

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032525\  
 Data File : BF142084.D  
 Acq On : 25 Mar 2025 18:09  
 Operator : RC/JU  
 Sample : Q1626-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CO-32-1

Quant Time: Mar 25 18:34:57 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   | 6.875  | 152  | 156336   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 609764   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.904  | 164  | 348183   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.392 | 188  | 583175   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.033 | 240  | 299418   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.504 | 264  | 256921   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 1343017  | 143.373 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 1613721  | 135.304 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 1110437  | 102.484 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 760029   | 172.063 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 2301439  | 100.523 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 2576873  | 127.240 | ng    | 0.00     |

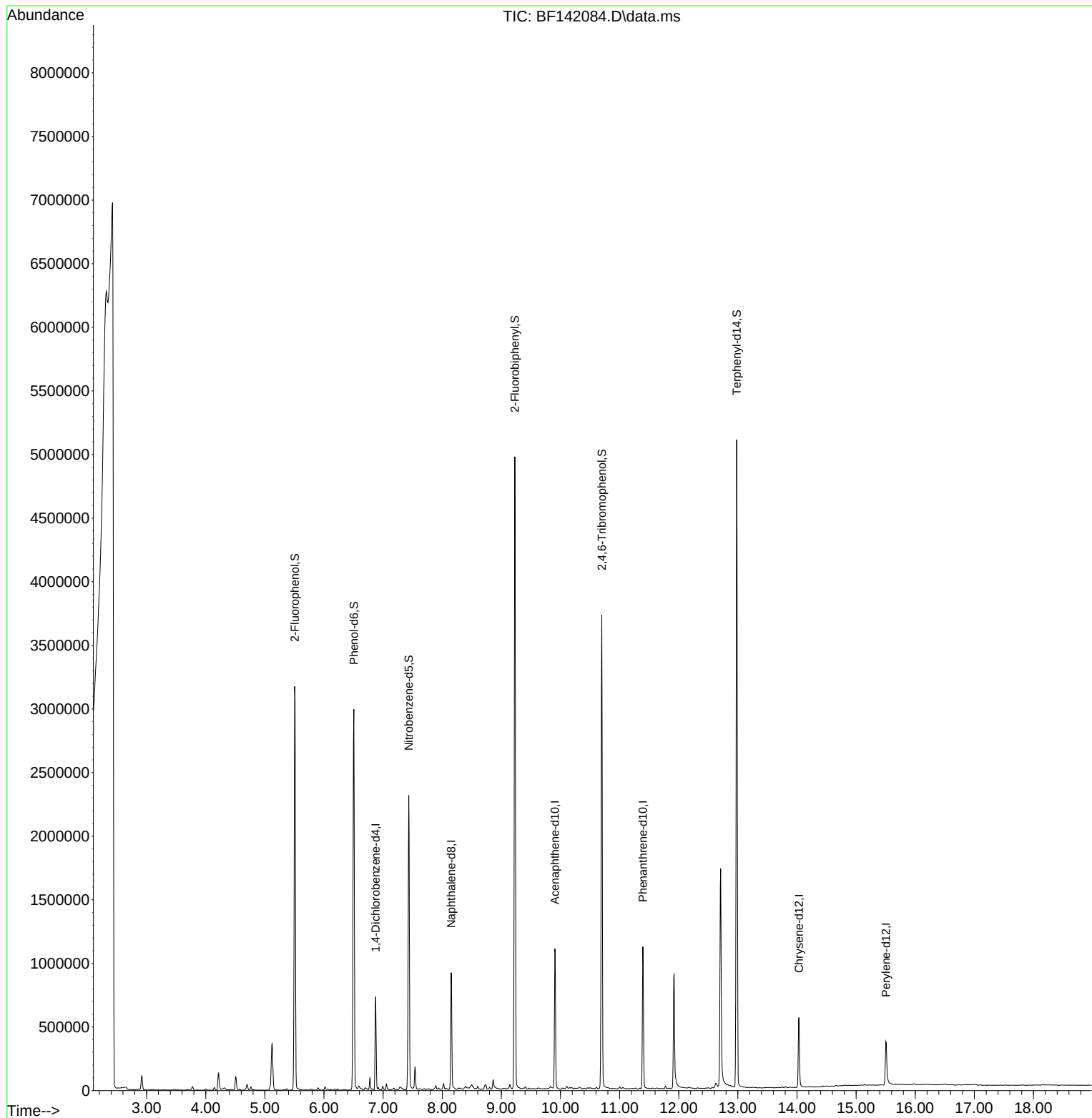
Target Compounds Qvalue

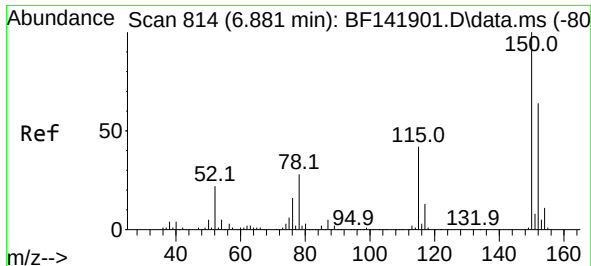
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032525\  
Data File : BF142084.D  
Acq On : 25 Mar 2025 18:09  
Operator : RC/JU  
Sample : Q1626-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CO-32-1

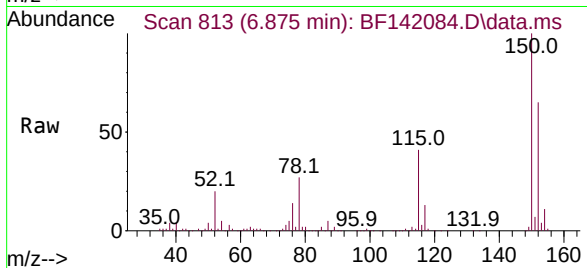
Quant Time: Mar 25 18:34:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 15:46:22 2025  
Response via : Initial Calibration



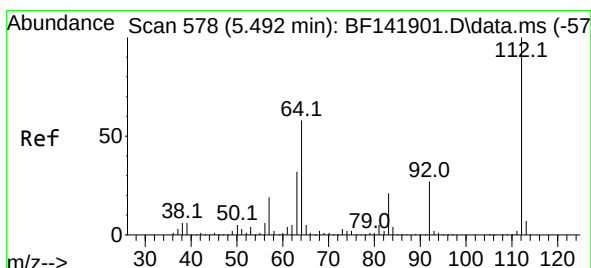
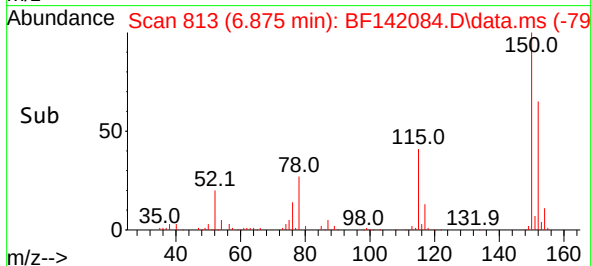
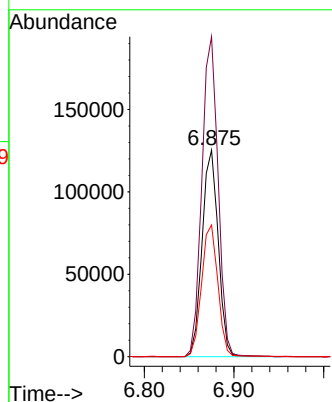


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

Instrument :  
BNA\_F  
ClientSampleId :  
CO-32-1

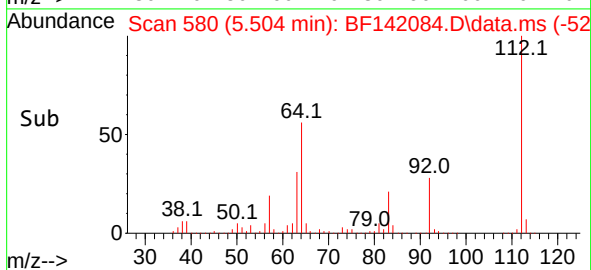
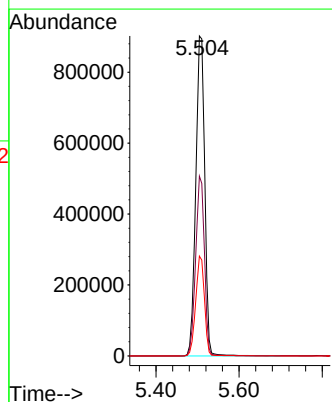
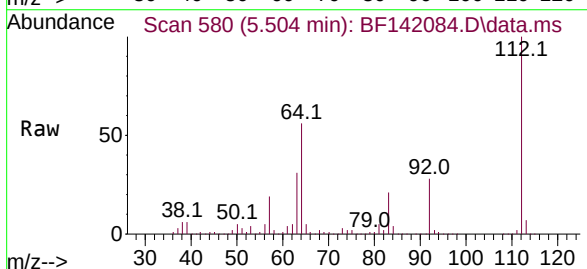


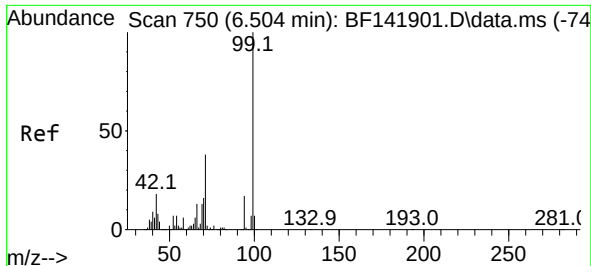
Tgt Ion:152 Resp: 156336  
Ion Ratio Lower Upper  
152 100  
150 155.0 127.4 191.2  
115 63.7 51.9 77.9



#5  
2-Fluorophenol  
Concen: 143.373 ng  
RT: 5.504 min Scan# 580  
Delta R.T. 0.012 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

Tgt Ion:112 Resp: 1343017  
Ion Ratio Lower Upper  
112 100  
64 56.2 46.5 69.7  
63 31.2 25.4 38.2



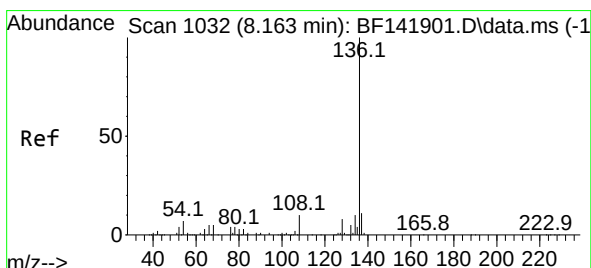
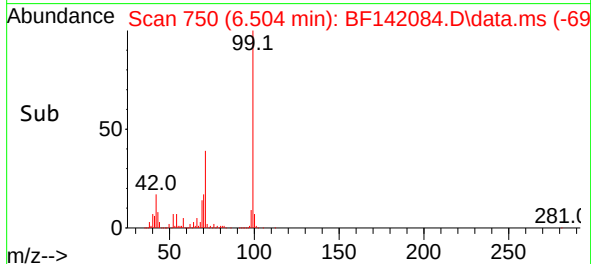
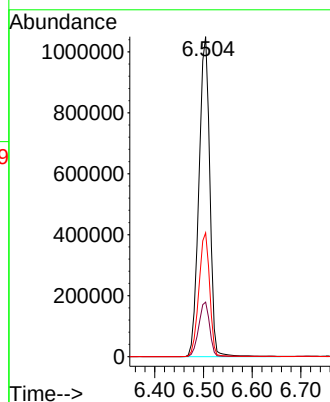
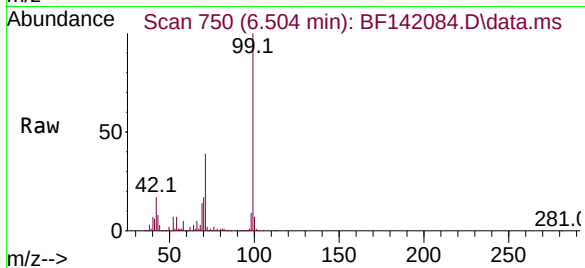


#7  
Phenol-d6  
Concen: 135.304 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

Instrument :  
BNA\_F  
ClientSampleId :  
CO-32-1

Tgt Ion: 99 Resp: 1613721

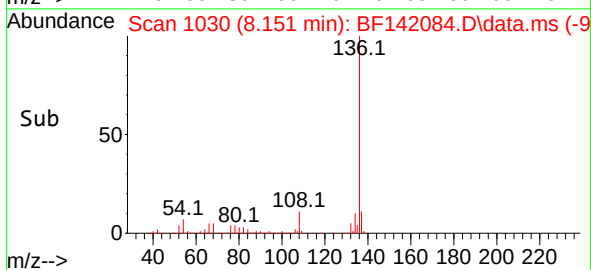
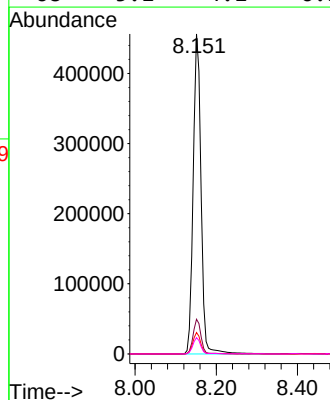
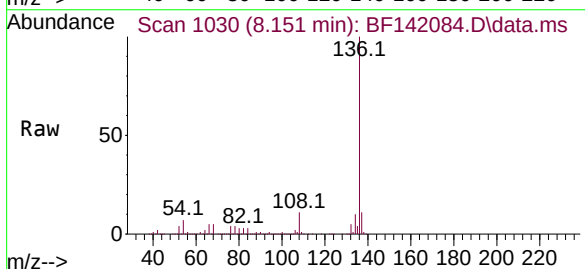
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.0  | 14.6  | 21.8  |
| 71  | 38.7  | 30.8  | 46.2  |

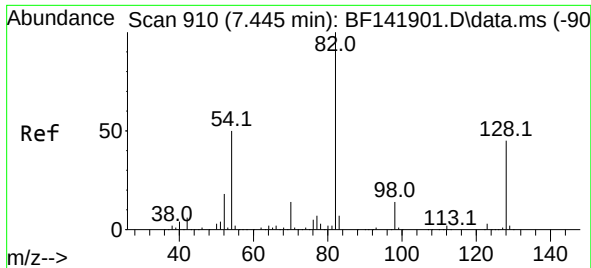


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

Tgt Ion:136 Resp: 609764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 6.7   | 5.8   | 8.8   |
| 68  | 5.1   | 4.1   | 6.1   |

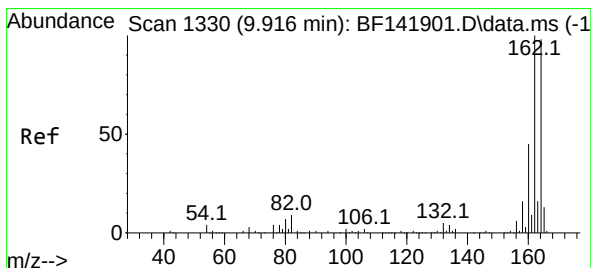
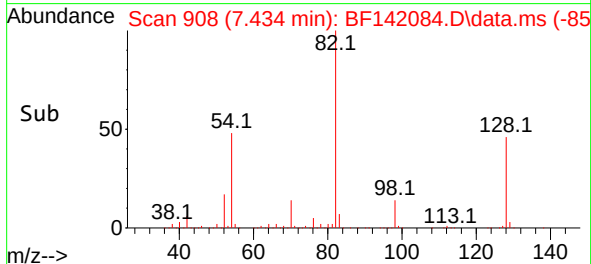
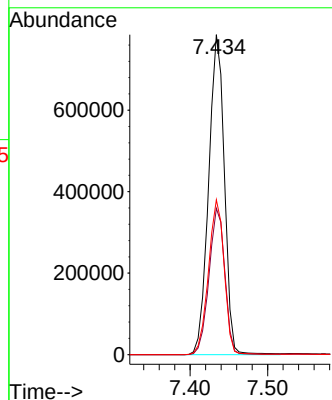
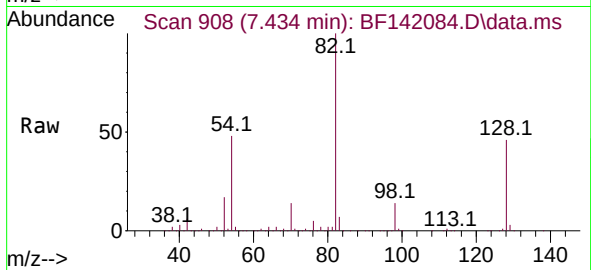




#23  
Nitrobenzene-d5  
Concen: 102.484 ng  
RT: 7.434 min Scan# 90  
Delta R.T. -0.012 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

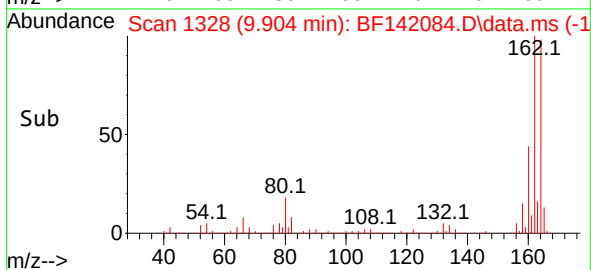
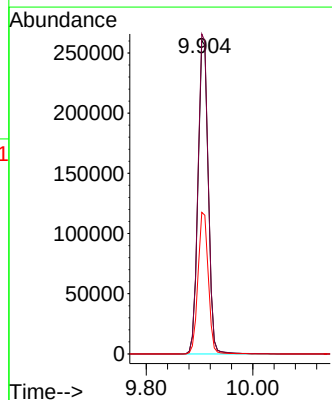
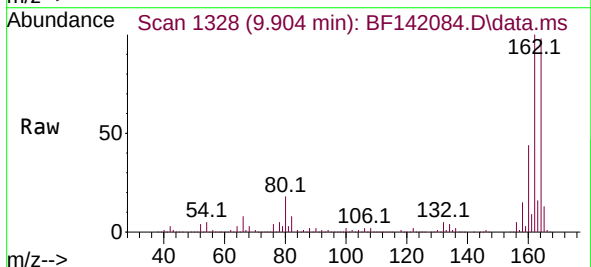
Instrument :  
BNA\_F  
ClientSampleId :  
CO-32-1

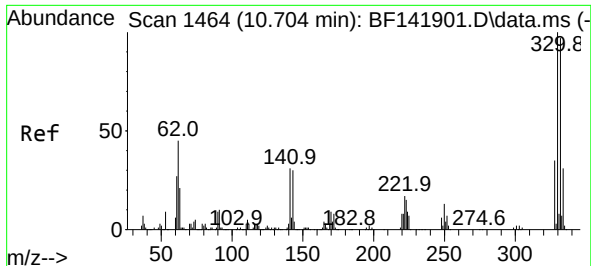
Tgt Ion: 82 Resp: 1110437  
Ion Ratio Lower Upper  
82 100  
128 45.7 36.0 54.0  
54 48.4 39.6 59.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

Tgt Ion:164 Resp: 348183  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.8 122.6  
160 45.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 172.063 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142084.D

Acq: 25 Mar 2025 18:09

Instrument :

BNA\_F

ClientSampleId :

CO-32-1

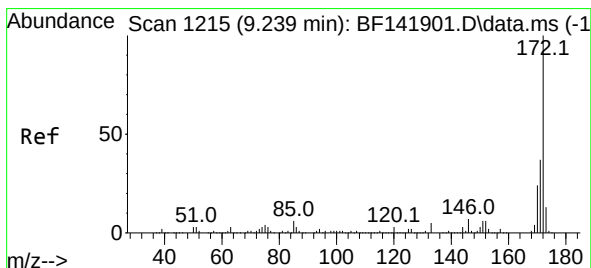
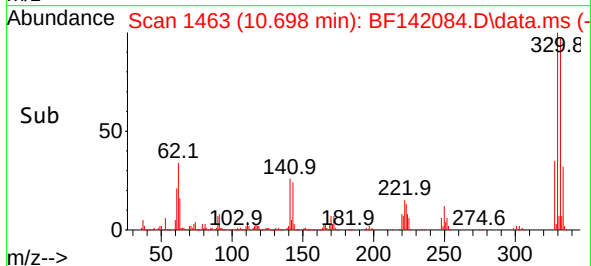
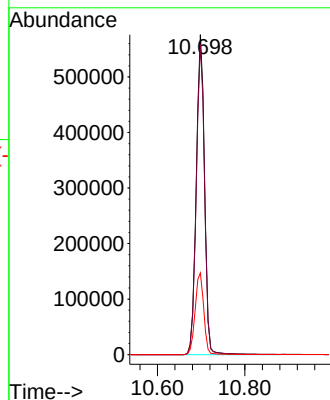
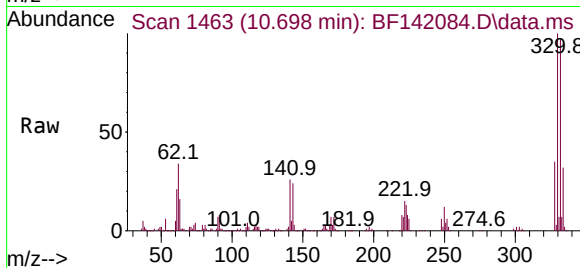
Tgt Ion:330 Resp: 760029

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 26.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 100.523 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142084.D

Acq: 25 Mar 2025 18:09

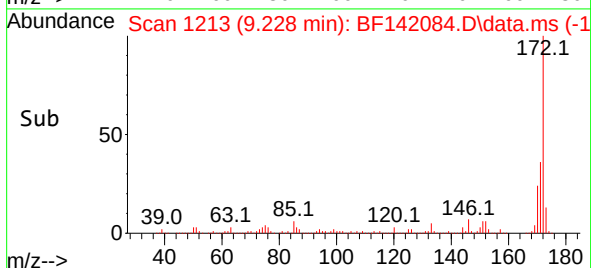
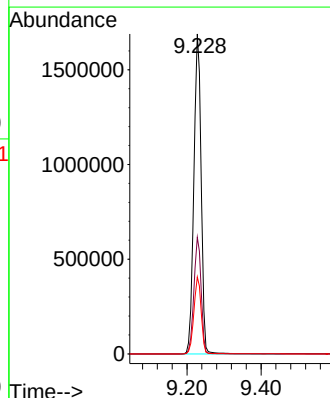
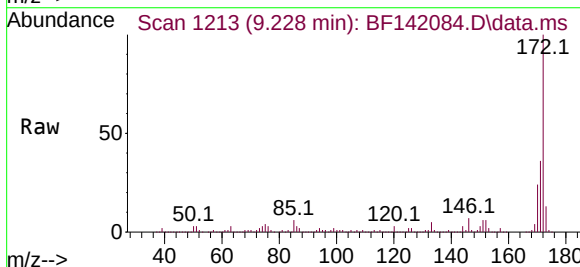
Tgt Ion:172 Resp: 2301439

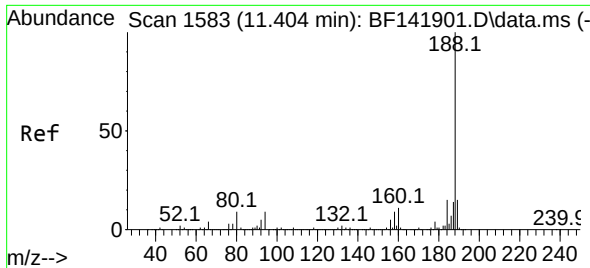
Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 24.0 19.4 29.0

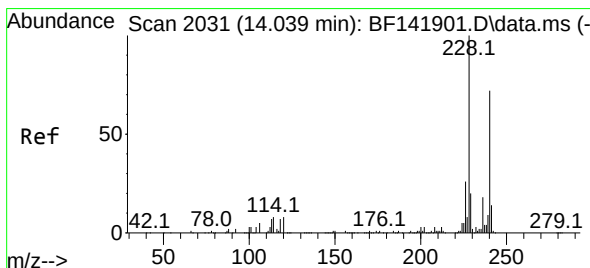
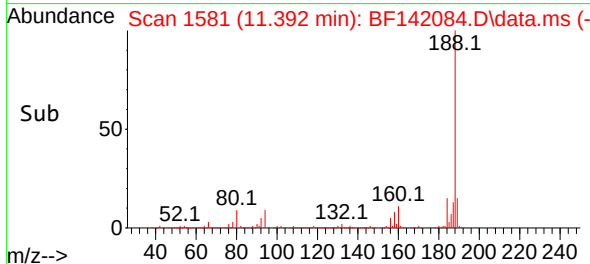
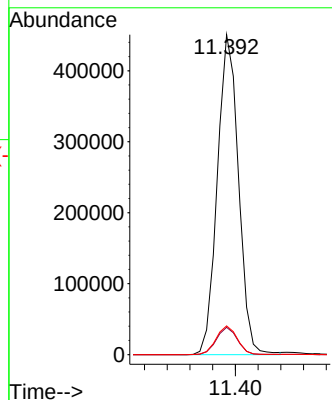
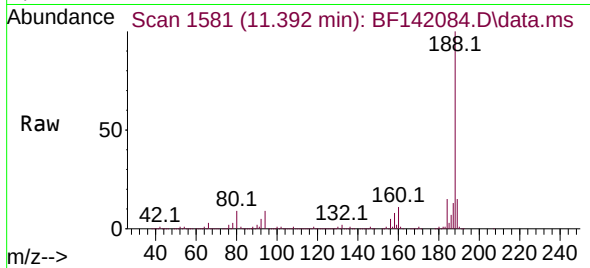




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

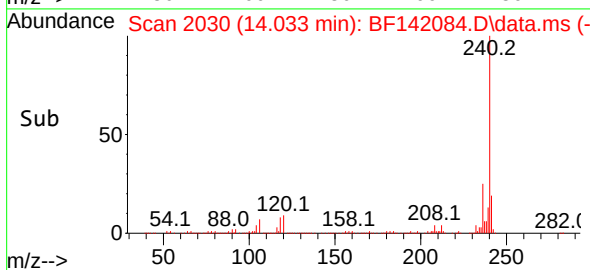
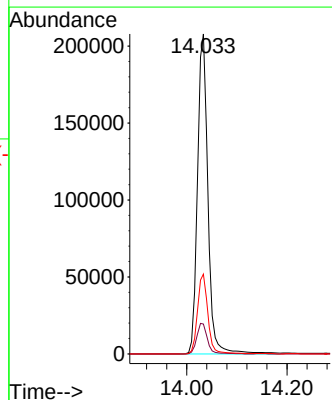
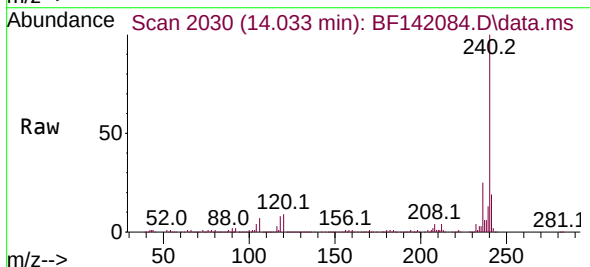
Instrument :  
BNA\_F  
ClientSampleId :  
CO-32-1

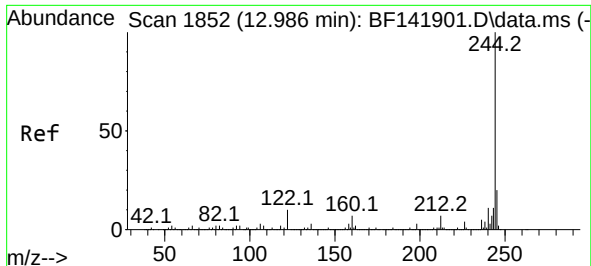
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Ion Ratio Lower Upper  
188 100  
94 8.5 6.8 10.2  
80 9.0 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.033 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF142084.D  
Acq: 25 Mar 2025 18:09

Tgt Ion:240 Resp: 299418  
Ion Ratio Lower Upper  
240 100  
120 9.3 8.4 12.6  
236 24.9 20.5 30.7

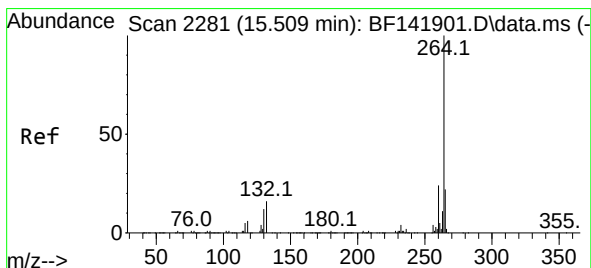
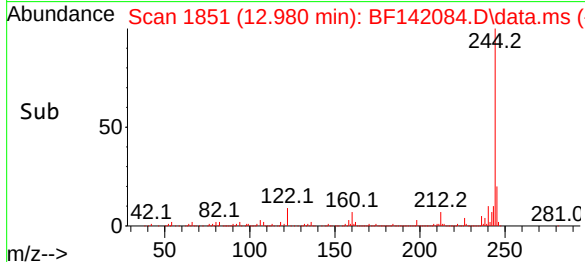
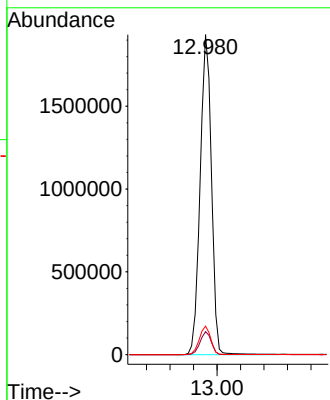
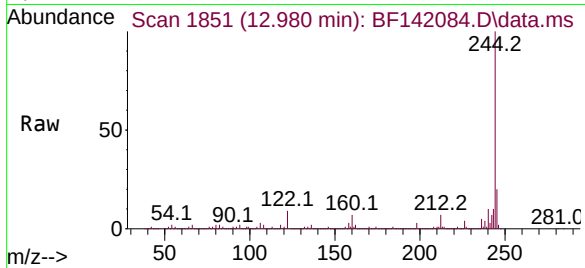




#79  
 Terphenyl-d14  
 Concen: 127.240 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. -0.006 min  
 Lab File: BF142084.D  
 Acq: 25 Mar 2025 18:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CO-32-1

Tgt Ion:244 Resp: 2576873  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 8.9 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 2280  
 Delta R.T. -0.006 min  
 Lab File: BF142084.D  
 Acq: 25 Mar 2025 18:09

Tgt Ion:264 Resp: 256921  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.1 28.7  
 265 21.4 17.5 26.3

