

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031725\  
 Data File : BF141974.D  
 Acq On : 17 Mar 2025 10:09  
 Operator : RC/JU  
 Sample : PB167138BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB167138BL

Quant Time: Mar 17 11:43:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 15:46:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 137422   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 538895   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 297763   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 521925   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 385537   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.510 | 264  | 340390   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 1096281  | 133.141 | ng    | 0.01     |
| 7) Phenol-d6                | 6.498  | 99   | 1330387  | 126.901 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 876605   | 91.542  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 551283   | 145.938 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 1841977  | 94.078  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 2336269  | 89.591  | ng    | 0.00     |

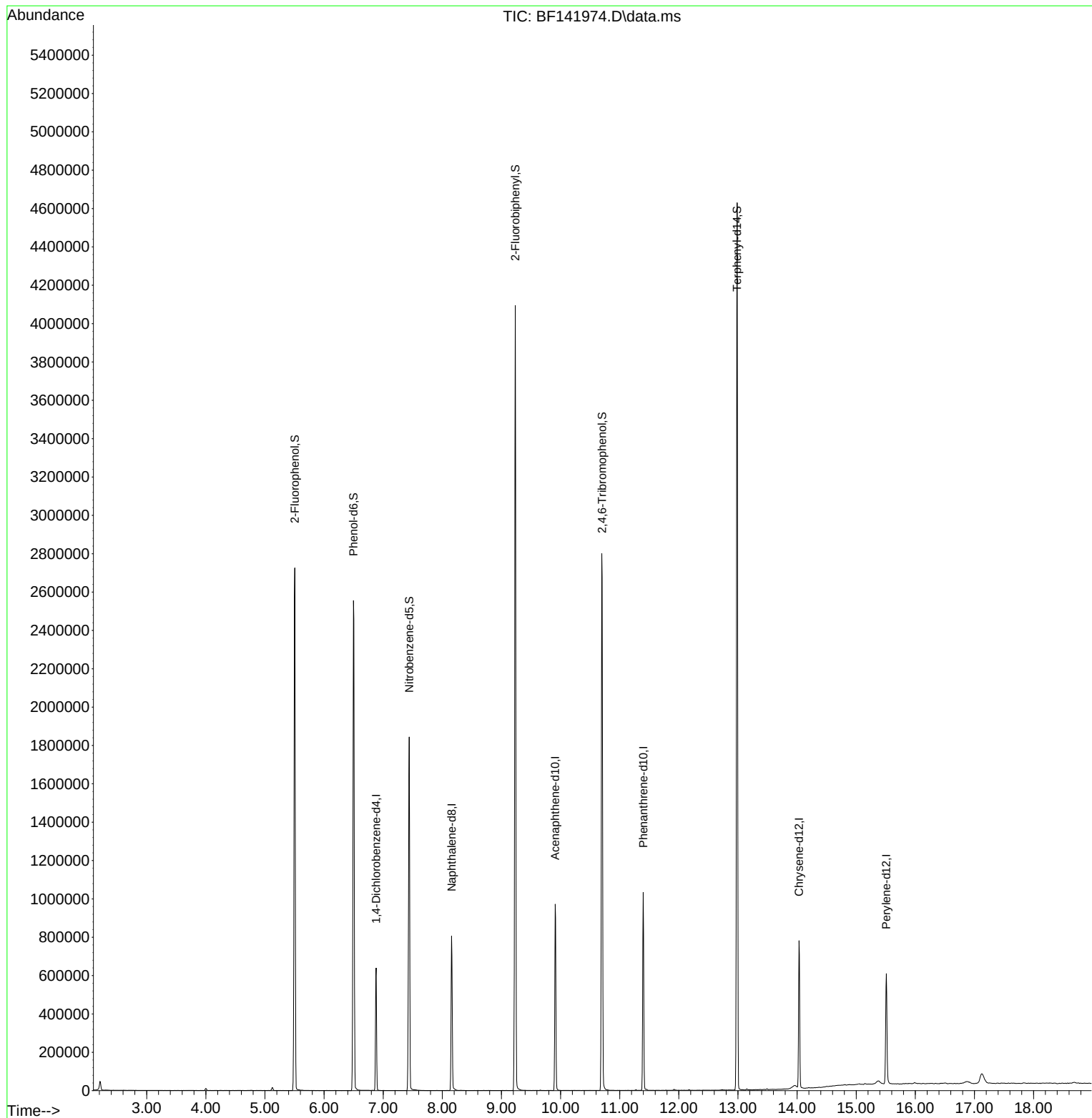
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

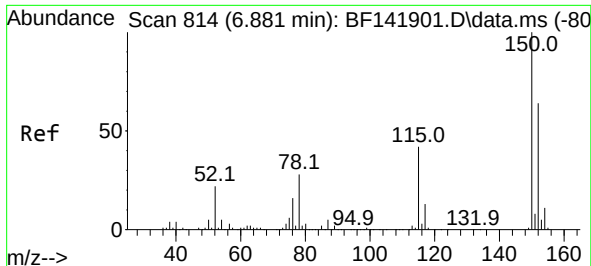
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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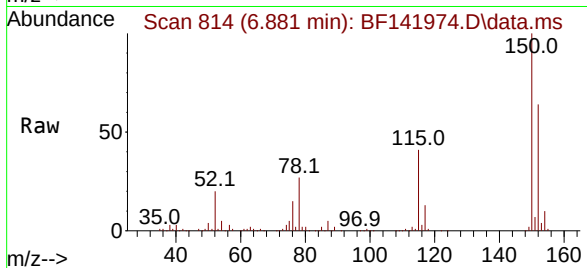
Quant Time: Mar 17 11:43:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration



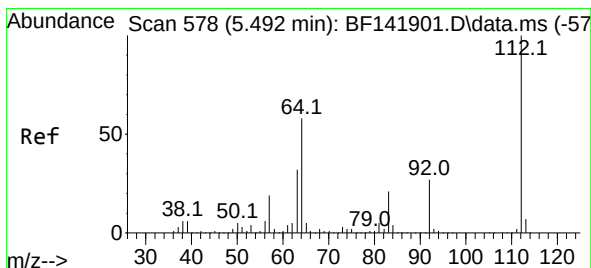
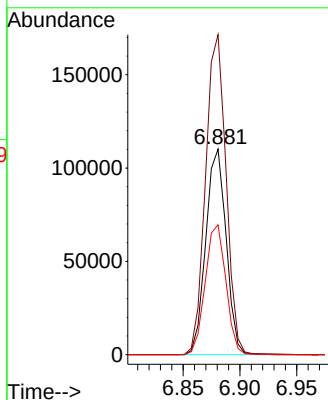
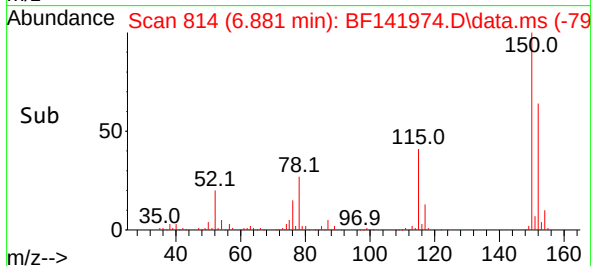


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF141974.D  
Acq: 17 Mar 2025 10:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB167138BL

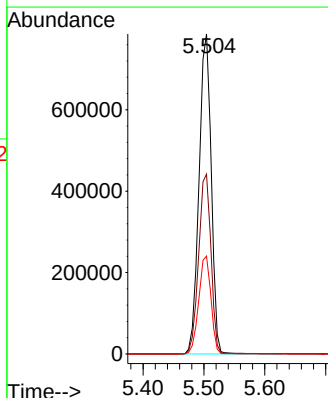
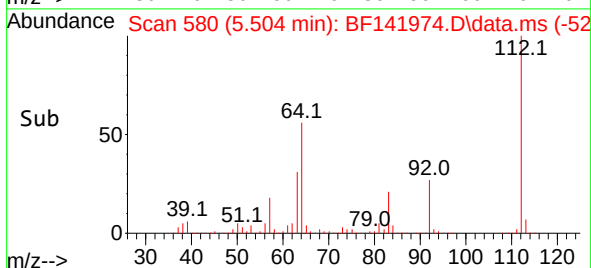
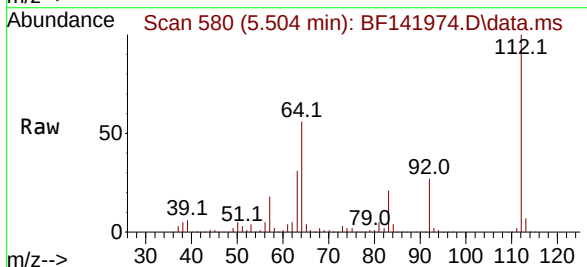


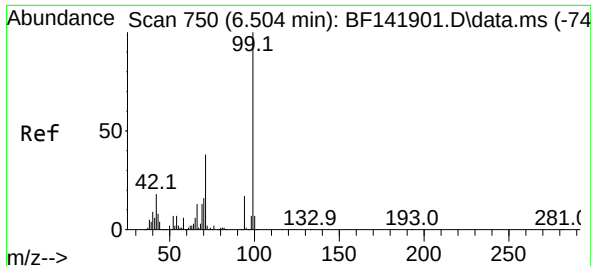
Tgt Ion:152 Resp: 137422  
Ion Ratio Lower Upper  
152 100  
150 155.7 127.4 191.2  
115 63.2 51.9 77.9



#5  
2-Fluorophenol  
Concen: 133.141 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF141974.D  
Acq: 17 Mar 2025 10:09

Tgt Ion:112 Resp: 1096281  
Ion Ratio Lower Upper  
112 100  
64 56.2 46.5 69.7  
63 30.6 25.4 38.2

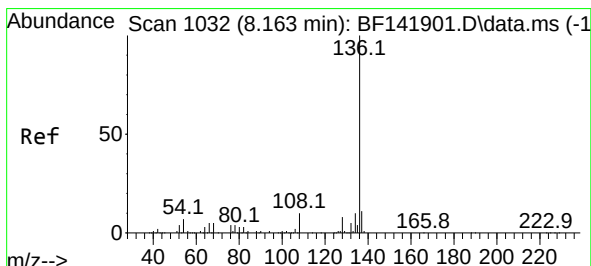
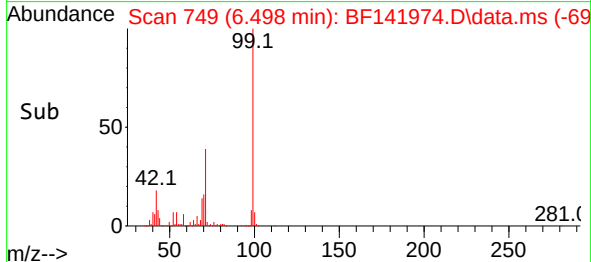
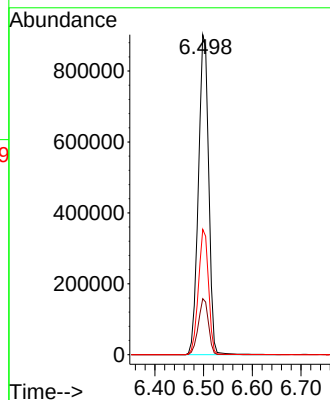
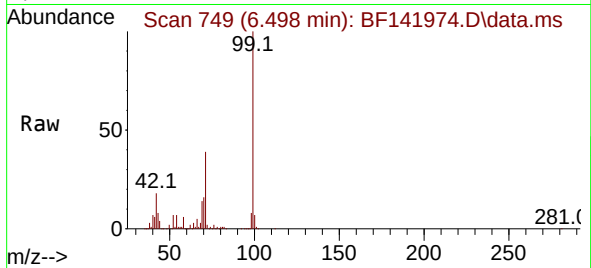




#7  
Phenol-d6  
Concen: 126.901 ng  
RT: 6.498 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF141974.D  
Acq: 17 Mar 2025 10:09

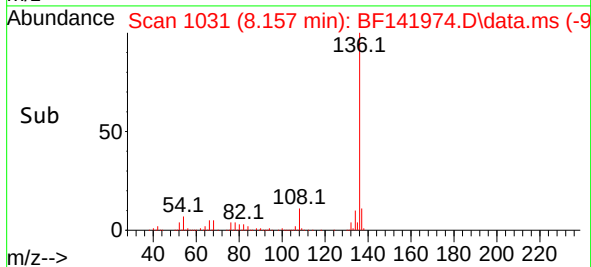
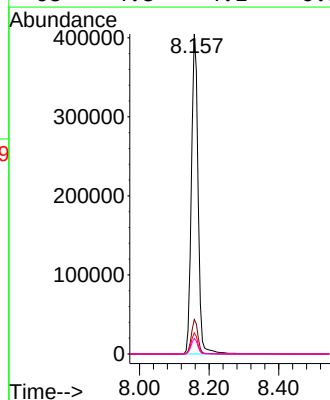
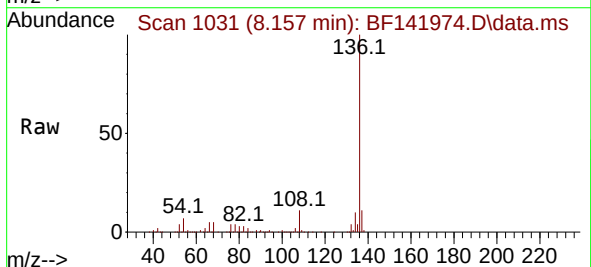
Instrument :  
BNA\_F  
ClientSampleId :  
PB167138BL

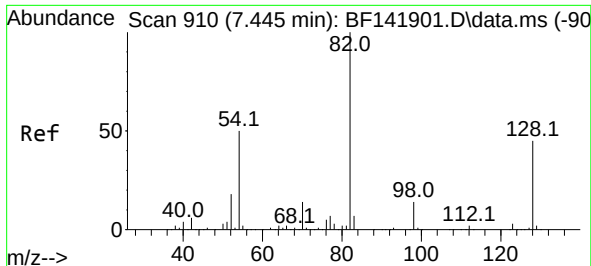
Tgt Ion: 99 Resp: 1330387  
Ion Ratio Lower Upper  
99 100  
42 17.5 14.6 21.8  
71 39.1 30.8 46.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF141974.D  
Acq: 17 Mar 2025 10:09

Tgt Ion:136 Resp: 538895  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 6.6 5.8 8.8  
68 4.8 4.1 6.1

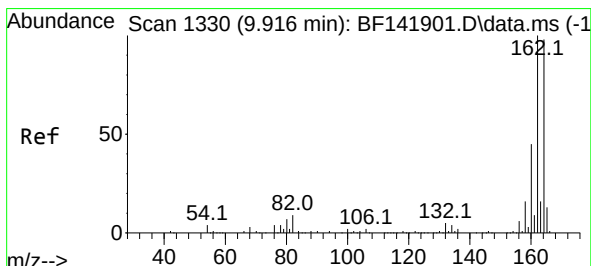
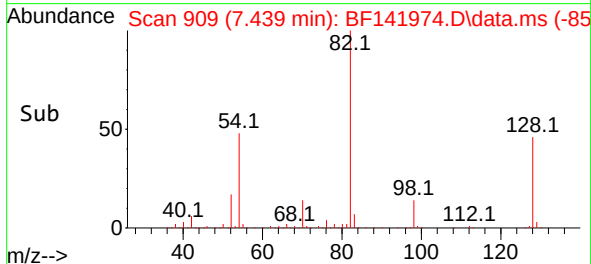
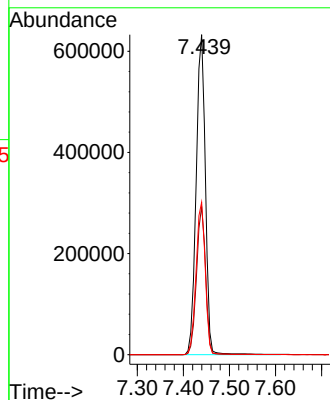
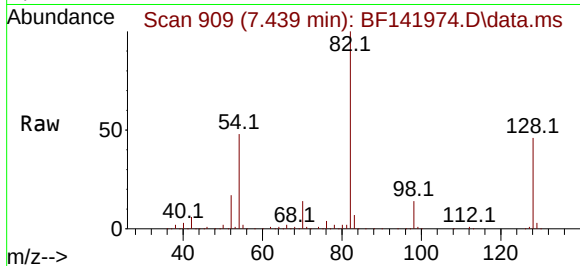




#23  
 Nitrobenzene-d5  
 Concen: 91.542 ng  
 RT: 7.439 min Scan# 90  
 Delta R.T. -0.006 min  
 Lab File: BF141974.D  
 Acq: 17 Mar 2025 10:09

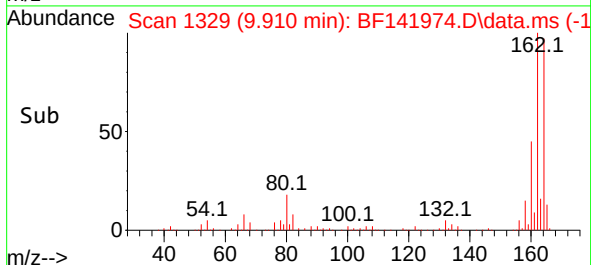
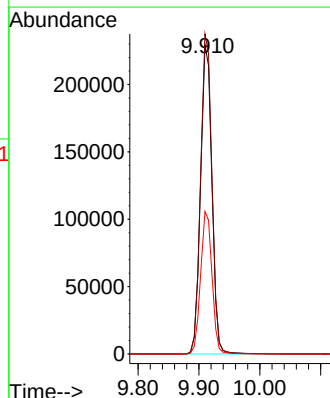
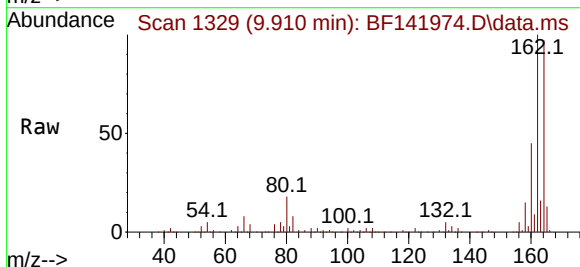
Instrument :  
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 ClientSampleId :  
 PB167138BL

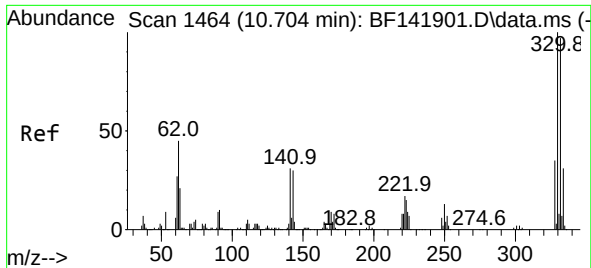
Tgt Ion: 82 Resp: 876605  
 Ion Ratio Lower Upper  
 82 100  
 128 46.3 36.0 54.0  
 54 47.7 39.6 59.4



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.910 min Scan# 1329  
 Delta R.T. -0.006 min  
 Lab File: BF141974.D  
 Acq: 17 Mar 2025 10:09

Tgt Ion:164 Resp: 297763  
 Ion Ratio Lower Upper  
 164 100  
 162 103.5 81.8 122.6  
 160 46.1 36.7 55.1

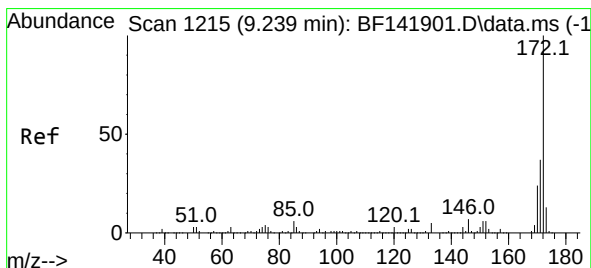
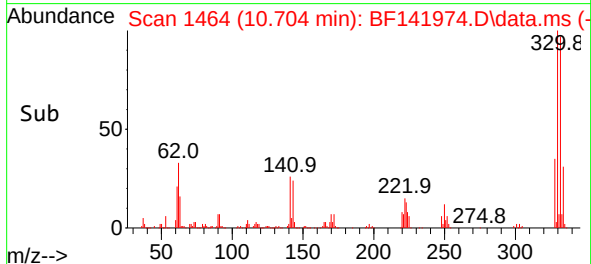
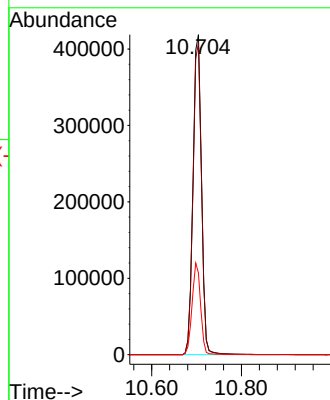
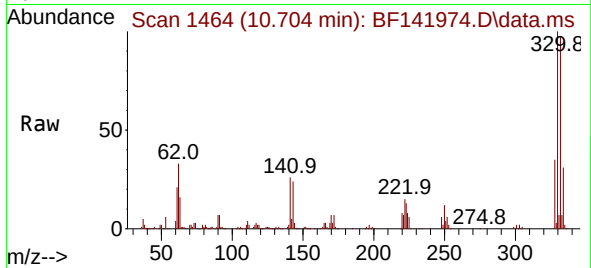




#42  
2,4,6-Tribromophenol  
Concen: 145.938 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF141974.D  
Acq: 17 Mar 2025 10:09

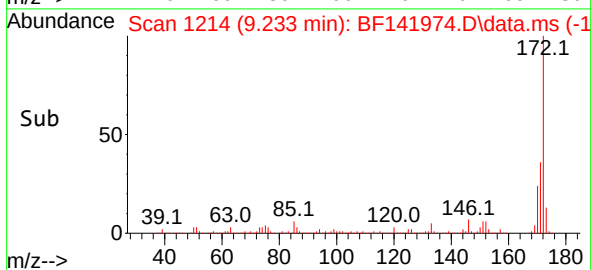
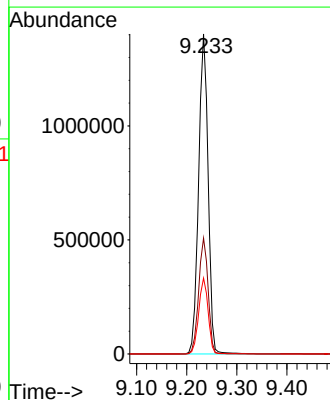
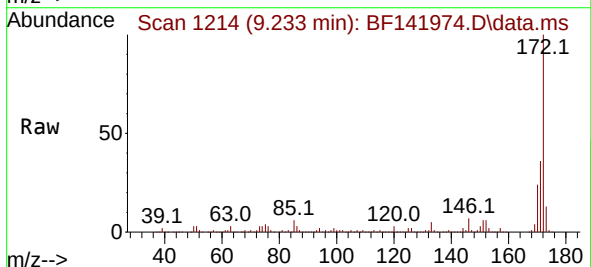
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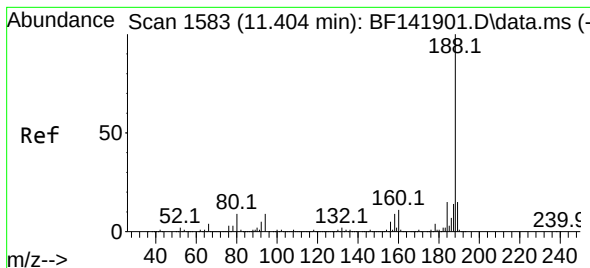
Tgt Ion: 330 Resp: 551283  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.6 116.4  
141 28.6 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 94.078 ng  
RT: 9.233 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF141974.D  
Acq: 17 Mar 2025 10:09

Tgt Ion: 172 Resp: 1841977  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.3 43.9  
170 23.7 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141974.D

Acq: 17 Mar 2025 10:09

Instrument :

BNA\_F

ClientSampleId :

PB167138BL

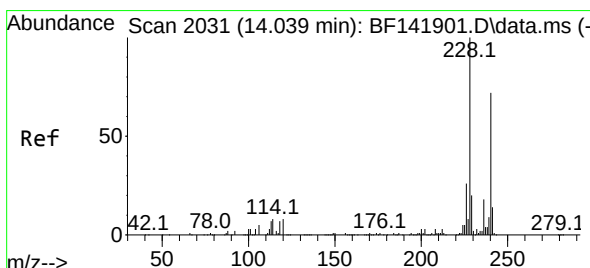
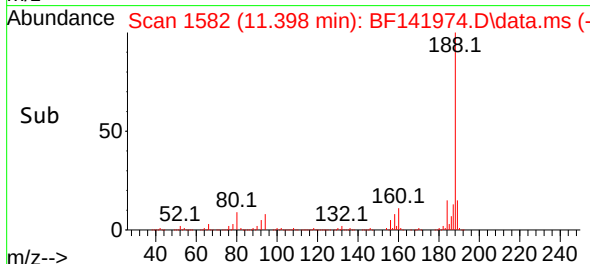
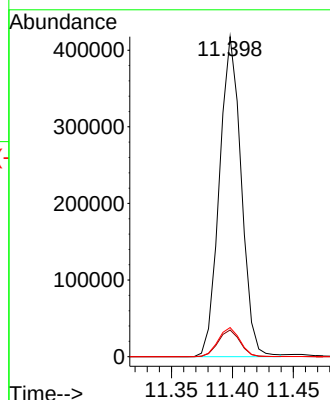
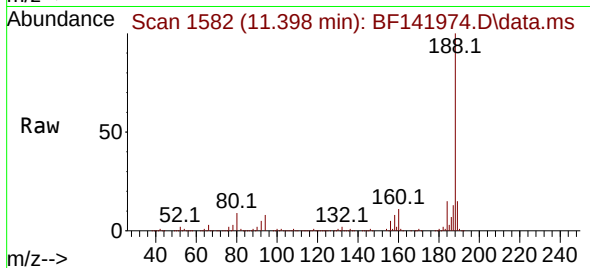
Tgt Ion:188 Resp: 521925

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 9.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF141974.D

Acq: 17 Mar 2025 10:09

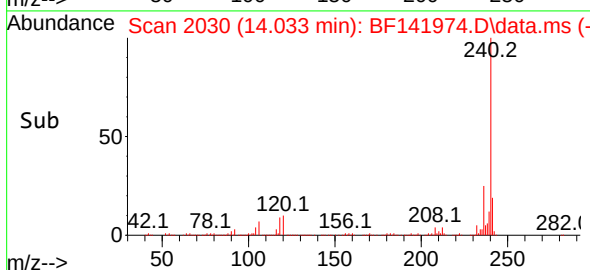
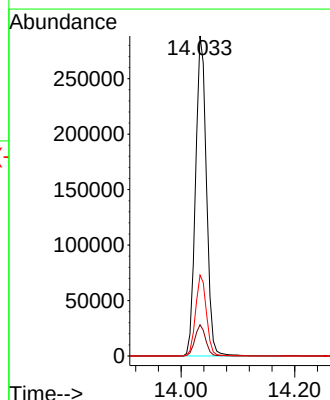
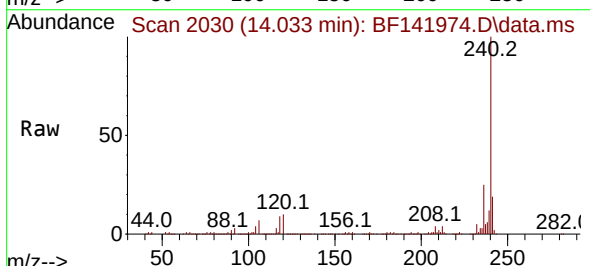
Tgt Ion:240 Resp: 385537

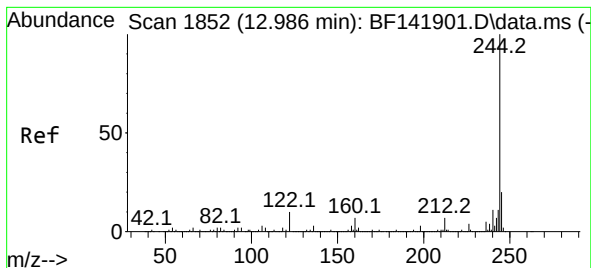
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 89.591 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141974.D

Acq: 17 Mar 2025 10:09

Instrument :

BNA\_F

ClientSampleId :

PB167138BL

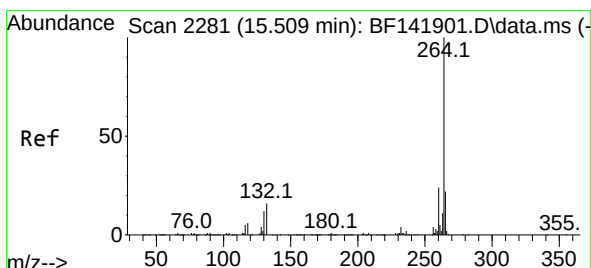
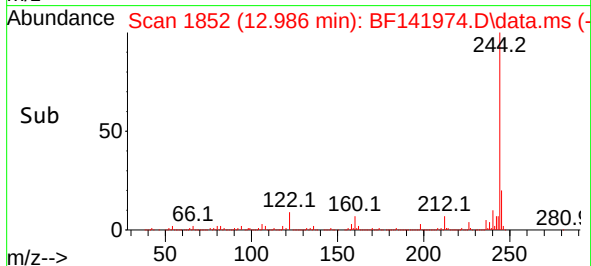
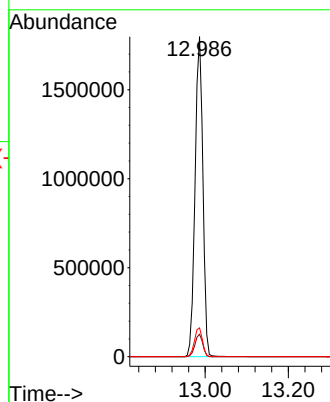
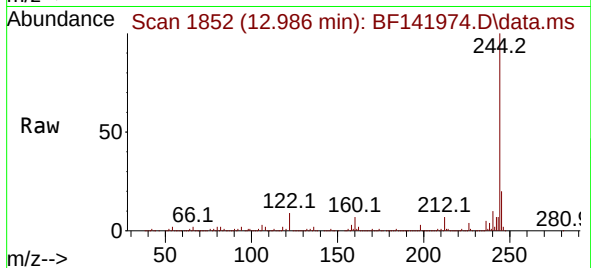
Tgt Ion:244 Resp: 2336269

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.0 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF141974.D

Acq: 17 Mar 2025 10:09

Tgt Ion:264 Resp: 340390

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.2 17.5 26.3

