

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031825\  
 Data File : BF141989.D  
 Acq On : 18 Mar 2025 11:28  
 Operator : RC/JU  
 Sample : PB167133TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167133TB

Quant Time: Mar 18 11:55:41 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

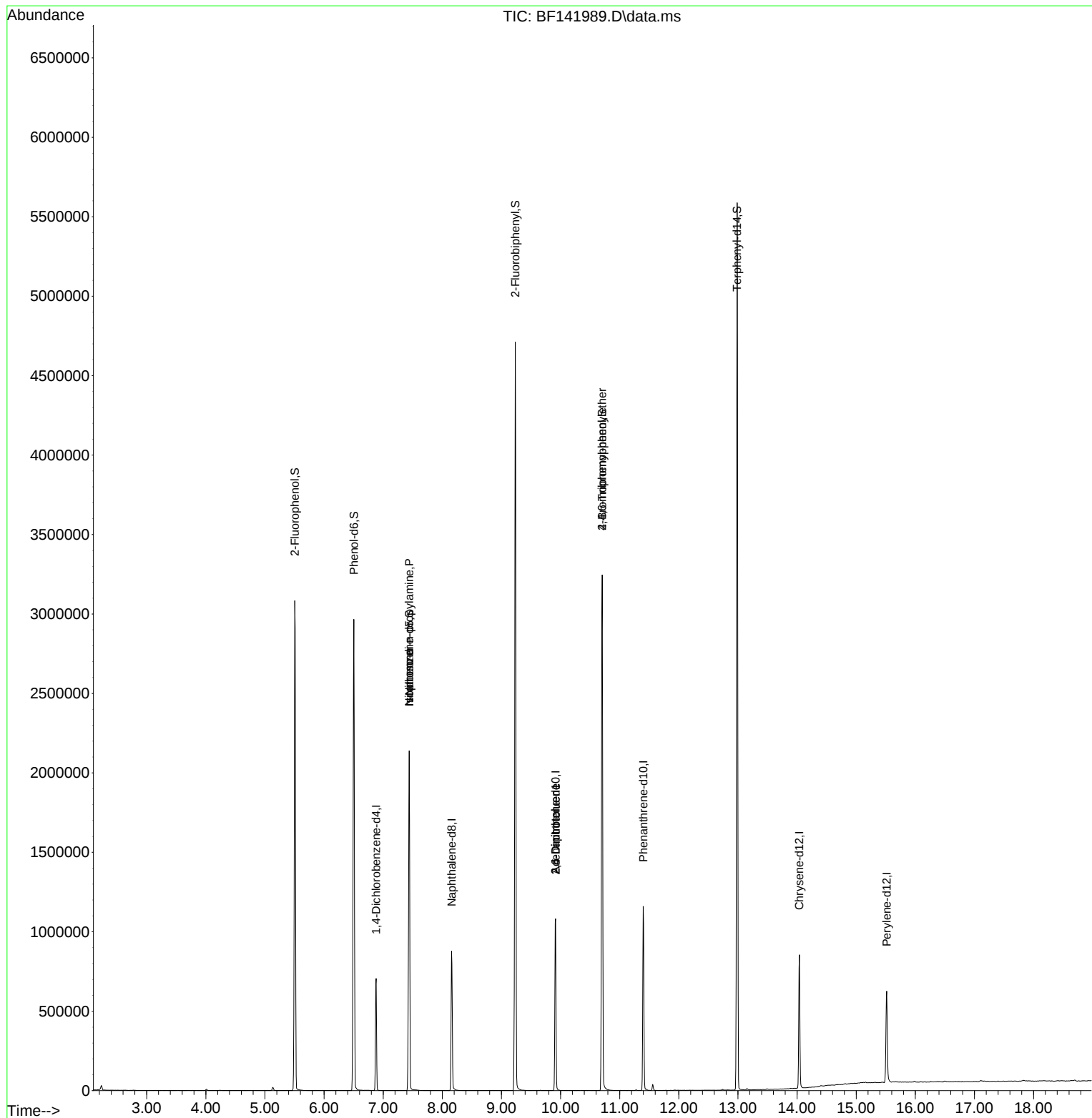
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 154147   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 600060   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 341484   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.398 | 188  | 613248   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.039 | 240  | 422319   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.515 | 264  | 357882   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 1254647  | 135.841 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.504  | 99   | 1541900  | 131.118 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.439  | 82   | 1032327  | 96.816  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.704 | 330  | 633580   | 146.250 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 2152833  | 95.877  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.986 | 244  | 2832561  | 99.162  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.439  | 70   | 142289   | 18.831  | ng    | # 77     |
| 25) Isophorone                | 7.439  | 82   | 1022828  | 54.266  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 44791    | 8.996   | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 44791    | 6.888   | ng    | # 24     |
| 67) 4-Bromophenyl-phenylether | 10.704 | 248  | 39019    | 5.066   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

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Quant Time: Mar 18 11:55:41 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
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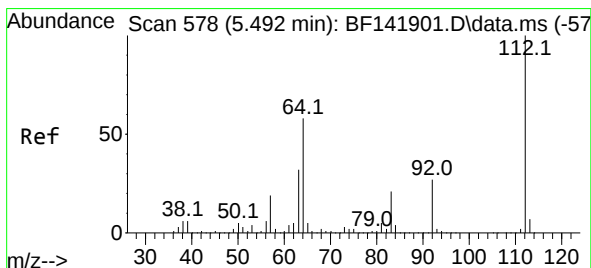
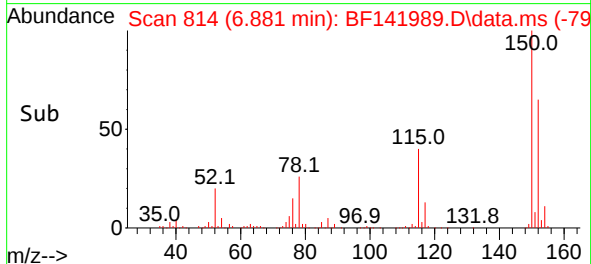
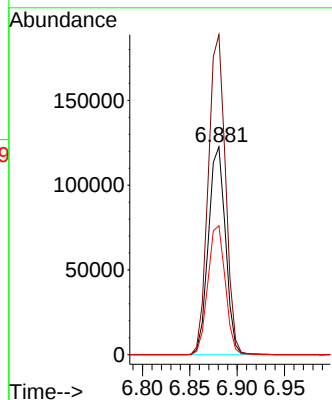
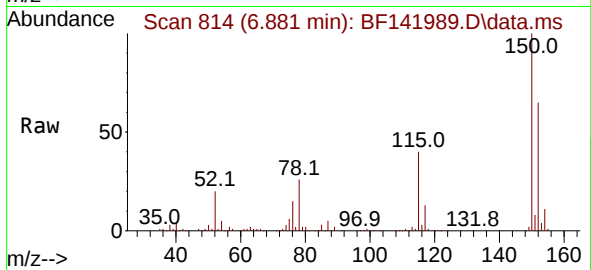




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

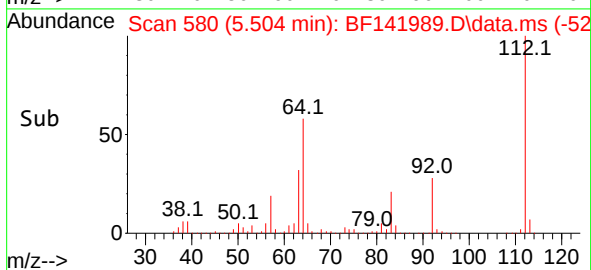
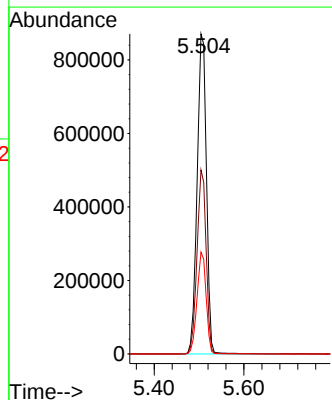
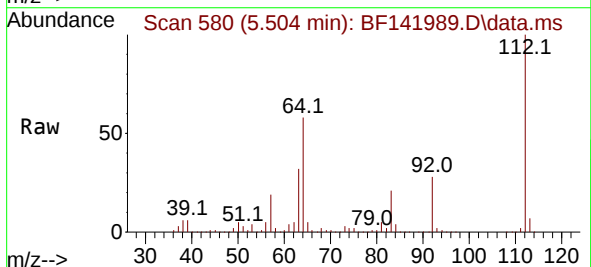
Instrument :  
BNA\_F  
ClientSampleId :  
PB167133TB

Tgt Ion:152 Resp: 154147  
Ion Ratio Lower Upper  
152 100  
150 154.0 127.4 191.2  
115 62.1 51.9 77.9



#5  
2-Fluorophenol  
Concen: 135.841 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

Tgt Ion:112 Resp: 1254647  
Ion Ratio Lower Upper  
112 100  
64 57.5 46.5 69.7  
63 31.8 25.4 38.2

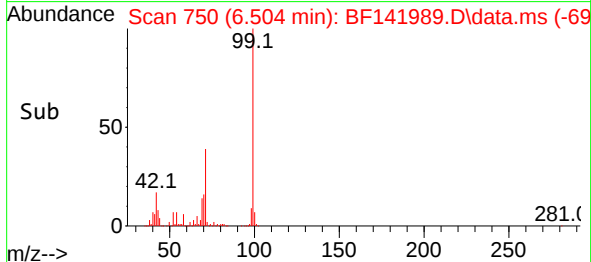
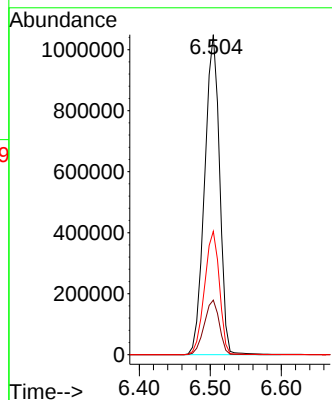
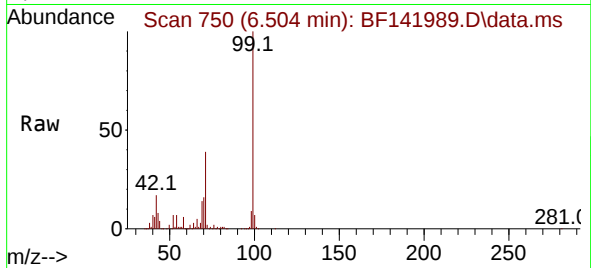




#7  
Phenol-d6  
Concen: 131.118 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

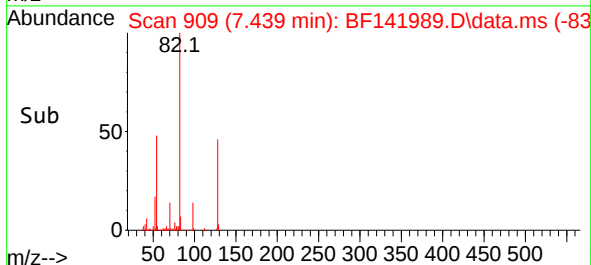
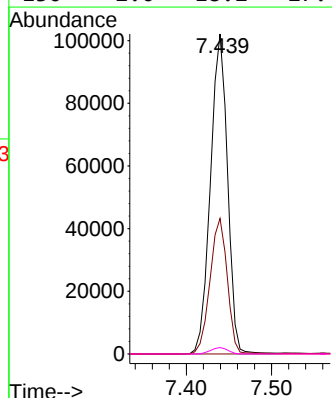
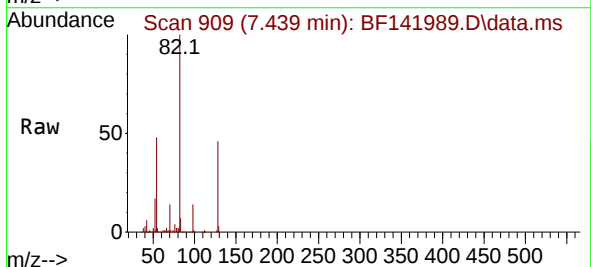
Instrument :  
BNA\_F  
ClientSampleId :  
PB167133TB

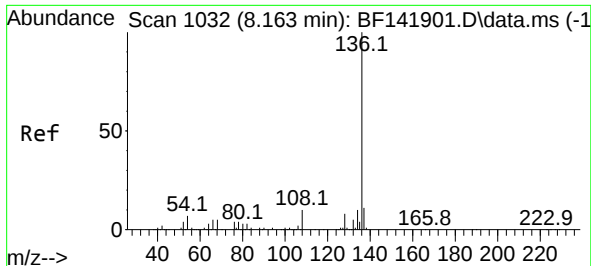
Tgt Ion: 99 Resp: 1541900  
Ion Ratio Lower Upper  
99 100  
42 17.1 14.6 21.8  
71 38.6 30.8 46.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.831 ng  
RT: 7.439 min Scan# 909  
Delta R.T. 0.141 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

Tgt Ion: 70 Resp: 142289  
Ion Ratio Lower Upper  
70 100  
42 42.4 41.4 62.0  
101 0.0 8.2 12.2#  
130 2.0 18.2 27.4#

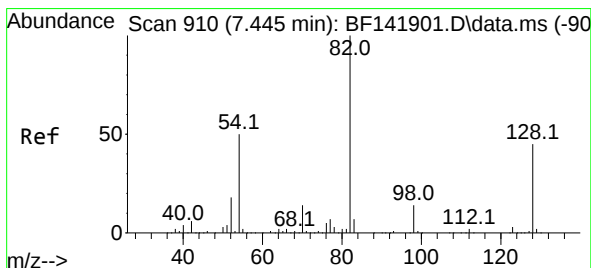
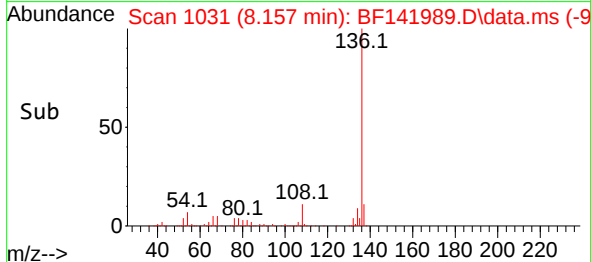
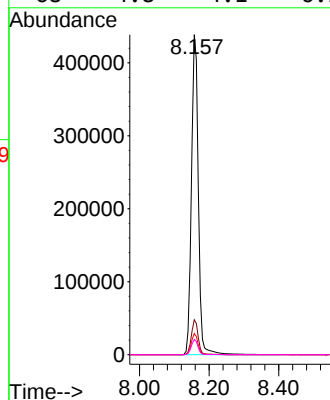
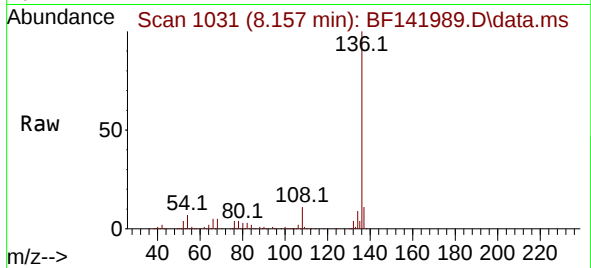




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

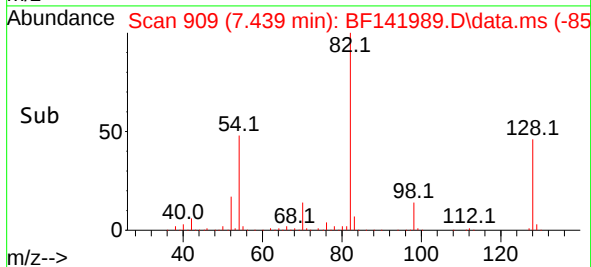
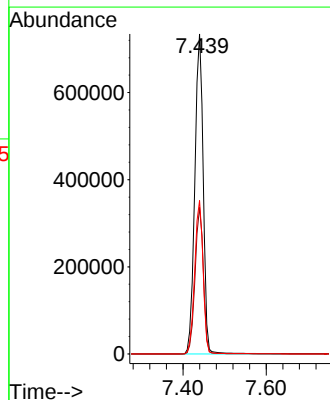
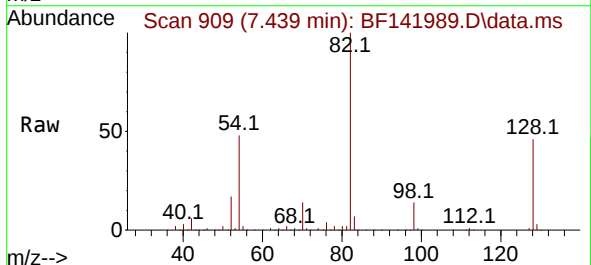
Instrument :  
BNA\_F  
ClientSampleId :  
PB167133TB

Tgt Ion:136 Resp: 600060  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 6.6 5.8 8.8  
68 4.8 4.1 6.1



#23  
Nitrobenzene-d5  
Concen: 96.816 ng  
RT: 7.439 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

Tgt Ion: 82 Resp: 1032327  
Ion Ratio Lower Upper  
82 100  
128 45.8 36.0 54.0  
54 48.0 39.6 59.4

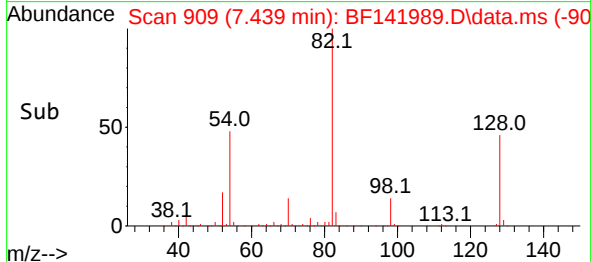
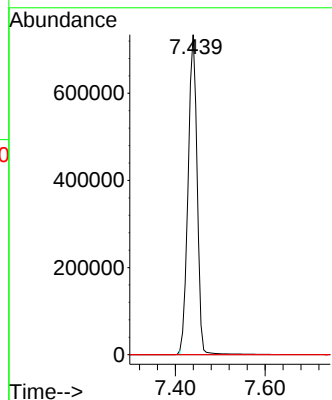
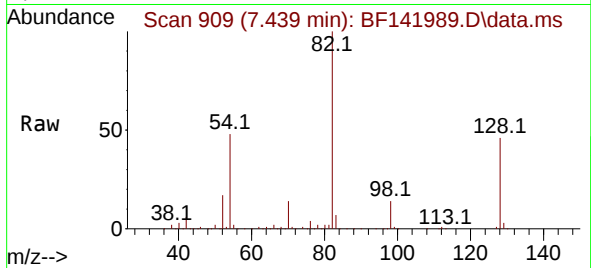




#25  
Isophorone  
Concen: 54.266 ng  
RT: 7.439 min Scan# 909  
Delta R.T. -0.265 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

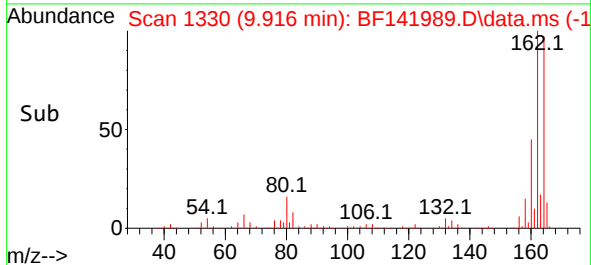
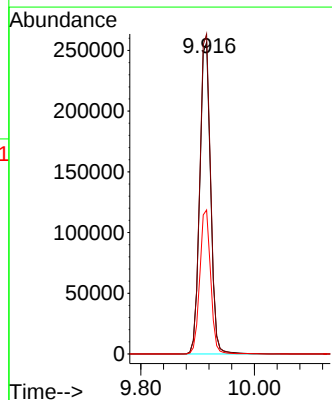
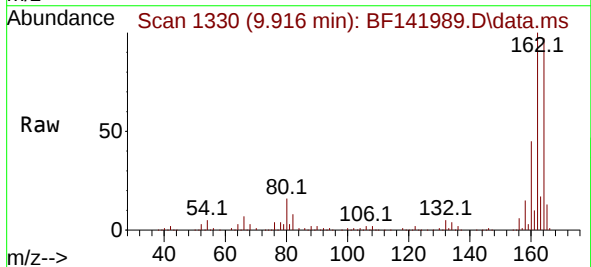
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ClientSampleId :  
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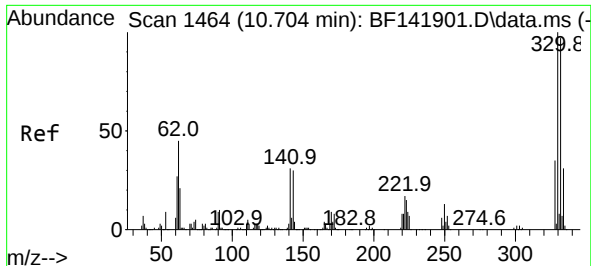
Tgt Ion: 82 Resp: 1022828  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 14.9 22.3#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

Tgt Ion:164 Resp: 341484  
Ion Ratio Lower Upper  
164 100  
162 102.7 81.8 122.6  
160 46.2 36.7 55.1

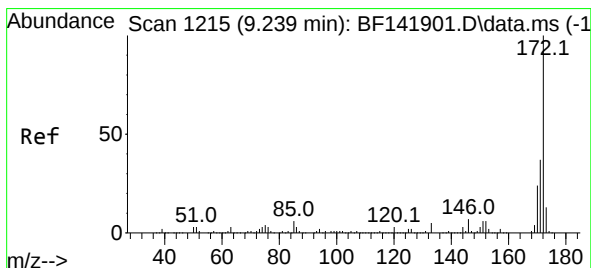
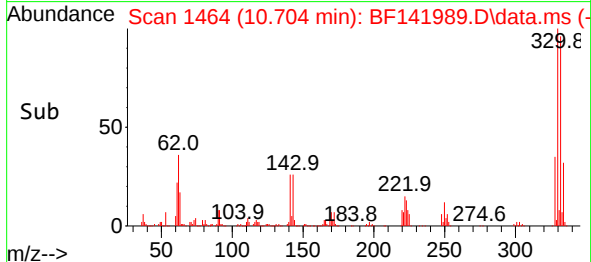
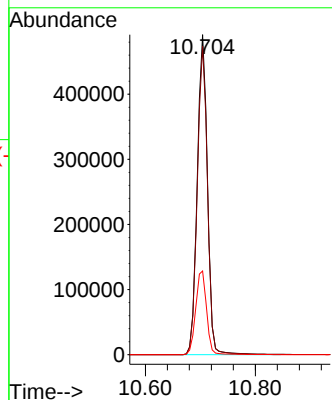
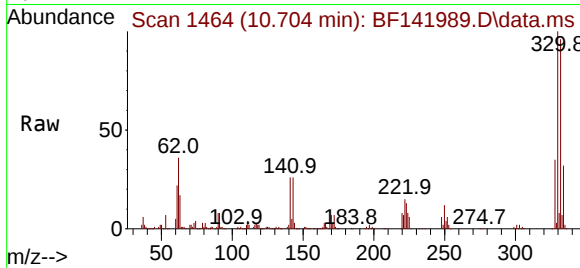




#42  
2,4,6-Tribromophenol  
Concen: 146.250 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

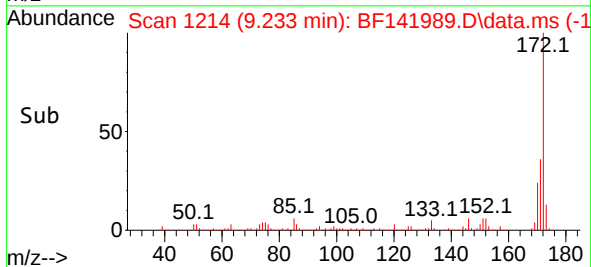
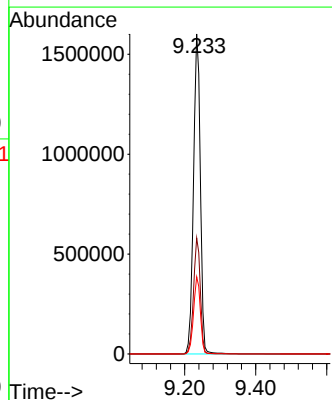
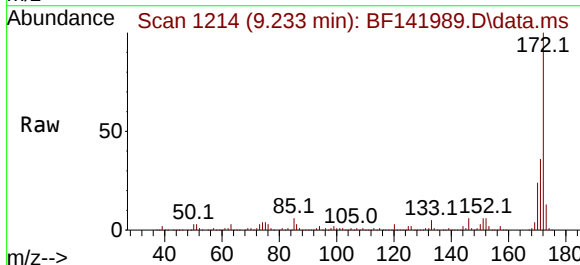
Instrument :  
BNA\_F  
ClientSampleId :  
PB167133TB

Tgt Ion:330 Resp: 633580  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.6 116.4  
141 27.9 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 95.877 ng  
RT: 9.233 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

Tgt Ion:172 Resp: 2152833  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.3 43.9  
170 24.1 19.4 29.0

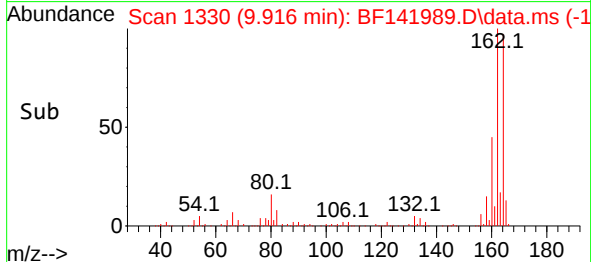
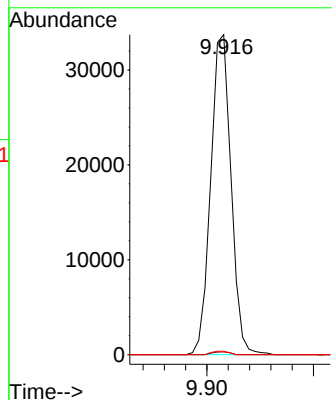
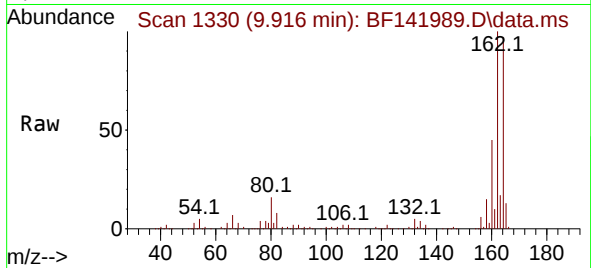




#51  
2,6-Dinitrotoluene  
Concen: 8.996 ng  
RT: 9.916 min Scan# 11  
Delta R.T. 0.218 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

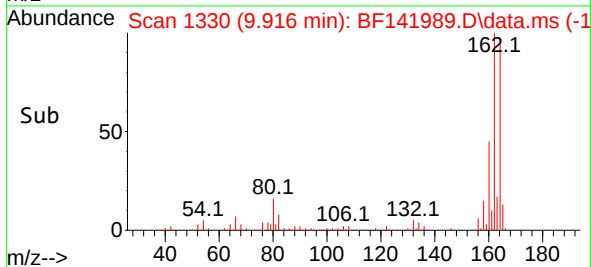
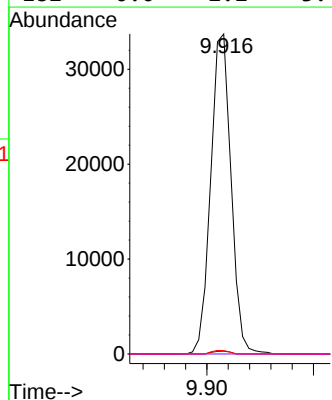
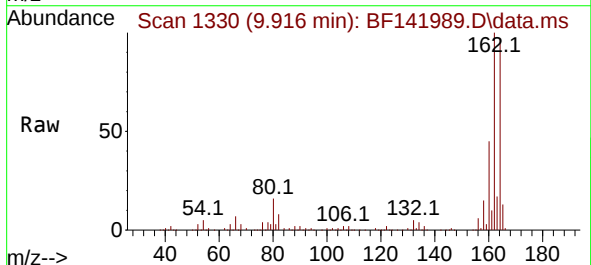
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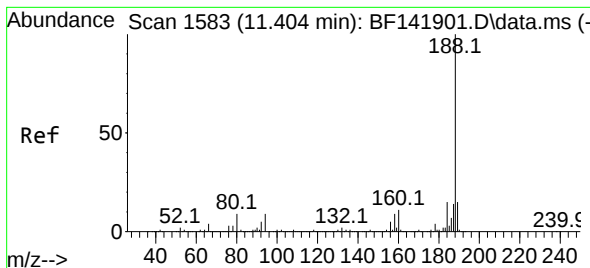
Tgt Ion:165 Resp: 44791  
Ion Ratio Lower Upper  
165 100  
63 0.8 47.0 70.4#  
89 1.1 47.4 71.2#



#57  
2,4-Dinitrotoluene  
Concen: 6.888 ng  
RT: 9.916 min Scan# 1330  
Delta R.T. -0.188 min  
Lab File: BF141989.D  
Acq: 18 Mar 2025 11:28

Tgt Ion:165 Resp: 44791  
Ion Ratio Lower Upper  
165 100  
63 0.8 35.4 53.2#  
89 1.1 56.6 84.8#  
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

Instrument :

BNA\_F

ClientSampleId :

PB167133TB

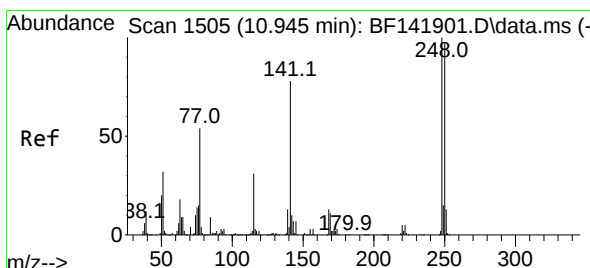
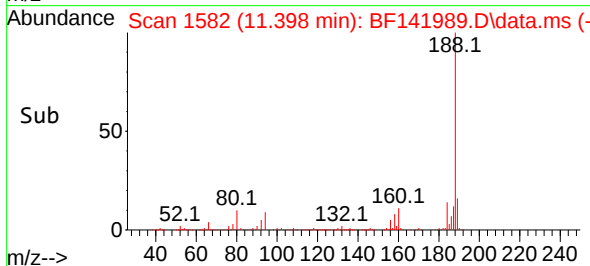
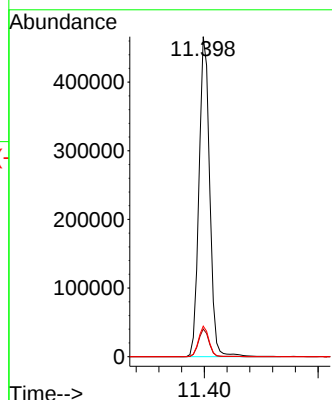
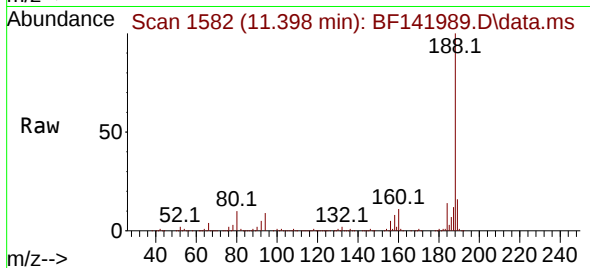
Tgt Ion:188 Resp: 613248

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.066 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

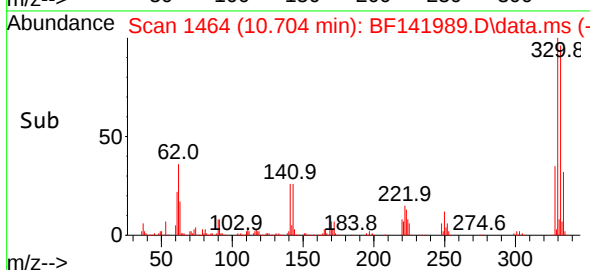
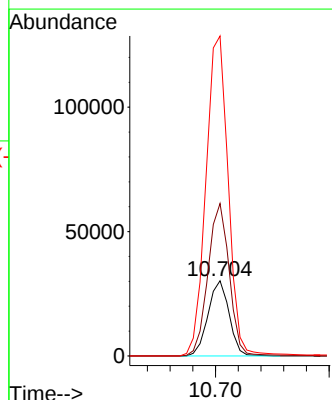
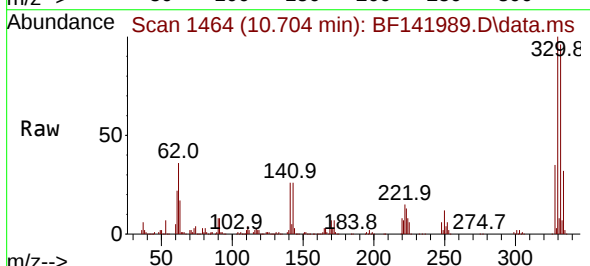
Tgt Ion:248 Resp: 39019

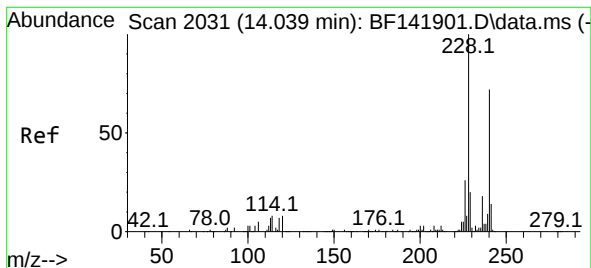
Ion Ratio Lower Upper

248 100

250 202.8 77.8 116.8#

141 425.4 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

Instrument :

BNA\_F

ClientSampleId :

PB167133TB

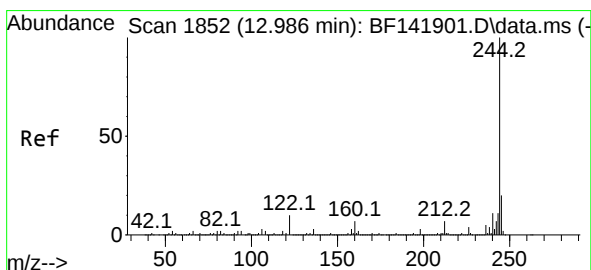
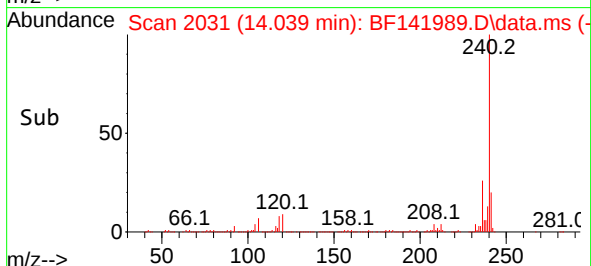
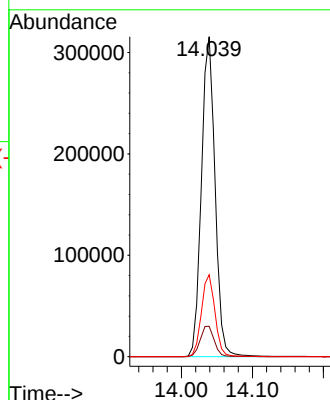
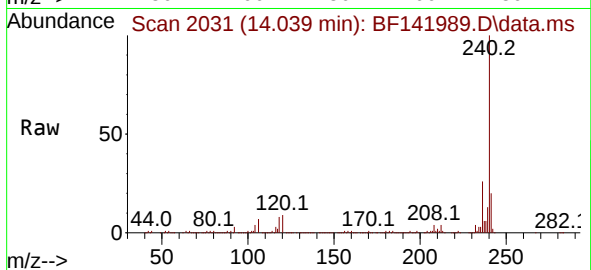
Tgt Ion:240 Resp: 422319

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 99.162 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141989.D

Acq: 18 Mar 2025 11:28

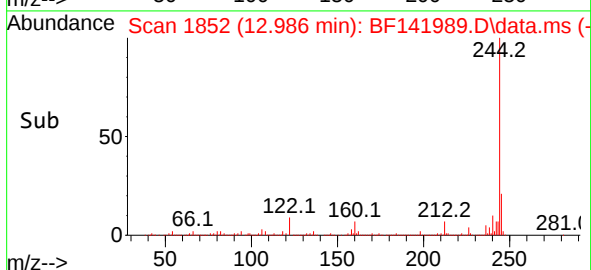
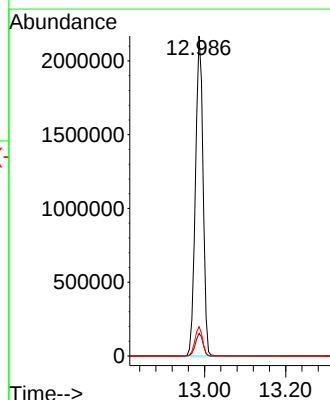
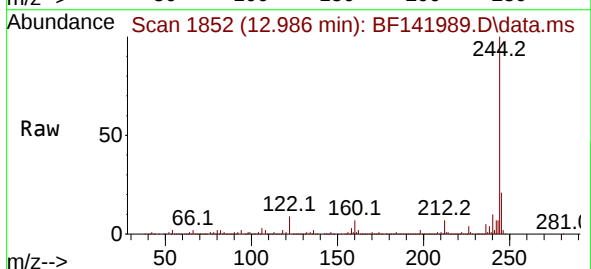
Tgt Ion:244 Resp: 2832561

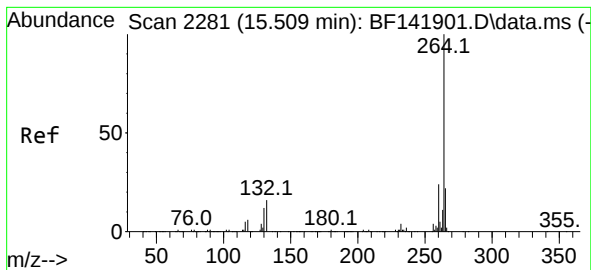
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

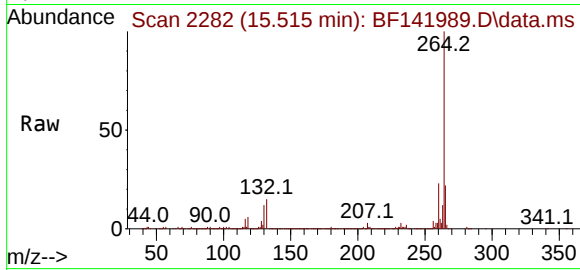
122 9.2 7.7 11.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.515 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BF141989.D  
 Acq: 18 Mar 2025 11:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167133TB



Tgt Ion:264 Resp: 357882  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.1 28.7  
 265 22.0 17.5 26.3

