

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022625\  
 Data File : BF141788.D  
 Acq On : 26 Feb 2025 17:56  
 Operator : RC/JU  
 Sample : Q1415-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB02222025

Quant Time: Feb 27 00:05:12 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

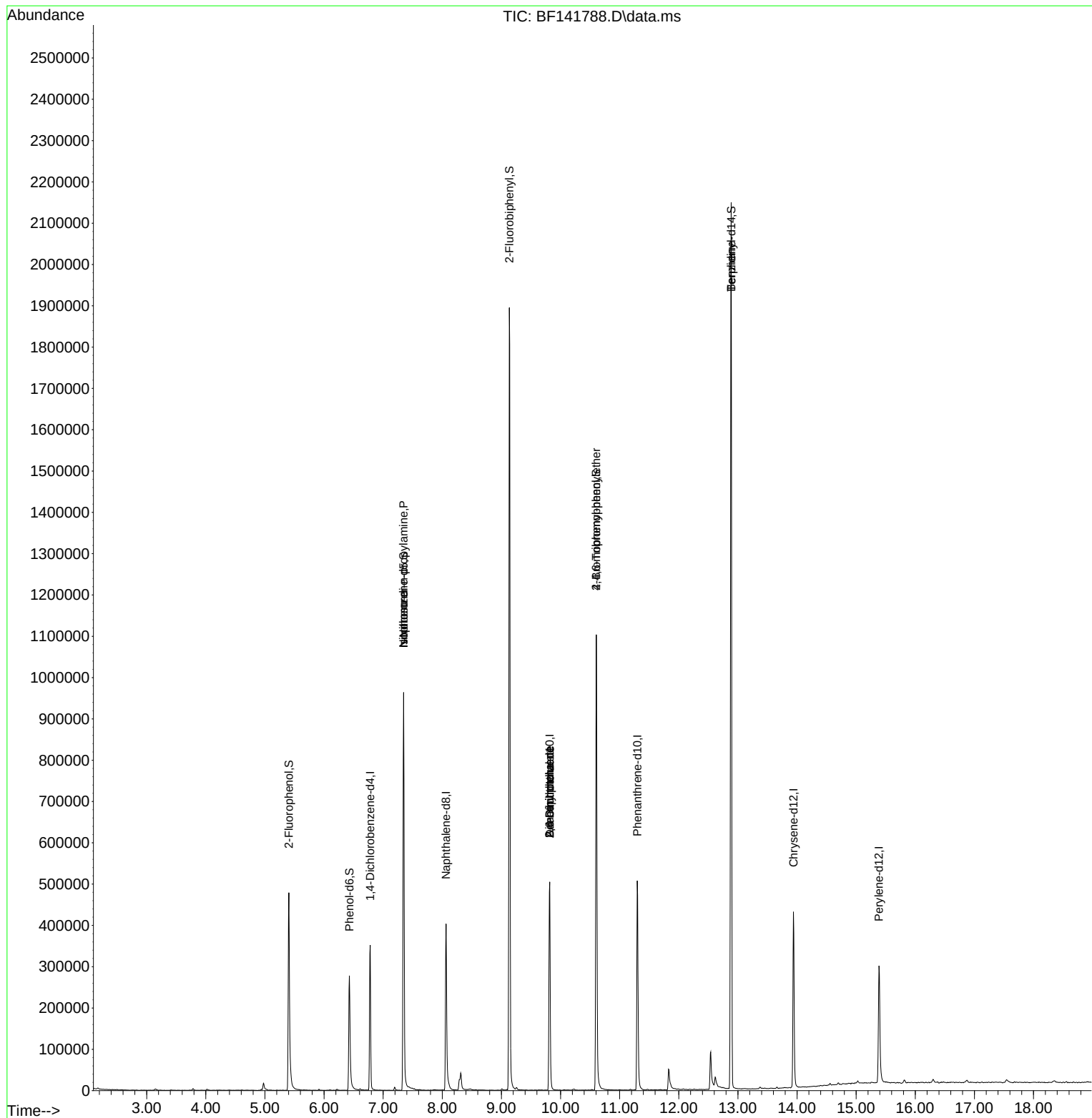
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 78152    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 311819   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 173235   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.298 | 188  | 306559   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 13.939 | 240  | 234571   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.386 | 264  | 196458   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.404  | 112  | 232019   | 46.543  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 165420   | 26.255  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 461089   | 77.127  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.604 | 330  | 200755   | 115.362 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.134  | 172  | 892377   | 79.362  | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.886 | 244  | 1101084  | 79.243  | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 59860    | 15.883  | ng    | # 72     |
| 25) Isophorone                | 7.345  | 82   | 452327   | 47.452  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.816  | 163  | 24564    | 2.089   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 21981    | 8.550   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 21981    | 6.422   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.604 | 248  | 13788    | 4.024   | ng    | # 1      |
| 77) Benzidine                 | 12.886 | 184  | 13753    | 2.658   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

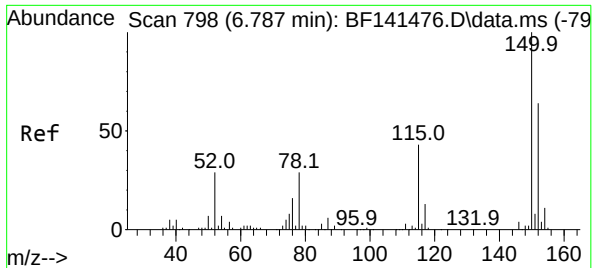
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022625\  
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ALS Vial : 15 Sample Multiplier: 1

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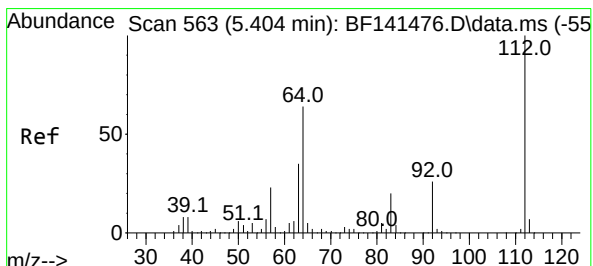
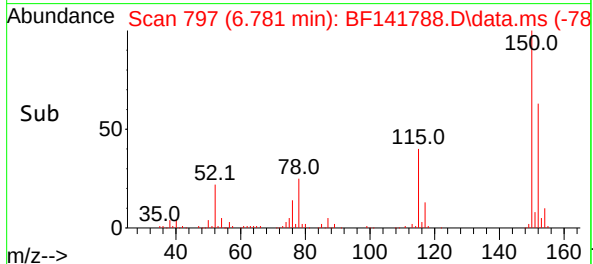
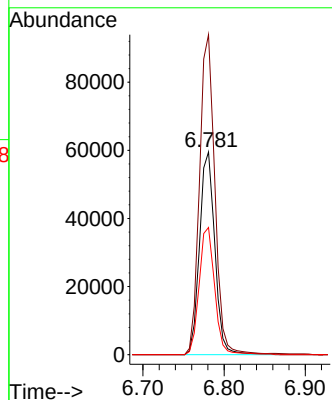
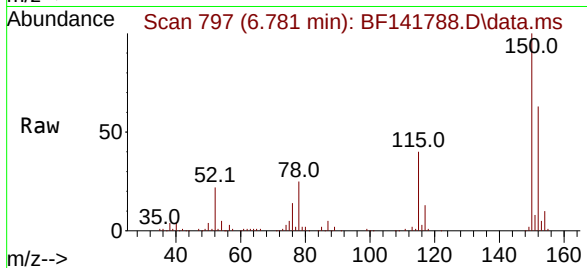




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 798  
 Delta R.T. -0.011 min  
 Lab File: BF141788.D  
 Acq: 26 Feb 2025 17:56

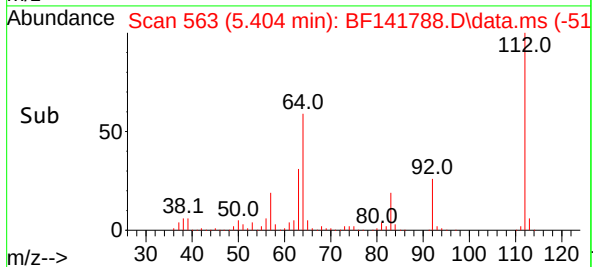
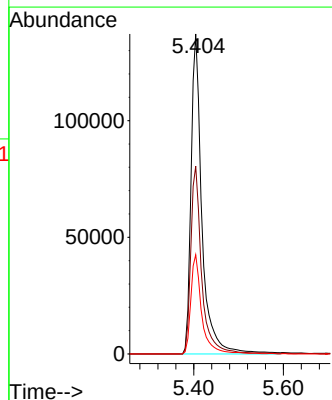
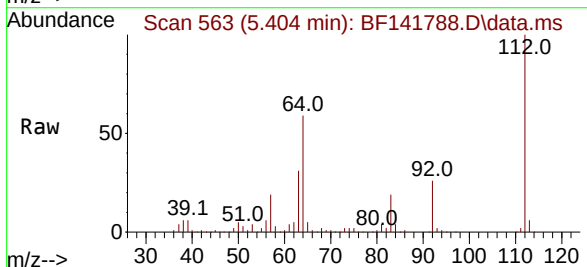
Instrument :  
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 ClientSampleId :  
 FB02222025

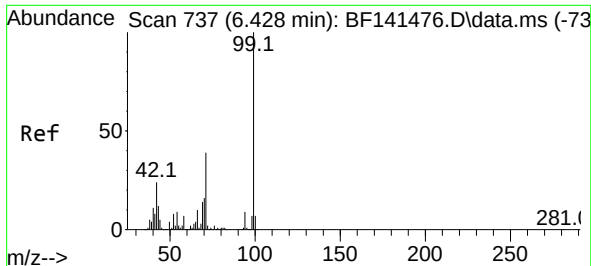
Tgt Ion:152 Resp: 78152  
 Ion Ratio Lower Upper  
 152 100  
 150 157.8 125.0 187.4  
 115 62.7 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 46.543 ng  
 RT: 5.404 min Scan# 563  
 Delta R.T. -0.006 min  
 Lab File: BF141788.D  
 Acq: 26 Feb 2025 17:56

Tgt Ion:112 Resp: 232019  
 Ion Ratio Lower Upper  
 112 100  
 64 58.7 51.1 76.7  
 63 31.0 28.4 42.6

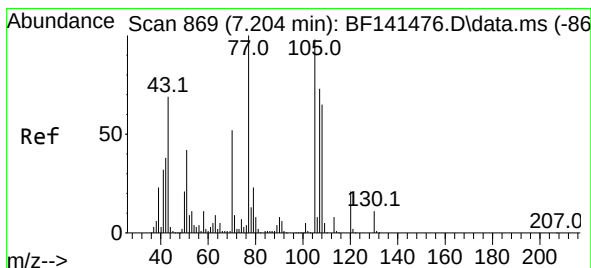
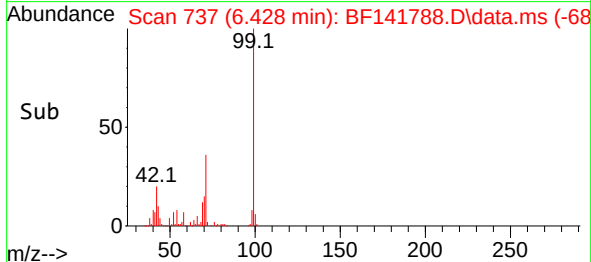
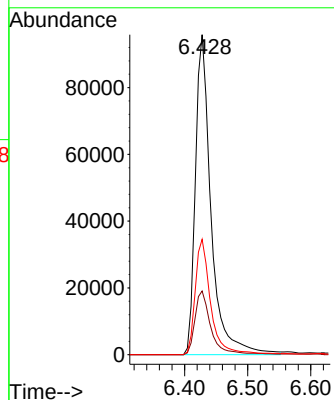
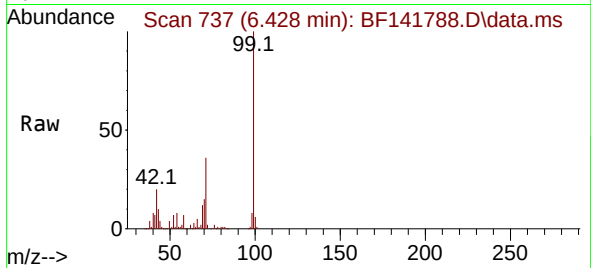




#7  
Phenol-d6  
Concen: 26.255 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

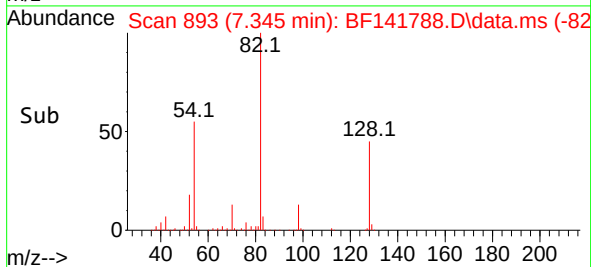
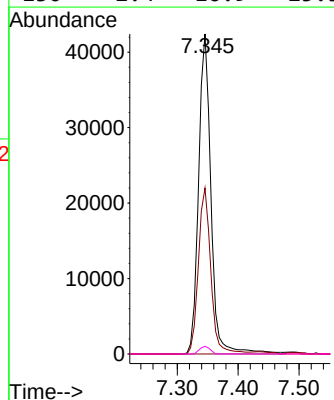
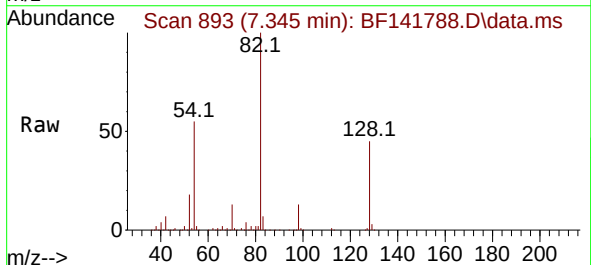
Instrument :  
BNA\_F  
ClientSampleId :  
FB02222025

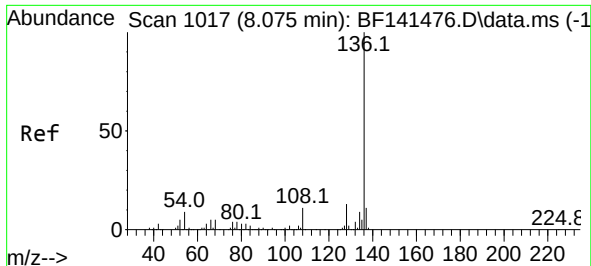
Tgt Ion: 99 Resp: 165420  
Ion Ratio Lower Upper  
99 100  
42 19.9 19.1 28.7  
71 36.1 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.883 ng  
RT: 7.345 min Scan# 893  
Delta R.T. 0.130 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

Tgt Ion: 70 Resp: 59860  
Ion Ratio Lower Upper  
70 100  
42 51.8 57.4 86.2#  
101 0.0 8.0 12.0#  
130 2.4 16.9 25.3#

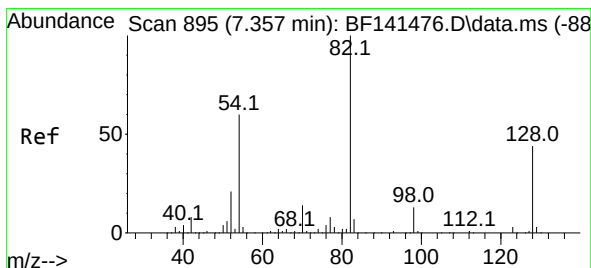
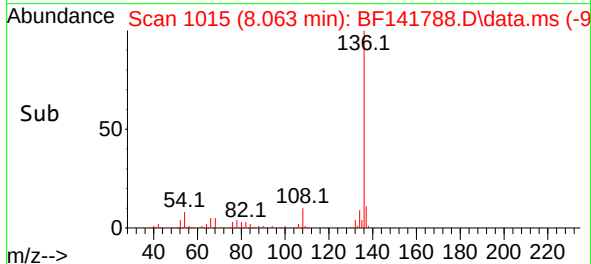
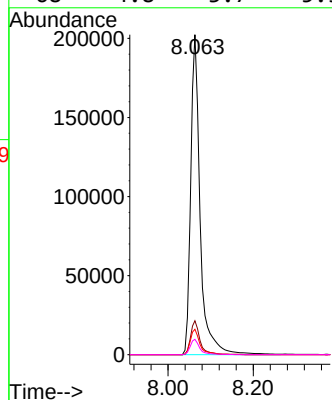
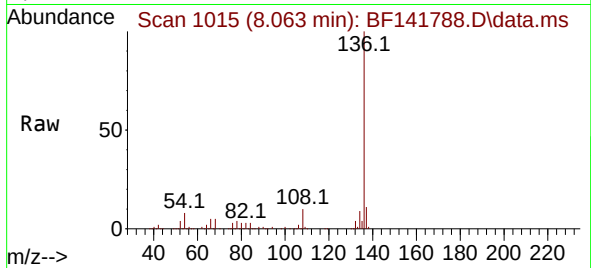




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

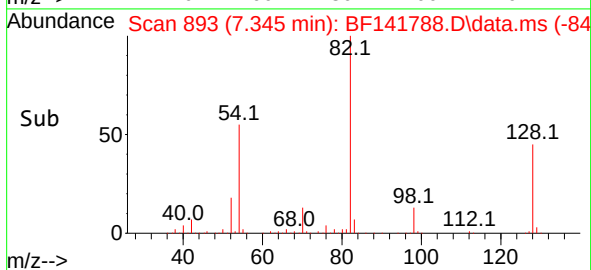
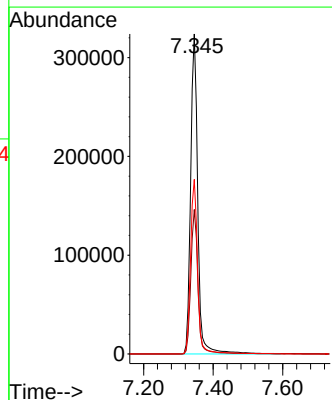
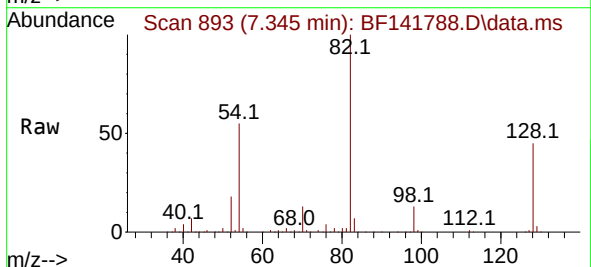
Instrument :  
BNA\_F  
ClientSampleId :  
FB02222025

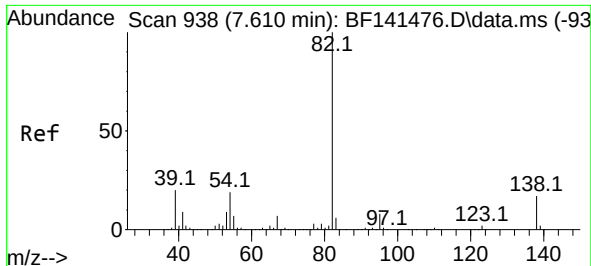
Tgt Ion:136 Resp: 311819  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 7.9 7.2 10.8  
68 4.8 3.7 5.5



#23  
Nitrobenzene-d5  
Concen: 77.127 ng  
RT: 7.345 min Scan# 893  
Delta R.T. -0.017 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

Tgt Ion: 82 Resp: 461089  
Ion Ratio Lower Upper  
82 100  
128 45.1 34.8 52.2  
54 54.6 48.2 72.4

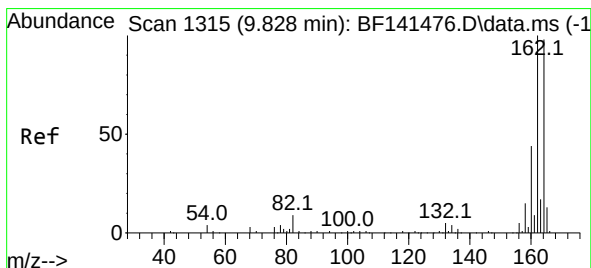
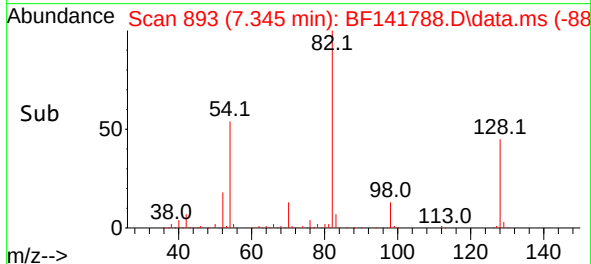
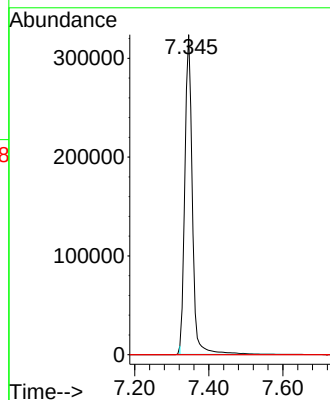
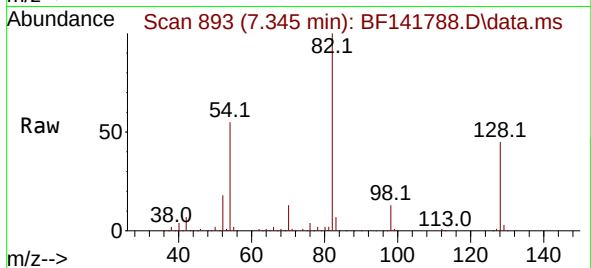




#25  
Isophorone  
Concen: 47.452 ng  
RT: 7.345 min Scan# 89  
Delta R.T. -0.276 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

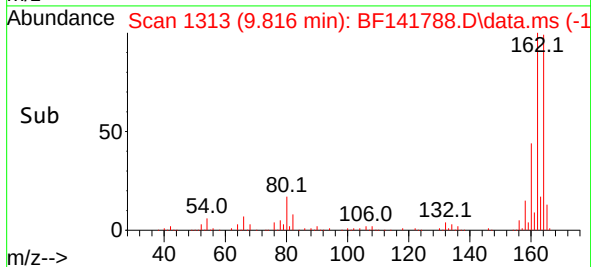
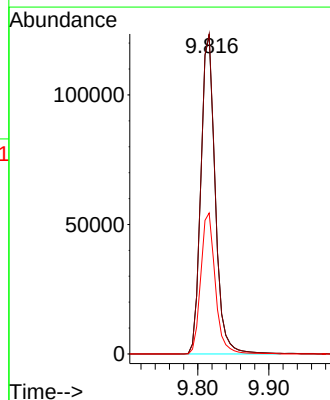
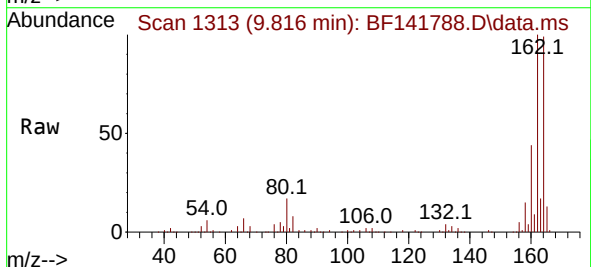
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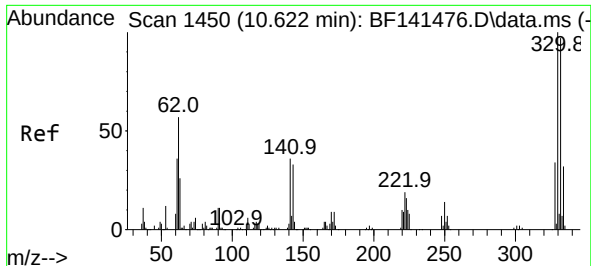
Tgt Ion: 82 Resp: 452327  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.9 20.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.816 min Scan# 1313  
Delta R.T. -0.017 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

Tgt Ion: 164 Resp: 173235  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.3 121.9  
160 44.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 115.362 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141788.D

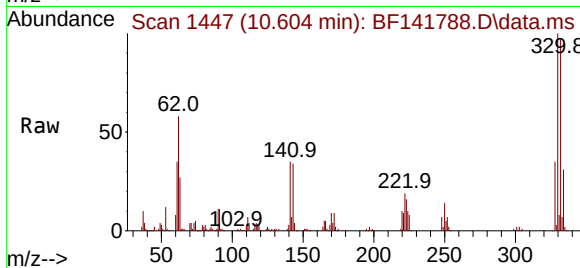
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Instrument :

BNA\_F

ClientSampleId :

FB02222025



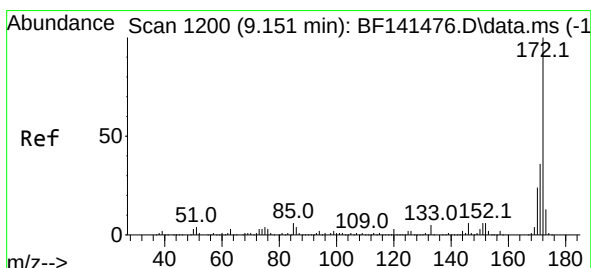
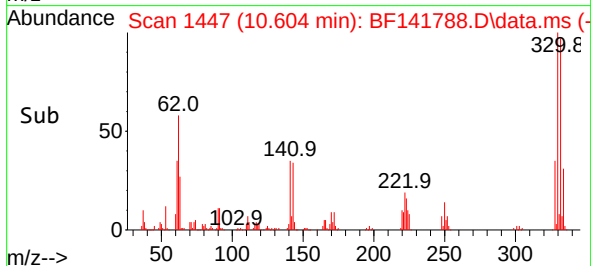
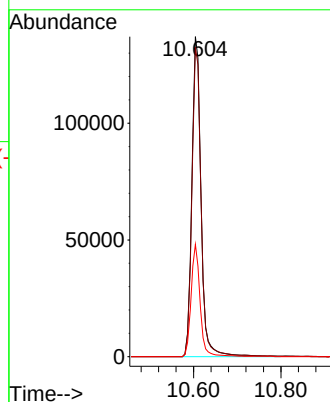
Tgt Ion:330 Resp: 200755

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

141 34.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 79.362 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141788.D

Acq: 26 Feb 2025 17:56

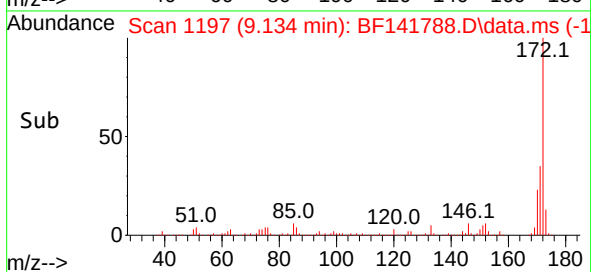
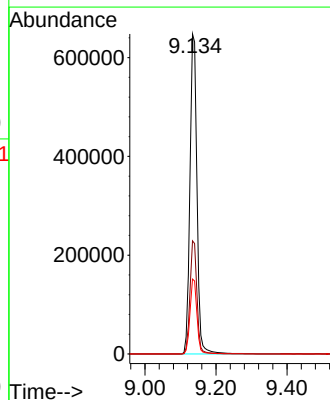
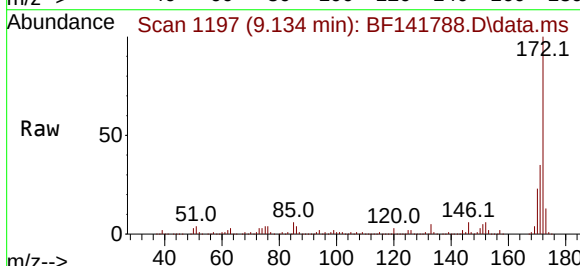
Tgt Ion:172 Resp: 892377

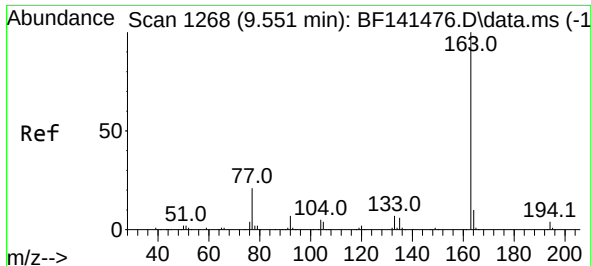
Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.4 18.9 28.3

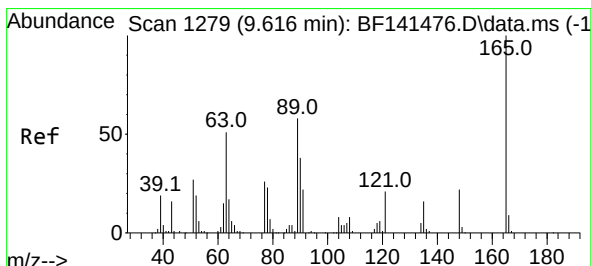
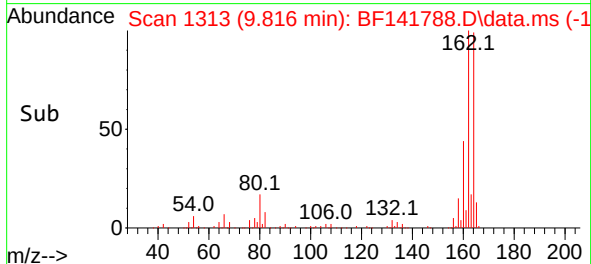
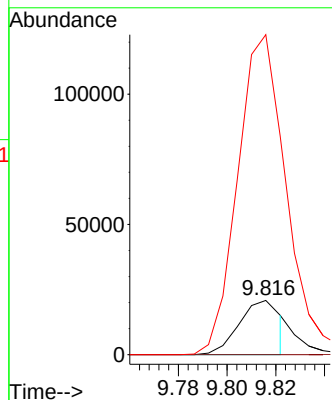
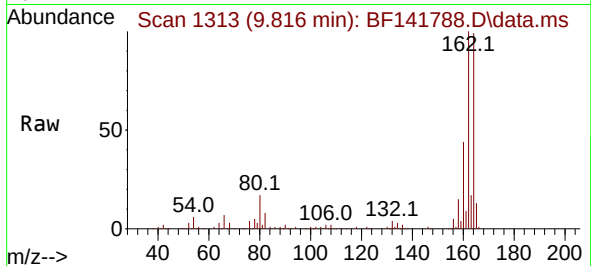




#50  
Dimethylphthalate  
Concen: 2.089 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.253 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

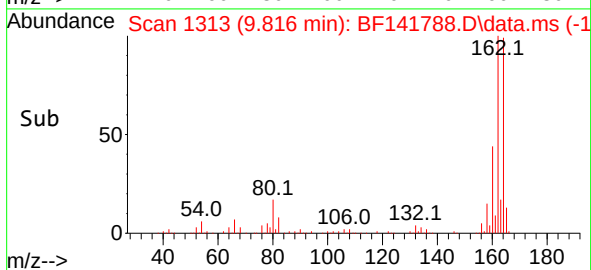
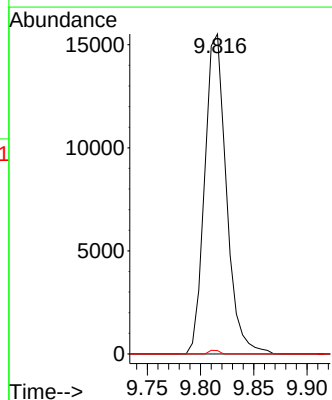
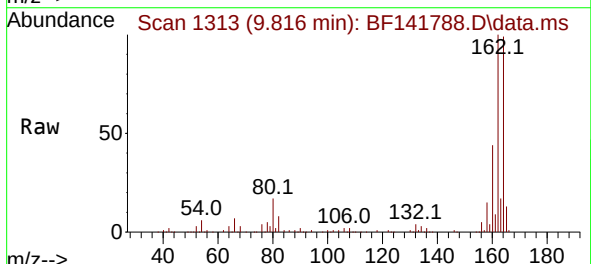
Instrument :  
BNA\_F  
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FB02222025

Tgt Ion:163 Resp: 24564  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.4#  
164 589.5 7.9 11.9#

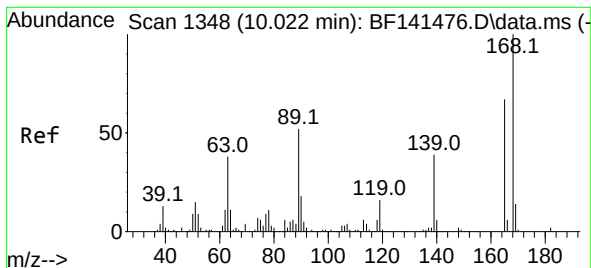


#51  
2,6-Dinitrotoluene  
Concen: 8.550 ng  
RT: 9.816 min Scan# 1313  
Delta R.T. 0.194 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

Tgt Ion:165 Resp: 21981  
Ion Ratio Lower Upper  
165 100  
63 0.0 49.4 74.0#  
89 1.1 46.5 69.7#

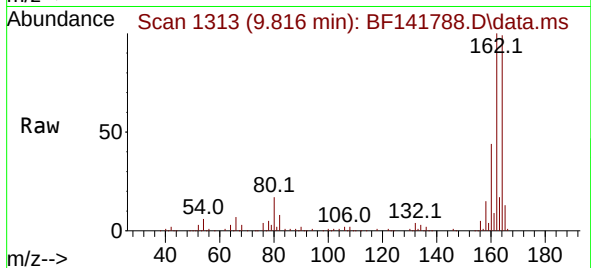




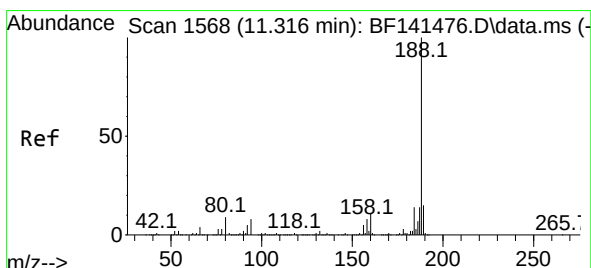
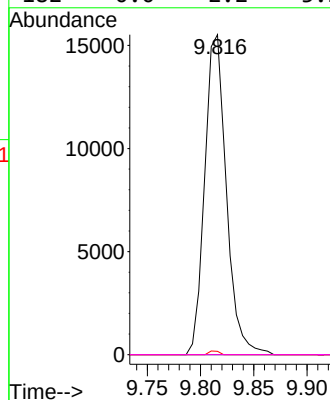
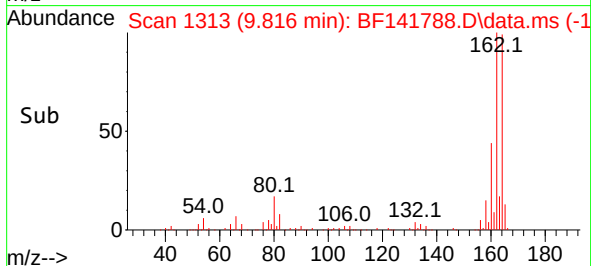


#57  
2,4-Dinitrotoluene  
Concen: 6.422 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.212 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

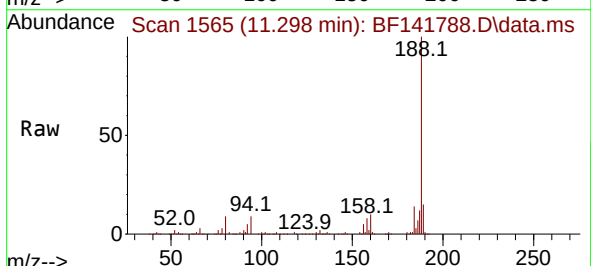
Instrument :  
BNA\_F  
ClientSampleId :  
FB02222025



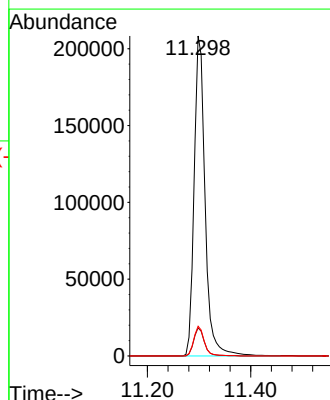
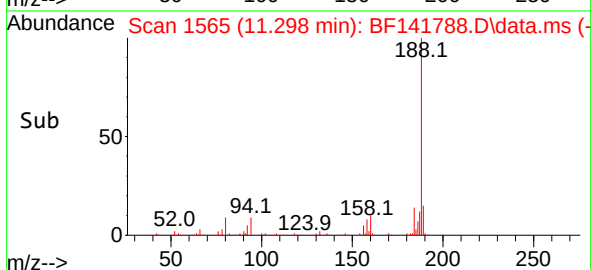
Tgt Ion:165 Resp: 21981  
Ion Ratio Lower Upper  
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89 1.1 61.8 92.6#  
182 0.0 2.2 3.2#

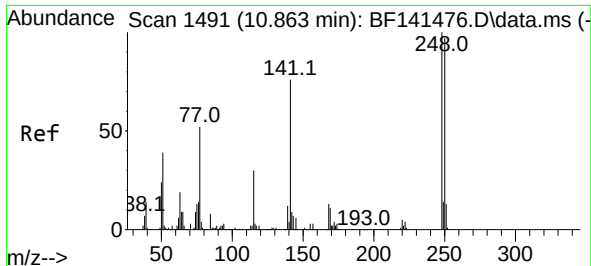


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 1565  
Delta R.T. -0.017 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56



Tgt Ion:188 Resp: 306559  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.6 10.0  
80 9.3 7.3 10.9

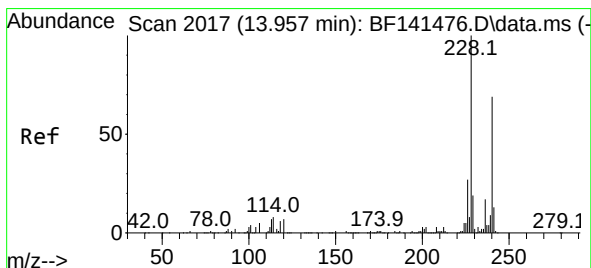
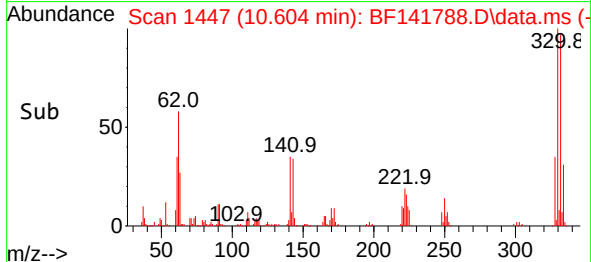
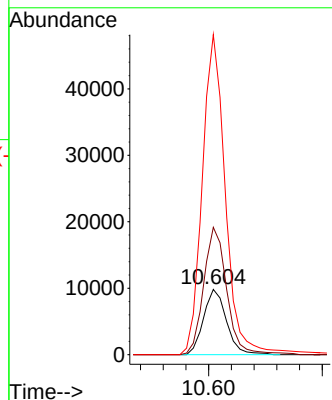
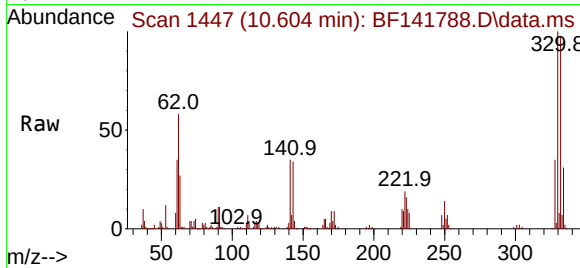




#67  
4-Bromophenyl-phenylether  
Concen: 4.024 ng  
RT: 10.604 min Scan# 1491  
Delta R.T. -0.259 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

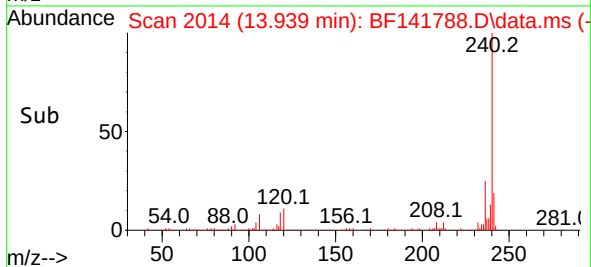
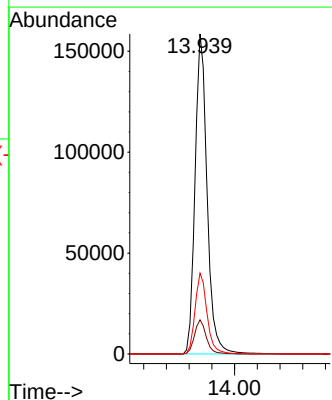
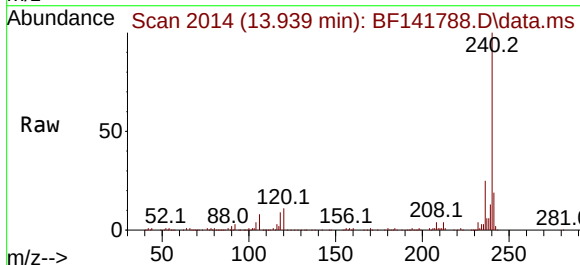
Instrument :  
BNA\_F  
ClientSampleId :  
FB02222025

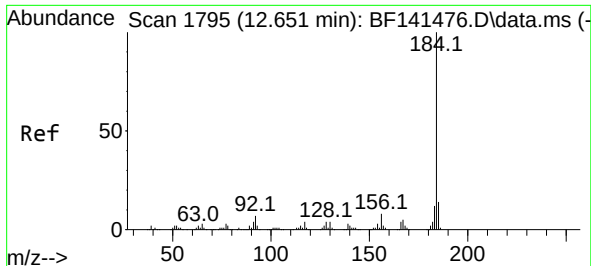
Tgt Ion:248 Resp: 13788  
Ion Ratio Lower Upper  
248 100  
250 195.0 77.8 116.6#  
141 490.0 60.6 90.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.939 min Scan# 2014  
Delta R.T. -0.023 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

Tgt Ion:240 Resp: 234571  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.0 12.0  
236 25.3 19.8 29.8

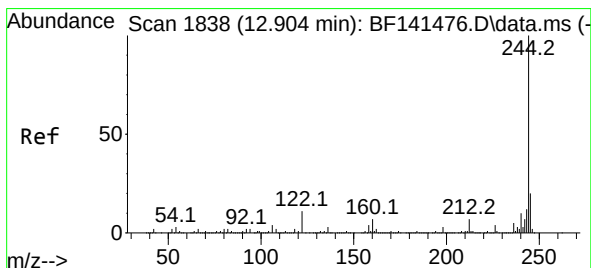
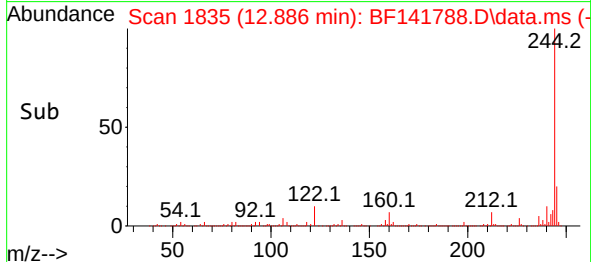
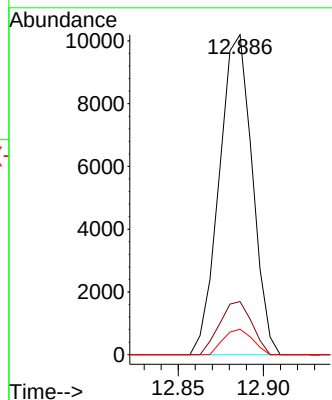
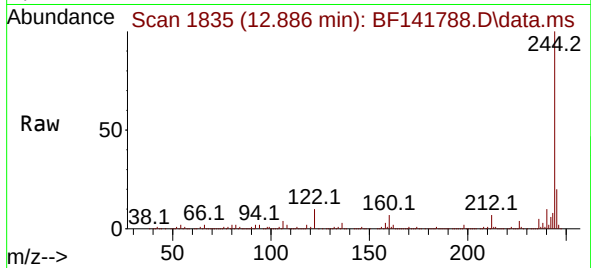




#77  
Benzidine  
Concen: 2.658 ng  
RT: 12.886 min Scan# 1835  
Delta R.T. 0.230 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

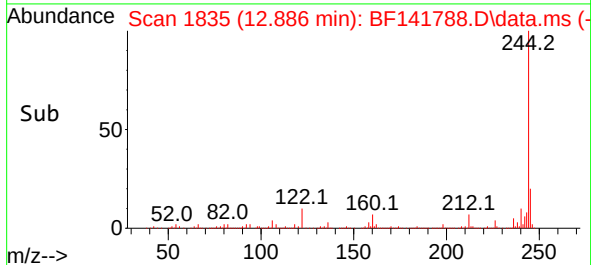
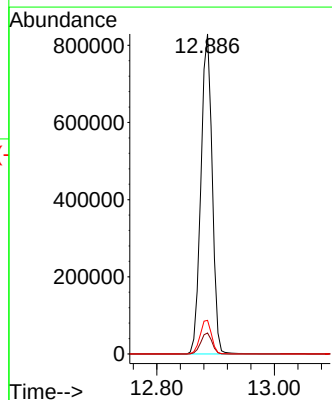
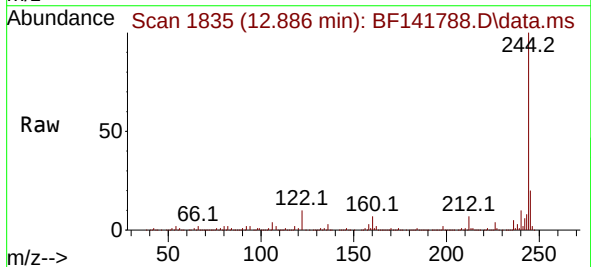
Instrument :  
BNA\_F  
ClientSampleId :  
FB02222025

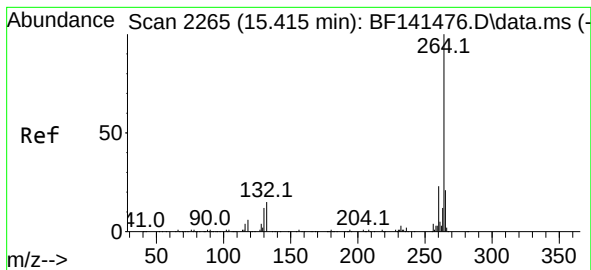
Tgt Ion:184 Resp: 13753  
Ion Ratio Lower Upper  
184 100  
185 16.6 11.3 16.9  
183 8.0 9.3 13.9#



#79  
Terphenyl-d14  
Concen: 79.243 ng  
RT: 12.886 min Scan# 1835  
Delta R.T. -0.017 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

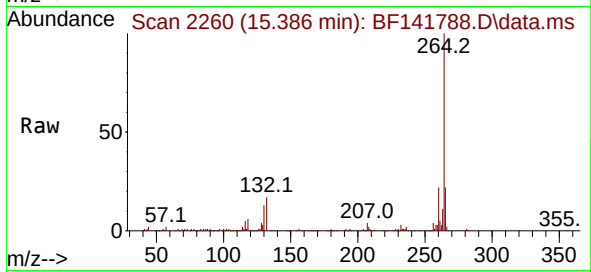
Tgt Ion:244 Resp: 1101084  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.6 8.4  
122 10.5 8.4 12.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.386 min Scan# 21  
Delta R.T. -0.029 min  
Lab File: BF141788.D  
Acq: 26 Feb 2025 17:56

Instrument :  
BNA\_F  
ClientSampleId :  
FB02222025



Tgt Ion:264 Resp: 196458  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.6 28.0  
265 21.5 17.0 25.4

