

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111020\  
 Data File : BF122290.D  
 Acq On : 10 Nov 2020 10:33  
 Operator : JU/CG  
 Sample : PB132380BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132380BL

Quant Time: Nov 10 12:39:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 281528   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 1110706  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 588471   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.386 | 188  | 1084868  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 984810   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.492 | 264  | 971876   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.492  | 112  | 1868759  | 101.93 | ng    | 0.02     |
| 7) Phenol-d6                | 6.486  | 99   | 2357237  | 98.28  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 1545996  | 85.21  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 603834   | 95.60  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 2771809  | 73.59  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 2995851  | 64.45  | ng    | 0.00     |

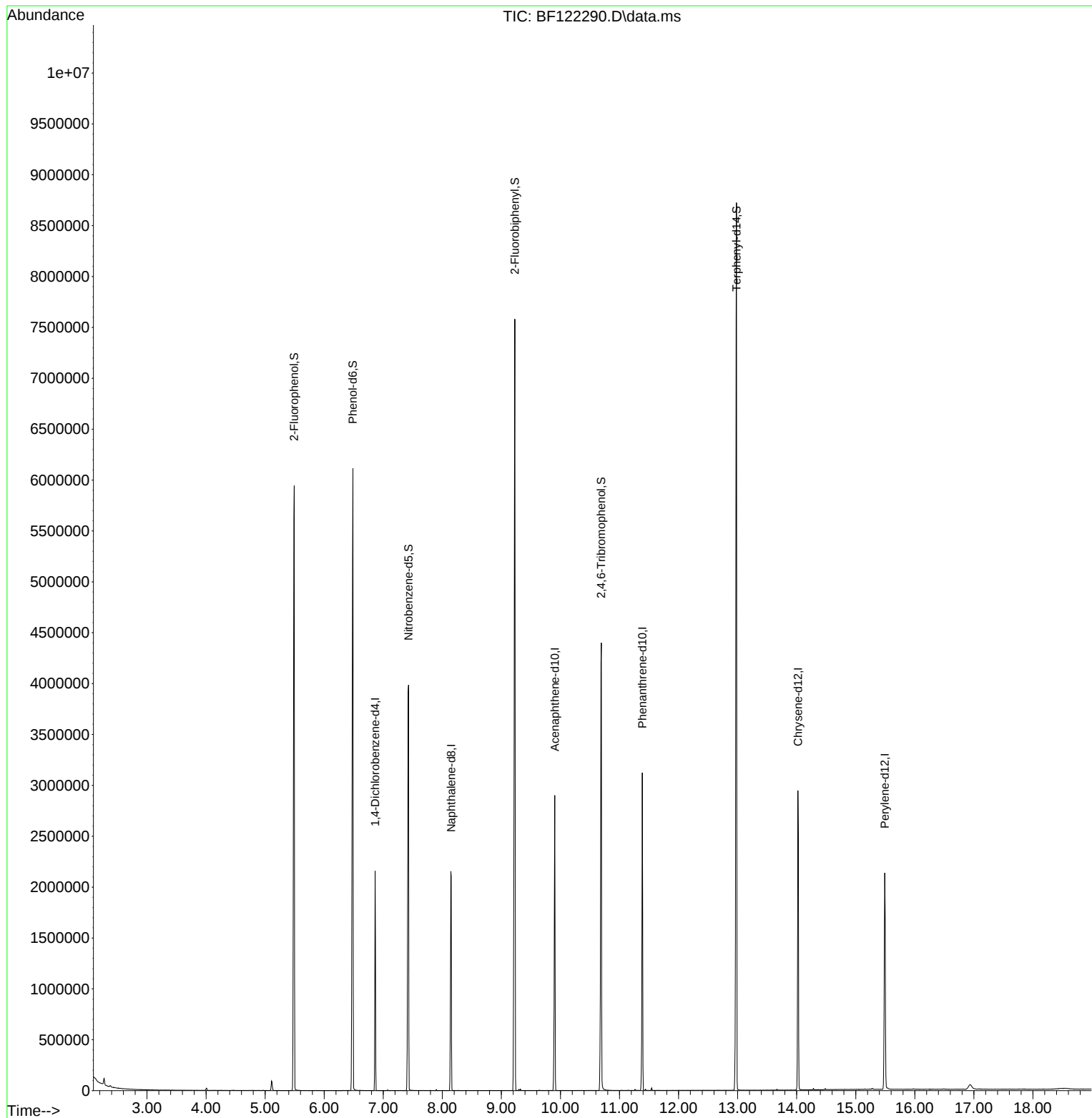
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111020\  
Data File : BF122290.D  
Acq On : 10 Nov 2020 10:33  
Operator : JU/CG  
Sample : PB132380BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB132380BL

Quant Time: Nov 10 12:39:26 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 10 12:25:42 2020  
Response via : Initial Calibration

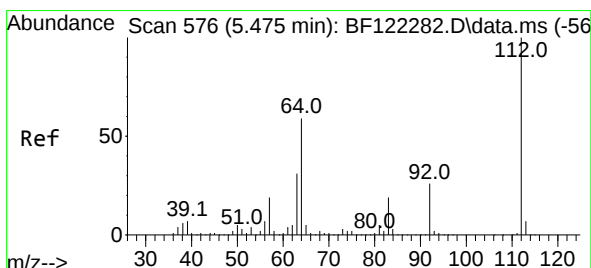
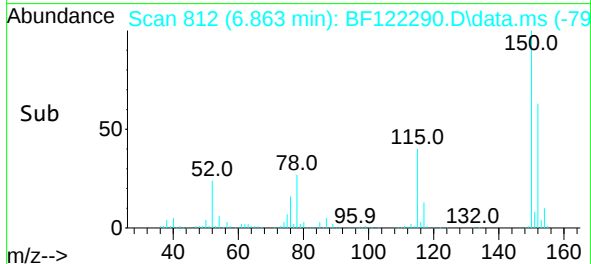
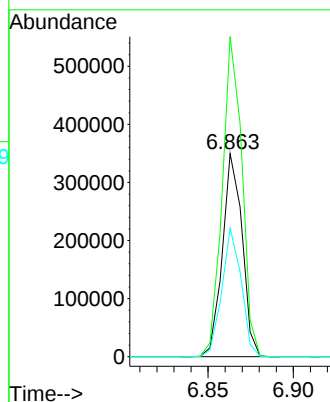
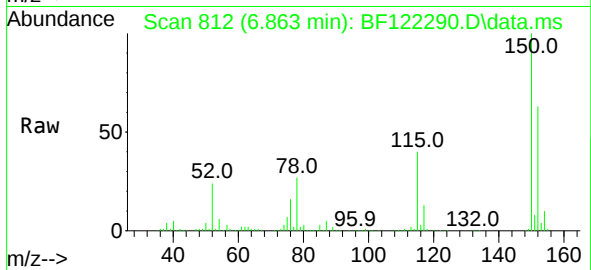




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

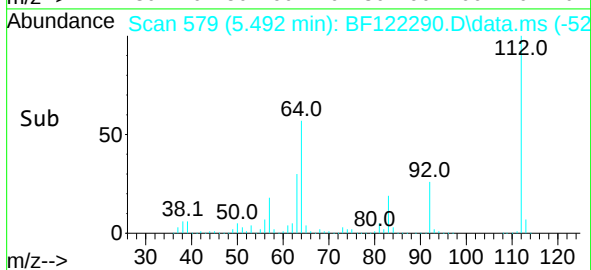
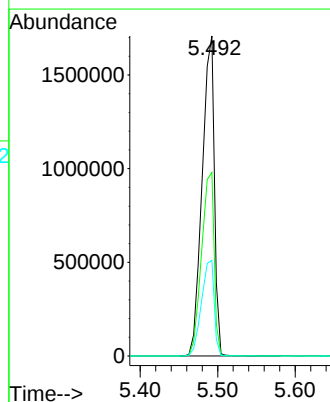
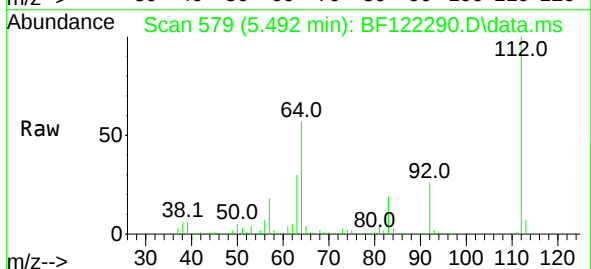
Instrument :  
BNA\_F  
ClientSampleId :  
PB132380BL

Tgt Ion:152 Resp: 281528  
Ion Ratio Lower Upper  
152 100  
150 157.5 125.3 187.9  
115 63.3 51.9 77.9



#5  
2-Fluorophenol  
Concen: 101.93 ng  
RT: 5.492 min Scan# 579  
Delta R.T. 0.018 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

Tgt Ion:112 Resp: 1868759  
Ion Ratio Lower Upper  
112 100  
64 57.4 50.4 75.6  
63 29.9 25.8 38.6

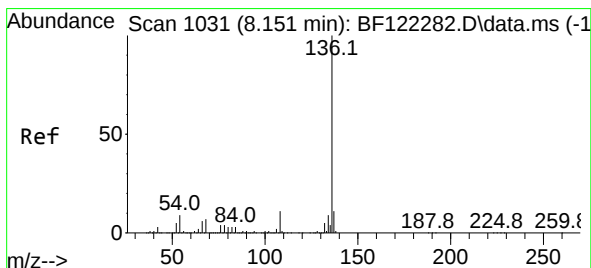
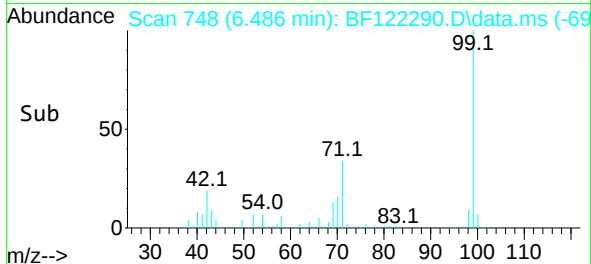
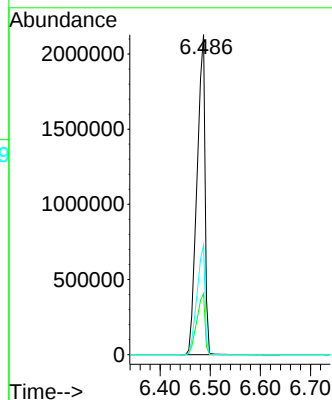
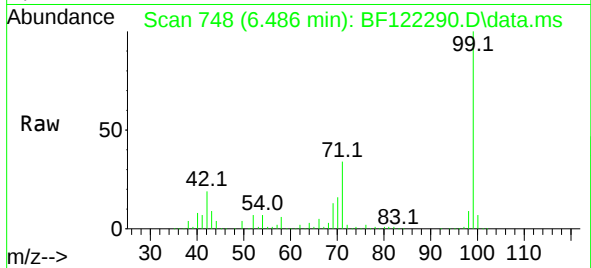




#7  
Phenol-d6  
Concen: 98.28 ng  
RT: 6.486 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

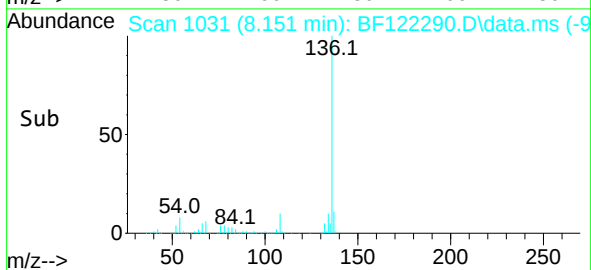
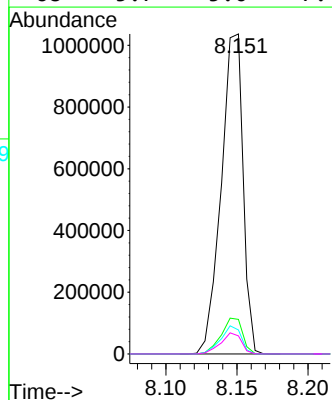
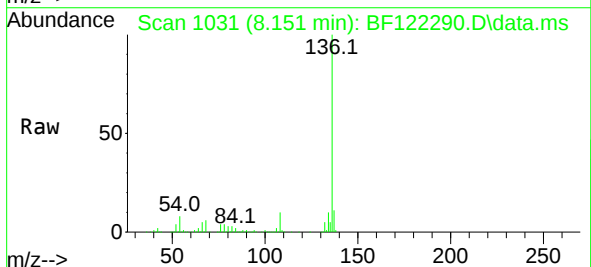
Instrument :  
BNA\_F  
ClientSampleId :  
PB132380BL

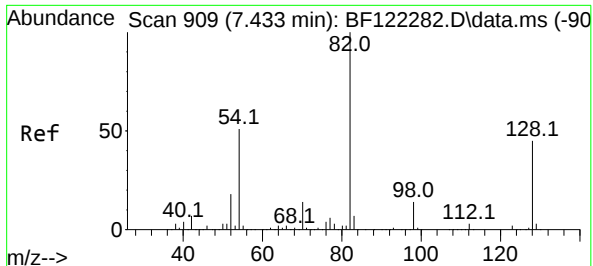
Tgt Ion: 99 Resp: 2357237  
Ion Ratio Lower Upper  
99 100  
42 19.1 15.9 23.9  
71 34.3 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

Tgt Ion: 136 Resp: 1110706  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 7.5 7.1 10.7  
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.21 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF122290.D

Acq: 10 Nov 2020 10:33

Tgt Ion: 82 Resp: 1545996

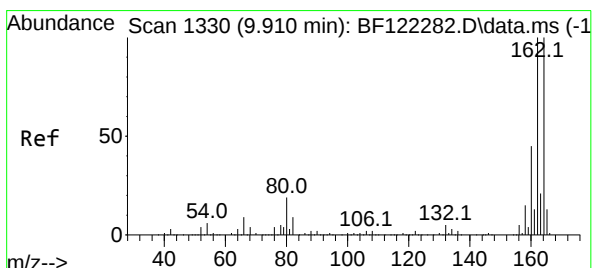
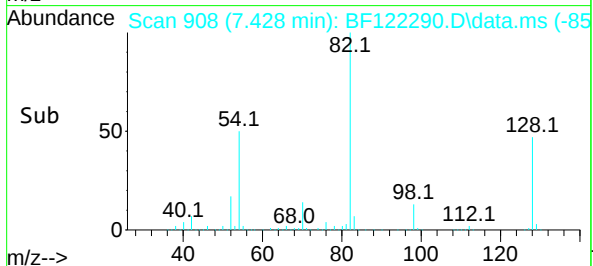
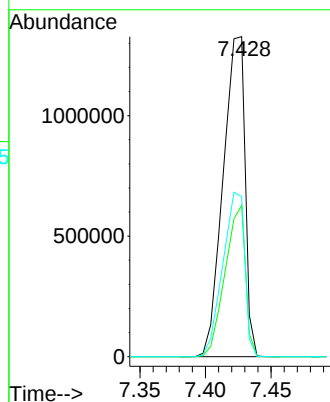
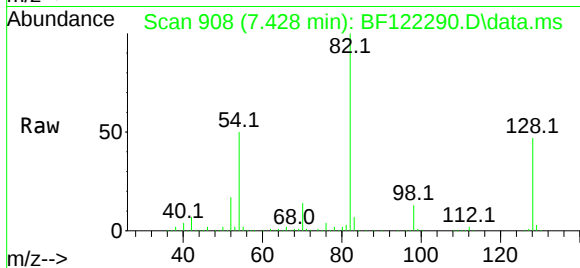
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.3  | 35.0  | 52.4  |
| 54  | 50.0  | 43.9  | 65.9  |

Instrument :

BNA\_F

ClientSampleId :

PB132380BL



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

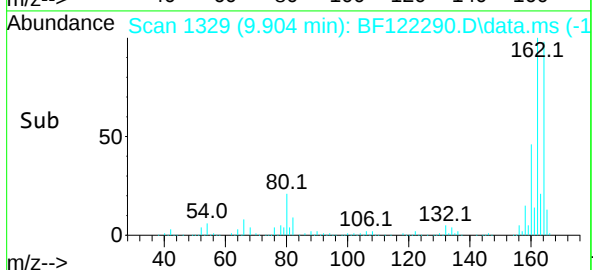
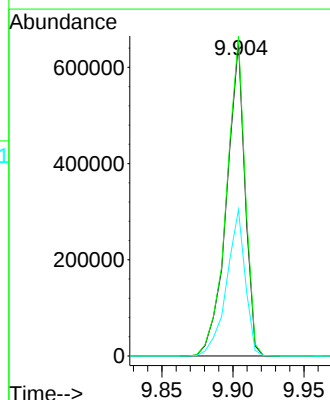
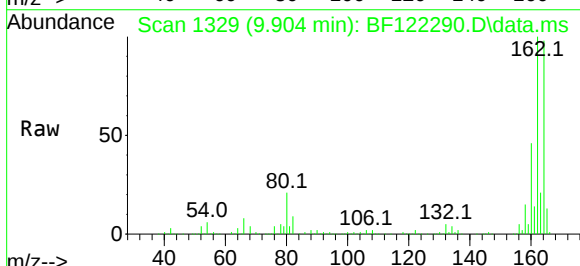
Delta R.T. -0.006 min

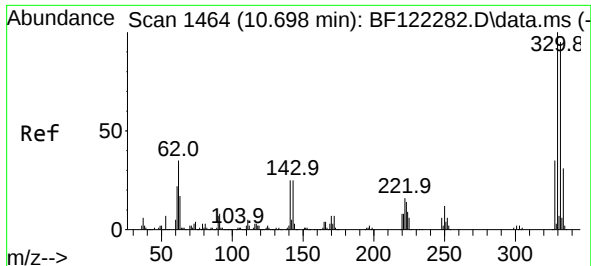
Lab File: BF122290.D

Acq: 10 Nov 2020 10:33

Tgt Ion:164 Resp: 588471

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.7 | 83.2  | 124.8 |
| 160 | 46.5  | 37.5  | 56.3  |

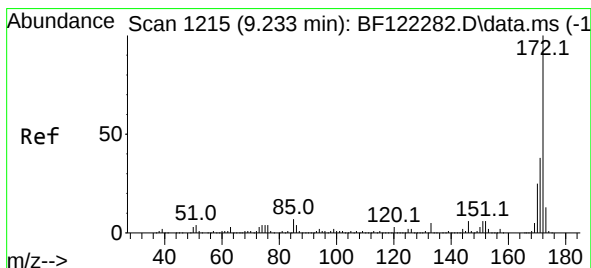
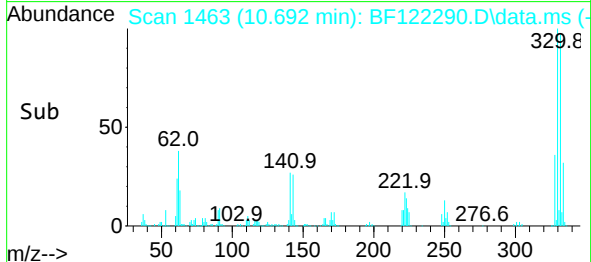
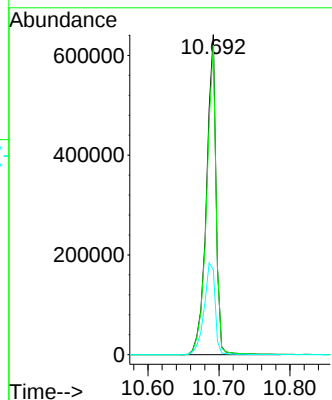
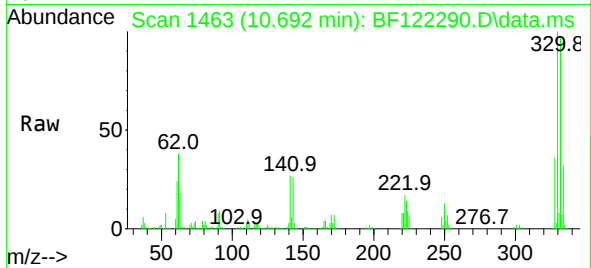




#42  
2,4,6-Tribromophenol  
Concen: 95.60 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

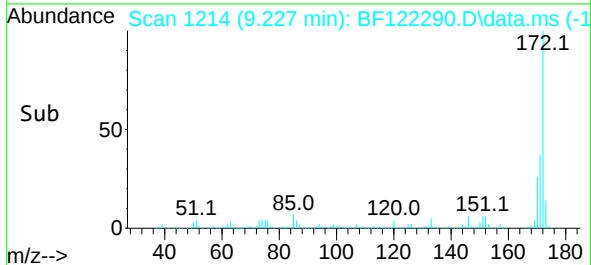
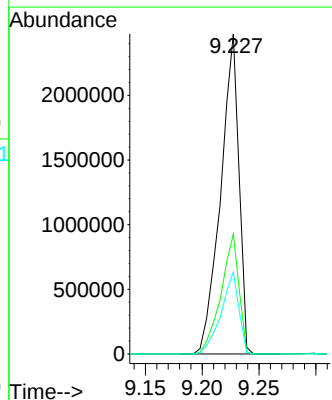
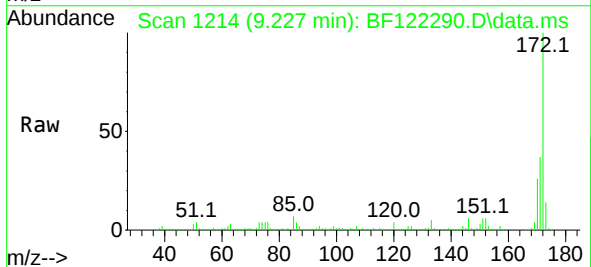
Instrument :  
BNA\_F  
ClientSampleId :  
PB132380BL

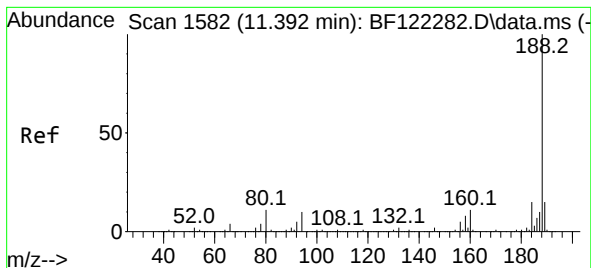
Tgt Ion: 330 Resp: 603834  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.3 115.9  
141 33.1 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 73.59 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

Tgt Ion: 172 Resp: 2771809  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.1 43.7  
170 25.6 19.8 29.6

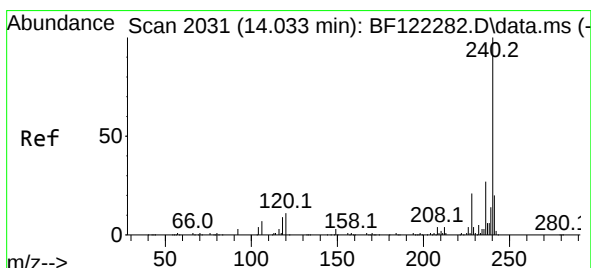
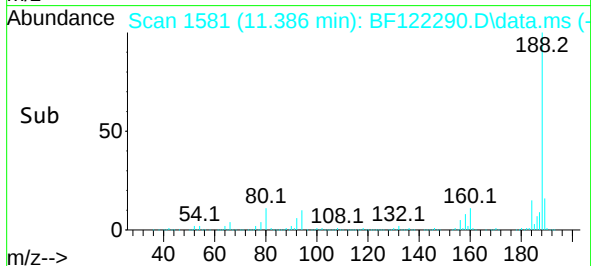
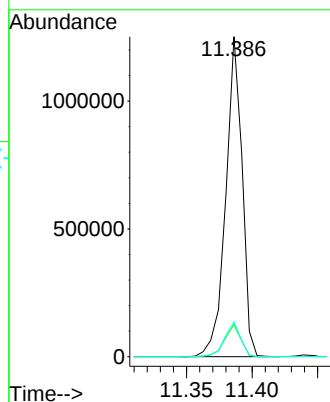
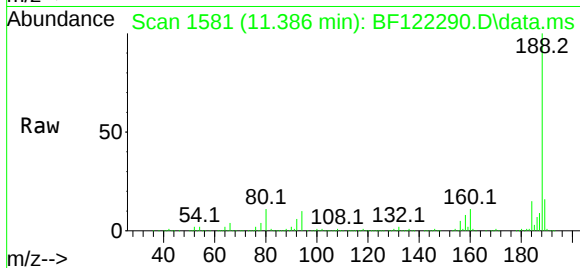




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

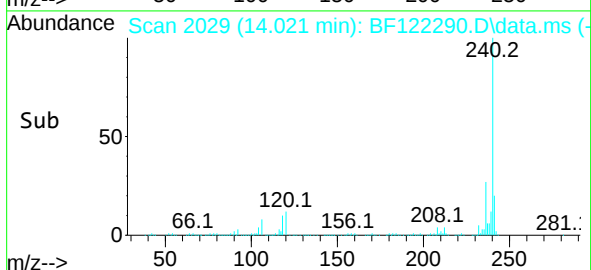
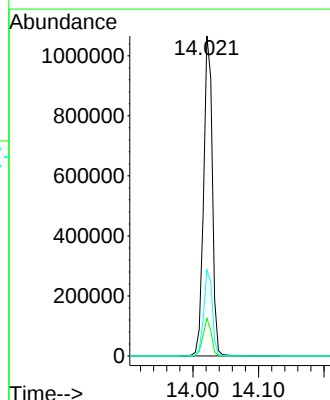
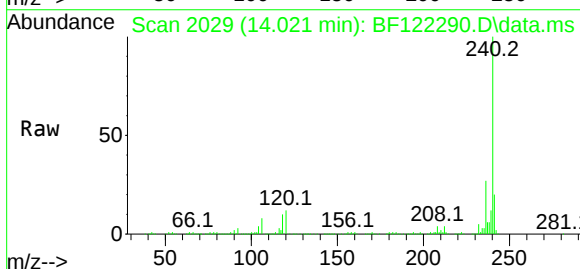
Instrument :  
BNA\_F  
ClientSampleId :  
PB132380BL

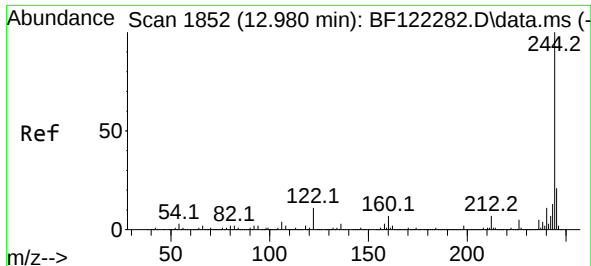
Tgt Ion:188 Resp: 1084868  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.3 12.5  
80 10.9 9.1 13.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.012 min  
Lab File: BF122290.D  
Acq: 10 Nov 2020 10:33

Tgt Ion:240 Resp: 984810  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.2 13.8  
236 26.9 20.9 31.3

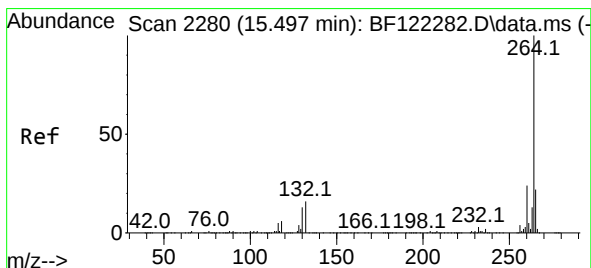
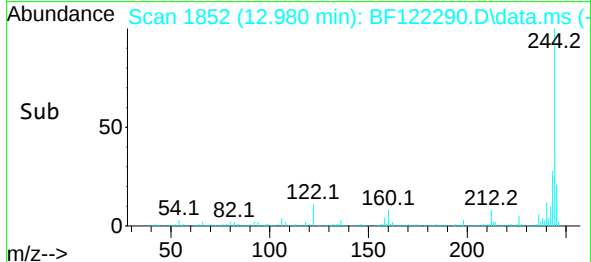
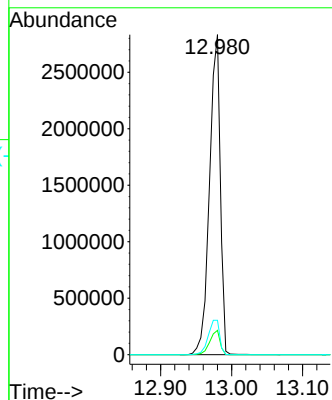
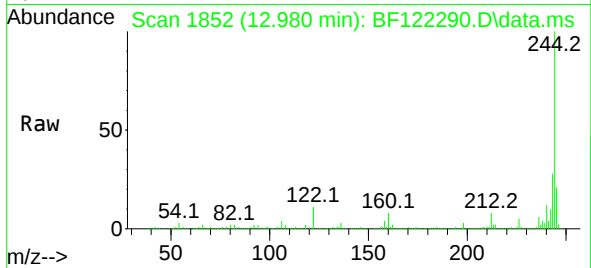




#79  
 Terphenyl-d14  
 Concen: 64.45 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. 0.000 min  
 Lab File: BF122290.D  
 Acq: 10 Nov 2020 10:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132380BL

Tgt Ion:244 Resp: 2995851  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.4 8.2  
 122 10.7 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.492 min Scan# 2279  
 Delta R.T. -0.006 min  
 Lab File: BF122290.D  
 Acq: 10 Nov 2020 10:33

Tgt Ion:264 Resp: 971876  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 18.7 28.1  
 265 21.4 17.3 25.9

