

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052125\  
 Data File : BF142498.D  
 Acq On : 21 May 2025 20:32  
 Operator : RC/JU  
 Sample : Q2074-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-15

Quant Time: May 22 01:02:51 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  | 93778    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 305155   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 121772   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.428 | 188  | 185219   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.069 | 240  | 233381   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.563 | 264  | 204381   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 383470   | 68.892 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 445781   | 66.530 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 250254   | 44.718 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 83294    | 61.630 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 429388   | 47.316 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.010 | 244  | 472603   | 27.673 | ng    | 0.00     |

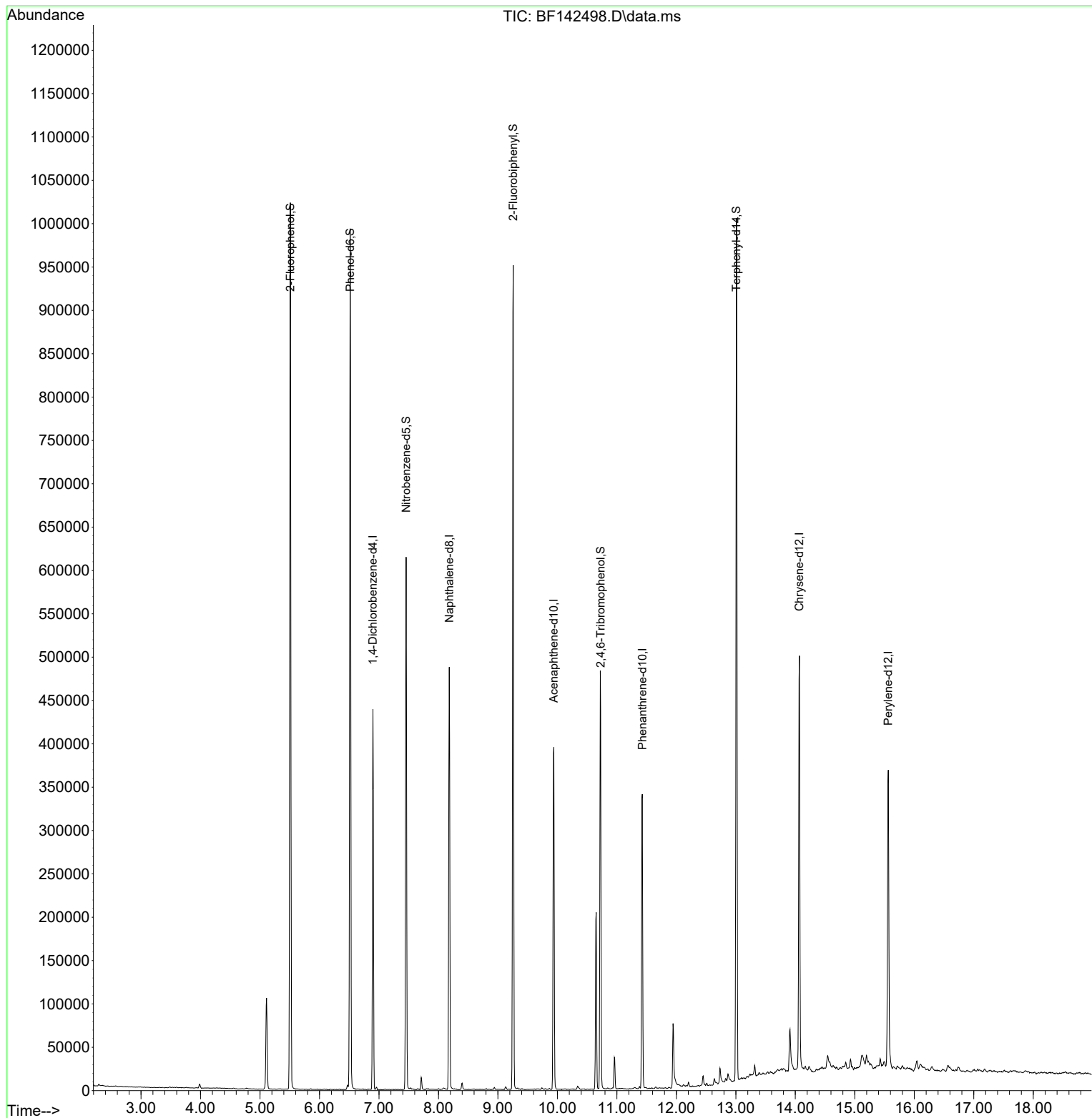
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

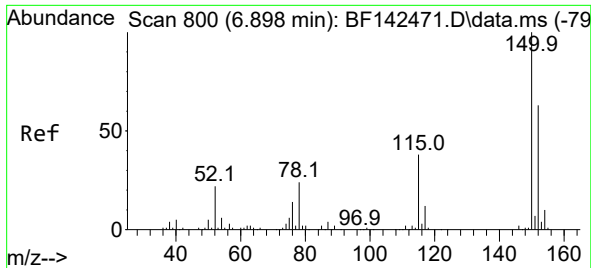
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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Quant Time: May 22 01:02:51 2025  
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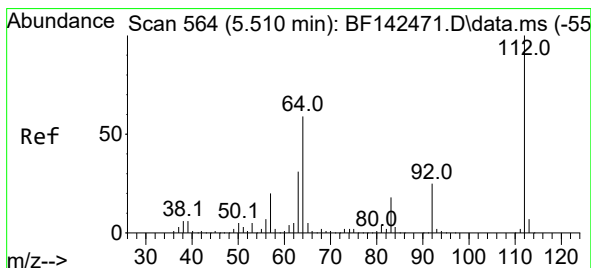
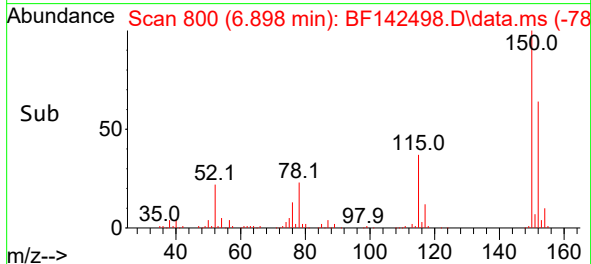
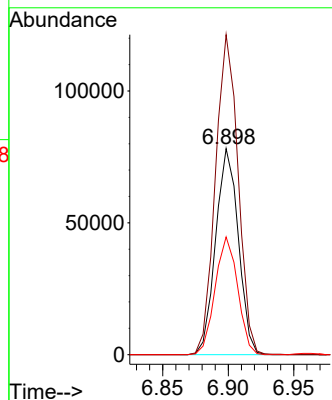
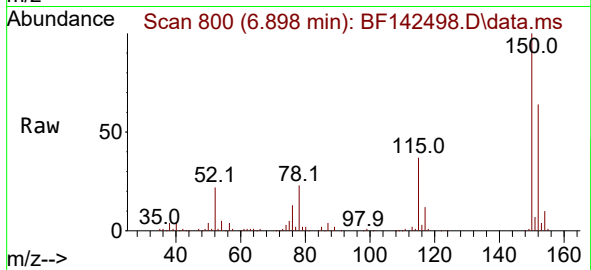




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 800  
 Delta R.T. -0.006 min  
 Lab File: BF142498.D  
 Acq: 21 May 2025 20:32

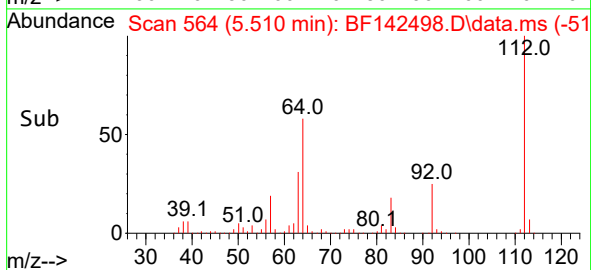
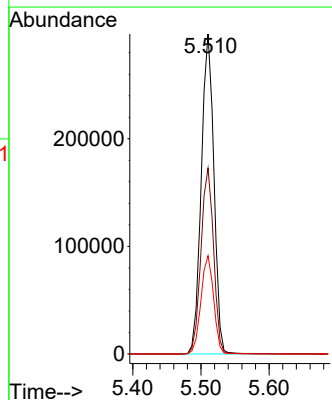
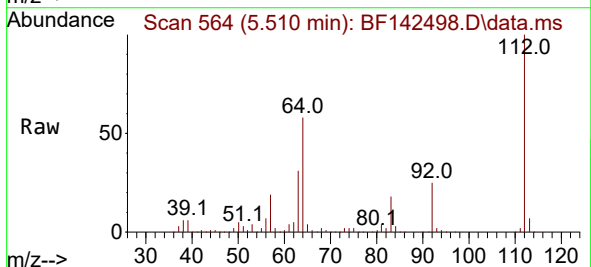
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-15

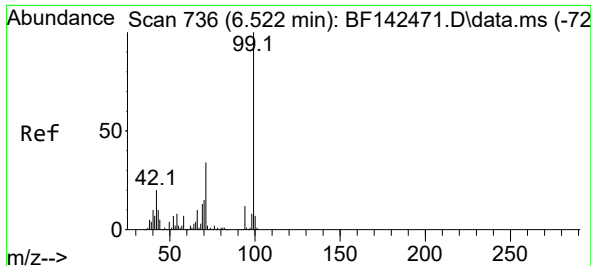
Tgt Ion:152 Resp: 93778  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 128.2 192.4  
 115 57.2 48.3 72.5



#5  
 2-Fluorophenol  
 Concen: 68.892 ng  
 RT: 5.510 min Scan# 564  
 Delta R.T. -0.006 min  
 Lab File: BF142498.D  
 Acq: 21 May 2025 20:32

Tgt Ion:112 Resp: 383470  
 Ion Ratio Lower Upper  
 112 100  
 64 58.0 47.5 71.3  
 63 30.7 24.9 37.3

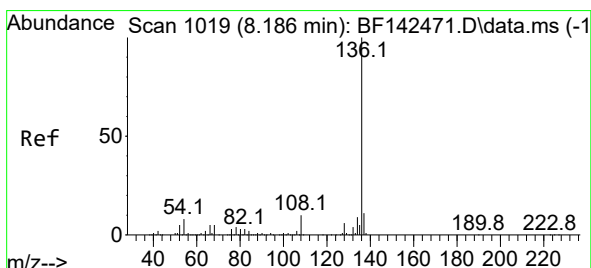
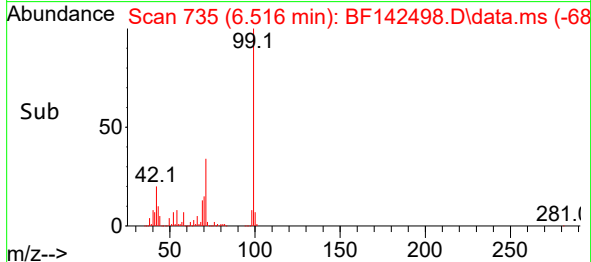
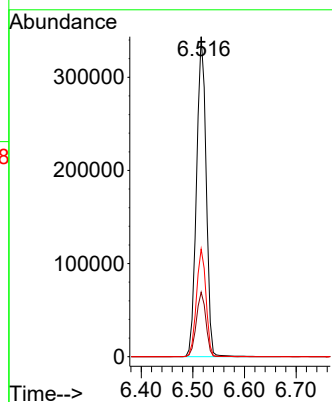
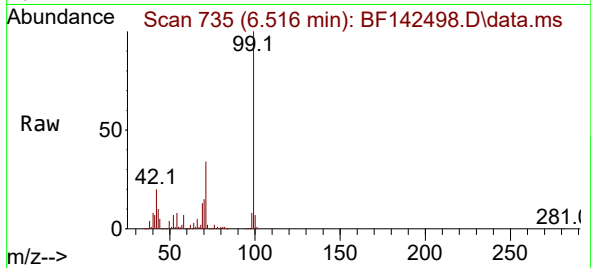




#7  
Phenol-d6  
Concen: 66.530 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF142498.D  
Acq: 21 May 2025 20:32

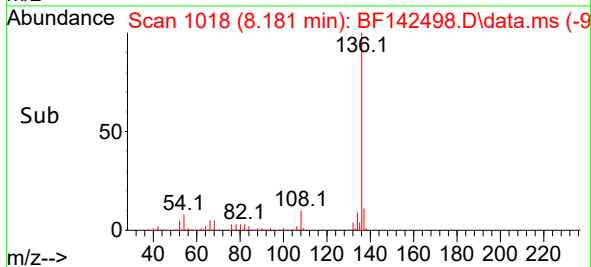
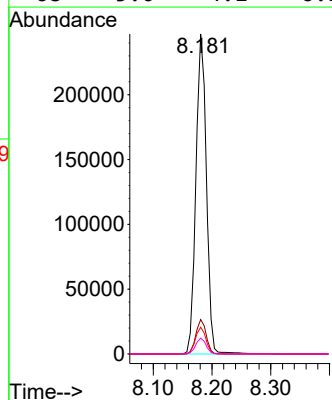
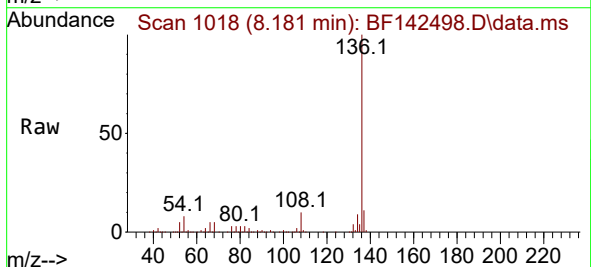
Instrument :  
BNA\_F  
ClientSampleId :  
TP-15

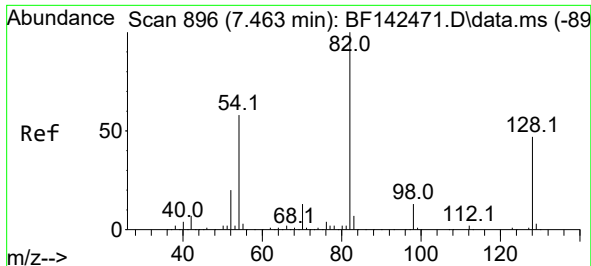
Tgt Ion: 99 Resp: 445781  
Ion Ratio Lower Upper  
99 100  
42 20.2 16.2 24.2  
71 33.6 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142498.D  
Acq: 21 May 2025 20:32

Tgt Ion:136 Resp: 305155  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.4 6.6 10.0  
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 44.718 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142498.D

Acq: 21 May 2025 20:32

Instrument :

BNA\_F

ClientSampleId :

TP-15

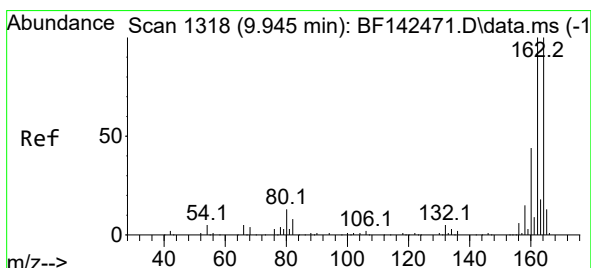
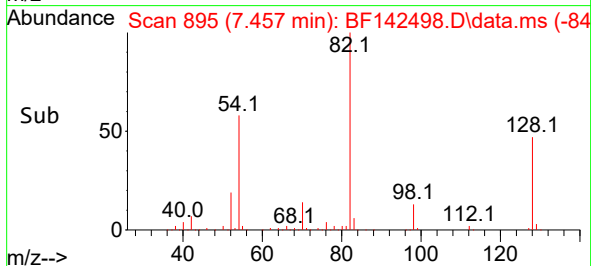
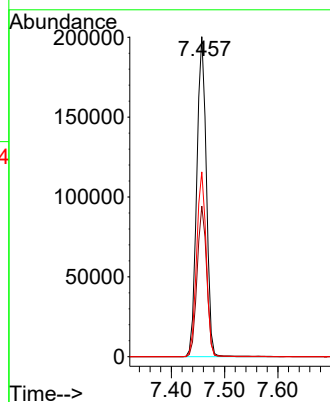
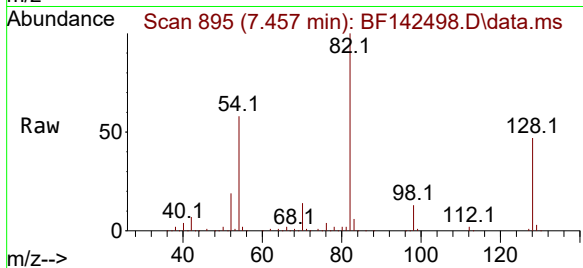
Tgt Ion: 82 Resp: 250254

Ion Ratio Lower Upper

82 100

128 47.0 37.4 56.2

54 57.8 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142498.D

Acq: 21 May 2025 20:32

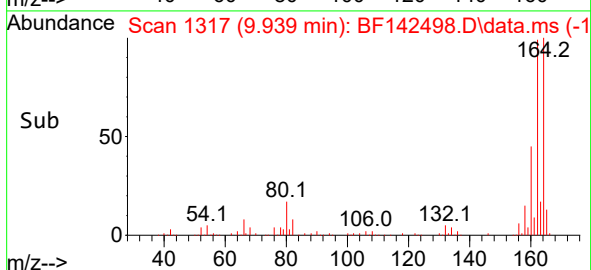
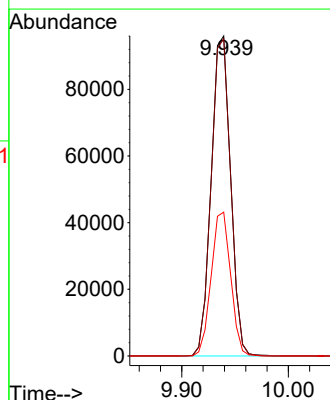
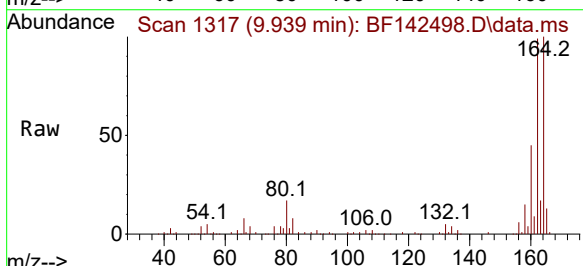
Tgt Ion:164 Resp: 121772

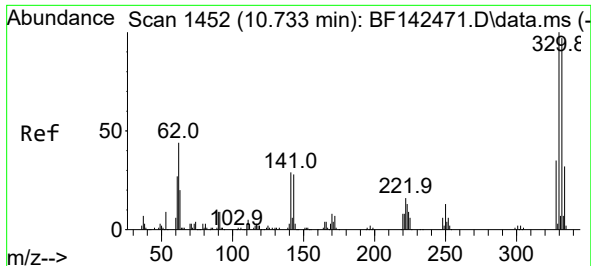
Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

160 44.9 35.6 53.4

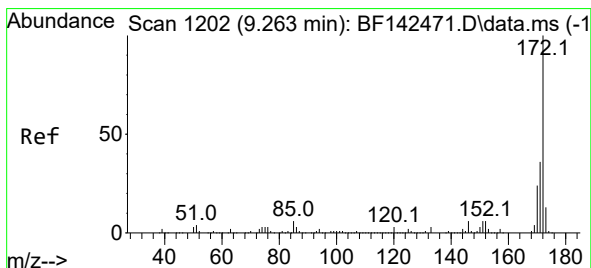
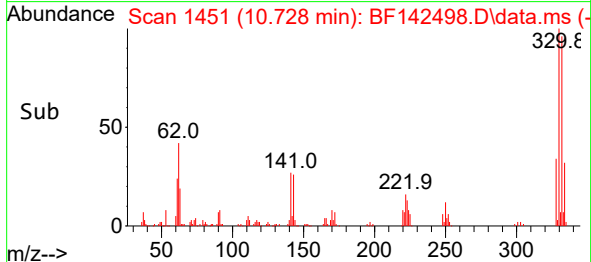
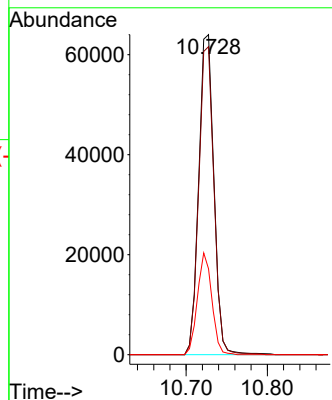
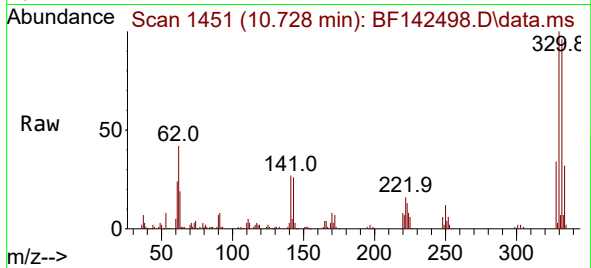




#42  
2,4,6-Tribromophenol  
Concen: 61.630 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF142498.D  
Acq: 21 May 2025 20:32

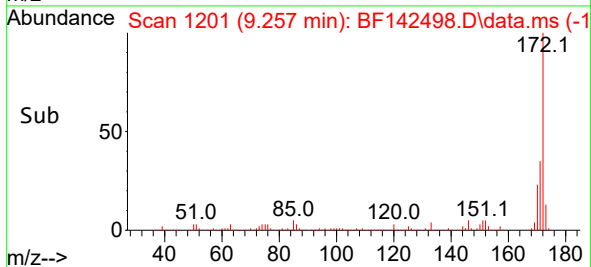
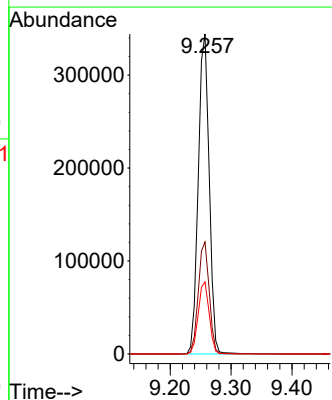
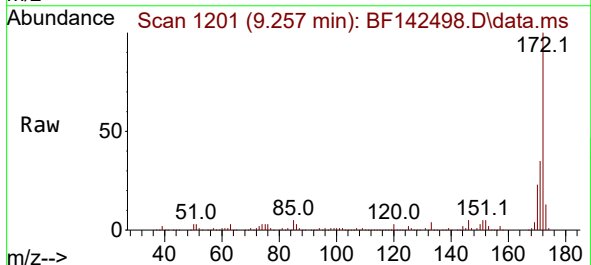
Instrument :  
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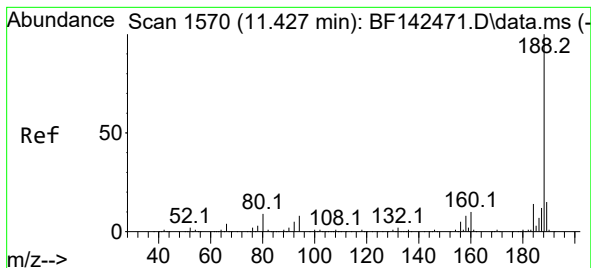
Tgt Ion:330 Resp: 83294  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.6 116.4  
141 30.1 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 47.316 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF142498.D  
Acq: 21 May 2025 20:32

Tgt Ion:172 Resp: 429388  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 42.8  
170 22.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142498.D

Acq: 21 May 2025 20:32

Instrument :

BNA\_F

ClientSampleId :

TP-15

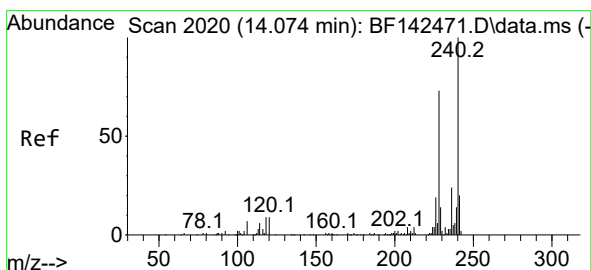
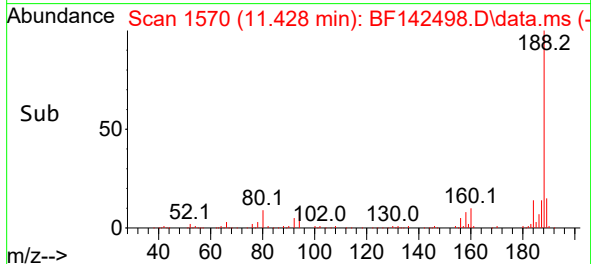
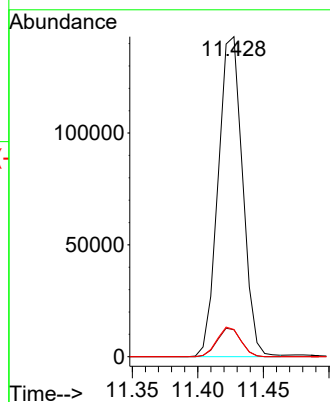
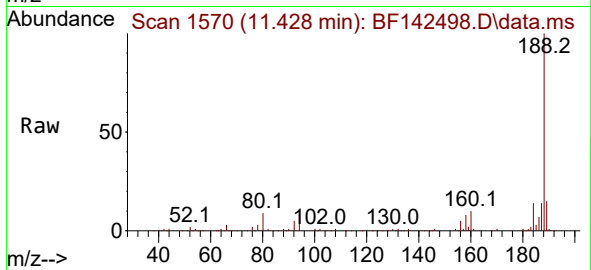
Tgt Ion:188 Resp: 185219

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 8.5 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142498.D

Acq: 21 May 2025 20:32

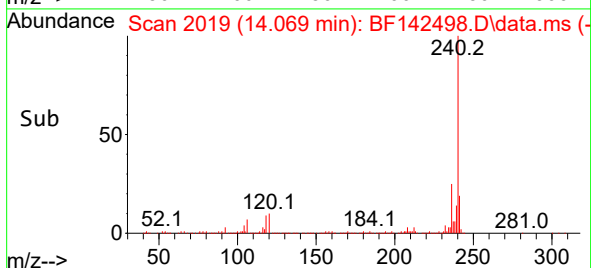
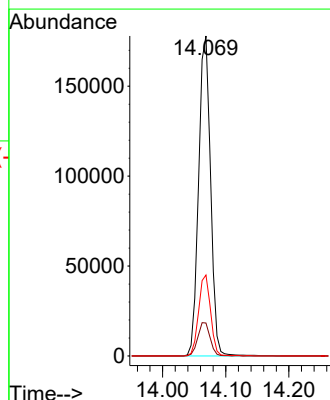
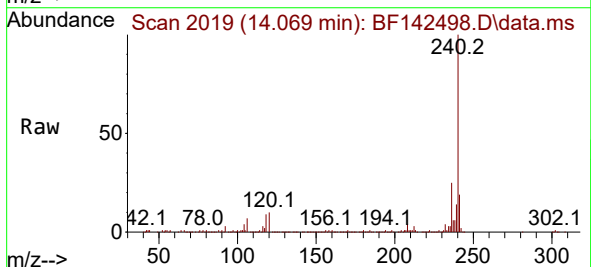
Tgt Ion:240 Resp: 233381

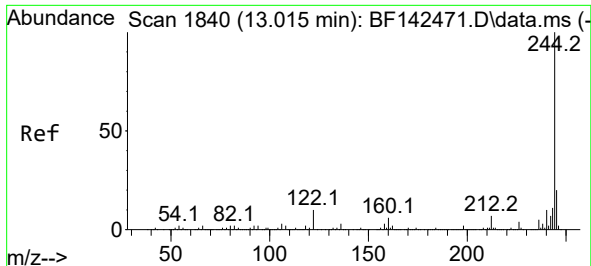
Ion Ratio Lower Upper

240 100

120 10.3 7.5 11.3

236 25.3 19.6 29.4

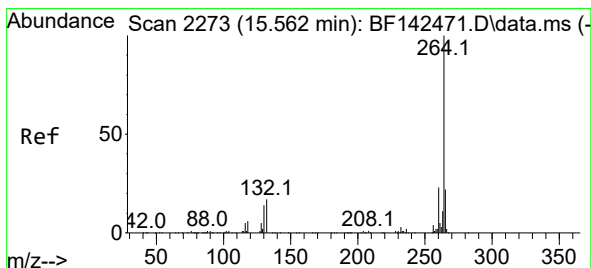
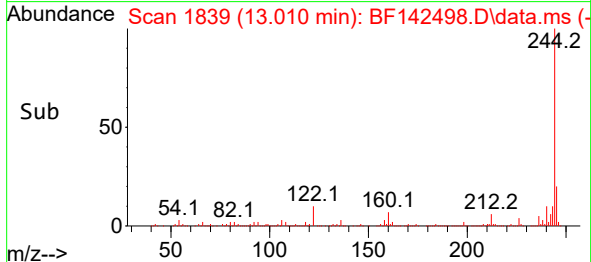
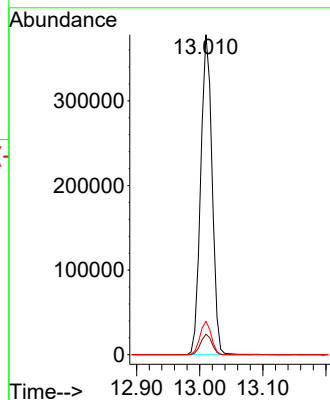
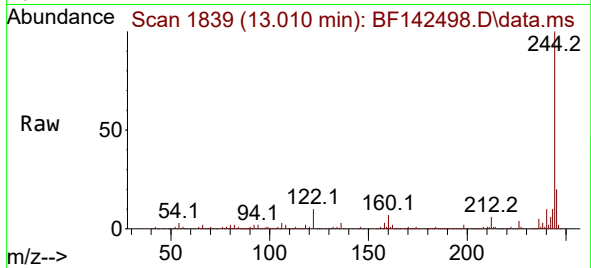




#79  
 Terphenyl-d14  
 Concen: 27.673 ng  
 RT: 13.010 min Scan# 1840  
 Delta R.T. -0.006 min  
 Lab File: BF142498.D  
 Acq: 21 May 2025 20:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-15

Tgt Ion:244 Resp: 472603  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.3 7.9  
 122 10.4 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: BF142498.D  
 Acq: 21 May 2025 20:32

Tgt Ion:264 Resp: 204381  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 28.0  
 265 21.8 17.7 26.5

