

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091521\  
 Data File : BF125509.D  
 Acq On : 15 Sep 2021 17:48  
 Operator : JU/CG  
 Sample : PB139103TB  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139103TB

Quant Time: Sep 16 03:06:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF091521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 15 15:08:32 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 165928   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 663749   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.904  | 164  | 364436   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 697578   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 580608   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.527 | 264  | 502804   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 1195651  | 114.495 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 1518262  | 109.390 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 1035855  | 77.054  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 526503   | 118.619 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 1882665  | 75.804  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 2468275  | 68.935  | ng    | 0.00     |

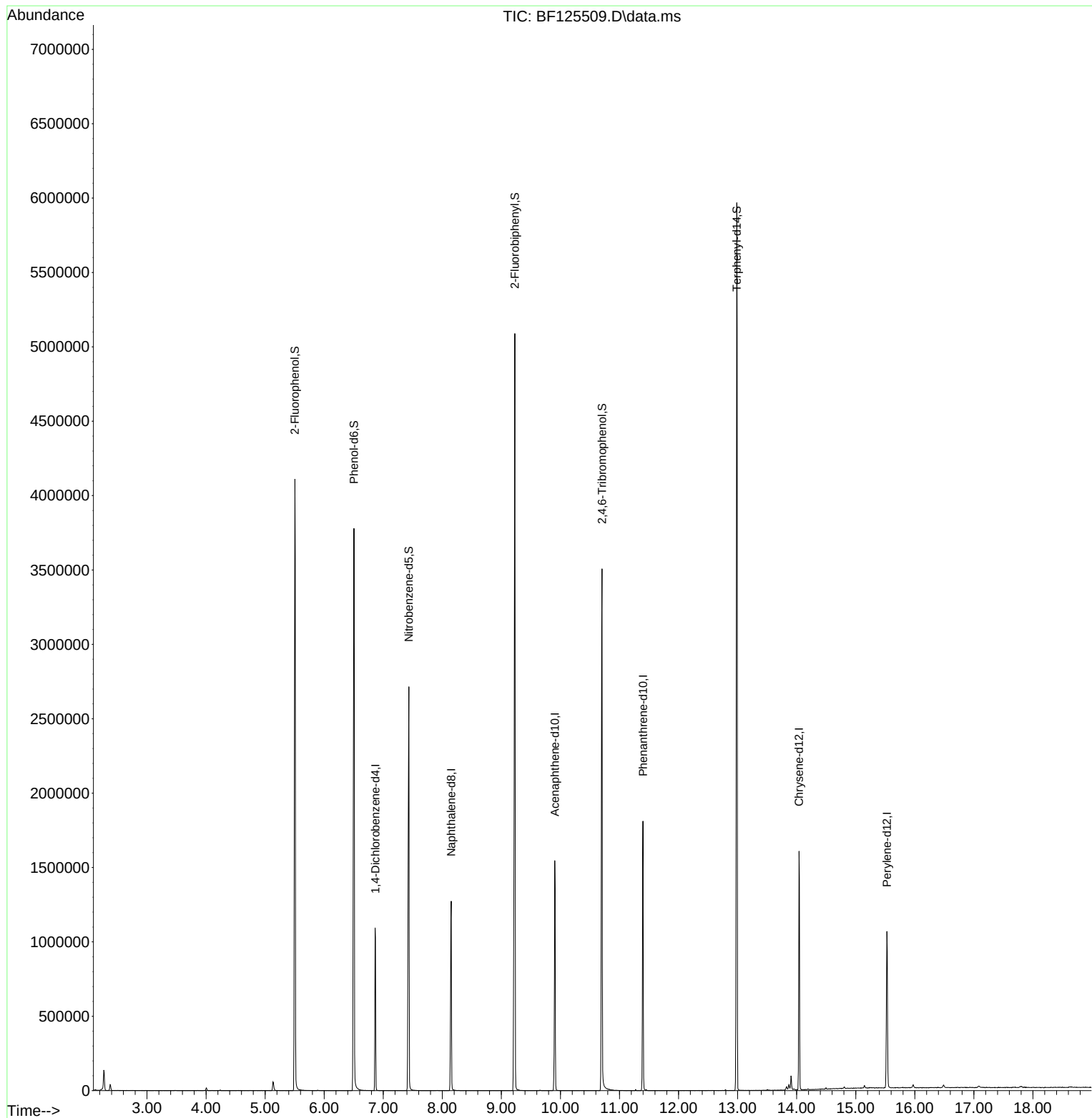
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

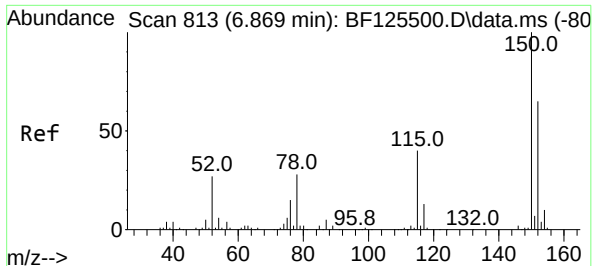
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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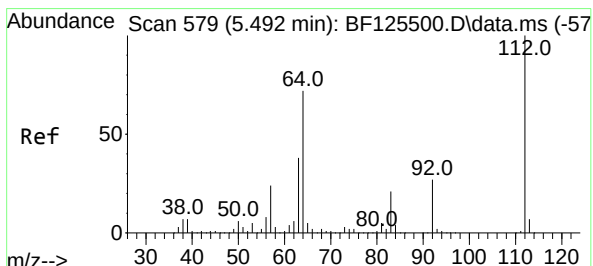
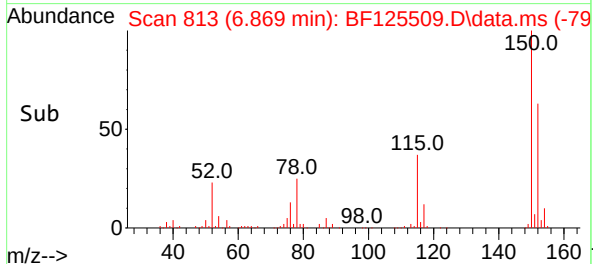
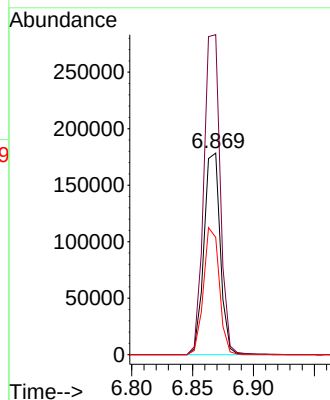
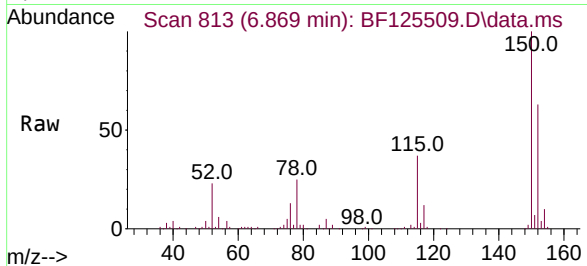




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF125509.D  
Acq: 15 Sep 2021 17:48

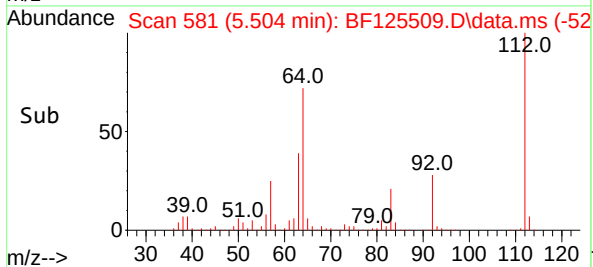
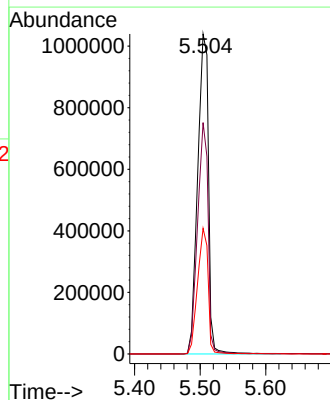
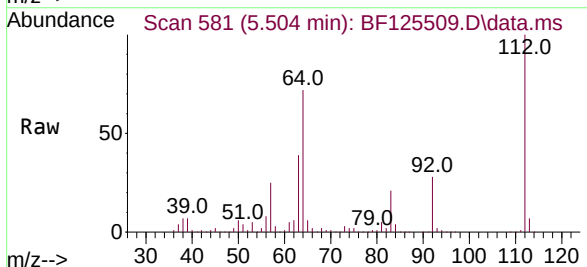
Instrument :  
BNA\_F  
ClientSampleId :  
PB139103TB

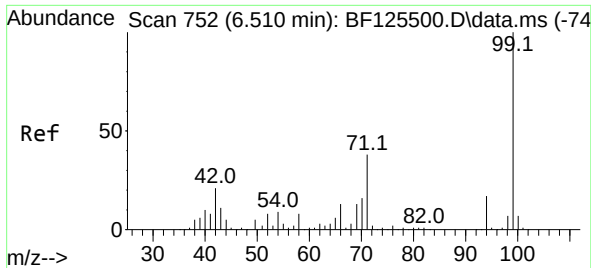
Tgt Ion:152 Resp: 165928  
Ion Ratio Lower Upper  
152 100  
150 158.8 117.6 176.4  
115 58.2 47.1 70.7



#5  
2-Fluorophenol  
Concen: 114.495 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF125509.D  
Acq: 15 Sep 2021 17:48

Tgt Ion:112 Resp: 1195651  
Ion Ratio Lower Upper  
112 100  
64 72.3 44.2 66.2#  
63 39.2 26.2 39.2

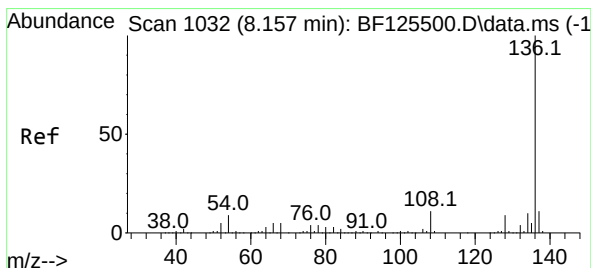
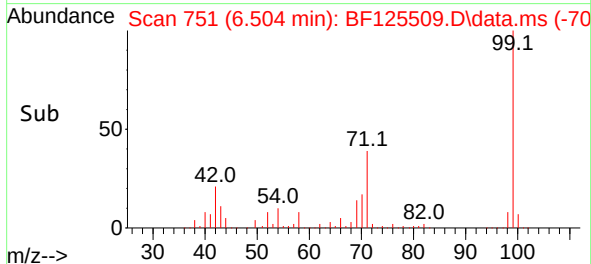
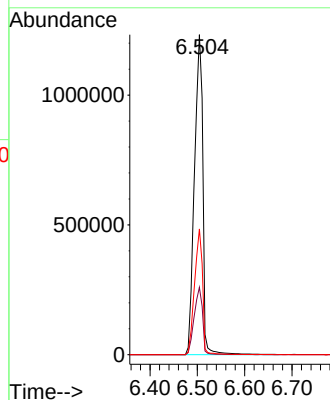
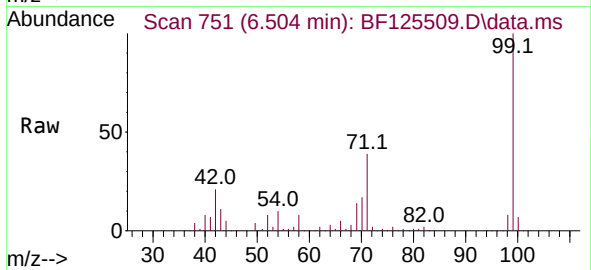




#7  
Phenol-d6  
Concen: 109.390 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF125509.D  
Acq: 15 Sep 2021 17:48

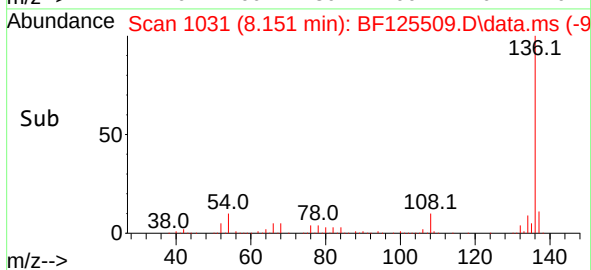
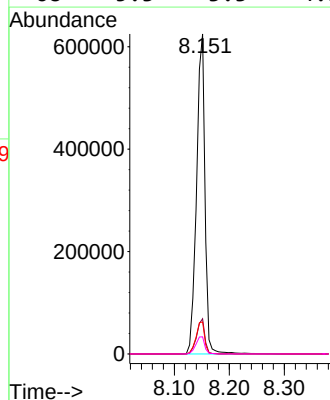
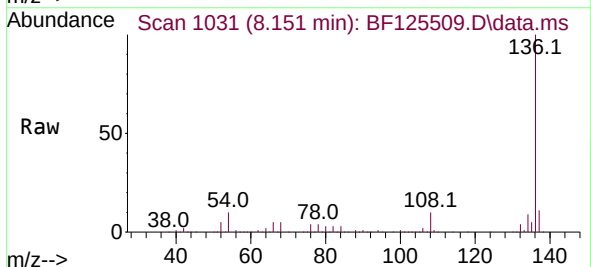
Instrument :  
BNA\_F  
ClientSampleId :  
PB139103TB

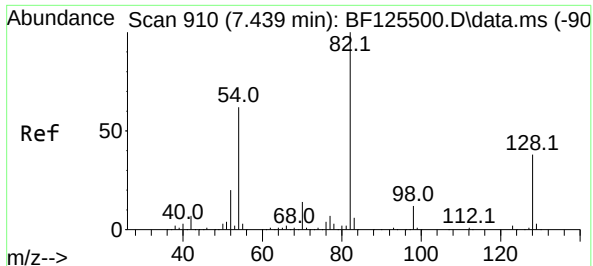
Tgt Ion: 99 Resp: 1518262  
Ion Ratio Lower Upper  
99 100  
42 21.1 23.5 35.3#  
71 39.3 25.6 38.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF125509.D  
Acq: 15 Sep 2021 17:48

Tgt Ion: 136 Resp: 663749  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.8 14.6  
54 10.0 6.4 9.6#  
68 5.3 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 77.054 ng

RT: 7.434 min Scan# 909

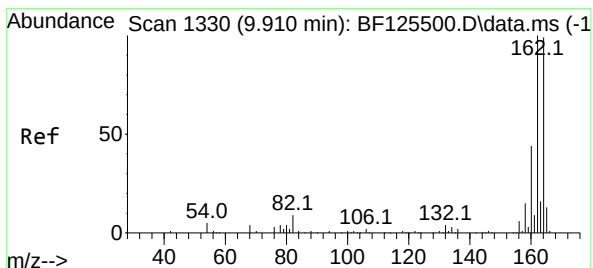
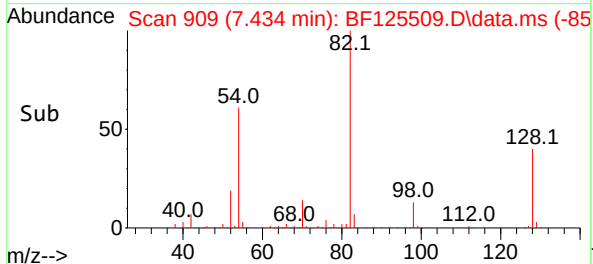
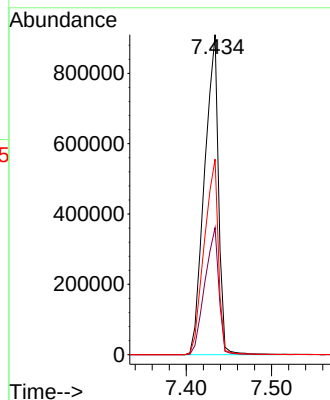
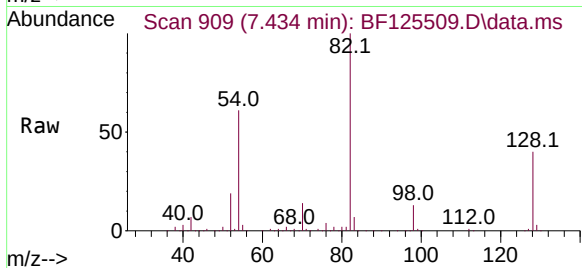
Delta R.T. -0.005 min

Lab File: BF125509.D

Acq: 15 Sep 2021 17:48

Tgt Ion: 82 Resp: 1035855

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.7  | 40.6  | 60.8# |
| 54  | 61.1  | 49.6  | 74.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

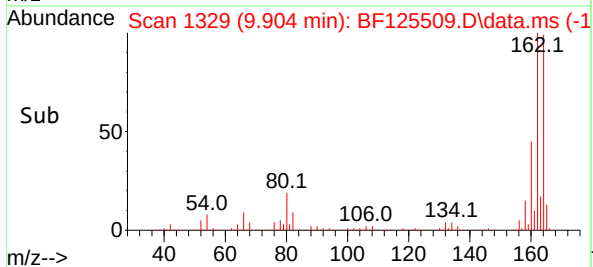
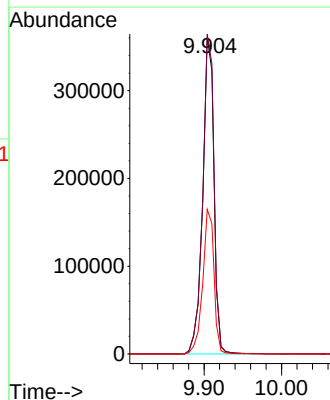
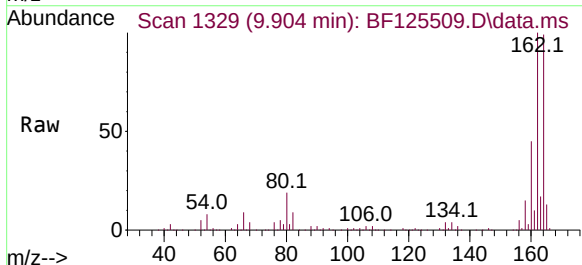
Delta R.T. -0.006 min

Lab File: BF125509.D

Acq: 15 Sep 2021 17:48

Tgt Ion:164 Resp: 364436

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.9 | 81.3  | 121.9 |
| 160 | 45.6  | 38.0  | 57.0  |

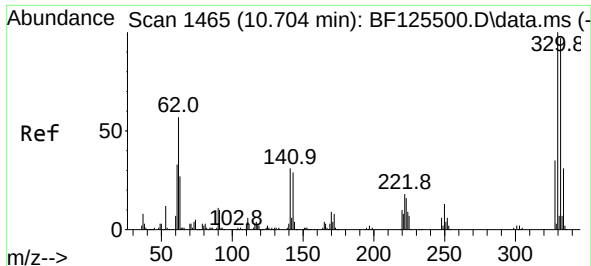


Instrument :

BNA\_F

ClientSampleId :

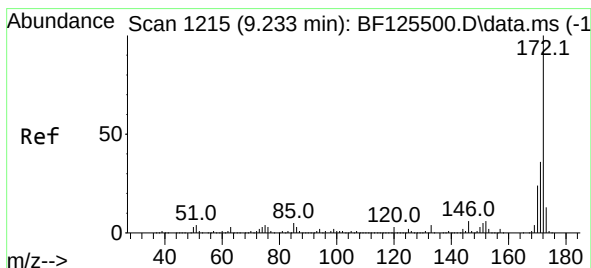
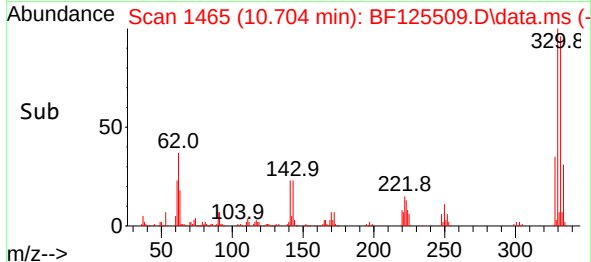
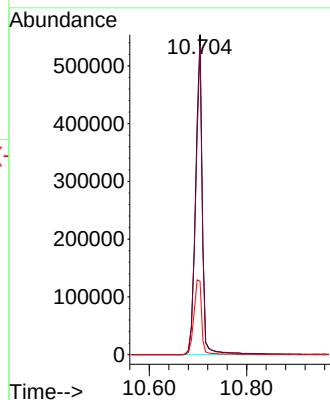
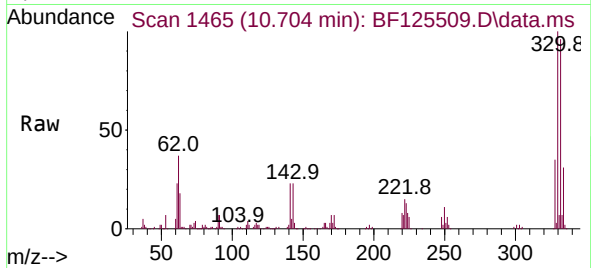
PB139103TB



#42  
 2,4,6-Tribromophenol  
 Concen: 118.619 ng  
 RT: 10.704 min Scan# 1465  
 Delta R.T. 0.000 min  
 Lab File: BF125509.D  
 Acq: 15 Sep 2021 17:48

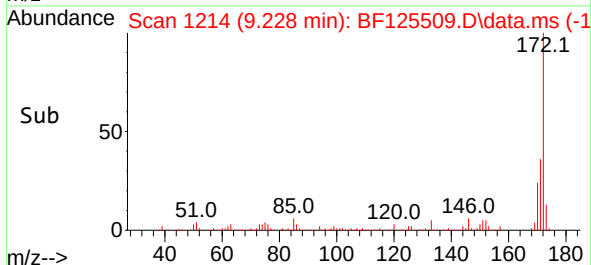
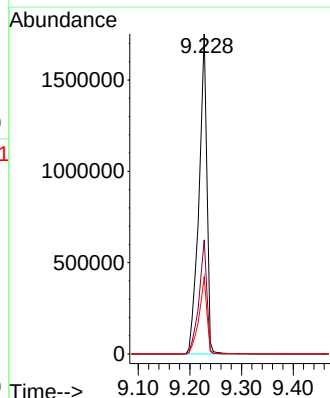
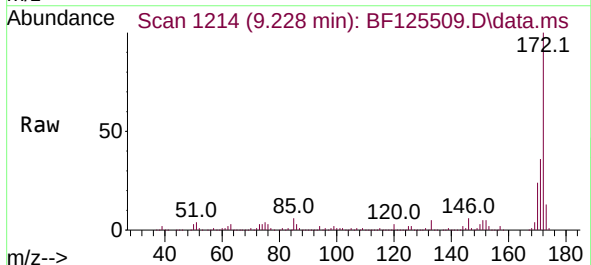
Instrument :  
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 ClientSampleId :  
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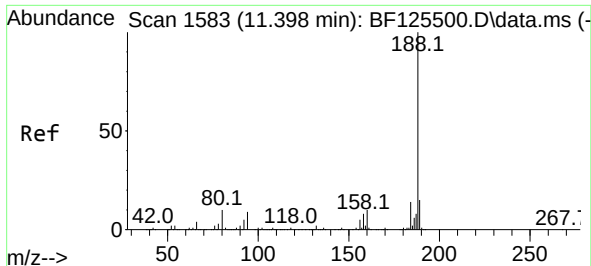
Tgt Ion:330 Resp: 526503  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 76.2 114.4  
 141 27.1 44.6 66.8#



#45  
 2-Fluorobiphenyl  
 Concen: 75.804 ng  
 RT: 9.228 min Scan# 1214  
 Delta R.T. -0.005 min  
 Lab File: BF125509.D  
 Acq: 15 Sep 2021 17:48

Tgt Ion:172 Resp: 1882665  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 26.5 39.7  
 170 24.0 18.8 28.2

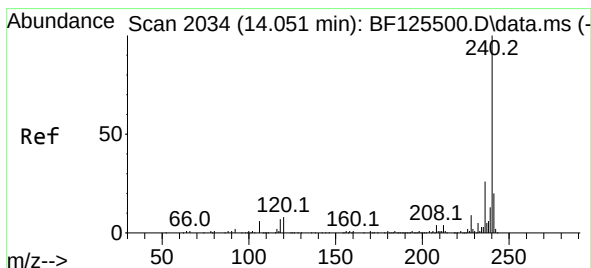
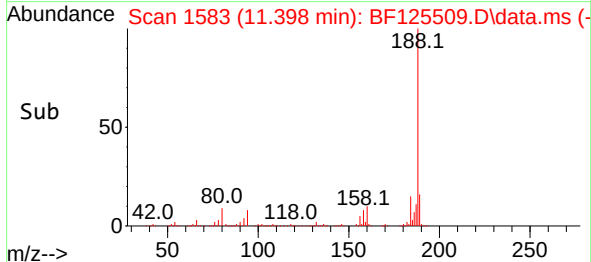
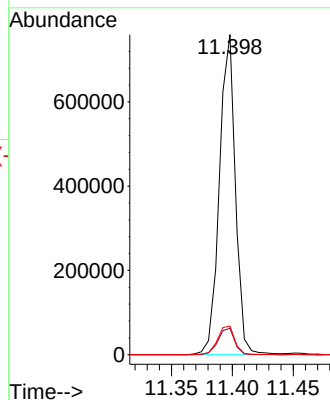
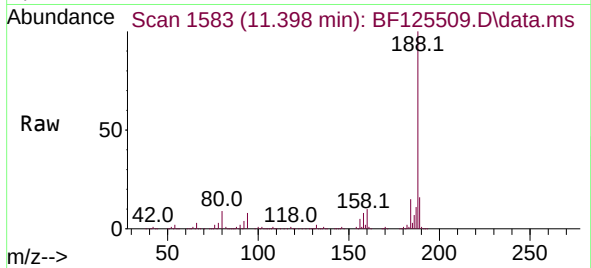




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF125509.D  
Acq: 15 Sep 2021 17:48

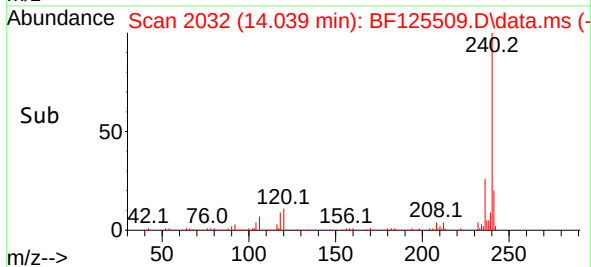
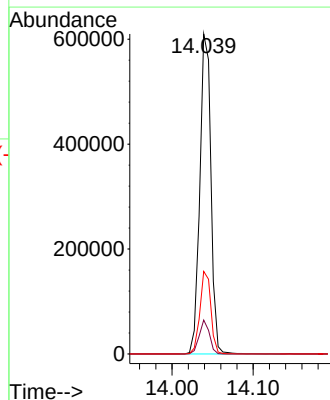
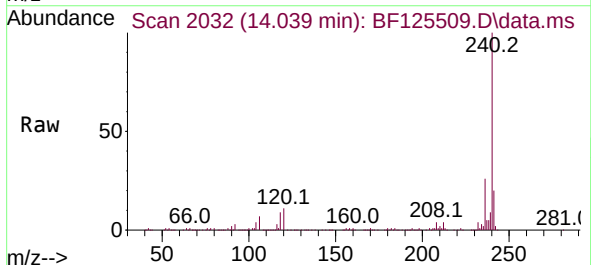
Instrument :  
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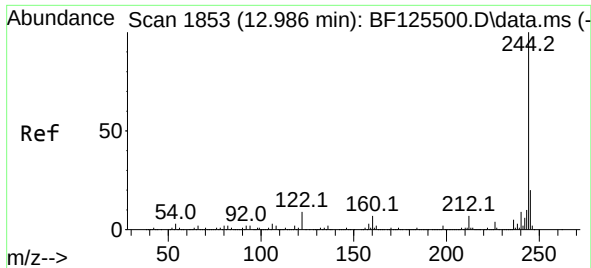
Tgt Ion:188 Resp: 697578  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.7 10.1  
80 9.0 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF125509.D  
Acq: 15 Sep 2021 17:48

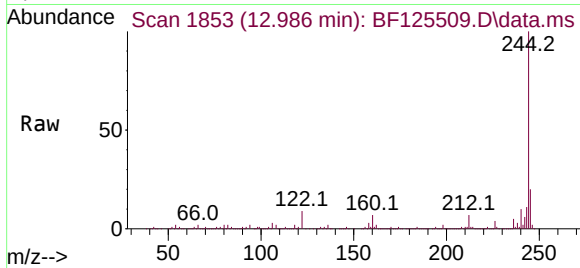
Tgt Ion:240 Resp: 580608  
Ion Ratio Lower Upper  
240 100  
120 10.6 10.8 16.2#  
236 25.8 21.6 32.4





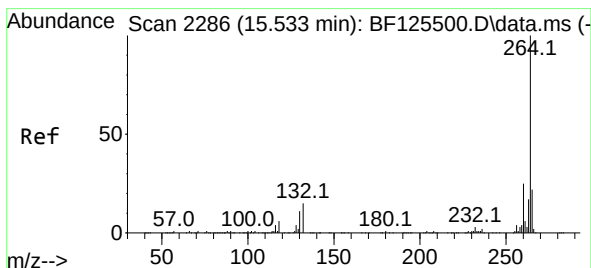
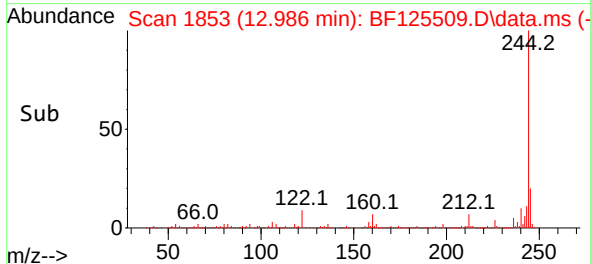
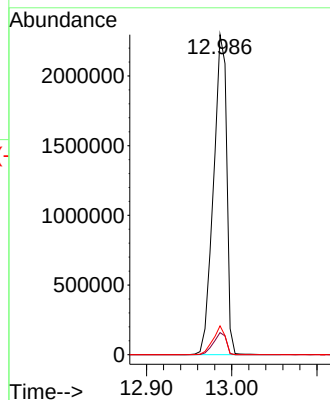
#79  
 Terphenyl-d14  
 Concen: 68.935 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: BF125509.D  
 Acq: 15 Sep 2021 17:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139103TB



Tgt Ion:244 Resp: 2468275  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.9   | 5.9   | 8.9   |
| 122 | 9.0   | 9.0   | 13.4  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2285  
 Delta R.T. -0.006 min  
 Lab File: BF125509.D  
 Acq: 15 Sep 2021 17:48

Tgt Ion:264 Resp: 502804  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 19.6  | 29.4  |
| 265 | 22.6  | 17.2  | 25.8  |

