

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082123\  
 Data File : BF134863.D  
 Acq On : 21 Aug 2023 12:40  
 Operator : CG\JU  
 Sample : 04086-20  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-PP10B

Quant Time: Aug 21 12:58:08 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  | 178440   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 735721   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.822  | 164  | 397589   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.316 | 188  | 727895   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.963 | 240  | 420416   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.433 | 264  | 397854   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 865814   | 73.757 | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 1100439  | 73.335 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 683975   | 58.097 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 348876   | 86.078 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1319888  | 55.197 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.910 | 244  | 1406387  | 58.972 | ng    | -0.01    |

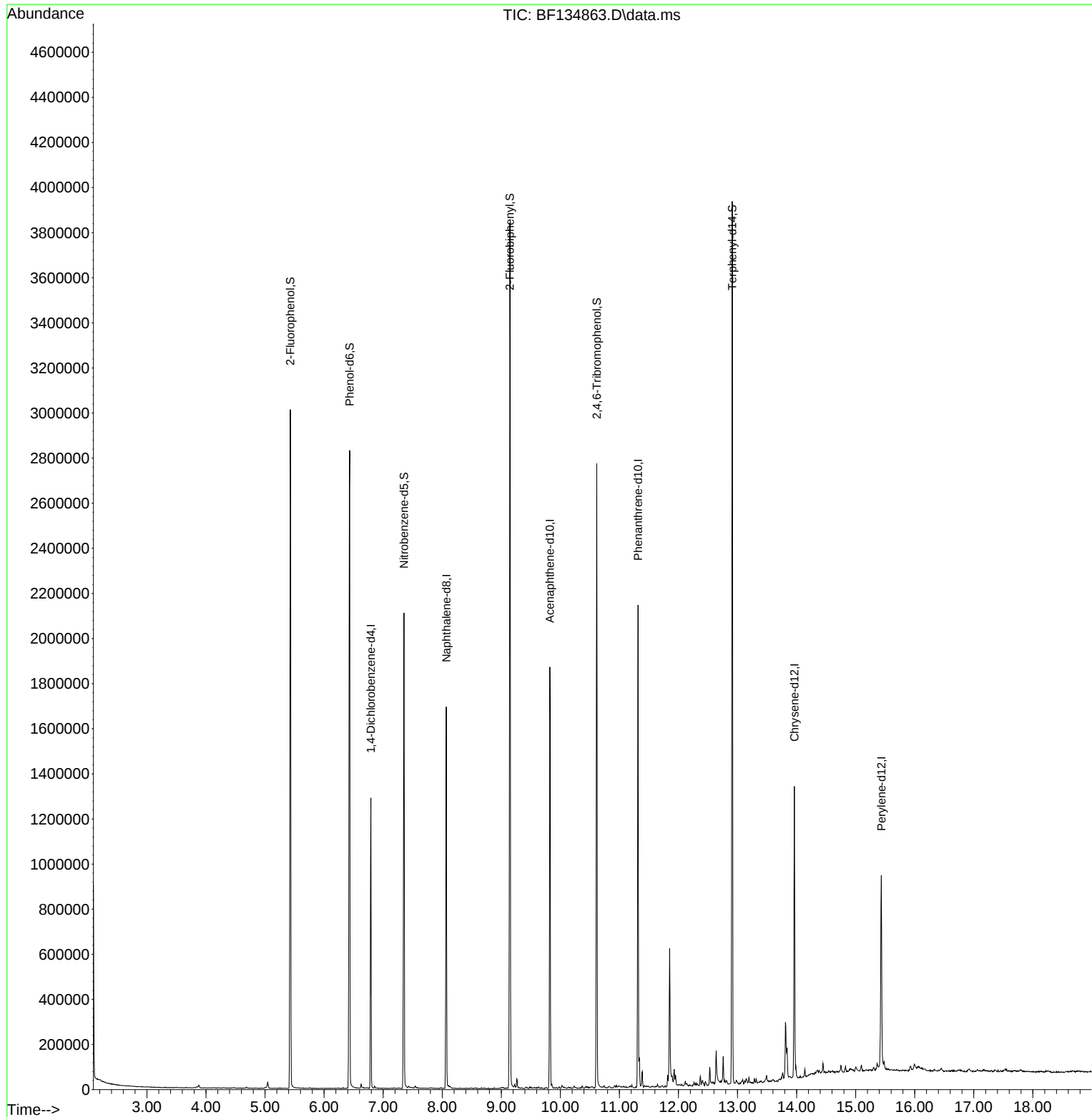
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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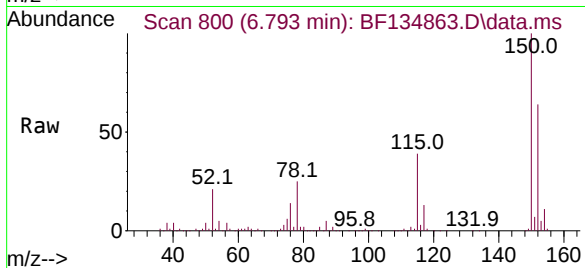
Quant Time: Aug 21 12:58:08 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 04 09:29:15 2023  
Response via : Initial Calibration



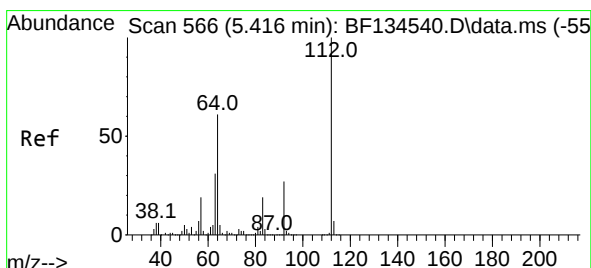
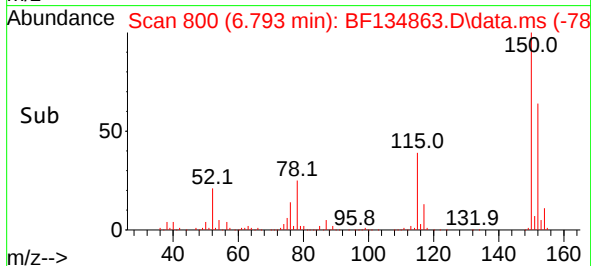
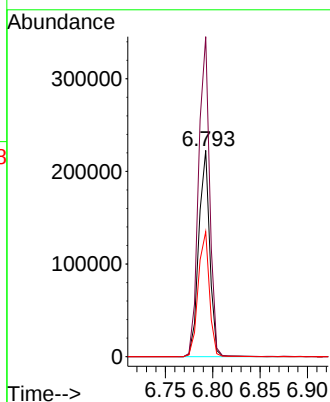


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.793 min Scan# 800  
Delta R.T. -0.005 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

Instrument :  
BNA\_F  
ClientSampleId :  
B-PP10B

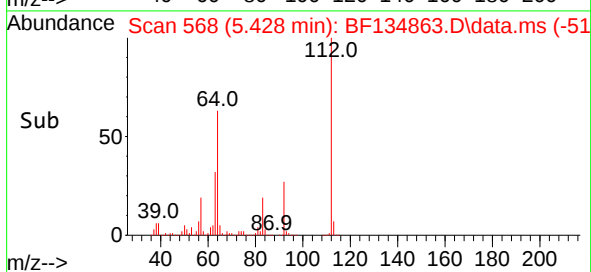
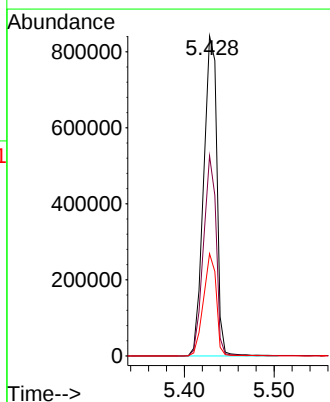
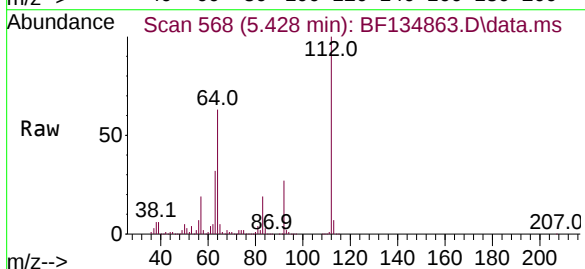


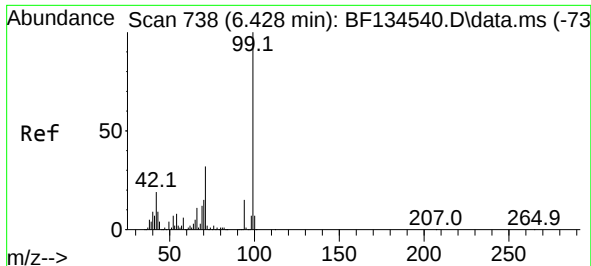
Tgt Ion:152 Resp: 178440  
Ion Ratio Lower Upper  
152 100  
150 155.2 128.3 192.5  
115 60.6 52.4 78.6



#5  
2-Fluorophenol  
Concen: 73.757 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

Tgt Ion:112 Resp: 865814  
Ion Ratio Lower Upper  
112 100  
64 62.5 44.9 67.3  
63 31.9 25.4 38.0

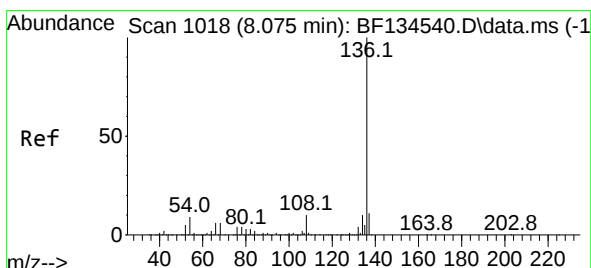
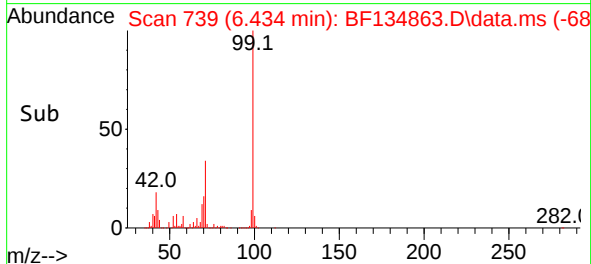
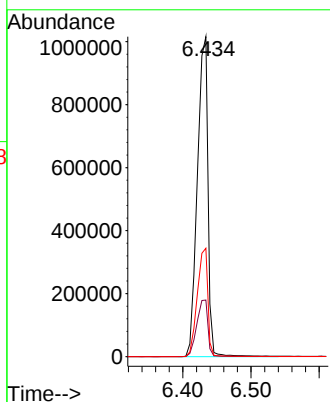
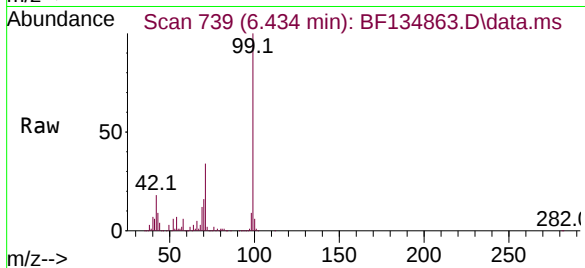




#7  
Phenol-d6  
Concen: 73.335 ng  
RT: 6.434 min Scan# 738  
Delta R.T. -0.006 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

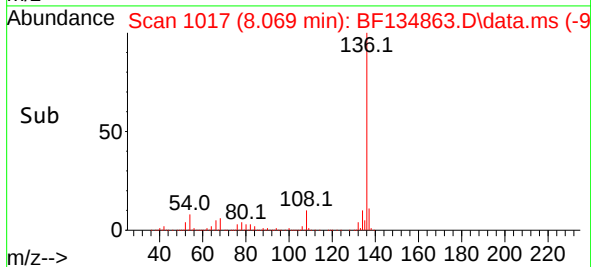
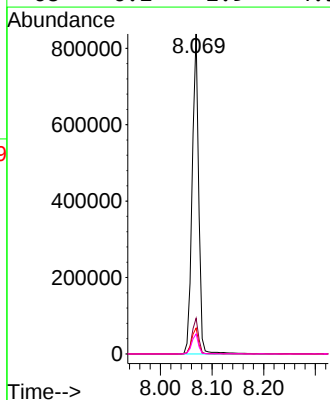
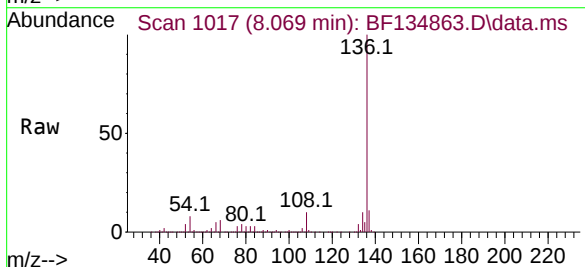
Instrument :  
BNA\_F  
ClientSampleId :  
B-PP10B

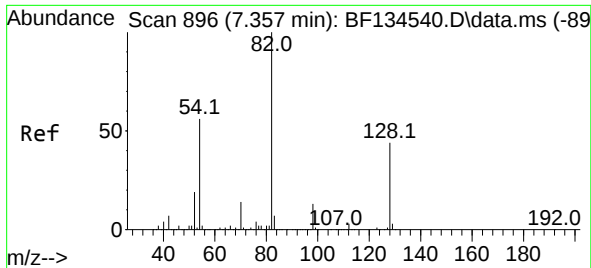
Tgt Ion: 99 Resp: 1100439  
Ion Ratio Lower Upper  
99 100  
42 17.7 18.7 28.1#  
71 33.9 36.4 54.6#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

Tgt Ion: 136 Resp: 735721  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.4 12.6  
54 8.1 5.2 7.8#  
68 6.2 2.9 4.3#

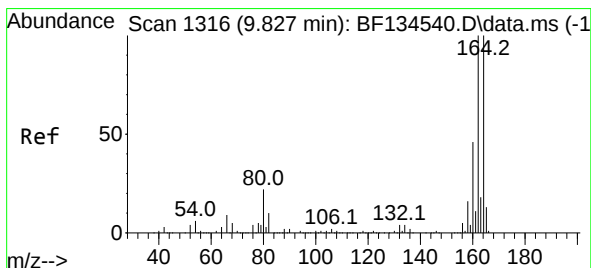
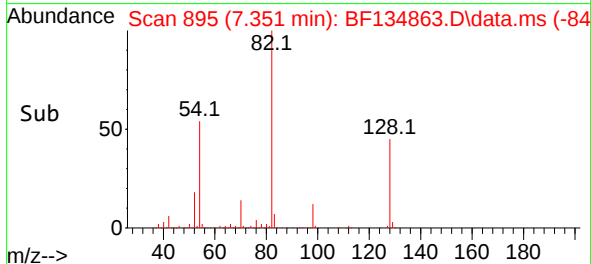
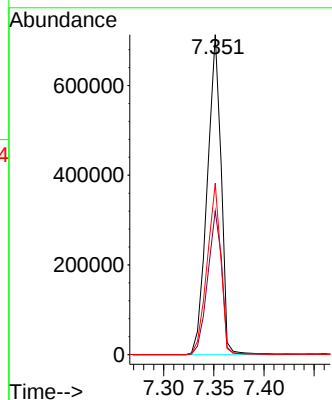
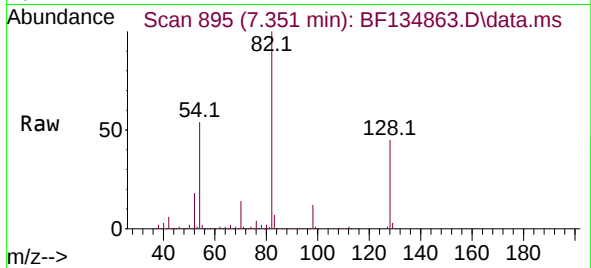




#23  
Nitrobenzene-d5  
Concen: 58.097 ng  
RT: 7.351 min Scan# 89  
Delta R.T. -0.017 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

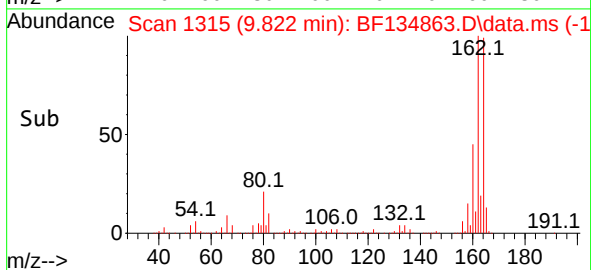
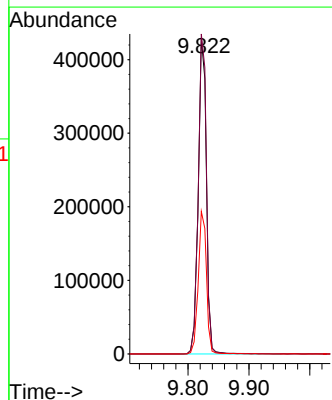
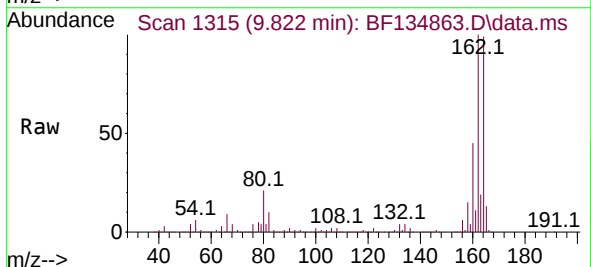
Instrument :  
BNA\_F  
ClientSampleId :  
B-PP10B

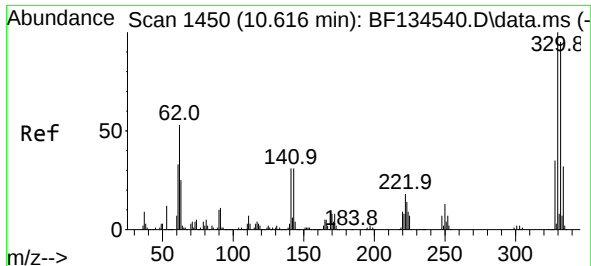
Tgt Ion: 82 Resp: 683975  
Ion Ratio Lower Upper  
82 100  
128 44.9 34.3 51.5  
54 53.5 43.8 65.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.012 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

Tgt Ion: 164 Resp: 397589  
Ion Ratio Lower Upper  
164 100  
162 101.3 82.6 123.8  
160 45.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 86.078 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134863.D

Acq: 21 Aug 2023 12:40

Instrument :

BNA\_F

ClientSampleId :

B-PP10B

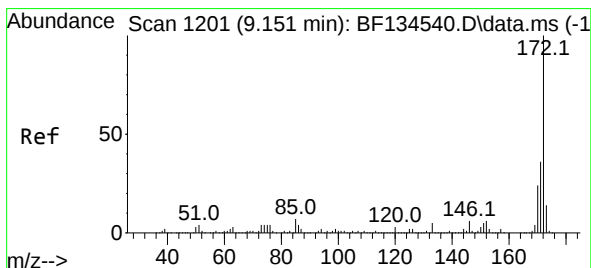
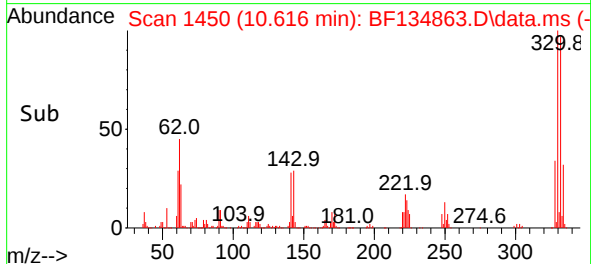
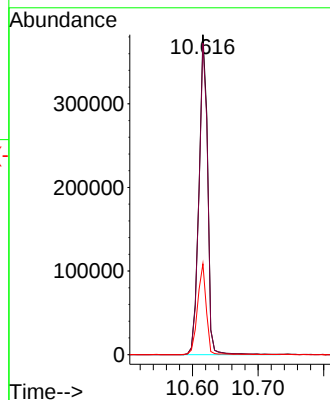
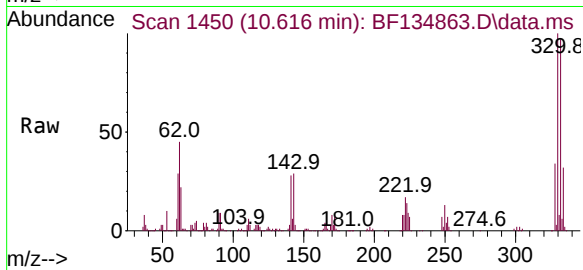
Tgt Ion:330 Resp: 348876

Ion Ratio Lower Upper

330 100

332 97.9 78.8 118.2

141 28.6 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 55.197 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF134863.D

Acq: 21 Aug 2023 12:40

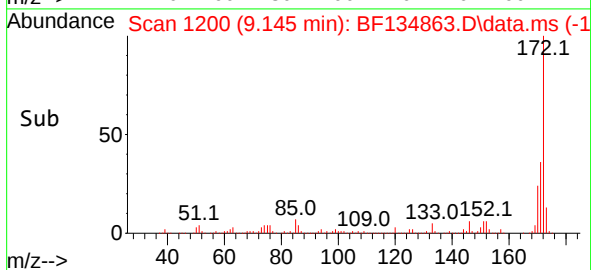
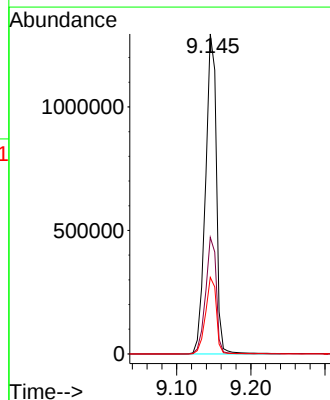
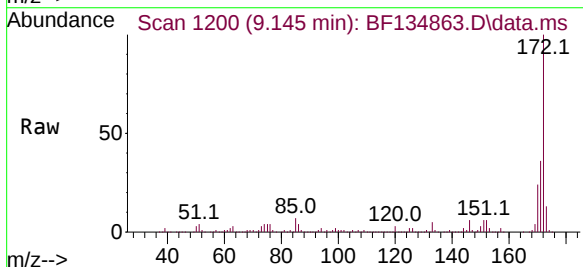
Tgt Ion:172 Resp: 1319888

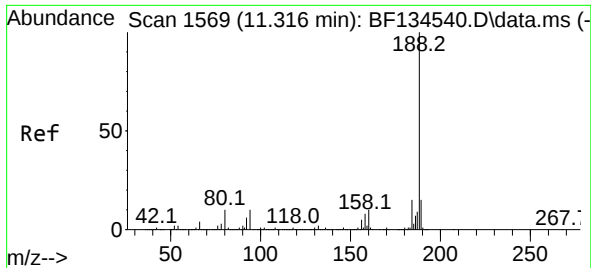
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.9 18.7 28.1

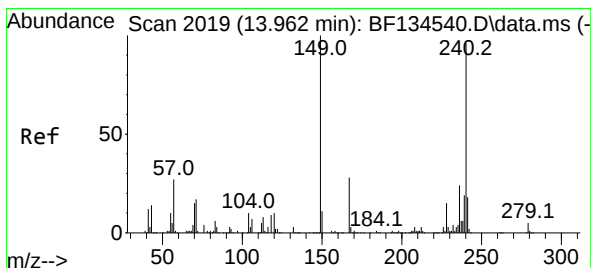
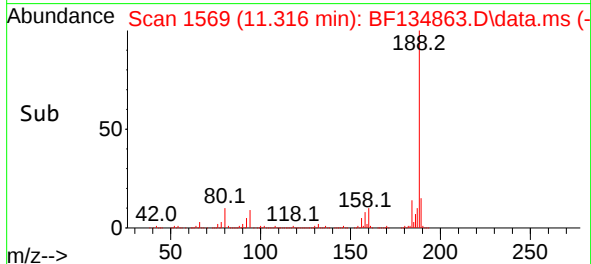
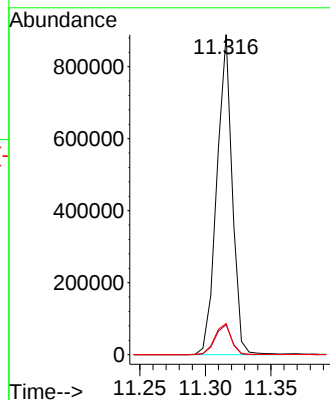
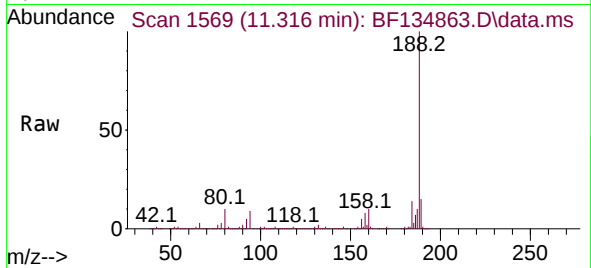




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.316 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

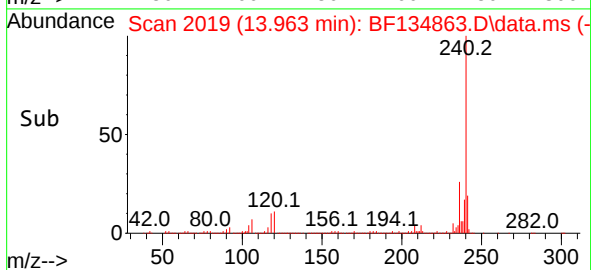
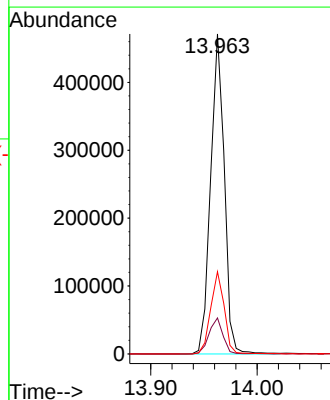
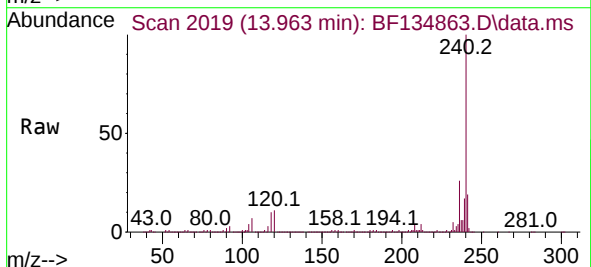
Instrument :  
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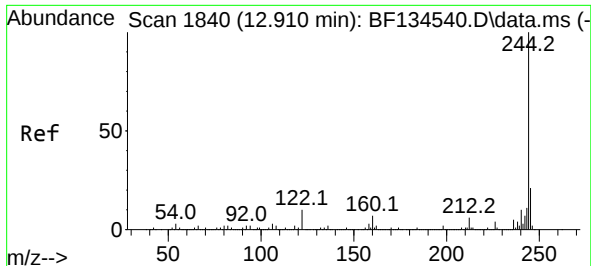
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Ion Ratio Lower Upper  
188 100  
94 9.4 5.1 7.7#  
80 9.7 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.012 min  
Lab File: BF134863.D  
Acq: 21 Aug 2023 12:40

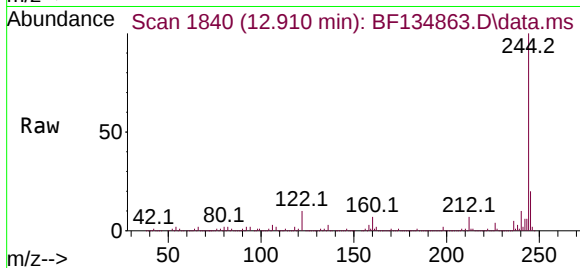
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120 11.2 6.6 10.0#  
236 25.7 20.2 30.2





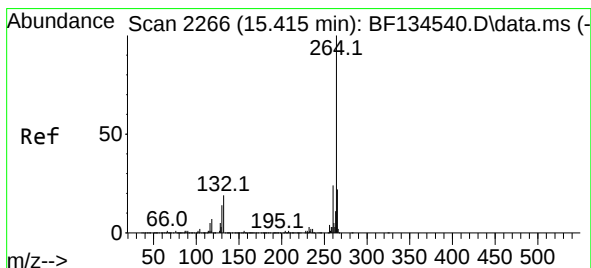
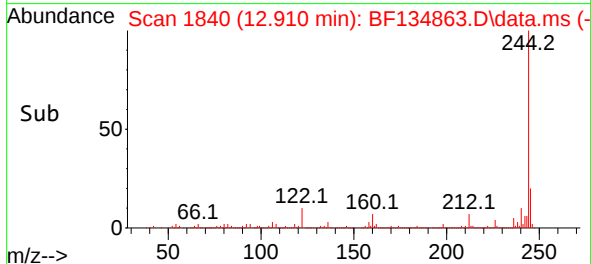
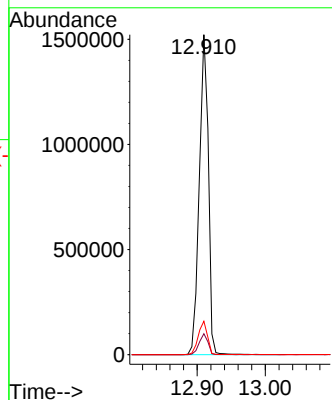
#79  
 Terphenyl-d14  
 Concen: 58.972 ng  
 RT: 12.910 min Scan# 1840  
 Delta R.T. -0.012 min  
 Lab File: BF134863.D  
 Acq: 21 Aug 2023 12:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-PP10B



Tgt Ion:244 Resp: 1406387  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.5   | 5.6   | 8.4   |
| 122 | 10.4  | 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: BF134863.D  
 Acq: 21 Aug 2023 12:40

Tgt Ion:264 Resp: 397854  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.5  | 18.4  | 27.6  |
| 265 | 21.6  | 15.8  | 23.8  |

