

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072423\  
 Data File : BF134439.D  
 Acq On : 24 Jul 2023 20:38  
 Operator : CG\JU  
 Sample : PB154372BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB154372BL

Quant Time: Jul 25 02:53:27 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 25 01:46:04 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 61457    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.110  | 136  | 240000   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.869  | 164  | 123151   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 248358   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.027 | 240  | 208300   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.533 | 264  | 199114   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 513016   | 137.918 | ng    | 0.02     |
| 7) Phenol-d6                | 6.481  | 99   | 599225   | 131.484 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 418014   | 88.122  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 230901   | 131.962 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 794248   | 84.667  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.969 | 244  | 1018617  | 85.365  | ng    | 0.00     |

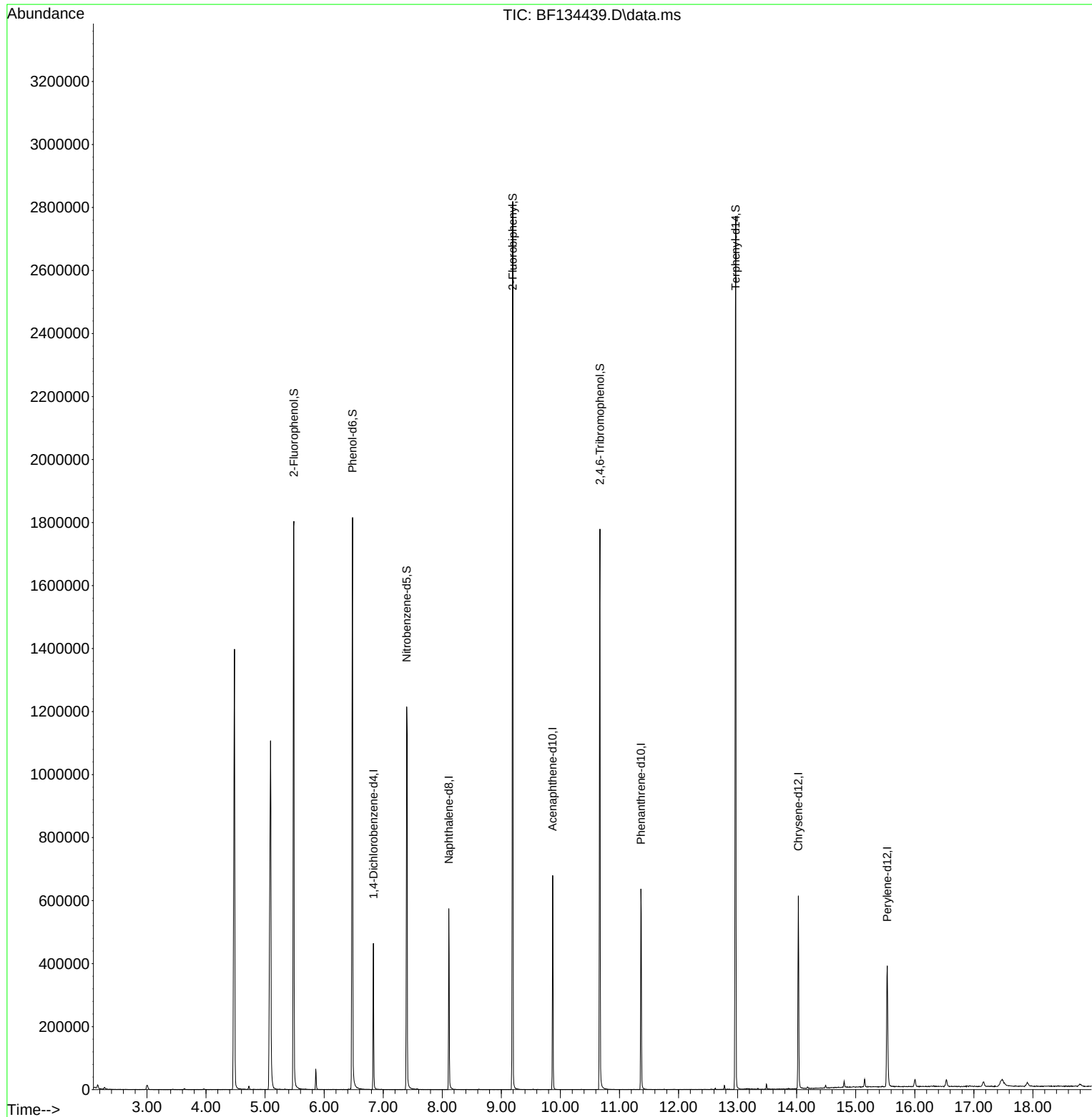
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

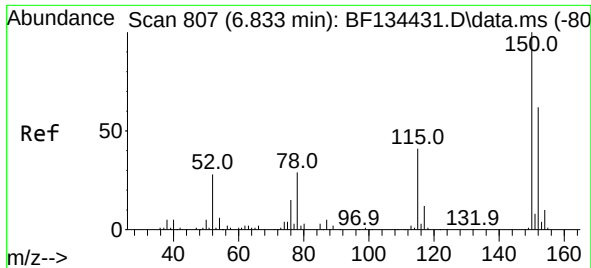
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 25 01:46:04 2023  
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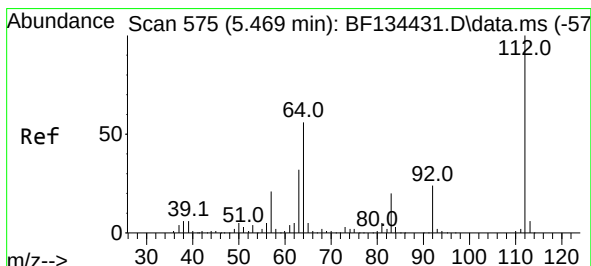
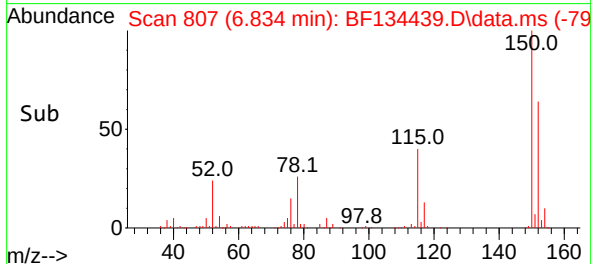
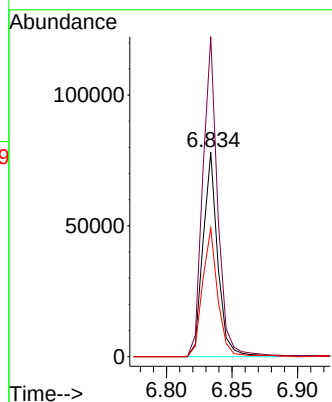
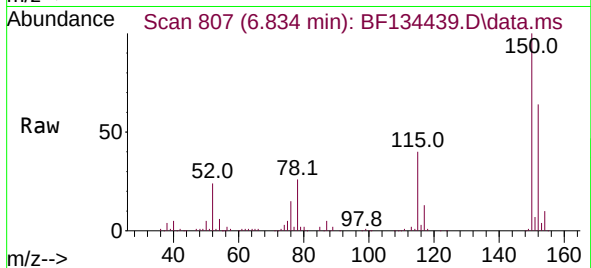




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.834 min Scan# 80  
 Delta R.T. 0.001 min  
 Lab File: BF134439.D  
 Acq: 24 Jul 2023 20:38

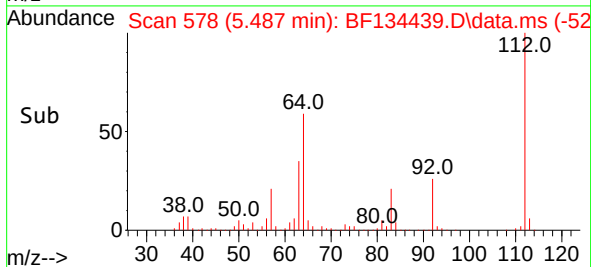
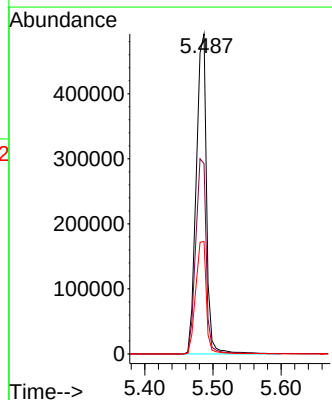
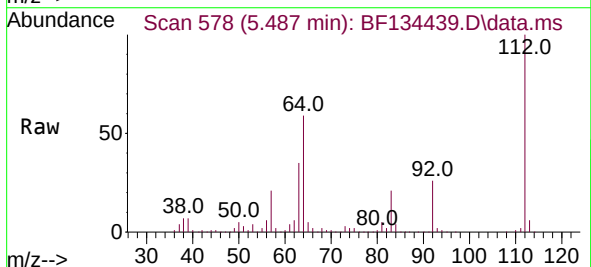
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB154372BL

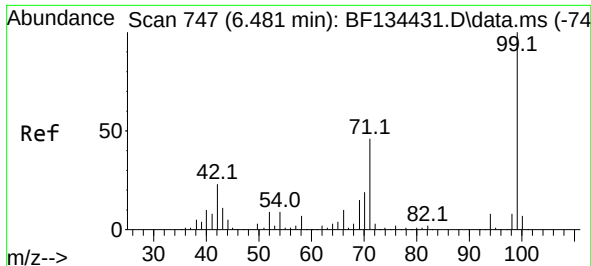
Tgt Ion:152 Resp: 61457  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 128.3 192.5  
 115 62.8 52.4 78.6



#5  
 2-Fluorophenol  
 Concen: 137.918 ng  
 RT: 5.487 min Scan# 578  
 Delta R.T. 0.018 min  
 Lab File: BF134439.D  
 Acq: 24 Jul 2023 20:38

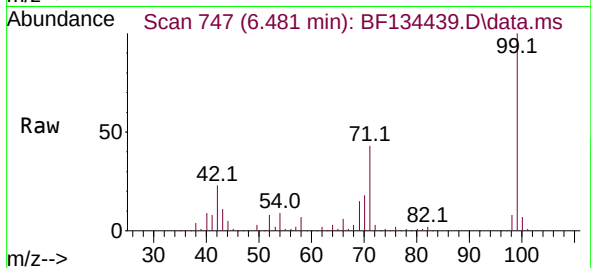
Tgt Ion:112 Resp: 513016  
 Ion Ratio Lower Upper  
 112 100  
 64 59.4 44.9 67.3  
 63 35.2 25.4 38.0



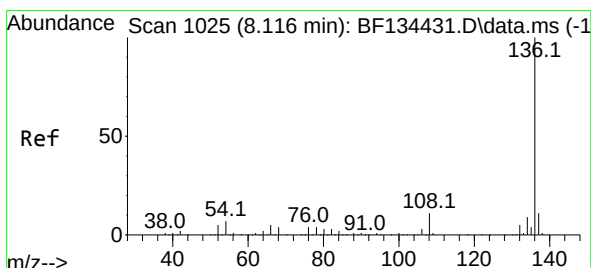
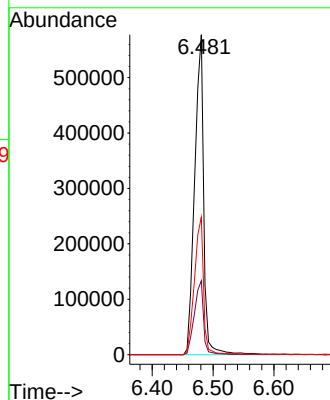
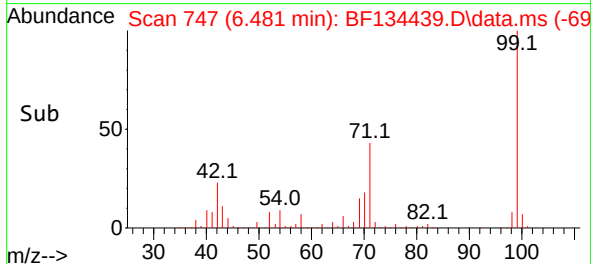


#7  
Phenol-d6  
Concen: 131.484 ng  
RT: 6.481 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38

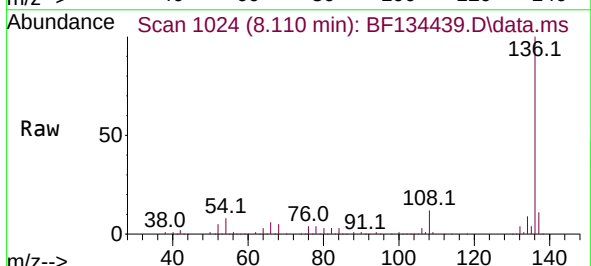
Instrument :  
BNA\_F  
ClientSampleId :  
PB154372BL



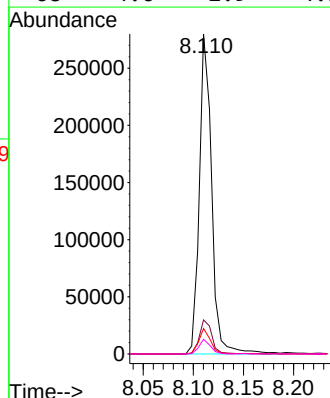
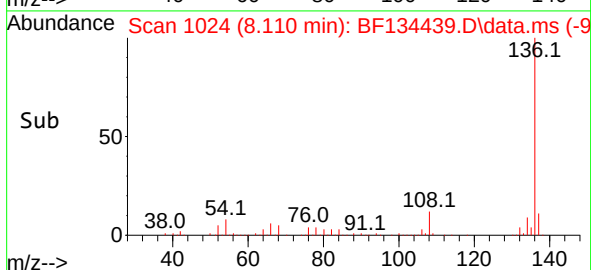
Tgt Ion: 99 Resp: 599225  
Ion Ratio Lower Upper  
99 100  
42 23.1 18.7 28.1  
71 42.9 36.4 54.6

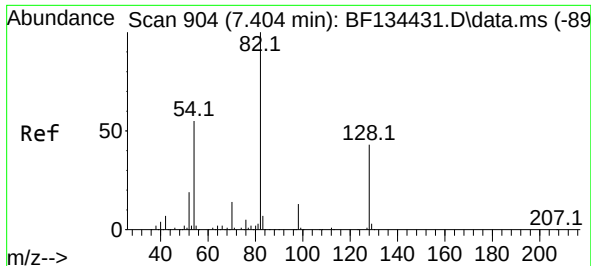


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38



Tgt Ion: 136 Resp: 240000  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.4 12.6  
54 8.0 5.2 7.8#  
68 4.6 2.9 4.3#

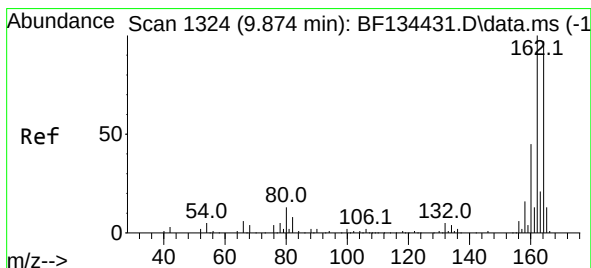
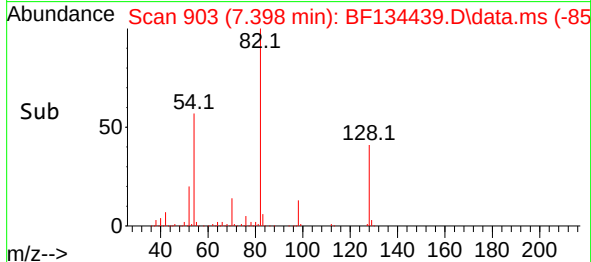
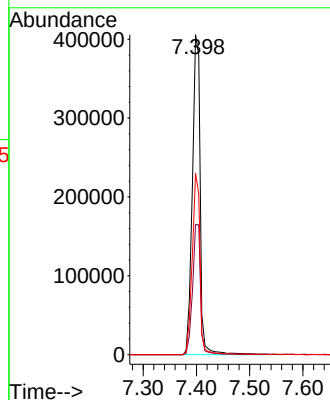
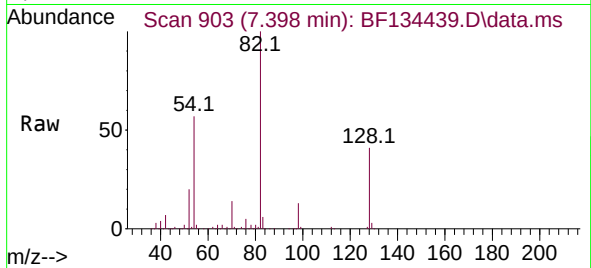




#23  
Nitrobenzene-d5  
Concen: 88.122 ng  
RT: 7.398 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38

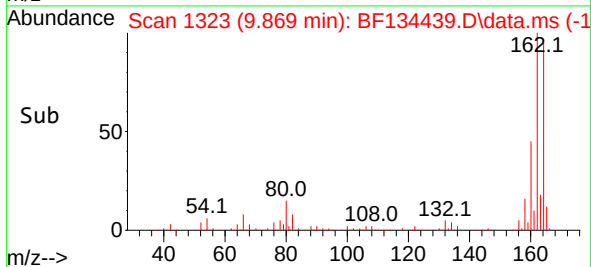
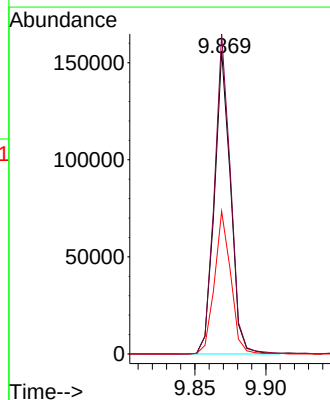
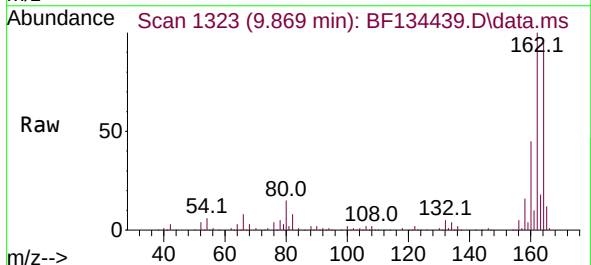
Instrument :  
BNA\_F  
ClientSampleId :  
PB154372BL

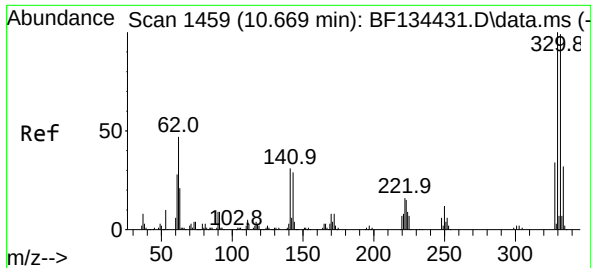
Tgt Ion: 82 Resp: 418014  
Ion Ratio Lower Upper  
82 100  
128 40.7 34.3 51.5  
54 56.6 43.8 65.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38

Tgt Ion: 164 Resp: 123151  
Ion Ratio Lower Upper  
164 100  
162 105.5 82.6 123.8  
160 47.1 37.2 55.8

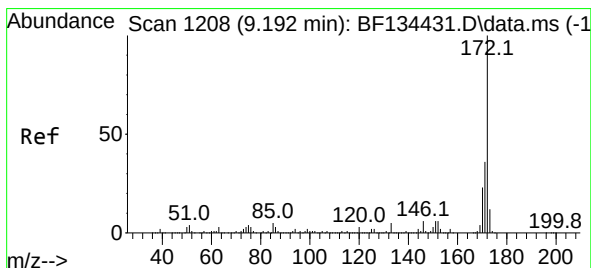
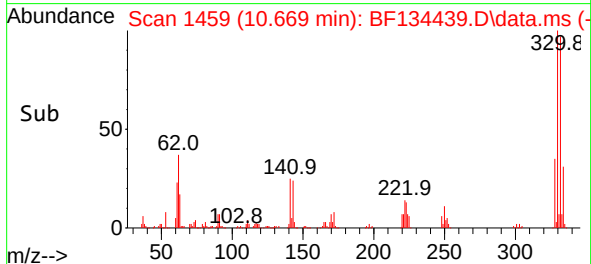
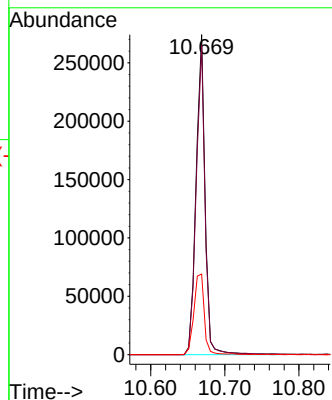
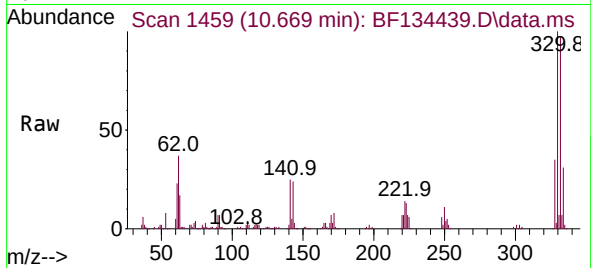




#42  
2,4,6-Tribromophenol  
Concen: 131.962 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38

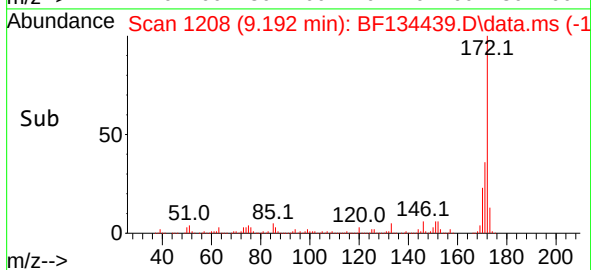
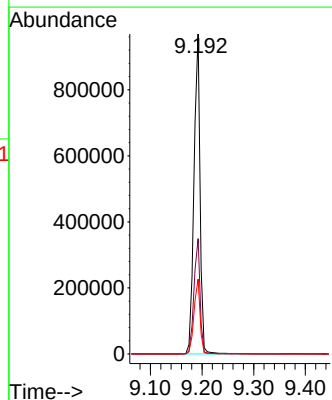
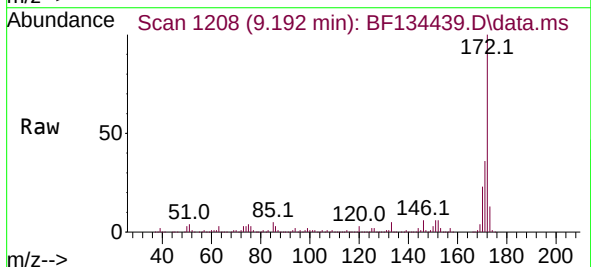
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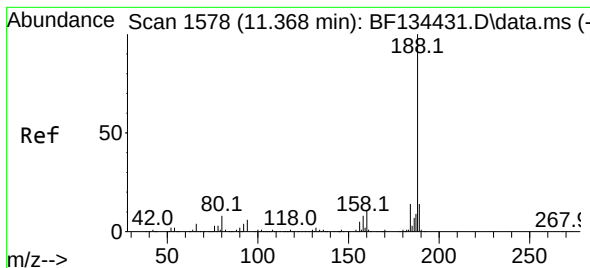
Tgt Ion:330 Resp: 230901  
Ion Ratio Lower Upper  
330 100  
332 95.5 78.8 118.2  
141 29.5 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 84.667 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38

Tgt Ion:172 Resp: 794248  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.8 43.2  
170 23.4 18.7 28.1

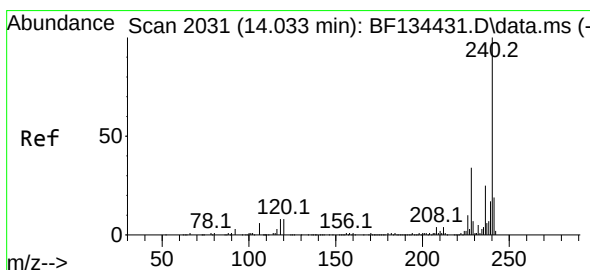
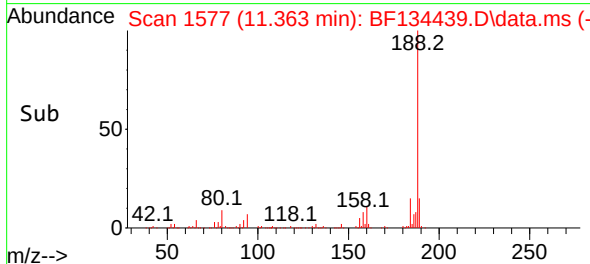
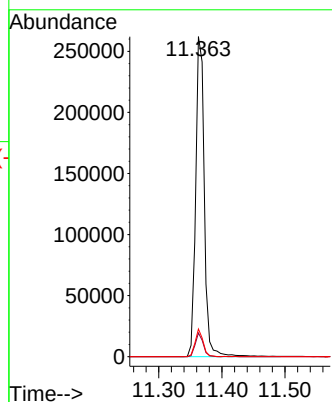
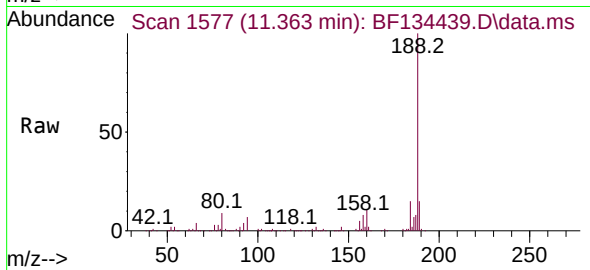




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38

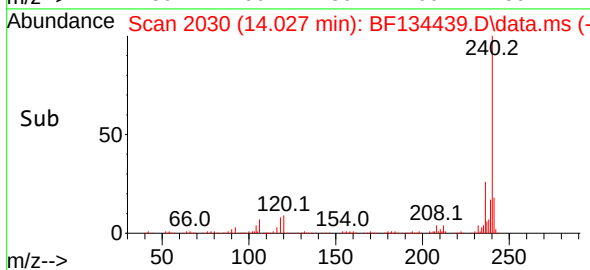
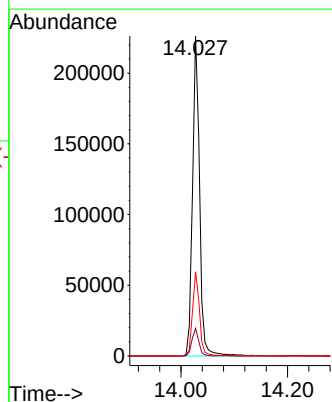
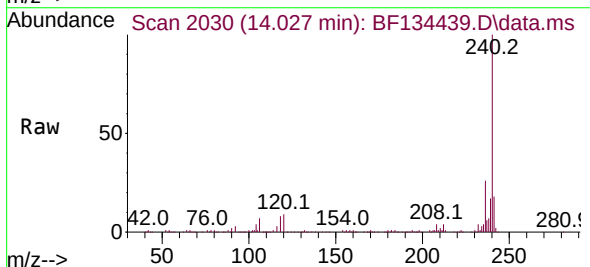
Instrument :  
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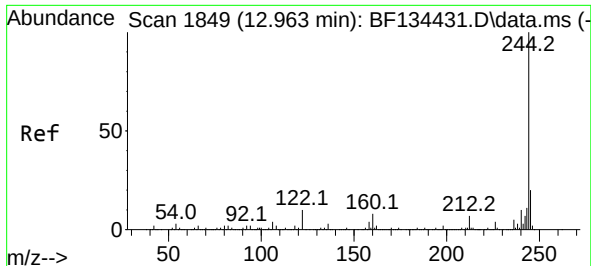
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Ion Ratio Lower Upper  
188 100  
94 7.4 5.1 7.7  
80 8.7 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF134439.D  
Acq: 24 Jul 2023 20:38

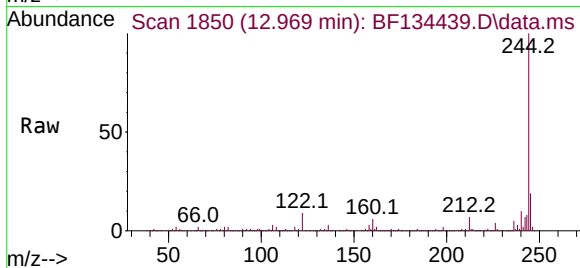
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Ion Ratio Lower Upper  
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120 8.6 6.6 10.0  
236 26.3 20.2 30.2



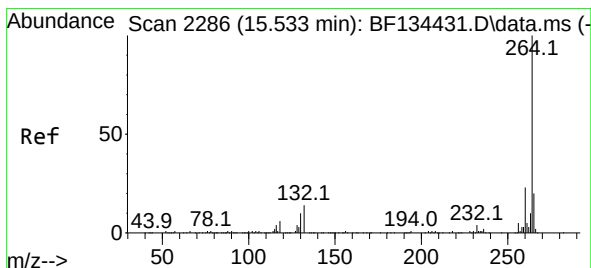
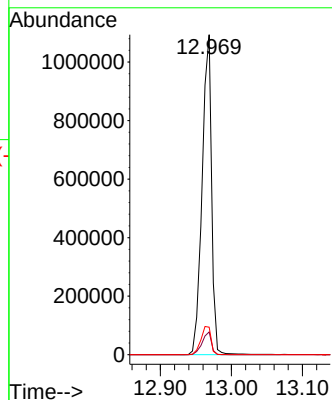
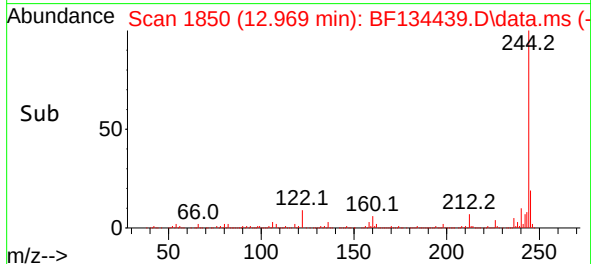


#79  
 Terphenyl-d14  
 Concen: 85.365 ng  
 RT: 12.969 min Scan# 1849  
 Delta R.T. 0.006 min  
 Lab File: BF134439.D  
 Acq: 24 Jul 2023 20:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB154372BL



Tgt Ion:244 Resp: 1018617  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 8.6 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2286  
 Delta R.T. 0.000 min  
 Lab File: BF134439.D  
 Acq: 24 Jul 2023 20:38

Tgt Ion:264 Resp: 199114  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.4 27.6  
 265 21.3 15.8 23.8

