

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070924\  
 Data File : BF138491.D  
 Acq On : 09 Jul 2024 18:19  
 Operator : CG\JU  
 Sample : PB161565TB  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB161565TB

Quant Time: Jul 09 18:43:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:58:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 116886   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.145  | 136  | 473691   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.898  | 164  | 271557   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.386 | 188  | 509820   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 348831   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.486 | 264  | 265457   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 894858   | 121.249 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 1170483  | 119.218 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 797190   | 82.628  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 318570   | 125.522 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1381879  | 79.532  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.974 | 244  | 1628840  | 76.070  | ng    | 0.00     |

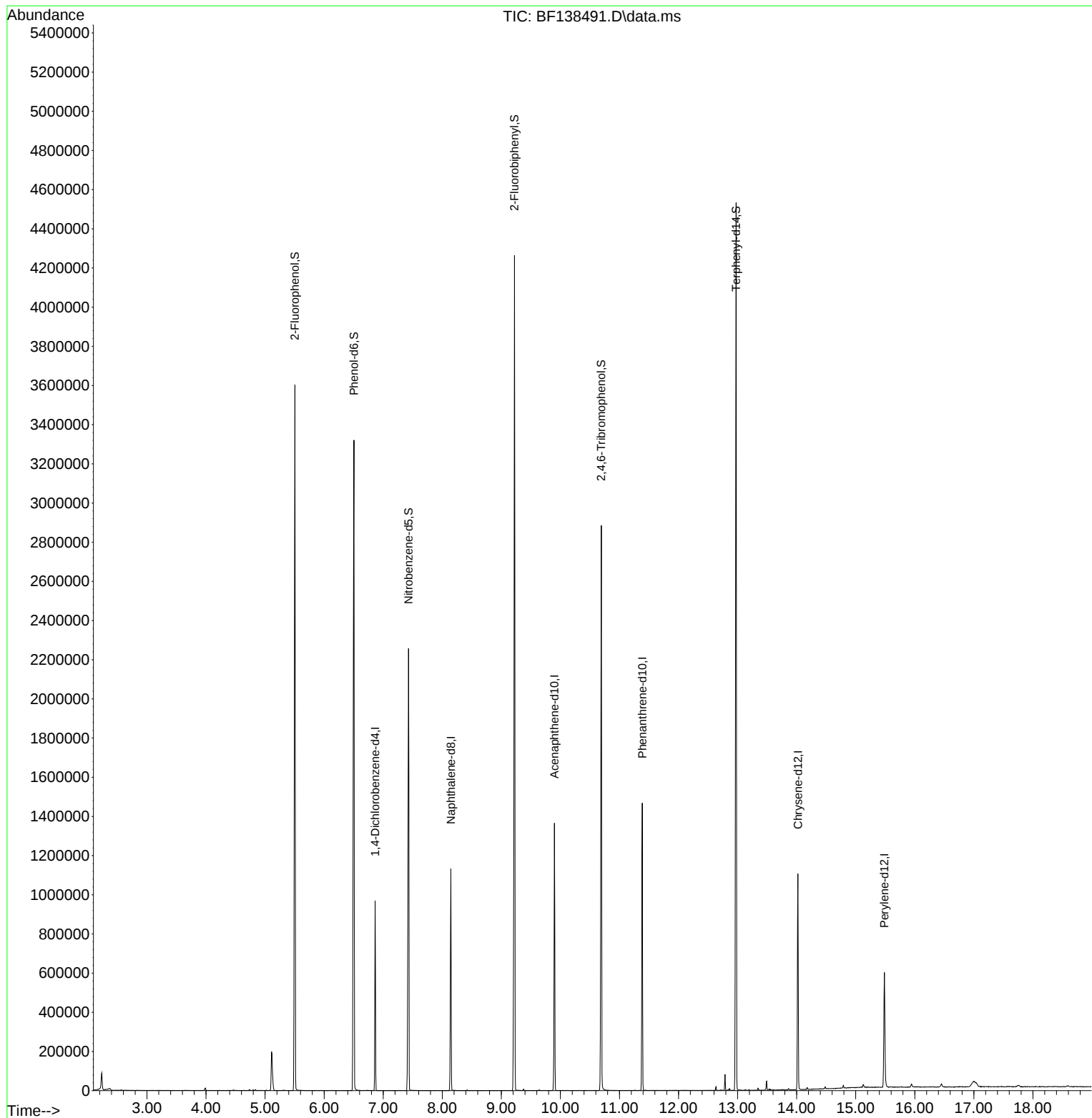
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

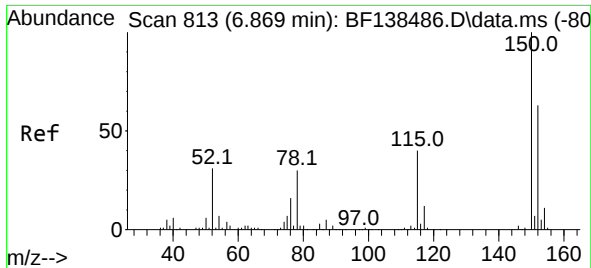
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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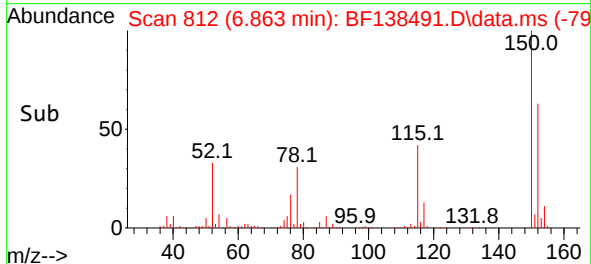
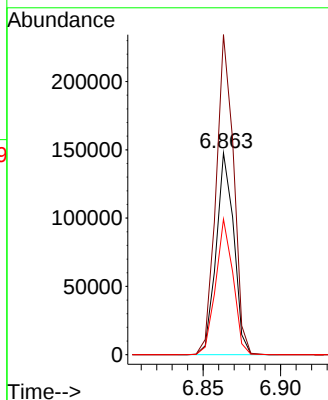
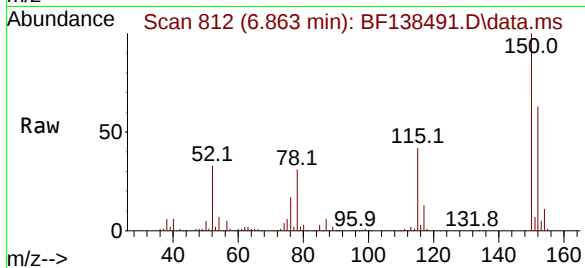




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF138491.D  
Acq: 09 Jul 2024 18:19

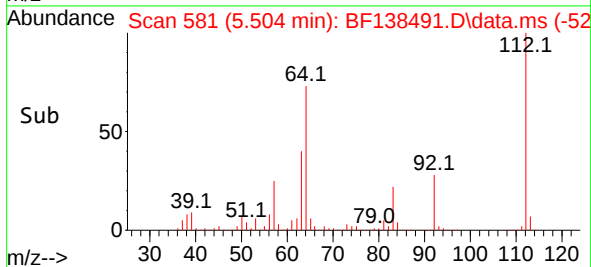
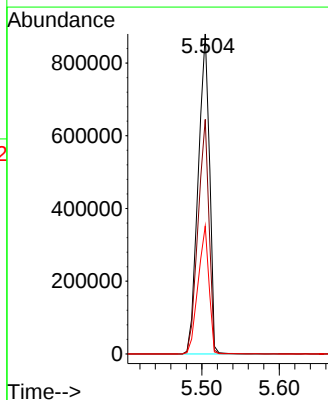
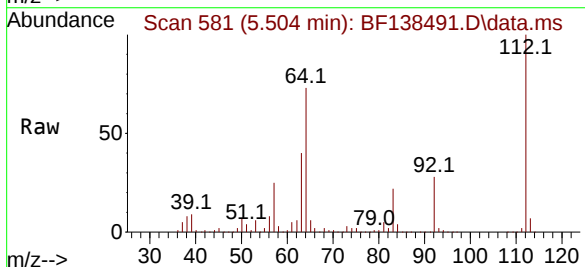
Instrument :  
BNA\_F  
ClientSampleId :  
PB161565TB

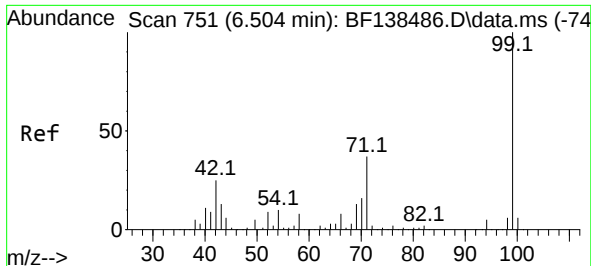
Tgt Ion:152 Resp: 116886  
Ion Ratio Lower Upper  
152 100  
150 158.6 126.2 189.4  
115 67.2 50.3 75.5



#5  
2-Fluorophenol  
Concen: 121.249 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF138491.D  
Acq: 09 Jul 2024 18:19

Tgt Ion:112 Resp: 894858  
Ion Ratio Lower Upper  
112 100  
64 73.3 55.1 82.7  
63 39.9 29.0 43.6

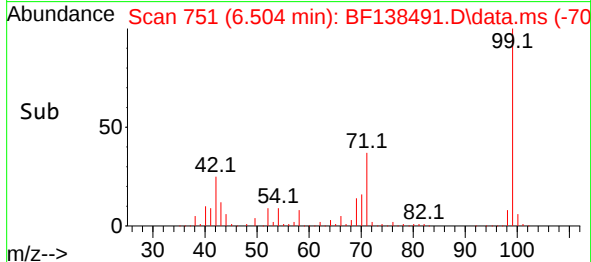
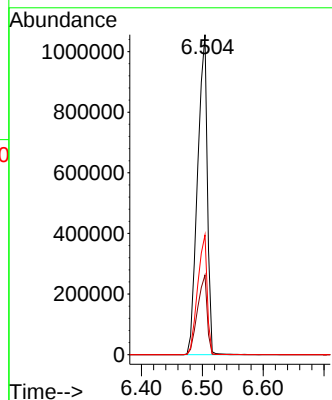
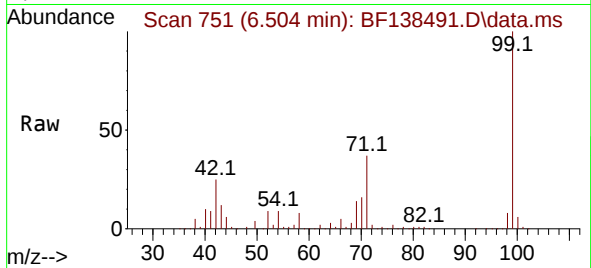




#7  
Phenol-d6  
Concen: 119.218 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF138491.D  
Acq: 09 Jul 2024 18:19

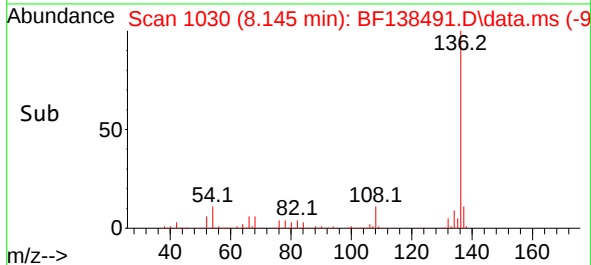
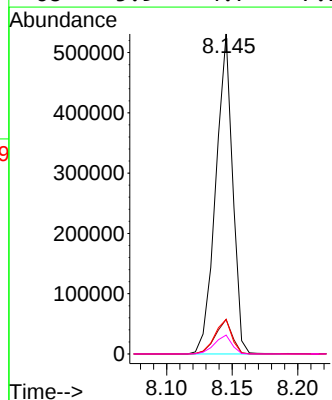
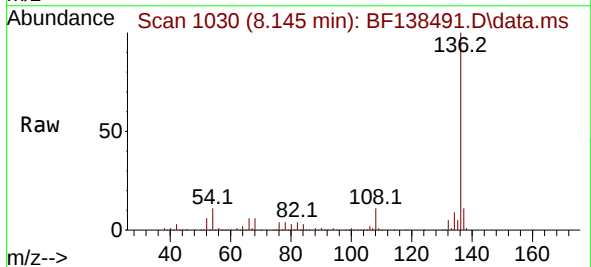
Instrument :  
BNA\_F  
ClientSampleId :  
PB161565TB

Tgt Ion: 99 Resp: 1170483  
Ion Ratio Lower Upper  
99 100  
42 24.9 19.7 29.5  
71 37.4 29.9 44.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: BF138491.D  
Acq: 09 Jul 2024 18:19

Tgt Ion: 136 Resp: 473691  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 10.8 8.1 12.1  
68 5.9 4.7 7.1

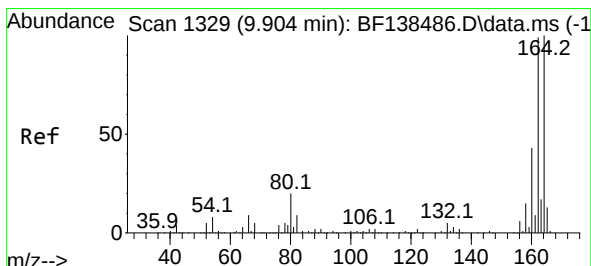
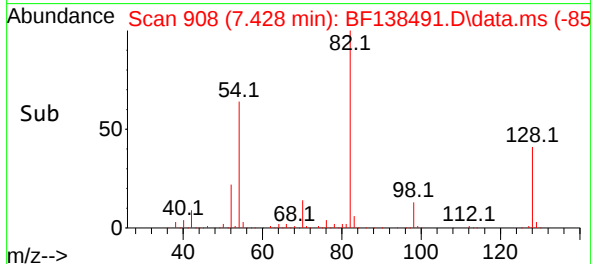
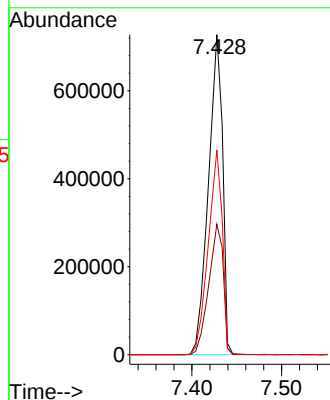
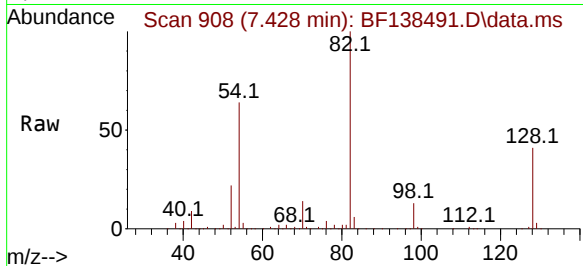




#23  
 Nitrobenzene-d5  
 Concen: 82.628 ng  
 RT: 7.428 min Scan# 909  
 Delta R.T. -0.006 min  
 Lab File: BF138491.D  
 Acq: 09 Jul 2024 18:19

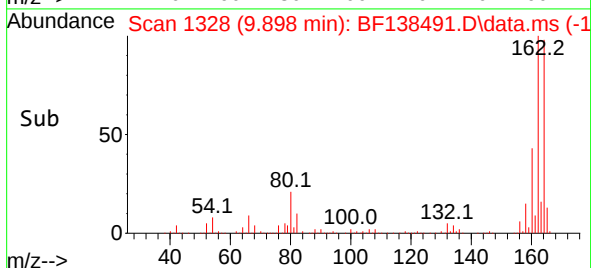
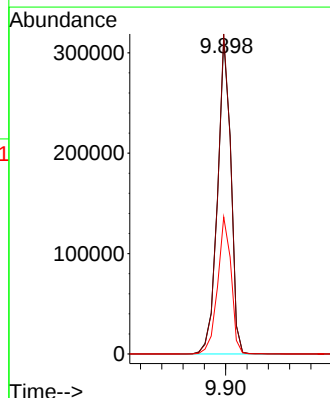
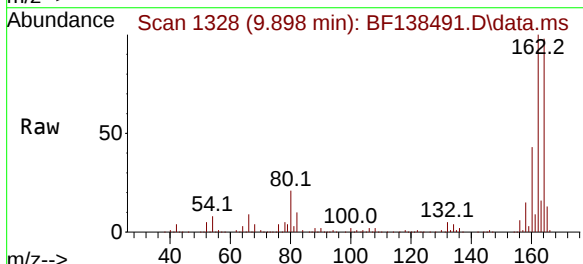
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB161565TB

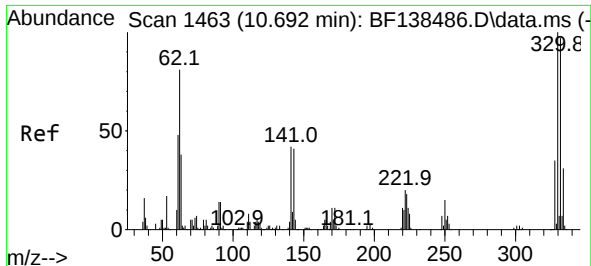
Tgt Ion: 82 Resp: 797190  
 Ion Ratio Lower Upper  
 82 100  
 128 40.8 32.3 48.5  
 54 64.0 51.4 77.0



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.898 min Scan# 1328  
 Delta R.T. -0.006 min  
 Lab File: BF138491.D  
 Acq: 09 Jul 2024 18:19

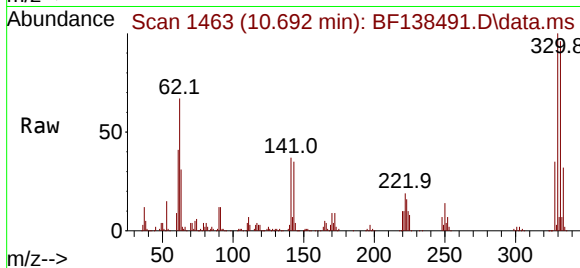
Tgt Ion:164 Resp: 271557  
 Ion Ratio Lower Upper  
 164 100  
 162 101.9 79.0 118.6  
 160 43.6 34.4 51.6



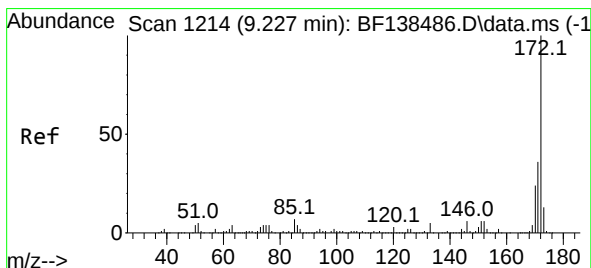
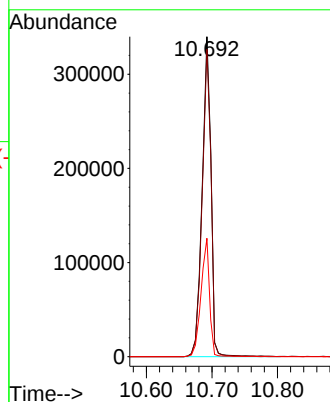
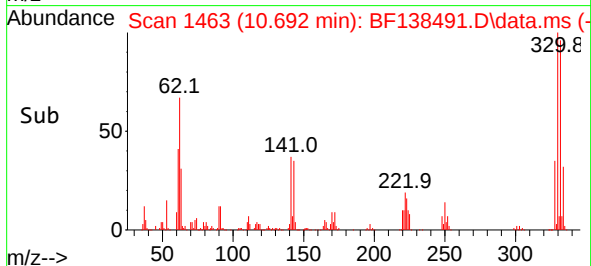


#42  
2,4,6-Tribromophenol  
Concen: 125.522 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BF138491.D  
Acq: 09 Jul 2024 18:19

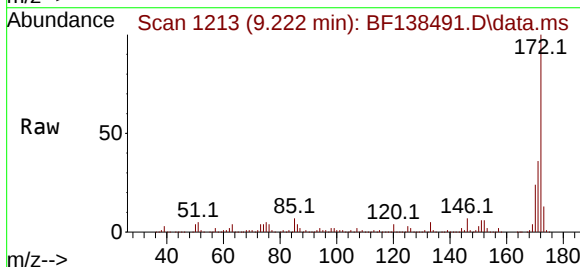
Instrument :  
BNA\_F  
ClientSampleId :  
PB161565TB



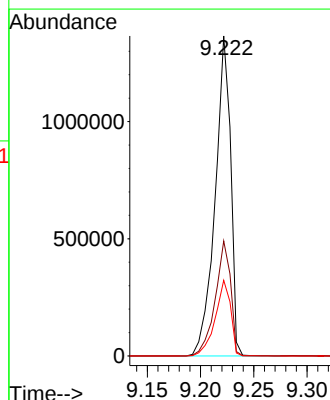
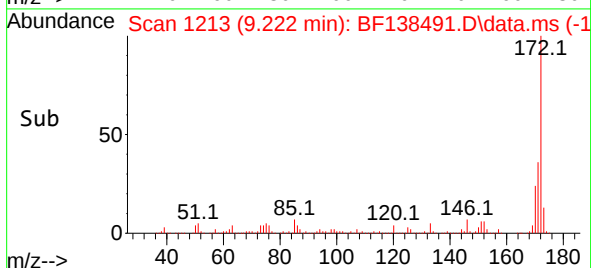
Tgt Ion: 330 Resp: 318570  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.8 115.2  
141 36.0 29.4 44.2

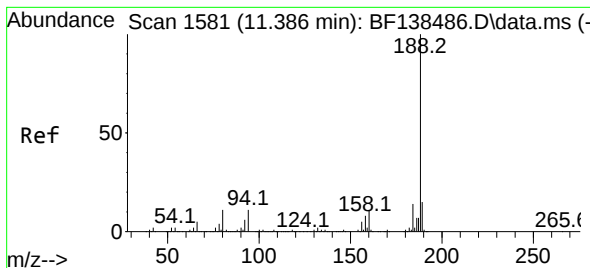


#45  
2-Fluorobiphenyl  
Concen: 79.532 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.006 min  
Lab File: BF138491.D  
Acq: 09 Jul 2024 18:19



Tgt Ion: 172 Resp: 1381879  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.9 43.3  
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138491.D

Acq: 09 Jul 2024 18:19

Instrument :

BNA\_F

ClientSampleId :

PB161565TB

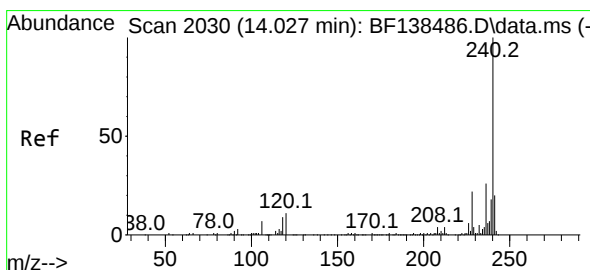
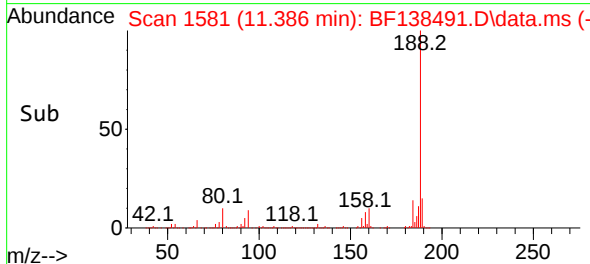
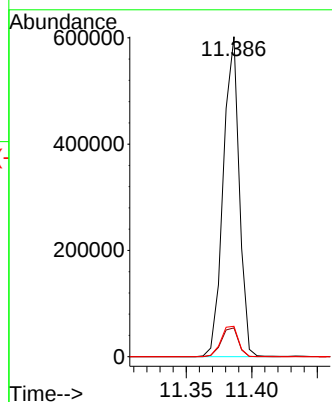
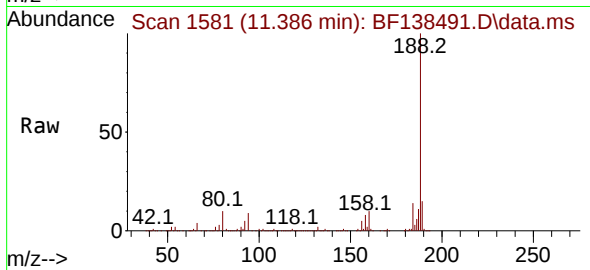
Tgt Ion:188 Resp: 509820

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

80 9.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138491.D

Acq: 09 Jul 2024 18:19

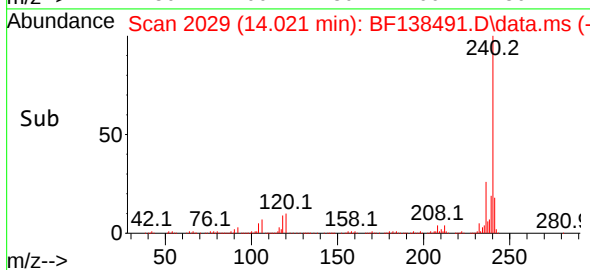
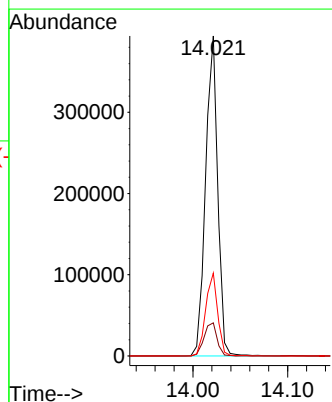
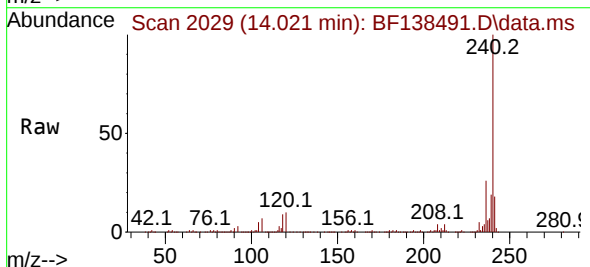
Tgt Ion:240 Resp: 348831

Ion Ratio Lower Upper

240 100

120 10.4 8.6 12.8

236 25.9 21.0 31.6

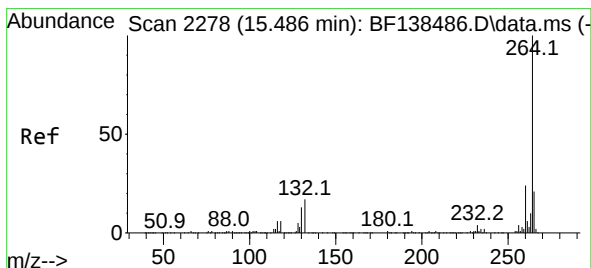
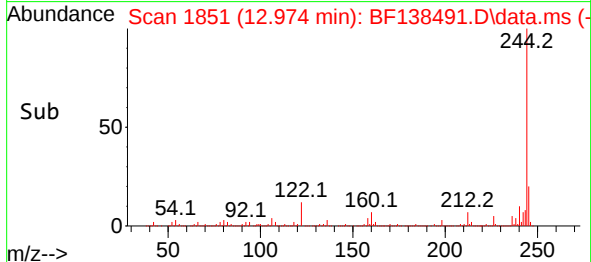
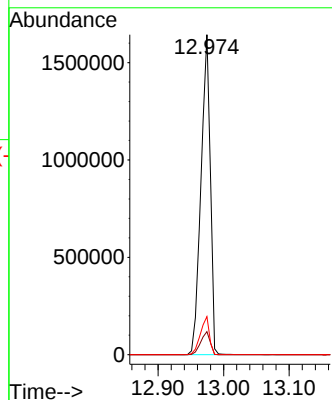
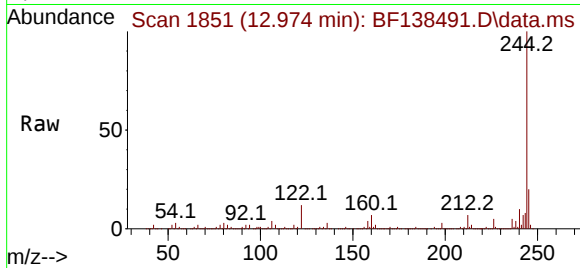




#79  
 Terphenyl-d14  
 Concen: 76.070 ng  
 RT: 12.974 min Scan# 1851  
 Delta R.T. 0.000 min  
 Lab File: BF138491.D  
 Acq: 09 Jul 2024 18:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB161565TB

Tgt Ion:244 Resp: 1628840  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.5 8.3  
 122 11.9 7.8 11.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.486 min Scan# 2278  
 Delta R.T. 0.000 min  
 Lab File: BF138491.D  
 Acq: 09 Jul 2024 18:19

Tgt Ion:264 Resp: 265457  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 19.0 28.6  
 265 21.8 17.0 25.4

