

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051225\  
 Data File : BF142326.D  
 Acq On : 12 May 2025 18:07  
 Operator : RC/JU  
 Sample : Q2007-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-636-COMP-11

Quant Time: May 13 01:03:55 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  | 203980   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 767647   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 409528   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.427 | 188  | 680237   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.063 | 240  | 405203   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 311311   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 1314717  | 110.027 | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 1474978  | 100.363 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 1007660  | 80.055  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 517233   | 130.815 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 2011109  | 70.022  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.016 | 244  | 2018384  | 73.727  | ng    | 0.00     |

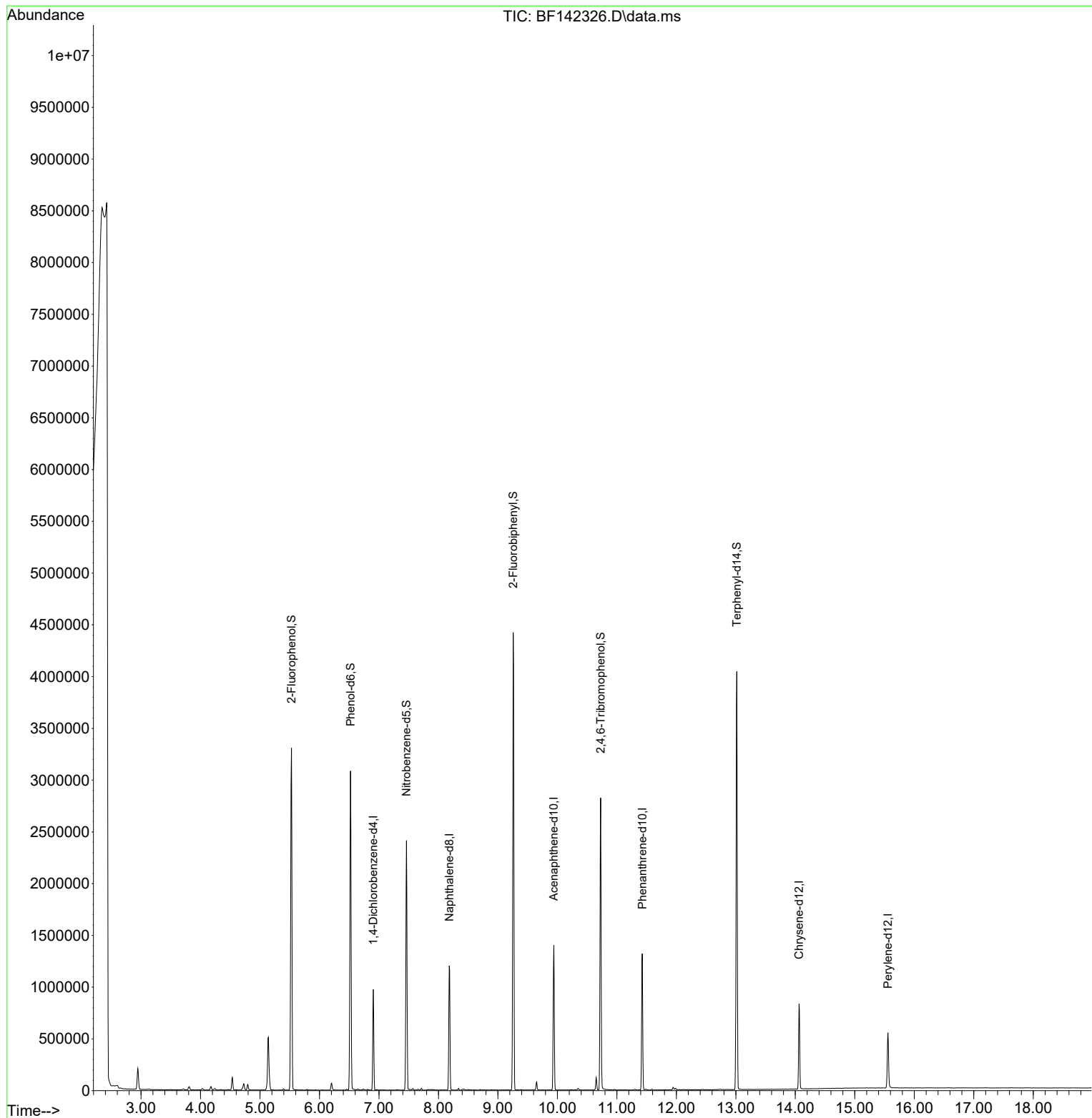
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

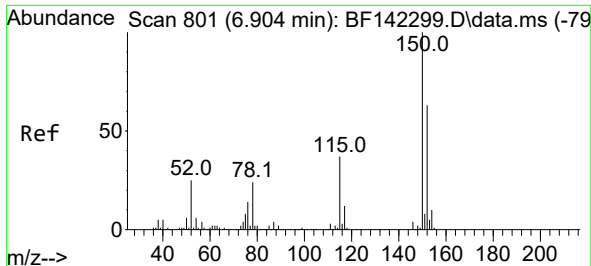
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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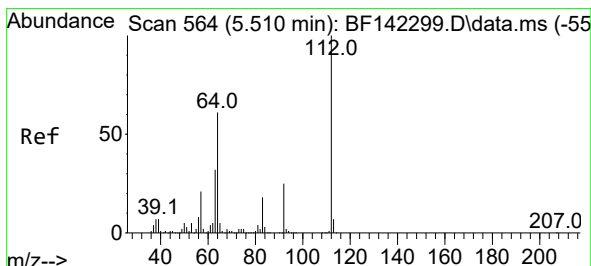
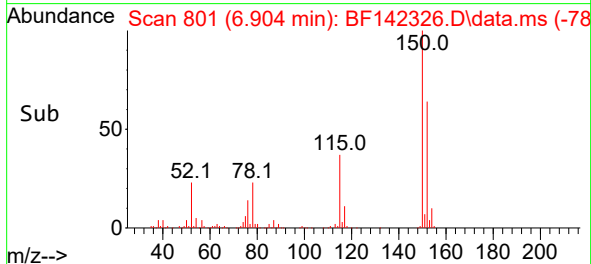
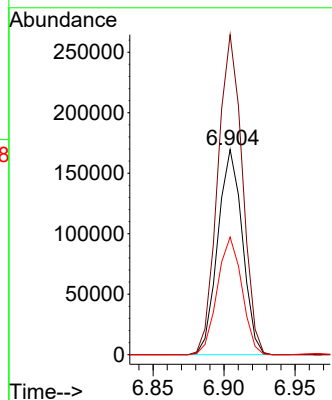
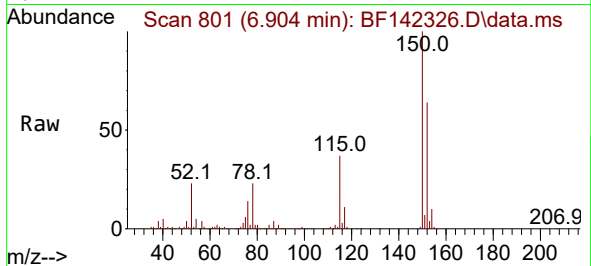




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF142326.D  
Acq: 12 May 2025 18:07

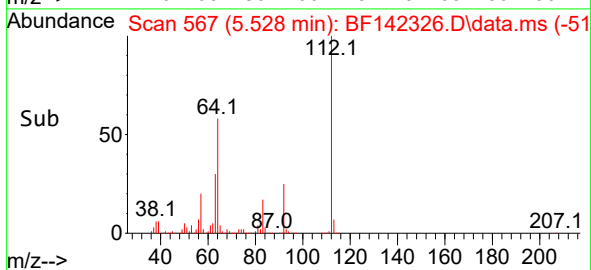
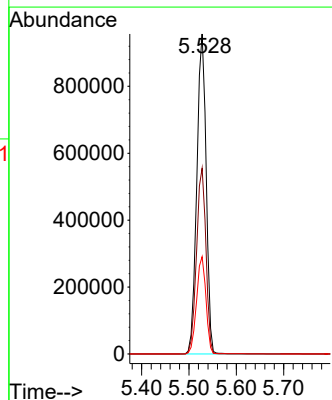
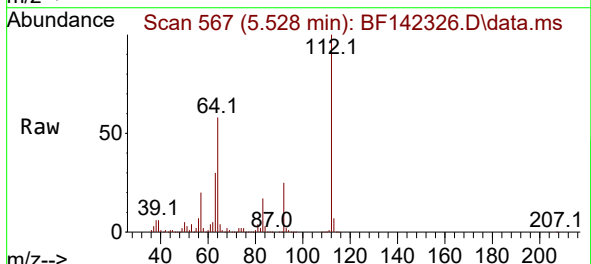
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-11

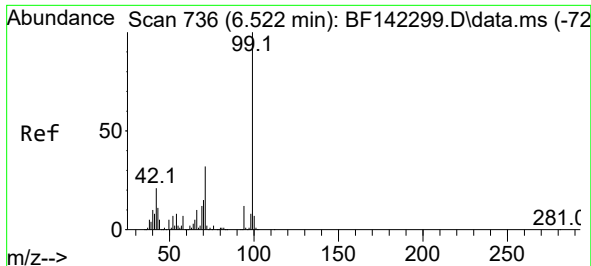
Tgt Ion:152 Resp: 203980  
Ion Ratio Lower Upper  
152 100  
150 156.0 126.6 190.0  
115 57.3 47.3 70.9



#5  
2-Fluorophenol  
Concen: 110.027 ng  
RT: 5.528 min Scan# 567  
Delta R.T. 0.018 min  
Lab File: BF142326.D  
Acq: 12 May 2025 18:07

Tgt Ion:112 Resp: 1314717  
Ion Ratio Lower Upper  
112 100  
64 58.1 48.9 73.3  
63 30.4 25.6 38.4

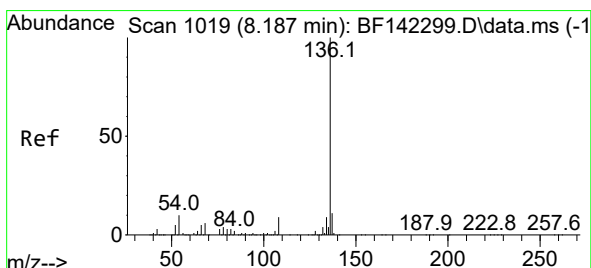
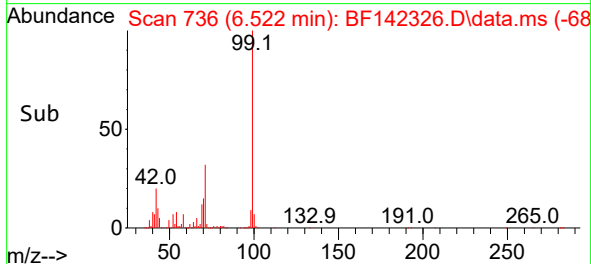
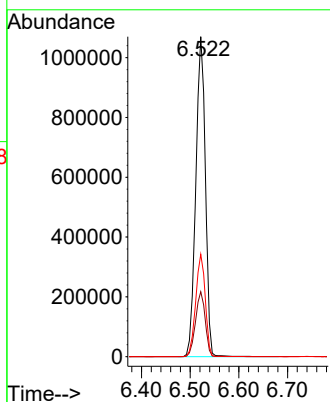
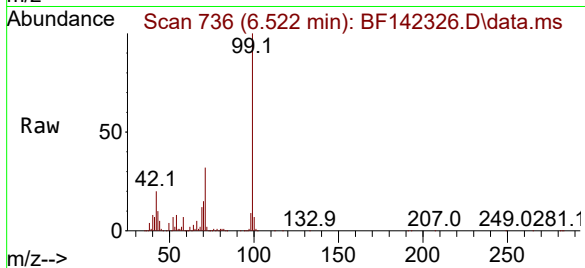




#7  
Phenol-d6  
Concen: 100.363 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF142326.D  
Acq: 12 May 2025 18:07

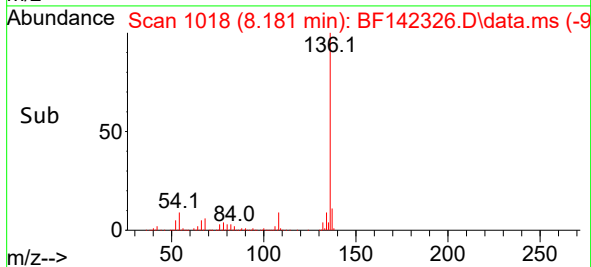
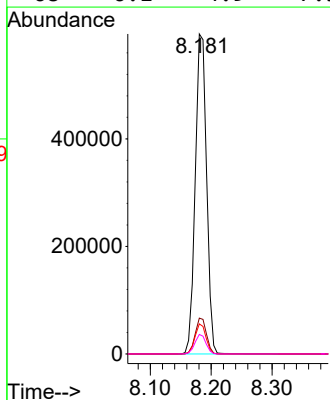
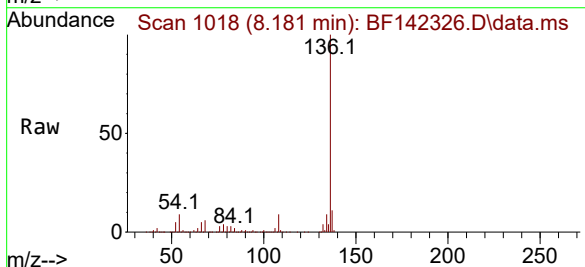
Instrument :  
BNA\_F  
ClientSampleId :  
OR-636-COMP-11

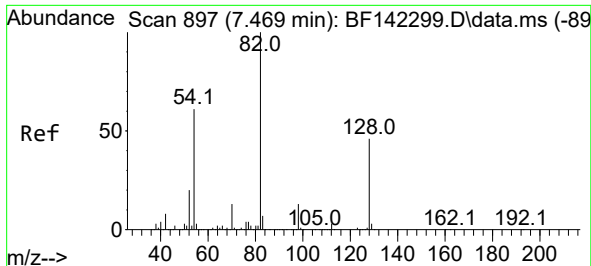
Tgt Ion: 99 Resp: 1474978  
Ion Ratio Lower Upper  
99 100  
42 20.3 17.0 25.4  
71 32.0 25.8 38.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142326.D  
Acq: 12 May 2025 18:07

Tgt Ion: 136 Resp: 767647  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 9.4 7.7 11.5  
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.055 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142326.D

Acq: 12 May 2025 18:07

Instrument :

BNA\_F

ClientSampleId :

OR-636-COMP-11

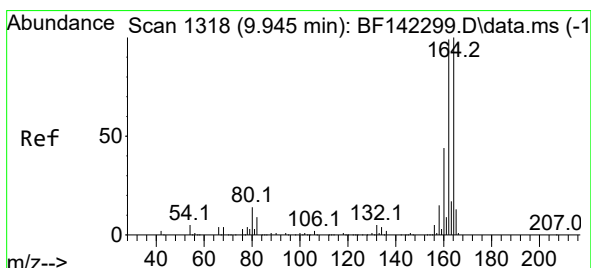
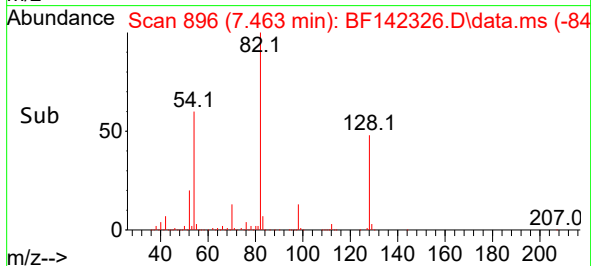
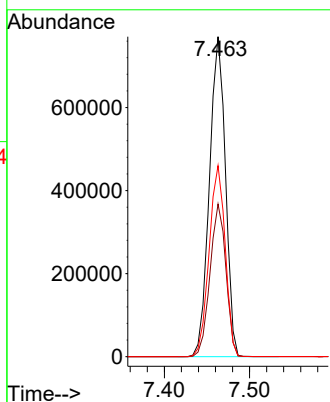
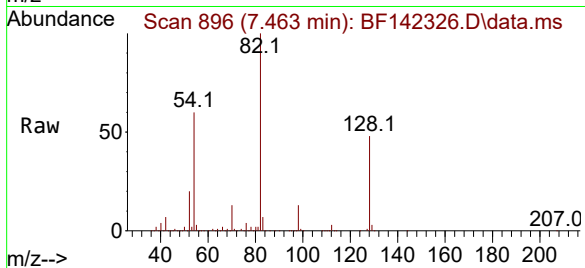
Tgt Ion: 82 Resp: 1007660

Ion Ratio Lower Upper

82 100

128 47.7 37.0 55.6

54 59.7 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142326.D

Acq: 12 May 2025 18:07

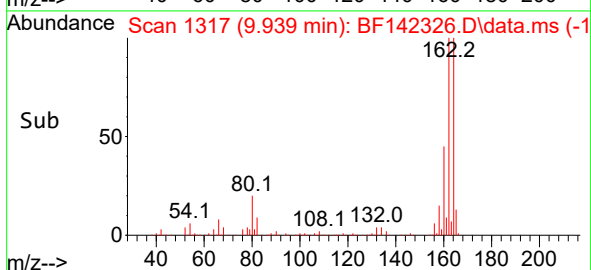
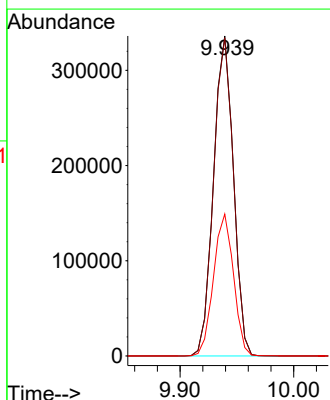
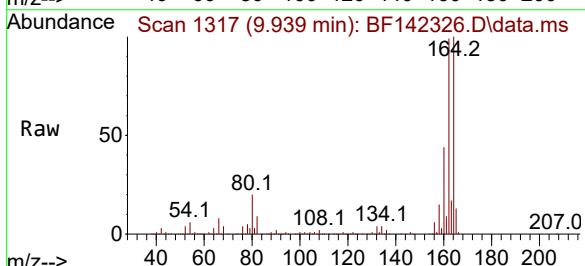
Tgt Ion:164 Resp: 409528

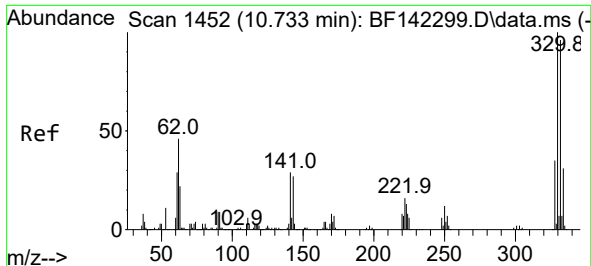
Ion Ratio Lower Upper

164 100

162 99.4 79.2 118.8

160 44.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 130.815 ng

RT: 10.727 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142326.D

Acq: 12 May 2025 18:07

Instrument :

BNA\_F

ClientSampleId :

OR-636-COMP-11

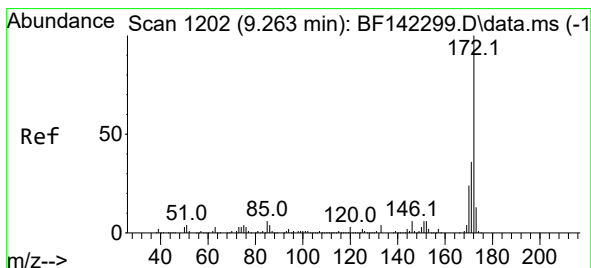
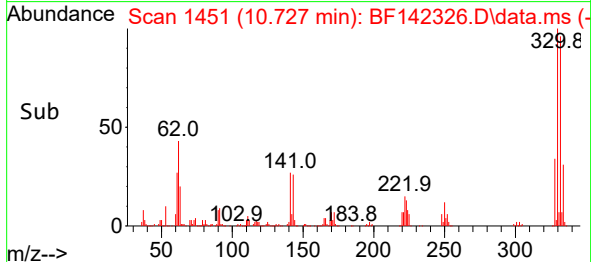
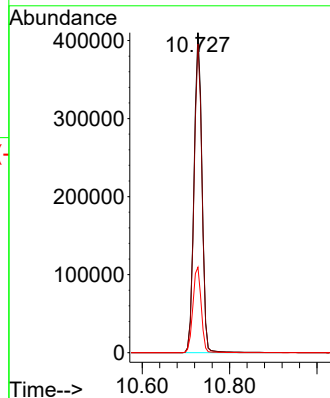
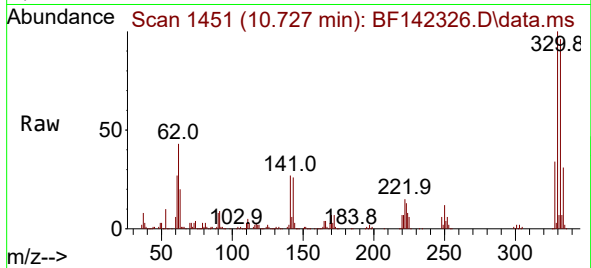
Tgt Ion:330 Resp: 517233

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 28.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 70.022 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142326.D

Acq: 12 May 2025 18:07

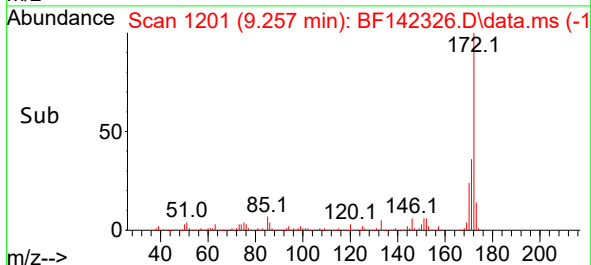
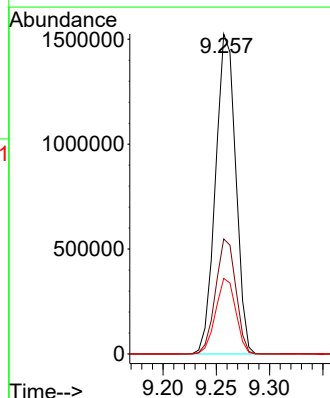
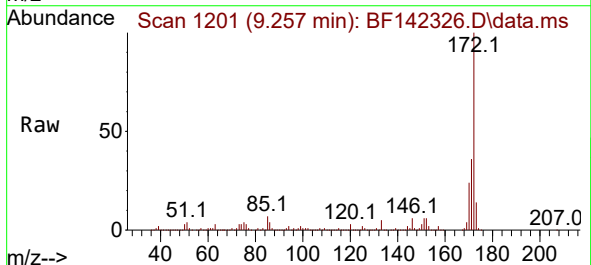
Tgt Ion:172 Resp: 2011109

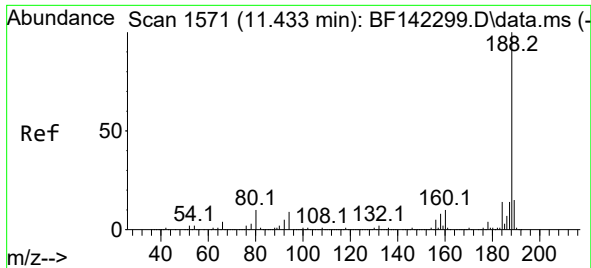
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.6 19.0 28.4

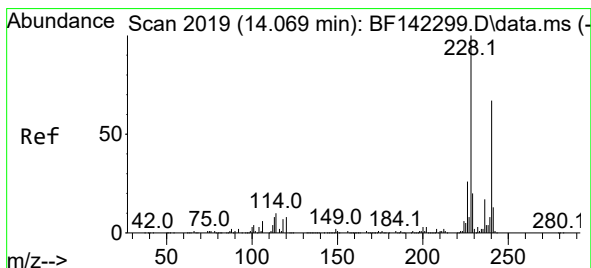
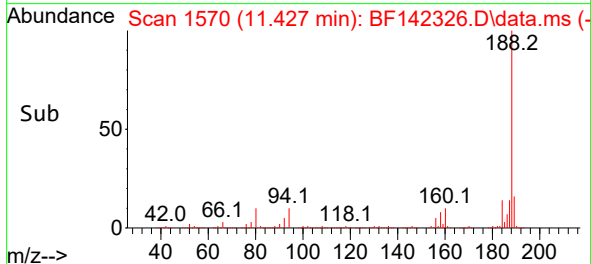
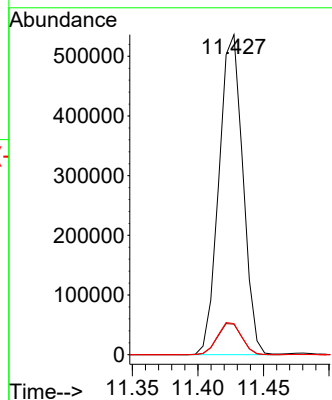
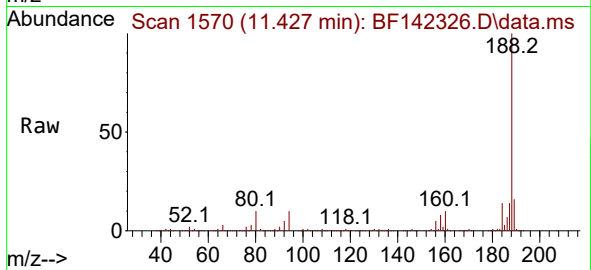




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142326.D  
Acq: 12 May 2025 18:07

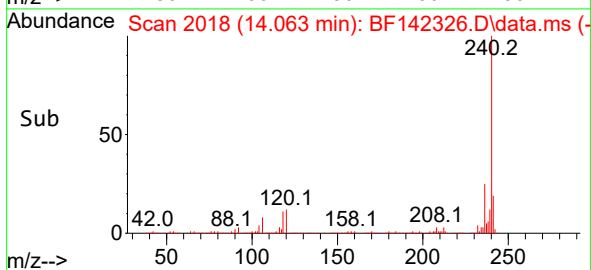
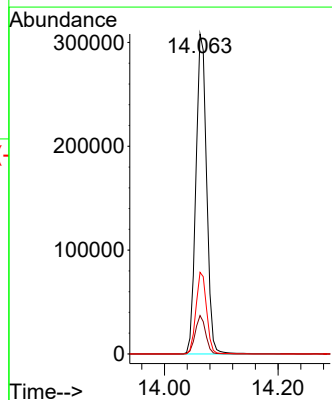
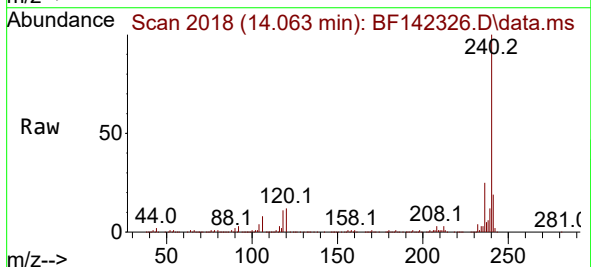
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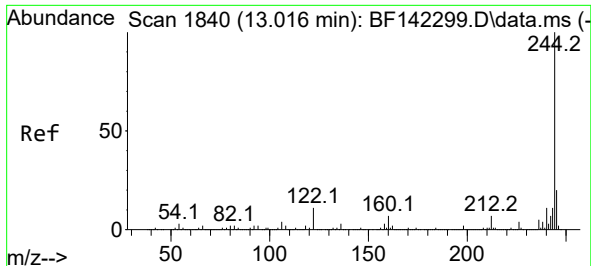
Tgt Ion:188 Resp: 680237  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.5 11.3  
80 9.7 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF142326.D  
Acq: 12 May 2025 18:07

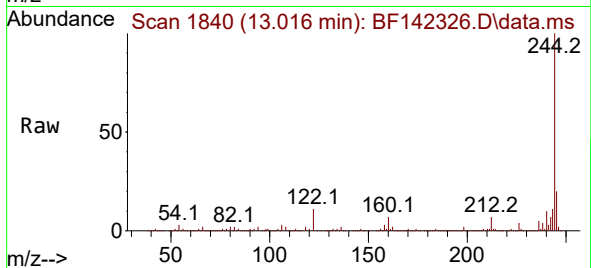
Tgt Ion:240 Resp: 405203  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.7 14.5  
236 25.5 20.0 30.0



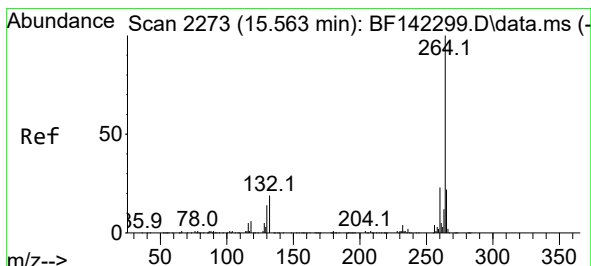
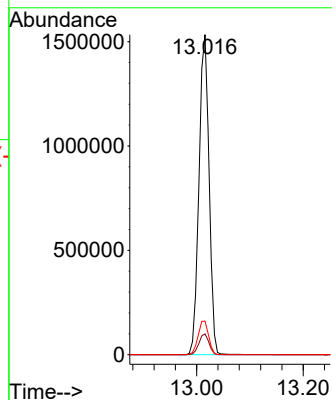
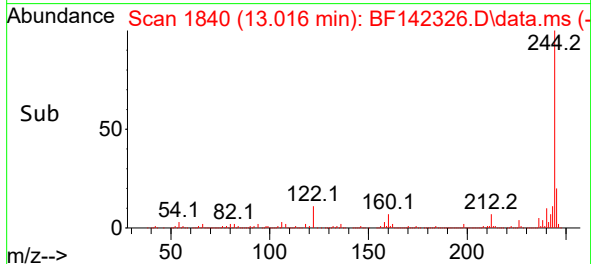


#79  
 Terphenyl-d14  
 Concen: 73.727 ng  
 RT: 13.016 min Scan# 1840  
 Delta R.T. -0.000 min  
 Lab File: BF142326.D  
 Acq: 12 May 2025 18:07

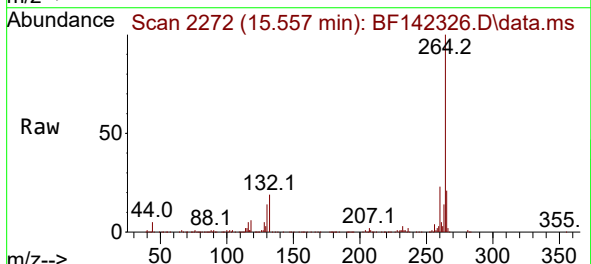
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-636-COMP-11



Tgt Ion:244 Resp: 2018384  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.2  
 122 10.5 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2272  
 Delta R.T. -0.006 min  
 Lab File: BF142326.D  
 Acq: 12 May 2025 18:07



Tgt Ion:264 Resp: 311311  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.6 27.8  
 265 21.2 17.5 26.3

