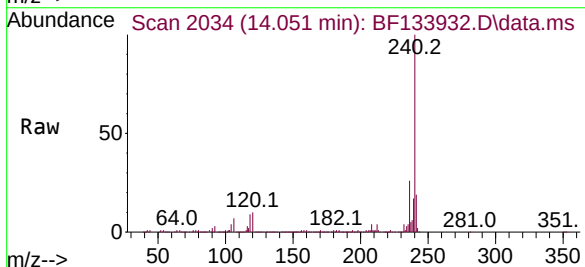
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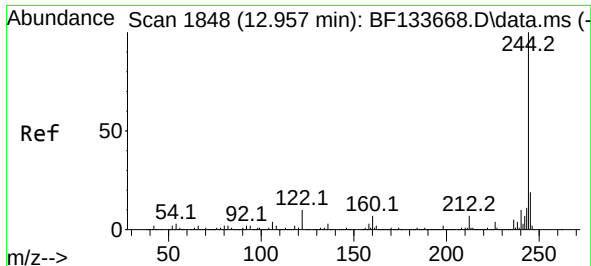
Tgt Ion:188 Resp: 430091  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.8 10.2  
80 9.8 7.8 11.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BF133932.D  
Acq: 23 Jun 2023 09:12

Tgt Ion:240 Resp: 250446  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.1 12.1  
236 26.0 20.5 30.7

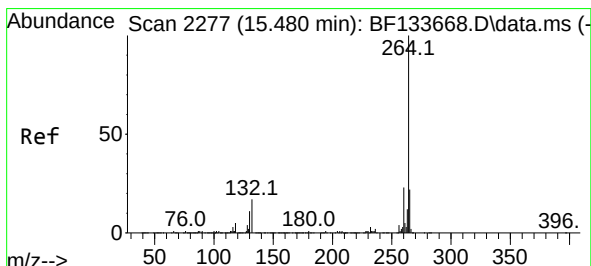
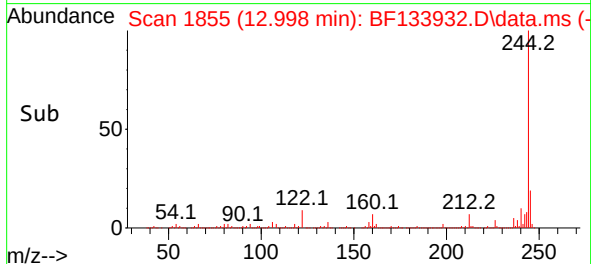
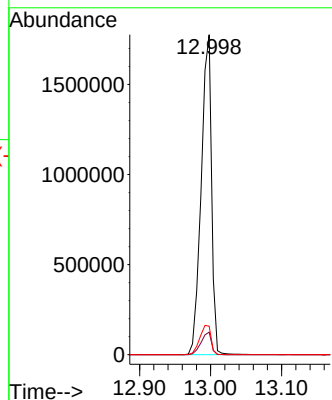
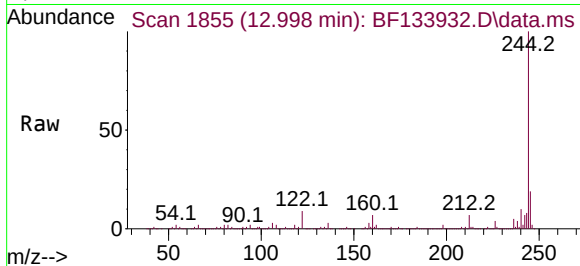




#79  
 Terphenyl-d14  
 Concen: 111.766 ng  
 RT: 12.998 min Scan# 1855  
 Delta R.T. 0.006 min  
 Lab File: BF133932.D  
 Acq: 23 Jun 2023 09:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB153615BL

Tgt Ion:244 Resp: 1808992  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.2  
 122 8.9 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.562 min Scan# 2291  
 Delta R.T. 0.000 min  
 Lab File: BF133932.D  
 Acq: 23 Jun 2023 09:12

Tgt Ion:264 Resp: 212927  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.2 27.2  
 265 19.6 17.8 26.6

