

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
 Data File : BF136890.D  
 Acq On : 03 Jan 2024 01:06  
 Operator : CG\JU  
 Sample : 05899-25  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-16-0-2D

Quant Time: Jan 03 02:08:09 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  | 75930    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 288808   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 145276   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 245836   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.963 | 240  | 139724   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.439 | 264  | 145141   | 20.000 | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 433637   | 89.108 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 553130   | 87.719 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 343622   | 60.883 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 146034   | 85.353 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 683436   | 63.273 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.904 | 244  | 565656   | 56.575 | ng    | -0.01    |

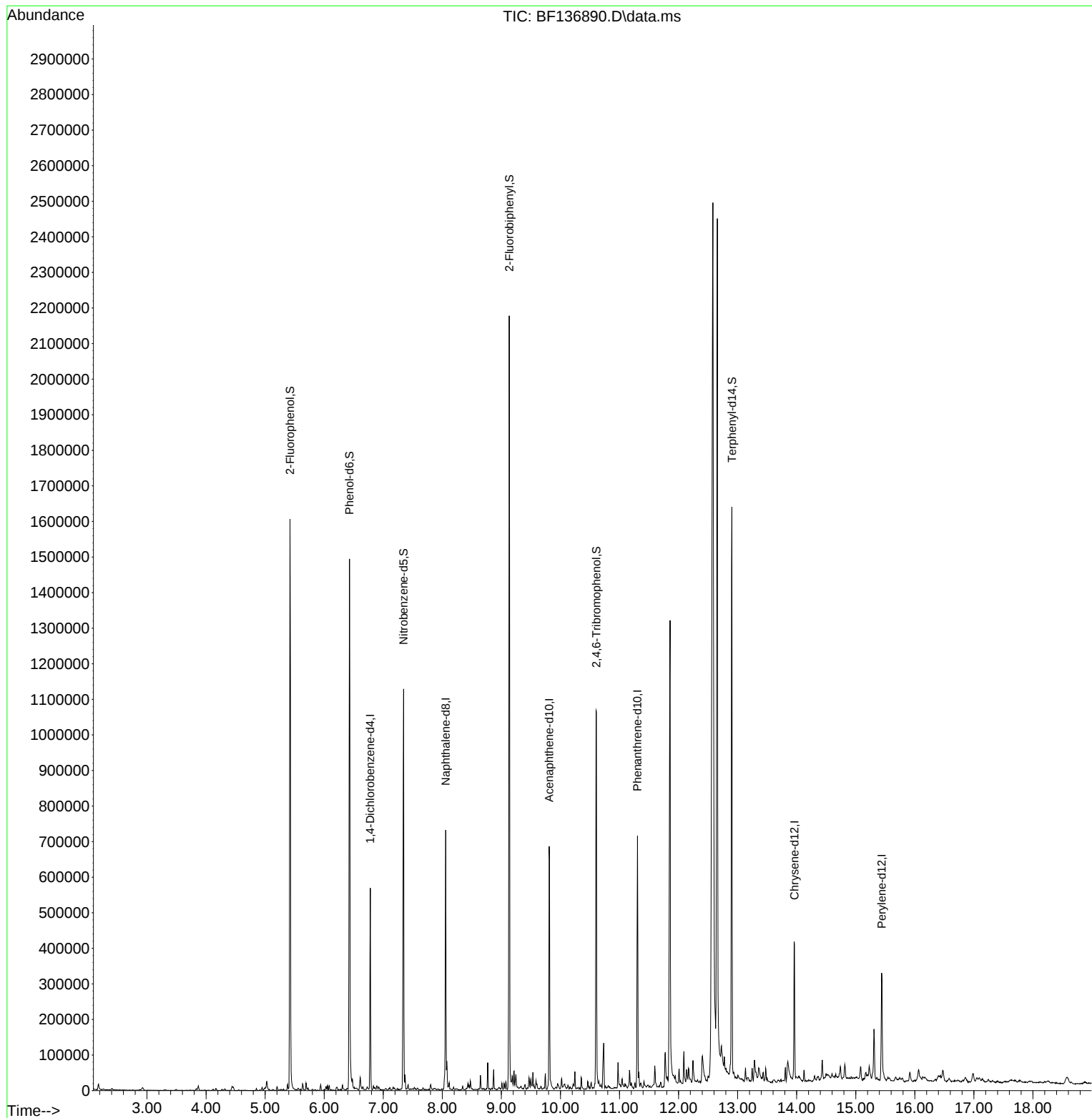
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

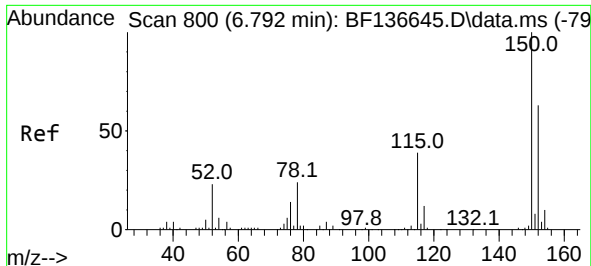
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
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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

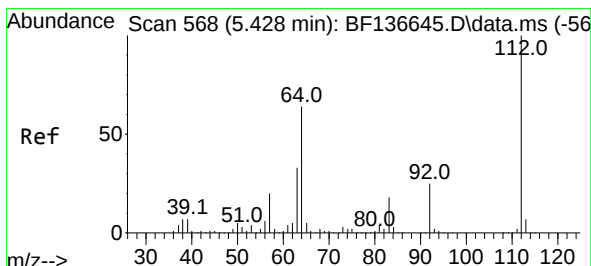
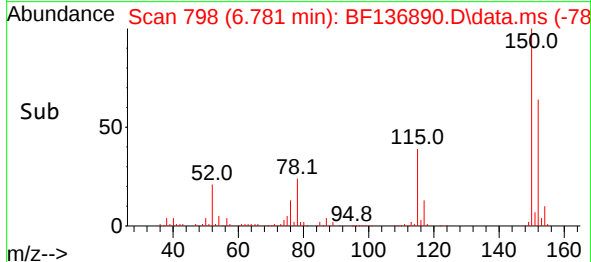
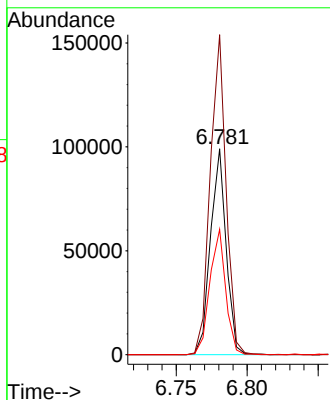
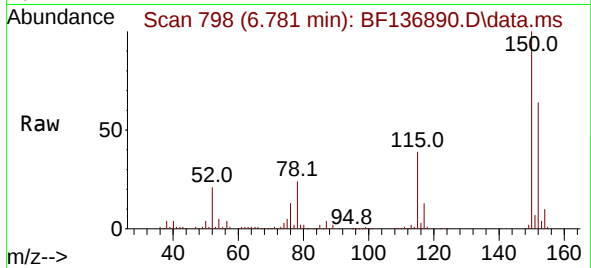




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

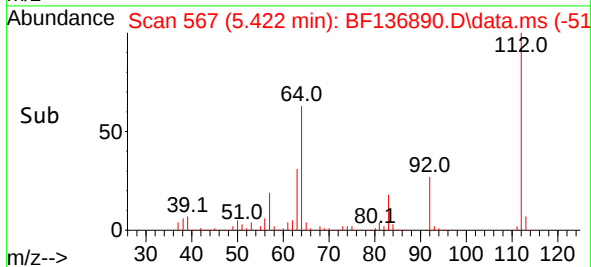
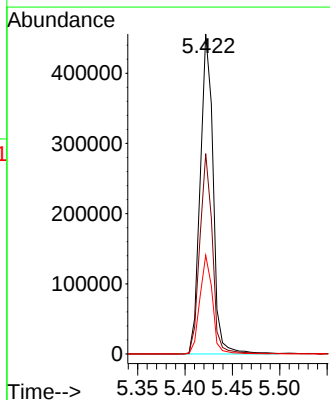
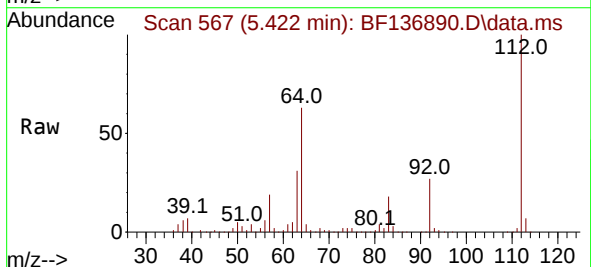
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-16-0-2D

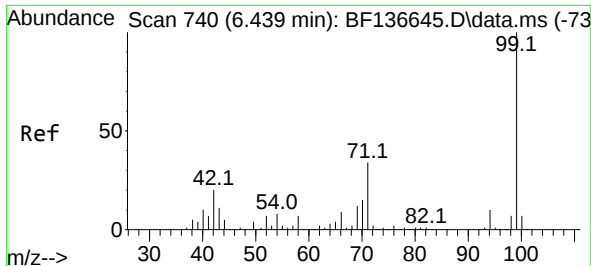
Tgt Ion:152 Resp: 75930  
Ion Ratio Lower Upper  
152 100  
150 155.4 127.0 190.6  
115 60.8 49.0 73.4



#5  
2-Fluorophenol  
Concen: 89.108 ng  
RT: 5.422 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Tgt Ion:112 Resp: 433637  
Ion Ratio Lower Upper  
112 100  
64 62.6 51.1 76.7  
63 30.9 26.1 39.1

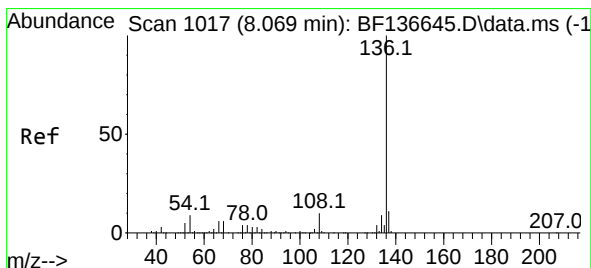
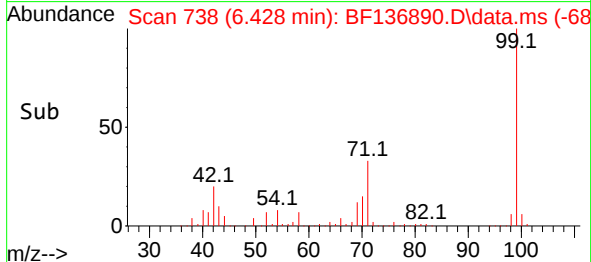
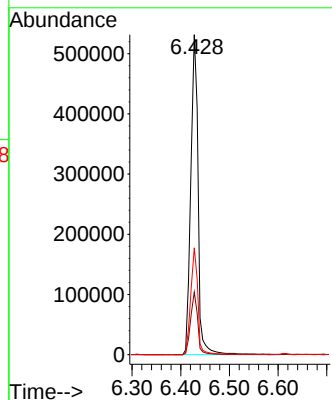
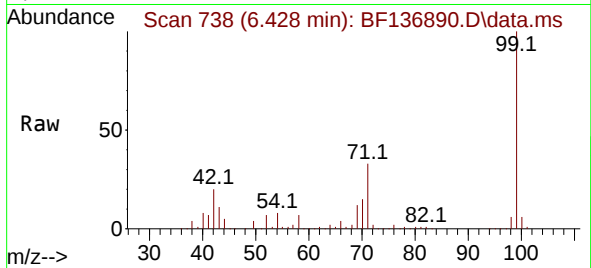




#7  
Phenol-d6  
Concen: 87.719 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

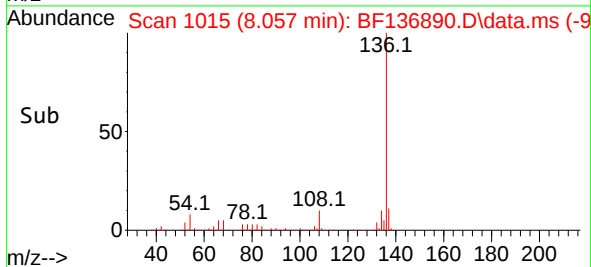
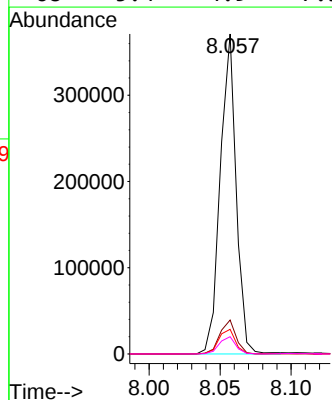
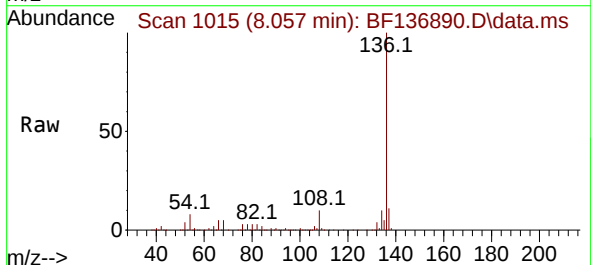
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-16-0-2D

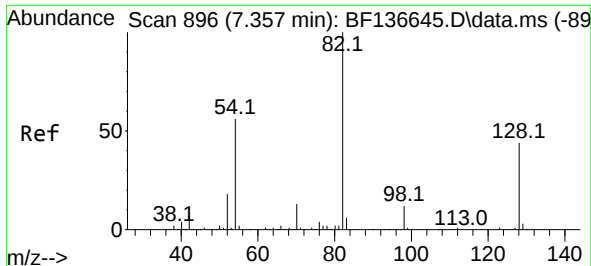
Tgt Ion: 99 Resp: 553130  
Ion Ratio Lower Upper  
99 100  
42 19.5 16.1 24.1  
71 33.4 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Tgt Ion: 136 Resp: 288808  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 7.7 7.2 10.8  
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 60.883 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136890.D

Acq: 03 Jan 2024 01:06

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-16-0-2D

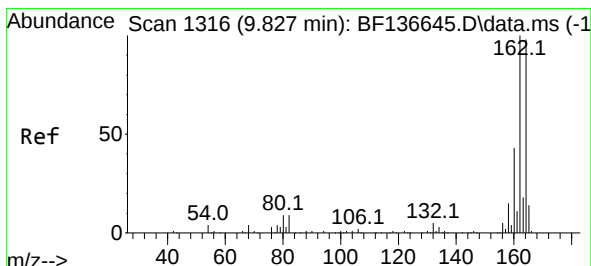
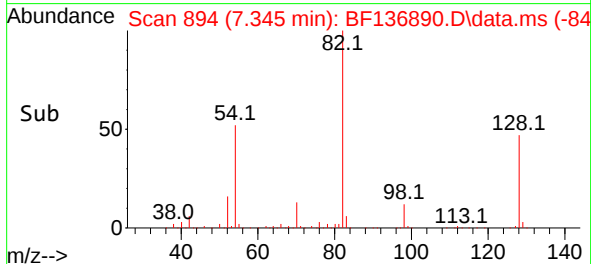
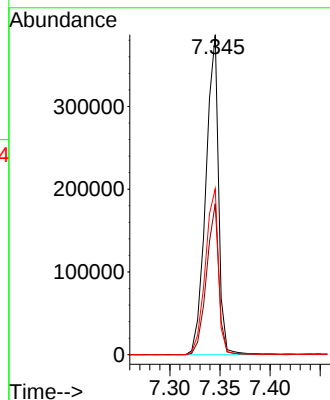
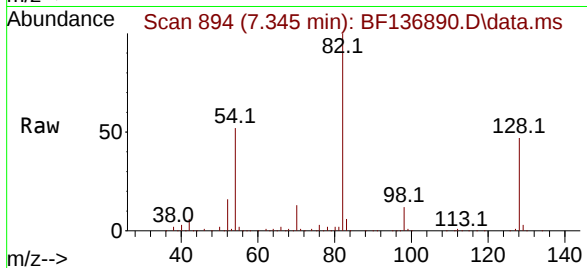
Tgt Ion: 82 Resp: 343622

Ion Ratio Lower Upper

82 100

128 47.2 35.3 52.9

54 51.8 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: BF136890.D

Acq: 03 Jan 2024 01:06

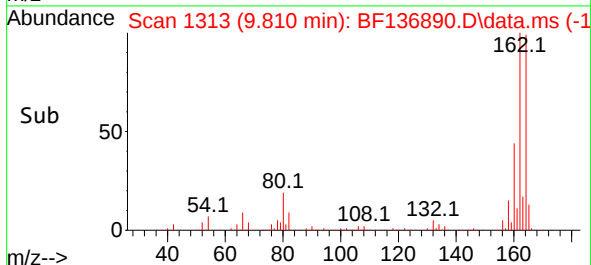
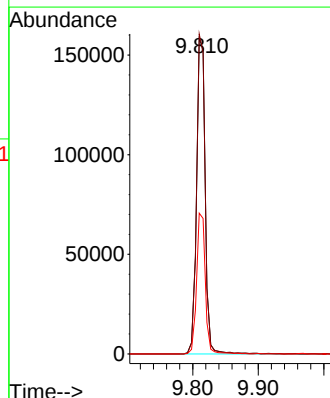
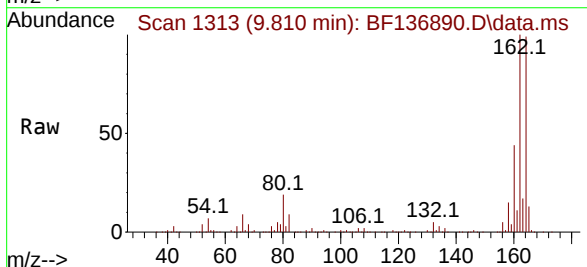
Tgt Ion:164 Resp: 145276

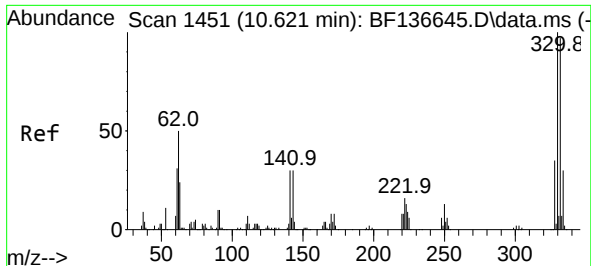
Ion Ratio Lower Upper

164 100

162 101.5 81.6 122.4

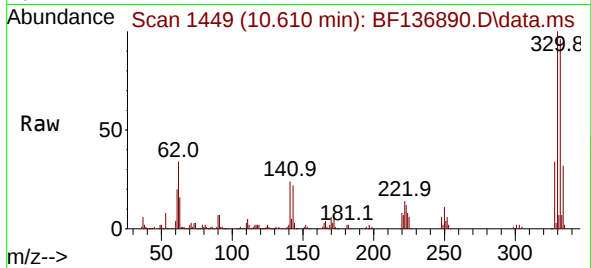
160 44.6 34.9 52.3



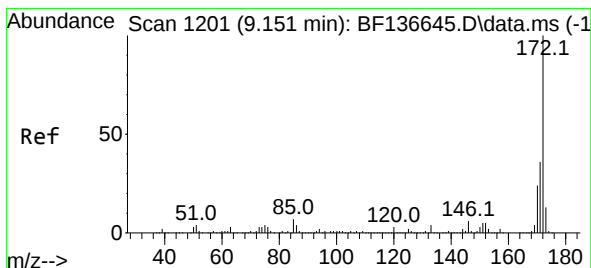
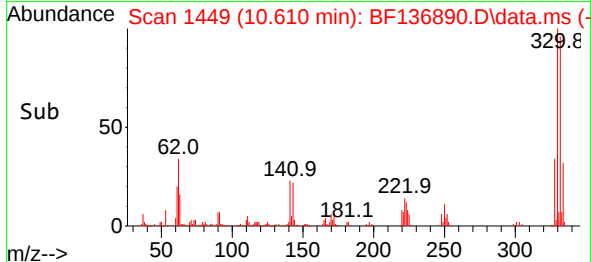
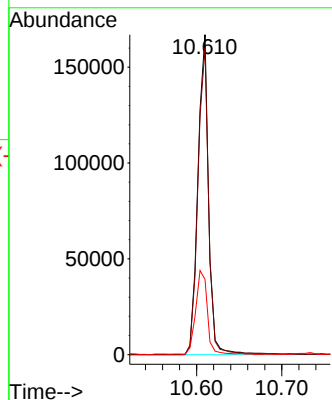


#42  
2,4,6-Tribromophenol  
Concen: 85.353 ng  
RT: 10.610 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

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GHL-SS-16-0-2D

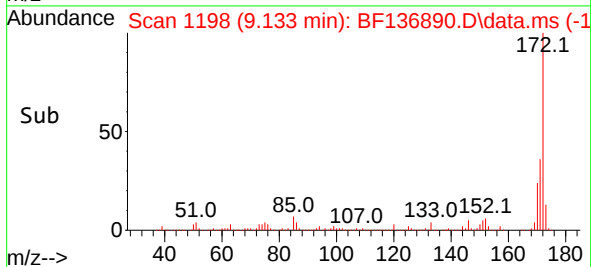
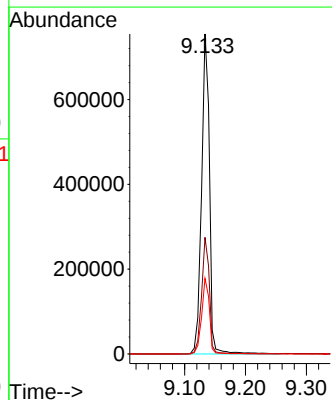
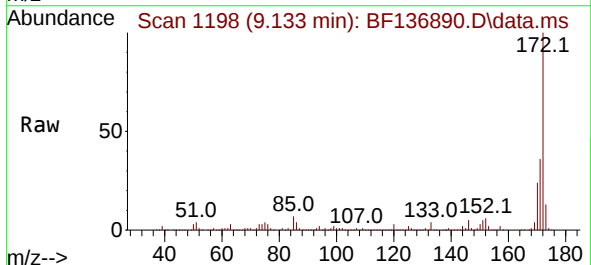


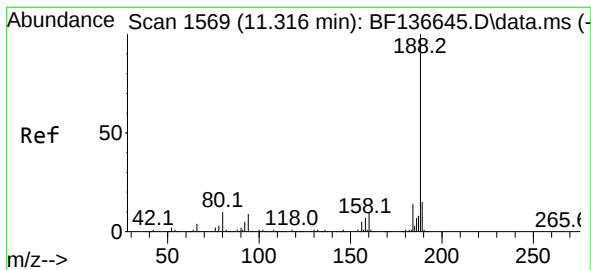
Tgt Ion:330 Resp: 146034  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.4 116.0  
141 28.3 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 63.273 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. -0.018 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

Tgt Ion:172 Resp: 683436  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.0 43.6  
170 23.6 19.0 28.4

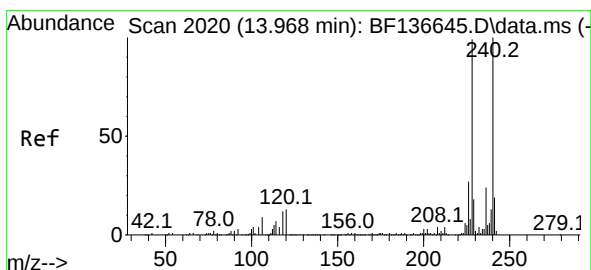
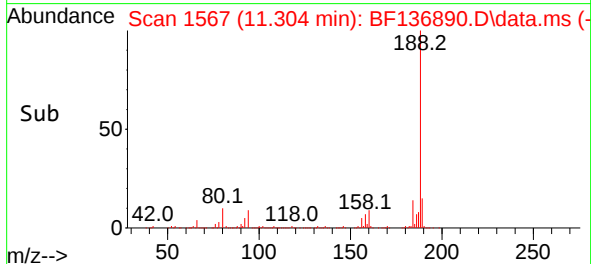
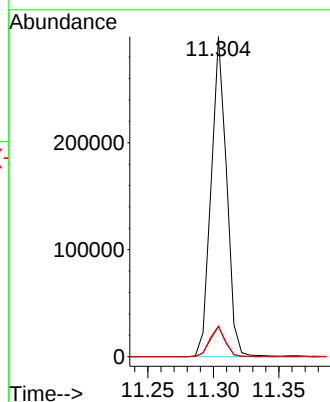
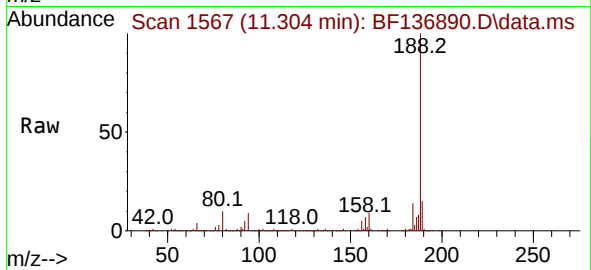




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

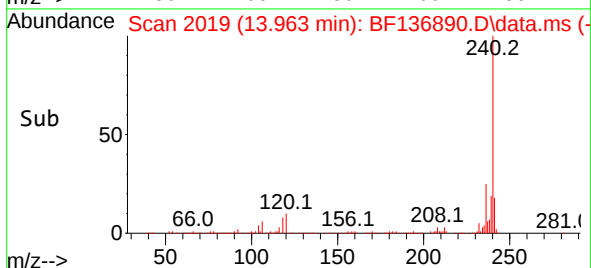
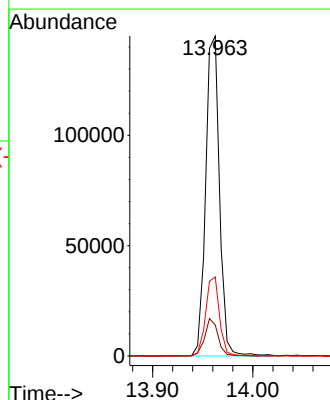
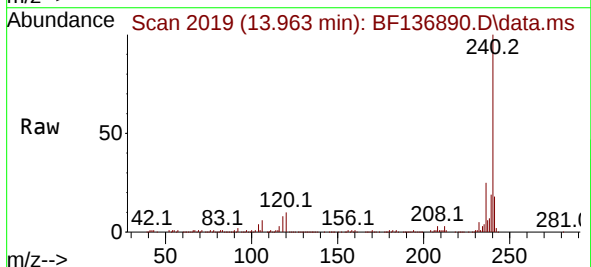
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-16-0-2D

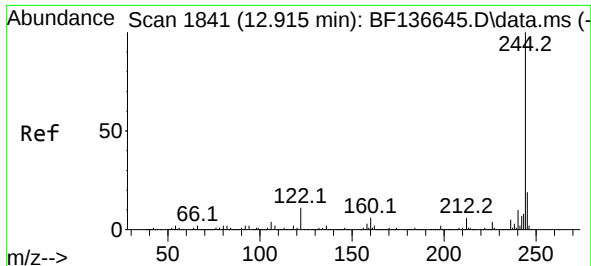
Tgt Ion:188 Resp: 245836  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.5 11.3  
80 9.6 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.963 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF136890.D  
Acq: 03 Jan 2024 01:06

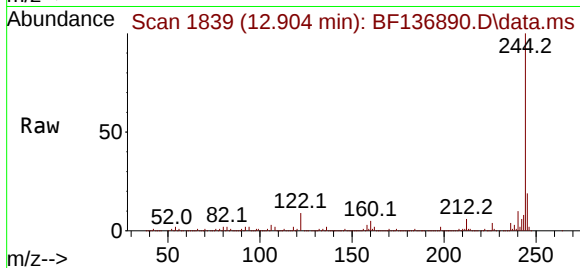
Tgt Ion:240 Resp: 139724  
Ion Ratio Lower Upper  
240 100  
120 9.7 10.3 15.5#  
236 24.7 19.4 29.2



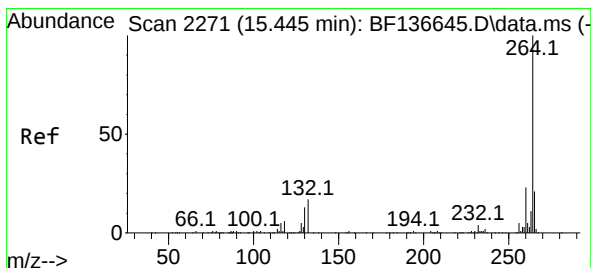
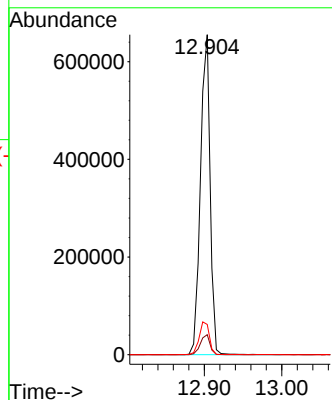
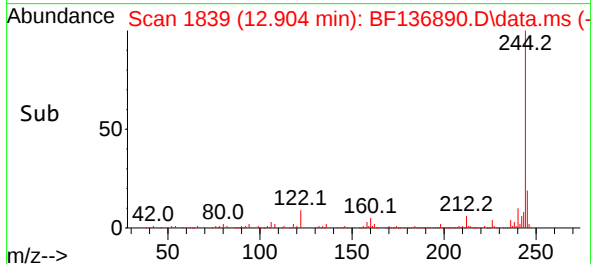


#79  
 Terphenyl-d14  
 Concen: 56.575 ng  
 RT: 12.904 min Scan# 1841  
 Delta R.T. -0.012 min  
 Lab File: BF136890.D  
 Acq: 03 Jan 2024 01:06

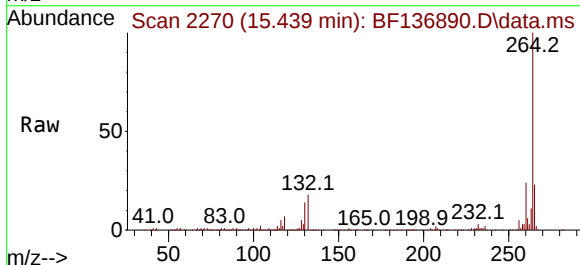
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-16-0-2D



Tgt Ion:244 Resp: 565656  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.0 7.4  
 122 9.4 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: BF136890.D  
 Acq: 03 Jan 2024 01:06



Tgt Ion:264 Resp: 145141  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.3 27.5  
 265 22.5 17.0 25.6

