

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060225\  
 Data File : BF142591.D  
 Acq On : 02 Jun 2025 11:59  
 Operator : RC/JU  
 Sample : PB168219BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168219BL

Quant Time: Jun 02 12:43:02 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  | 123394   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 476779   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 264921   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.427 | 188  | 486581   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.068 | 240  | 317589   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.562 | 264  | 262091   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 878104   | 119.892 | ng    | 0.00     |
| 7) Phenol-d6                | 6.522  | 99   | 1054123  | 119.562 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 652840   | 74.665  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 365230   | 124.216 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 1414422  | 71.642  | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.016 | 244  | 1619103  | 69.668  | ng    | 0.00     |

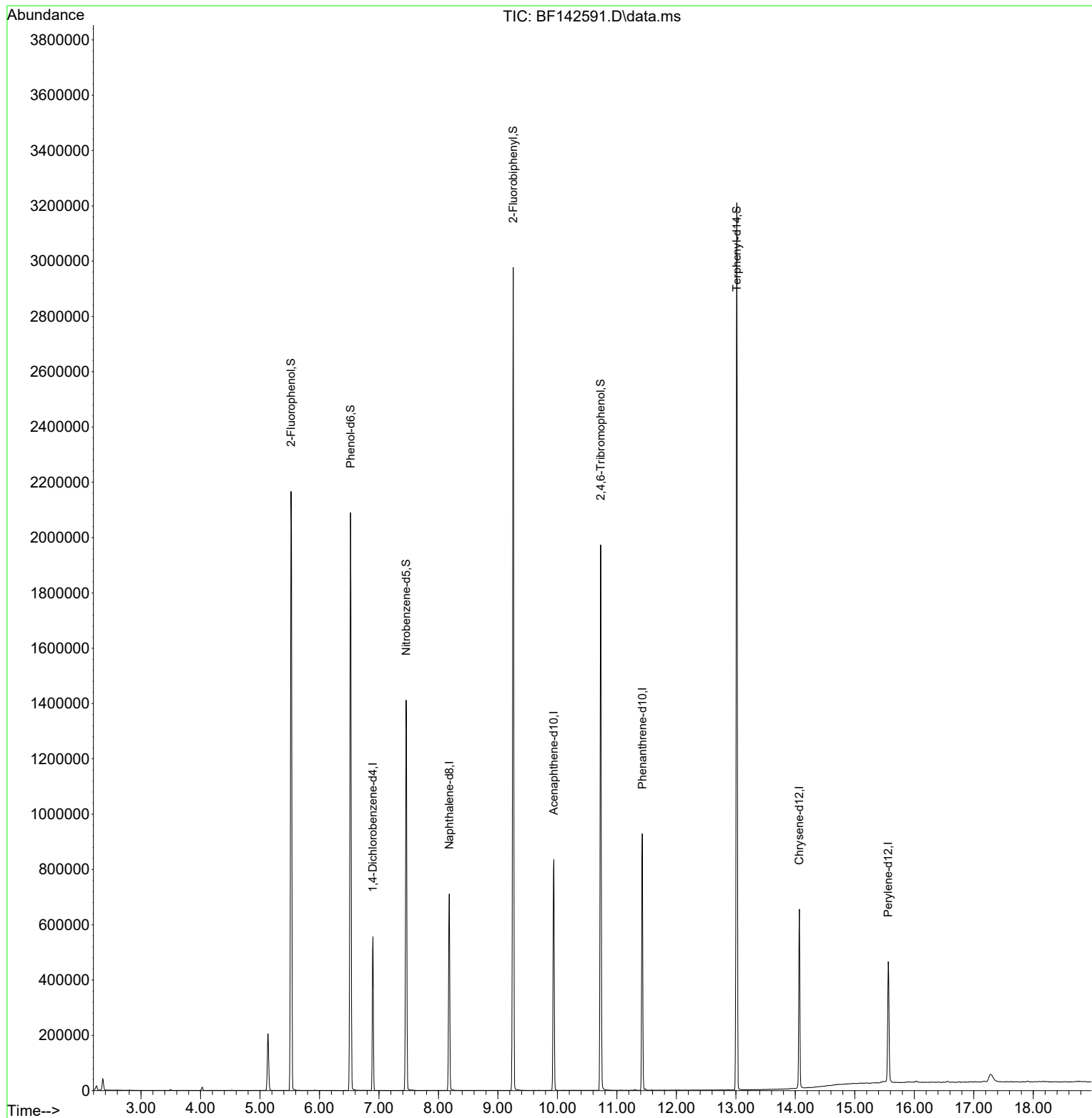
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

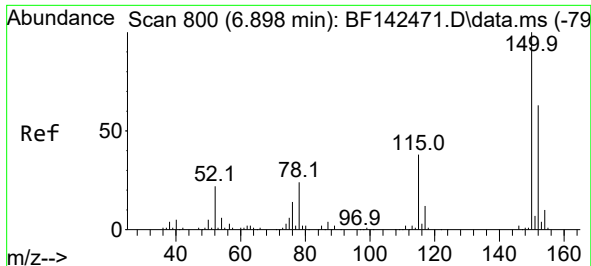
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060225\  
Data File : BF142591.D  
Acq On : 02 Jun 2025 11:59  
Operator : RC/JU  
Sample : PB168219BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB168219BL

Quant Time: Jun 02 12:43:02 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

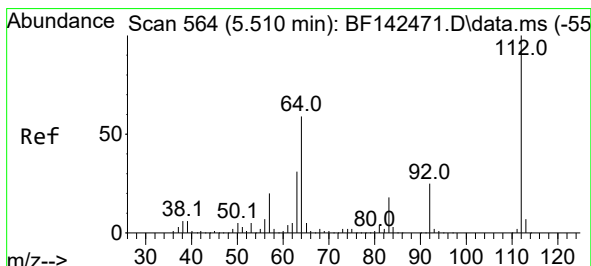
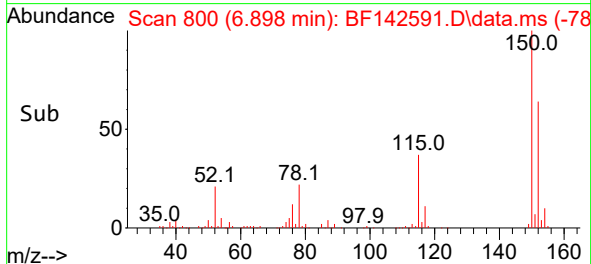
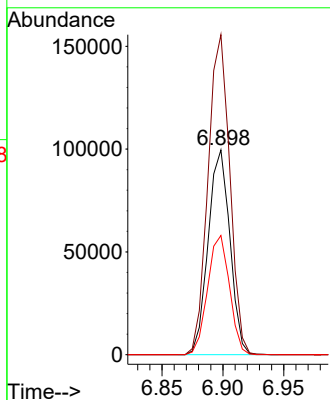
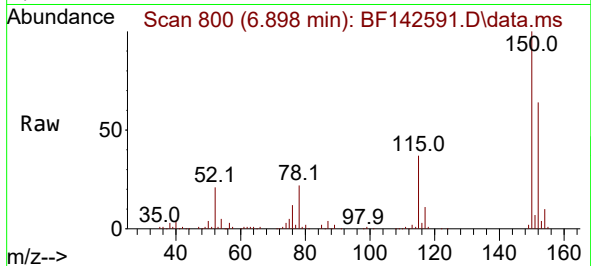




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

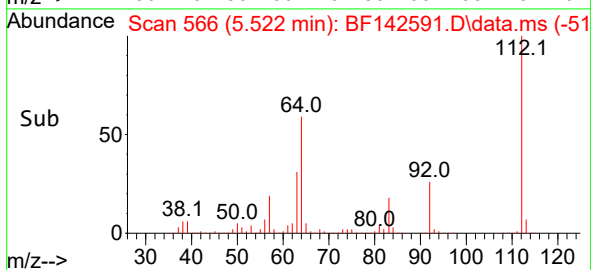
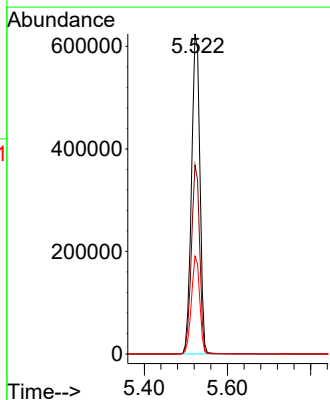
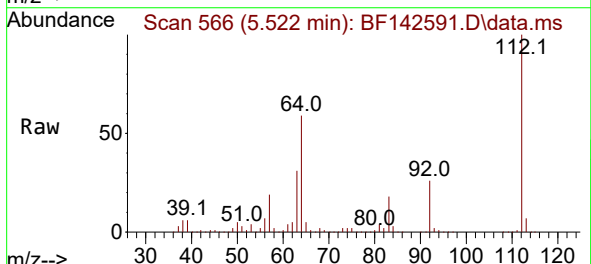
Instrument :  
BNA\_F  
ClientSampleId :  
PB168219BL

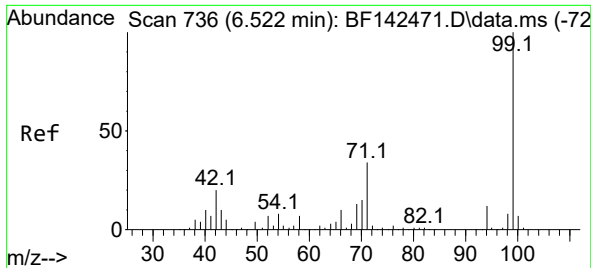
Tgt Ion:152 Resp: 123394  
Ion Ratio Lower Upper  
152 100  
150 156.3 128.2 192.4  
115 58.2 48.3 72.5



#5  
2-Fluorophenol  
Concen: 119.892 ng  
RT: 5.522 min Scan# 566  
Delta R.T. 0.006 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

Tgt Ion:112 Resp: 878104  
Ion Ratio Lower Upper  
112 100  
64 59.0 47.5 71.3  
63 30.5 24.9 37.3

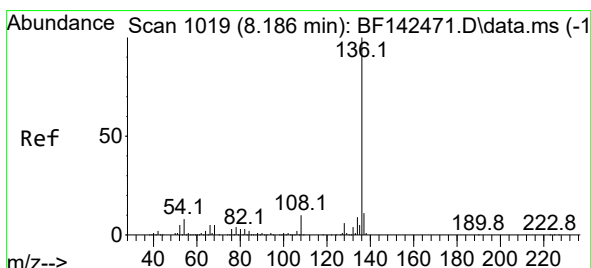
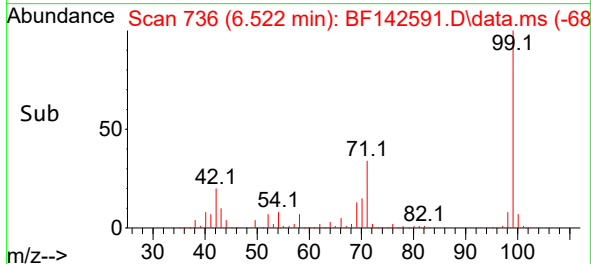
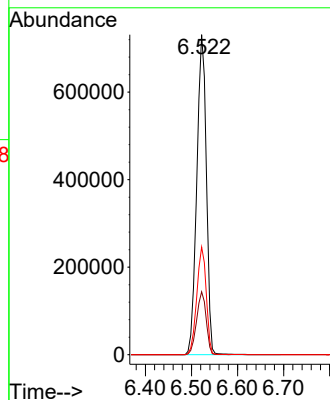
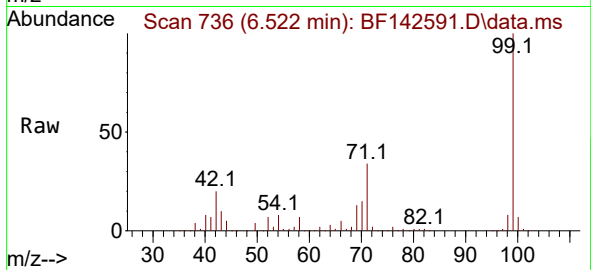




#7  
Phenol-d6  
Concen: 119.562 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

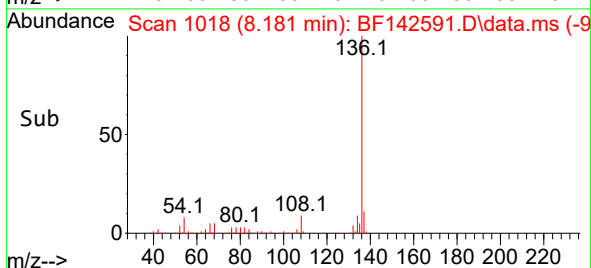
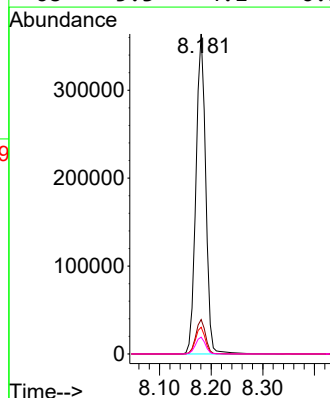
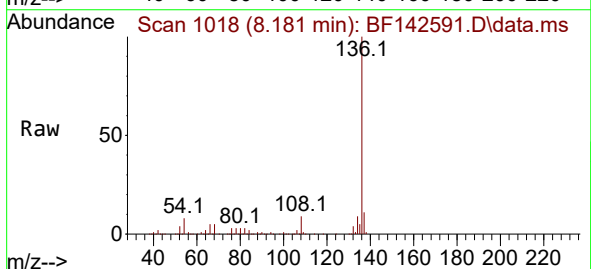
Instrument :  
BNA\_F  
ClientSampleId :  
PB168219BL

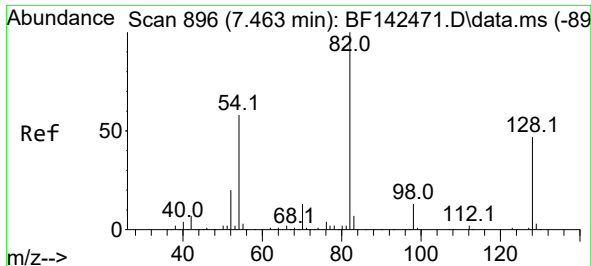
Tgt Ion: 99 Resp: 1054123  
Ion Ratio Lower Upper  
99 100  
42 19.6 16.2 24.2  
71 33.7 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

Tgt Ion:136 Resp: 476779  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.4 6.6 10.0  
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 74.665 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF142591.D

Acq: 02 Jun 2025 11:59

Instrument :

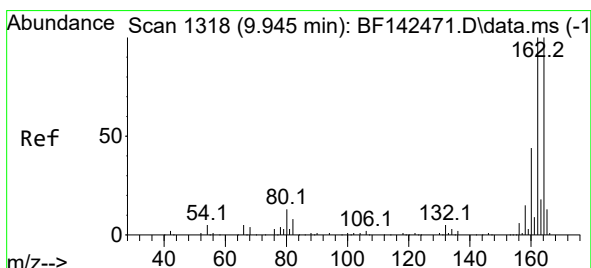
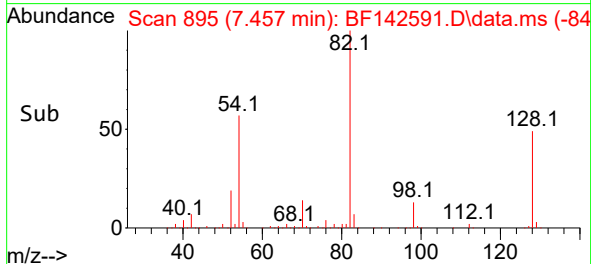
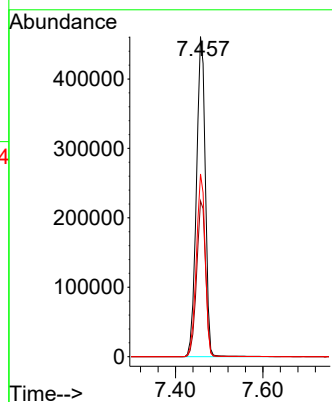
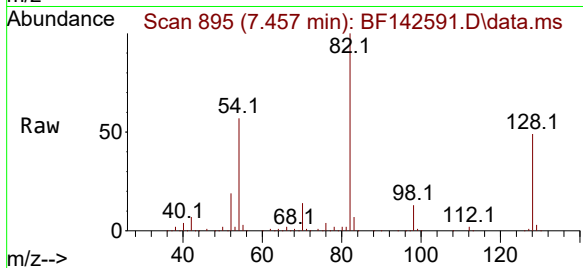
BNA\_F

ClientSampleId :

PB168219BL

Tgt Ion: 82 Resp: 652840

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.6  | 37.4  | 56.2  |
| 54  | 57.1  | 46.6  | 70.0  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

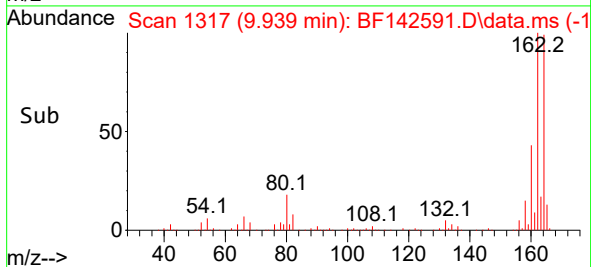
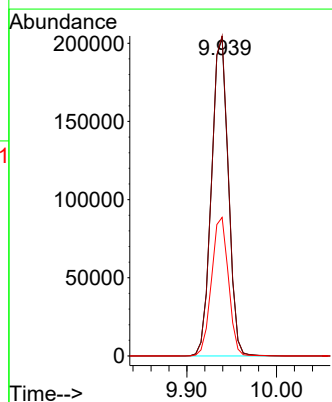
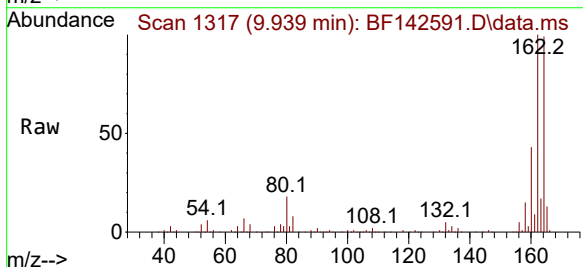
Delta R.T. -0.006 min

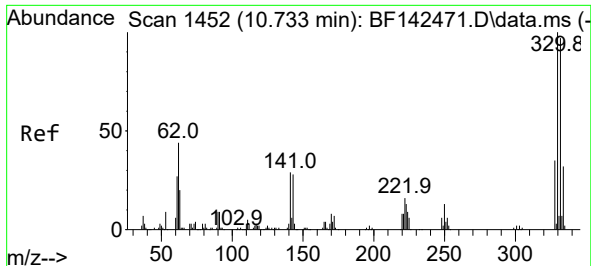
Lab File: BF142591.D

Acq: 02 Jun 2025 11:59

Tgt Ion: 164 Resp: 264921

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.8 | 80.2  | 120.4 |
| 160 | 43.6  | 35.6  | 53.4  |

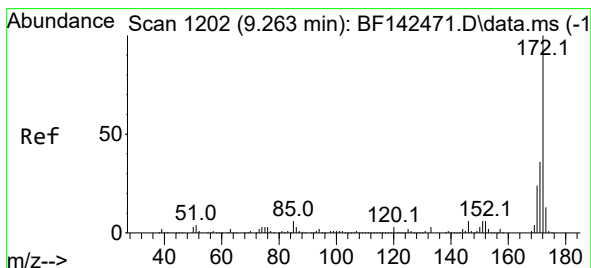
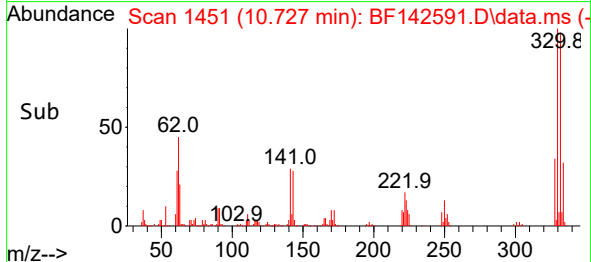
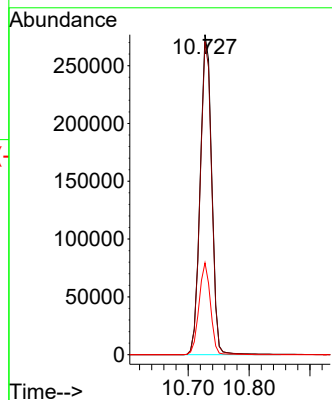
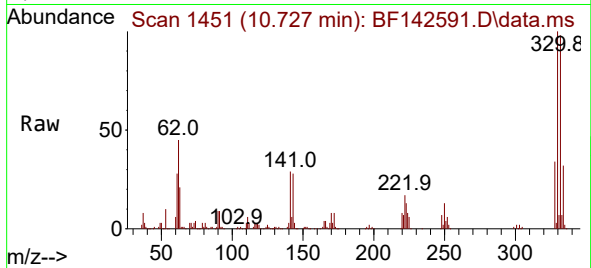




#42  
2,4,6-Tribromophenol  
Concen: 124.216 ng  
RT: 10.727 min Scan# 1451  
Delta R.T. -0.012 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

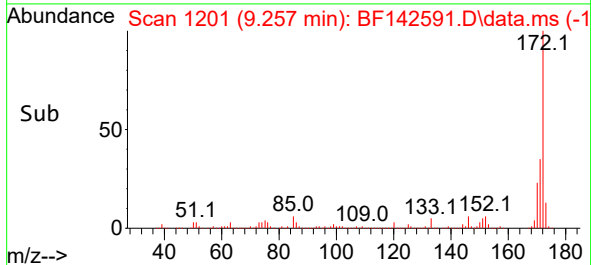
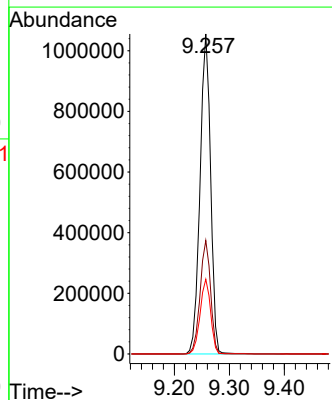
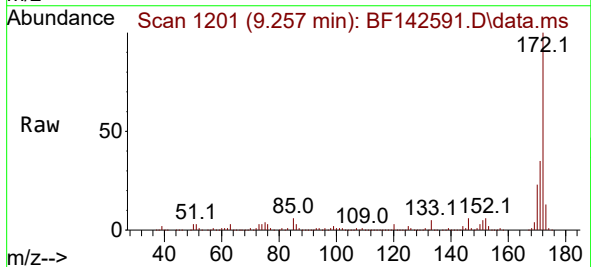
Instrument :  
BNA\_F  
ClientSampleId :  
PB168219BL

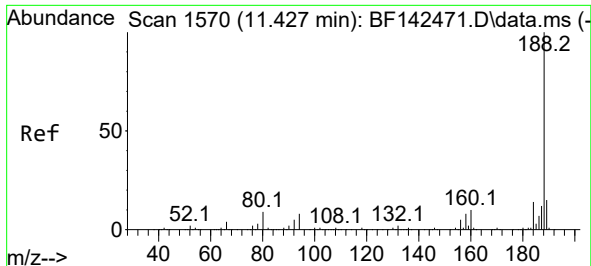
Tgt Ion:330 Resp: 365230  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.6 116.4  
141 28.4 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 71.642 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.012 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

Tgt Ion:172 Resp: 1414422  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 42.8  
170 23.4 18.9 28.3

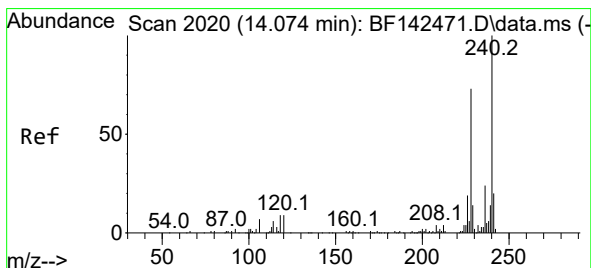
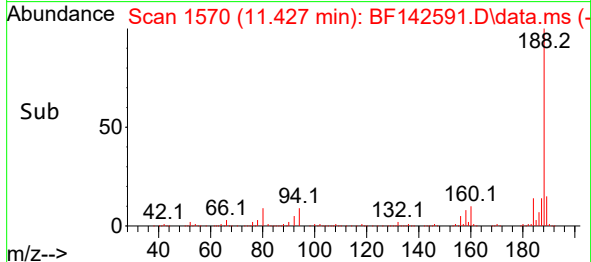
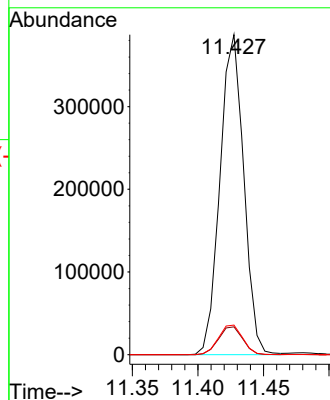
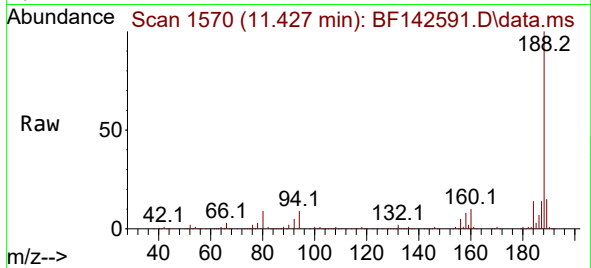




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

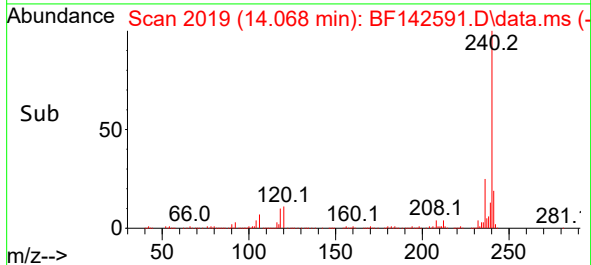
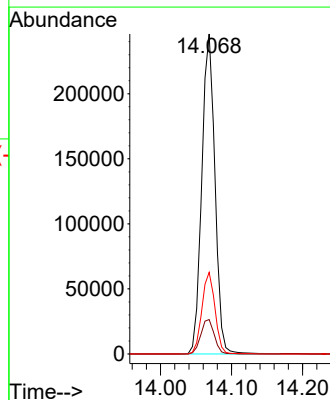
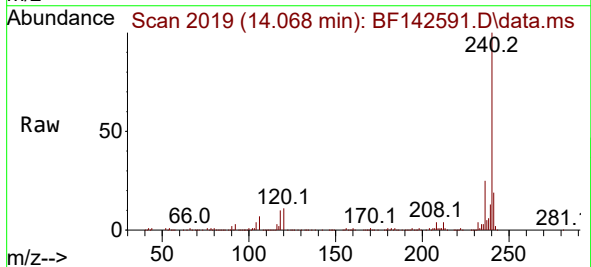
Instrument :  
BNA\_F  
ClientSampleId :  
PB168219BL

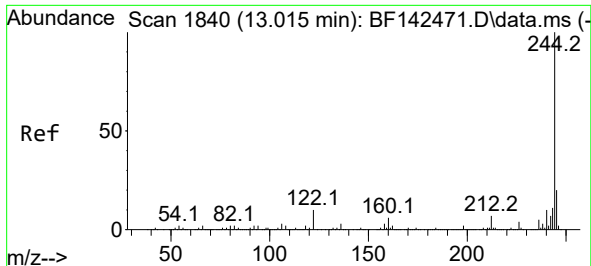
Tgt Ion:188 Resp: 486581  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.6 10.0  
80 9.3 7.4 11.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2019  
Delta R.T. -0.006 min  
Lab File: BF142591.D  
Acq: 02 Jun 2025 11:59

Tgt Ion:240 Resp: 317589  
Ion Ratio Lower Upper  
240 100  
120 10.8 7.5 11.3  
236 25.5 19.6 29.4

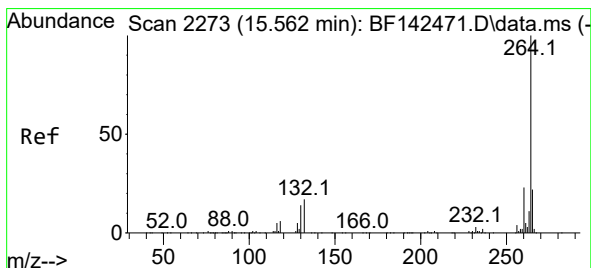
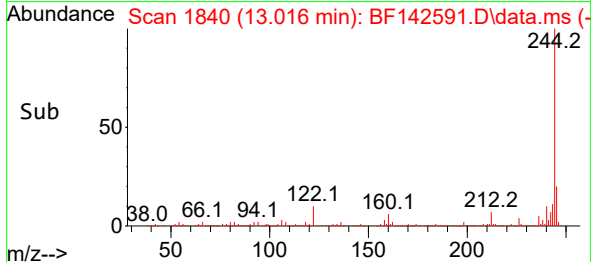
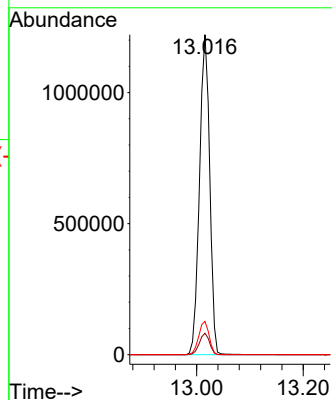
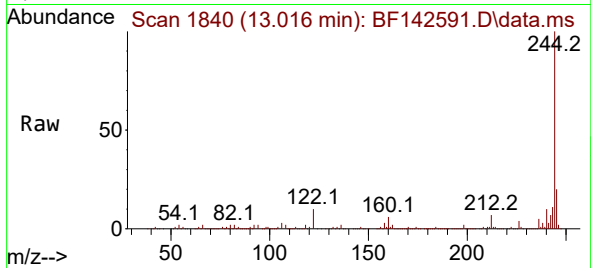




#79  
 Terphenyl-d14  
 Concen: 69.668 ng  
 RT: 13.016 min Scan# 1840  
 Delta R.T. 0.000 min  
 Lab File: BF142591.D  
 Acq: 02 Jun 2025 11:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168219BL

Tgt Ion:244 Resp: 1619103  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.3 7.9  
 122 10.4 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.562 min Scan# 2273  
 Delta R.T. -0.006 min  
 Lab File: BF142591.D  
 Acq: 02 Jun 2025 11:59

Tgt Ion:264 Resp: 262091  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.6 28.0  
 265 21.8 17.7 26.5

