

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102621\  
 Data File : BF125945.D  
 Acq On : 26 Oct 2021 21:11  
 Operator : JU/CG  
 Sample : M4315-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-DD-S

Quant Time: Oct 27 09:04:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 25 18:49:16 2021  
 Response via : Initial Calibration

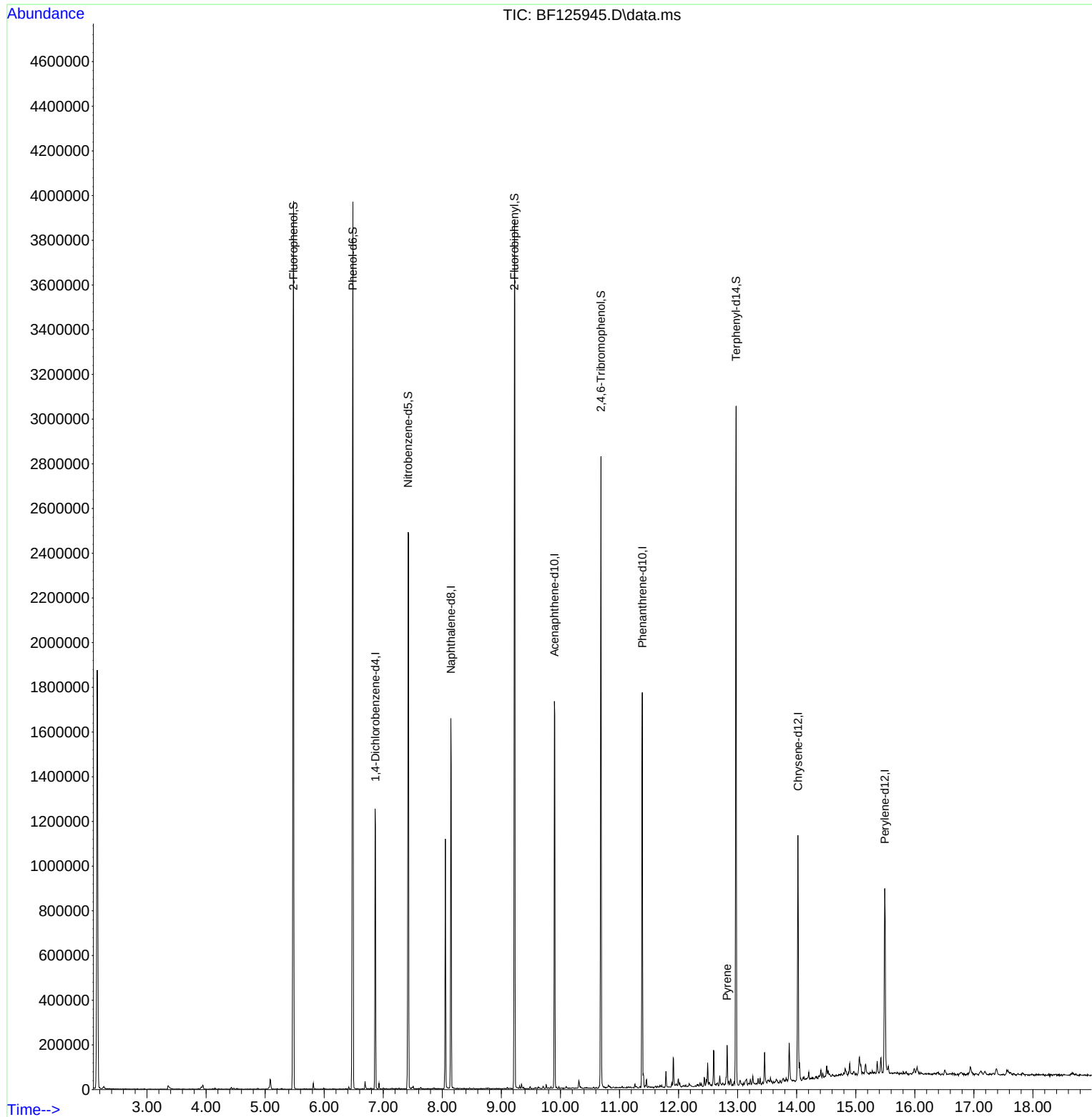
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 164318   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.145  | 136  | 669655   | 20.000 | ng    | #-0.01    |
| 39) Acenaphthene-d10        | 9.898  | 164  | 372123   | 20.000 | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.386 | 188  | 624732   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.021 | 240  | 334884   | 20.000 | ng    | -0.01     |
| 86) Perylene-d12            | 15.492 | 264  | 358433   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.481  | 112  | 932453   | 84.526 | ng    | 0.00      |
| 7) Phenol-d6                | 6.486  | 99   | 1170500  | 77.359 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 775742   | 59.836 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.686 | 330  | 256841   | 79.175 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1193000  | 56.695 | ng    | -0.01     |
| 79) Terphenyl-d14           | 12.974 | 244  | 981251   | 47.929 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 78) Pyrene                  | 12.821 | 202  | 69147    | 2.219  | ng    | Qvalue 98 |
| -----                       |        |      |          |        |       |           |

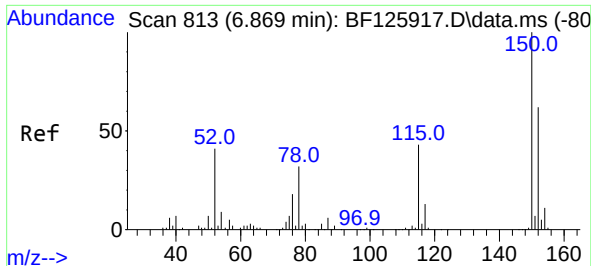
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102621\  
Data File : BF125945.D  
Acq On : 26 Oct 2021 21:11  
Operator : JU/CG  
Sample : M4315-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S

Quant Time: Oct 27 09:04:11 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 25 18:49:16 2021  
Response via : Initial Calibration

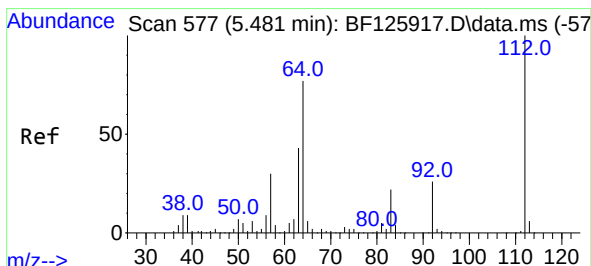
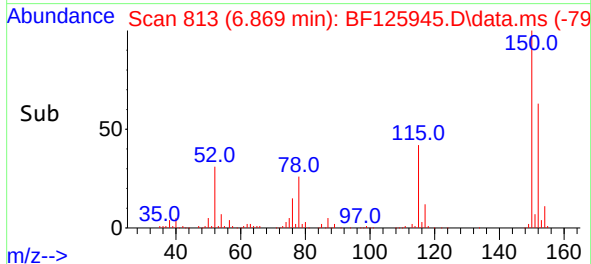
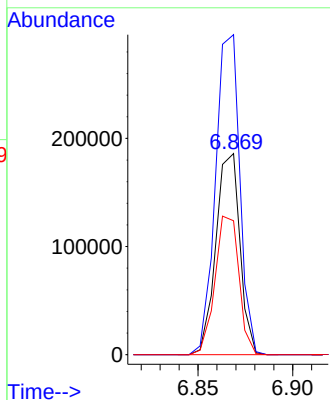
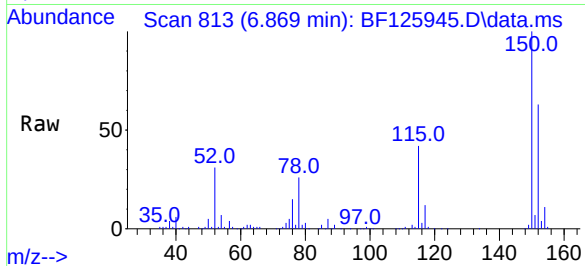




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

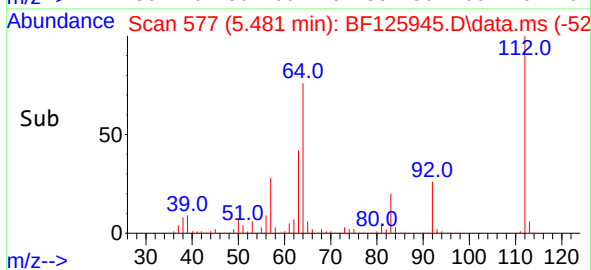
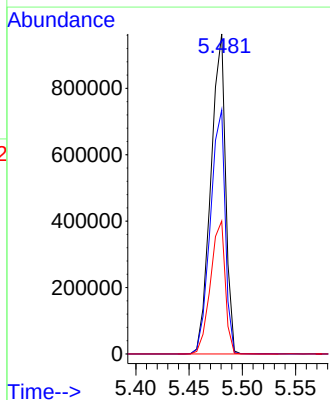
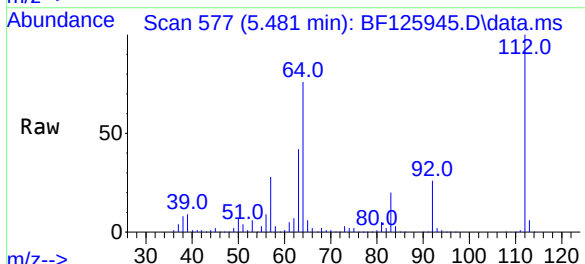
Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S

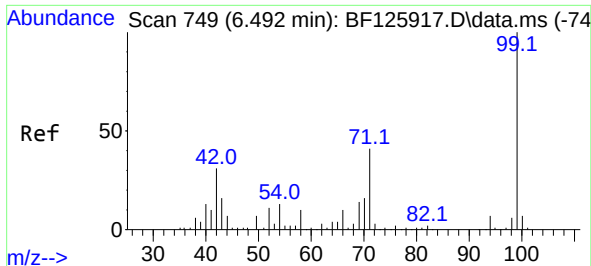
Tgt Ion:152 Resp: 164318  
Ion Ratio Lower Upper  
152 100  
150 159.1 117.6 176.4  
115 66.6 47.1 70.7



#5  
2-Fluorophenol  
Concen: 84.526 ng  
RT: 5.481 min Scan# 577  
Delta R.T. -0.000 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

Tgt Ion:112 Resp: 932453  
Ion Ratio Lower Upper  
112 100  
64 76.3 44.2 66.2#  
63 41.6 26.2 39.2#

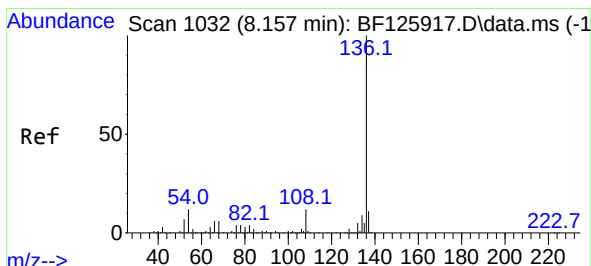
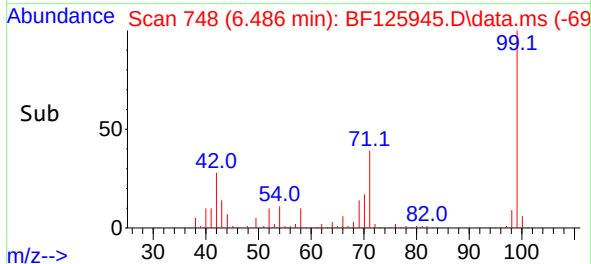
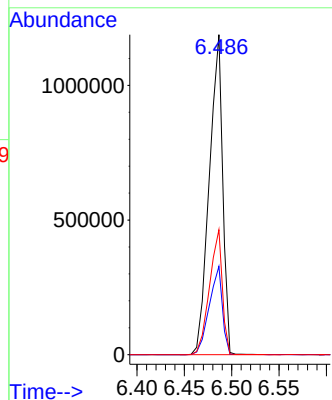
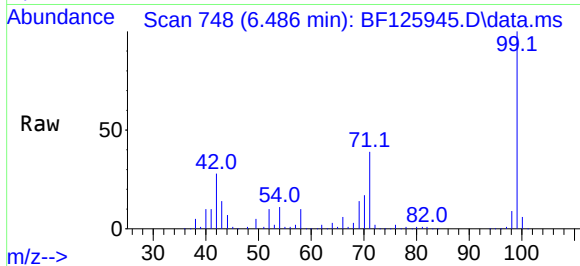




#7  
Phenol-d6  
Concen: 77.359 ng  
RT: 6.486 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

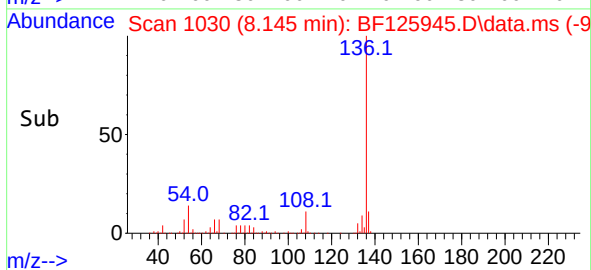
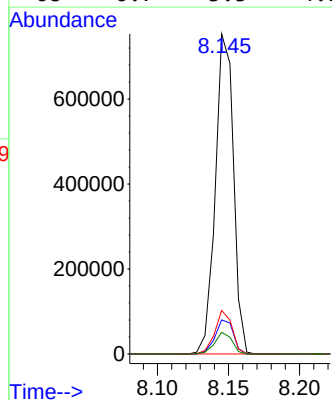
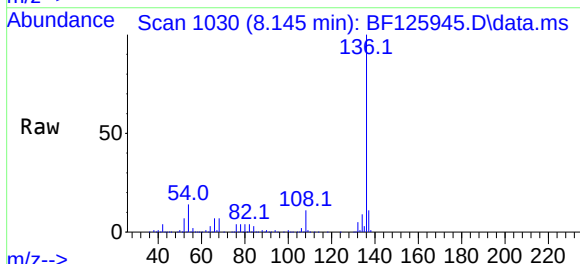
Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S

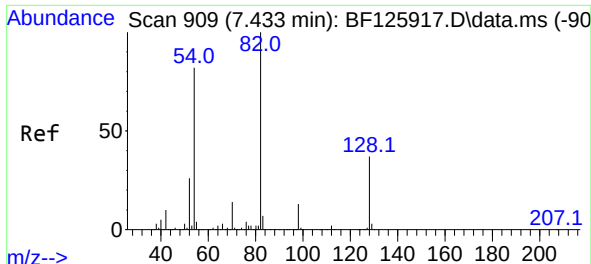
Tgt Ion: 99 Resp: 1170500  
Ion Ratio Lower Upper  
99 100  
42 27.6 23.5 35.3  
71 39.1 25.6 38.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.145 min Scan# 1030  
Delta R.T. -0.012 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

Tgt Ion: 136 Resp: 669655  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.8 14.6  
54 13.6 6.4 9.6#  
68 6.7 3.3 4.9#

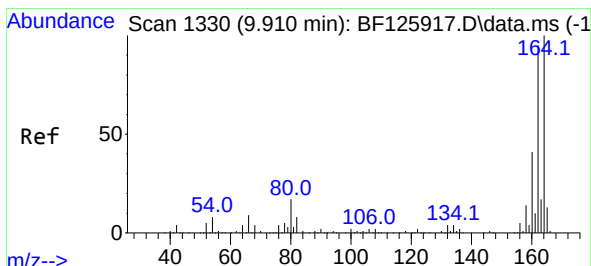
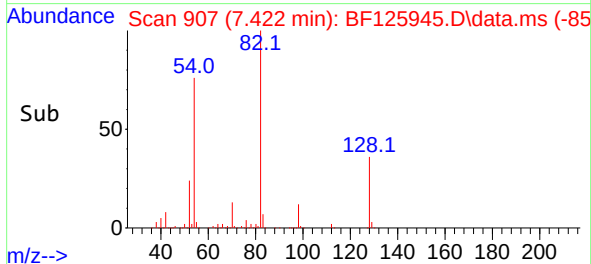
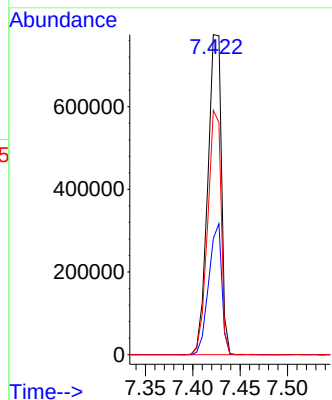
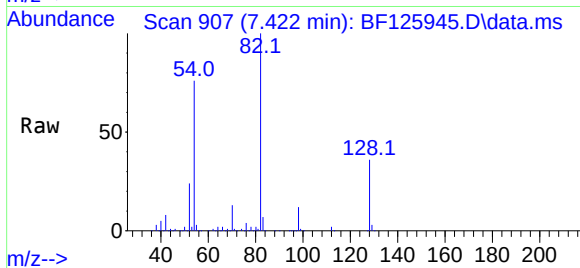




#23  
Nitrobenzene-d5  
Concen: 59.836 ng  
RT: 7.422 min Scan# 907  
Delta R.T. -0.012 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

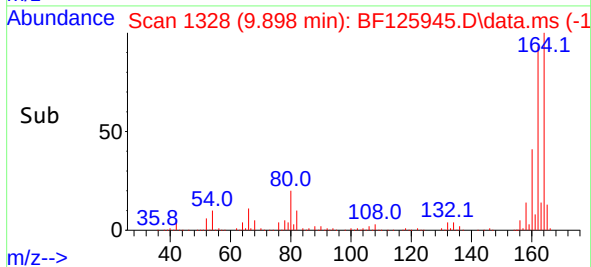
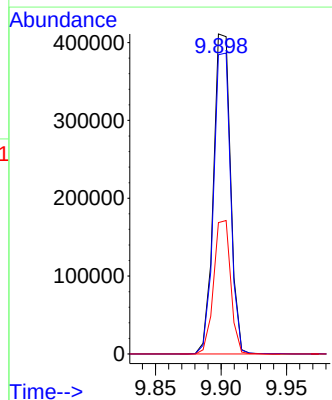
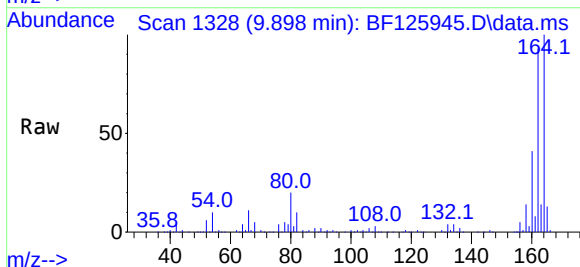
Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S

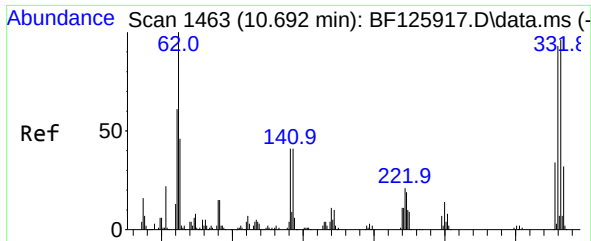
Tgt Ion: 82 Resp: 775742  
Ion Ratio Lower Upper  
82 100  
128 36.3 40.6 60.8#  
54 76.4 49.6 74.4#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.012 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

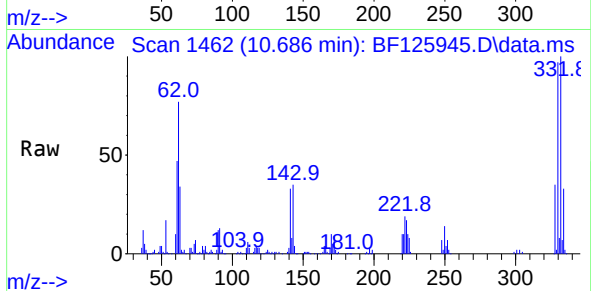
Tgt Ion:164 Resp: 372123  
Ion Ratio Lower Upper  
164 100  
162 93.5 81.3 121.9  
160 41.0 38.0 57.0



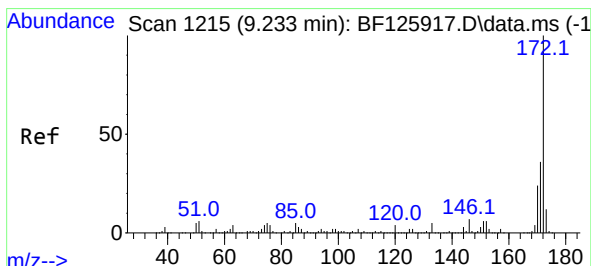
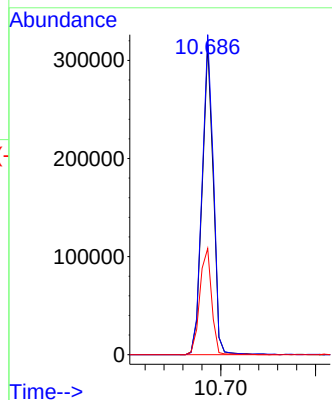
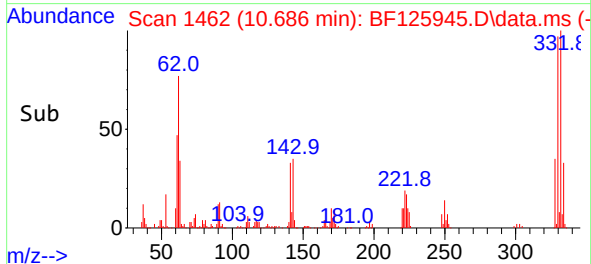


#42  
2,4,6-Tribromophenol  
Concen: 79.175 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.006 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

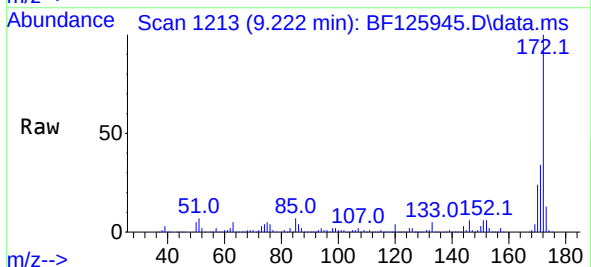
Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S



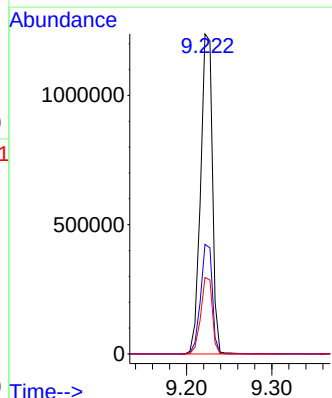
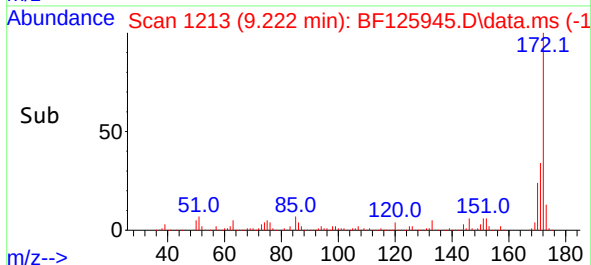
Tgt Ion:330 Resp: 256841  
Ion Ratio Lower Upper  
330 100  
332 104.3 76.2 114.4  
141 36.6 44.6 66.8#

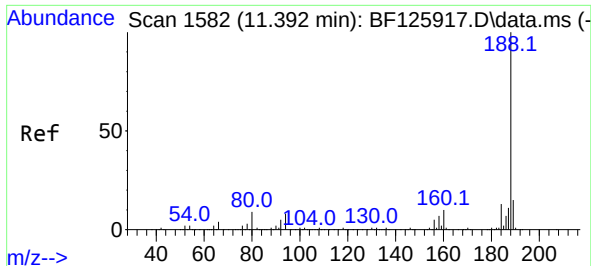


#45  
2-Fluorobiphenyl  
Concen: 56.695 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.012 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11



Tgt Ion:172 Resp: 1193000  
Ion Ratio Lower Upper  
172 100  
171 34.2 26.5 39.7  
170 23.9 18.8 28.2

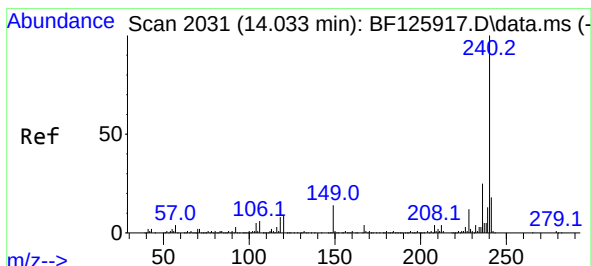
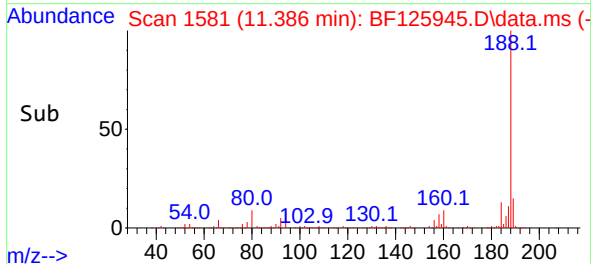
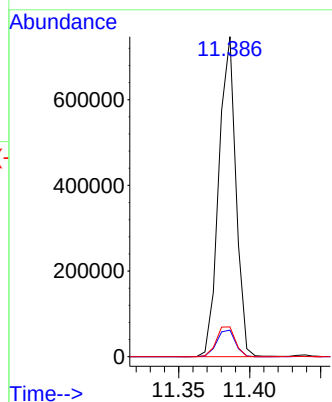
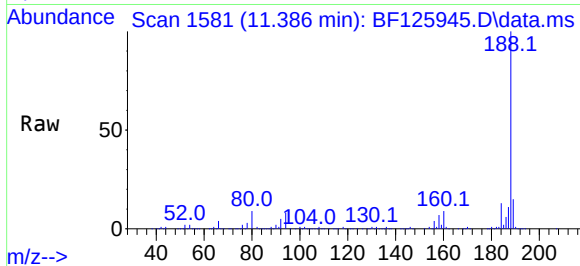




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.006 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

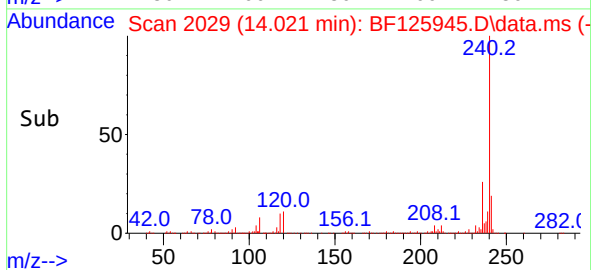
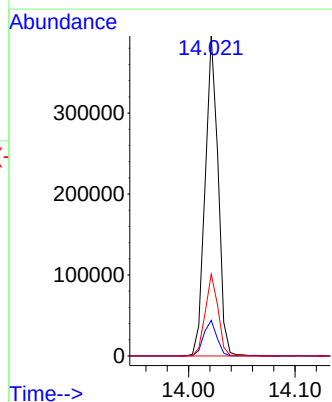
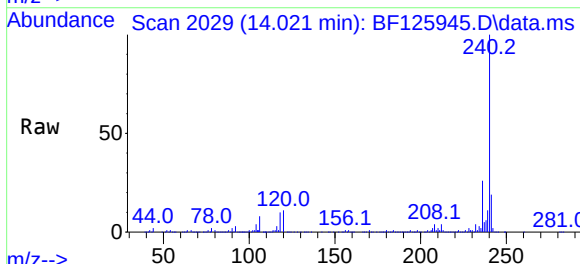
Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S

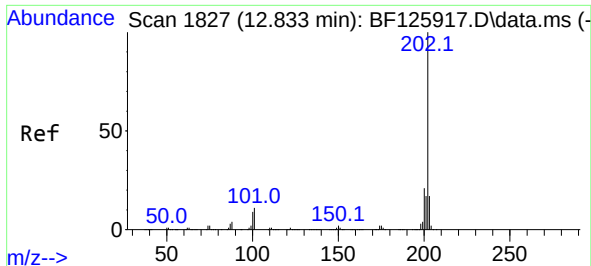
Tgt Ion:188 Resp: 624732  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.7 10.1  
80 9.3 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. -0.012 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

Tgt Ion:240 Resp: 334884  
Ion Ratio Lower Upper  
240 100  
120 11.1 10.8 16.2  
236 25.6 21.6 32.4



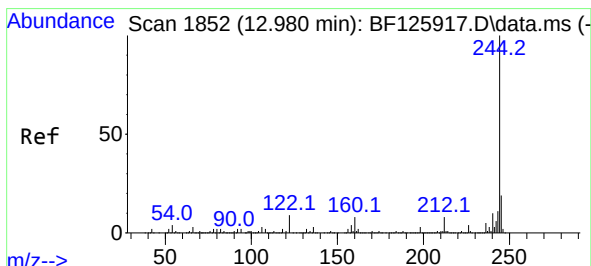
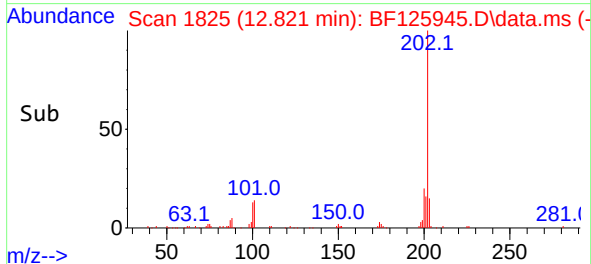
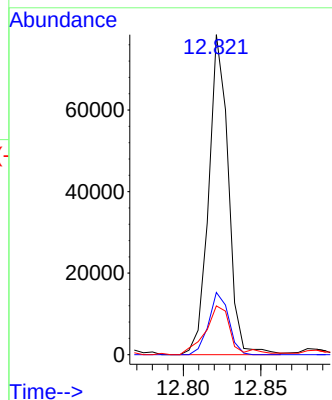
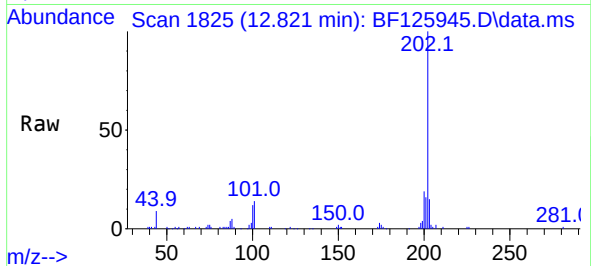


#78  
Pyrene  
Concen: 2.219 ng  
RT: 12.821 min Scan# 1825  
Delta R.T. -0.012 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S

Tgt Ion:202 Resp: 69147

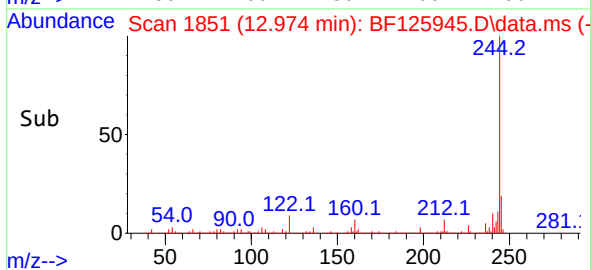
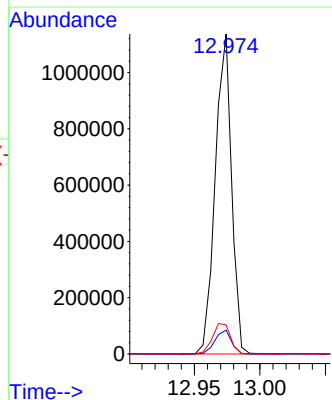
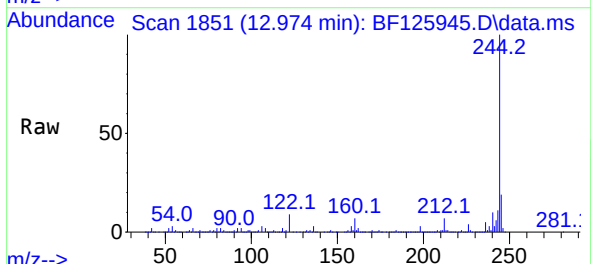
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 19.5  | 15.3  | 22.9  |
| 203 | 15.2  | 13.4  | 20.0  |



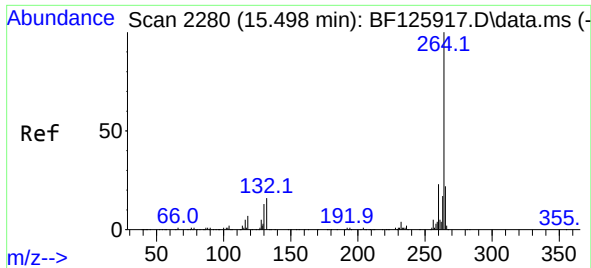
#79  
Terphenyl-d14  
Concen: 47.929 ng  
RT: 12.974 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

Tgt Ion:244 Resp: 981251

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 5.9   | 8.9   |
| 122 | 9.1   | 9.0   | 13.4  |







#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.492 min Scan# 2279  
Delta R.T. -0.006 min  
Lab File: BF125945.D  
Acq: 26 Oct 2021 21:11

Instrument :  
BNA\_F  
ClientSampleId :  
MH-DD-S

Tgt Ion:264 Resp: 358433  
Ion Ratio Lower Upper  
264 100  
260 25.0 19.6 29.4  
265 23.2 17.2 25.8

