

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070325\  
 Data File : BF142992.D  
 Acq On : 03 Jul 2025 12:25  
 Operator : RC/JU  
 Sample : PB168685BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168685BL

Quant Time: Jul 03 12:58:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 24 05:28:21 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 71958    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 270236   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.916  | 164  | 144389   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 235744   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 133506   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.545 | 264  | 152353   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 495533   | 114.654 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 583362   | 114.405 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 366248   | 74.339  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 175996   | 118.447 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 810614   | 73.751  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.992 | 244  | 715353   | 74.034  | ng    | 0.00     |

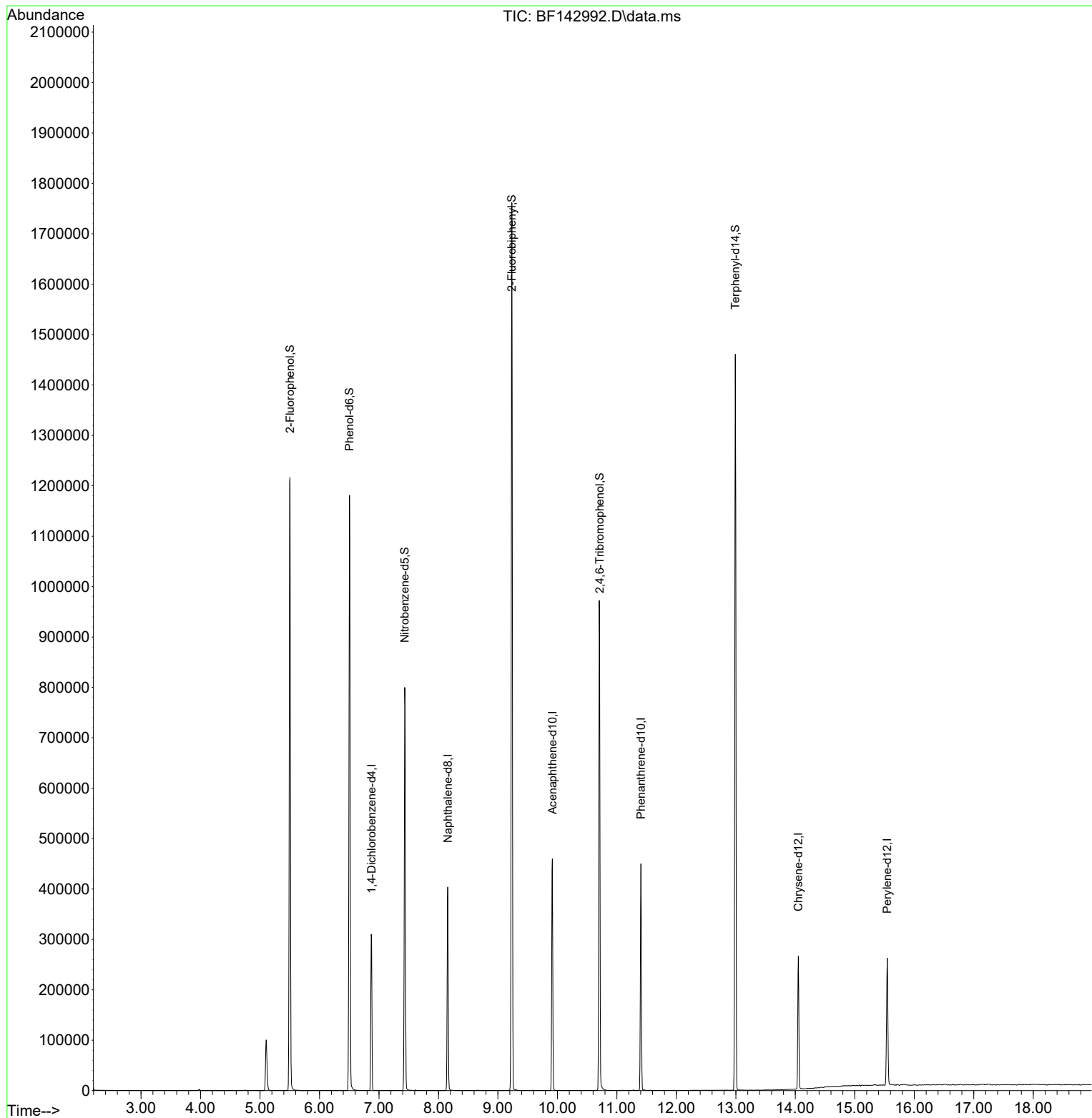
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

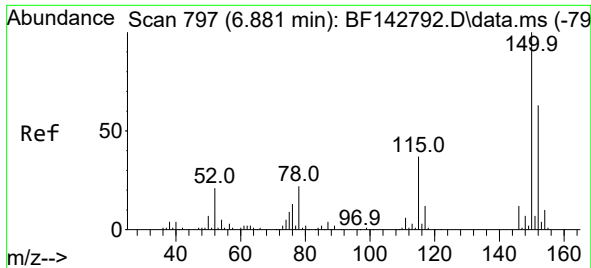
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 24 05:28:21 2025  
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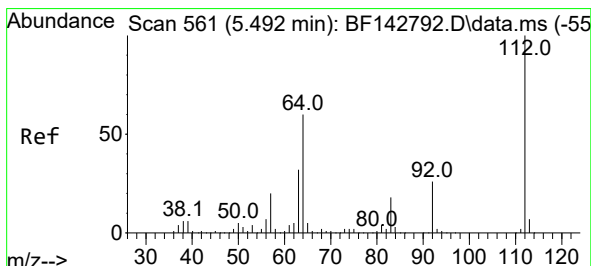
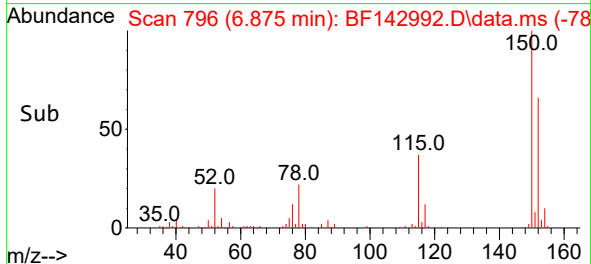
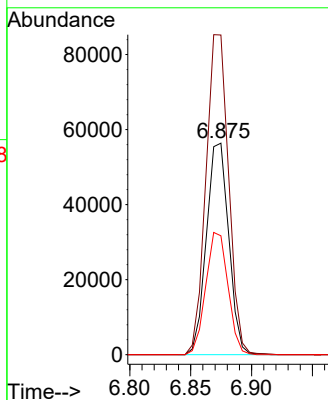
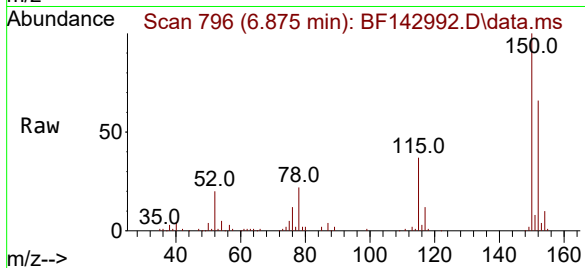




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 797  
 Delta R.T. -0.006 min  
 Lab File: BF142992.D  
 Acq: 03 Jul 2025 12:25

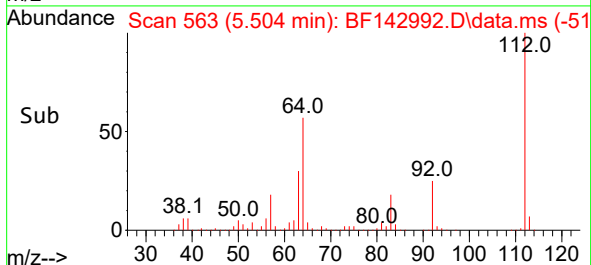
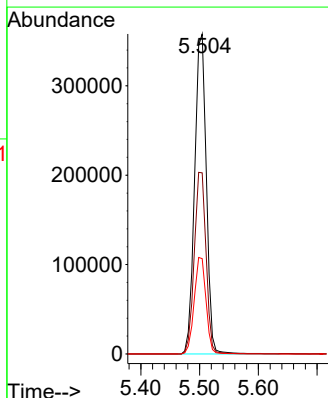
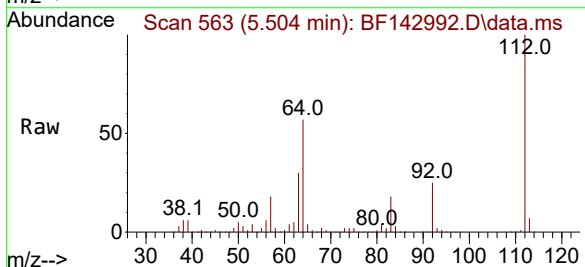
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168685BL

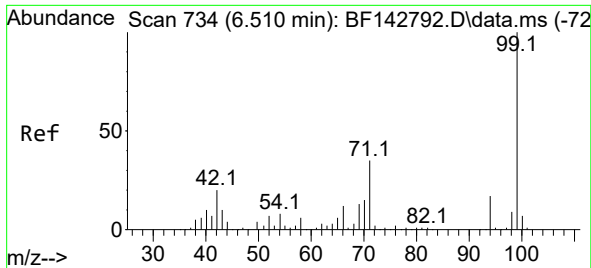
Tgt Ion:152 Resp: 71958  
 Ion Ratio Lower Upper  
 152 100  
 150 151.1 127.2 190.8  
 115 56.2 46.6 69.8



#5  
 2-Fluorophenol  
 Concen: 114.654 ng  
 RT: 5.504 min Scan# 563  
 Delta R.T. 0.012 min  
 Lab File: BF142992.D  
 Acq: 03 Jul 2025 12:25

Tgt Ion:112 Resp: 495533  
 Ion Ratio Lower Upper  
 112 100  
 64 56.6 48.2 72.2  
 63 29.8 25.7 38.5

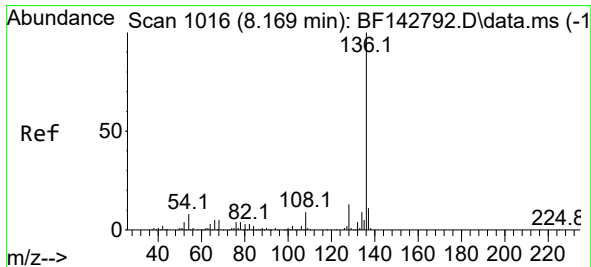
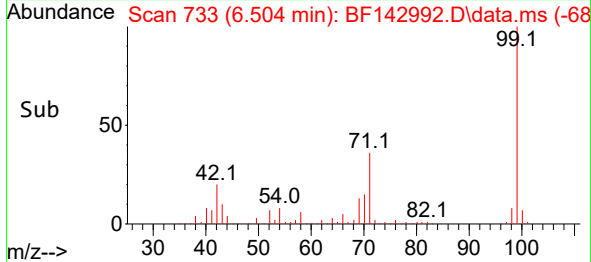
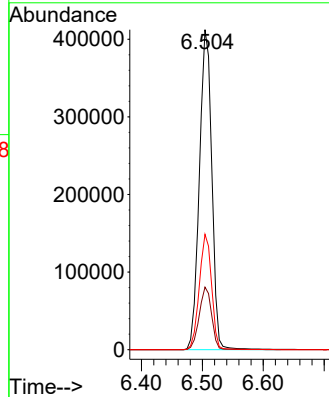
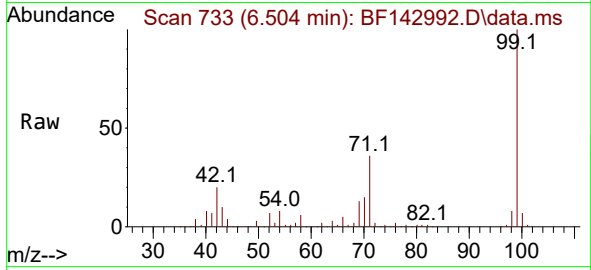




#7  
Phenol-d6  
Concen: 114.405 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF142992.D  
Acq: 03 Jul 2025 12:25

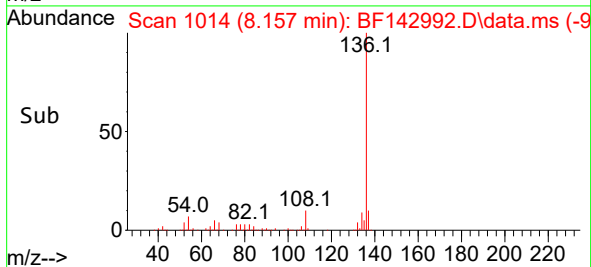
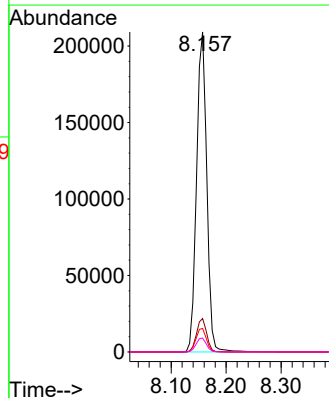
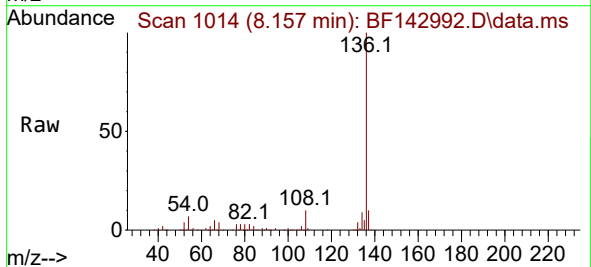
Instrument :  
BNA\_F  
ClientSampleId :  
PB168685BL

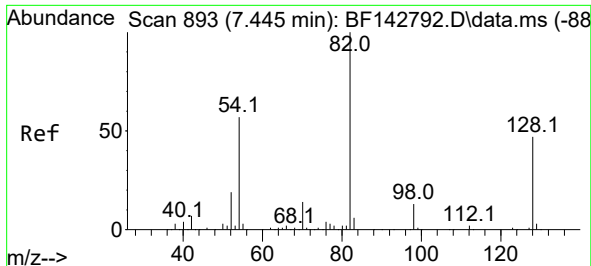
Tgt Ion: 99 Resp: 583362  
Ion Ratio Lower Upper  
99 100  
42 19.5 15.9 23.9  
71 36.0 27.8 41.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BF142992.D  
Acq: 03 Jul 2025 12:25

Tgt Ion: 136 Resp: 270236  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.4 12.6  
54 7.3 6.3 9.5  
68 4.3 3.7 5.5

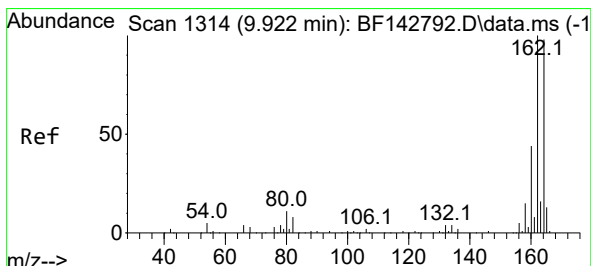
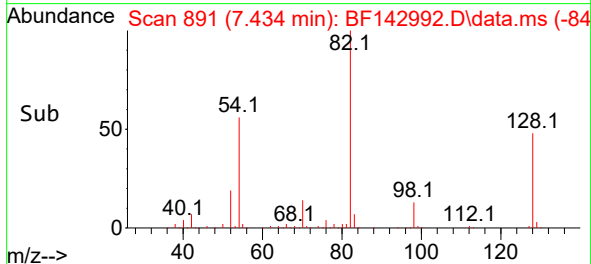
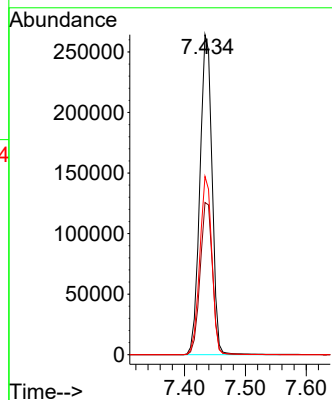
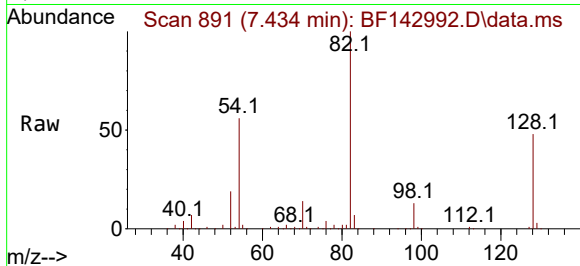




#23  
 Nitrobenzene-d5  
 Concen: 74.339 ng  
 RT: 7.434 min Scan# 891  
 Delta R.T. -0.011 min  
 Lab File: BF142992.D  
 Acq: 03 Jul 2025 12:25

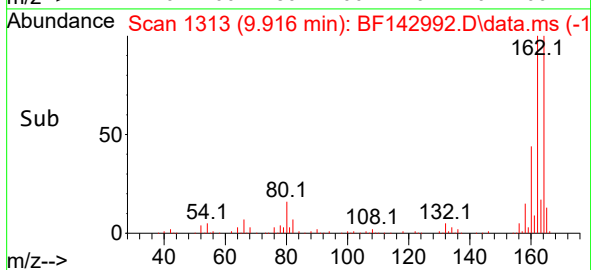
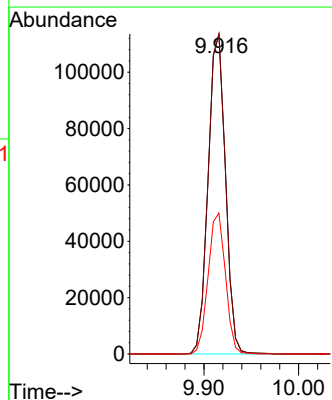
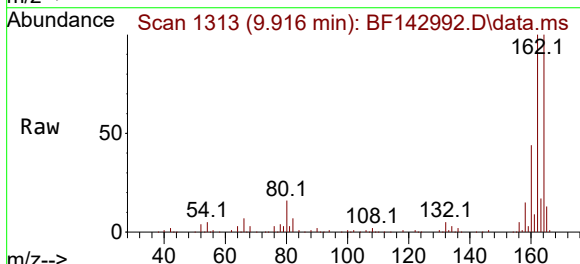
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168685BL

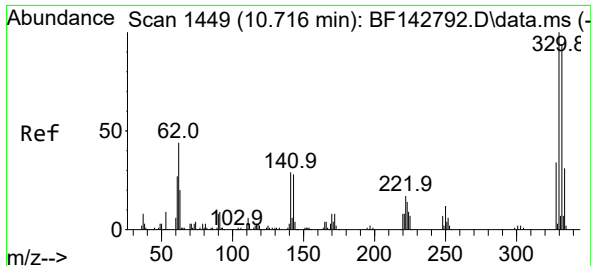
Tgt Ion: 82 Resp: 366248  
 Ion Ratio Lower Upper  
 82 100  
 128 47.6 37.7 56.5  
 54 55.7 45.7 68.5



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.916 min Scan# 1313  
 Delta R.T. -0.006 min  
 Lab File: BF142992.D  
 Acq: 03 Jul 2025 12:25

Tgt Ion:164 Resp: 144389  
 Ion Ratio Lower Upper  
 164 100  
 162 100.2 81.8 122.8  
 160 44.1 36.0 54.0

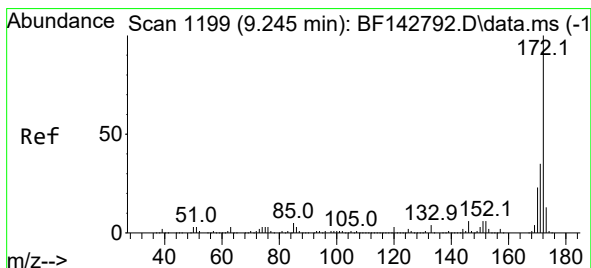
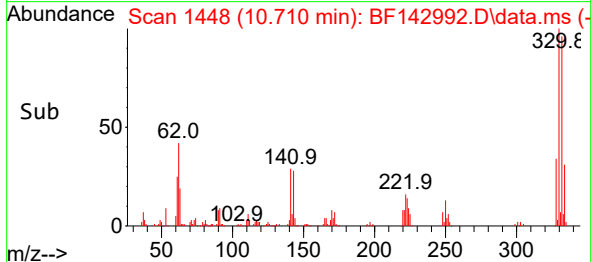
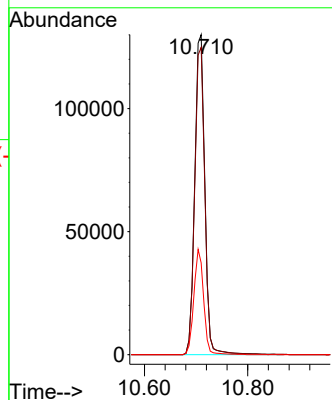
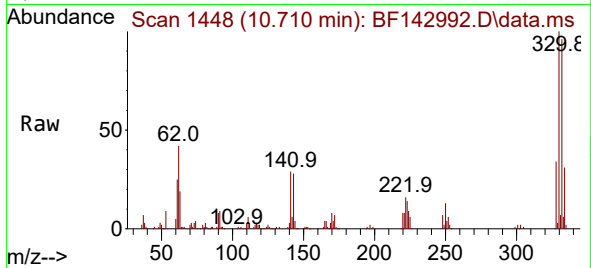




#42  
2,4,6-Tribromophenol  
Concen: 118.447 ng  
RT: 10.710 min Scan# 1449  
Delta R.T. -0.006 min  
Lab File: BF142992.D  
Acq: 03 Jul 2025 12:25

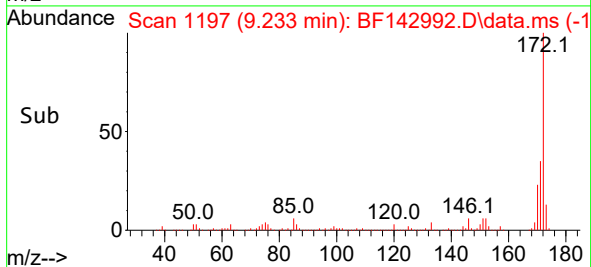
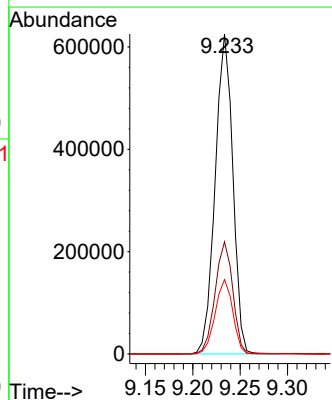
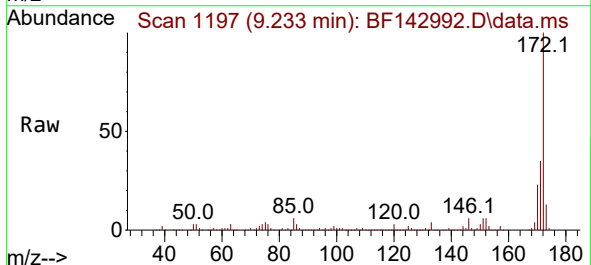
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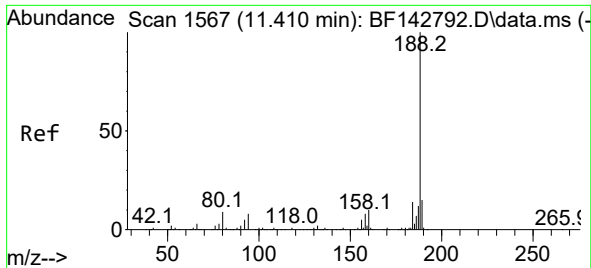
Tgt Ion:330 Resp: 175996  
Ion Ratio Lower Upper  
330 100  
332 96.5 75.0 112.6  
141 31.9 25.3 37.9



#45  
2-Fluorobiphenyl  
Concen: 73.751 ng  
RT: 9.233 min Scan# 1197  
Delta R.T. -0.012 min  
Lab File: BF142992.D  
Acq: 03 Jul 2025 12:25

Tgt Ion:172 Resp: 810614  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.4  
170 23.2 18.5 27.7

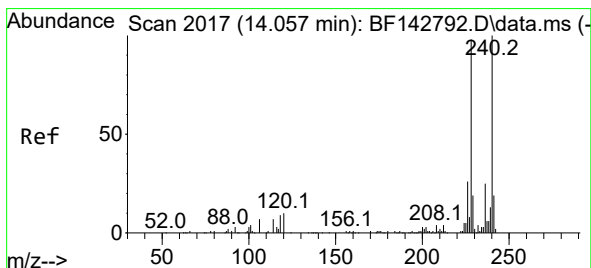
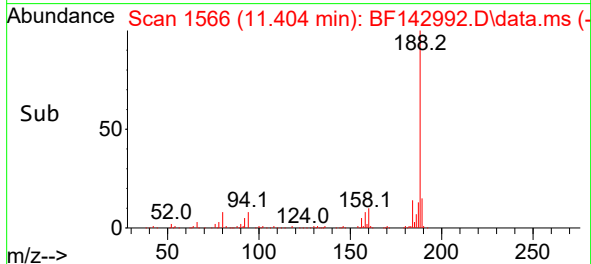
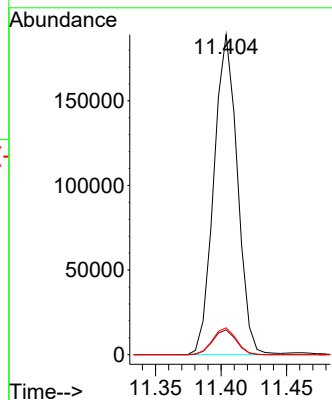
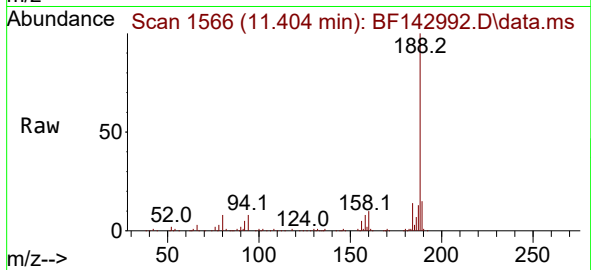




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF142992.D  
Acq: 03 Jul 2025 12:25

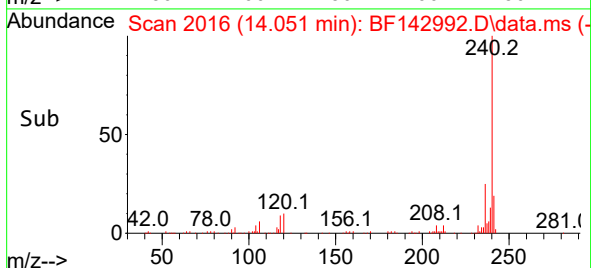
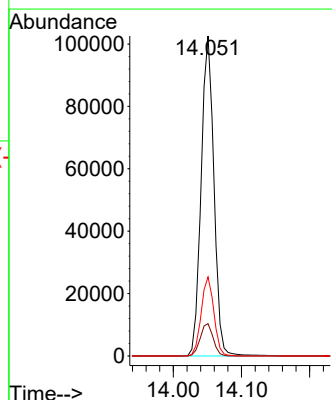
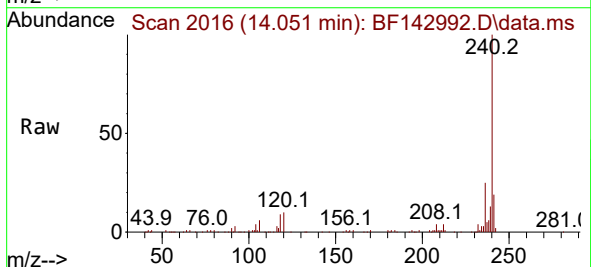
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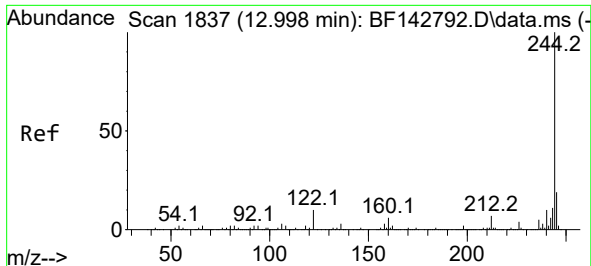
Tgt Ion:188 Resp: 235744  
Ion Ratio Lower Upper  
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94 7.7 6.7 10.1  
80 8.4 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: BF142992.D  
Acq: 03 Jul 2025 12:25

Tgt Ion:240 Resp: 133506  
Ion Ratio Lower Upper  
240 100  
120 10.1 8.2 12.2  
236 24.7 19.8 29.8

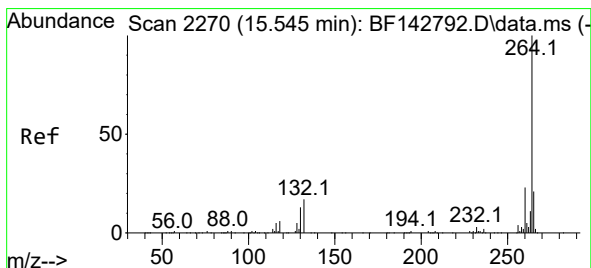
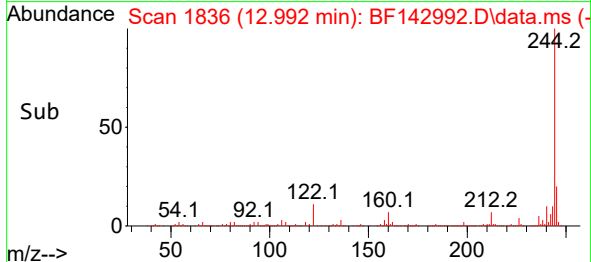
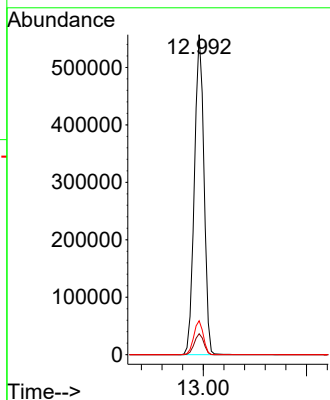
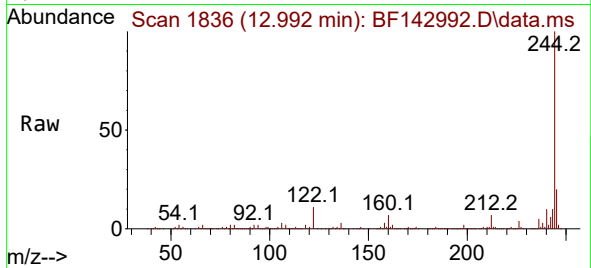




#79  
 Terphenyl-d14  
 Concen: 74.034 ng  
 RT: 12.992 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF142992.D  
 Acq: 03 Jul 2025 12:25

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168685BL

Tgt Ion:244 Resp: 715353  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 10.6 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 2270  
 Delta R.T. 0.000 min  
 Lab File: BF142992.D  
 Acq: 03 Jul 2025 12:25

Tgt Ion:264 Resp: 152353  
 Ion Ratio Lower Upper  
 264 100  
 260 22.2 18.1 27.1  
 265 21.7 16.6 25.0

