

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021125\  
 Data File : BF141561.D  
 Acq On : 11 Feb 2025 14:56  
 Operator : RC/JU  
 Sample : Q1309-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3

Quant Time: Feb 11 15:25:55 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

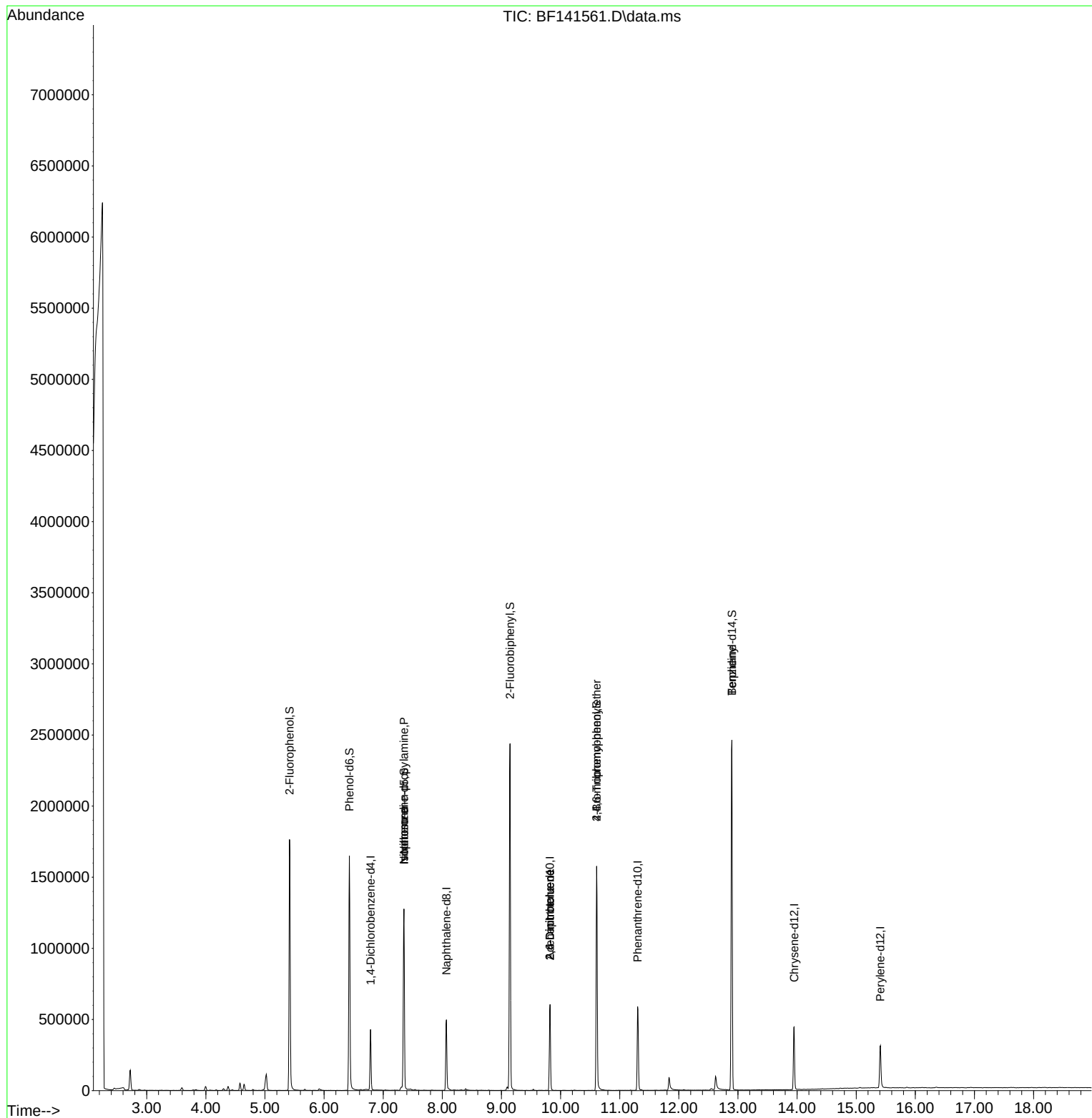
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.787  | 152  | 84496    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.069  | 136  | 336635   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.822  | 164  | 187957   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 320799   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.951 | 240  | 233421   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.409 | 264  | 185042   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 656433   | 121.795 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 755253   | 110.870 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 581056   | 90.029  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 260958   | 138.211 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 1090844  | 89.414  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.898 | 244  | 1270397  | 91.879  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 79409    | 19.488  | ng    | # 74     |
| 25) Isophorone                | 7.351  | 82   | 566197   | 55.019  | ng    | # 66     |
| 51) 2,6-Dinitrotoluene        | 9.822  | 165  | 23649    | 8.478   | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.822  | 165  | 23649    | 6.369   | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.610 | 248  | 17566    | 4.899   | ng    | # 1      |
| 77) Benzidine                 | 12.898 | 184  | 16771    | 3.258   | ng    | # 90     |
| -----                         |        |      |          |         |       |          |

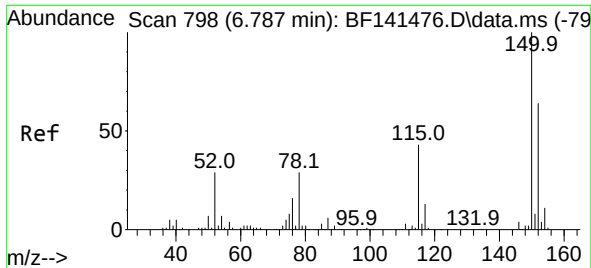
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021125\  
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Sample : Q1309-08  
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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  
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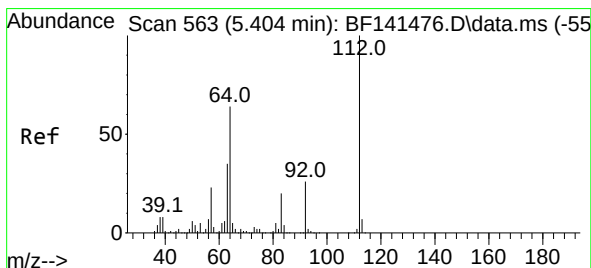
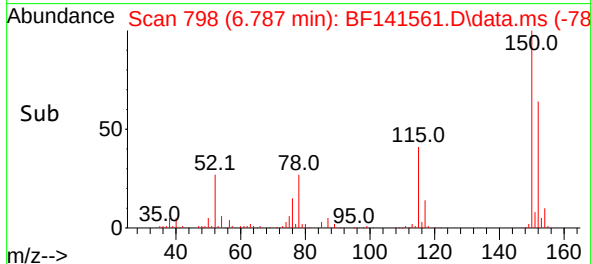
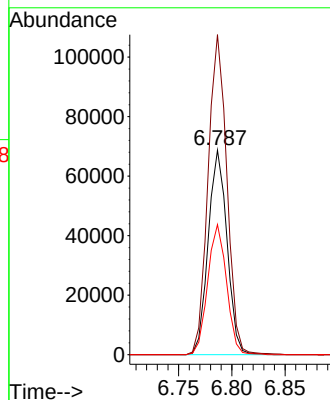
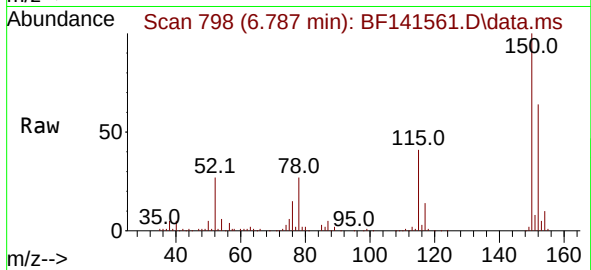




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 798  
 Delta R.T. -0.005 min  
 Lab File: BF141561.D  
 Acq: 11 Feb 2025 14:56

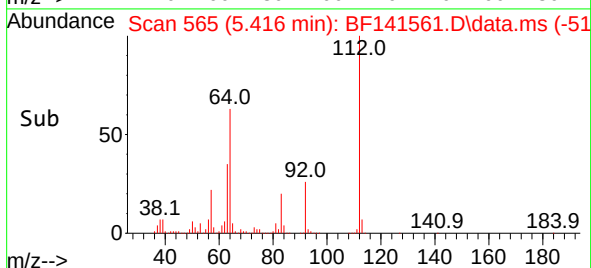
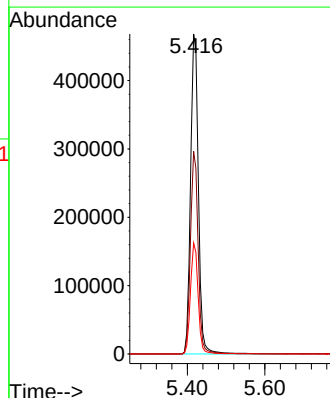
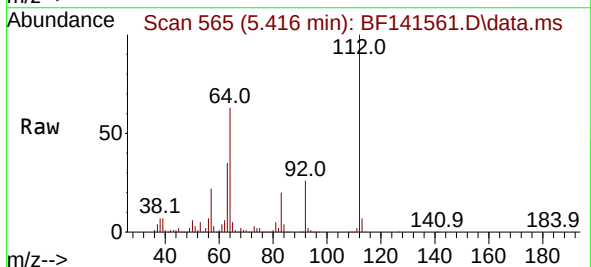
Instrument :  
 BNA\_F  
 ClientSampleId :  
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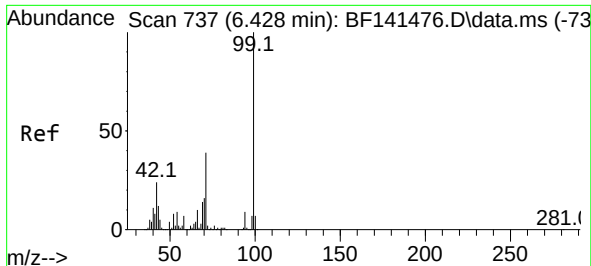
Tgt Ion:152 Resp: 84496  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 125.0 187.4  
 115 63.6 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 121.795 ng  
 RT: 5.416 min Scan# 565  
 Delta R.T. 0.006 min  
 Lab File: BF141561.D  
 Acq: 11 Feb 2025 14:56

Tgt Ion:112 Resp: 656433  
 Ion Ratio Lower Upper  
 112 100  
 64 63.3 51.1 76.7  
 63 34.7 28.4 42.6





#7  
Phenol-d6  
Concen: 110.870 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

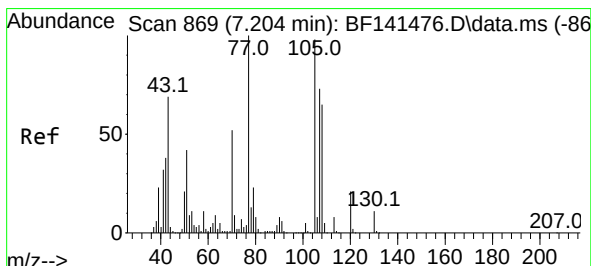
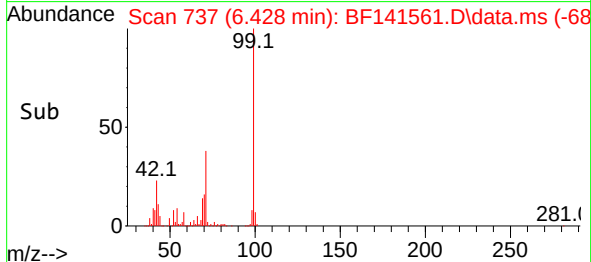
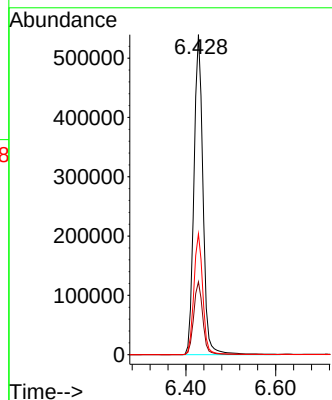
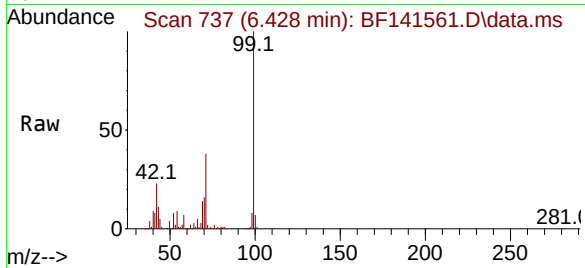
Instrument :

BNA\_F

ClientSampleId :

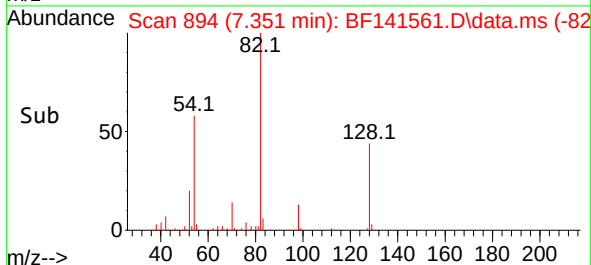
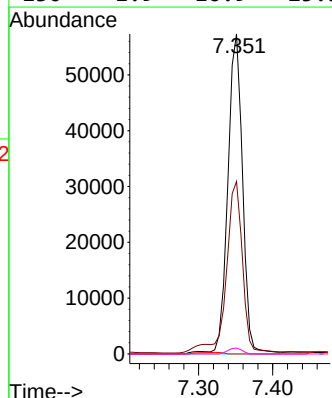
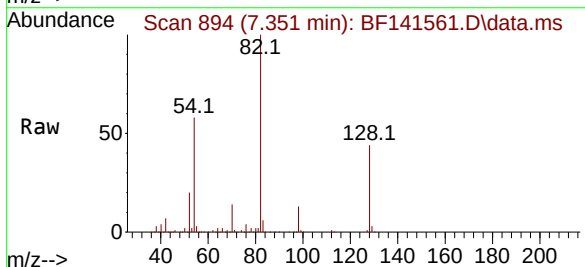
WC-3

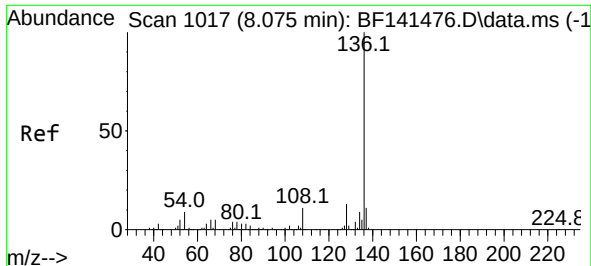
Tgt Ion: 99 Resp: 755253  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.1 28.7  
71 37.7 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.488 ng  
RT: 7.351 min Scan# 894  
Delta R.T. 0.135 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

Tgt Ion: 70 Resp: 79409  
Ion Ratio Lower Upper  
70 100  
42 53.9 57.4 86.2#  
101 0.0 8.0 12.0#  
130 1.9 16.9 25.3#

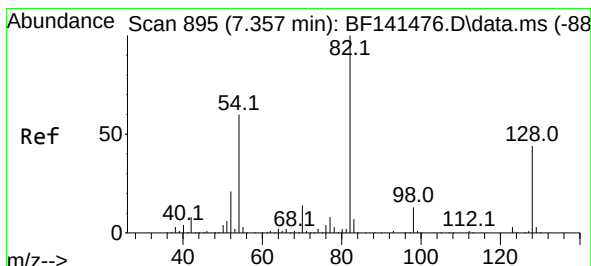
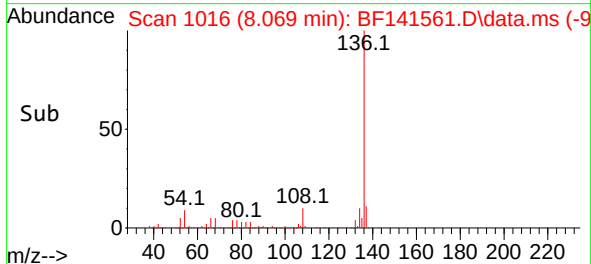
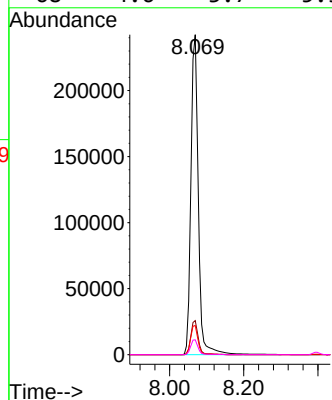
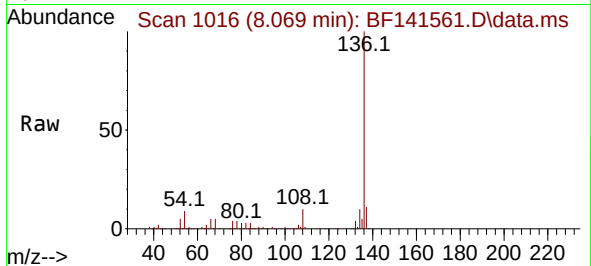




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

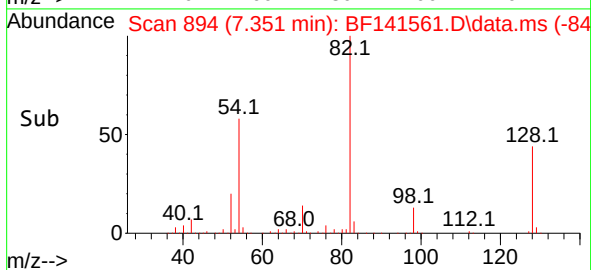
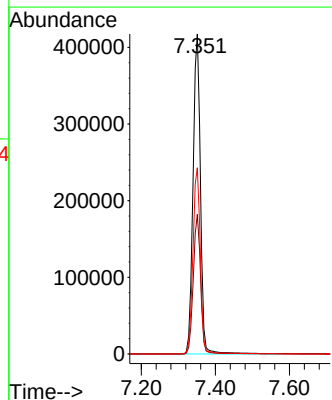
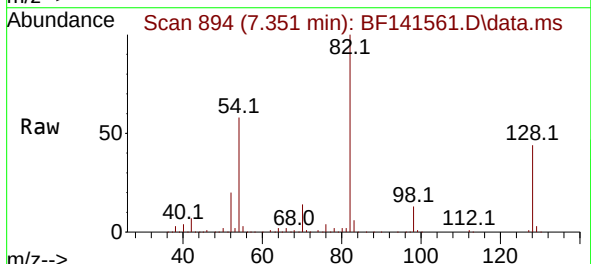
Instrument :  
BNA\_F  
ClientSampleId :  
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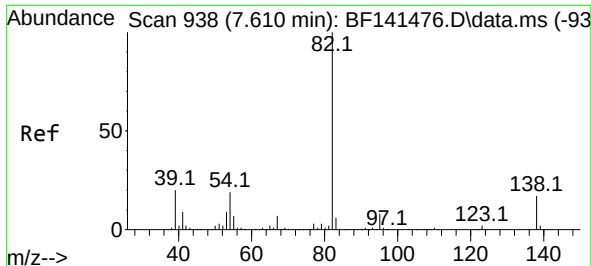
Tgt Ion:136 Resp: 336635  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 9.1 7.2 10.8  
68 4.6 3.7 5.5



#23  
Nitrobenzene-d5  
Concen: 90.029 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

Tgt Ion: 82 Resp: 581056  
Ion Ratio Lower Upper  
82 100  
128 43.6 34.8 52.2  
54 58.2 48.2 72.4

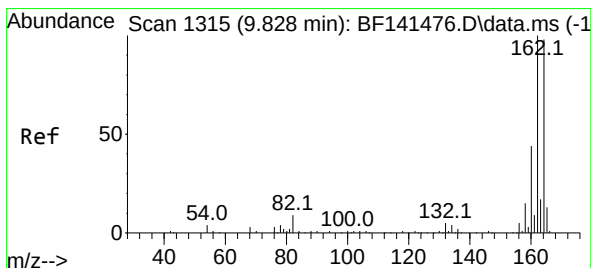
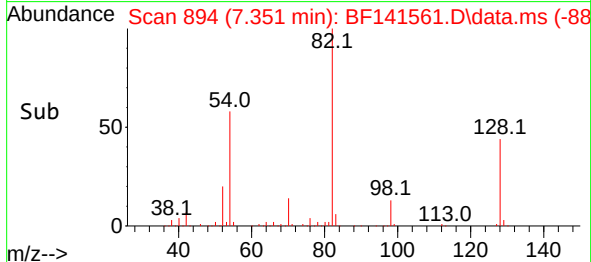
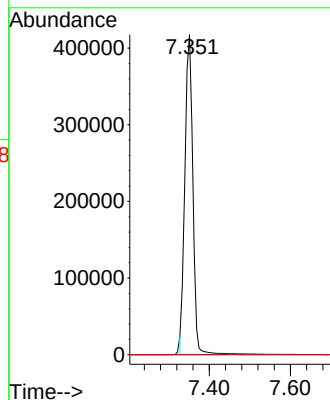
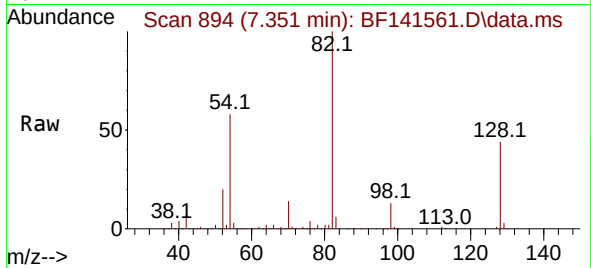




#25  
Isophorone  
Concen: 55.019 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.271 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

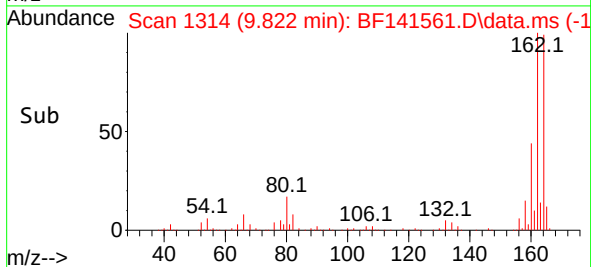
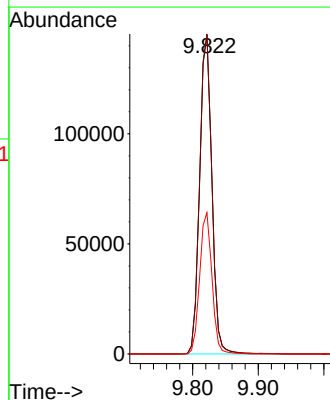
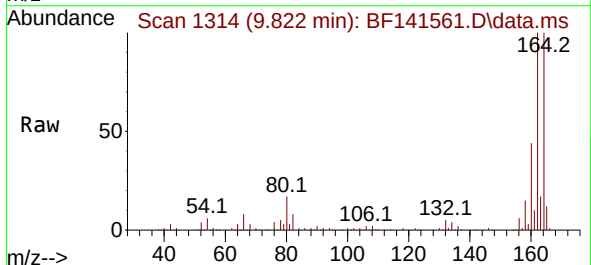
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3

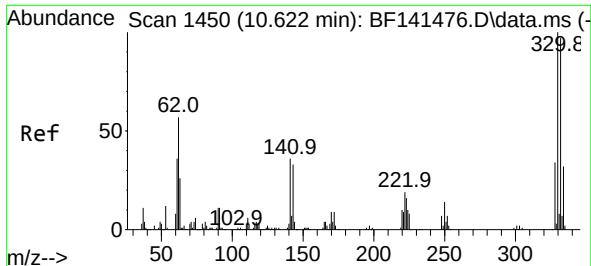
Tgt Ion: 82 Resp: 566197  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.9 20.9#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1314  
Delta R.T. -0.012 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

Tgt Ion:164 Resp: 187957  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.3 121.9  
160 44.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.211 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

Instrument :

BNA\_F

ClientSampleId :

WC-3

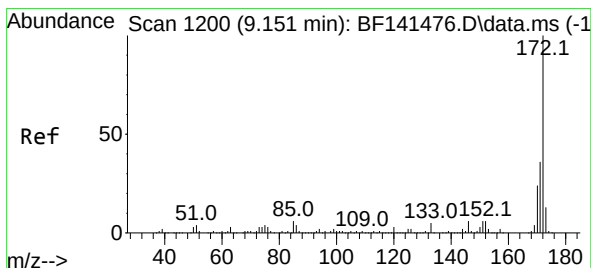
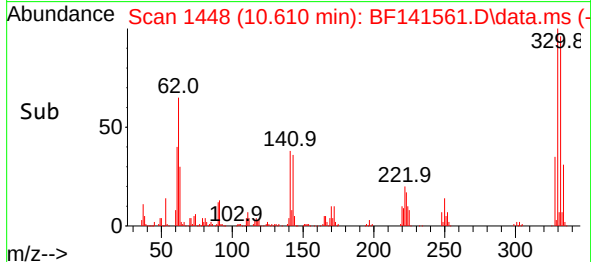
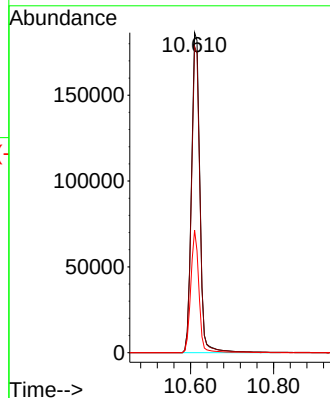
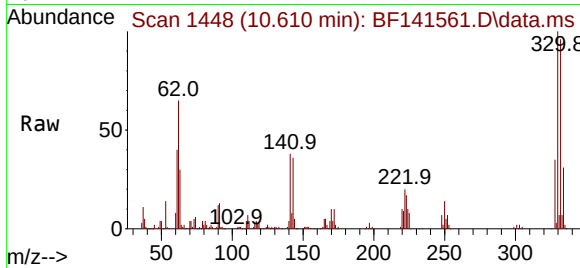
Tgt Ion:330 Resp: 260958

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 37.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 89.414 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

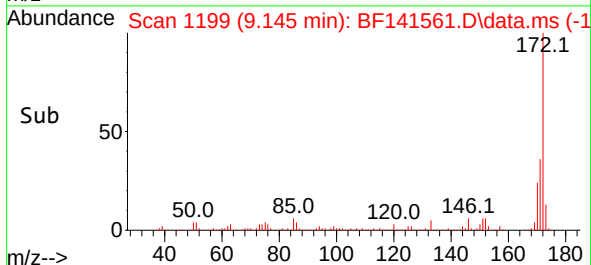
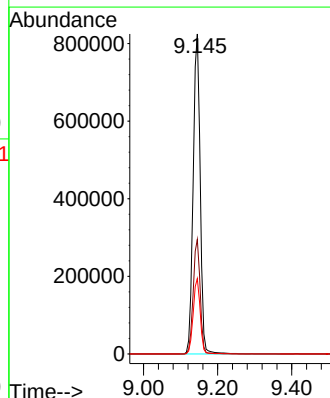
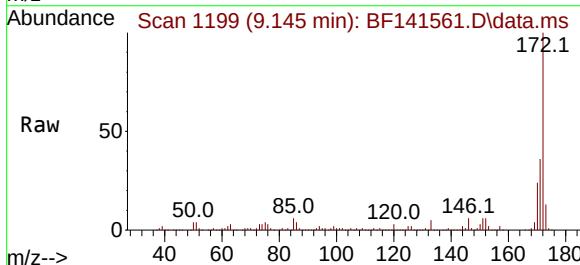
Tgt Ion:172 Resp: 1090844

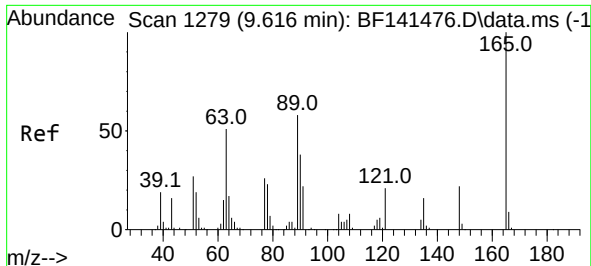
Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.5 18.9 28.3

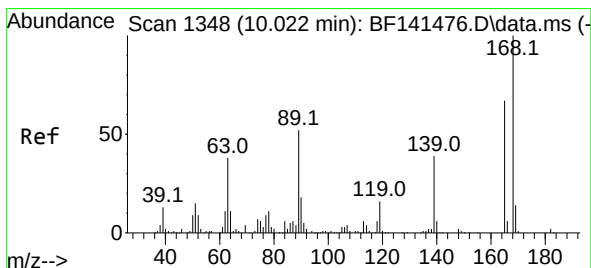
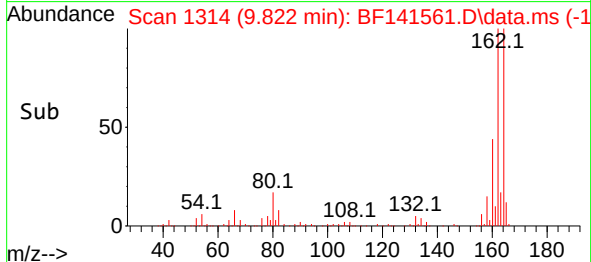
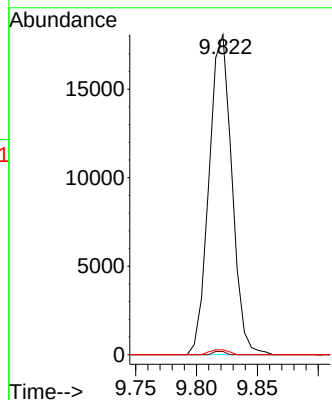
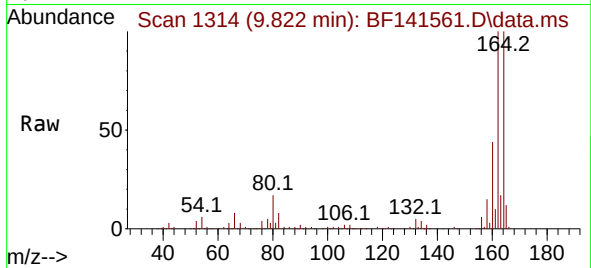




#51  
2,6-Dinitrotoluene  
Concen: 8.478 ng  
RT: 9.822 min Scan# 11  
Delta R.T. 0.200 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

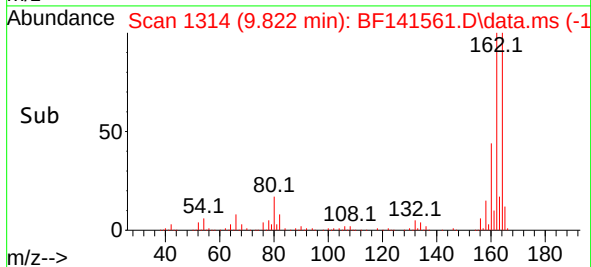
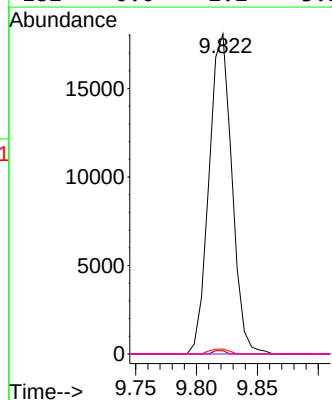
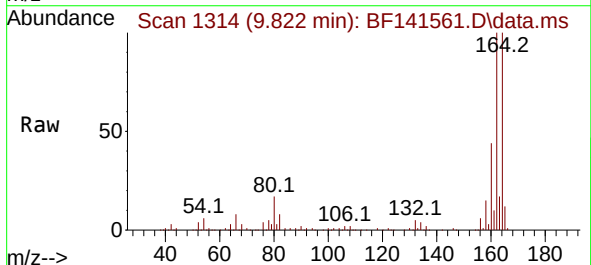
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:165 Resp: 23649  
Ion Ratio Lower Upper  
165 100  
63 1.0 49.4 74.0#  
89 1.5 46.5 69.7#

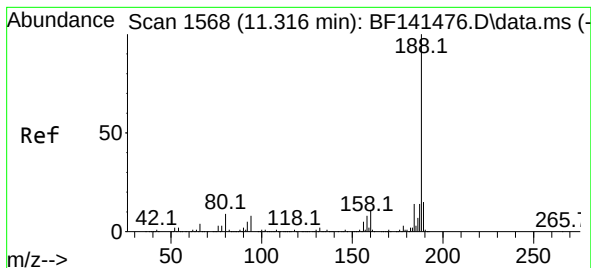


#57  
2,4-Dinitrotoluene  
Concen: 6.369 ng  
RT: 9.822 min Scan# 1314  
Delta R.T. -0.206 min  
Lab File: BF141561.D  
Acq: 11 Feb 2025 14:56

Tgt Ion:165 Resp: 23649  
Ion Ratio Lower Upper  
165 100  
63 1.0 46.4 69.6#  
89 1.5 61.8 92.6#  
182 0.0 2.2 3.2#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

Instrument :

BNA\_F

ClientSampleId :

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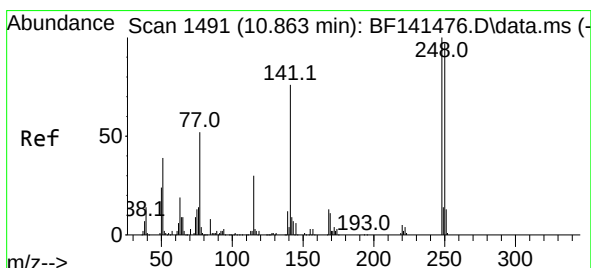
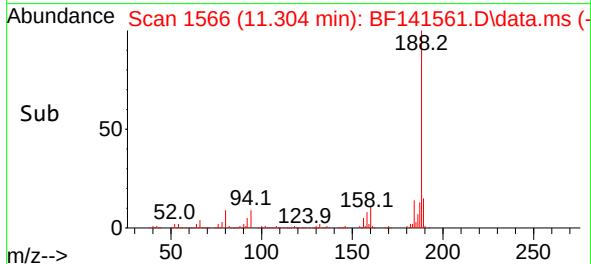
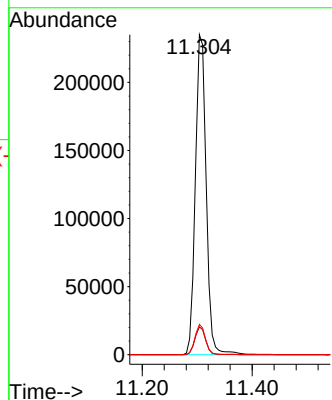
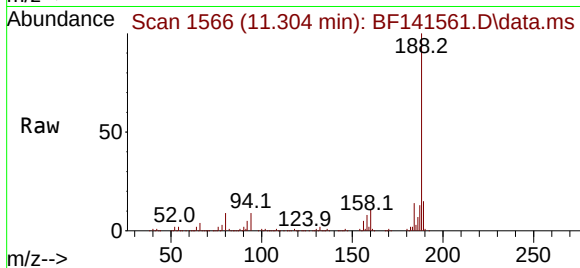
Tgt Ion:188 Resp: 320799

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.899 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

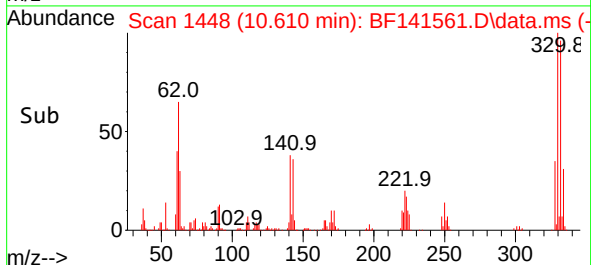
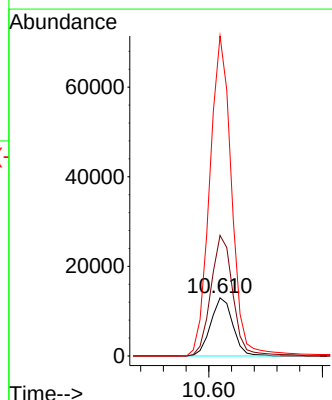
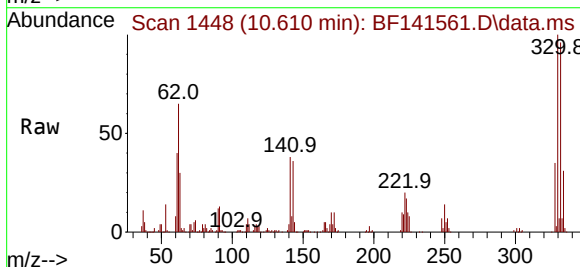
Tgt Ion:248 Resp: 17566

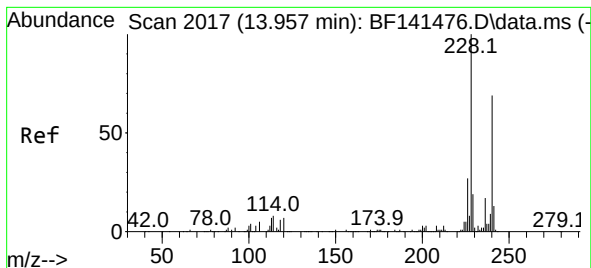
Ion Ratio Lower Upper

248 100

250 207.4 77.8 116.6#

141 550.6 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

Instrument :

BNA\_F

ClientSampleId :

WC-3

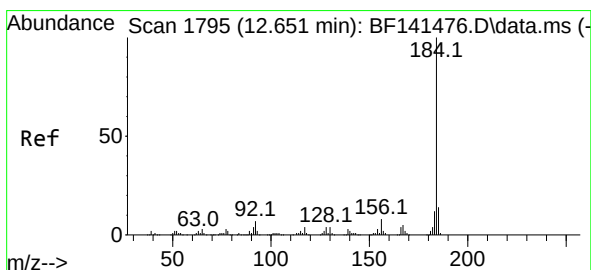
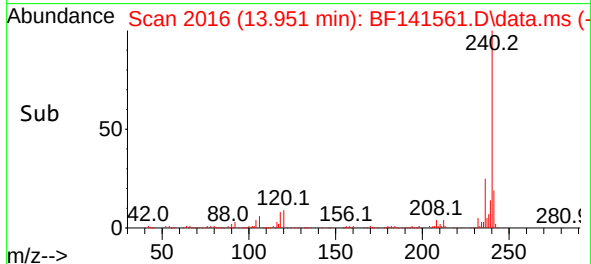
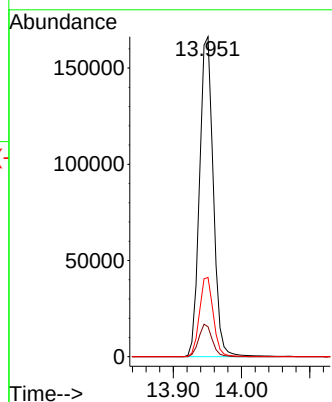
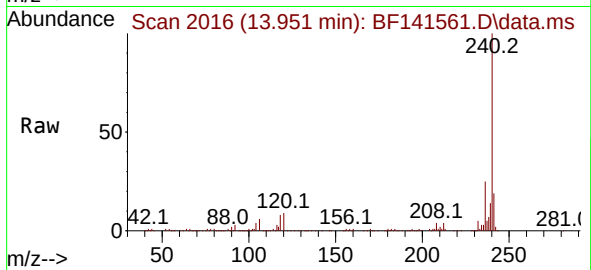
Tgt Ion:240 Resp: 233421

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

236 24.8 19.8 29.8



#77

Benzidine

Concen: 3.258 ng

RT: 12.898 min Scan# 1837

Delta R.T. 0.241 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

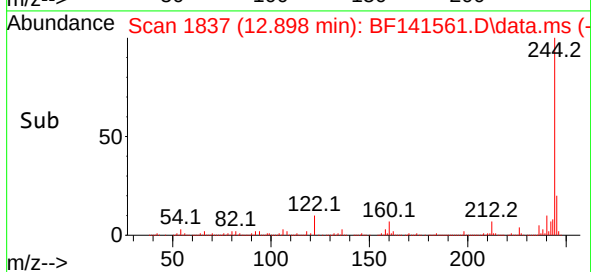
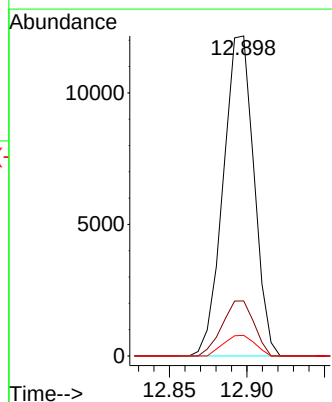
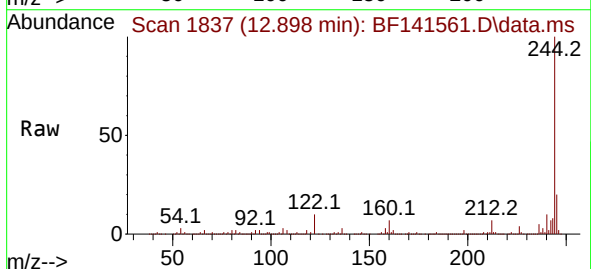
Tgt Ion:184 Resp: 16771

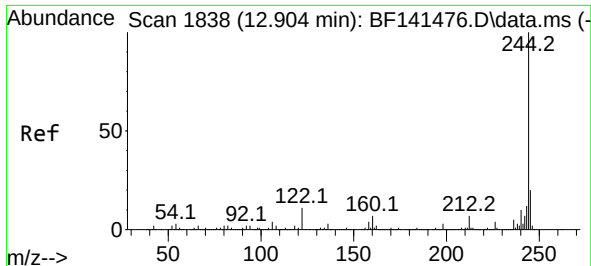
Ion Ratio Lower Upper

184 100

185 17.2 11.3 16.9#

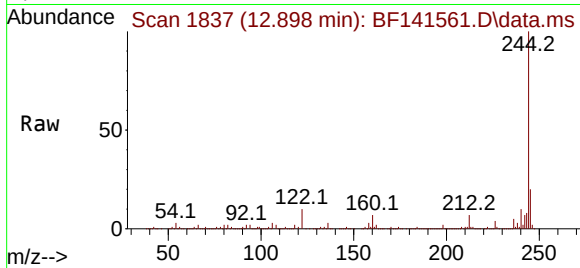
183 6.5 9.3 13.9#





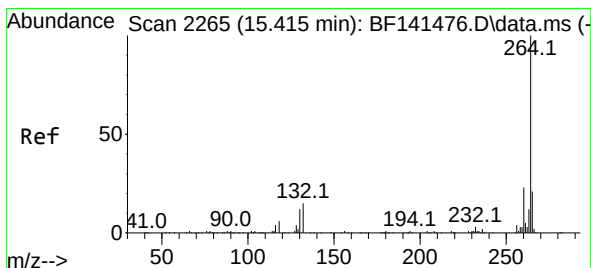
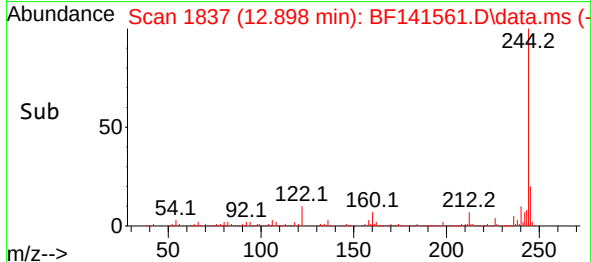
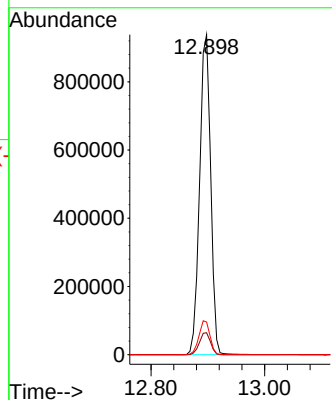
#79  
 Terphenyl-d14  
 Concen: 91.879 ng  
 RT: 12.898 min Scan# 1837  
 Delta R.T. -0.006 min  
 Lab File: BF141561.D  
 Acq: 11 Feb 2025 14:56

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3



Tgt Ion:244 Resp: 1270397  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.6   | 8.4   |
| 122 | 10.2  | 8.4   | 12.6  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.409 min Scan# 2264  
 Delta R.T. -0.006 min  
 Lab File: BF141561.D  
 Acq: 11 Feb 2025 14:56

Tgt Ion:264 Resp: 185042  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.6  | 28.0  |
| 265 | 21.1  | 17.0  | 25.4  |

