

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
 Data File : BF142420.D  
 Acq On : 16 May 2025 11:42  
 Operator : RC/JU  
 Sample : PB167970BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167970BL

Quant Time: May 16 12:22:40 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  | 165323   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 649593   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 358475   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.428 | 188  | 646913   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.063 | 240  | 442239   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.557 | 264  | 340899   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 1214511  | 125.407 | ng    | 0.02     |
| 7) Phenol-d6                | 6.528  | 99   | 1455402  | 122.187 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 904183   | 84.889  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 503794   | 145.563 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 1854765  | 73.775  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.016 | 244  | 2129305  | 71.265  | ng    | 0.00     |

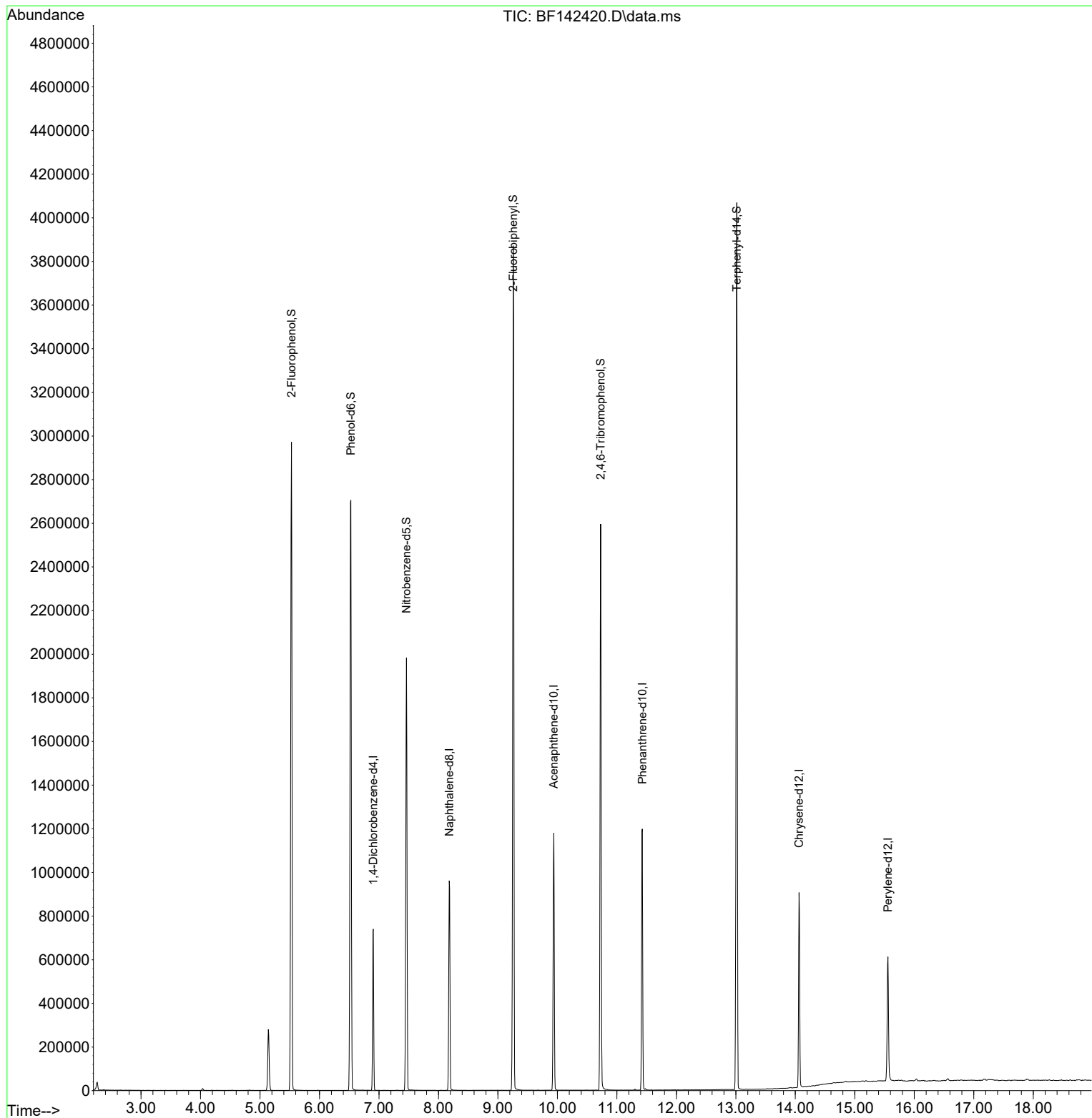
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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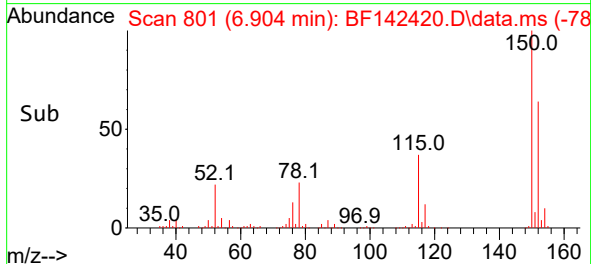
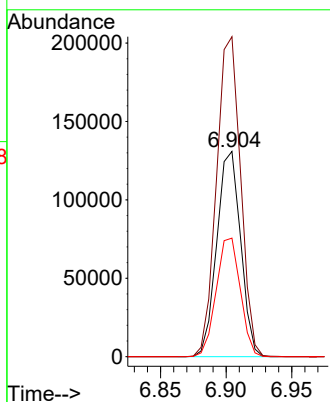
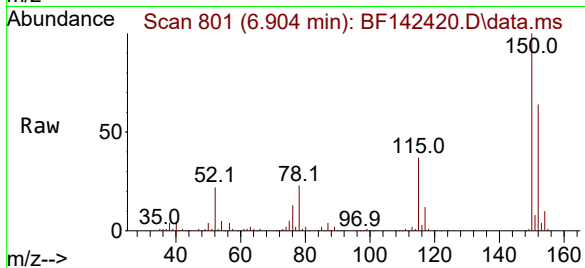




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 801  
Delta R.T. 0.000 min  
Lab File: BF142420.D  
Acq: 16 May 2025 11:42

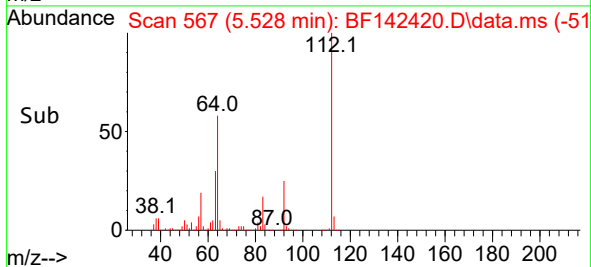
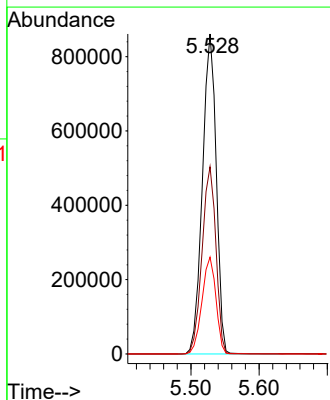
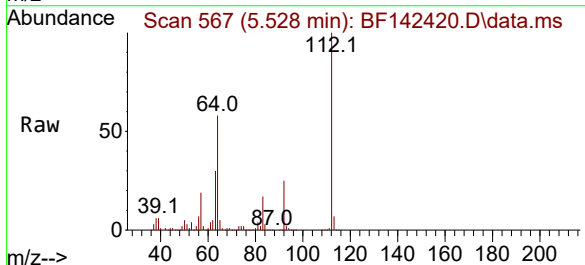
Instrument :  
BNA\_F  
ClientSampleId :  
PB167970BL

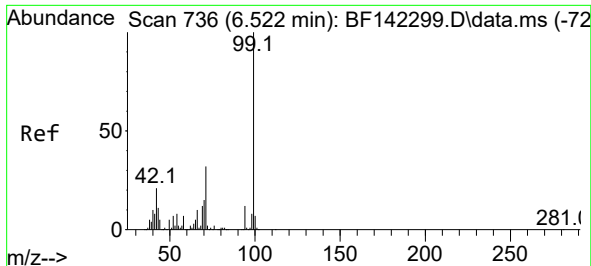
Tgt Ion:152 Resp: 165323  
Ion Ratio Lower Upper  
152 100  
150 155.9 126.6 190.0  
115 57.8 47.3 70.9



#5  
2-Fluorophenol  
Concen: 125.407 ng  
RT: 5.528 min Scan# 567  
Delta R.T. 0.018 min  
Lab File: BF142420.D  
Acq: 16 May 2025 11:42

Tgt Ion:112 Resp: 1214511  
Ion Ratio Lower Upper  
112 100  
64 58.5 48.9 73.3  
63 30.3 25.6 38.4

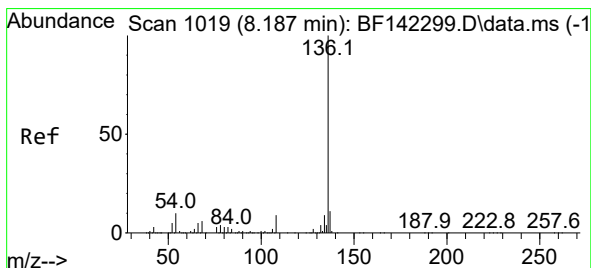
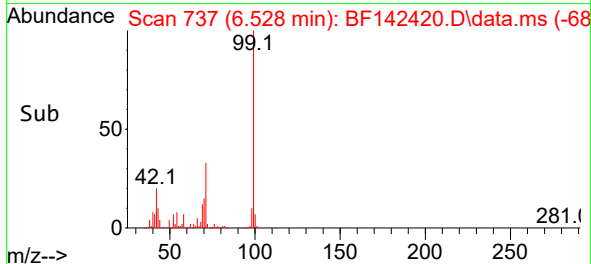
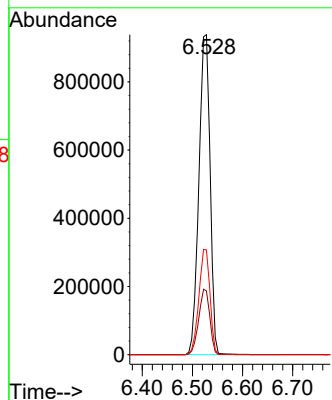
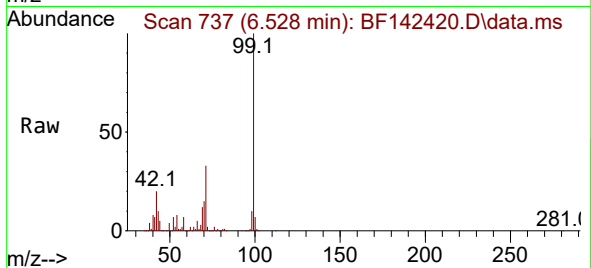




#7  
Phenol-d6  
Concen: 122.187 ng  
RT: 6.528 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF142420.D  
Acq: 16 May 2025 11:42

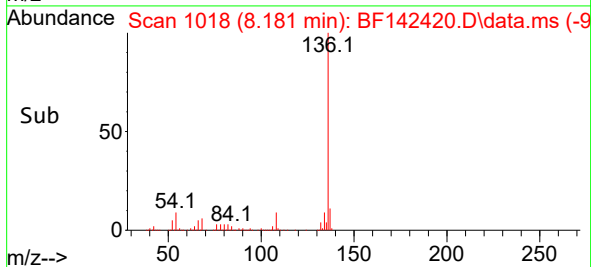
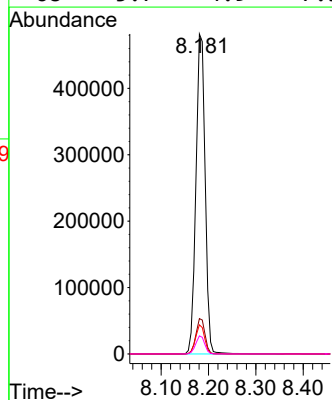
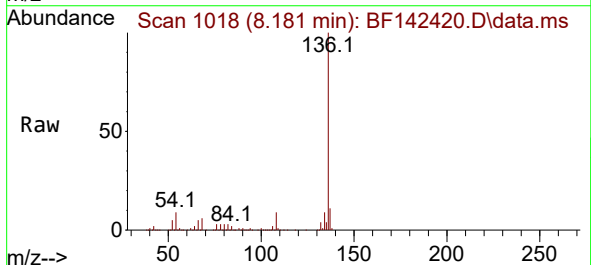
Instrument :  
BNA\_F  
ClientSampleId :  
PB167970BL

Tgt Ion: 99 Resp: 1455402  
Ion Ratio Lower Upper  
99 100  
42 19.9 17.0 25.4  
71 32.7 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: BF142420.D  
Acq: 16 May 2025 11:42

Tgt Ion: 136 Resp: 649593  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 9.1 7.7 11.5  
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 84.889 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142420.D

Acq: 16 May 2025 11:42

Instrument :

BNA\_F

ClientSampleId :

PB167970BL

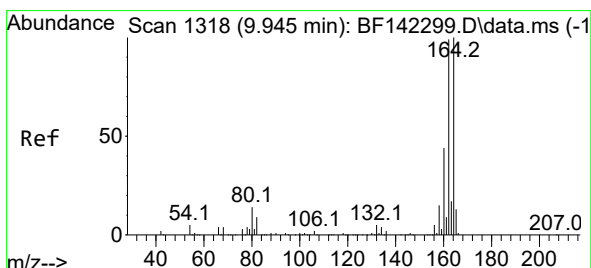
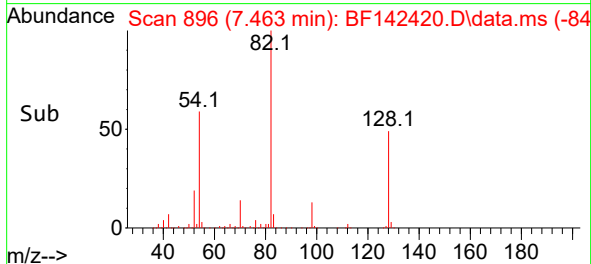
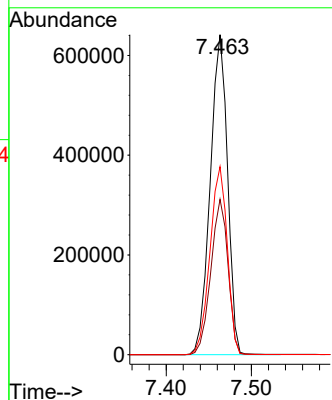
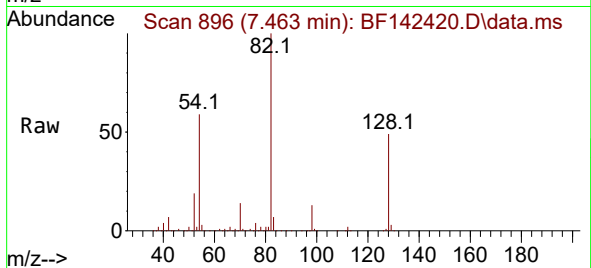
Tgt Ion: 82 Resp: 904183

Ion Ratio Lower Upper

82 100

128 48.5 37.0 55.6

54 58.8 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: BF142420.D

Acq: 16 May 2025 11:42

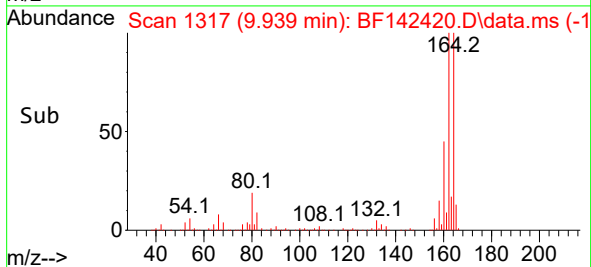
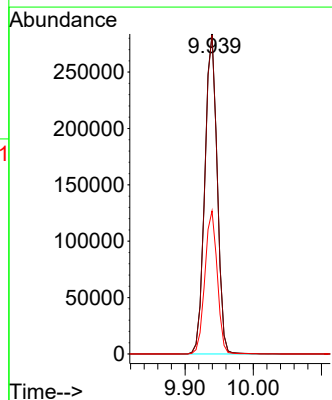
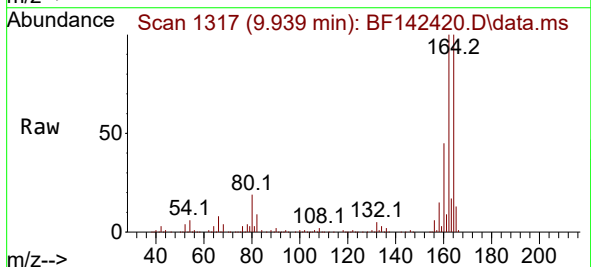
Tgt Ion:164 Resp: 358475

Ion Ratio Lower Upper

164 100

162 99.7 79.2 118.8

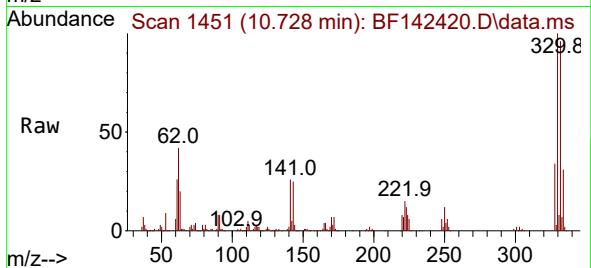
160 44.7 35.3 52.9



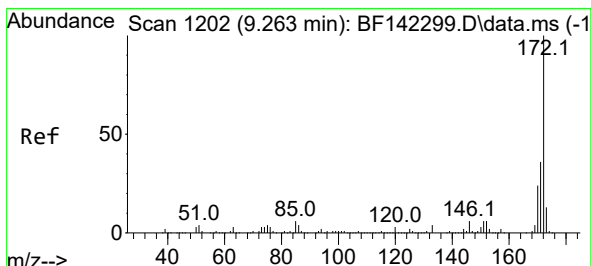
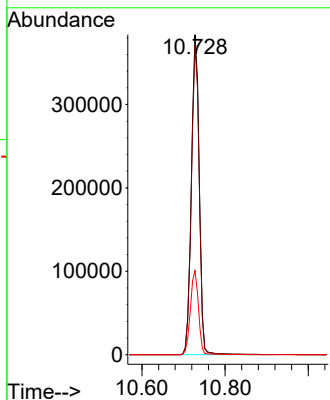
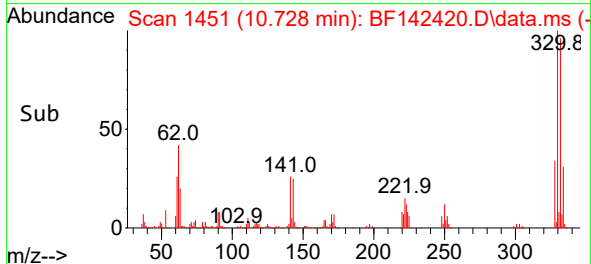


#42  
2,4,6-Tribromophenol  
Concen: 145.563 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142420.D  
Acq: 16 May 2025 11:42

Instrument :  
BNA\_F  
ClientSampleId :  
PB167970BL

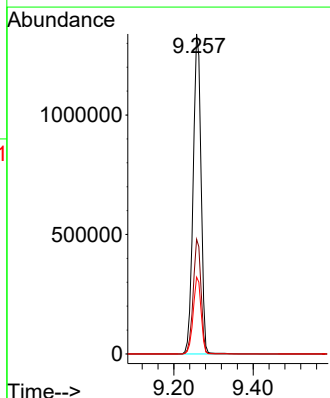
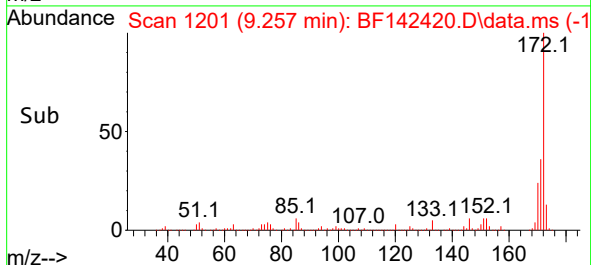
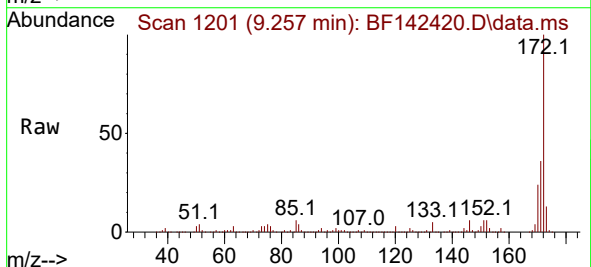


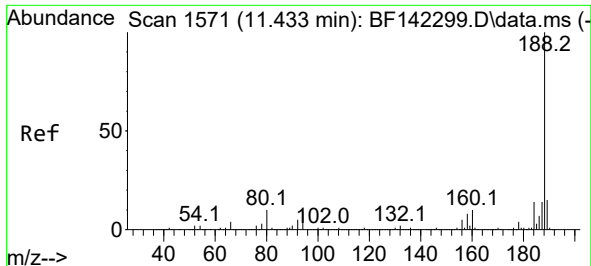
Tgt Ion:330 Resp: 503794  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.8 115.2  
141 27.0 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 73.775 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BF142420.D  
Acq: 16 May 2025 11:42

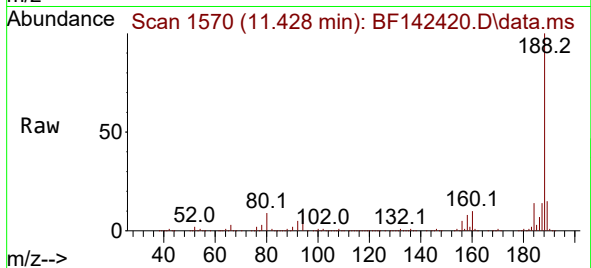
Tgt Ion:172 Resp: 1854765  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 42.8  
170 24.0 19.0 28.4



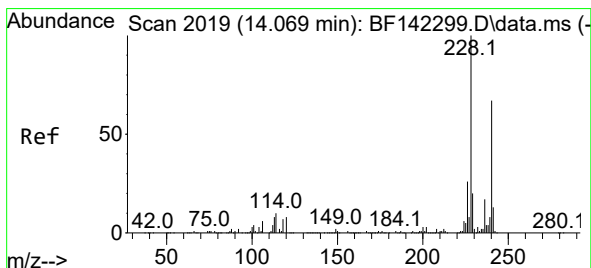
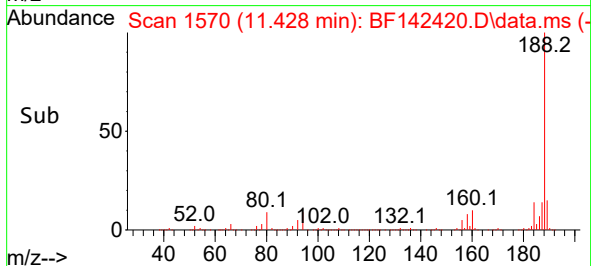
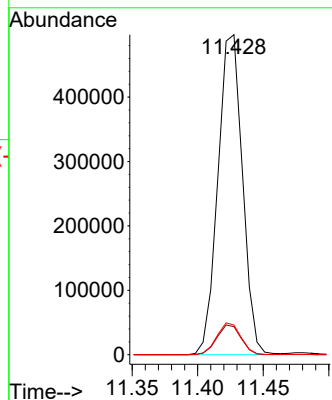


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.428 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142420.D  
Acq: 16 May 2025 11:42

Instrument :  
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PB167970BL

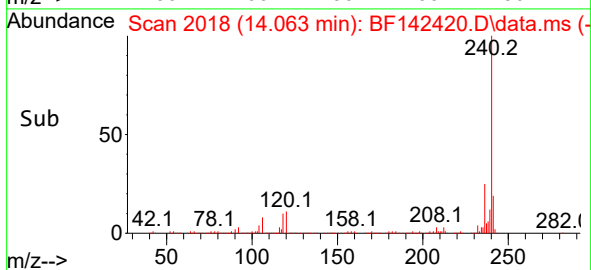
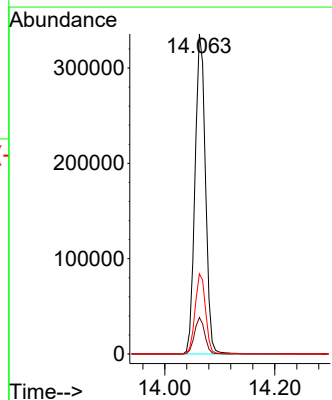
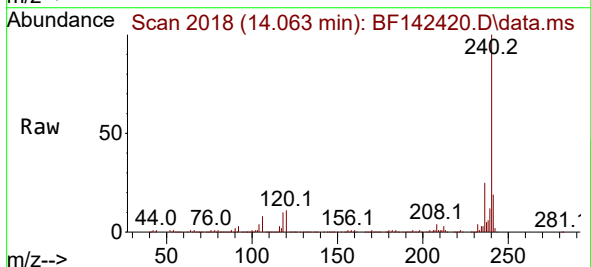


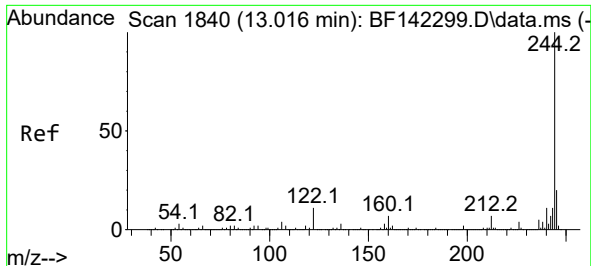
Tgt Ion:188 Resp: 646913  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.5 11.3  
80 9.2 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF142420.D  
Acq: 16 May 2025 11:42

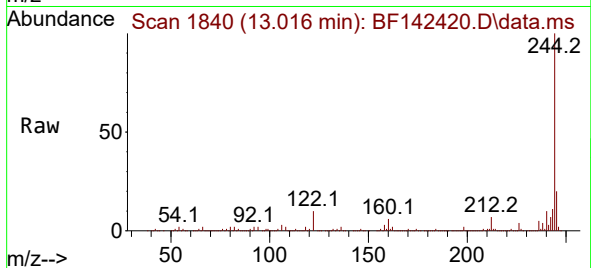
Tgt Ion:240 Resp: 442239  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.7 14.5  
236 25.1 20.0 30.0



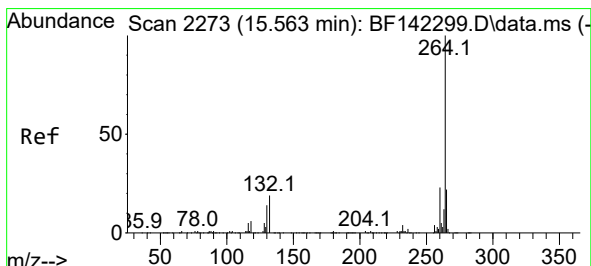
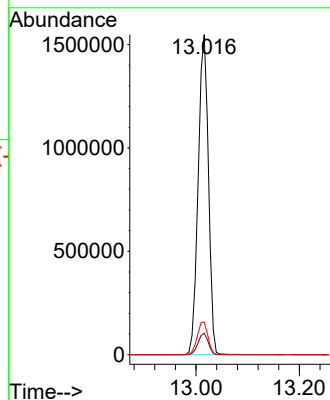
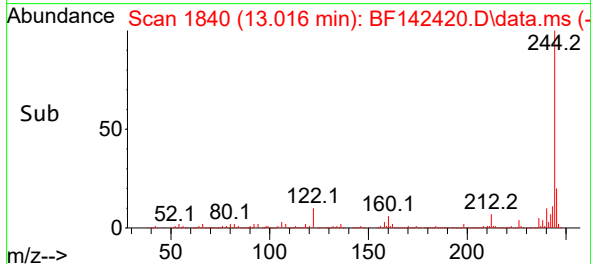


#79  
 Terphenyl-d14  
 Concen: 71.265 ng  
 RT: 13.016 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF142420.D  
 Acq: 16 May 2025 11:42

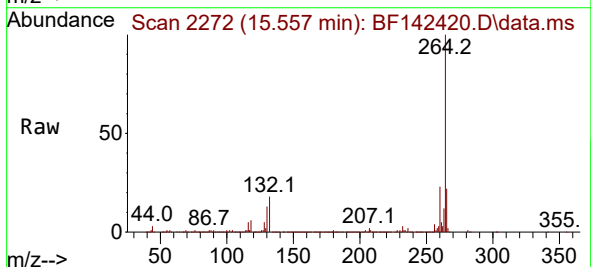
Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 2129305  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.4 8.2  
 122 10.2 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2272  
 Delta R.T. -0.006 min  
 Lab File: BF142420.D  
 Acq: 16 May 2025 11:42



Tgt Ion:264 Resp: 340899  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 27.8  
 265 21.5 17.5 26.3

