

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053024\  
 Data File : BF138080.D  
 Acq On : 30 May 2024 17:21  
 Operator : CG\JU  
 Sample : P2610-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HR-02-05242024

Quant Time: May 30 17:57:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF051424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 15 04:12:16 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.034  | 152  | 104065   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.316  | 136  | 397846   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 10.081 | 164  | 202052   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.581 | 188  | 266464   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.227 | 240  | 199291   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.798 | 264  | 156213   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.657  | 112  | 360731   | 58.882 | ng    | 0.00     |
| 7) Phenol-d6                | 6.651  | 99   | 427588   | 56.659 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.593  | 82   | 267540   | 39.575 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.875 | 330  | 110807   | 54.389 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.392  | 172  | 596718   | 45.492 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.163 | 244  | 460663   | 34.067 | ng    | 0.00     |

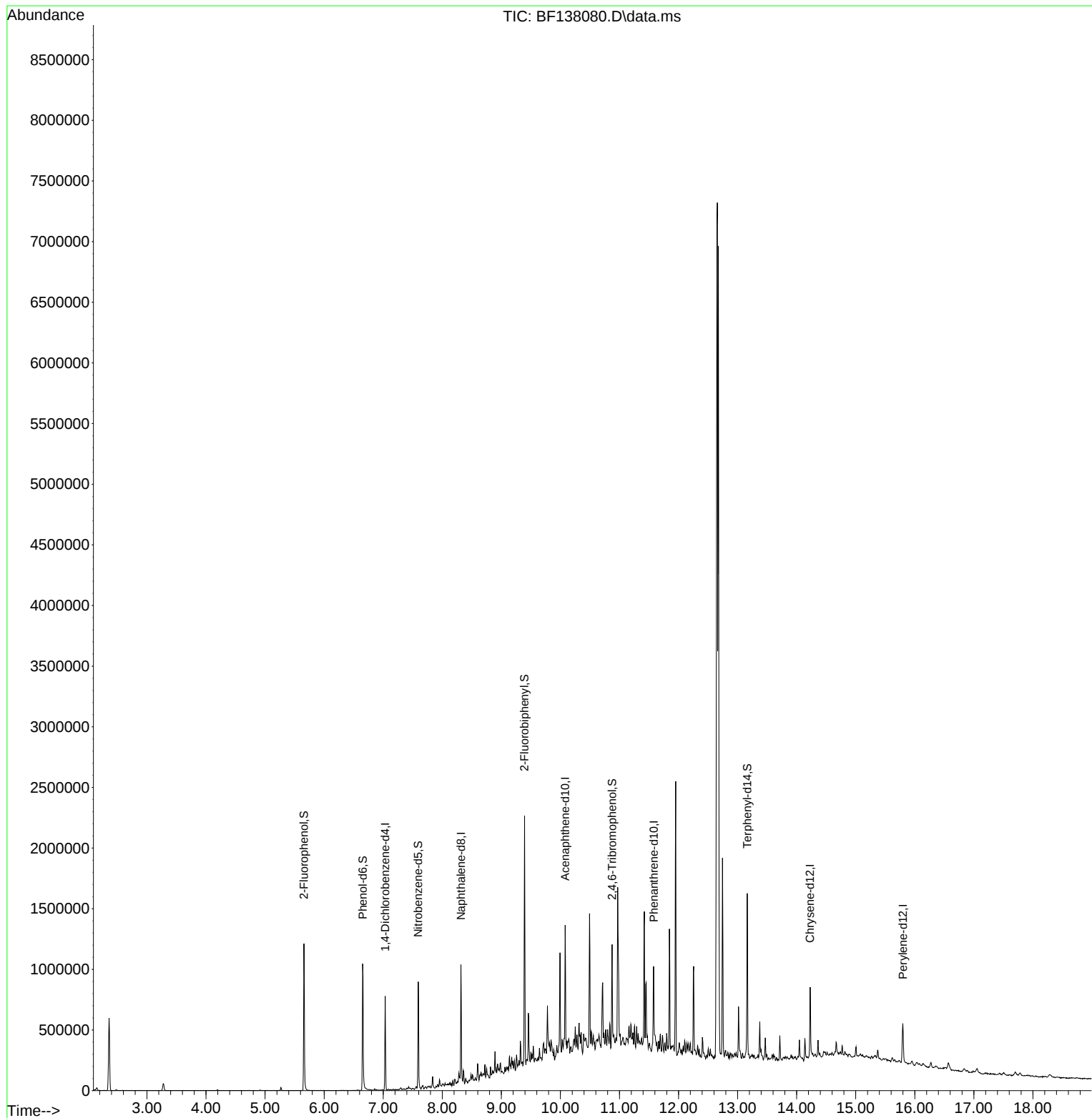
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

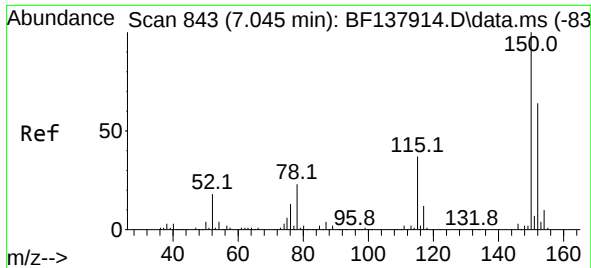
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 15 04:12:16 2024  
Response via : Initial Calibration

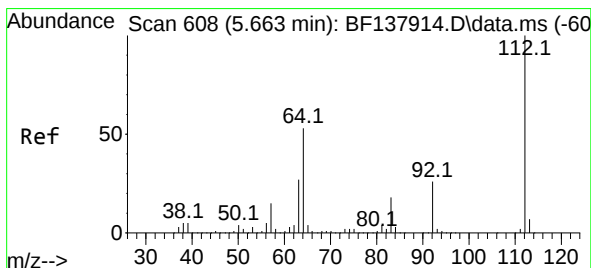
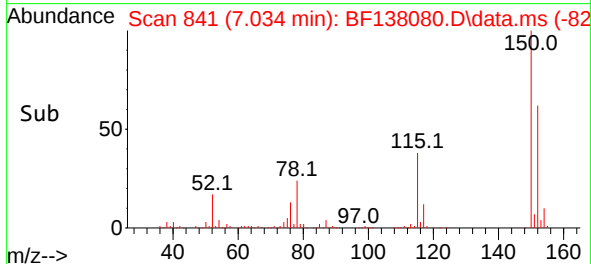
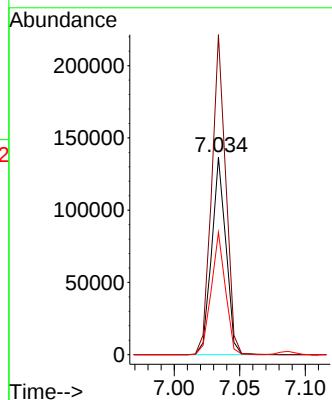
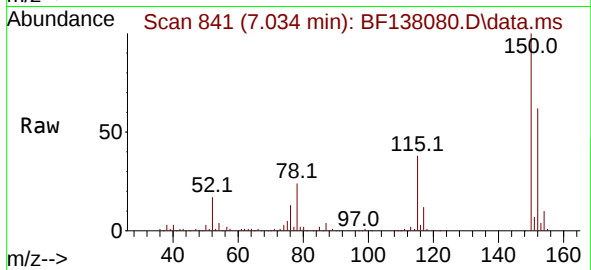




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.034 min Scan# 84  
Delta R.T. -0.011 min  
Lab File: BF138080.D  
Acq: 30 May 2024 17:21

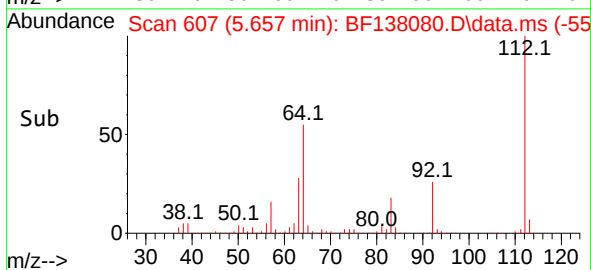
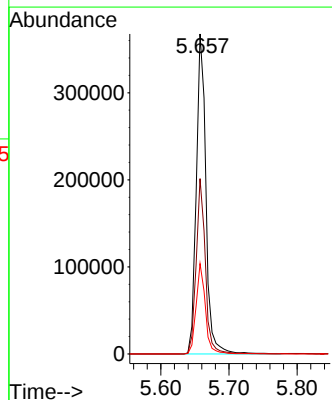
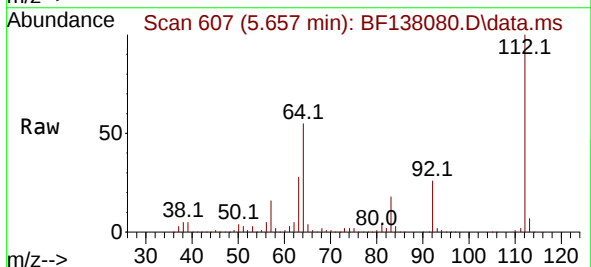
Instrument :  
BNA\_F  
ClientSampleId :  
HR-02-05242024

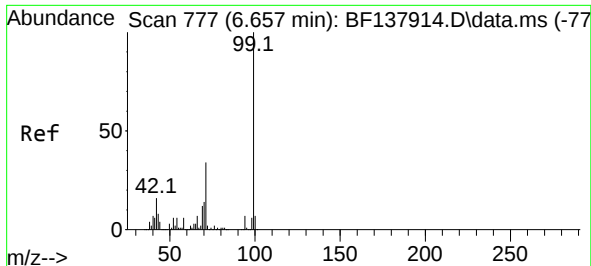
Tgt Ion:152 Resp: 104065  
Ion Ratio Lower Upper  
152 100  
150 161.9 125.7 188.5  
115 61.9 47.0 70.6



#5  
2-Fluorophenol  
Concen: 58.882 ng  
RT: 5.657 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: BF138080.D  
Acq: 30 May 2024 17:21

Tgt Ion:112 Resp: 360731  
Ion Ratio Lower Upper  
112 100  
64 54.8 42.4 63.6  
63 28.3 21.4 32.2

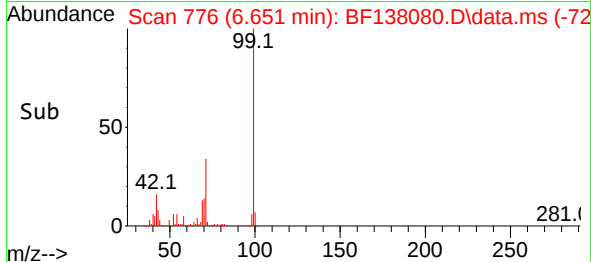
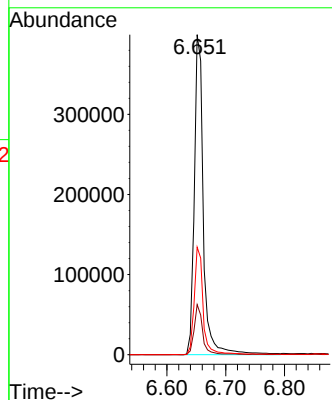
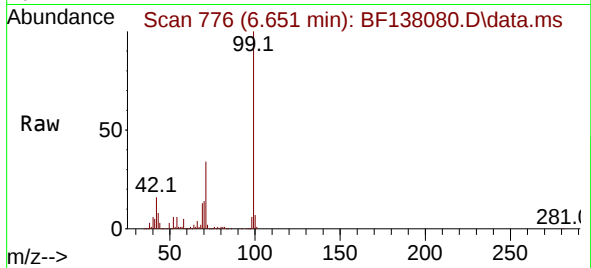




#7  
Phenol-d6  
Concen: 56.659 ng  
RT: 6.651 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF138080.D  
Acq: 30 May 2024 17:21

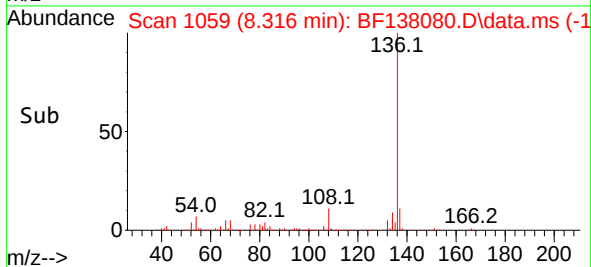
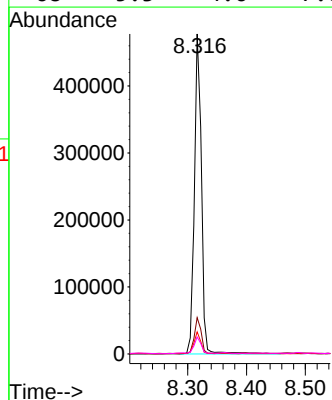
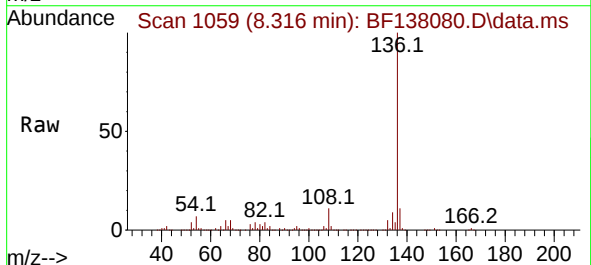
Instrument :  
BNA\_F  
ClientSampleId :  
HR-02-05242024

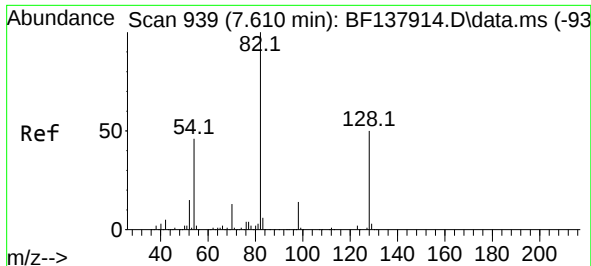
Tgt Ion: 99 Resp: 427588  
Ion Ratio Lower Upper  
99 100  
42 15.7 12.6 18.8  
71 33.6 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.316 min Scan# 1059  
Delta R.T. -0.012 min  
Lab File: BF138080.D  
Acq: 30 May 2024 17:21

Tgt Ion: 136 Resp: 397846  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.7 13.1  
54 6.9 5.4 8.2  
68 5.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 39.575 ng

RT: 7.593 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

Instrument :

BNA\_F

ClientSampleId :

HR-02-05242024

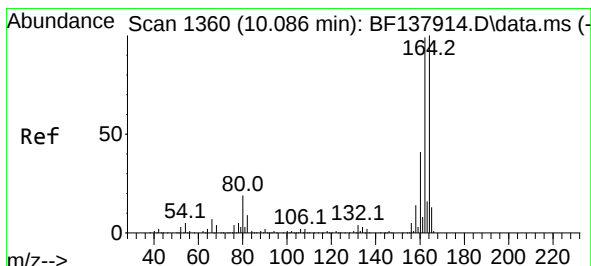
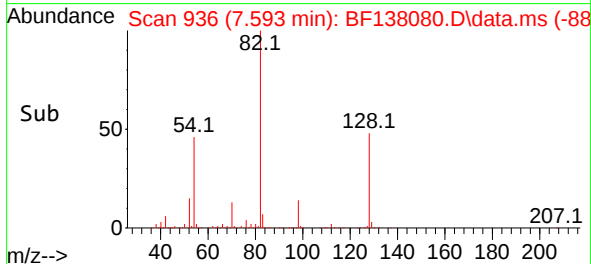
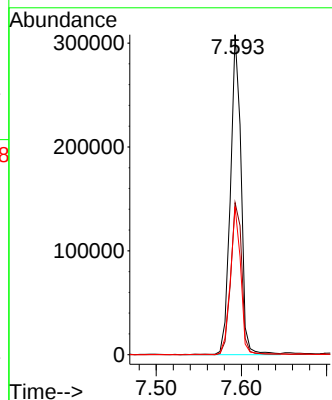
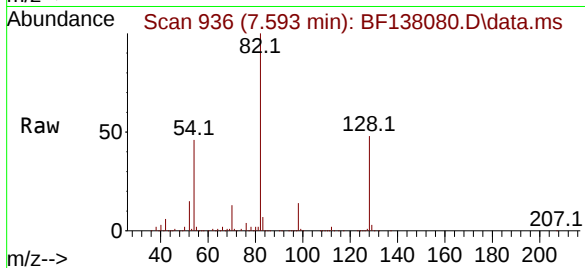
Tgt Ion: 82 Resp: 267540

Ion Ratio Lower Upper

82 100

128 47.5 40.3 60.5

54 46.3 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

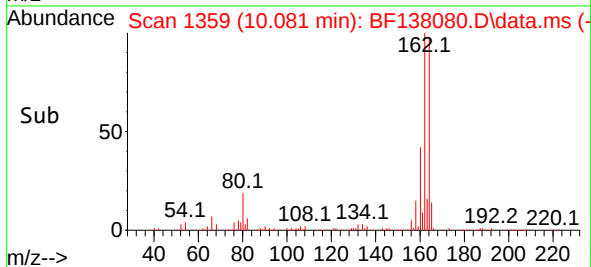
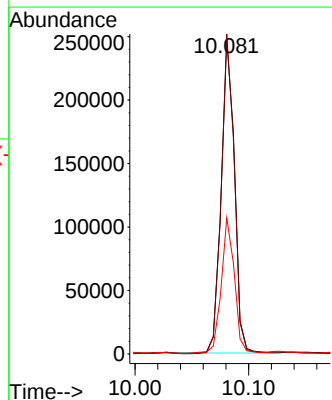
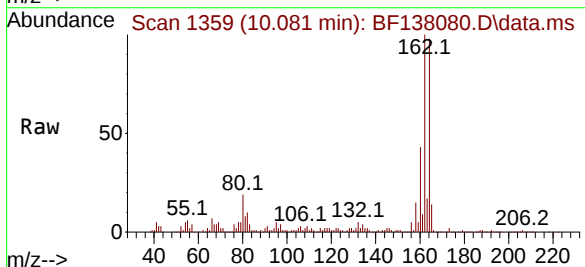
Tgt Ion: 164 Resp: 202052

Ion Ratio Lower Upper

164 100

162 101.7 79.4 119.2

160 43.3 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 54.389 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

Instrument :

BNA\_F

ClientSampleId :

HR-02-05242024

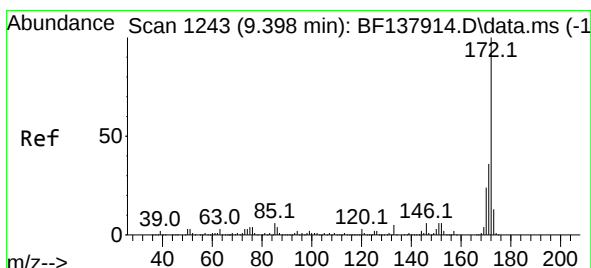
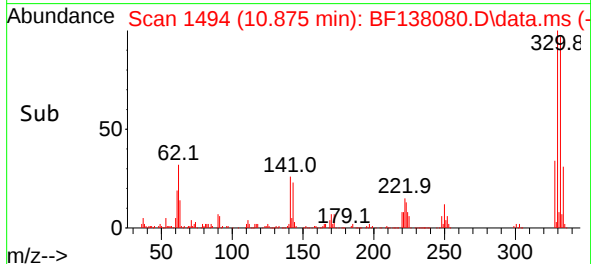
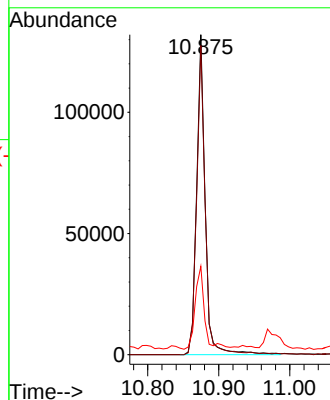
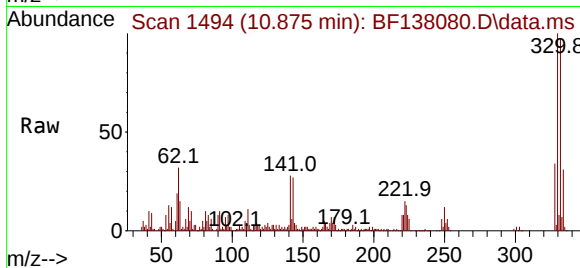
Tgt Ion:330 Resp: 110807

Ion Ratio Lower Upper

330 100

332 96.8 75.8 113.8

141 26.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 45.492 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

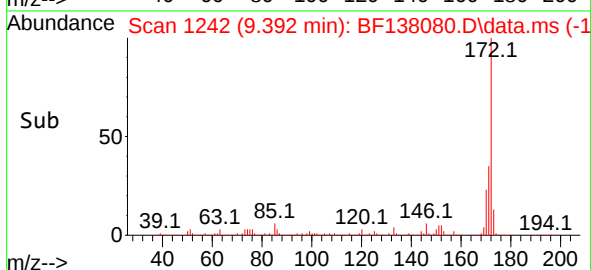
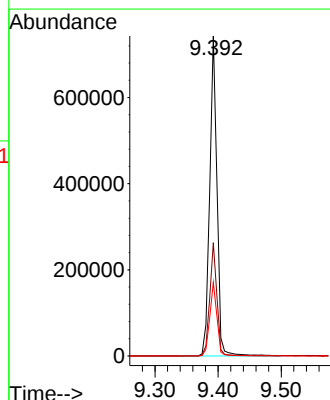
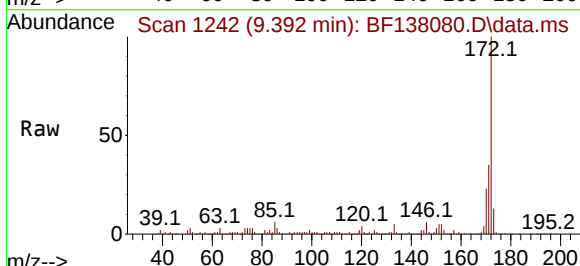
Tgt Ion:172 Resp: 596718

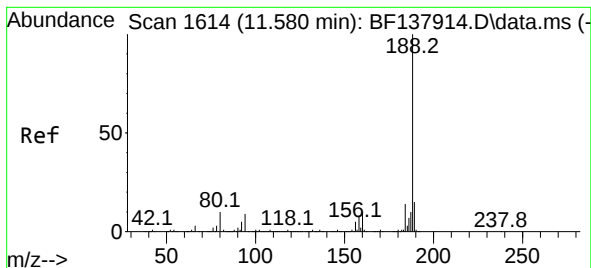
Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

Instrument :

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ClientSampleId :

HR-02-05242024

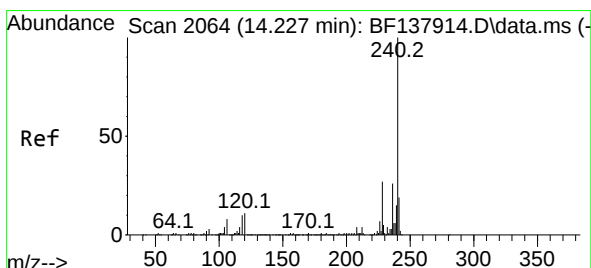
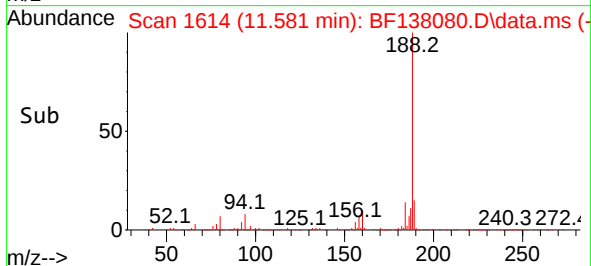
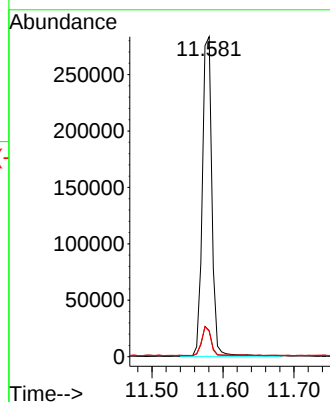
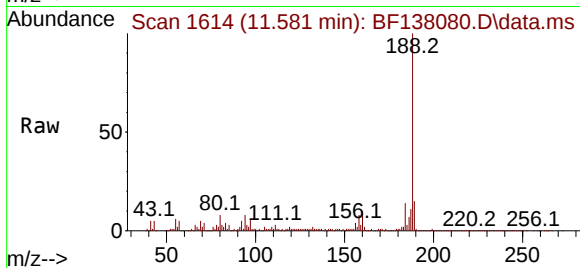
Tgt Ion:188 Resp: 266464

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 7.9 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

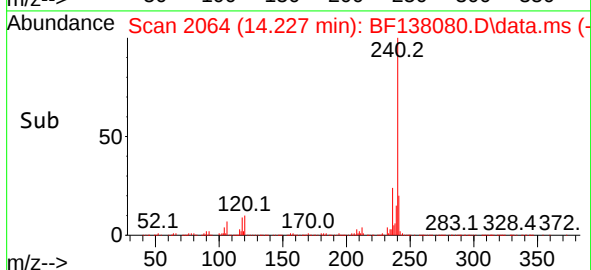
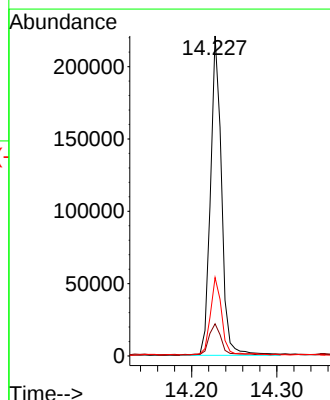
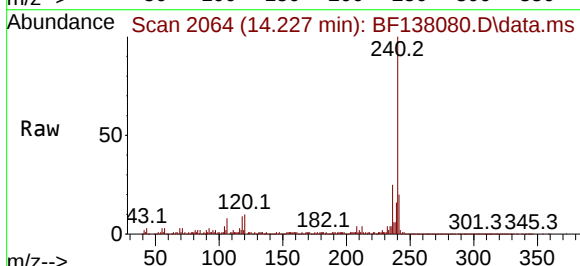
Tgt Ion:240 Resp: 199291

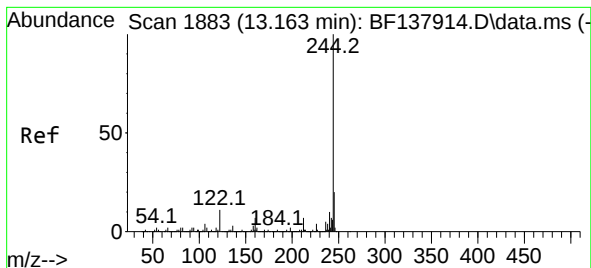
Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 24.5 21.0 31.4





#79

Terphenyl-d14

Concen: 34.067 ng

RT: 13.163 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138080.D

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HR-02-05242024

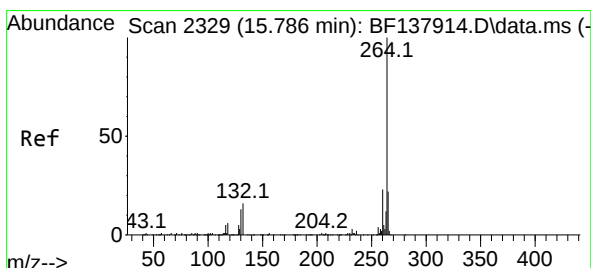
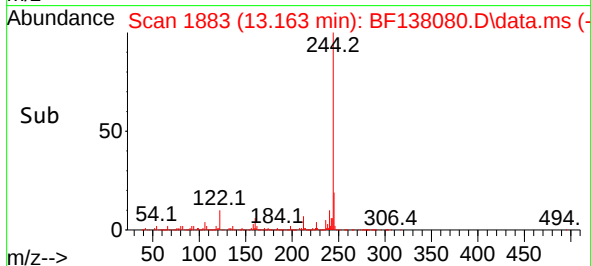
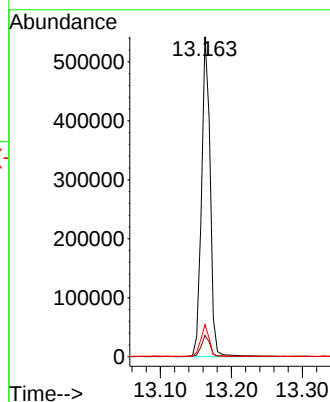
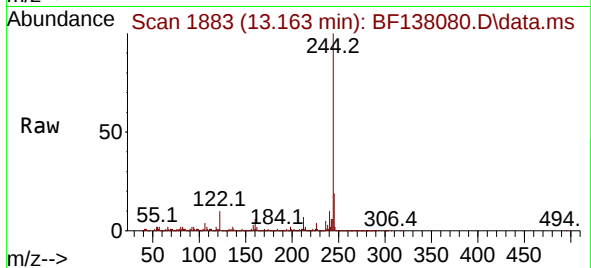
Tgt Ion:244 Resp: 460663

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138080.D

Acq: 30 May 2024 17:21

Tgt Ion:264 Resp: 156213

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 23.5 17.6 26.4

