

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020625\  
 Data File : BF141486.D  
 Acq On : 06 Feb 2025 18:00  
 Operator : RC/JU  
 Sample : Q1309-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2

Quant Time: Feb 07 01:52:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.786  | 152  | 95350    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 381590   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 213909   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.310 | 188  | 378876   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.951 | 240  | 271024   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.415 | 264  | 208549   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.416  | 112  | 782630   | 128.680 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 989116   | 128.672 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 666032   | 91.038  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 299076   | 139.182 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1219350  | 87.822  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 1476848  | 91.991  | ng    | 0.00     |

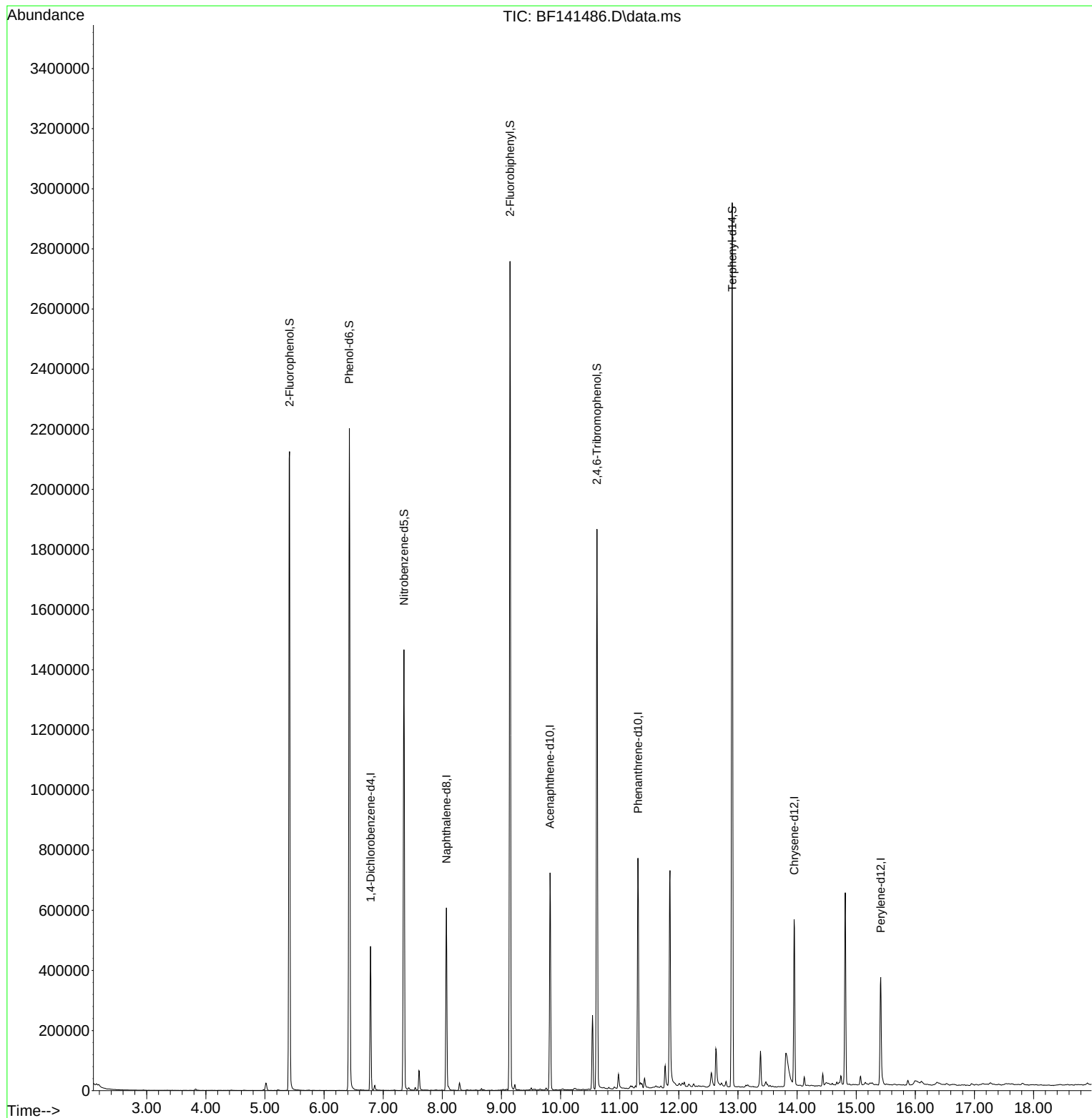
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

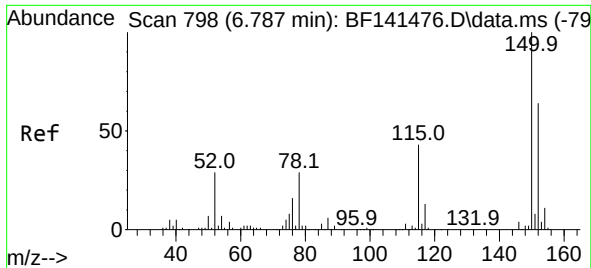
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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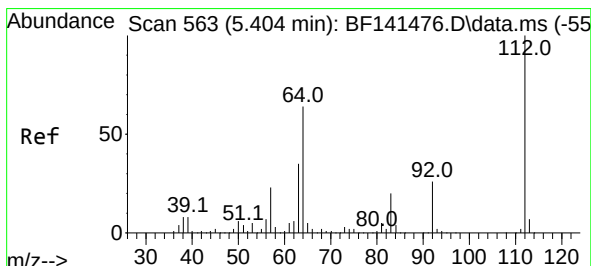
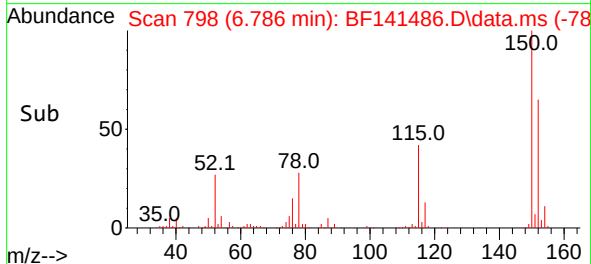
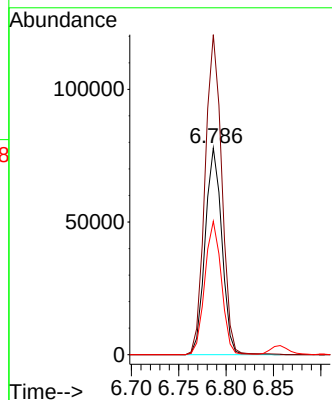
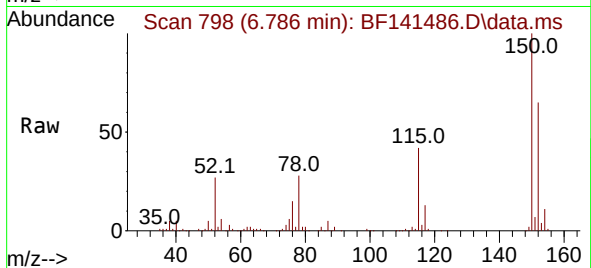




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.786 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BF141486.D  
Acq: 06 Feb 2025 18:00

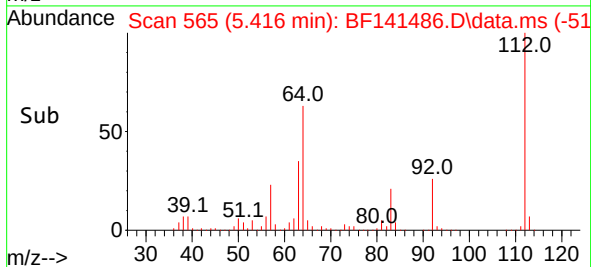
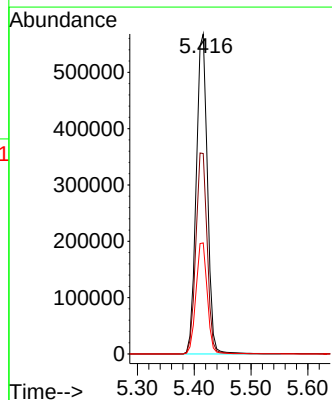
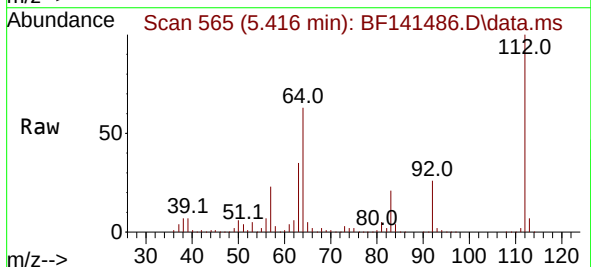
Instrument :  
BNA\_F  
ClientSampleId :  
WC-2

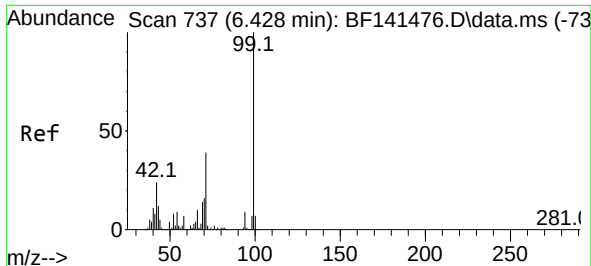
Tgt Ion:152 Resp: 95350  
Ion Ratio Lower Upper  
152 100  
150 154.8 125.0 187.4  
115 64.6 53.6 80.4



#5  
2-Fluorophenol  
Concen: 128.680 ng  
RT: 5.416 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: BF141486.D  
Acq: 06 Feb 2025 18:00

Tgt Ion:112 Resp: 782630  
Ion Ratio Lower Upper  
112 100  
64 62.7 51.1 76.7  
63 34.7 28.4 42.6





#7  
Phenol-d6  
Concen: 128.672 ng  
RT: 6.428 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF141486.D  
Acq: 06 Feb 2025 18:00

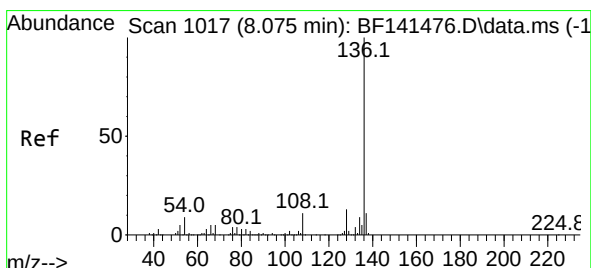
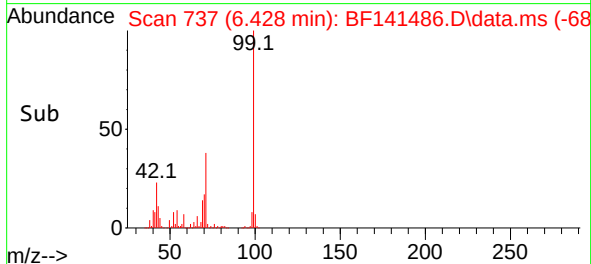
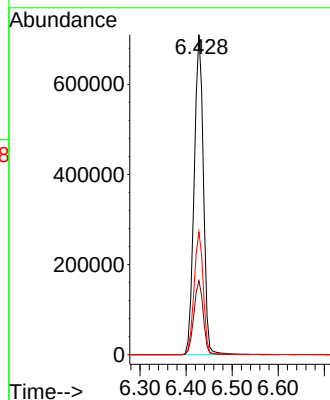
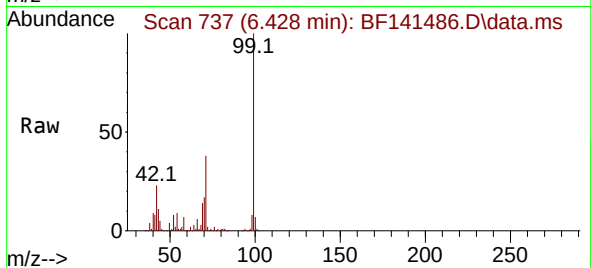
Instrument :

BNA\_F

ClientSampleId :

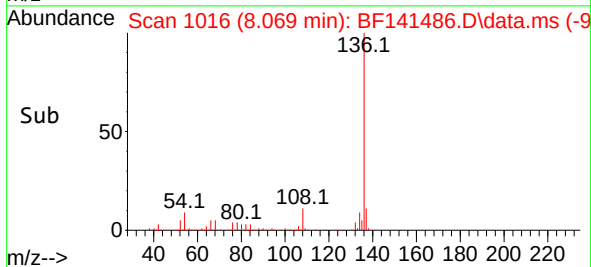
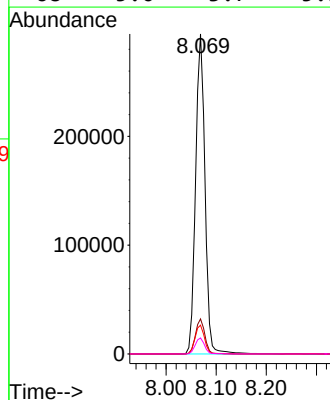
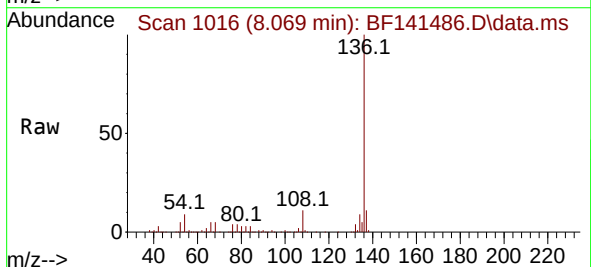
WC-2

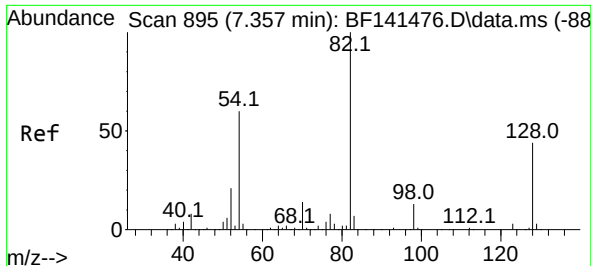
Tgt Ion: 99 Resp: 989116  
Ion Ratio Lower Upper  
99 100  
42 23.1 19.1 28.7  
71 38.4 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BF141486.D  
Acq: 06 Feb 2025 18:00

Tgt Ion: 136 Resp: 381590  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.0 7.2 10.8  
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 91.038 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141486.D

Acq: 06 Feb 2025 18:00

Instrument :

BNA\_F

ClientSampleId :

WC-2

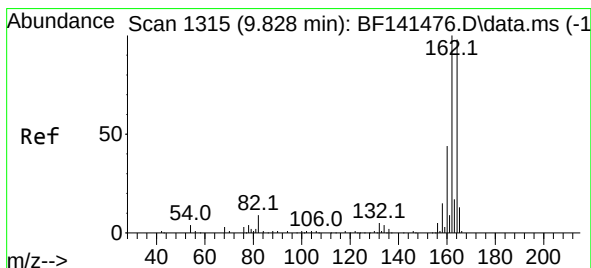
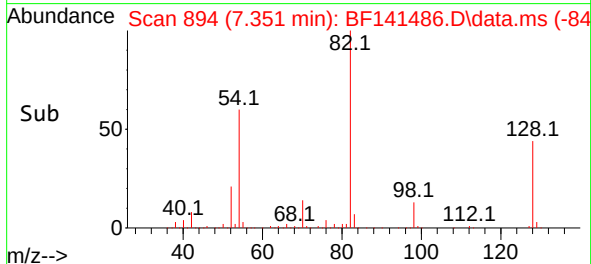
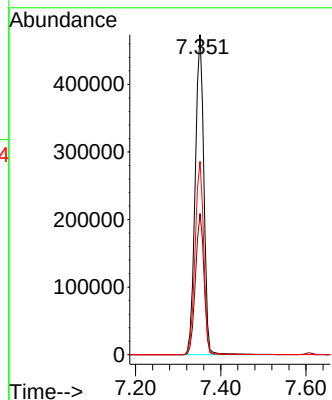
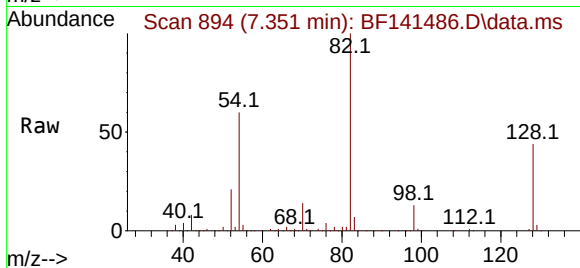
Tgt Ion: 82 Resp: 666032

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 60.4 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141486.D

Acq: 06 Feb 2025 18:00

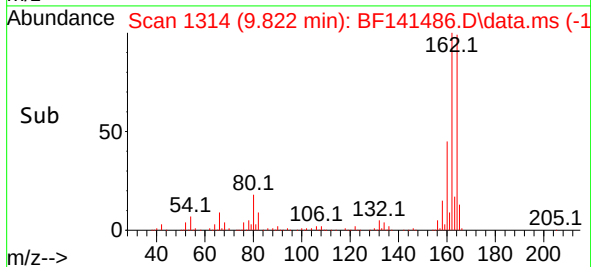
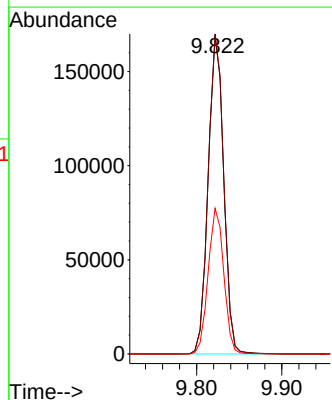
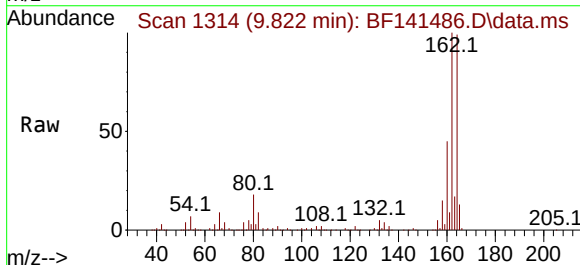
Tgt Ion:164 Resp: 213909

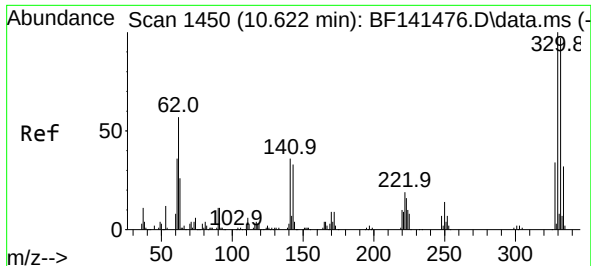
Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

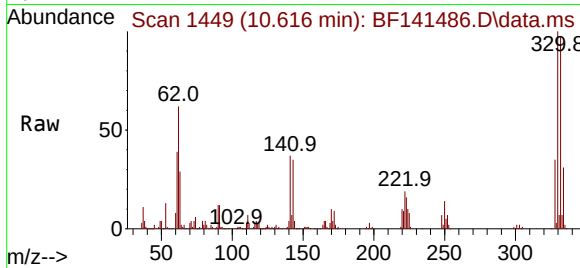
160 45.7 35.9 53.9



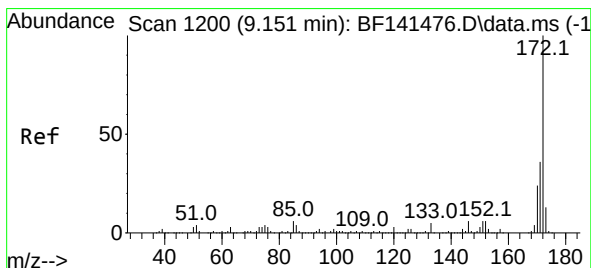
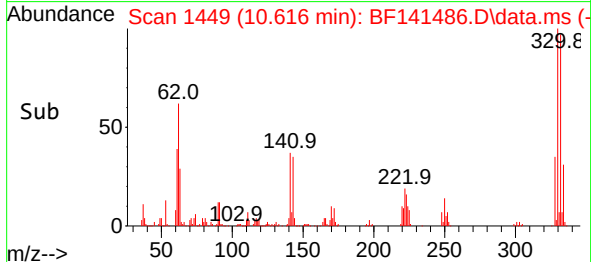
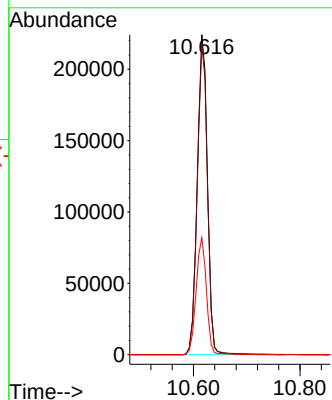


#42  
 2,4,6-Tribromophenol  
 Concen: 139.182 ng  
 RT: 10.616 min Scan# 1449  
 Delta R.T. -0.012 min  
 Lab File: BF141486.D  
 Acq: 06 Feb 2025 18:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-2

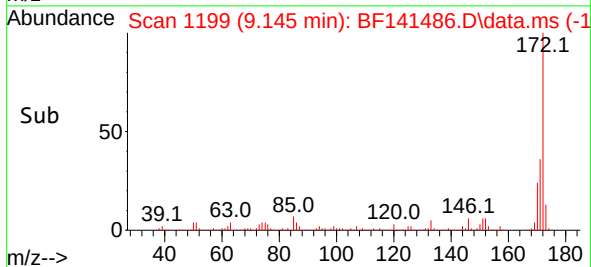
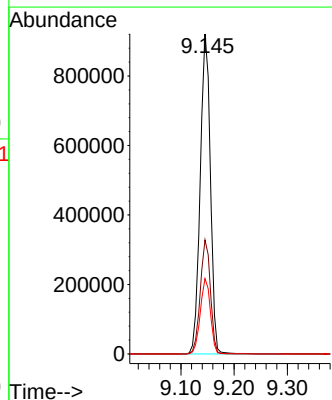
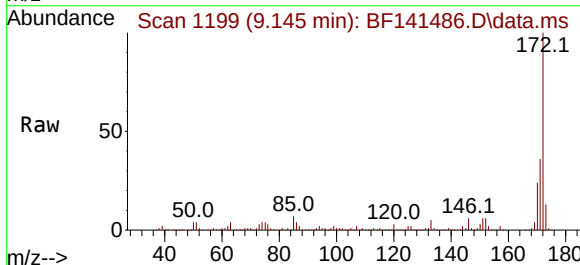


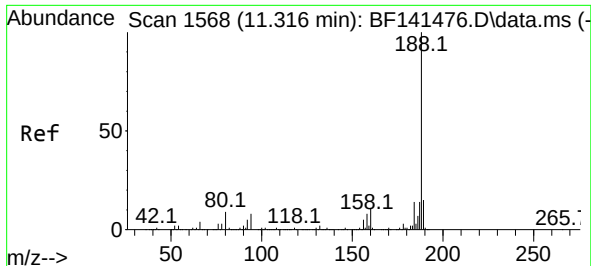
Tgt Ion: 330 Resp: 299076  
 Ion Ratio Lower Upper  
 330 100  
 332 97.2 78.5 117.7  
 141 37.0 31.0 46.4



#45  
 2-Fluorobiphenyl  
 Concen: 87.822 ng  
 RT: 9.145 min Scan# 1199  
 Delta R.T. -0.006 min  
 Lab File: BF141486.D  
 Acq: 06 Feb 2025 18:00

Tgt Ion: 172 Resp: 1219350  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.7 43.1  
 170 23.6 18.9 28.3

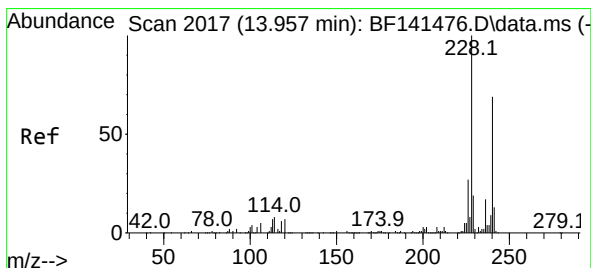
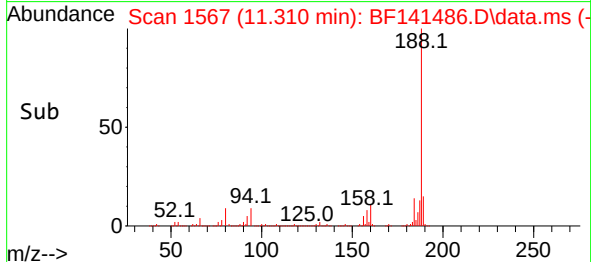
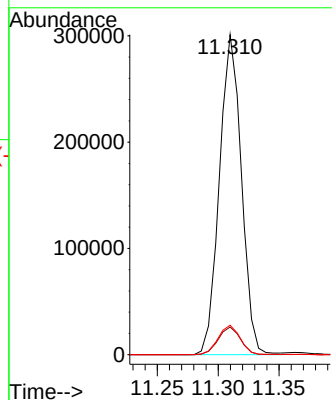
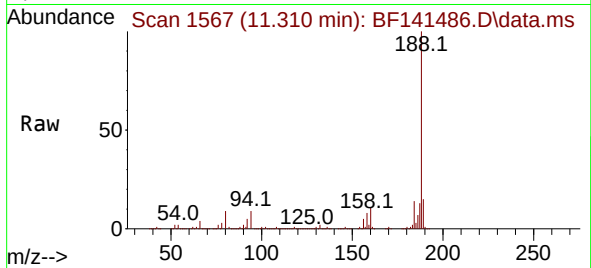




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF141486.D  
Acq: 06 Feb 2025 18:00

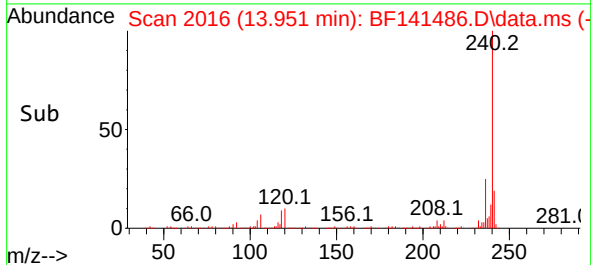
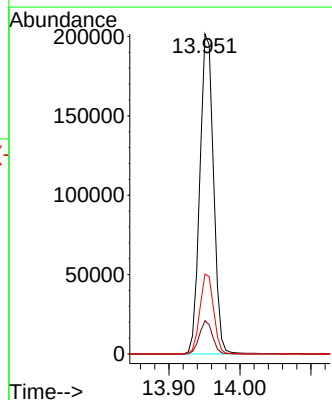
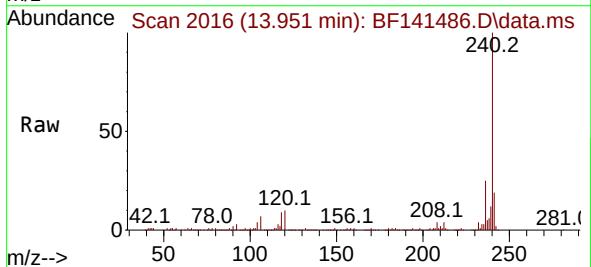
Instrument :  
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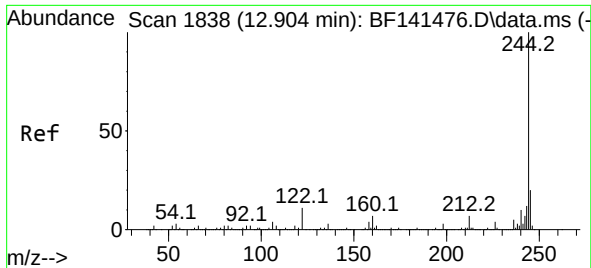
Tgt Ion:188 Resp: 378876  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.6 10.0  
80 9.2 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2016  
Delta R.T. -0.012 min  
Lab File: BF141486.D  
Acq: 06 Feb 2025 18:00

Tgt Ion:240 Resp: 271024  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.0 12.0  
236 25.0 19.8 29.8

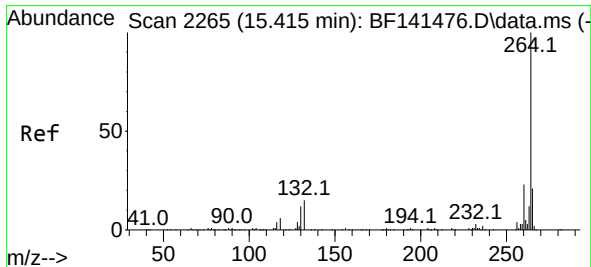
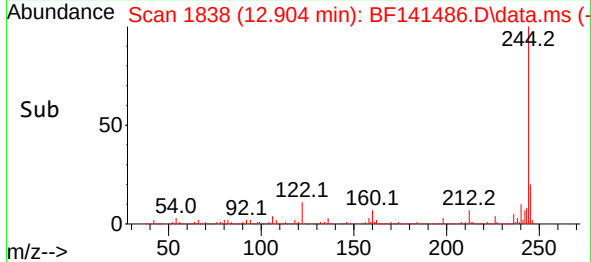
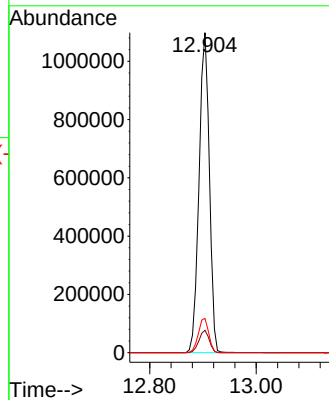
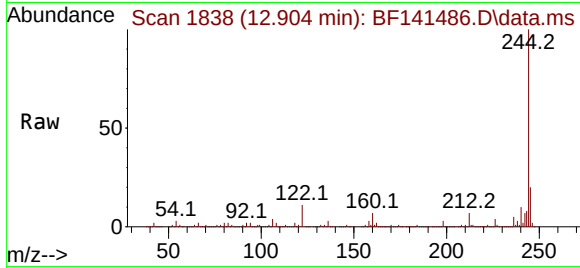




#79  
 Terphenyl-d14  
 Concen: 91.991 ng  
 RT: 12.904 min Scan# 1838  
 Delta R.T. 0.000 min  
 Lab File: BF141486.D  
 Acq: 06 Feb 2025 18:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1476848  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 10.7 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.415 min Scan# 2265  
 Delta R.T. 0.000 min  
 Lab File: BF141486.D  
 Acq: 06 Feb 2025 18:00

Tgt Ion:264 Resp: 208549  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 28.0  
 265 21.5 17.0 25.4

