

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF103124\  
 Data File : BF140197.D  
 Acq On : 31 Oct 2024 18:47  
 Operator : RC/JU  
 Sample : P4643-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-9

Quant Time: Nov 01 01:15:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 18 15:07:50 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 119984   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 458206   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.922  | 164  | 231583   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 353001   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.069 | 240  | 215062   | 20.000 | ng    | 0.02     |
| 86) Perylene-d12            | 15.568 | 264  | 166333   | 20.000 | ng    | 0.04     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 603374   | 78.725 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 793130   | 79.900 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 516434   | 62.467 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 172260   | 79.523 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 854065   | 60.951 | ng    | -0.01    |
| 79) Terphenyl-d14           | 13.010 | 244  | 706701   | 53.545 | ng    | 0.01     |

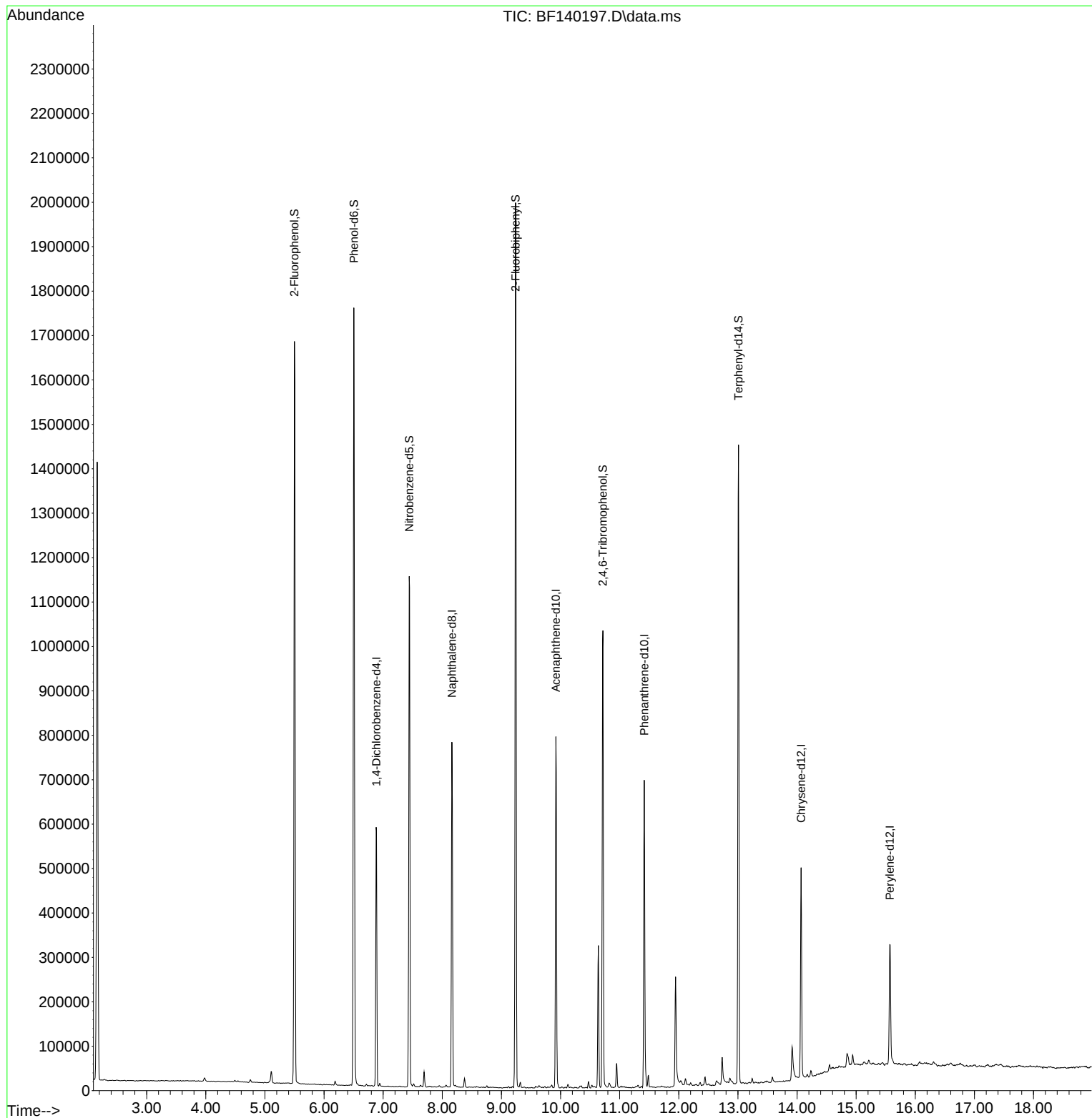
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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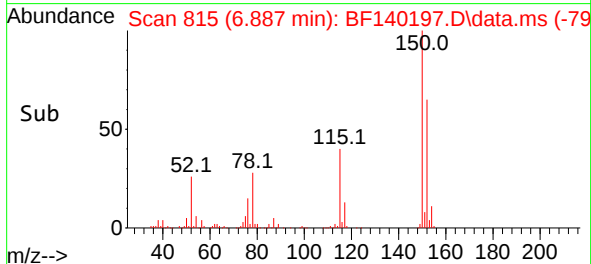
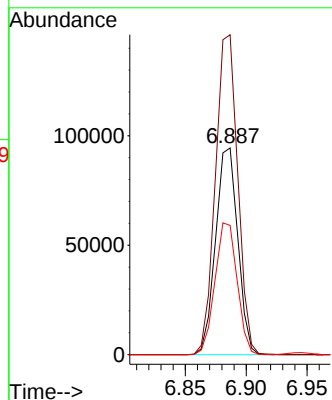
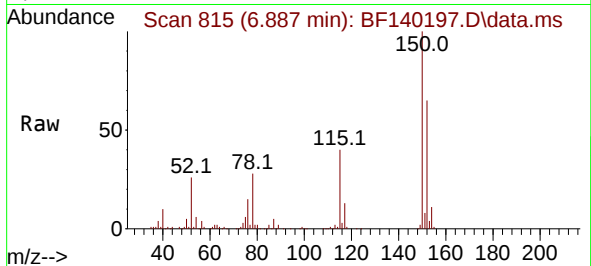




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

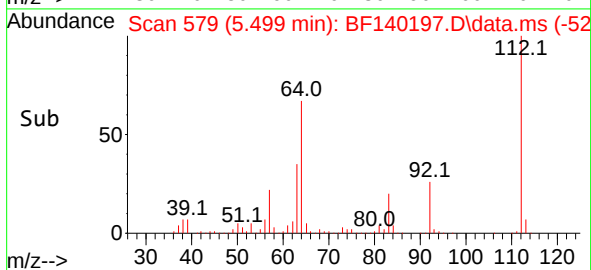
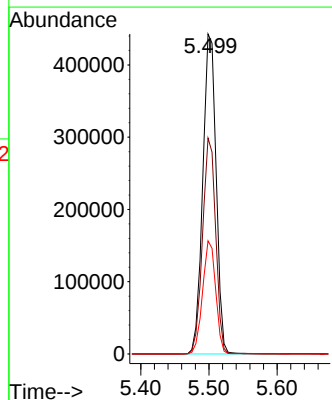
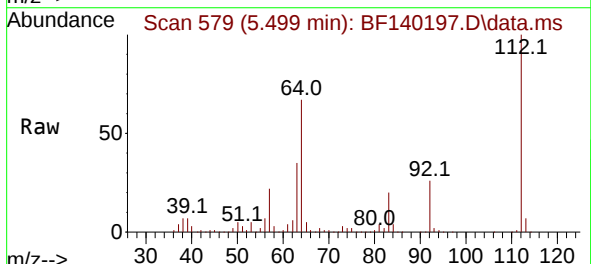
Instrument :  
BNA\_F  
ClientSampleId :  
TP-9

Tgt Ion:152 Resp: 119984  
Ion Ratio Lower Upper  
152 100  
150 154.8 130.2 195.2  
115 62.5 51.4 77.2



#5  
2-Fluorophenol  
Concen: 78.725 ng  
RT: 5.499 min Scan# 579  
Delta R.T. 0.000 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

Tgt Ion:112 Resp: 603374  
Ion Ratio Lower Upper  
112 100  
64 67.5 53.0 79.6  
63 35.4 27.0 40.4





#7  
Phenol-d6  
Concen: 79.900 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

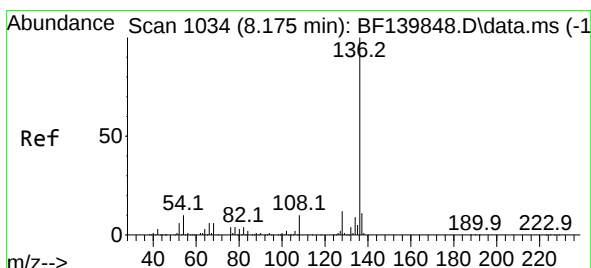
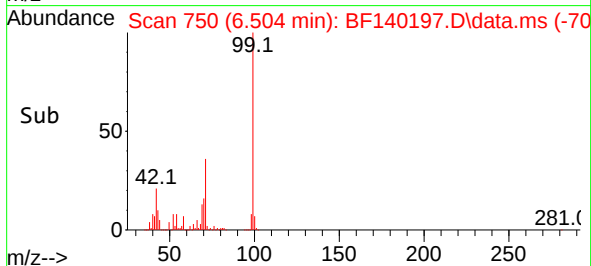
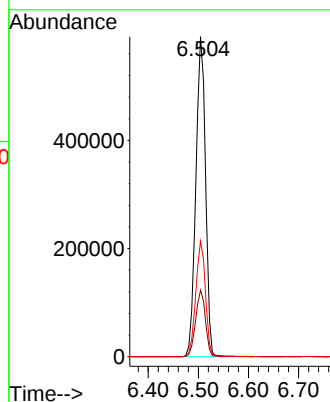
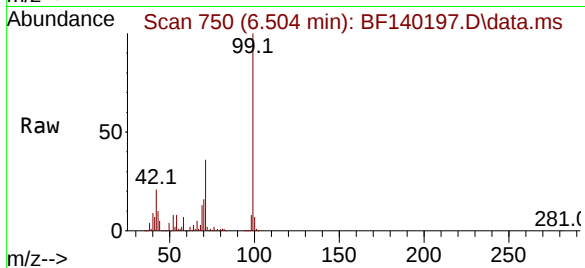
Instrument :

BNA\_F

ClientSampleId :

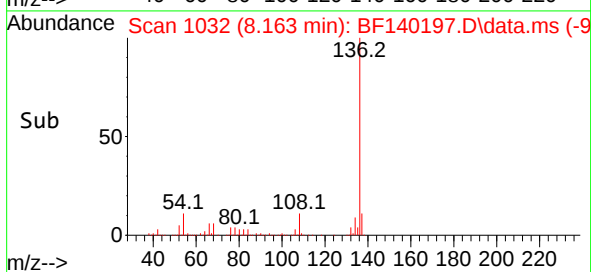
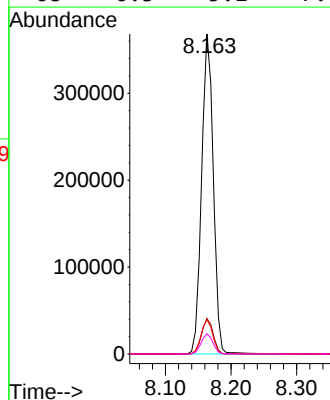
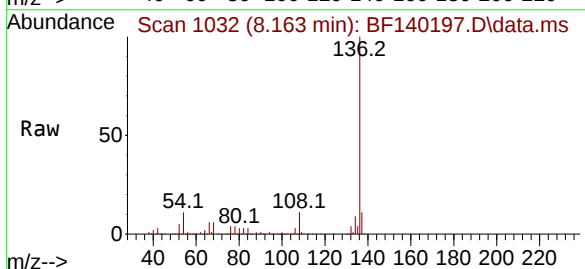
TP-9

Tgt Ion: 99 Resp: 793130  
Ion Ratio Lower Upper  
99 100  
42 20.8 16.7 25.1  
71 36.0 27.7 41.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1032  
Delta R.T. -0.012 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

Tgt Ion: 136 Resp: 458206  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 12.8  
54 10.8 8.4 12.6  
68 6.3 5.1 7.7

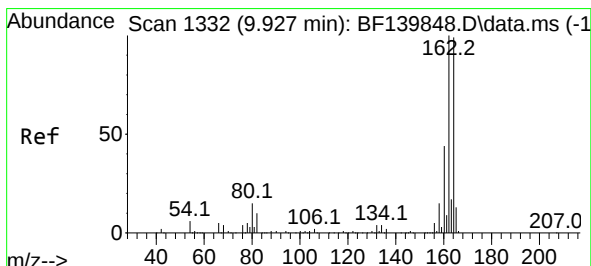
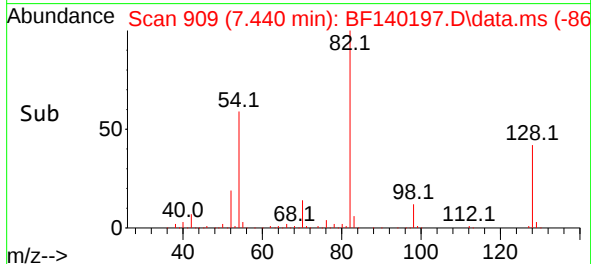
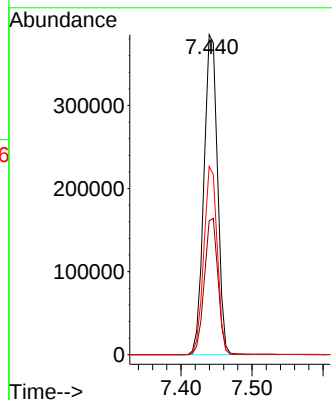
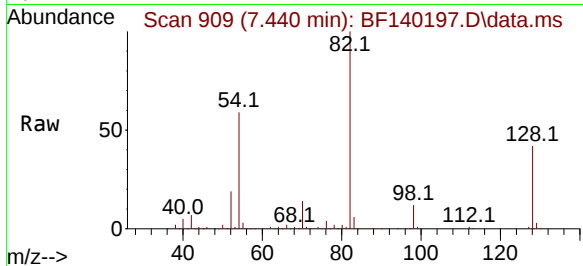




#23  
Nitrobenzene-d5  
Concen: 62.467 ng  
RT: 7.440 min Scan# 909  
Delta R.T. -0.012 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

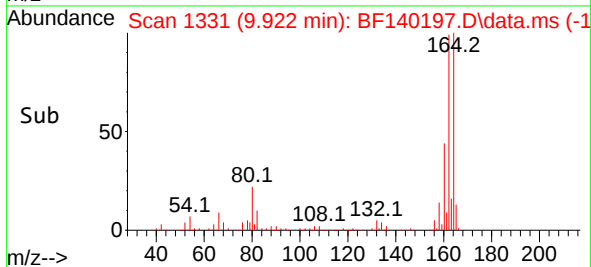
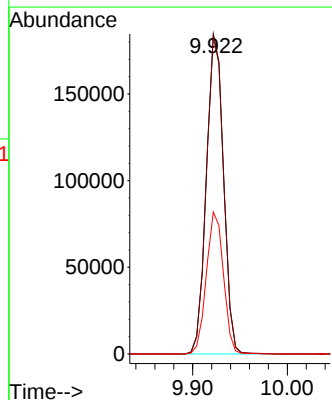
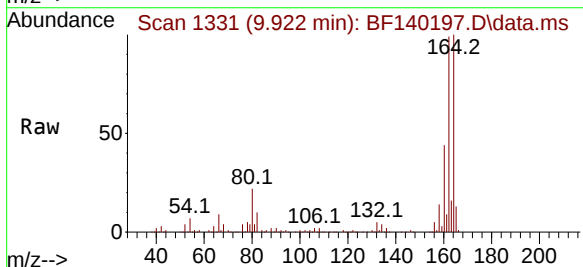
Instrument :  
BNA\_F  
ClientSampleId :  
TP-9

Tgt Ion: 82 Resp: 516434  
Ion Ratio Lower Upper  
82 100  
128 41.9 33.4 50.0  
54 58.8 47.8 71.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.005 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

Tgt Ion:164 Resp: 231583  
Ion Ratio Lower Upper  
164 100  
162 99.4 81.0 121.4  
160 44.4 35.4 53.0

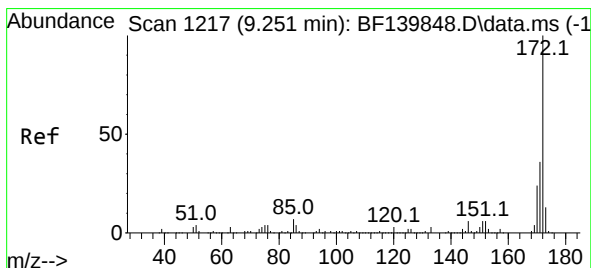
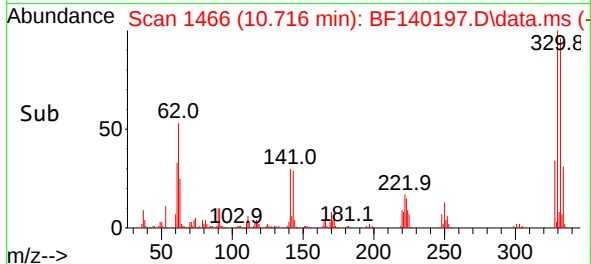
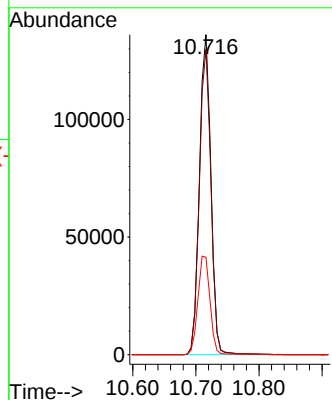
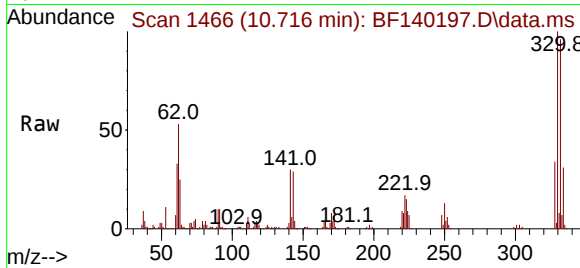




#42  
 2,4,6-Tribromophenol  
 Concen: 79.523 ng  
 RT: 10.716 min Scan# 1466  
 Delta R.T. 0.000 min  
 Lab File: BF140197.D  
 Acq: 31 Oct 2024 18:47

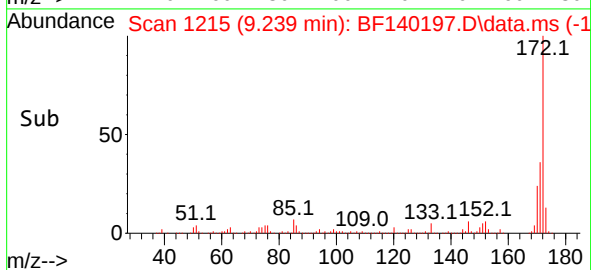
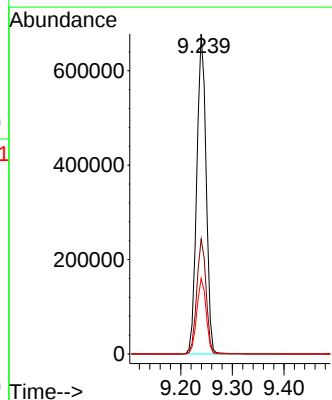
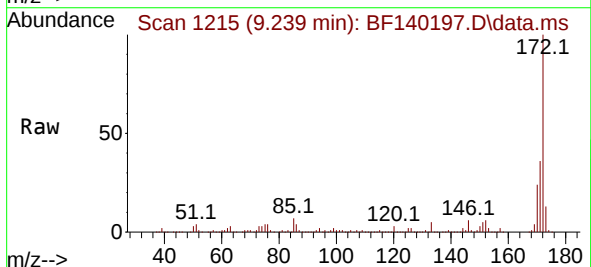
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-9

Tgt Ion: 330 Resp: 172260  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 78.1 117.1  
 141 32.6 26.6 39.8



#45  
 2-Fluorobiphenyl  
 Concen: 60.951 ng  
 RT: 9.239 min Scan# 1215  
 Delta R.T. -0.012 min  
 Lab File: BF140197.D  
 Acq: 31 Oct 2024 18:47

Tgt Ion: 172 Resp: 854065  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.6 43.0  
 170 23.5 19.1 28.7

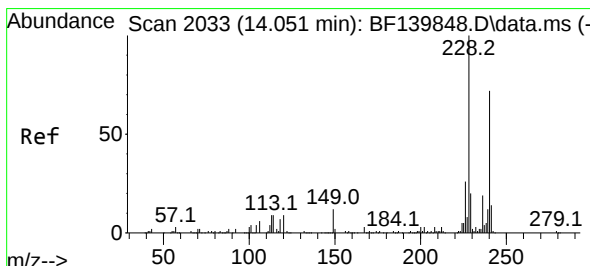
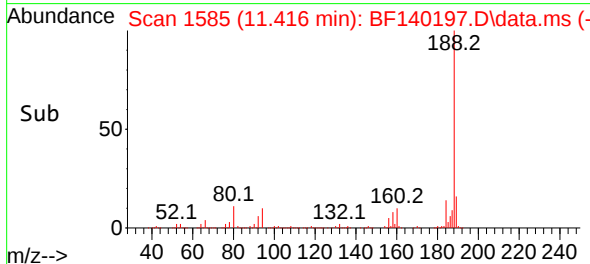
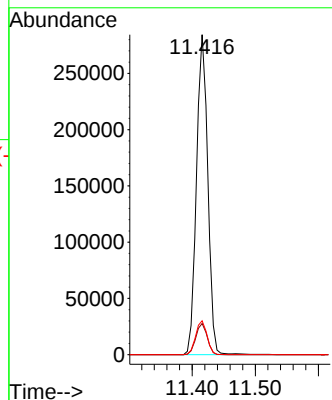
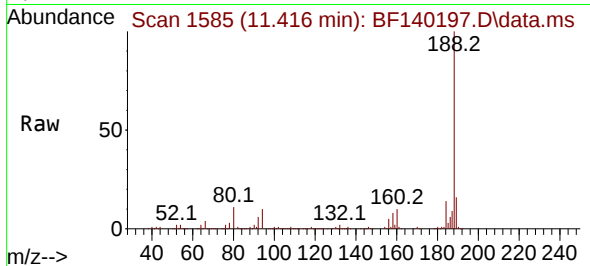




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

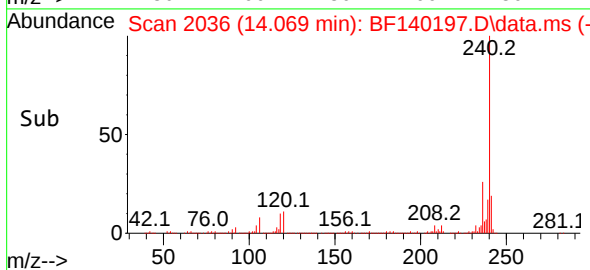
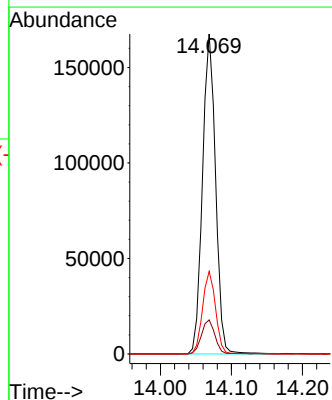
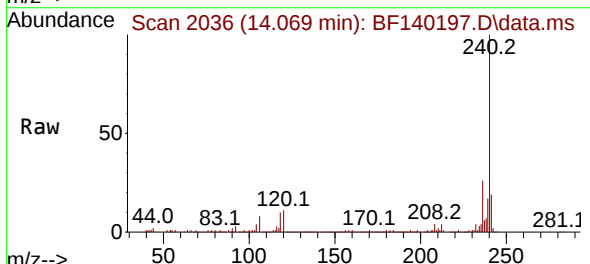
Instrument :  
BNA\_F  
ClientSampleId :  
TP-9

Tgt Ion:188 Resp: 353001  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.9 11.9  
80 10.6 9.0 13.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.069 min Scan# 2036  
Delta R.T. 0.018 min  
Lab File: BF140197.D  
Acq: 31 Oct 2024 18:47

Tgt Ion:240 Resp: 215062  
Ion Ratio Lower Upper  
240 100  
120 10.6 9.4 14.2  
236 25.8 20.9 31.3

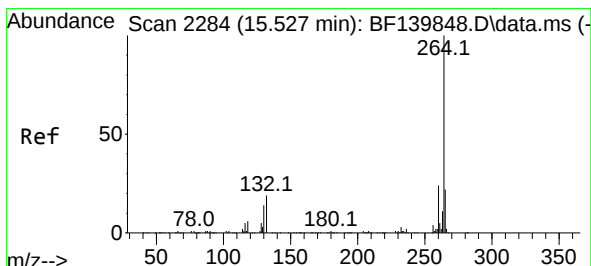
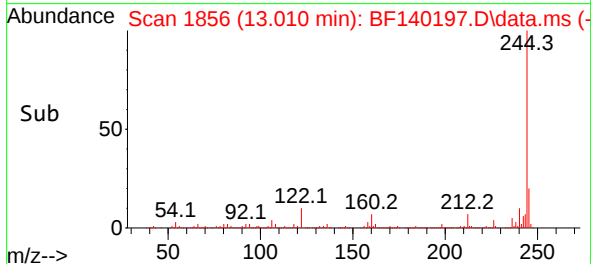
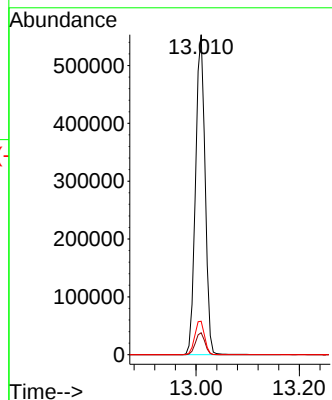
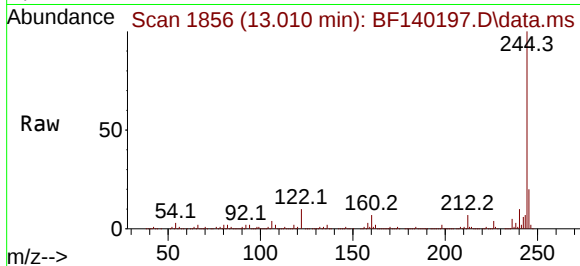




#79  
 Terphenyl-d14  
 Concen: 53.545 ng  
 RT: 13.010 min Scan# 1  
 Delta R.T. 0.012 min  
 Lab File: BF140197.D  
 Acq: 31 Oct 2024 18:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-9

Tgt Ion:244 Resp: 706701  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 10.4 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.568 min Scan# 2291  
 Delta R.T. 0.041 min  
 Lab File: BF140197.D  
 Acq: 31 Oct 2024 18:47

Tgt Ion:264 Resp: 166333  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.4 29.2  
 265 21.5 17.4 26.0

