

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022125\  
 Data File : BF141732.D  
 Acq On : 21 Feb 2025 21:12  
 Operator : RC/JU  
 Sample : Q1395-01 10X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BEL-25-0005

Quant Time: Feb 21 21:52:44 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  | 82339    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.063  | 136  | 332621   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.816  | 164  | 162636   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 252591   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 13.951 | 240  | 150059   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.404 | 264  | 130438   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1599     | 0.304  | ng    | 0.02     |
| 7) Phenol-d6                | 6.445  | 99   | 6700     | 1.009  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 3669     | 0.575  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.610 | 330  | 1659     | 1.015  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.139  | 172  | 17733    | 1.680  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.886 | 244  | 16232    | 1.826  | ng    | -0.02    |

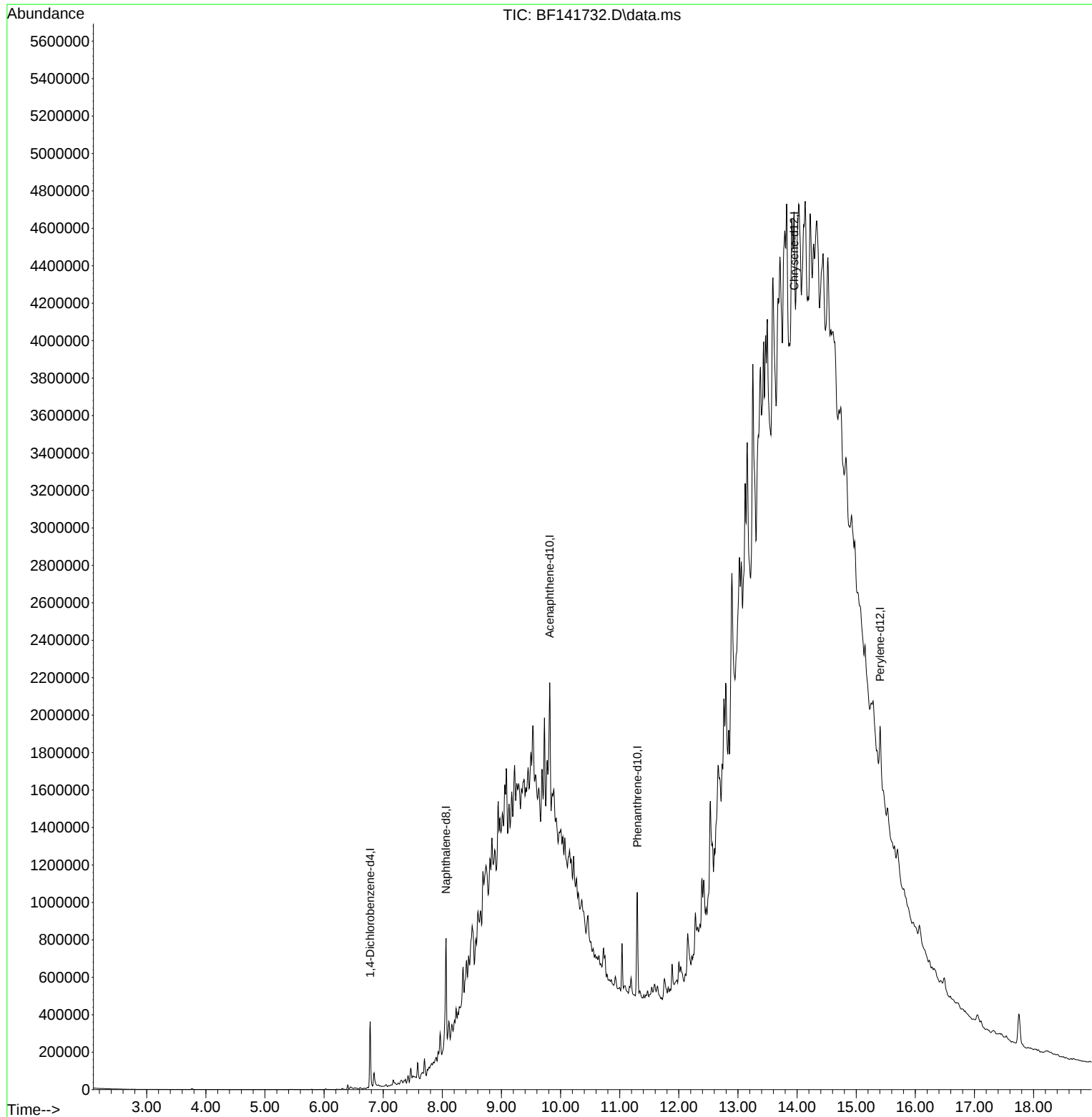
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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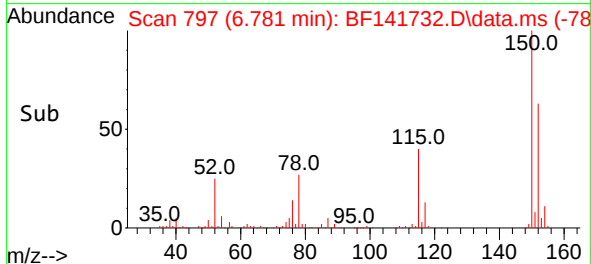
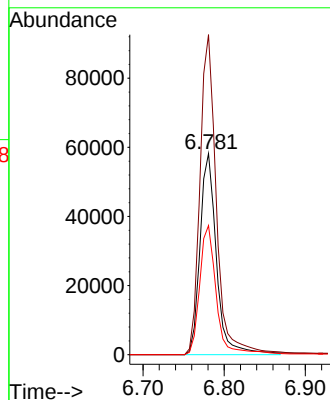
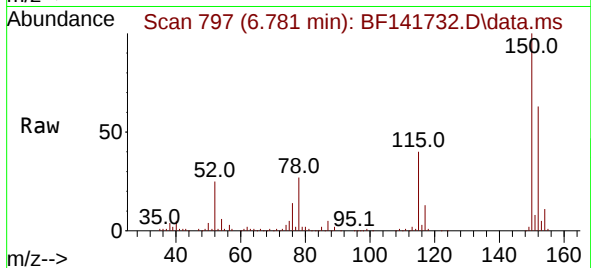




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.011 min  
Lab File: BF141732.D  
Acq: 21 Feb 2025 21:12

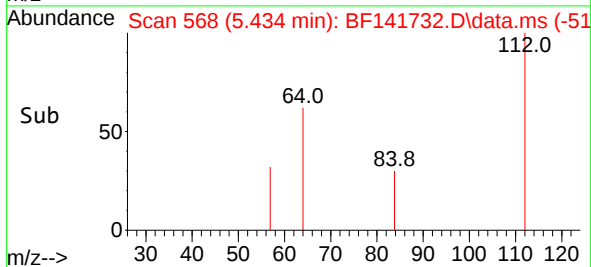
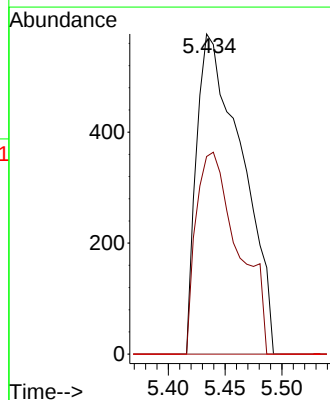
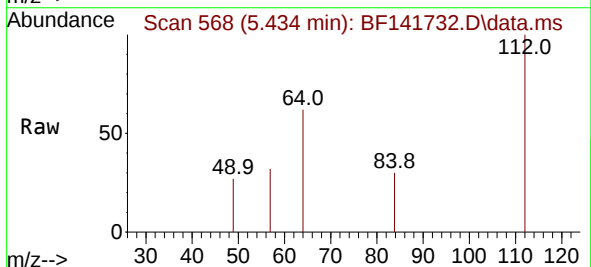
Instrument :  
BNA\_F  
ClientSampleId :  
BEL-25-0005

Tgt Ion:152 Resp: 82339  
Ion Ratio Lower Upper  
152 100  
150 159.2 125.0 187.4  
115 64.2 53.6 80.4



#5  
2-Fluorophenol  
Concen: 0.304 ng  
RT: 5.434 min Scan# 568  
Delta R.T. 0.024 min  
Lab File: BF141732.D  
Acq: 21 Feb 2025 21:12

Tgt Ion:112 Resp: 1599  
Ion Ratio Lower Upper  
112 100  
64 61.7 51.1 76.7  
63 0.0 28.4 42.6#

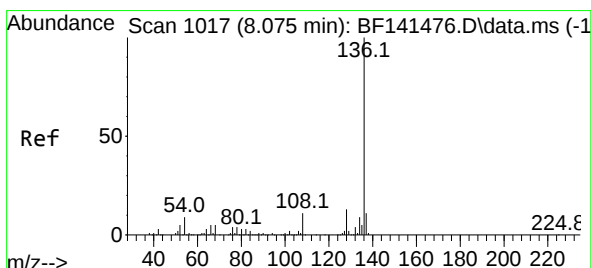
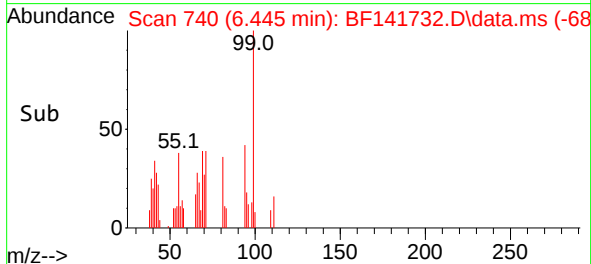
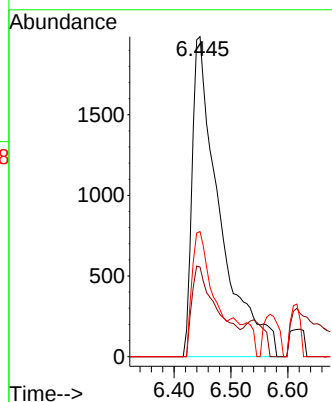
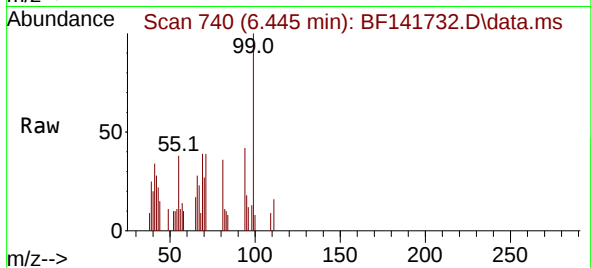




#7  
Phenol-d6  
Concen: 1.009 ng  
RT: 6.445 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: BF141732.D  
Acq: 21 Feb 2025 21:12

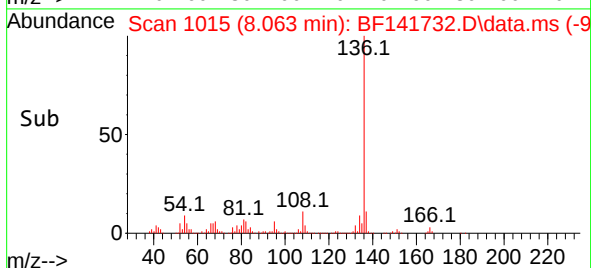
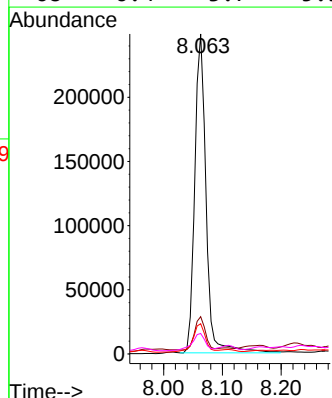
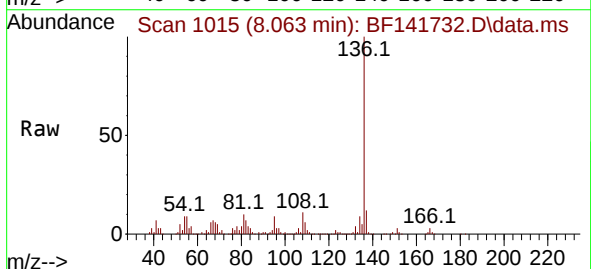
Instrument :  
BNA\_F  
ClientSampleId :  
BEL-25-0005

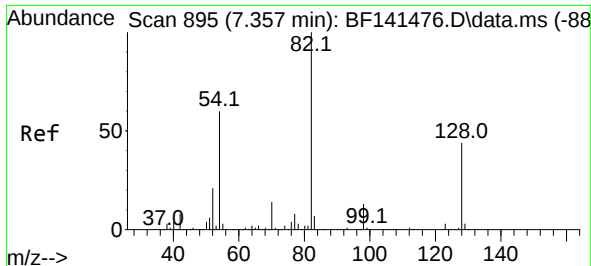
Tgt Ion: 99 Resp: 6700  
Ion Ratio Lower Upper  
99 100  
42 28.0 19.1 28.7  
71 39.1 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141732.D  
Acq: 21 Feb 2025 21:12

Tgt Ion: 136 Resp: 332621  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.6 13.0  
54 9.4 7.2 10.8  
68 6.4 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 0.575 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141732.D

Acq: 21 Feb 2025 21:12

Instrument :

BNA\_F

ClientSampleId :

BEL-25-0005

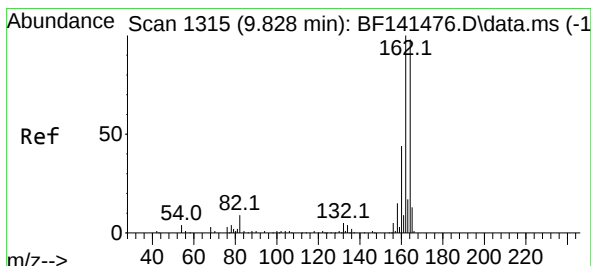
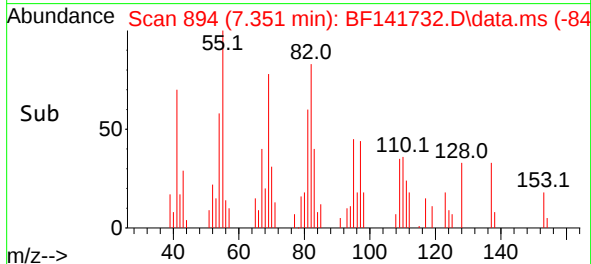
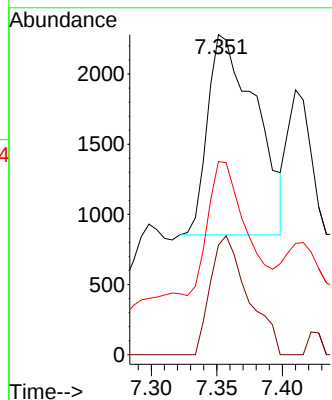
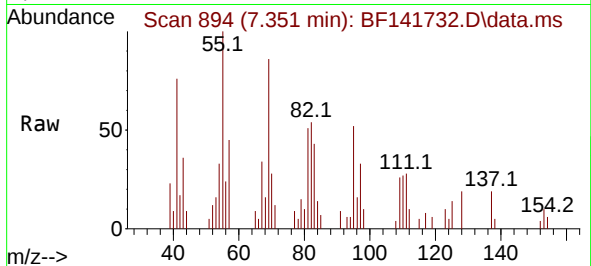
Tgt Ion: 82 Resp: 3669

Ion Ratio Lower Upper

82 100

128 34.2 34.8 52.2#

54 60.4 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: BF141732.D

Acq: 21 Feb 2025 21:12

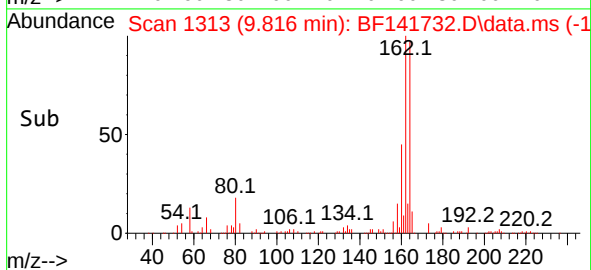
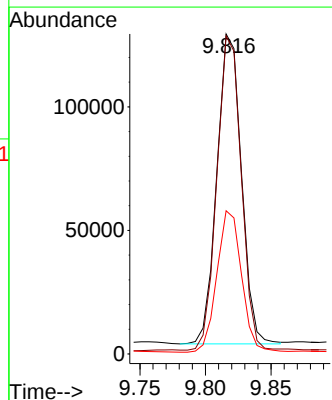
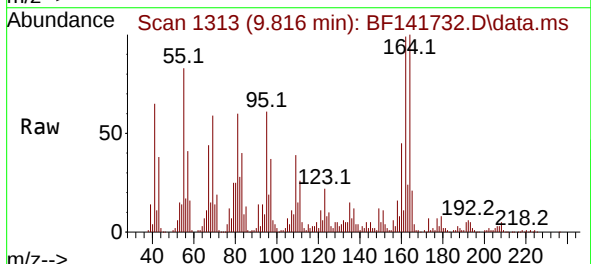
Tgt Ion:164 Resp: 162636

Ion Ratio Lower Upper

164 100

162 99.4 81.3 121.9

160 44.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 1.015 ng

RT: 10.610 min Scan# 1450

Delta R.T. -0.018 min

Lab File: BF141732.D

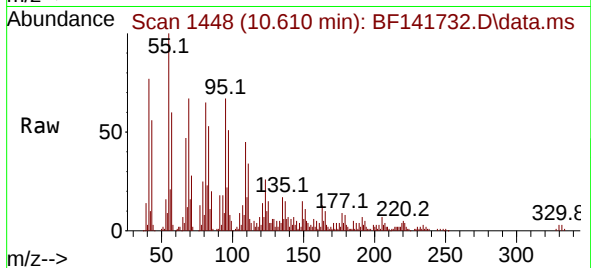
Acq: 21 Feb 2025 21:12

Instrument :

BNA\_F

ClientSampleId :

BEL-25-0005



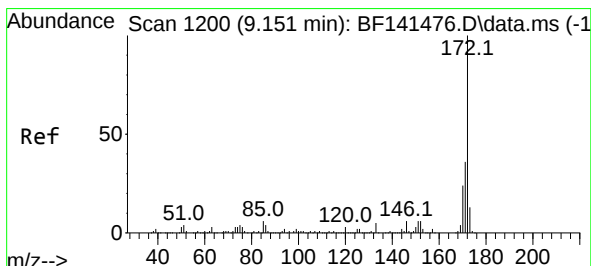
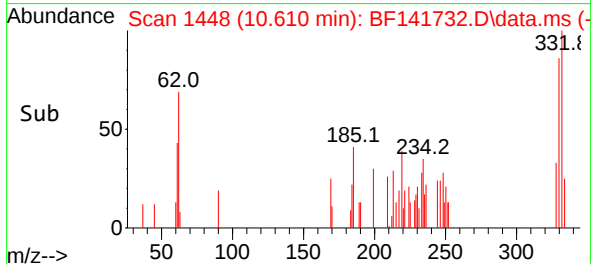
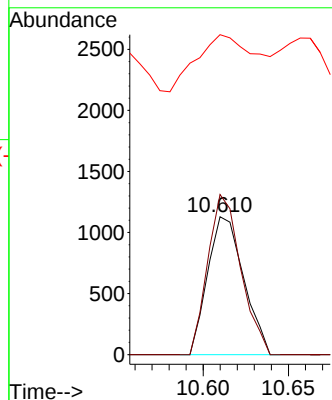
Tgt Ion:330 Resp: 1659

Ion Ratio Lower Upper

330 100

332 106.5 78.5 117.7

141 68.6 31.0 46.4#



#45

2-Fluorobiphenyl

Concen: 1.680 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141732.D

Acq: 21 Feb 2025 21:12

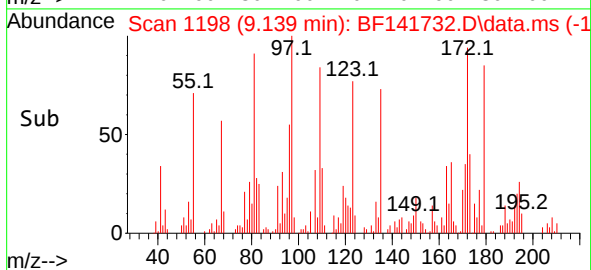
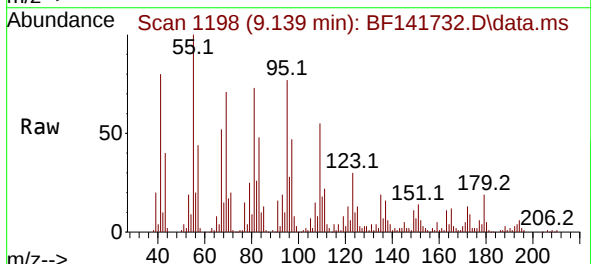
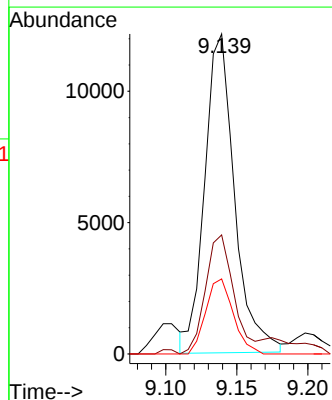
Tgt Ion:172 Resp: 17733

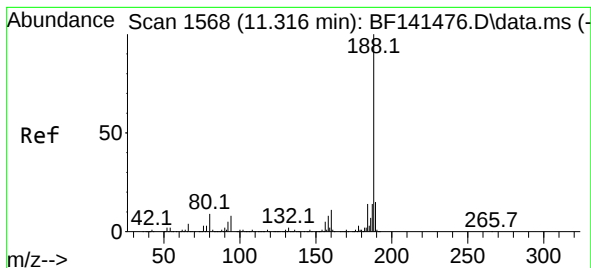
Ion Ratio Lower Upper

172 100

171 37.2 28.7 43.1

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141732.D

Acq: 21 Feb 2025 21:12

Instrument :

BNA\_F

ClientSampleId :

BEL-25-0005

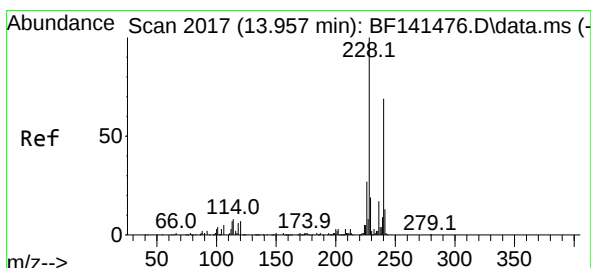
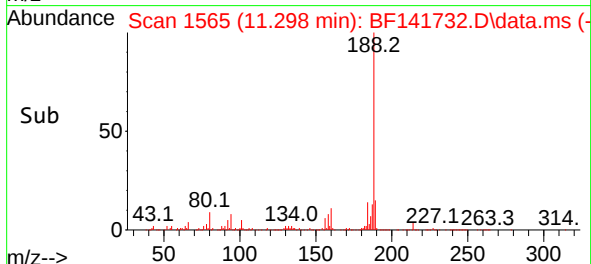
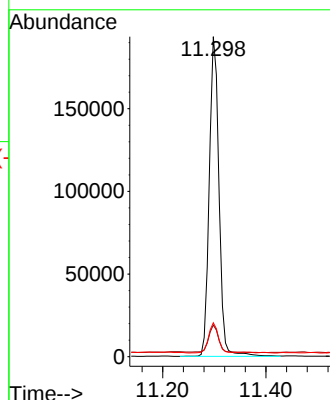
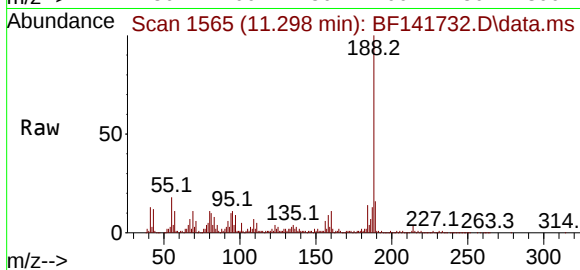
Tgt Ion:188 Resp: 252591

Ion Ratio Lower Upper

188 100

94 9.9 6.6 10.0

80 10.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141732.D

Acq: 21 Feb 2025 21:12

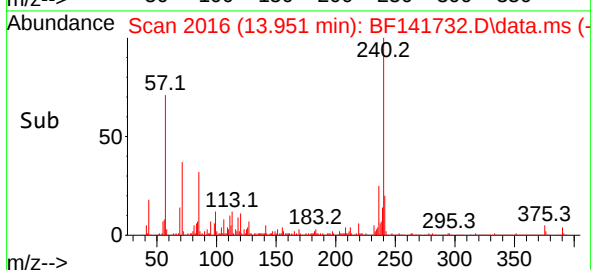
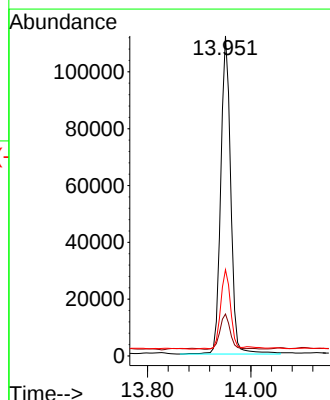
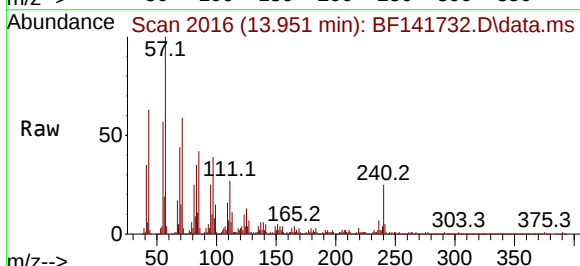
Tgt Ion:240 Resp: 150059

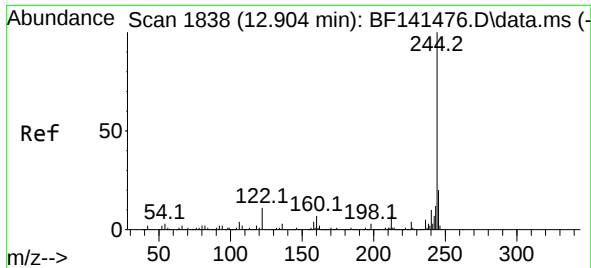
Ion Ratio Lower Upper

240 100

120 13.1 8.0 12.0#

236 27.0 19.8 29.8

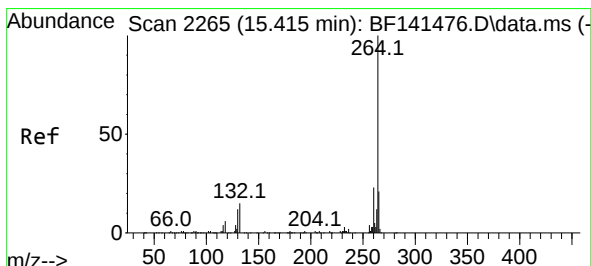
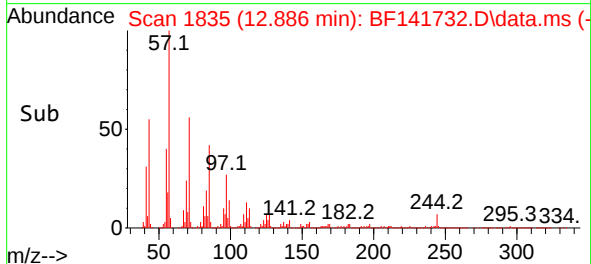
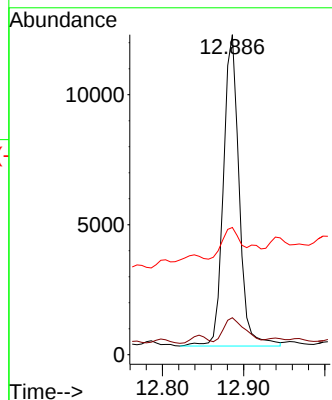
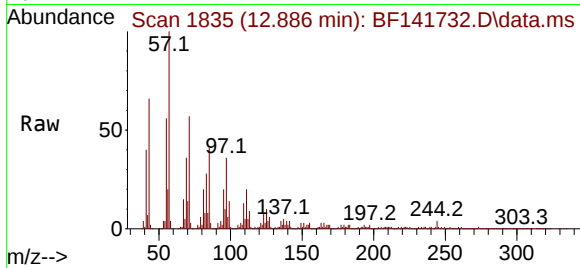




#79  
 Terphenyl-d14  
 Concen: 1.826 ng  
 RT: 12.886 min Scan# 1835  
 Delta R.T. -0.018 min  
 Lab File: BF141732.D  
 Acq: 21 Feb 2025 21:12

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 16232  
 Ion Ratio Lower Upper  
 244 100  
 212 11.5 5.6 8.4#  
 122 39.7 8.4 12.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.404 min Scan# 2263  
 Delta R.T. -0.012 min  
 Lab File: BF141732.D  
 Acq: 21 Feb 2025 21:12

Tgt Ion:264 Resp: 130438  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.6 28.0  
 265 22.6 17.0 25.4

