

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
 Data File : BF136892.D  
 Acq On : 03 Jan 2024 02:09  
 Operator : CG\JU  
 Sample : 05900-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-56

Quant Time: Jan 03 04:20:41 2024  
 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  | 72663    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 278836   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 138368   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 245360   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.957 | 240  | 135572   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.439 | 264  | 141635   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 446292   | 95.832 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 561069   | 92.979 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 355905   | 65.315 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 146579   | 89.948 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 674832   | 65.596 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.898 | 244  | 578707   | 59.653 | ng    | -0.02    |

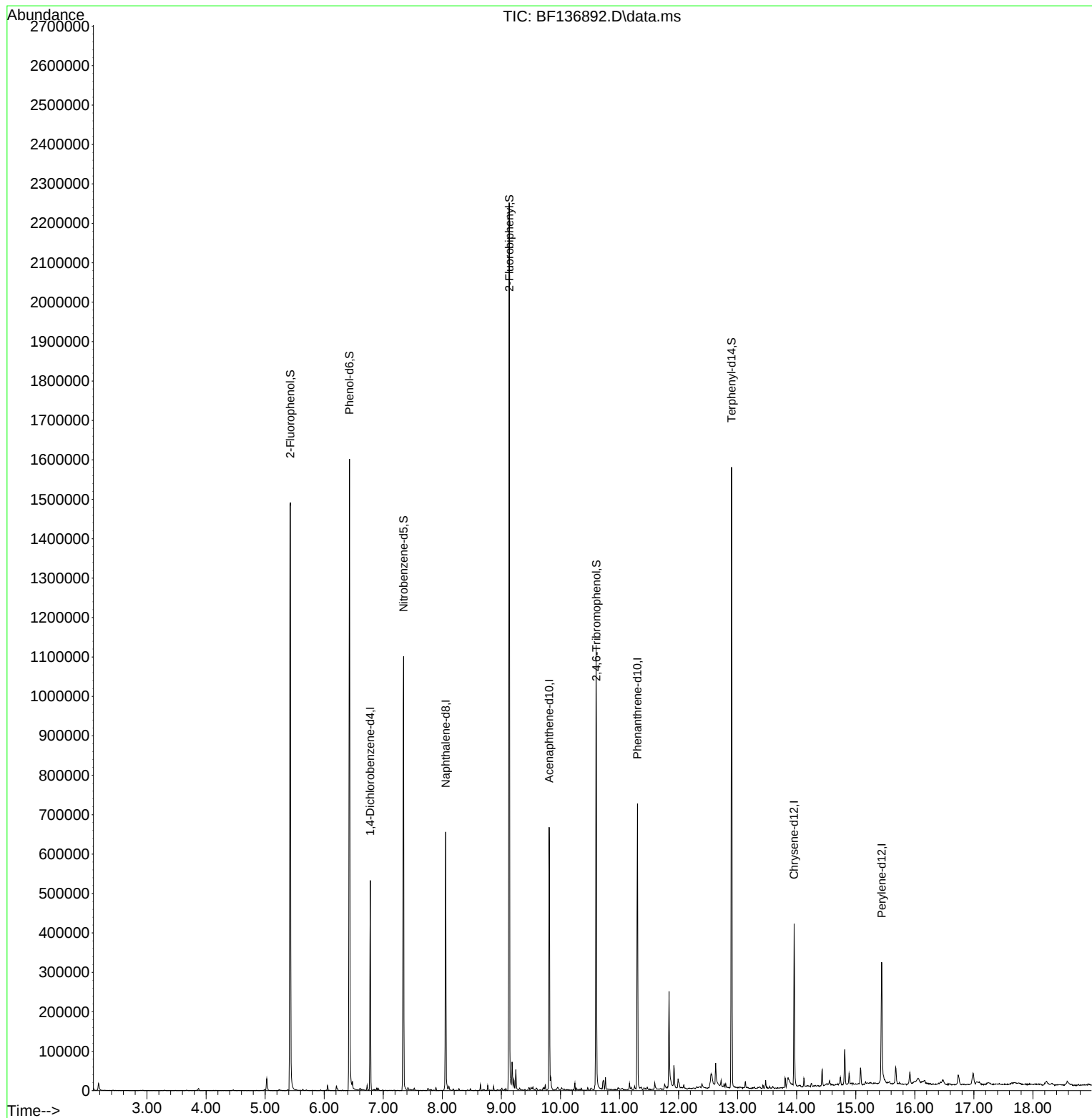
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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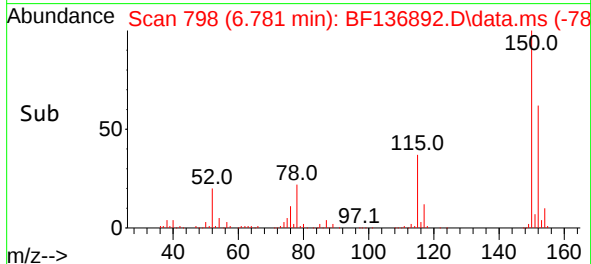
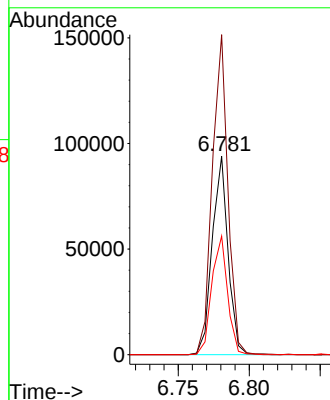
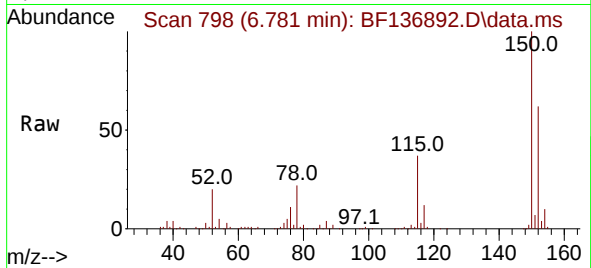




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BF136892.D  
Acq: 03 Jan 2024 02:09

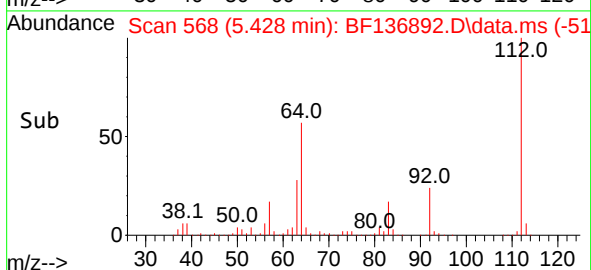
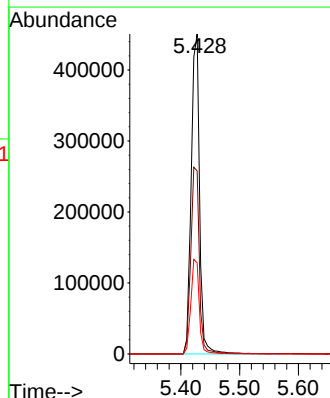
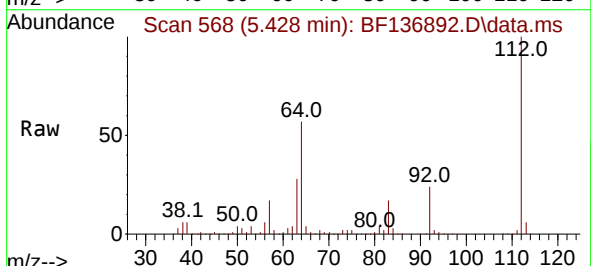
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-56

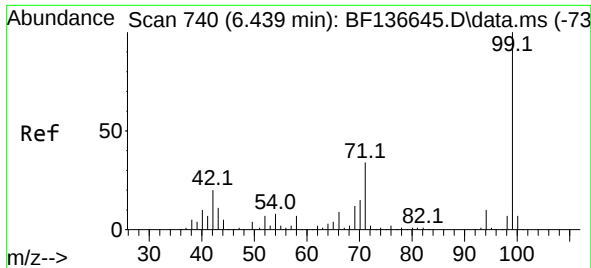
Tgt Ion:152 Resp: 72663  
Ion Ratio Lower Upper  
152 100  
150 161.3 127.0 190.6  
115 59.8 49.0 73.4



#5  
2-Fluorophenol  
Concen: 95.832 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF136892.D  
Acq: 03 Jan 2024 02:09

Tgt Ion:112 Resp: 446292  
Ion Ratio Lower Upper  
112 100  
64 57.2 51.1 76.7  
63 28.4 26.1 39.1

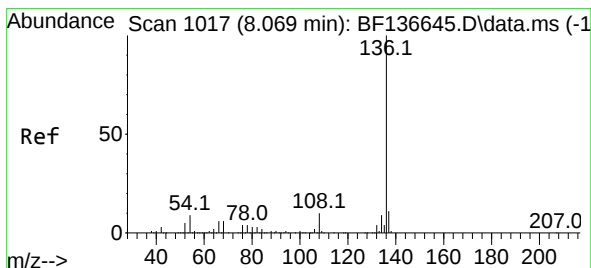
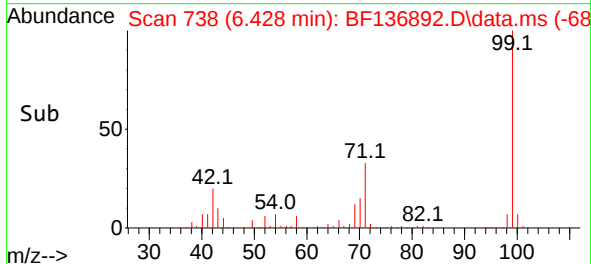
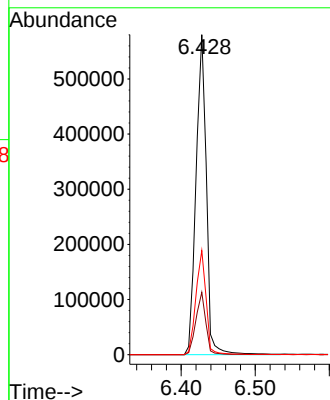
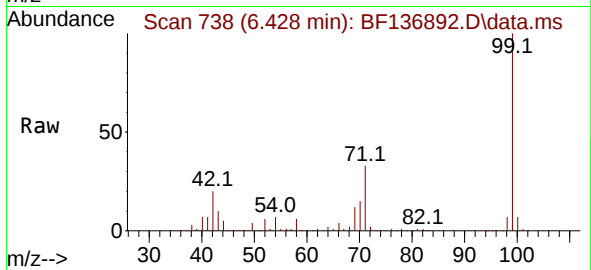




#7  
Phenol-d6  
Concen: 92.979 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136892.D  
Acq: 03 Jan 2024 02:09

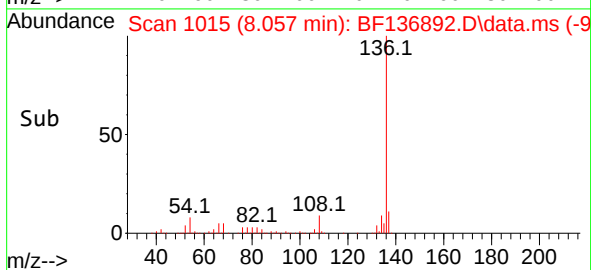
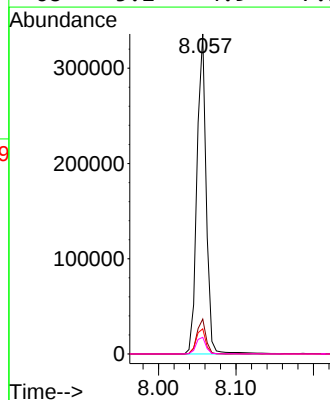
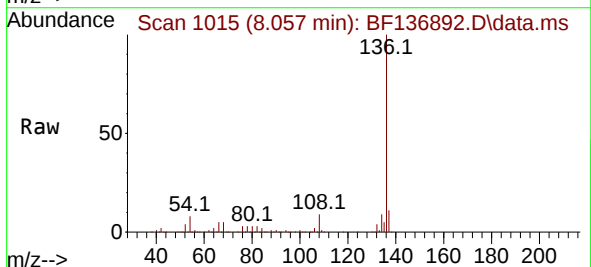
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-56

Tgt Ion: 99 Resp: 561069  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.1 24.1  
71 32.5 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: BF136892.D  
Acq: 03 Jan 2024 02:09

Tgt Ion: 136 Resp: 278836  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 7.8 7.2 10.8  
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 65.315 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-56

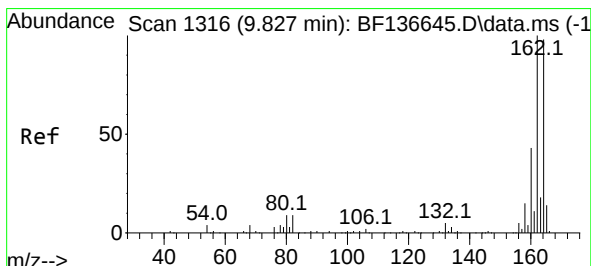
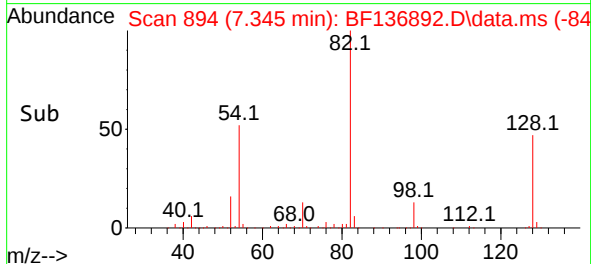
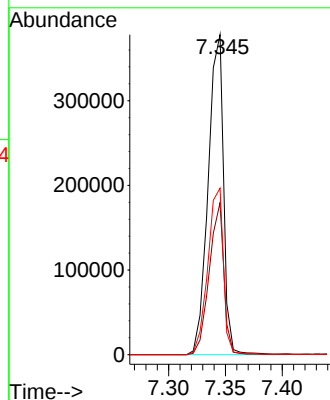
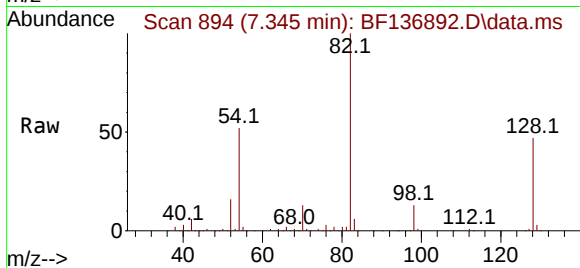
Tgt Ion: 82 Resp: 355905

Ion Ratio Lower Upper

82 100

128 47.5 35.3 52.9

54 52.0 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

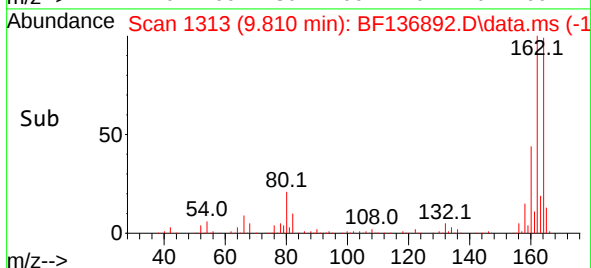
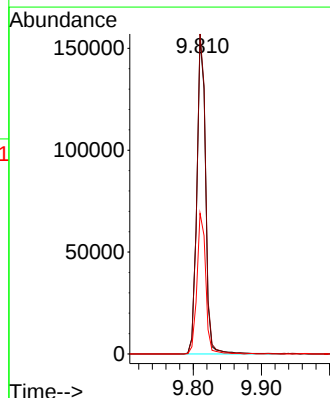
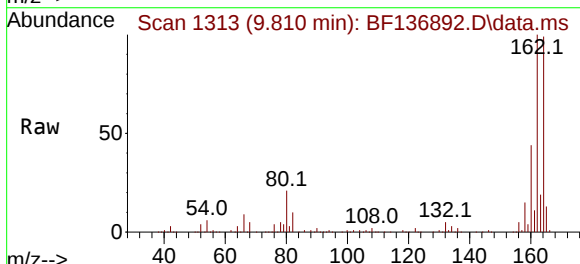
Tgt Ion:164 Resp: 138368

Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

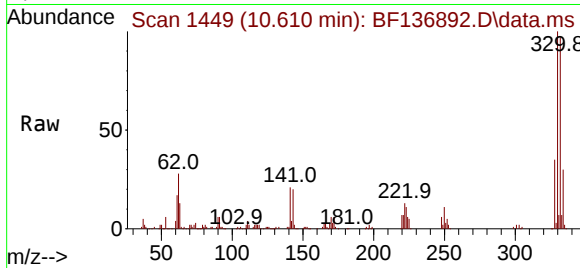
160 44.5 34.9 52.3



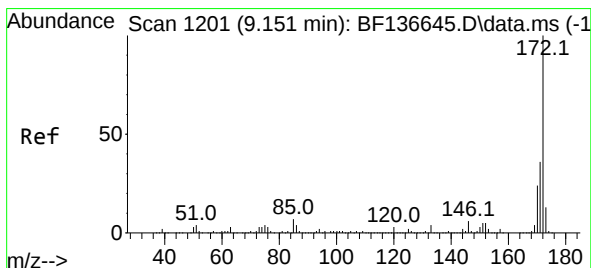
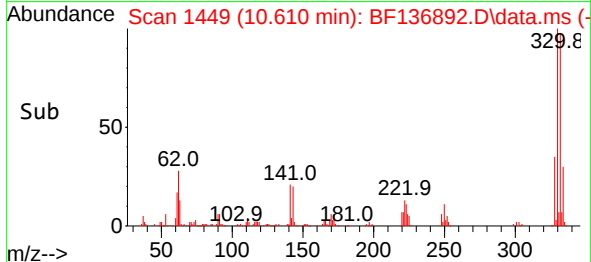
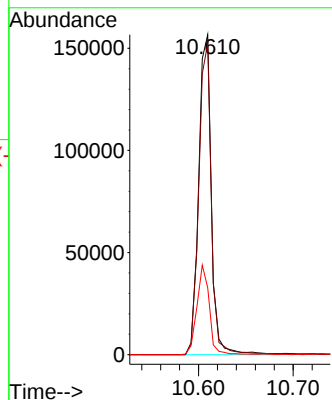


#42  
2,4,6-Tribromophenol  
Concen: 89.948 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. -0.012 min  
Lab File: BF136892.D  
Acq: 03 Jan 2024 02:09

Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-56

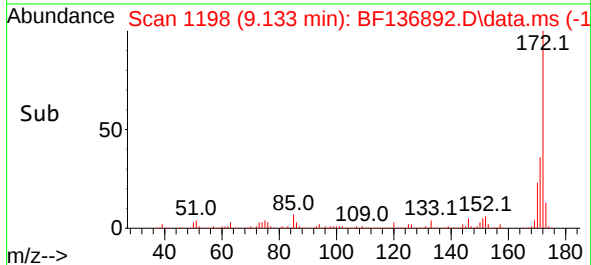
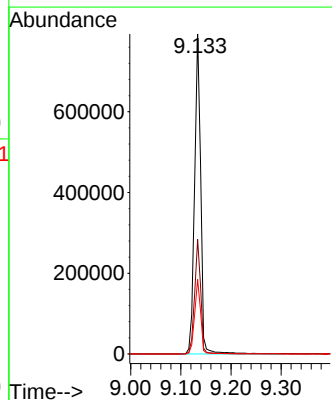
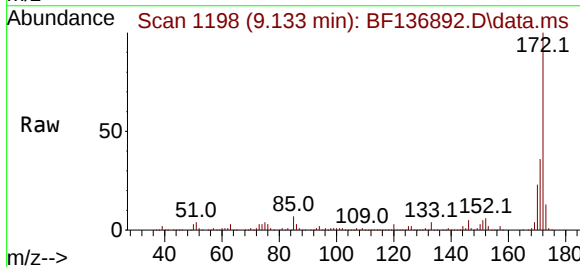


Tgt Ion: 330 Resp: 146579  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.4 116.0  
141 27.4 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 65.596 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. -0.018 min  
Lab File: BF136892.D  
Acq: 03 Jan 2024 02:09

Tgt Ion: 172 Resp: 674832  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.0 43.6  
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-56

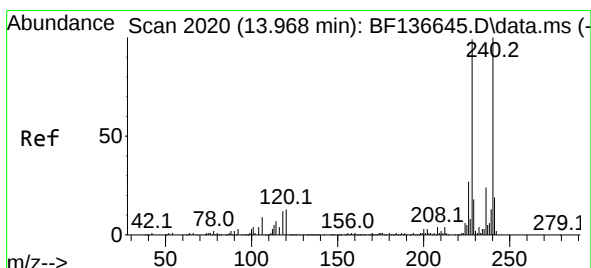
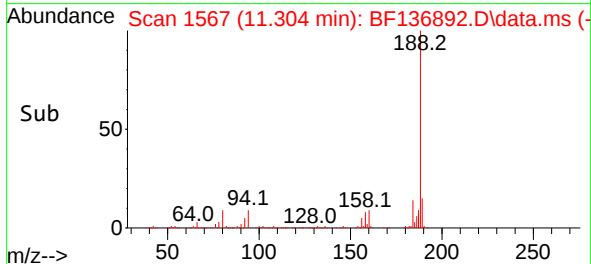
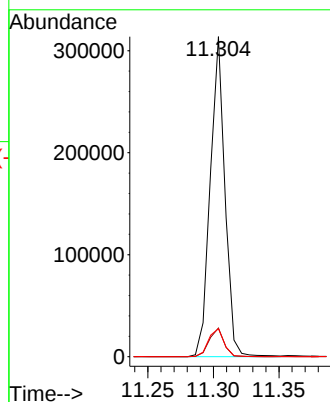
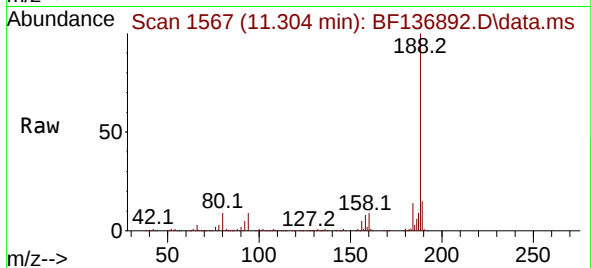
Tgt Ion:188 Resp: 245360

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

80 8.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF136892.D

Acq: 03 Jan 2024 02:09

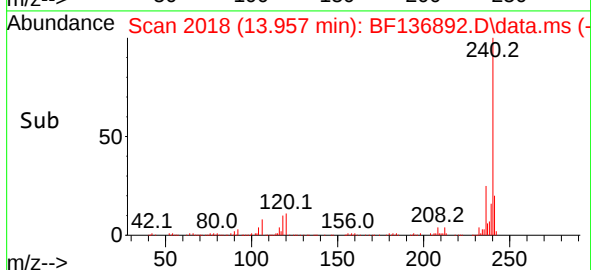
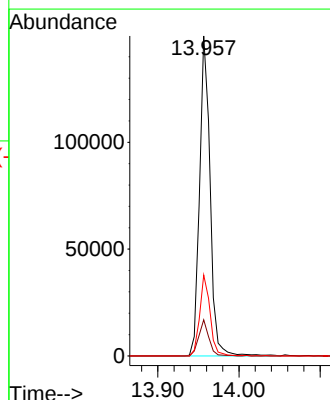
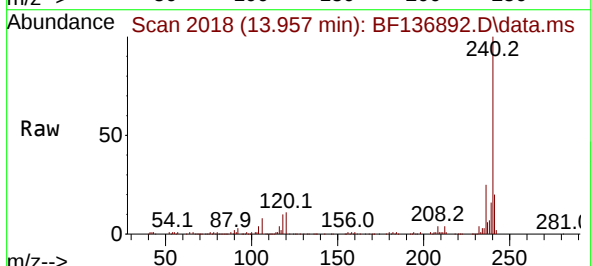
Tgt Ion:240 Resp: 135572

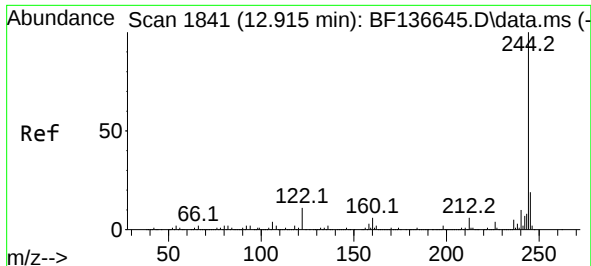
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

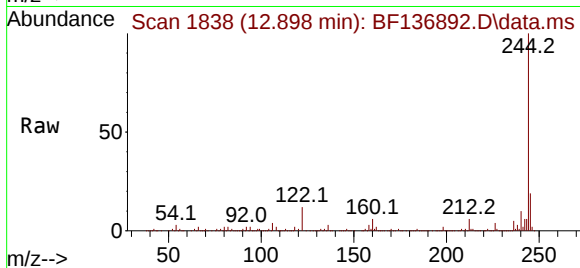
236 25.3 19.4 29.2



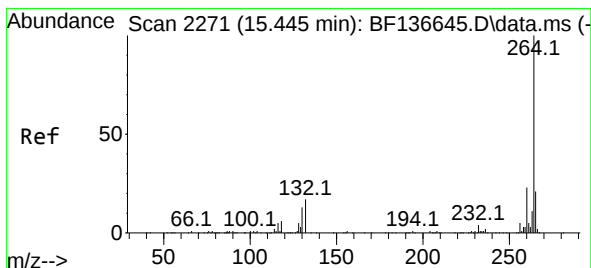
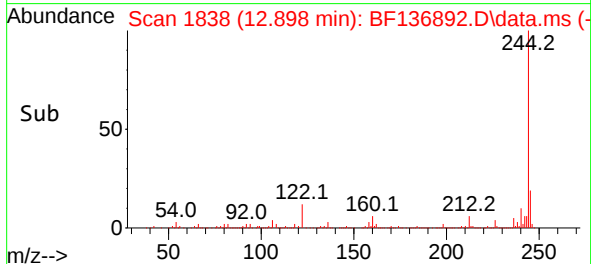
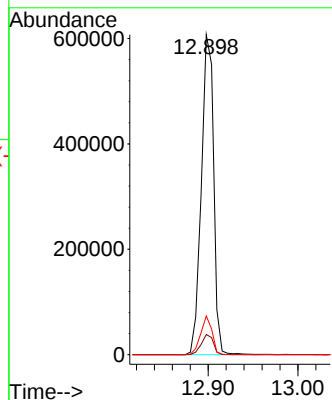


#79  
Terphenyl-d14  
Concen: 59.653 ng  
RT: 12.898 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF136892.D  
Acq: 03 Jan 2024 02:09

Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-56



Tgt Ion:244 Resp: 578707  
Ion Ratio Lower Upper  
244 100  
212 6.3 5.0 7.4  
122 12.1 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. -0.006 min  
Lab File: BF136892.D  
Acq: 03 Jan 2024 02:09

Tgt Ion:264 Resp: 141635  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.3 27.5  
265 20.4 17.0 25.6

