

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030525\  
 Data File : BF141849.D  
 Acq On : 05 Mar 2025 17:50  
 Operator : RC/JU  
 Sample : Q1480-33  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-WATER-SAMPLE

Quant Time: Mar 06 00:12:53 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

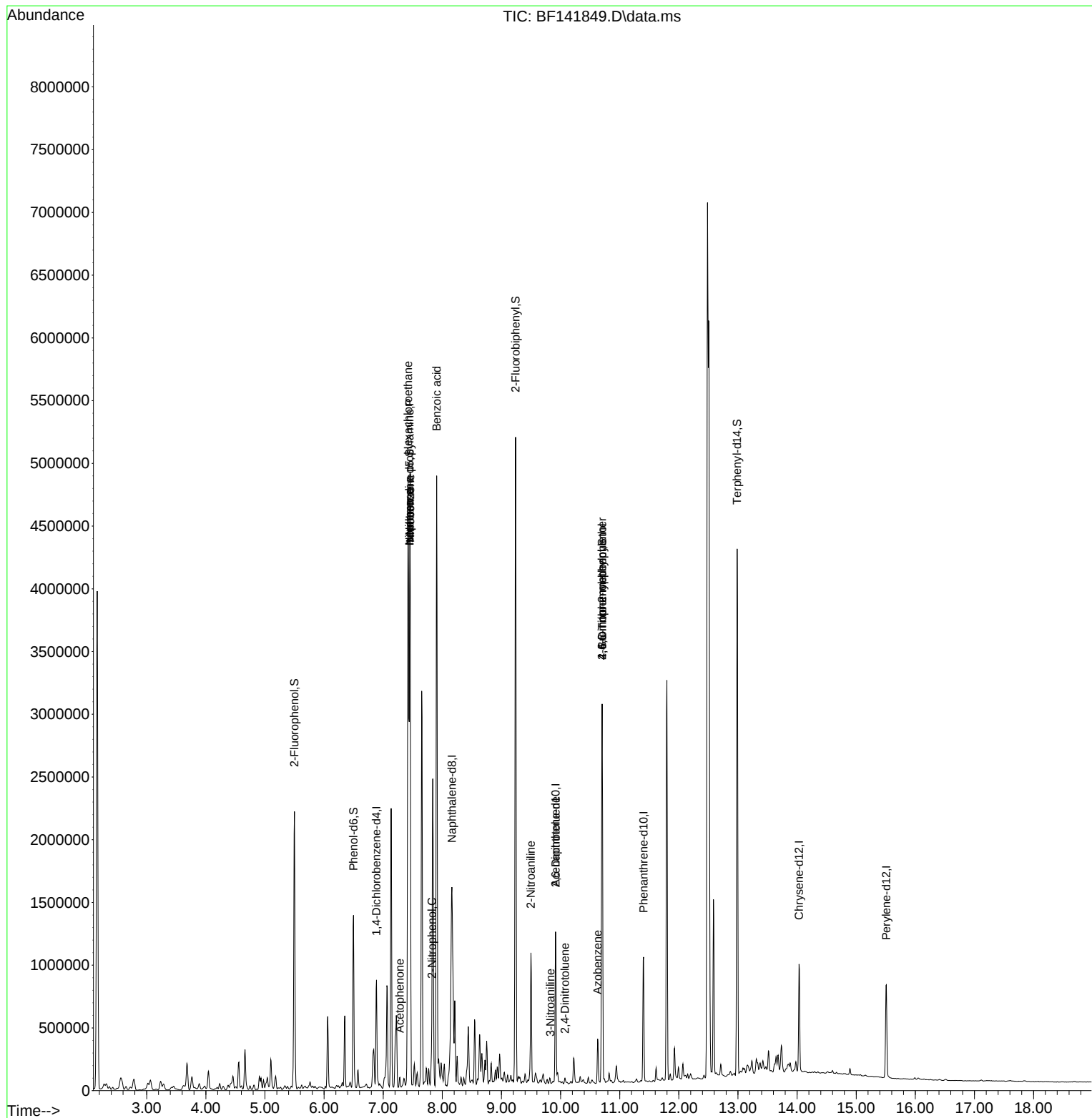
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 177954   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.163  | 136  | 665396   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.916  | 164  | 336291   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.404 | 188  | 512833   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 412337   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.509 | 264  | 438433   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 786748   | 70.604  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.498  | 99   | 623372   | 42.980  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 1254060  | 120.469 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 488319   | 154.670 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 2203223  | 105.050 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 2035437  | 79.866  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 18) Hexachloroethane          | 7.422  | 117  | 468332   | 96.199  | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 176778   | 18.541  | ng    | # 81     |
| 22) Acetophenone              | 7.281  | 105  | 44017    | 2.716   | ng    | # 59     |
| 24) Nitrobenzene              | 7.457  | 77   | 61303    | 5.499   | ng    | # 1      |
| 25) Isophorone                | 7.445  | 82   | 1251280  | 55.951  | ng    | # 66     |
| 26) 2-Nitrophenol             | 7.822  | 139  | 428      | 4.628   | ng    | # 1      |
| 32) Benzoic acid              | 7.904  | 122  | 1000     | 7.813   | ng    | # 1      |
| 48) 2-Nitroaniline            | 9.498  | 65   | 5337     | 5.278   | ng    | # 29     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 45431    | 12.752  | ng    | # 24     |
| 53) 3-Nitroaniline            | 9.828  | 138  | 173      | 3.002   | ng    | # 44     |
| 57) 2,4-Dinitrotoluene        | 10.075 | 165  | 1479     | 3.785   | ng    | # 18     |
| 63) Azobenzene                | 10.627 | 77   | 87744    | 3.691   | ng    | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 10.704 | 198  | 1373     | 8.598   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 34283    | 5.723   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

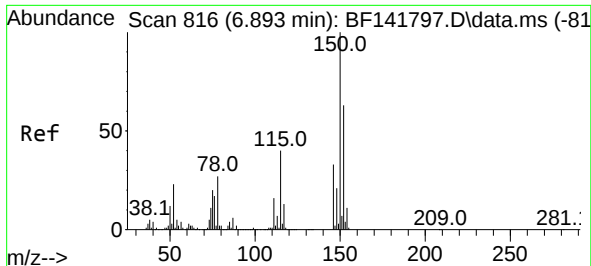
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030525\  
Data File : BF141849.D  
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Sample : Q1480-33  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

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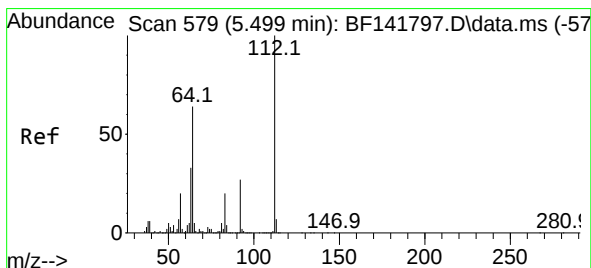
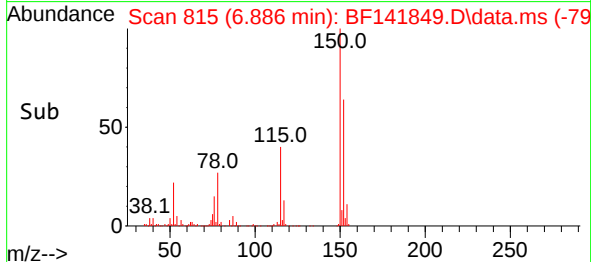
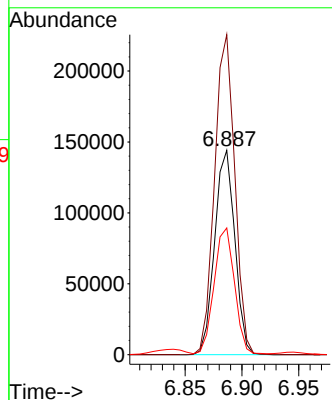
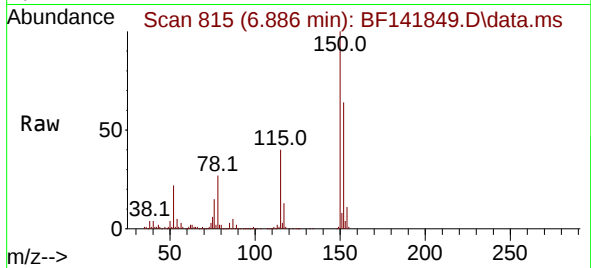




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 816  
 Delta R.T. -0.006 min  
 Lab File: BF141849.D  
 Acq: 05 Mar 2025 17:50

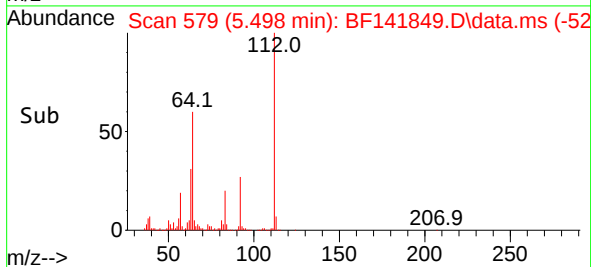
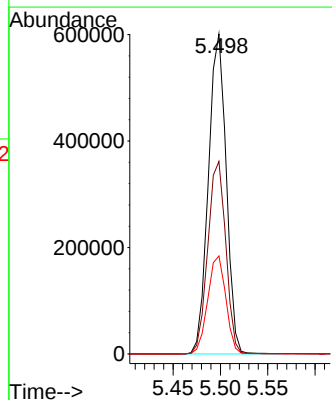
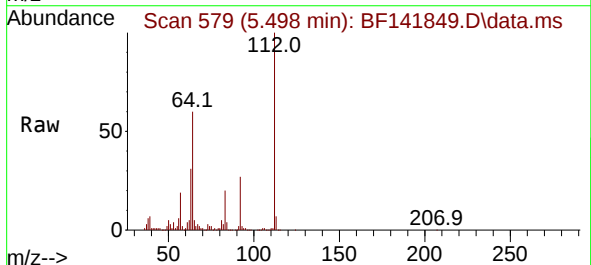
Instrument :  
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 ClientSampleId :  
 TP-3-WATER-SAMPLE

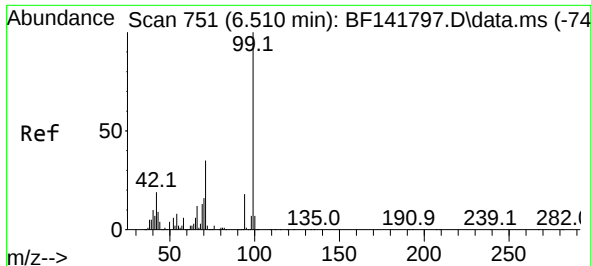
Tgt Ion:152 Resp: 177954  
 Ion Ratio Lower Upper  
 152 100  
 150 156.6 127.5 191.3  
 115 62.1 51.4 77.2



#5  
 2-Fluorophenol  
 Concen: 70.604 ng  
 RT: 5.498 min Scan# 579  
 Delta R.T. -0.000 min  
 Lab File: BF141849.D  
 Acq: 05 Mar 2025 17:50

Tgt Ion:112 Resp: 786748  
 Ion Ratio Lower Upper  
 112 100  
 64 60.2 51.3 76.9  
 63 30.6 26.2 39.4

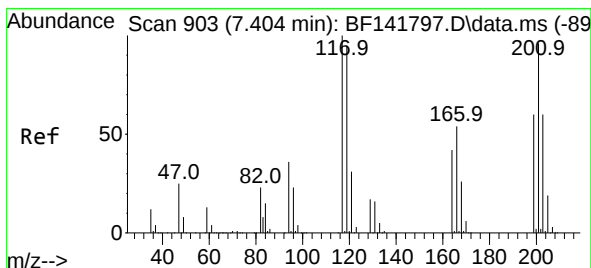
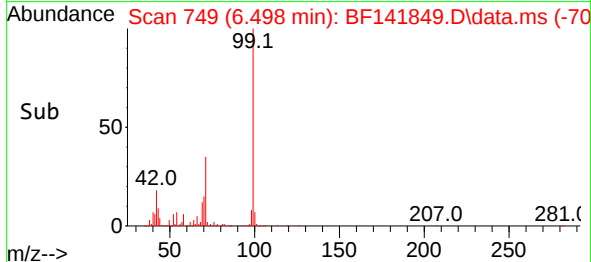
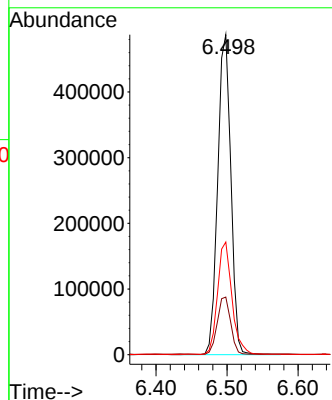
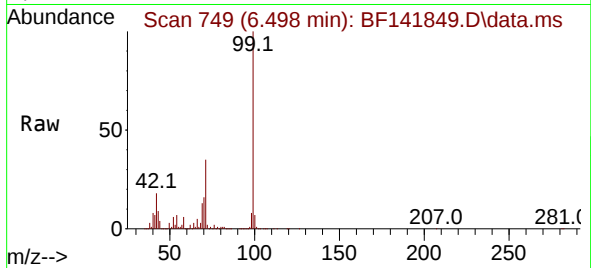




#7  
Phenol-d6  
Concen: 42.980 ng  
RT: 6.498 min Scan# 749  
Delta R.T. -0.012 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

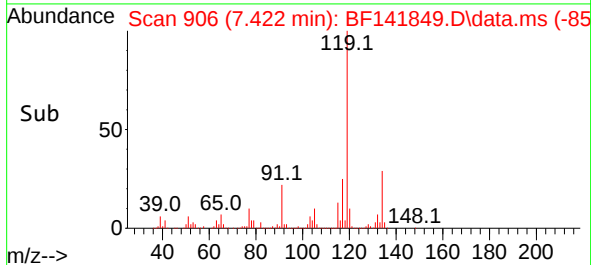
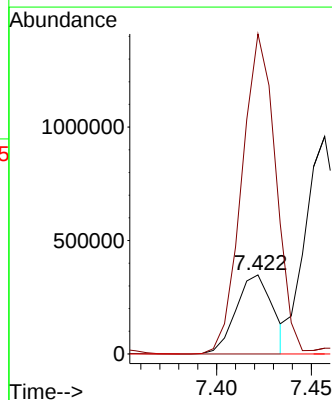
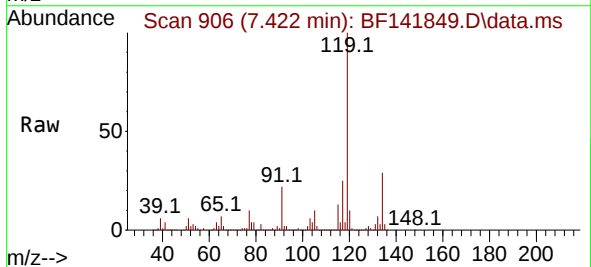
Instrument :  
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ClientSampleId :  
TP-3-WATER-SAMPLE

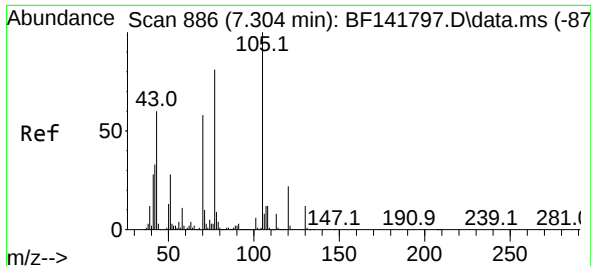
Tgt Ion: 99 Resp: 623372  
Ion Ratio Lower Upper  
99 100  
42 18.0 15.2 22.8  
71 35.2 28.2 42.2



#18  
Hexachloroethane  
Concen: 96.199 ng  
RT: 7.422 min Scan# 906  
Delta R.T. 0.017 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion: 117 Resp: 468332  
Ion Ratio Lower Upper  
117 100  
119 404.6 75.8 113.8#  
201 0.0 76.7 115.1#

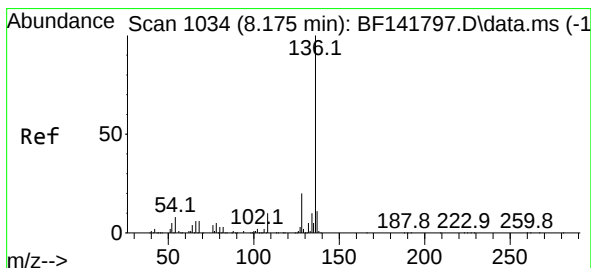
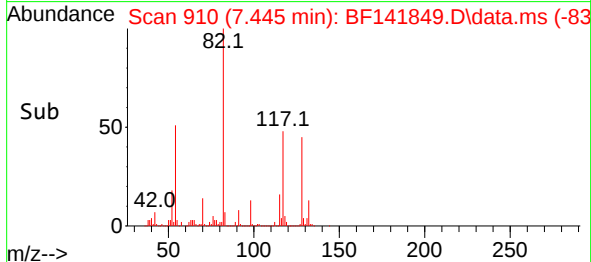
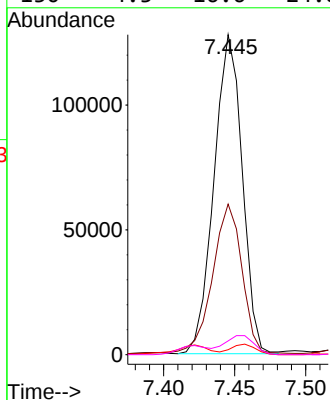
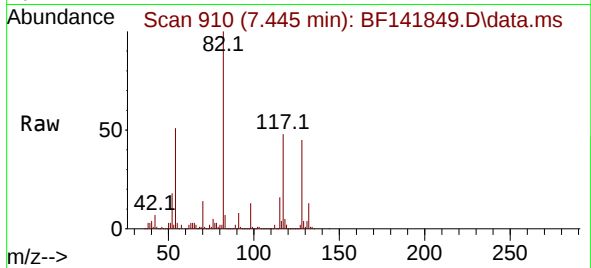




#19  
n-Nitroso-di-n-propylamine  
Concen: 18.541 ng  
RT: 7.445 min Scan# 91  
Delta R.T. 0.141 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

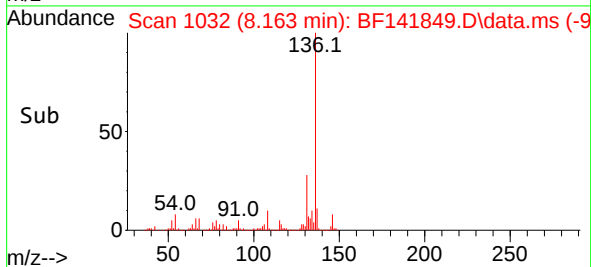
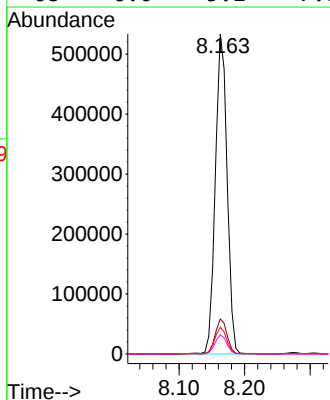
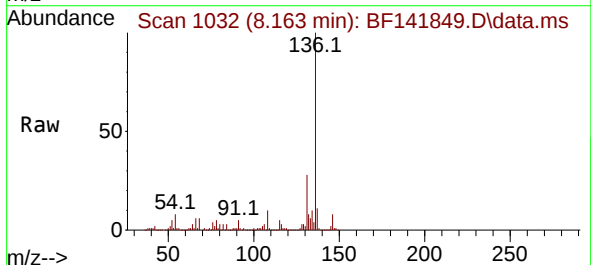
Instrument :  
BNA\_F  
ClientSampleId :  
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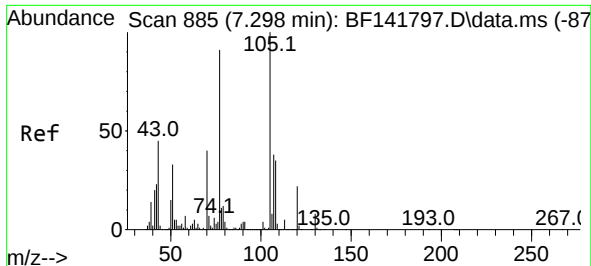
Tgt Ion: 70 Resp: 176778  
Ion Ratio Lower Upper  
70 100  
42 47.1 45.4 68.0  
101 1.6 7.8 11.8#  
130 4.3 16.6 24.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion:136 Resp: 665396  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 8.4 6.9 10.3  
68 6.0 5.1 7.7

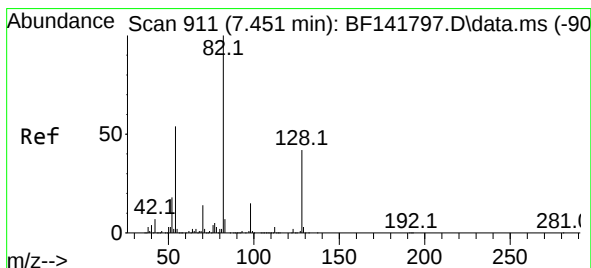
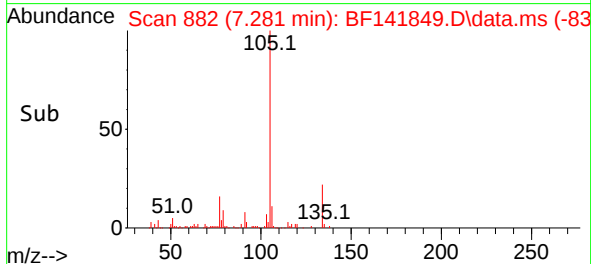
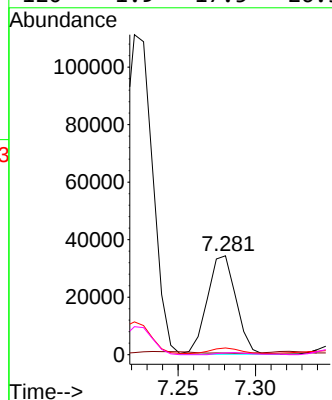
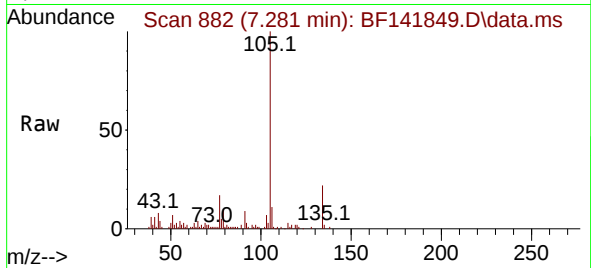




#22  
Acetophenone  
Concen: 2.716 ng  
RT: 7.281 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

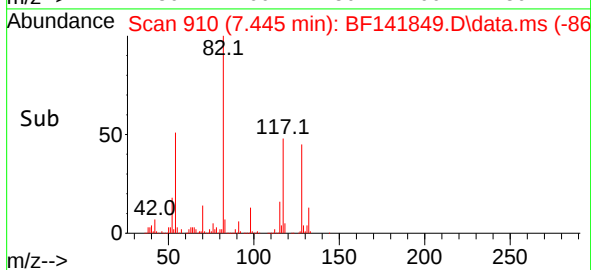
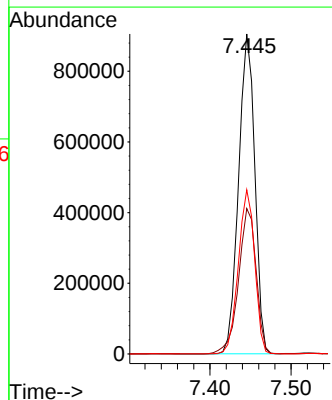
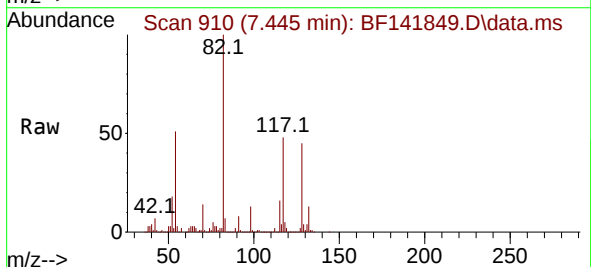
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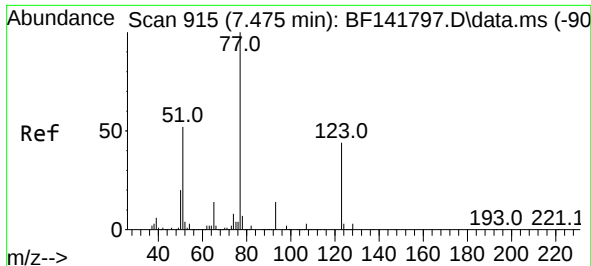
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 44017 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.7   | 5.4   | 8.0#  |
| 51        | 6.8   | 26.1  | 39.1# |
| 120       | 1.9   | 17.5  | 26.3# |



#23  
Nitrobenzene-d5  
Concen: 120.469 ng  
RT: 7.445 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 82    | Resp: | 1254060 |
| Ion Ratio | Lower | Upper |         |
| 82        | 100   |       |         |
| 128       | 45.4  | 33.5  | 50.3    |
| 54        | 51.3  | 42.7  | 64.1    |

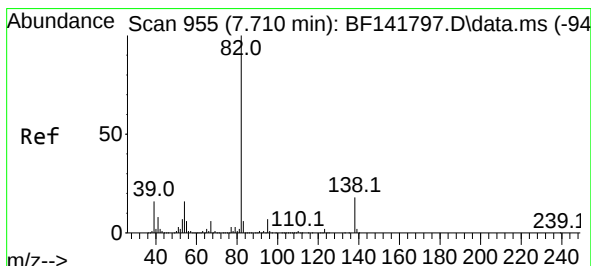
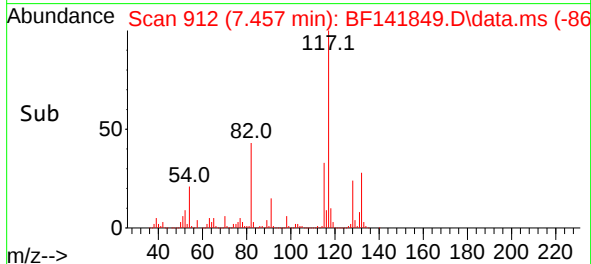
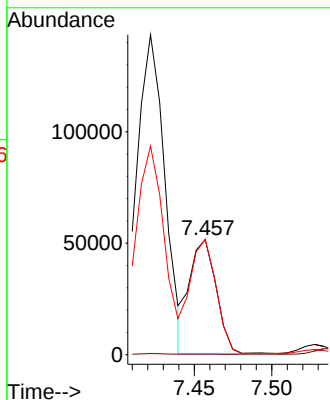
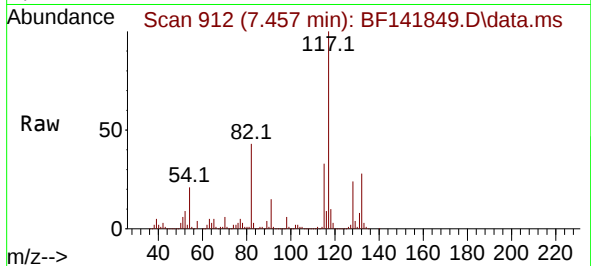




#24  
Nitrobenzene  
Concen: 5.499 ng  
RT: 7.457 min Scan# 910  
Delta R.T. -0.018 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

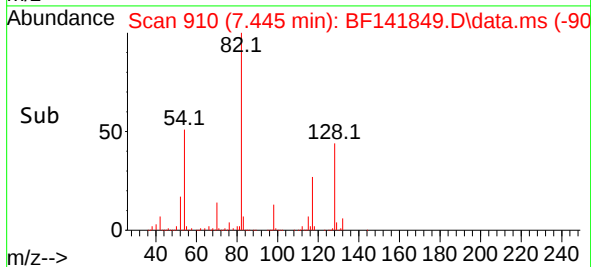
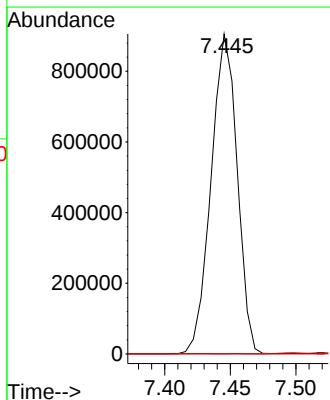
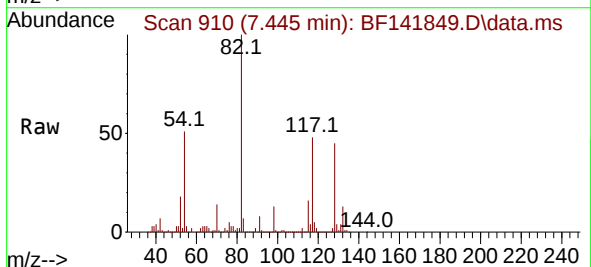
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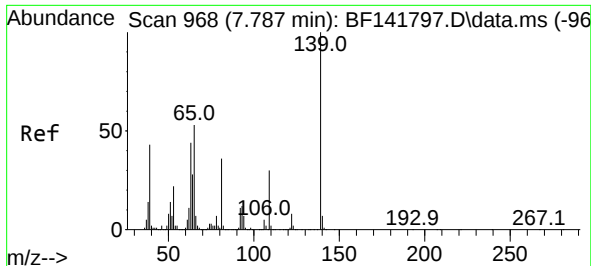
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Ion Ratio Lower Upper  
77 100  
123 0.5 35.8 53.8#  
65 100.3 11.2 16.8#



#25  
Isophorone  
Concen: 55.951 ng  
RT: 7.445 min Scan# 910  
Delta R.T. -0.265 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion: 82 Resp: 1251280  
Ion Ratio Lower Upper  
82 100  
95 0.1 5.8 8.8#  
138 0.0 14.0 21.0#

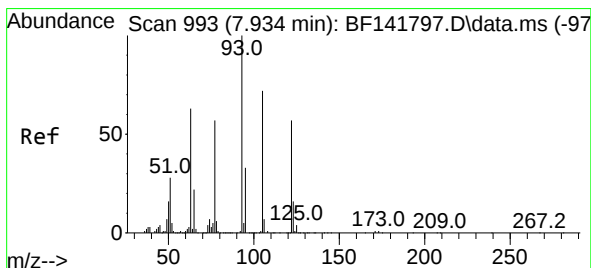
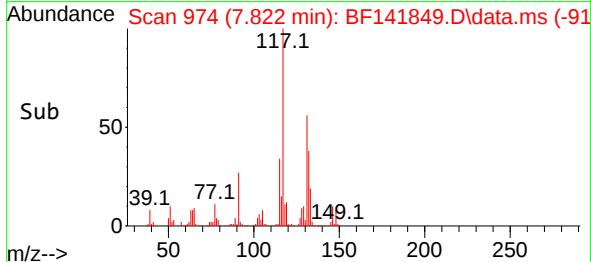
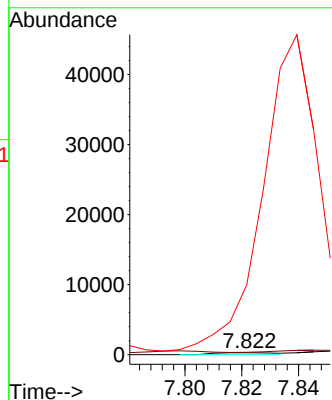
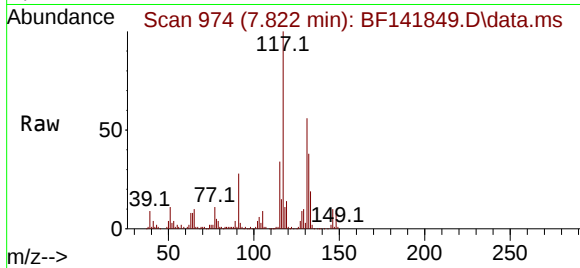




#26  
2-Nitrophenol  
Concen: 4.628 ng  
RT: 7.822 min Scan# 91  
Delta R.T. 0.035 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

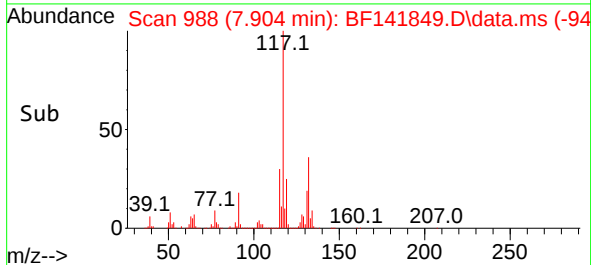
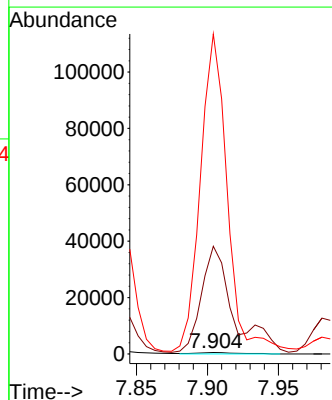
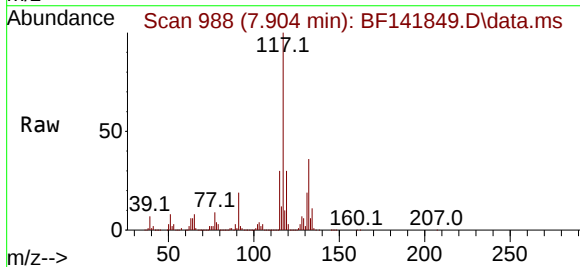
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WATER-SAMPLE

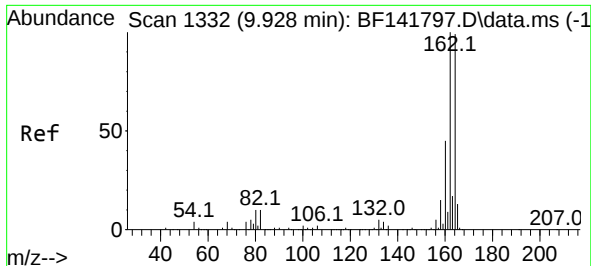
Tgt Ion:139 Resp: 428  
Ion Ratio Lower Upper  
139 100  
109 119.9 24.1 36.1#  
65 3488.5 42.3 63.5#



#32  
Benzoic acid  
Concen: 7.813 ng  
RT: 7.904 min Scan# 988  
Delta R.T. -0.030 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion:122 Resp: 1000  
Ion Ratio Lower Upper  
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105 7584.1 105.8 145.8#  
77 22522.2 79.9 119.9#

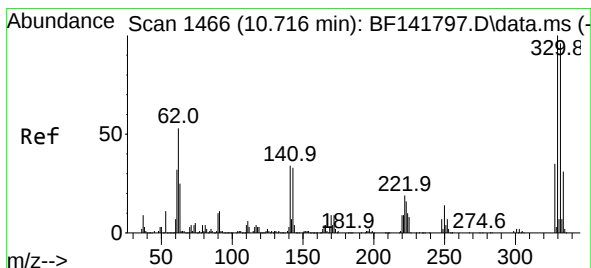
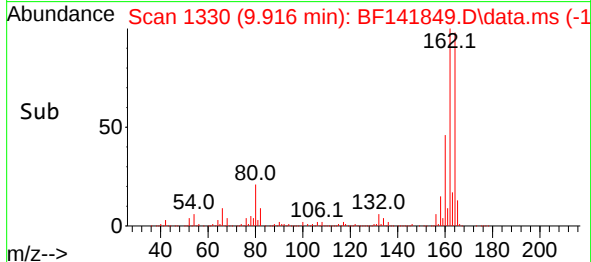
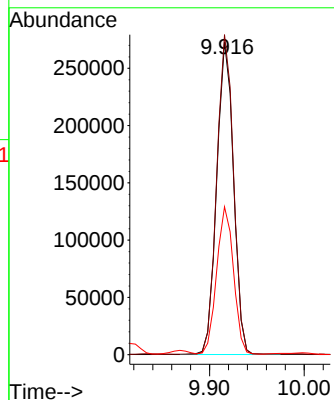
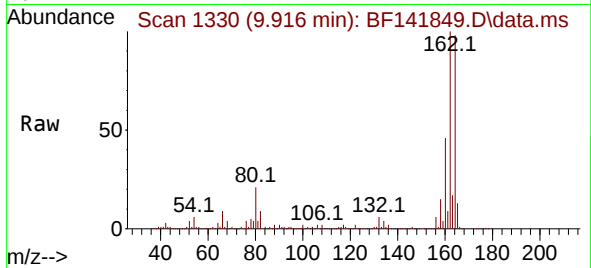




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

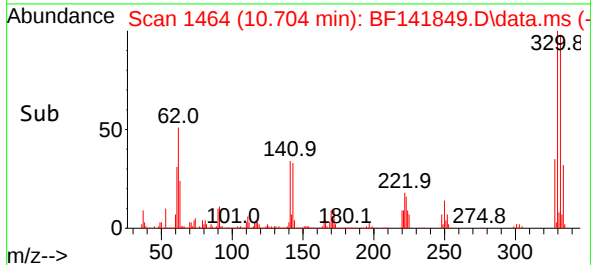
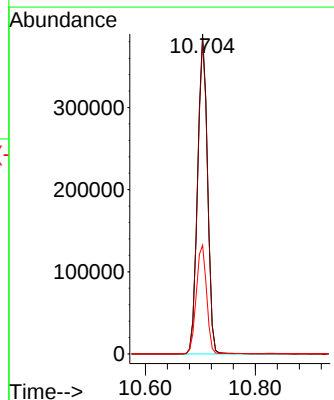
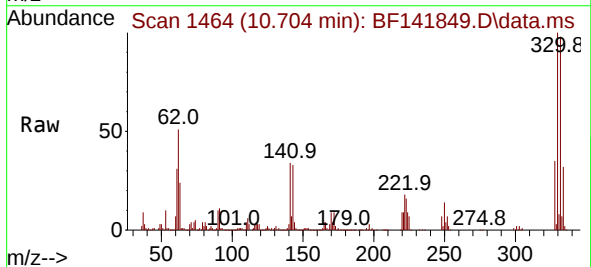
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WATER-SAMPLE

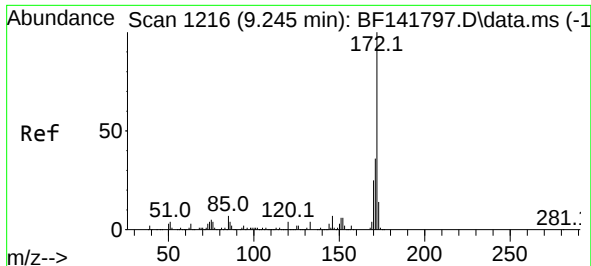
Tgt Ion:164 Resp: 336291  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.6 120.8  
160 47.3 36.3 54.5



#42  
2,4,6-Tribromophenol  
Concen: 154.670 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. -0.012 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion:330 Resp: 488319  
Ion Ratio Lower Upper  
330 100  
332 98.1 76.6 115.0  
141 35.1 29.0 43.4





#45

2-Fluorobiphenyl

Concen: 105.050 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141849.D

Acq: 05 Mar 2025 17:50

Instrument :

BNA\_F

ClientSampleId :

TP-3-WATER-SAMPLE

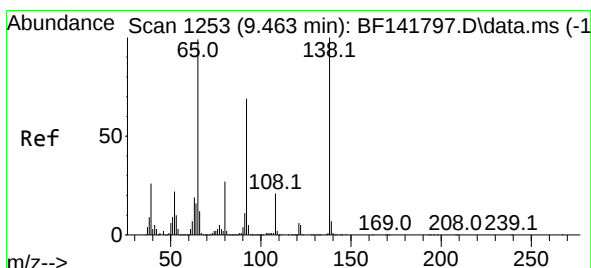
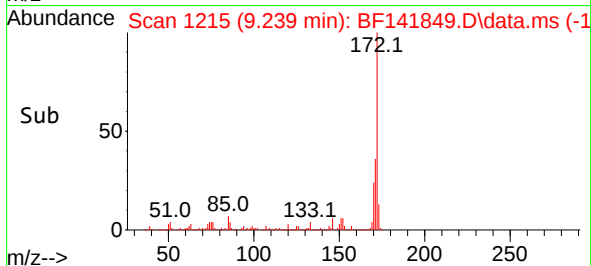
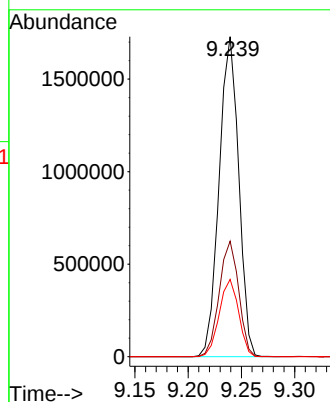
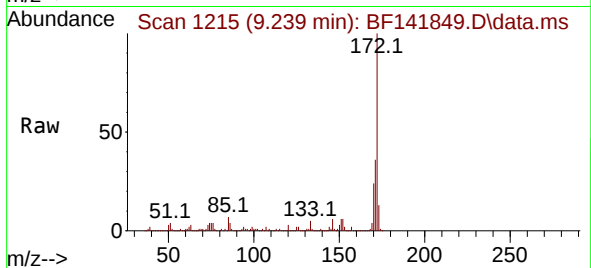
Tgt Ion:172 Resp: 2203223

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

170 24.2 19.7 29.5



#48

2-Nitroaniline

Concen: 5.278 ng

RT: 9.498 min Scan# 1259

Delta R.T. 0.035 min

Lab File: BF141849.D

Acq: 05 Mar 2025 17:50

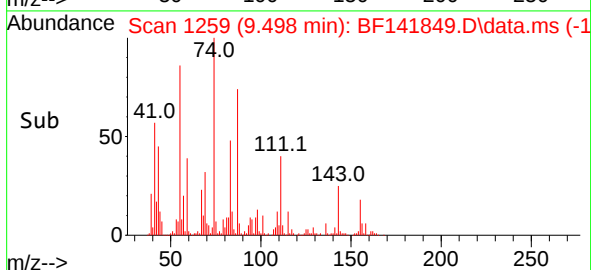
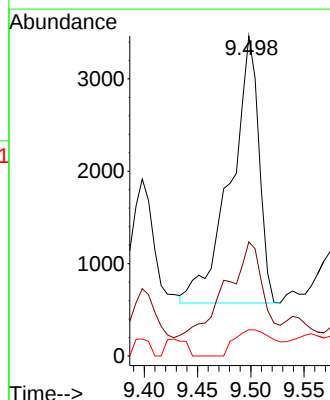
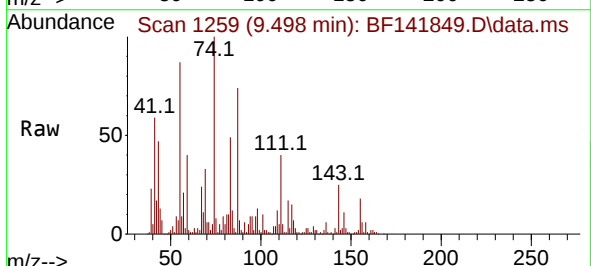
Tgt Ion: 65 Resp: 5337

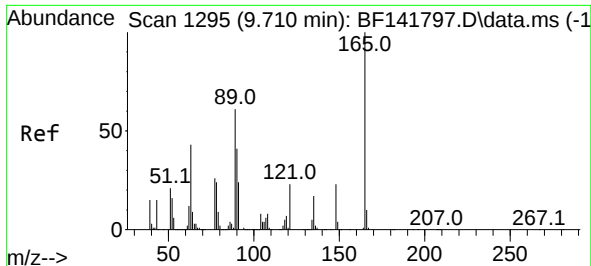
Ion Ratio Lower Upper

65 100

92 35.6 55.7 83.5#

138 8.2 80.6 121.0#

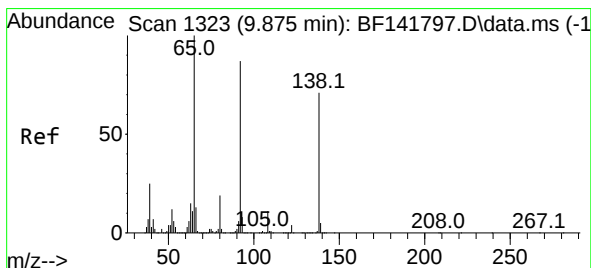
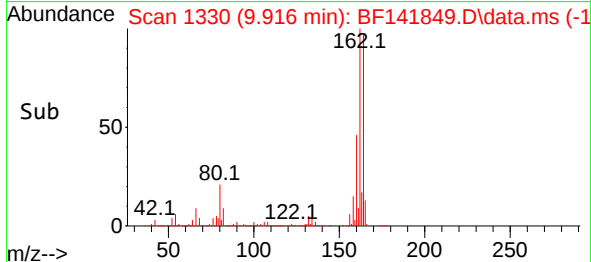
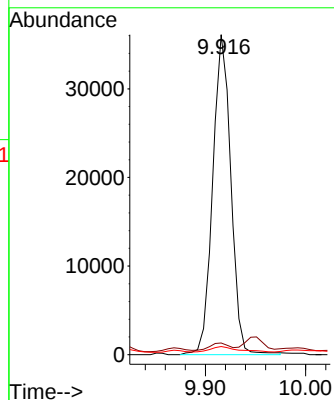
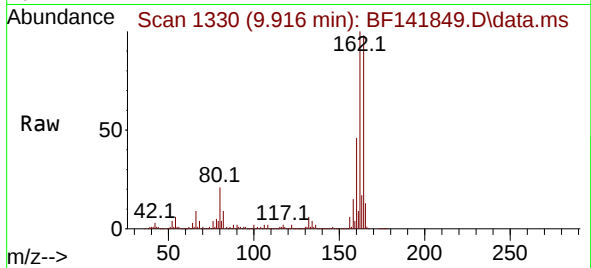




#51  
2,6-Dinitrotoluene  
Concen: 12.752 ng  
RT: 9.916 min Scan# 11  
Delta R.T. 0.206 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

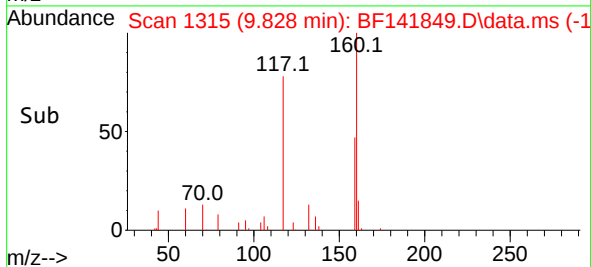
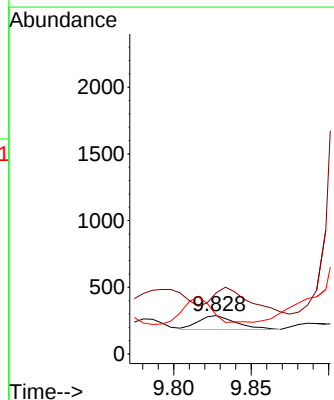
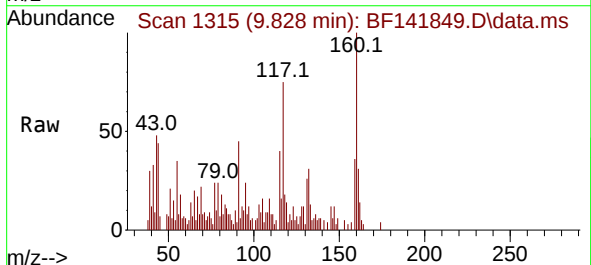
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WATER-SAMPLE

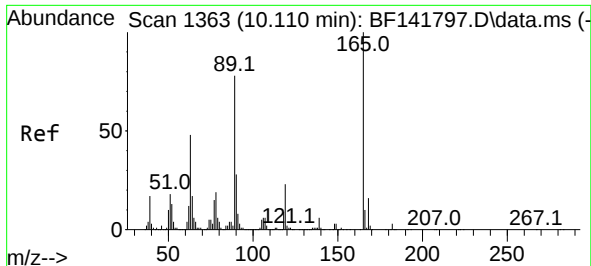
Tgt Ion:165 Resp: 45431  
Ion Ratio Lower Upper  
165 100  
63 3.7 49.5 74.3#  
89 2.5 49.0 73.4#



#53  
3-Nitroaniline  
Concen: 3.002 ng  
RT: 9.828 min Scan# 1315  
Delta R.T. -0.047 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion:138 Resp: 173  
Ion Ratio Lower Upper  
138 100  
108 159.7 12.7 19.1#  
92 100.7 97.9 146.9

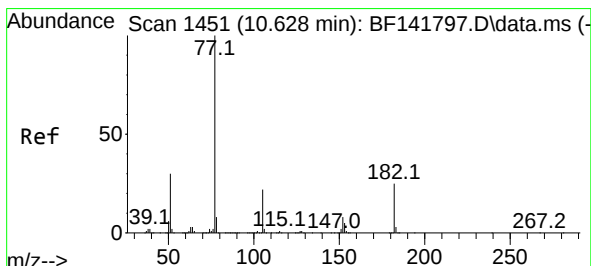
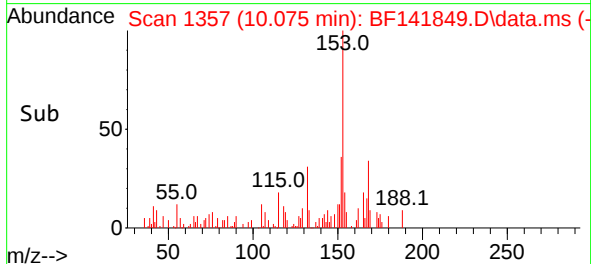
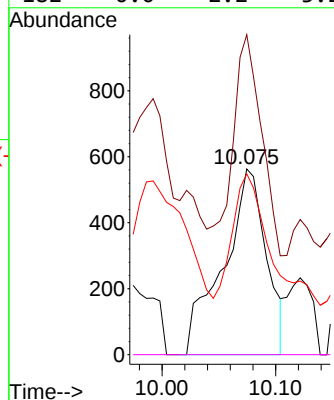
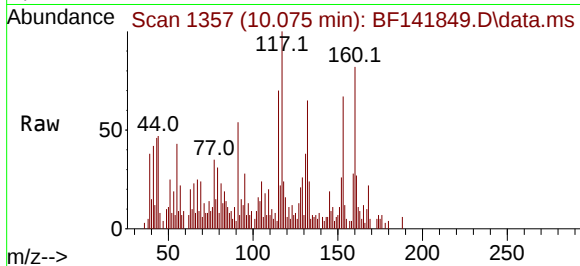




#57  
2,4-Dinitrotoluene  
Concen: 3.785 ng  
RT: 10.075 min Scan# 11  
Delta R.T. -0.035 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

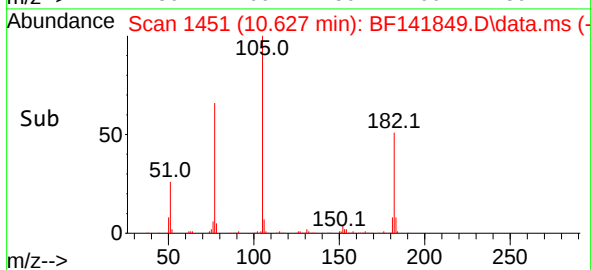
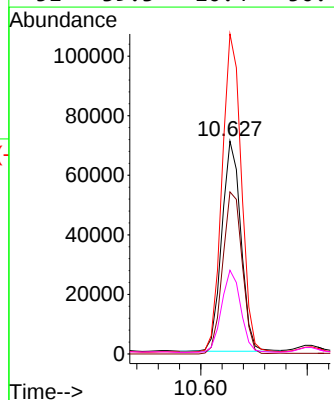
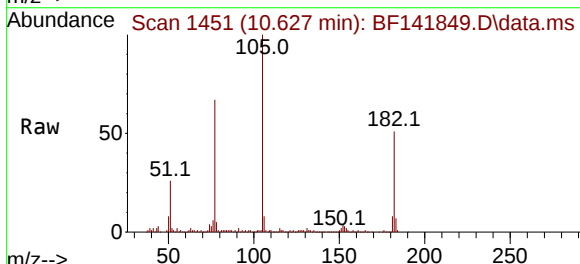
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WATER-SAMPLE

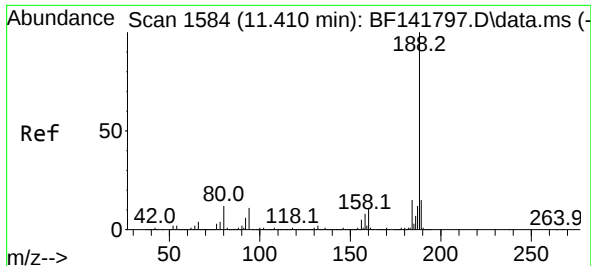
Tgt Ion:165 Resp: 1479  
Ion Ratio Lower Upper  
165 100  
63 172.3 38.8 58.2#  
89 97.3 62.6 94.0#  
182 0.0 2.2 3.2#



#63  
Azobenzene  
Concen: 3.691 ng  
RT: 10.627 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion: 77 Resp: 87744  
Ion Ratio Lower Upper  
77 100  
182 76.1 4.2 44.2#  
105 150.3 1.5 41.5#  
51 39.3 10.4 50.4

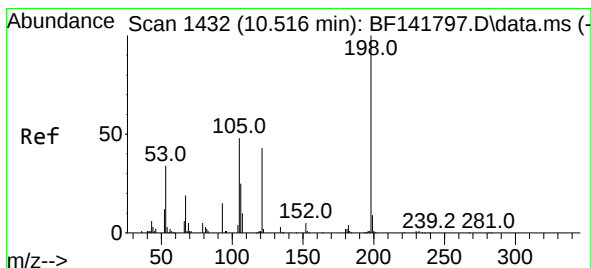
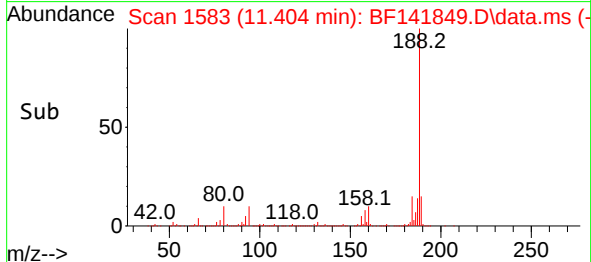
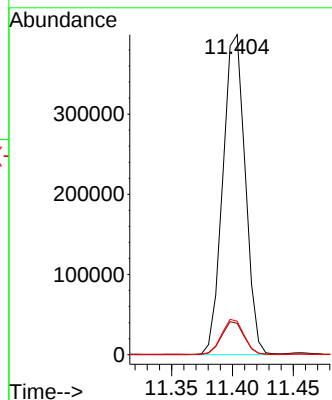
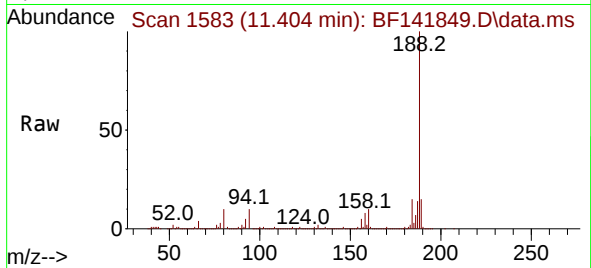




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

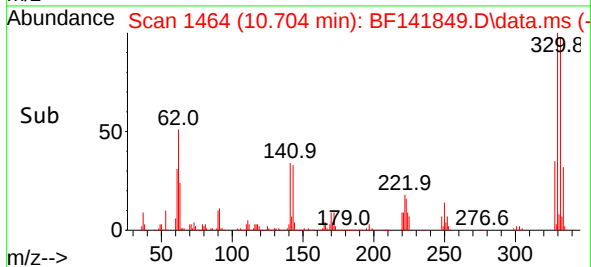
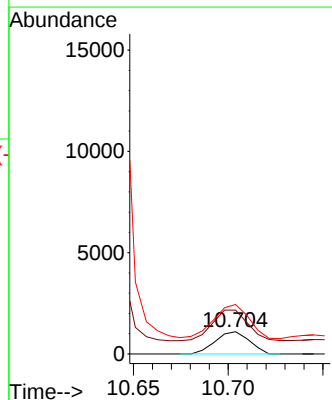
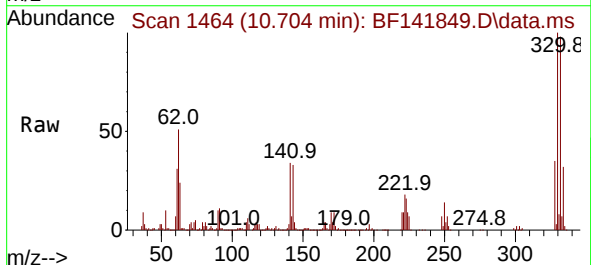
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WATER-SAMPLE

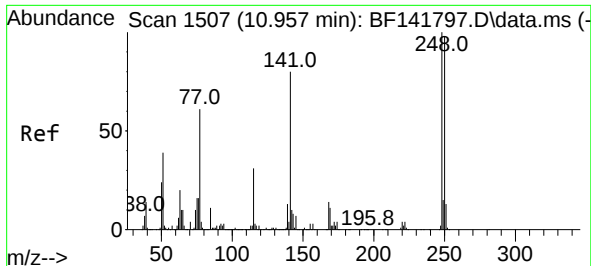
Tgt Ion:188 Resp: 512833  
Ion Ratio Lower Upper  
188 100  
94 9.8 8.9 13.3  
80 10.4 9.7 14.5



#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.598 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.188 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion:198 Resp: 1373  
Ion Ratio Lower Upper  
198 100  
51 196.6 32.1 72.1#  
105 221.5 28.5 68.5#

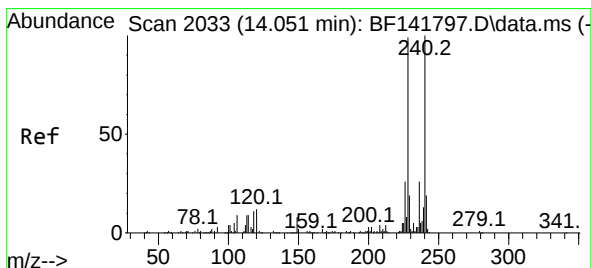
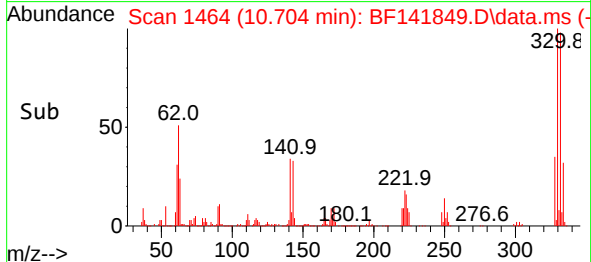
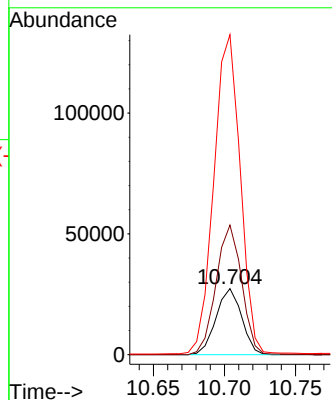
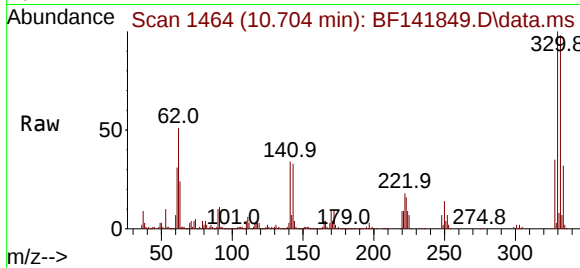




#67  
4-Bromophenyl-phenylether  
Concen: 5.723 ng  
RT: 10.704 min Scan# 141  
Delta R.T. -0.253 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

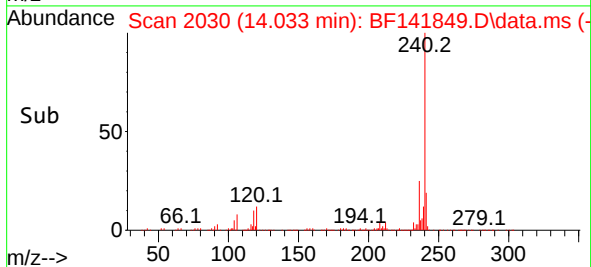
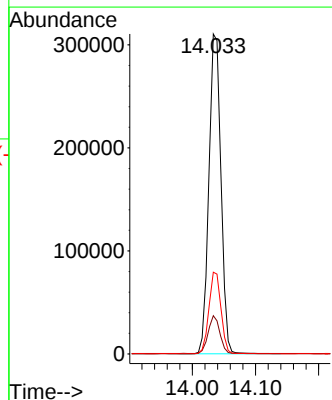
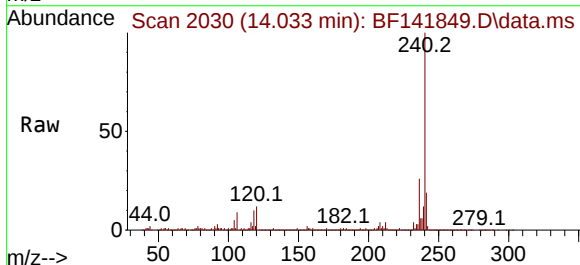
Instrument :  
BNA\_F  
ClientSampleId :  
TP-3-WATER-SAMPLE

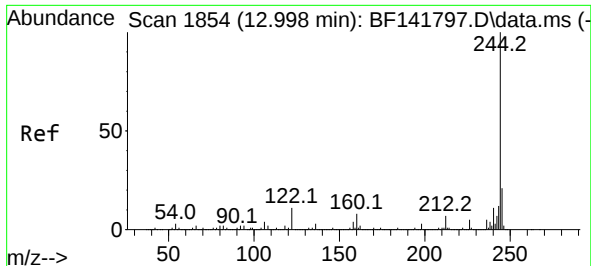
Tgt Ion:248 Resp: 34283  
Ion Ratio Lower Upper  
248 100  
250 196.3 78.1 117.1#  
141 484.5 64.3 96.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.018 min  
Lab File: BF141849.D  
Acq: 05 Mar 2025 17:50

Tgt Ion:240 Resp: 412337  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.7 14.5  
236 25.5 21.0 31.4

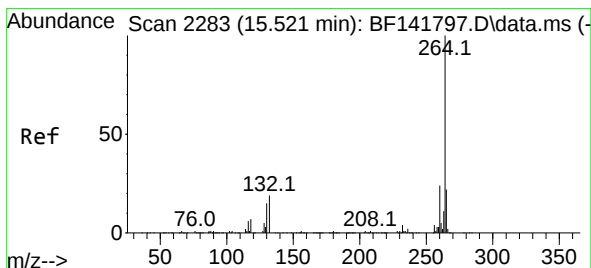
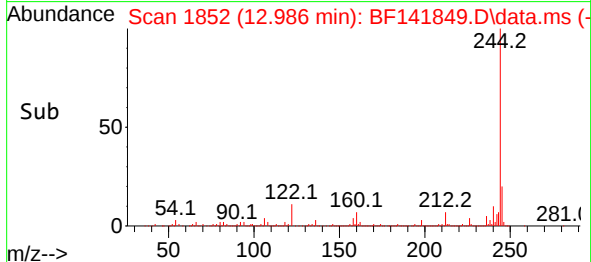
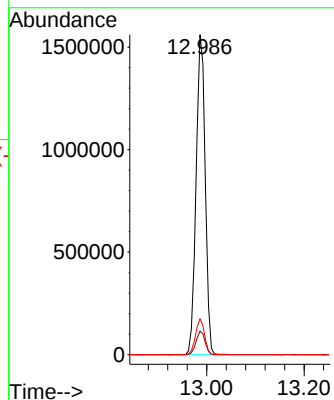
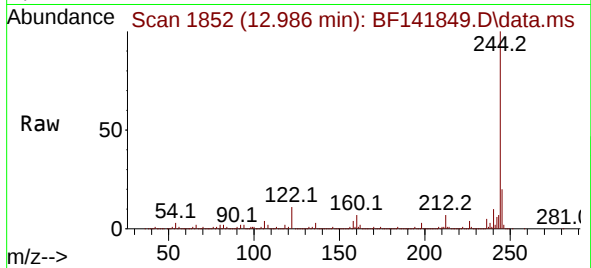




#79  
 Terphenyl-d14  
 Concen: 79.866 ng  
 RT: 12.986 min Scan# 1852  
 Delta R.T. -0.012 min  
 Lab File: BF141849.D  
 Acq: 05 Mar 2025 17:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-3-WATER-SAMPLE

Tgt Ion:244 Resp: 2035437  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 11.2 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.509 min Scan# 2281  
 Delta R.T. -0.012 min  
 Lab File: BF141849.D  
 Acq: 05 Mar 2025 17:50

Tgt Ion:264 Resp: 438433  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.9 28.3  
 265 21.8 17.4 26.0

