

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030625\  
 Data File : BF141859.D  
 Acq On : 06 Mar 2025 10:22  
 Operator : RC/JU  
 Sample : PB166984BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166984BL

Quant Time: Mar 06 10:55:50 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 28 01:48:16 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 218862   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 871720   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.916  | 164  | 477596   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 848035   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 691946   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.510 | 264  | 552165   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 1730529  | 126.273 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 2123556  | 119.048 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1433035  | 105.079 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 746687   | 166.531 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 2725247  | 91.496  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 3529158  | 82.519  | ng    | 0.00     |

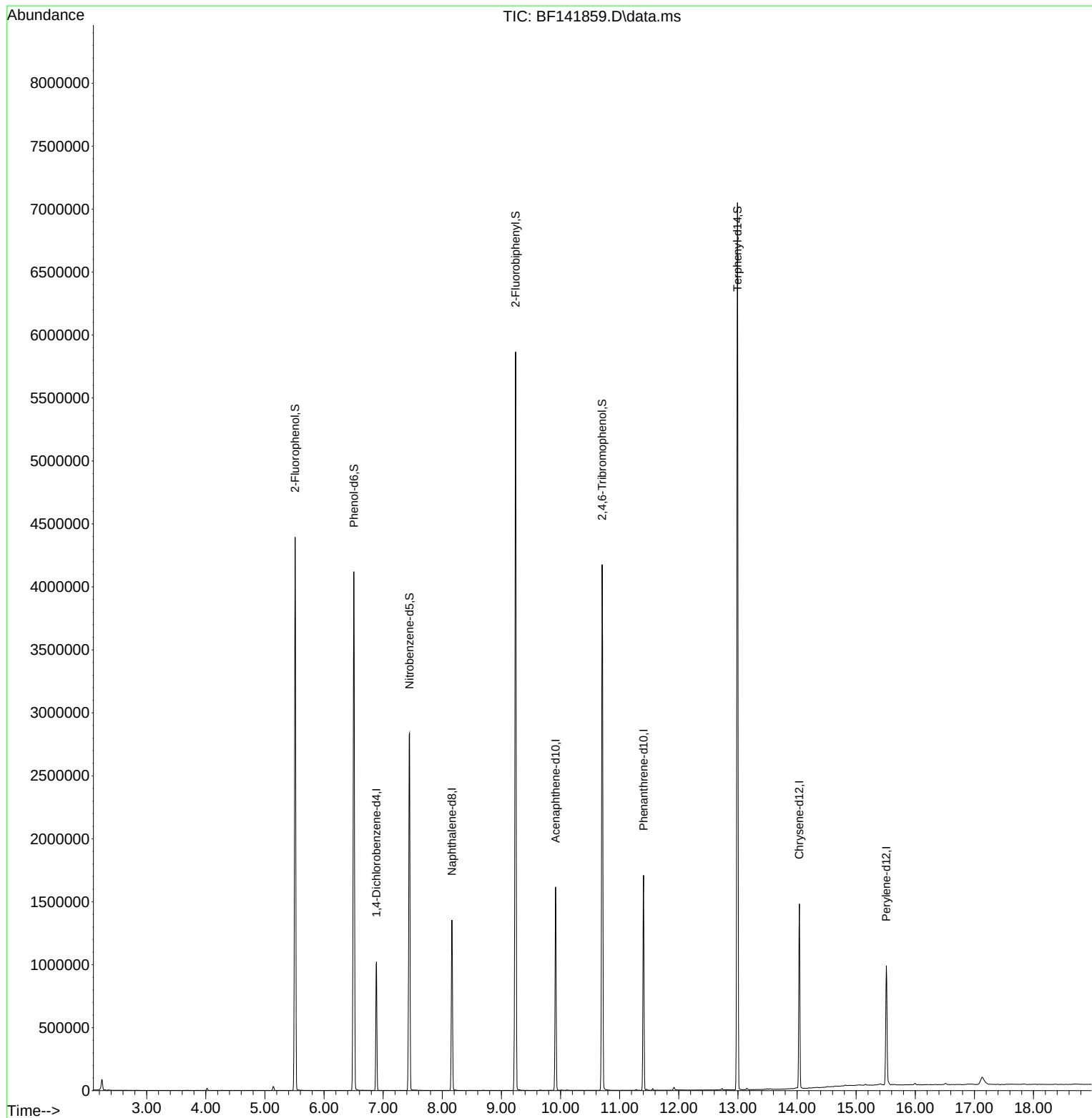
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

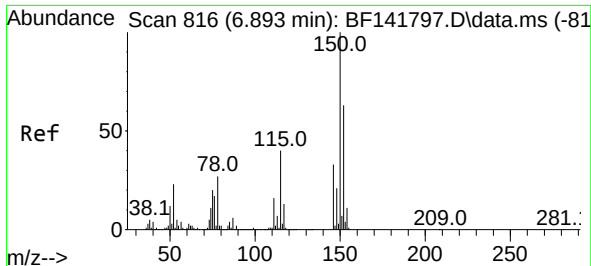
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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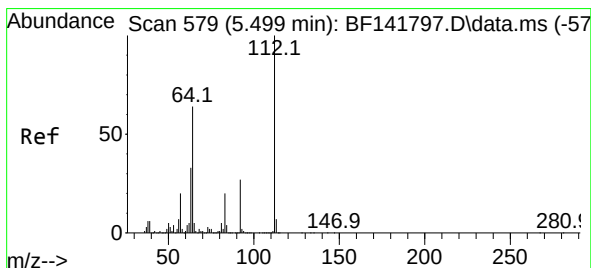
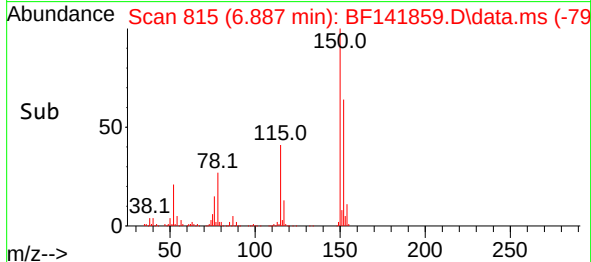
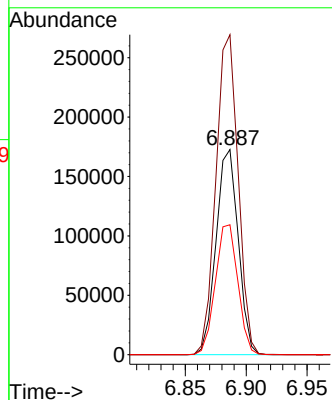
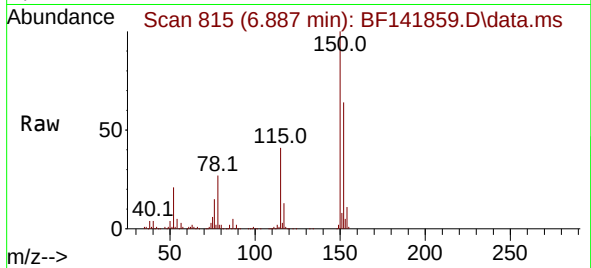




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.887 min Scan# 816  
 Delta R.T. -0.006 min  
 Lab File: BF141859.D  
 Acq: 06 Mar 2025 10:22

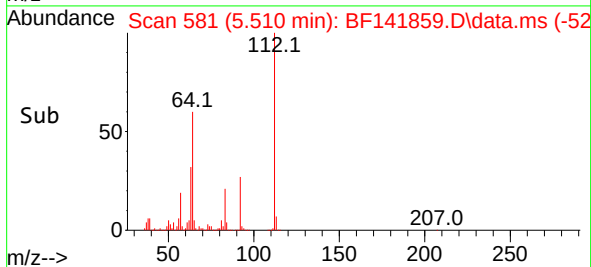
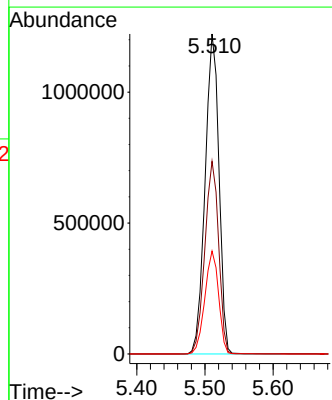
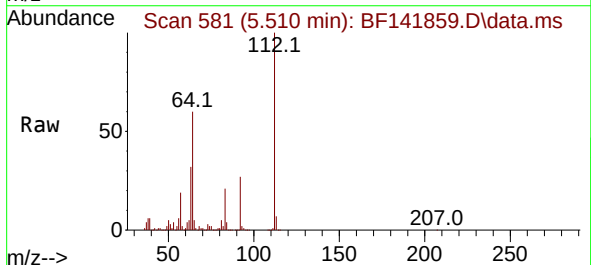
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166984BL

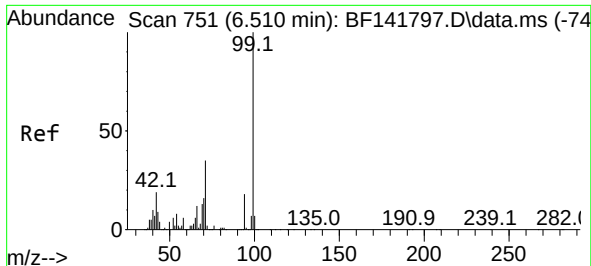
Tgt Ion:152 Resp: 218862  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 127.5 191.3  
 115 63.3 51.4 77.2



#5  
 2-Fluorophenol  
 Concen: 126.273 ng  
 RT: 5.510 min Scan# 581  
 Delta R.T. 0.012 min  
 Lab File: BF141859.D  
 Acq: 06 Mar 2025 10:22

Tgt Ion:112 Resp: 1730529  
 Ion Ratio Lower Upper  
 112 100  
 64 60.2 51.3 76.9  
 63 32.2 26.2 39.4

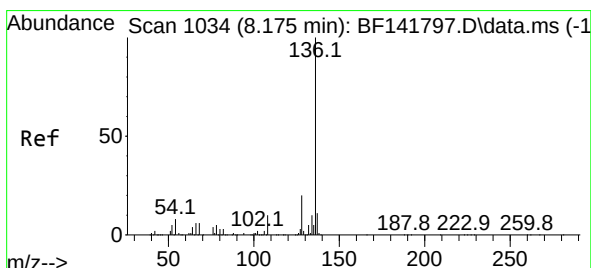
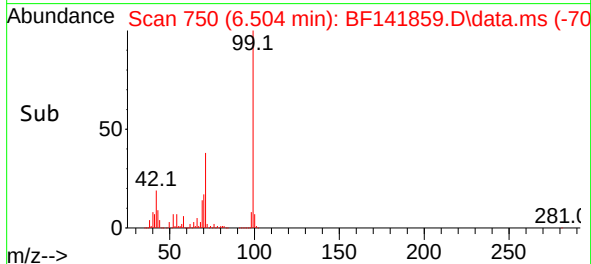
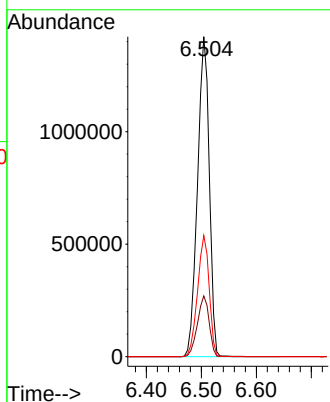
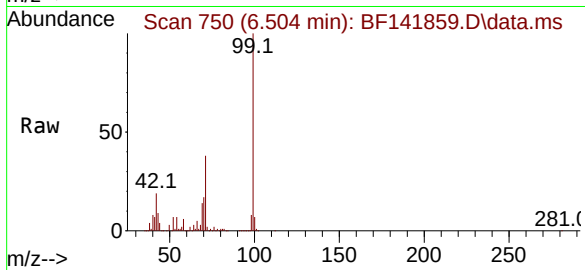




#7  
Phenol-d6  
Concen: 119.048 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141859.D  
Acq: 06 Mar 2025 10:22

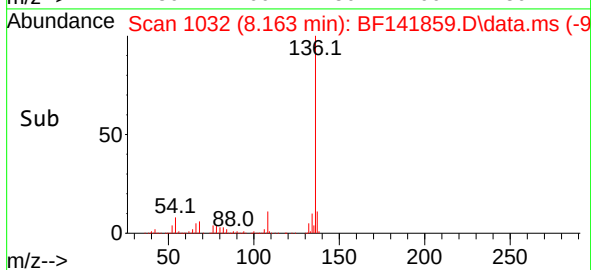
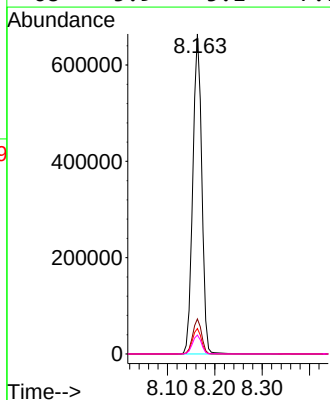
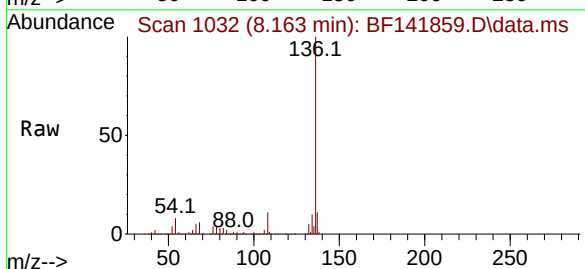
Instrument :  
BNA\_F  
ClientSampleId :  
PB166984BL

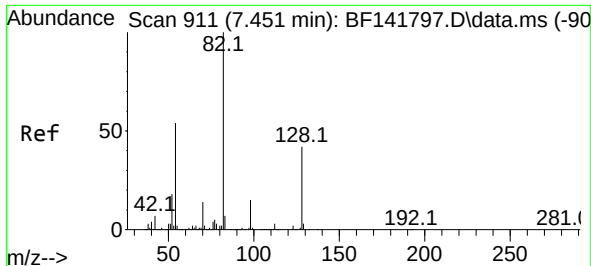
Tgt Ion: 99 Resp: 2123556  
Ion Ratio Lower Upper  
99 100  
42 19.0 15.2 22.8  
71 37.8 28.2 42.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF141859.D  
Acq: 06 Mar 2025 10:22

Tgt Ion:136 Resp: 871720  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 7.9 6.9 10.3  
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 105.079 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

Instrument :

BNA\_F

ClientSampleId :

PB166984BL

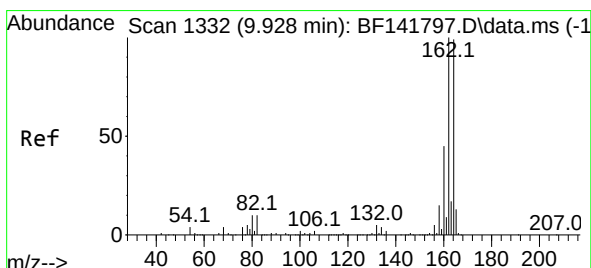
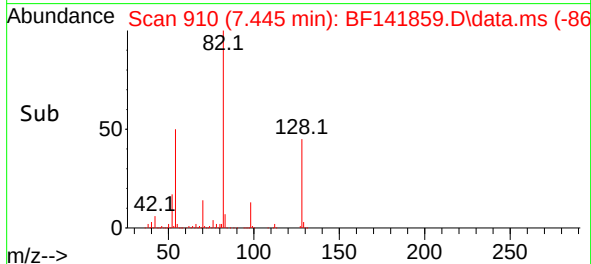
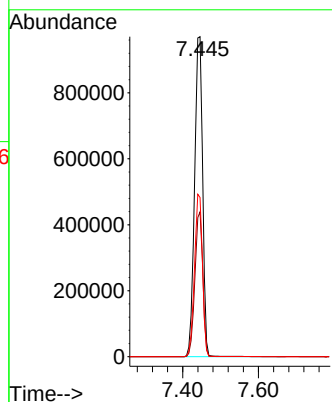
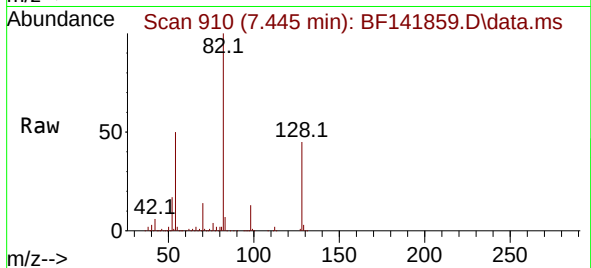
Tgt Ion: 82 Resp: 1433035

Ion Ratio Lower Upper

82 100

128 45.3 33.5 50.3

54 49.8 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

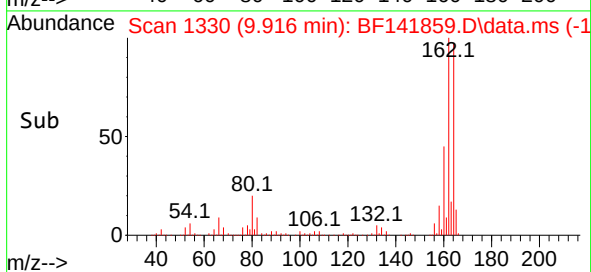
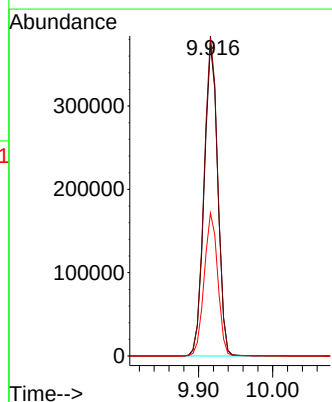
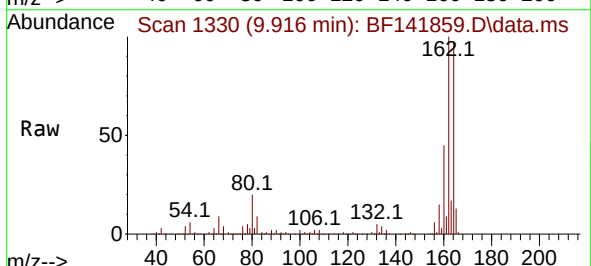
Tgt Ion: 164 Resp: 477596

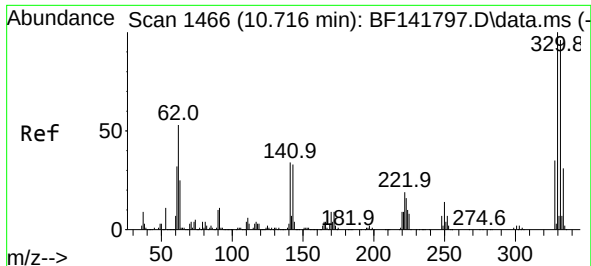
Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

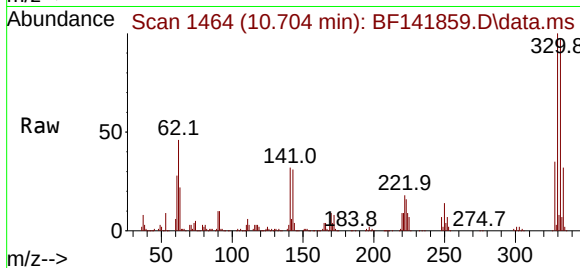
160 45.8 36.3 54.5



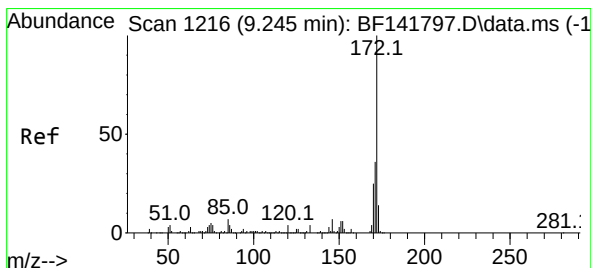
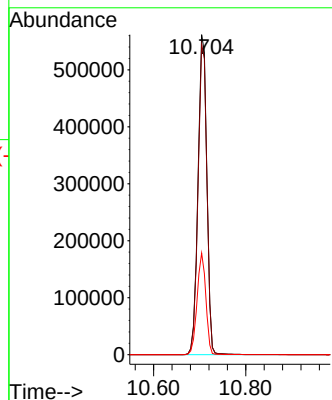
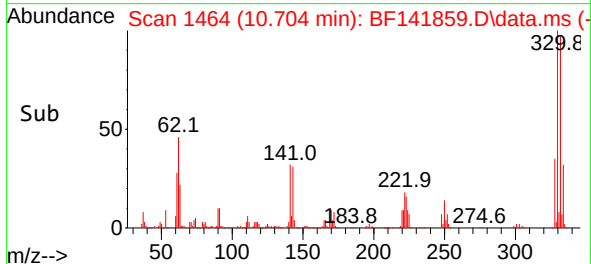


#42  
 2,4,6-Tribromophenol  
 Concen: 166.531 ng  
 RT: 10.704 min Scan# 1466  
 Delta R.T. -0.012 min  
 Lab File: BF141859.D  
 Acq: 06 Mar 2025 10:22

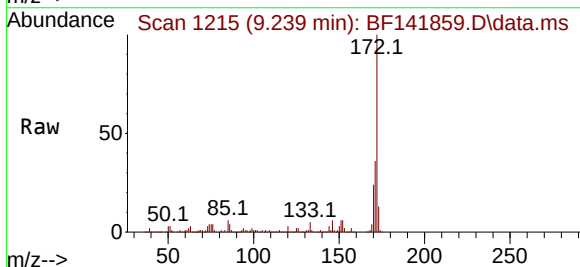
Instrument :  
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 ClientSampleId :  
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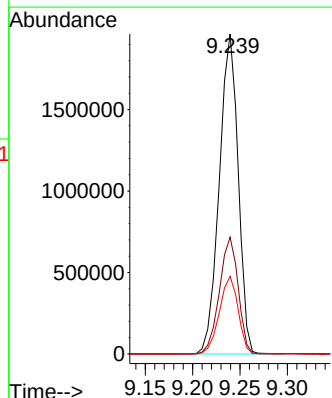
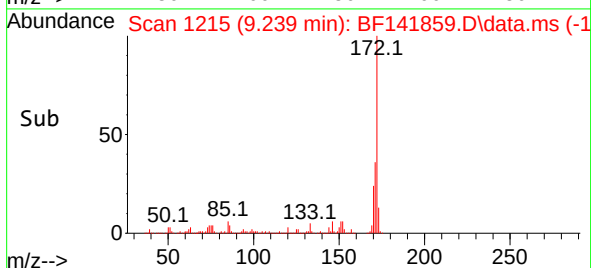
Tgt Ion:330 Resp: 746687  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 76.6 115.0  
 141 31.4 29.0 43.4

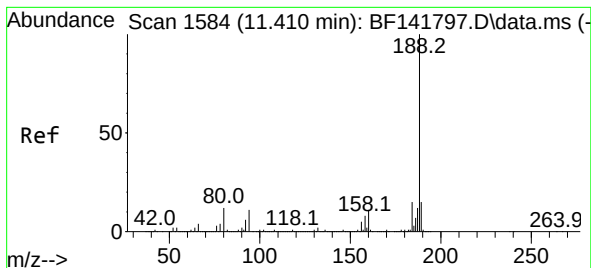


#45  
 2-Fluorobiphenyl  
 Concen: 91.496 ng  
 RT: 9.239 min Scan# 1215  
 Delta R.T. -0.006 min  
 Lab File: BF141859.D  
 Acq: 06 Mar 2025 10:22



Tgt Ion:172 Resp: 2725247  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 29.2 43.8  
 170 24.2 19.7 29.5

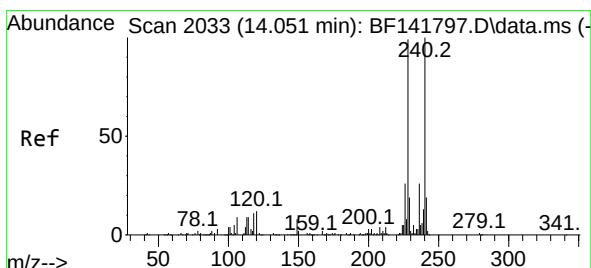
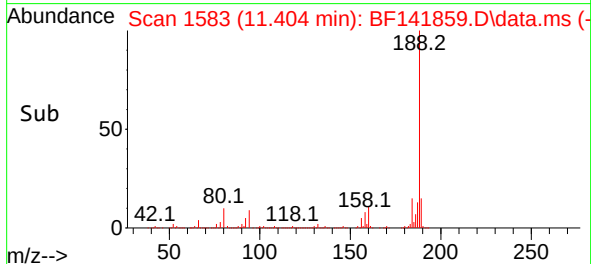
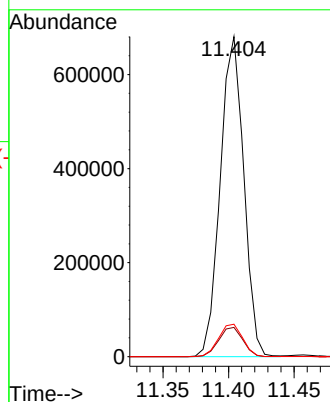
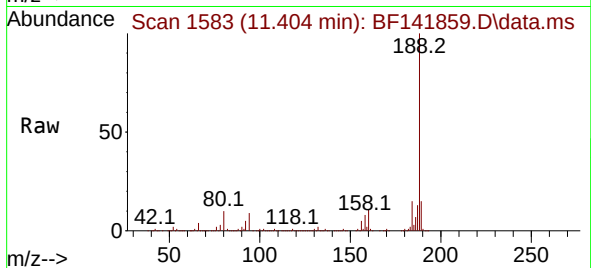




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141859.D  
Acq: 06 Mar 2025 10:22

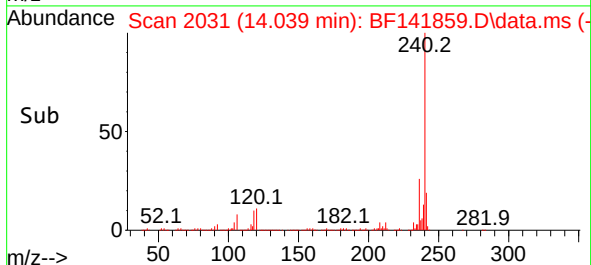
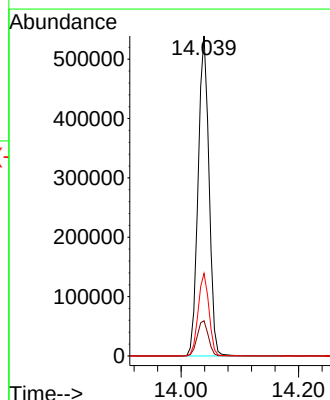
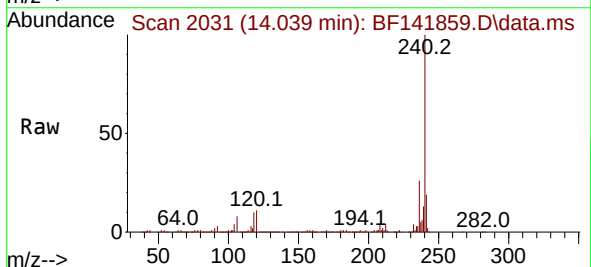
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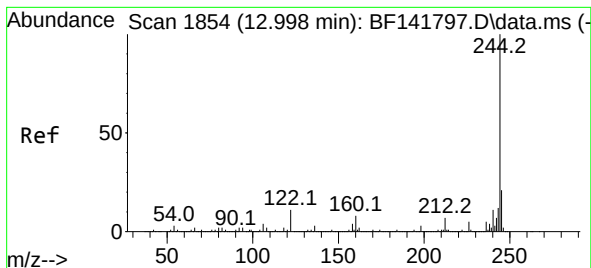
Tgt Ion:188 Resp: 848035  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.9 13.3  
80 10.1 9.7 14.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. -0.012 min  
Lab File: BF141859.D  
Acq: 06 Mar 2025 10:22

Tgt Ion:240 Resp: 691946  
Ion Ratio Lower Upper  
240 100  
120 11.0 9.7 14.5  
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 82.519 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

Instrument :

BNA\_F

ClientSampleId :

PB166984BL

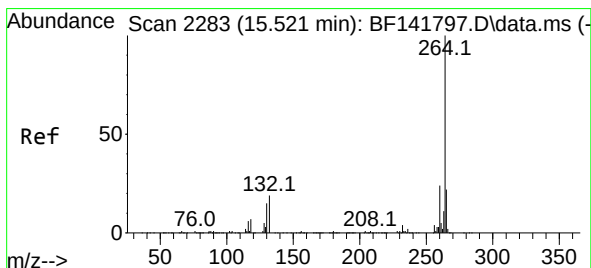
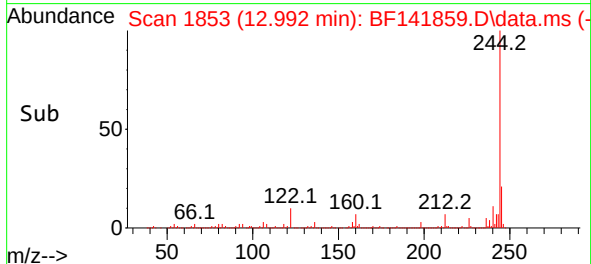
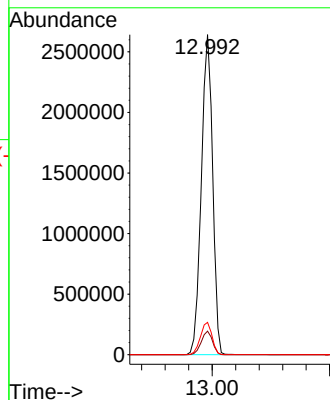
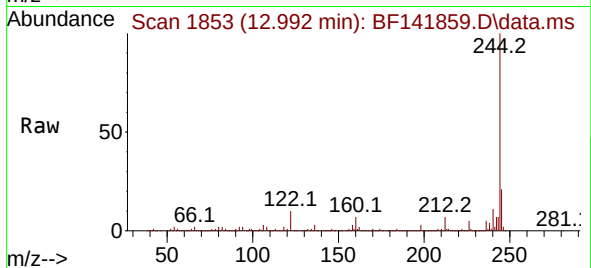
Tgt Ion:244 Resp: 3529158

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.1 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

Tgt Ion:264 Resp: 552165

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0

