

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122923\  
 Data File : BF136854.D  
 Acq On : 30 Dec 2023 05:14  
 Operator : CG\JU  
 Sample : 05897-14  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-40-D

Quant Time: Dec 30 05:34:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 21 01:54:25 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 68033    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 263441   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.816  | 164  | 132100   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 242328   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.963 | 240  | 134897   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.445 | 264  | 135011   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 333755   | 76.544 | ng    | 0.00     |
| 7) Phenol-d6                | 6.422  | 99   | 430025   | 76.112 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.340  | 82   | 268119   | 52.080 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 46862    | 30.121 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.134  | 172  | 541621   | 55.146 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.904 | 244  | 495853   | 51.368 | ng    | -0.01    |

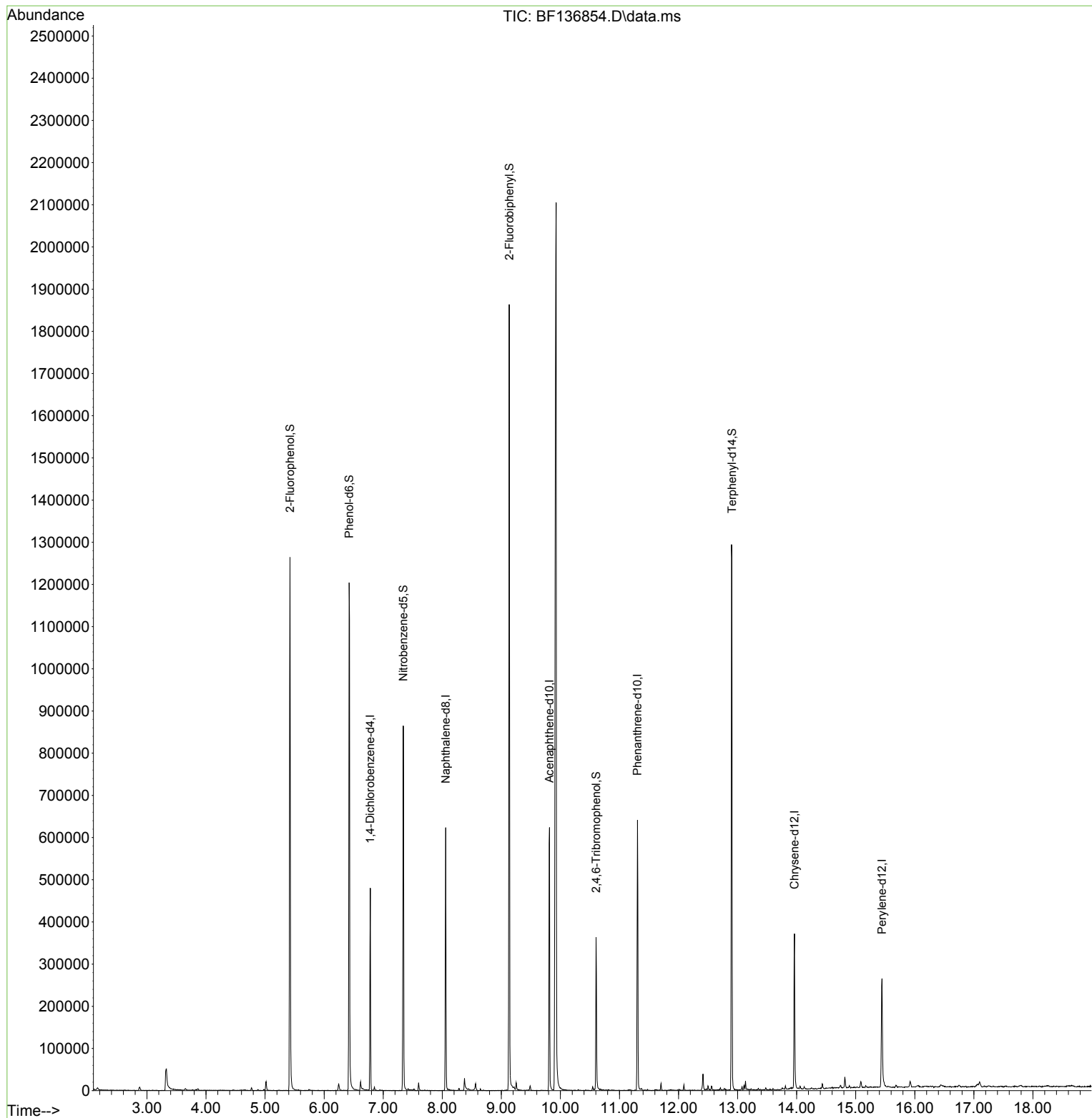
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

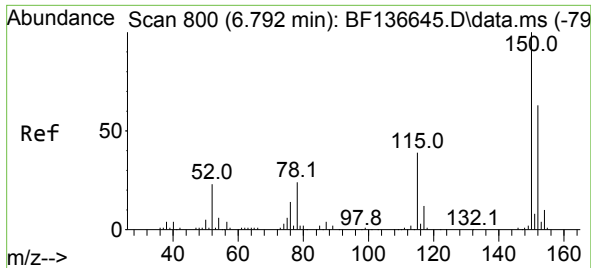
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 21 01:54:25 2023  
Response via : Initial Calibration

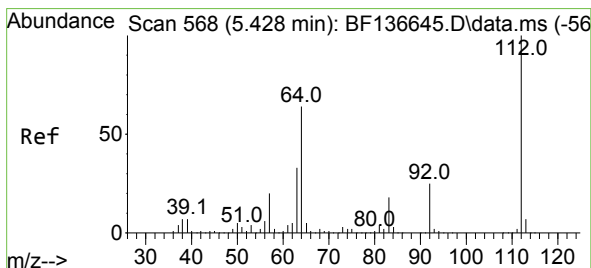
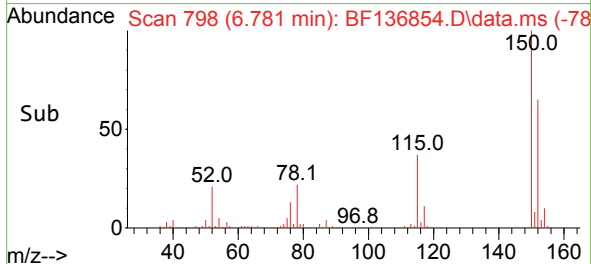
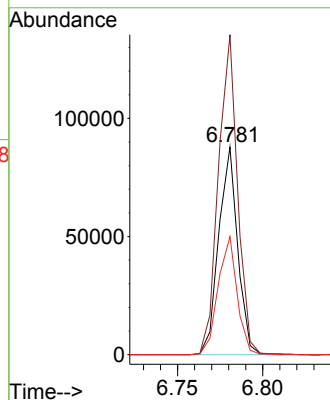
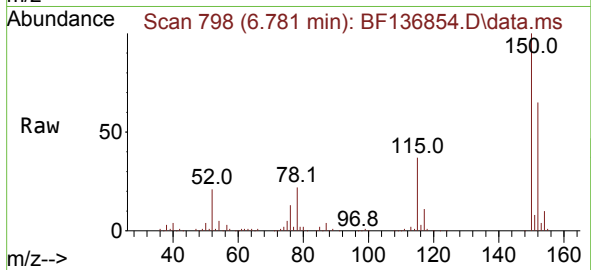




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

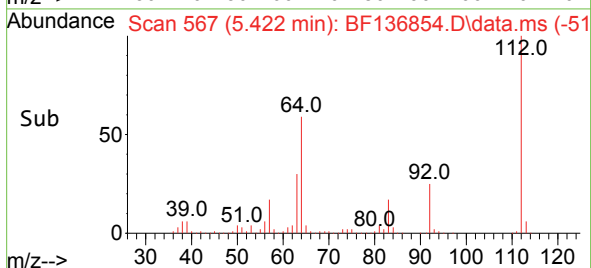
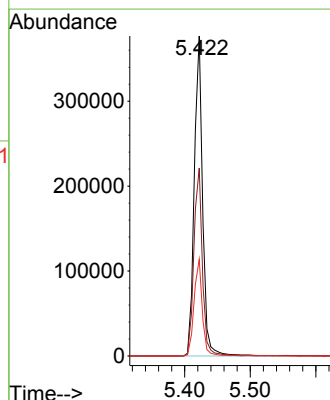
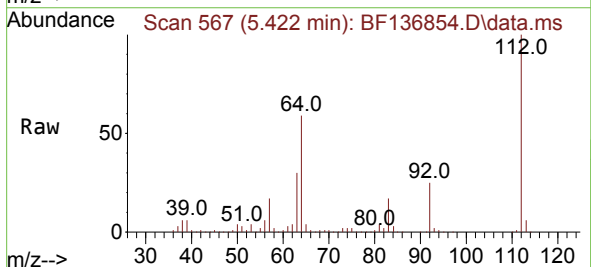
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-40-D

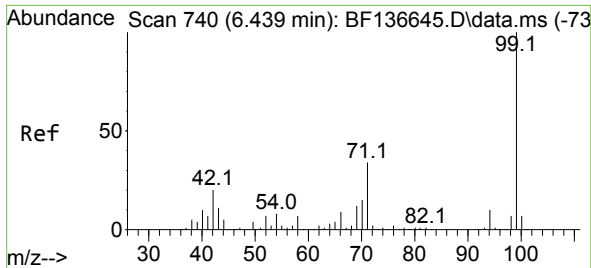
Tgt Ion:152 Resp: 68033  
Ion Ratio Lower Upper  
152 100  
150 154.1 127.0 190.6  
115 56.9 49.0 73.4



#5  
2-Fluorophenol  
Concen: 76.544 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

Tgt Ion:112 Resp: 333755  
Ion Ratio Lower Upper  
112 100  
64 58.7 51.1 76.7  
63 30.2 26.1 39.1

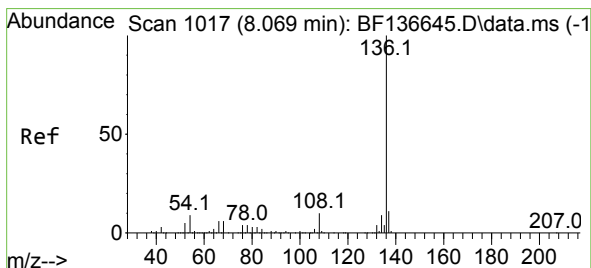
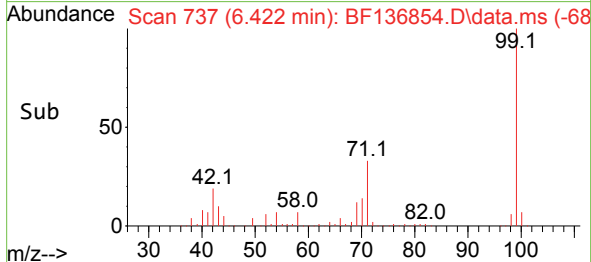
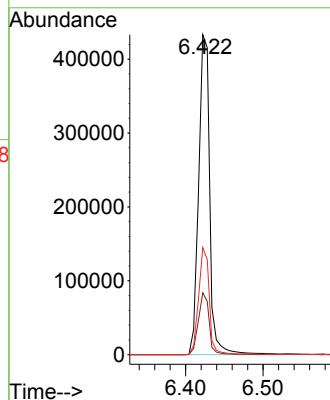
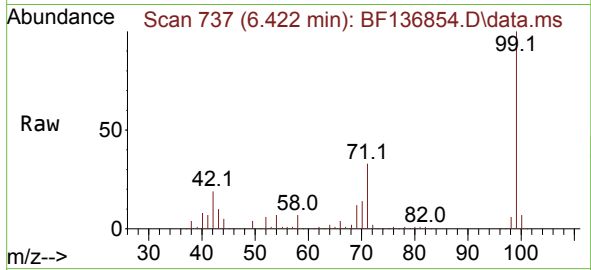




#7  
Phenol-d6  
Concen: 76.112 ng  
RT: 6.422 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

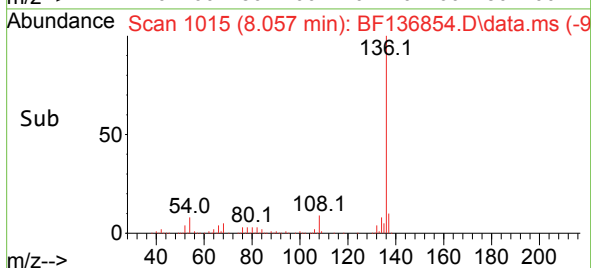
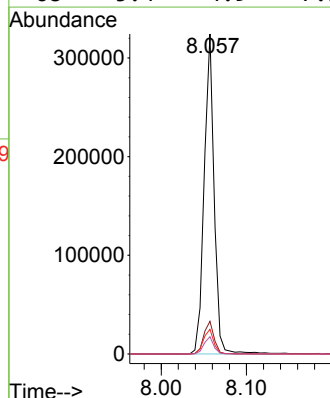
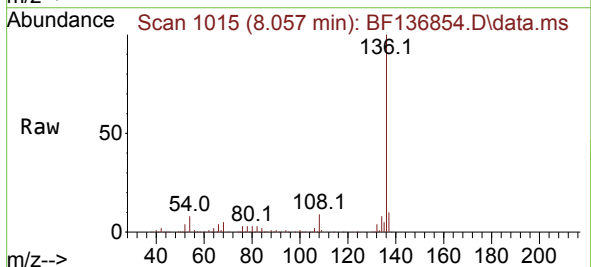
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-40-D

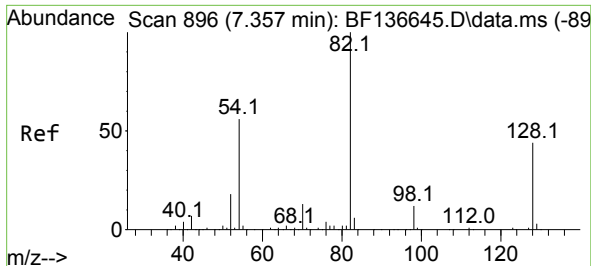
Tgt Ion: 99 Resp: 430025  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.1 24.1  
71 33.5 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

Tgt Ion: 136 Resp: 263441  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.0 13.4  
54 7.7 7.2 10.8  
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 52.080 ng

RT: 7.340 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF136854.D

Acq: 30 Dec 2023 05:14

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-40-D

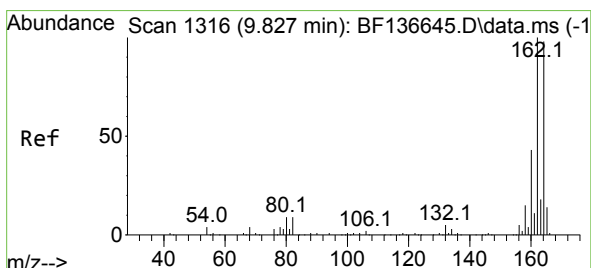
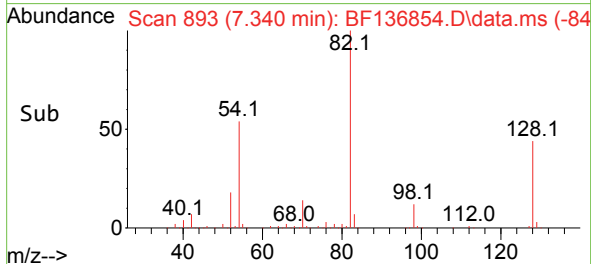
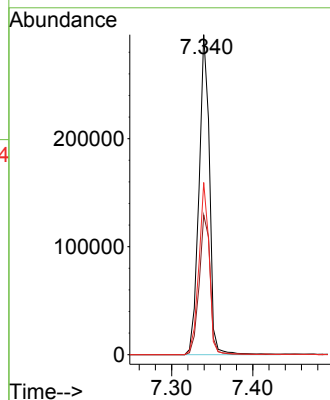
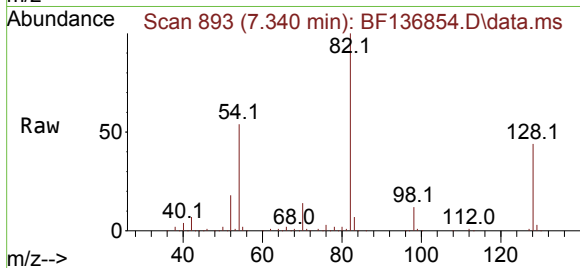
Tgt Ion: 82 Resp: 268119

Ion Ratio Lower Upper

82 100

128 43.7 35.3 52.9

54 53.8 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136854.D

Acq: 30 Dec 2023 05:14

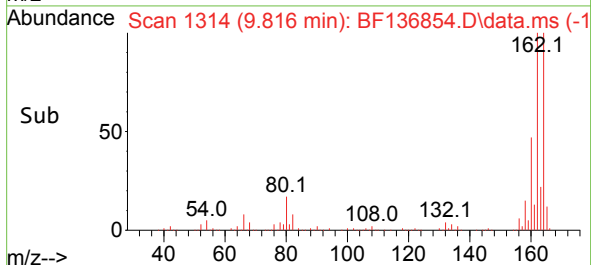
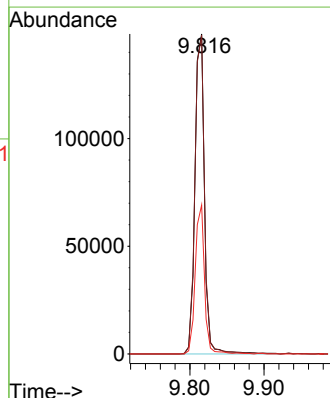
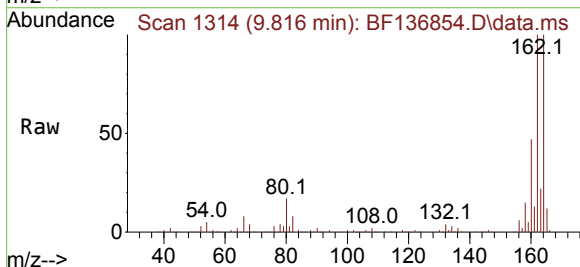
Tgt Ion:164 Resp: 132100

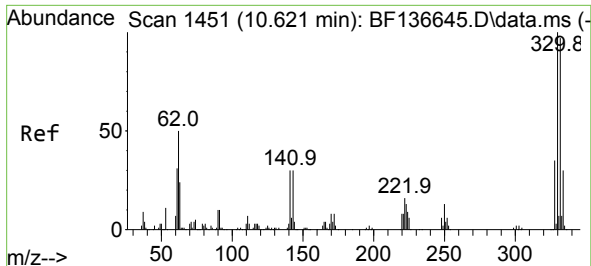
Ion Ratio Lower Upper

164 100

162 99.6 81.6 122.4

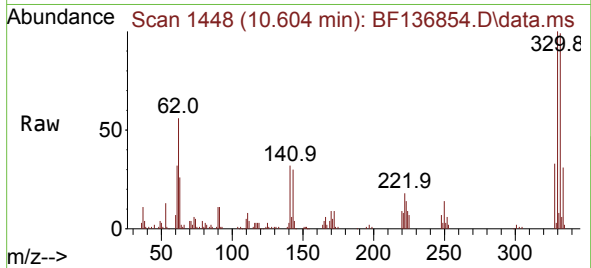
160 46.5 34.9 52.3



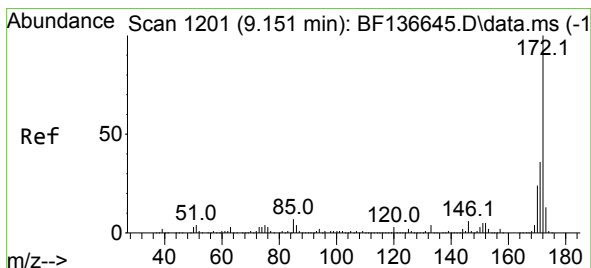
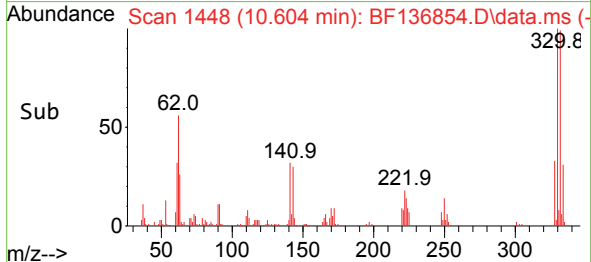
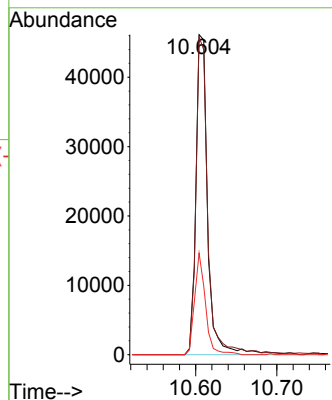


#42  
2,4,6-Tribromophenol  
Concen: 30.121 ng  
RT: 10.604 min Scan# 1451  
Delta R.T. -0.017 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

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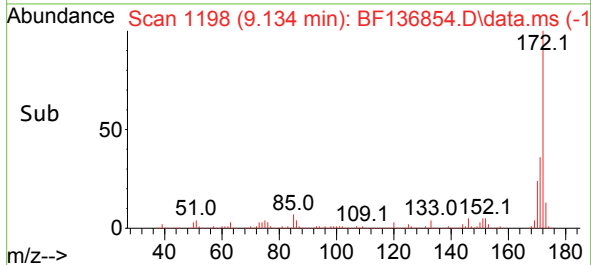
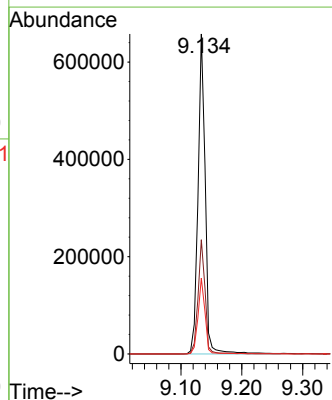
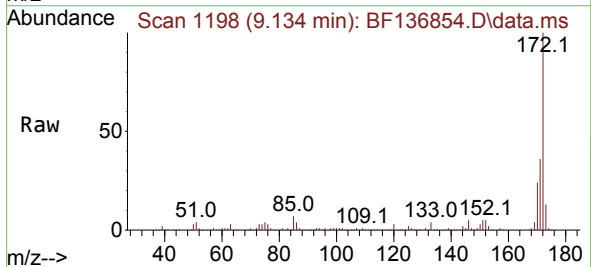


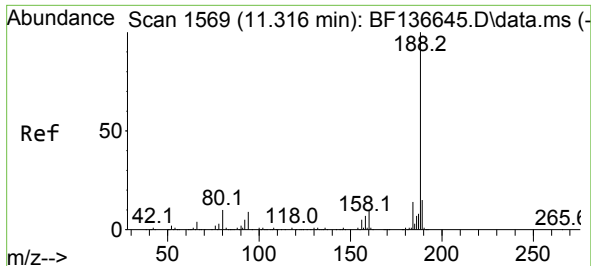
Tgt Ion: 330 Resp: 46862  
Ion Ratio Lower Upper  
330 100  
332 99.6 77.4 116.0  
141 29.2 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 55.146 ng  
RT: 9.134 min Scan# 1198  
Delta R.T. -0.017 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

Tgt Ion: 172 Resp: 541621  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.0 43.6  
170 23.7 19.0 28.4

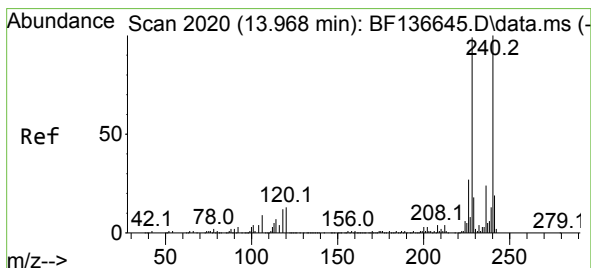
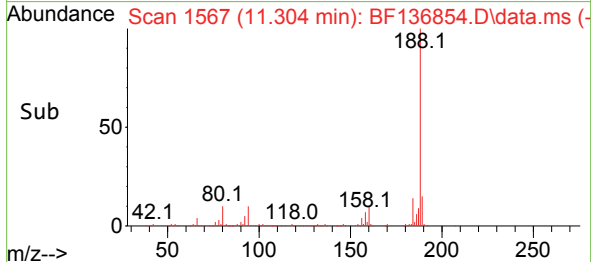
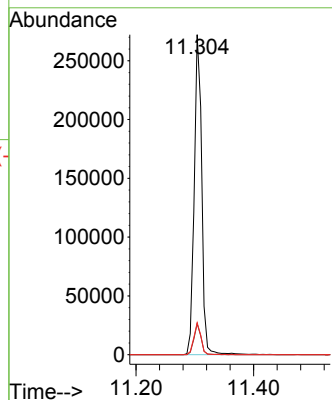
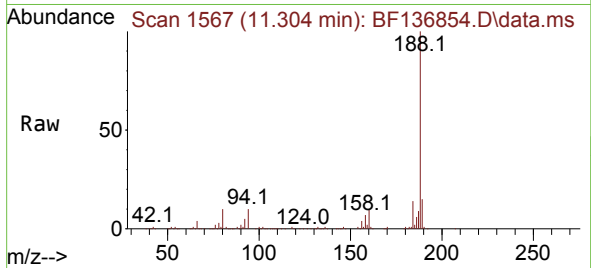




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

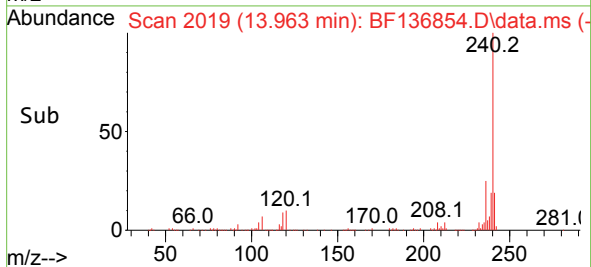
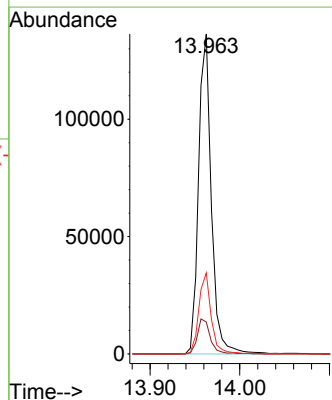
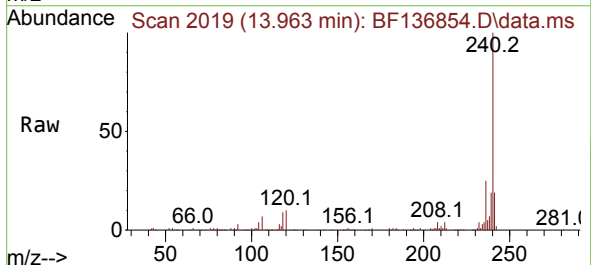
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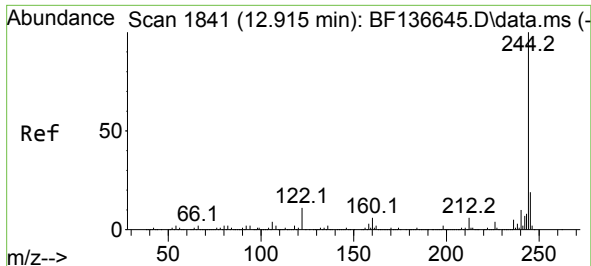
Tgt Ion:188 Resp: 242328  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.5 11.3  
80 10.0 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136854.D  
Acq: 30 Dec 2023 05:14

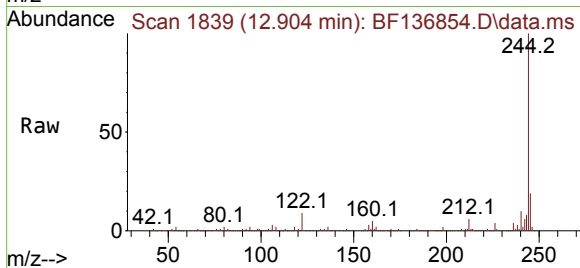
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236 25.3 19.4 29.2



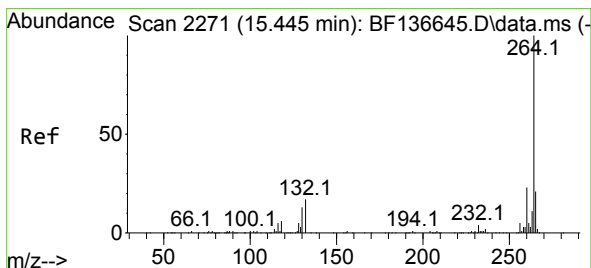
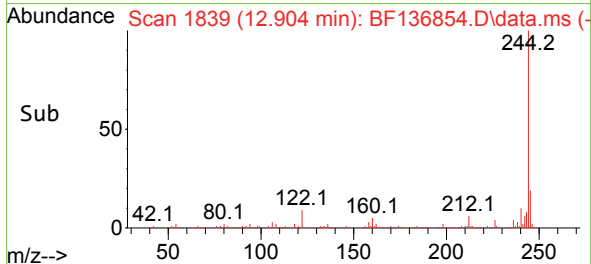
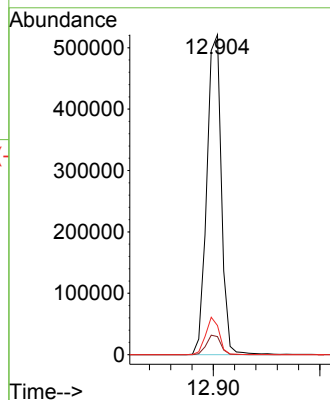


#79  
 Terphenyl-d14  
 Concen: 51.368 ng  
 RT: 12.904 min Scan# 1839  
 Delta R.T. -0.012 min  
 Lab File: BF136854.D  
 Acq: 30 Dec 2023 05:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-40-D



Tgt Ion:244 Resp: 495853  
 Ion Ratio Lower Upper  
 244 100  
 212 5.6 5.0 7.4  
 122 9.1 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 2271  
 Delta R.T. 0.000 min  
 Lab File: BF136854.D  
 Acq: 30 Dec 2023 05:14

Tgt Ion:264 Resp: 135011  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.3 27.5  
 265 19.8 17.0 25.6

