

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050125\  
 Data File : BF142266.D  
 Acq On : 01 May 2025 17:57  
 Operator : RC/JU  
 Sample : Q1906-13  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7

Quant Time: May 02 01:07:14 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 30 16:00:01 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.904  | 152  | 203593   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.186  | 136  | 766730   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 365683   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.427 | 188  | 505956   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.068 | 240  | 433169   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 424823   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 789988   | 61.970 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 1206560  | 78.378 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 649852   | 55.683 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 251620   | 75.478 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 1461540  | 56.353 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.016 | 244  | 1073789  | 36.054 | ng    | 0.00     |

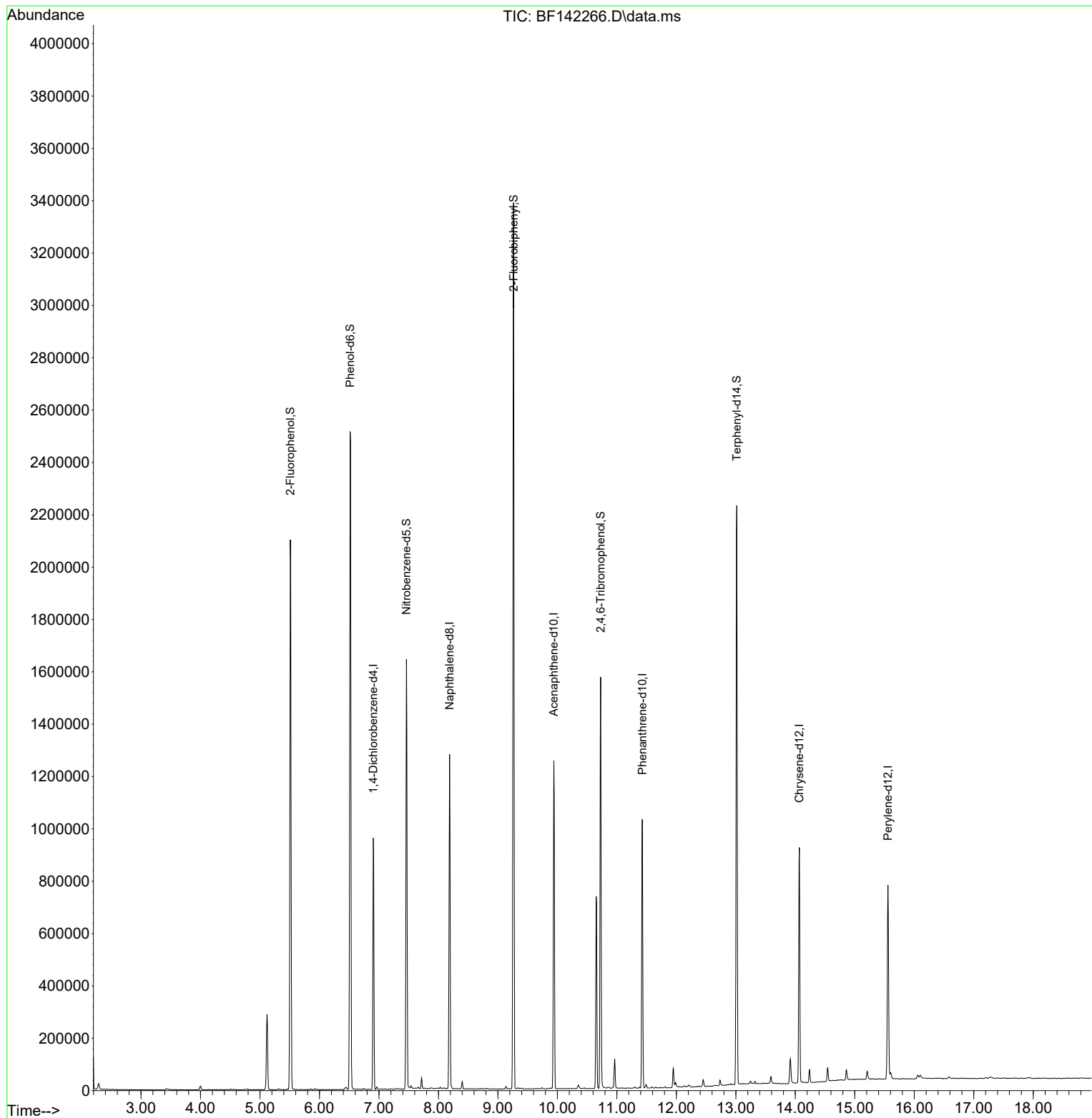
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

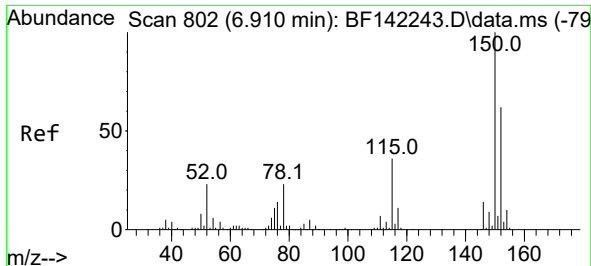
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA\_F  
ClientSampleId :  
WC-7

Quant Time: May 02 01:07:14 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 30 16:00:01 2025  
Response via : Initial Calibration

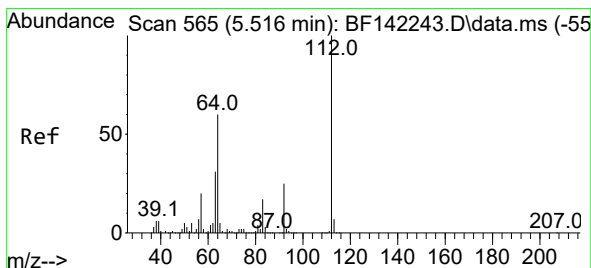
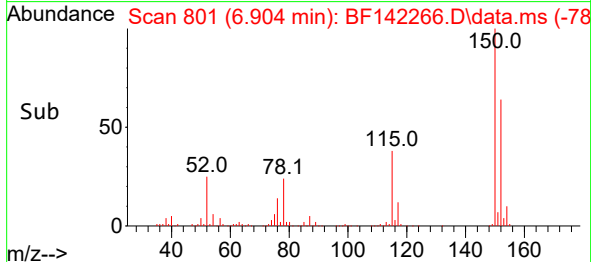
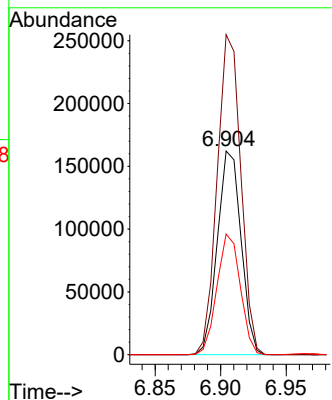
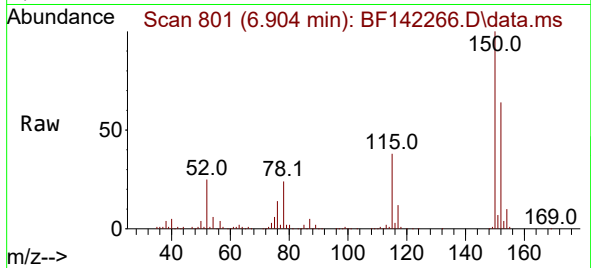




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57

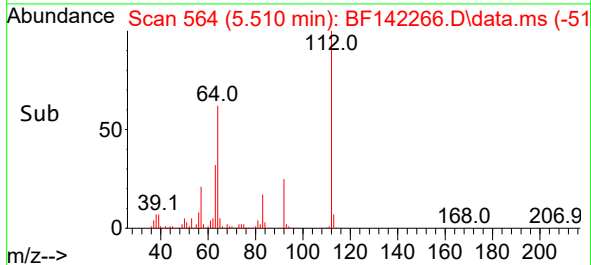
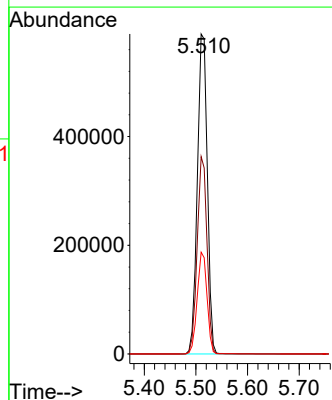
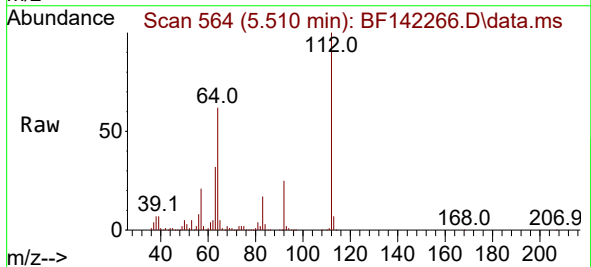
Instrument :  
BNA\_F  
ClientSampleId :  
WC-7

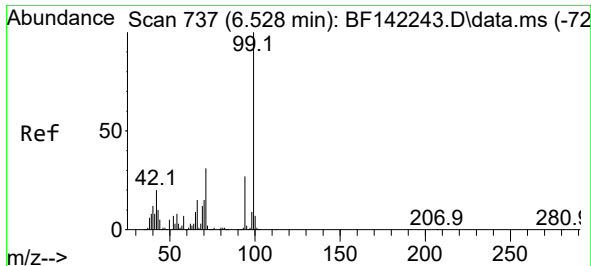
Tgt Ion:152 Resp: 203593  
Ion Ratio Lower Upper  
152 100  
150 157.1 130.2 195.2  
115 59.3 47.0 70.4



#5  
2-Fluorophenol  
Concen: 61.970 ng  
RT: 5.510 min Scan# 564  
Delta R.T. -0.006 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57

Tgt Ion:112 Resp: 789988  
Ion Ratio Lower Upper  
112 100  
64 61.6 48.4 72.6  
63 31.8 24.8 37.2

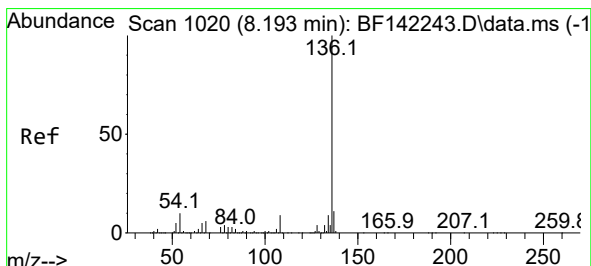
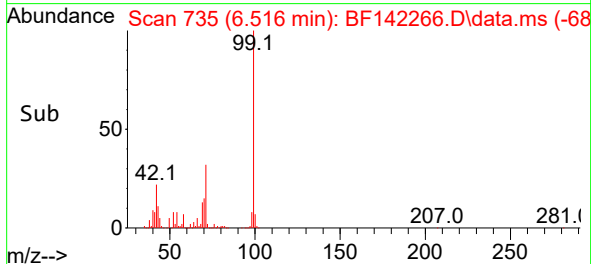
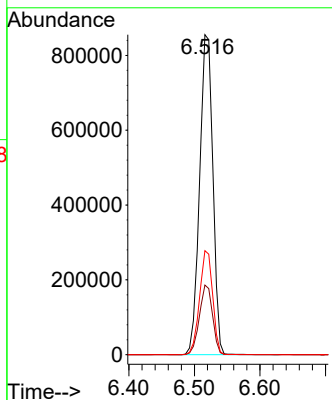
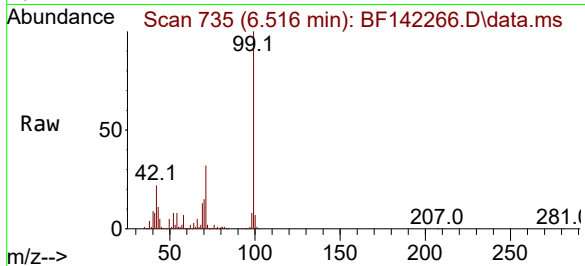




#7  
Phenol-d6  
Concen: 78.378 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57

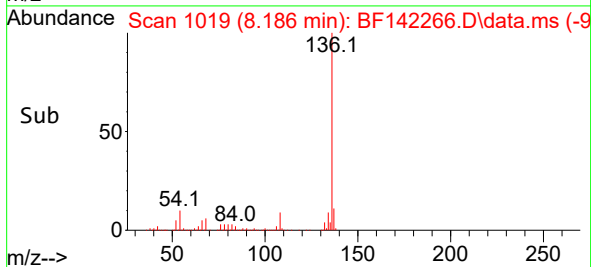
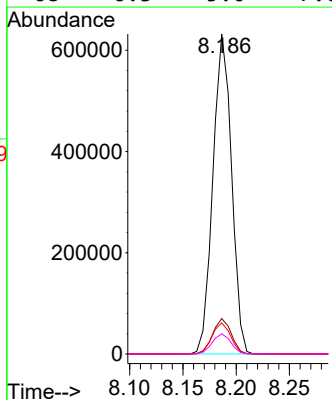
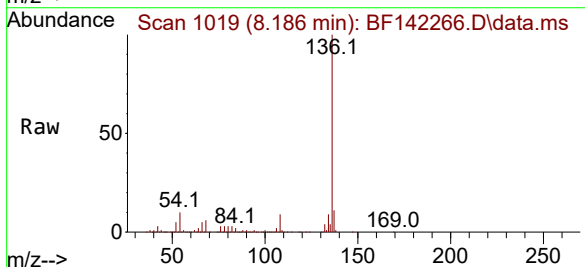
Instrument :  
BNA\_F  
ClientSampleId :  
WC-7

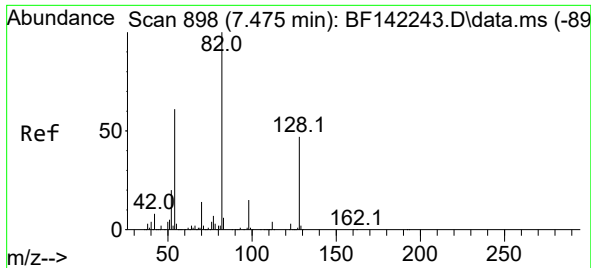
Tgt Ion: 99 Resp: 1206560  
Ion Ratio Lower Upper  
99 100  
42 21.8 16.3 24.5  
71 32.5 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.186 min Scan# 1019  
Delta R.T. -0.007 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57

Tgt Ion: 136 Resp: 766730  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 9.7 7.7 11.5  
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 55.683 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142266.D

Acq: 01 May 2025 17:57

Instrument :

BNA\_F

ClientSampleId :

WC-7

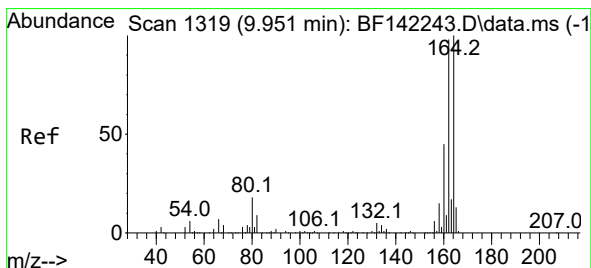
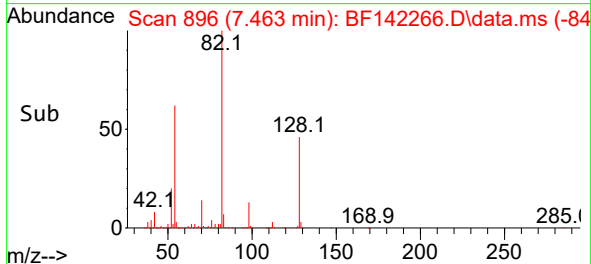
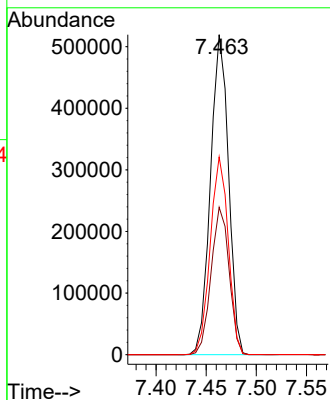
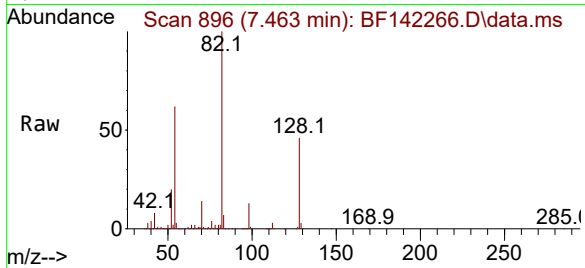
Tgt Ion: 82 Resp: 649852

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.6

54 61.8 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142266.D

Acq: 01 May 2025 17:57

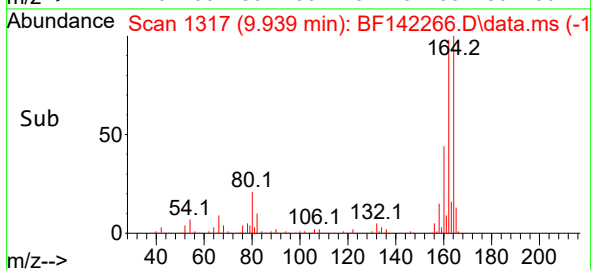
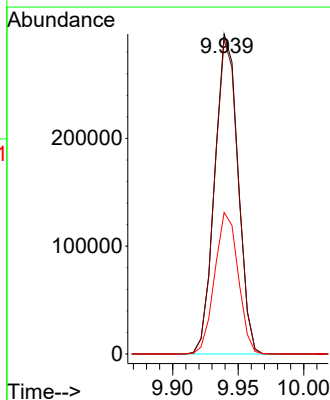
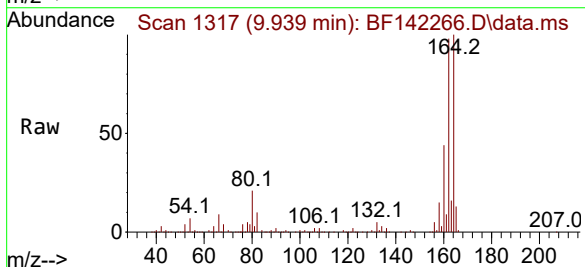
Tgt Ion:164 Resp: 365683

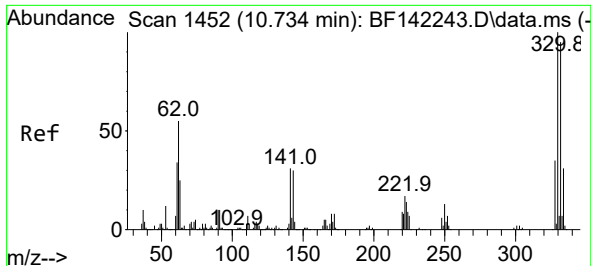
Ion Ratio Lower Upper

164 100

162 98.3 78.6 117.8

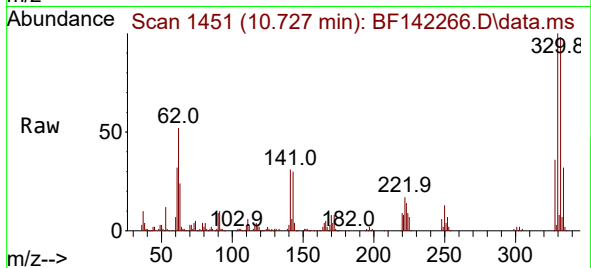
160 44.2 35.7 53.5



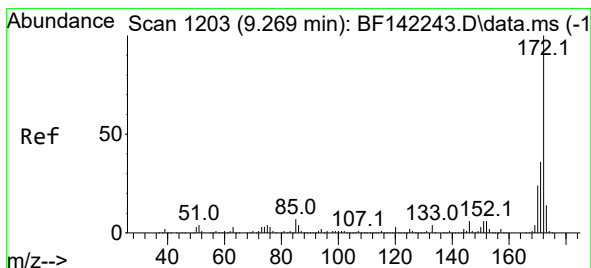
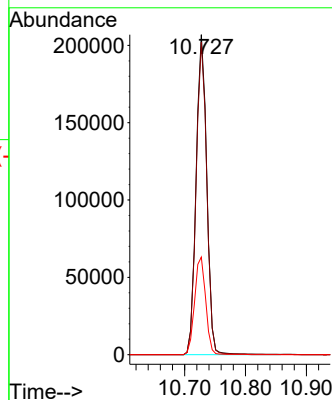
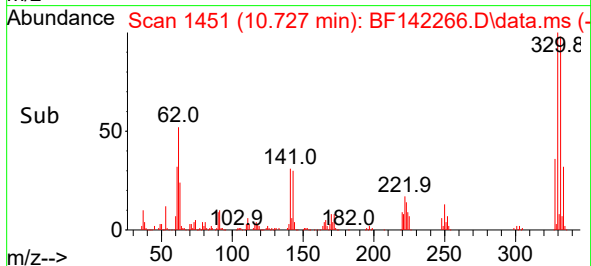


#42  
2,4,6-Tribromophenol  
Concen: 75.478 ng  
RT: 10.727 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57

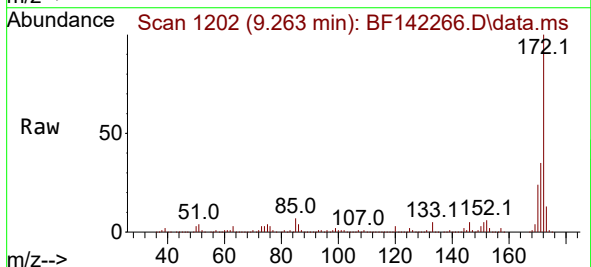
Instrument :  
BNA\_F  
ClientSampleId :  
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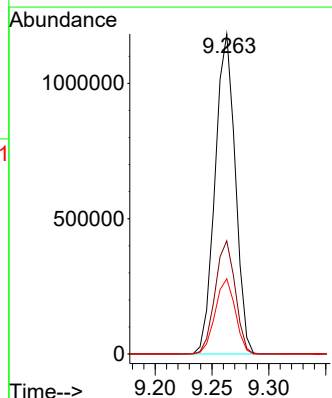
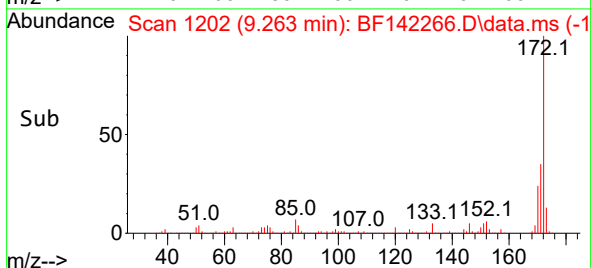
Tgt Ion: 330 Resp: 251620  
Ion Ratio Lower Upper  
330 100  
332 97.4 76.5 114.7  
141 31.8 24.3 36.5

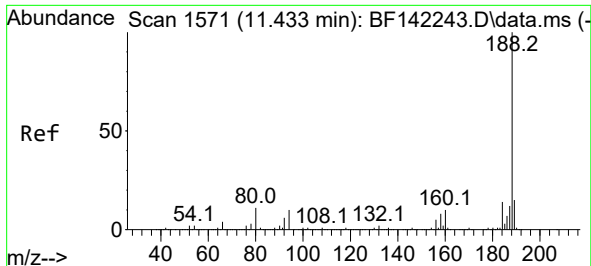


#45  
2-Fluorobiphenyl  
Concen: 56.353 ng  
RT: 9.263 min Scan# 1202  
Delta R.T. -0.006 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57



Tgt Ion: 172 Resp: 1461540  
Ion Ratio Lower Upper  
172 100  
171 35.4 29.0 43.4  
170 23.5 19.4 29.0

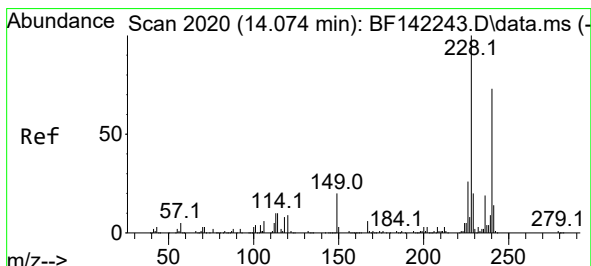
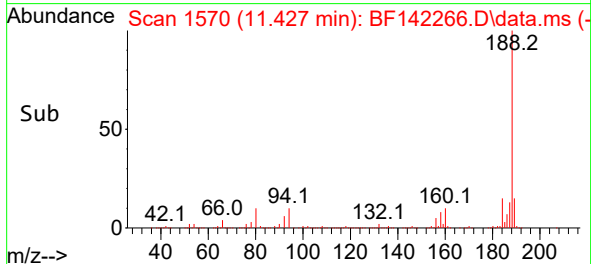
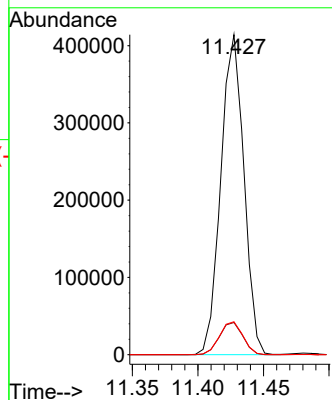
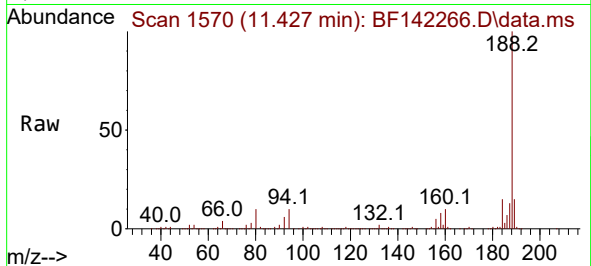




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57

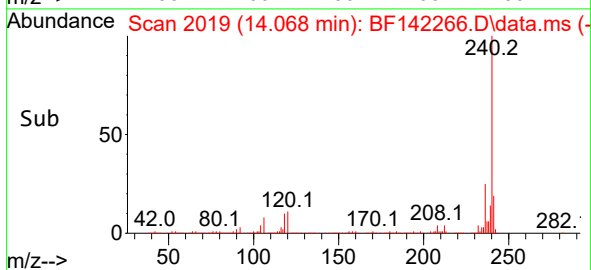
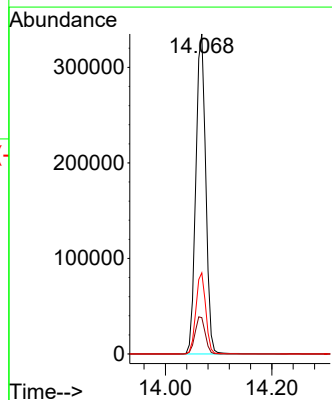
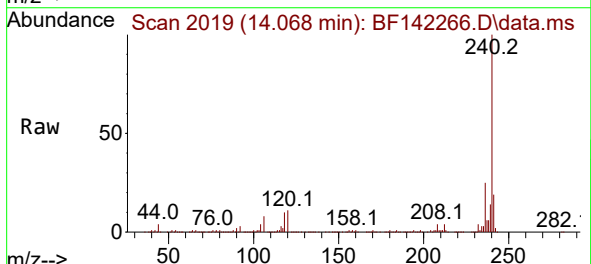
Instrument :  
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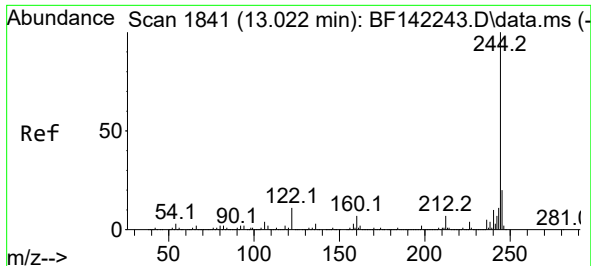
Tgt Ion:188 Resp: 505956  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.2 12.2  
80 10.3 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF142266.D  
Acq: 01 May 2025 17:57

Tgt Ion:240 Resp: 433169  
Ion Ratio Lower Upper  
240 100  
120 11.3 10.1 15.1  
236 25.4 20.5 30.7

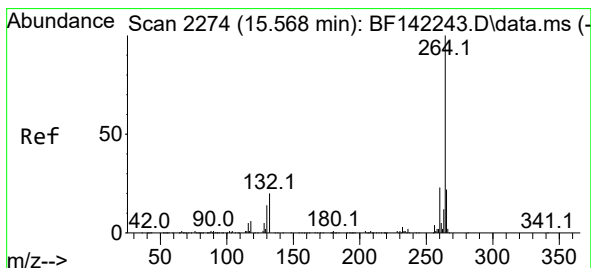
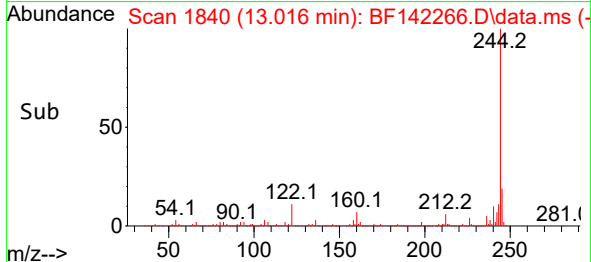
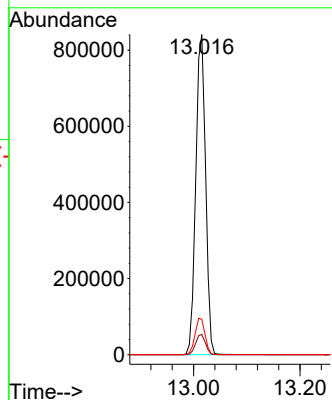
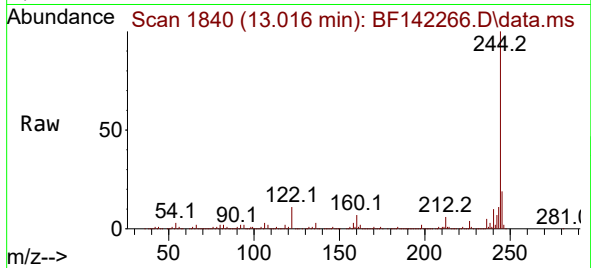




#79  
 Terphenyl-d14  
 Concen: 36.054 ng  
 RT: 13.016 min Scan# 1840  
 Delta R.T. -0.006 min  
 Lab File: BF142266.D  
 Acq: 01 May 2025 17:57

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-7

Tgt Ion:244 Resp: 1073789  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.3 7.9  
 122 11.1 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2272  
 Delta R.T. -0.012 min  
 Lab File: BF142266.D  
 Acq: 01 May 2025 17:57

Tgt Ion:264 Resp: 424823  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.4 27.6  
 265 21.6 17.3 25.9

