

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
 Data File : BF136877.D  
 Acq On : 02 Jan 2024 18:20  
 Operator : CG\JU  
 Sample : PB158150TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB158150TB

Quant Time: Jan 03 02:01:50 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  | 75200    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.057  | 136  | 295089   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.810  | 164  | 150838   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.304 | 188  | 296708   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.957 | 240  | 171611   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.439 | 264  | 153541   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 587289   | 121.853 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 724336   | 115.985 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.345  | 82   | 456317   | 79.129  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 205501   | 115.680 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.139  | 172  | 923852   | 82.378  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.904 | 244  | 1014831  | 82.640  | ng    | -0.01    |

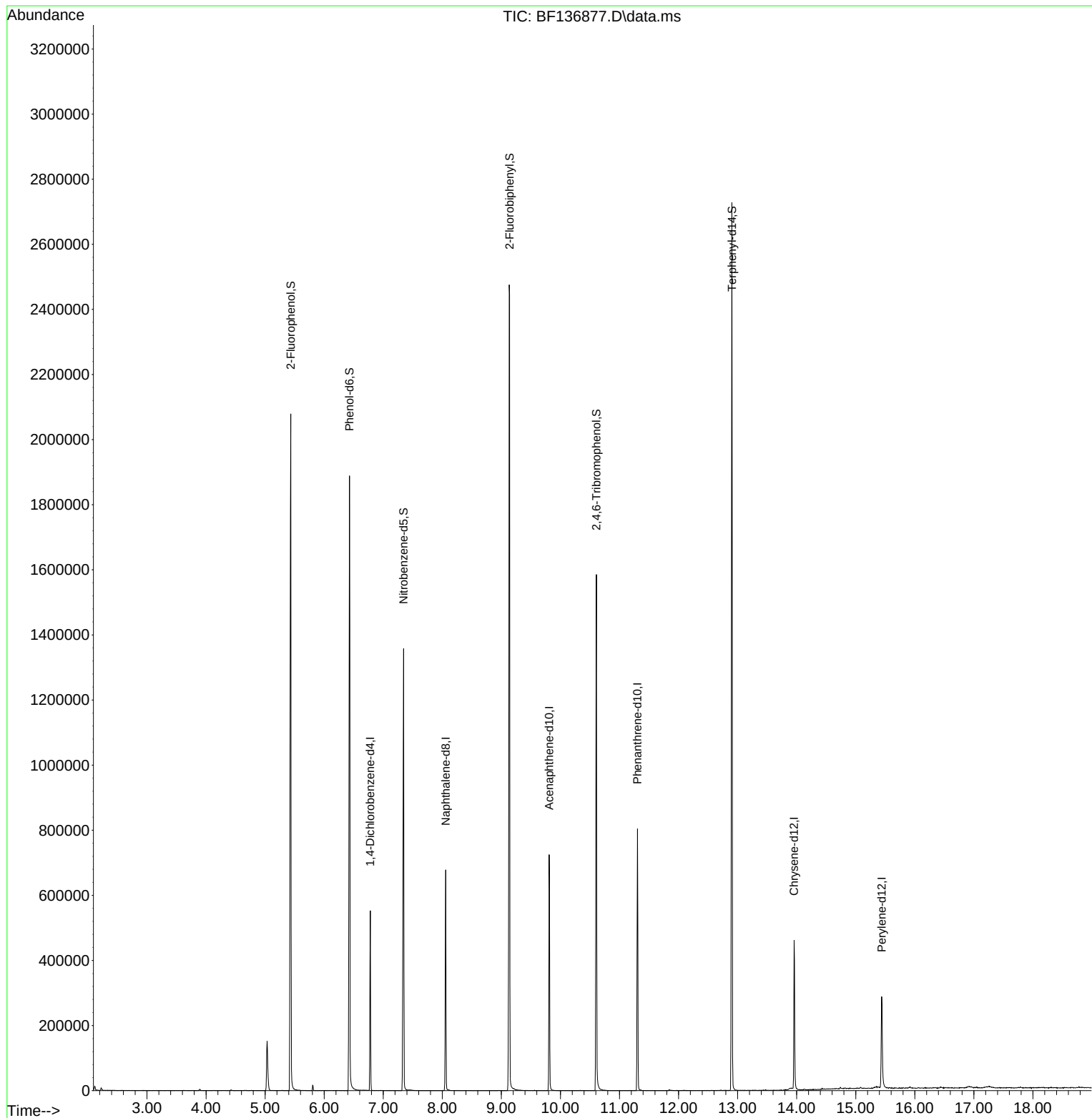
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

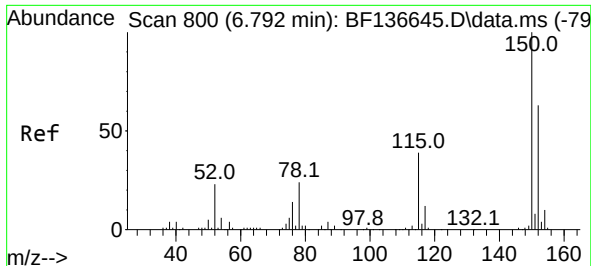
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010224\  
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Sample : PB158150TB  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB158150TB

Quant Time: Jan 03 02:01:50 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

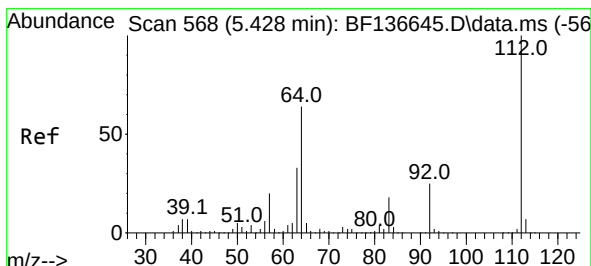
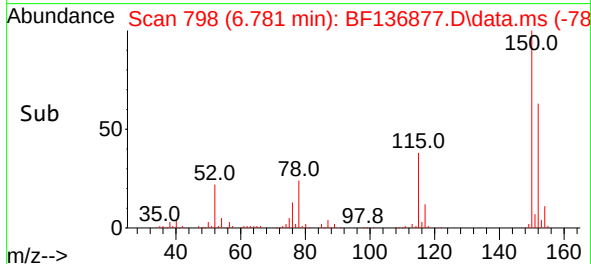
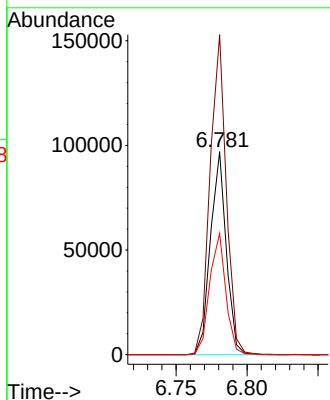
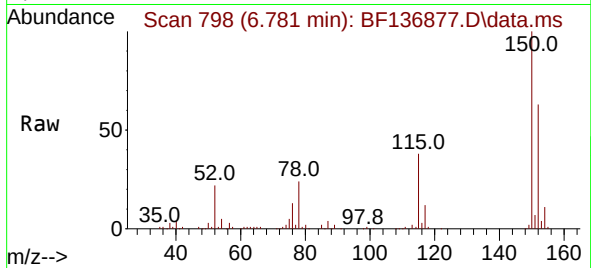




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BF136877.D  
Acq: 02 Jan 2024 18:20

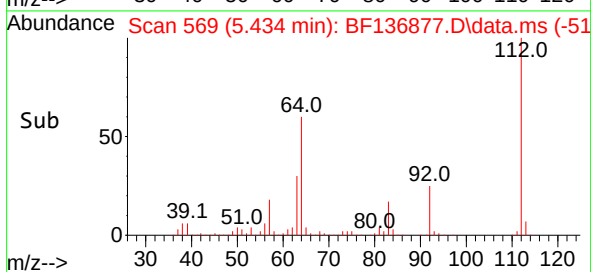
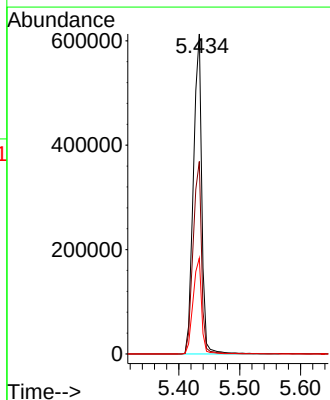
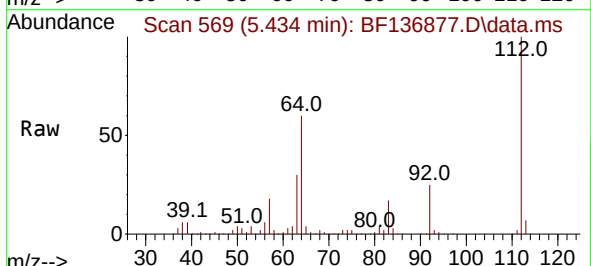
Instrument :  
BNA\_F  
ClientSampleId :  
PB158150TB

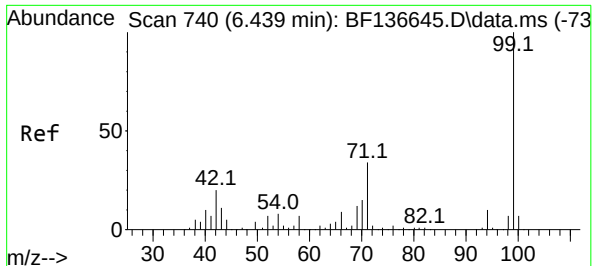
Tgt Ion:152 Resp: 75200  
Ion Ratio Lower Upper  
152 100  
150 157.6 127.0 190.6  
115 59.8 49.0 73.4



#5  
2-Fluorophenol  
Concen: 121.853 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: BF136877.D  
Acq: 02 Jan 2024 18:20

Tgt Ion:112 Resp: 587289  
Ion Ratio Lower Upper  
112 100  
64 60.2 51.1 76.7  
63 30.0 26.1 39.1

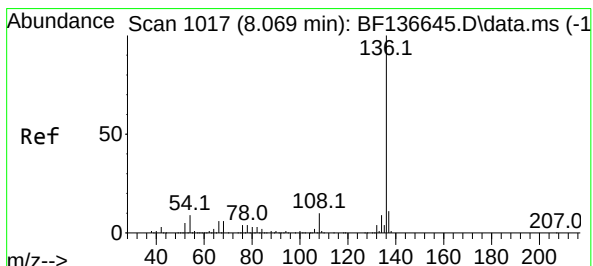
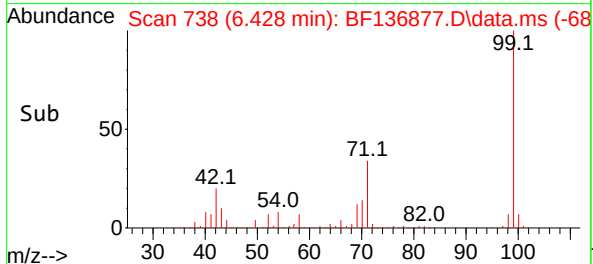
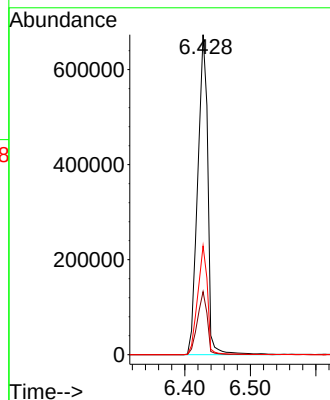
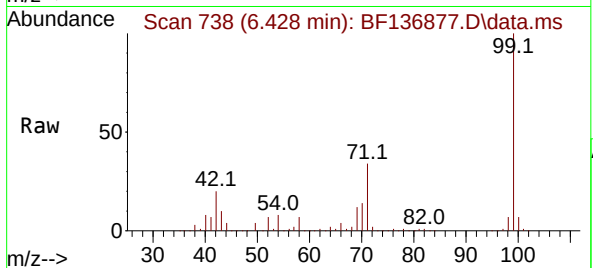




#7  
Phenol-d6  
Concen: 115.985 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF136877.D  
Acq: 02 Jan 2024 18:20

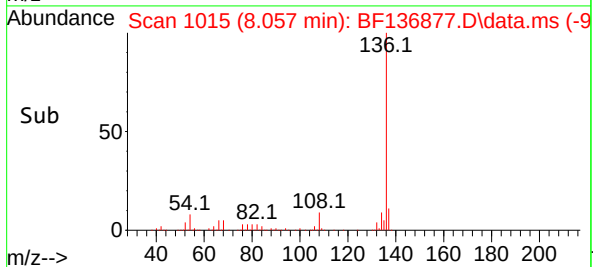
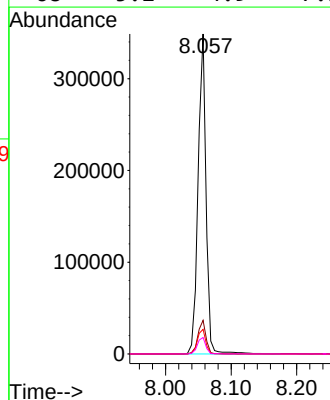
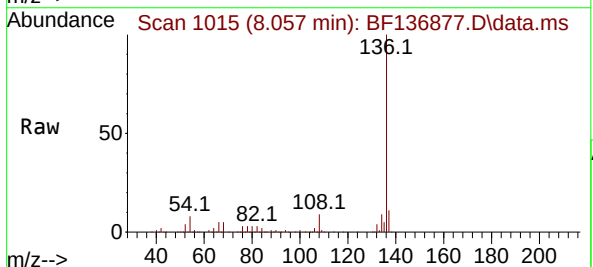
Instrument :  
BNA\_F  
ClientSampleId :  
PB158150TB

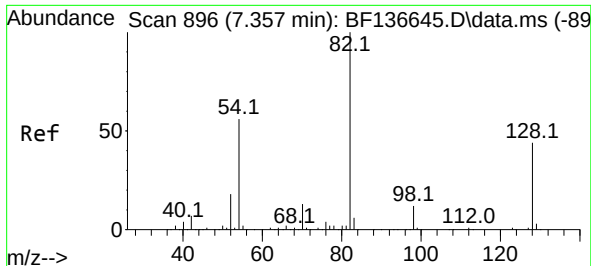
Tgt Ion: 99 Resp: 724336  
Ion Ratio Lower Upper  
99 100  
42 19.7 16.1 24.1  
71 34.0 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF136877.D  
Acq: 02 Jan 2024 18:20

Tgt Ion: 136 Resp: 295089  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.0 13.4  
54 7.7 7.2 10.8  
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 79.129 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136877.D

Acq: 02 Jan 2024 18:20

Instrument :

BNA\_F

ClientSampleId :

PB158150TB

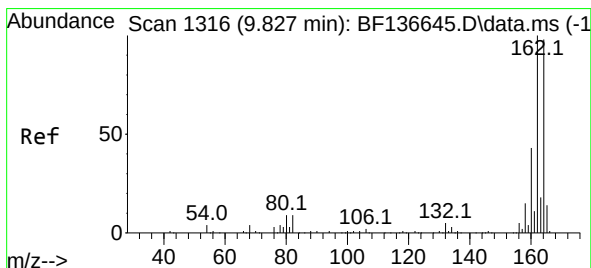
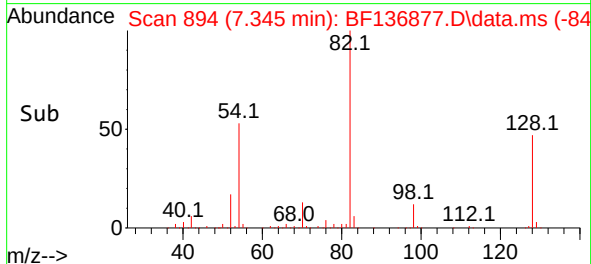
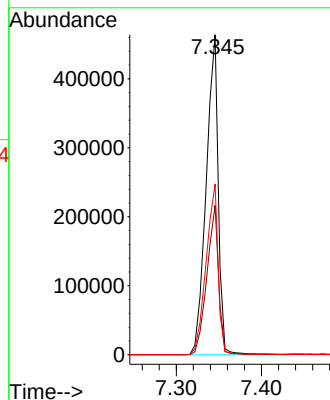
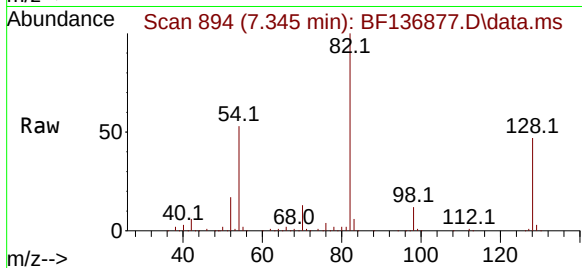
Tgt Ion: 82 Resp: 456317

Ion Ratio Lower Upper

82 100

128 46.6 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: BF136877.D

Acq: 02 Jan 2024 18:20

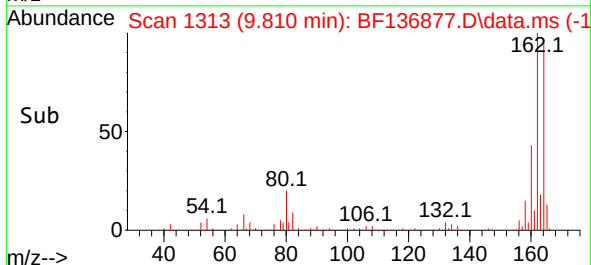
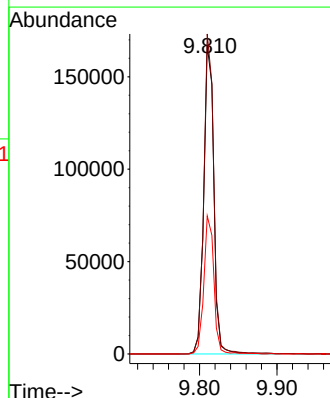
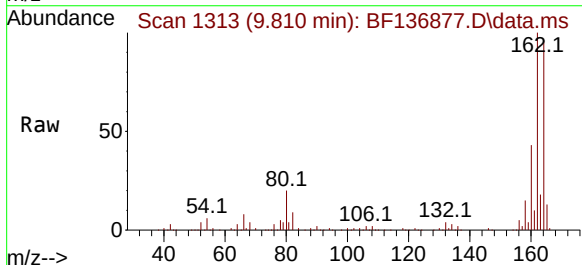
Tgt Ion:164 Resp: 150838

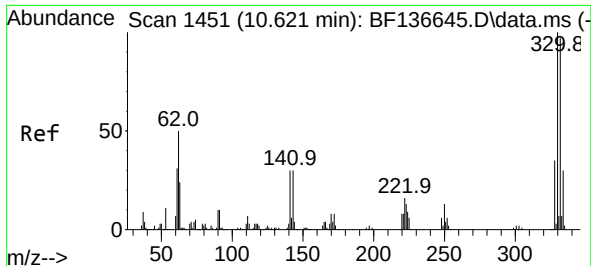
Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

160 44.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 115.680 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136877.D

Acq: 02 Jan 2024 18:20

Instrument :

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ClientSampleId :

PB158150TB

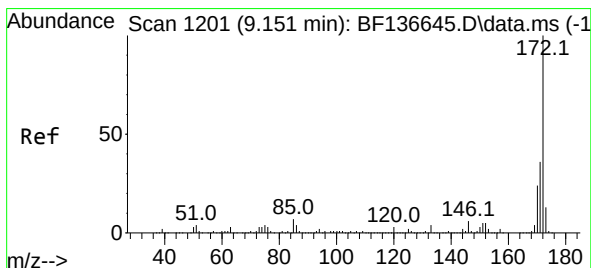
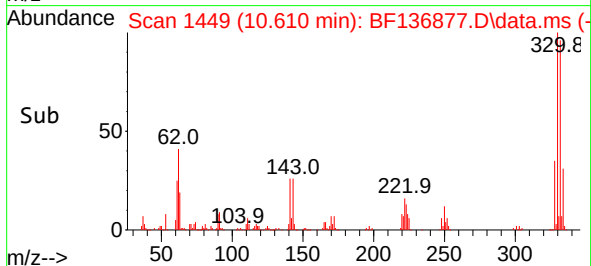
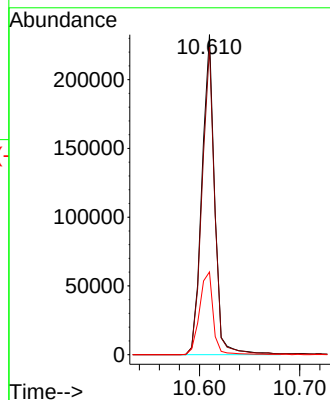
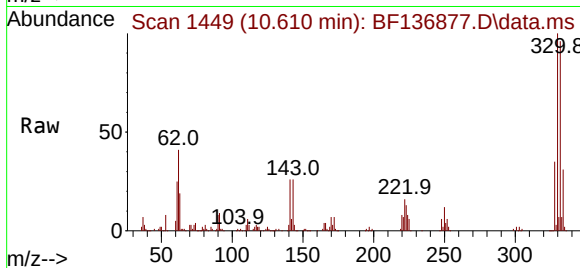
Tgt Ion:330 Resp: 205501

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 82.378 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136877.D

Acq: 02 Jan 2024 18:20

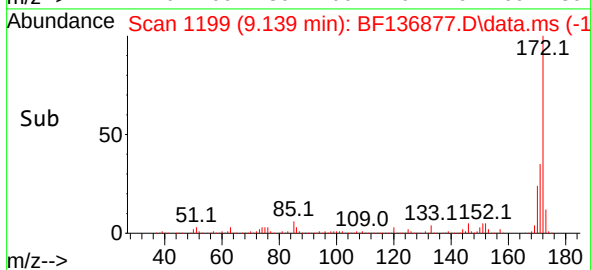
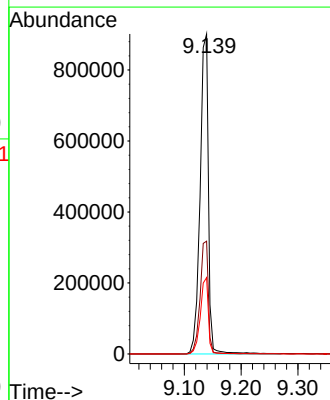
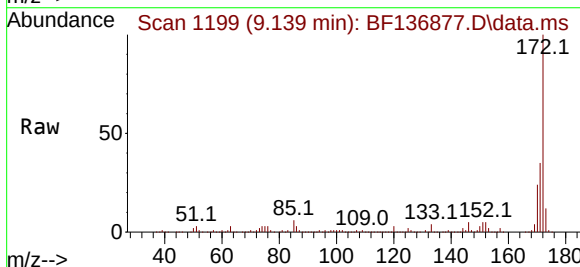
Tgt Ion:172 Resp: 923852

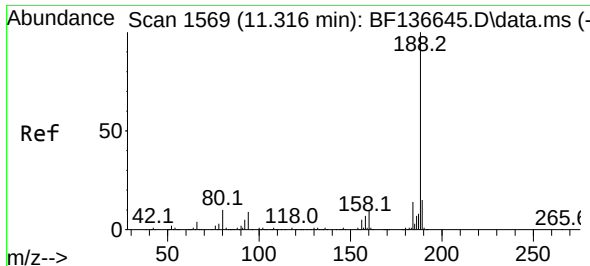
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

170 23.9 19.0 28.4

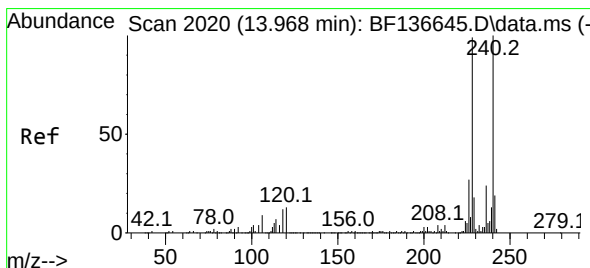
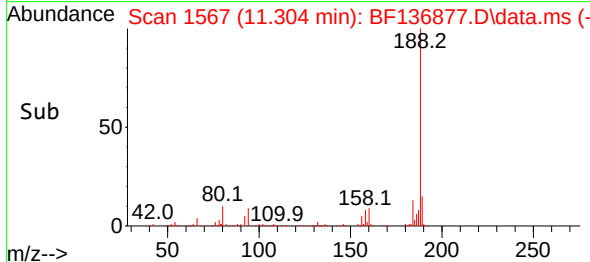
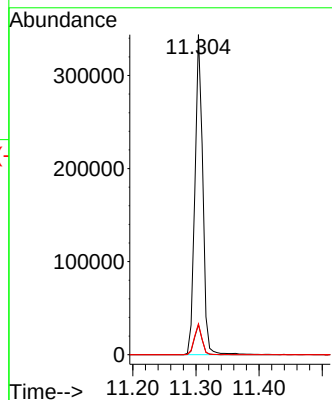
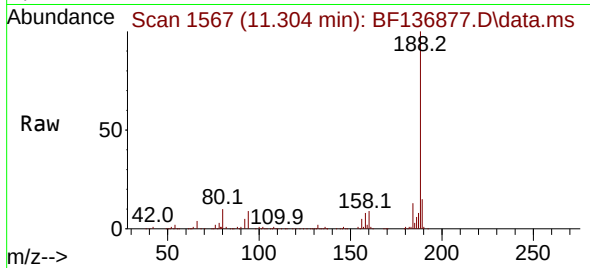




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136877.D  
Acq: 02 Jan 2024 18:20

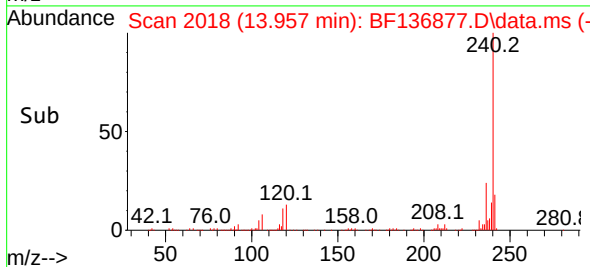
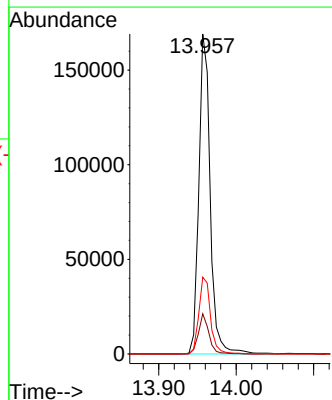
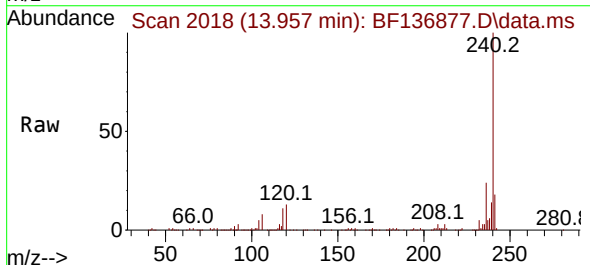
Instrument :  
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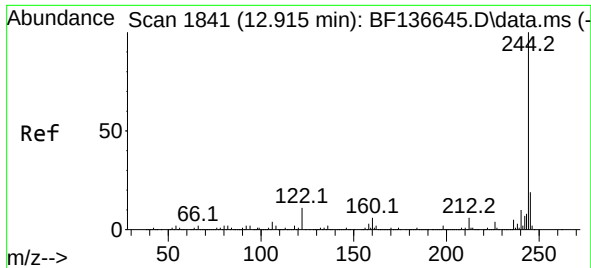
Tgt Ion:188 Resp: 296708  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.5 11.3  
80 9.7 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF136877.D  
Acq: 02 Jan 2024 18:20

Tgt Ion:240 Resp: 171611  
Ion Ratio Lower Upper  
240 100  
120 12.5 10.3 15.5  
236 24.0 19.4 29.2

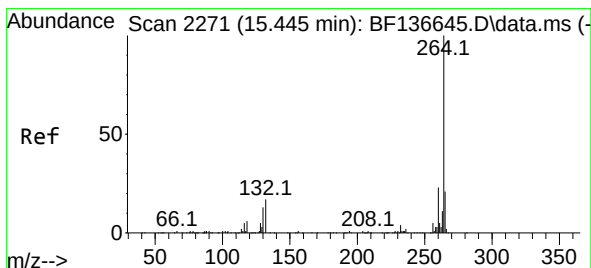
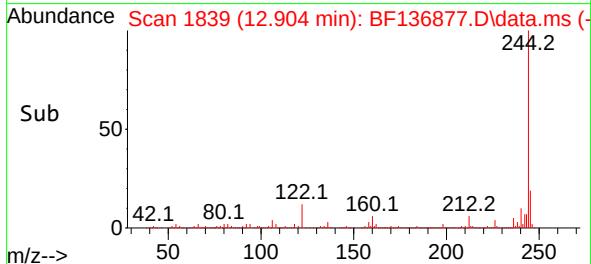
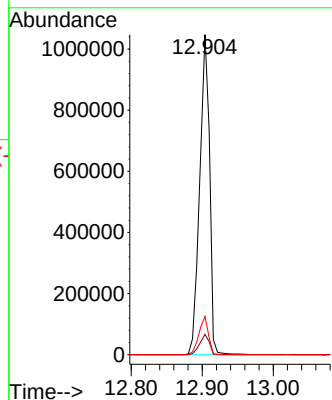
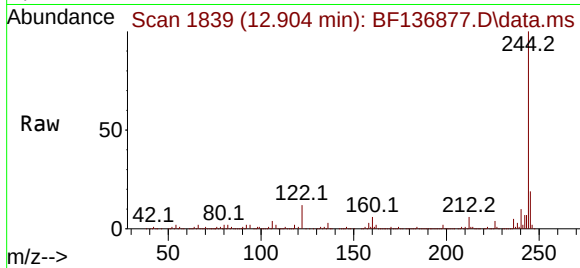




#79  
 Terphenyl-d14  
 Concen: 82.640 ng  
 RT: 12.904 min Scan# 1839  
 Delta R.T. -0.012 min  
 Lab File: BF136877.D  
 Acq: 02 Jan 2024 18:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB158150TB

Tgt Ion:244 Resp: 1014831  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.0 7.4  
 122 12.0 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: BF136877.D  
 Acq: 02 Jan 2024 18:20

Tgt Ion:264 Resp: 153541  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 18.3 27.5  
 265 22.3 17.0 25.6

