

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022525\  
 Data File : BF141758.D  
 Acq On : 25 Feb 2025 12:03  
 Operator : RC/JU  
 Sample : PB166843BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166843BL

Quant Time: Feb 25 12:23:14 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

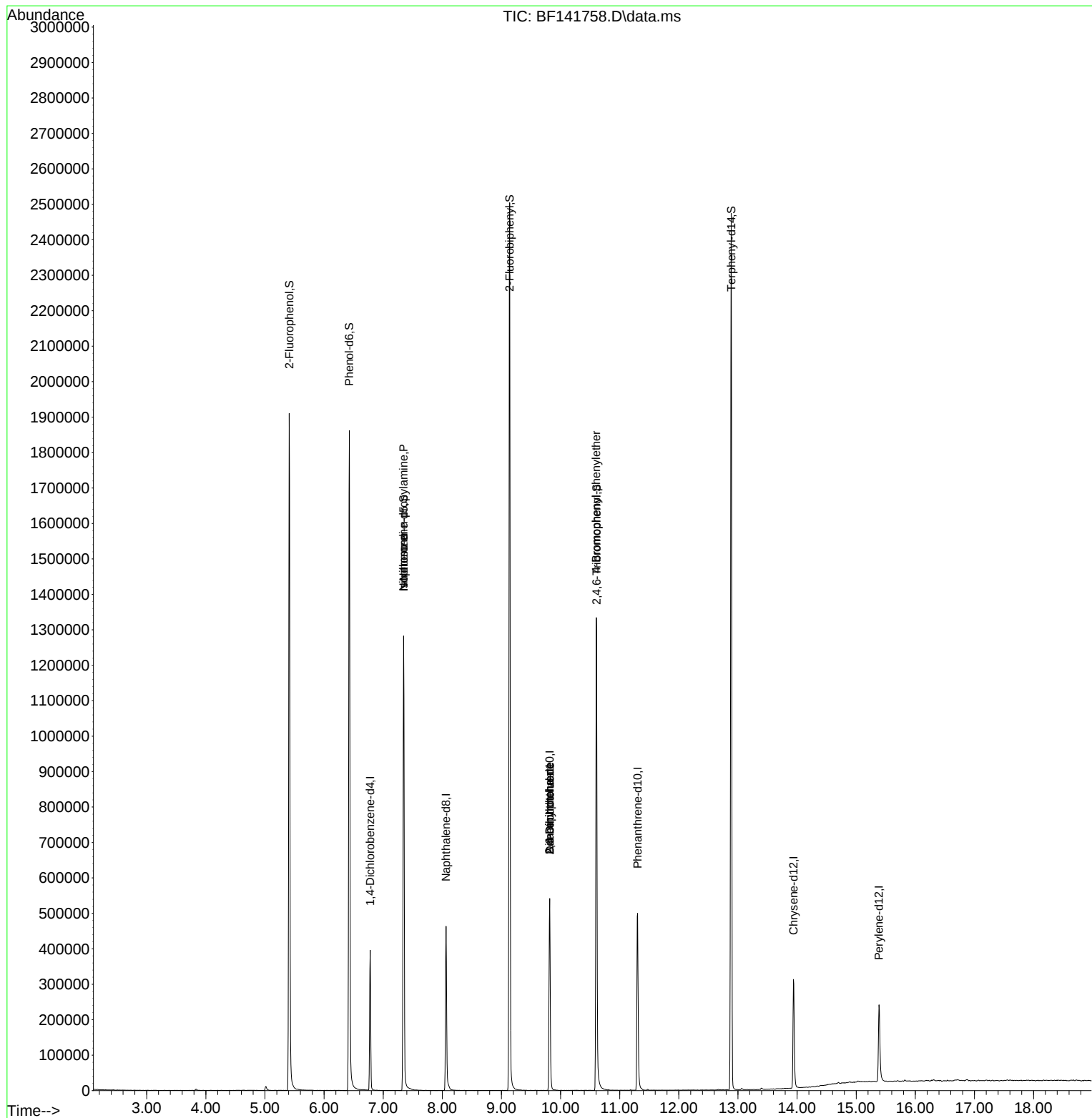
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.781  | 152  | 82722    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.063  | 136  | 334745   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.816  | 164  | 180771   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.304 | 188  | 310469   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.939 | 240  | 181834   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.386 | 264  | 156390   | 20.000  | ng    | -0.03    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.410  | 112  | 756053   | 143.287 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 919895   | 137.935 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.345  | 82   | 606926   | 94.568  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.610 | 330  | 245396   | 135.135 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.139  | 172  | 1165835  | 99.360  | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.886 | 244  | 1251850  | 116.224 | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.345  | 70   | 81578    | 20.450  | ng    | # 72     |
| 25) Isophorone                | 7.345  | 82   | 595838   | 58.226  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.816  | 163  | 25636    | 2.089   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.816  | 165  | 23770    | 8.860   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.816  | 165  | 23770    | 6.656   | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 10.604 | 248  | 16198    | 4.668   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

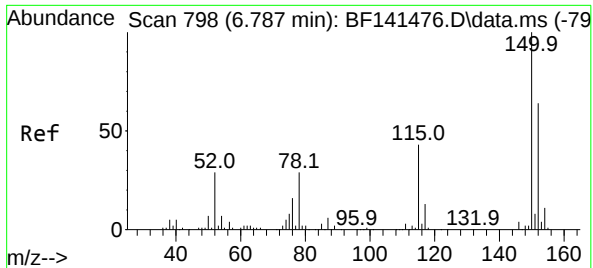
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022525\  
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Instrument :  
BNA\_F  
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PB166843BL

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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  
Response via : Initial Calibration

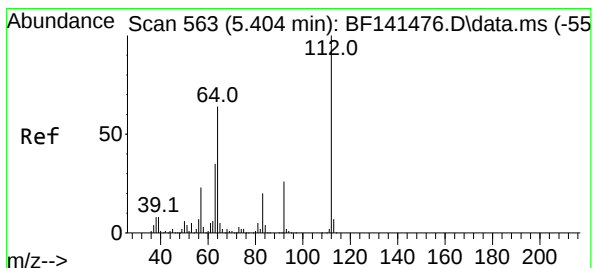
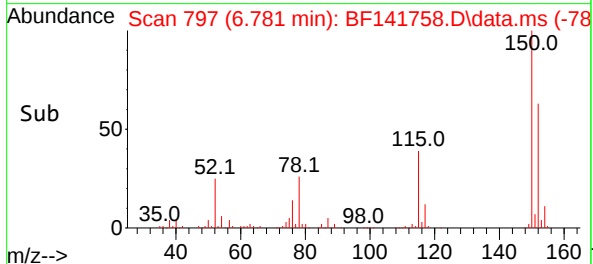
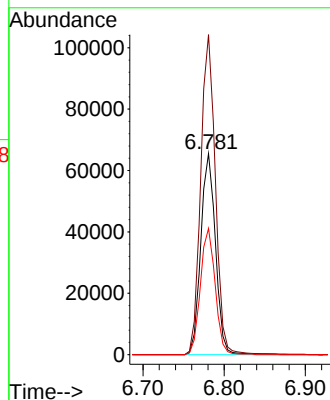
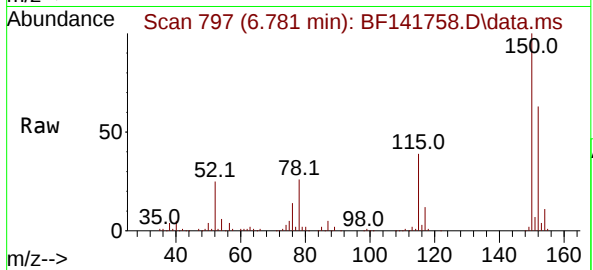




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 798  
 Delta R.T. -0.011 min  
 Lab File: BF141758.D  
 Acq: 25 Feb 2025 12:03

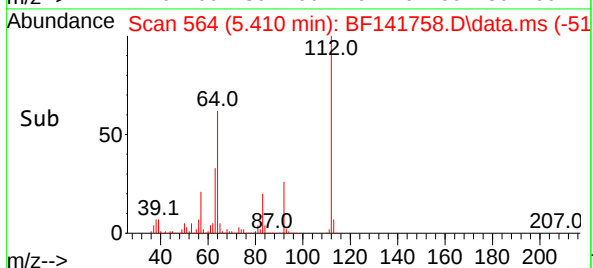
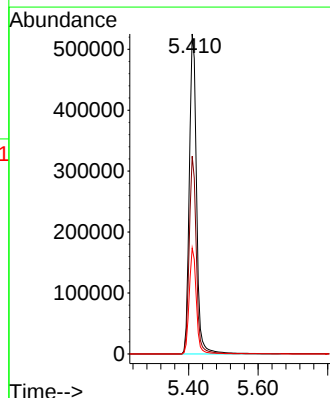
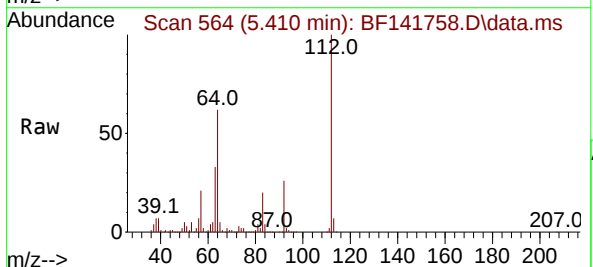
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166843BL

Tgt Ion:152 Resp: 82722  
 Ion Ratio Lower Upper  
 152 100  
 150 159.1 125.0 187.4  
 115 62.8 53.6 80.4



#5  
 2-Fluorophenol  
 Concen: 143.287 ng  
 RT: 5.410 min Scan# 564  
 Delta R.T. 0.000 min  
 Lab File: BF141758.D  
 Acq: 25 Feb 2025 12:03

Tgt Ion:112 Resp: 756053  
 Ion Ratio Lower Upper  
 112 100  
 64 61.8 51.1 76.7  
 63 33.1 28.4 42.6

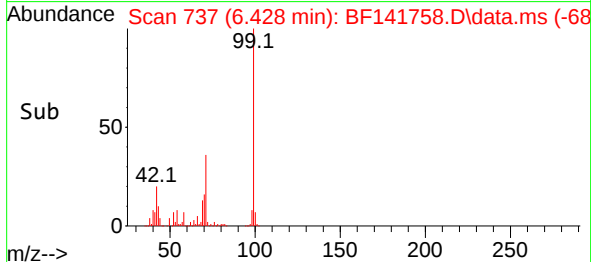
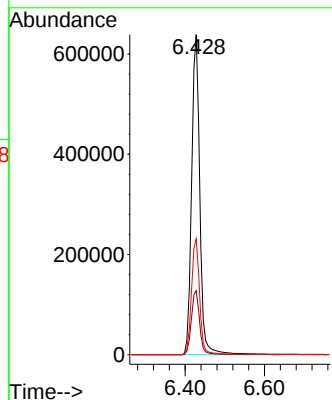
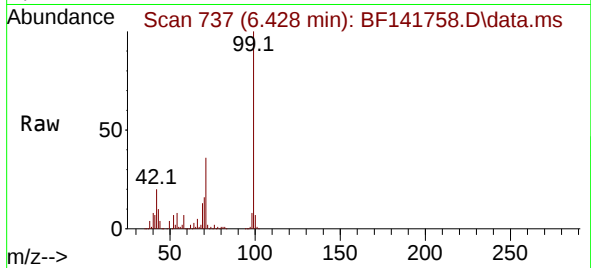




#7  
Phenol-d6  
Concen: 137.935 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

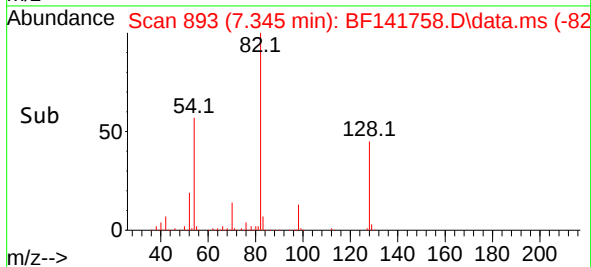
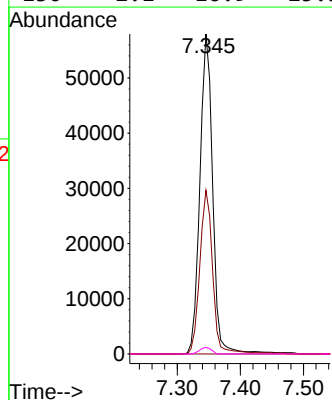
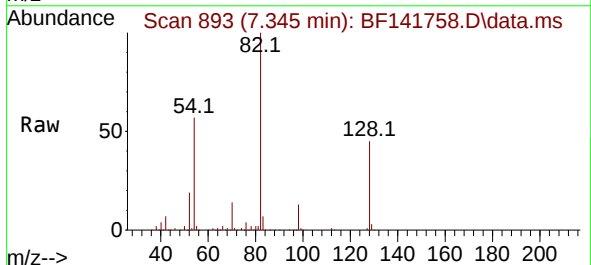
Instrument :  
BNA\_F  
ClientSampleId :  
PB166843BL

Tgt Ion: 99 Resp: 919895  
Ion Ratio Lower Upper  
99 100  
42 20.0 19.1 28.7  
71 36.2 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.450 ng  
RT: 7.345 min Scan# 893  
Delta R.T. 0.130 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

Tgt Ion: 70 Resp: 81578  
Ion Ratio Lower Upper  
70 100  
42 51.2 57.4 86.2#  
101 0.0 8.0 12.0#  
130 2.1 16.9 25.3#

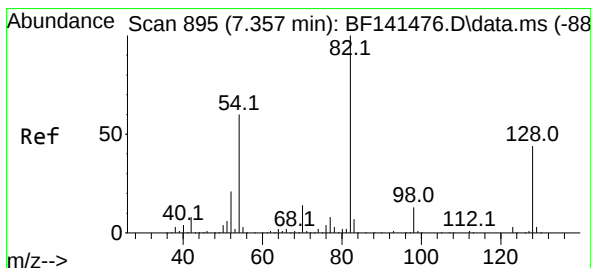
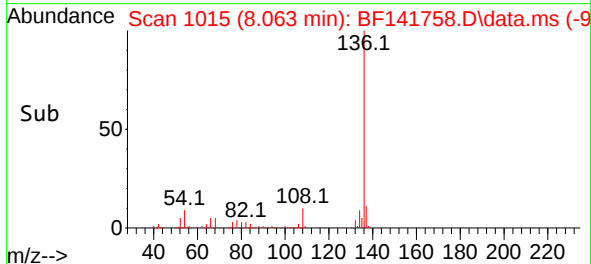
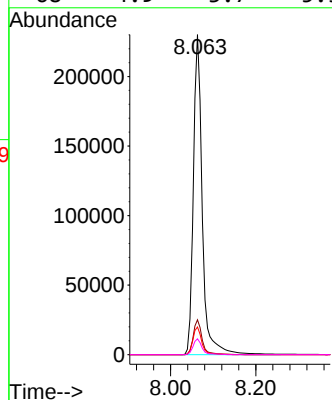
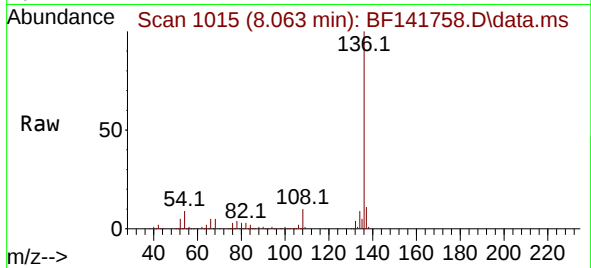




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

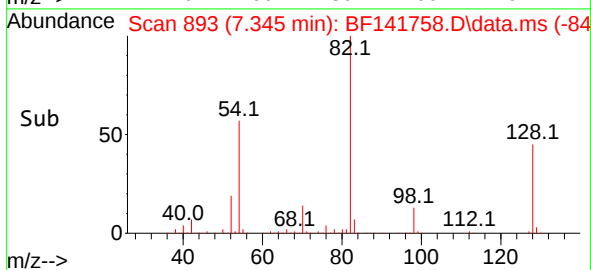
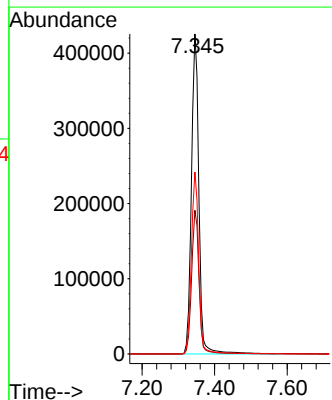
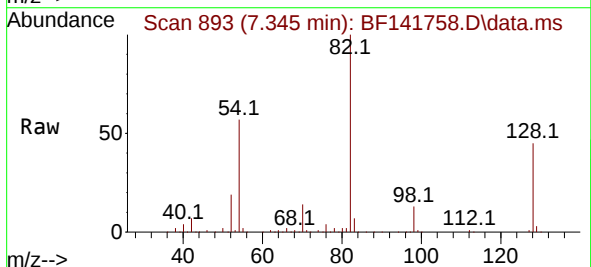
Instrument :  
BNA\_F  
ClientSampleId :  
PB166843BL

Tgt Ion:136 Resp: 334745  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.7 7.2 10.8  
68 4.9 3.7 5.5



#23  
Nitrobenzene-d5  
Concen: 94.568 ng  
RT: 7.345 min Scan# 893  
Delta R.T. -0.018 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

Tgt Ion: 82 Resp: 606926  
Ion Ratio Lower Upper  
82 100  
128 44.9 34.8 52.2  
54 56.8 48.2 72.4

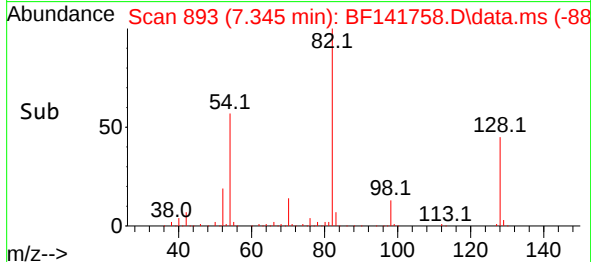
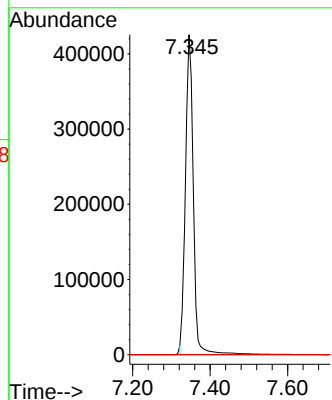
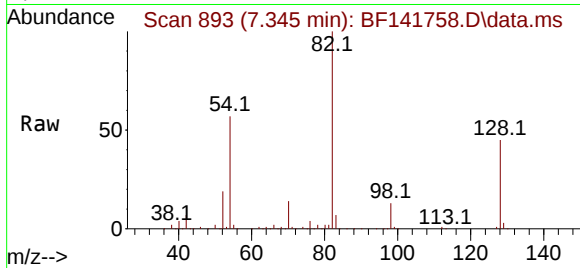




#25  
Isophorone  
Concen: 58.226 ng  
RT: 7.345 min Scan# 893  
Delta R.T. -0.276 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

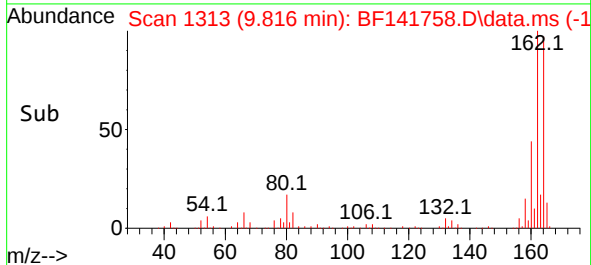
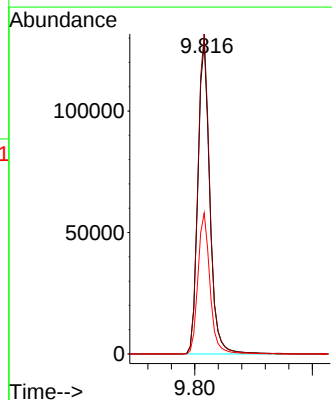
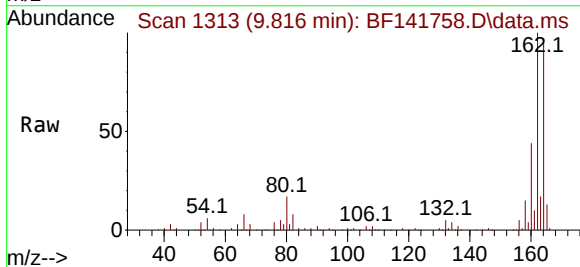
Instrument :  
BNA\_F  
ClientSampleId :  
PB166843BL

Tgt Ion: 82 Resp: 595838  
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. -0.018 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

Tgt Ion:164 Resp: 180771  
Ion Ratio Lower Upper  
164 100  
162 102.8 81.3 121.9  
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 135.135 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141758.D

Acq: 25 Feb 2025 12:03

Instrument :

BNA\_F

ClientSampleId :

PB166843BL

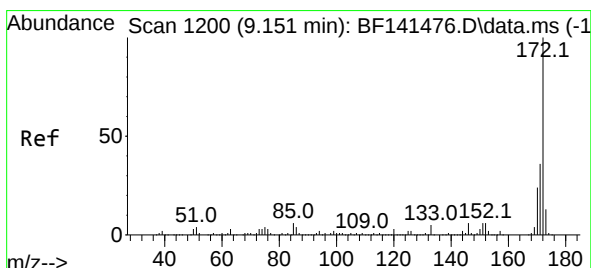
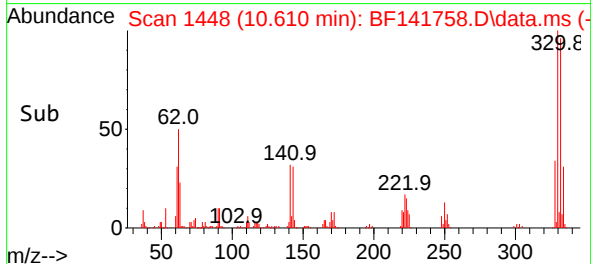
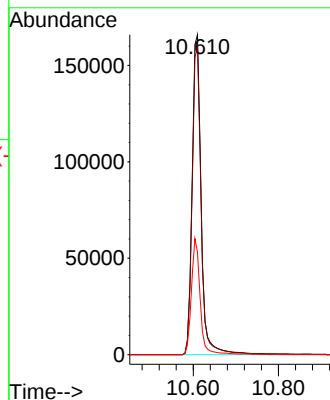
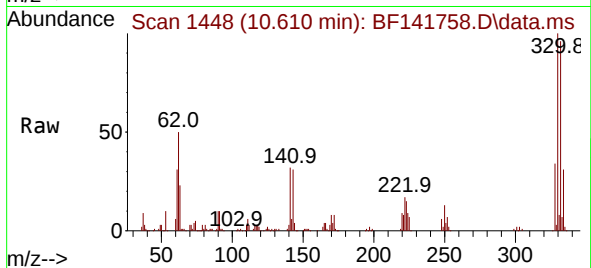
Tgt Ion:330 Resp: 245396

Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

141 35.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 99.360 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141758.D

Acq: 25 Feb 2025 12:03

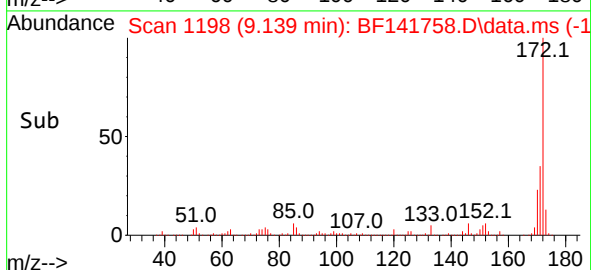
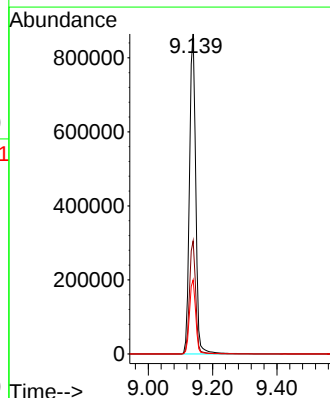
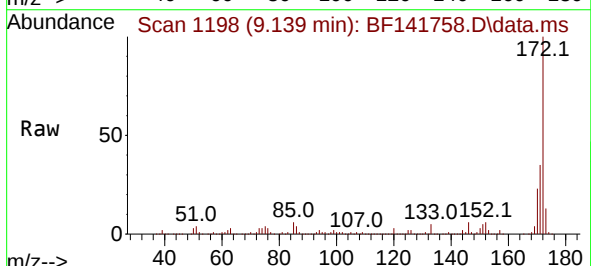
Tgt Ion:172 Resp: 1165835

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.1 18.9 28.3

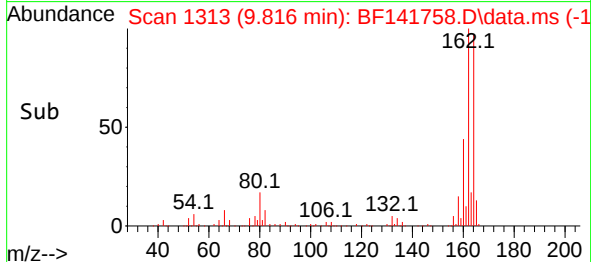
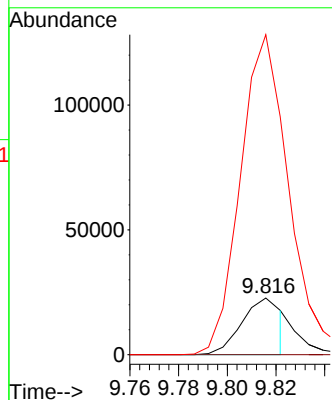
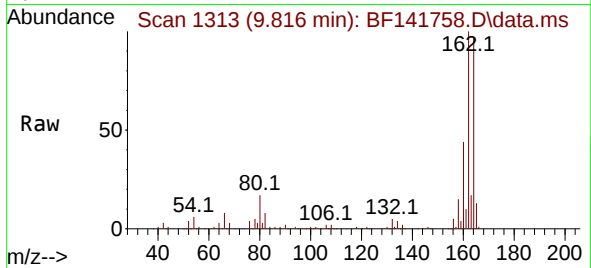




#50  
Dimethylphthalate  
Concen: 2.089 ng  
RT: 9.816 min Scan# 11  
Delta R.T. 0.253 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

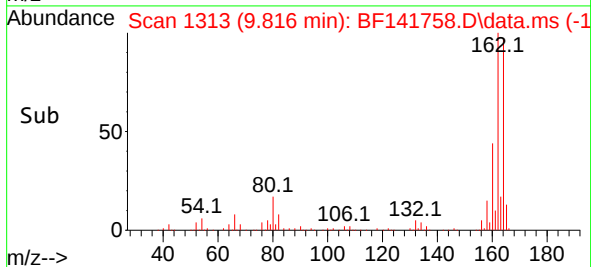
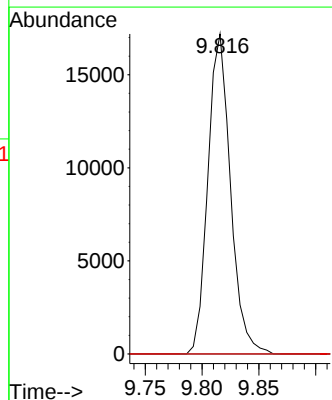
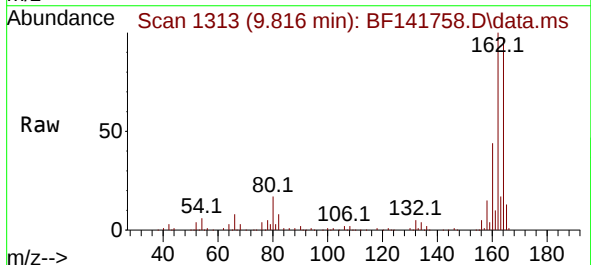
Instrument :  
BNA\_F  
ClientSampleId :  
PB166843BL

Tgt Ion:163 Resp: 25636  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.4#  
164 565.5 7.9 11.9#



#51  
2,6-Dinitrotoluene  
Concen: 8.860 ng  
RT: 9.816 min Scan# 1313  
Delta R.T. 0.194 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

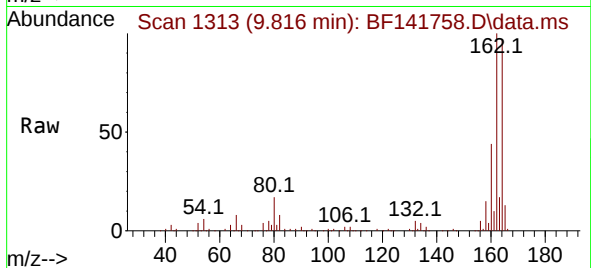
Tgt Ion:165 Resp: 23770  
Ion Ratio Lower Upper  
165 100  
63 0.0 49.4 74.0#  
89 0.0 46.5 69.7#



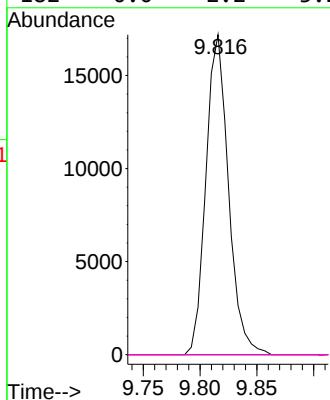
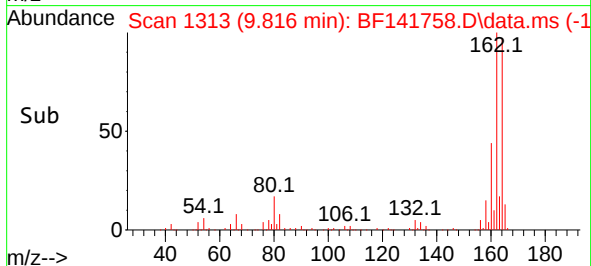


#57  
2,4-Dinitrotoluene  
Concen: 6.656 ng  
RT: 9.816 min Scan# 11  
Delta R.T. -0.212 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

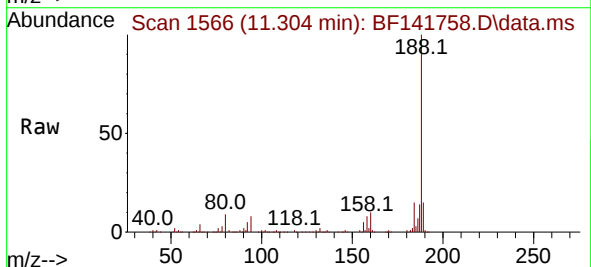
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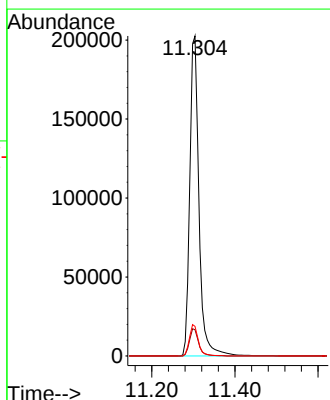
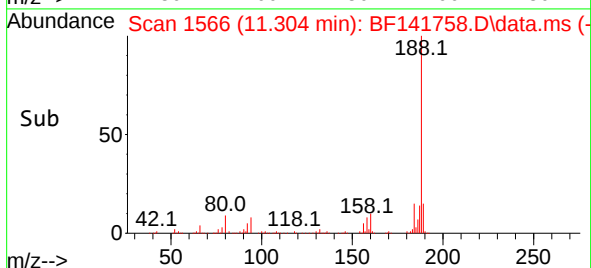
Tgt Ion:165 Resp: 23770  
Ion Ratio Lower Upper  
165 100  
63 0.0 46.4 69.6#  
89 0.0 61.8 92.6#  
182 0.0 2.2 3.2#

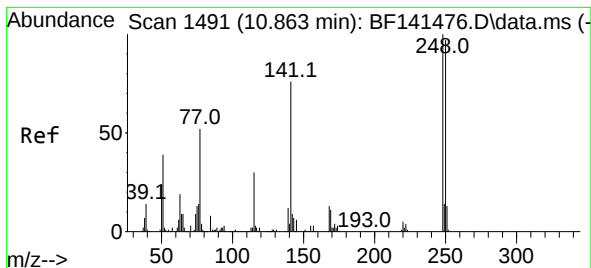


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.304 min Scan# 1566  
Delta R.T. -0.012 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03



Tgt Ion:188 Resp: 310469  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.6 10.0  
80 9.3 7.3 10.9

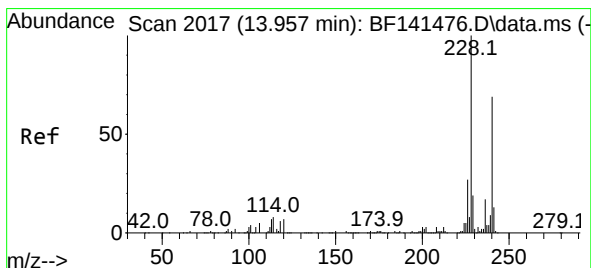
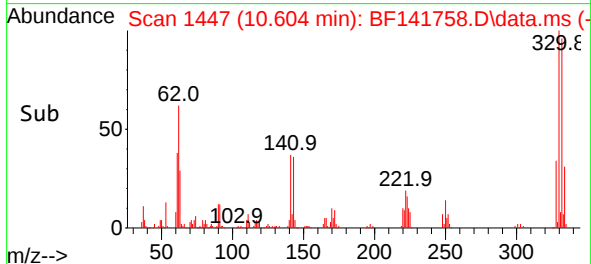
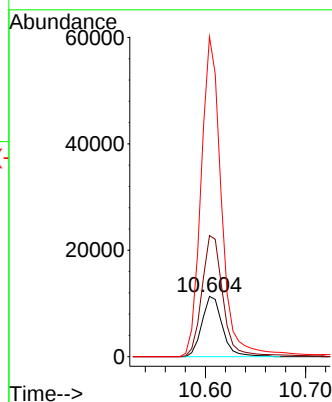
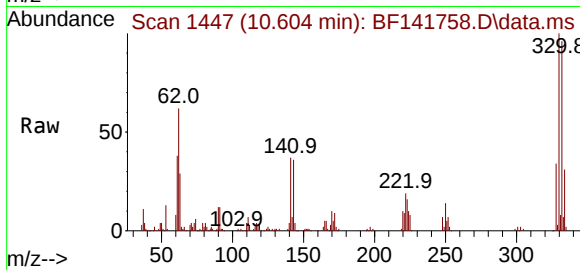




#67  
4-Bromophenyl-phenylether  
Concen: 4.668 ng  
RT: 10.604 min Scan# 1491  
Delta R.T. -0.259 min  
Lab File: BF141758.D  
Acq: 25 Feb 2025 12:03

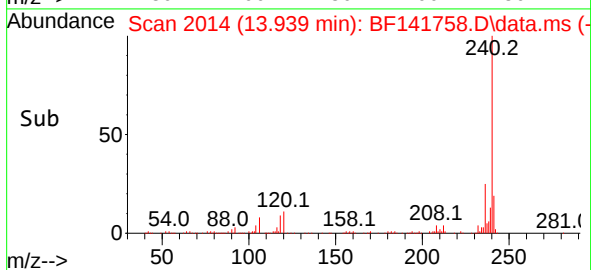
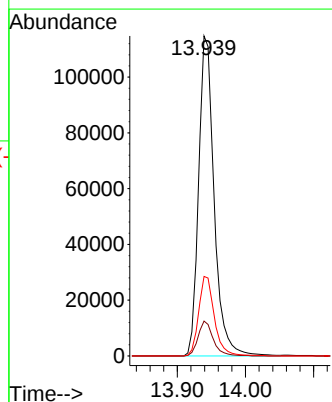
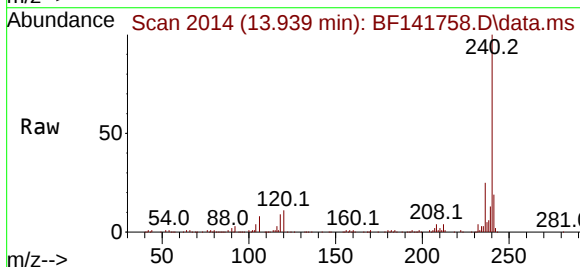
Instrument :  
BNA\_F  
ClientSampleId :  
PB166843BL

Tgt Ion:248 Resp: 16198  
Ion Ratio Lower Upper  
248 100  
250 201.0 77.8 116.6#  
141 530.8 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: BF141758.D  
Acq: 25 Feb 2025 12:03

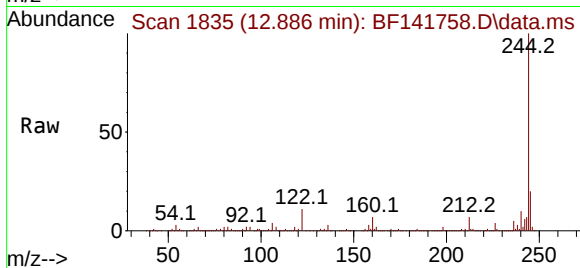
Tgt Ion:240 Resp: 181834  
Ion Ratio Lower Upper  
240 100  
120 10.9 8.0 12.0  
236 24.9 19.8 29.8



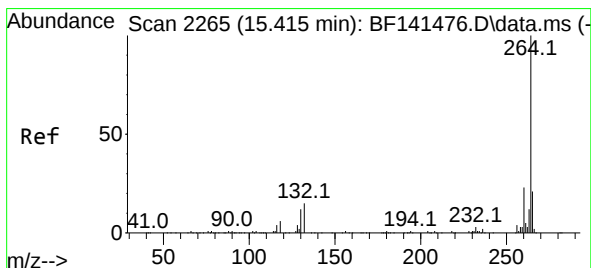
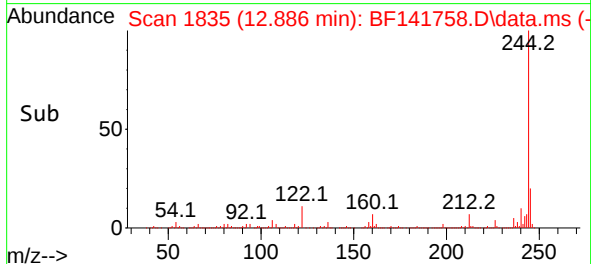
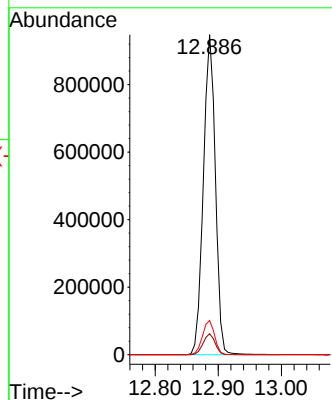


#79  
 Terphenyl-d14  
 Concen: 116.224 ng  
 RT: 12.886 min Scan# 1835  
 Delta R.T. -0.018 min  
 Lab File: BF141758.D  
 Acq: 25 Feb 2025 12:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166843BL



Tgt Ion:244 Resp: 1251850  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.6 8.4  
 122 10.7 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.386 min Scan# 2260  
 Delta R.T. -0.029 min  
 Lab File: BF141758.D  
 Acq: 25 Feb 2025 12:03

Tgt Ion:264 Resp: 156390  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 28.0  
 265 21.1 17.0 25.4

