

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010324\  
 Data File : BF136919.D  
 Acq On : 03 Jan 2024 21:22  
 Operator : CG\JU  
 Sample : 05900-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-54

Quant Time: Jan 04 03:42:28 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  | 60060    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 228513   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 111875   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 180304   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.963 | 240  | 125322   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.445 | 264  | 147420   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 406348   | 105.564 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 497629   | 99.770  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 304860   | 68.267  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 115426   | 87.605  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 553674   | 66.564  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.898 | 244  | 405430   | 45.210  | ng    | -0.02    |

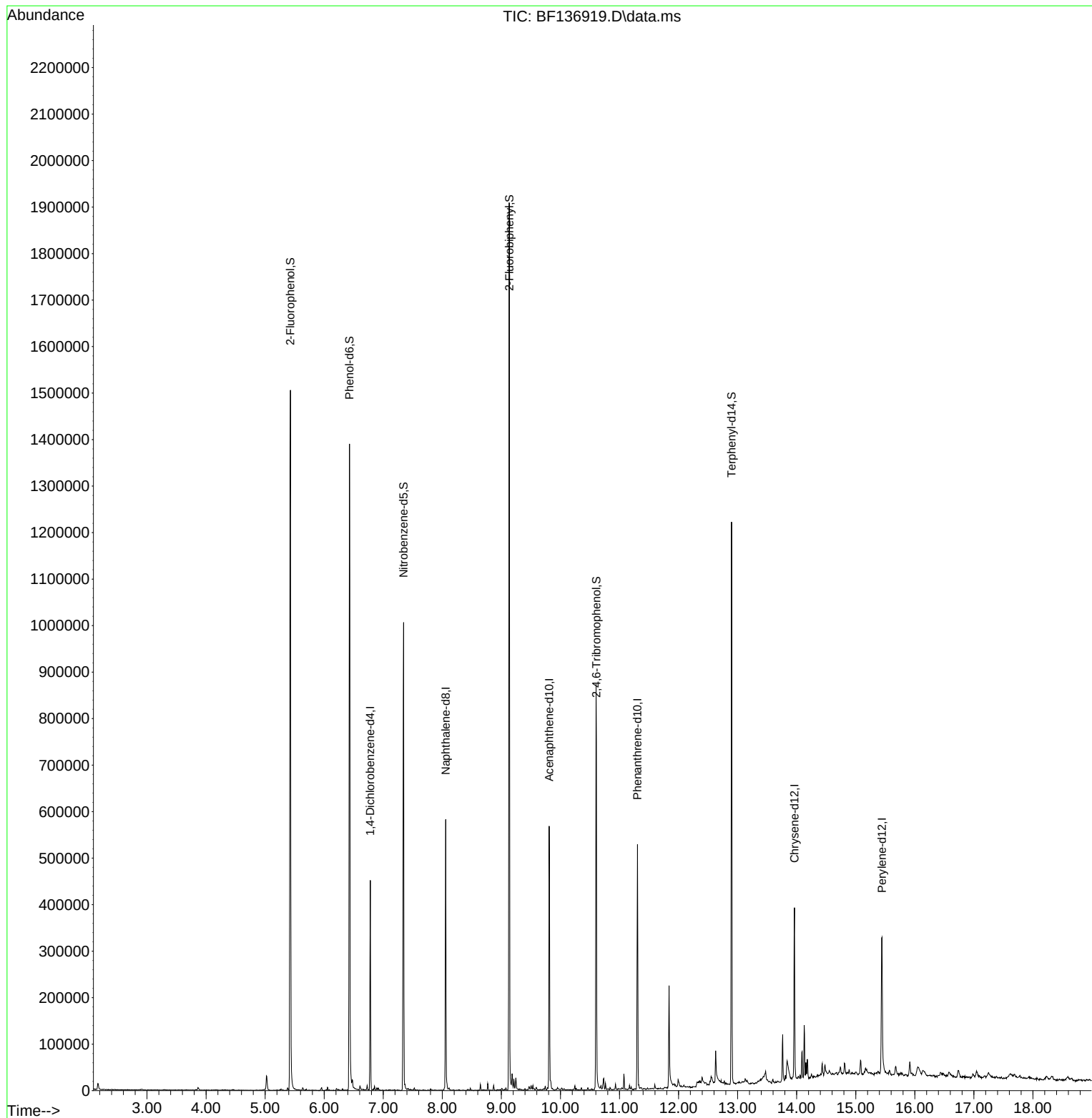
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

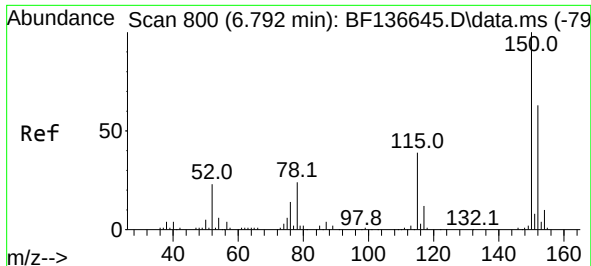
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023  
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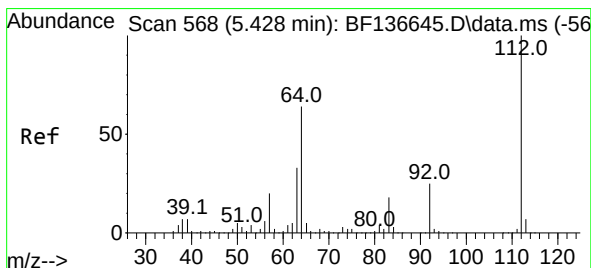
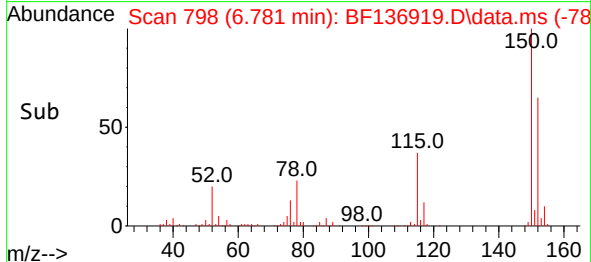
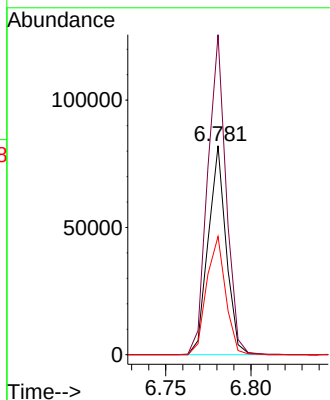
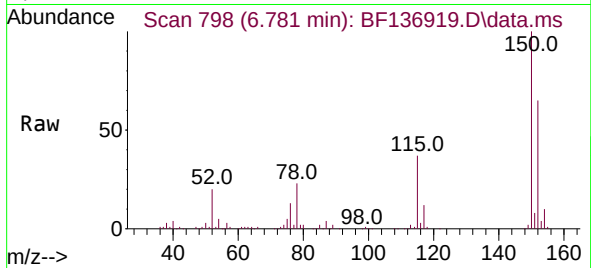




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 79  
 Delta R.T. -0.011 min  
 Lab File: BF136919.D  
 Acq: 03 Jan 2024 21:22

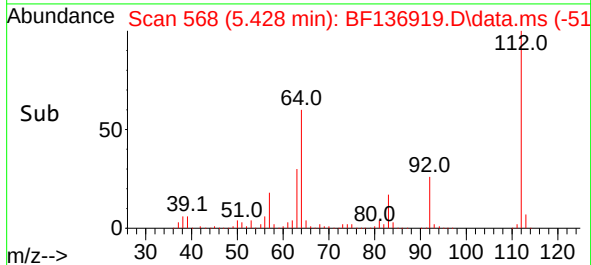
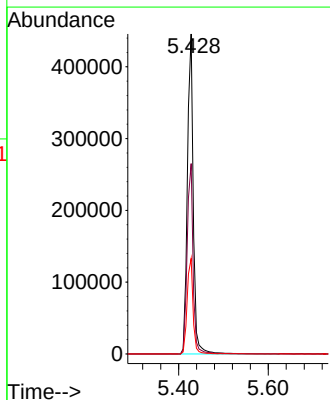
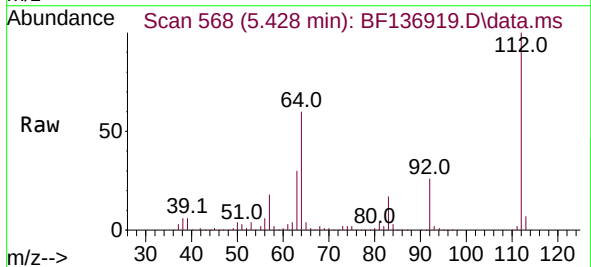
Instrument :  
 BNA\_F  
 ClientSampleId :  
 GHL-SS-54

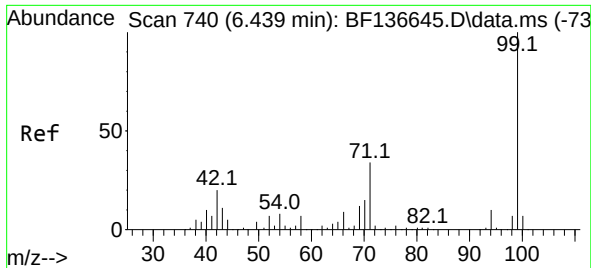
Tgt Ion:152 Resp: 60060  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 127.0 190.6  
 115 56.6 49.0 73.4



#5  
 2-Fluorophenol  
 Concen: 105.564 ng  
 RT: 5.428 min Scan# 568  
 Delta R.T. 0.000 min  
 Lab File: BF136919.D  
 Acq: 03 Jan 2024 21:22

Tgt Ion:112 Resp: 406348  
 Ion Ratio Lower Upper  
 112 100  
 64 59.5 51.1 76.7  
 63 29.8 26.1 39.1

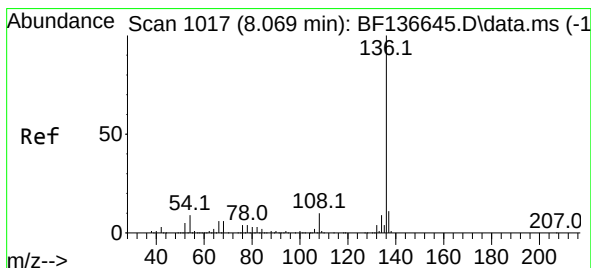
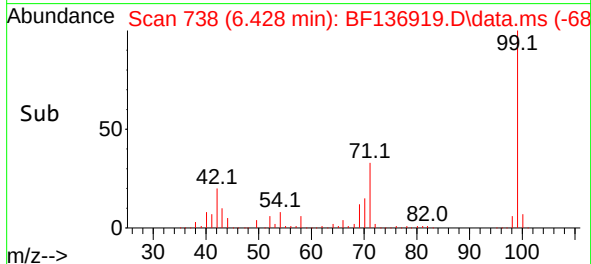
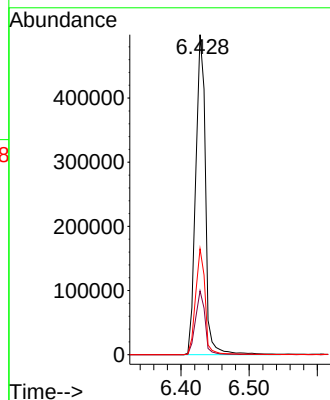
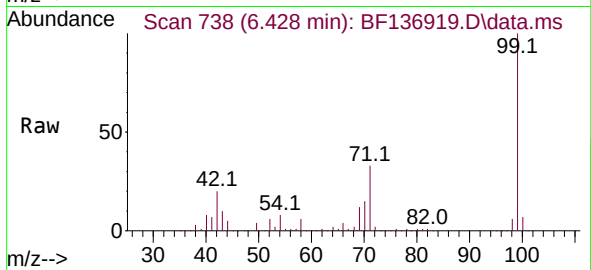




#7  
Phenol-d6  
Concen: 99.770 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136919.D  
Acq: 03 Jan 2024 21:22

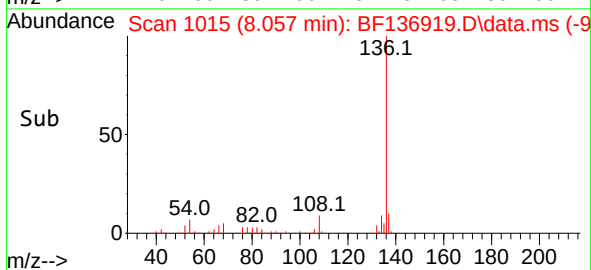
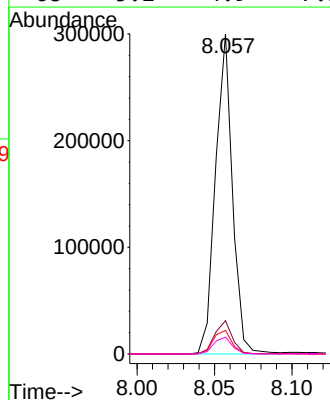
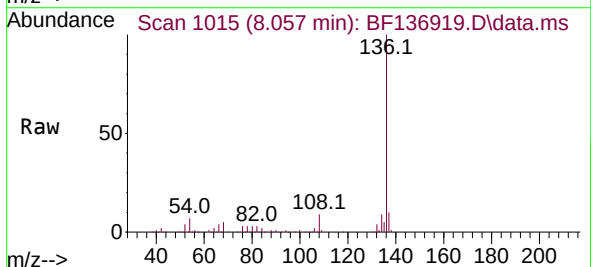
Instrument :  
BNA\_F  
ClientSampleId :  
GHL-SS-54

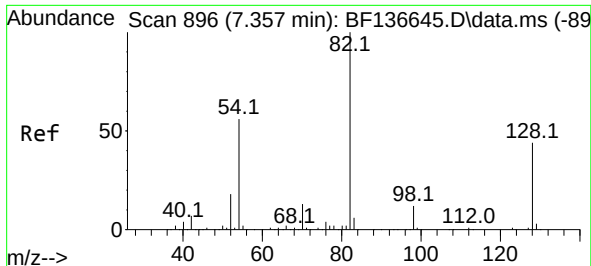
Tgt Ion: 99 Resp: 497629  
Ion Ratio Lower Upper  
99 100  
42 19.9 16.1 24.1  
71 33.1 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136919.D  
Acq: 03 Jan 2024 21:22

Tgt Ion: 136 Resp: 228513  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.0 13.4  
54 7.4 7.2 10.8  
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 68.267 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

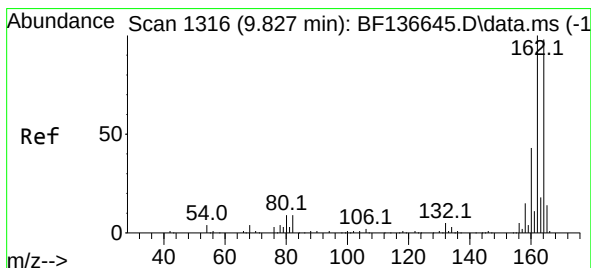
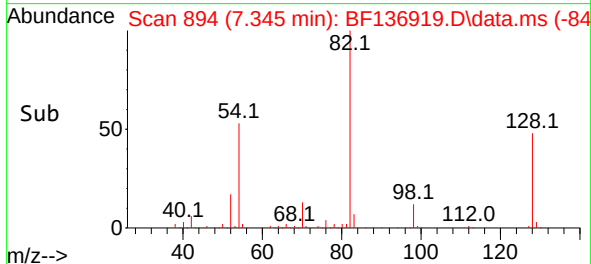
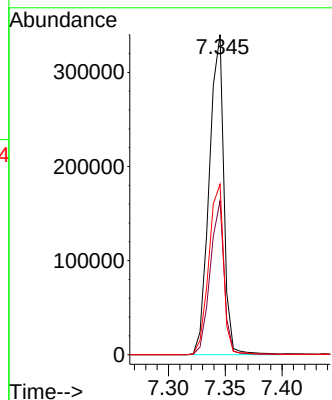
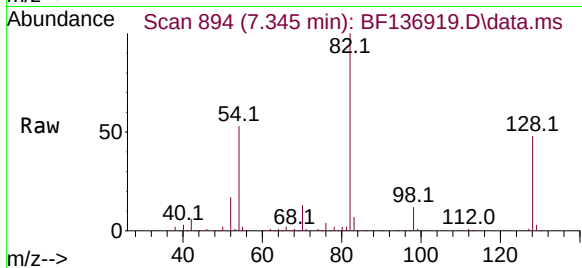
BNA\_F

ClientSampleId :

GHL-SS-54

Tgt Ion: 82 Resp: 304860

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.1  | 35.3  | 52.9  |
| 54  | 53.3  | 44.5  | 66.7  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

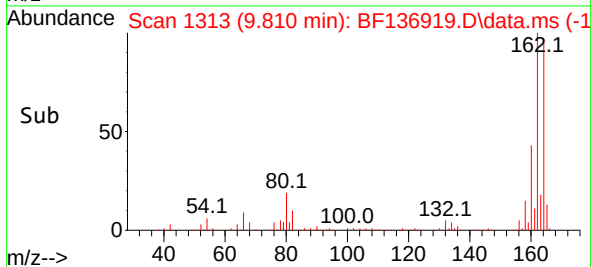
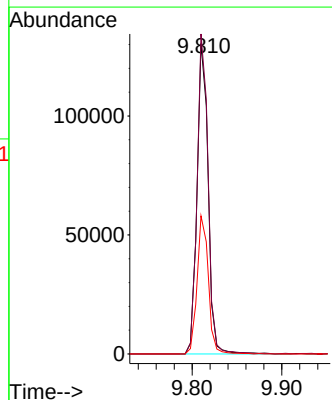
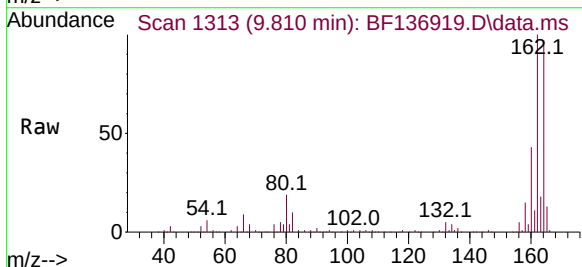
Delta R.T. -0.018 min

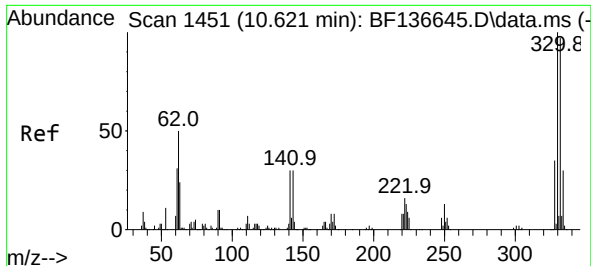
Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Tgt Ion:164 Resp: 111875

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.1 | 81.6  | 122.4 |
| 160 | 44.5  | 34.9  | 52.3  |

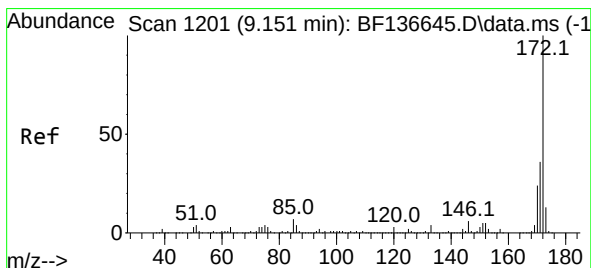
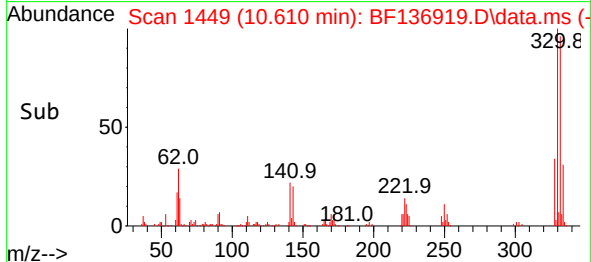
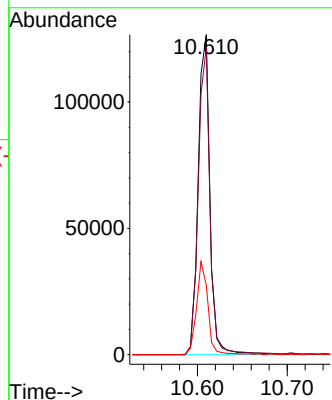
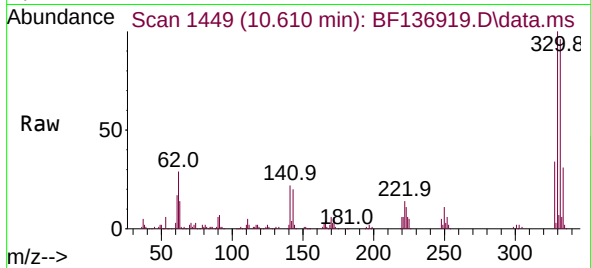




#42  
2,4,6-Tribromophenol  
Concen: 87.605 ng  
RT: 10.610 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF136919.D  
Acq: 03 Jan 2024 21:22

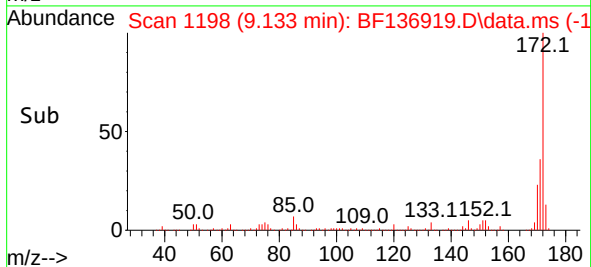
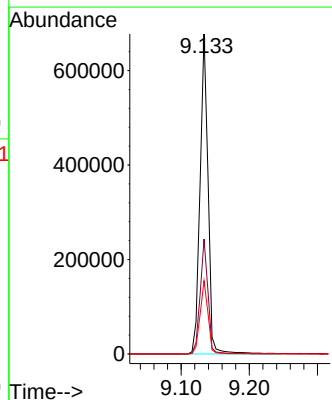
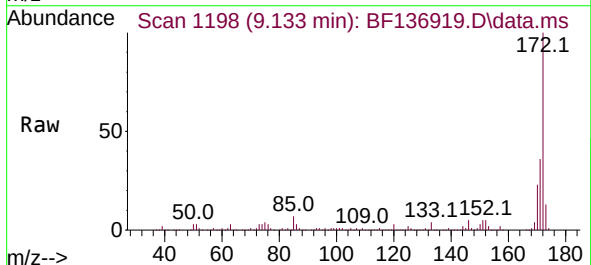
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GHL-SS-54

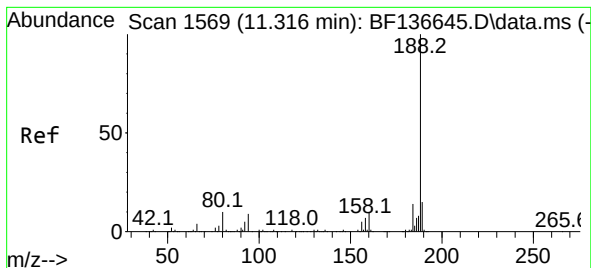
Tgt Ion:330 Resp: 115426  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.4 116.0  
141 28.2 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 66.564 ng  
RT: 9.133 min Scan# 1198  
Delta R.T. -0.018 min  
Lab File: BF136919.D  
Acq: 03 Jan 2024 21:22

Tgt Ion:172 Resp: 553674  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.0 43.6  
170 22.9 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: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-54

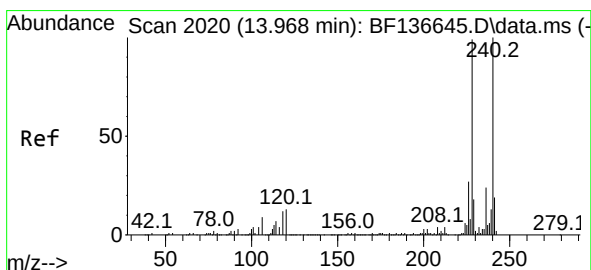
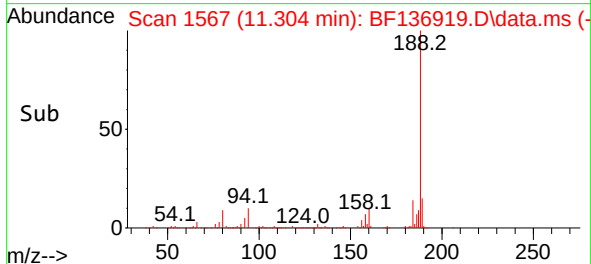
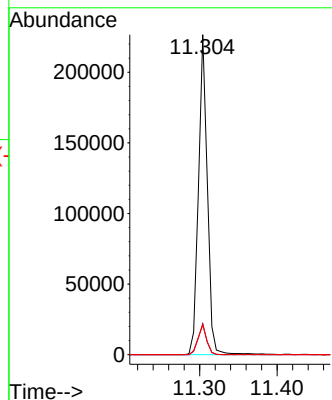
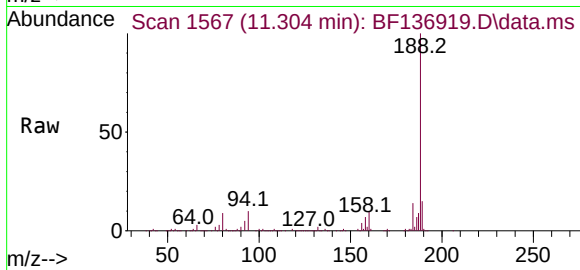
Tgt Ion:188 Resp: 180304

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 9.3 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: BF136919.D

Acq: 03 Jan 2024 21:22

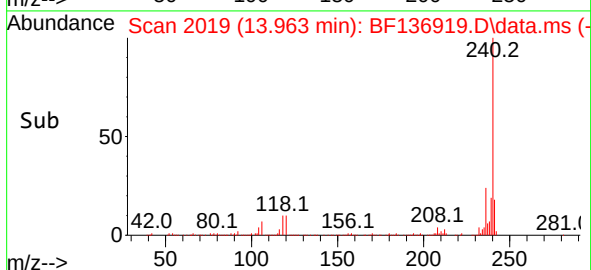
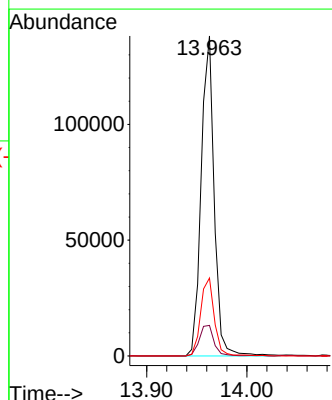
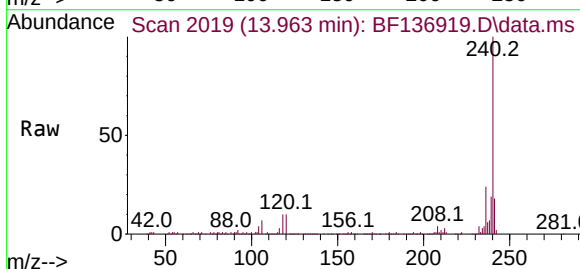
Tgt Ion:240 Resp: 125322

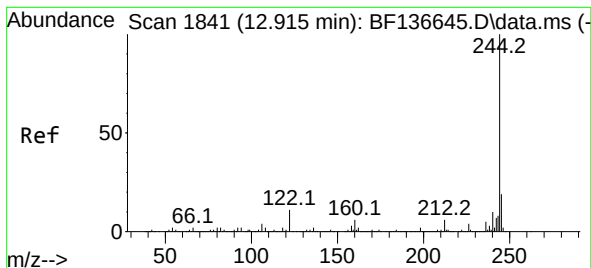
Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 24.3 19.4 29.2





#79

Terphenyl-d14

Concen: 45.210 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

BNA\_F

ClientSampleId :

GHL-SS-54

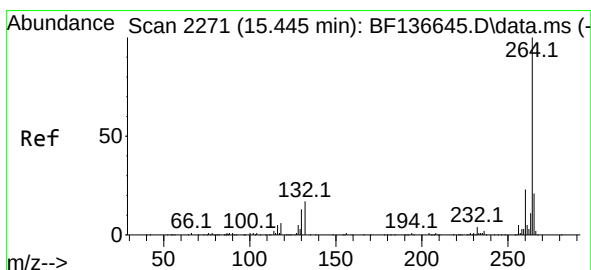
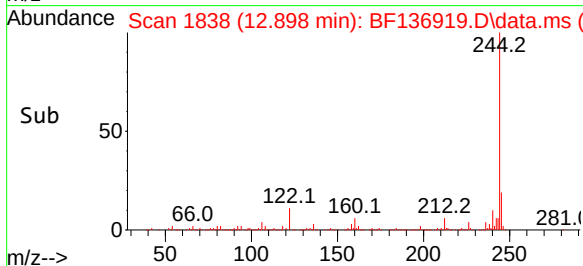
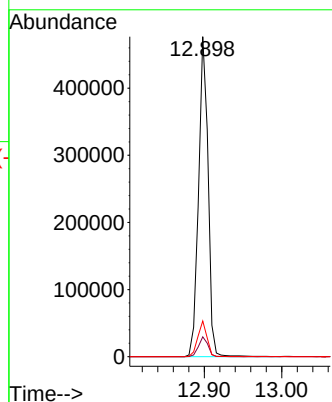
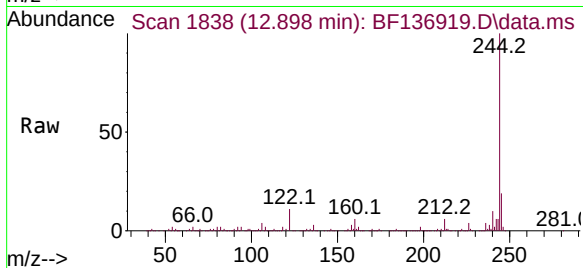
Tgt Ion:244 Resp: 405430

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.1 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: BF136919.D

Acq: 03 Jan 2024 21:22

Tgt Ion:264 Resp: 147420

Ion Ratio Lower Upper

264 100

260 19.8 18.3 27.5

265 20.1 17.0 25.6

