

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020325\  
 Data File : BF141368.D  
 Acq On : 03 Feb 2025 14:34  
 Operator : RC/JU  
 Sample : Q1239-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 286

Quant Time: Feb 03 15:20:38 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 29 17:41:25 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 92071    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 378920   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.828  | 164  | 211723   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.316 | 188  | 378442   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.957 | 240  | 319636   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.416 | 264  | 258933   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 811584   | 135.324 | ng    | 0.02     |
| 7) Phenol-d6                | 6.440  | 99   | 967275   | 126.783 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 749643   | 104.293 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 329170   | 169.587 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.151  | 172  | 1371061  | 99.674  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.910 | 244  | 1725156  | 83.236  | ng    | 0.00     |

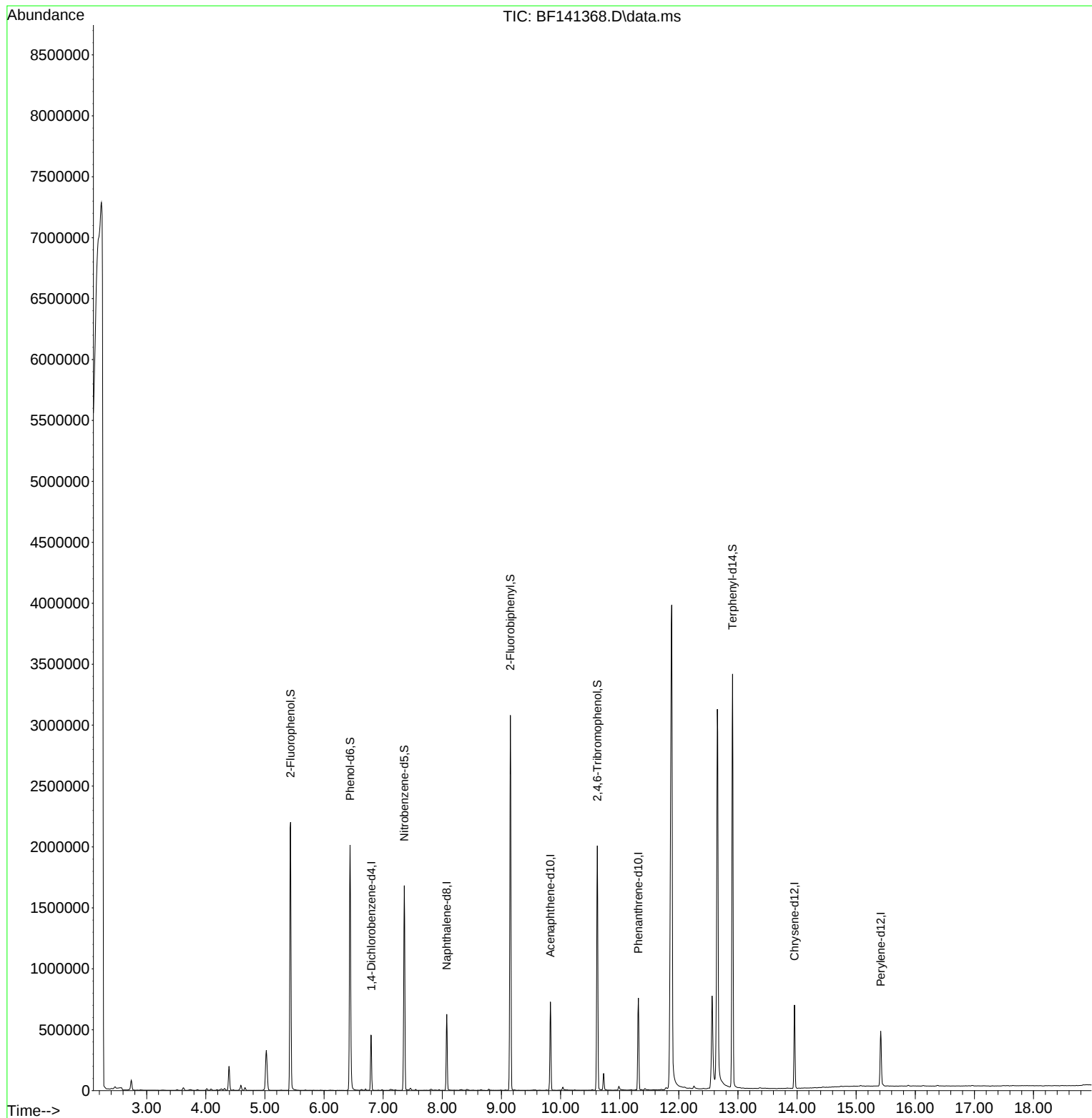
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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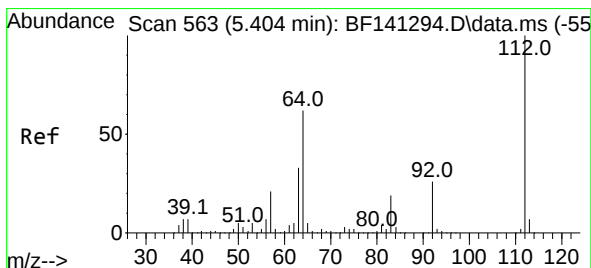
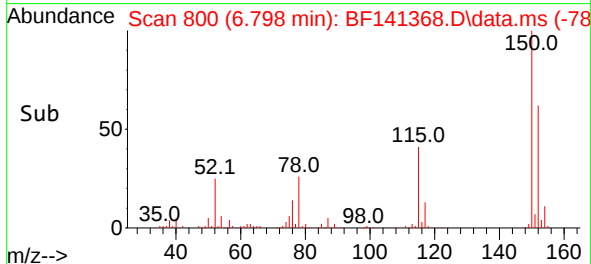
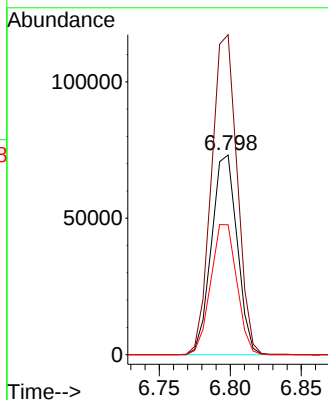
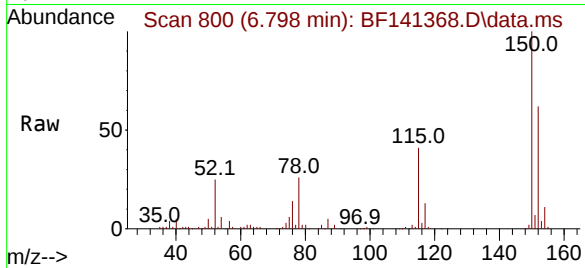




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.798 min Scan# 800  
 Delta R.T. -0.006 min  
 Lab File: BF141368.D  
 Acq: 03 Feb 2025 14:34

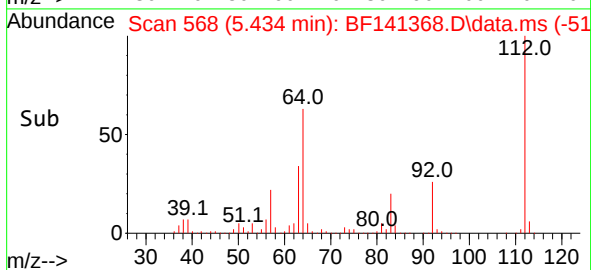
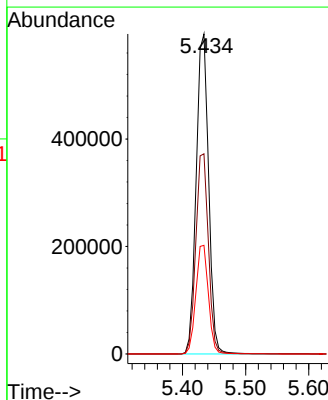
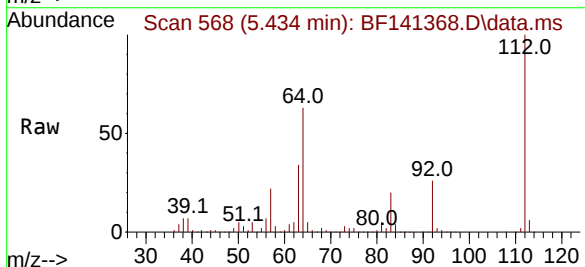
Instrument :  
 BNA\_F  
 ClientSampleId :  
 286

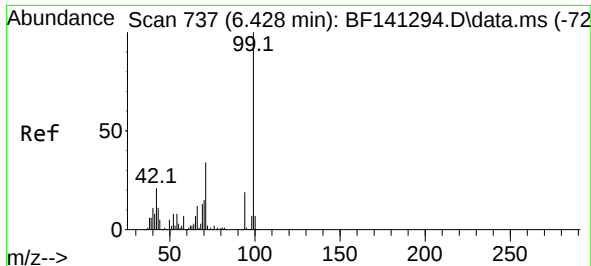
Tgt Ion:152 Resp: 92071  
 Ion Ratio Lower Upper  
 152 100  
 150 160.2 125.9 188.9  
 115 65.0 49.7 74.5



#5  
 2-Fluorophenol  
 Concen: 135.324 ng  
 RT: 5.434 min Scan# 568  
 Delta R.T. 0.024 min  
 Lab File: BF141368.D  
 Acq: 03 Feb 2025 14:34

Tgt Ion:112 Resp: 811584  
 Ion Ratio Lower Upper  
 112 100  
 64 62.5 49.8 74.8  
 63 33.9 26.1 39.1

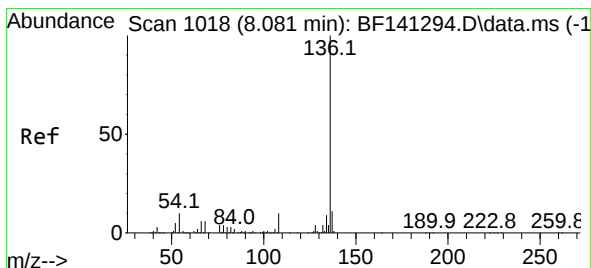
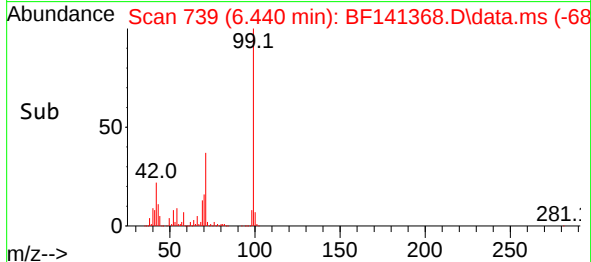
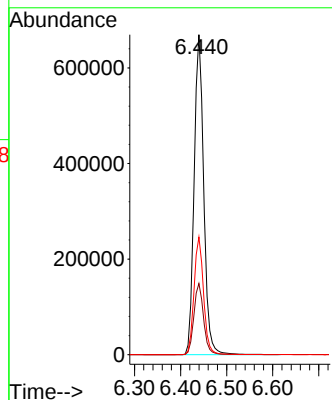
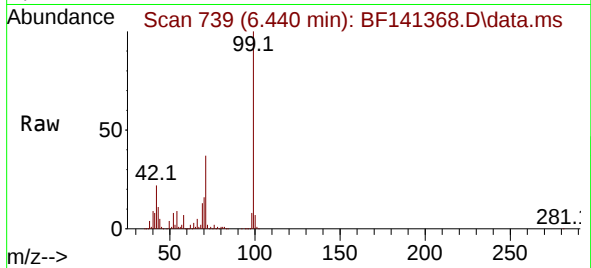




#7  
Phenol-d6  
Concen: 126.783 ng  
RT: 6.440 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF141368.D  
Acq: 03 Feb 2025 14:34

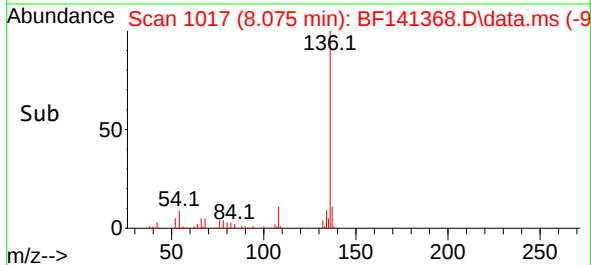
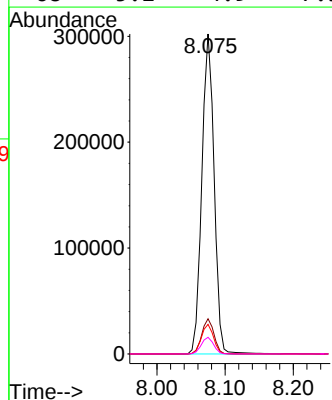
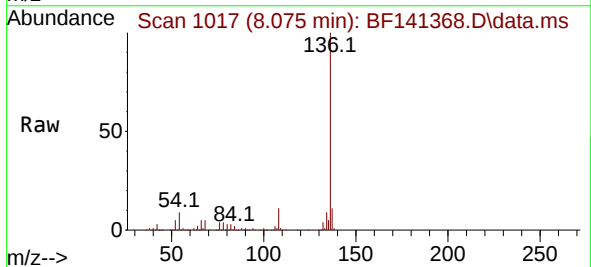
Instrument :  
BNA\_F  
ClientSampleId :  
286

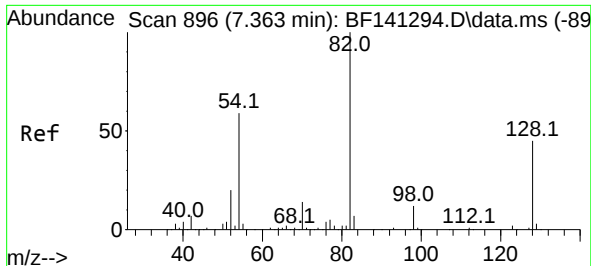
Tgt Ion: 99 Resp: 967275  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.1 25.7  
71 36.7 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1017  
Delta R.T. -0.012 min  
Lab File: BF141368.D  
Acq: 03 Feb 2025 14:34

Tgt Ion: 136 Resp: 378920  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 9.2 7.8 11.8  
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 104.293 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

Instrument :

BNA\_F

ClientSampleId :

286

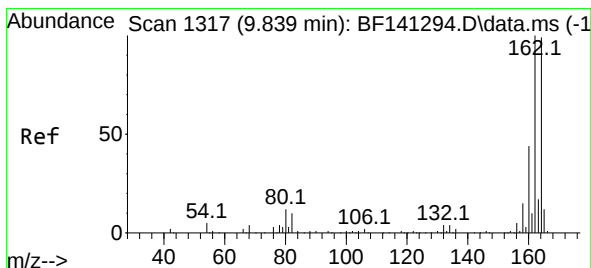
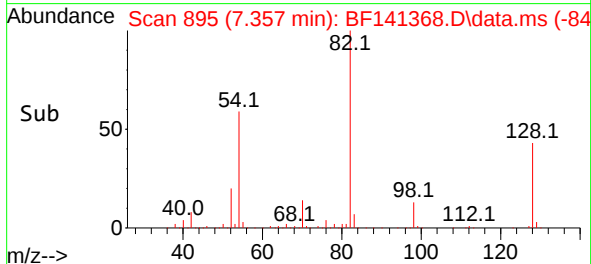
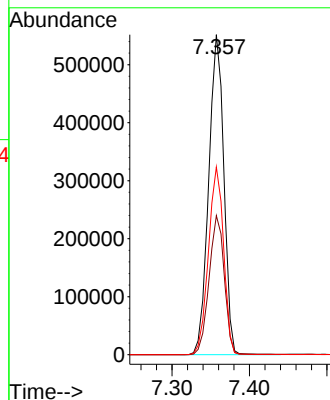
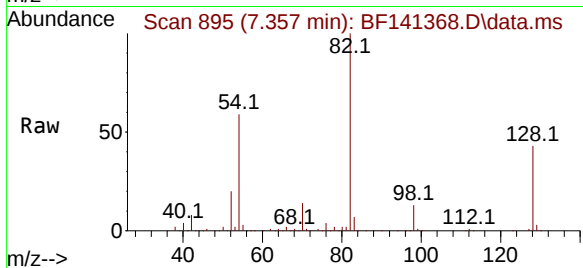
Tgt Ion: 82 Resp: 749643

Ion Ratio Lower Upper

82 100

128 43.5 35.7 53.5

54 58.7 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

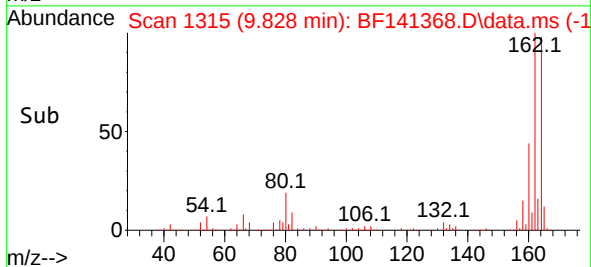
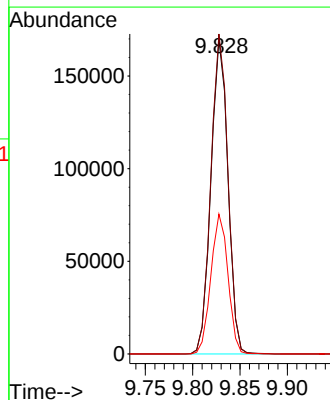
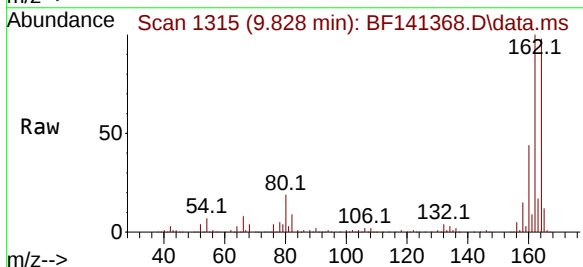
Tgt Ion:164 Resp: 211723

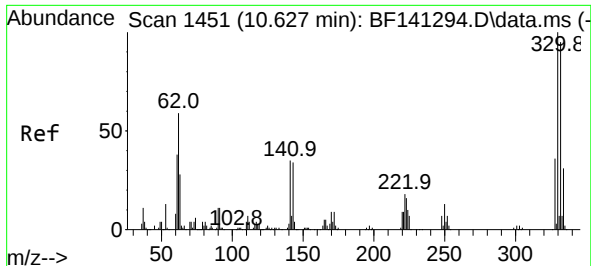
Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

160 44.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 169.587 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

Instrument :

BNA\_F

ClientSampleId :

286

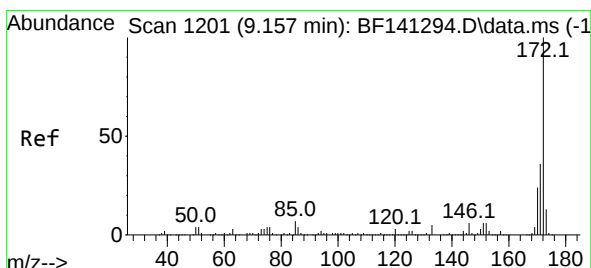
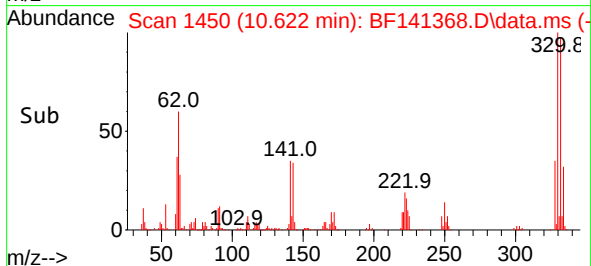
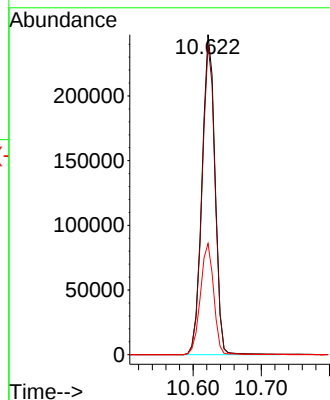
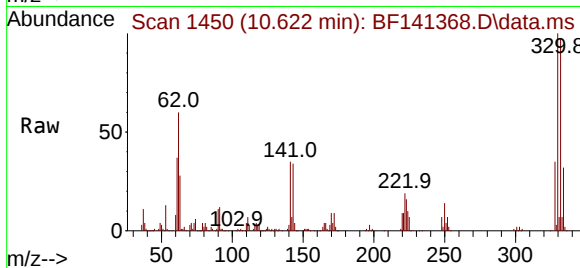
Tgt Ion:330 Resp: 329170

Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

141 35.3 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 99.674 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

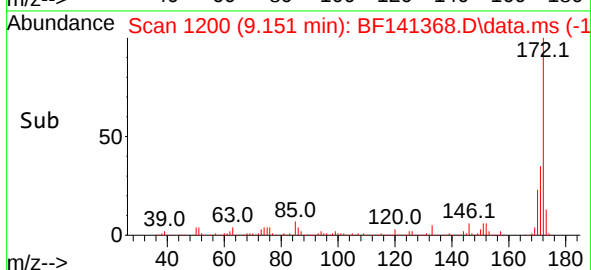
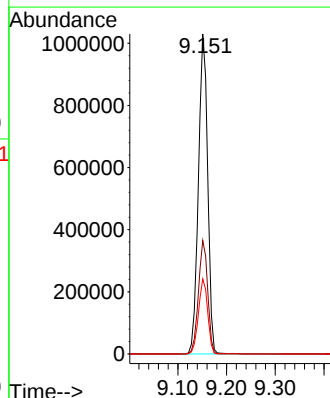
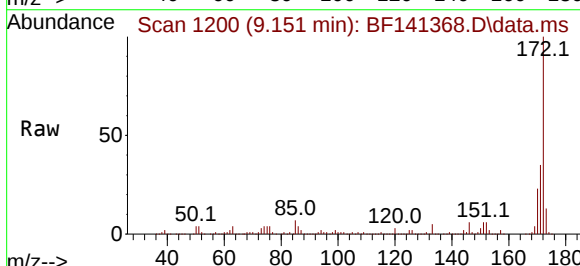
Tgt Ion:172 Resp: 1371061

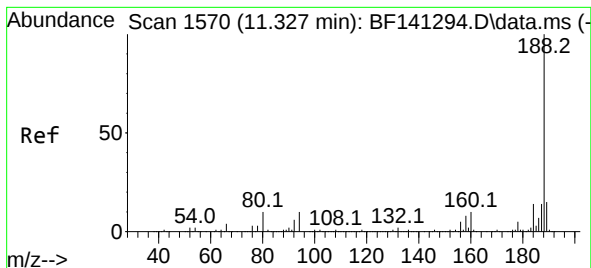
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

Instrument :

BNA\_F

ClientSampleId :

286

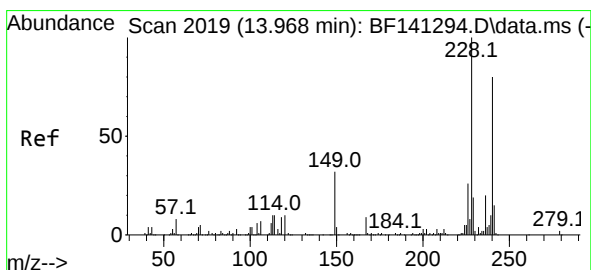
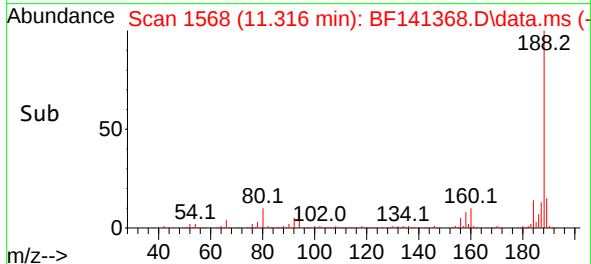
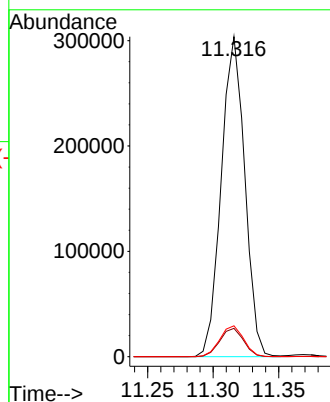
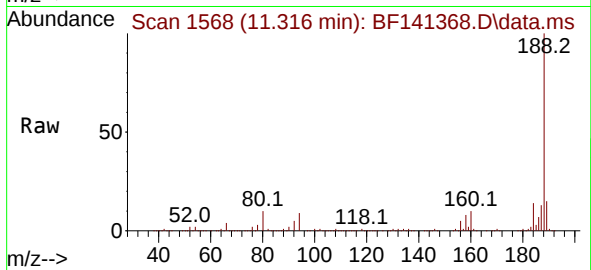
Tgt Ion:188 Resp: 378442

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 9.7 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141368.D

Acq: 03 Feb 2025 14:34

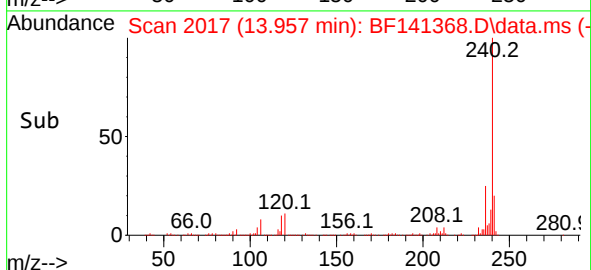
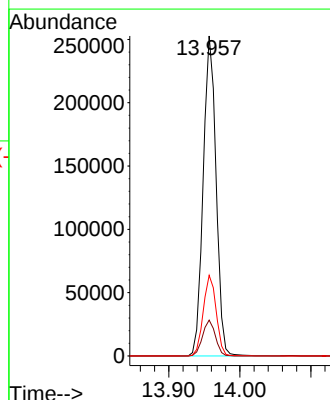
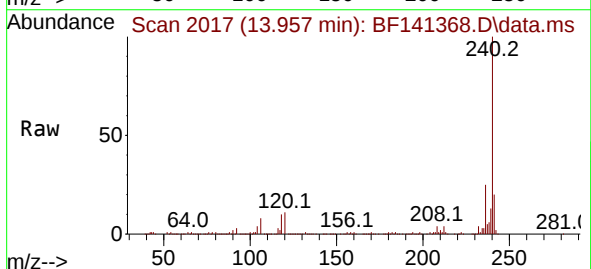
Tgt Ion:240 Resp: 319636

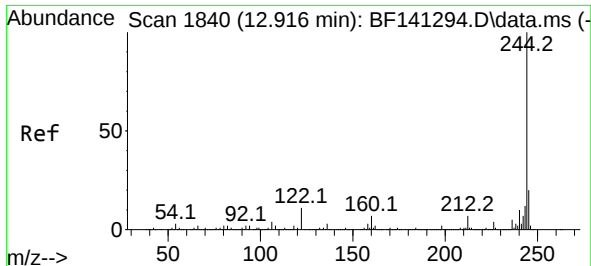
Ion Ratio Lower Upper

240 100

120 11.2 10.0 15.0

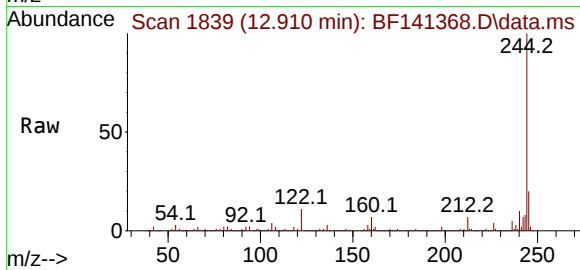
236 25.2 19.7 29.5



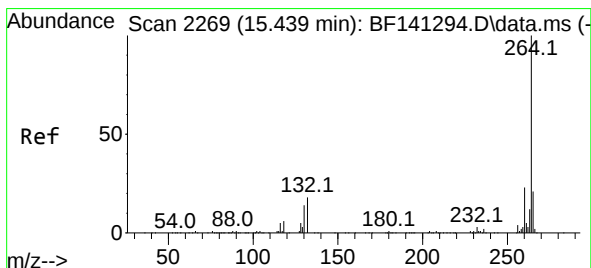
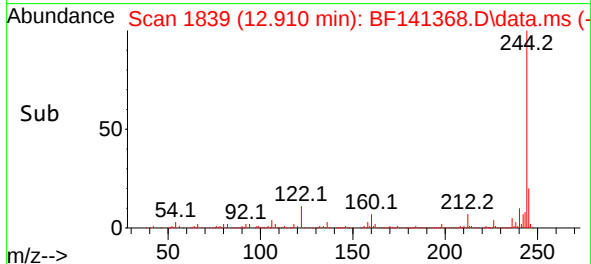
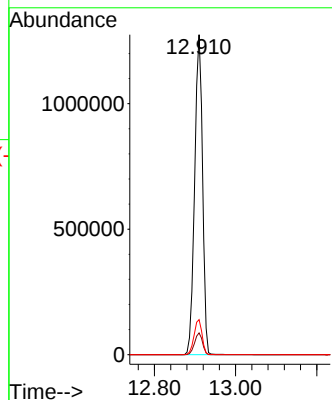


#79  
Terphenyl-d14  
Concen: 83.236 ng  
RT: 12.910 min Scan# 1839  
Delta R.T. -0.006 min  
Lab File: BF141368.D  
Acq: 03 Feb 2025 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
286



Tgt Ion:244 Resp: 1725156  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.4 8.0  
122 11.0 8.8 13.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.416 min Scan# 2265  
Delta R.T. -0.024 min  
Lab File: BF141368.D  
Acq: 03 Feb 2025 14:34

Tgt Ion:264 Resp: 258933  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.6 27.8  
265 21.0 16.7 25.1

