

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122923\  
 Data File : BF136838.D  
 Acq On : 29 Dec 2023 19:47  
 Operator : CG\JU  
 Sample : 05897-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-30

Quant Time: Dec 30 01:04:16 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  | 70461    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 270569   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.816  | 164  | 142537   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 270627   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.963 | 240  | 147482   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.439 | 264  | 139085   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 420603   | 93.138 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 527048   | 90.070 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 329885   | 62.389 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 158674   | 94.522 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.134  | 172  | 677970   | 63.974 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.904 | 244  | 683535   | 64.768 | ng    | -0.01    |

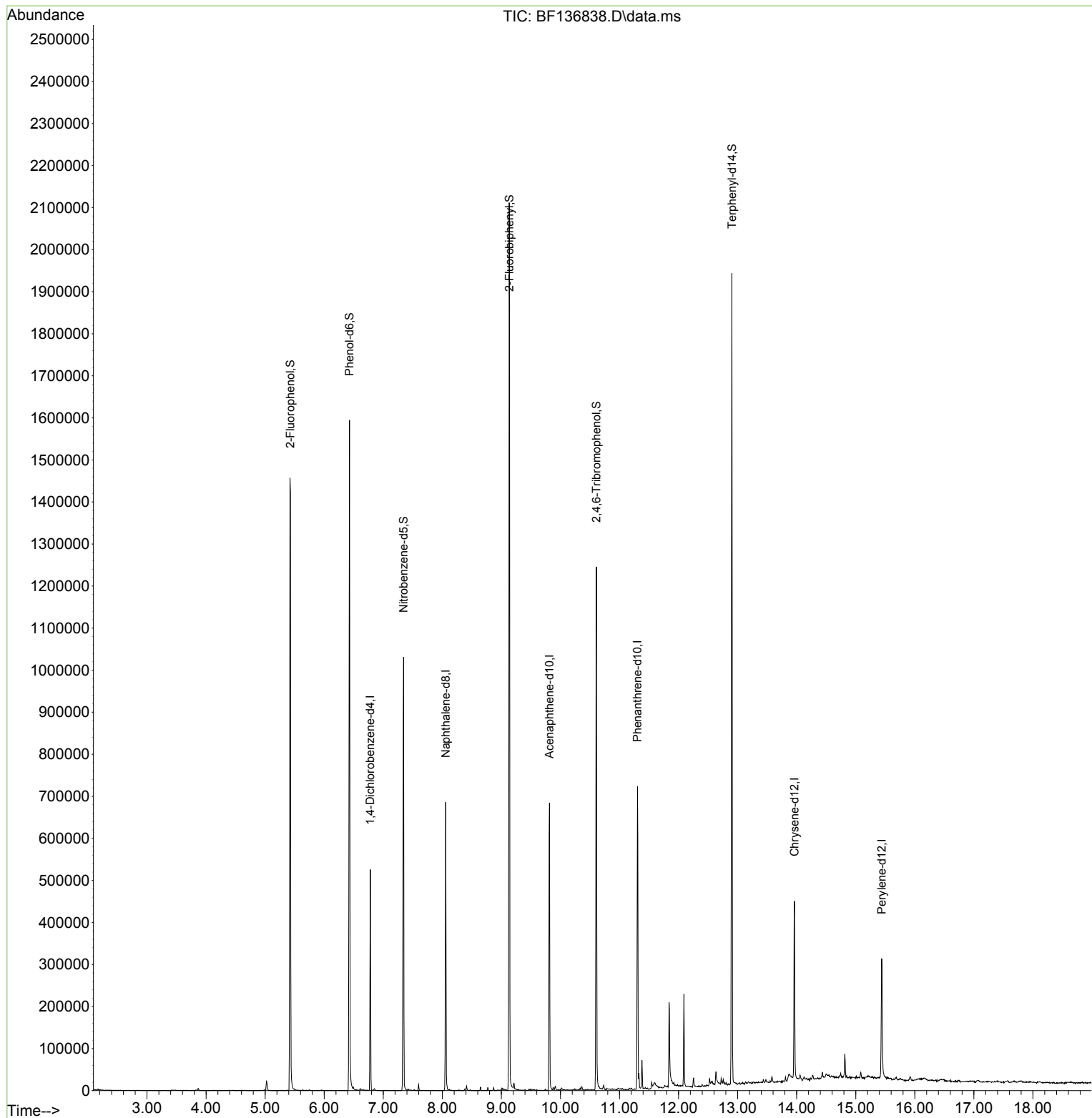
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

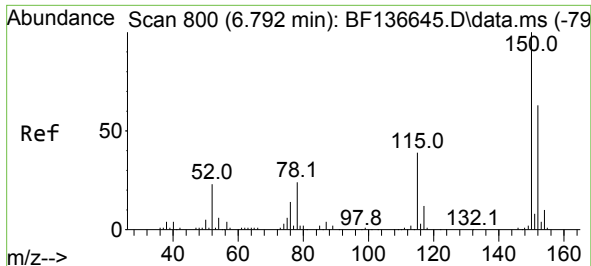
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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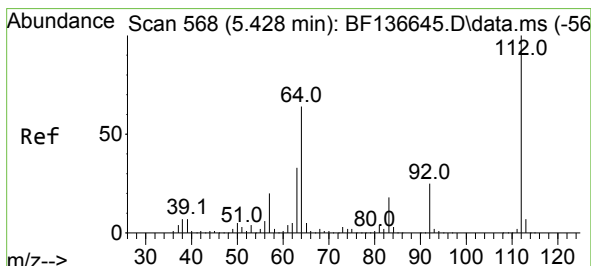
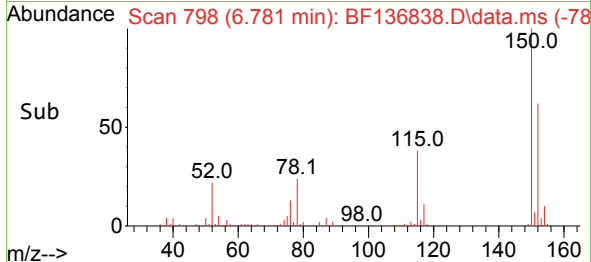
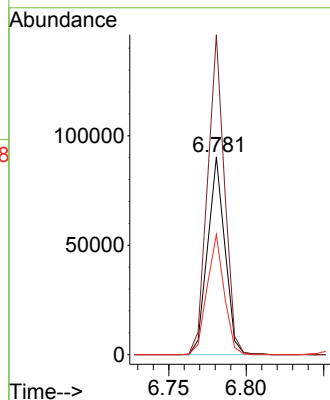
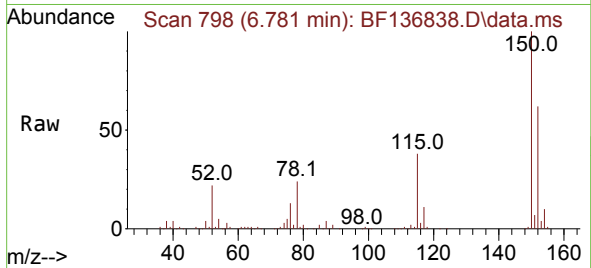




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136838.D  
Acq: 29 Dec 2023 19:47

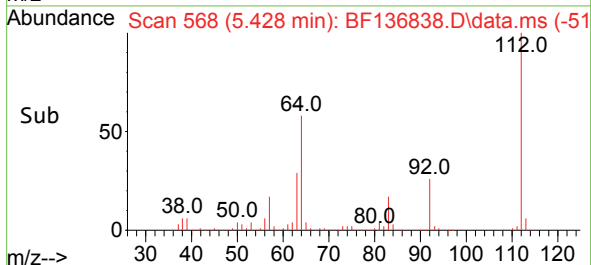
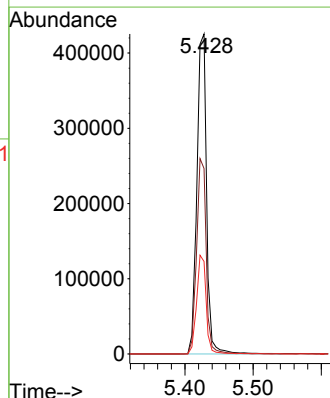
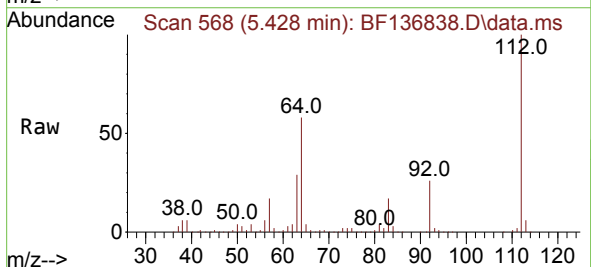
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-30

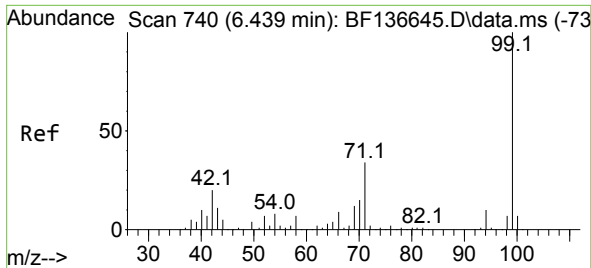
Tgt Ion:152 Resp: 70461  
Ion Ratio Lower Upper  
152 100  
150 161.9 127.0 190.6  
115 60.8 49.0 73.4



#5  
2-Fluorophenol  
Concen: 93.138 ng  
RT: 5.428 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: BF136838.D  
Acq: 29 Dec 2023 19:47

Tgt Ion:112 Resp: 420603  
Ion Ratio Lower Upper  
112 100  
64 58.0 51.1 76.7  
63 28.9 26.1 39.1

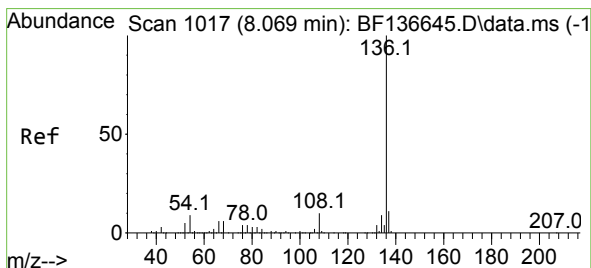
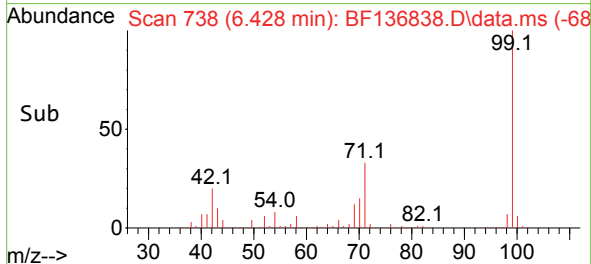
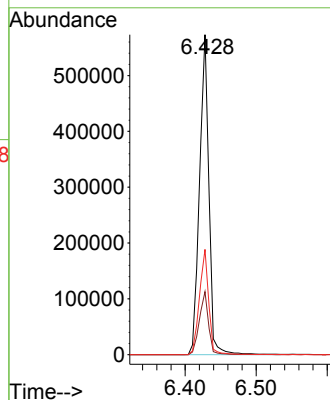
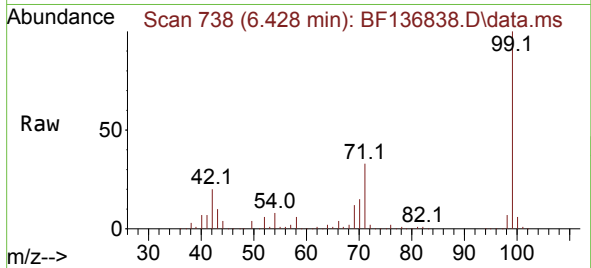




#7  
Phenol-d6  
Concen: 90.070 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136838.D  
Acq: 29 Dec 2023 19:47

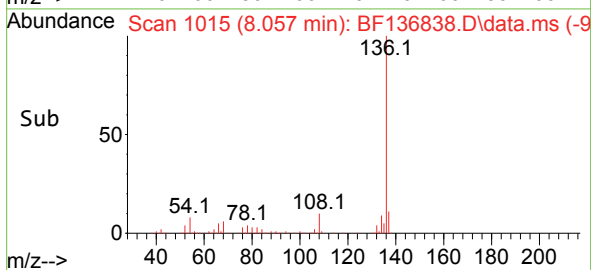
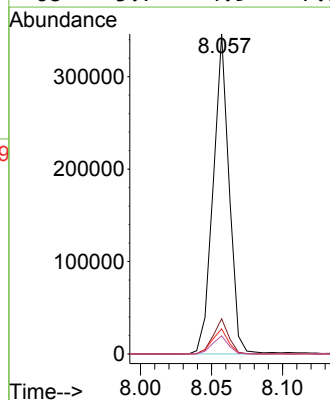
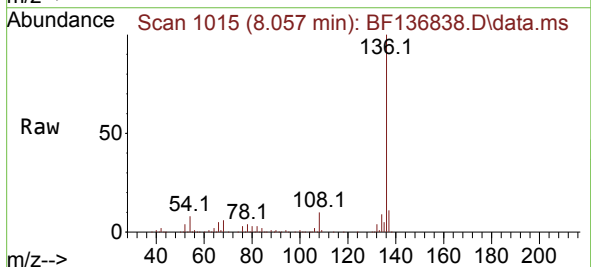
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-30

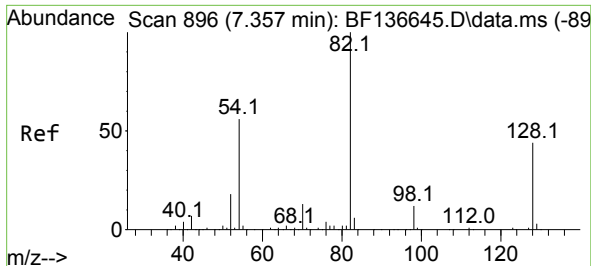
Tgt Ion: 99 Resp: 527048  
Ion Ratio Lower Upper  
99 100  
42 19.7 16.1 24.1  
71 32.9 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136838.D  
Acq: 29 Dec 2023 19:47

Tgt Ion: 136 Resp: 270569  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.4  
54 7.8 7.2 10.8  
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 62.389 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136838.D

Acq: 29 Dec 2023 19:47

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-30

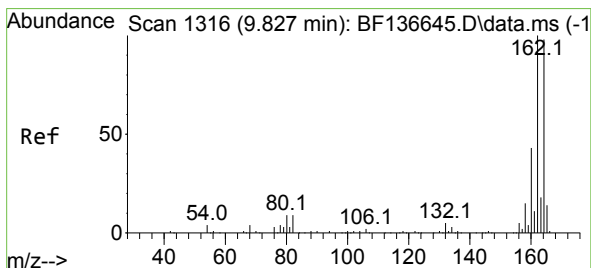
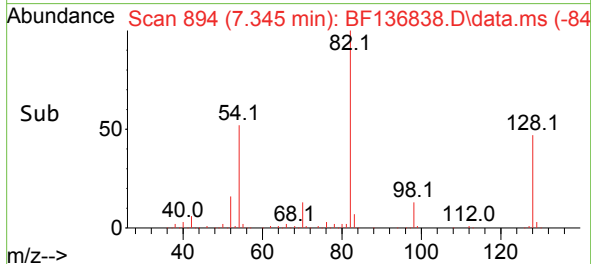
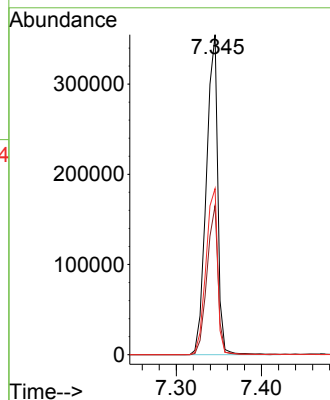
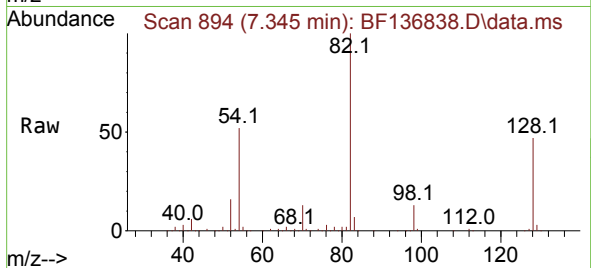
Tgt Ion: 82 Resp: 329885

Ion Ratio Lower Upper

82 100

128 46.6 35.3 52.9

54 51.9 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: BF136838.D

Acq: 29 Dec 2023 19:47

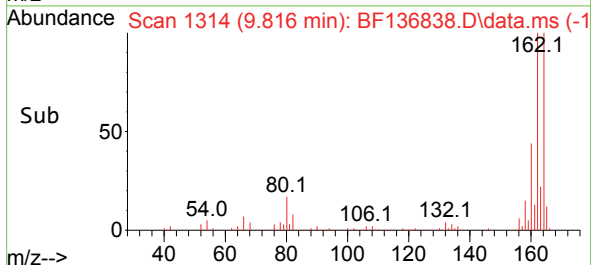
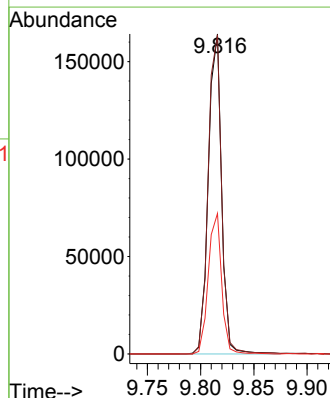
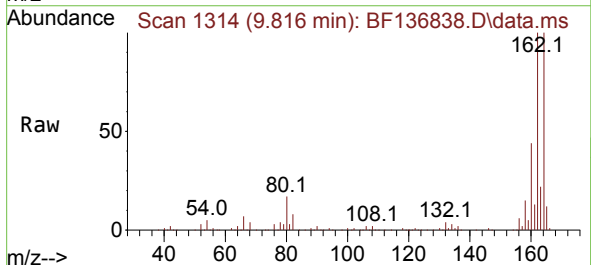
Tgt Ion:164 Resp: 142537

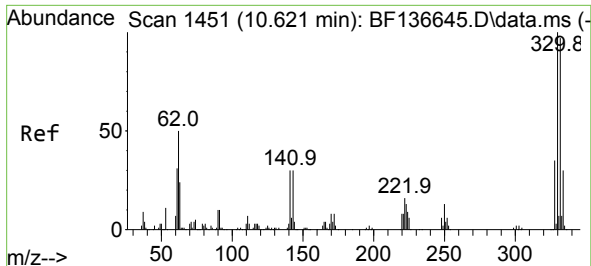
Ion Ratio Lower Upper

164 100

162 99.7 81.6 122.4

160 43.9 34.9 52.3

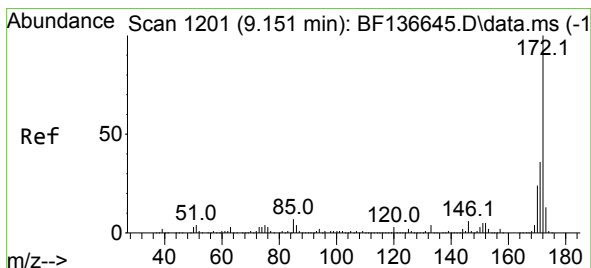
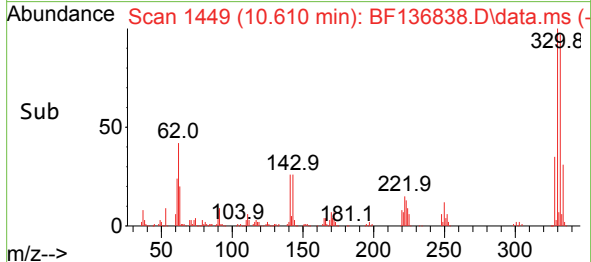
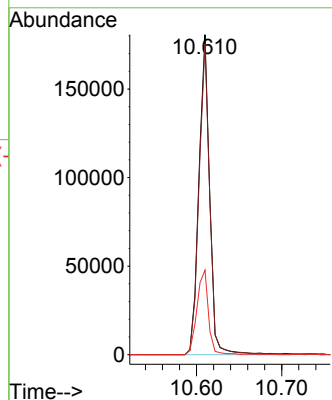
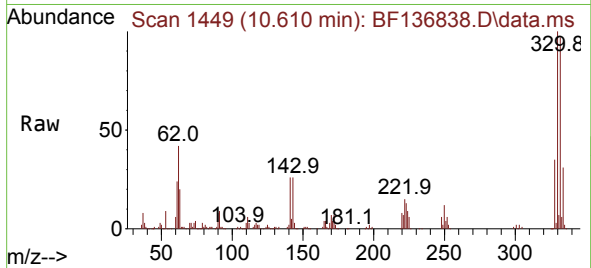




#42  
2,4,6-Tribromophenol  
Concen: 94.522 ng  
RT: 10.610 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF136838.D  
Acq: 29 Dec 2023 19:47

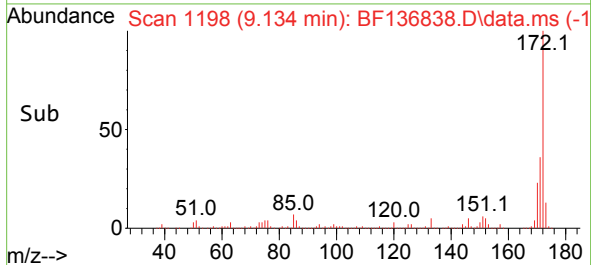
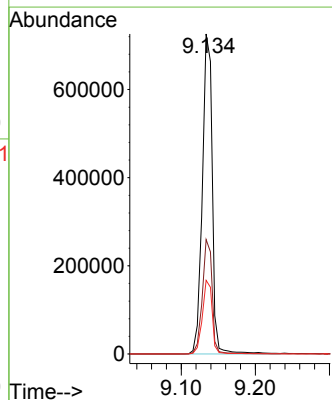
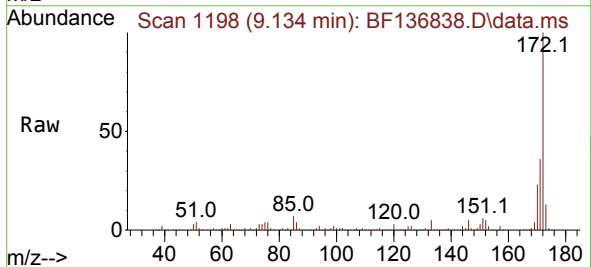
Instrument :  
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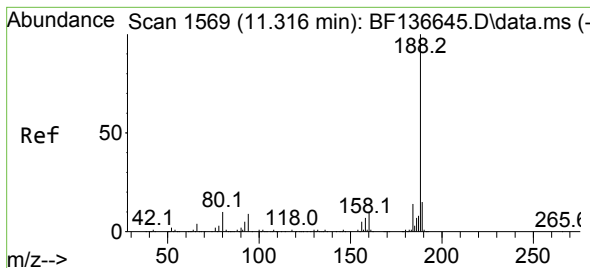
Tgt Ion: 330 Resp: 158674  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.4 116.0  
141 28.5 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 63.974 ng  
RT: 9.134 min Scan# 1198  
Delta R.T. -0.017 min  
Lab File: BF136838.D  
Acq: 29 Dec 2023 19:47

Tgt Ion: 172 Resp: 677970  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.0 43.6  
170 23.0 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: BF136838.D

Acq: 29 Dec 2023 19:47

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-30

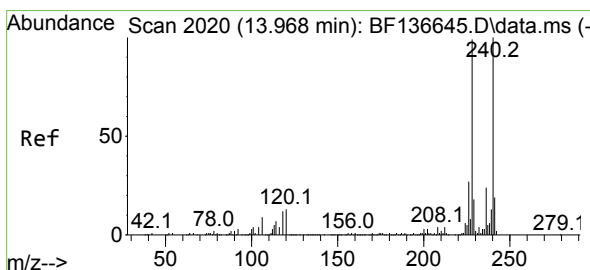
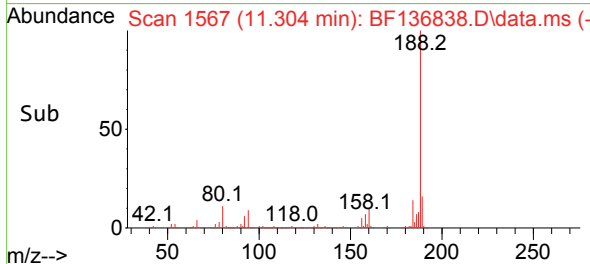
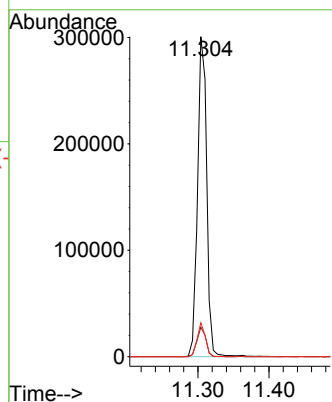
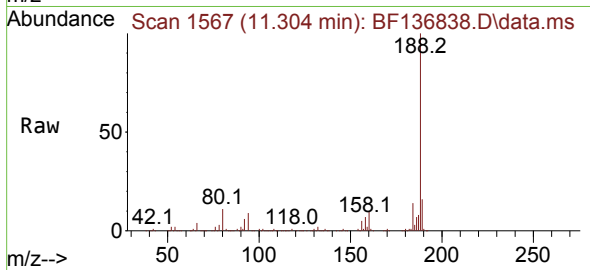
Tgt Ion:188 Resp: 270627

Ion Ratio Lower Upper

188 100

94 9.2 7.5 11.3

80 10.6 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: BF136838.D

Acq: 29 Dec 2023 19:47

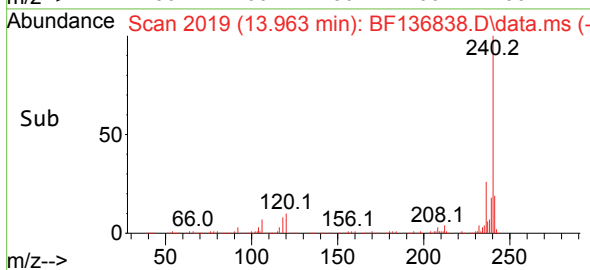
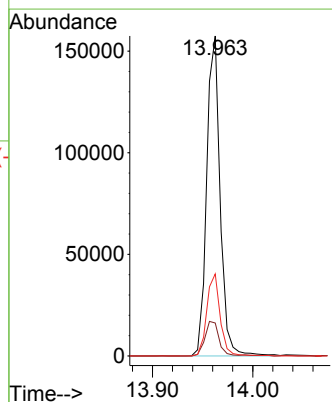
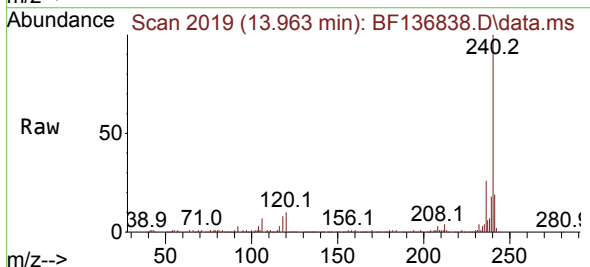
Tgt Ion:240 Resp: 147482

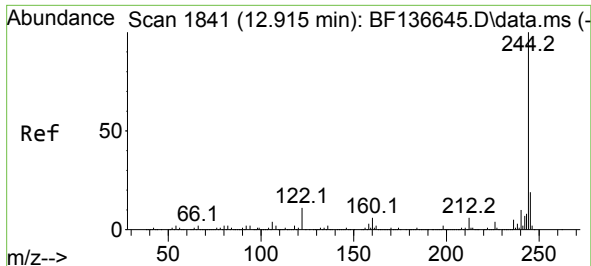
Ion Ratio Lower Upper

240 100

120 10.3 10.3 15.5#

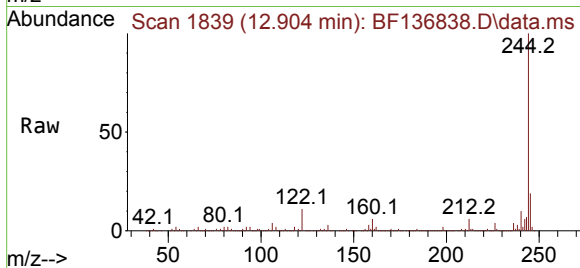
236 25.6 19.4 29.2



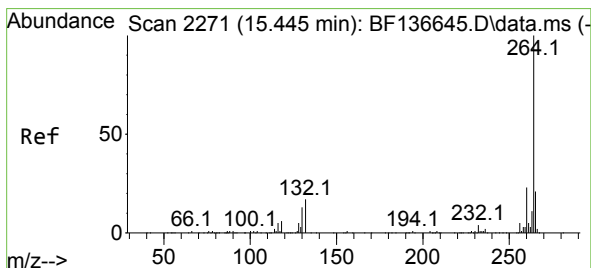
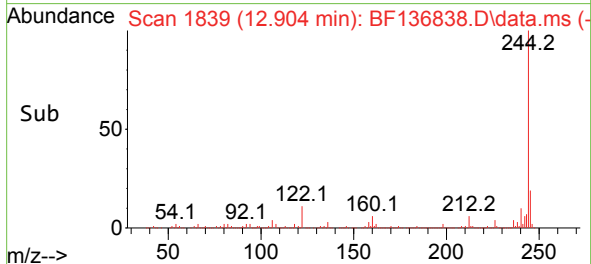
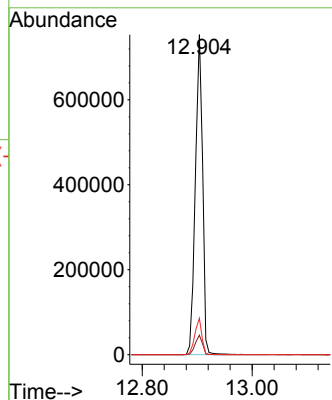


#79  
Terphenyl-d14  
Concen: 64.768 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. -0.012 min  
Lab File: BF136838.D  
Acq: 29 Dec 2023 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-30



Tgt Ion:244 Resp: 683535  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.0 7.4  
122 11.4 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: BF136838.D  
Acq: 29 Dec 2023 19:47

Tgt Ion:264 Resp: 139085  
Ion Ratio Lower Upper  
264 100  
260 21.2 18.3 27.5  
265 19.6 17.0 25.6

