

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022025\  
 Data File : BF141704.D  
 Acq On : 20 Feb 2025 15:36  
 Operator : RC/JU  
 Sample : Q1383-19  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-PCS-TC-20-021725

Quant Time: Feb 20 16:16:10 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 89180    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.063  | 136  | 355178   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.816  | 164  | 185538   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 316202   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 13.939 | 240  | 190956   | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 15.380 | 264  | 170452   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 432305   | 75.997 | ng    | -0.01    |
| 7) Phenol-d6                | 6.416  | 99   | 528501   | 73.508 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.339  | 82   | 340153   | 49.952 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.604 | 330  | 130077   | 69.791 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.133  | 172  | 659012   | 54.722 | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.880 | 244  | 690596   | 61.053 | ng    | -0.02    |

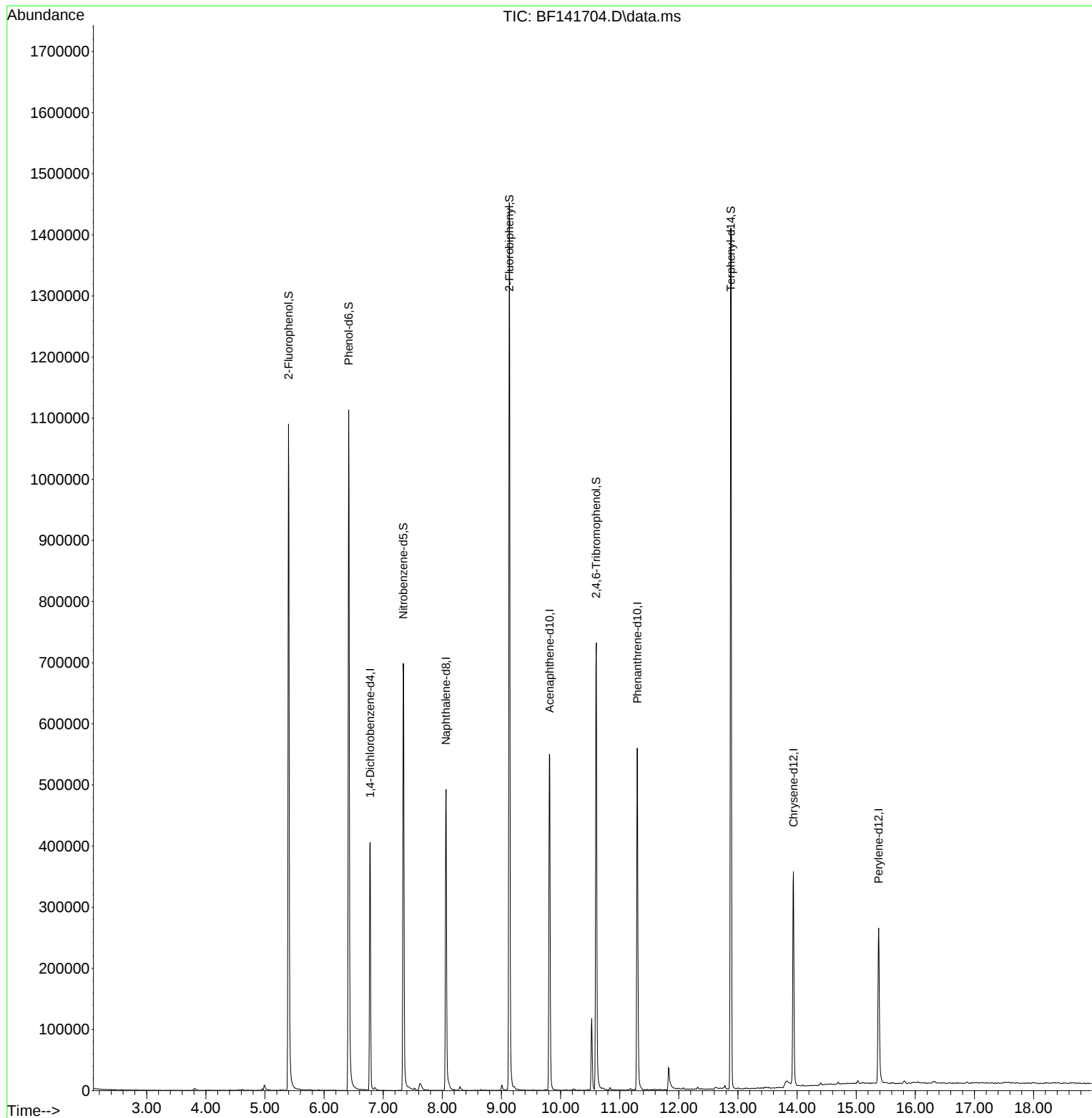
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

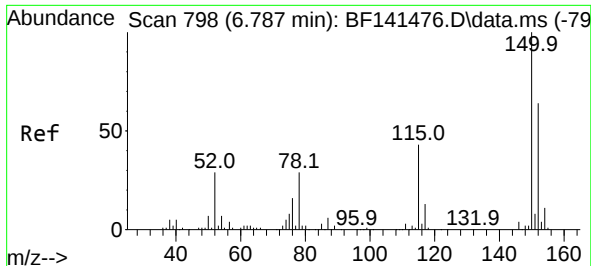
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022025\  
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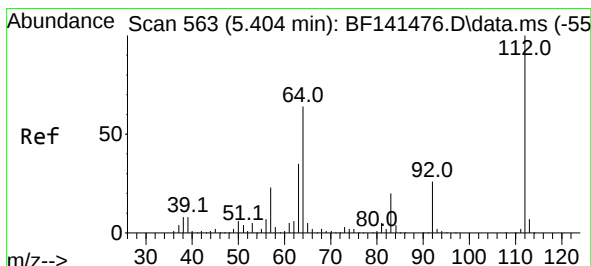
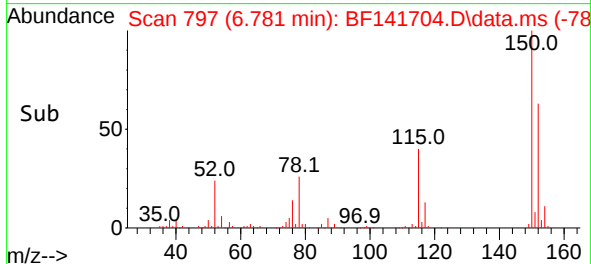
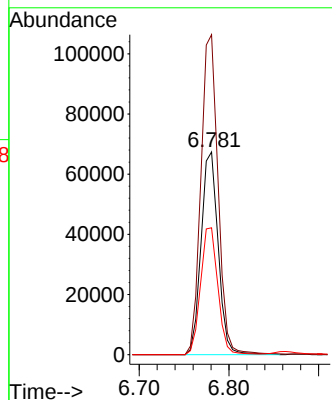
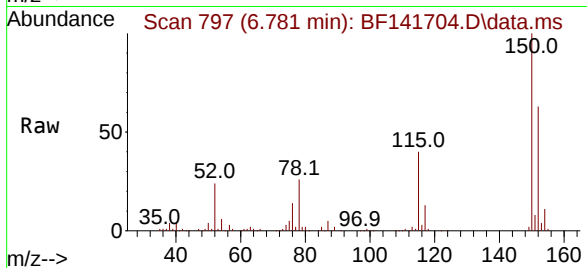




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 798  
 Delta R.T. -0.011 min  
 Lab File: BF141704.D  
 Acq: 20 Feb 2025 15:36

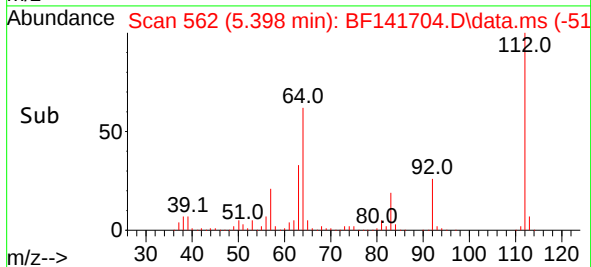
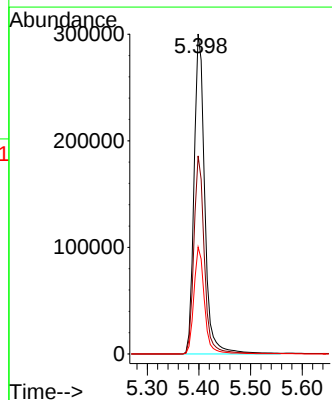
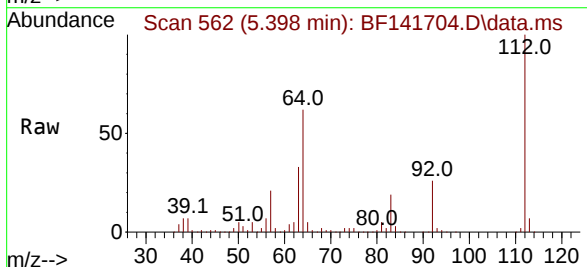
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OU4-PCS-TC-20-021725

Tgt Ion:152 Resp: 89180  
 Ion Ratio Lower Upper  
 152 100  
 150 157.8 125.0 187.4  
 115 62.6 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 75.997 ng  
 RT: 5.398 min Scan# 562  
 Delta R.T. -0.012 min  
 Lab File: BF141704.D  
 Acq: 20 Feb 2025 15:36

Tgt Ion:112 Resp: 432305  
 Ion Ratio Lower Upper  
 112 100  
 64 61.9 51.1 76.7  
 63 33.4 28.4 42.6

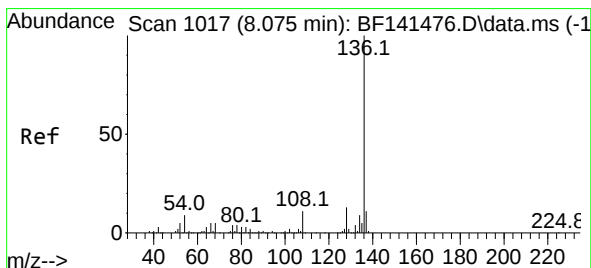
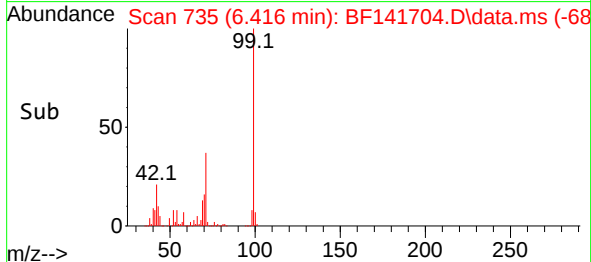
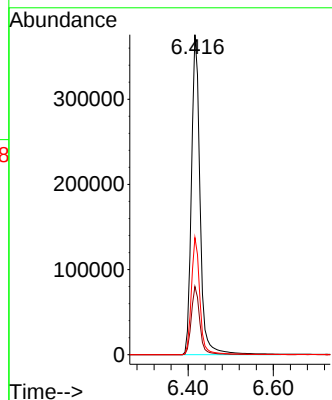
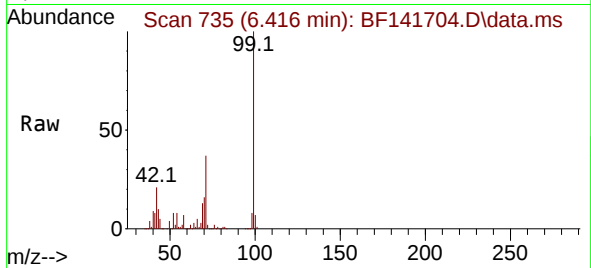




#7  
Phenol-d6  
Concen: 73.508 ng  
RT: 6.416 min Scan# 71  
Delta R.T. -0.023 min  
Lab File: BF141704.D  
Acq: 20 Feb 2025 15:36

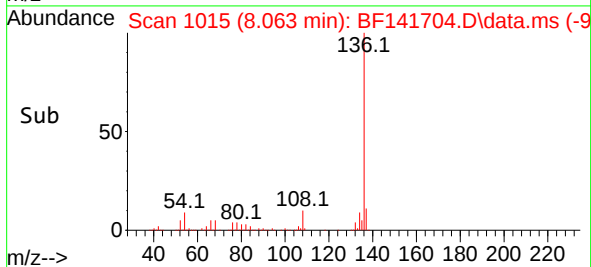
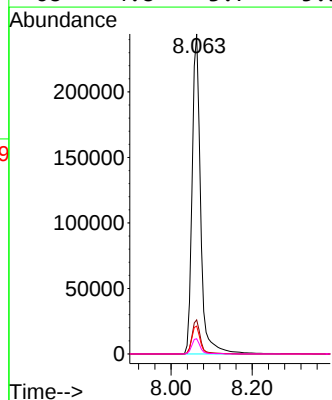
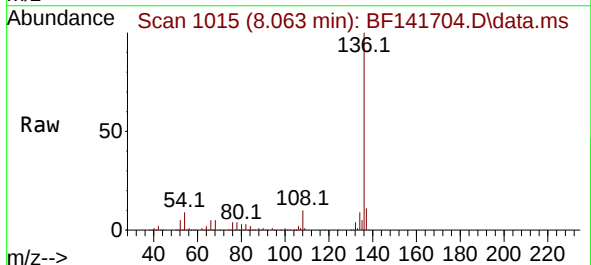
Instrument :  
BNA\_F  
ClientSampleId :  
OU4-PCS-TC-20-021725

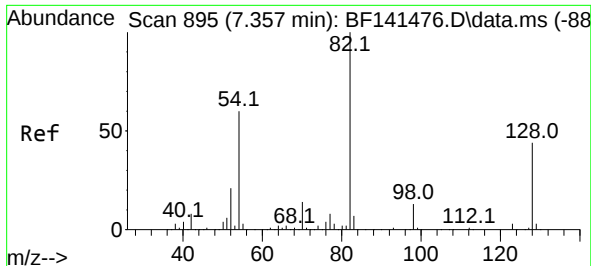
Tgt Ion: 99 Resp: 528501  
Ion Ratio Lower Upper  
99 100  
42 21.3 19.1 28.7  
71 36.6 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141704.D  
Acq: 20 Feb 2025 15:36

Tgt Ion: 136 Resp: 355178  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.7 7.2 10.8  
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 49.952 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF141704.D

Acq: 20 Feb 2025 15:36

Instrument :

BNA\_F

ClientSampleId :

OU4-PCS-TC-20-021725

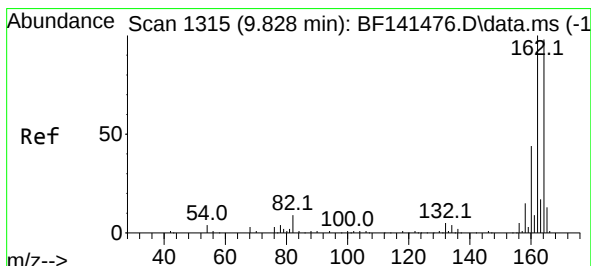
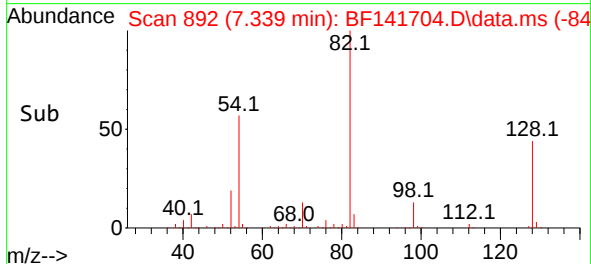
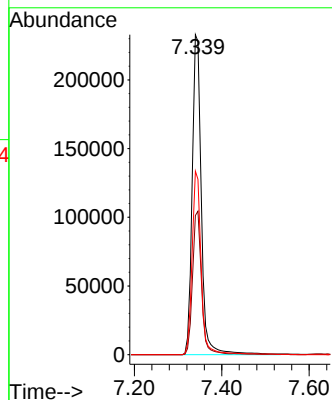
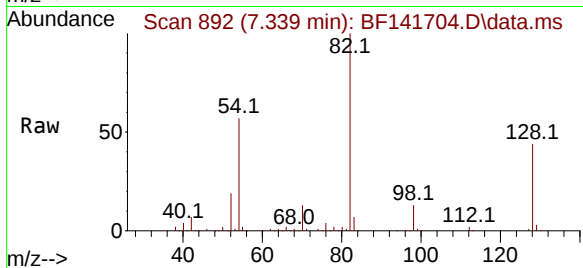
Tgt Ion: 82 Resp: 340153

Ion Ratio Lower Upper

82 100

128 43.5 34.8 52.2

54 57.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF141704.D

Acq: 20 Feb 2025 15:36

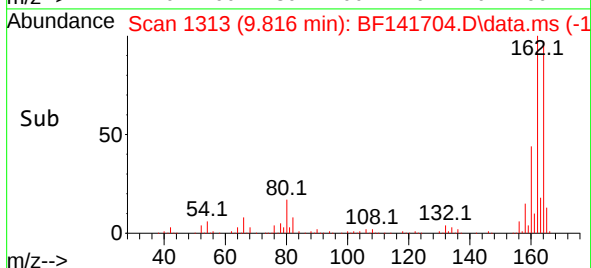
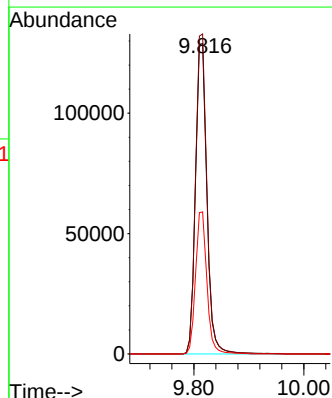
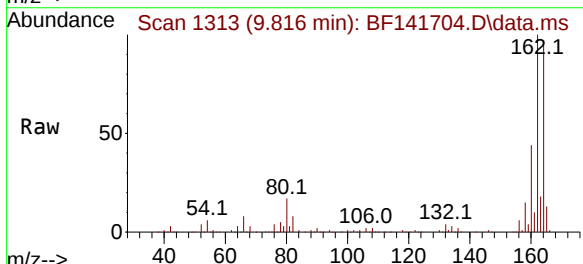
Tgt Ion:164 Resp: 185538

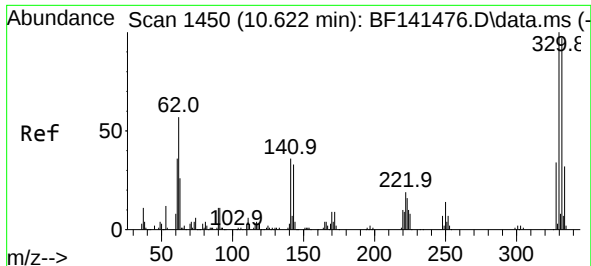
Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 69.791 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141704.D

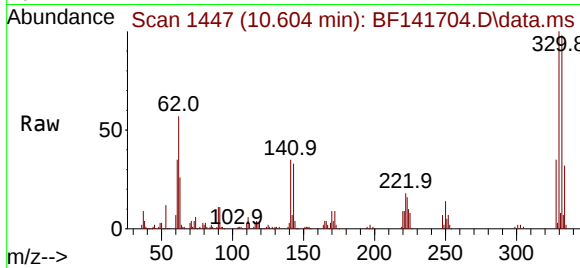
Acq: 20 Feb 2025 15:36

Instrument :

BNA\_F

ClientSampleId :

OU4-PCS-TC-20-021725



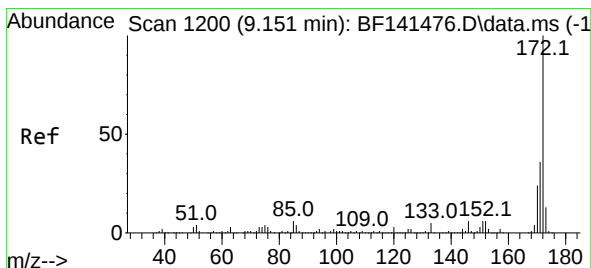
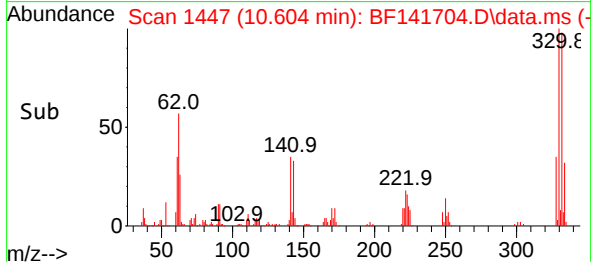
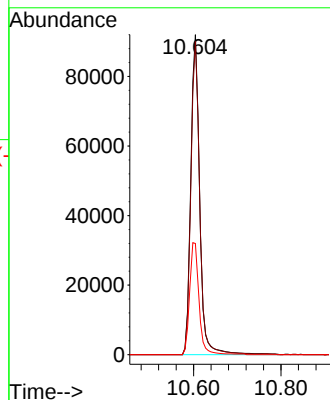
Tgt Ion:330 Resp: 130077

Ion Ratio Lower Upper

330 100

332 97.2 78.5 117.7

141 36.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 54.722 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141704.D

Acq: 20 Feb 2025 15:36

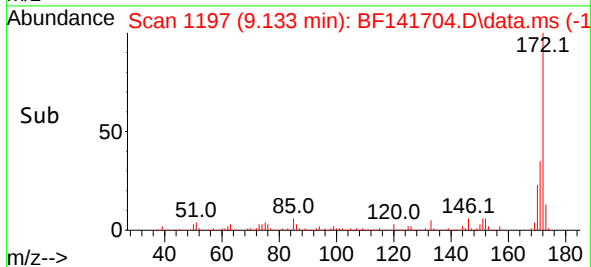
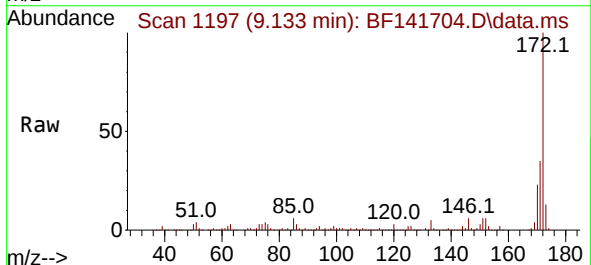
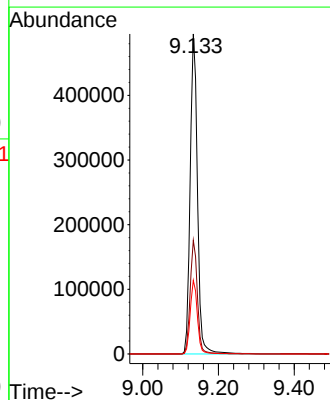
Tgt Ion:172 Resp: 659012

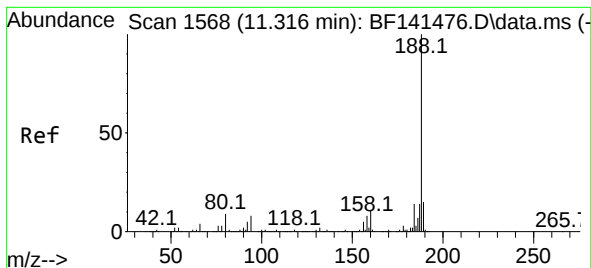
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141704.D

Acq: 20 Feb 2025 15:36

Instrument :

BNA\_F

ClientSampleId :

OU4-PCS-TC-20-021725

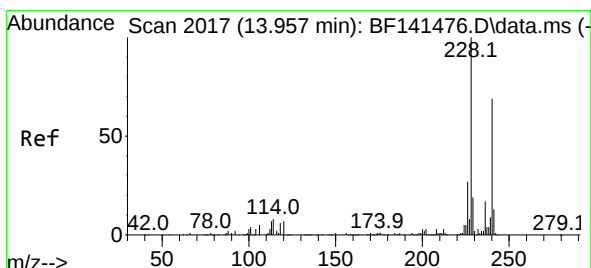
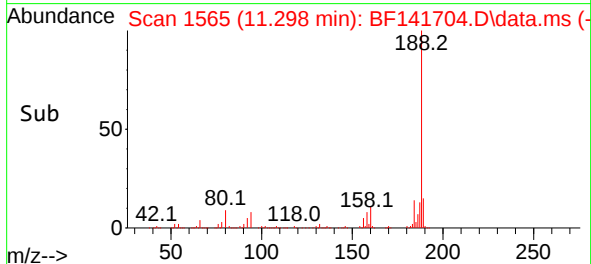
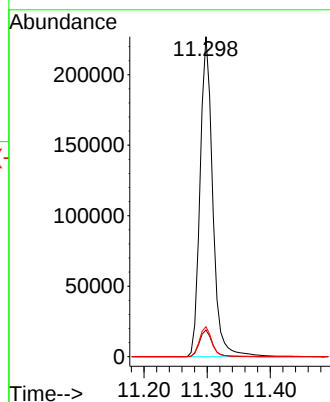
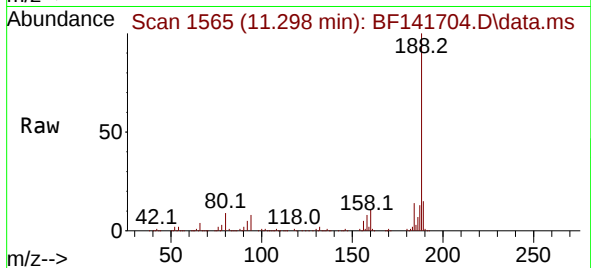
Tgt Ion:188 Resp: 316202

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141704.D

Acq: 20 Feb 2025 15:36

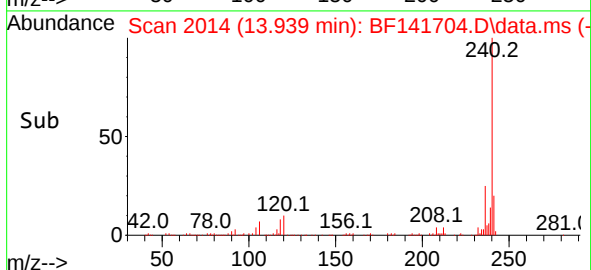
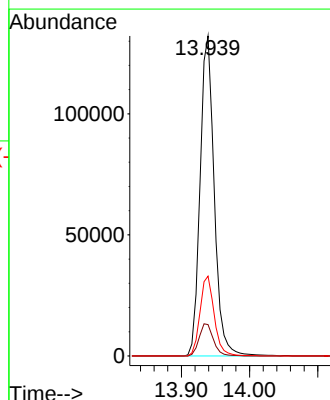
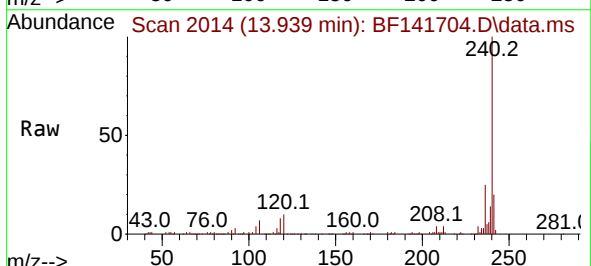
Tgt Ion:240 Resp: 190956

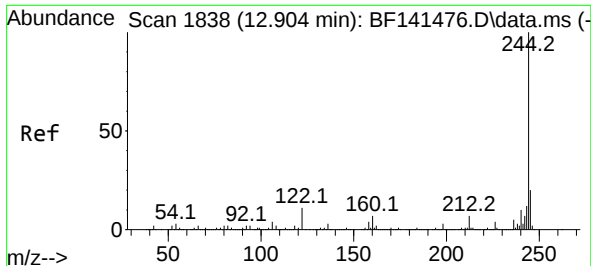
Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

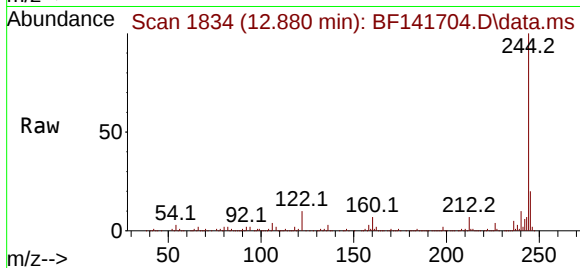
236 25.0 19.8 29.8



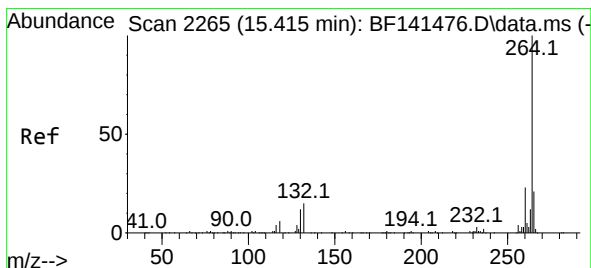
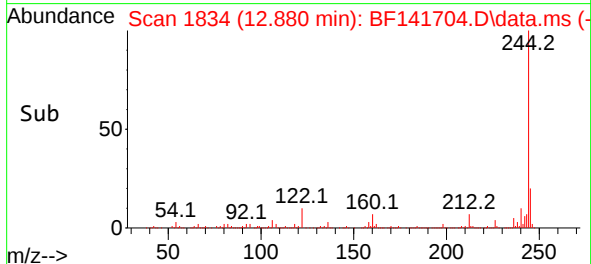
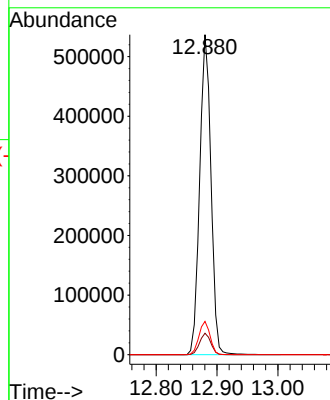


#79  
 Terphenyl-d14  
 Concen: 61.053 ng  
 RT: 12.880 min Scan# 11  
 Delta R.T. -0.023 min  
 Lab File: BF141704.D  
 Acq: 20 Feb 2025 15:36

Instrument :  
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 OU4-PCS-TC-20-021725



Tgt Ion:244 Resp: 690596  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 10.4 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.380 min Scan# 2259  
 Delta R.T. -0.035 min  
 Lab File: BF141704.D  
 Acq: 20 Feb 2025 15:36

Tgt Ion:264 Resp: 170452  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.6 28.0  
 265 21.0 17.0 25.4

