

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122121\  
 Data File : BF126301.D  
 Acq On : 21 Dec 2021 17:27  
 Operator : JU/CG  
 Sample : PB141610BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141610BL

Quant Time: Dec 22 05:21:15 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF121521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 16 12:22:48 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.816  | 152  | 183186   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.098  | 136  | 799874   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.851  | 164  | 387075   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.339 | 188  | 635588   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.974 | 240  | 353805   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.421 | 264  | 274829   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.445  | 112  | 1469534  | 118.137 | ng    | 0.02     |
| 7) Phenol-d6                | 6.445  | 99   | 1883064  | 119.222 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 1247101  | 84.441  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.645 | 330  | 400934   | 128.888 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.181  | 172  | 1744758  | 79.057  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.927 | 244  | 1598073  | 78.508  | ng    | 0.00     |

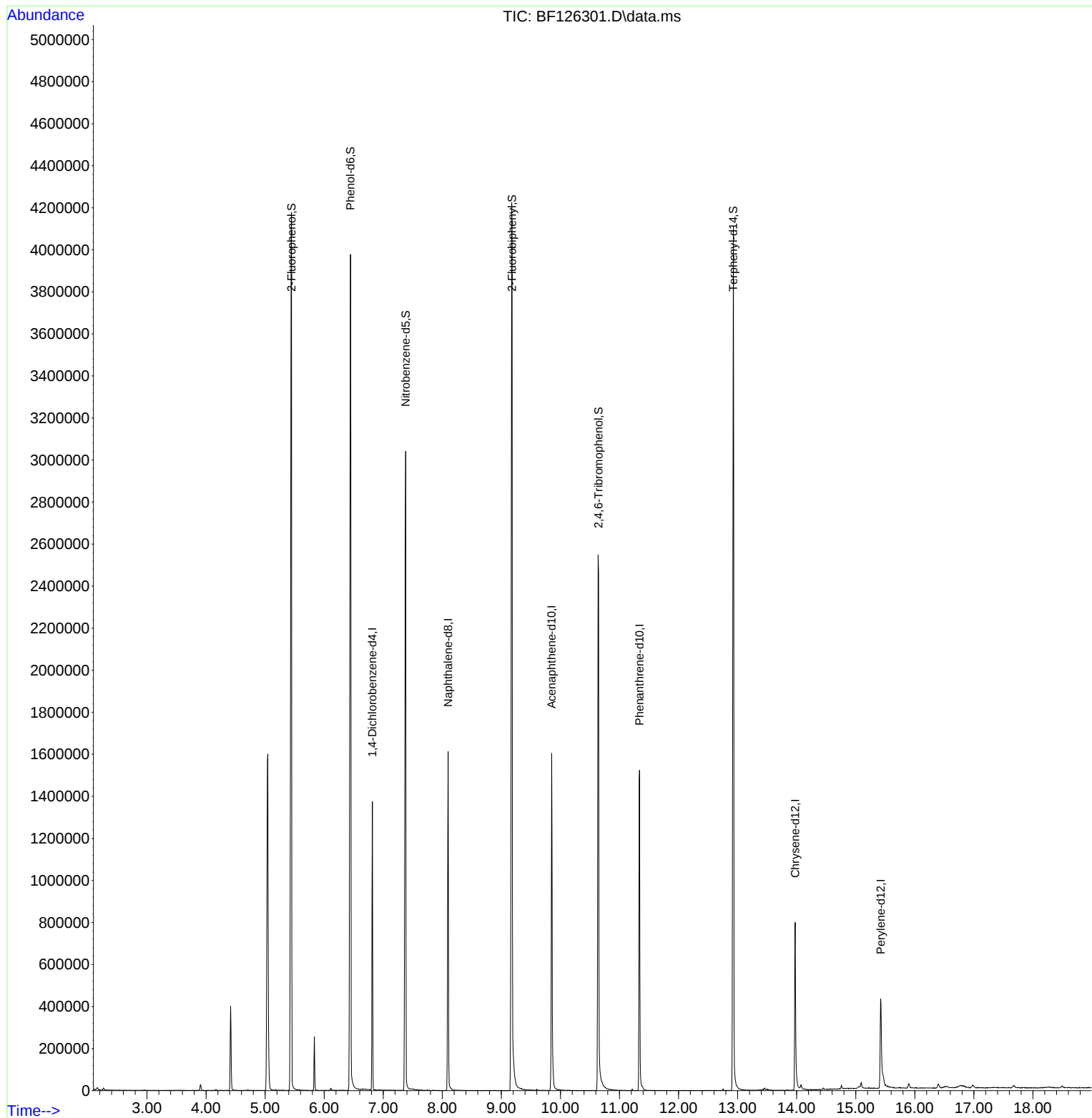
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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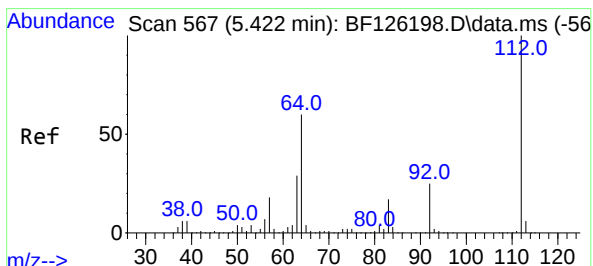
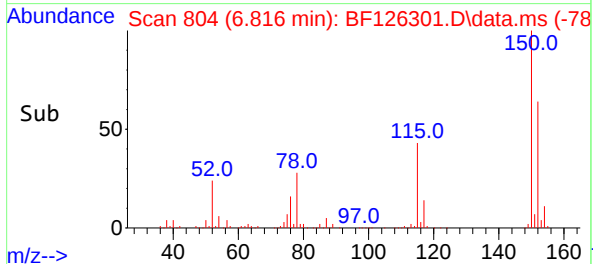
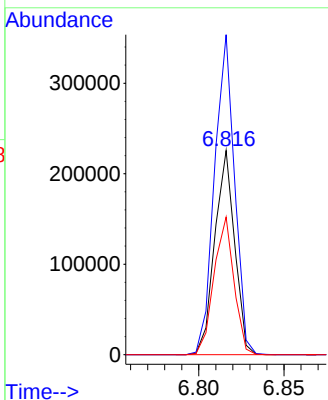
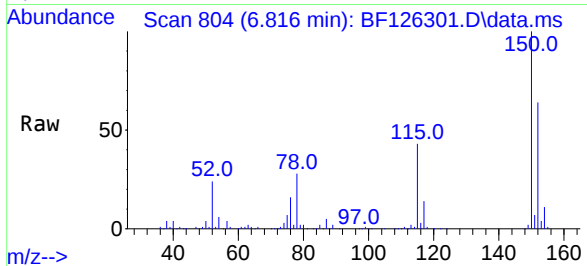




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.000 min  
Lab File: BF126301.D  
Acq: 21 Dec 2021 17:27

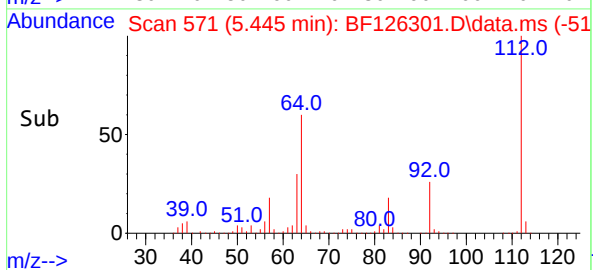
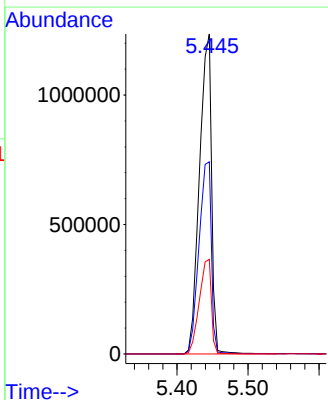
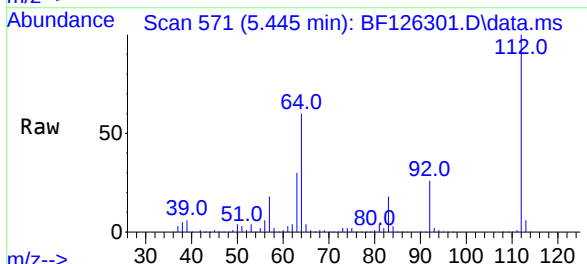
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BNA\_F  
ClientSampleId :  
PB141610BL

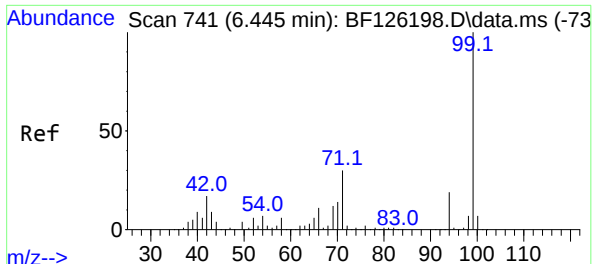
Tgt Ion:152 Resp: 183186  
Ion Ratio Lower Upper  
152 100  
150 156.8 117.6 176.4  
115 67.4 47.1 70.7



#5  
2-Fluorophenol  
Concen: 118.137 ng  
RT: 5.445 min Scan# 571  
Delta R.T. 0.024 min  
Lab File: BF126301.D  
Acq: 21 Dec 2021 17:27

Tgt Ion:112 Resp: 1469534  
Ion Ratio Lower Upper  
112 100  
64 60.1 44.2 66.2  
63 29.6 26.2 39.2

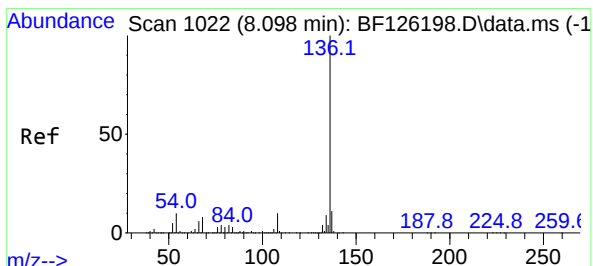
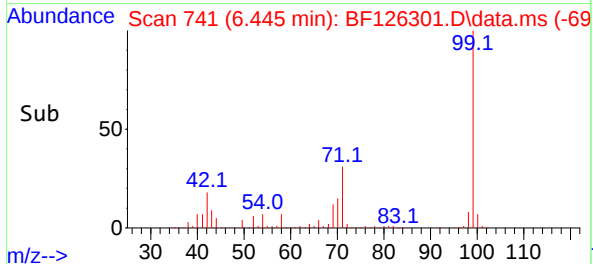
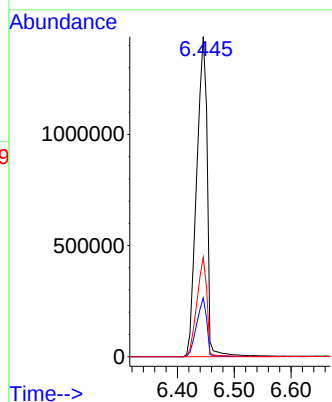
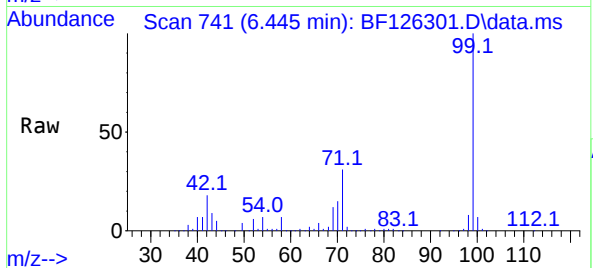




#7  
Phenol-d6  
Concen: 119.222 ng  
RT: 6.445 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BF126301.D  
Acq: 21 Dec 2021 17:27

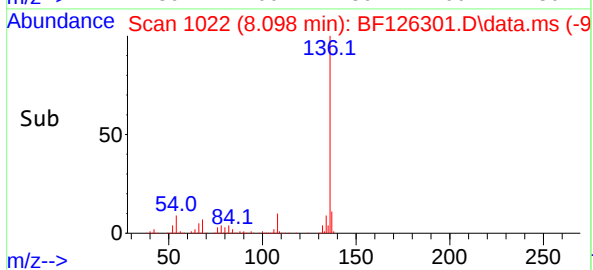
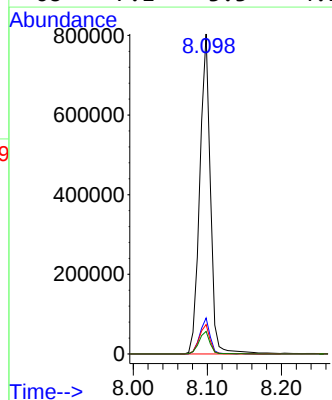
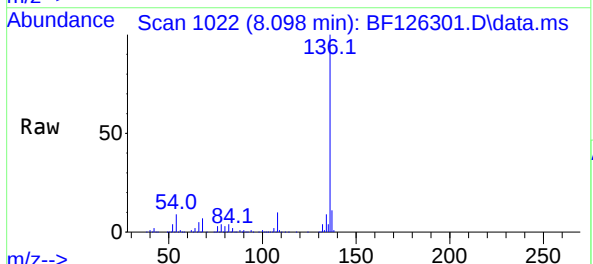
Instrument :  
BNA\_F  
ClientSampleId :  
PB141610BL

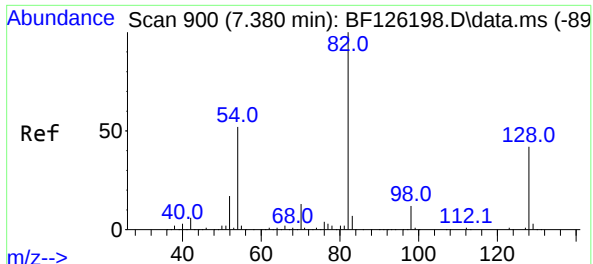
Tgt Ion: 99 Resp: 1883064  
Ion Ratio Lower Upper  
99 100  
42 18.3 23.5 35.3#  
71 31.1 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: BF126301.D  
Acq: 21 Dec 2021 17:27

Tgt Ion: 136 Resp: 799874  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.8 14.6  
54 9.2 6.4 9.6  
68 7.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 84.441 ng

RT: 7.381 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF126301.D

Acq: 21 Dec 2021 17:27

Instrument :

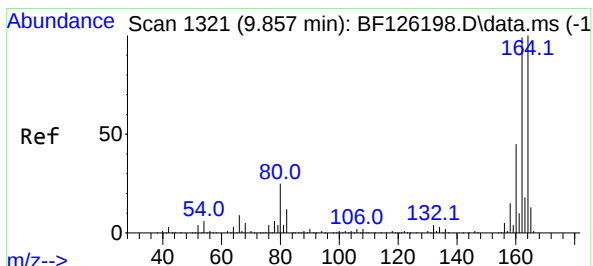
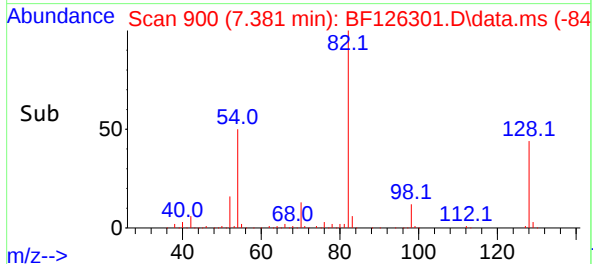
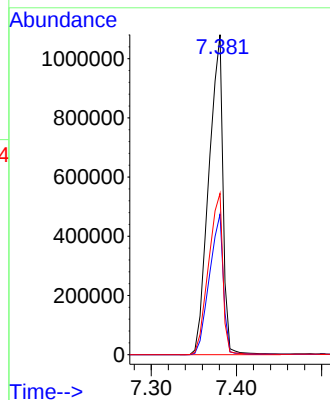
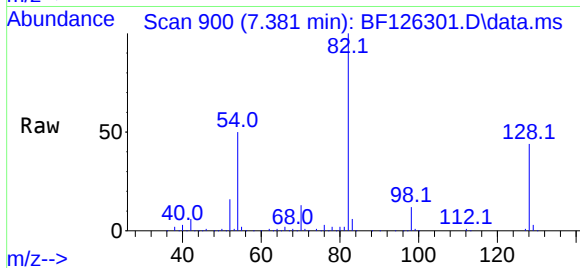
BNA\_F

ClientSampleId :

PB141610BL

Tgt Ion: 82 Resp: 1247101

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.9  | 40.6  | 60.8  |
| 54  | 50.4  | 49.6  | 74.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

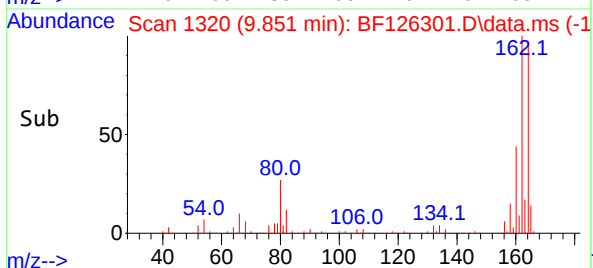
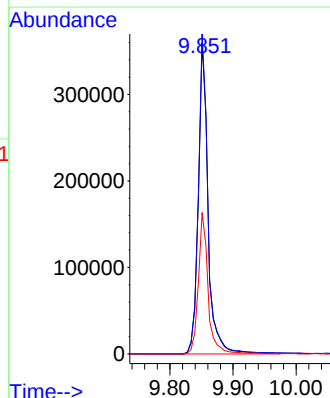
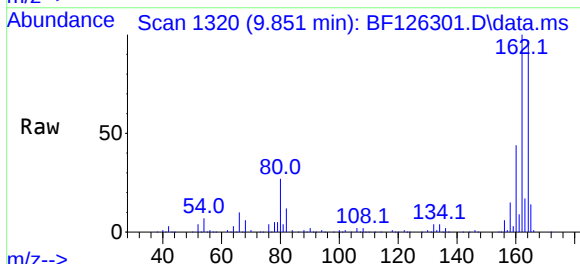
Delta R.T. -0.006 min

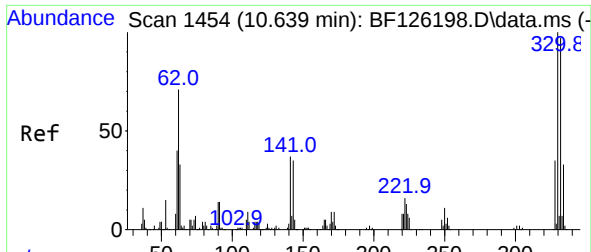
Lab File: BF126301.D

Acq: 21 Dec 2021 17:27

Tgt Ion:164 Resp: 387075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.8 | 81.3  | 121.9 |
| 160 | 45.4  | 38.0  | 57.0  |





#42

2,4,6-Tribromophenol

Concen: 128.888 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.006 min

Lab File: BF126301.D

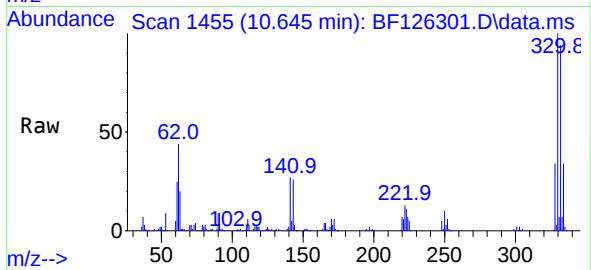
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Instrument :

BNA\_F

ClientSampleId :

PB141610BL



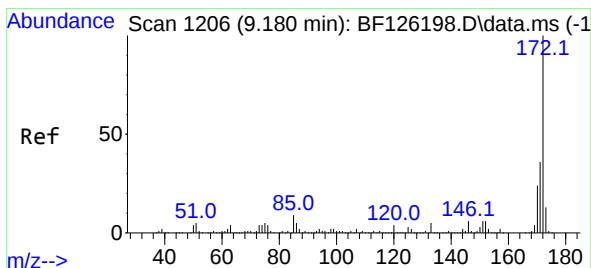
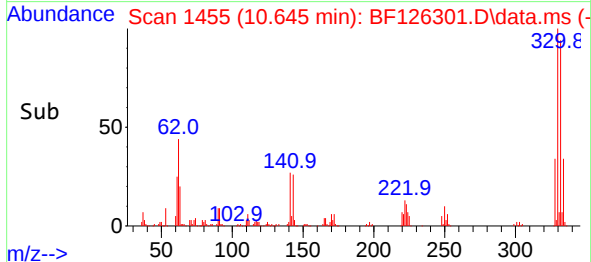
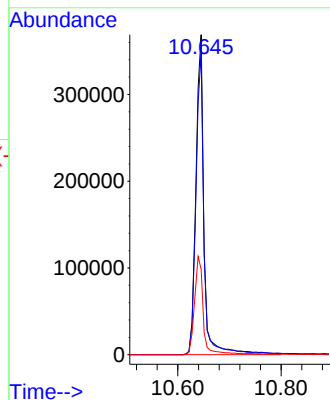
Tgt Ion:330 Resp: 400934

Ion Ratio Lower Upper

330 100

332 93.5 76.2 114.4

141 34.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 79.057 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126301.D

Acq: 21 Dec 2021 17:27

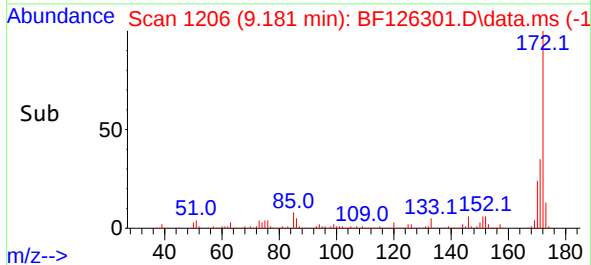
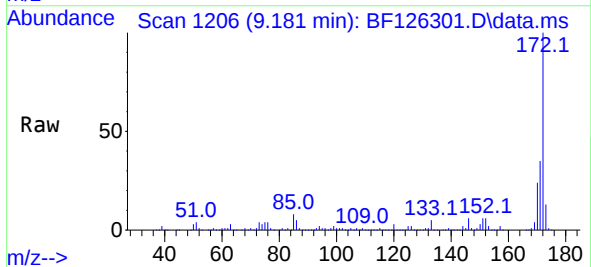
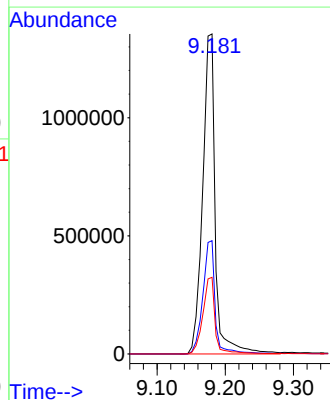
Tgt Ion:172 Resp: 1744758

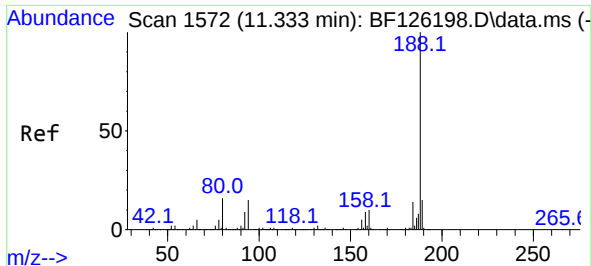
Ion Ratio Lower Upper

172 100

171 35.4 26.5 39.7

170 24.0 18.8 28.2

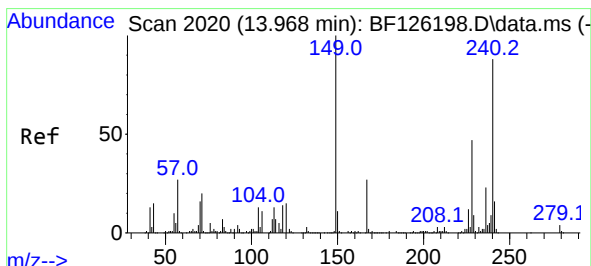
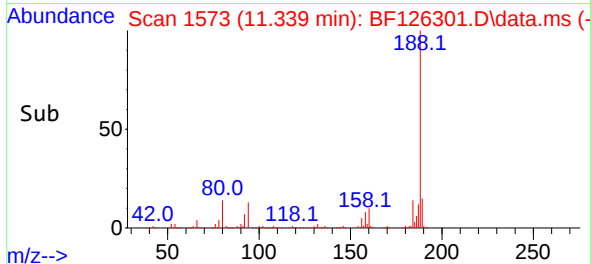
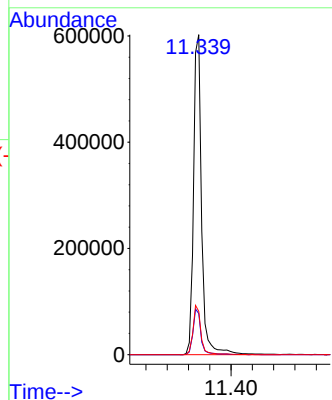
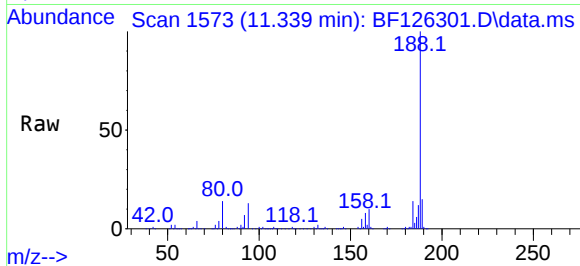




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF126301.D  
Acq: 21 Dec 2021 17:27

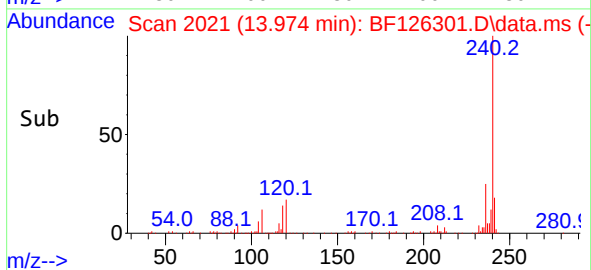
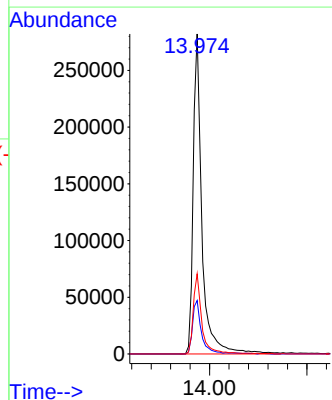
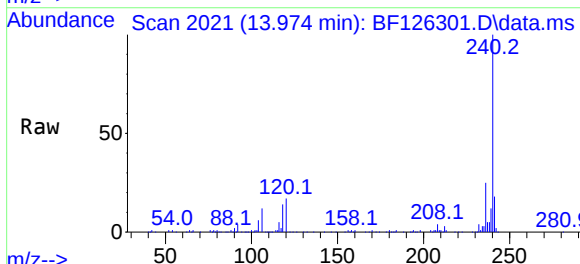
Instrument :  
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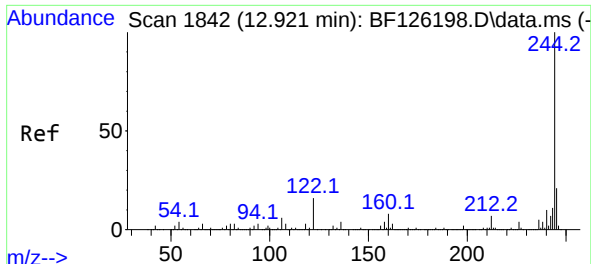
Tgt Ion:188 Resp: 635588  
Ion Ratio Lower Upper  
188 100  
94 12.8 6.7 10.1#  
80 13.5 7.5 11.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BF126301.D  
Acq: 21 Dec 2021 17:27

Tgt Ion:240 Resp: 353805  
Ion Ratio Lower Upper  
240 100  
120 16.7 10.8 16.2#  
236 25.0 21.6 32.4

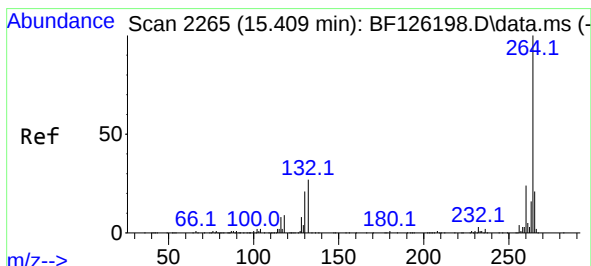
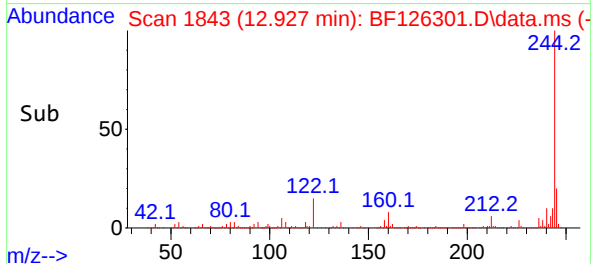
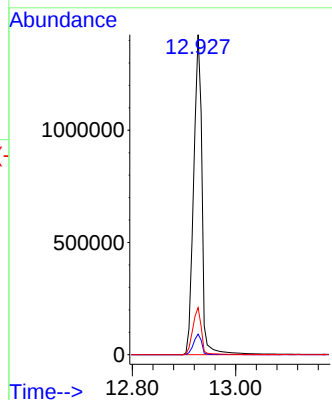
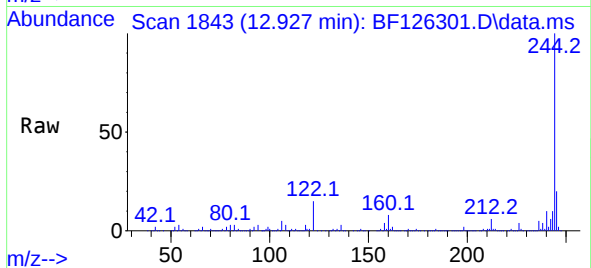




#79  
 Terphenyl-d14  
 Concen: 78.508 ng  
 RT: 12.927 min Scan# 1843  
 Delta R.T. 0.006 min  
 Lab File: BF126301.D  
 Acq: 21 Dec 2021 17:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB141610BL

Tgt Ion:244 Resp: 1598073  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.9 8.9  
 122 14.7 9.0 13.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. 0.012 min  
 Lab File: BF126301.D  
 Acq: 21 Dec 2021 17:27

Tgt Ion:264 Resp: 274829  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.6 29.4  
 265 22.6 17.2 25.8

