

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091521\  
 Data File : BF125512.D  
 Acq On : 15 Sep 2021 19:29  
 Operator : JU/CG  
 Sample : M3684-21  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A006070

Quant Time: Sep 16 03:06:58 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  | 169993   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 661561   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.904  | 164  | 366502   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 693487   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 537089   | 20.000 | ng    | #-0.01   |
| 86) Perylene-d12            | 15.527 | 264  | 426482   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 850361   | 79.483 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 1114332  | 78.367 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.433  | 82   | 763668   | 56.995 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 79107    | 17.722 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.227  | 172  | 1419132  | 56.818 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1776220  | 53.626 | ng    | 0.00     |

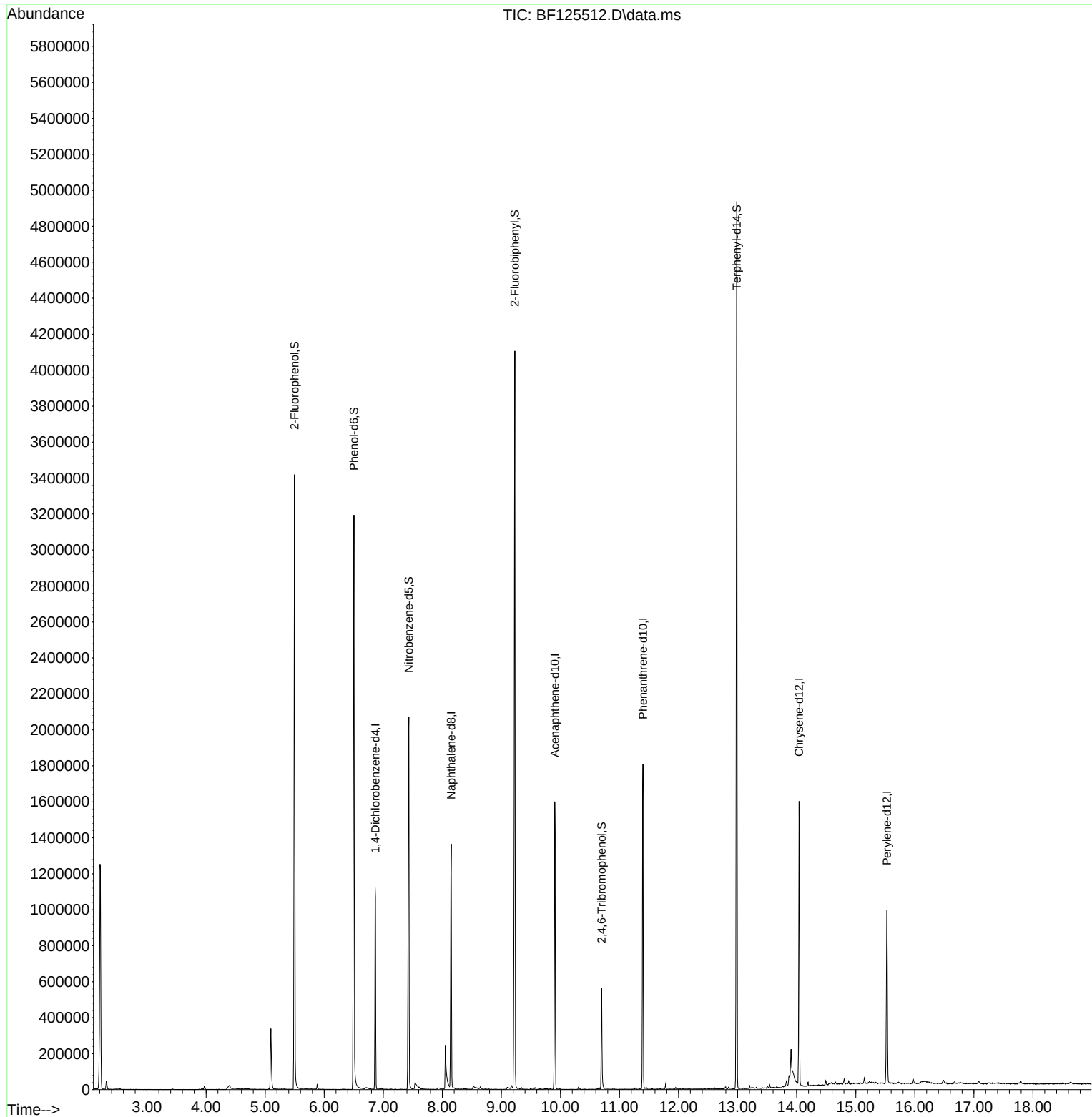
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

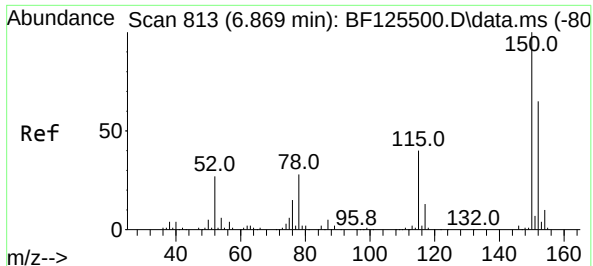
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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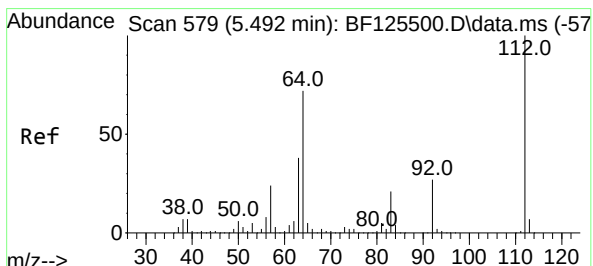
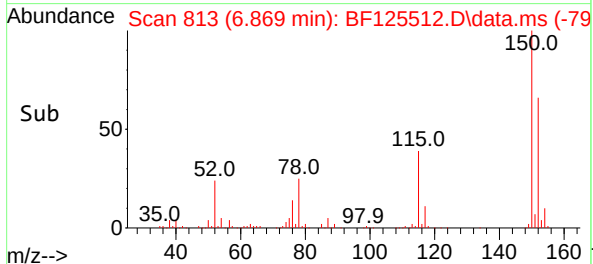
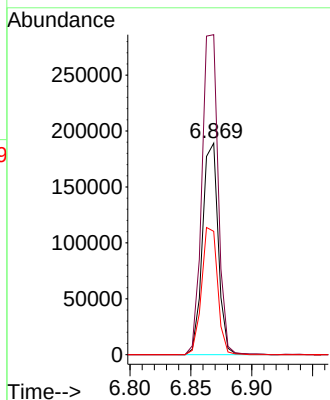
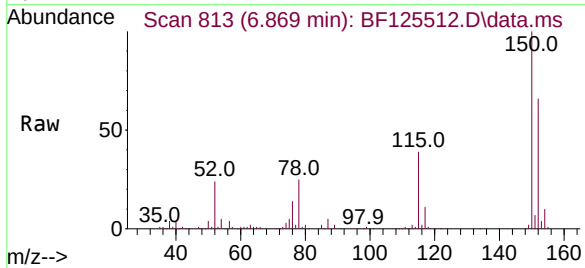




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

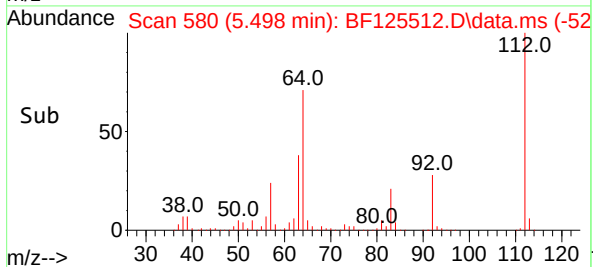
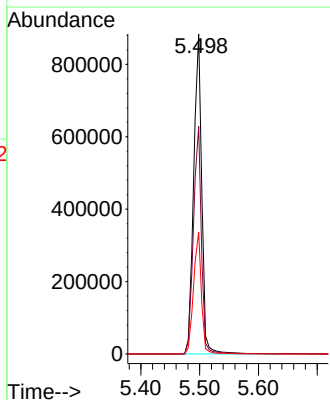
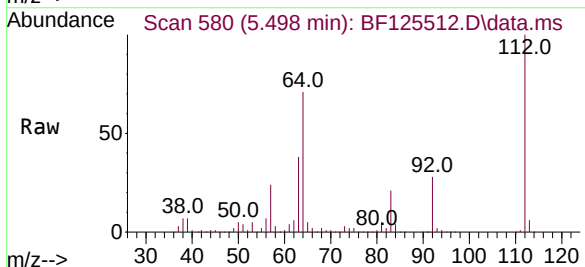
Instrument :  
BNA\_F  
ClientSampleId :  
A006070

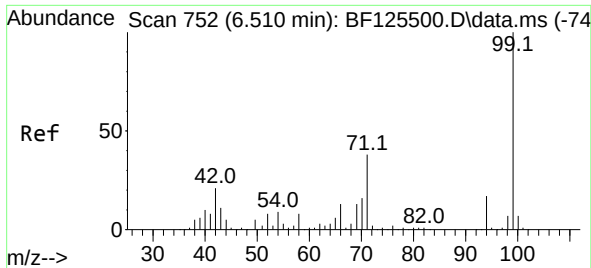
Tgt Ion:152 Resp: 169993  
Ion Ratio Lower Upper  
152 100  
150 151.3 117.6 176.4  
115 58.3 47.1 70.7



#5  
2-Fluorophenol  
Concen: 79.483 ng  
RT: 5.498 min Scan# 580  
Delta R.T. 0.006 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

Tgt Ion:112 Resp: 850361  
Ion Ratio Lower Upper  
112 100  
64 71.1 44.2 66.2#  
63 38.1 26.2 39.2

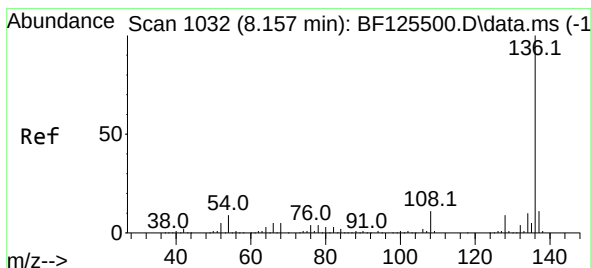
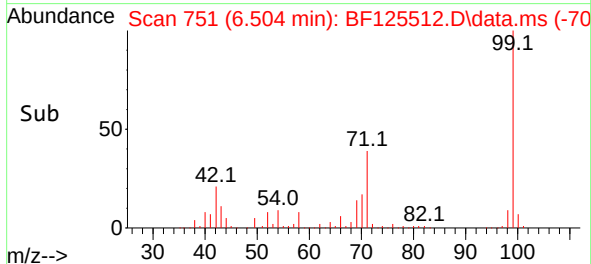
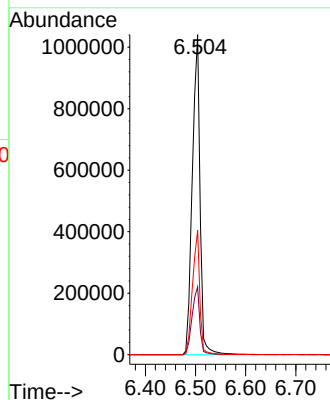
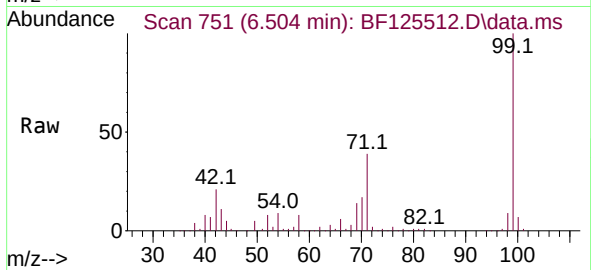




#7  
Phenol-d6  
Concen: 78.367 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

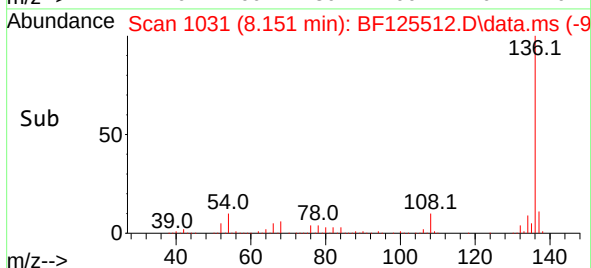
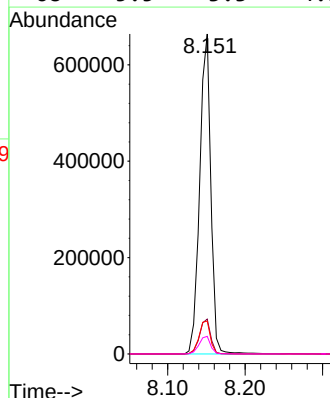
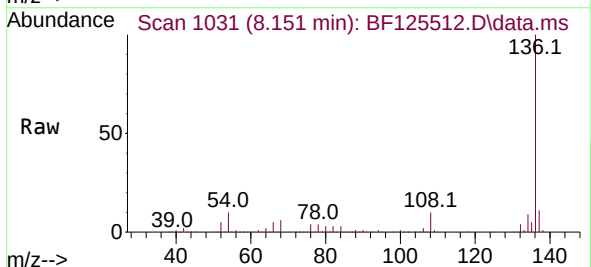
Instrument :  
BNA\_F  
ClientSampleId :  
A006070

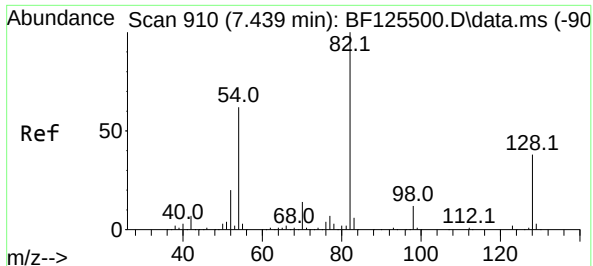
Tgt Ion: 99 Resp: 1114332  
Ion Ratio Lower Upper  
99 100  
42 21.2 23.5 35.3#  
71 38.9 25.6 38.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

Tgt Ion: 136 Resp: 661561  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.8 14.6  
54 10.3 6.4 9.6#  
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 56.995 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF125512.D

Acq: 15 Sep 2021 19:29

Tgt Ion: 82 Resp: 763668

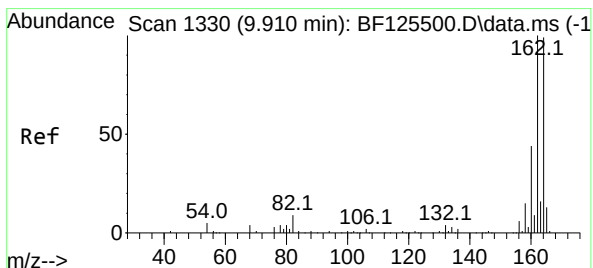
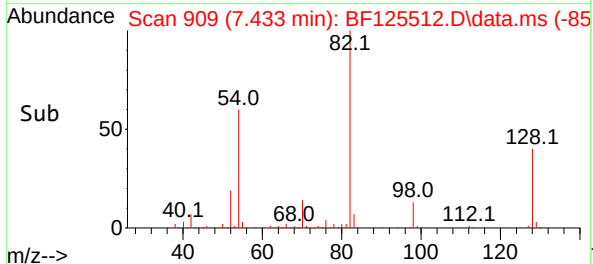
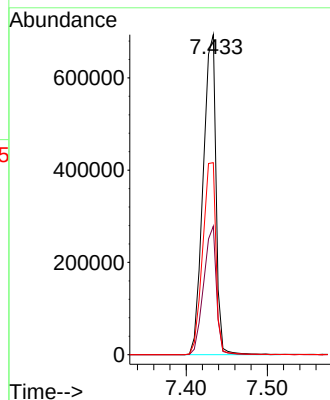
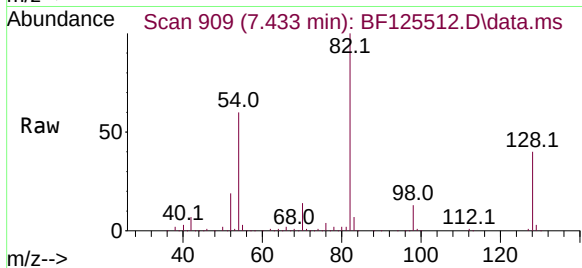
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.1  | 40.6  | 60.8# |
| 54  | 60.0  | 49.6  | 74.4  |

Instrument :

BNA\_F

ClientSampleId :

A006070



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

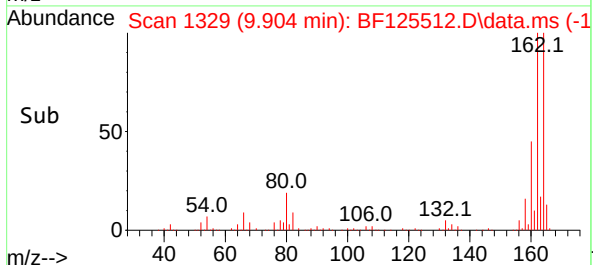
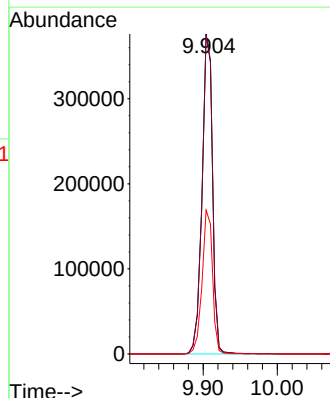
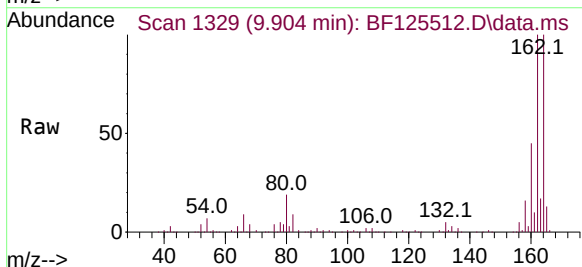
Delta R.T. -0.006 min

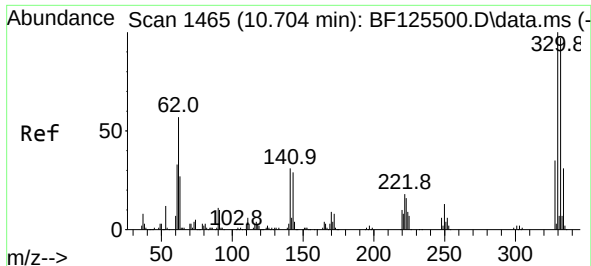
Lab File: BF125512.D

Acq: 15 Sep 2021 19:29

Tgt Ion:164 Resp: 366502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.7  | 81.3  | 121.9 |
| 160 | 45.0  | 38.0  | 57.0  |

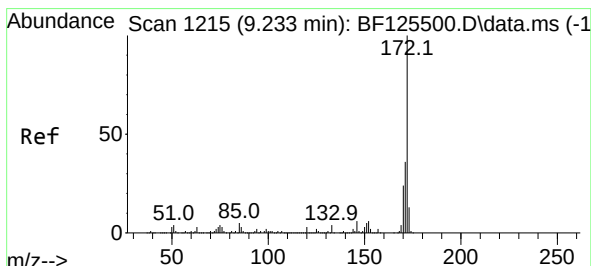
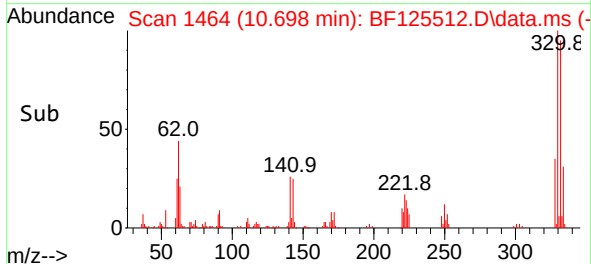
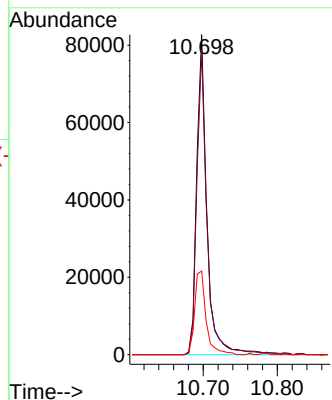
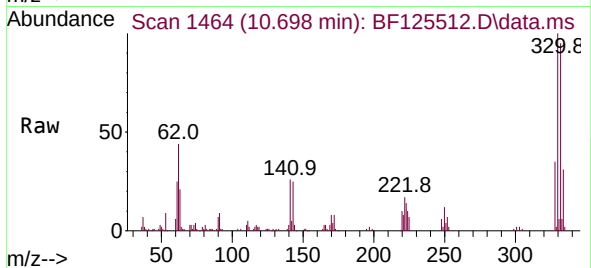




#42  
2,4,6-Tribromophenol  
Concen: 17.722 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

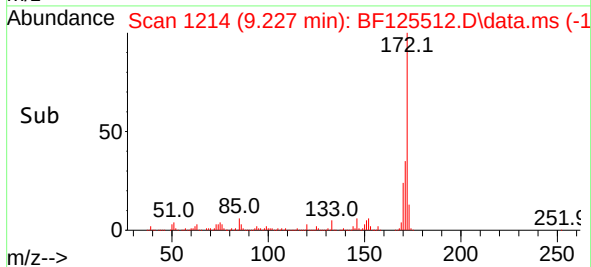
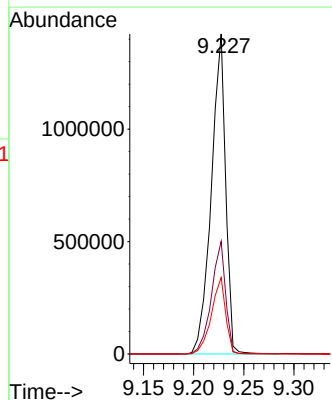
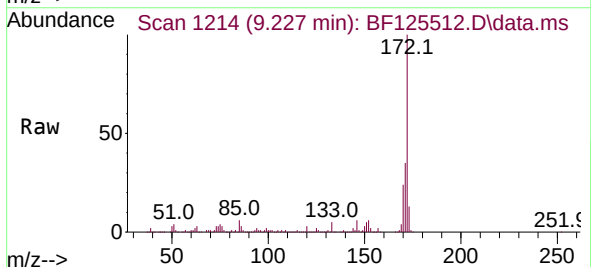
Instrument :  
BNA\_F  
ClientSampled :  
A006070

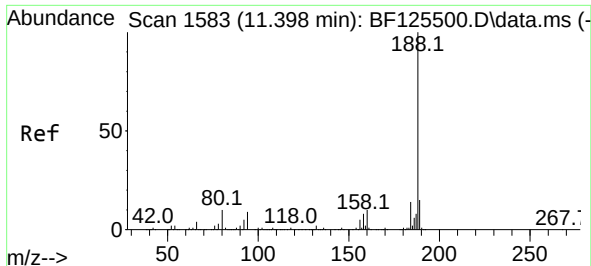
Tgt Ion:330 Resp: 79107  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.2 114.4  
141 29.1 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 56.818 ng  
RT: 9.227 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

Tgt Ion:172 Resp: 1419132  
Ion Ratio Lower Upper  
172 100  
171 35.2 26.5 39.7  
170 23.9 18.8 28.2



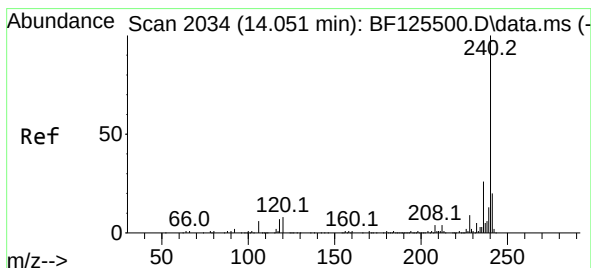
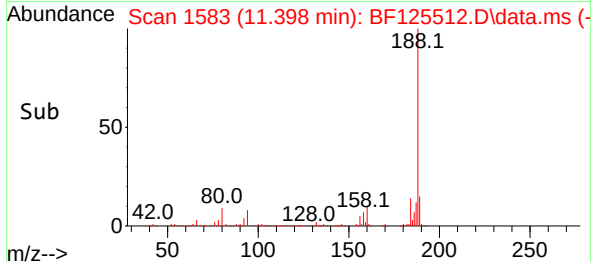
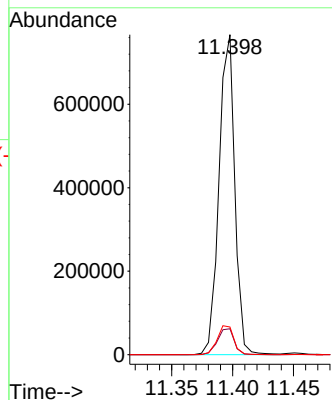
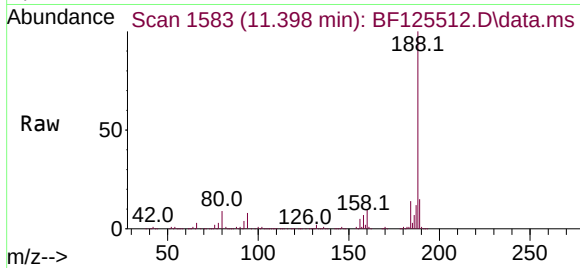


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.000 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:188 Resp: 693487

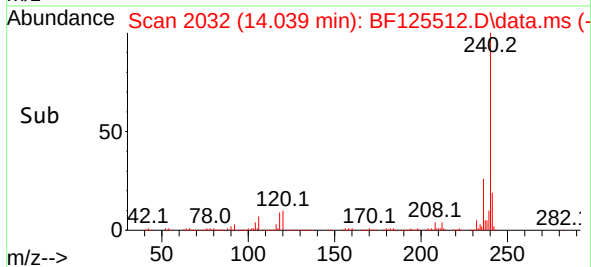
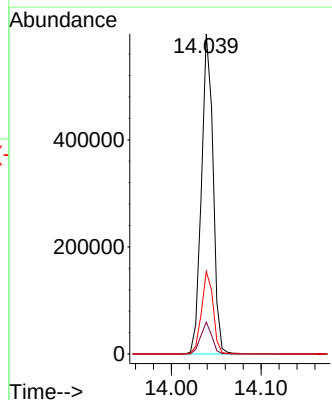
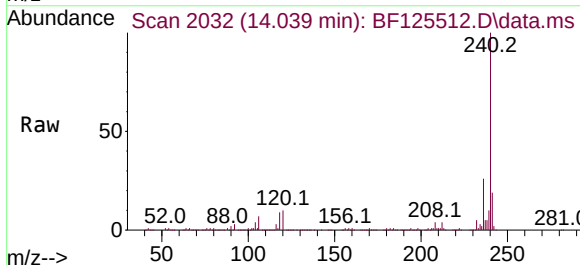
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 8.1   | 6.7   | 10.1  |
| 80  | 8.7   | 7.5   | 11.3  |

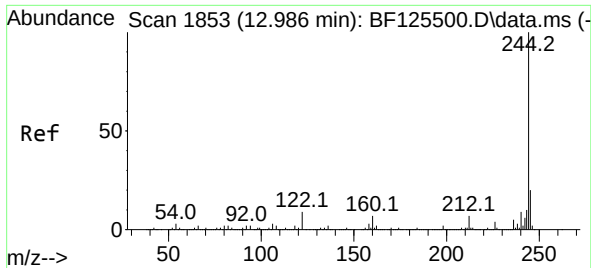


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF125512.D  
Acq: 15 Sep 2021 19:29

Tgt Ion:240 Resp: 537089

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.0  | 10.8  | 16.2# |
| 236 | 25.8  | 21.6  | 32.4  |

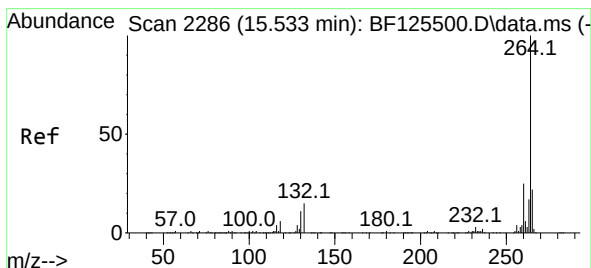
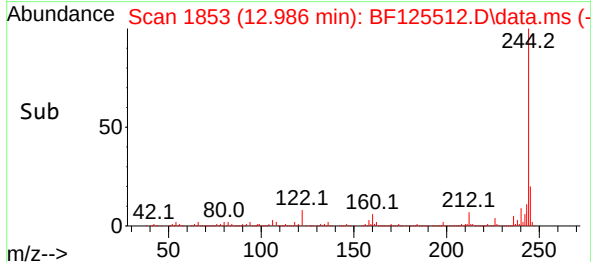
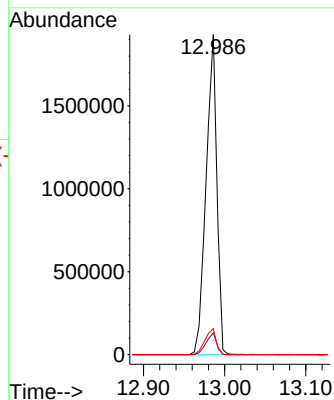
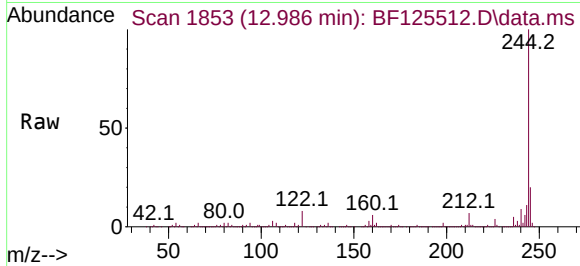




#79  
 Terphenyl-d14  
 Concen: 53.626 ng  
 RT: 12.986 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: BF125512.D  
 Acq: 15 Sep 2021 19:29

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Tgt Ion:244 Resp: 1776220  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.9 8.9  
 122 8.1 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: BF125512.D  
 Acq: 15 Sep 2021 19:29

Tgt Ion:264 Resp: 426482  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.6 29.4  
 265 21.6 17.2 25.8

