

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121123\  
 Data File : BF136501.D  
 Acq On : 11 Dec 2023 20:53  
 Operator : CG\JU  
 Sample : 05671-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-34

Quant Time: Dec 11 23:46:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 06 09:40:27 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.792  | 152  | 127791   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.069  | 136  | 511474   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.827  | 164  | 272837   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.316 | 188  | 506962   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.968 | 240  | 267223   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.451 | 264  | 256142   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 1118993  | 129.317 | ng    | 0.02     |
| 7) Phenol-d6                | 6.445  | 99   | 1396476  | 129.351 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 857364   | 90.619  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 421411   | 125.267 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 1620121  | 81.025  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.921 | 244  | 1640977  | 80.939  | ng    | 0.00     |

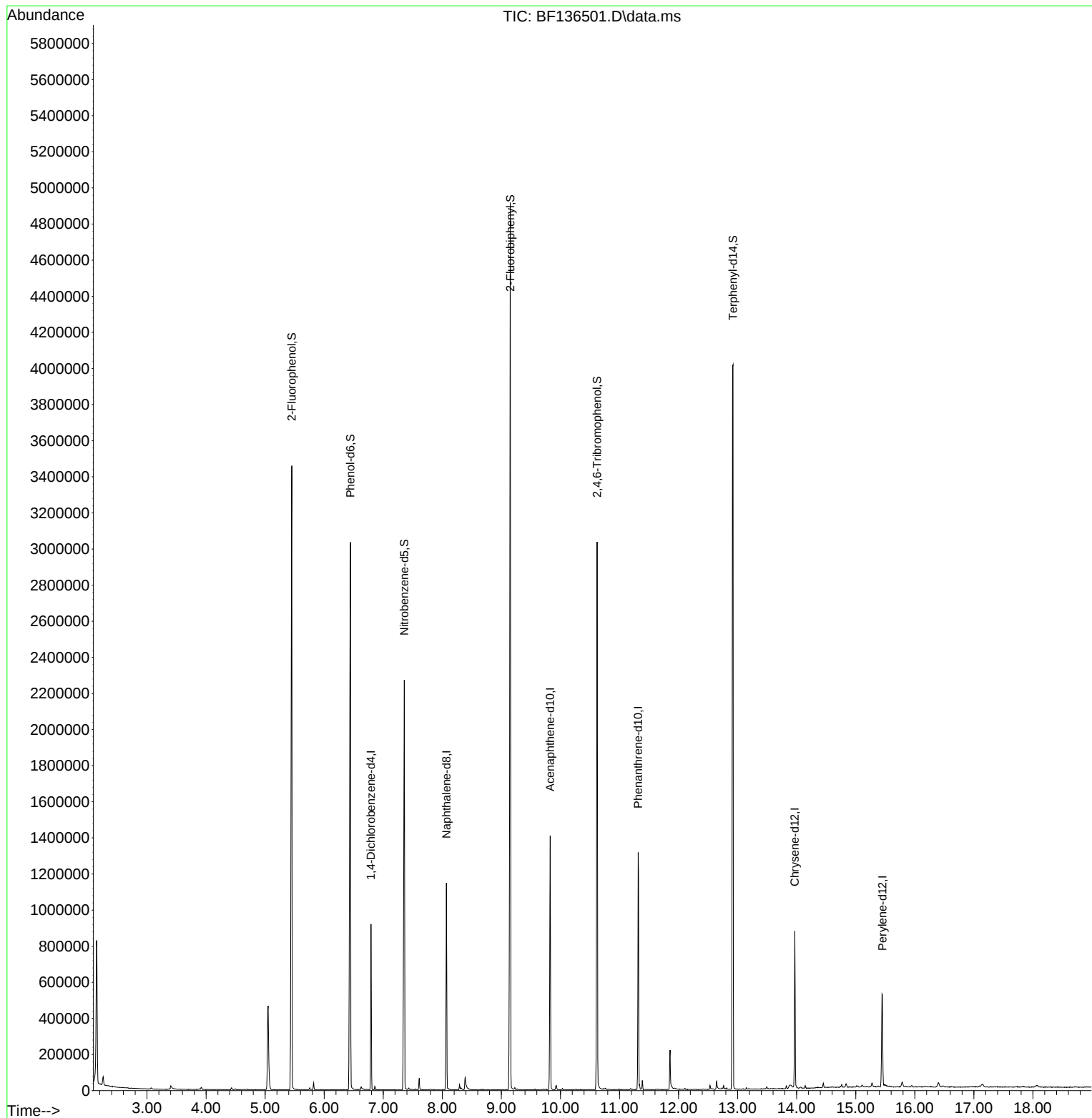
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

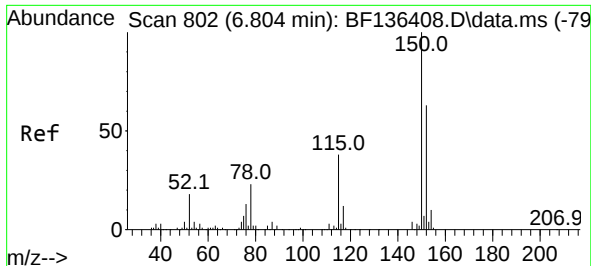
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121123\  
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Sample : 05671-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
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TP-34

Quant Time: Dec 11 23:46:56 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 06 09:40:27 2023  
Response via : Initial Calibration

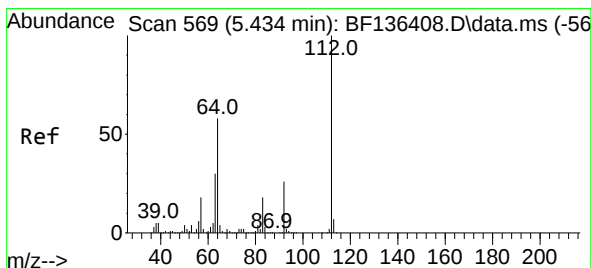
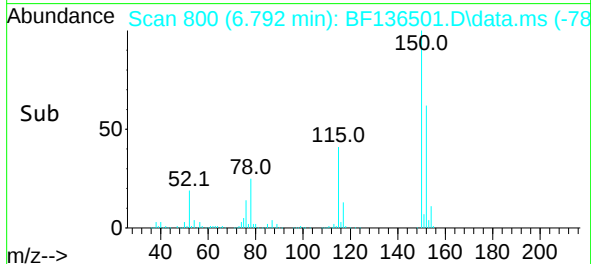
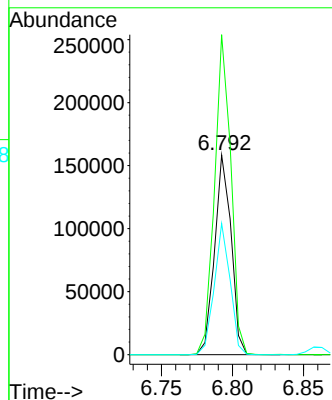
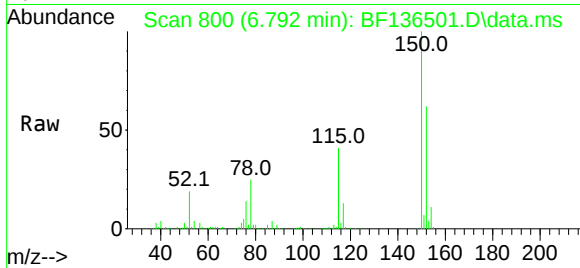




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BF136501.D  
Acq: 11 Dec 2023 20:53

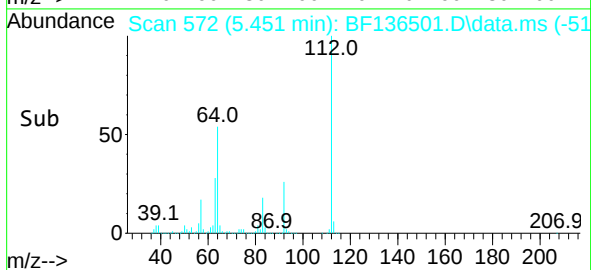
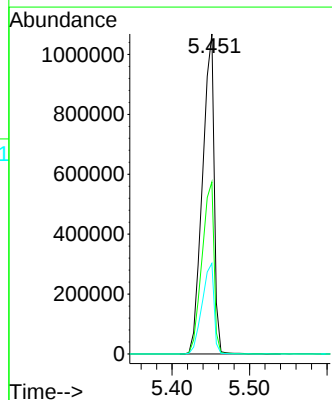
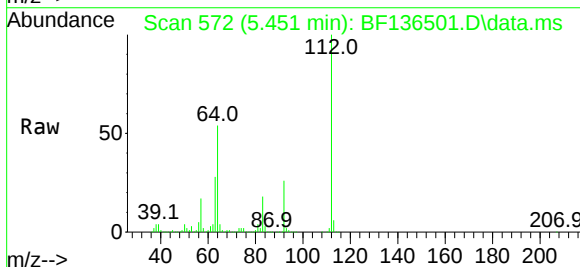
Instrument :  
BNA\_F  
ClientSampleId :  
TP-34

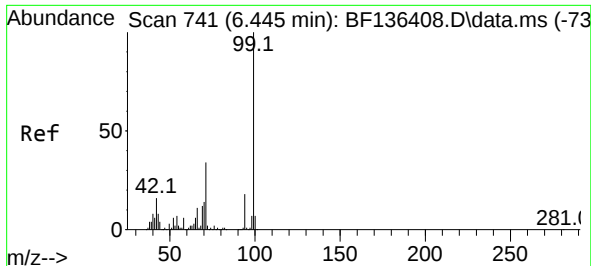
Tgt Ion:152 Resp: 127791  
Ion Ratio Lower Upper  
152 100  
150 160.3 126.4 189.6  
115 65.7 48.2 72.4



#5  
2-Fluorophenol  
Concen: 129.317 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.018 min  
Lab File: BF136501.D  
Acq: 11 Dec 2023 20:53

Tgt Ion:112 Resp: 1118993  
Ion Ratio Lower Upper  
112 100  
64 53.7 46.5 69.7  
63 28.3 23.9 35.9

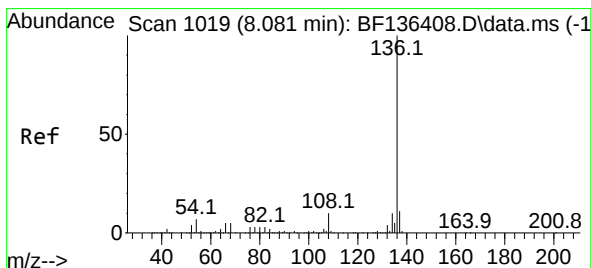
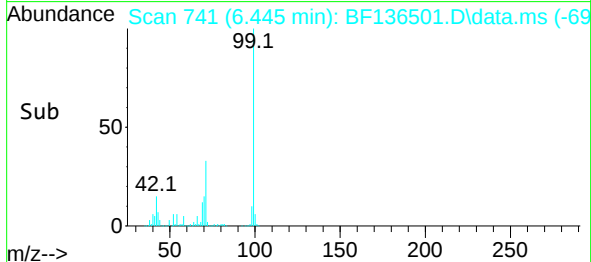
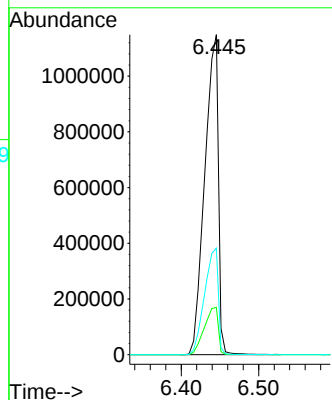
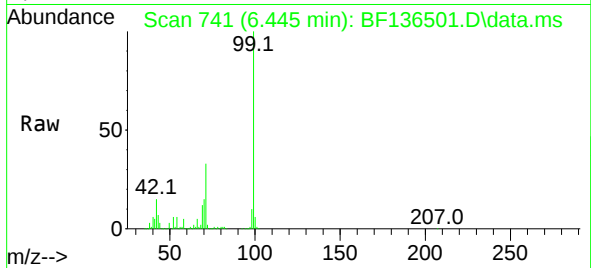




#7  
Phenol-d6  
Concen: 129.351 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF136501.D  
Acq: 11 Dec 2023 20:53

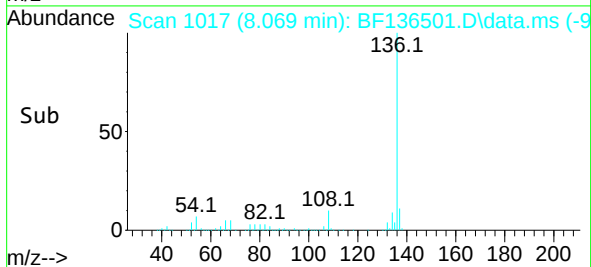
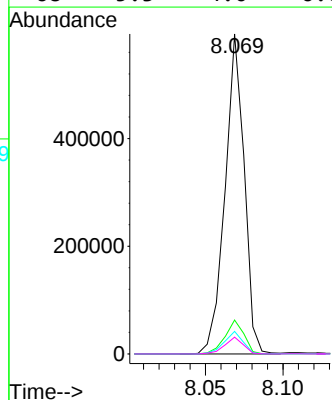
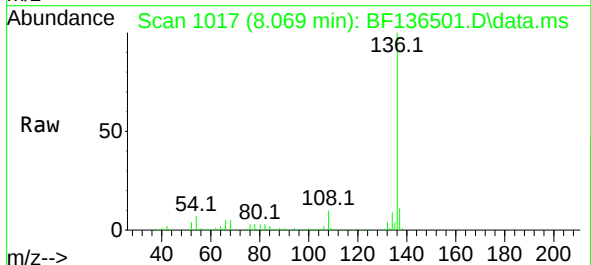
Instrument :  
BNA\_F  
ClientSampleId :  
TP-34

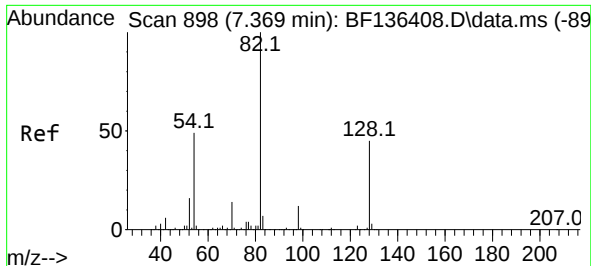
Tgt Ion: 99 Resp: 1396476  
Ion Ratio Lower Upper  
99 100  
42 14.8 12.8 19.2  
71 33.3 27.0 40.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF136501.D  
Acq: 11 Dec 2023 20:53

Tgt Ion: 136 Resp: 511474  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 12.8  
54 7.1 5.7 8.5  
68 5.3 4.0 6.0





#23

Nitrobenzene-d5

Concen: 90.619 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136501.D

Acq: 11 Dec 2023 20:53

Instrument :

BNA\_F

ClientSampleId :

TP-34

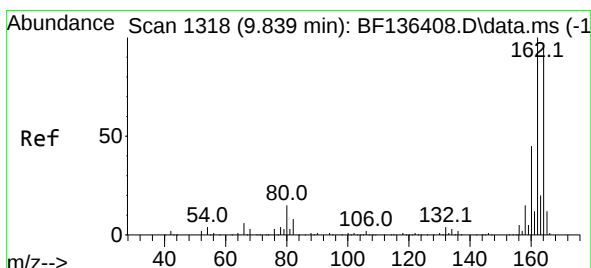
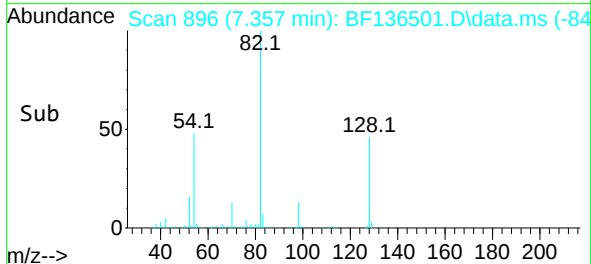
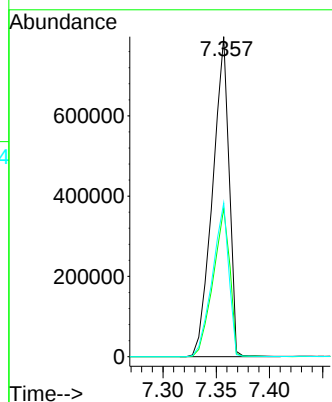
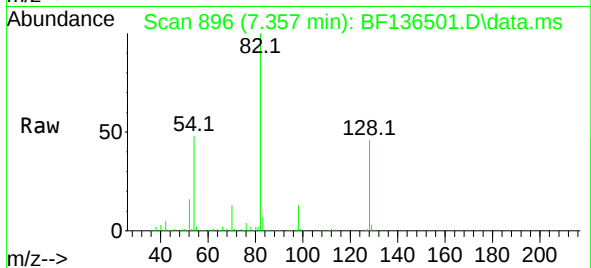
Tgt Ion: 82 Resp: 857364

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

54 48.1 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136501.D

Acq: 11 Dec 2023 20:53

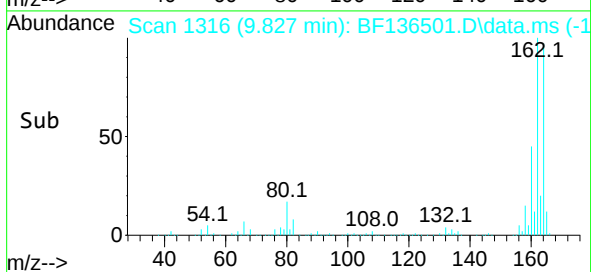
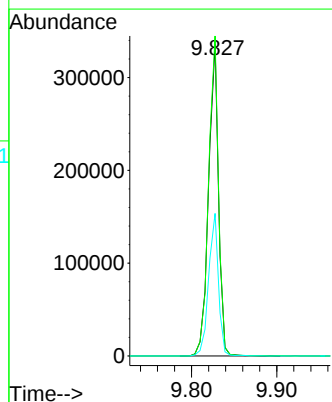
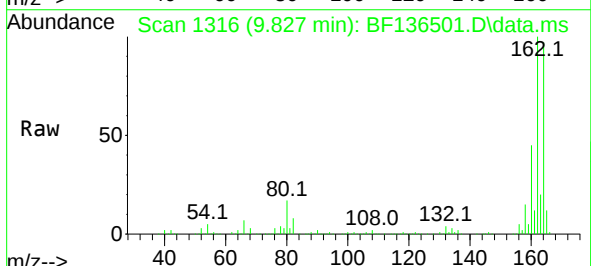
Tgt Ion: 164 Resp: 272837

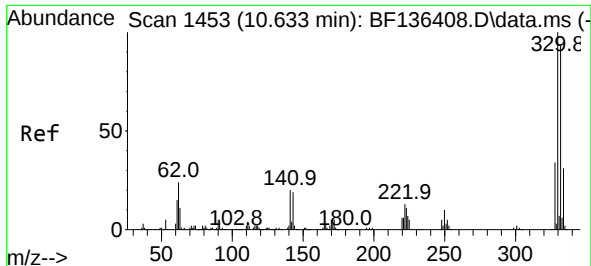
Ion Ratio Lower Upper

164 100

162 102.6 84.4 126.6

160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 125.267 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136501.D

Acq: 11 Dec 2023 20:53

Instrument :

BNA\_F

ClientSampleId :

TP-34

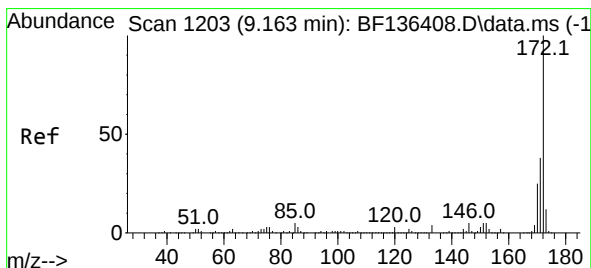
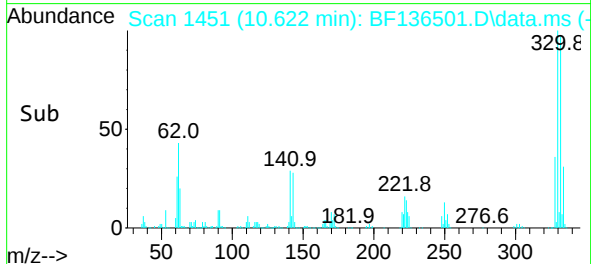
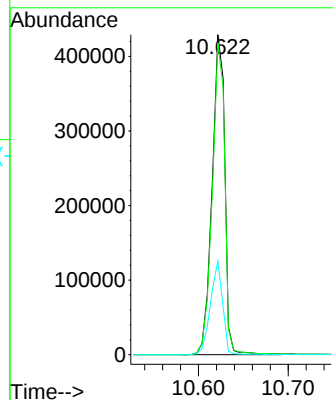
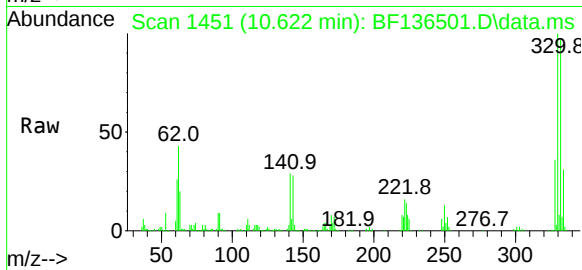
Tgt Ion:330 Resp: 421411

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

141 28.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 81.025 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136501.D

Acq: 11 Dec 2023 20:53

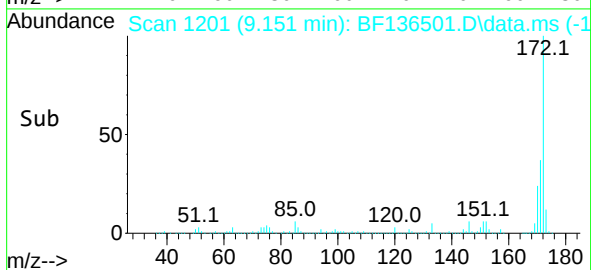
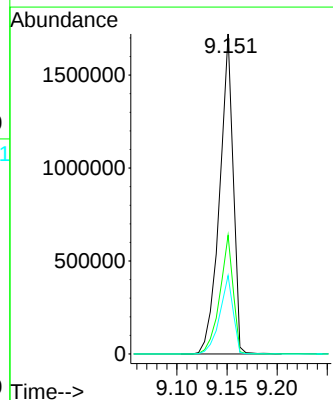
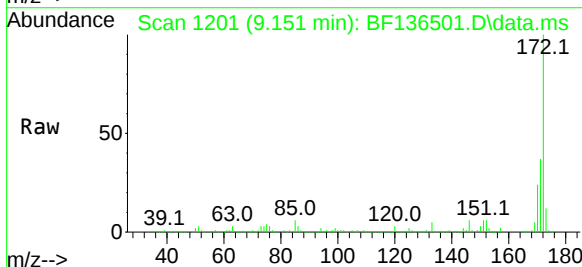
Tgt Ion:172 Resp: 1620121

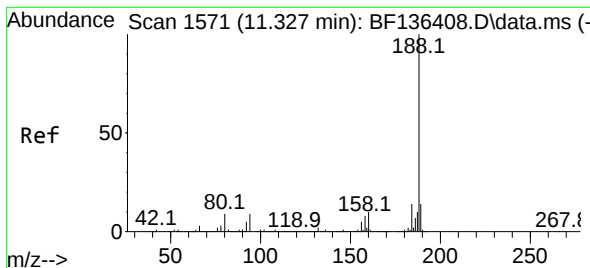
Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

170 24.5 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136501.D

Acq: 11 Dec 2023 20:53

Instrument :

BNA\_F

ClientSampleId :

TP-34

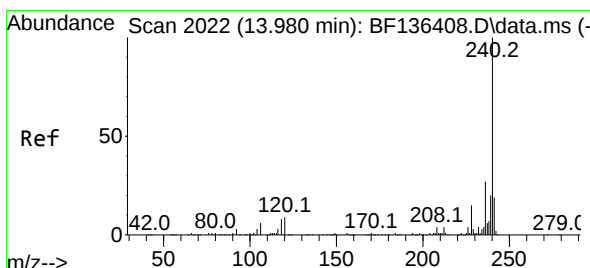
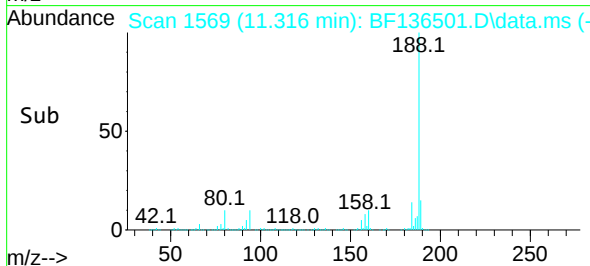
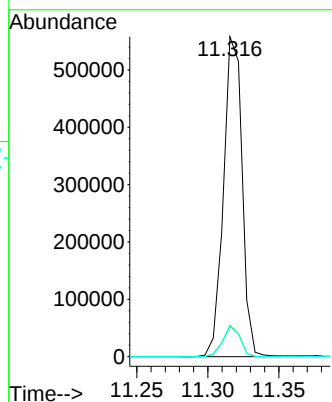
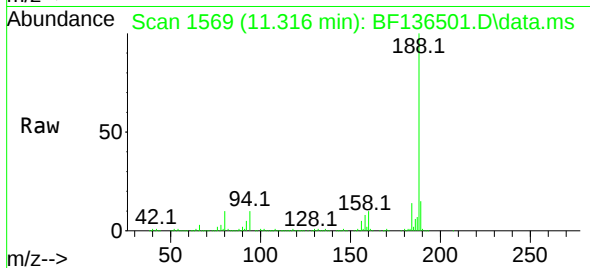
Tgt Ion:188 Resp: 506962

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

80 9.9 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136501.D

Acq: 11 Dec 2023 20:53

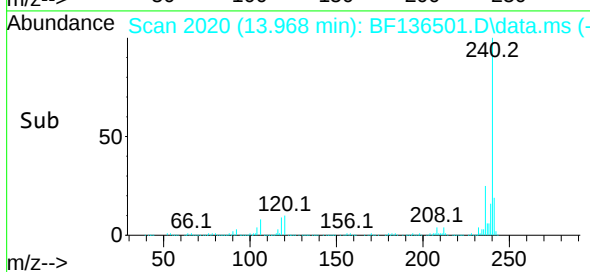
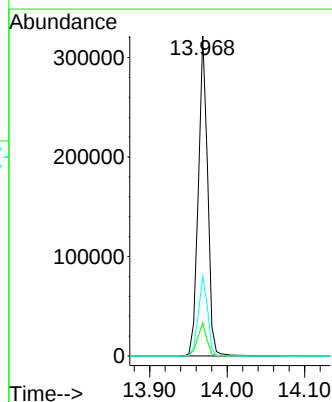
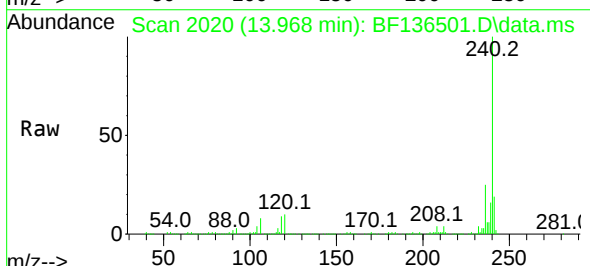
Tgt Ion:240 Resp: 267223

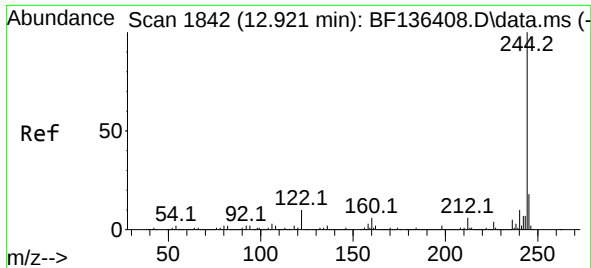
Ion Ratio Lower Upper

240 100

120 10.3 7.3 10.9

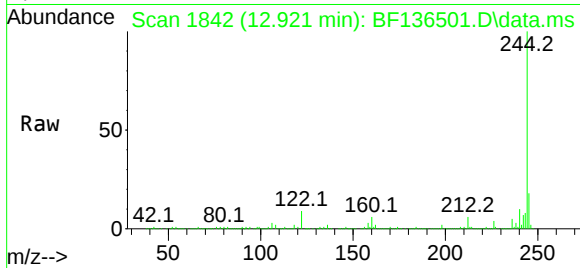
236 24.8 21.3 31.9



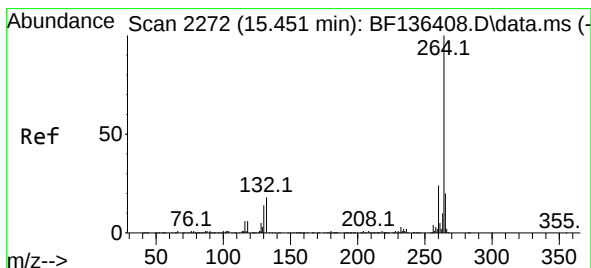
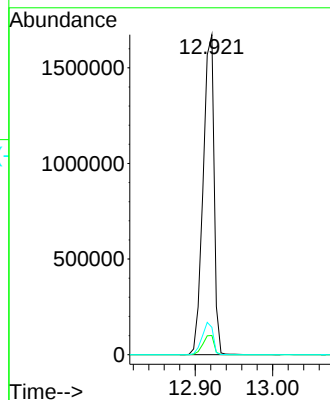
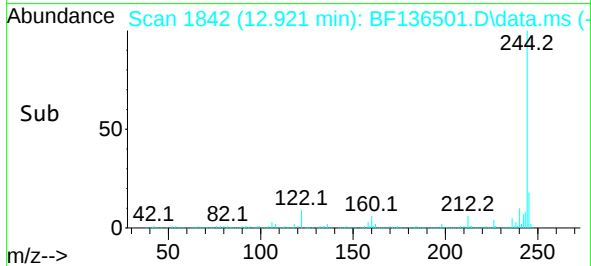


#79  
 Terphenyl-d14  
 Concen: 80.939 ng  
 RT: 12.921 min Scan# 1842  
 Delta R.T. -0.000 min  
 Lab File: BF136501.D  
 Acq: 11 Dec 2023 20:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-34



Tgt Ion:244 Resp: 1640977  
 Ion Ratio Lower Upper  
 244 100  
 212 6.0 5.0 7.4  
 122 8.5 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.451 min Scan# 2272  
 Delta R.T. -0.000 min  
 Lab File: BF136501.D  
 Acq: 11 Dec 2023 20:53

Tgt Ion:264 Resp: 256142  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.2 28.8  
 265 21.6 15.9 23.9

