

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091521\  
 Data File : BF125505.D  
 Acq On : 15 Sep 2021 15:33  
 Operator : JU/CG  
 Sample : PB139080BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139080BL

Quant Time: Sep 15 16:07:32 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   | 6.863  | 152  | 166899   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 667246   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.910  | 164  | 359554   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 693145   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 588019   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.533 | 264  | 513654   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 1222637  | 116.398 | ng    | 0.01     |
| 7) Phenol-d6                | 6.504  | 99   | 1547386  | 110.839 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 1057557  | 78.256  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 541469   | 123.648 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 1892796  | 77.247  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 2523496  | 69.589  | ng    | 0.00     |

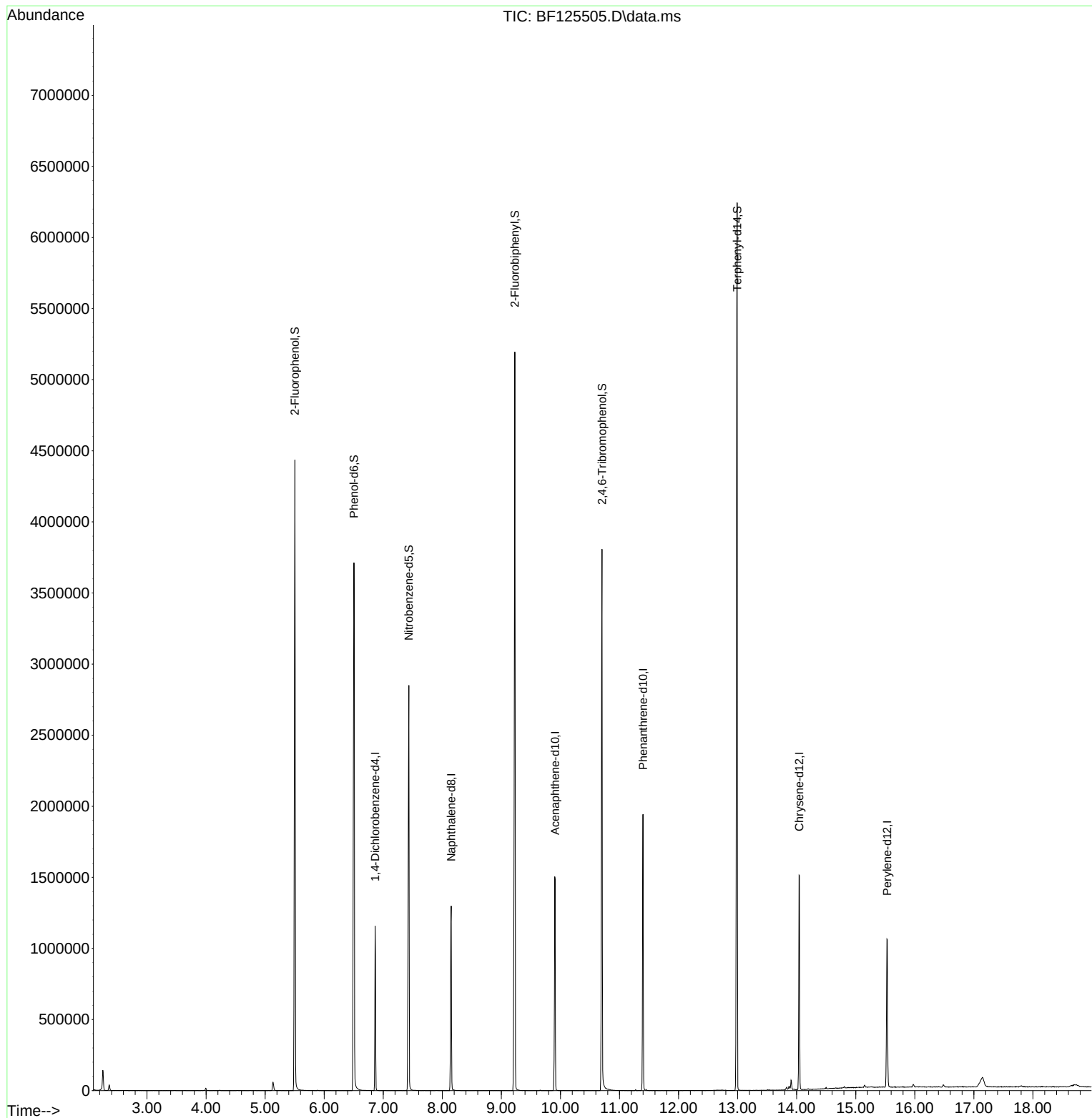
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

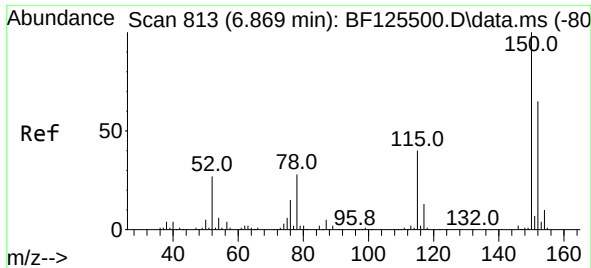
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 15 15:08:32 2021  
Response via : Initial Calibration

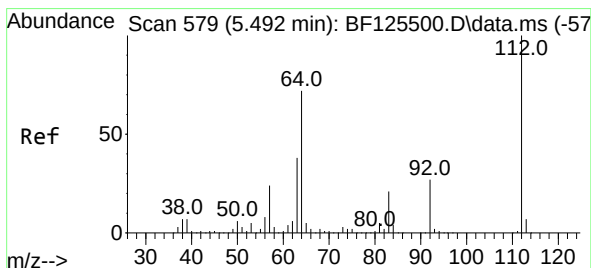
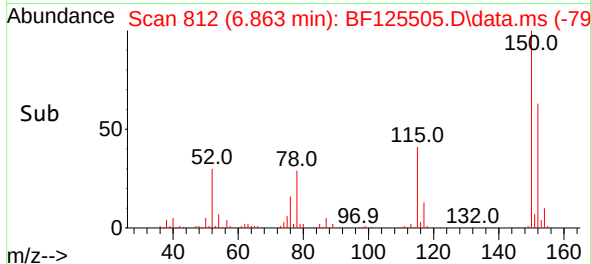
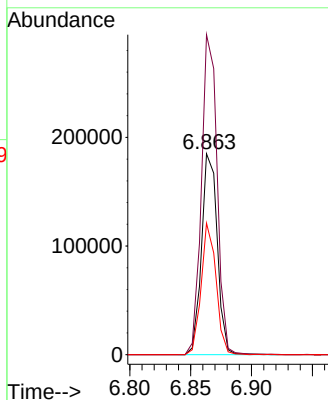
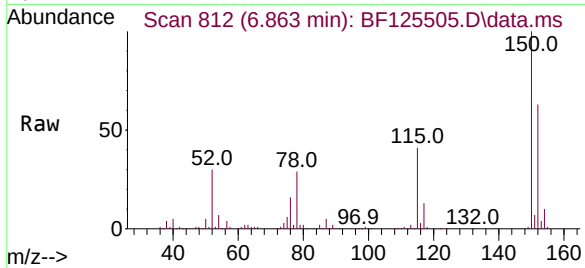




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

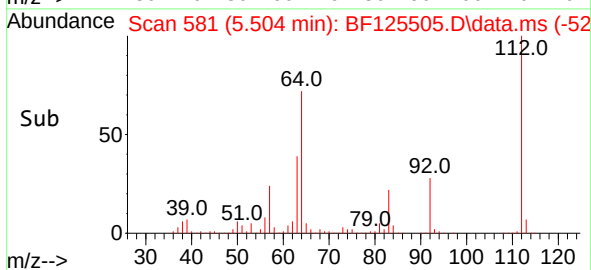
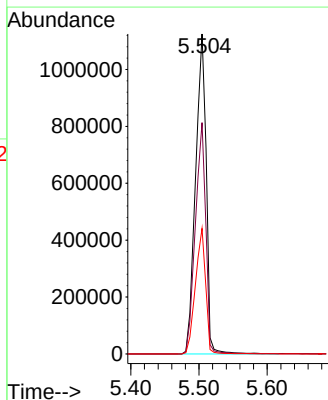
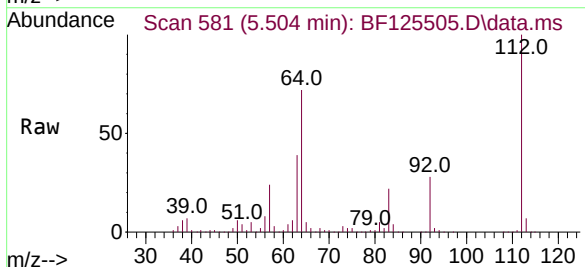
Instrument :  
BNA\_F  
ClientSampleId :  
PB139080BL

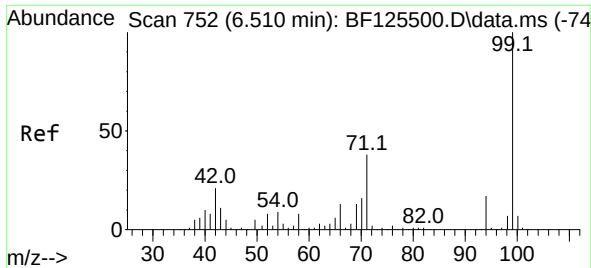
Tgt Ion:152 Resp: 166899  
Ion Ratio Lower Upper  
152 100  
150 159.2 117.6 176.4  
115 65.4 47.1 70.7



#5  
2-Fluorophenol  
Concen: 116.398 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.012 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

Tgt Ion:112 Resp: 1222637  
Ion Ratio Lower Upper  
112 100  
64 72.3 44.2 66.2#  
63 39.2 26.2 39.2

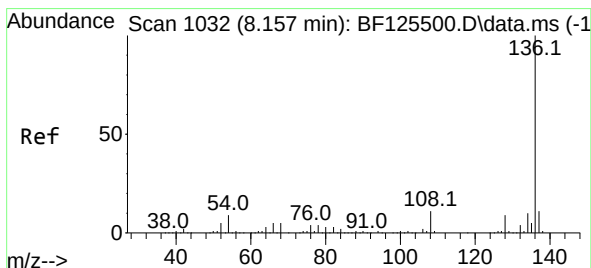
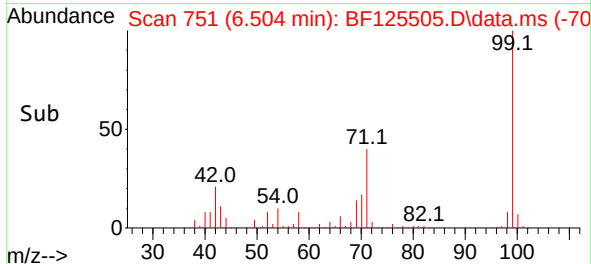
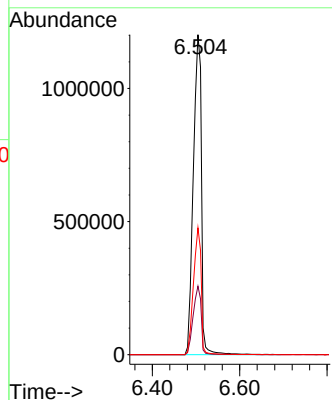
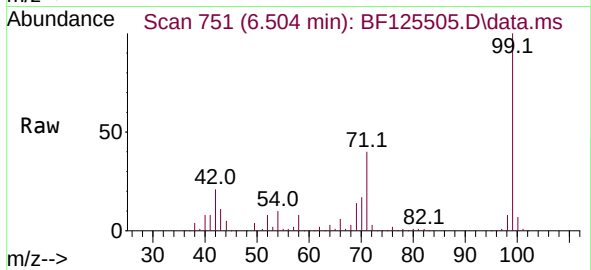




#7  
Phenol-d6  
Concen: 110.839 ng  
RT: 6.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

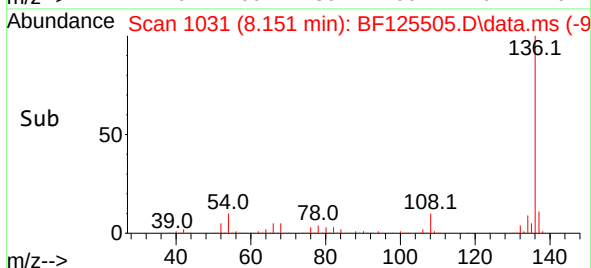
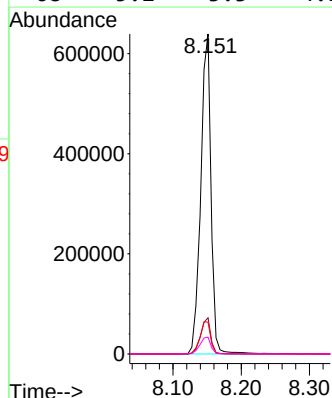
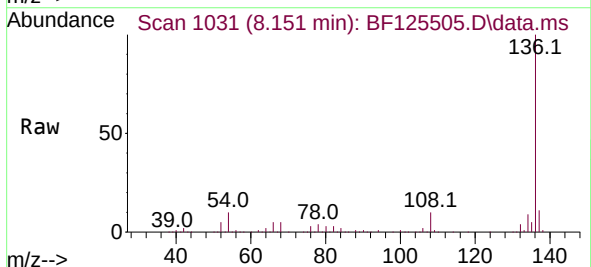
Instrument :  
BNA\_F  
ClientSampleId :  
PB139080BL

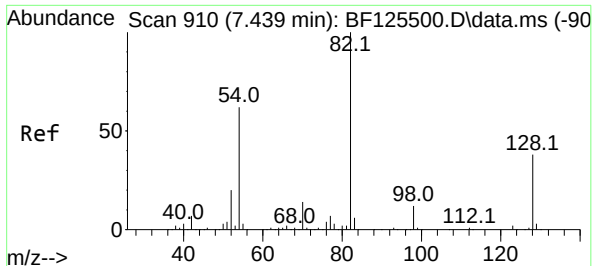
Tgt Ion: 99 Resp: 1547386  
Ion Ratio Lower Upper  
99 100  
42 21.4 23.5 35.3#  
71 39.6 25.6 38.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

Tgt Ion: 136 Resp: 667246  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.8 14.6  
54 10.0 6.4 9.6#  
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 78.256 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF125505.D

Acq: 15 Sep 2021 15:33

Tgt Ion: 82 Resp: 1057557

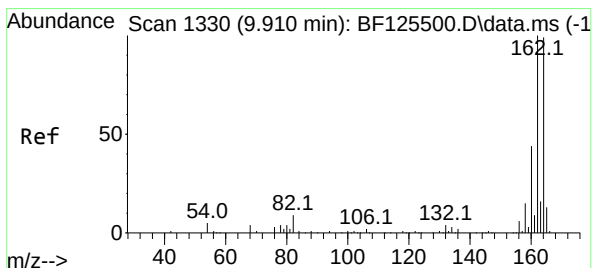
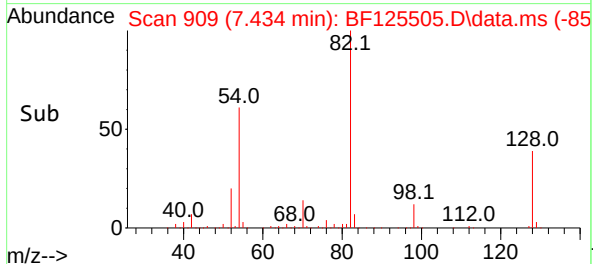
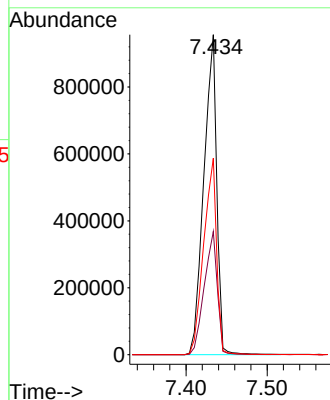
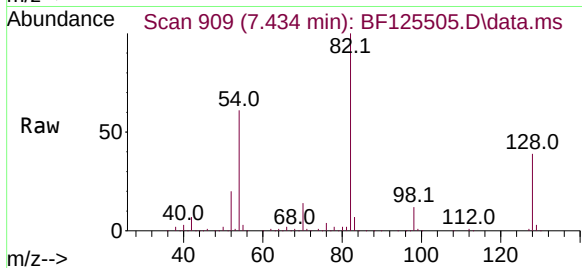
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.5  | 40.6  | 60.8# |
| 54  | 61.4  | 49.6  | 74.4  |

Instrument :

BNA\_F

ClientSampleId :

PB139080BL



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

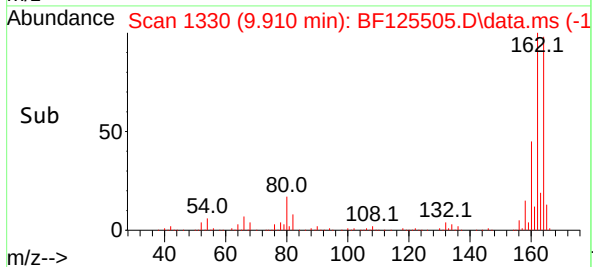
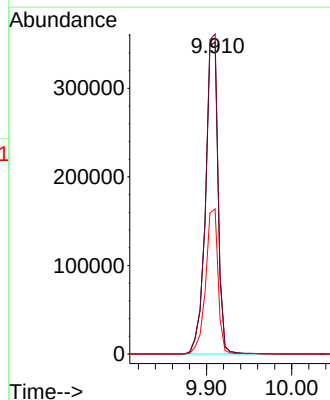
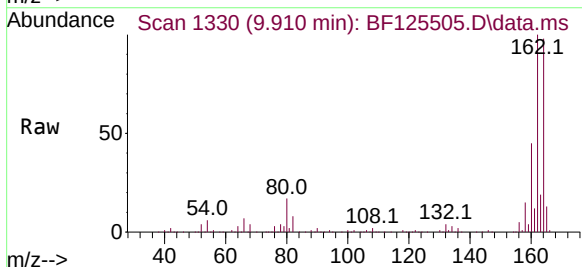
Delta R.T. 0.000 min

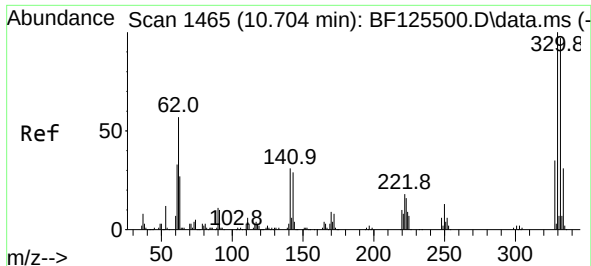
Lab File: BF125505.D

Acq: 15 Sep 2021 15:33

Tgt Ion:164 Resp: 359554

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.5 | 81.3  | 121.9 |
| 160 | 46.5  | 38.0  | 57.0  |

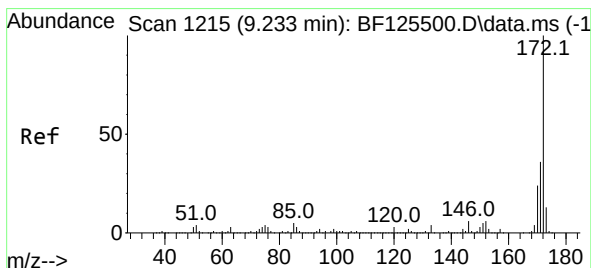
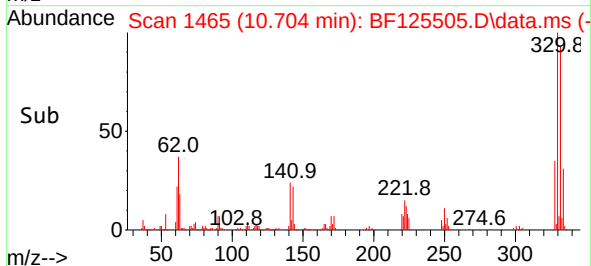
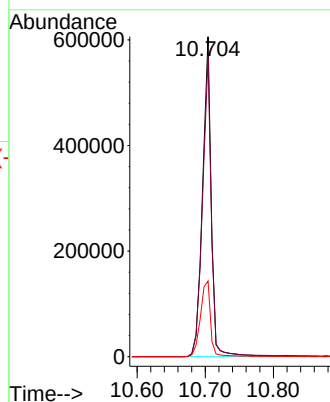
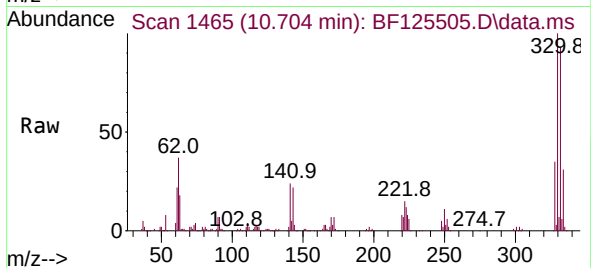




#42  
2,4,6-Tribromophenol  
Concen: 123.648 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

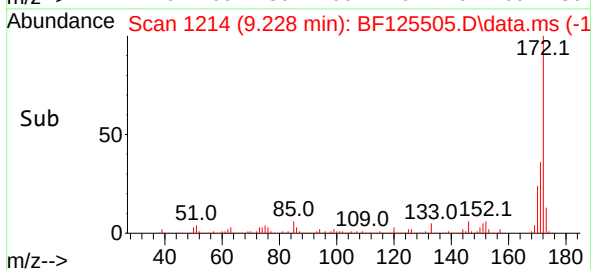
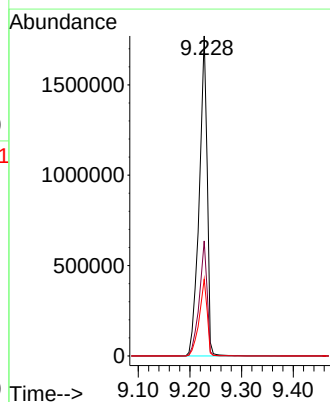
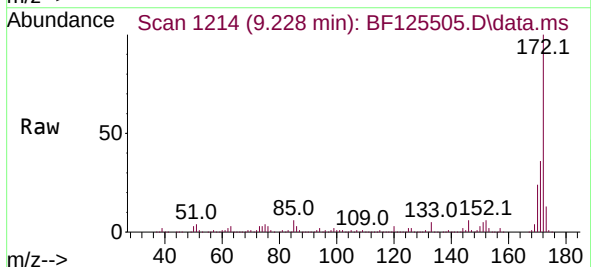
Instrument :  
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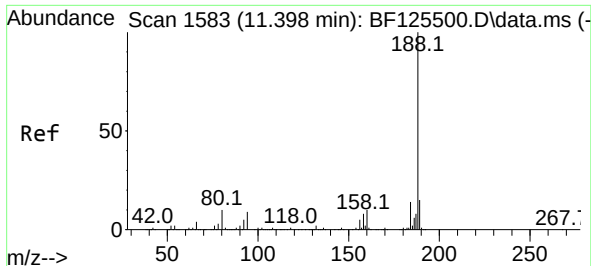
Tgt Ion:330 Resp: 541469  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.2 114.4  
141 27.8 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 77.247 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

Tgt Ion:172 Resp: 1892796  
Ion Ratio Lower Upper  
172 100  
171 36.0 26.5 39.7  
170 24.0 18.8 28.2

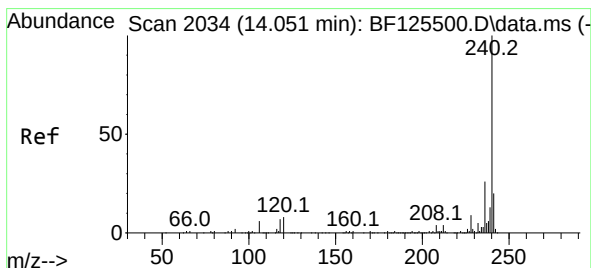
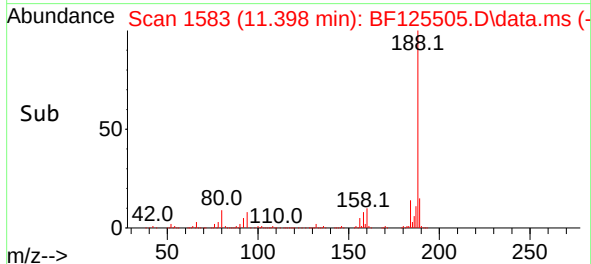
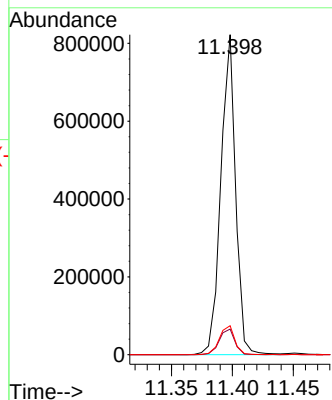
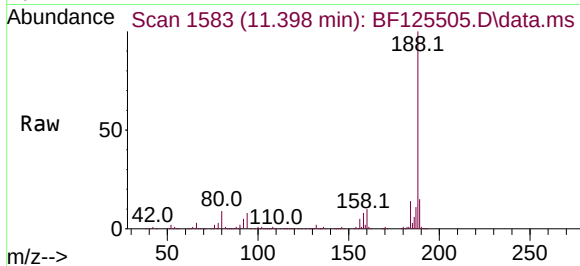




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

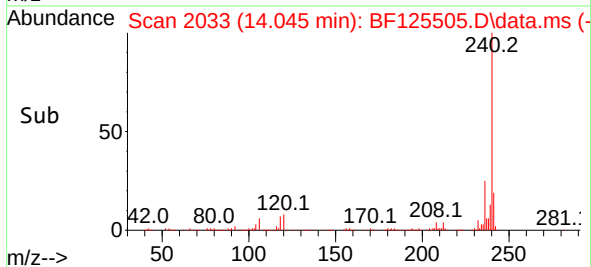
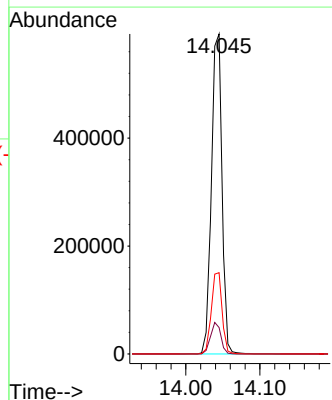
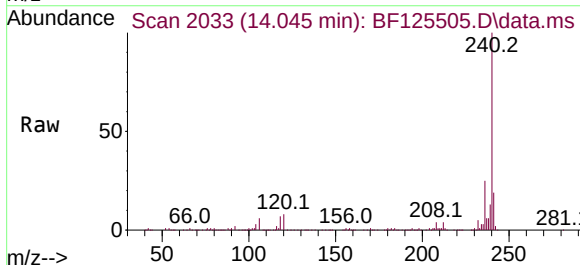
Instrument :  
BNA\_F  
ClientSampleId :  
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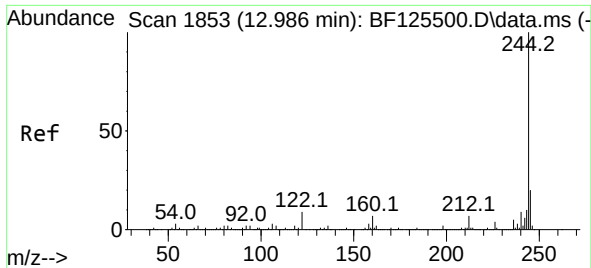
|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 693145 |
| Ion Ratio   | Lower Upper  |
| 188         | 100          |
| 94          | 8.0 6.7 10.1 |
| 80          | 9.1 7.5 11.3 |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF125505.D  
Acq: 15 Sep 2021 15:33

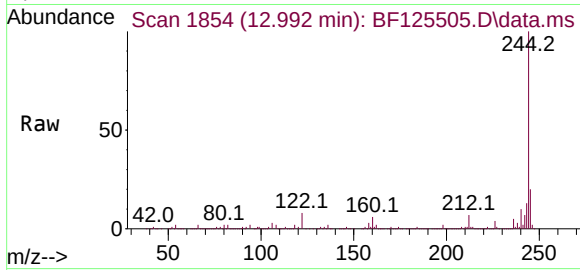
|             |                |
|-------------|----------------|
| Tgt Ion:240 | Resp: 588019   |
| Ion Ratio   | Lower Upper    |
| 240         | 100            |
| 120         | 8.3 10.8 16.2# |
| 236         | 25.4 21.6 32.4 |



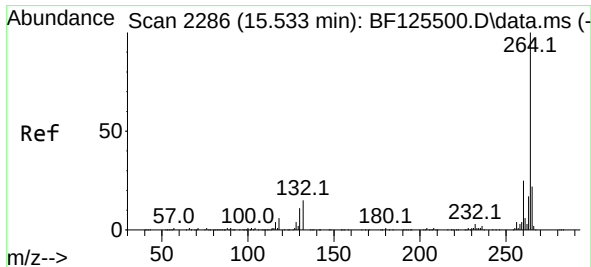
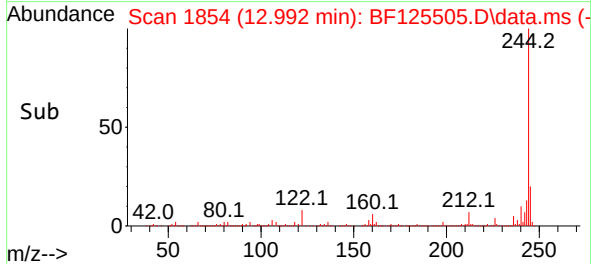
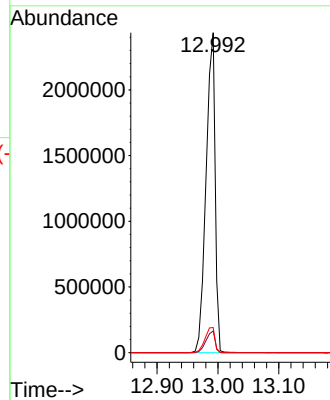


#79  
 Terphenyl-d14  
 Concen: 69.589 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. 0.006 min  
 Lab File: BF125505.D  
 Acq: 15 Sep 2021 15:33

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB139080BL



Tgt Ion:244 Resp: 2523496  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.9 8.9  
 122 7.9 9.0 13.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2286  
 Delta R.T. 0.000 min  
 Lab File: BF125505.D  
 Acq: 15 Sep 2021 15:33

Tgt Ion:264 Resp: 513654  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.6 29.4  
 265 21.0 17.2 25.8

