

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081925\  
 Data File : BF143464.D  
 Acq On : 19 Aug 2025 18:55  
 Operator : RC/JU  
 Sample : Q2891-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WALL-3

Quant Time: Aug 20 01:12:52 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 18 04:40:19 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.928  | 152  | 142604   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.210  | 136  | 558570   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.963  | 164  | 326282   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.451 | 188  | 543326   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.086 | 240  | 295246   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.580 | 264  | 283938   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.569  | 112  | 491012   | 59.854 | ng    | 0.01     |
| 7) Phenol-d6                | 6.563  | 99   | 661058   | 63.942 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.481  | 82   | 458655   | 48.725 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.751 | 330  | 173212   | 59.643 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.280  | 172  | 950675   | 49.008 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.027 | 244  | 947211   | 53.893 | ng    | 0.00     |

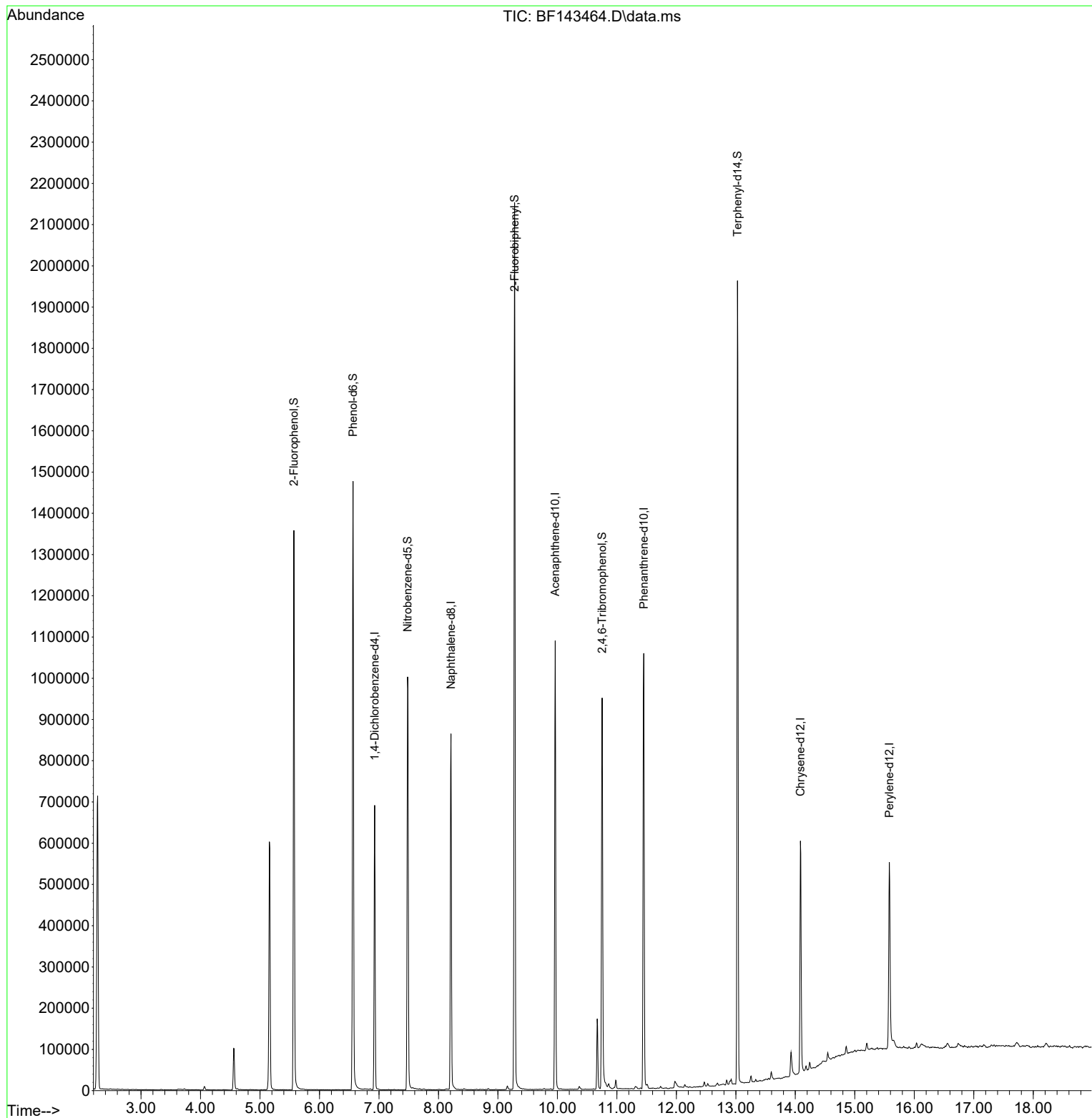
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

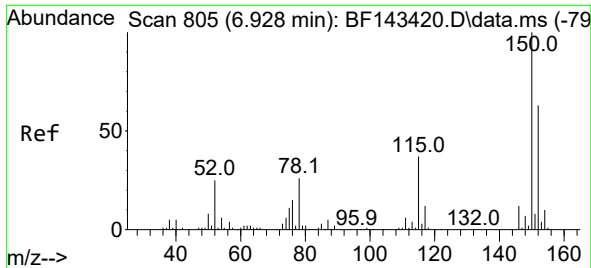
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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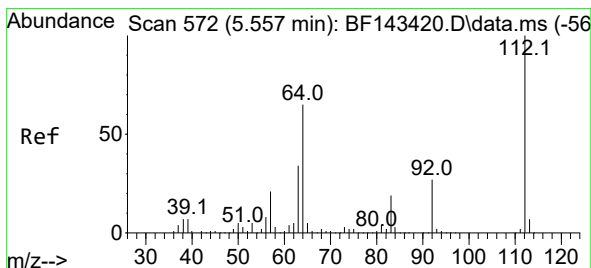
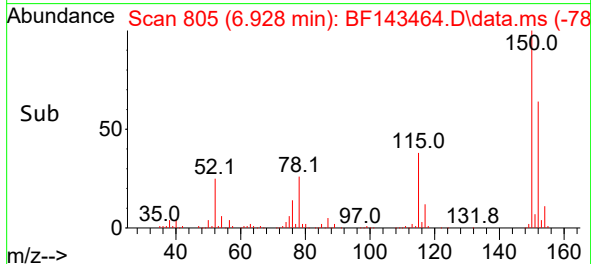
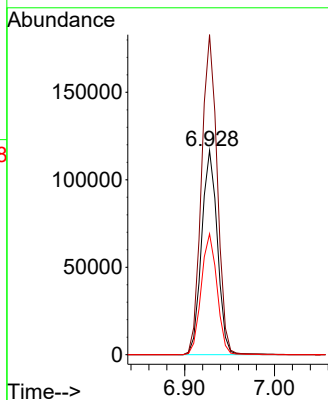
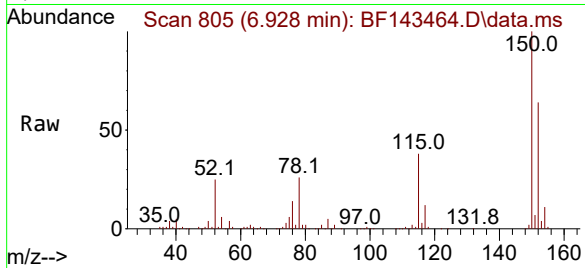




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.928 min Scan# 805  
 Delta R.T. -0.000 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

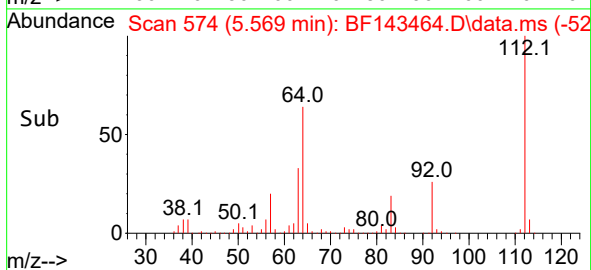
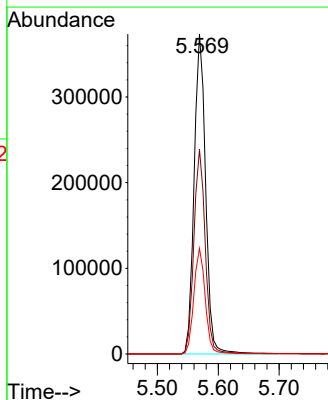
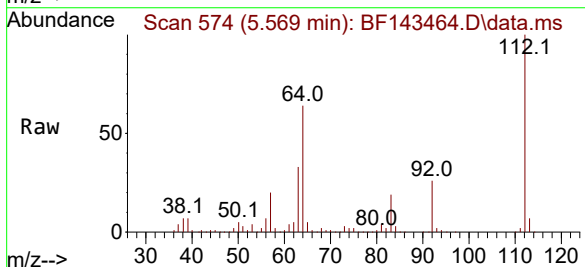
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 ClientSampleId :  
 WALL-3

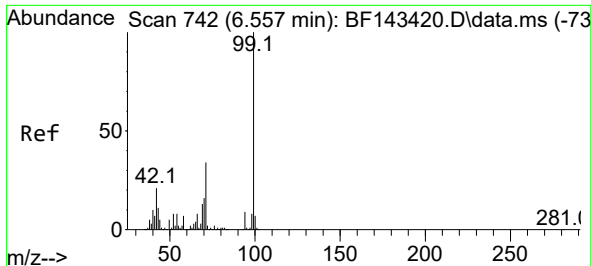
Tgt Ion:152 Resp: 142604  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 127.4 191.2  
 115 59.1 47.5 71.3



#5  
 2-Fluorophenol  
 Concen: 59.854 ng  
 RT: 5.569 min Scan# 574  
 Delta R.T. 0.012 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

Tgt Ion:112 Resp: 491012  
 Ion Ratio Lower Upper  
 112 100  
 64 63.9 52.2 78.2  
 63 33.0 27.0 40.6

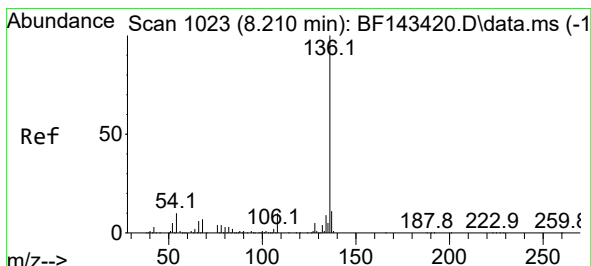
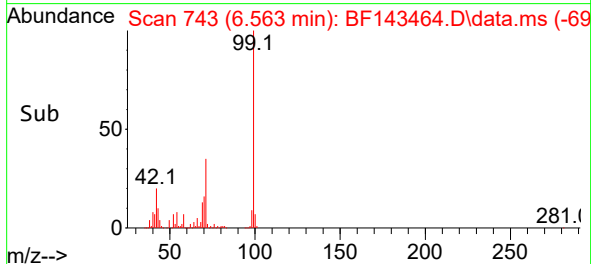
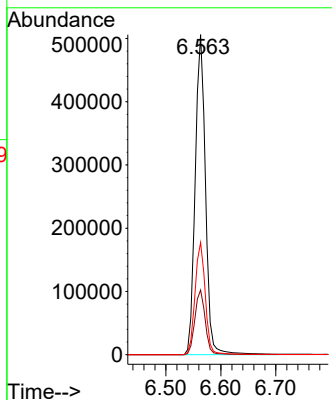
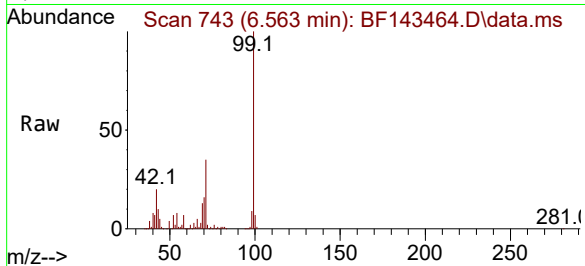




#7  
Phenol-d6  
Concen: 63.942 ng  
RT: 6.563 min Scan# 742  
Delta R.T. 0.006 min  
Lab File: BF143464.D  
Acq: 19 Aug 2025 18:55

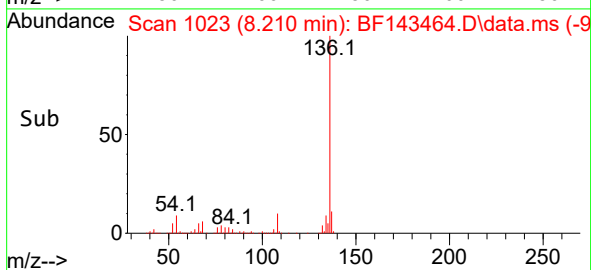
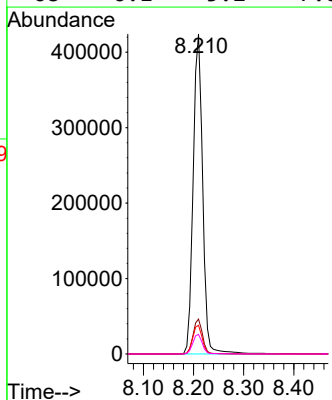
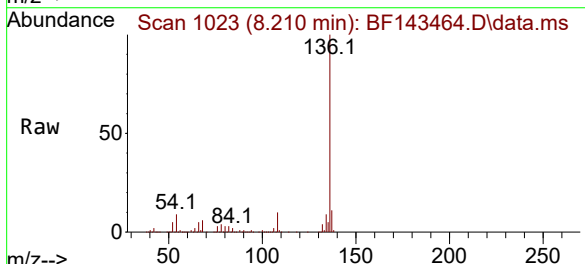
Instrument :  
BNA\_F  
ClientSampleId :  
WALL-3

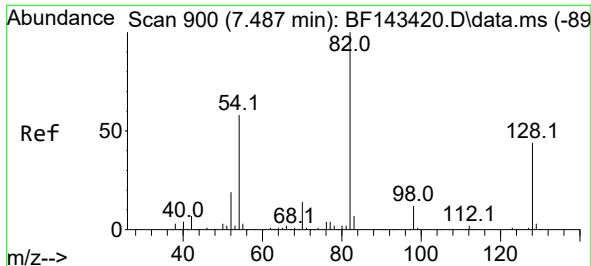
Tgt Ion: 99 Resp: 661058  
Ion Ratio Lower Upper  
99 100  
42 20.2 17.0 25.6  
71 35.0 27.4 41.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.210 min Scan# 1023  
Delta R.T. -0.000 min  
Lab File: BF143464.D  
Acq: 19 Aug 2025 18:55

Tgt Ion: 136 Resp: 558570  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 9.0 7.8 11.8  
68 6.1 5.2 7.8





#23  
 Nitrobenzene-d5  
 Concen: 48.725 ng  
 RT: 7.481 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

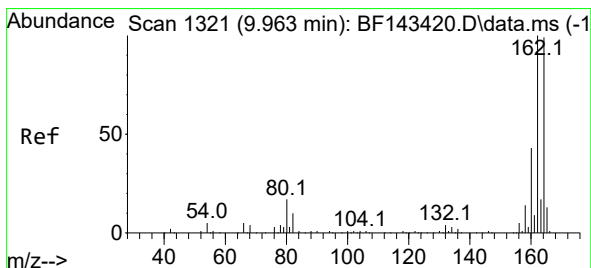
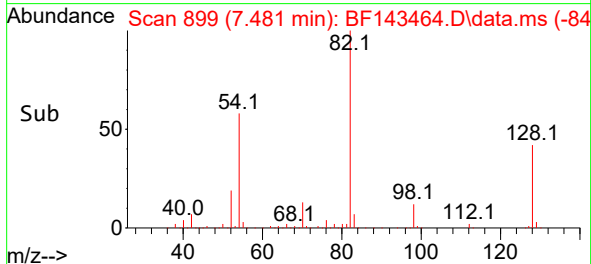
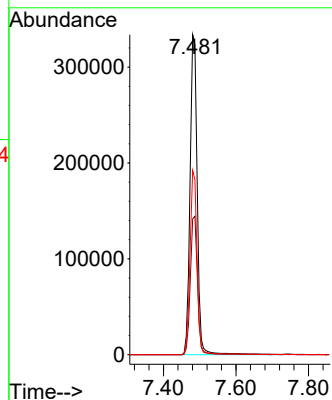
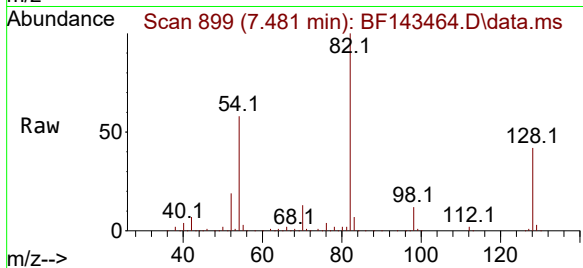
Instrument :

BNA\_F

ClientSampleId :

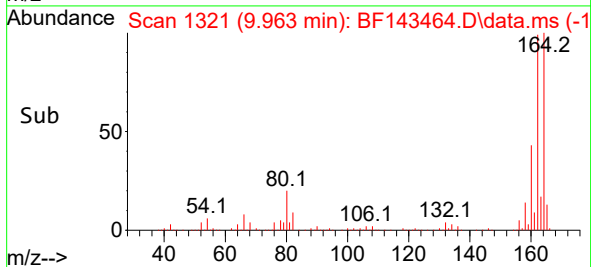
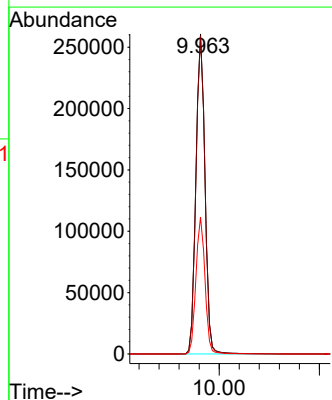
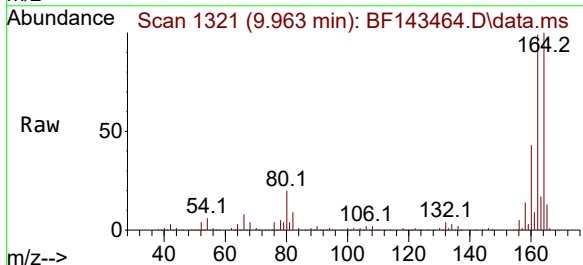
WALL-3

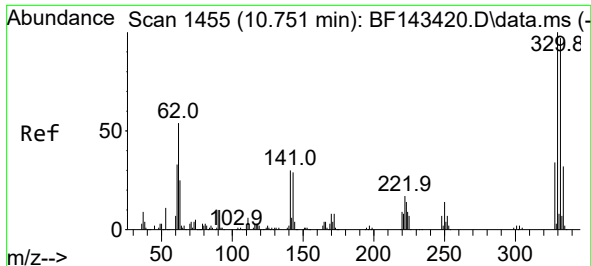
Tgt Ion: 82 Resp: 458655  
 Ion Ratio Lower Upper  
 82 100  
 128 42.5 34.6 52.0  
 54 57.6 46.0 69.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.963 min Scan# 1321  
 Delta R.T. -0.000 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

Tgt Ion:164 Resp: 326282  
 Ion Ratio Lower Upper  
 164 100  
 162 99.5 80.6 121.0  
 160 42.8 34.6 51.8

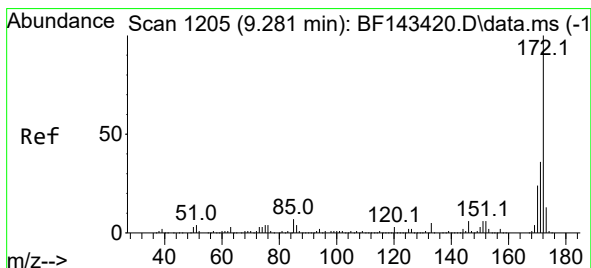
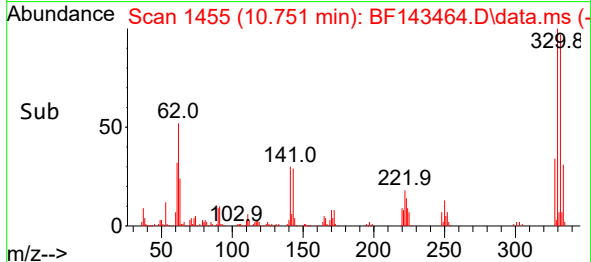
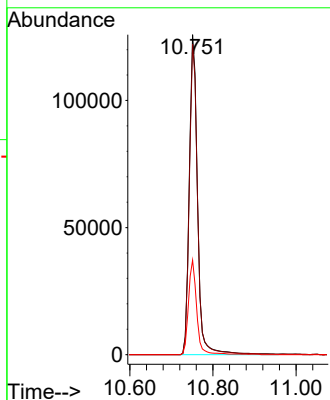
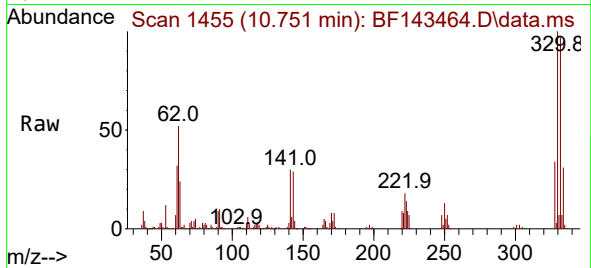




#42  
 2,4,6-Tribromophenol  
 Concen: 59.643 ng  
 RT: 10.751 min Scan# 1455  
 Delta R.T. -0.000 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

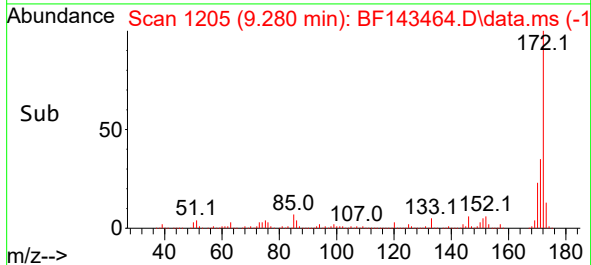
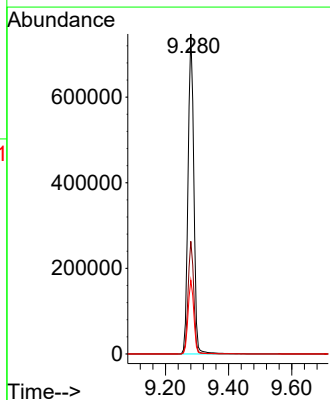
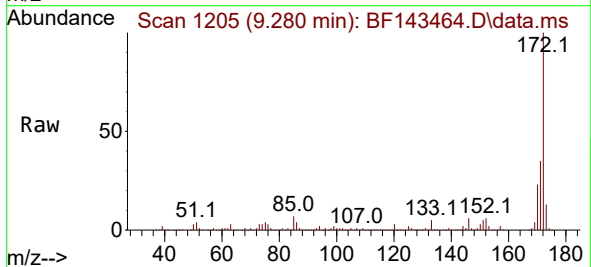
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WALL-3

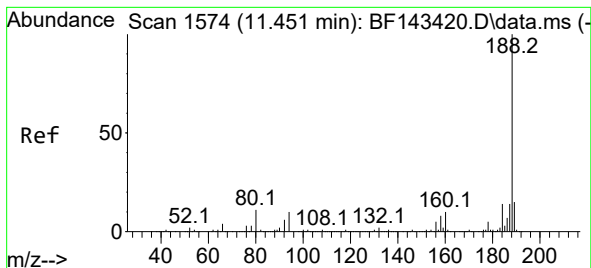
Tgt Ion:330 Resp: 173212  
 Ion Ratio Lower Upper  
 330 100  
 332 97.5 77.4 116.2  
 141 29.3 24.1 36.1



#45  
 2-Fluorobiphenyl  
 Concen: 49.008 ng  
 RT: 9.280 min Scan# 1205  
 Delta R.T. -0.000 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

Tgt Ion:172 Resp: 950675  
 Ion Ratio Lower Upper  
 172 100  
 171 35.2 28.7 43.1  
 170 23.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143464.D

Acq: 19 Aug 2025 18:55

Instrument :

BNA\_F

ClientSampleId :

WALL-3

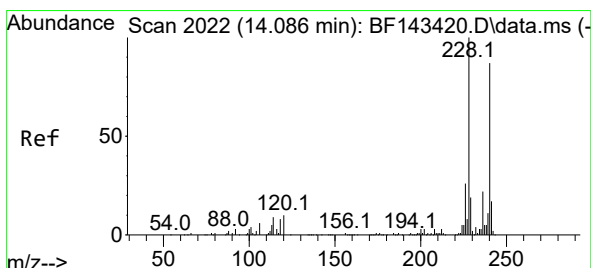
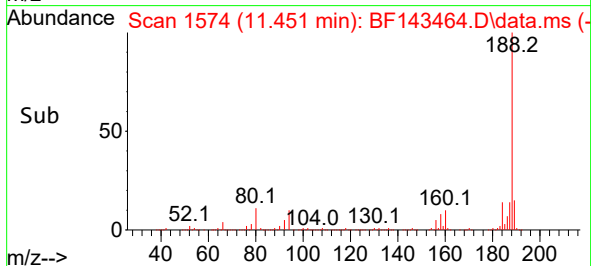
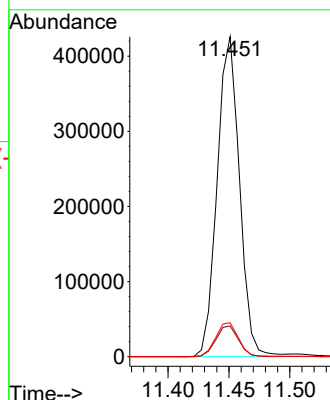
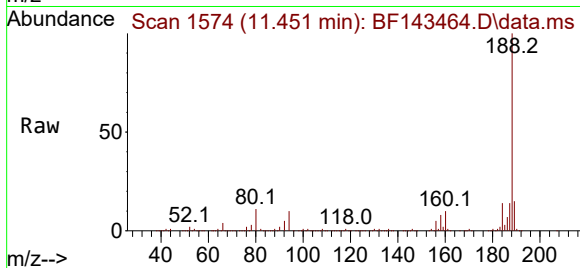
Tgt Ion:188 Resp: 543326

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 10.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF143464.D

Acq: 19 Aug 2025 18:55

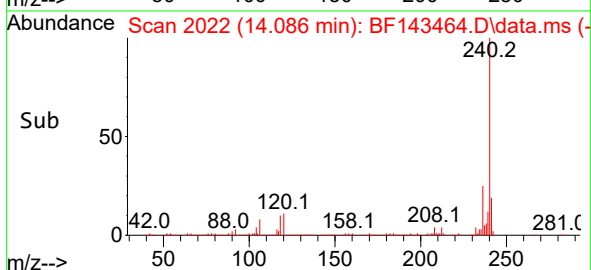
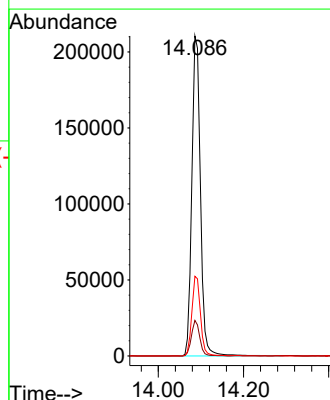
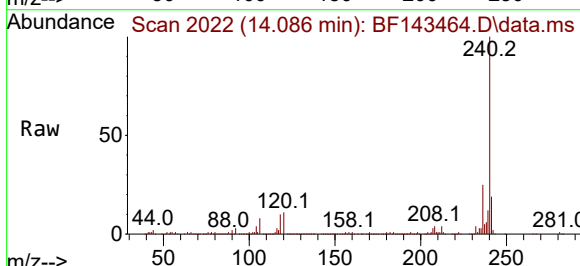
Tgt Ion:240 Resp: 295246

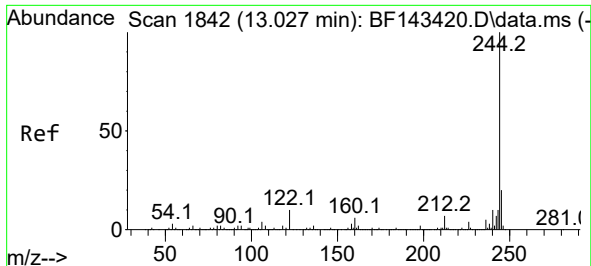
Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 24.9 20.2 30.2

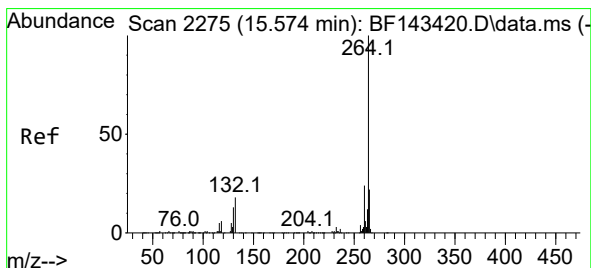
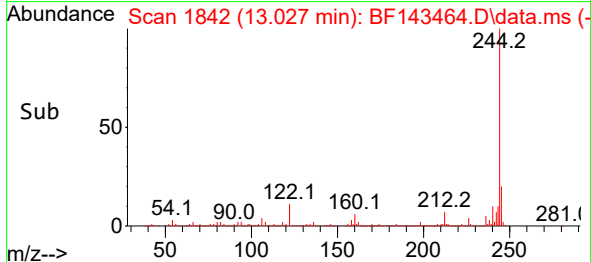
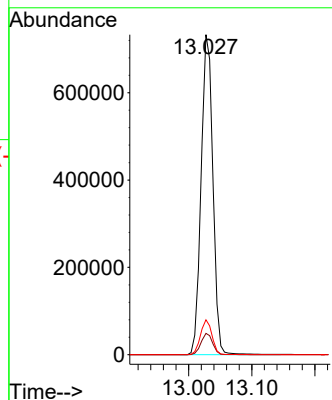
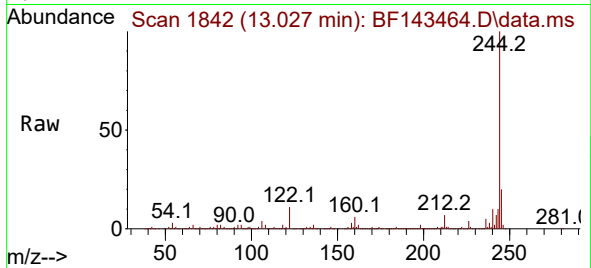




#79  
 Terphenyl-d14  
 Concen: 53.893 ng  
 RT: 13.027 min Scan# 1842  
 Delta R.T. -0.000 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 947211  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.2 7.8  
 122 10.9 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.580 min Scan# 2276  
 Delta R.T. 0.006 min  
 Lab File: BF143464.D  
 Acq: 19 Aug 2025 18:55

Tgt Ion:264 Resp: 283938  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.8 28.2  
 265 21.7 17.4 26.0

