

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092821\  
 Data File : BF125694.D  
 Acq On : 28 Sep 2021 18:01  
 Operator : JU/CG  
 Sample : M3962-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 UNDERPASS

Quant Time: Sep 29 02:20:03 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 15:38:32 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 204876   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 831350   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 417960   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 683726   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.039 | 240  | 405770   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.515 | 264  | 438397   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 808761   | 65.039  | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 581367   | 34.775  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1276479  | 107.097 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 568564   | 145.900 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 2287126  | 100.813 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 2099340  | 89.596  | ng    | 0.00     |

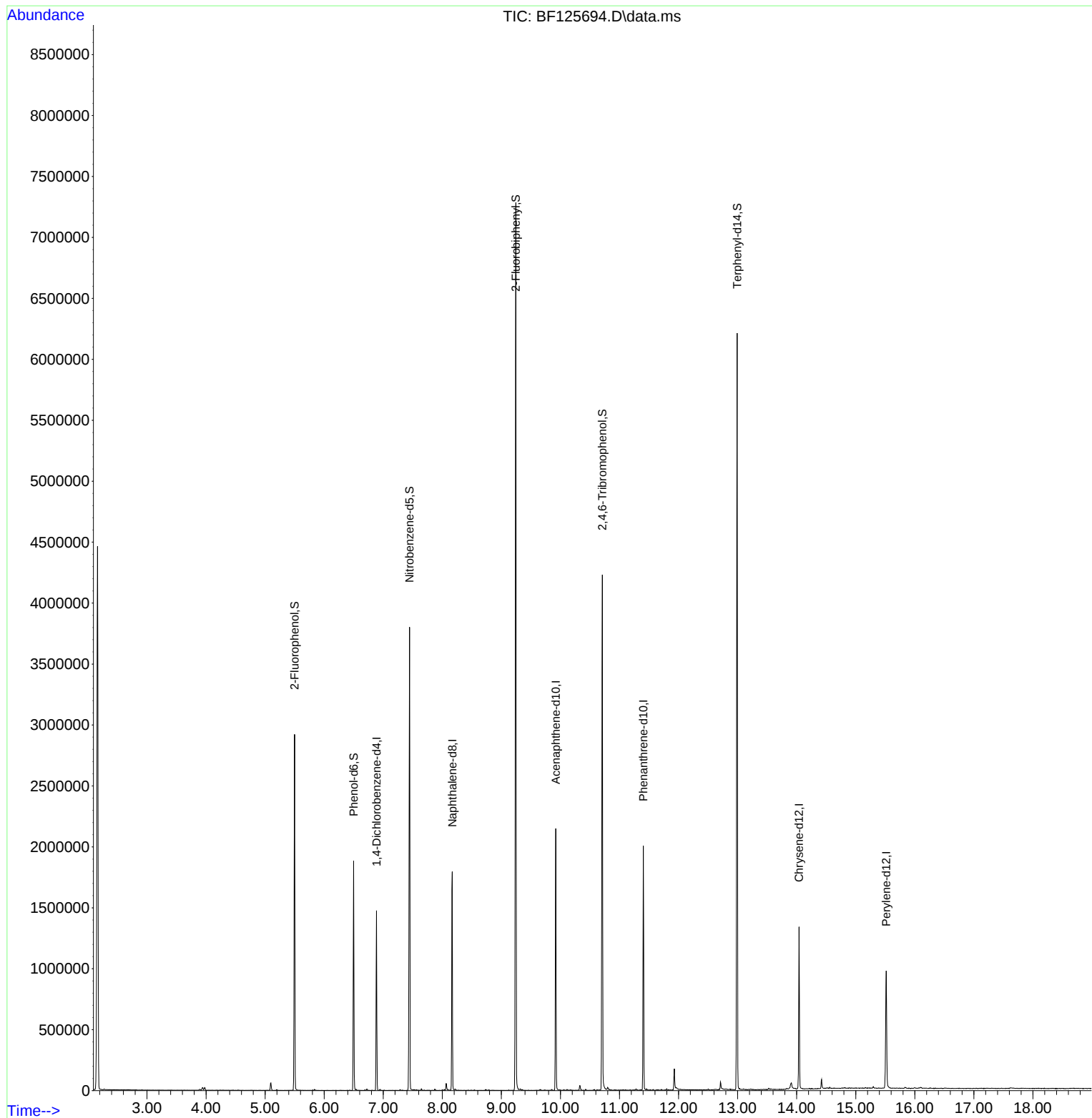
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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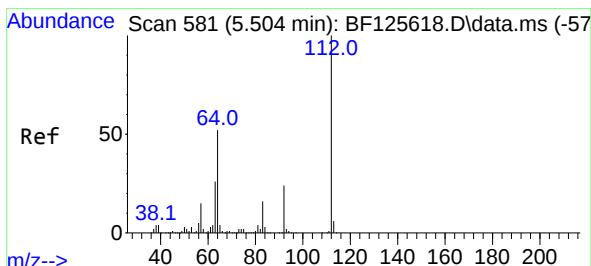
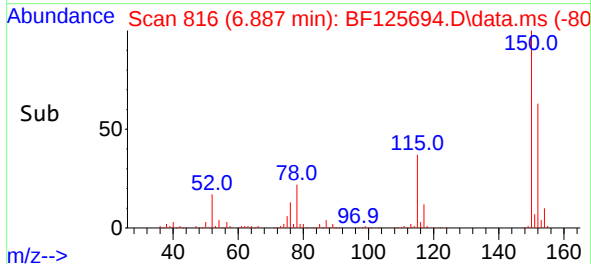
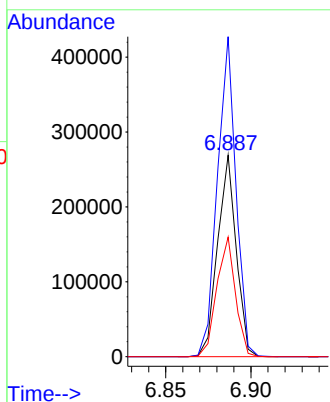
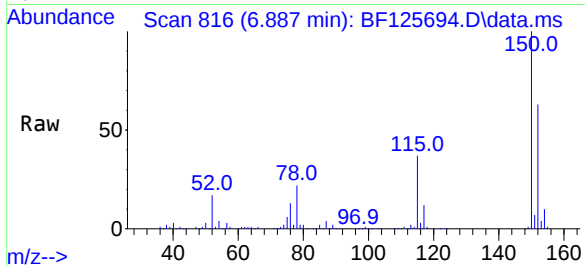




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

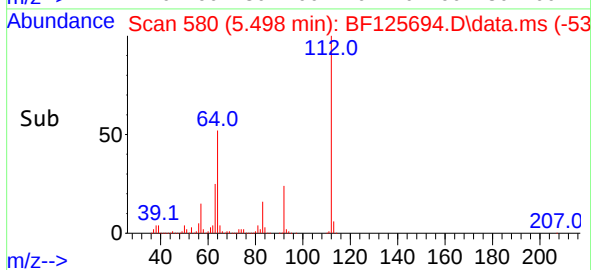
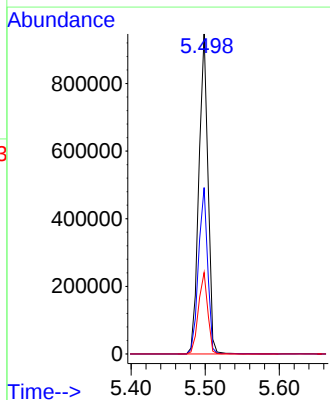
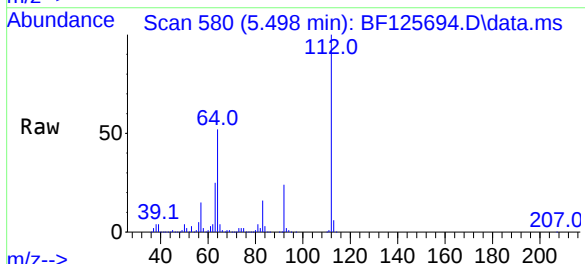
Instrument :  
BNA\_F  
ClientSampleId :  
UNDERPASS

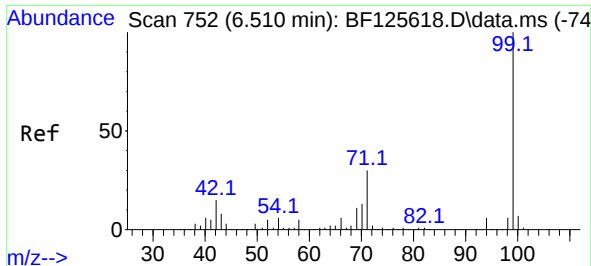
Tgt Ion:152 Resp: 204876  
Ion Ratio Lower Upper  
152 100  
150 158.9 117.6 176.4  
115 59.4 47.1 70.7



#5  
2-Fluorophenol  
Concen: 65.039 ng  
RT: 5.498 min Scan# 580  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

Tgt Ion:112 Resp: 808761  
Ion Ratio Lower Upper  
112 100  
64 52.0 44.2 66.2  
63 25.5 26.2 39.2#

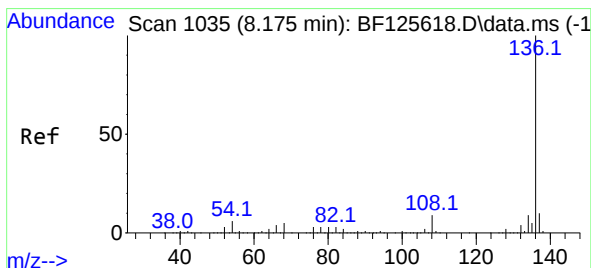
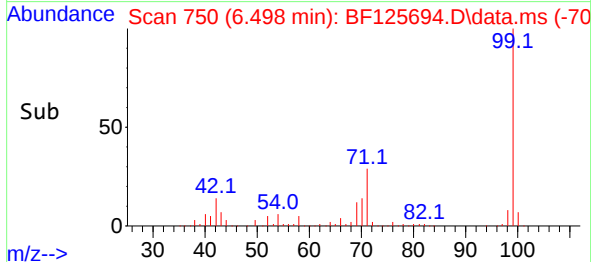
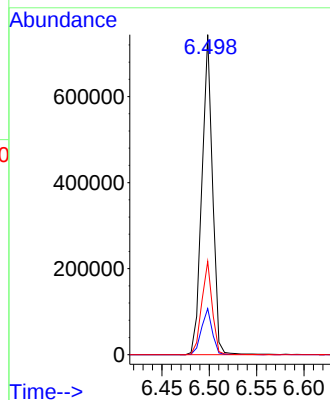
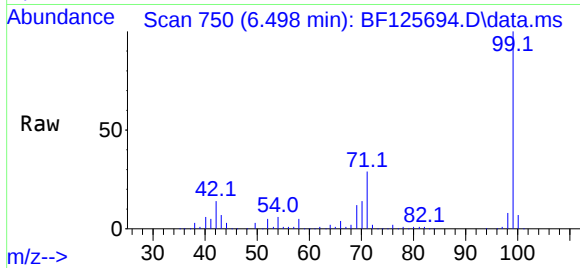




#7  
Phenol-d6  
Concen: 34.775 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.012 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

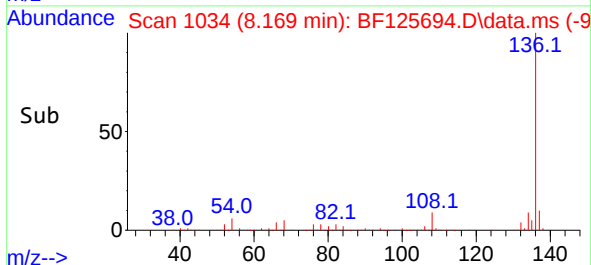
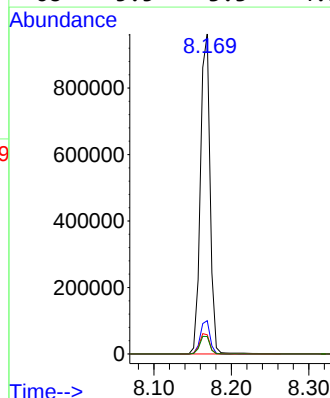
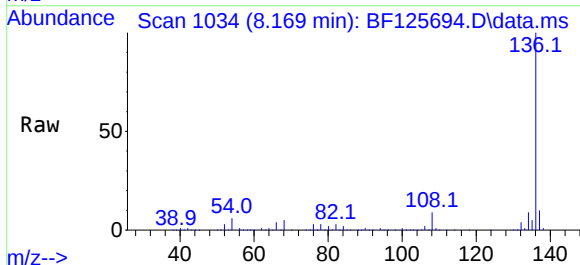
Instrument :  
BNA\_F  
ClientSampleId :  
UNDERPASS

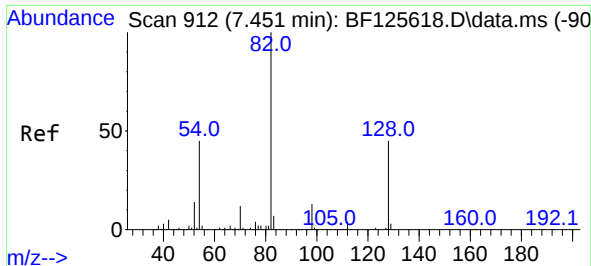
Tgt Ion: 99 Resp: 581367  
Ion Ratio Lower Upper  
99 100  
42 14.4 23.5 35.3#  
71 29.2 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

Tgt Ion: 136 Resp: 831350  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.8 14.6  
54 6.0 6.4 9.6#  
68 5.5 3.3 4.9#

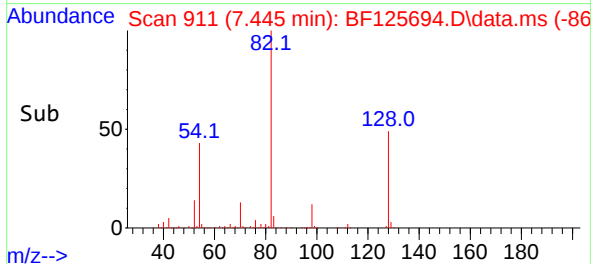
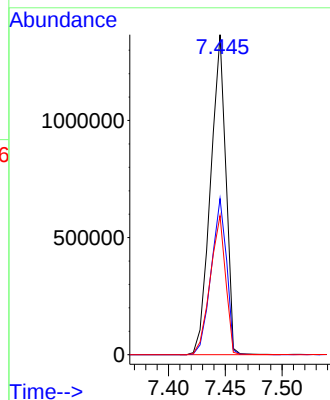
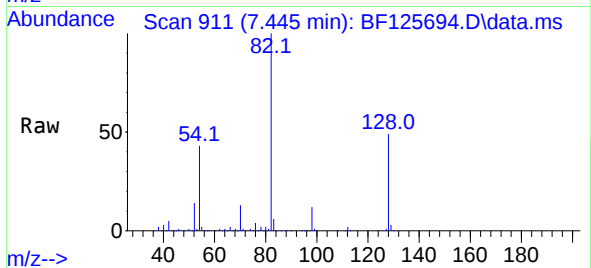




#23  
Nitrobenzene-d5  
Concen: 107.097 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

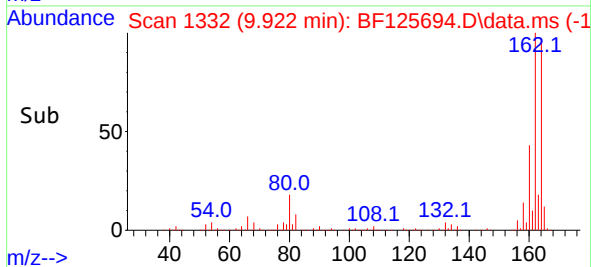
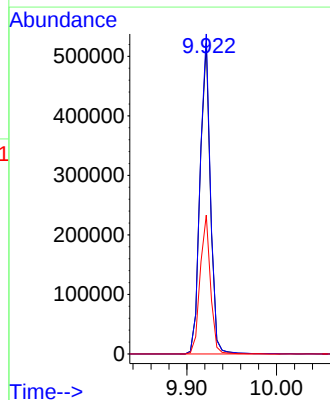
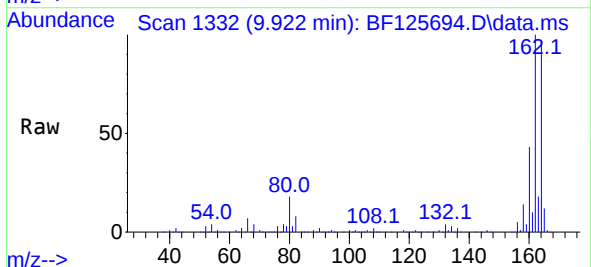
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BNA\_F  
ClientSampleId :  
UNDERPASS

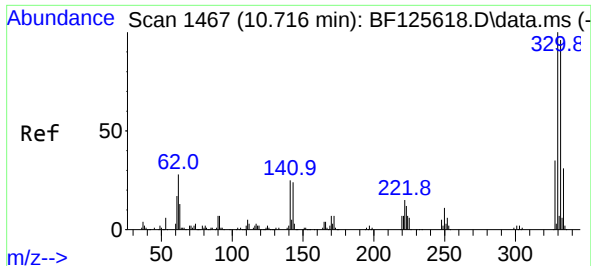
Tgt Ion: 82 Resp: 1276479  
Ion Ratio Lower Upper  
82 100  
128 48.8 40.6 60.8  
54 43.4 49.6 74.4#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

Tgt Ion:164 Resp: 417960  
Ion Ratio Lower Upper  
164 100  
162 103.0 81.3 121.9  
160 44.7 38.0 57.0

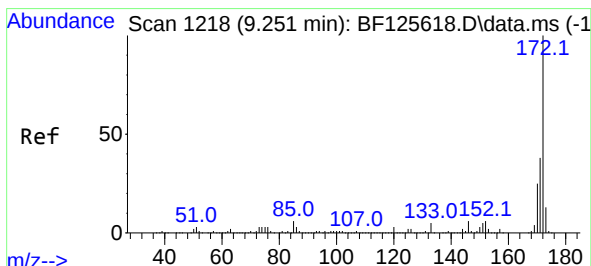
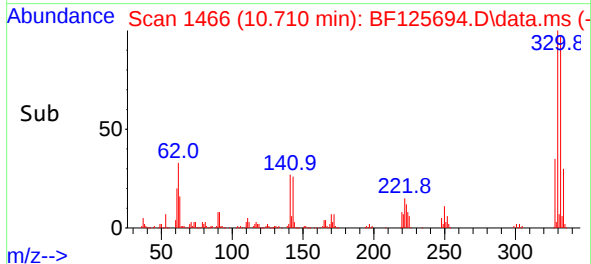
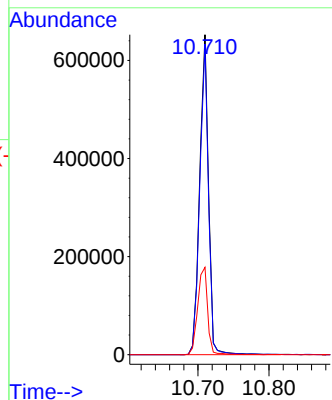
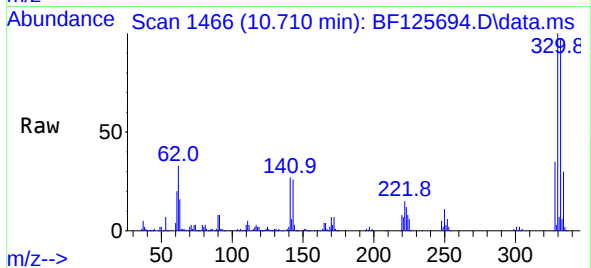




#42  
2,4,6-Tribromophenol  
Concen: 145.900 ng  
RT: 10.710 min Scan# 1466  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

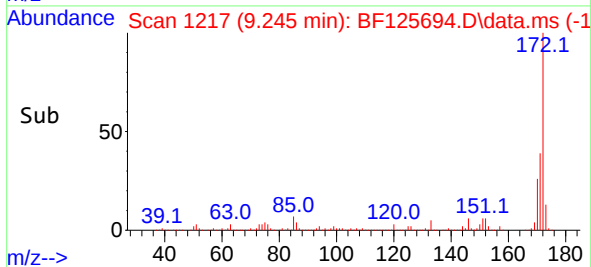
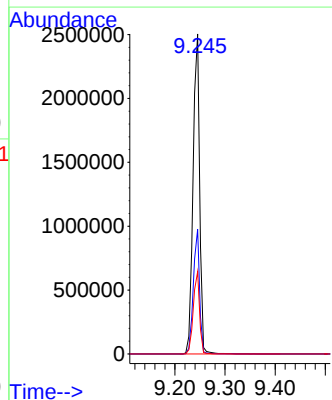
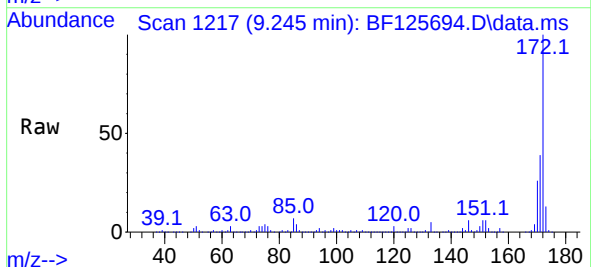
Instrument :  
BNA\_F  
ClientSampleId :  
UNDERPASS

Tgt Ion:330 Resp: 568564  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.2 114.4  
141 30.6 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 100.813 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

Tgt Ion:172 Resp: 2287126  
Ion Ratio Lower Upper  
172 100  
171 39.0 26.5 39.7  
170 25.7 18.8 28.2

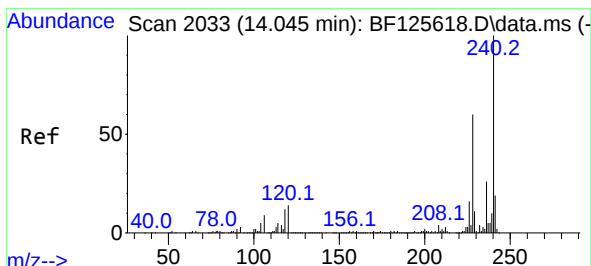
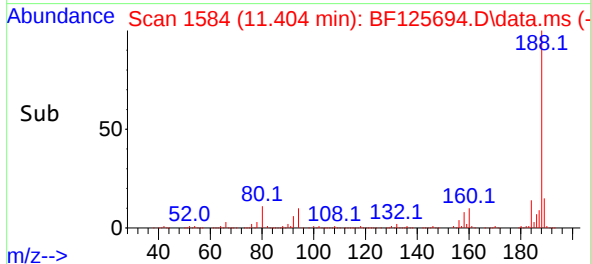
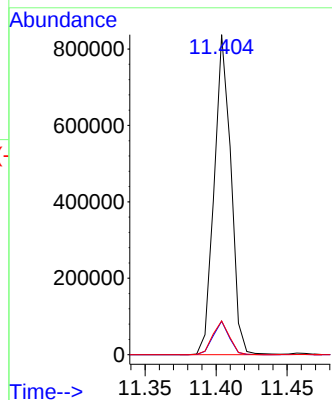
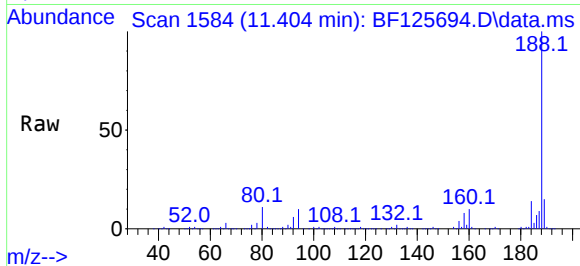




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

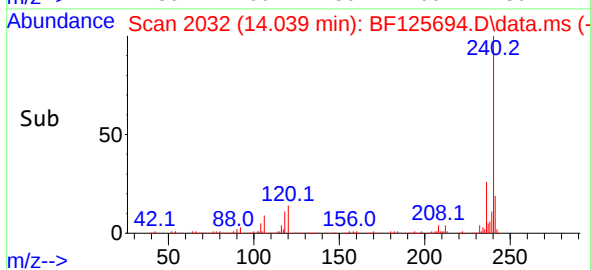
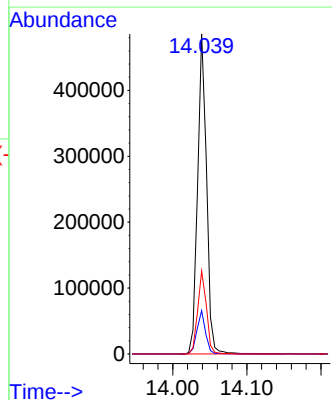
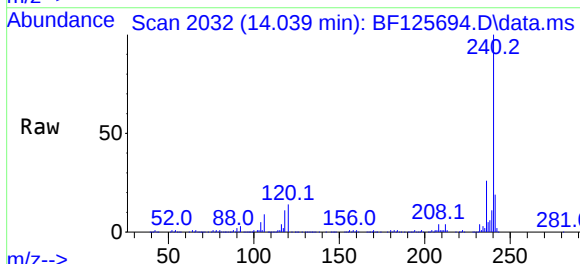
Instrument :  
BNA\_F  
ClientSampleId :  
UNDERPASS

Tgt Ion:188 Resp: 683726  
Ion Ratio Lower Upper  
188 100  
94 10.5 6.7 10.1#  
80 10.6 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

Tgt Ion:240 Resp: 405770  
Ion Ratio Lower Upper  
240 100  
120 13.5 10.8 16.2  
236 25.9 21.6 32.4

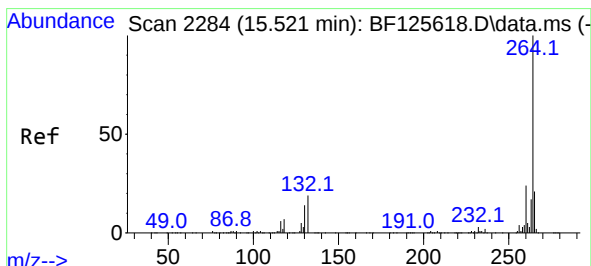
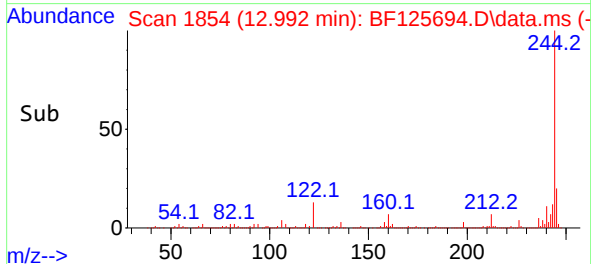
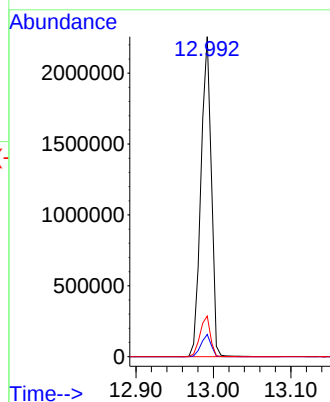
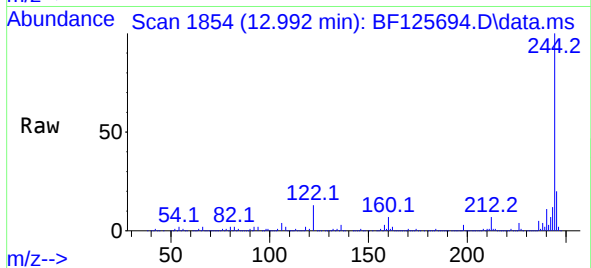




#79  
Terphenyl-d14  
Concen: 89.596 ng  
RT: 12.992 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

Instrument :  
BNA\_F  
ClientSampleId :  
UNDERPASS

Tgt Ion:244 Resp: 2099340  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.9 8.9  
122 12.7 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.515 min Scan# 2283  
Delta R.T. -0.006 min  
Lab File: BF125694.D  
Acq: 28 Sep 2021 18:01

Tgt Ion:264 Resp: 438397  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.6 29.4  
265 20.4 17.2 25.8

