

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031225\  
 Data File : BF141937.D  
 Acq On : 12 Mar 2025 14:26  
 Operator : RC/JU  
 Sample : Q1522-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TW-WTS-04

Quant Time: Mar 12 15:02:55 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  | 158297   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 621760   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 343931   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 590417   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 355669   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.509 | 264  | 352171   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.492  | 112  | 500135   | 52.730  | ng    | 0.00     |
| 7) Phenol-d6                | 6.492  | 99   | 382245   | 31.653  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 1020410  | 92.358  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 552332   | 126.588 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 2104841  | 93.073  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 2305935  | 95.854  | ng    | 0.00     |

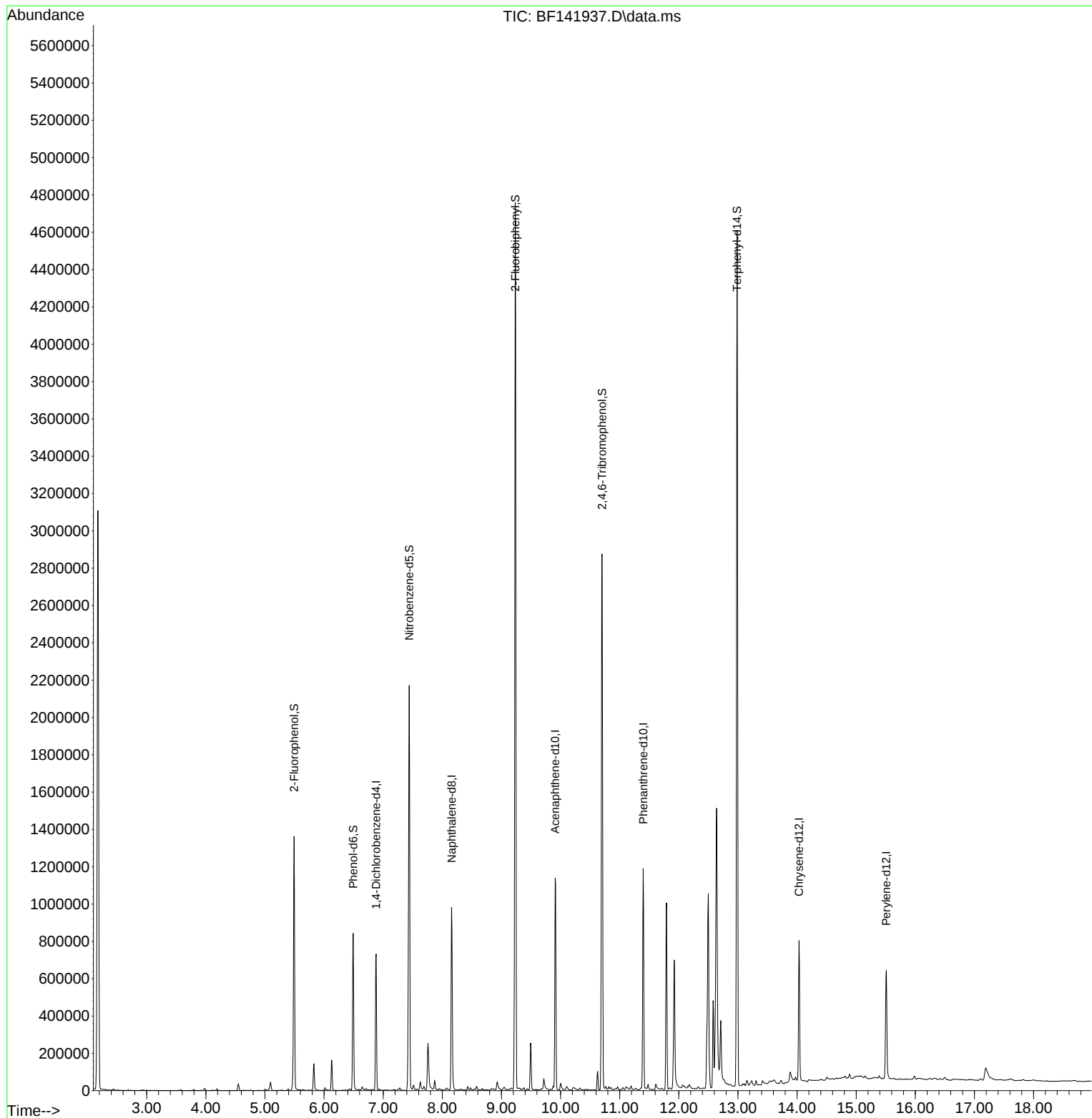
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

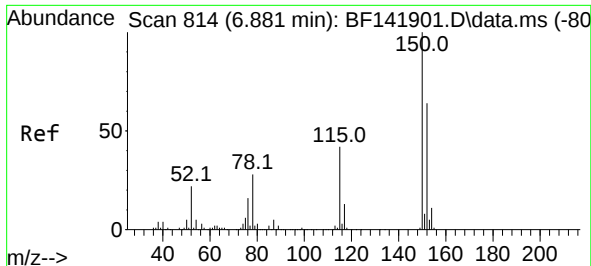
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

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QLast Update : Mon Mar 10 15:46:22 2025  
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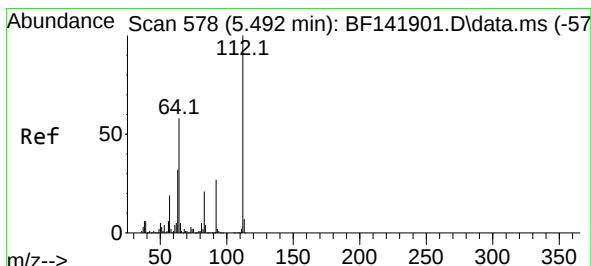
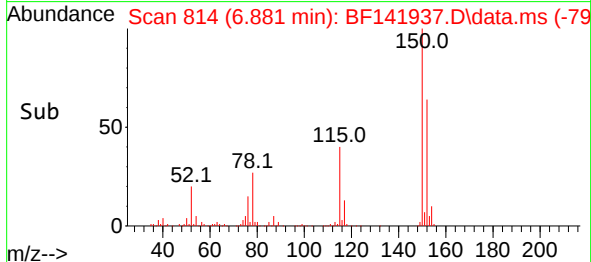
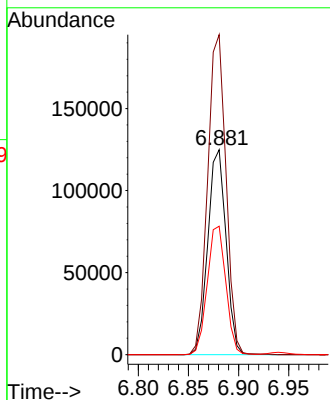
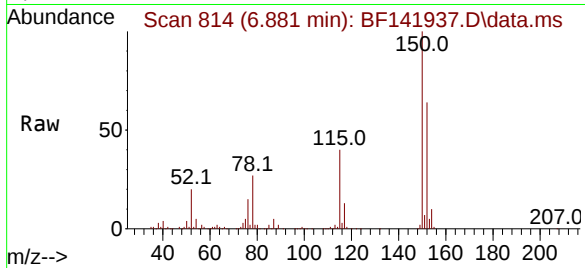




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

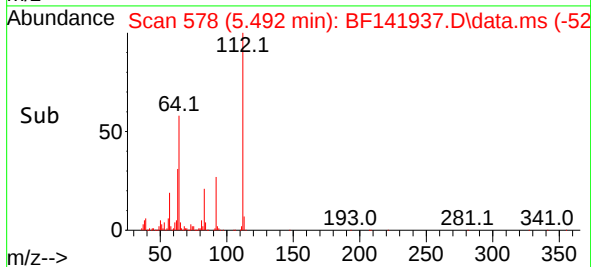
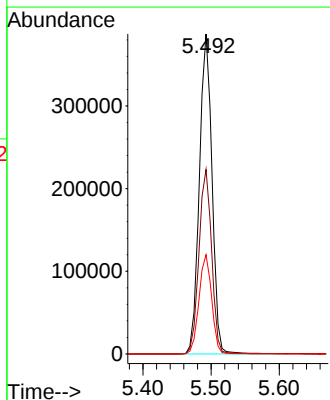
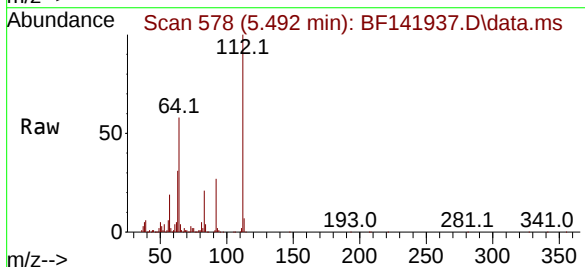
Instrument :  
BNA\_F  
ClientSampleId :  
TW-WTS-04

Tgt Ion:152 Resp: 158297  
Ion Ratio Lower Upper  
152 100  
150 156.2 127.4 191.2  
115 62.7 51.9 77.9



#5  
2-Fluorophenol  
Concen: 52.730 ng  
RT: 5.492 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

Tgt Ion:112 Resp: 500135  
Ion Ratio Lower Upper  
112 100  
64 57.7 46.5 69.7  
63 31.0 25.4 38.2

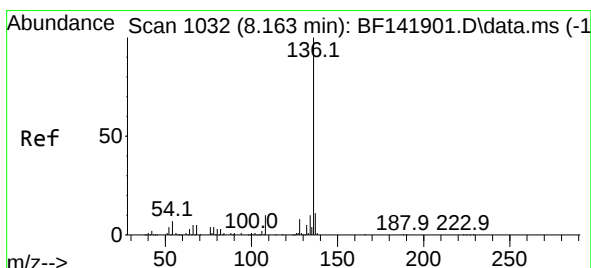
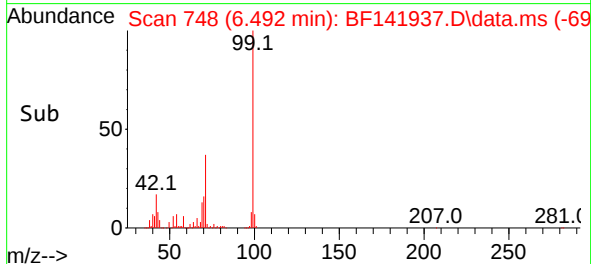
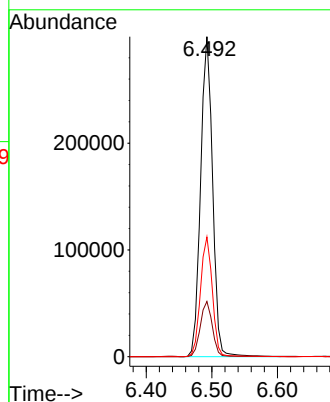
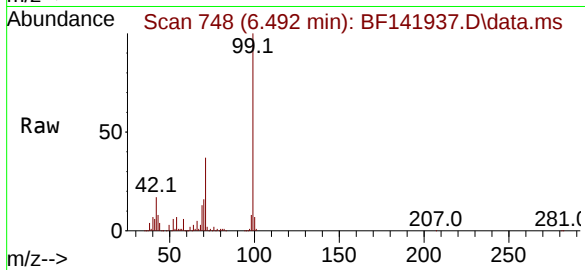




#7  
Phenol-d6  
Concen: 31.653 ng  
RT: 6.492 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

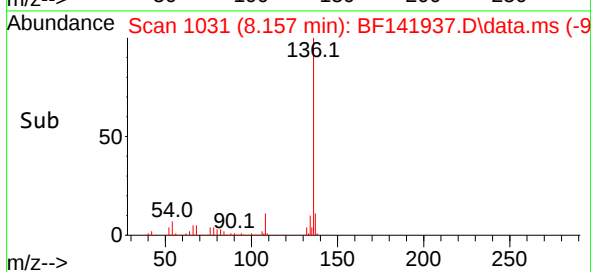
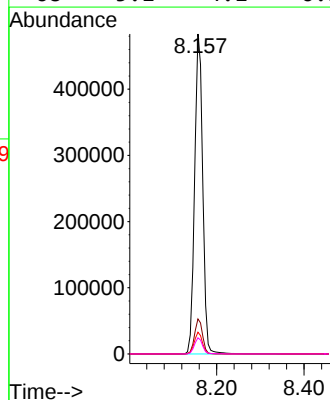
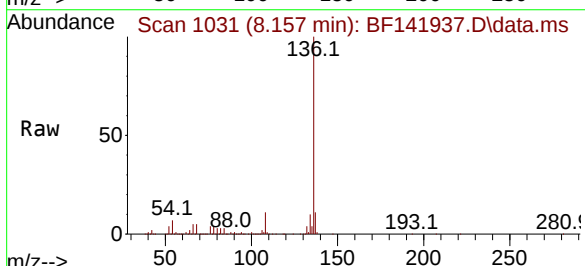
Instrument :  
BNA\_F  
ClientSampleId :  
TW-WTS-04

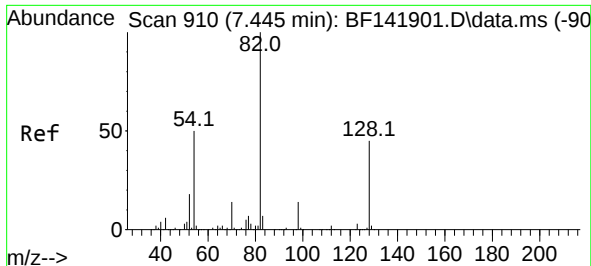
Tgt Ion: 99 Resp: 382245  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.6 21.8  
71 37.4 30.8 46.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

Tgt Ion:136 Resp: 621760  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 6.8 5.8 8.8  
68 5.1 4.1 6.1





#23

Nitrobenzene-d5

Concen: 92.358 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141937.D

Acq: 12 Mar 2025 14:26

Instrument :

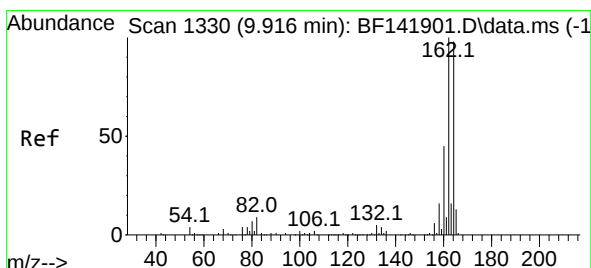
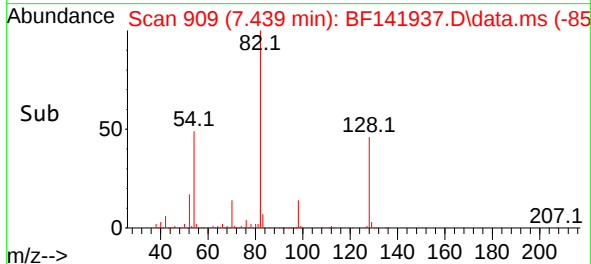
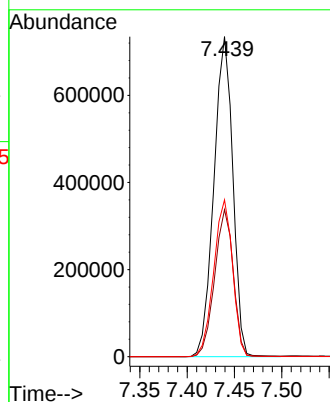
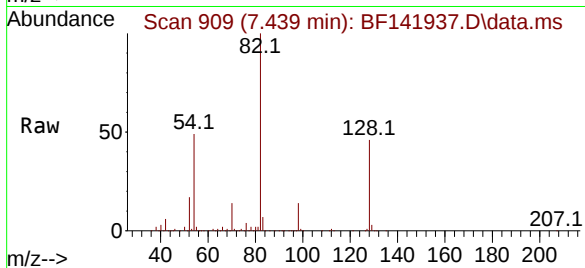
BNA\_F

ClientSampleId :

TW-WTS-04

Tgt Ion: 82 Resp: 1020410

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.0  | 36.0  | 54.0  |
| 54  | 49.0  | 39.6  | 59.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

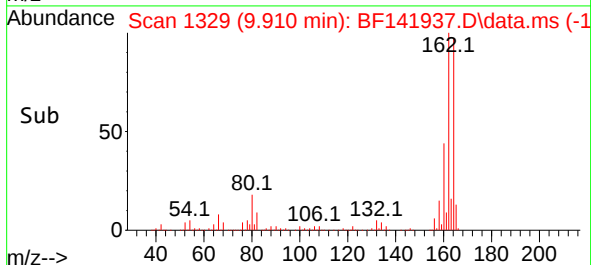
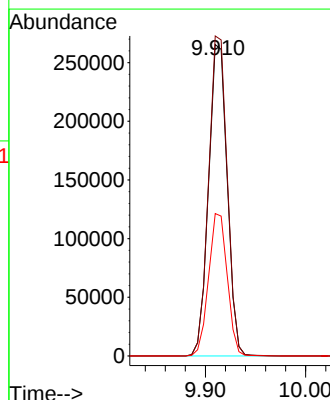
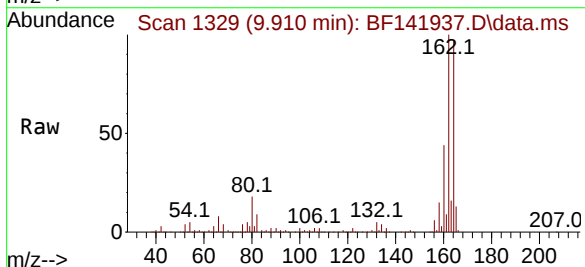
Delta R.T. -0.006 min

Lab File: BF141937.D

Acq: 12 Mar 2025 14:26

Tgt Ion:164 Resp: 343931

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.7 | 81.8  | 122.6 |
| 160 | 45.7  | 36.7  | 55.1  |

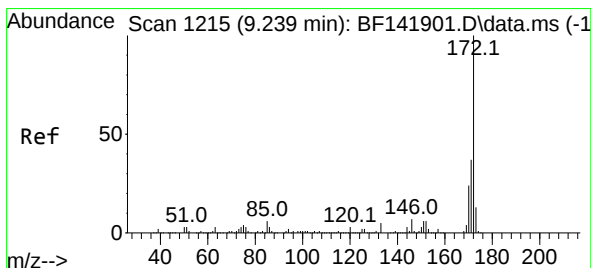
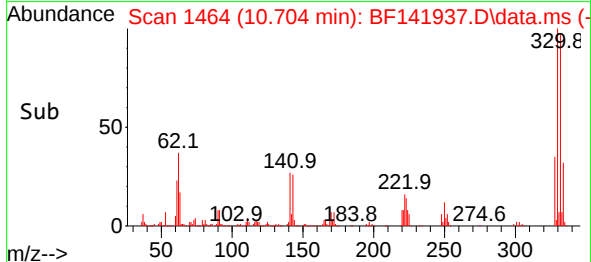
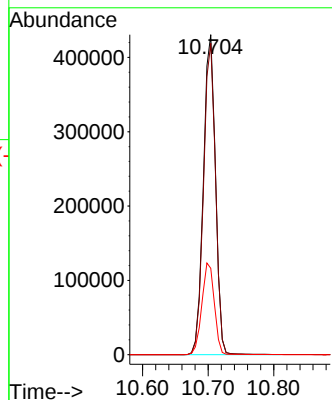
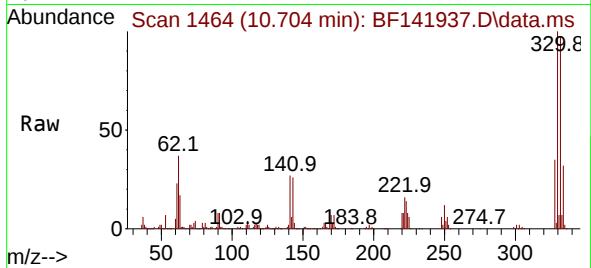




#42  
2,4,6-Tribromophenol  
Concen: 126.588 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

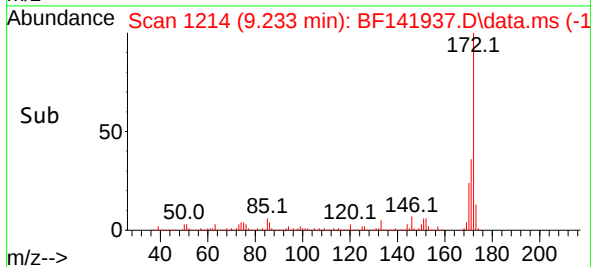
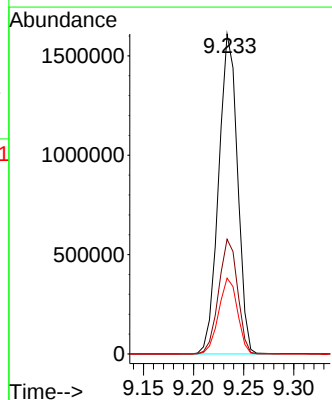
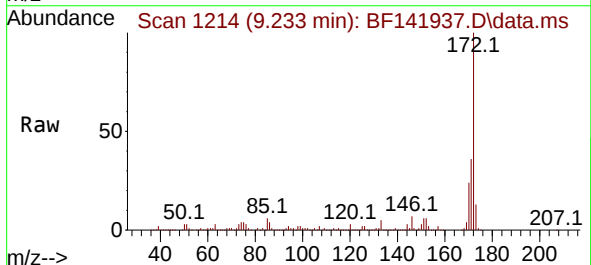
Instrument :  
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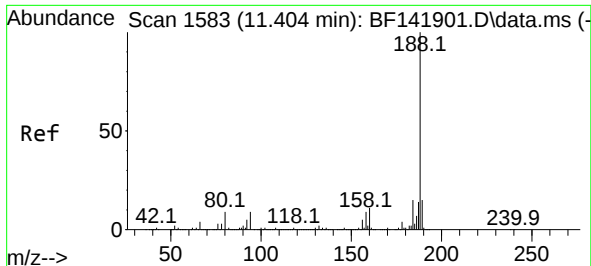
Tgt Ion:330 Resp: 552332  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.6 116.4  
141 29.8 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 93.073 ng  
RT: 9.233 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

Tgt Ion:172 Resp: 2104841  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.3 43.9  
170 23.7 19.4 29.0

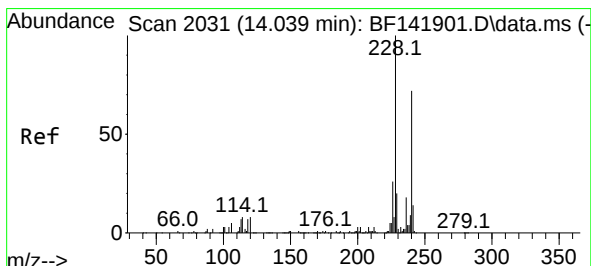
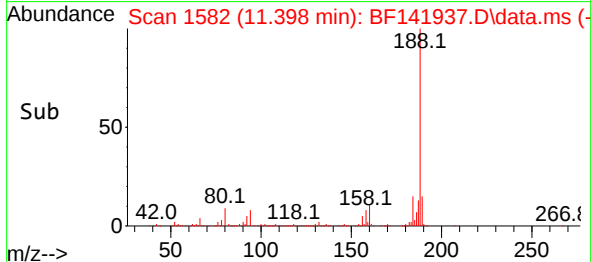
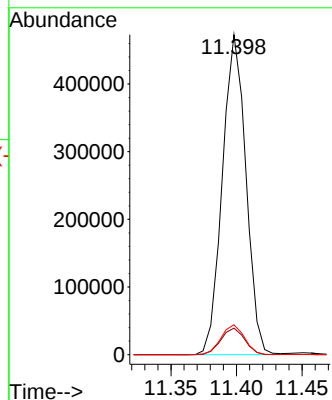
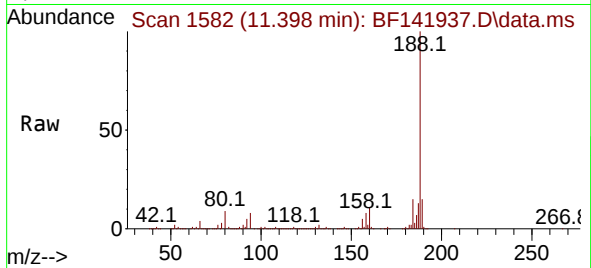




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

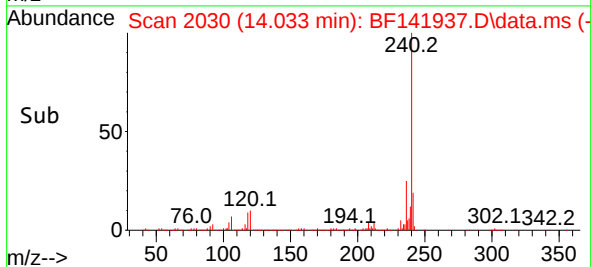
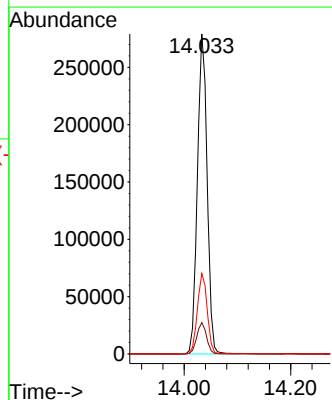
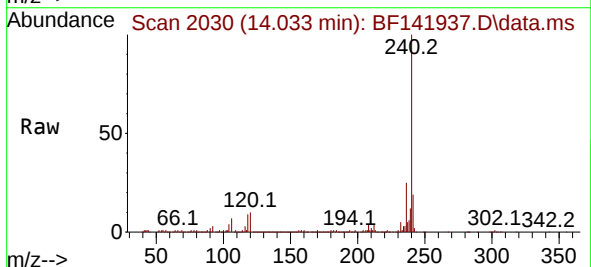
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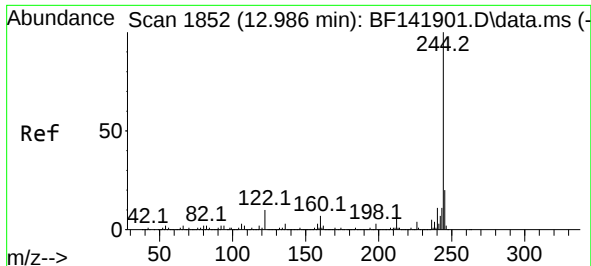
Tgt Ion:188 Resp: 590417  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.8 10.2  
80 9.3 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF141937.D  
Acq: 12 Mar 2025 14:26

Tgt Ion:240 Resp: 355669  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.4 12.6  
236 25.2 20.5 30.7

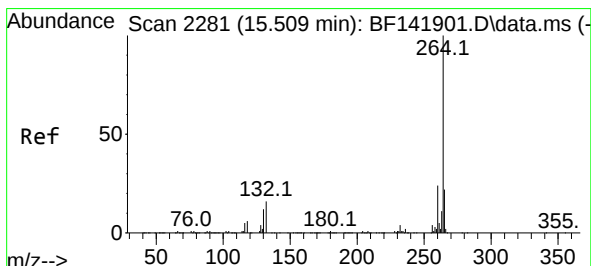
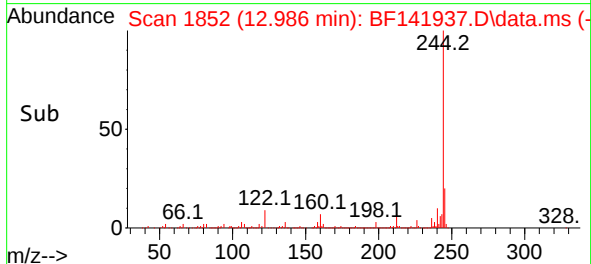
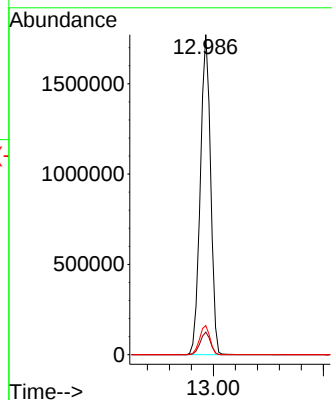
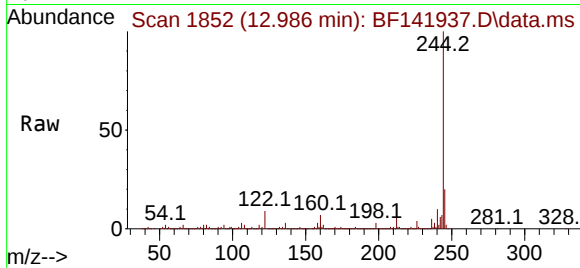




#79  
 Terphenyl-d14  
 Concen: 95.854 ng  
 RT: 12.986 min Scan# 1852  
 Delta R.T. 0.000 min  
 Lab File: BF141937.D  
 Acq: 12 Mar 2025 14:26

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TW-WTS-04

Tgt Ion:244 Resp: 2305935  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.0 9.0  
 122 9.1 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.509 min Scan# 2281  
 Delta R.T. 0.000 min  
 Lab File: BF141937.D  
 Acq: 12 Mar 2025 14:26

Tgt Ion:264 Resp: 352171  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.1 28.7  
 265 21.4 17.5 26.3

