

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101923\  
 Data File : BF135891.D  
 Acq On : 19 Oct 2023 17:40  
 Operator : CG\JU  
 Sample : 04908-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Quant Time: Oct 19 17:59:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 17 01:22:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.734  | 152  | 54682    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.016  | 136  | 206818   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.769  | 164  | 104778   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.269 | 188  | 194406   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.933 | 240  | 109802   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 15.410 | 264  | 120799   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 333283   | 97.991  | ng    | 0.00     |
| 7) Phenol-d6                | 6.393  | 99   | 422800   | 99.630  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 262363   | 69.770  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 115359   | 114.736 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.092  | 172  | 504968   | 75.352  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.863 | 244  | 469674   | 79.215  | ng    | -0.02    |

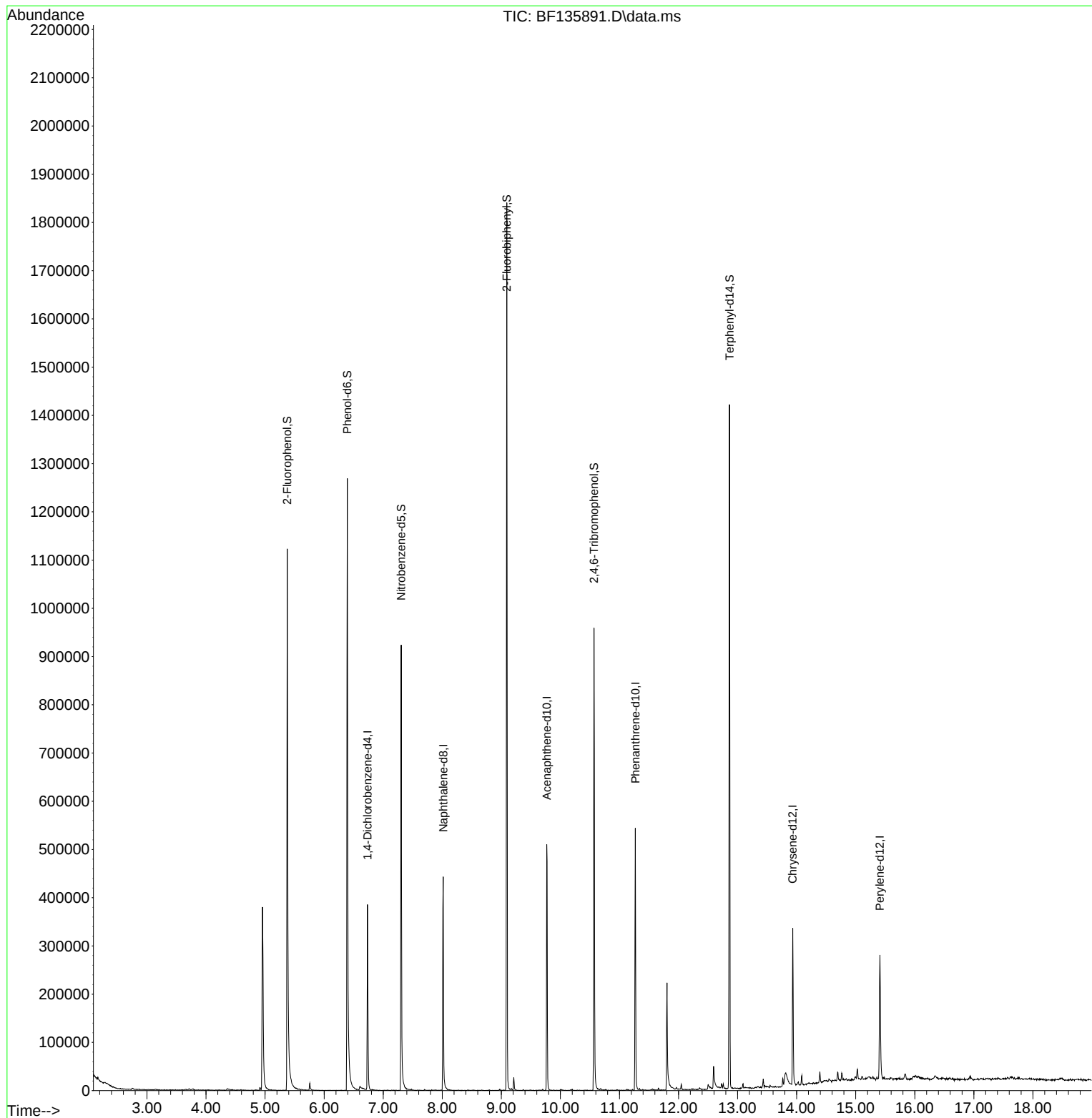
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

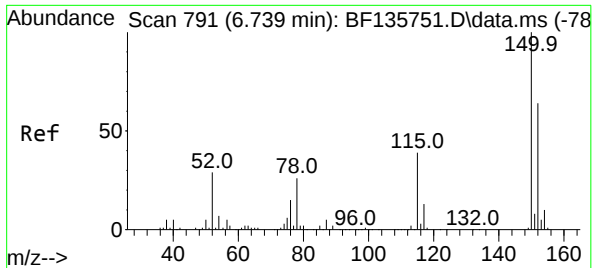
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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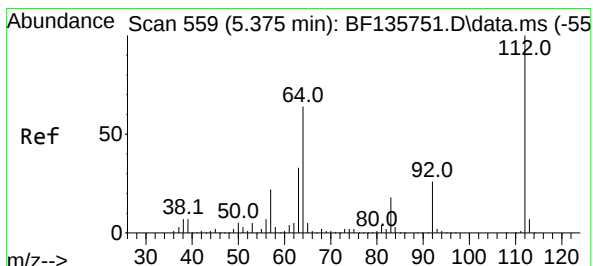
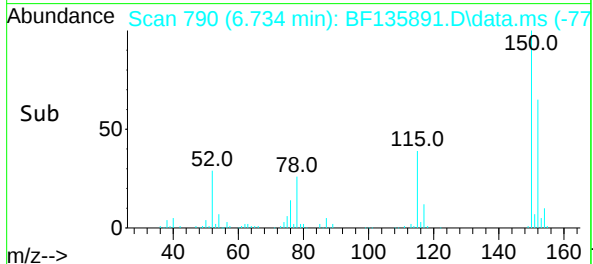
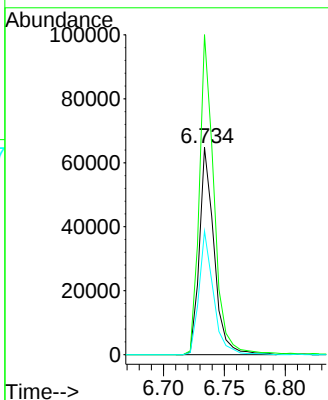
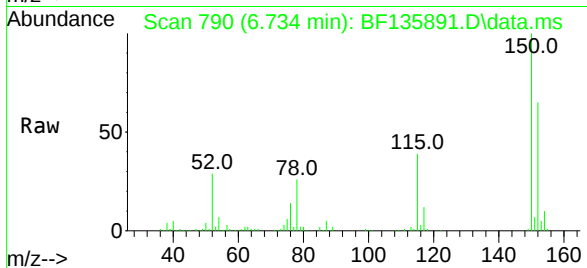




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.734 min Scan# 791  
Delta R.T. -0.012 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

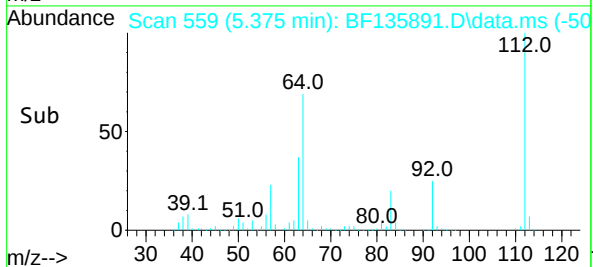
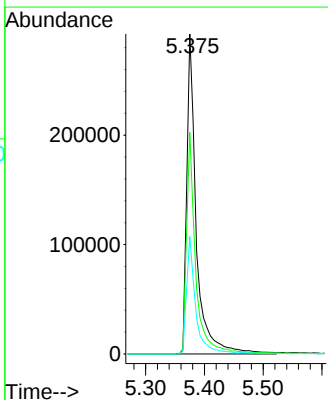
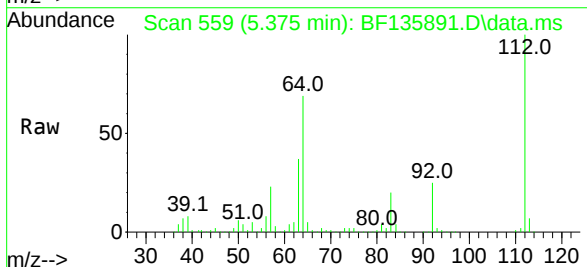
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

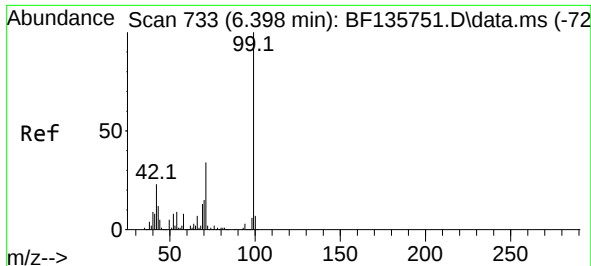
Tgt Ion:152 Resp: 54682  
Ion Ratio Lower Upper  
152 100  
150 154.4 124.5 186.7  
115 59.6 49.0 73.4



#5  
2-Fluorophenol  
Concen: 97.991 ng  
RT: 5.375 min Scan# 559  
Delta R.T. -0.000 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

Tgt Ion:112 Resp: 333283  
Ion Ratio Lower Upper  
112 100  
64 69.2 51.2 76.8  
63 36.7 26.1 39.1

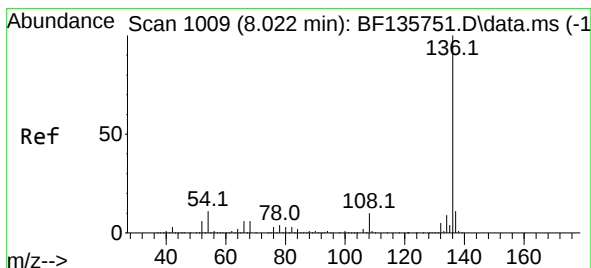
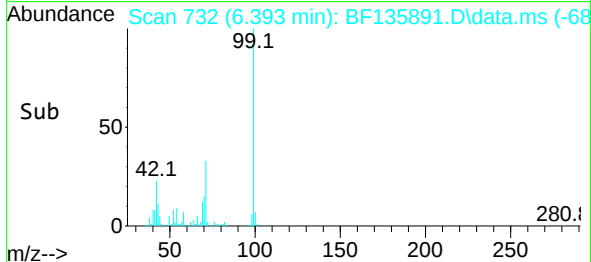
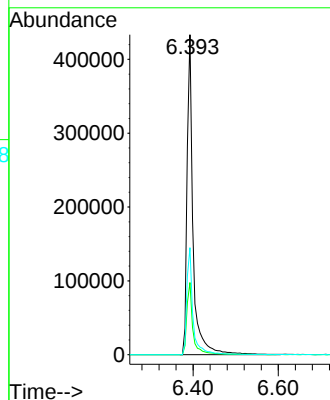
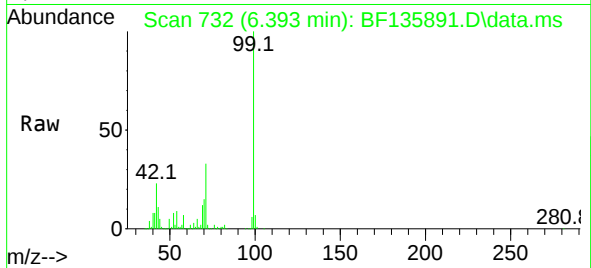




#7  
Phenol-d6  
Concen: 99.630 ng  
RT: 6.393 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

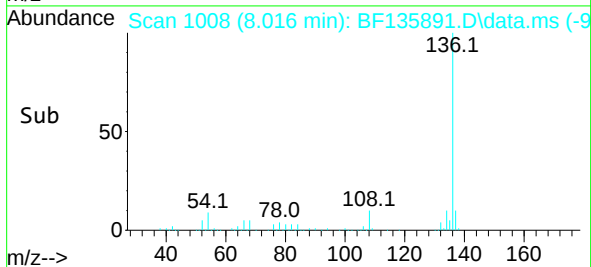
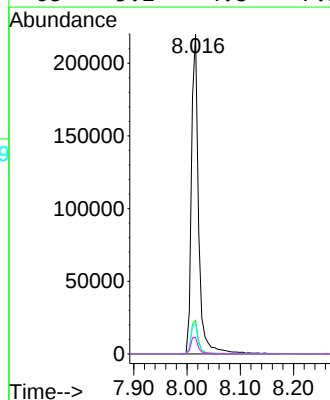
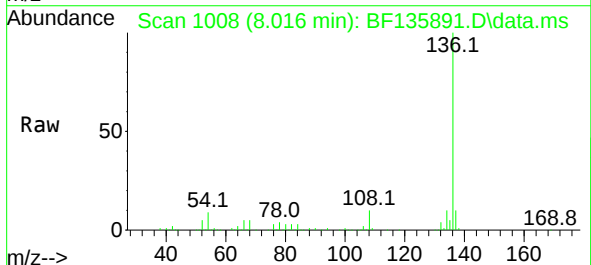
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

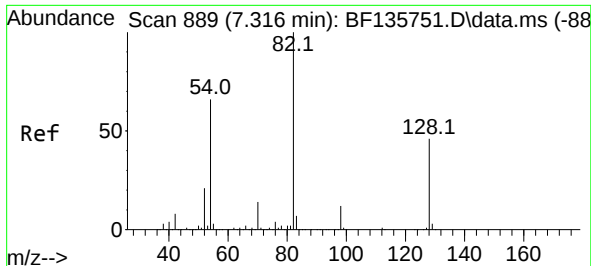
Tgt Ion: 99 Resp: 422800  
Ion Ratio Lower Upper  
99 100  
42 22.5 18.4 27.6  
71 33.4 27.2 40.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

Tgt Ion: 136 Resp: 206818  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 12.8  
54 9.5 8.5 12.7  
68 5.2 4.8 7.2

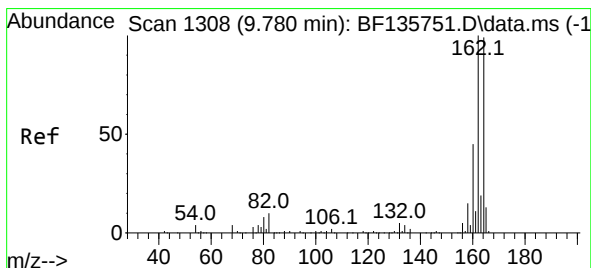
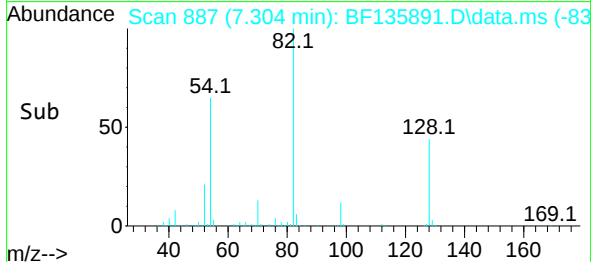
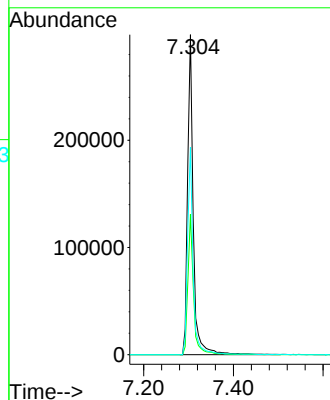
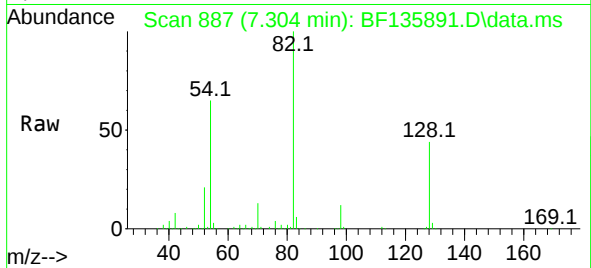




#23  
Nitrobenzene-d5  
Concen: 69.770 ng  
RT: 7.304 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

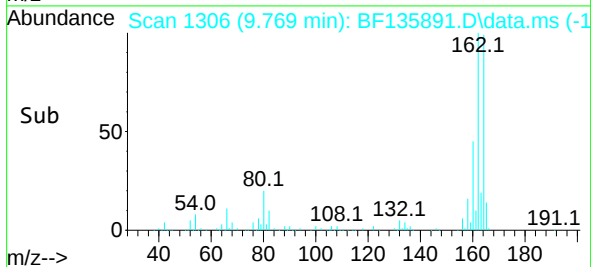
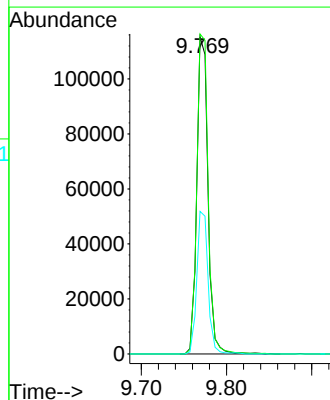
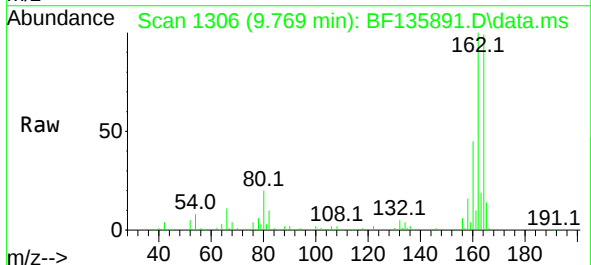
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

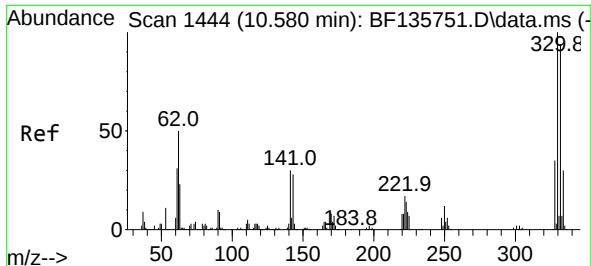
Tgt Ion: 82 Resp: 262363  
Ion Ratio Lower Upper  
82 100  
128 43.9 37.0 55.6  
54 64.8 52.8 79.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.769 min Scan# 1306  
Delta R.T. -0.018 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

Tgt Ion: 164 Resp: 104778  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.8 121.2  
160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 114.736 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.018 min

Lab File: BF135891.D

Acq: 19 Oct 2023 17:40

Instrument :

BNA\_F

ClientSampleId :

TP-2

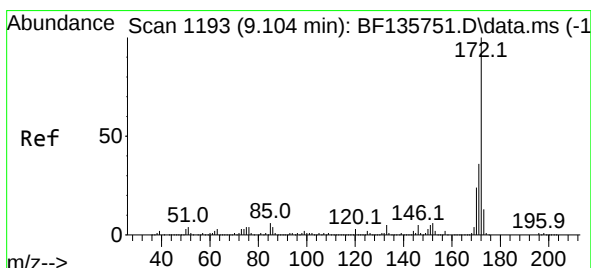
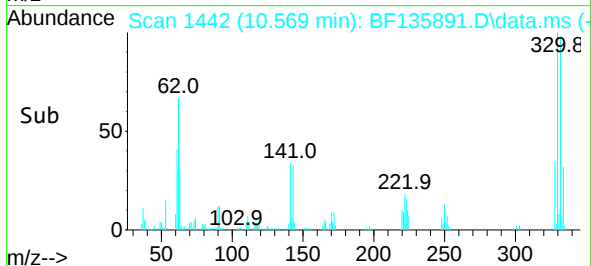
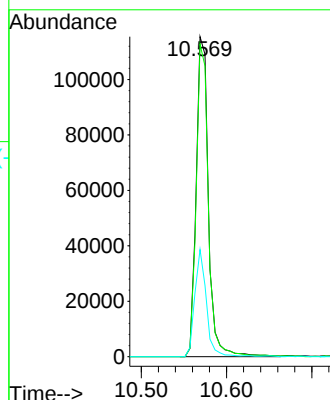
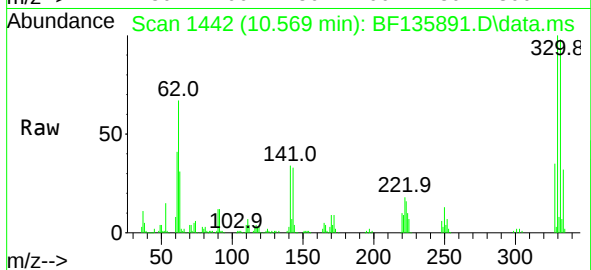
Tgt Ion:330 Resp: 115359

Ion Ratio Lower Upper

330 100

332 96.8 75.0 112.4

141 31.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 75.352 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135891.D

Acq: 19 Oct 2023 17:40

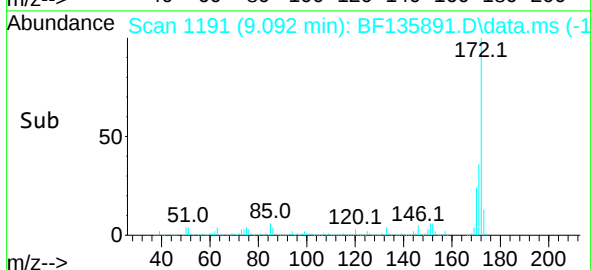
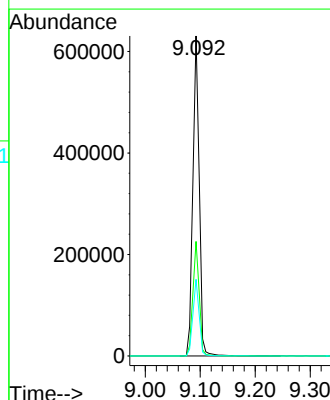
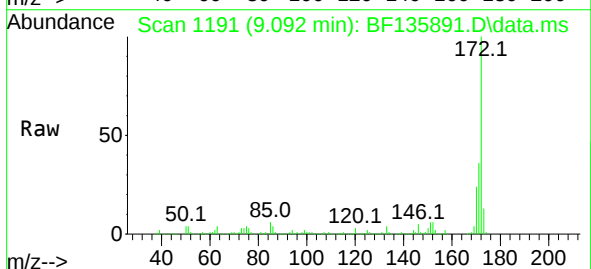
Tgt Ion:172 Resp: 504968

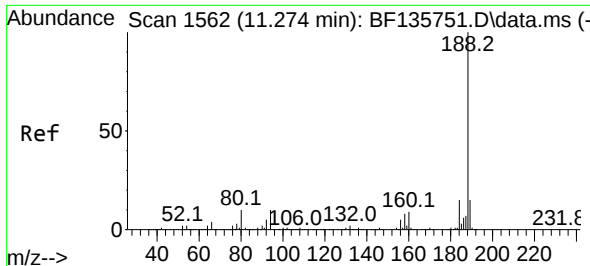
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.0 18.8 28.2

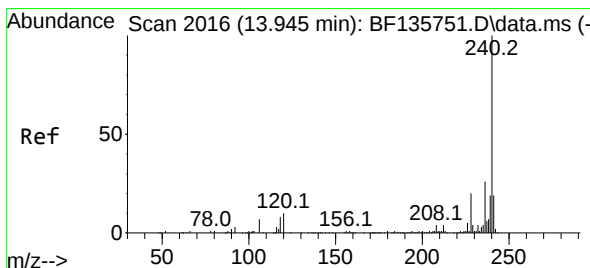
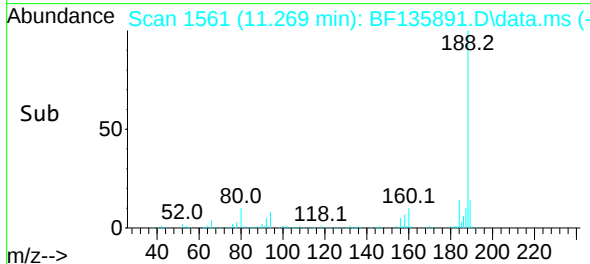
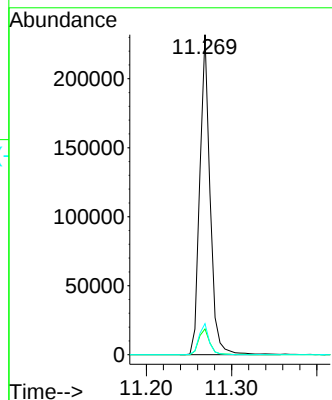
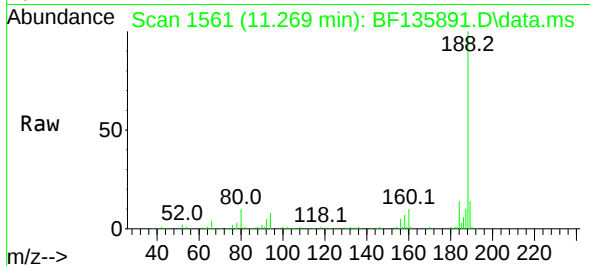




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.269 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

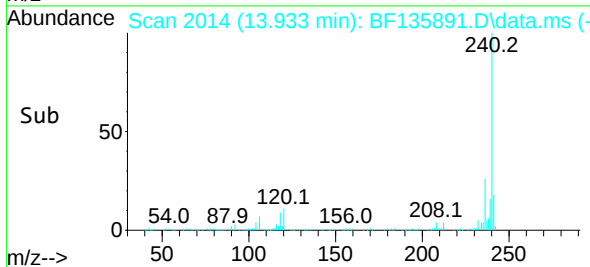
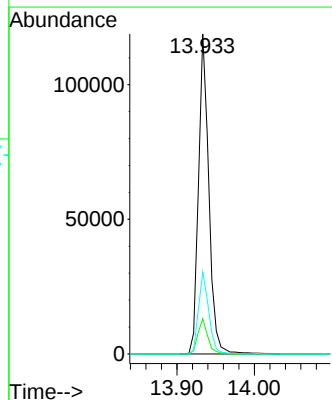
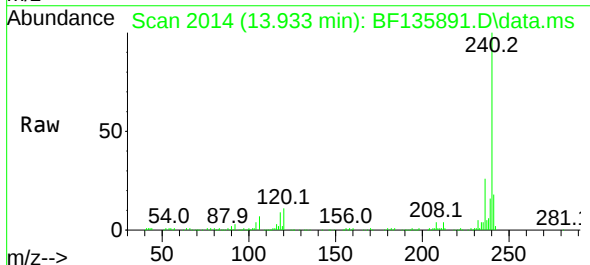
Instrument :  
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TP-2

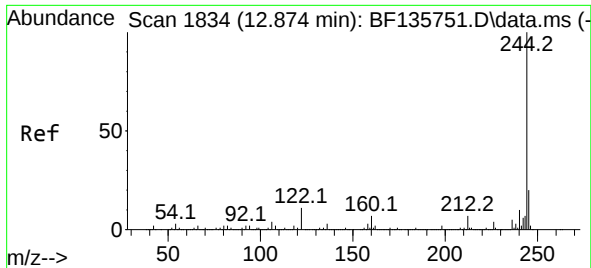
Tgt Ion:188 Resp: 194406  
Ion Ratio Lower Upper  
188 100  
94 8.0 8.0 12.0  
80 9.7 8.3 12.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.933 min Scan# 2014  
Delta R.T. -0.018 min  
Lab File: BF135891.D  
Acq: 19 Oct 2023 17:40

Tgt Ion:240 Resp: 109802  
Ion Ratio Lower Upper  
240 100  
120 11.0 8.2 12.2  
236 25.6 21.2 31.8

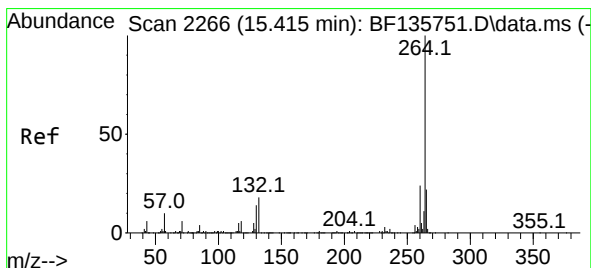
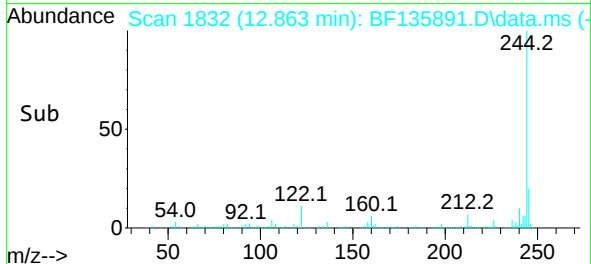
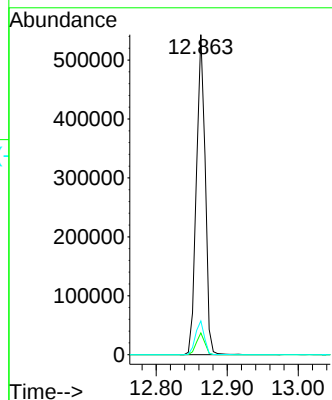
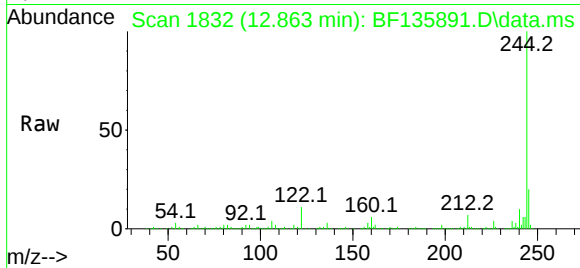




#79  
 Terphenyl-d14  
 Concen: 79.215 ng  
 RT: 12.863 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF135891.D  
 Acq: 19 Oct 2023 17:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Tgt Ion:244 Resp: 469674  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 10.6 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.410 min Scan# 2265  
 Delta R.T. -0.012 min  
 Lab File: BF135891.D  
 Acq: 19 Oct 2023 17:40

Tgt Ion:264 Resp: 120799  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.2 28.8  
 265 21.4 17.4 26.2

