

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090921\  
 Data File : BF125406.D  
 Acq On : 9 Sep 2021 10:22  
 Operator : JU/CG  
 Sample : PB138862BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138862BL

Quant Time: Sep 09 11:36:55 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 08 14:14:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.886  | 152  | 178849   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 710951   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.927  | 164  | 385985   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 703764   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 502325   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.551 | 264  | 422140   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 1248633  | 105.672 | ng    | 0.01     |
| 7) Phenol-d6                | 6.522  | 99   | 1579491  | 103.356 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 1067809  | 75.614  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.721 | 330  | 523525   | 135.875 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1925739  | 69.535  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 2298892  | 72.908  | ng    | 0.00     |

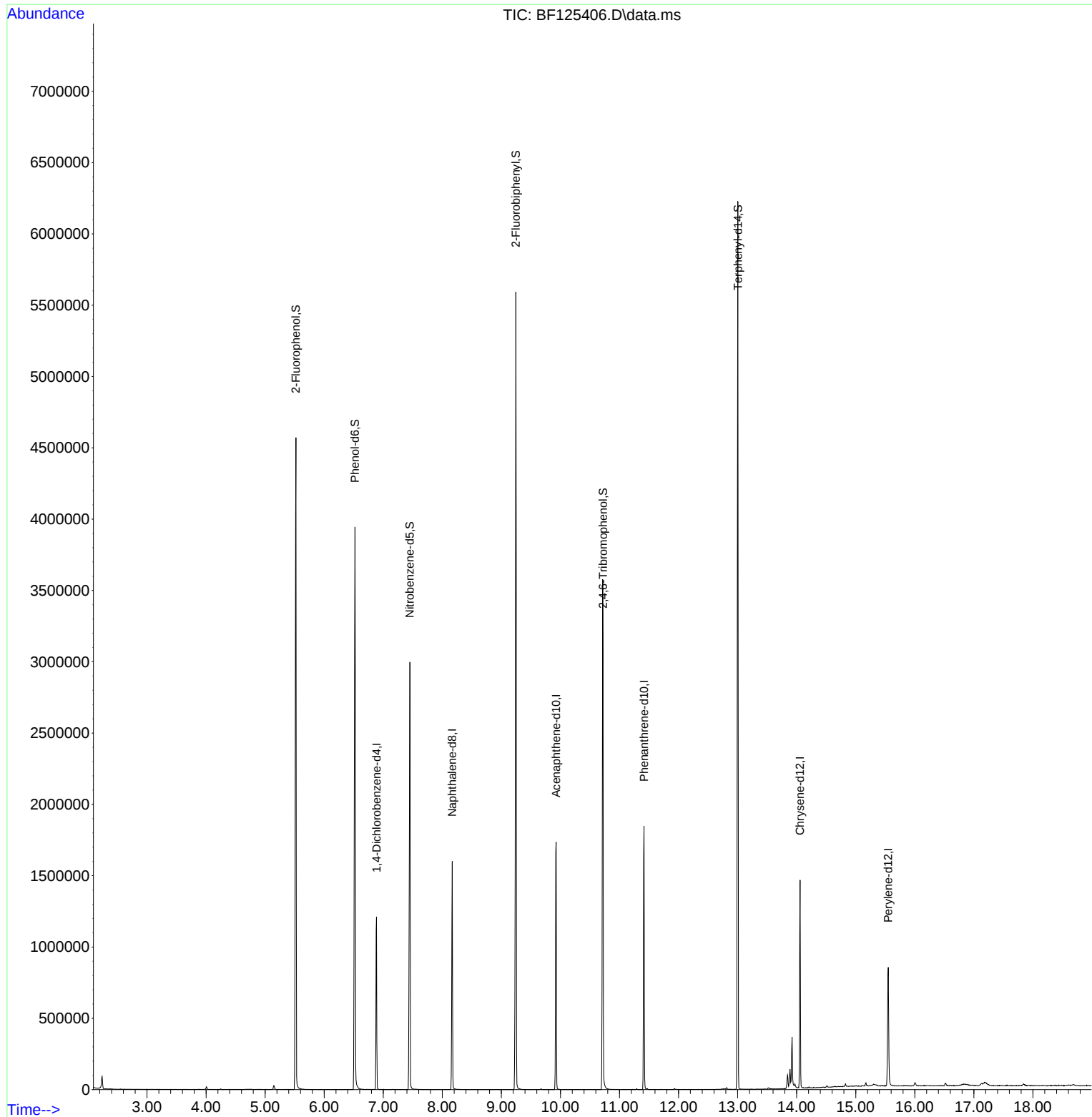
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

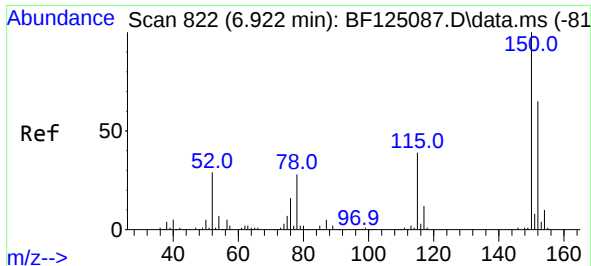
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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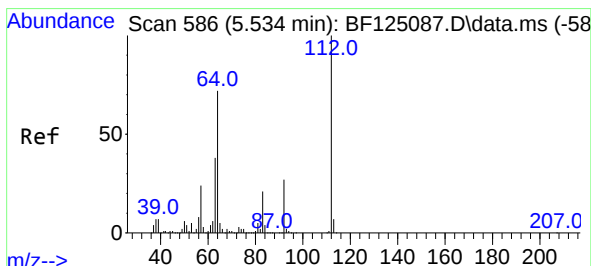
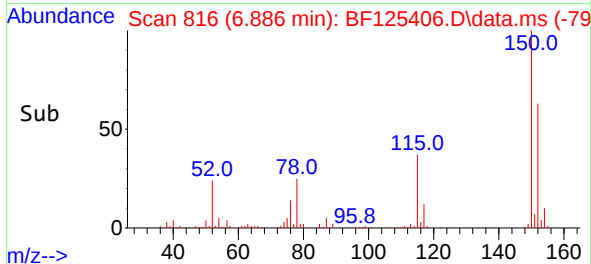
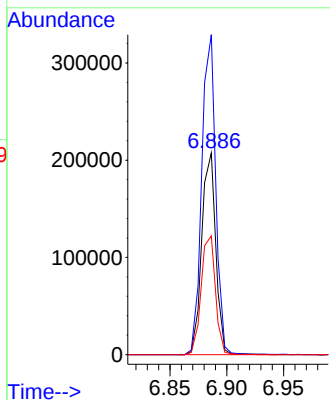
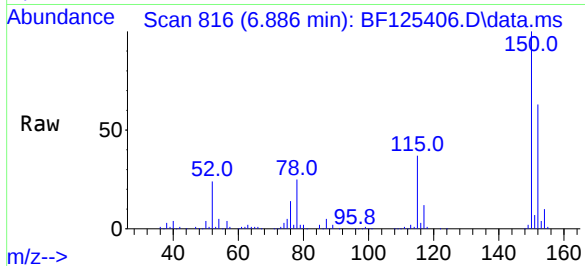




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

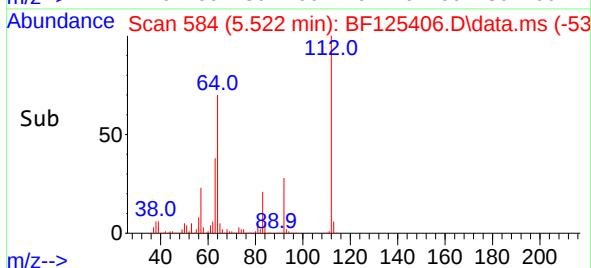
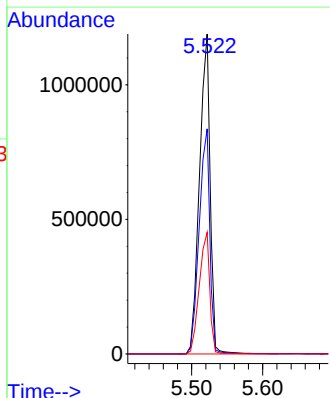
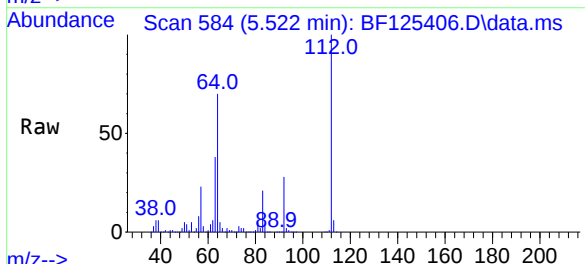
Instrument :  
BNA\_F  
ClientSampleId :  
PB138862BL

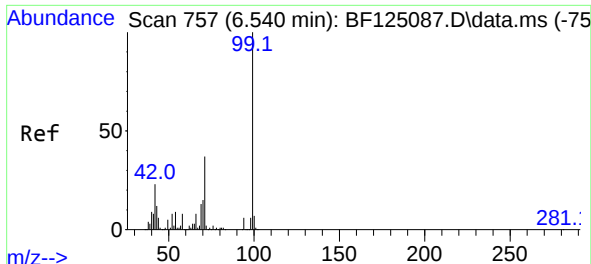
Tgt Ion:152 Resp: 178849  
Ion Ratio Lower Upper  
152 100  
150 158.6 117.6 176.4  
115 58.8 47.1 70.7



#5  
2-Fluorophenol  
Concen: 105.672 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.012 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Tgt Ion:112 Resp: 1248633  
Ion Ratio Lower Upper  
112 100  
64 70.4 44.2 66.2#  
63 38.0 26.2 39.2



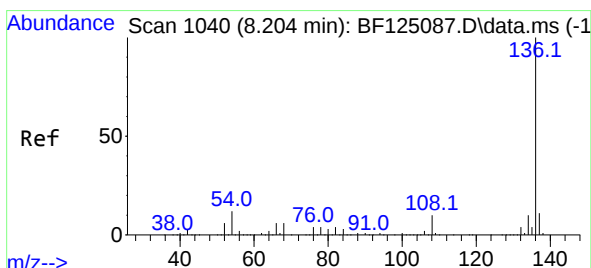
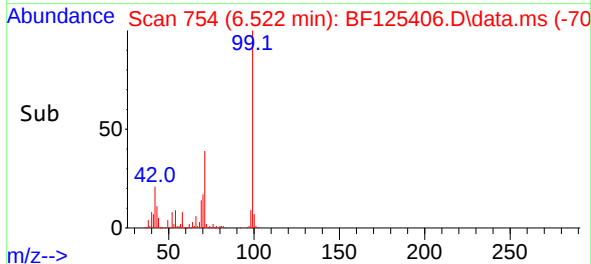
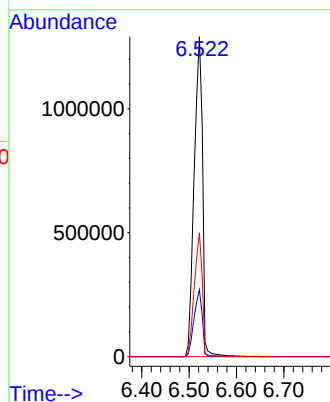
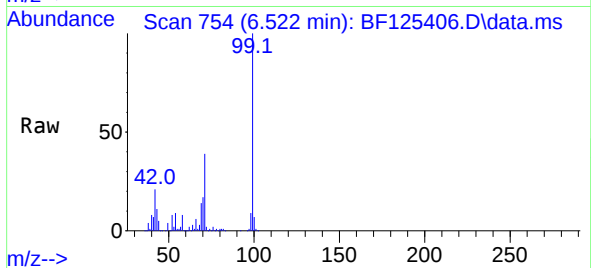


#7  
Phenol-d6  
Concen: 103.356 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB138862BL

Tgt Ion: 99 Resp: 1579491

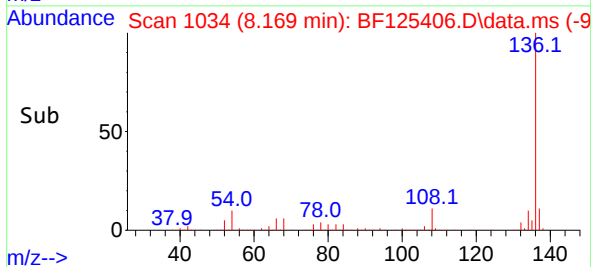
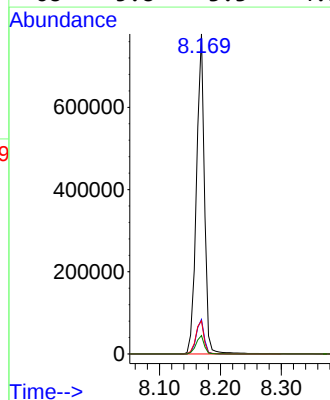
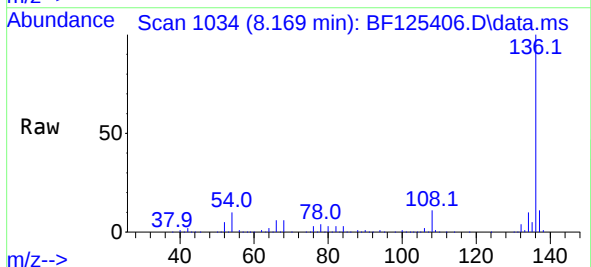
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.9  | 23.5  | 35.3# |
| 71  | 38.7  | 25.6  | 38.4# |

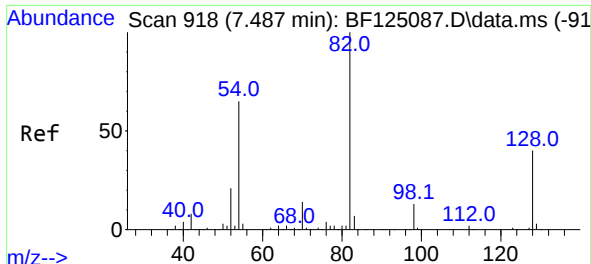


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Tgt Ion: 136 Resp: 710951

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 9.8   | 14.6  |
| 54  | 10.4  | 6.4   | 9.6#  |
| 68  | 5.8   | 3.3   | 4.9#  |

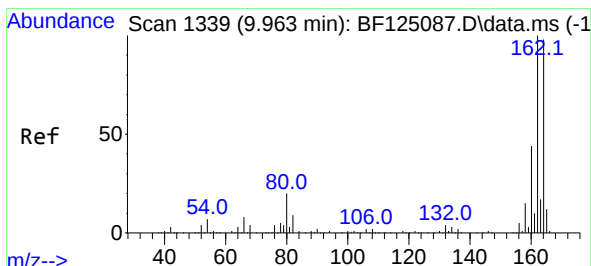
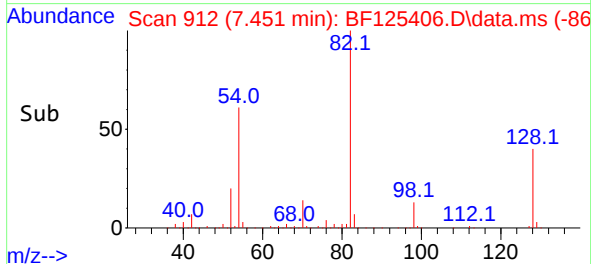
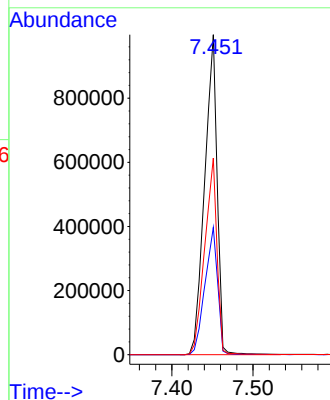
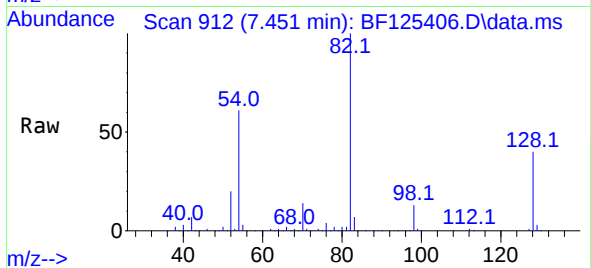




#23  
Nitrobenzene-d5  
Concen: 75.614 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

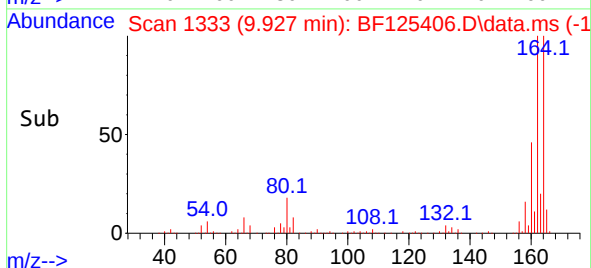
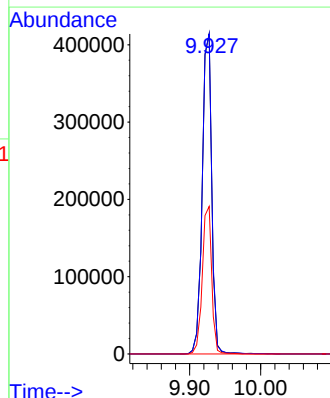
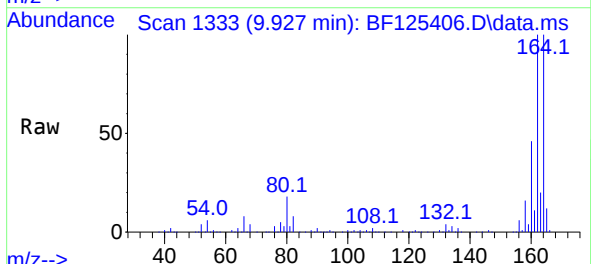
Instrument :  
BNA\_F  
ClientSampleId :  
PB138862BL

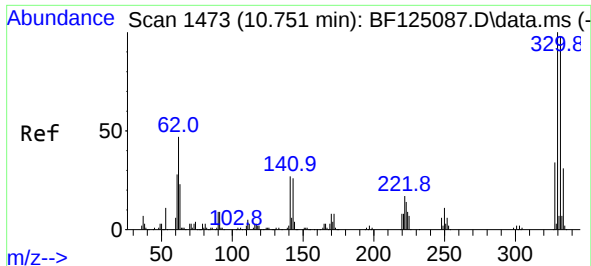
Tgt Ion: 82 Resp: 1067809  
Ion Ratio Lower Upper  
82 100  
128 39.7 40.6 60.8#  
54 61.5 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.927 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Tgt Ion: 164 Resp: 385985  
Ion Ratio Lower Upper  
164 100  
162 100.0 81.3 121.9  
160 46.1 38.0 57.0

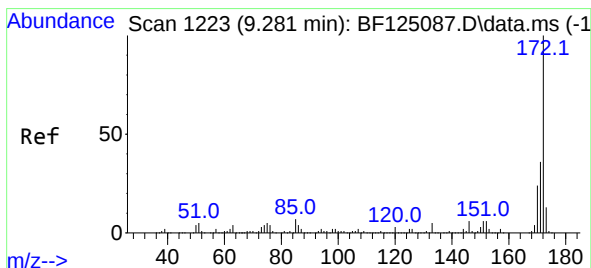
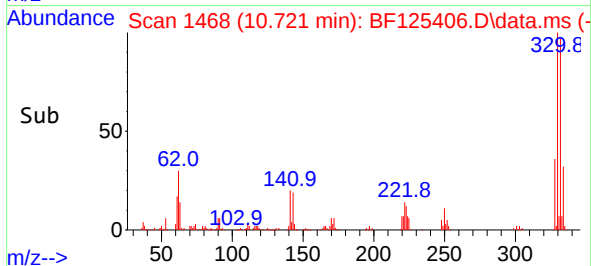
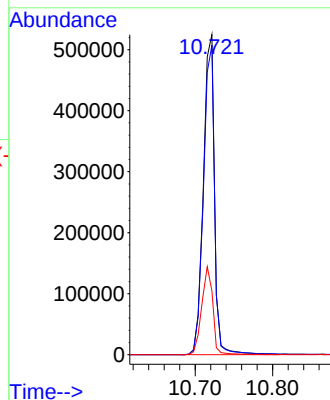
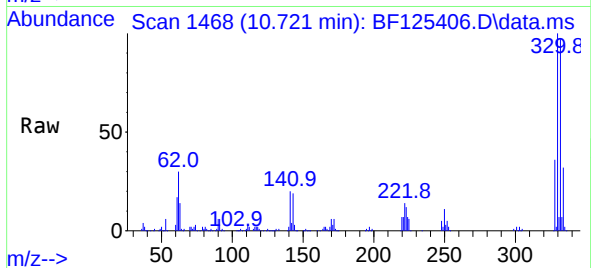




#42  
2,4,6-Tribromophenol  
Concen: 135.875 ng  
RT: 10.721 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

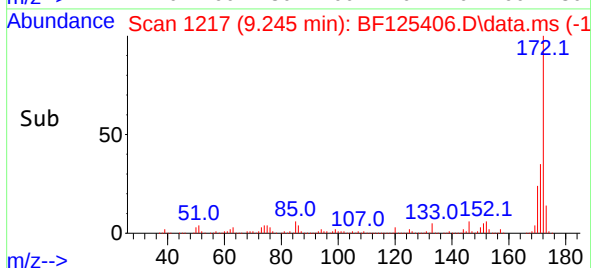
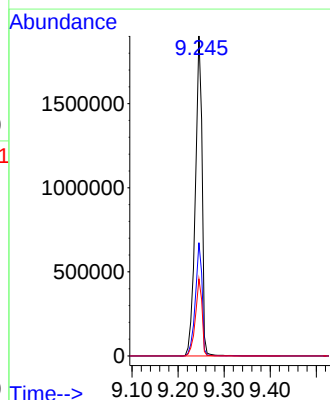
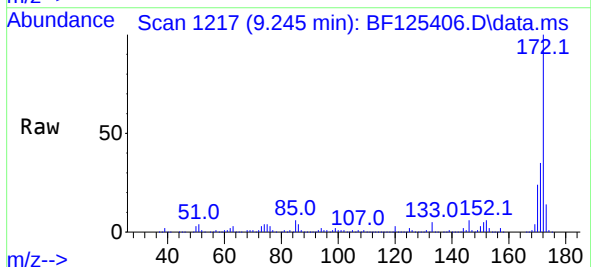
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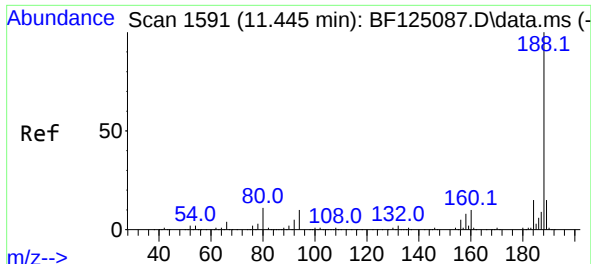
Tgt Ion:330 Resp: 523525  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.2 114.4  
141 27.3 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 69.535 ng  
RT: 9.245 min Scan# 1217  
Delta R.T. -0.006 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Tgt Ion:172 Resp: 1925739  
Ion Ratio Lower Upper  
172 100  
171 35.4 26.5 39.7  
170 24.1 18.8 28.2

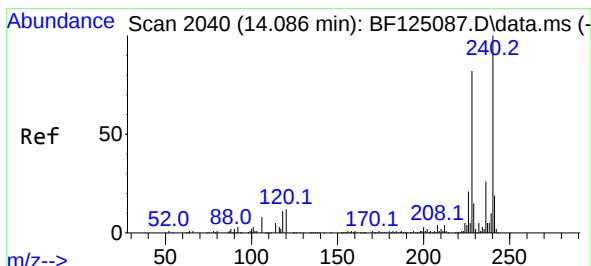
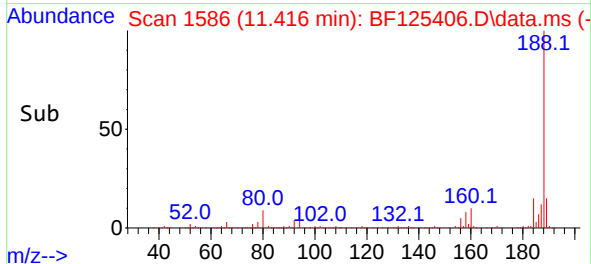
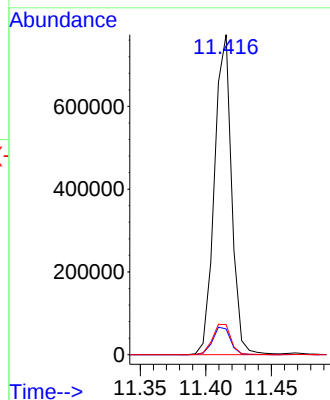
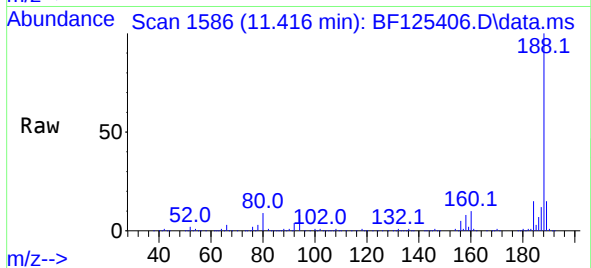




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

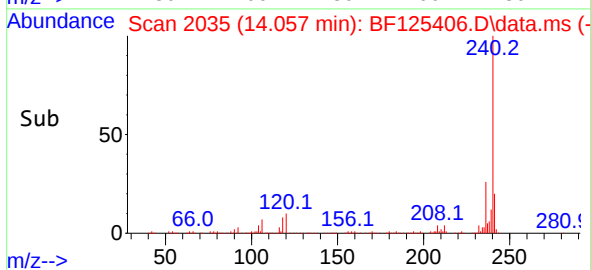
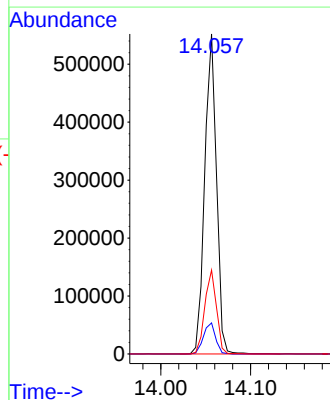
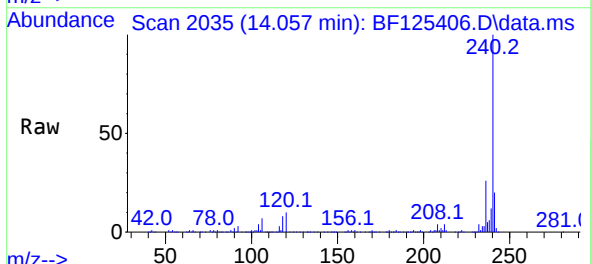
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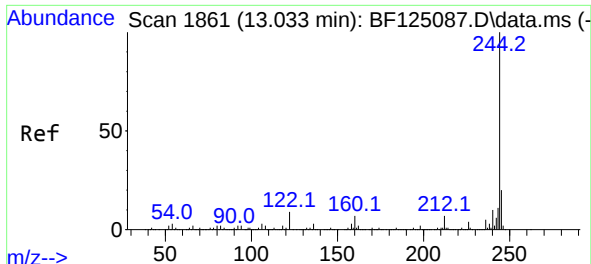
Tgt Ion:188 Resp: 703764  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.7 10.1  
80 9.4 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.006 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Tgt Ion:240 Resp: 502325  
Ion Ratio Lower Upper  
240 100  
120 9.7 10.8 16.2#  
236 26.2 21.6 32.4

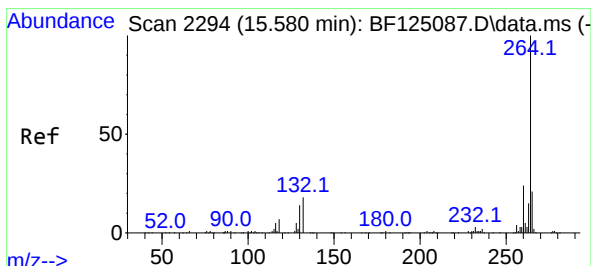
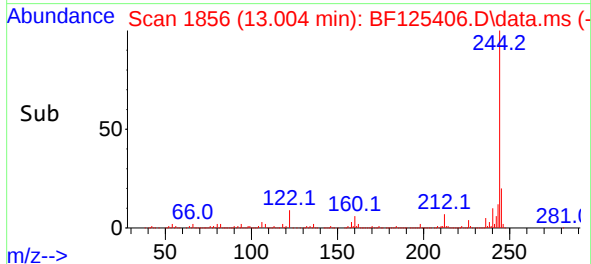
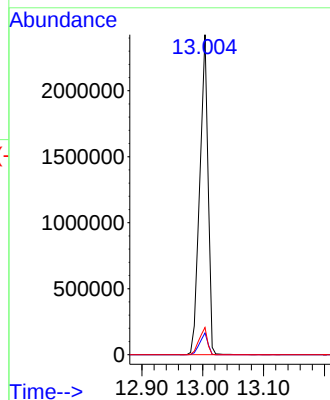
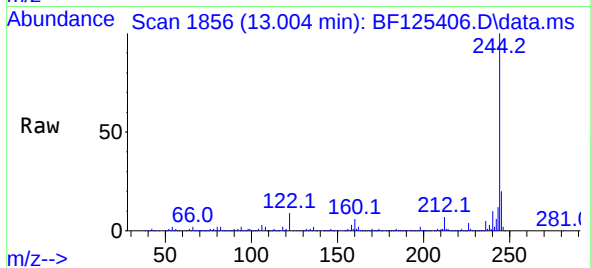




#79  
Terphenyl-d14  
Concen: 72.908 ng  
RT: 13.004 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Instrument :  
BNA\_F  
ClientSampleId :  
PB138862BL

Tgt Ion:244 Resp: 2298892  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 8.5 9.0 13.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.551 min Scan# 2289  
Delta R.T. 0.006 min  
Lab File: BF125406.D  
Acq: 9 Sep 2021 10:22

Tgt Ion:264 Resp: 422140  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 21.7 17.2 25.8

