

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111121\  
 Data File : BF126127.D  
 Acq On : 11 Nov 2021 15:54  
 Operator : JU/CG  
 Sample : PB140700BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB140700BL

Quant Time: Nov 11 17:35:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 03 17:21:25 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 191409   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.122  | 136  | 700804   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 9.880  | 164  | 425090   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.363 | 188  | 812247   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.004 | 240  | 604509   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.468 | 264  | 432829   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 1383789  | 124.151 | ng    | 0.00     |
| 7) Phenol-d6                | 6.475  | 99   | 1779923  | 113.282 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 1287557  | 86.646  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 636041   | 130.562 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 2431678  | 77.303  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.957 | 244  | 2962003  | 79.012  | ng    | 0.00     |

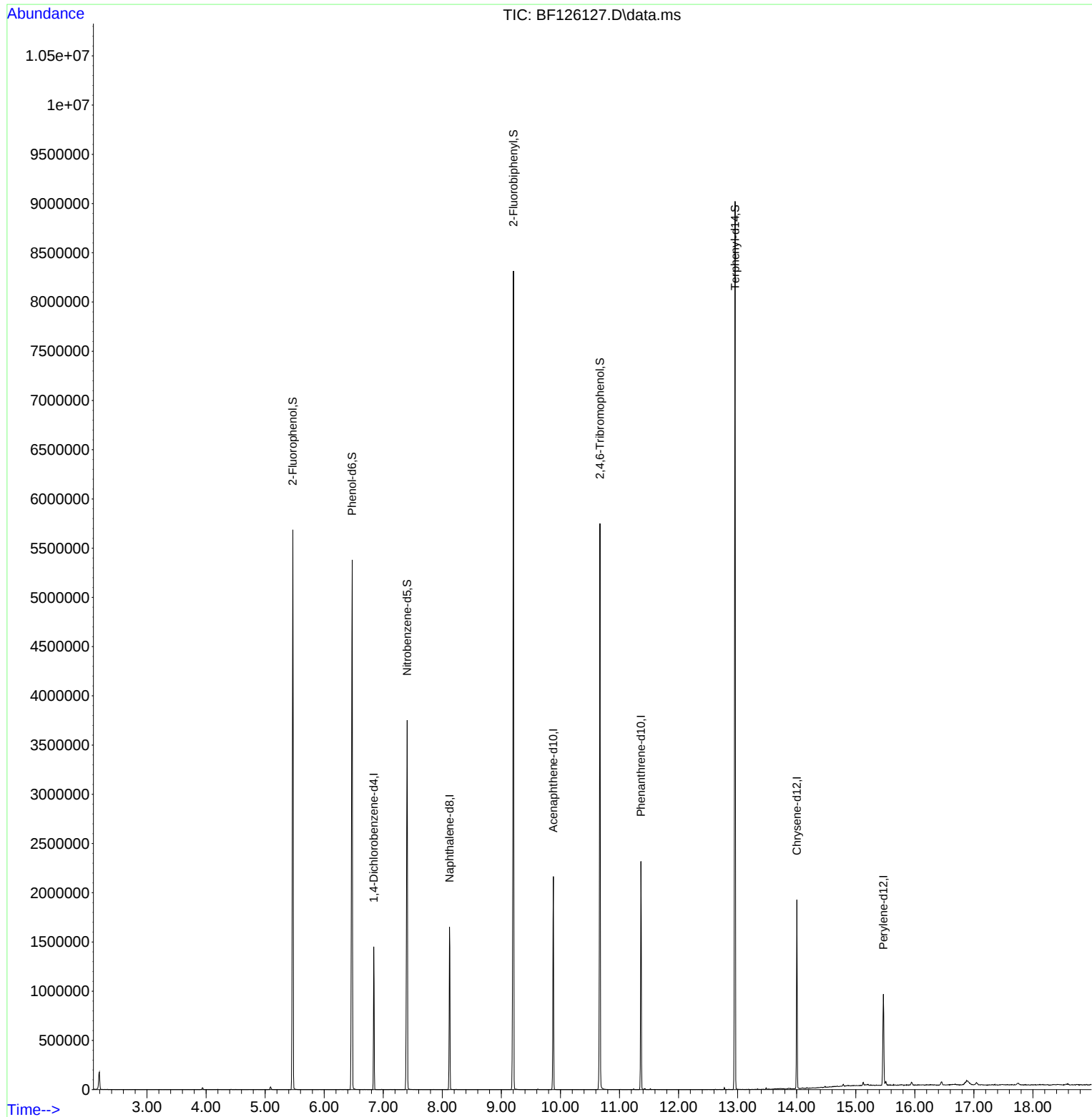
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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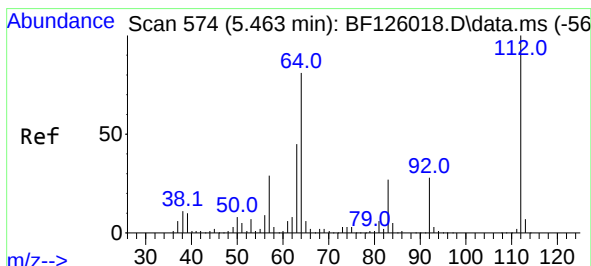
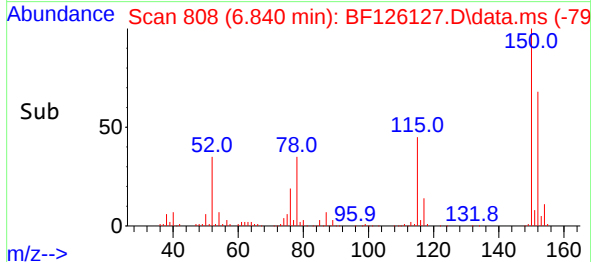
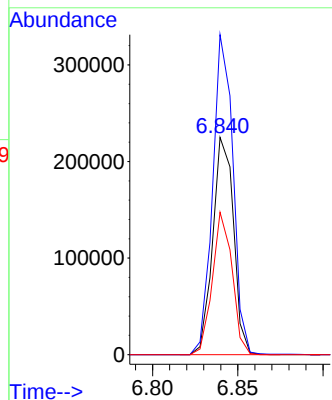
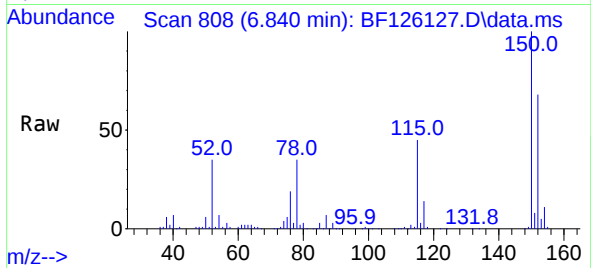




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 80  
Delta R.T. -0.017 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

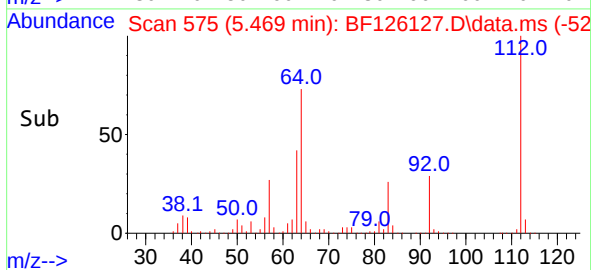
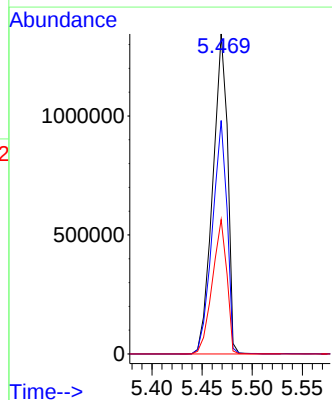
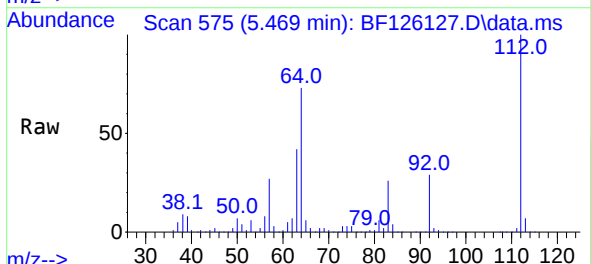
Instrument :  
BNA\_F  
ClientSampleId :  
PB140700BL

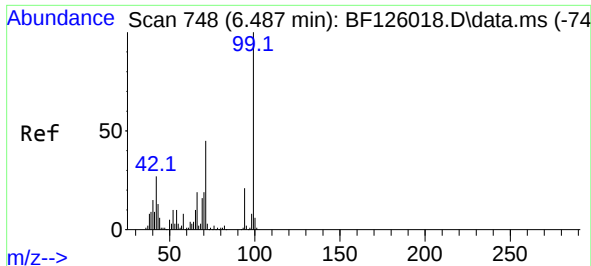
Tgt Ion:152 Resp: 191409  
Ion Ratio Lower Upper  
152 100  
150 147.3 117.6 176.4  
115 65.6 47.1 70.7



#5  
2-Fluorophenol  
Concen: 124.151 ng  
RT: 5.469 min Scan# 575  
Delta R.T. 0.006 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

Tgt Ion:112 Resp: 1383789  
Ion Ratio Lower Upper  
112 100  
64 72.9 44.2 66.2#  
63 42.0 26.2 39.2#

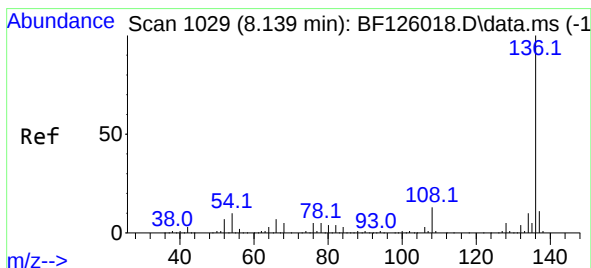
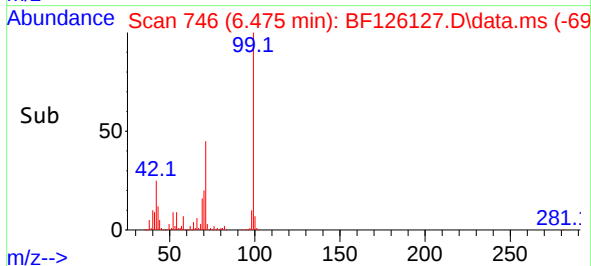
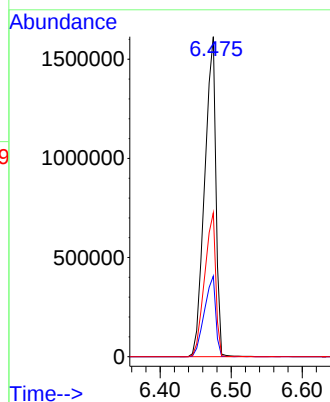
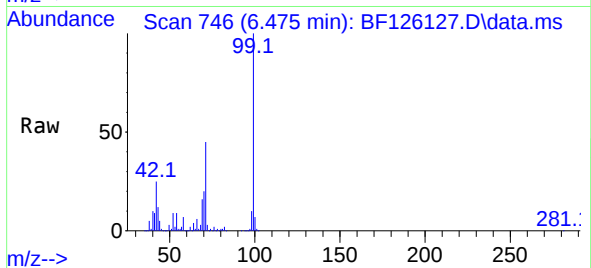




#7  
Phenol-d6  
Concen: 113.282 ng  
RT: 6.475 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

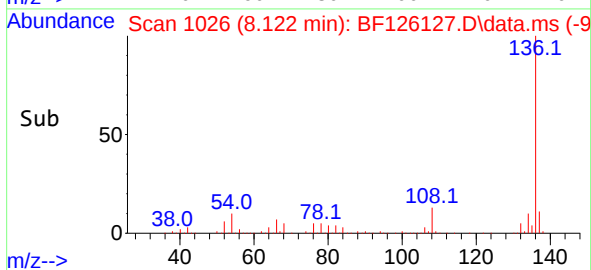
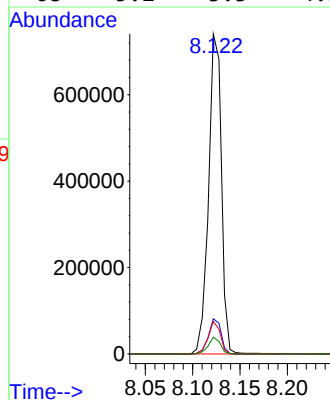
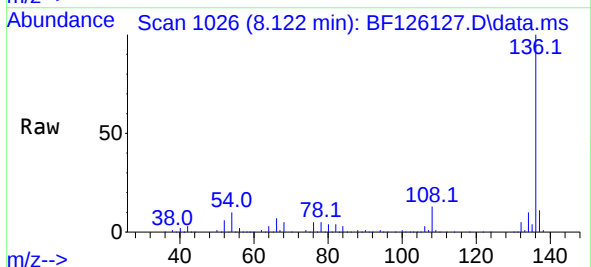
Instrument :  
BNA\_F  
ClientSampleId :  
PB140700BL

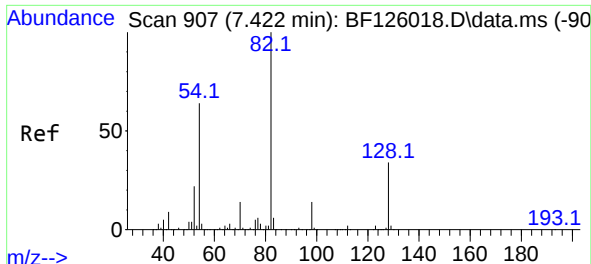
Tgt Ion: 99 Resp: 1779923  
Ion Ratio Lower Upper  
99 100  
42 25.2 23.5 35.3  
71 45.0 25.6 38.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.017 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

Tgt Ion:136 Resp: 700804  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.8 14.6  
54 10.1 6.4 9.6#  
68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 86.646 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

Instrument :

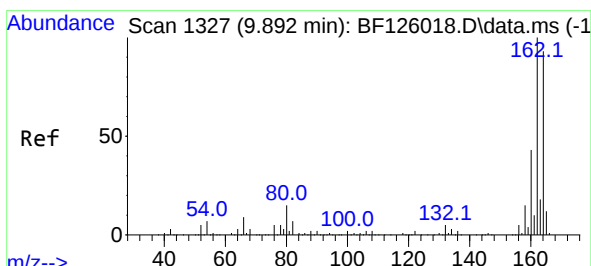
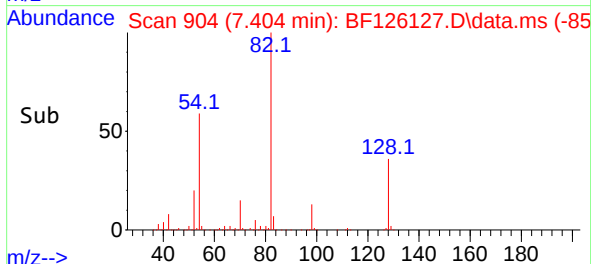
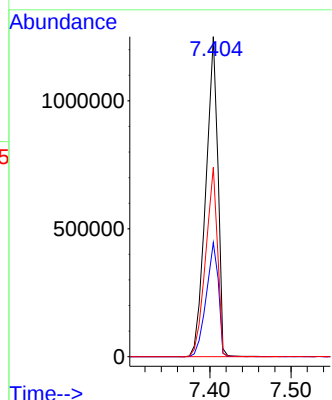
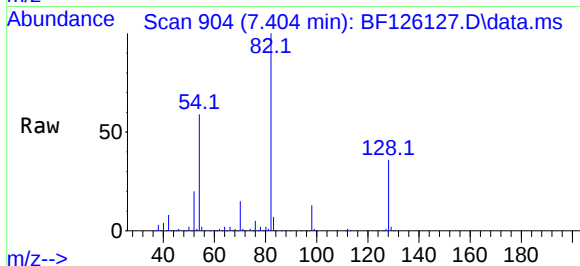
BNA\_F

ClientSampleId :

PB140700BL

Tgt Ion: 82 Resp: 1287557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.7  | 40.6  | 60.8# |
| 54  | 59.2  | 49.6  | 74.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

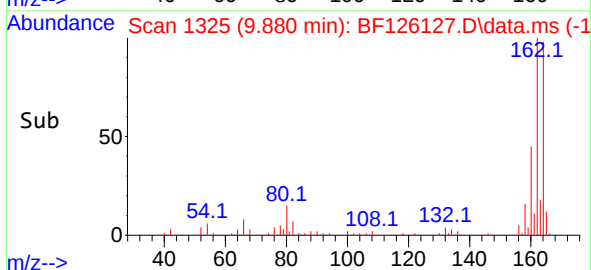
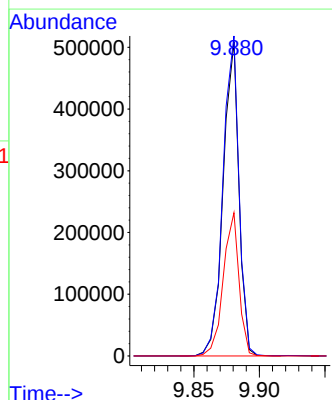
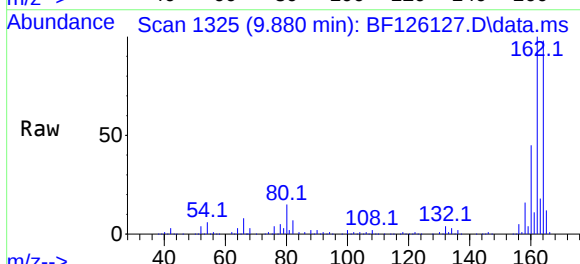
Delta R.T. -0.011 min

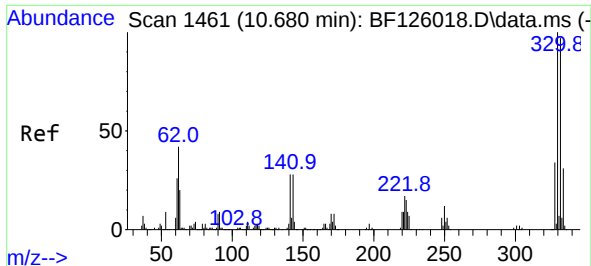
Lab File: BF126127.D

Acq: 11 Nov 2021 15:54

Tgt Ion:164 Resp: 425090

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.9 | 81.3  | 121.9 |
| 160 | 45.6  | 38.0  | 57.0  |

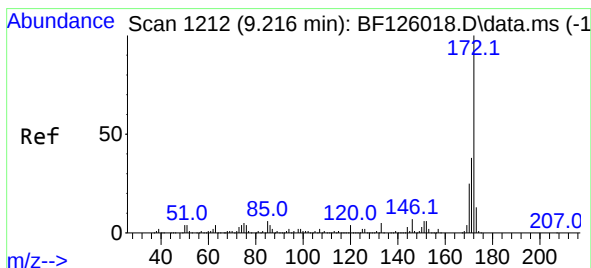
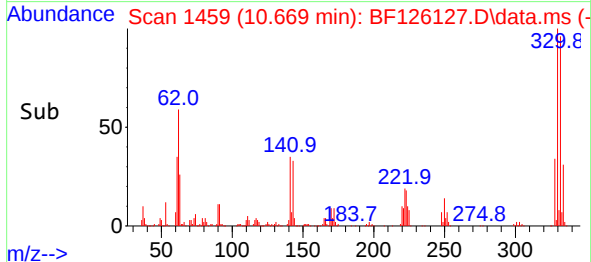
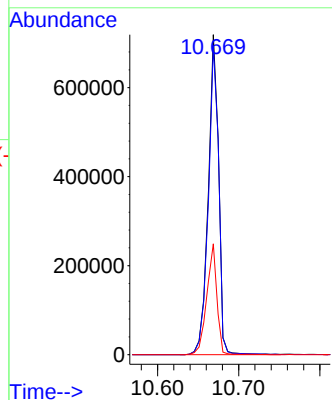
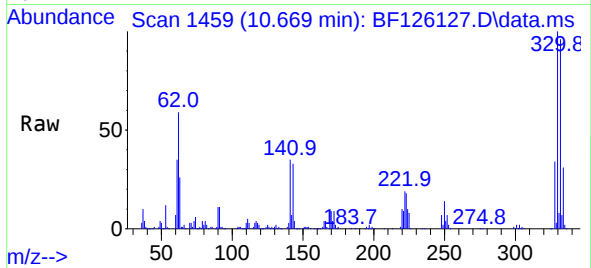




#42  
2,4,6-Tribromophenol  
Concen: 130.562 ng  
RT: 10.669 min Scan# 1461  
Delta R.T. -0.012 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

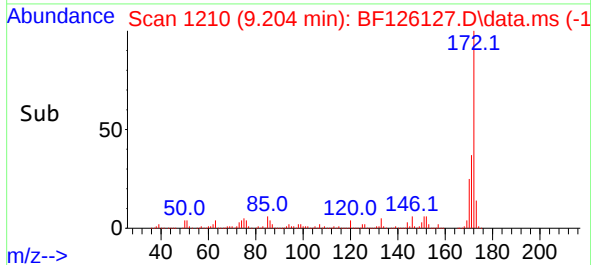
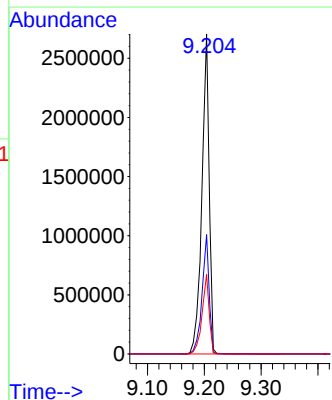
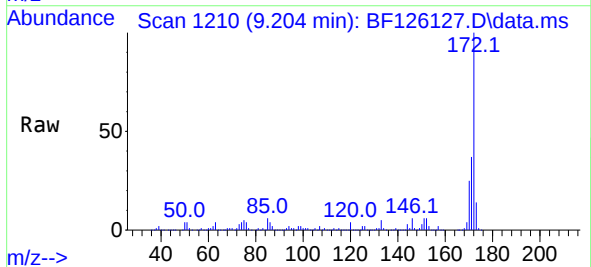
Instrument :  
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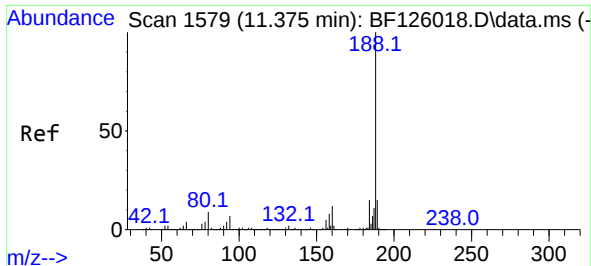
Tgt Ion:330 Resp: 636041  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.2 114.4  
141 34.2 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 77.303 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.012 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

Tgt Ion:172 Resp: 2431678  
Ion Ratio Lower Upper  
172 100  
171 37.3 26.5 39.7  
170 24.9 18.8 28.2

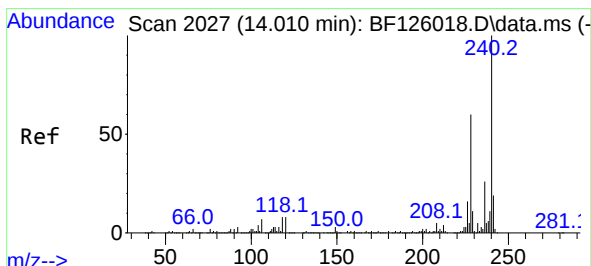
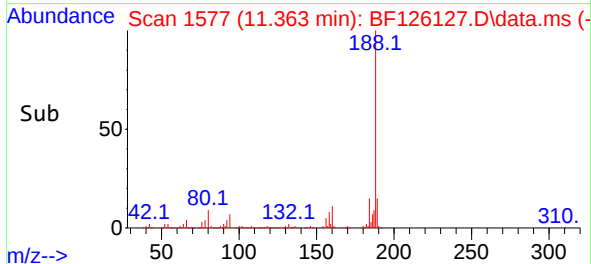
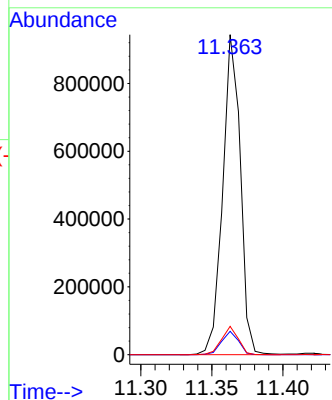
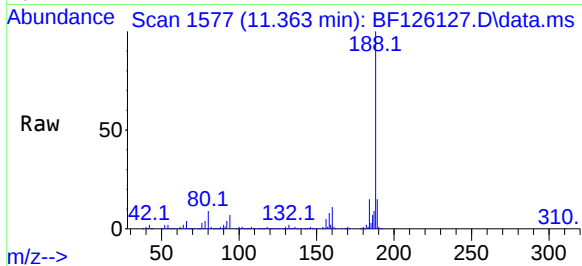




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

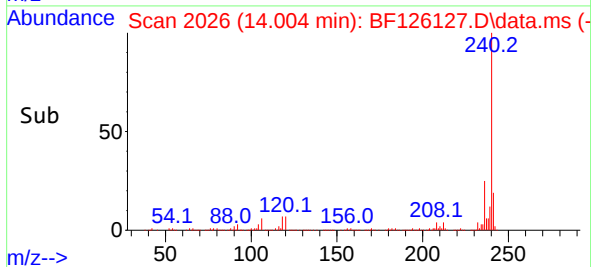
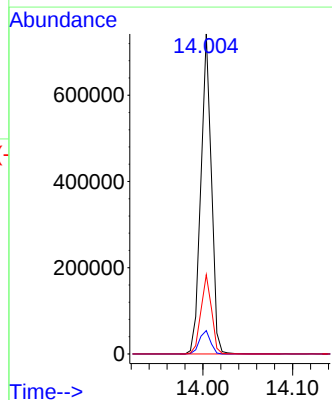
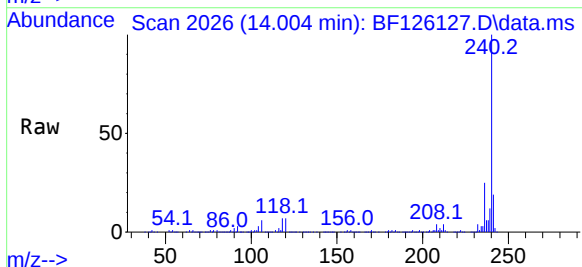
Instrument :  
BNA\_F  
ClientSampleId :  
PB140700BL

Tgt Ion:188 Resp: 812247  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.7 10.1  
80 8.8 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF126127.D  
Acq: 11 Nov 2021 15:54

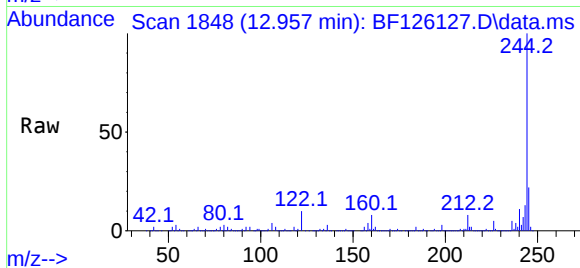
Tgt Ion:240 Resp: 604509  
Ion Ratio Lower Upper  
240 100  
120 7.3 10.8 16.2#  
236 24.8 21.6 32.4





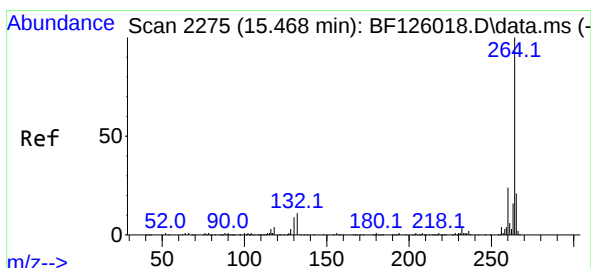
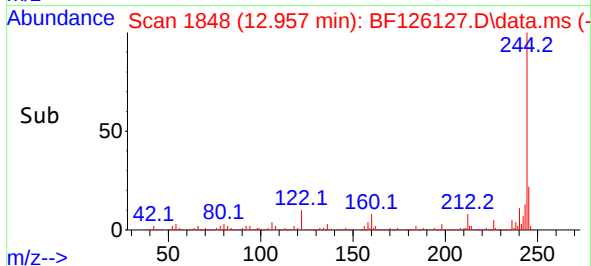
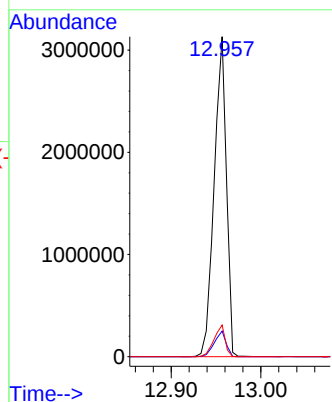
#79  
 Terphenyl-d14  
 Concen: 79.012 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. -0.006 min  
 Lab File: BF126127.D  
 Acq: 11 Nov 2021 15:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB140700BL



Tgt Ion:244 Resp: 2962003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.0   | 5.9   | 8.9   |
| 122 | 9.9   | 9.0   | 13.4  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2275  
 Delta R.T. 0.000 min  
 Lab File: BF126127.D  
 Acq: 11 Nov 2021 15:54

Tgt Ion:264 Resp: 432829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.6  | 29.4  |
| 265 | 20.8  | 17.2  | 25.8  |

