

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031125\  
 Data File : BF141915.D  
 Acq On : 11 Mar 2025 14:26  
 Operator : RC/JU  
 Sample : Q1514-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-103-SB01

Quant Time: Mar 11 14:55:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

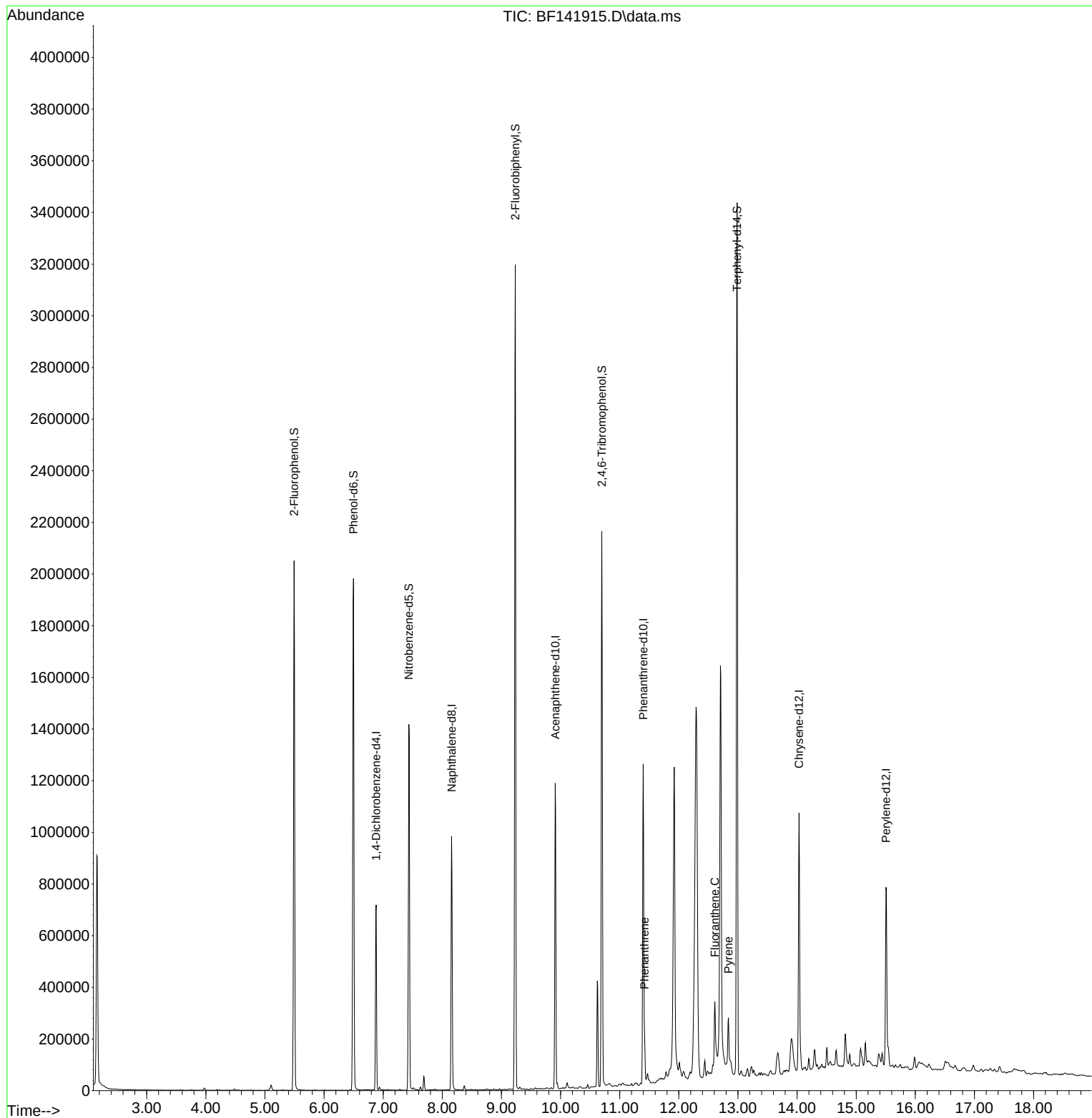
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 153238   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 609925   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 347323   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 611592   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 452771   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.504 | 264  | 421172   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.492  | 112  | 781927   | 85.162 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 977722   | 83.636 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 650895   | 60.056 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 379614   | 86.154 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 1367158  | 59.863 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1706898  | 55.736 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.422 | 178  | 90943    | 2.753  | ng    | 98       |
| 75) Fluoranthene            | 12.610 | 202  | 111477   | 3.181  | ng    | 99       |
| 78) Pyrene                  | 12.839 | 202  | 115154   | 2.940  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

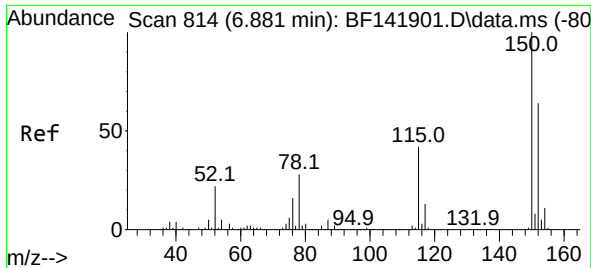
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031125\  
Data File : BF141915.D  
Acq On : 11 Mar 2025 14:26  
Operator : RC/JU  
Sample : Q1514-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-103-SB01

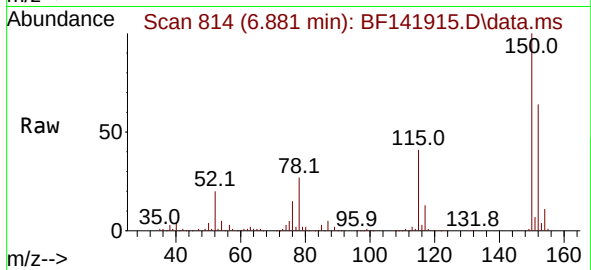
Quant Time: Mar 11 14:55:31 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration



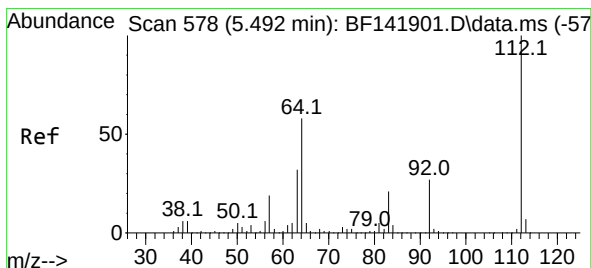
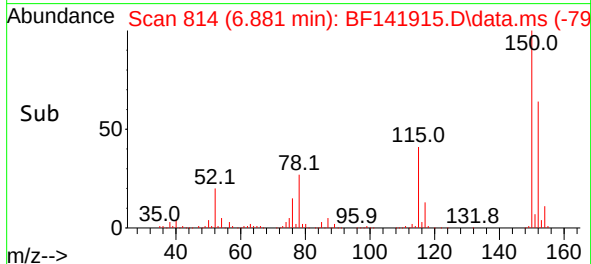
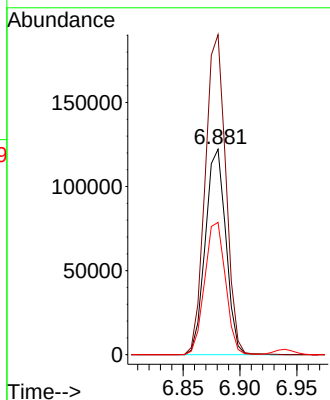


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

Instrument :  
BNA\_F  
ClientSampleId :  
ENV-103-SB01

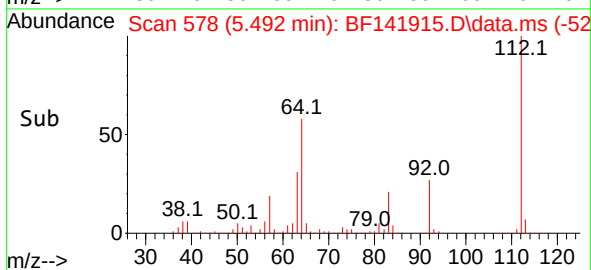
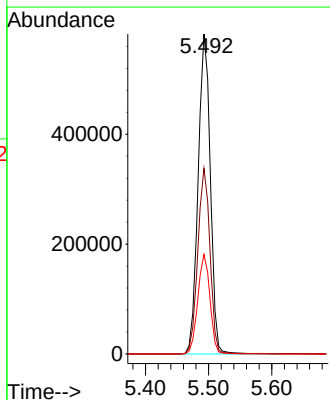
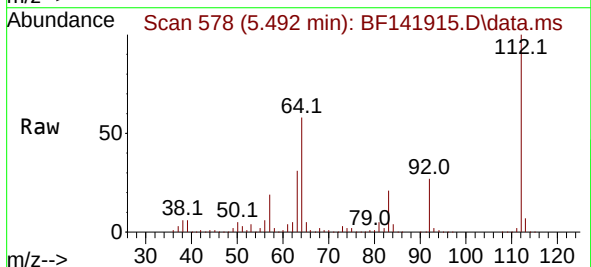


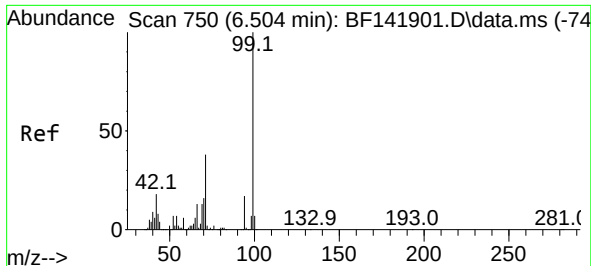
Tgt Ion:152 Resp: 153238  
Ion Ratio Lower Upper  
152 100  
150 155.7 127.4 191.2  
115 64.4 51.9 77.9



#5  
2-Fluorophenol  
Concen: 85.162 ng  
RT: 5.492 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

Tgt Ion:112 Resp: 781927  
Ion Ratio Lower Upper  
112 100  
64 58.0 46.5 69.7  
63 31.1 25.4 38.2

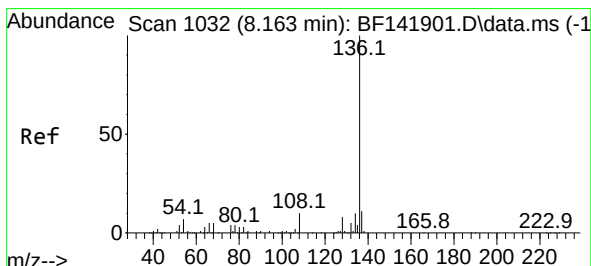
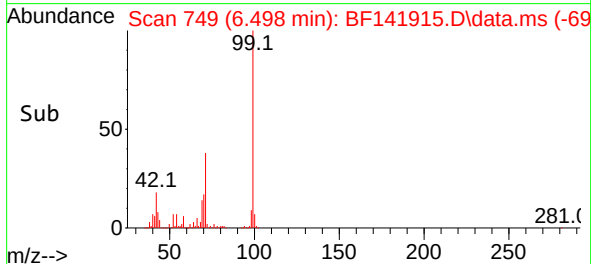
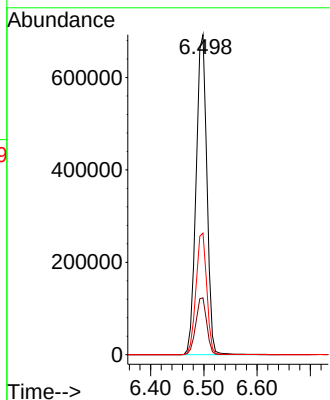
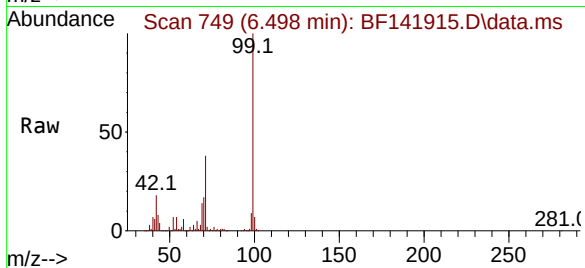




#7  
Phenol-d6  
Concen: 83.636 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

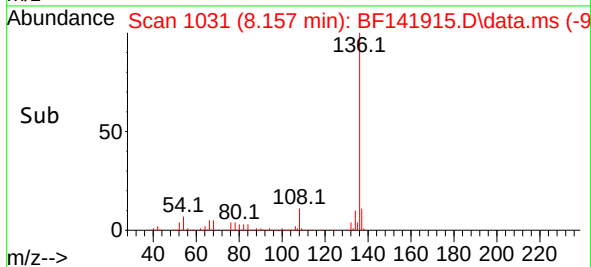
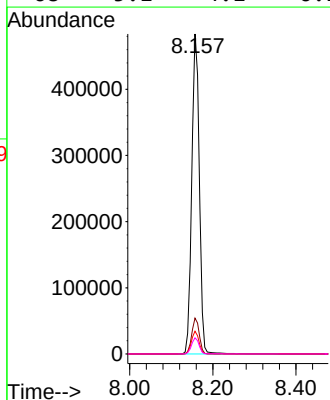
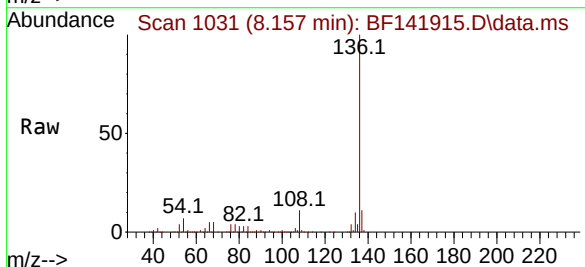
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BNA\_F  
ClientSampleId :  
ENV-103-SB01

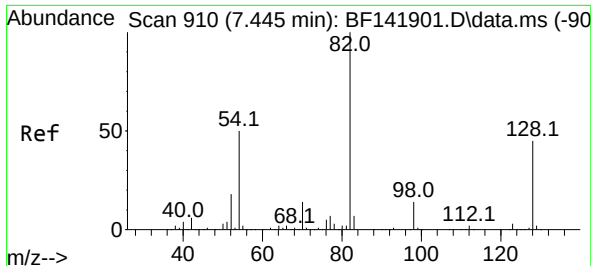
Tgt Ion: 99 Resp: 977722  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.6 21.8  
71 38.0 30.8 46.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

Tgt Ion: 136 Resp: 609925  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 7.1 5.8 8.8  
68 5.1 4.1 6.1

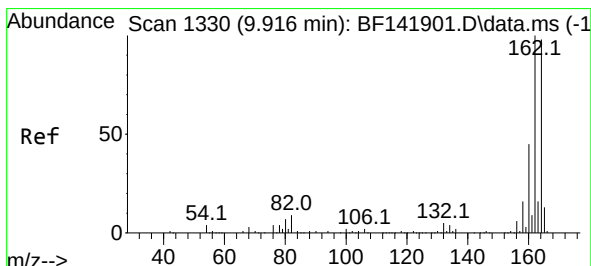
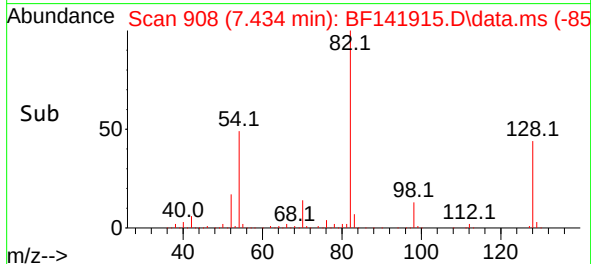
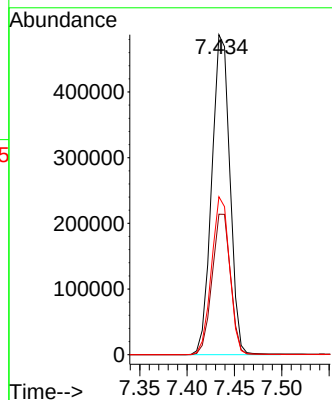
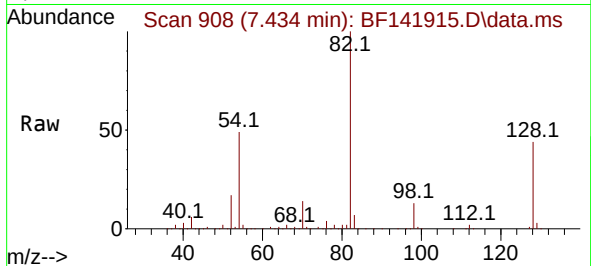




#23  
Nitrobenzene-d5  
Concen: 60.056 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.012 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

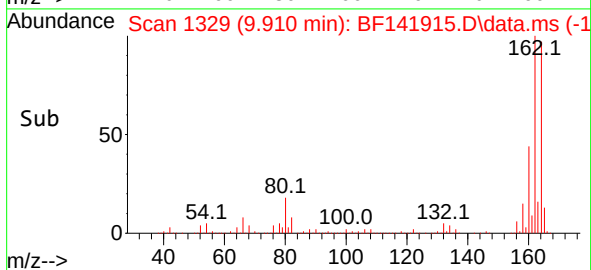
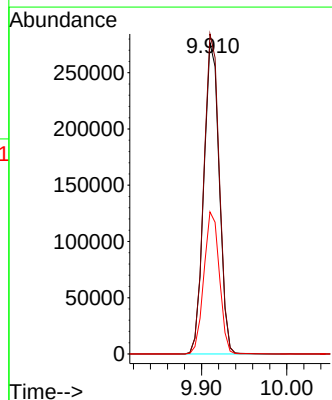
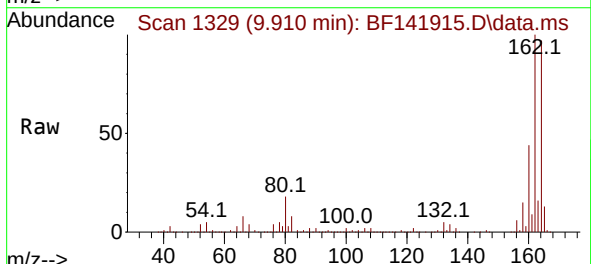
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-103-SB01

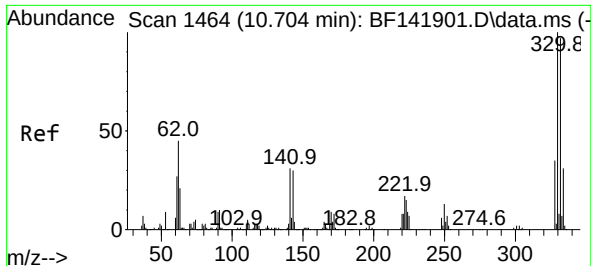
Tgt Ion: 82 Resp: 650895  
Ion Ratio Lower Upper  
82 100  
128 43.9 36.0 54.0  
54 49.3 39.6 59.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.910 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

Tgt Ion:164 Resp: 347323  
Ion Ratio Lower Upper  
164 100  
162 102.8 81.8 122.6  
160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 86.154 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141915.D

Acq: 11 Mar 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

ENV-103-SB01

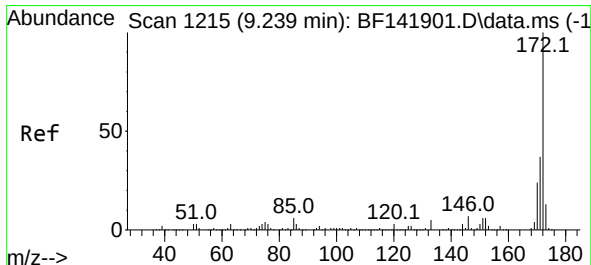
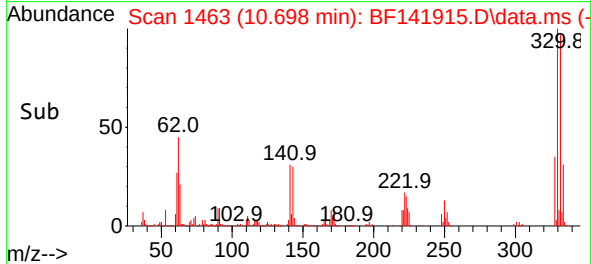
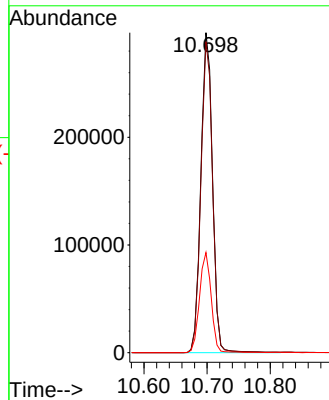
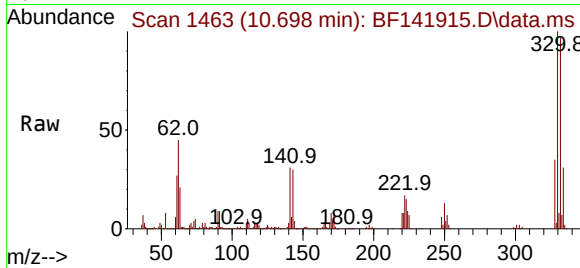
Tgt Ion:330 Resp: 379614

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 31.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 59.863 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141915.D

Acq: 11 Mar 2025 14:26

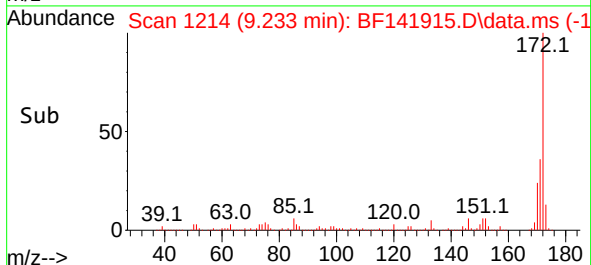
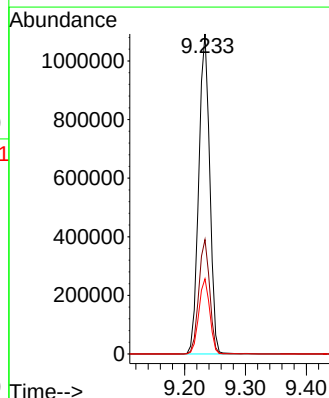
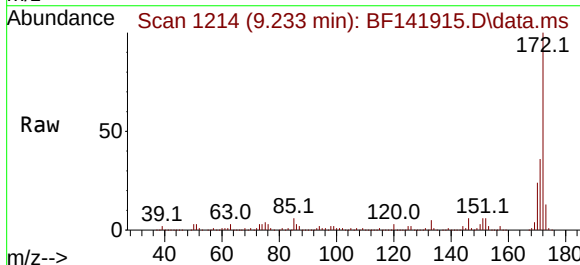
Tgt Ion:172 Resp: 1367158

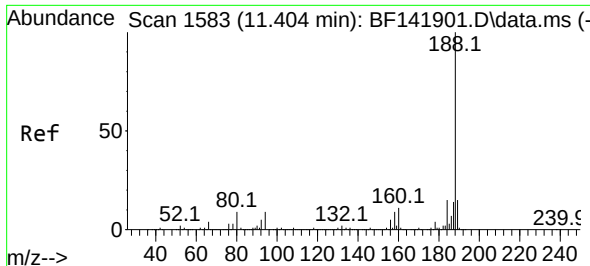
Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.5 19.4 29.0

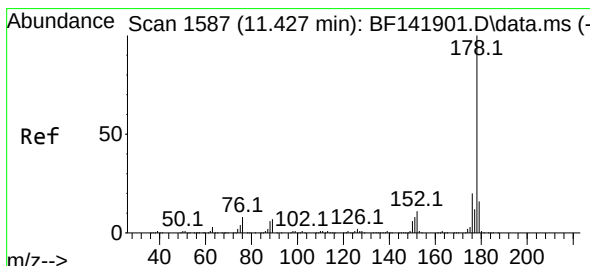
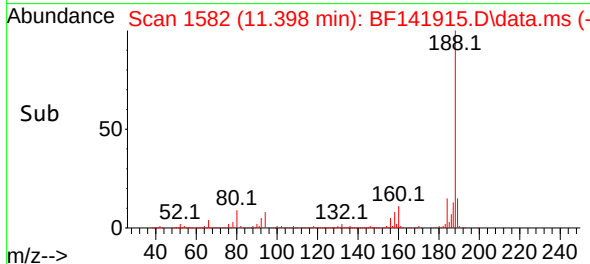
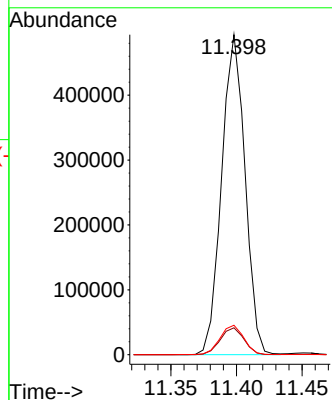
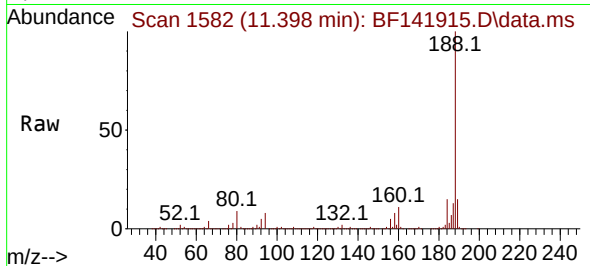




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

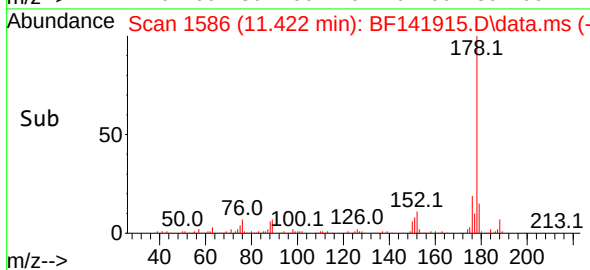
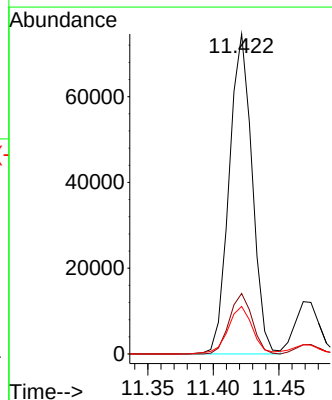
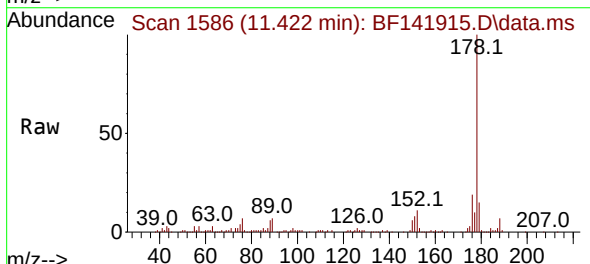
Instrument :  
BNA\_F  
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ENV-103-SB01

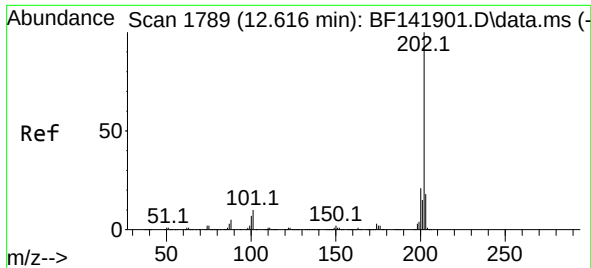
Tgt Ion:188 Resp: 611592  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.8 10.2  
80 9.2 7.6 11.4



#71  
Phenanthrene  
Concen: 2.753 ng  
RT: 11.422 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

Tgt Ion:178 Resp: 90943  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.8 23.8  
179 14.9 12.6 19.0

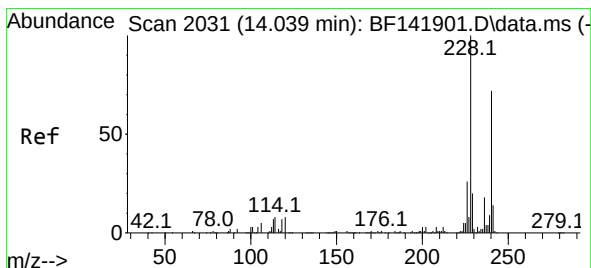
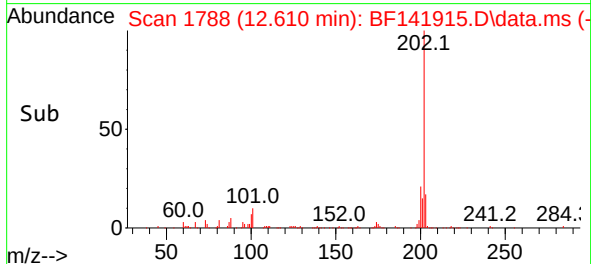
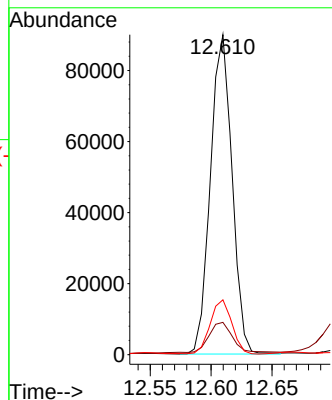
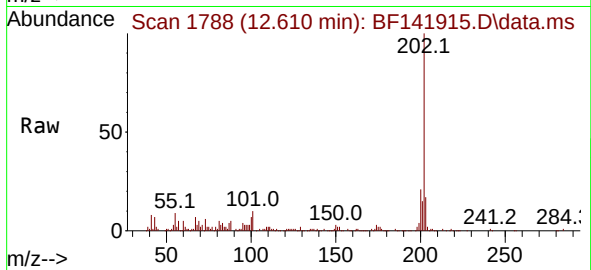




#75  
Fluoranthene  
Concen: 3.181 ng  
RT: 12.610 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

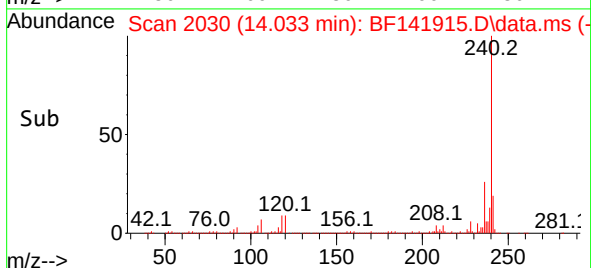
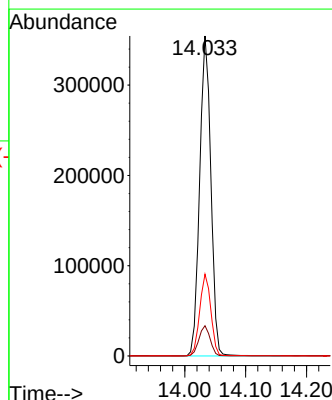
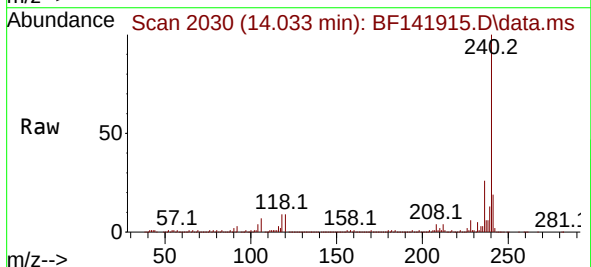
Instrument :  
BNA\_F  
ClientSampleId :  
ENV-103-SB01

Tgt Ion:202 Resp: 111477  
Ion Ratio Lower Upper  
202 100  
101 10.1 0.0 29.7  
203 17.2 0.0 37.8

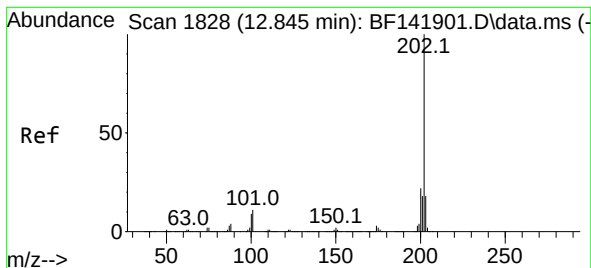


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF141915.D  
Acq: 11 Mar 2025 14:26

Tgt Ion:240 Resp: 452771  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.4 12.6  
236 25.6 20.5 30.7







#78

Pyrene

Concen: 2.940 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF141915.D

Acq: 11 Mar 2025 14:26

Instrument :

BNA\_F

ClientSampleId :

ENV-103-SB01

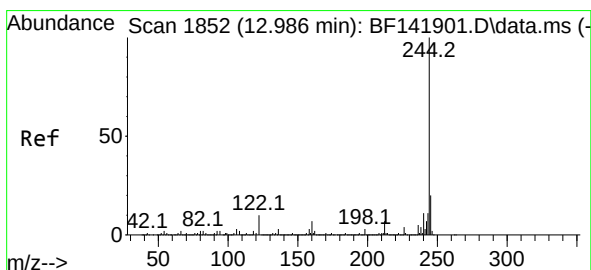
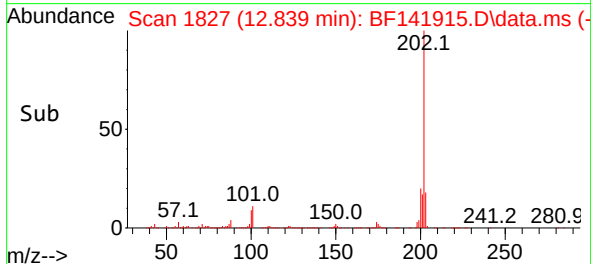
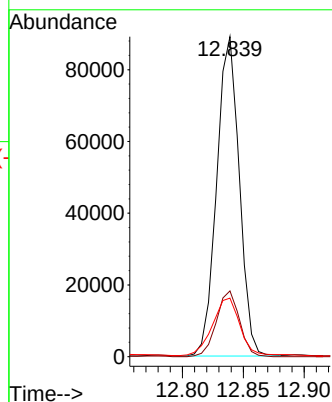
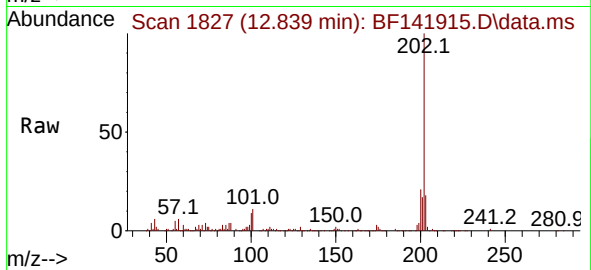
Tgt Ion:202 Resp: 115154

Ion Ratio Lower Upper

202 100

200 20.6 17.3 25.9

203 18.3 14.4 21.6



#79

Terphenyl-d14

Concen: 55.736 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141915.D

Acq: 11 Mar 2025 14:26

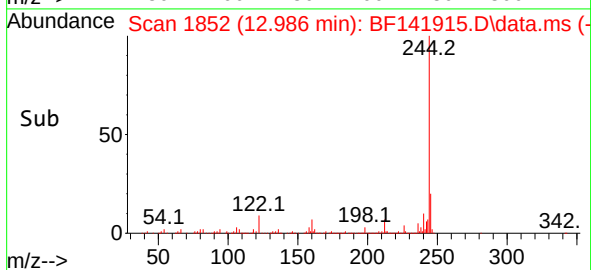
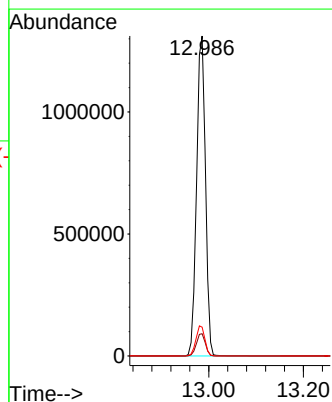
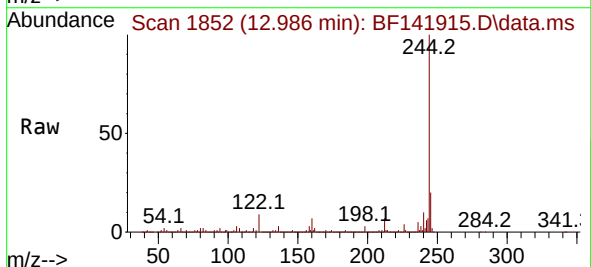
Tgt Ion:244 Resp: 1706898

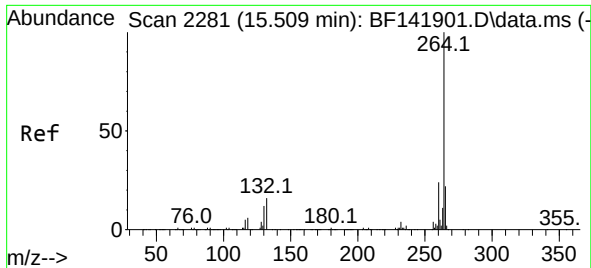
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

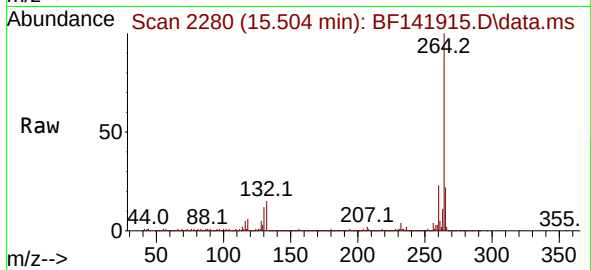
122 9.0 7.7 11.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF141915.D  
 Acq: 11 Mar 2025 14:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-103-SB01



Tgt Ion:264 Resp: 421172  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.1 28.7  
 265 21.9 17.5 26.3

