

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF053025\  
 Data File : BF142577.D  
 Acq On : 30 May 2025 18:46  
 Operator : RC/JU  
 Sample : Q2146-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP04-MHN-WC

Quant Time: May 30 22:28:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 20 16:26:47 2025  
 Response via : Initial Calibration

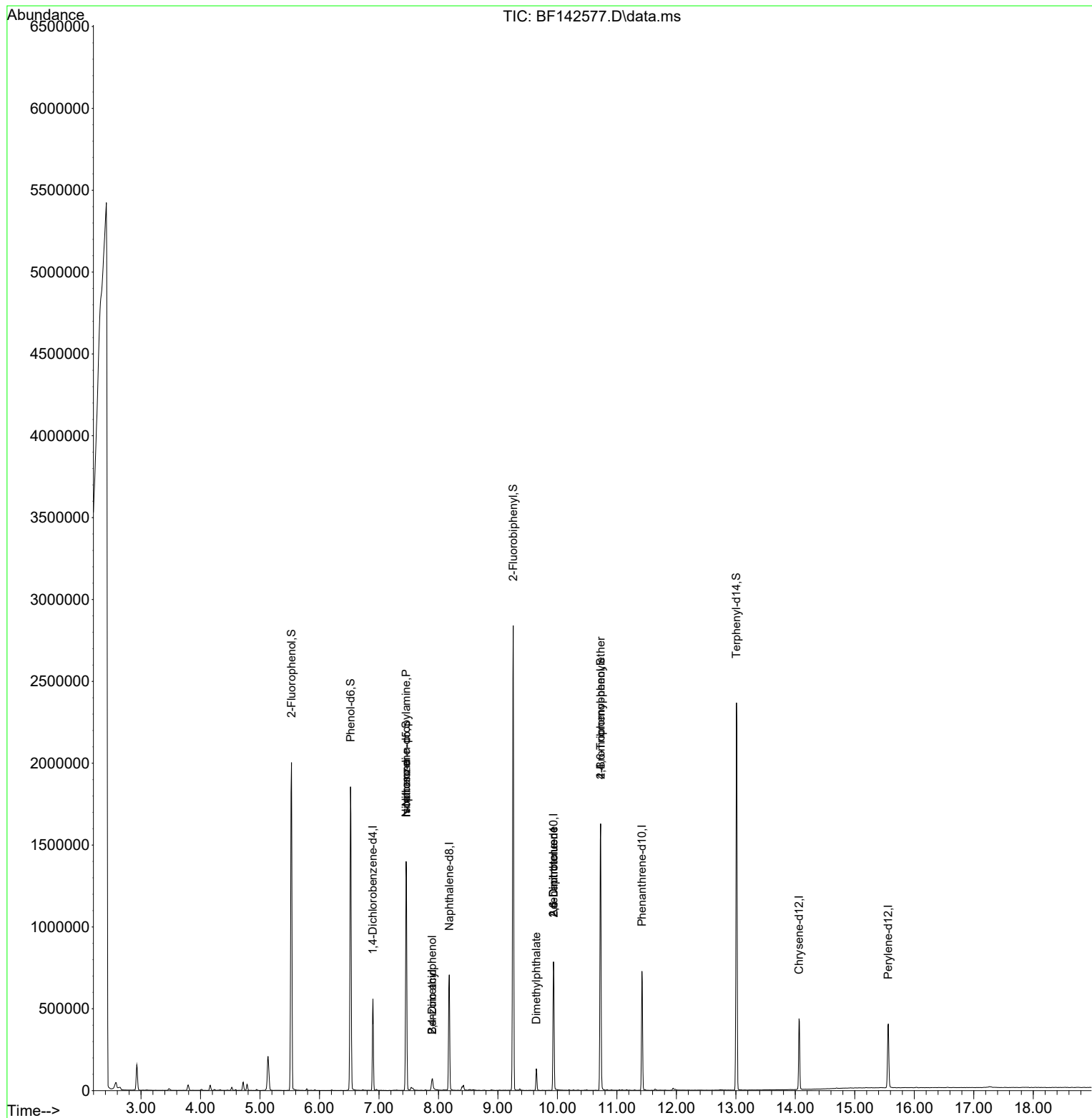
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.898  | 152  | 121806   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.181  | 136  | 458880   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.934  | 164  | 239948   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.422 | 188  | 386203   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.063 | 240  | 222868   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.563 | 264  | 239278   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 804897   | 111.329 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.522  | 99   | 915526   | 105.196 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 631906   | 75.090  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 307832   | 115.591 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1309254  | 73.217  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.010 | 244  | 1177240  | 72.184  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 84236    | 15.617  | ng    | # 76     |
| 25) Isophorone                | 7.457  | 82   | 603089   | 42.864  | ng    | # 63     |
| 27) 2,4-Dimethylphenol        | 7.893  | 122  | 29286    | 4.095   | ng    | # 5      |
| 32) Benzoic acid              | 7.893  | 122  | 29286    | 6.727   | ng    | 95       |
| 50) Dimethylphthalate         | 9.645  | 163  | 78078    | 4.931   | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 9.934  | 165  | 30199    | 8.837   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.934  | 165  | 30199    | 6.767   | ng    | # 28     |
| 67) 4-Bromophenyl-phenylether | 10.728 | 248  | 19164    | 4.197   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

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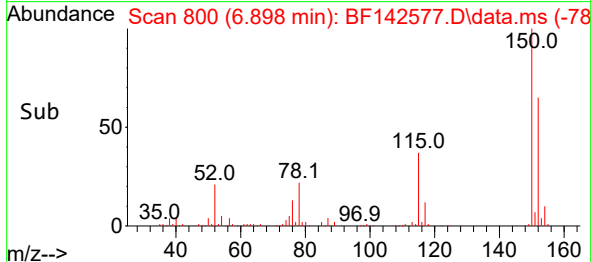
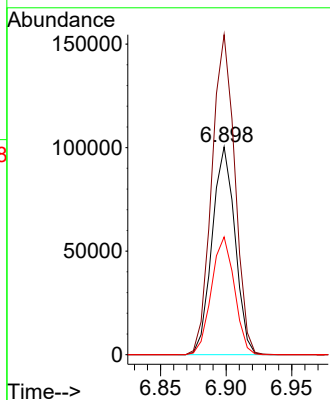
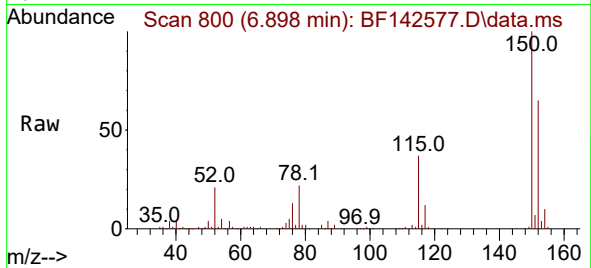




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

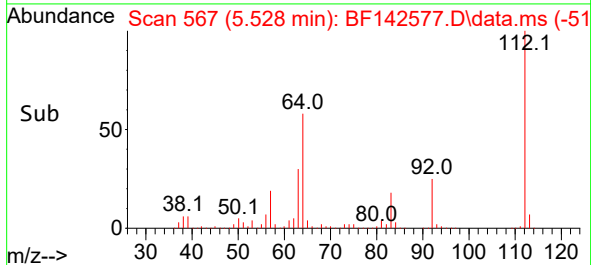
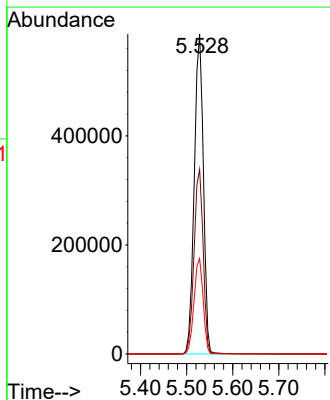
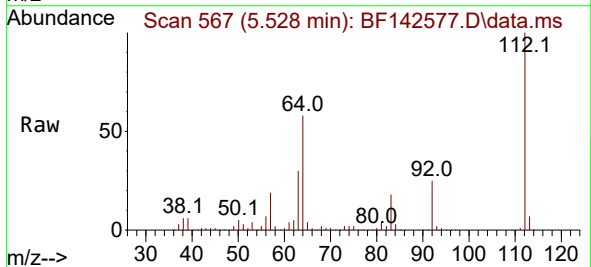
Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

Tgt Ion:152 Resp: 121806  
Ion Ratio Lower Upper  
152 100  
150 154.0 128.2 192.4  
115 56.7 48.3 72.5



#5  
2-Fluorophenol  
Concen: 111.329 ng  
RT: 5.528 min Scan# 567  
Delta R.T. 0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:112 Resp: 804897  
Ion Ratio Lower Upper  
112 100  
64 57.7 47.5 71.3  
63 29.8 24.9 37.3

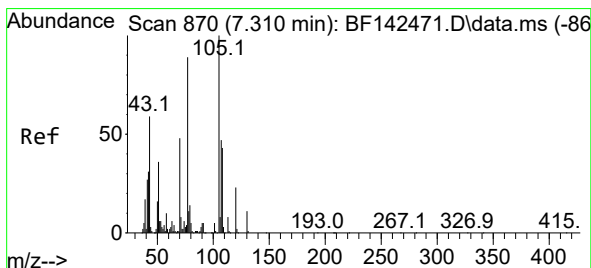
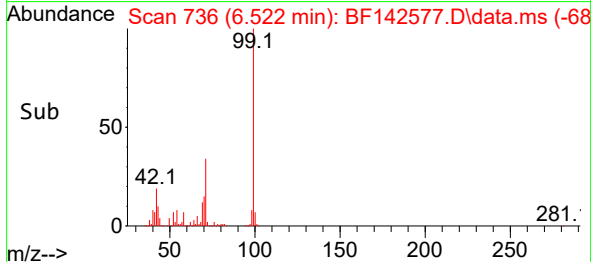
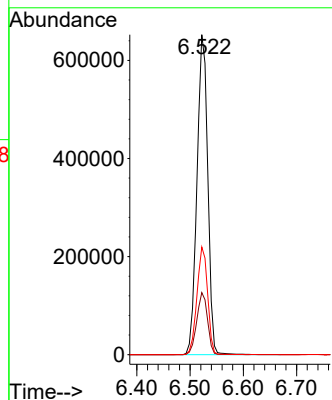
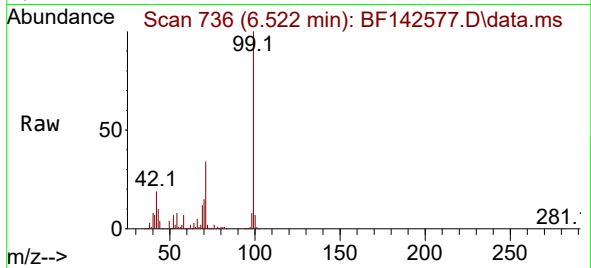




#7  
Phenol-d6  
Concen: 105.196 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

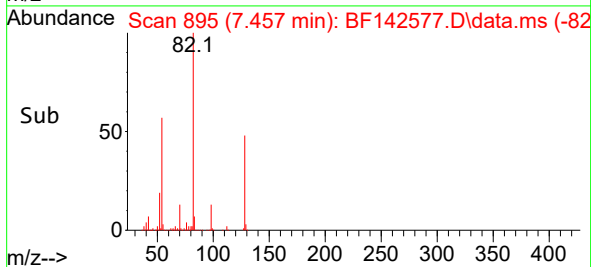
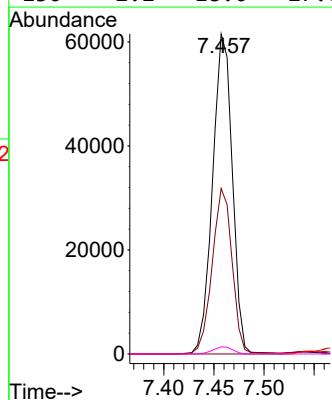
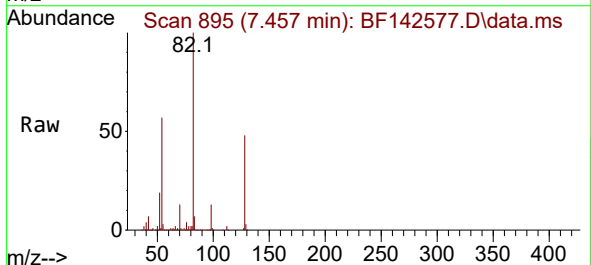
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion: 99 Resp: 915526  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.2 24.2  
71 33.7 27.3 40.9



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.617 ng  
RT: 7.457 min Scan# 895  
Delta R.T. 0.130 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion: 70 Resp: 84236  
Ion Ratio Lower Upper  
70 100  
42 51.7 52.4 78.6#  
101 0.0 7.8 11.8#  
130 2.2 18.0 27.0#

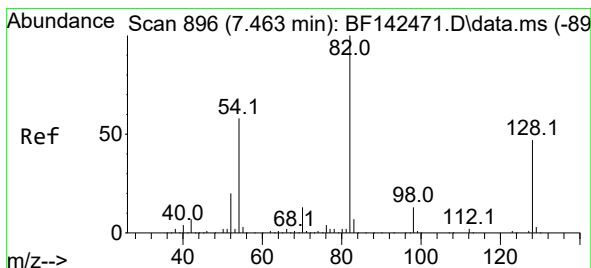
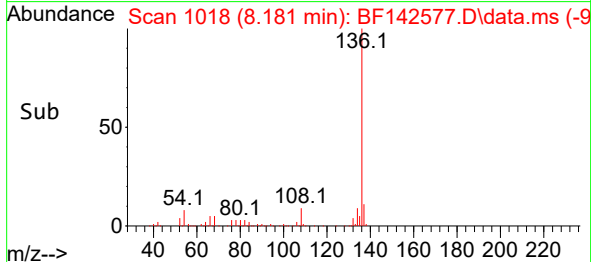
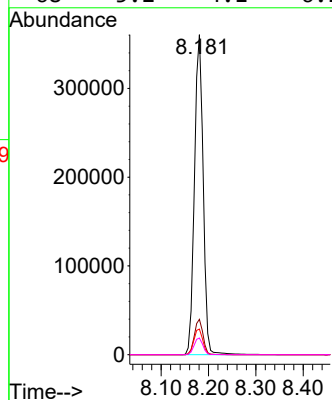
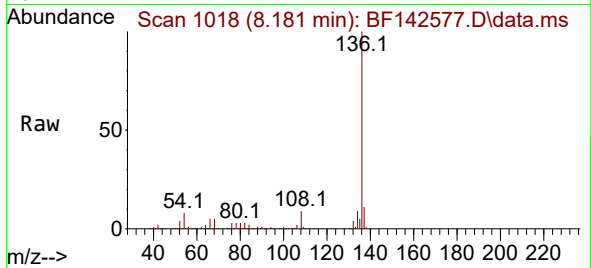




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

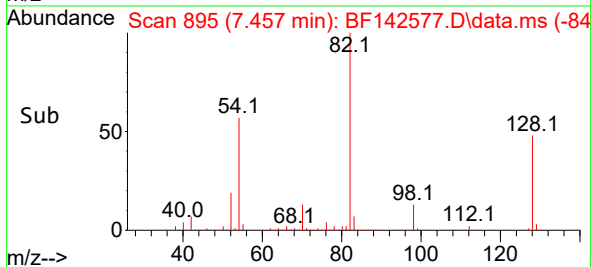
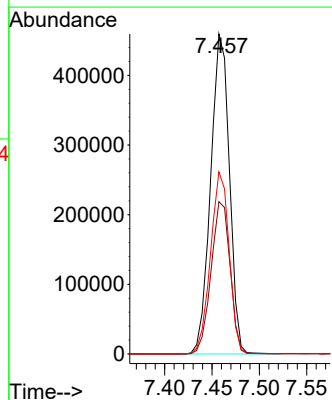
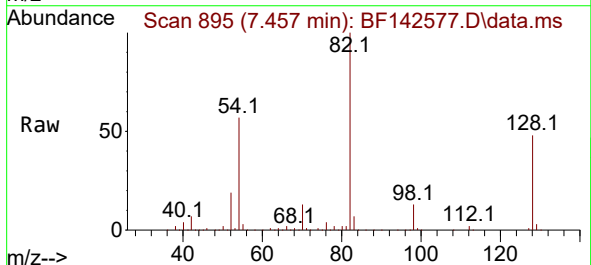
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ClientSampleId :  
TP04-MHN-WC

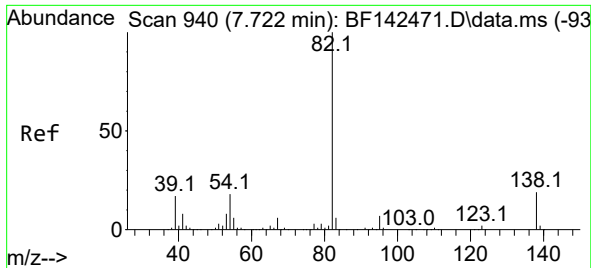
Tgt Ion:136 Resp: 458880  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.0 6.6 10.0  
68 5.2 4.1 6.1



#23  
Nitrobenzene-d5  
Concen: 75.090 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.017 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion: 82 Resp: 631906  
Ion Ratio Lower Upper  
82 100  
128 47.6 37.4 56.2  
54 56.9 46.6 70.0

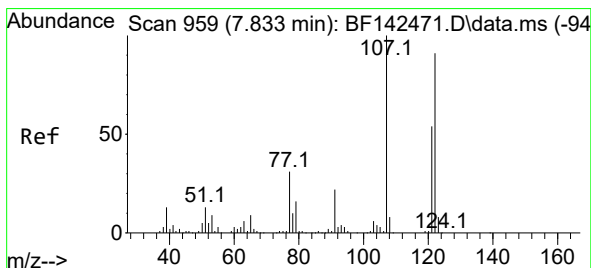
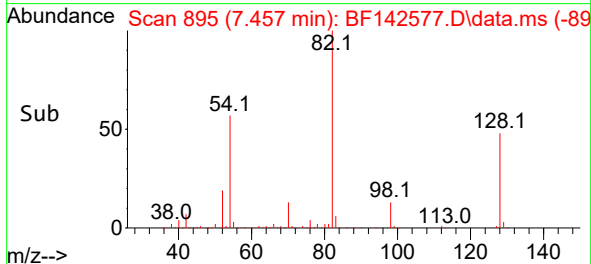
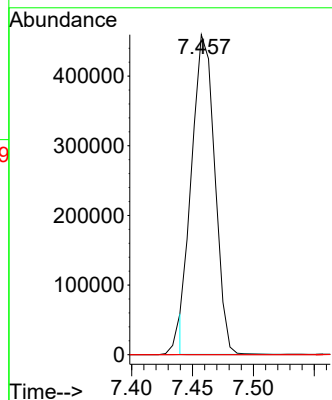
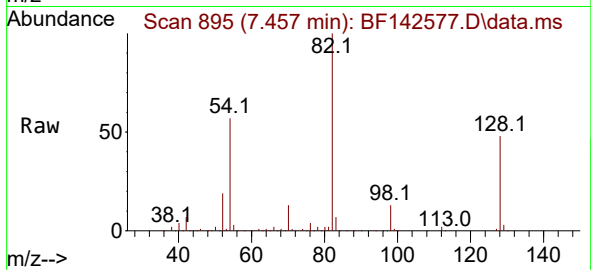




#25  
Isophorone  
Concen: 42.864 ng  
RT: 7.457 min Scan# 895  
Delta R.T. -0.276 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

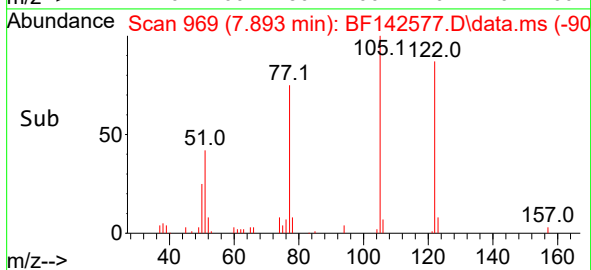
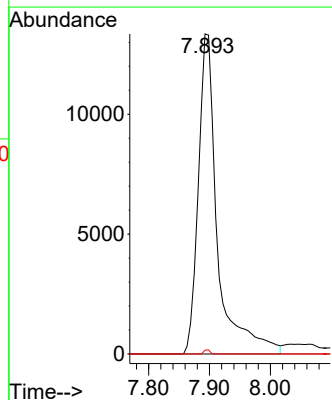
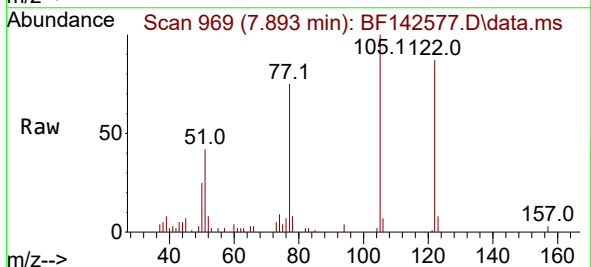
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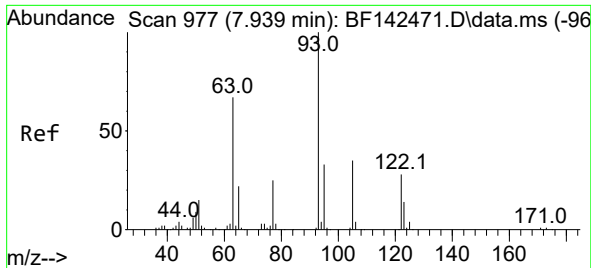
Tgt Ion: 82 Resp: 603089  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 15.5 23.3#



#27  
2,4-Dimethylphenol  
Concen: 4.095 ng  
RT: 7.893 min Scan# 969  
Delta R.T. 0.053 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion: 122 Resp: 29286  
Ion Ratio Lower Upper  
122 100  
107 0.0 88.1 132.1#  
121 1.2 47.3 70.9#

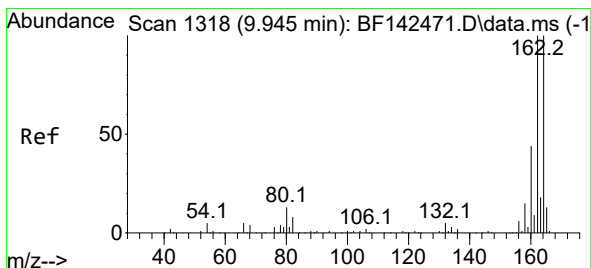
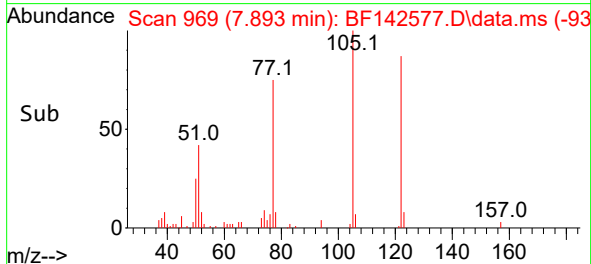
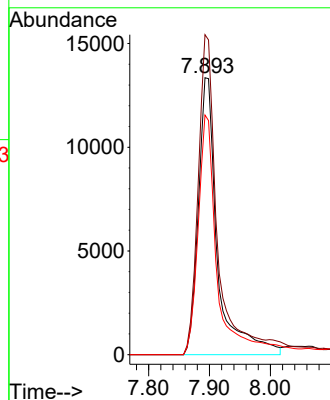
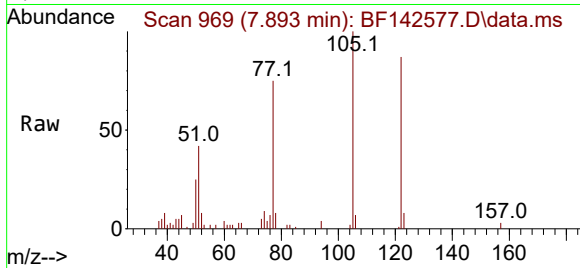




#32  
Benzoic acid  
Concen: 6.727 ng  
RT: 7.893 min Scan# 91  
Delta R.T. -0.082 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

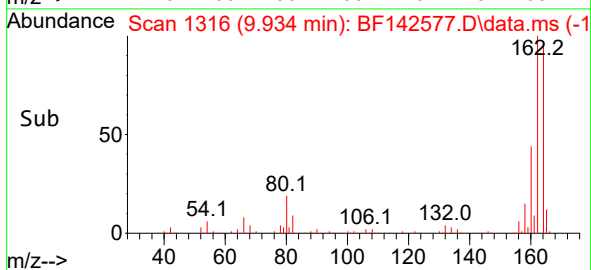
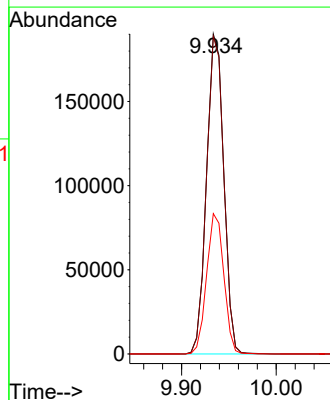
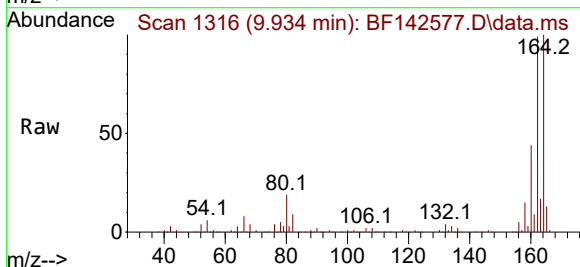
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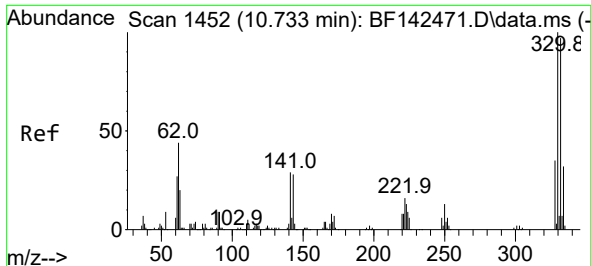
Tgt Ion:122 Resp: 29286  
Ion Ratio Lower Upper  
122 100  
105 115.5 101.7 141.7  
77 86.5 69.5 109.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.934 min Scan# 1316  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:164 Resp: 239948  
Ion Ratio Lower Upper  
164 100  
162 99.3 80.2 120.4  
160 43.8 35.6 53.4

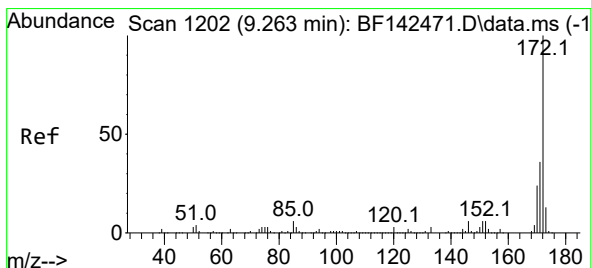
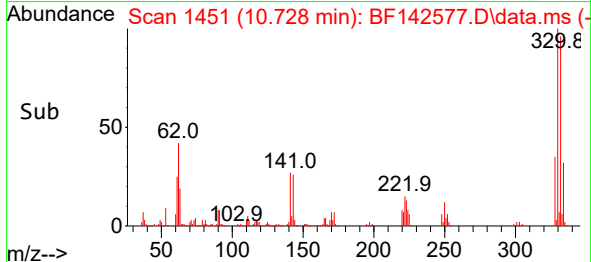
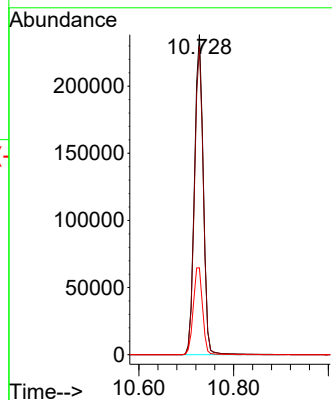
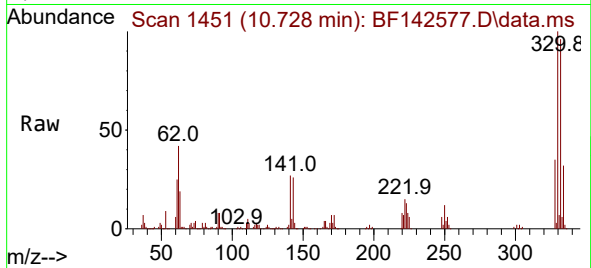




#42  
2,4,6-Tribromophenol  
Concen: 115.591 ng  
RT: 10.728 min Scan# 1452  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

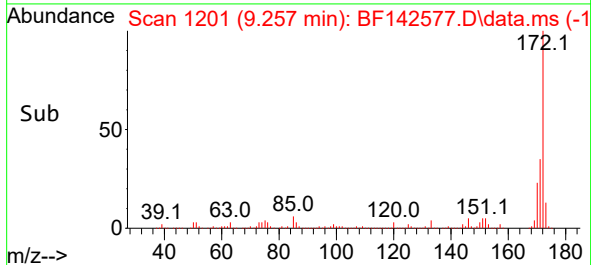
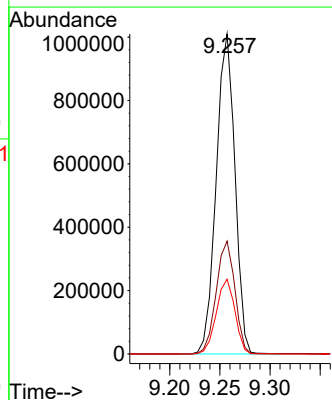
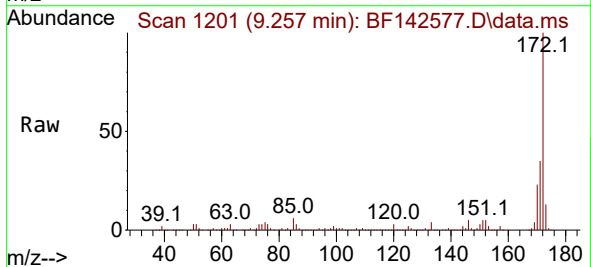
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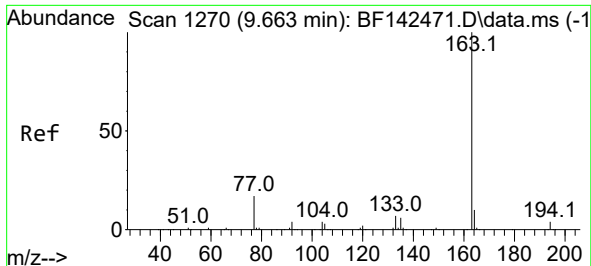
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Ion Ratio Lower Upper  
330 100  
332 96.2 77.6 116.4  
141 28.6 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 73.217 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:172 Resp: 1309254  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.6 42.8  
170 23.3 18.9 28.3

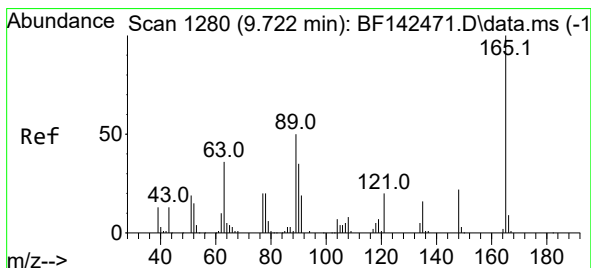
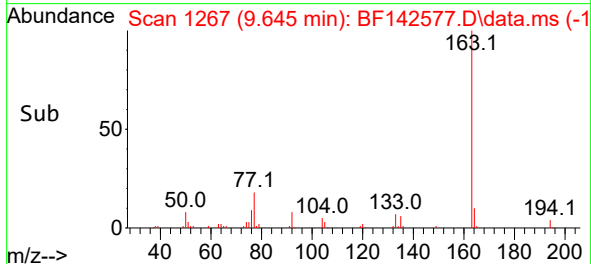
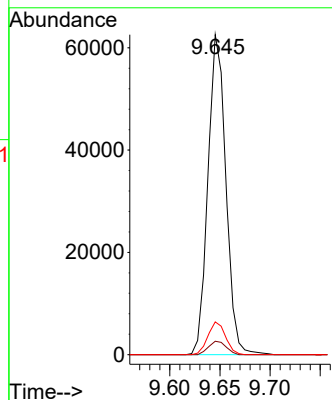
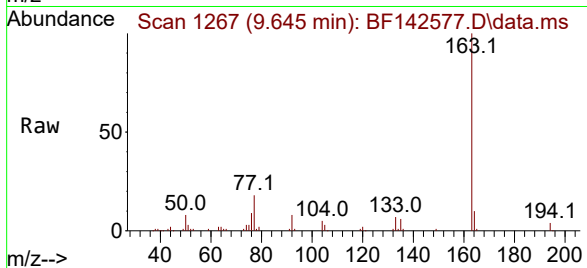




#50  
Dimethylphthalate  
Concen: 4.931 ng  
RT: 9.645 min Scan# 1316  
Delta R.T. -0.023 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

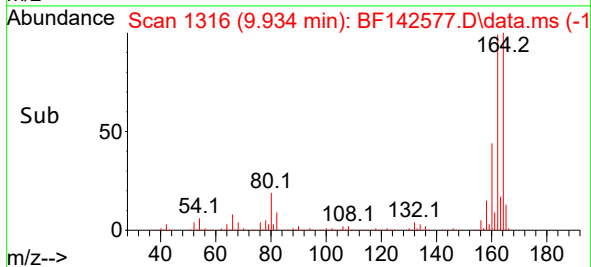
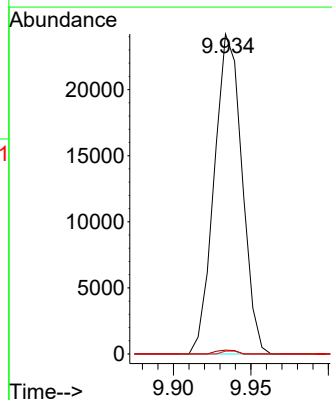
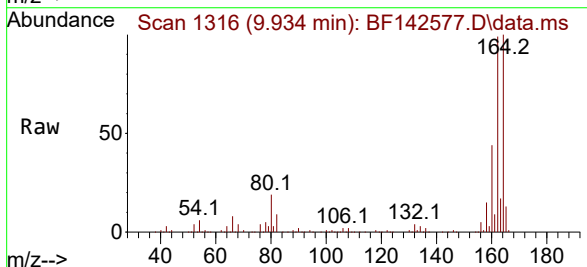
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BNA\_F  
ClientSampleId :  
TP04-MHN-WC

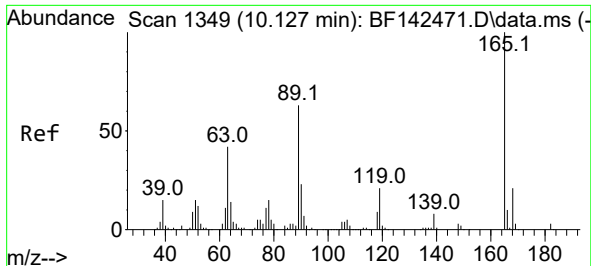
Tgt Ion:163 Resp: 78078  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.3 8.2 12.4



#51  
2,6-Dinitrotoluene  
Concen: 8.837 ng  
RT: 9.934 min Scan# 1316  
Delta R.T. 0.206 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:165 Resp: 30199  
Ion Ratio Lower Upper  
165 100  
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89 0.9 40.2 60.4#

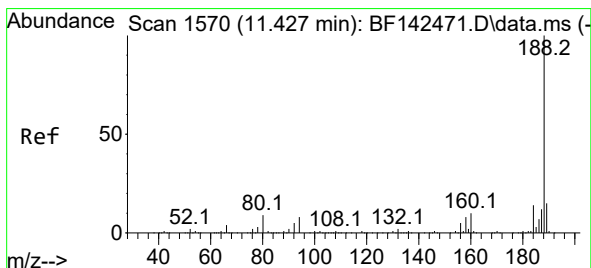
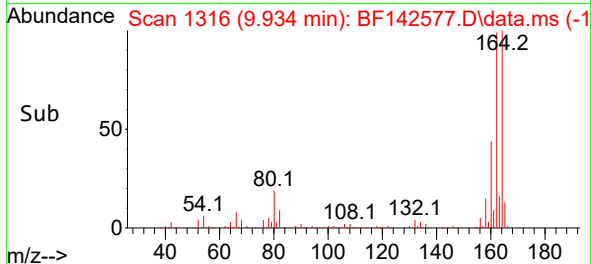
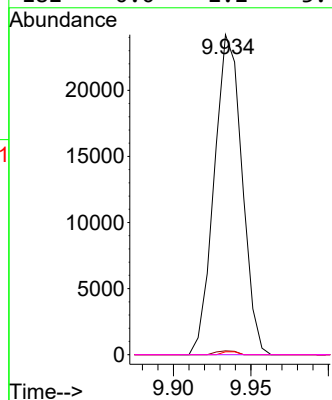
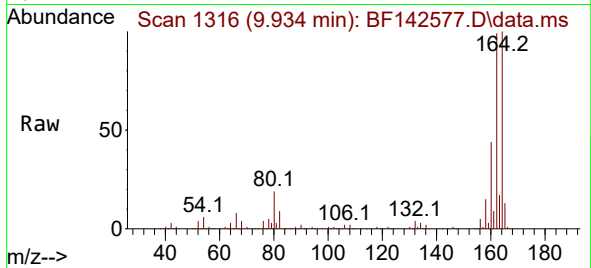




#57  
2,4-Dinitrotoluene  
Concen: 6.767 ng  
RT: 9.934 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

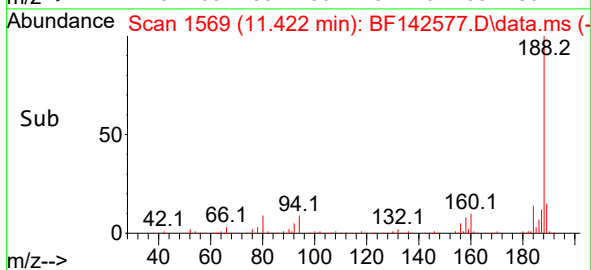
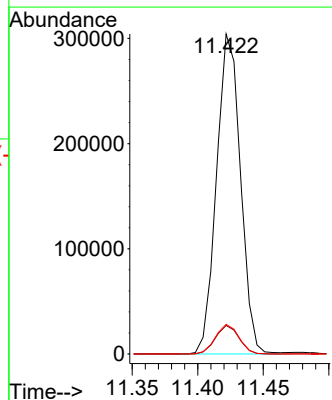
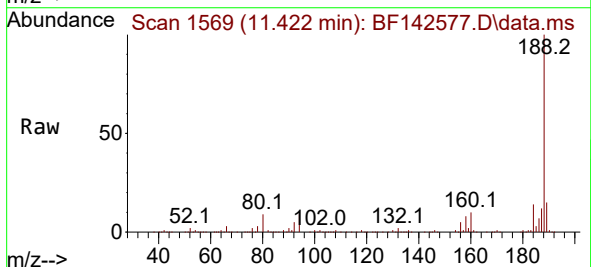
Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

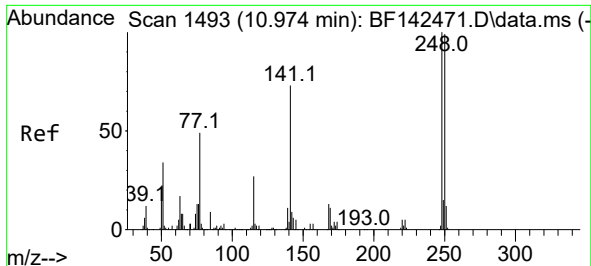
Tgt Ion:165 Resp: 30199  
Ion Ratio Lower Upper  
165 100  
63 1.2 33.6 50.4#  
89 0.9 50.2 75.4#  
182 0.0 2.2 3.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 1569  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:188 Resp: 386203  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.6 10.0  
80 9.3 7.4 11.0

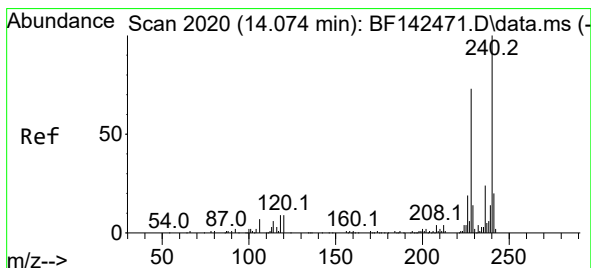
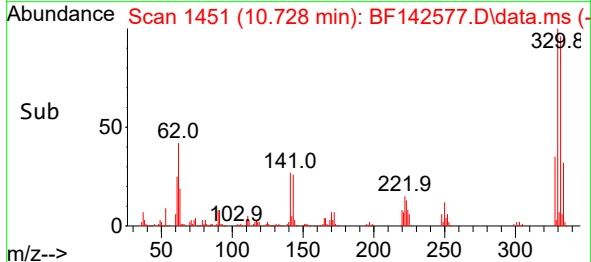
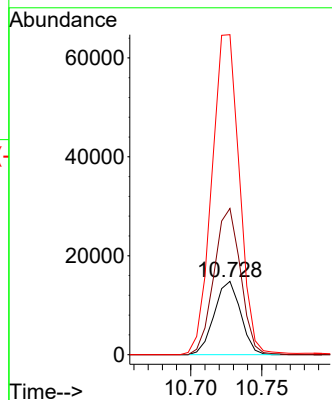
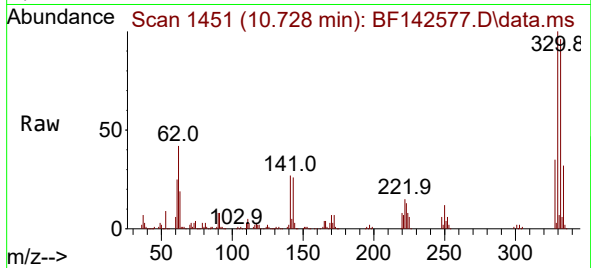




#67  
4-Bromophenyl-phenylether  
Concen: 4.197 ng  
RT: 10.728 min Scan# 14  
Delta R.T. -0.247 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

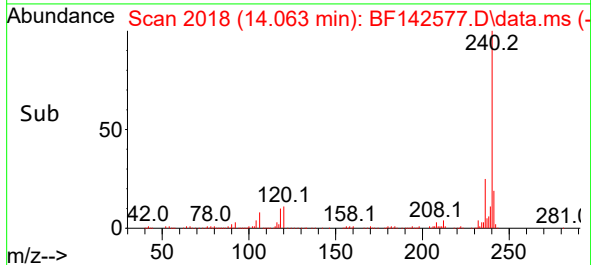
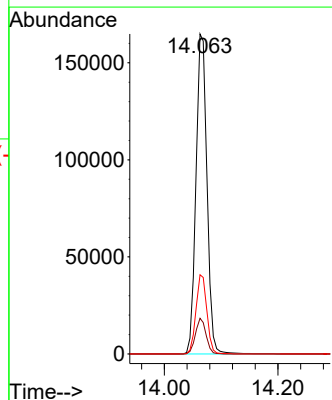
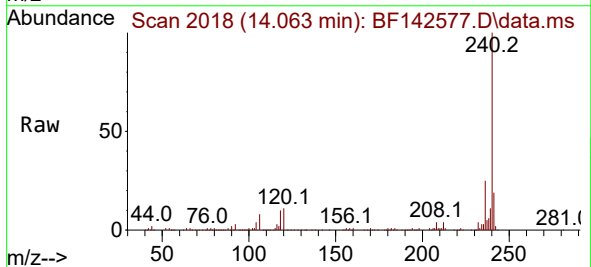
Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

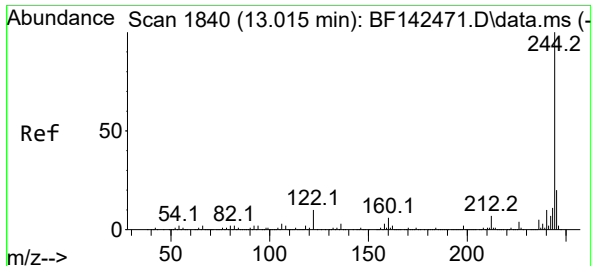
Tgt Ion:248 Resp: 19164  
Ion Ratio Lower Upper  
248 100  
250 199.7 79.0 118.4#  
141 437.0 58.4 87.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.012 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:240 Resp: 222868  
Ion Ratio Lower Upper  
240 100  
120 11.1 7.5 11.3  
236 24.8 19.6 29.4

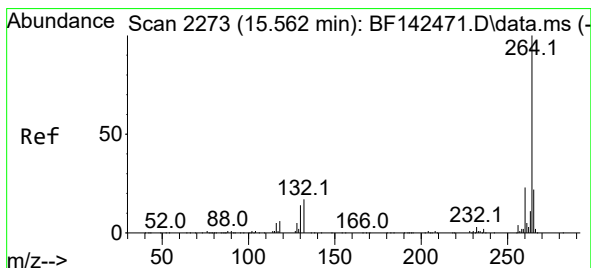
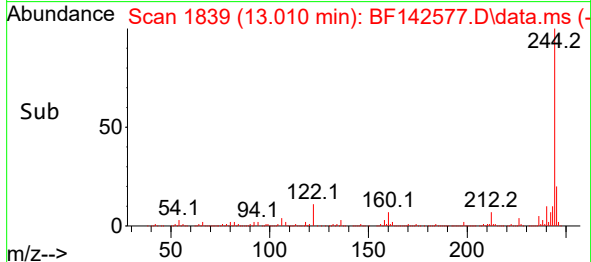
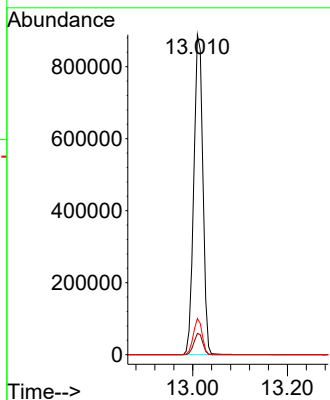
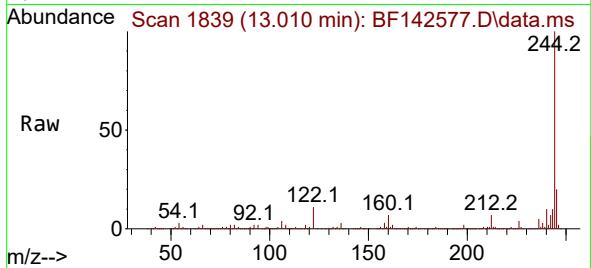




#79  
Terphenyl-d14  
Concen: 72.184 ng  
RT: 13.010 min Scan# 1839  
Delta R.T. -0.006 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Instrument :  
BNA\_F  
ClientSampleId :  
TP04-MHN-WC

Tgt Ion:244 Resp: 1177240  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.3 7.9  
122 11.3 8.2 12.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.563 min Scan# 2273  
Delta R.T. -0.006 min  
Lab File: BF142577.D  
Acq: 30 May 2025 18:46

Tgt Ion:264 Resp: 239278  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.6 28.0  
265 21.3 17.7 26.5

