

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020525\  
 Data File : BF141448.D  
 Acq On : 05 Feb 2025 15:43  
 Operator : RC/JU  
 Sample : PB166318TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166318TB

Quant Time: Feb 05 16:59:35 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 29 17:41:25 2025  
 Response via : Initial Calibration

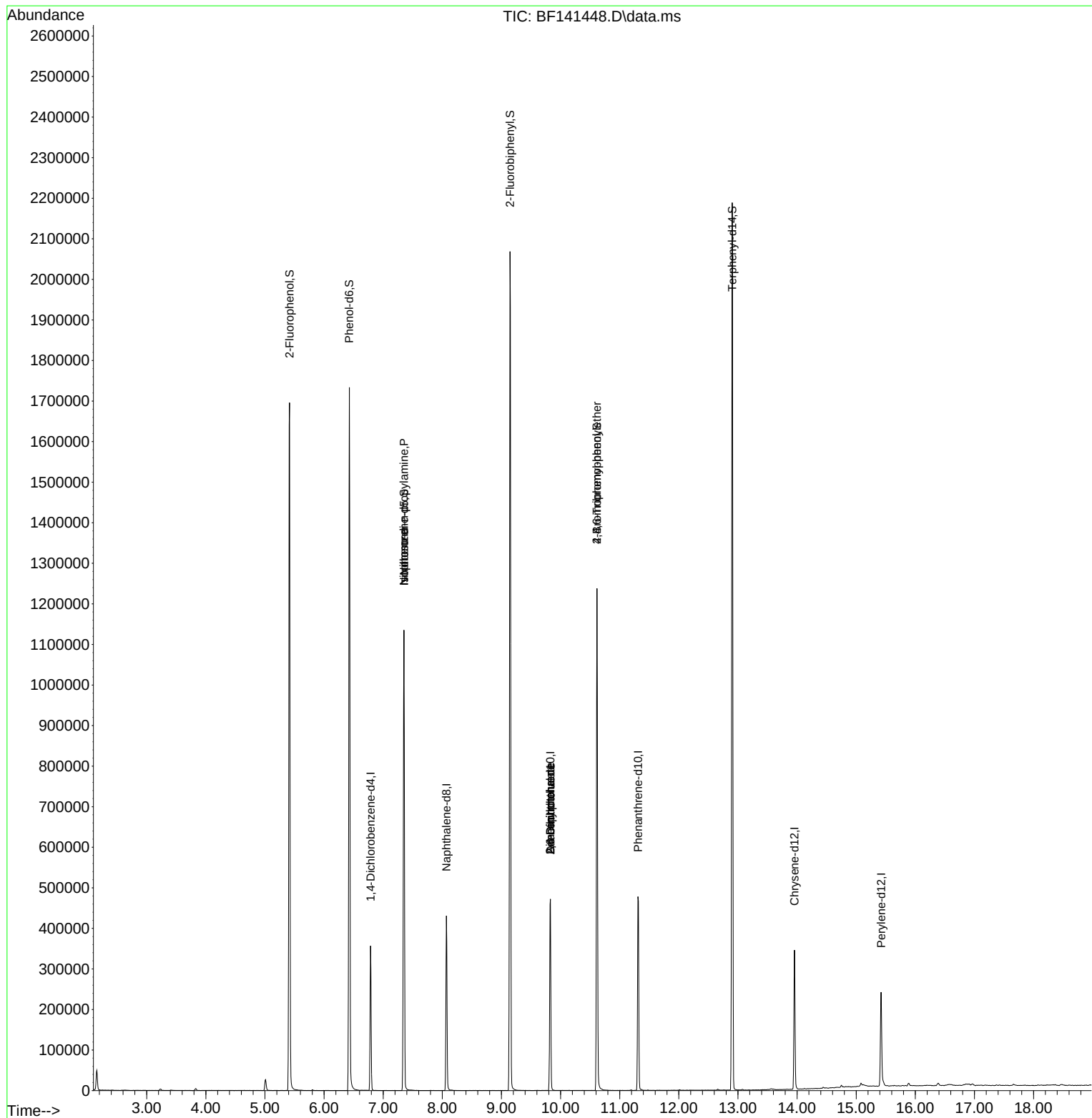
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.786  | 152  | 70021    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.069  | 136  | 275257   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 9.827  | 164  | 148604   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.310 | 188  | 258070   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12              | 13.957 | 240  | 172413   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 15.421 | 264  | 140295   | 20.000  | ng    | -0.02    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 615283   | 134.900 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.428  | 99   | 751657   | 129.547 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.351  | 82   | 502343   | 96.207  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.616 | 330  | 193771   | 142.232 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl          | 9.145  | 172  | 945516   | 97.933  | ng    | -0.02    |
| 79) Terphenyl-d14             | 12.904 | 244  | 1073395  | 96.012  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.351  | 70   | 68486    | 19.864  | ng    | # 76     |
| 25) Isophorone                | 7.351  | 82   | 497274   | 55.095  | ng    | # 64     |
| 50) Dimethylphthalate         | 9.827  | 163  | 23071    | 2.299   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.827  | 165  | 18850    | 8.089   | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.827  | 165  | 18850    | 6.247   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 10.616 | 248  | 13492    | 4.670   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

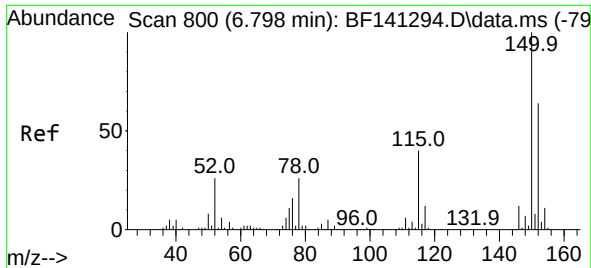
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020525\  
Data File : BF141448.D  
Acq On : 05 Feb 2025 15:43  
Operator : RC/JU  
Sample : PB166318TB  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

Quant Time: Feb 05 16:59:35 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 29 17:41:25 2025  
Response via : Initial Calibration

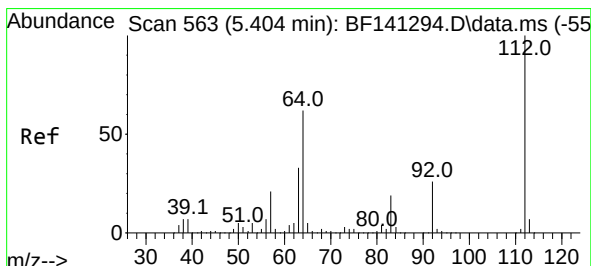
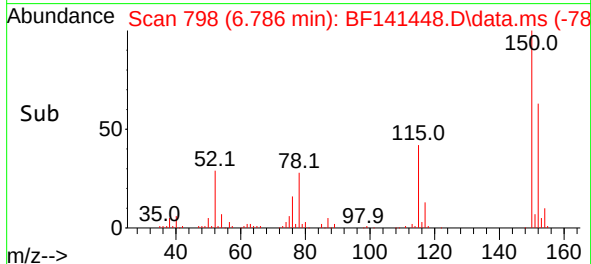
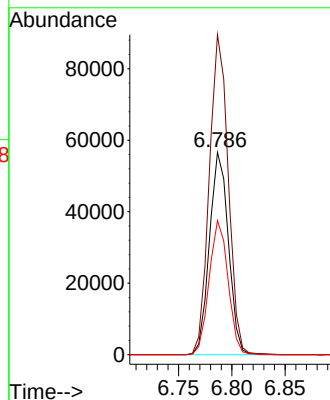
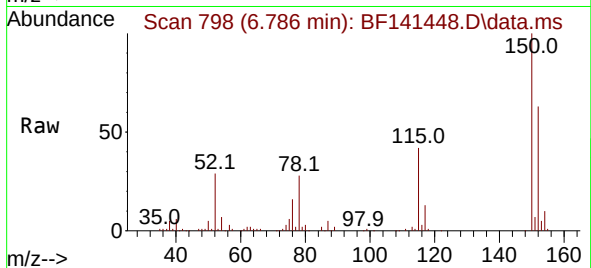




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.786 min Scan# 79  
Delta R.T. -0.018 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

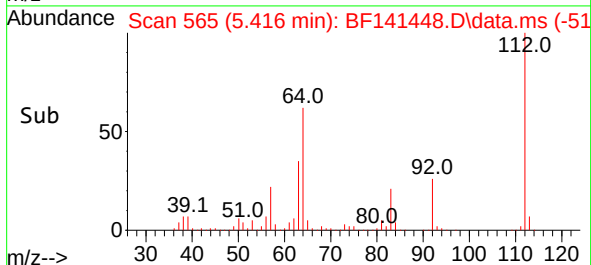
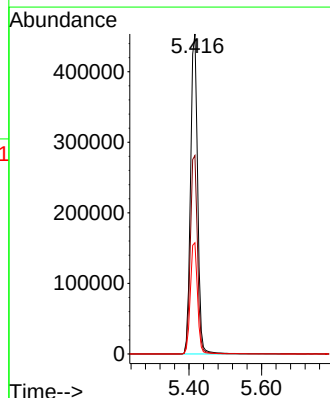
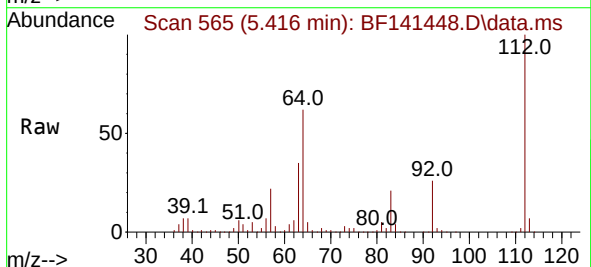
Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

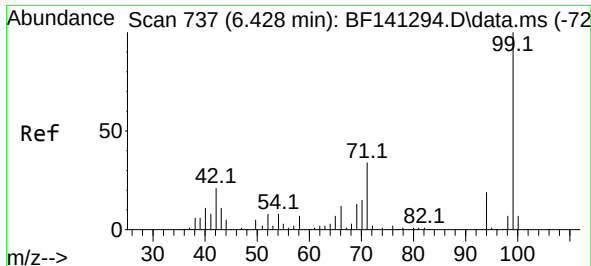
Tgt Ion:152 Resp: 70021  
Ion Ratio Lower Upper  
152 100  
150 158.1 125.9 188.9  
115 66.3 49.7 74.5



#5  
2-Fluorophenol  
Concen: 134.900 ng  
RT: 5.416 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

Tgt Ion:112 Resp: 615283  
Ion Ratio Lower Upper  
112 100  
64 62.0 49.8 74.8  
63 34.7 26.1 39.1





#7

Phenol-d6

Concen: 129.547 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141448.D

Acq: 05 Feb 2025 15:43

Instrument :

BNA\_F

ClientSampleId :

PB166318TB

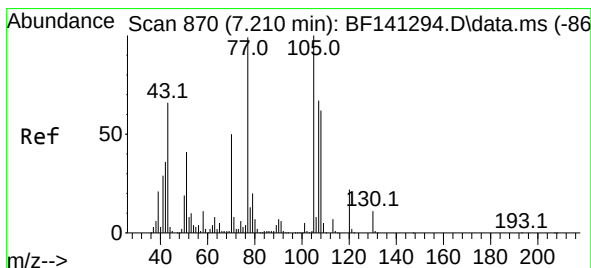
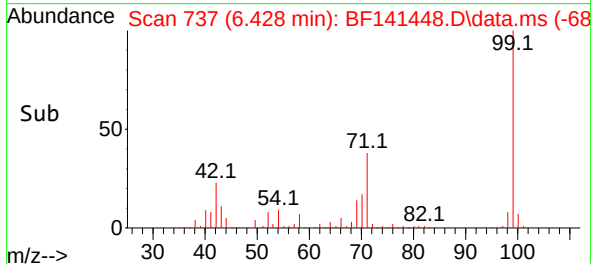
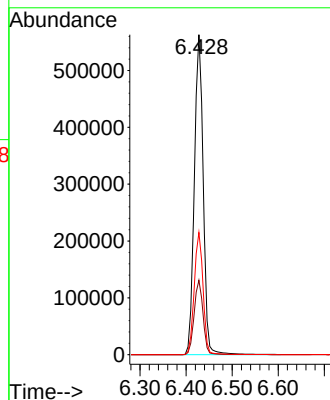
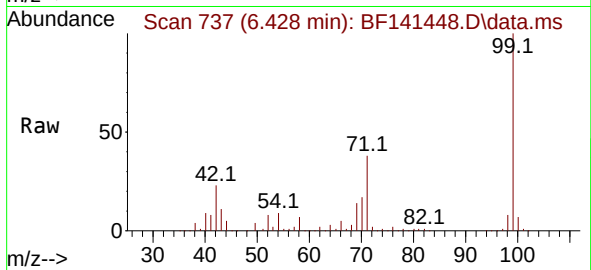
Tgt Ion: 99 Resp: 751657

Ion Ratio Lower Upper

99 100

42 23.2 17.1 25.7

71 38.2 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.864 ng

RT: 7.351 min Scan# 894

Delta R.T. 0.123 min

Lab File: BF141448.D

Acq: 05 Feb 2025 15:43

Tgt Ion: 70 Resp: 68486

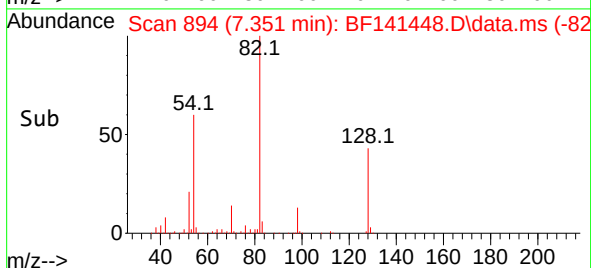
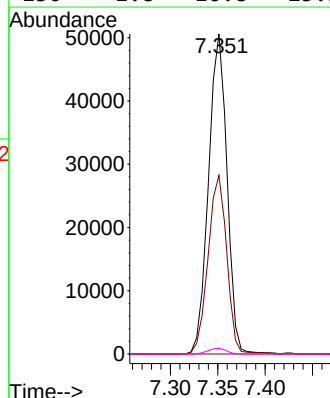
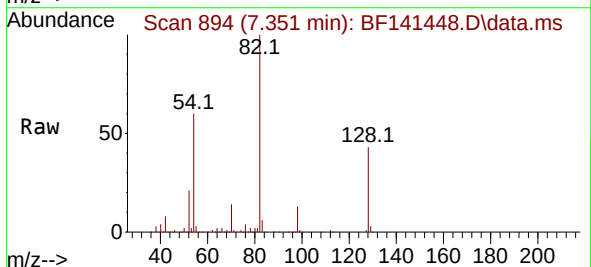
Ion Ratio Lower Upper

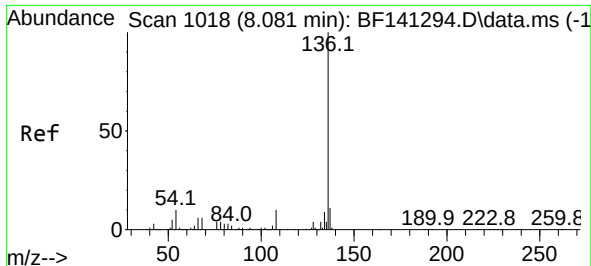
70 100

42 55.8 56.8 85.2#

101 0.0 7.7 11.5#

130 1.8 16.8 25.2#

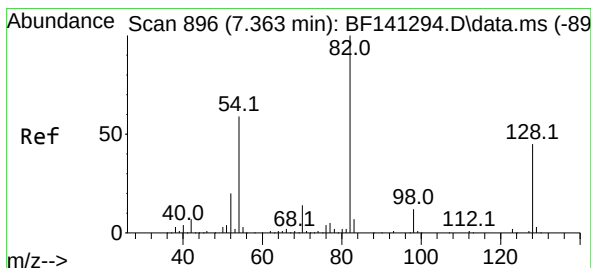
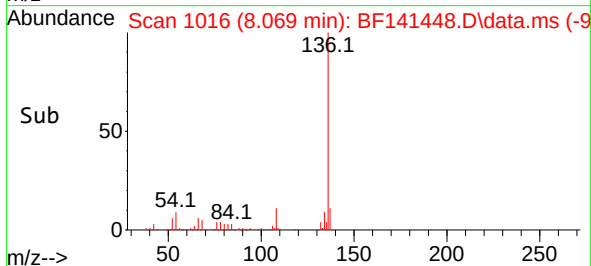
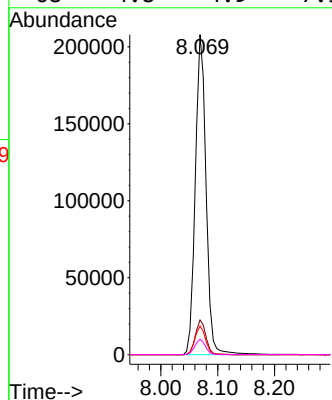
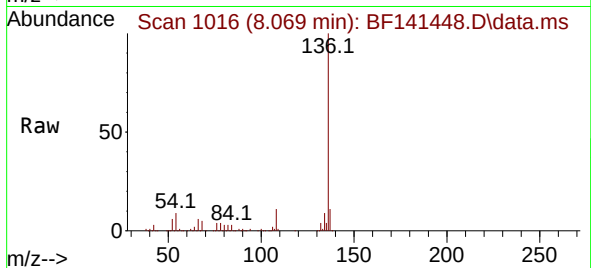




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.018 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

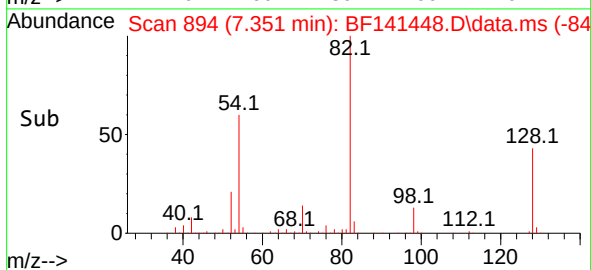
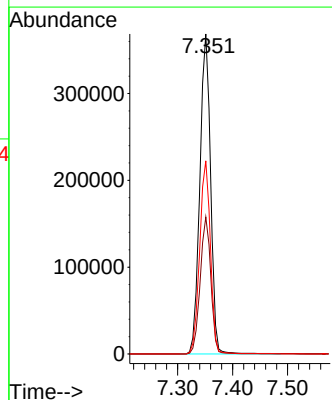
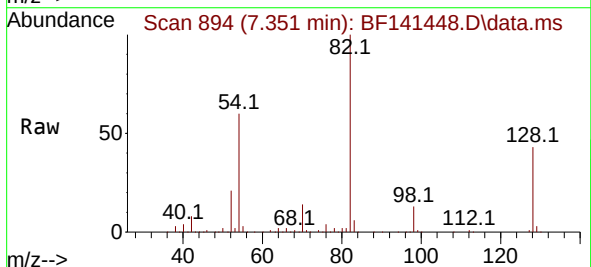
Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

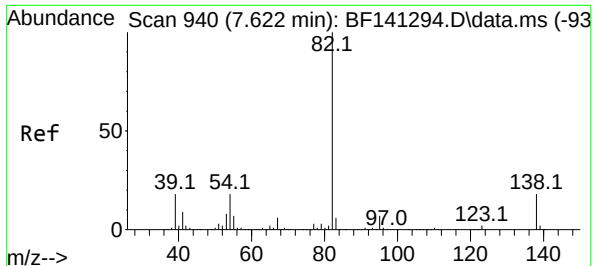
|             |              |
|-------------|--------------|
| Tgt Ion:136 | Resp: 275257 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.8    | 8.6 13.0     |
| 54 8.9      | 7.8 11.8     |
| 68 4.8      | 4.9 7.3#     |



#23  
Nitrobenzene-d5  
Concen: 96.207 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.018 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 502343 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 42.8    | 35.7 53.5    |
| 54 60.3     | 47.1 70.7    |

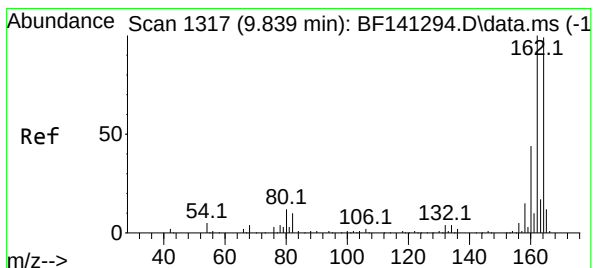
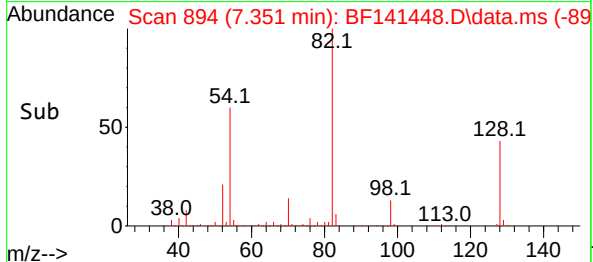
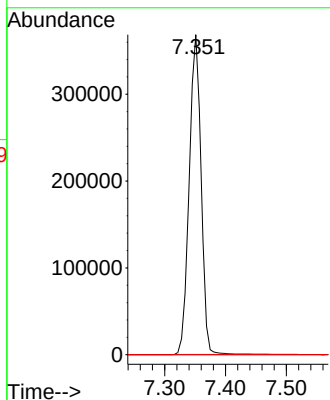
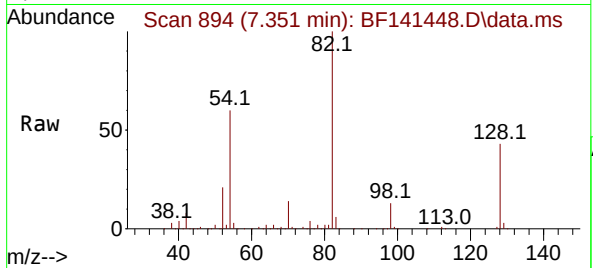




#25  
Isophorone  
Concen: 55.095 ng  
RT: 7.351 min Scan# 894  
Delta R.T. -0.277 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

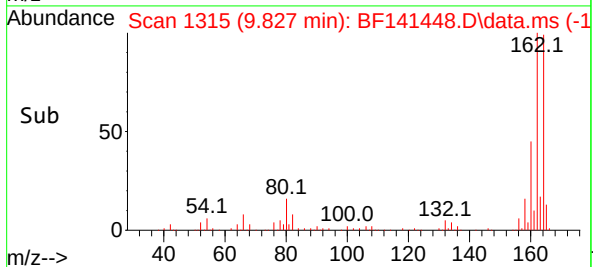
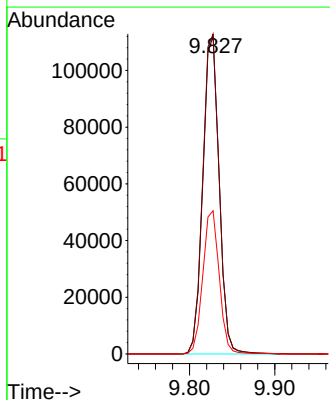
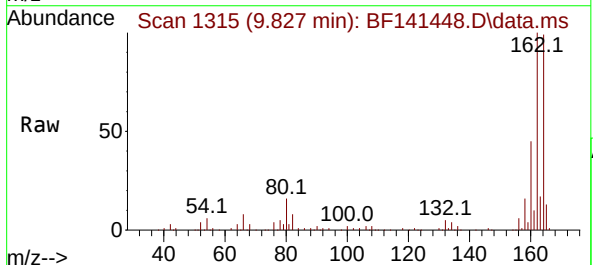
Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

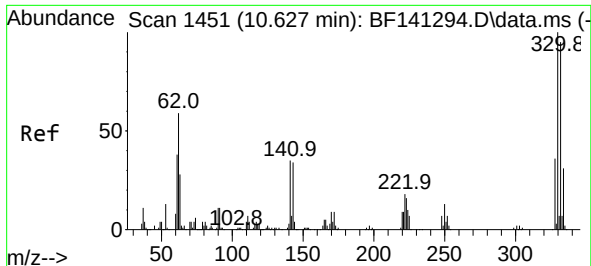
Tgt Ion: 82 Resp: 497274  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 14.7 22.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.827 min Scan# 1315  
Delta R.T. -0.012 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

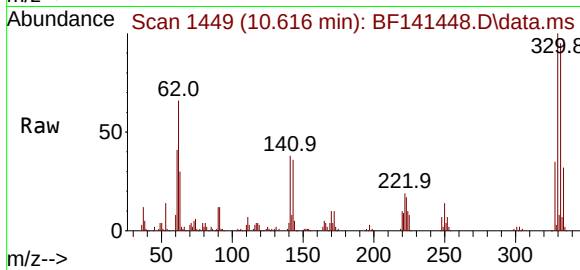
Tgt Ion:164 Resp: 148604  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.6 121.0  
160 45.1 35.8 53.6



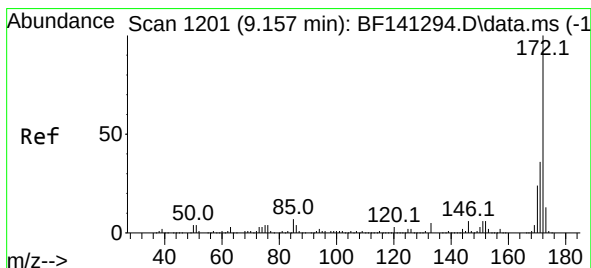
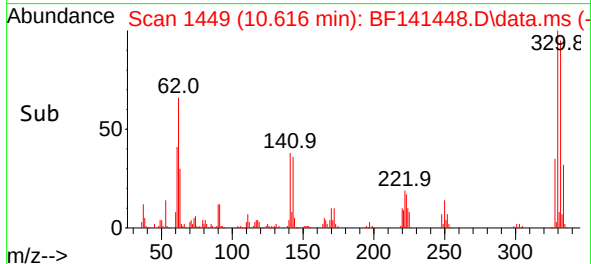
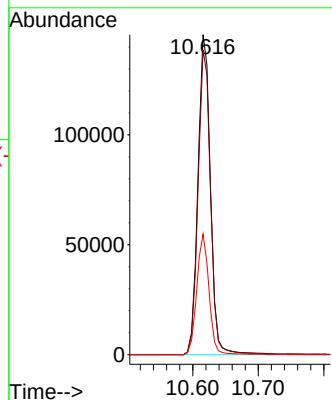


#42  
2,4,6-Tribromophenol  
Concen: 142.232 ng  
RT: 10.616 min Scan# 1449  
Delta R.T. -0.018 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

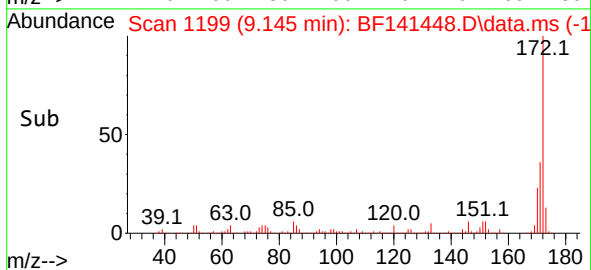
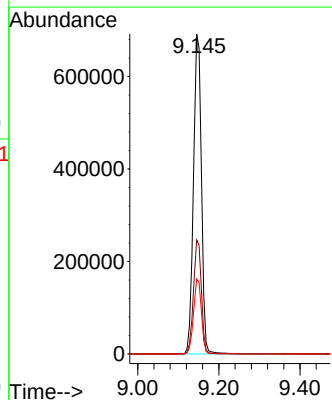
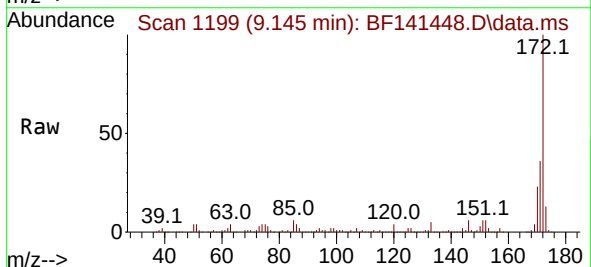


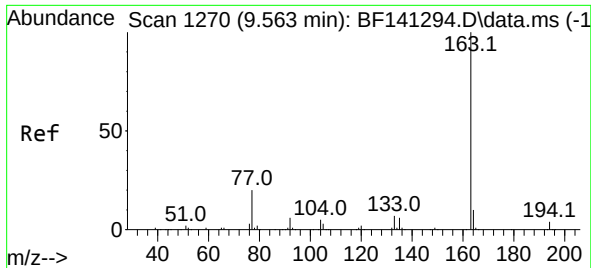
Tgt Ion:330 Resp: 193771  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.1 114.1  
141 36.9 28.8 43.2



#45  
2-Fluorobiphenyl  
Concen: 97.933 ng  
RT: 9.145 min Scan# 1199  
Delta R.T. -0.018 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

Tgt Ion:172 Resp: 945516  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.8 43.2  
170 23.4 19.0 28.6

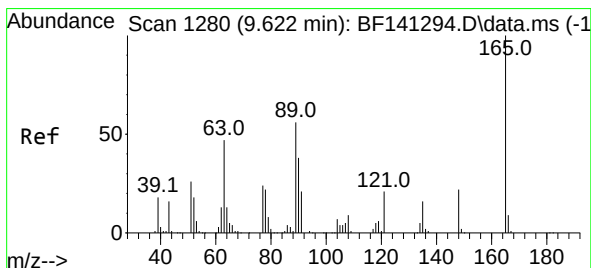
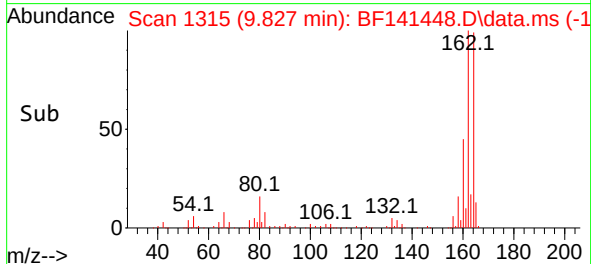
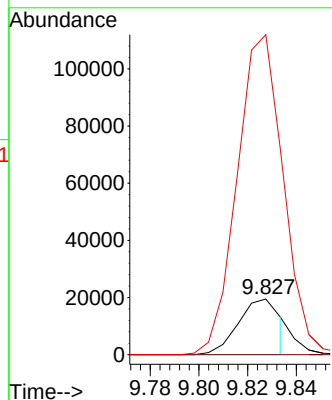
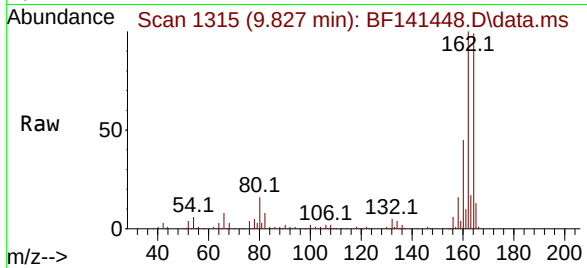




#50  
Dimethylphthalate  
Concen: 2.299 ng  
RT: 9.827 min Scan# 1315  
Delta R.T. 0.259 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

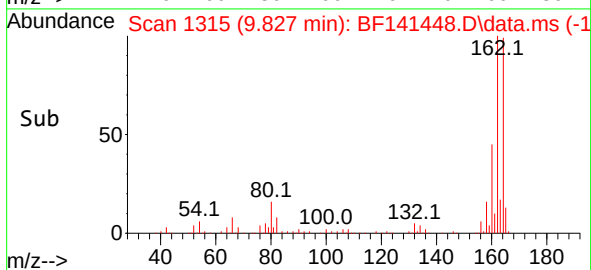
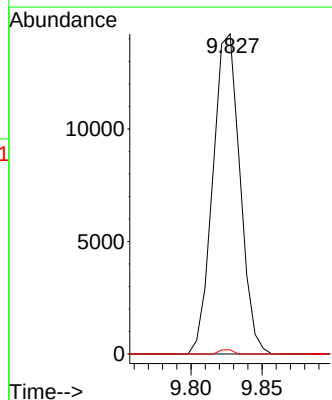
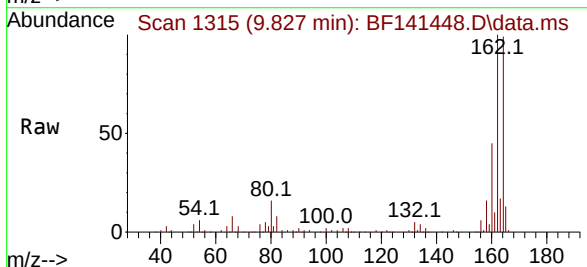
Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

Tgt Ion:163 Resp: 23071  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.0 4.6#  
164 575.0 8.0 12.0#

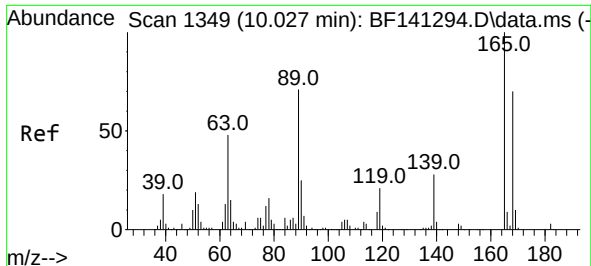


#51  
2,6-Dinitrotoluene  
Concen: 8.089 ng  
RT: 9.827 min Scan# 1315  
Delta R.T. 0.200 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

Tgt Ion:165 Resp: 18850  
Ion Ratio Lower Upper  
165 100  
63 0.0 48.1 72.1#  
89 1.3 44.9 67.3#



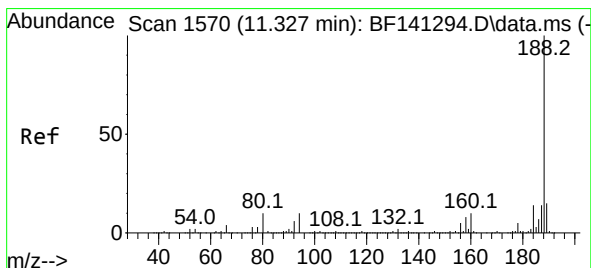
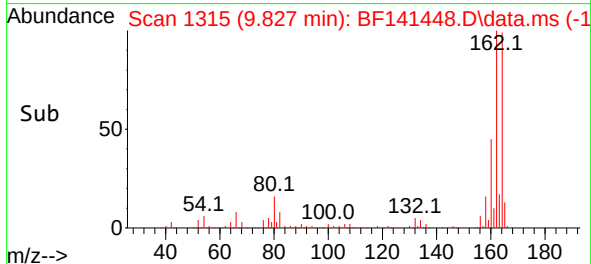
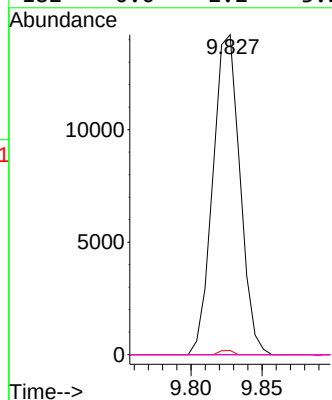
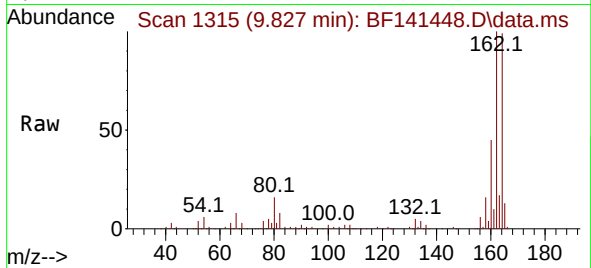




#57  
2,4-Dinitrotoluene  
Concen: 6.247 ng  
RT: 9.827 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

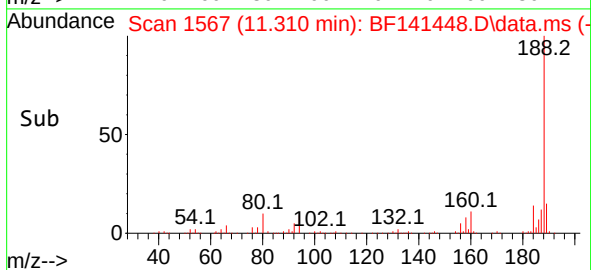
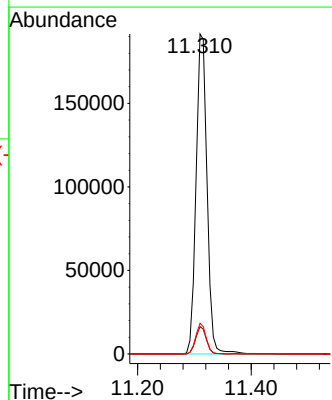
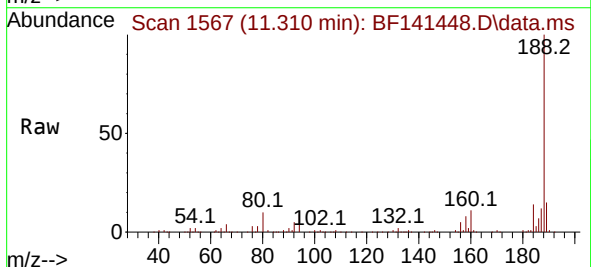
Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

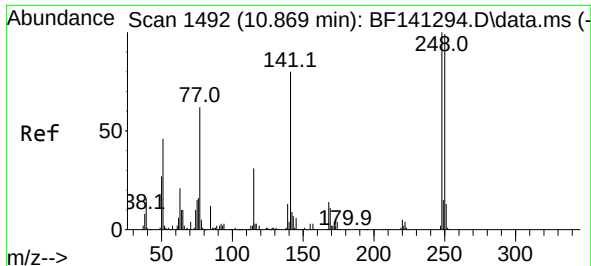
Tgt Ion:165 Resp: 18850  
Ion Ratio Lower Upper  
165 100  
63 0.0 39.2 58.8#  
89 1.3 56.9 85.3#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1567  
Delta R.T. -0.018 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

Tgt Ion:188 Resp: 258070  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.8 11.6  
80 9.6 8.2 12.4

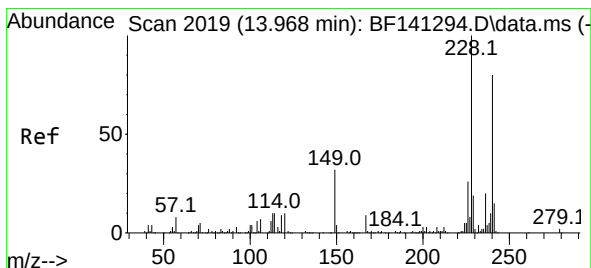
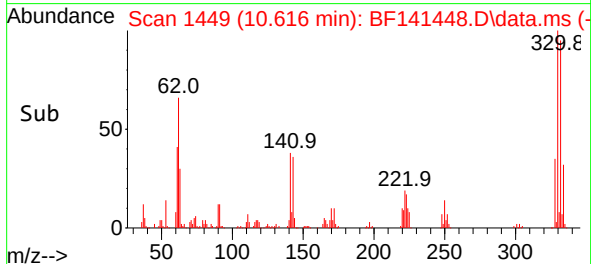
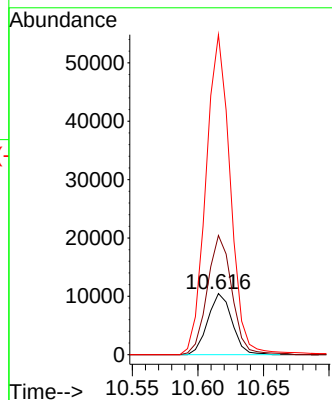
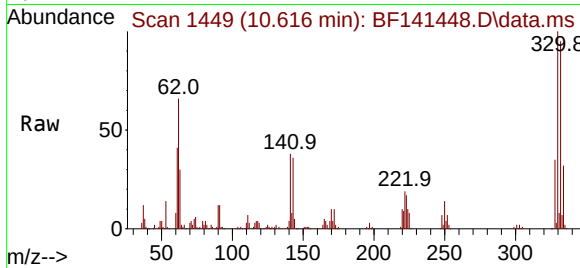




#67  
4-Bromophenyl-phenylether  
Concen: 4.670 ng  
RT: 10.616 min Scan# 1492  
Delta R.T. -0.259 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

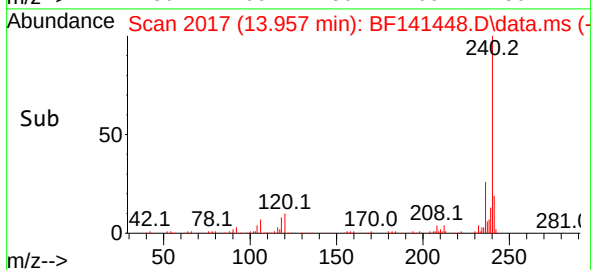
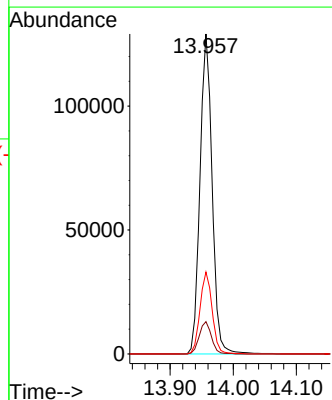
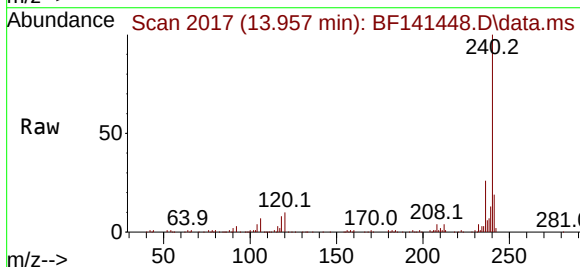
Instrument :  
BNA\_F  
ClientSampleId :  
PB166318TB

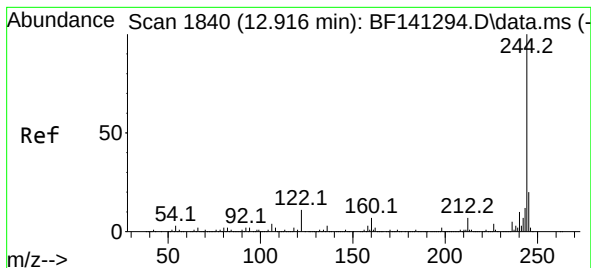
Tgt Ion:248 Resp: 13492  
Ion Ratio Lower Upper  
248 100  
250 194.9 79.0 118.4#  
141 523.0 63.7 95.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2017  
Delta R.T. -0.018 min  
Lab File: BF141448.D  
Acq: 05 Feb 2025 15:43

Tgt Ion:240 Resp: 172413  
Ion Ratio Lower Upper  
240 100  
120 10.1 10.0 15.0  
236 25.6 19.7 29.5





#79

Terphenyl-d14

Concen: 96.012 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141448.D

Acq: 05 Feb 2025 15:43

Instrument :

BNA\_F

ClientSampleId :

PB166318TB

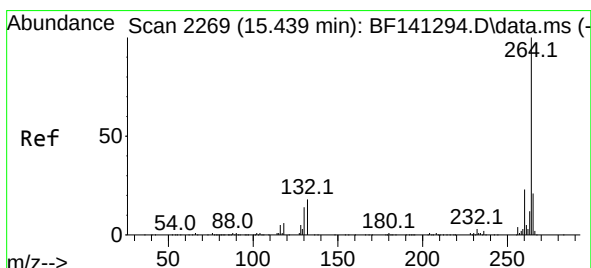
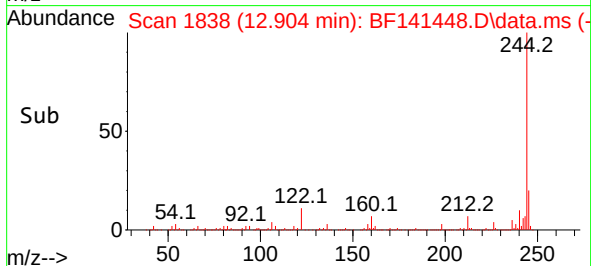
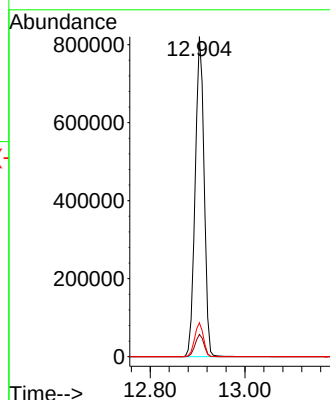
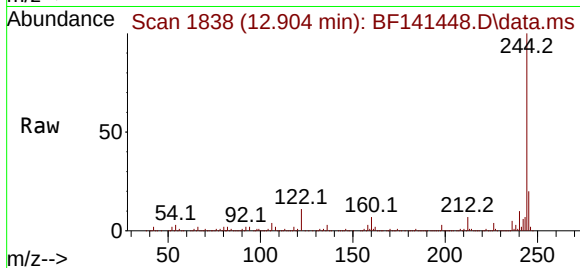
Tgt Ion:244 Resp: 1073395

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.6 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141448.D

Acq: 05 Feb 2025 15:43

Tgt Ion:264 Resp: 140295

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.3 16.7 25.1

