

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051325\  
 Data File : BF142354.D  
 Acq On : 13 May 2025 20:04  
 Operator : RC/JU  
 Sample : Q2007-31  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-636-COMP-15

Quant Time: May 14 00:57:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

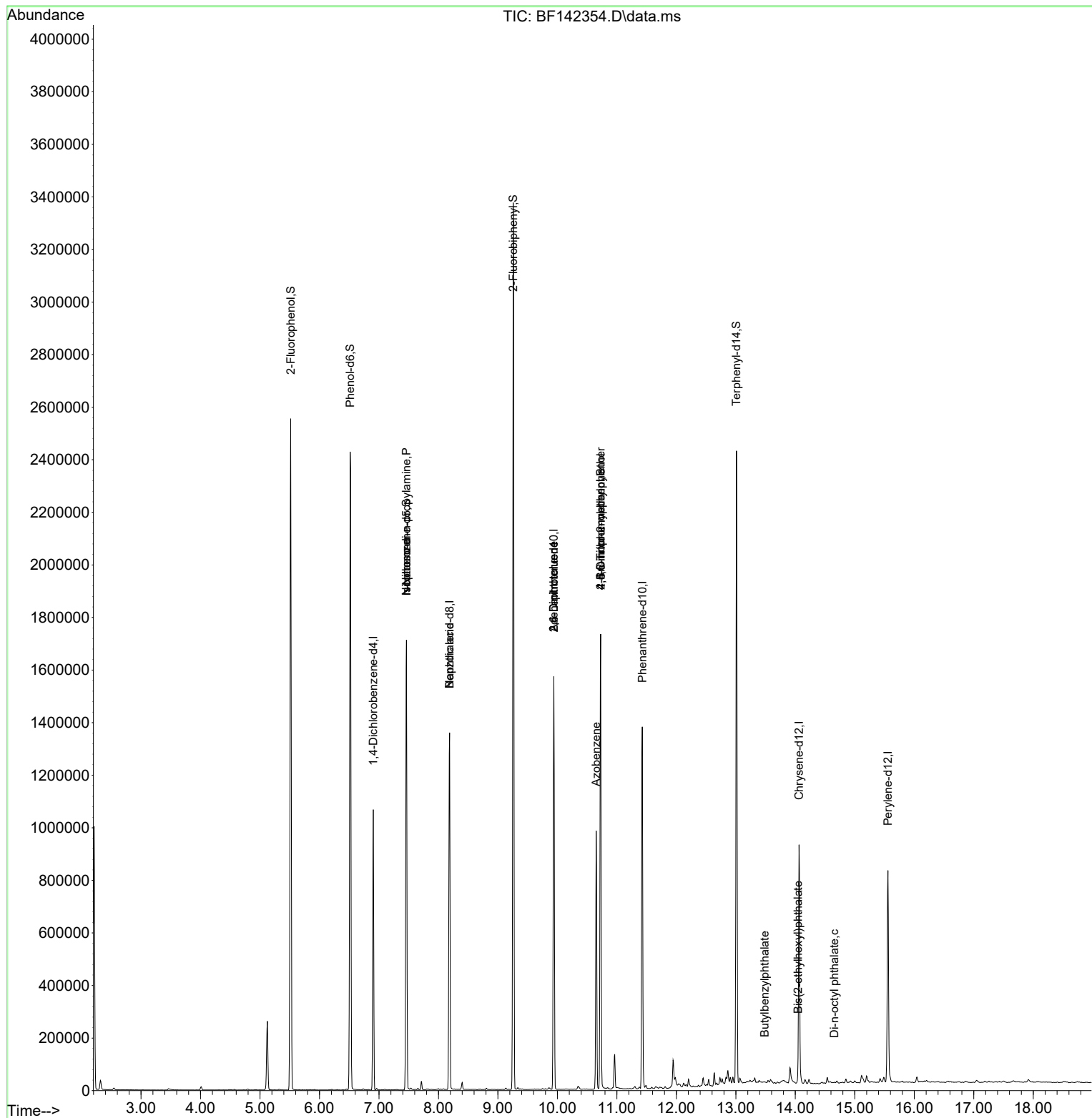
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.904  | 152  | 223475   | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.186  | 136  | 868771   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.939  | 164  | 457138   | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 707793   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12              | 14.062 | 240  | 425323   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 468945   | 20.000 | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 974799   | 74.463 | ng     | 0.00     |
| 7) Phenol-d6                  | 6.516  | 99   | 1191953  | 74.030 | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.463  | 82   | 716316   | 50.285 | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.727 | 330  | 303655   | 68.800 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 1537243  | 47.949 | ng     | 0.00     |
| 79) Terphenyl-d14             | 13.010 | 244  | 1149914  | 40.017 | ng     | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 19) n-Nitroso-di-n-propyla... | 7.463  | 70   | 97127    | 9.752  | ng     | # 77     |
| 25) Isophorone                | 7.463  | 82   | 703233   | 26.070 | ng     | # 62     |
| 32) Benzoic acid              | 8.186  | 122  | 132      | 6.033  | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.939  | 165  | 58821    | 10.705 | ng     | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.939  | 165  | 58821    | 8.346  | ng     | # 25     |
| 63) Azobenzene                | 10.651 | 77   | 228326   | 8.151  | ng     | # 1      |
| 65) 4,6-Dinitro-2-methylph... | 10.727 | 198  | 599      | 7.339  | ng     | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.727 | 248  | 18145    | 2.262  | ng     | # 1      |
| 80) Butylbenzylphthalate      | 13.486 | 149  | 1497     | 3.784  | ng     | # 80     |
| 84) Bis(2-ethylhexyl)phtha... | 14.045 | 149  | 8476     | 4.774  | ng     | 98       |
| 85) Di-n-octyl phthalate      | 14.657 | 149  | 852      | 7.867  | ng     | # 4      |
| -----                         |        |      |          |        |        |          |

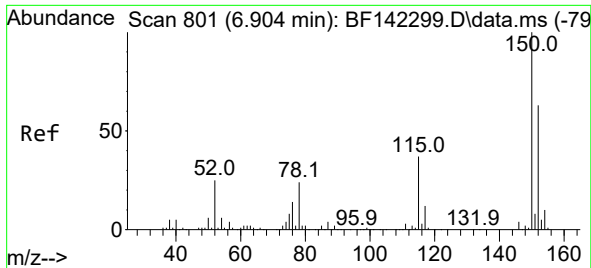
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051325\  
Data File : BF142354.D  
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Instrument :  
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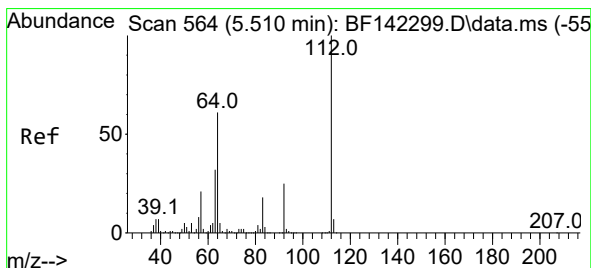
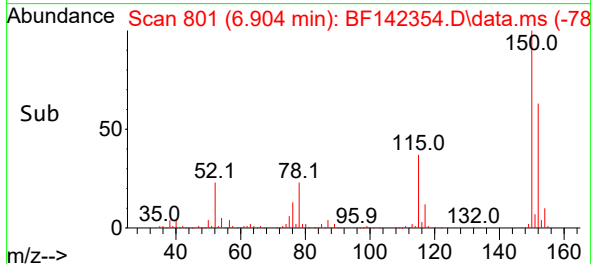
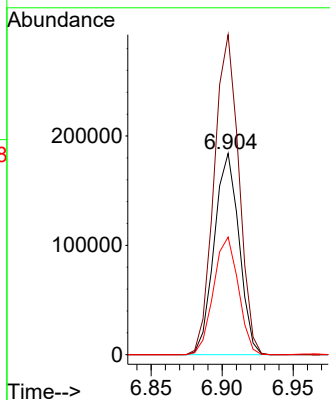
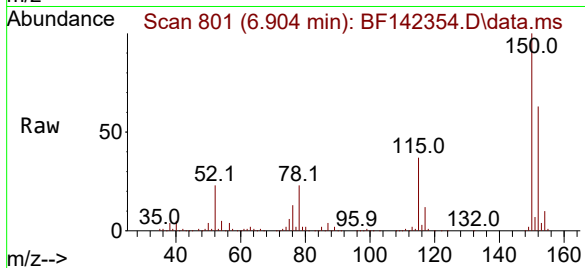




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

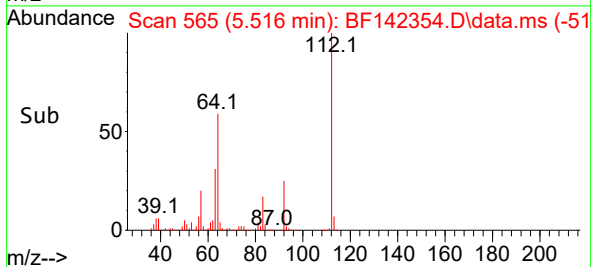
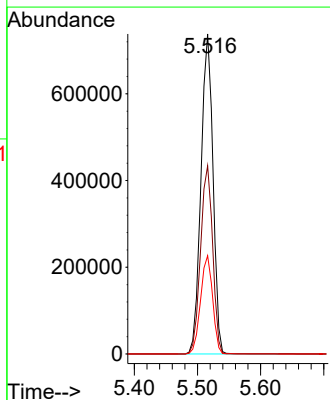
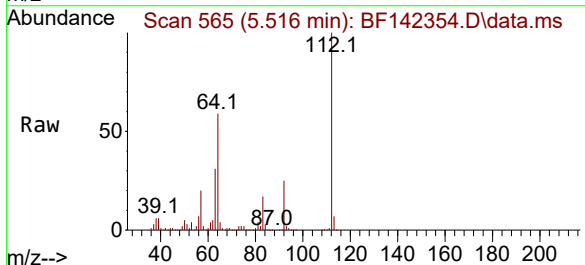
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-15

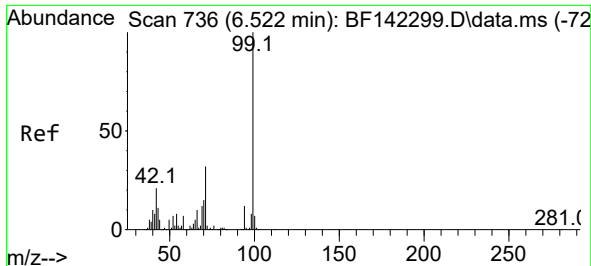
Tgt Ion:152 Resp: 223475  
Ion Ratio Lower Upper  
152 100  
150 159.0 126.6 190.0  
115 58.4 47.3 70.9



#5  
2-Fluorophenol  
Concen: 74.463 ng  
RT: 5.516 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

Tgt Ion:112 Resp: 974799  
Ion Ratio Lower Upper  
112 100  
64 58.8 48.9 73.3  
63 30.7 25.6 38.4

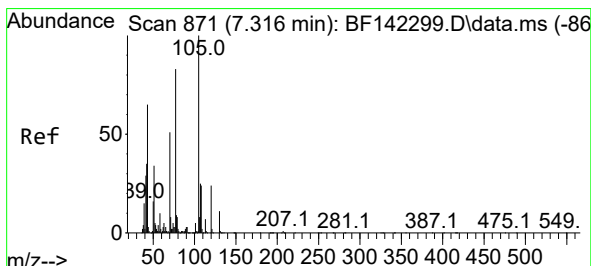
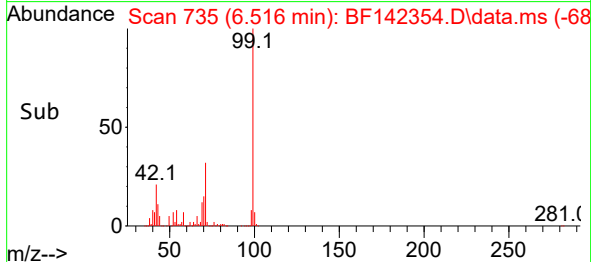
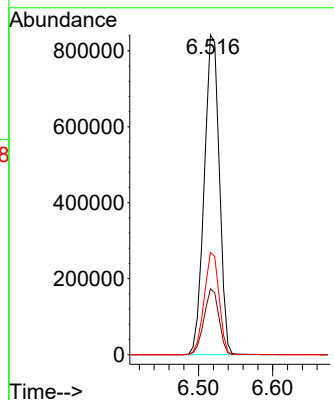
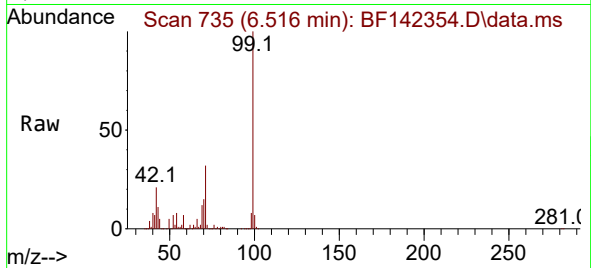




#7  
Phenol-d6  
Concen: 74.030 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

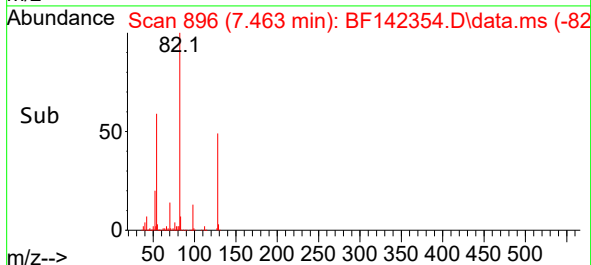
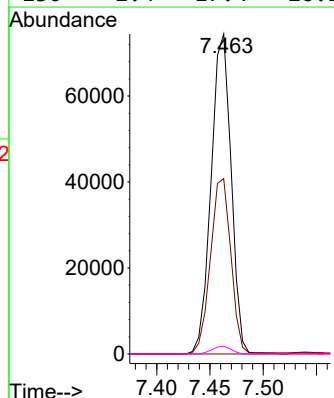
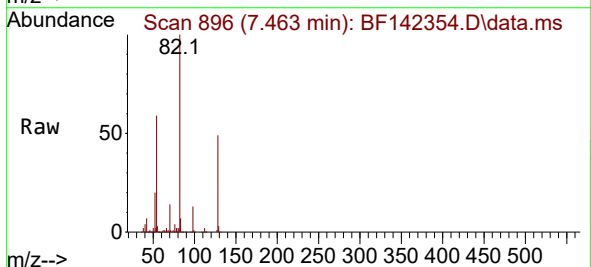
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-15

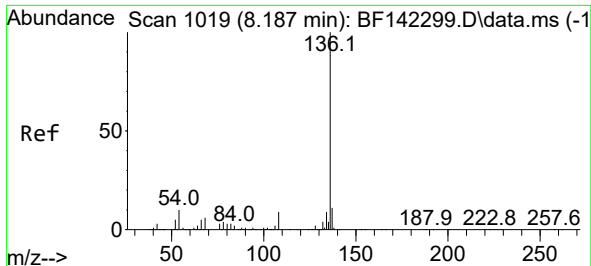
Tgt Ion: 99 Resp: 1191953  
Ion Ratio Lower Upper  
99 100  
42 20.6 17.0 25.4  
71 32.0 25.8 38.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 9.752 ng  
RT: 7.463 min Scan# 896  
Delta R.T. 0.147 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

Tgt Ion: 70 Resp: 97127  
Ion Ratio Lower Upper  
70 100  
42 54.8 54.8 82.2  
101 0.0 7.7 11.5#  
130 2.4 17.4 26.2#

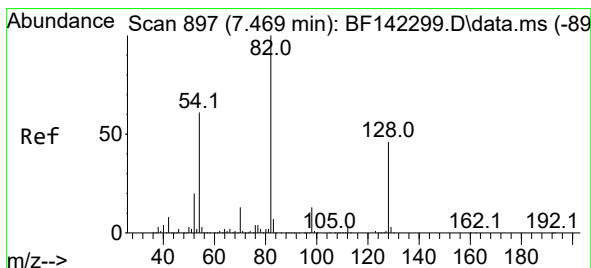
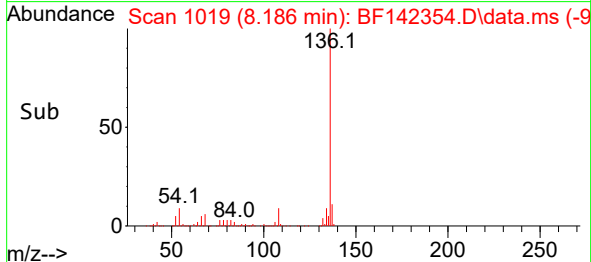
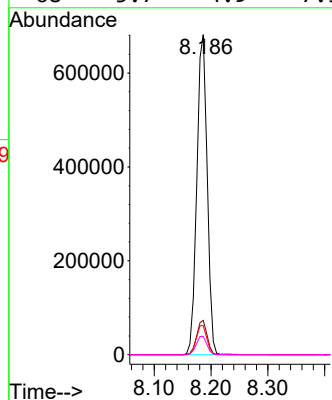
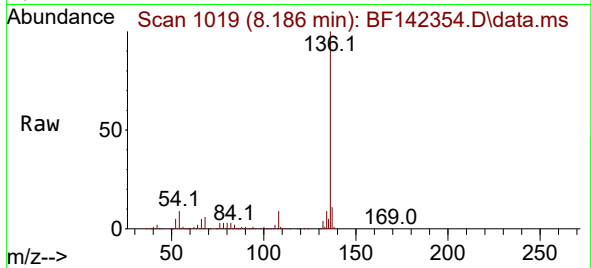




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

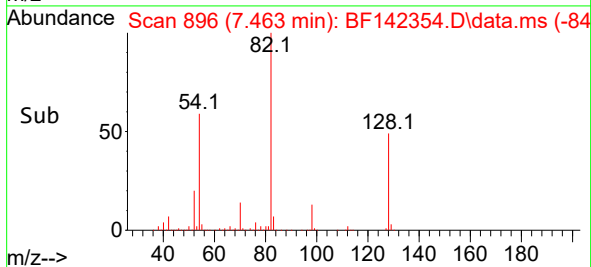
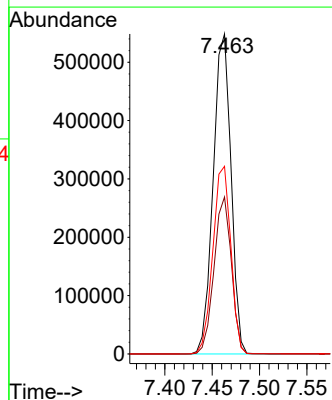
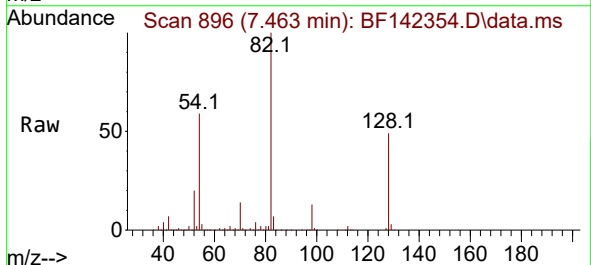
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-15

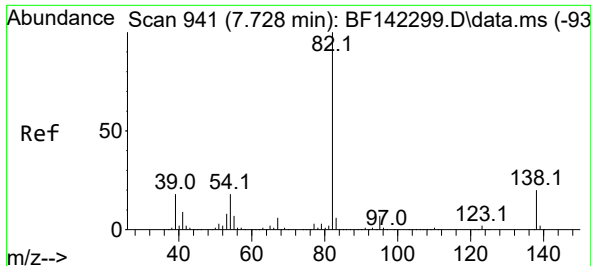
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 868771 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.9   | 13.3   |
| 54       | 9.1   | 7.7   | 11.5   |
| 68       | 5.7   | 4.9   | 7.3    |



#23  
Nitrobenzene-d5  
Concen: 50.285 ng  
RT: 7.463 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 716316 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 49.1  | 37.0  | 55.6   |
| 54       | 58.7  | 48.6  | 73.0   |

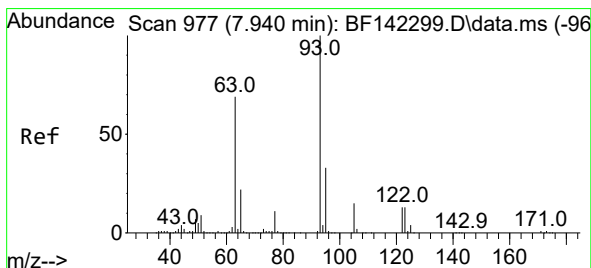
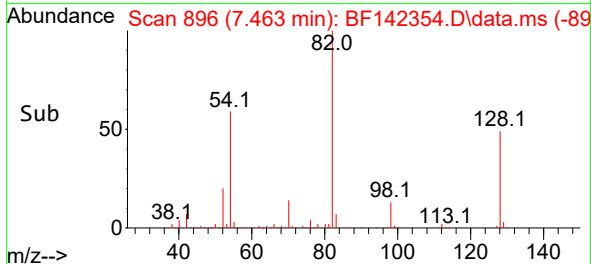
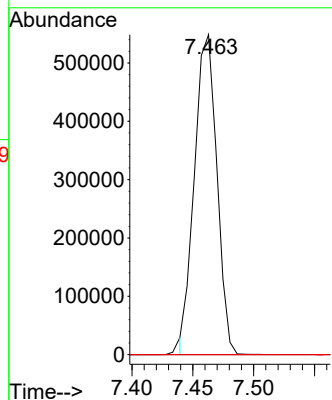
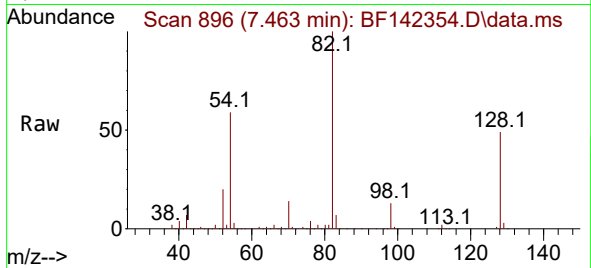




#25  
Isophorone  
Concen: 26.070 ng  
RT: 7.463 min Scan# 89  
Delta R.T. -0.265 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

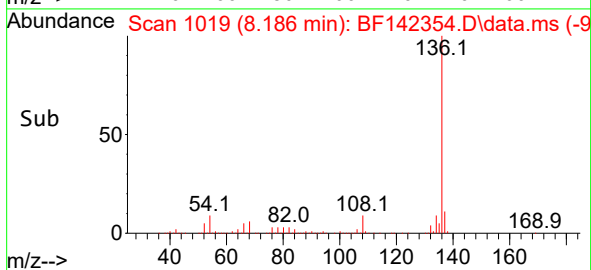
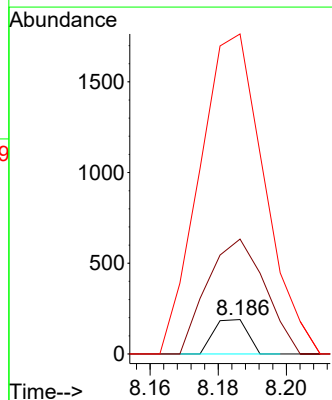
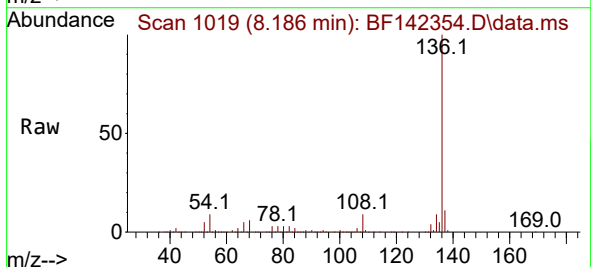
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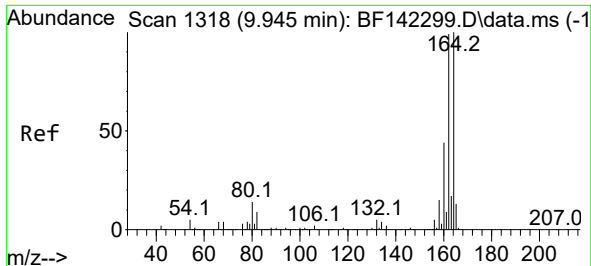
Tgt Ion: 82 Resp: 703233  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.8#  
138 0.0 16.1 24.1#



#32  
Benzoic acid  
Concen: 6.033 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. 0.246 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

Tgt Ion:122 Resp: 132  
Ion Ratio Lower Upper  
122 100  
105 333.2 97.9 137.9#  
77 928.4 67.7 107.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

Instrument :

BNA\_F

ClientSampleId :

OR-636-COMP-15

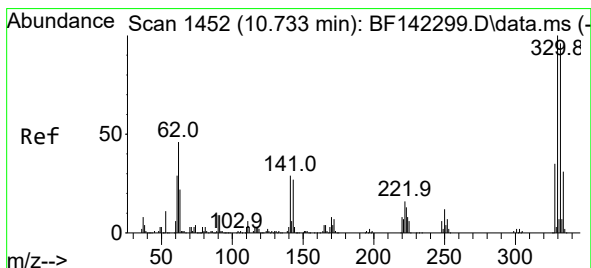
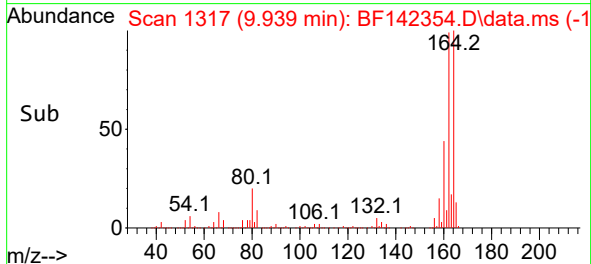
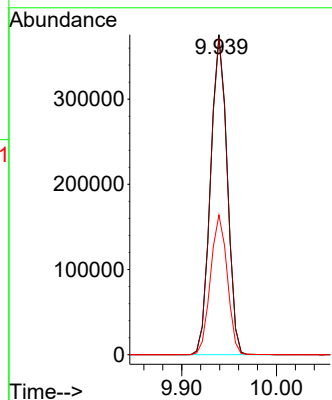
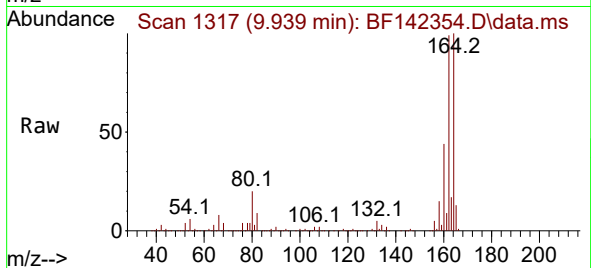
Tgt Ion:164 Resp: 457138

Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

160 43.6 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 68.800 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

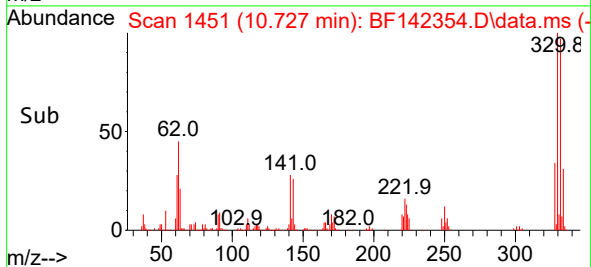
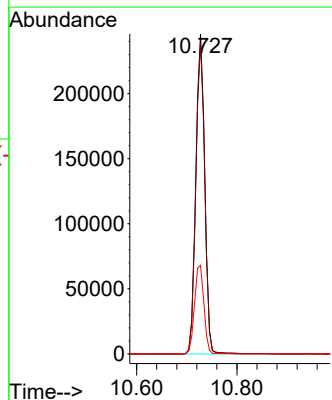
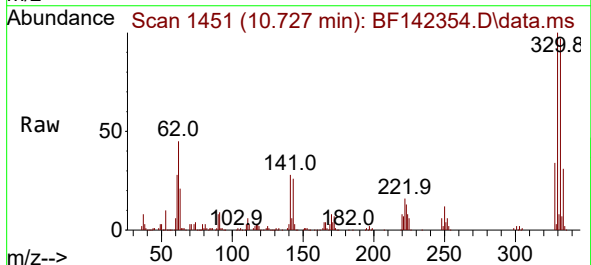
Tgt Ion:330 Resp: 303655

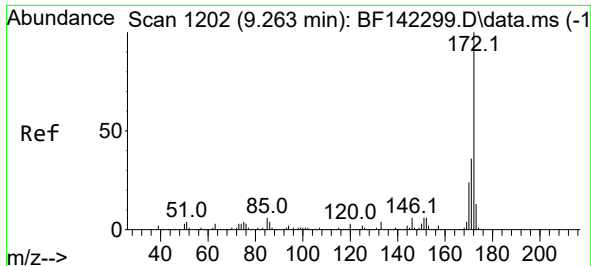
Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 29.2 24.9 37.3

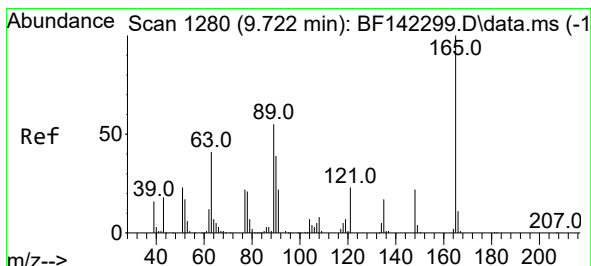
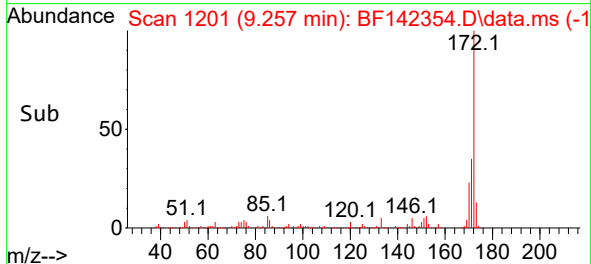
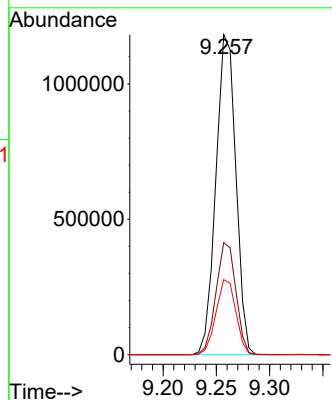
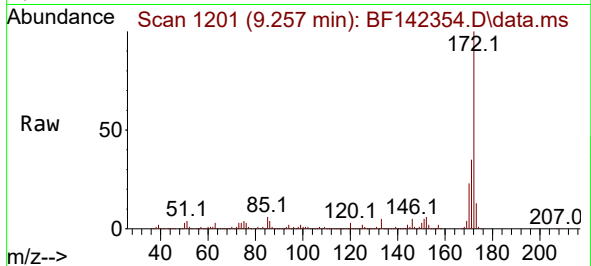




#45  
2-Fluorobiphenyl  
Concen: 47.949 ng  
RT: 9.257 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

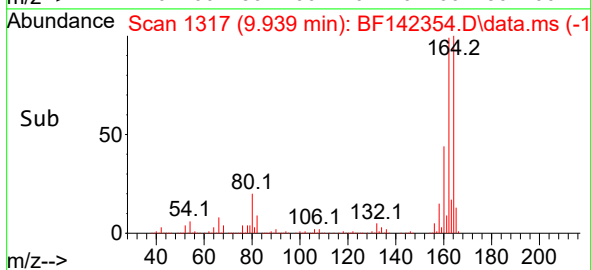
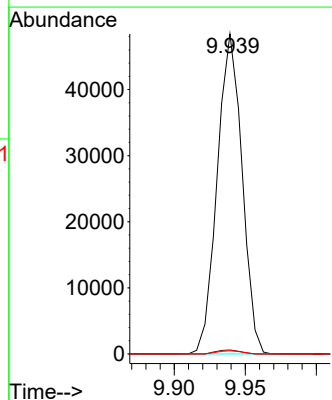
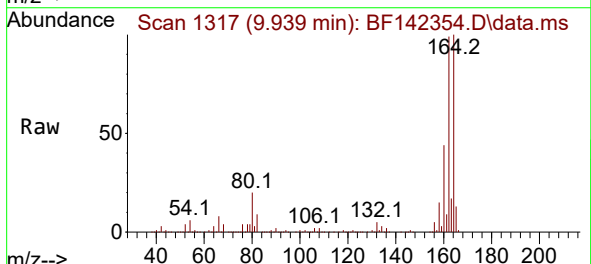
Instrument :  
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Tgt Ion:172 Resp: 1537243  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 42.8  
170 23.5 19.0 28.4

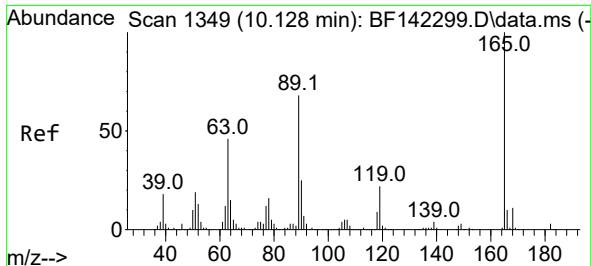


#51  
2,6-Dinitrotoluene  
Concen: 10.705 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. 0.217 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

Tgt Ion:165 Resp: 58821  
Ion Ratio Lower Upper  
165 100  
63 1.3 49.5 74.3#  
89 1.0 44.6 66.8#



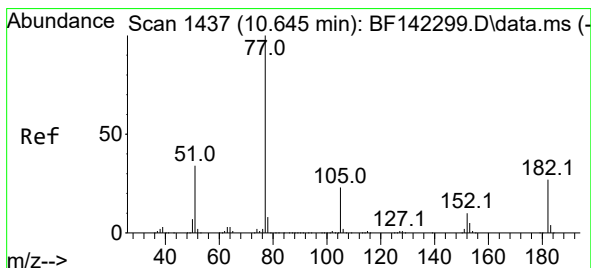
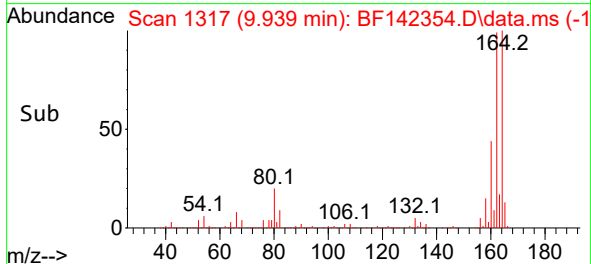
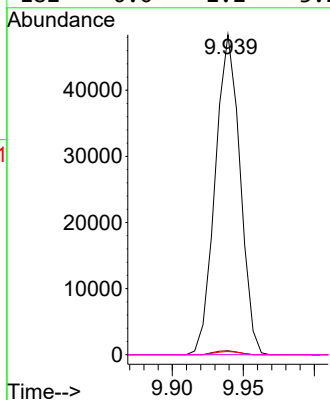
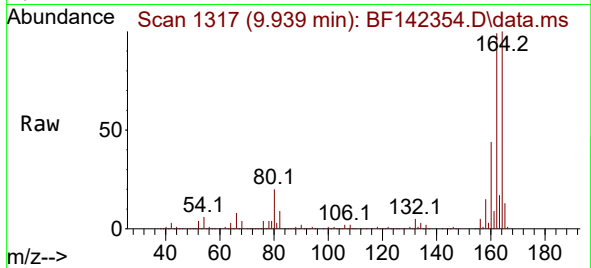




#57  
2,4-Dinitrotoluene  
Concen: 8.346 ng  
RT: 9.939 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

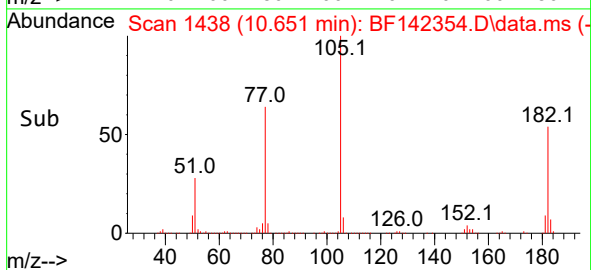
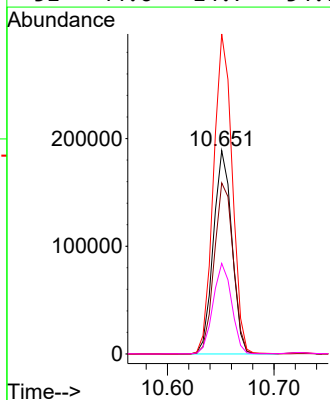
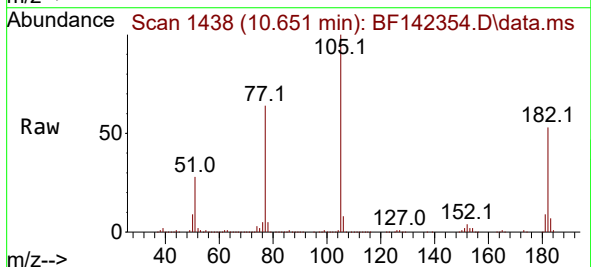
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-15

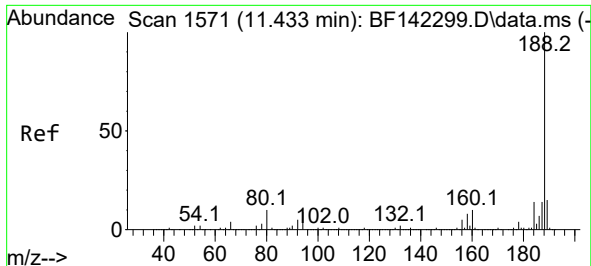
Tgt Ion:165 Resp: 58821  
Ion Ratio Lower Upper  
165 100  
63 1.3 37.1 55.7#  
89 1.0 54.4 81.6#  
182 0.0 2.2 3.2#



#63  
Azobenzene  
Concen: 8.151 ng  
RT: 10.651 min Scan# 1438  
Delta R.T. 0.006 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

Tgt Ion: 77 Resp: 228326  
Ion Ratio Lower Upper  
77 100  
182 84.1 6.9 46.9#  
105 157.4 2.7 42.7#  
51 44.6 14.7 54.7

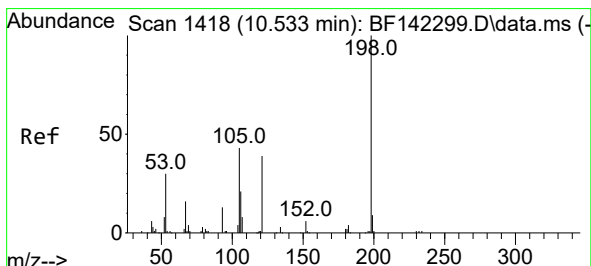
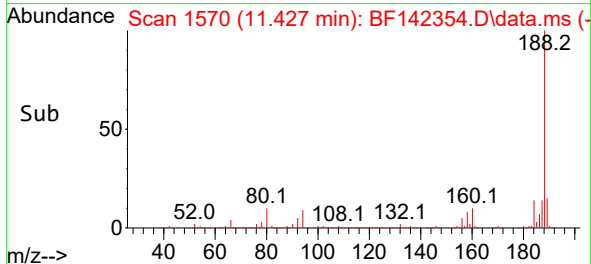
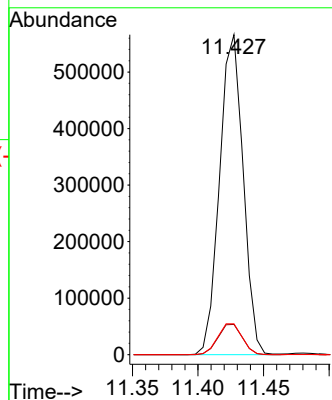
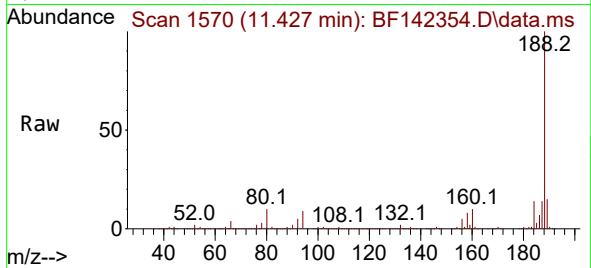




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

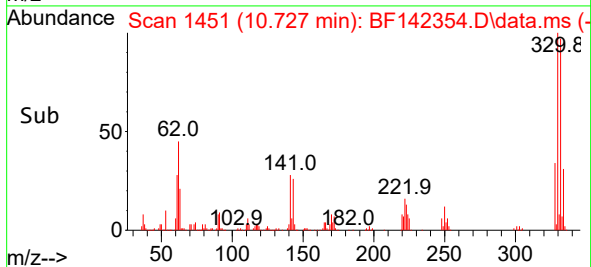
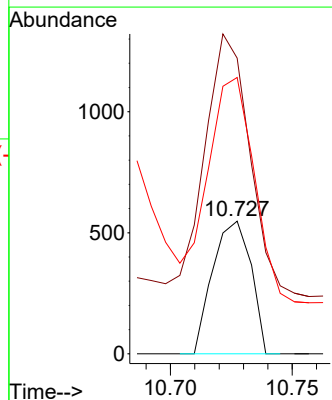
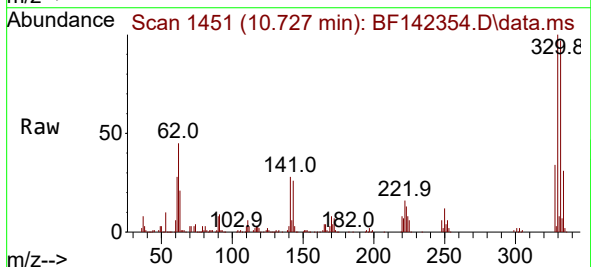
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-15

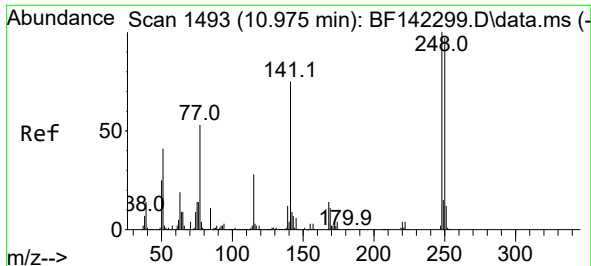
Tgt Ion:188 Resp: 707793  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.5 11.3  
80 9.6 7.9 11.9



#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.339 ng  
RT: 10.727 min Scan# 1451  
Delta R.T. 0.194 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

Tgt Ion:198 Resp: 599  
Ion Ratio Lower Upper  
198 100  
51 222.8 32.9 72.9#  
105 208.2 23.7 63.7#

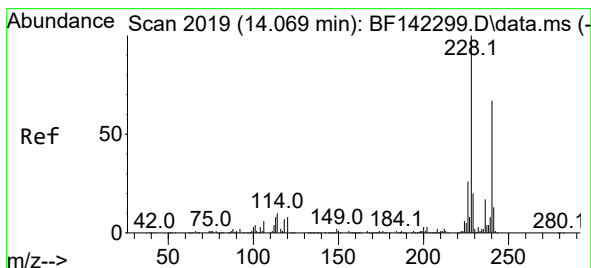
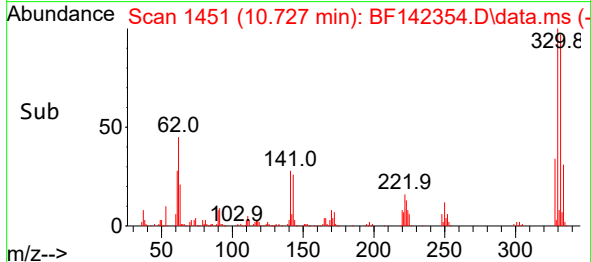
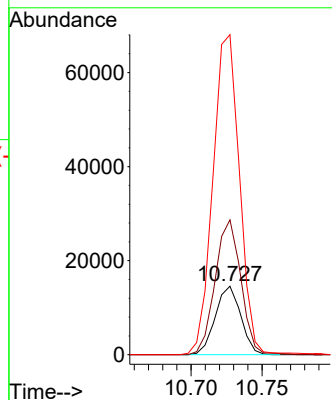
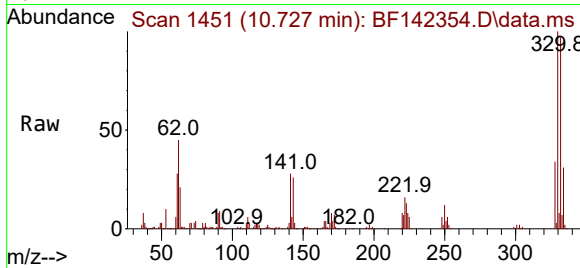




#67  
4-Bromophenyl-phenylether  
Concen: 2.262 ng  
RT: 10.727 min Scan# 1493  
Delta R.T. -0.247 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

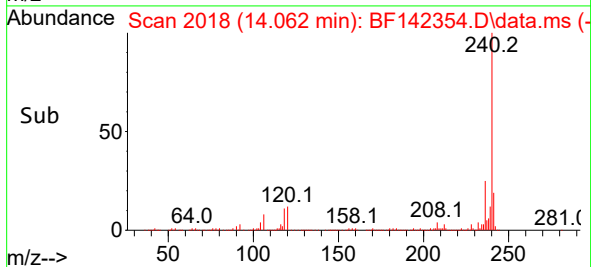
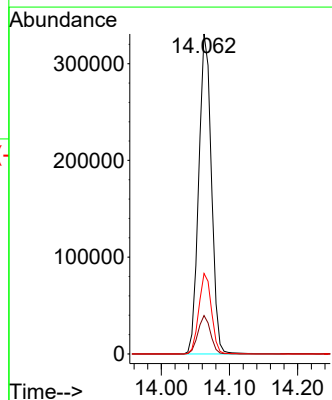
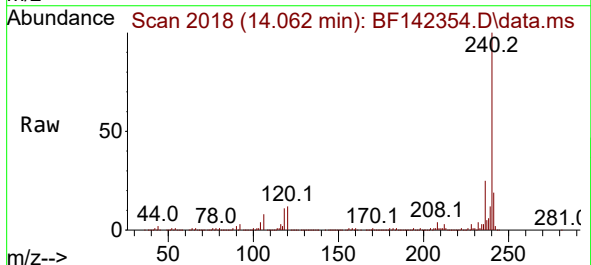
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-15

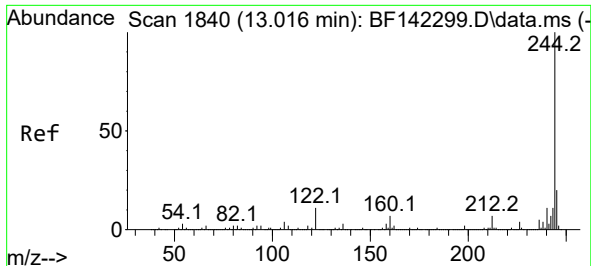
Tgt Ion:248 Resp: 18145  
Ion Ratio Lower Upper  
248 100  
250 197.2 77.9 116.9#  
141 467.6 59.8 89.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF142354.D  
Acq: 13 May 2025 20:04

Tgt Ion:240 Resp: 425323  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.7 14.5  
236 25.2 20.0 30.0

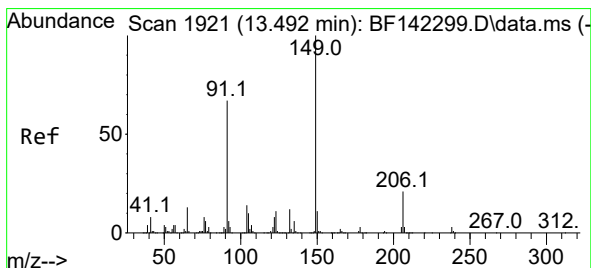
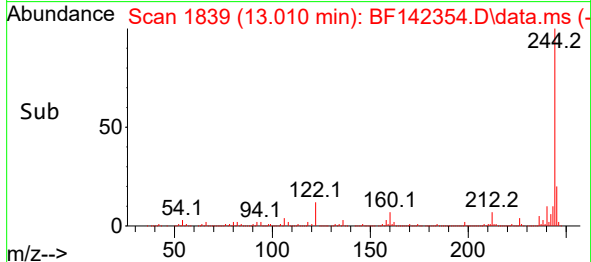
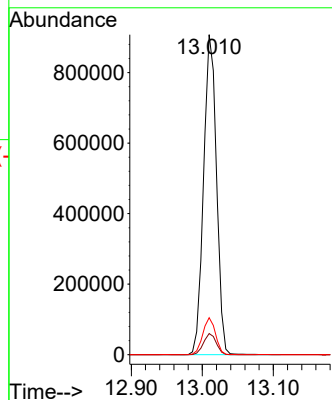
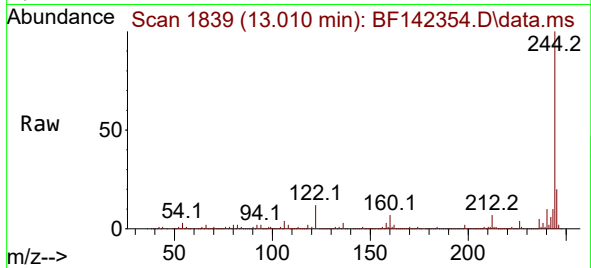




#79  
 Terphenyl-d14  
 Concen: 40.017 ng  
 RT: 13.010 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF142354.D  
 Acq: 13 May 2025 20:04

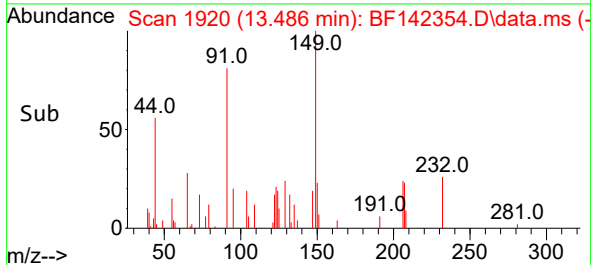
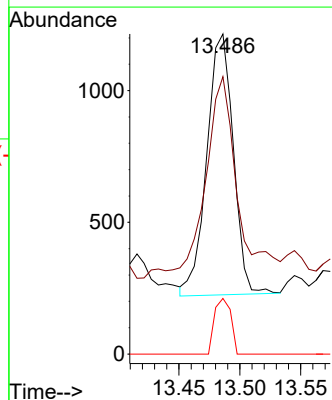
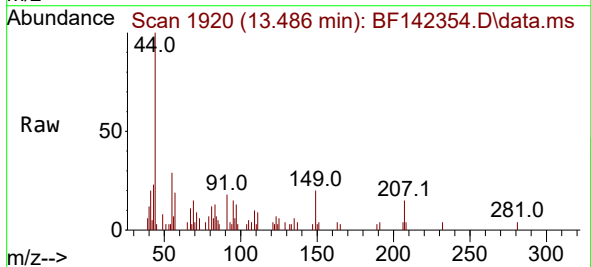
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-636-COMP-15

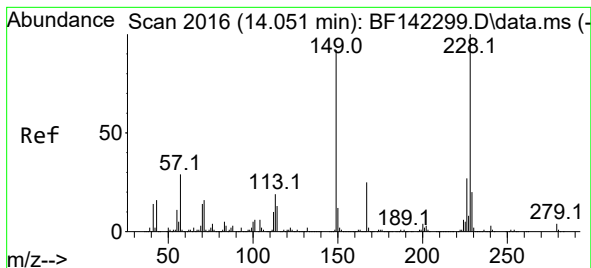
Tgt Ion:244 Resp: 1149914  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.2  
 122 11.5 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 3.784 ng  
 RT: 13.486 min Scan# 1920  
 Delta R.T. -0.006 min  
 Lab File: BF142354.D  
 Acq: 13 May 2025 20:04

Tgt Ion:149 Resp: 1497  
 Ion Ratio Lower Upper  
 149 100  
 91 86.7 53.8 80.6#  
 206 17.4 16.6 24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.774 ng

RT: 14.045 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

Instrument :

BNA\_F

ClientSampleId :

OR-636-COMP-15

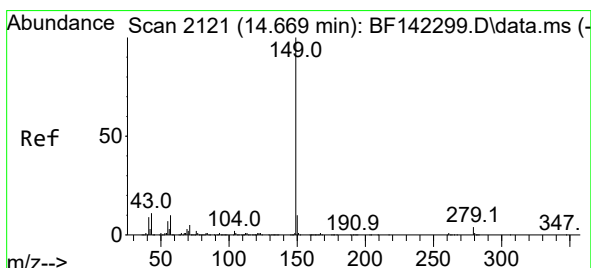
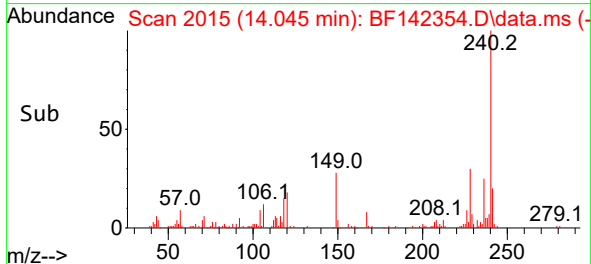
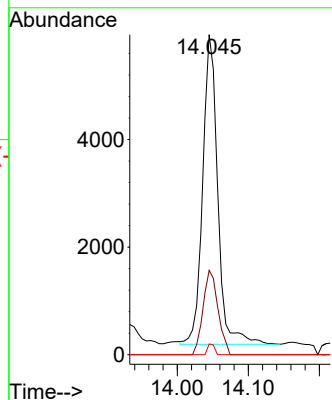
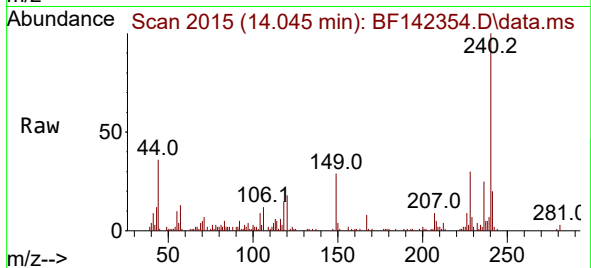
Tgt Ion:149 Resp: 8476

Ion Ratio Lower Upper

149 100

167 26.4 22.0 33.0

279 3.4 3.0 4.6



#85

Di-n-octyl phthalate

Concen: 7.867 ng

RT: 14.657 min Scan# 2119

Delta R.T. -0.012 min

Lab File: BF142354.D

Acq: 13 May 2025 20:04

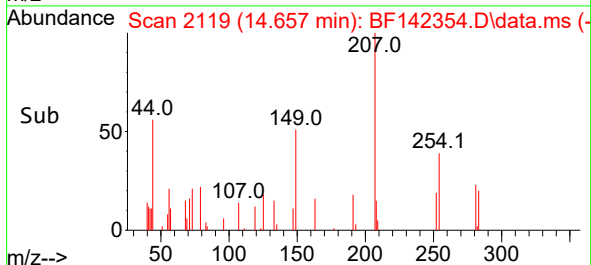
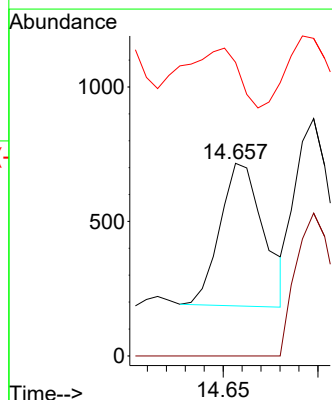
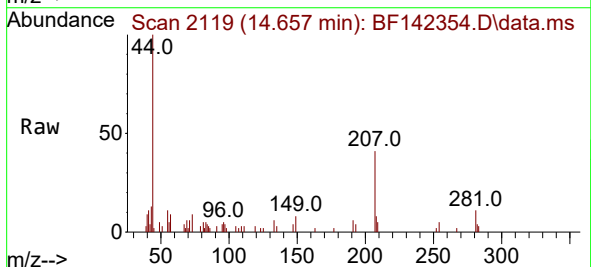
Tgt Ion:149 Resp: 852

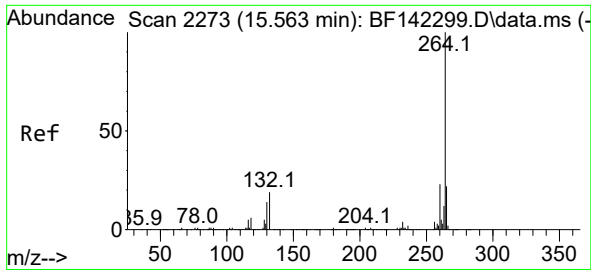
Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 52.8 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142354.D

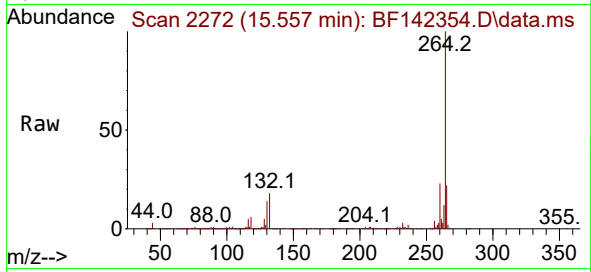
Acq: 13 May 2025 20:04

Instrument :

BNA\_F

ClientSampleId :

OR-636-COMP-15



Tgt Ion:264 Resp: 468945

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.6 17.5 26.3

