

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022122\  
 Data File : BF126982.D  
 Acq On : 21 Feb 2022 19:23  
 Operator : CG\JU  
 Sample : N1587-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PRPH-DUP-GW

Quant Time: Feb 22 03:48:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 21 13:16:57 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.916  | 152  | 89870    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.198  | 136  | 369667   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.957  | 164  | 189485   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.445 | 188  | 336629   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.086 | 240  | 143717   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.586 | 264  | 161418   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 387644   | 66.667  | ng    | 0.00     |
| 7) Phenol-d6                | 6.534  | 99   | 327744   | 41.772  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.481  | 82   | 746639   | 91.167  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.745 | 330  | 255182   | 116.967 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.275  | 172  | 1271035  | 98.750  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.033 | 244  | 1173280  | 120.011 | ng    | 0.00     |

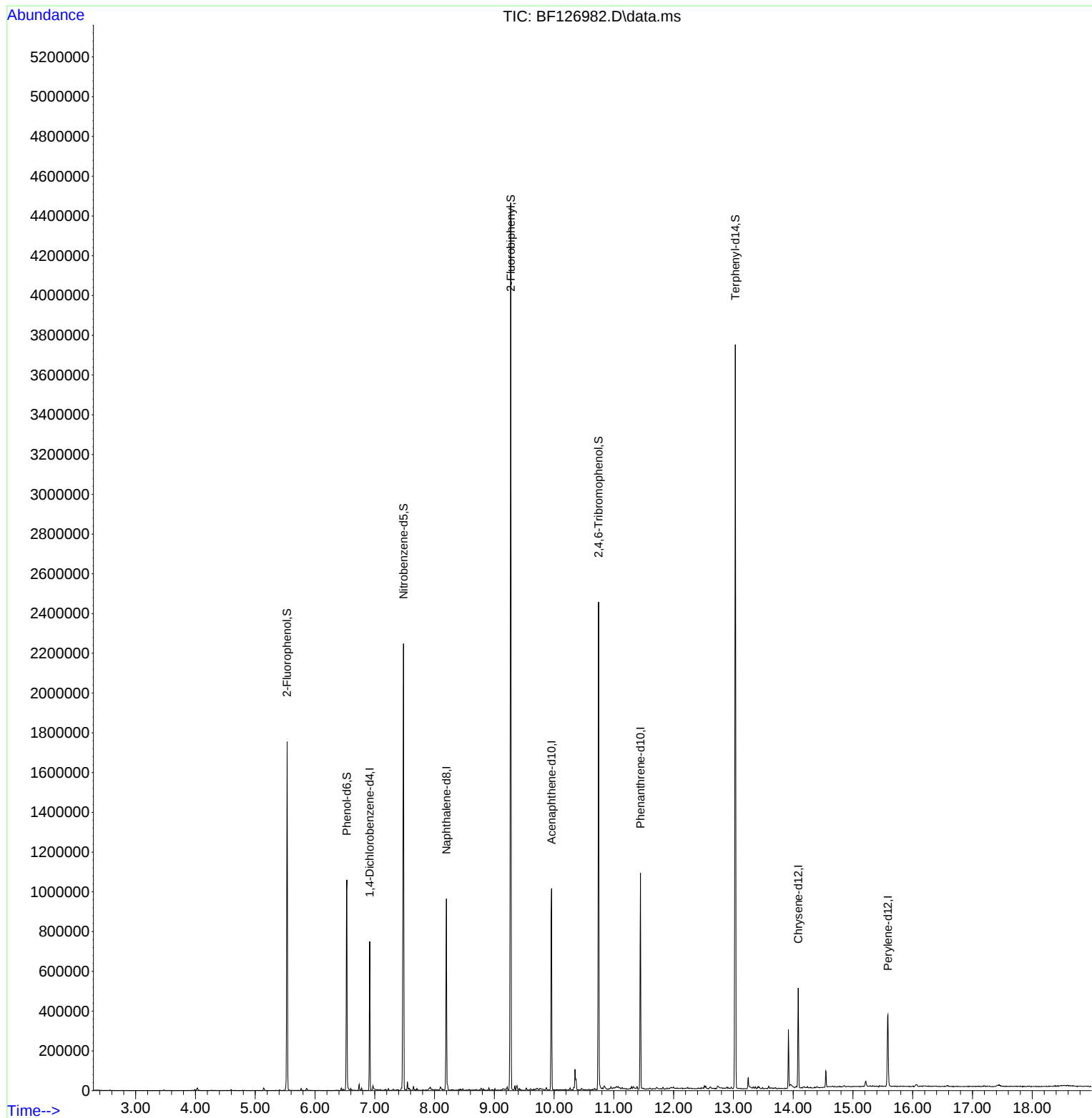
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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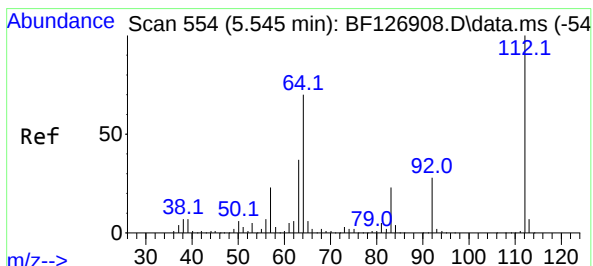
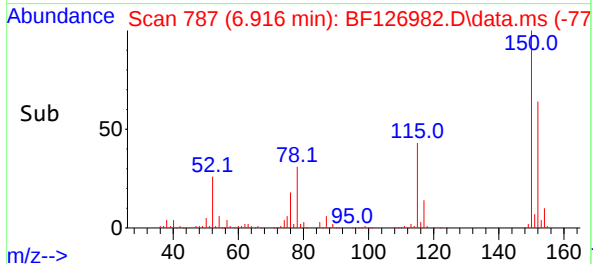
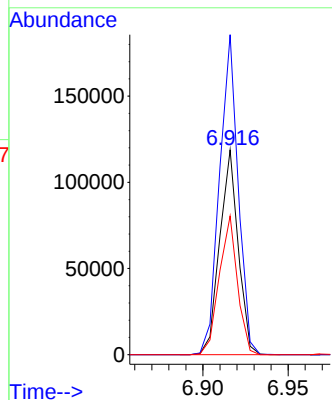
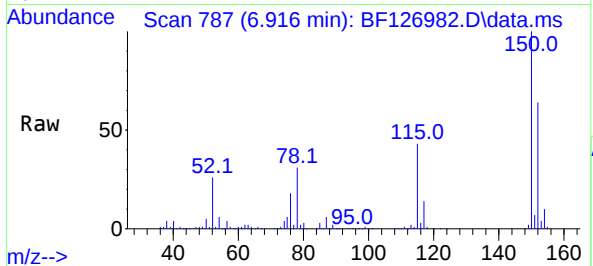




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

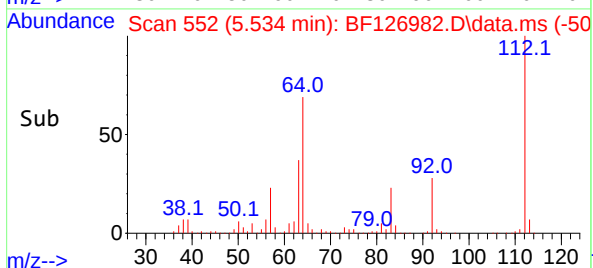
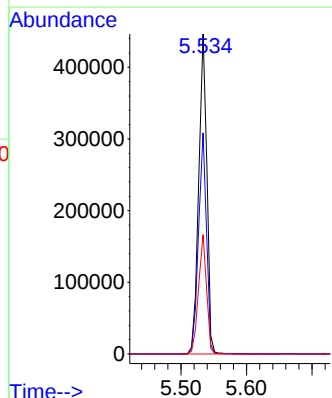
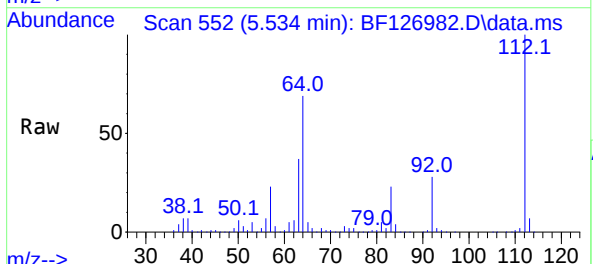
Instrument :  
BNA\_F  
ClientSampleId :  
PRPH-DUP-GW

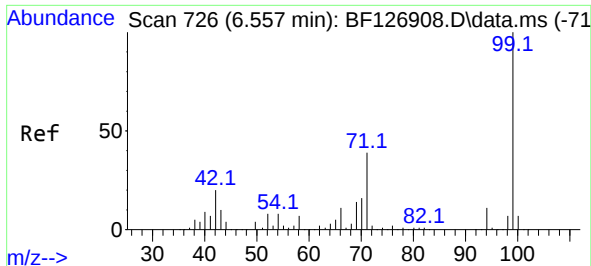
Tgt Ion:152 Resp: 89870  
Ion Ratio Lower Upper  
152 100  
150 156.3 128.1 192.1  
115 67.7 56.7 85.1



#5  
2-Fluorophenol  
Concen: 66.667 ng  
RT: 5.534 min Scan# 552  
Delta R.T. -0.006 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

Tgt Ion:112 Resp: 387644  
Ion Ratio Lower Upper  
112 100  
64 69.1 49.5 74.3  
63 37.3 23.9 35.9#

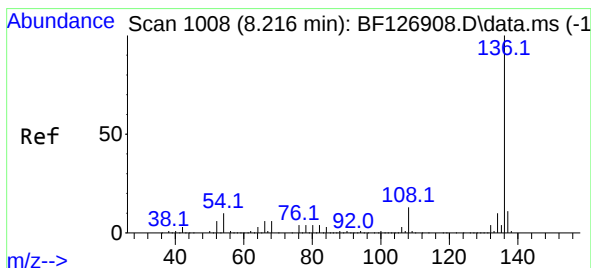
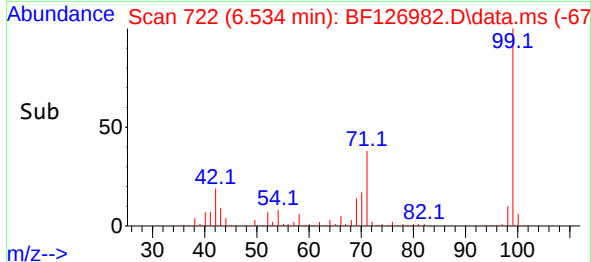
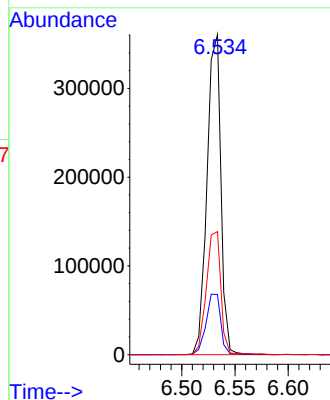
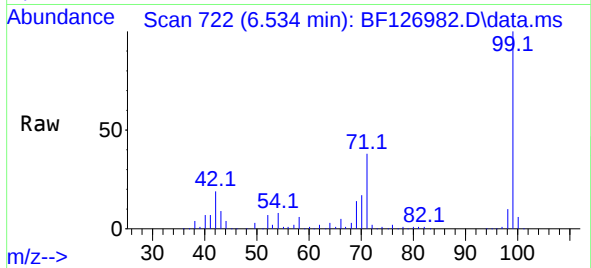




#7  
Phenol-d6  
Concen: 41.772 ng  
RT: 6.534 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

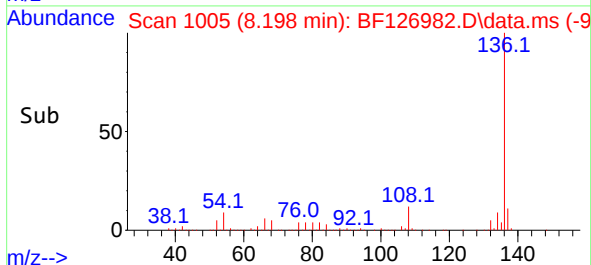
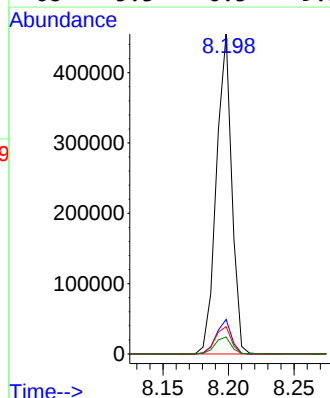
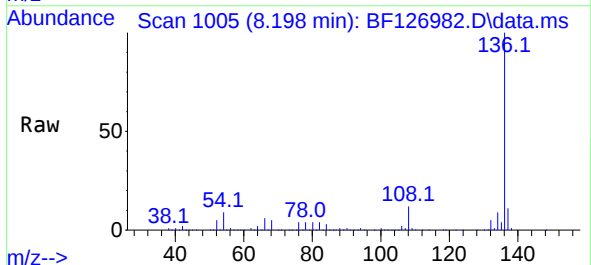
Instrument :  
BNA\_F  
ClientSampleId :  
PRPH-DUP-GW

Tgt Ion: 99 Resp: 327744  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.2 21.4  
71 38.5 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

Tgt Ion:136 Resp: 369667  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.5 7.8 11.6  
68 5.3 6.3 9.5#

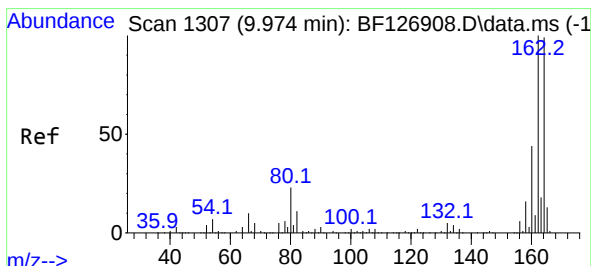
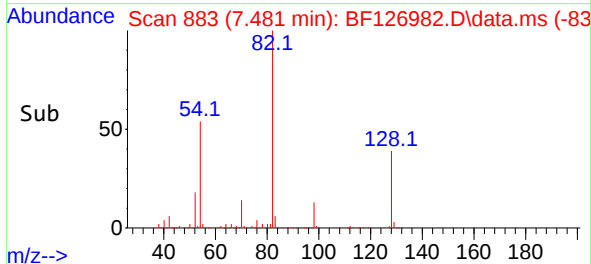
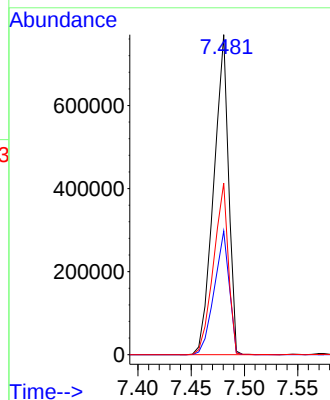
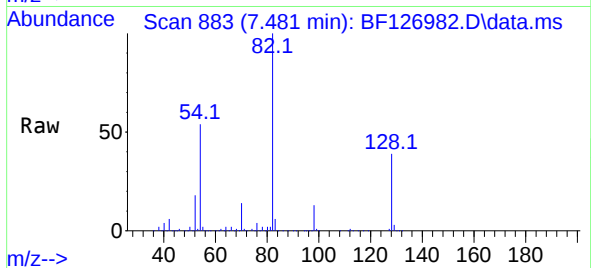




#23  
Nitrobenzene-d5  
Concen: 91.167 ng  
RT: 7.481 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

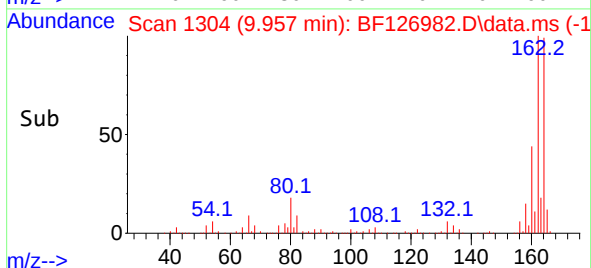
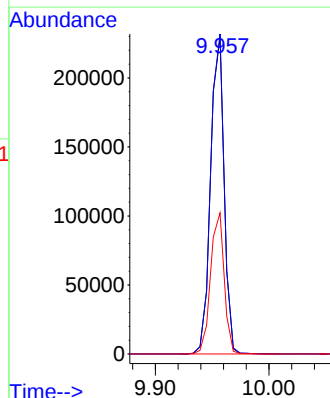
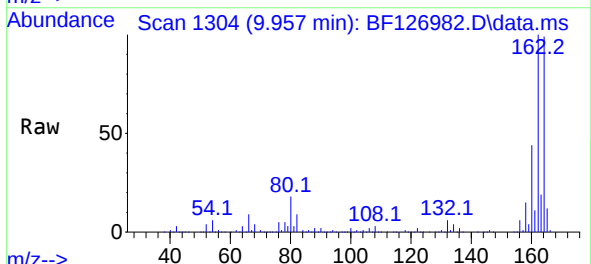
Instrument :  
BNA\_F  
ClientSampleId :  
PRPH-DUP-GW

Tgt Ion: 82 Resp: 746639  
Ion Ratio Lower Upper  
82 100  
128 38.6 32.7 49.1  
54 53.6 41.7 62.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.957 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

Tgt Ion: 164 Resp: 189485  
Ion Ratio Lower Upper  
164 100  
162 100.9 81.4 122.0  
160 44.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 116.967 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

Instrument :

BNA\_F

ClientSampleId :

PRPH-DUP-GW

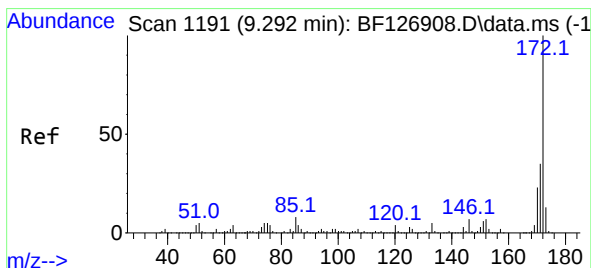
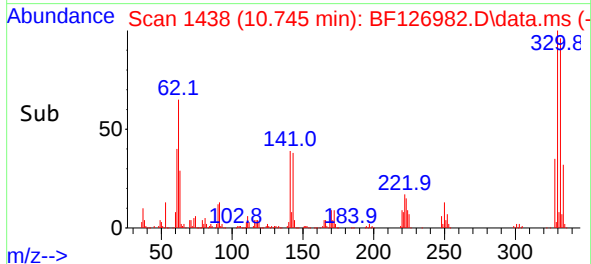
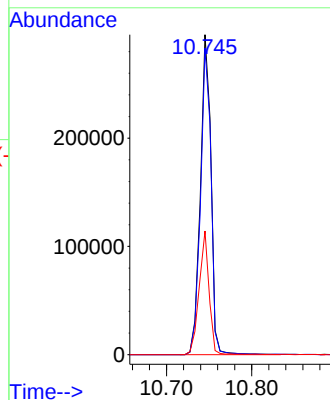
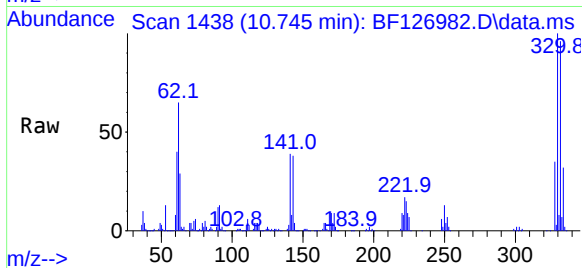
Tgt Ion:330 Resp: 255182

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 36.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 98.750 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126982.D

Acq: 21 Feb 2022 19:23

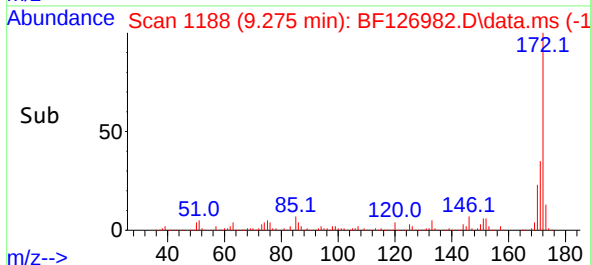
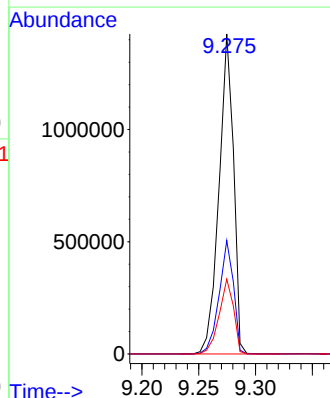
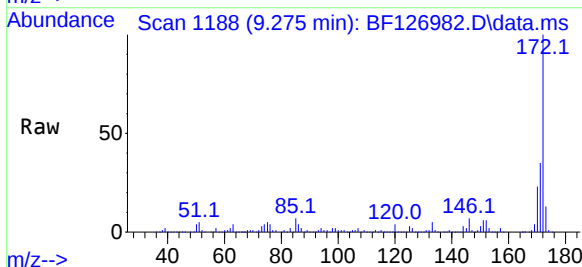
Tgt Ion:172 Resp: 1271035

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6

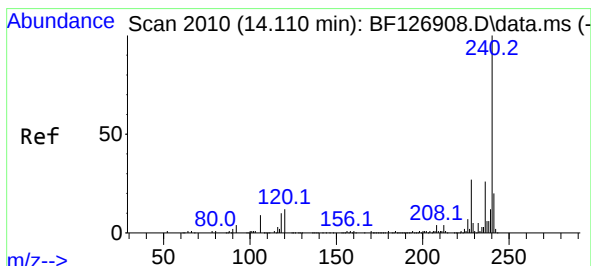
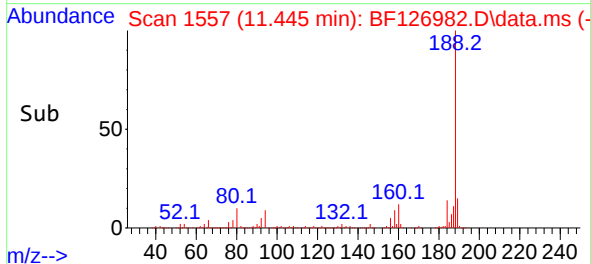
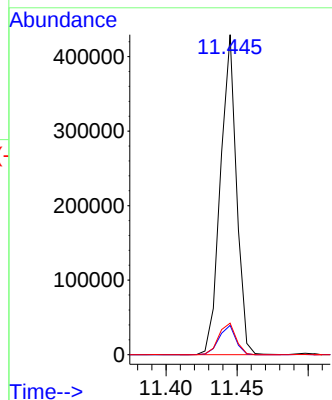
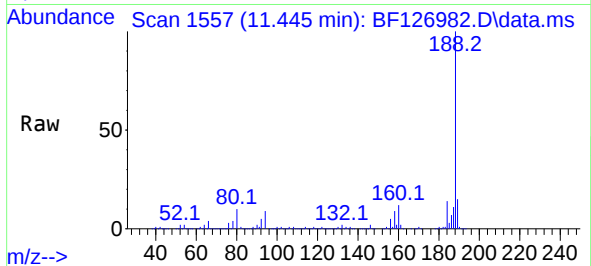




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

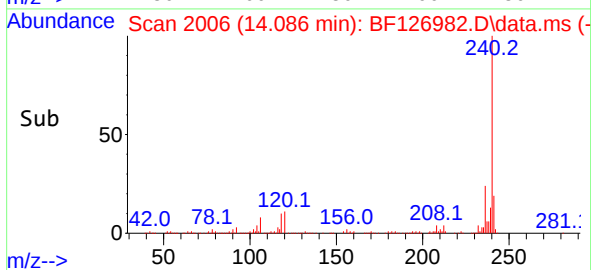
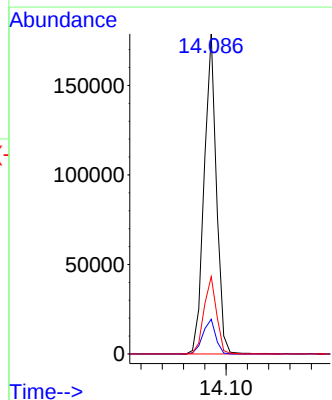
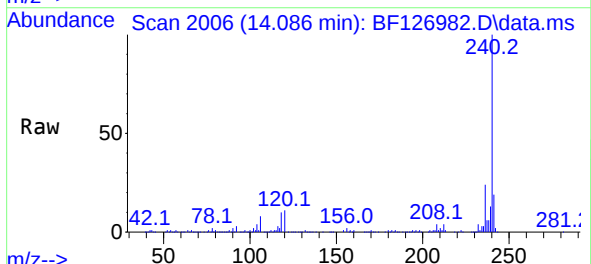
Instrument :  
BNA\_F  
ClientSampleId :  
PRPH-DUP-GW

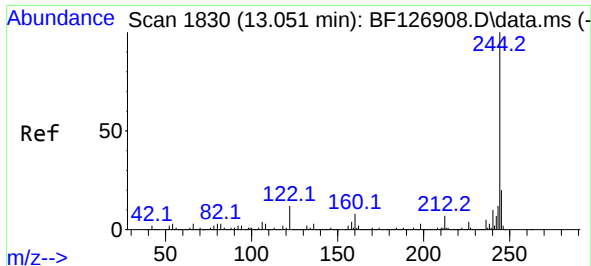
Tgt Ion:188 Resp: 336629  
Ion Ratio Lower Upper  
188 100  
94 9.2 10.1 15.1#  
80 9.8 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2006  
Delta R.T. -0.012 min  
Lab File: BF126982.D  
Acq: 21 Feb 2022 19:23

Tgt Ion:240 Resp: 143717  
Ion Ratio Lower Upper  
240 100  
120 10.9 14.4 21.6#  
236 24.2 20.5 30.7

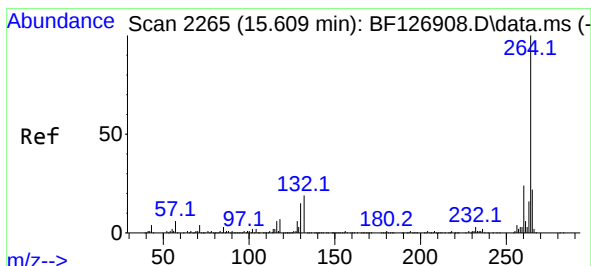
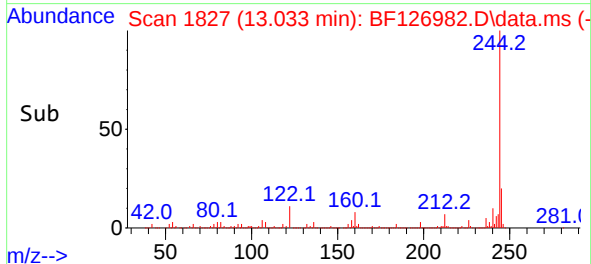
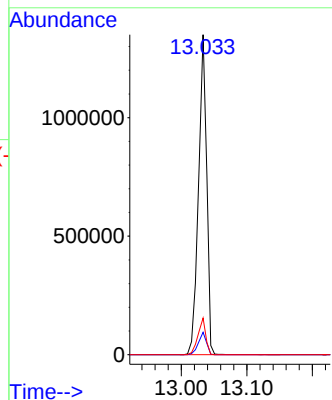
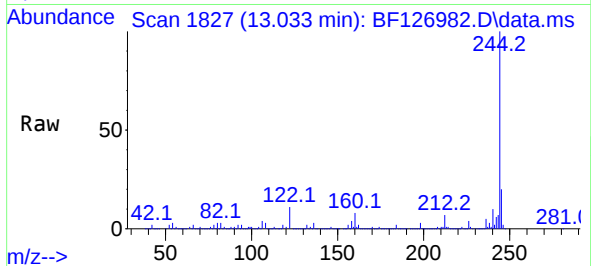




#79  
 Terphenyl-d14  
 Concen: 120.011 ng  
 RT: 13.033 min Scan# 1827  
 Delta R.T. -0.006 min  
 Lab File: BF126982.D  
 Acq: 21 Feb 2022 19:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PRPH-DUP-GW

Tgt Ion:244 Resp: 1173280  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.0 7.4  
 122 11.5 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.586 min Scan# 2261  
 Delta R.T. -0.006 min  
 Lab File: BF126982.D  
 Acq: 21 Feb 2022 19:23

Tgt Ion:264 Resp: 161418  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.2 28.8  
 265 21.9 17.4 26.2

