

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082123\  
 Data File : BF134873.D  
 Acq On : 21 Aug 2023 18:10  
 Operator : CG\JU  
 Sample : 04086-21  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB04

Quant Time: Aug 22 03:21:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 04 09:29:15 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.793  | 152  | 143116   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 551884   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.822  | 164  | 261375   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.316 | 188  | 388971   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.963 | 240  | 302215   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.433 | 264  | 238647   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 434003   | 46.097  | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 331613   | 27.554  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 731774   | 82.863  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 287114   | 107.757 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 1283394  | 81.641  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.910 | 244  | 1367312  | 79.757  | ng    | -0.01    |

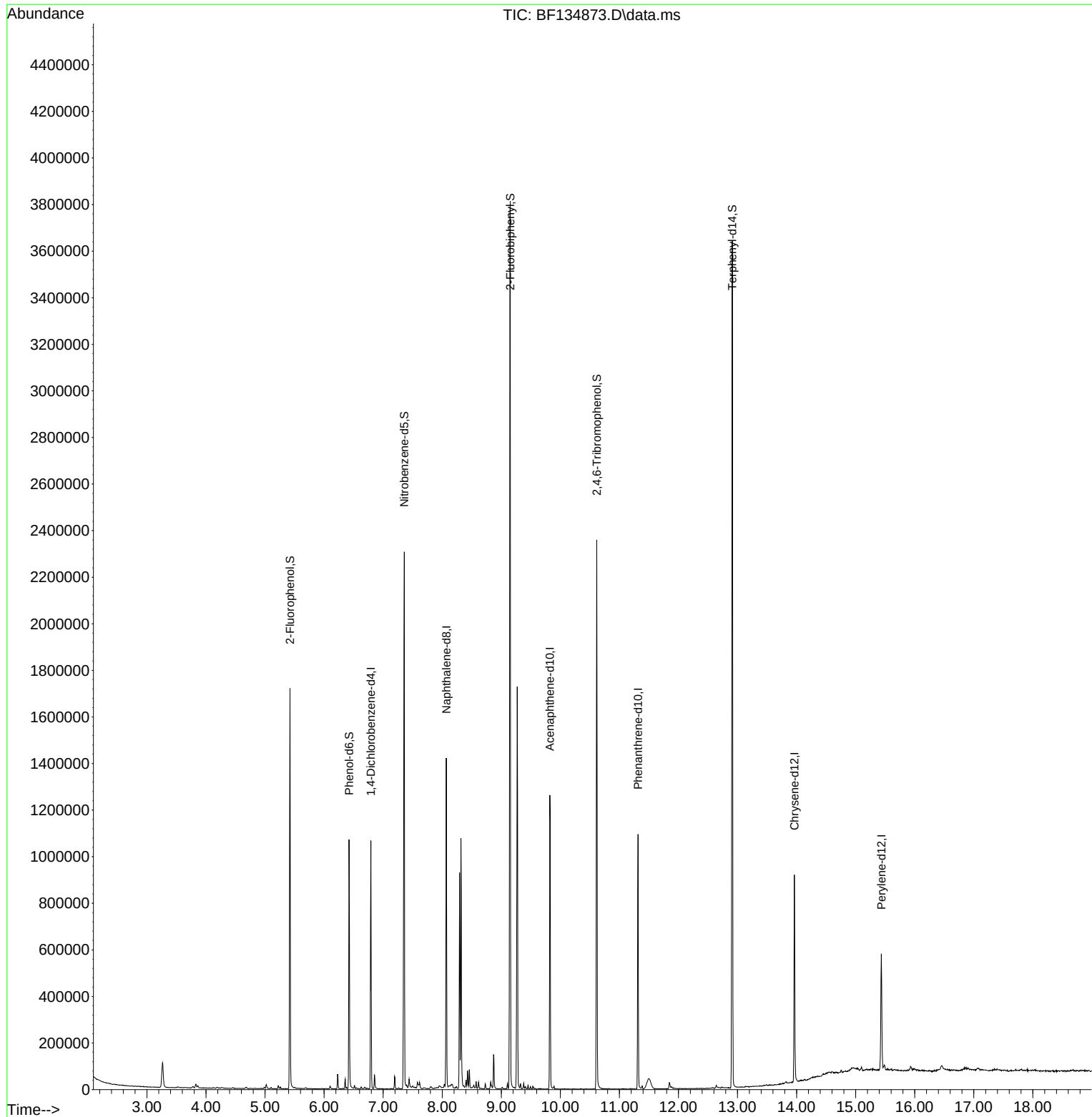
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

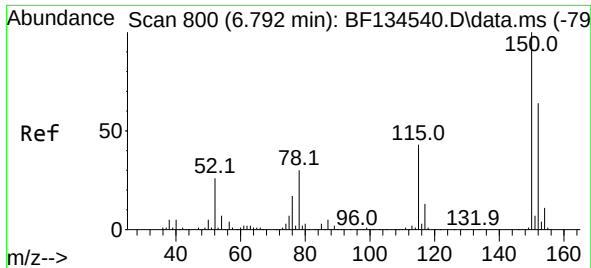
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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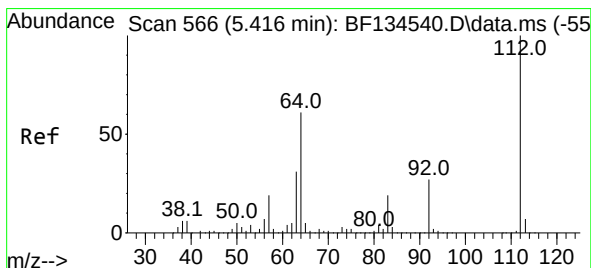
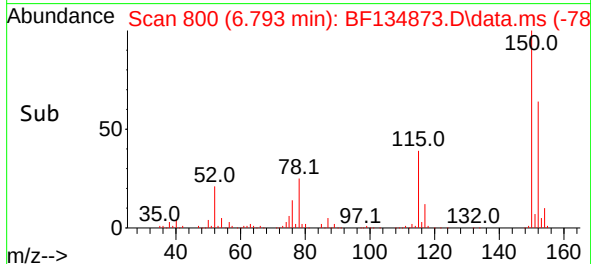
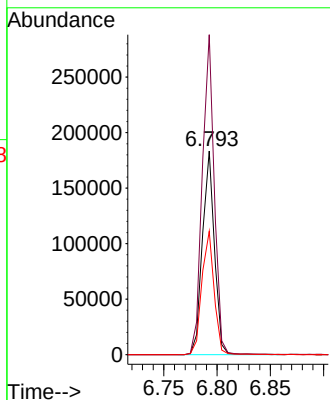
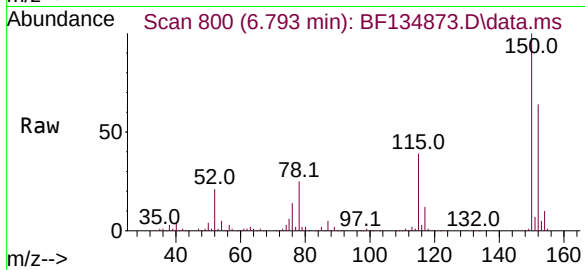




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.793 min Scan# 80  
 Delta R.T. -0.005 min  
 Lab File: BF134873.D  
 Acq: 21 Aug 2023 18:10

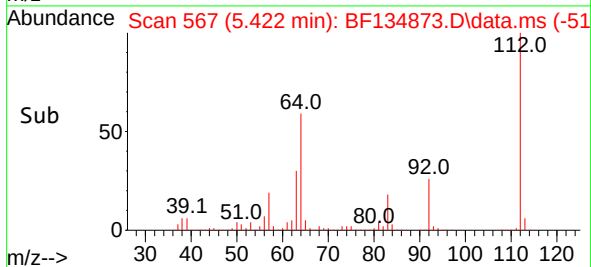
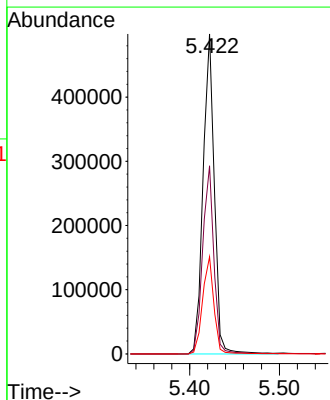
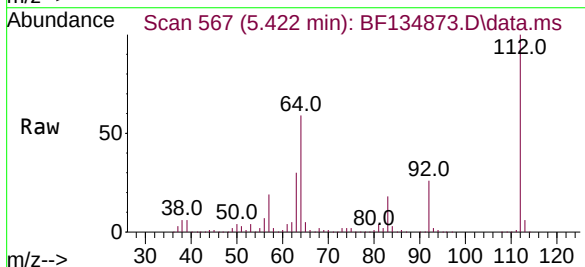
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB04

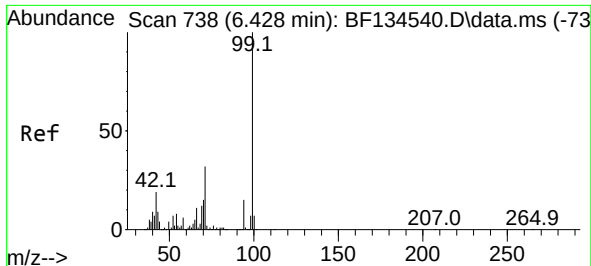
Tgt Ion:152 Resp: 143116  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 128.3 192.5  
 115 60.6 52.4 78.6



#5  
 2-Fluorophenol  
 Concen: 46.097 ng  
 RT: 5.422 min Scan# 567  
 Delta R.T. -0.006 min  
 Lab File: BF134873.D  
 Acq: 21 Aug 2023 18:10

Tgt Ion:112 Resp: 434003  
 Ion Ratio Lower Upper  
 112 100  
 64 58.8 44.9 67.3  
 63 30.3 25.4 38.0





#7  
Phenol-d6  
Concen: 27.554 ng  
RT: 6.422 min Scan# 738  
Delta R.T. -0.017 min  
Lab File: BF134873.D  
Acq: 21 Aug 2023 18:10

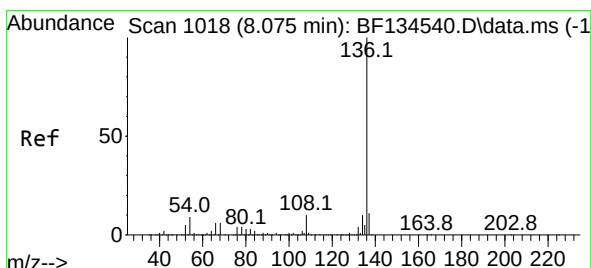
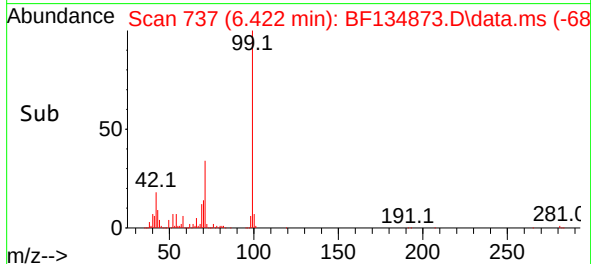
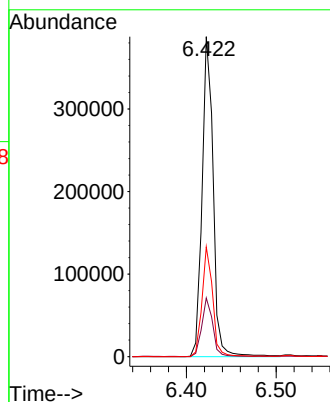
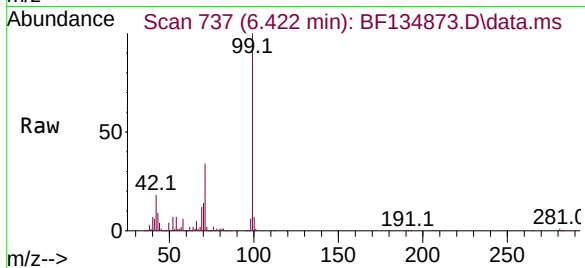
Instrument :

BNA\_F

ClientSampleId :

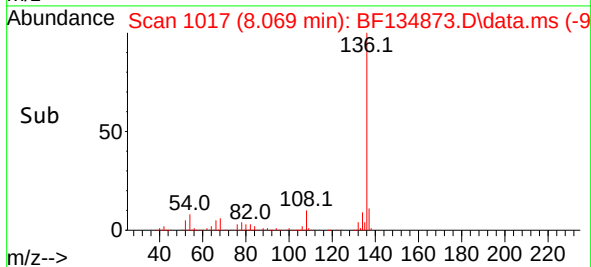
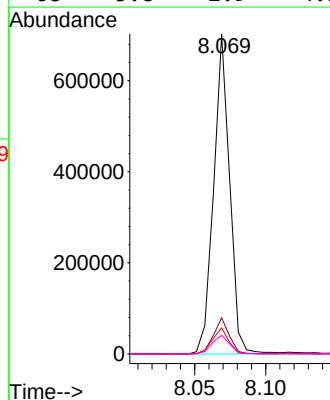
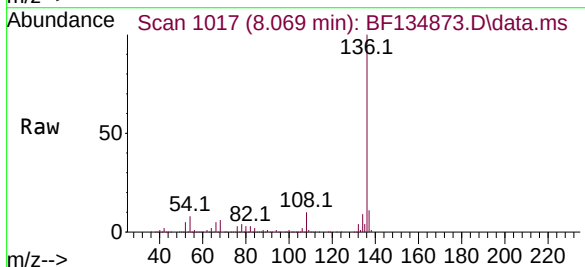
FB04

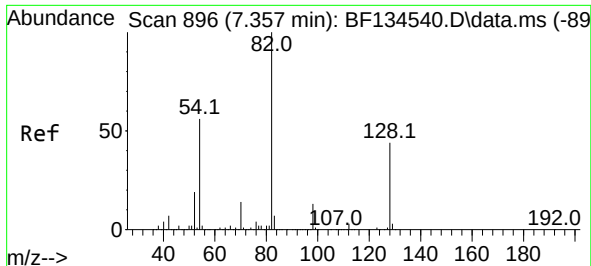
Tgt Ion: 99 Resp: 331613  
Ion Ratio Lower Upper  
99 100  
42 18.3 18.7 28.1#  
71 34.3 36.4 54.6#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF134873.D  
Acq: 21 Aug 2023 18:10

Tgt Ion:136 Resp: 551884  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.4 12.6  
54 8.1 5.2 7.8#  
68 5.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 82.863 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134873.D

Acq: 21 Aug 2023 18:10

Instrument :

BNA\_F

ClientSampleId :

FB04

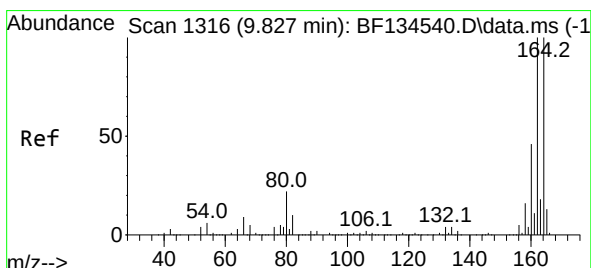
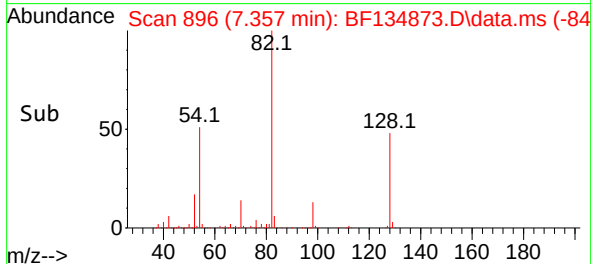
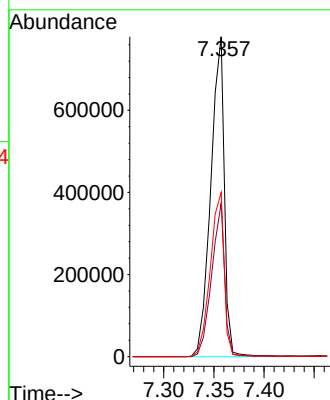
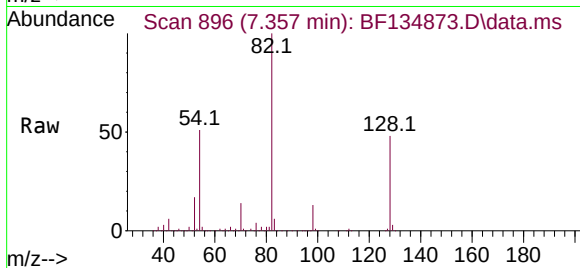
Tgt Ion: 82 Resp: 731774

Ion Ratio Lower Upper

82 100

128 47.9 34.3 51.5

54 51.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF134873.D

Acq: 21 Aug 2023 18:10

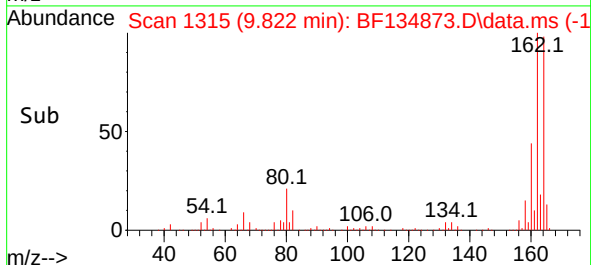
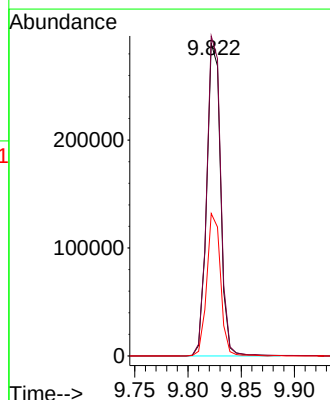
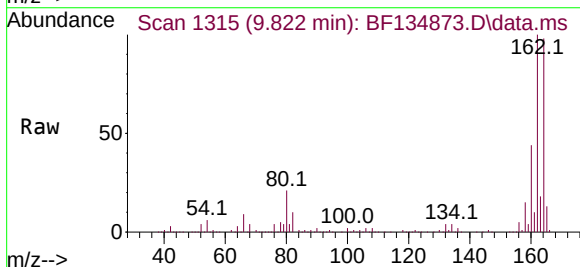
Tgt Ion:164 Resp: 261375

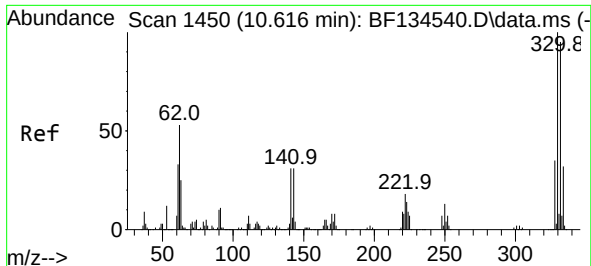
Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

160 45.5 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 107.757 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134873.D

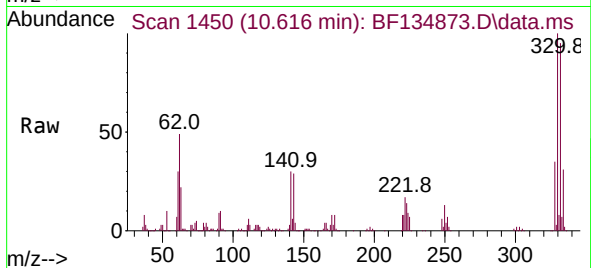
Acq: 21 Aug 2023 18:10

Instrument :

BNA\_F

ClientSampleId :

FB04



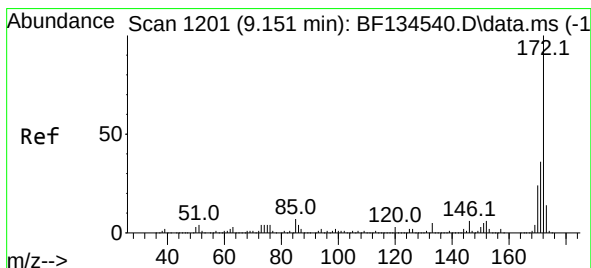
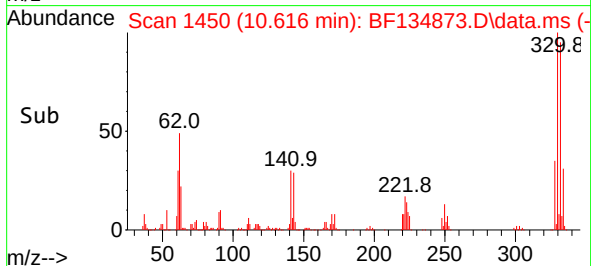
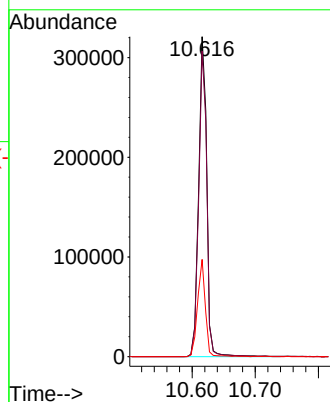
Tgt Ion:330 Resp: 287114

Ion Ratio Lower Upper

330 100

332 95.0 78.8 118.2

141 29.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 81.641 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134873.D

Acq: 21 Aug 2023 18:10

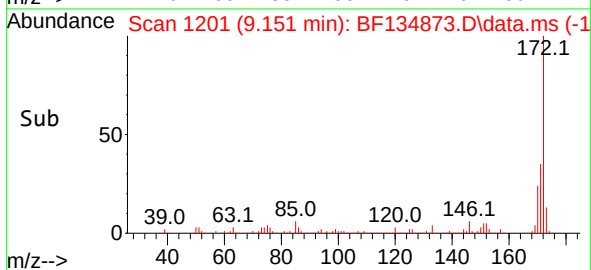
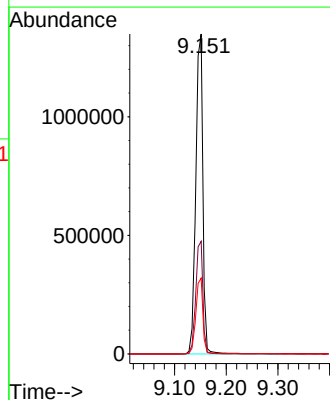
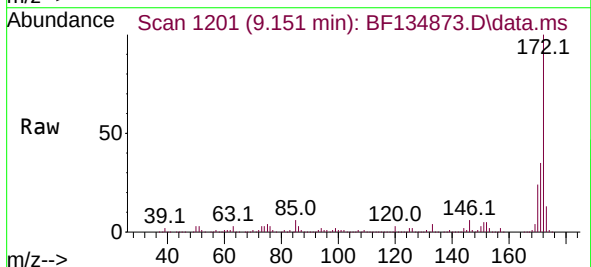
Tgt Ion:172 Resp: 1283394

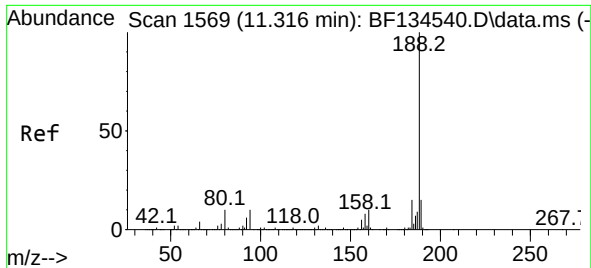
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 18.7 28.1

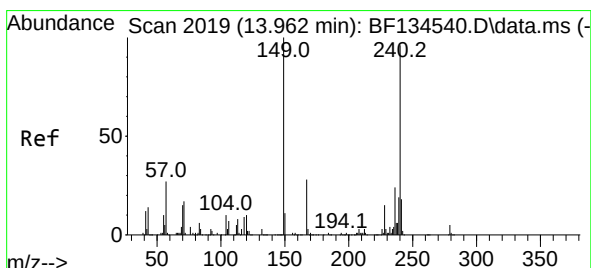
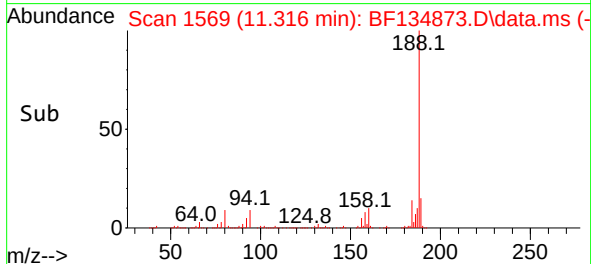
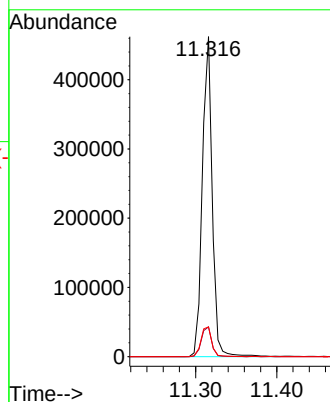
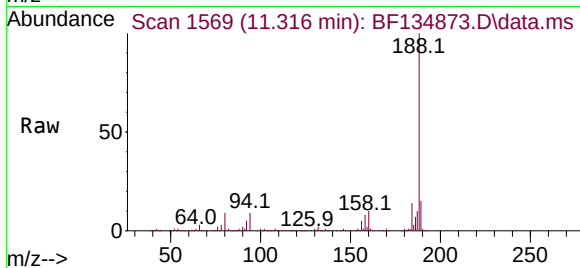




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: BF134873.D  
Acq: 21 Aug 2023 18:10

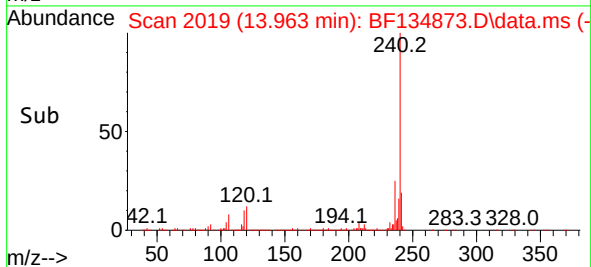
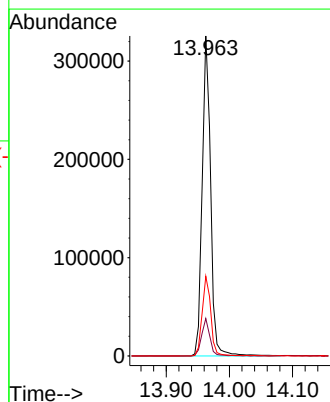
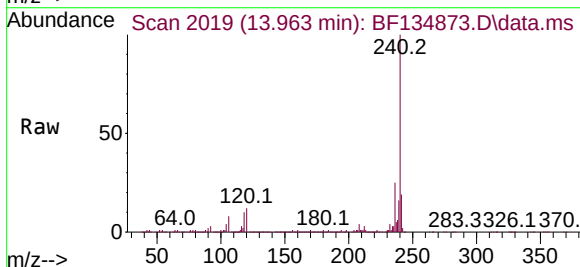
Instrument :  
BNA\_F  
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FB04

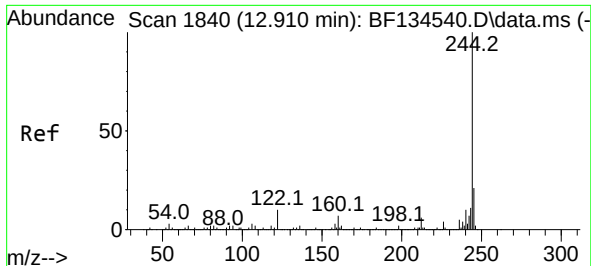
Tgt Ion:188 Resp: 388971  
Ion Ratio Lower Upper  
188 100  
94 9.3 5.1 7.7#  
80 9.3 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF134873.D  
Acq: 21 Aug 2023 18:10

Tgt Ion:240 Resp: 302215  
Ion Ratio Lower Upper  
240 100  
120 11.7 6.6 10.0#  
236 24.9 20.2 30.2

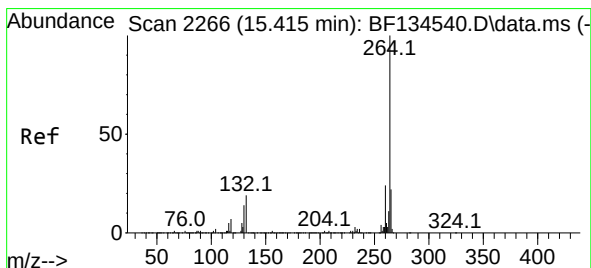
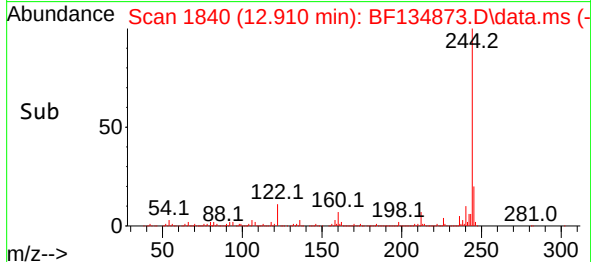
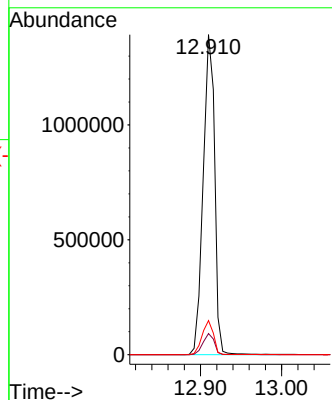
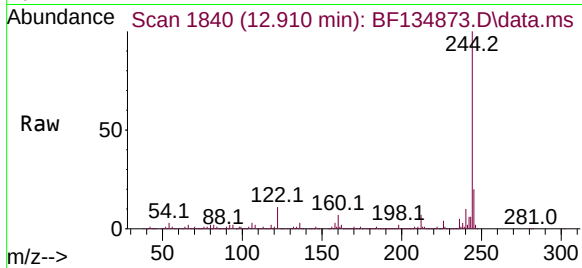




#79  
 Terphenyl-d14  
 Concen: 79.757 ng  
 RT: 12.910 min Scan# 1840  
 Delta R.T. -0.012 min  
 Lab File: BF134873.D  
 Acq: 21 Aug 2023 18:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB04

Tgt Ion:244 Resp: 1367312  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.6 8.4  
 122 10.6 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.433 min Scan# 2269  
 Delta R.T. -0.006 min  
 Lab File: BF134873.D  
 Acq: 21 Aug 2023 18:10

Tgt Ion:264 Resp: 238647  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.4 27.6  
 265 21.8 15.8 23.8

