

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF123021\  
 Data File : BF126414.D  
 Acq On : 30 Dec 2021 12:07  
 Operator : JU/CG  
 Sample : M5223-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DB-19-(40-45)-12-22-21

Quant Time: Dec 30 13:25:36 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 04:30:49 2021  
 Response via : Initial Calibration

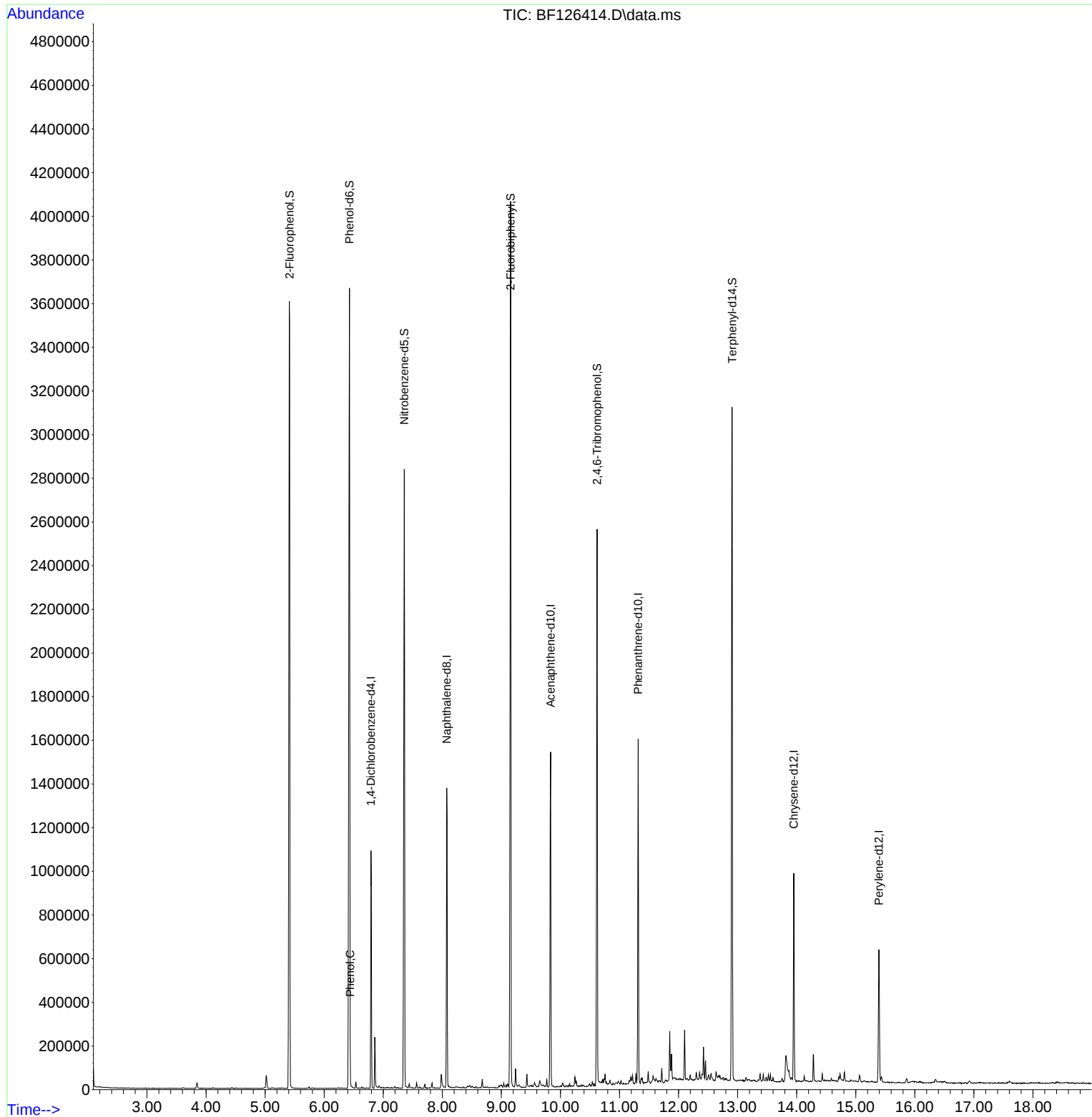
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.792  | 152  | 147909   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.075  | 136  | 630220   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.833  | 164  | 300205   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.316 | 188  | 504650   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.951 | 240  | 285325   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 15.392 | 264  | 241757   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.416  | 112  | 1187807  | 115.325 | ng    | 0.01      |
| 7) Phenol-d6                | 6.428  | 99   | 1538725  | 115.345 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.357  | 82   | 1060240  | 86.381  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.622 | 330  | 295300   | 127.294 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 1306898  | 76.607  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.910 | 244  | 1132875  | 77.144  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 10) Phenol                  | 6.439  | 94   | 48590    | 3.264   | ng    | Qvalue 89 |
| -----                       |        |      |          |         |       |           |

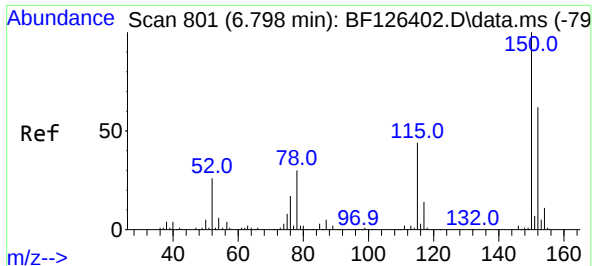
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF123021\  
Data File : BF126414.D  
Acq On : 30 Dec 2021 12:07  
Operator : JU/CG  
Sample : M5223-02  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DB-19-(40-45)-12-22-21

Quant Time: Dec 30 13:25:36 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 30 04:30:49 2021  
Response via : Initial Calibration

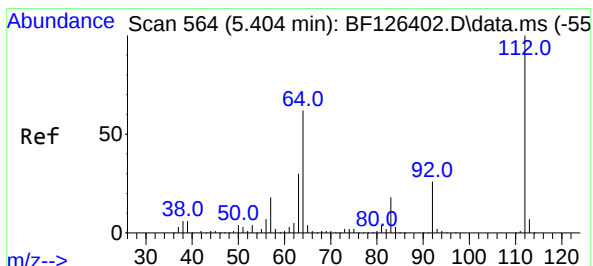
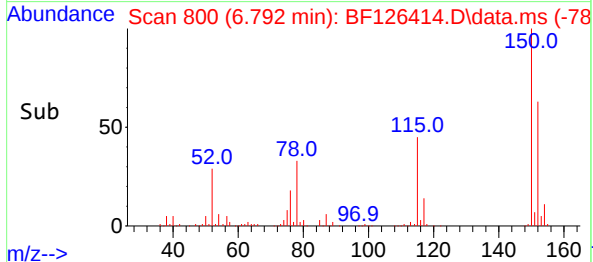
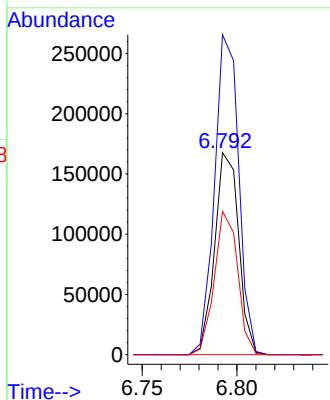
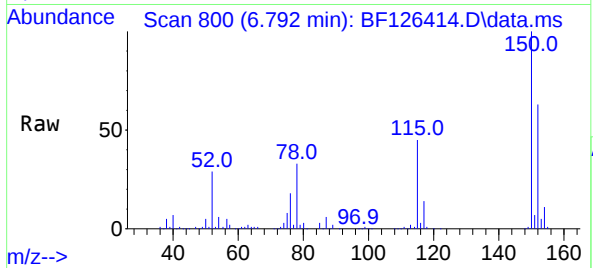




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.792 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

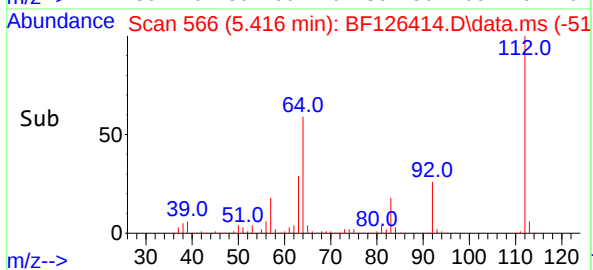
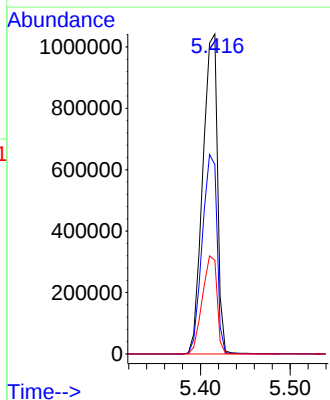
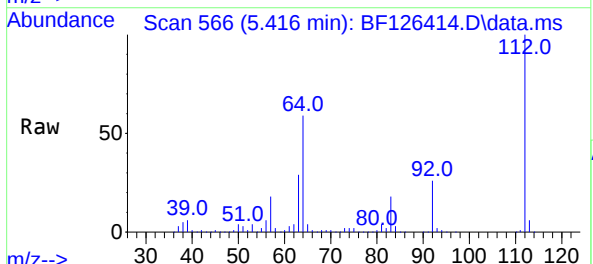
Instrument :  
BNA\_F  
ClientSampleId :  
DB-19-(40-45)-12-22-21

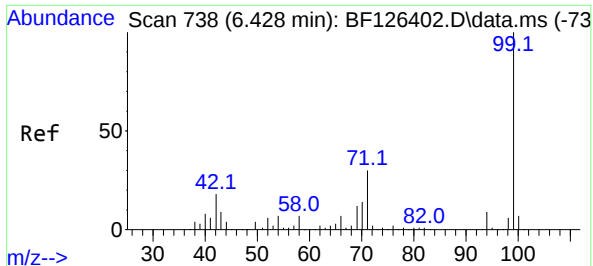
Tgt Ion:152 Resp: 147909  
Ion Ratio Lower Upper  
152 100  
150 158.3 128.1 192.1  
115 71.0 56.7 85.1



#5  
2-Fluorophenol  
Concen: 115.325 ng  
RT: 5.416 min Scan# 566  
Delta R.T. 0.012 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

Tgt Ion:112 Resp: 1187807  
Ion Ratio Lower Upper  
112 100  
64 59.2 49.5 74.3  
63 29.3 23.9 35.9



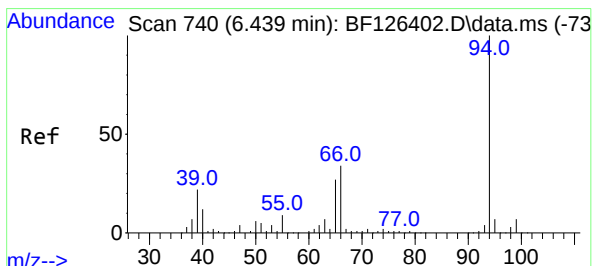
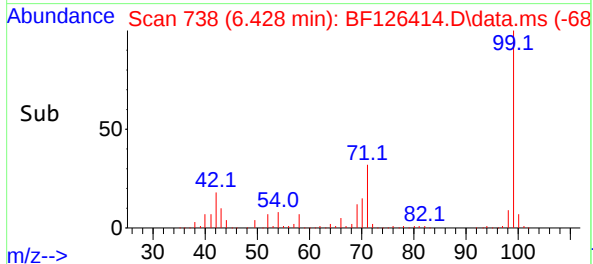
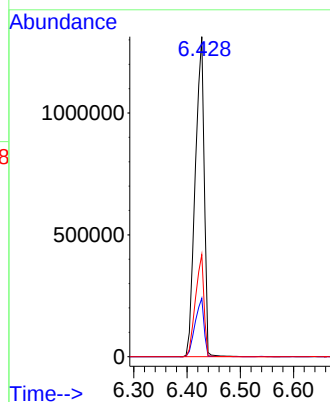
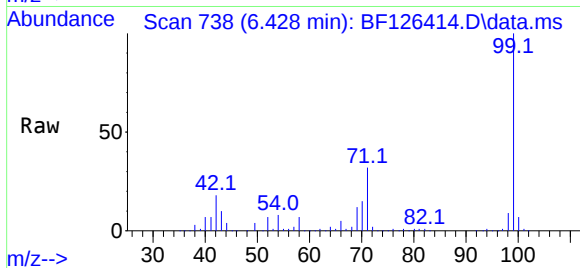


#7  
Phenol-d6  
Concen: 115.345 ng  
RT: 6.428 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

Instrument :  
BNA\_F  
ClientSampleId :  
DB-19-(40-45)-12-22-21

Tgt Ion: 99 Resp: 1538725

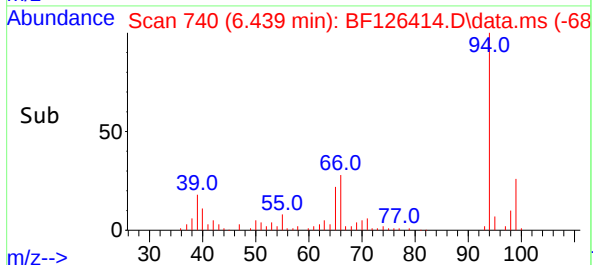
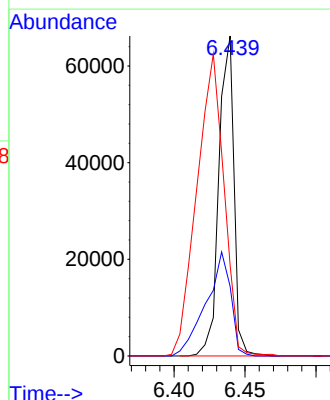
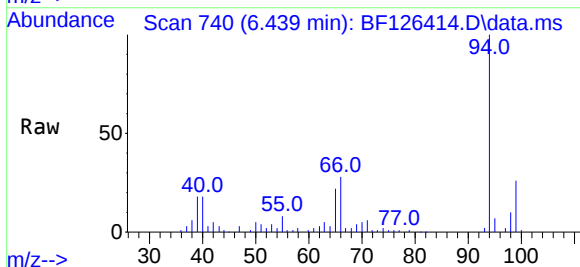
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.2  | 14.2  | 21.4  |
| 71  | 31.9  | 24.3  | 36.5  |

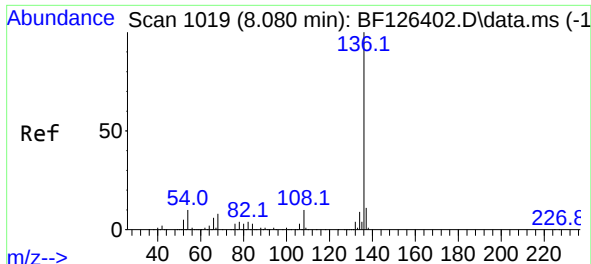


#10  
Phenol  
Concen: 3.264 ng  
RT: 6.439 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

Tgt Ion: 94 Resp: 48590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 21.8  | 7.2   | 47.2  |
| 66  | 28.4  | 14.5  | 54.5  |



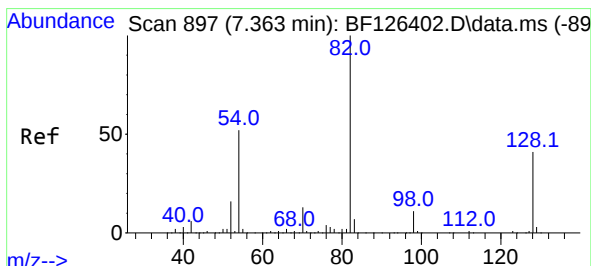
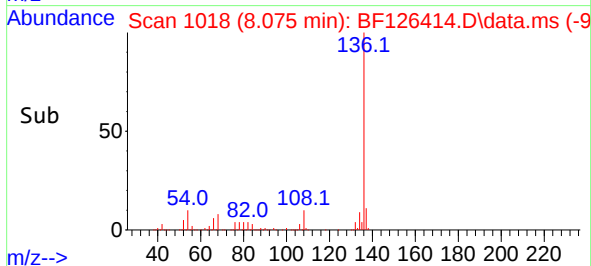
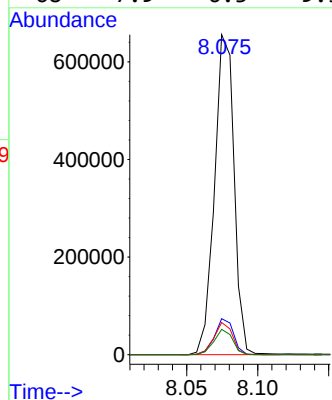
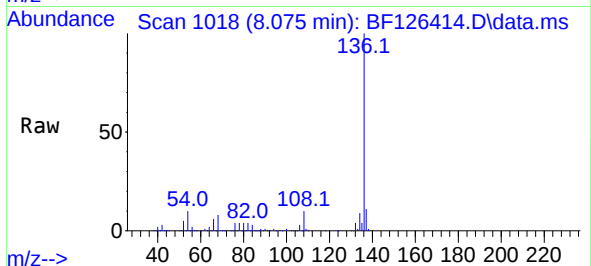


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.075 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

Instrument :  
BNA\_F  
ClientSampleId :  
DB-19-(40-45)-12-22-21

Tgt Ion:136 Resp: 630220

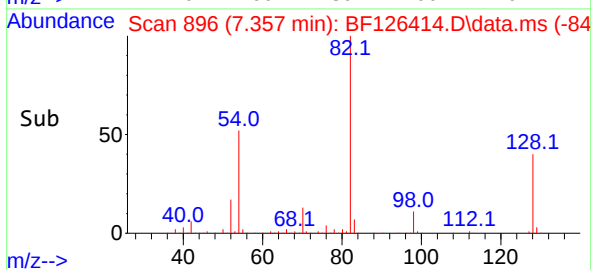
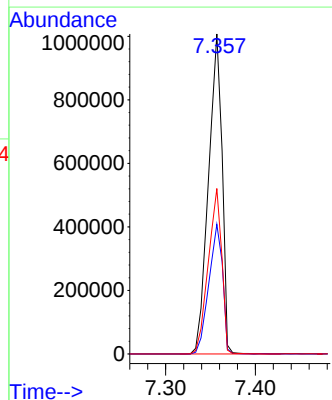
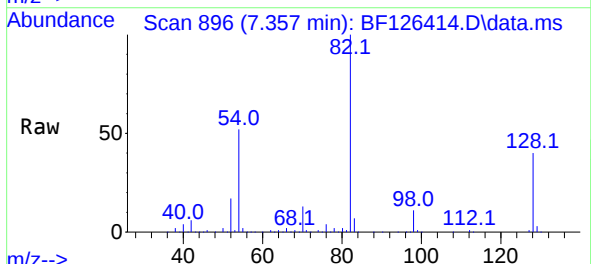
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.6   | 13.0  |
| 54  | 10.0  | 7.8   | 11.6  |
| 68  | 7.9   | 6.3   | 9.5   |

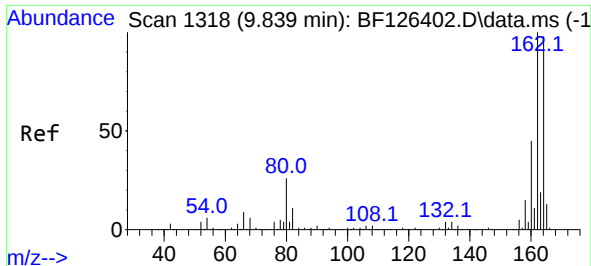


#23  
Nitrobenzene-d5  
Concen: 86.381 ng  
RT: 7.357 min Scan# 896  
Delta R.T. -0.006 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

Tgt Ion: 82 Resp: 1060240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.5  | 32.7  | 49.1  |
| 54  | 51.7  | 41.7  | 62.5  |

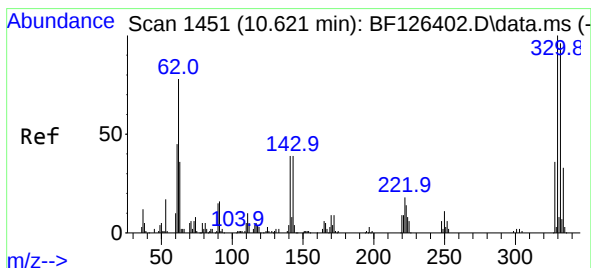
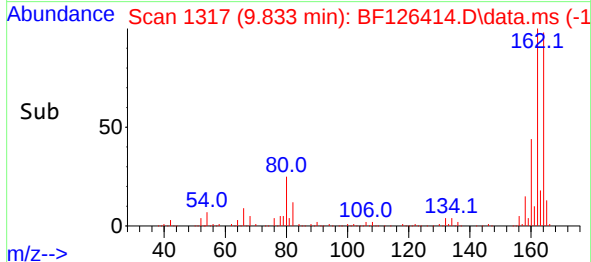
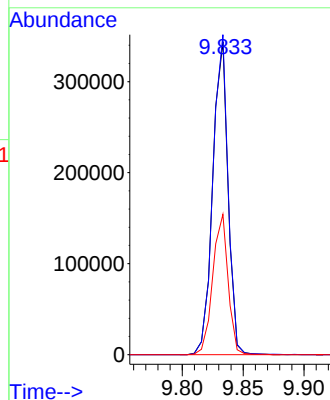
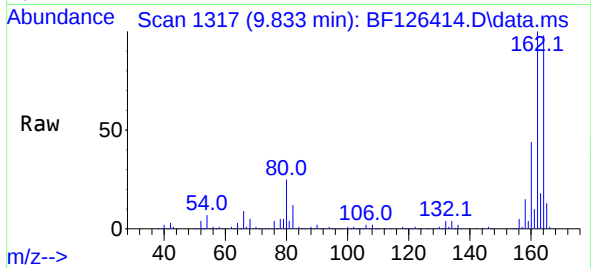




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.833 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

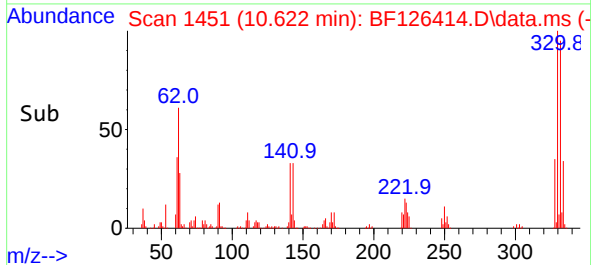
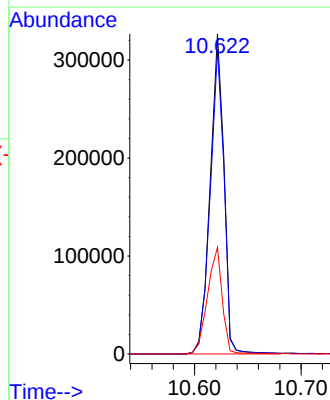
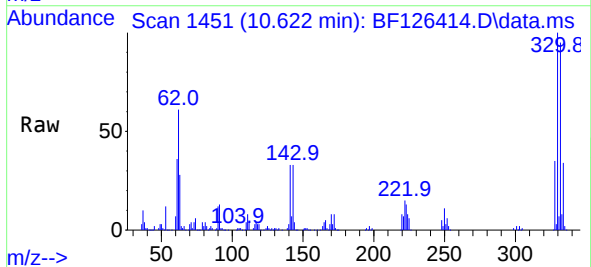
Instrument :  
BNA\_F  
ClientSampleId :  
DB-19-(40-45)-12-22-21

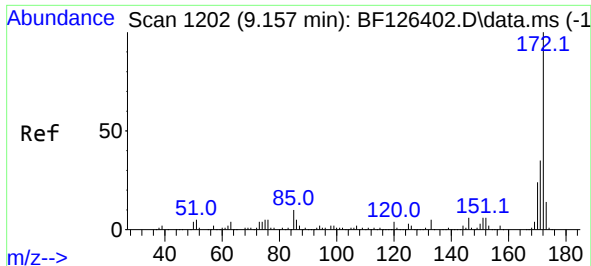
Tgt Ion:164 Resp: 300205  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.4 122.0  
160 44.8 36.6 54.8



#42  
2,4,6-Tribromophenol  
Concen: 127.294 ng  
RT: 10.622 min Scan# 1451  
Delta R.T. 0.000 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

Tgt Ion:330 Resp: 295300  
Ion Ratio Lower Upper  
330 100  
332 95.5 76.0 114.0  
141 35.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 76.607 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126414.D

Acq: 30 Dec 2021 12:07

Instrument :

BNA\_F

ClientSampleId :

DB-19-(40-45)-12-22-21

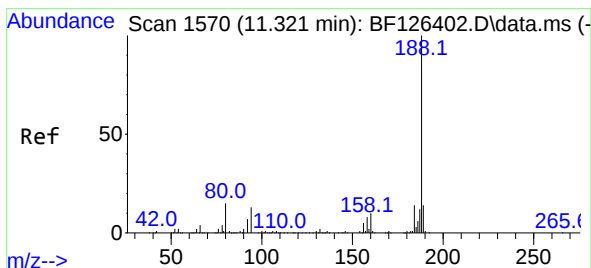
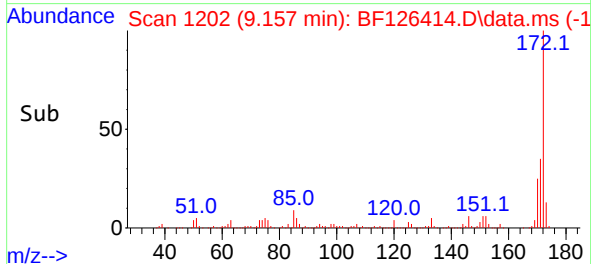
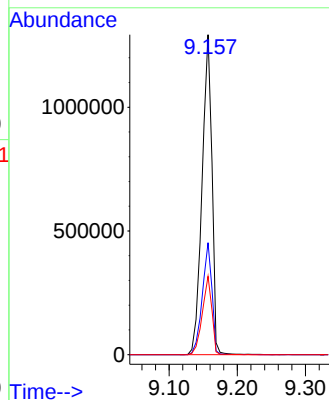
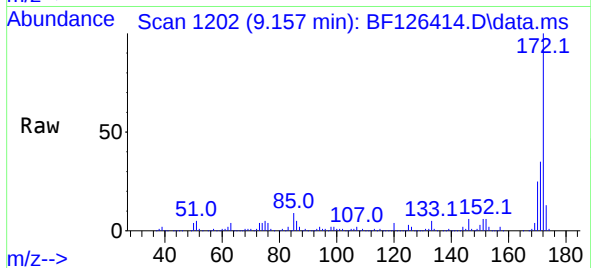
Tgt Ion:172 Resp: 1306898

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 24.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF126414.D

Acq: 30 Dec 2021 12:07

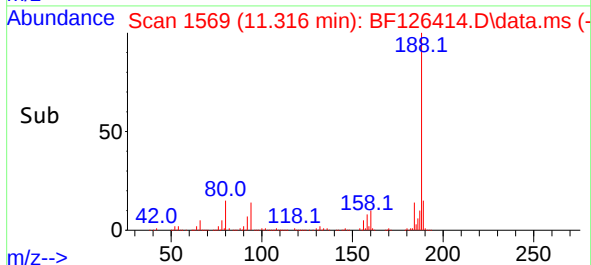
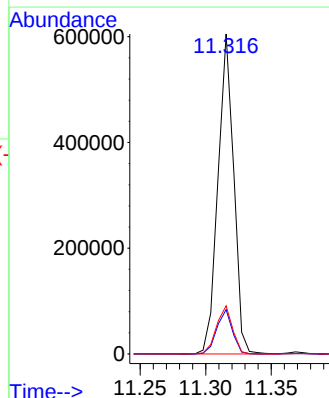
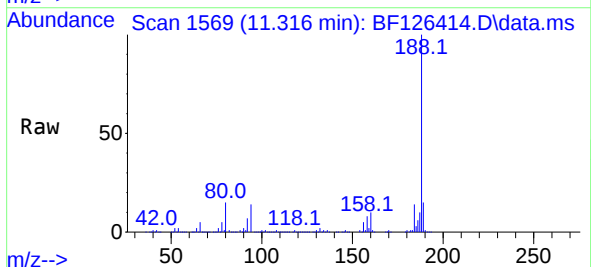
Tgt Ion:188 Resp: 504650

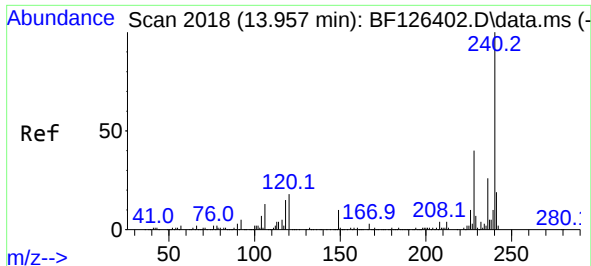
Ion Ratio Lower Upper

188 100

94 13.8 10.1 15.1

80 15.1 11.8 17.6

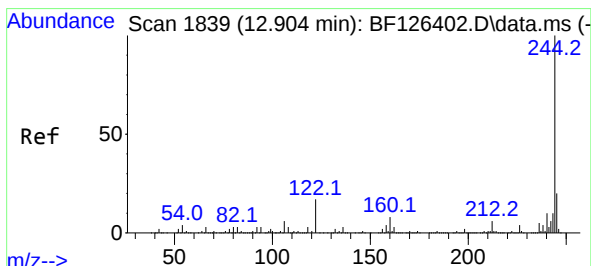
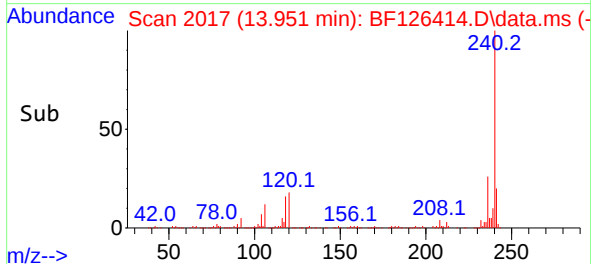
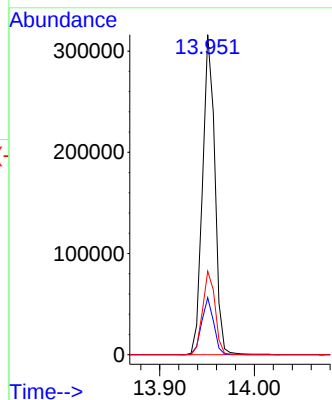
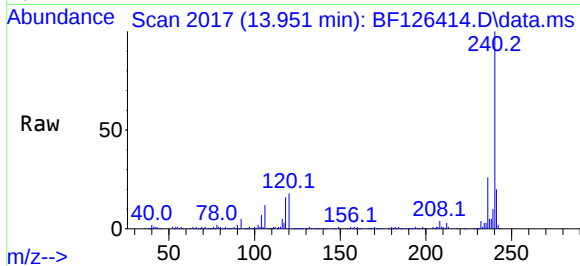




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

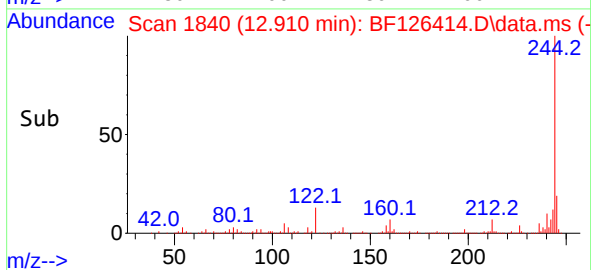
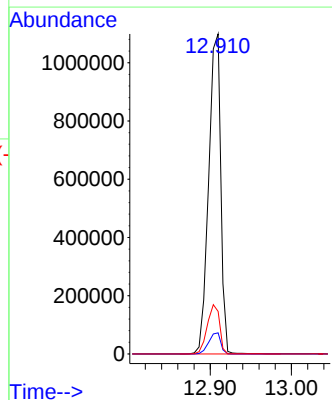
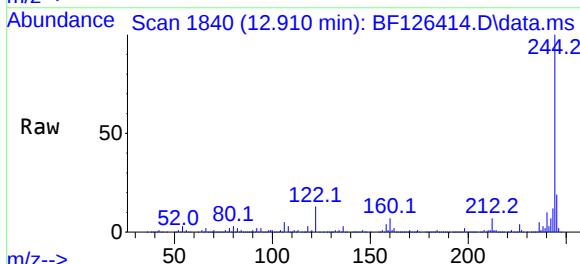
Instrument :  
BNA\_F  
ClientSampleId :  
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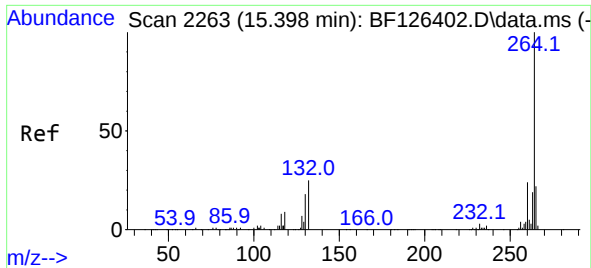
Tgt Ion:240 Resp: 285325  
Ion Ratio Lower Upper  
240 100  
120 17.8 14.4 21.6  
236 26.1 20.5 30.7



#79  
Terphenyl-d14  
Concen: 77.144 ng  
RT: 12.910 min Scan# 1840  
Delta R.T. 0.006 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

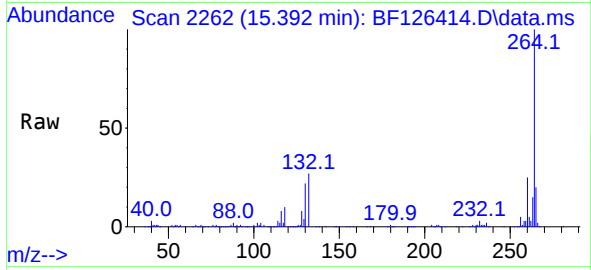
Tgt Ion:244 Resp: 1132875  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.0 7.4  
122 13.3 13.3 19.9





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.392 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF126414.D  
Acq: 30 Dec 2021 12:07

Instrument :  
BNA\_F  
ClientSampleId :  
DB-19-(40-45)-12-22-21



Tgt Ion:264 Resp: 241757  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.2  | 28.8  |
| 265 | 20.3  | 17.4  | 26.2  |

