

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120523\  
 Data File : BF136415.D  
 Acq On : 05 Dec 2023 19:51  
 Operator : CG\JU  
 Sample : 05047-12  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PT-TRIAZINE-SOIL

Quant Time: Dec 06 02:20:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 05 18:10:13 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 96590    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 397666   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.833  | 164  | 209851   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.322 | 188  | 401661   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.968 | 240  | 252573   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.451 | 264  | 195388   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 879205   | 134.427 | ng    | 0.00     |
| 7) Phenol-d6                | 6.440  | 99   | 1165790  | 142.864 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.363  | 82   | 724901   | 98.546  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.628 | 330  | 352953   | 136.408 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 1555569  | 101.147 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.927 | 244  | 2001589  | 104.452 | ng    | 0.00     |

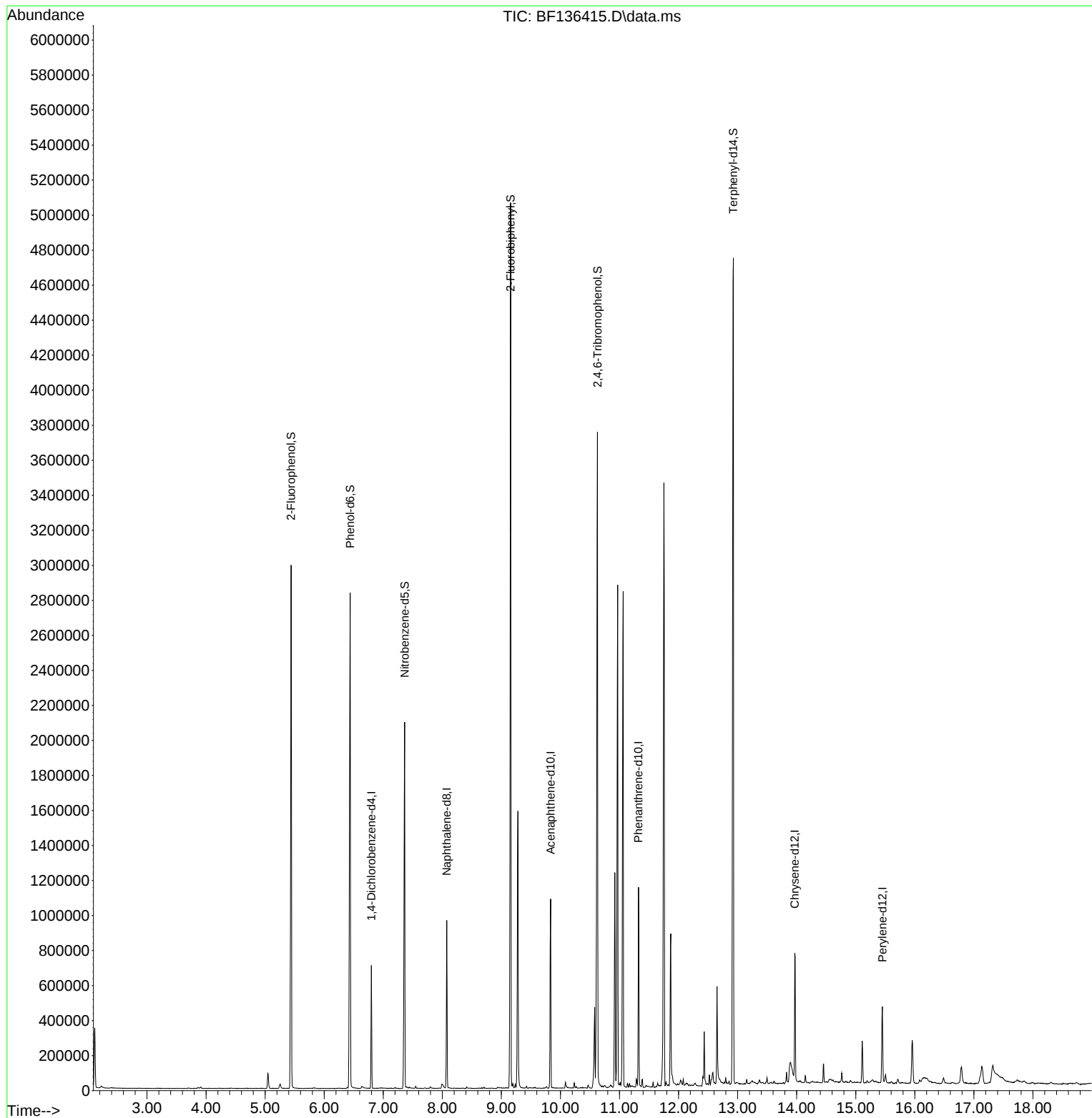
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

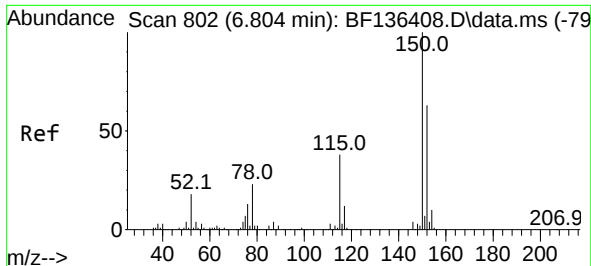
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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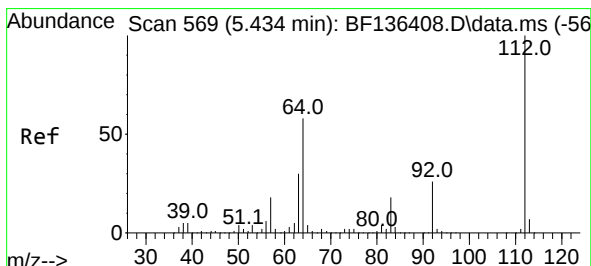
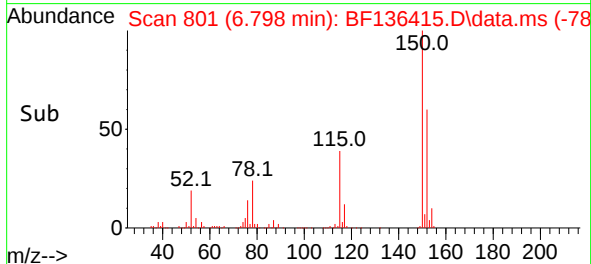
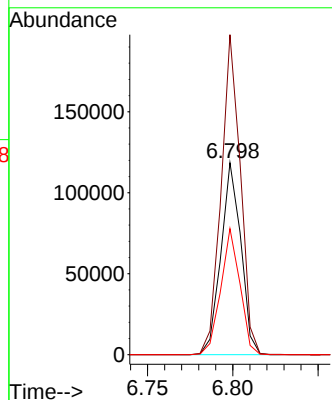
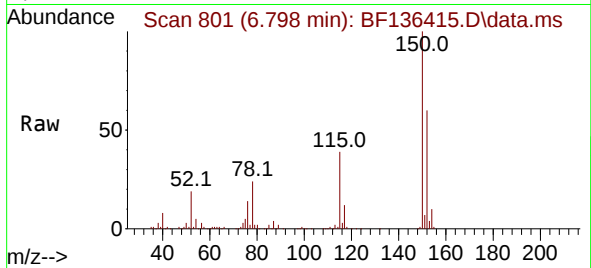




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

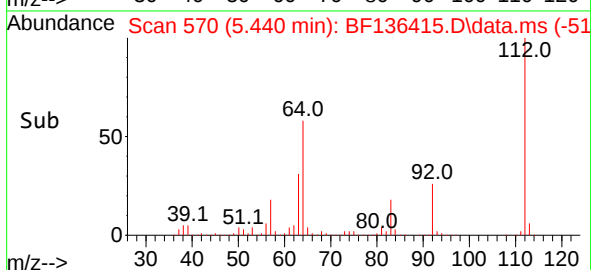
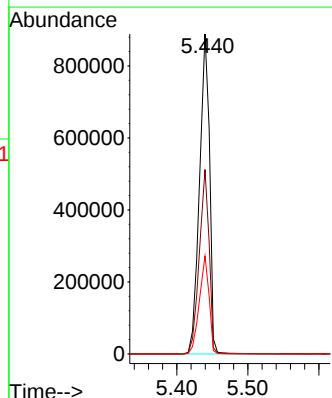
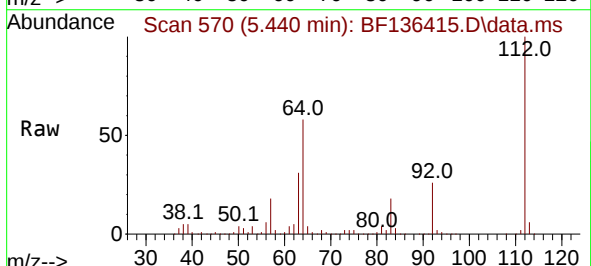
Instrument :  
BNA\_F  
ClientSampleId :  
PT-TRIAZINE-SOIL

Tgt Ion:152 Resp: 96590  
Ion Ratio Lower Upper  
152 100  
150 166.6 126.4 189.6  
115 65.7 48.2 72.4



#5  
2-Fluorophenol  
Concen: 134.427 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

Tgt Ion:112 Resp: 879205  
Ion Ratio Lower Upper  
112 100  
64 57.7 46.5 69.7  
63 30.6 23.9 35.9



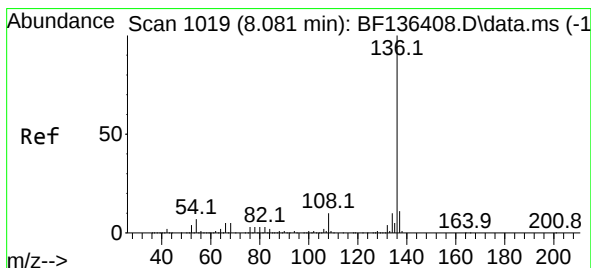
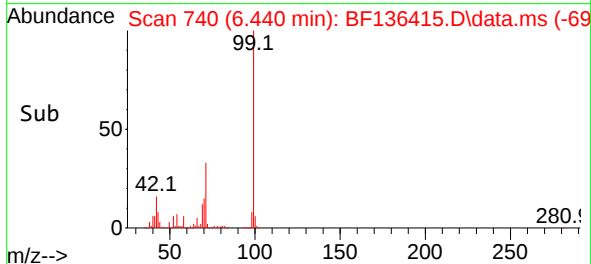
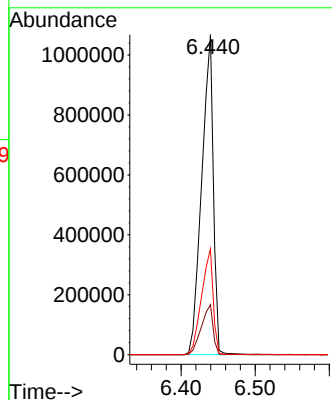
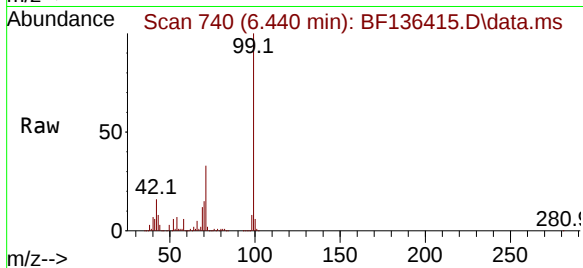


#7  
Phenol-d6  
Concen: 142.864 ng  
RT: 6.440 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

Instrument :  
BNA\_F  
ClientSampleId :  
PT-TRIAZINE-SOIL

Tgt Ion: 99 Resp: 1165790

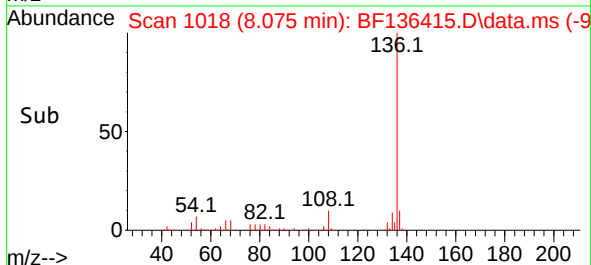
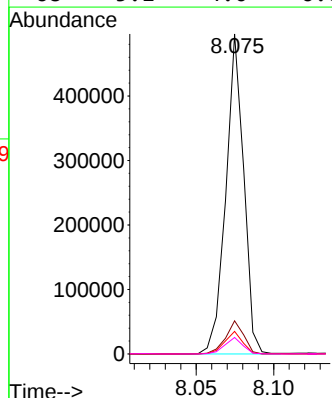
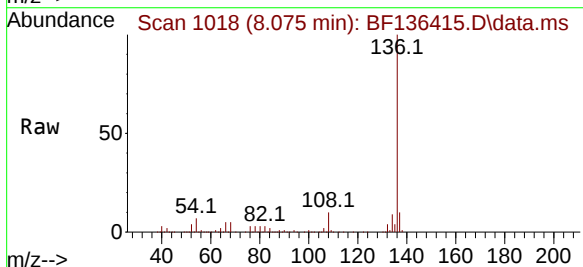
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.7  | 12.8  | 19.2  |
| 71  | 33.1  | 27.0  | 40.4  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

Tgt Ion: 136 Resp: 397666

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.3  | 8.6   | 12.8  |
| 54  | 7.0   | 5.7   | 8.5   |
| 68  | 5.1   | 4.0   | 6.0   |





#23

Nitrobenzene-d5

Concen: 98.546 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136415.D

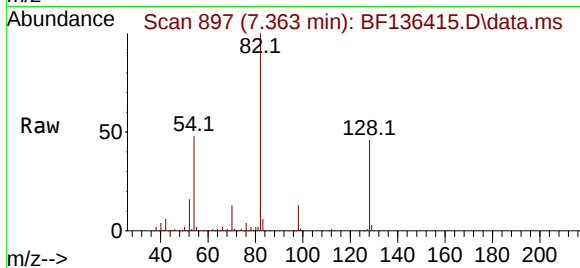
Acq: 05 Dec 2023 19:51

Instrument :

BNA\_F

ClientSampleId :

PT-TRIAZINE-SOIL



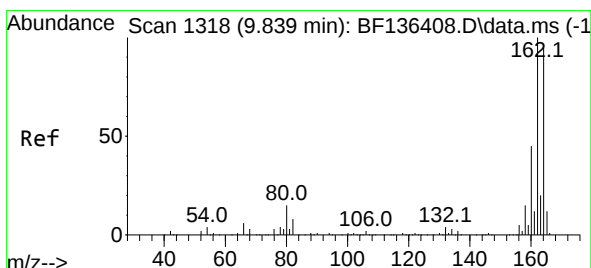
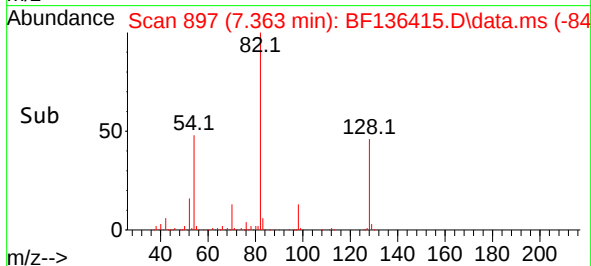
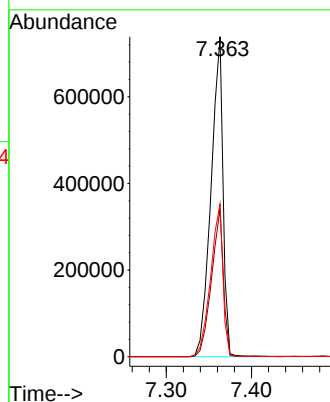
Tgt Ion: 82 Resp: 724901

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

54 47.8 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136415.D

Acq: 05 Dec 2023 19:51

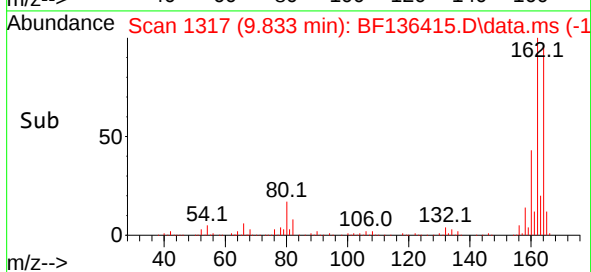
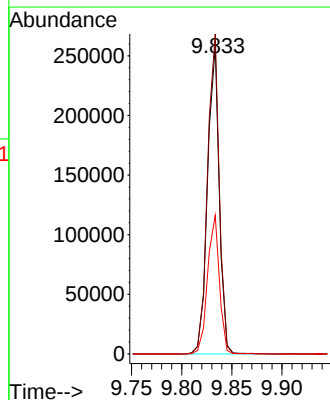
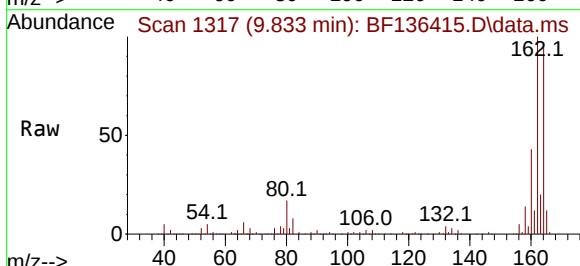
Tgt Ion:164 Resp: 209851

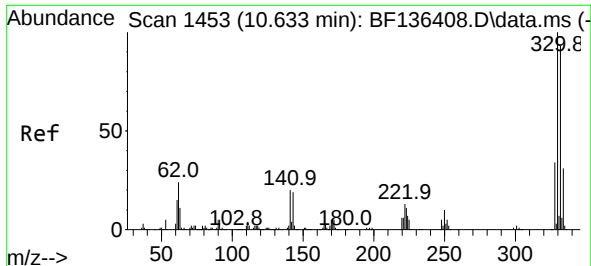
Ion Ratio Lower Upper

164 100

162 104.1 84.4 126.6

160 45.1 37.6 56.4

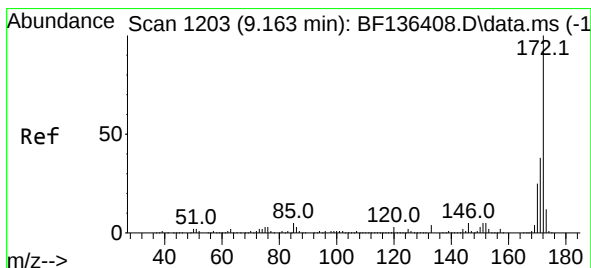
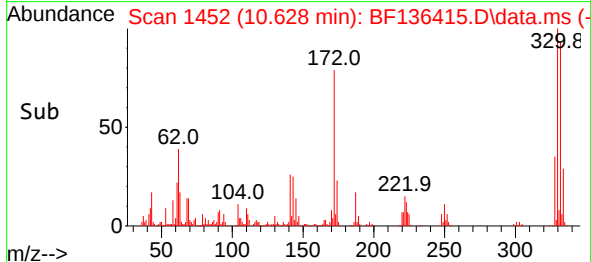
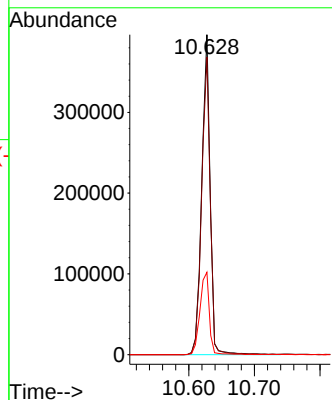
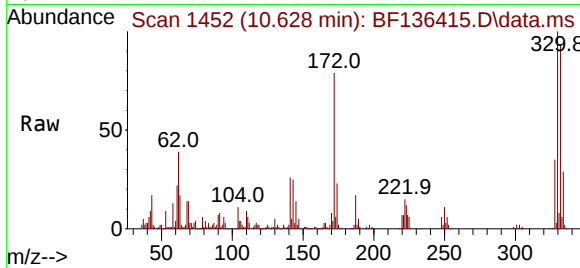




#42  
2,4,6-Tribromophenol  
Concen: 136.408 ng  
RT: 10.628 min Scan# 1453  
Delta R.T. -0.006 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

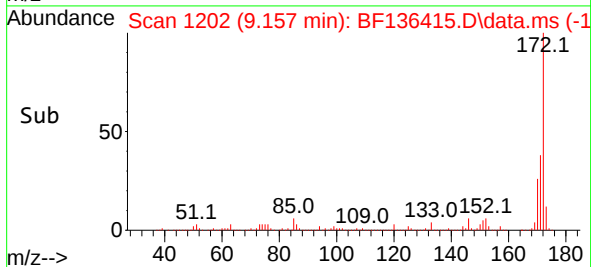
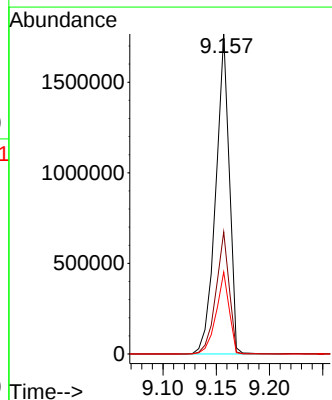
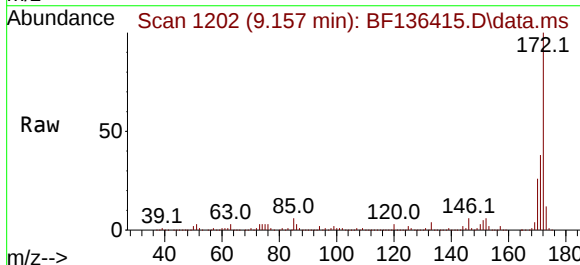
Instrument :  
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PT-TRIAZINE-SOIL

Tgt Ion:330 Resp: 352953  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.4 114.6  
141 28.8 23.4 35.2



#45  
2-Fluorobiphenyl  
Concen: 101.147 ng  
RT: 9.157 min Scan# 1202  
Delta R.T. -0.006 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

Tgt Ion:172 Resp: 1555569  
Ion Ratio Lower Upper  
172 100  
171 38.1 30.5 45.7  
170 25.6 19.9 29.9

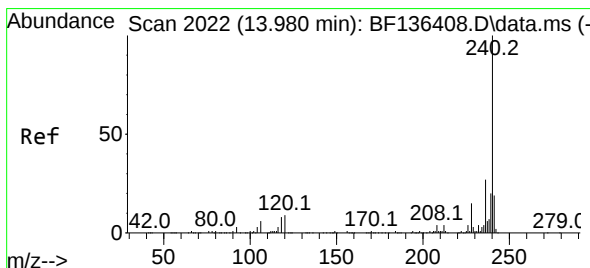
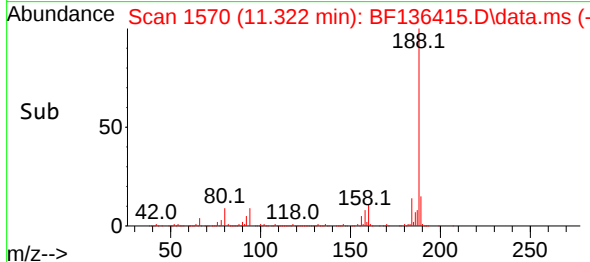
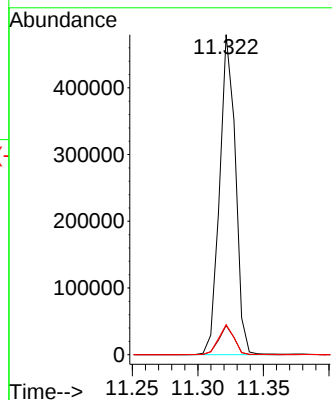
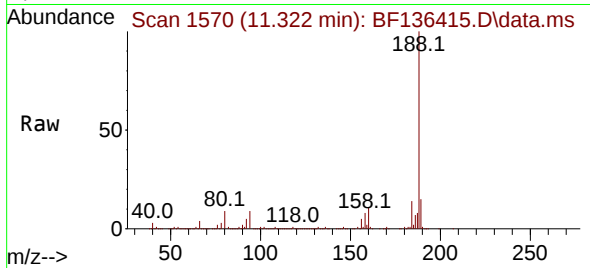




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.322 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

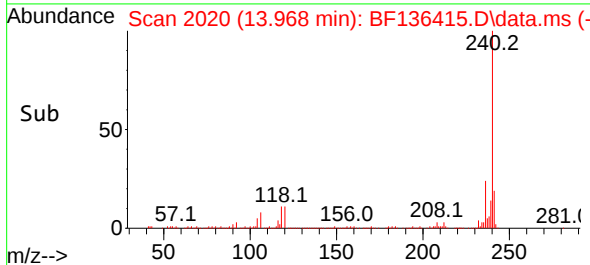
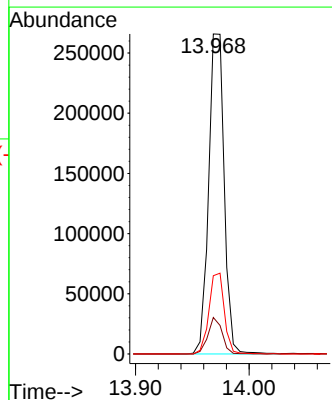
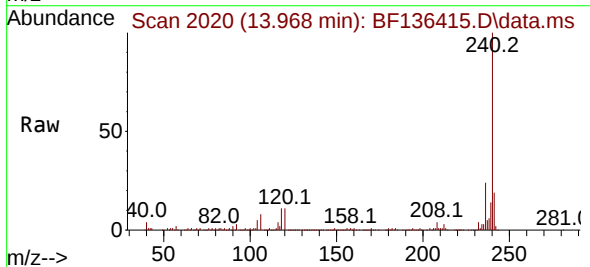
Instrument :  
BNA\_F  
ClientSampleId :  
PT-TRIAZINE-SOIL

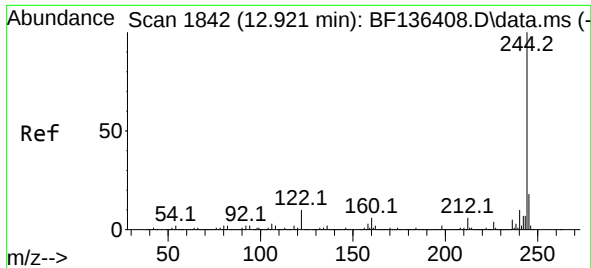
Tgt Ion:188 Resp: 401661  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.2 10.8  
80 9.4 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. -0.012 min  
Lab File: BF136415.D  
Acq: 05 Dec 2023 19:51

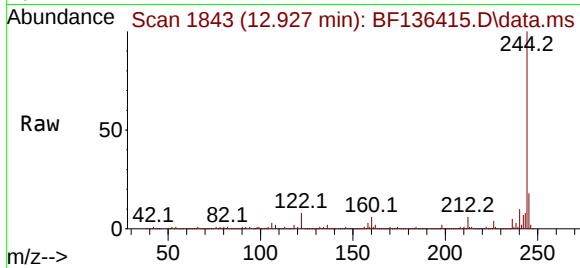
Tgt Ion:240 Resp: 252573  
Ion Ratio Lower Upper  
240 100  
120 11.4 7.3 10.9#  
236 24.5 21.3 31.9



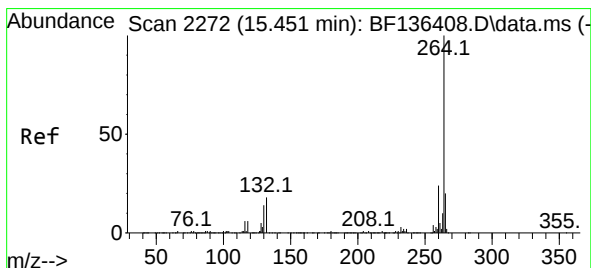
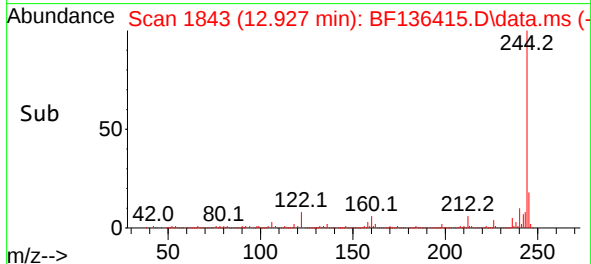
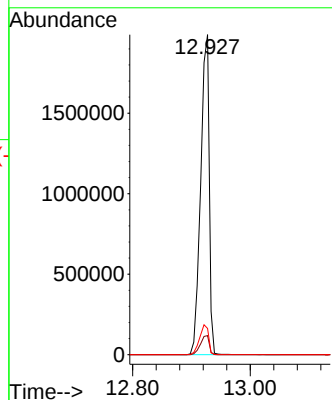


#79  
 Terphenyl-d14  
 Concen: 104.452 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. 0.006 min  
 Lab File: BF136415.D  
 Acq: 05 Dec 2023 19:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PT-TRIAZINE-SOIL



Tgt Ion:244 Resp: 2001589  
 Ion Ratio Lower Upper  
 244 100  
 212 6.0 5.0 7.4  
 122 8.2 8.3 12.5#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.451 min Scan# 2272  
 Delta R.T. 0.000 min  
 Lab File: BF136415.D  
 Acq: 05 Dec 2023 19:51

Tgt Ion:264 Resp: 195388  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.2 28.8  
 265 21.1 15.9 23.9

