

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050225\  
 Data File : BF142283.D  
 Acq On : 02 May 2025 16:20  
 Operator : RC/JU  
 Sample : Q1916-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-12

Quant Time: May 02 16:55:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 30 16:00:01 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.904  | 152  | 211778   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.186  | 136  | 813579   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 428114   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.427 | 188  | 738540   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.068 | 240  | 471878   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 239049   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 1293600  | 97.553  | ng    | 0.00     |
| 7) Phenol-d6                | 6.522  | 99   | 1447404  | 90.390  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 1031055  | 83.259  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 522692   | 133.926 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 2041510  | 67.236  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.015 | 244  | 2419680  | 74.579  | ng    | 0.00     |

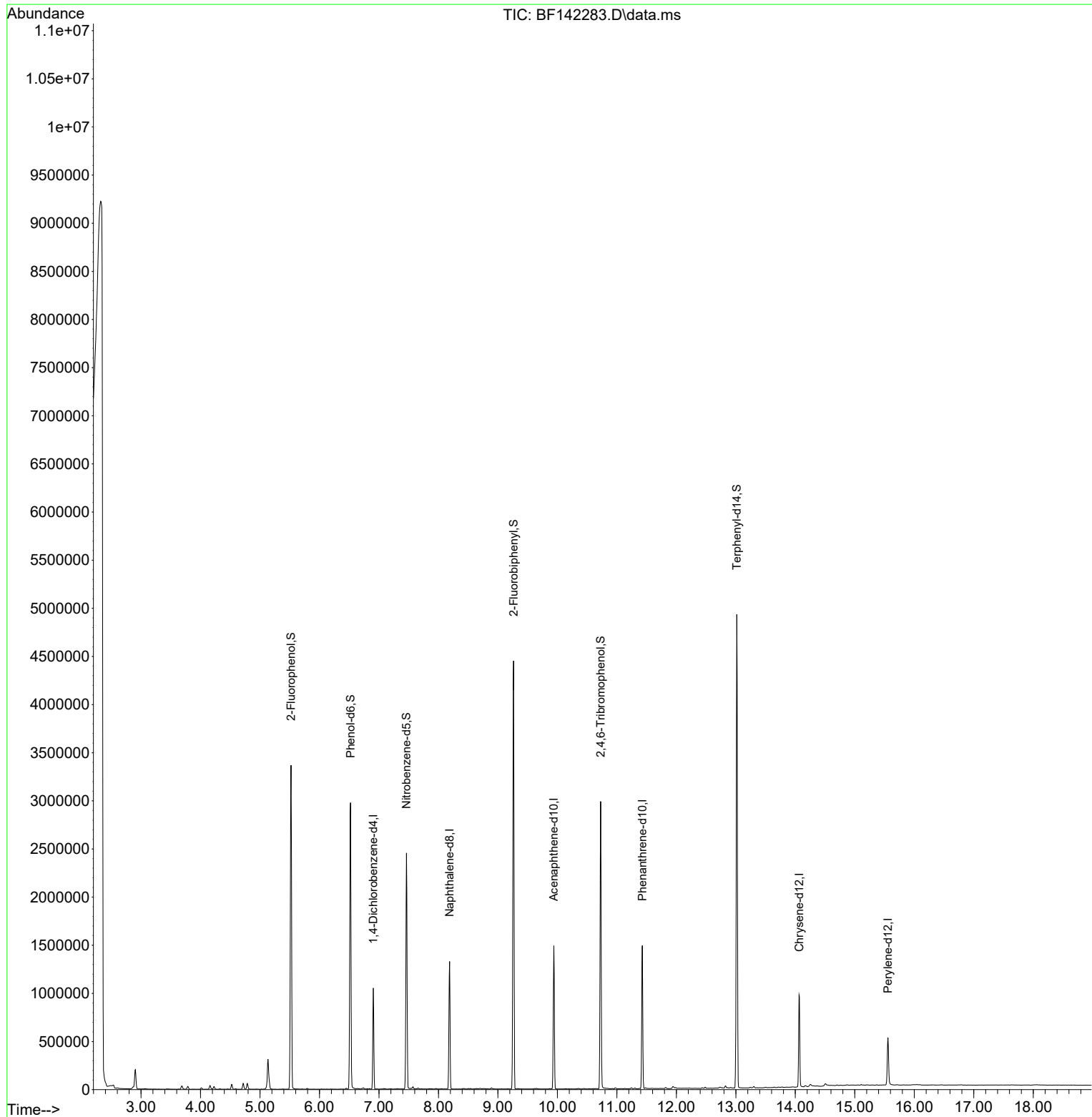
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

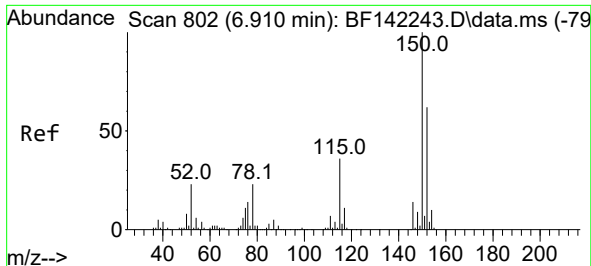
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
WC-12

Quant Time: May 02 16:55:31 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 30 16:00:01 2025  
Response via : Initial Calibration

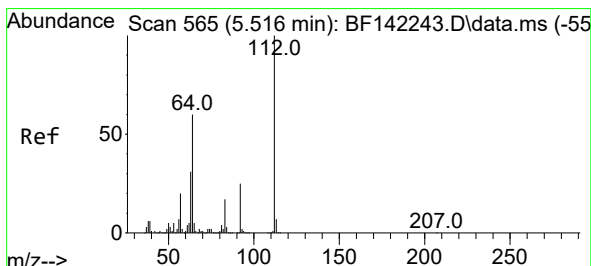
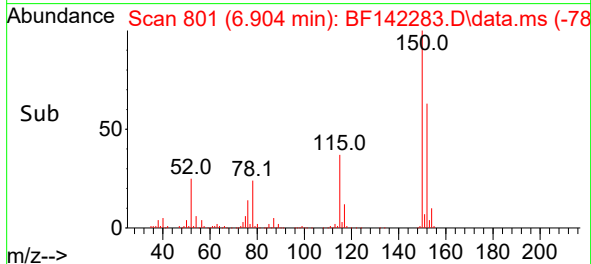
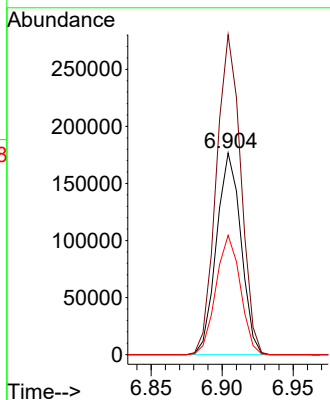
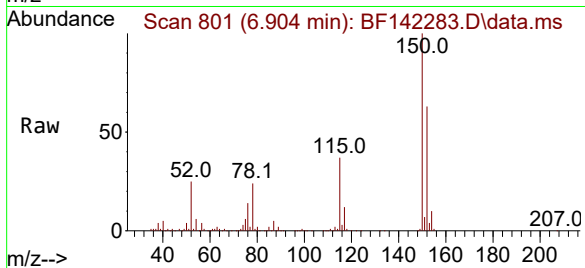




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF142283.D  
Acq: 02 May 2025 16:20

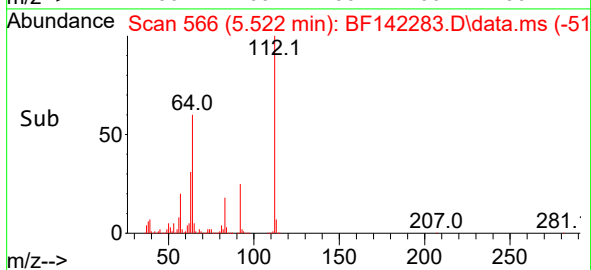
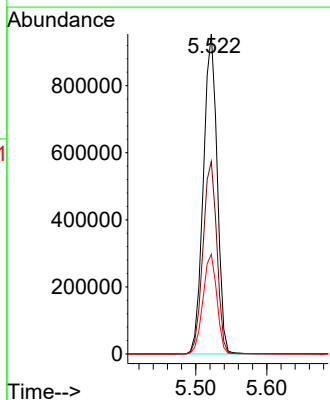
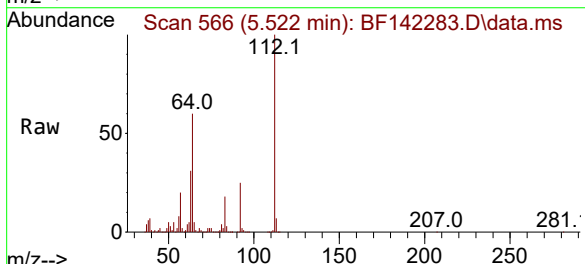
Instrument :  
BNA\_F  
ClientSampleId :  
WC-12

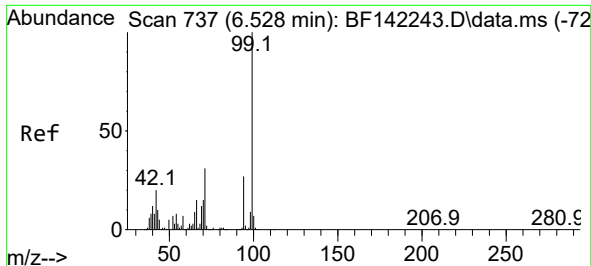
Tgt Ion:152 Resp: 211778  
Ion Ratio Lower Upper  
152 100  
150 158.6 130.2 195.2  
115 59.1 47.0 70.4



#5  
2-Fluorophenol  
Concen: 97.553 ng  
RT: 5.522 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: BF142283.D  
Acq: 02 May 2025 16:20

Tgt Ion:112 Resp: 1293600  
Ion Ratio Lower Upper  
112 100  
64 60.1 48.4 72.6  
63 31.1 24.8 37.2

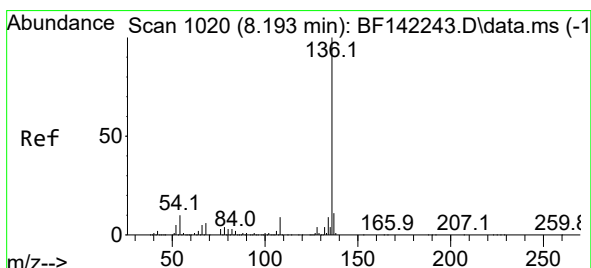
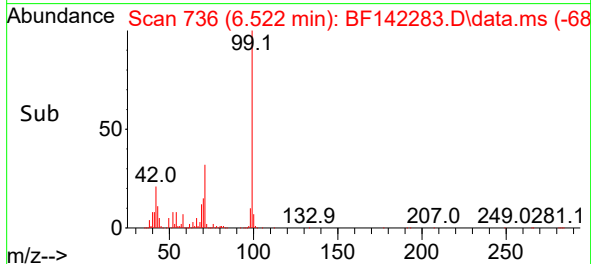
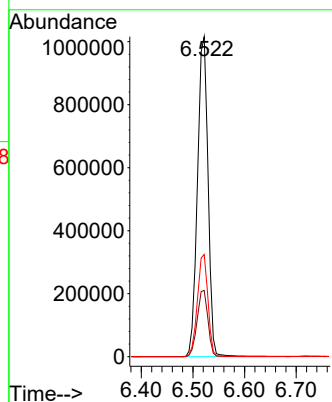
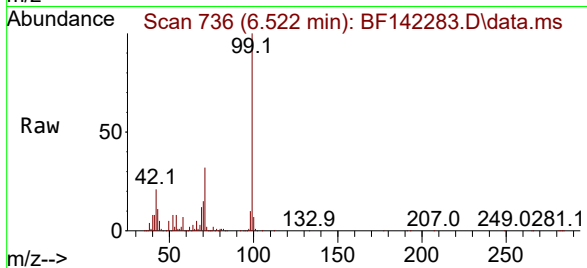




#7  
Phenol-d6  
Concen: 90.390 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF142283.D  
Acq: 02 May 2025 16:20

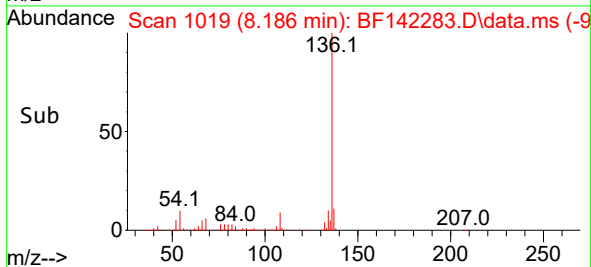
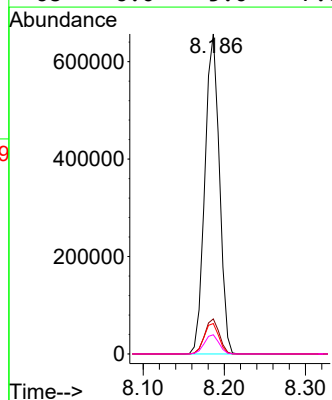
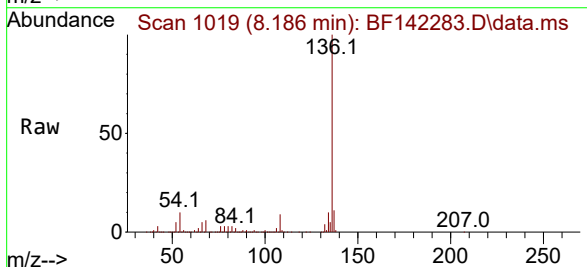
Instrument :  
BNA\_F  
ClientSampleId :  
WC-12

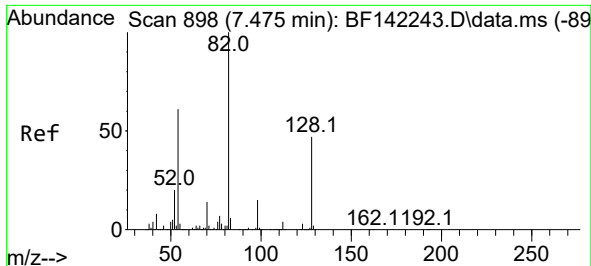
Tgt Ion: 99 Resp: 1447404  
Ion Ratio Lower Upper  
99 100  
42 20.7 16.3 24.5  
71 32.0 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.007 min  
Lab File: BF142283.D  
Acq: 02 May 2025 16:20

Tgt Ion: 136 Resp: 813579  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 9.5 7.7 11.5  
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 83.259 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-12

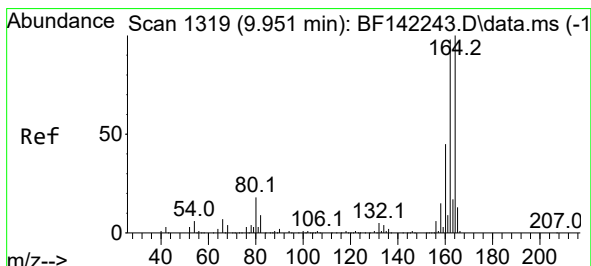
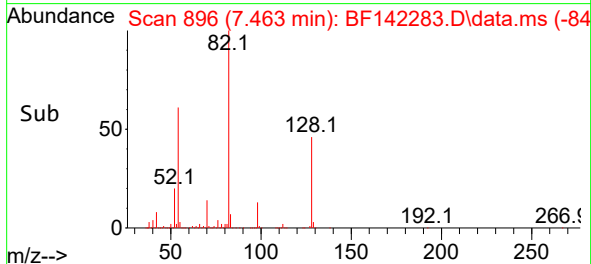
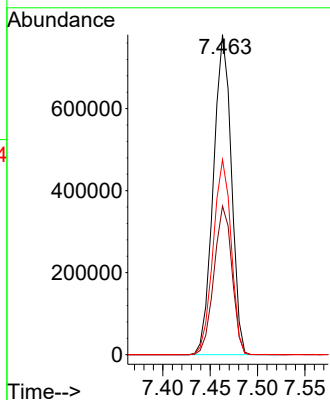
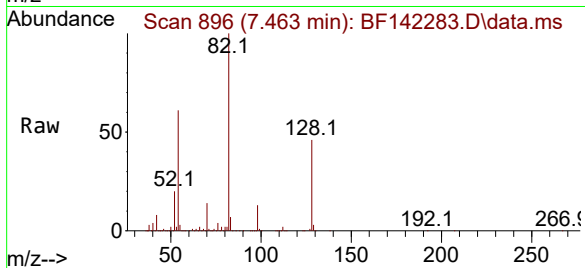
Tgt Ion: 82 Resp: 1031055

Ion Ratio Lower Upper

82 100

128 46.4 37.0 55.6

54 60.9 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

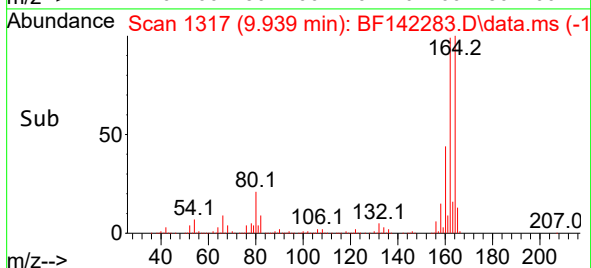
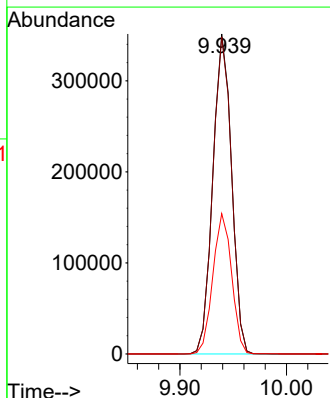
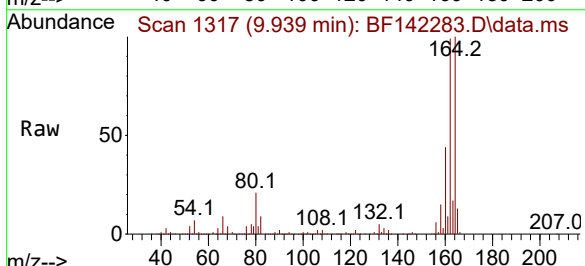
Tgt Ion:164 Resp: 428114

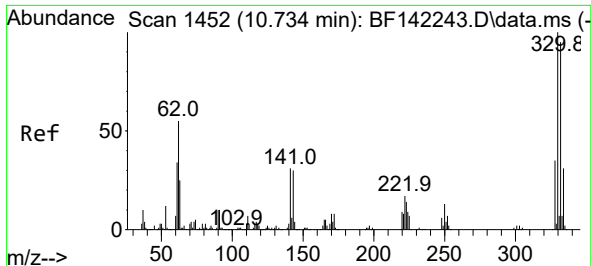
Ion Ratio Lower Upper

164 100

162 99.1 78.6 117.8

160 43.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 133.926 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-12

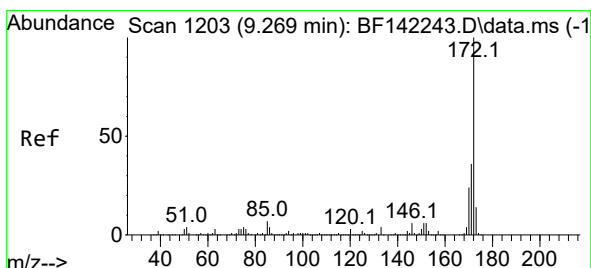
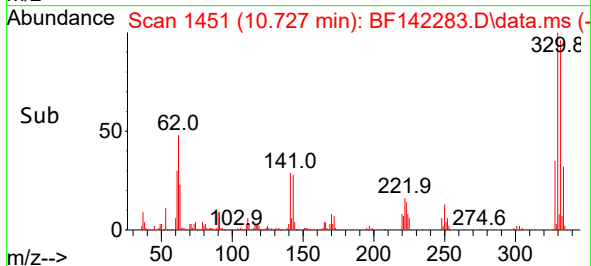
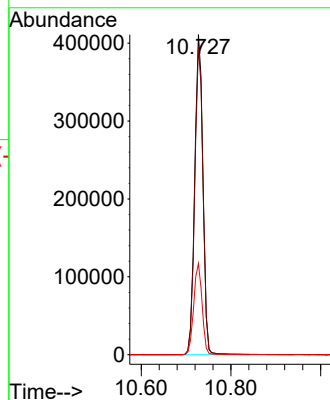
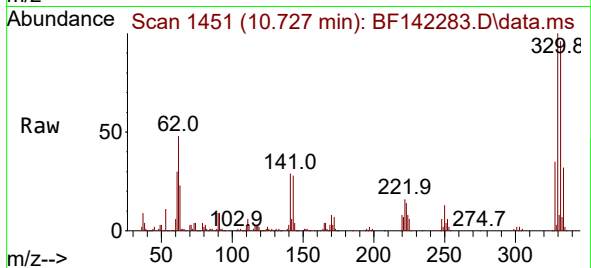
Tgt Ion:330 Resp: 522692

Ion Ratio Lower Upper

330 100

332 96.0 76.5 114.7

141 29.0 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 67.236 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

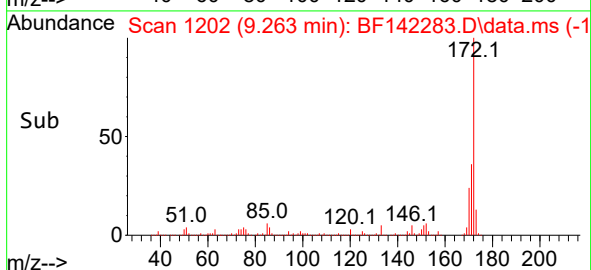
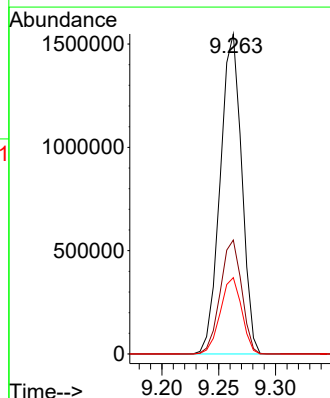
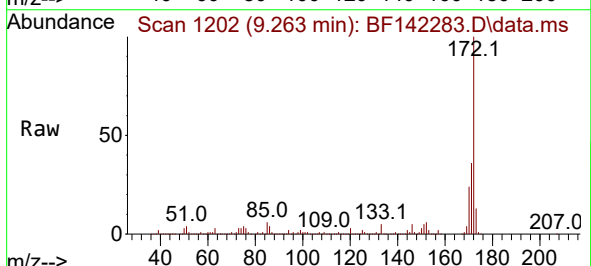
Tgt Ion:172 Resp: 2041510

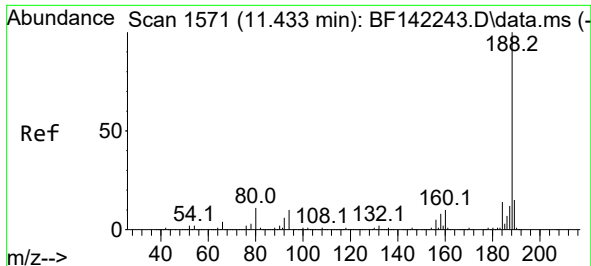
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

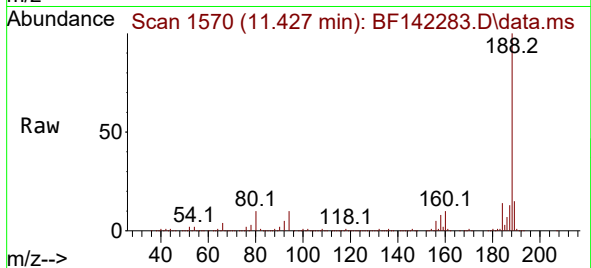
170 23.9 19.4 29.0



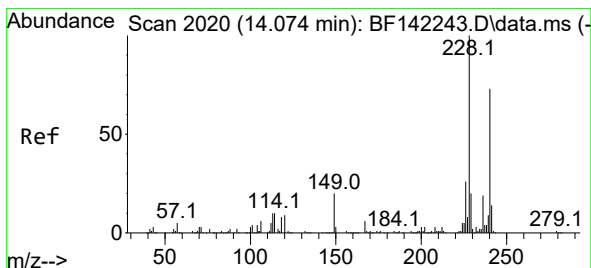
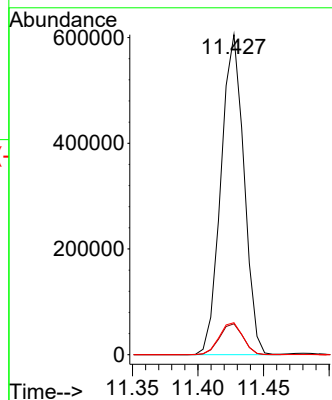
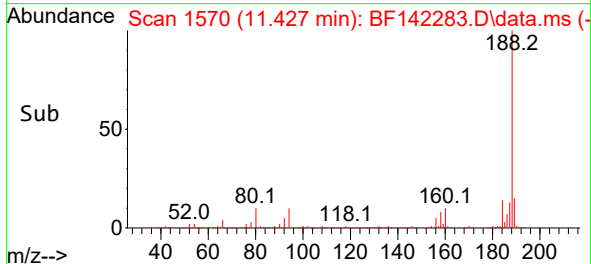


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142283.D  
Acq: 02 May 2025 16:20

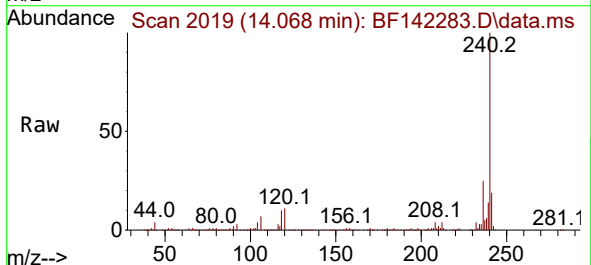
Instrument :  
BNA\_F  
ClientSampleId :  
WC-12



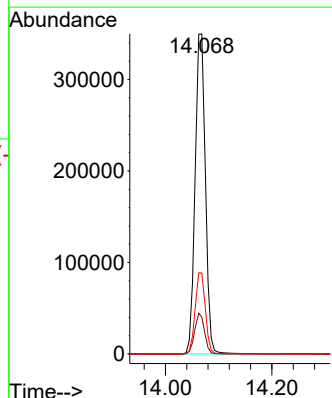
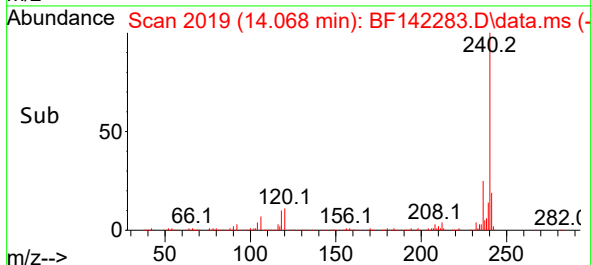
Tgt Ion:188 Resp: 738540  
Ion Ratio Lower Upper  
188 100  
94 9.7 8.2 12.2  
80 10.0 8.6 12.8

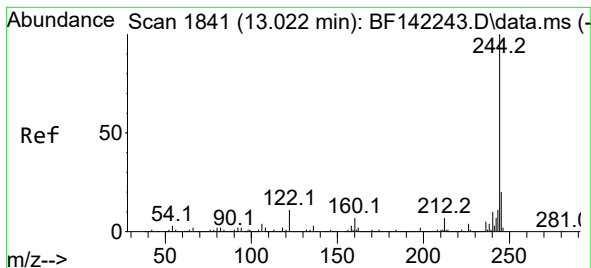


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF142283.D  
Acq: 02 May 2025 16:20



Tgt Ion:240 Resp: 471878  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.1 15.1  
236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 74.579 ng

RT: 13.015 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-12

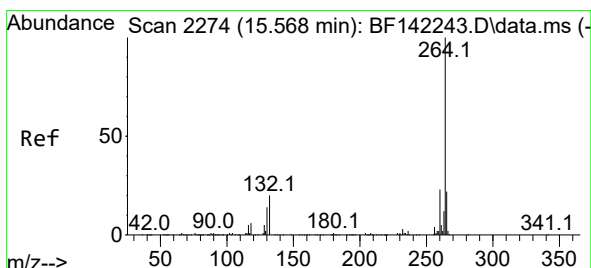
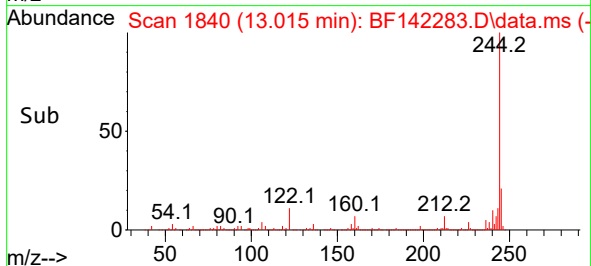
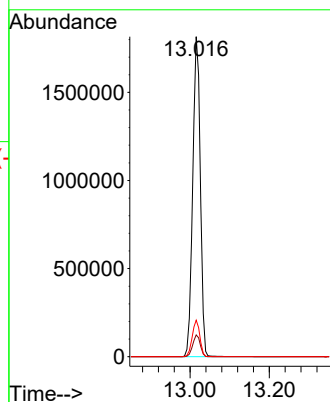
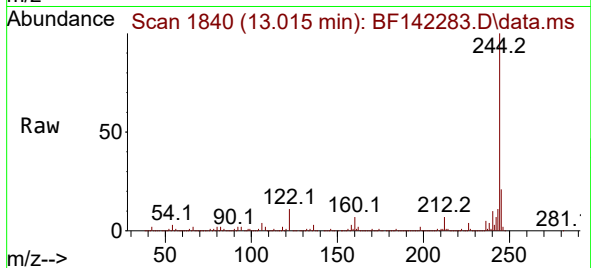
Tgt Ion:244 Resp: 2419680

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 11.4 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF142283.D

Acq: 02 May 2025 16:20

Tgt Ion:264 Resp: 239049

Ion Ratio Lower Upper

264 100

260 24.8 18.4 27.6

265 19.9 17.3 25.9

