

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050622\  
 Data File : BF128130.D  
 Acq On : 06 May 2022 18:01  
 Operator : CG\JU  
 Sample : N2712-13  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GROUND-WATER

Quant Time: May 06 23:25:40 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 17:56:23 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.904  | 152  | 72747    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.187  | 136  | 285292   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.945  | 164  | 164643   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.433 | 188  | 314995   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.080 | 240  | 240826   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.580 | 264  | 170250   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 238292   | 52.174  | ng    | -0.01    |
| 7) Phenol-d6                | 6.528  | 99   | 203693   | 34.371  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.469  | 82   | 433717   | 71.489  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.739 | 330  | 183754   | 110.868 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 707628   | 72.710  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 785876   | 59.671  | ng    | -0.01    |

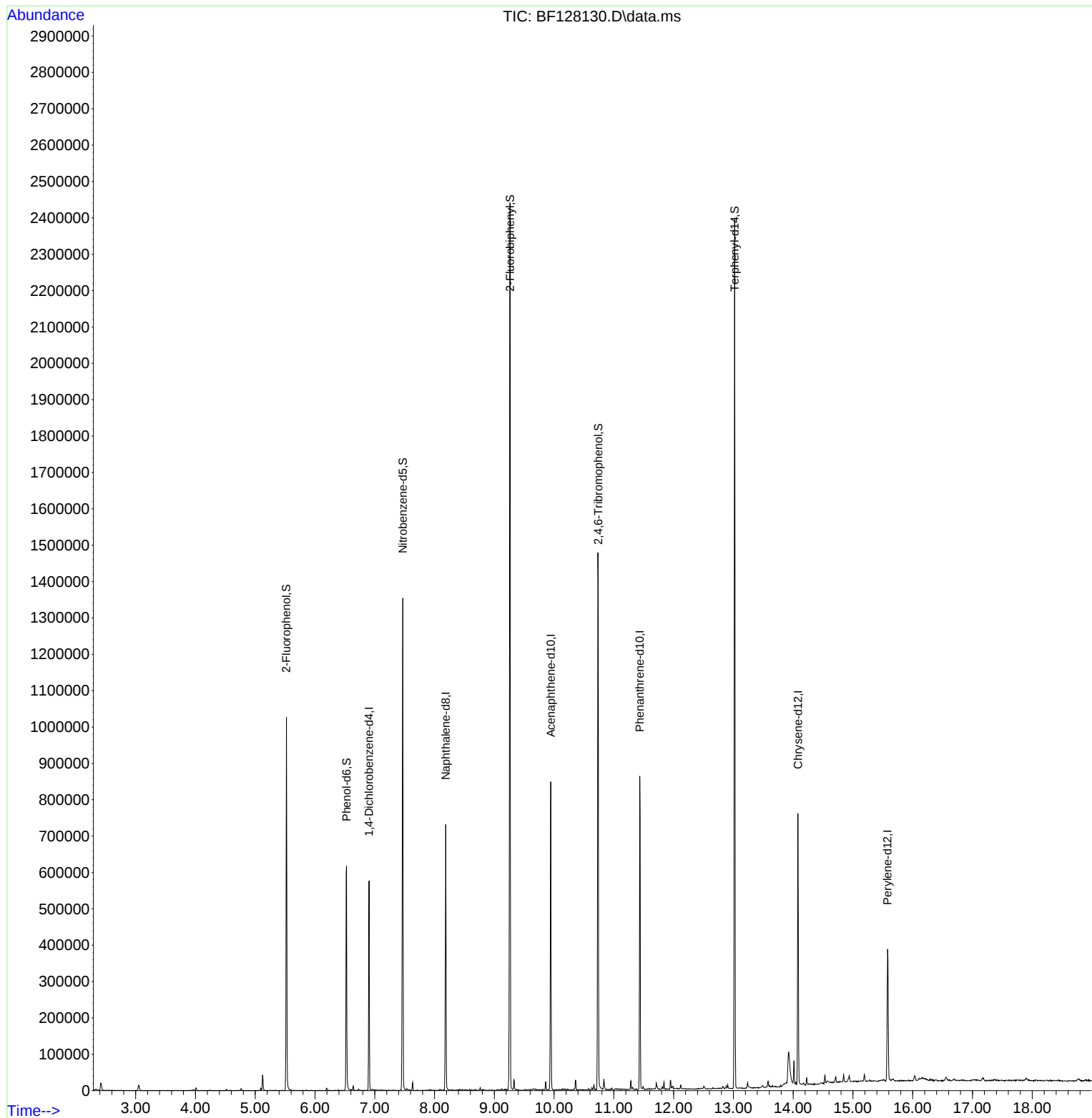
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

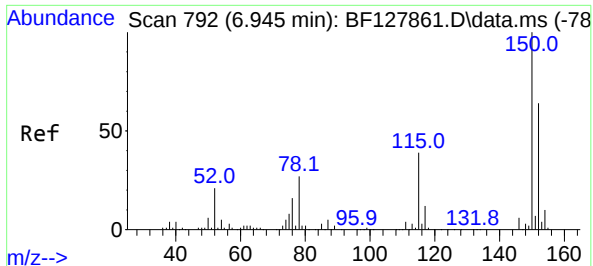
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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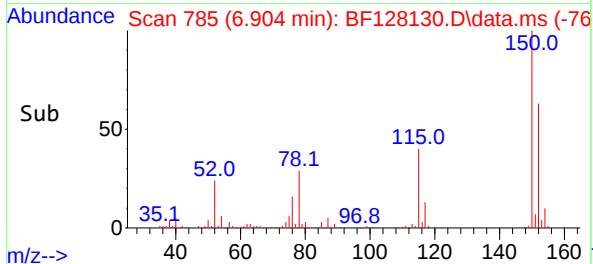
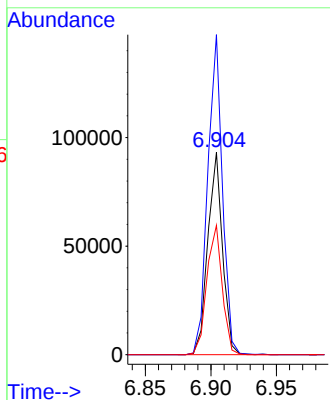
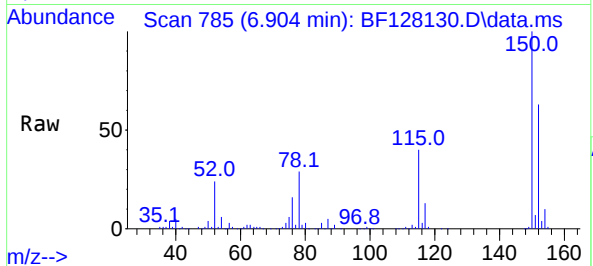




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.904 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

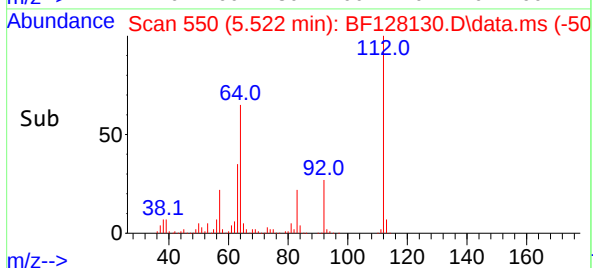
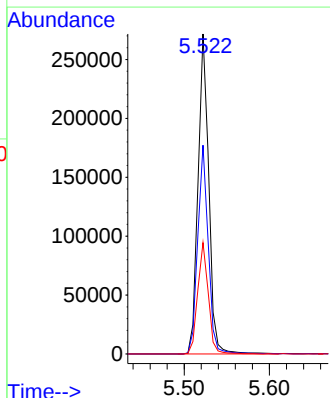
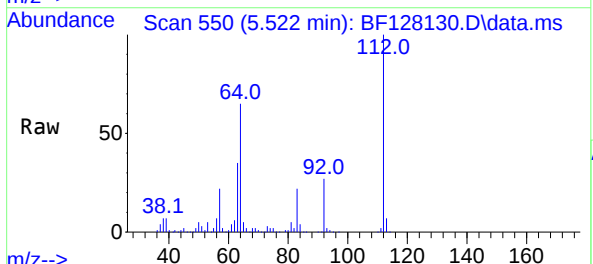
Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

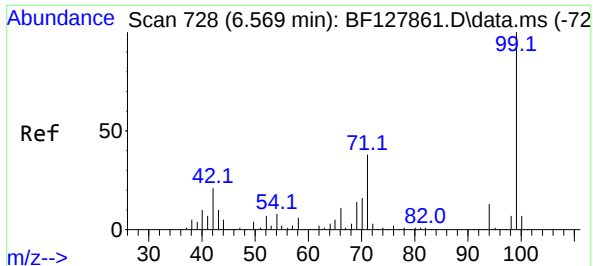
Tgt Ion:152 Resp: 72747  
Ion Ratio Lower Upper  
152 100  
150 158.2 125.3 187.9  
115 63.9 48.8 73.2



#5  
2-Fluorophenol  
Concen: 52.174 ng  
RT: 5.522 min Scan# 550  
Delta R.T. -0.012 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

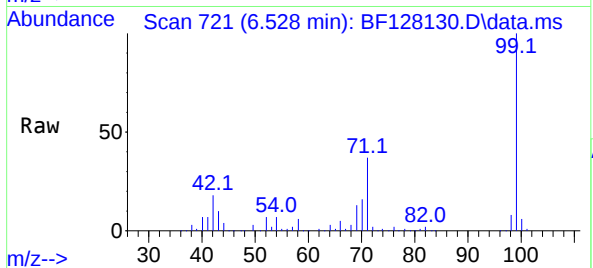
Tgt Ion:112 Resp: 238292  
Ion Ratio Lower Upper  
112 100  
64 65.2 49.5 74.3  
63 34.8 26.3 39.5



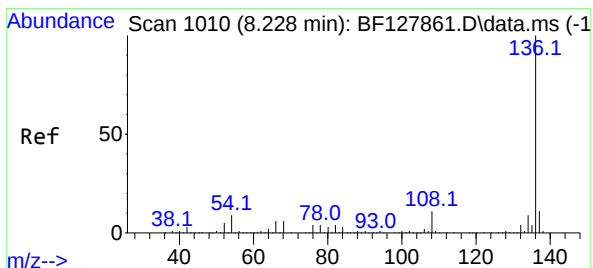
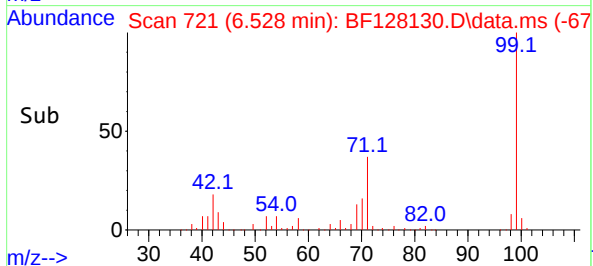
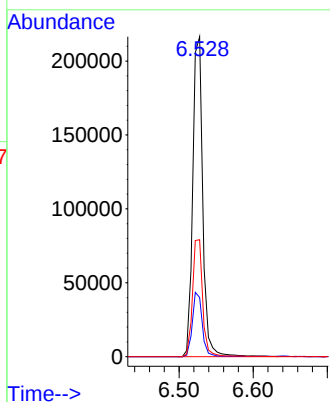


#7  
Phenol-d6  
Concen: 34.371 ng  
RT: 6.528 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

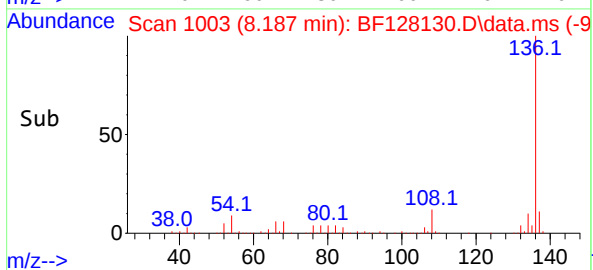
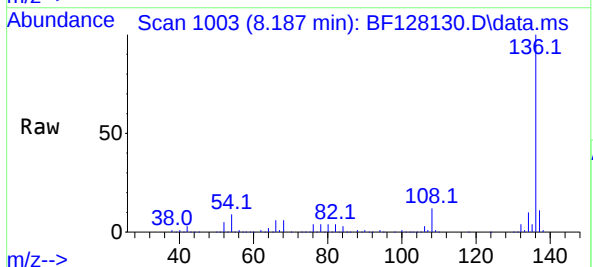
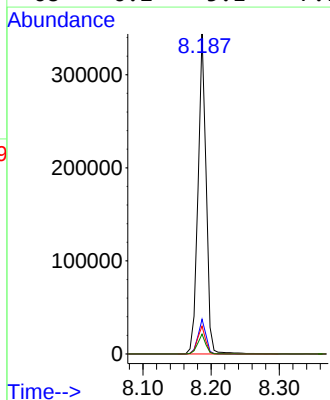


Tgt Ion: 99 Resp: 203693  
Ion Ratio Lower Upper  
99 100  
42 18.5 16.6 24.8  
71 36.6 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.187 min Scan# 1003  
Delta R.T. -0.012 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

Tgt Ion: 136 Resp: 285292  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.7 6.8 10.2  
68 6.2 5.1 7.7

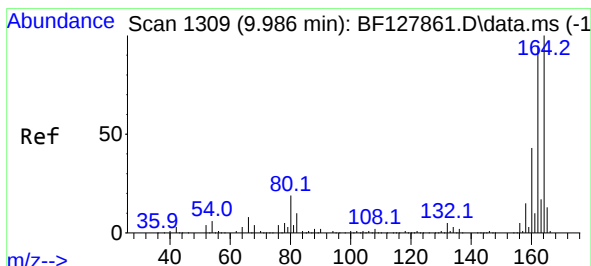
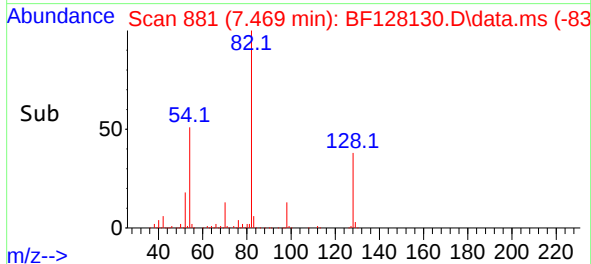
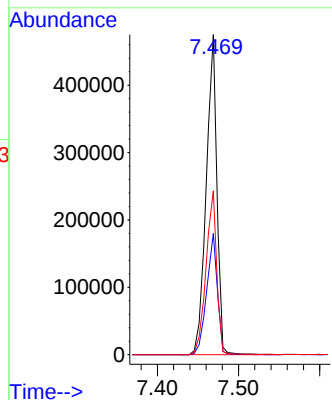
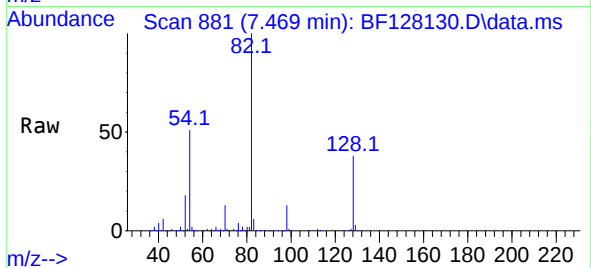




#23  
Nitrobenzene-d5  
Concen: 71.489 ng  
RT: 7.469 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

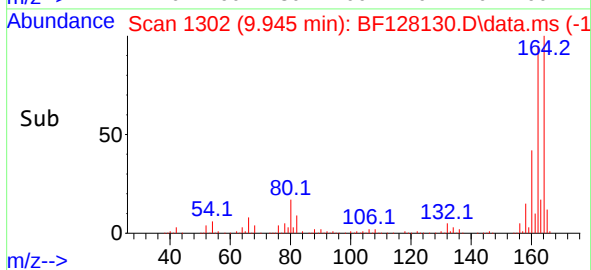
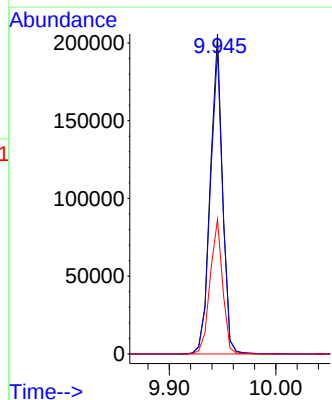
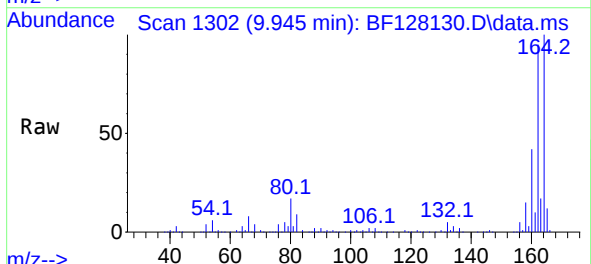
Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

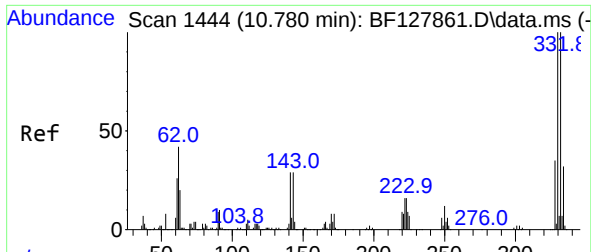
Tgt Ion: 82 Resp: 433717  
Ion Ratio Lower Upper  
82 100  
128 37.9 30.0 45.0  
54 51.2 41.3 61.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.945 min Scan# 1302  
Delta R.T. -0.006 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

Tgt Ion: 164 Resp: 164643  
Ion Ratio Lower Upper  
164 100  
162 95.3 76.0 114.0  
160 42.0 34.8 52.2

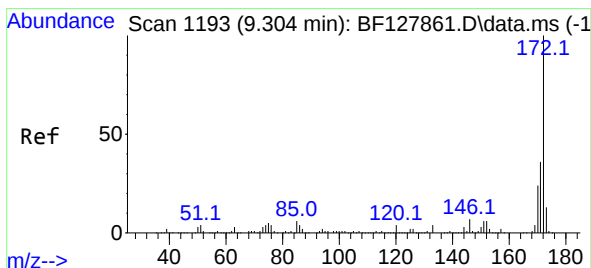
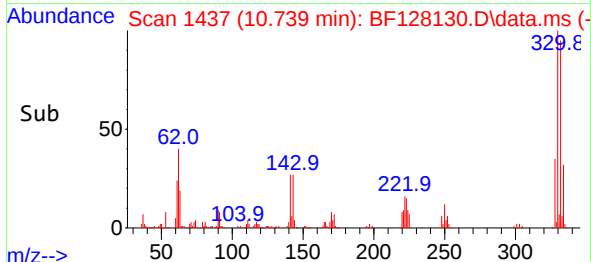
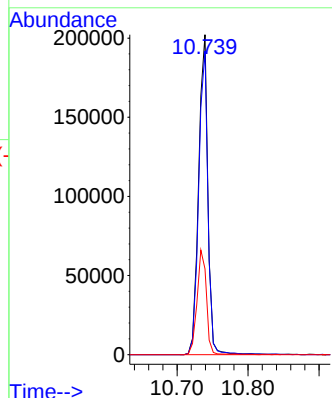
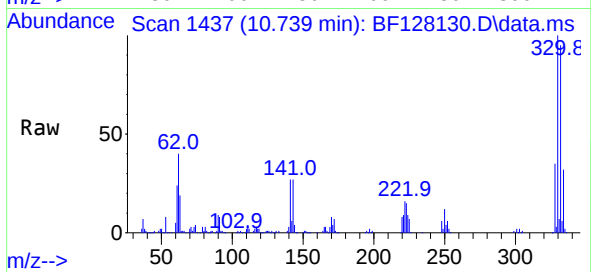




#42  
2,4,6-Tribromophenol  
Concen: 110.868 ng  
RT: 10.739 min Scan# 1444  
Delta R.T. -0.006 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

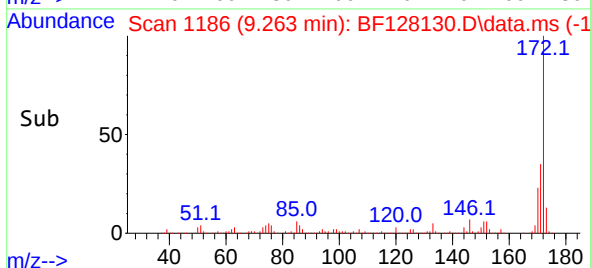
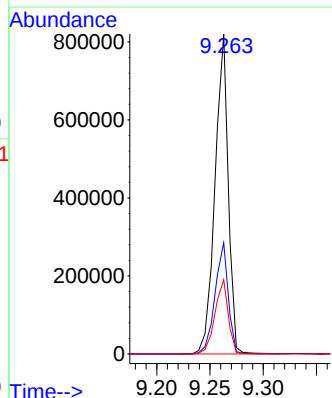
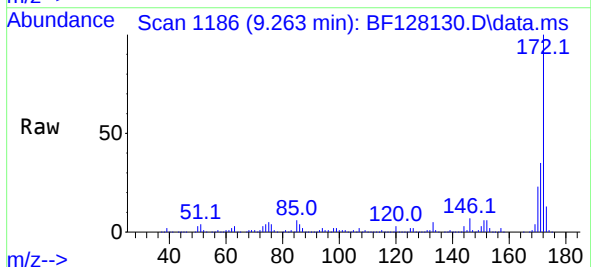
Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

Tgt Ion:330 Resp: 183754  
Ion Ratio Lower Upper  
330 100  
332 95.0 79.0 118.4  
141 32.9 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 72.710 ng  
RT: 9.263 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

Tgt Ion:172 Resp: 707628  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.6 42.8  
170 23.2 19.1 28.7

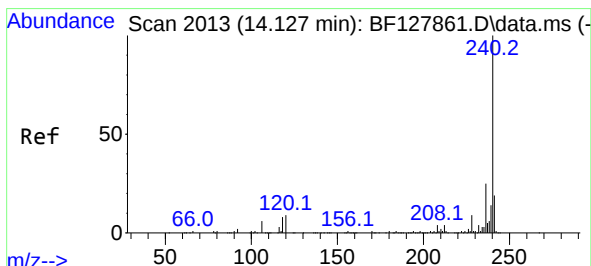
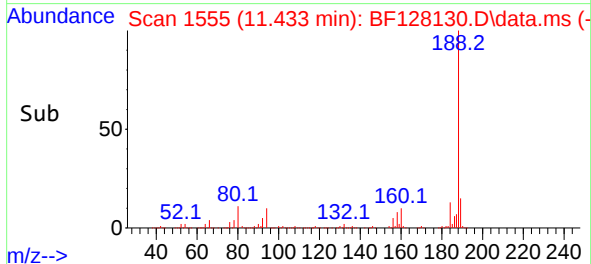
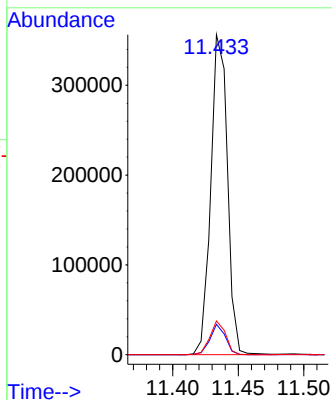
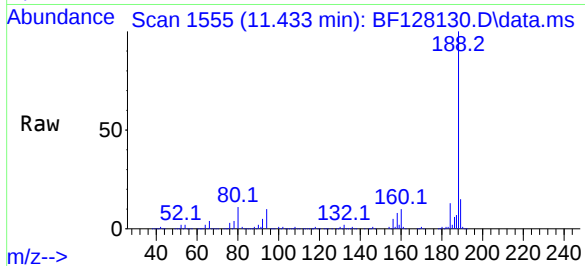




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.433 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

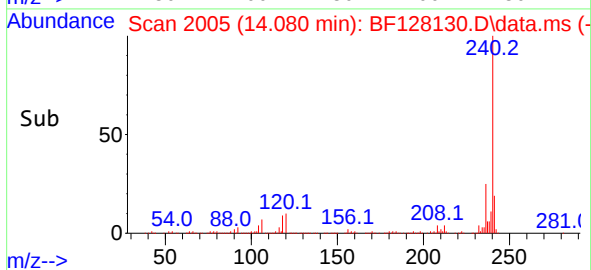
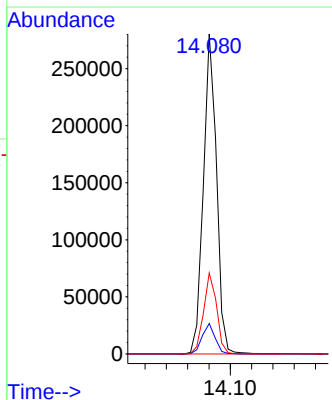
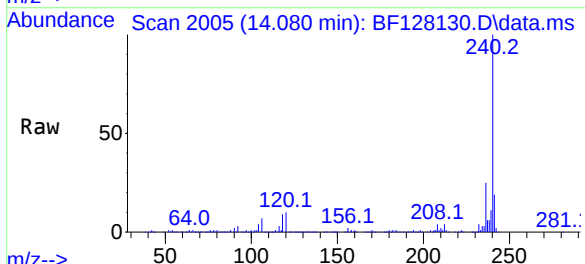
Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

Tgt Ion:188 Resp: 314995  
Ion Ratio Lower Upper  
188 100  
94 9.5 8.0 12.0  
80 10.5 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2005  
Delta R.T. -0.012 min  
Lab File: BF128130.D  
Acq: 06 May 2022 18:01

Tgt Ion:240 Resp: 240826  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.0 10.6  
236 25.3 20.3 30.5

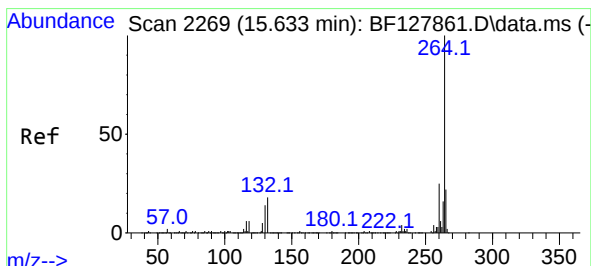
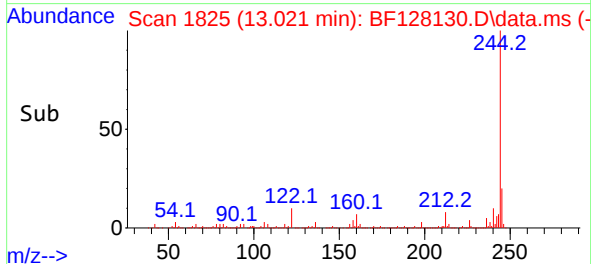
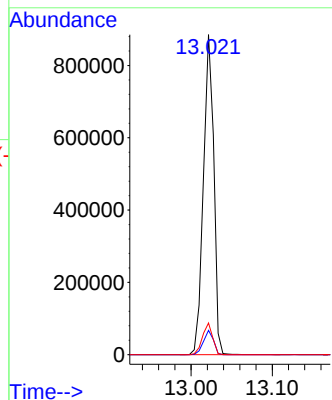
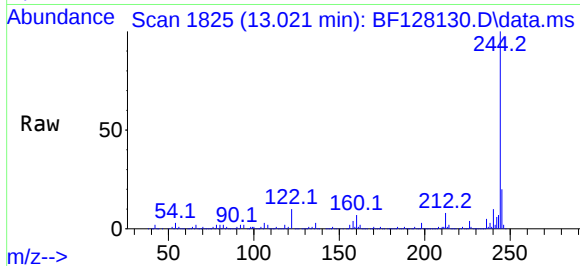




#79  
 Terphenyl-d14  
 Concen: 59.671 ng  
 RT: 13.021 min Scan# 1825  
 Delta R.T. -0.012 min  
 Lab File: BF128130.D  
 Acq: 06 May 2022 18:01

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GROUND-WATER

Tgt Ion:244 Resp: 785876  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.2 9.4  
 122 9.9 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.580 min Scan# 2260  
 Delta R.T. -0.012 min  
 Lab File: BF128130.D  
 Acq: 06 May 2022 18:01

Tgt Ion:264 Resp: 170250  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 20.1 30.1  
 265 21.7 17.5 26.3

