

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020322\  
 Data File : BF126789.D  
 Acq On : 03 Feb 2022 10:00  
 Operator : CG/JU  
 Sample : PB142428BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142428BL

Quant Time: Feb 03 11:32:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 02 15:08:47 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.945  | 152  | 153188   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.228  | 136  | 605878   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.986  | 164  | 339354   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.480 | 188  | 615464   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.127 | 240  | 471245   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.639 | 264  | 326174   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.575  | 112  | 1344903  | 120.249 | ng    | 0.01     |
| 7) Phenol-d6                | 6.569  | 99   | 1789704  | 115.682 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.510  | 82   | 1305306  | 80.629  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.780 | 330  | 429968   | 122.083 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.310  | 172  | 1679654  | 81.956  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.074 | 244  | 2062080  | 73.200  | ng    | 0.00     |

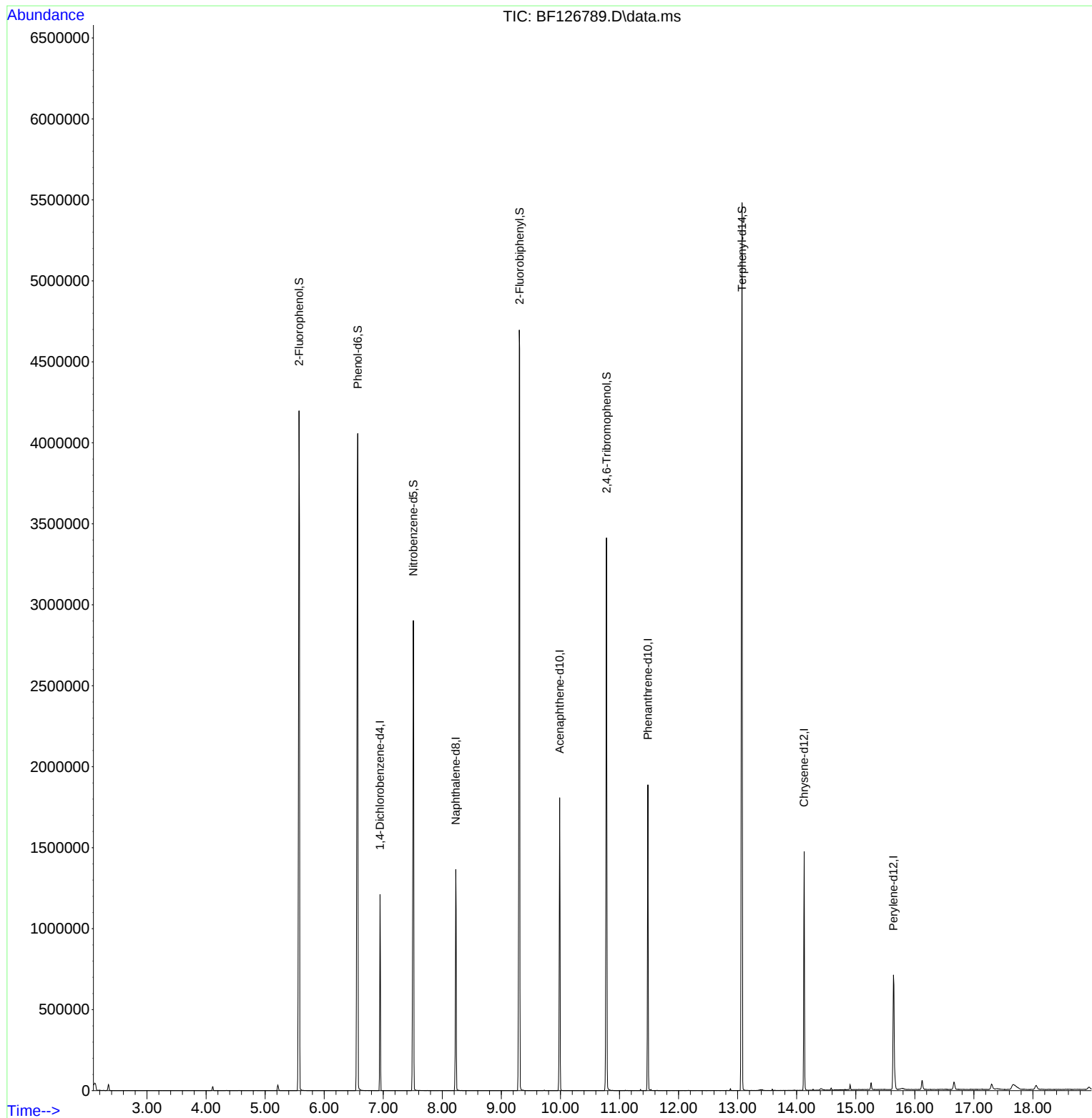
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

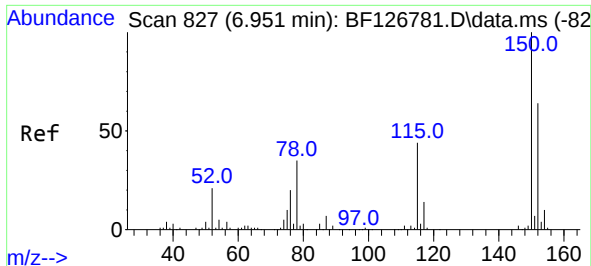
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020222.M  
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QLast Update : Wed Feb 02 15:08:47 2022  
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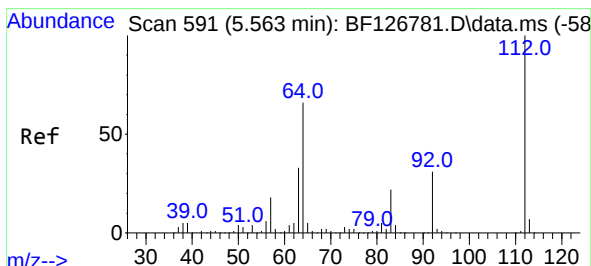
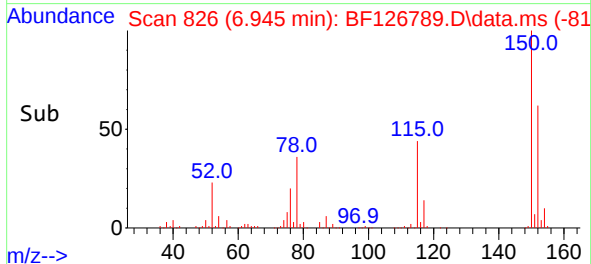
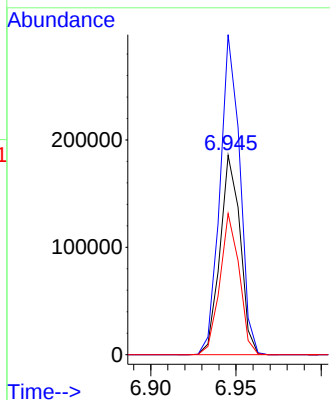
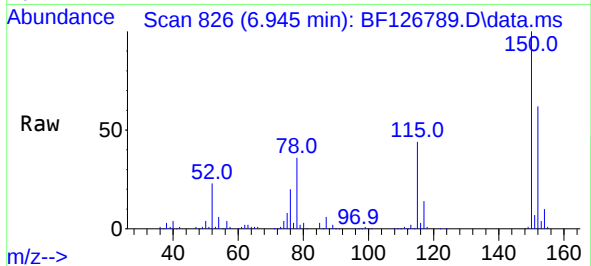




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.945 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

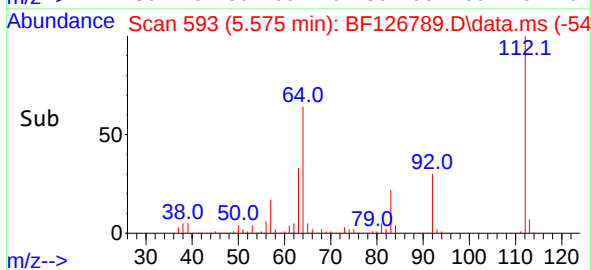
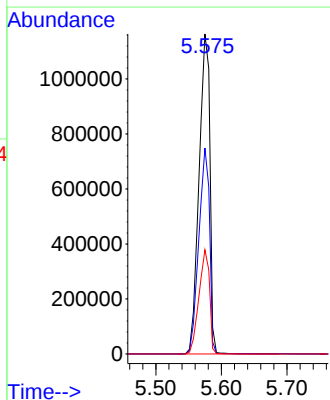
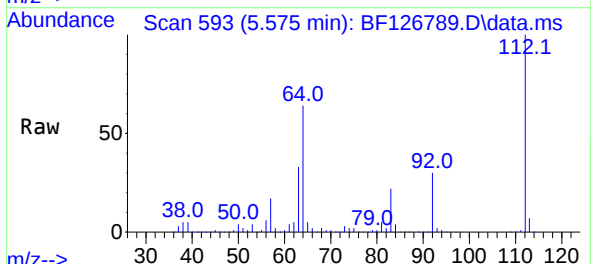
Instrument :  
BNA\_F  
ClientSampleId :  
PB142428BL

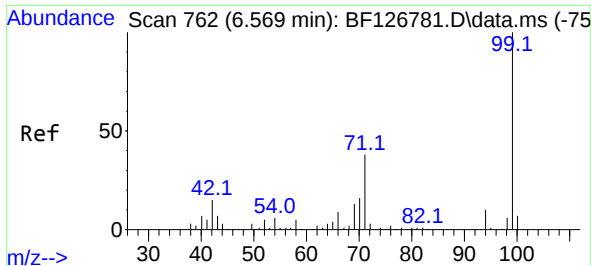
Tgt Ion:152 Resp: 153188  
Ion Ratio Lower Upper  
152 100  
150 160.5 128.1 192.1  
115 70.8 56.7 85.1



#5  
2-Fluorophenol  
Concen: 120.249 ng  
RT: 5.575 min Scan# 593  
Delta R.T. 0.012 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

Tgt Ion:112 Resp: 1344903  
Ion Ratio Lower Upper  
112 100  
64 64.3 49.5 74.3  
63 32.6 23.9 35.9

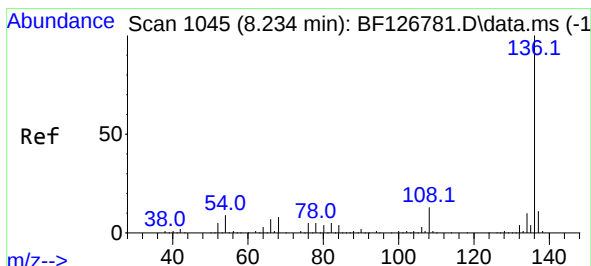
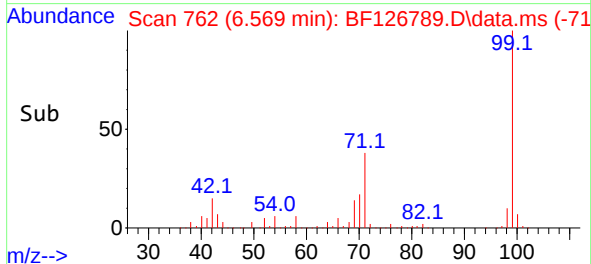
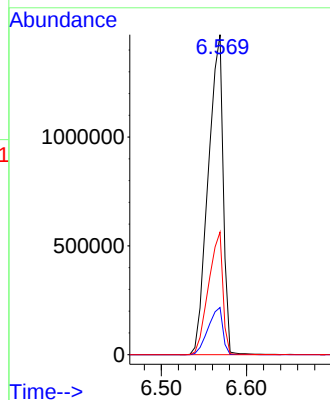
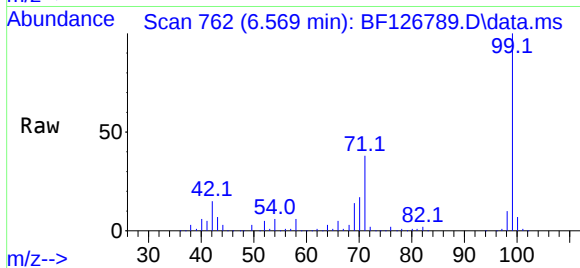




#7  
Phenol-d6  
Concen: 115.682 ng  
RT: 6.569 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

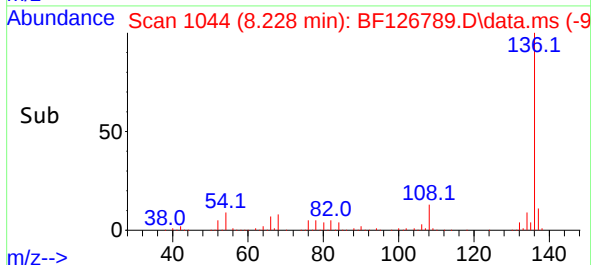
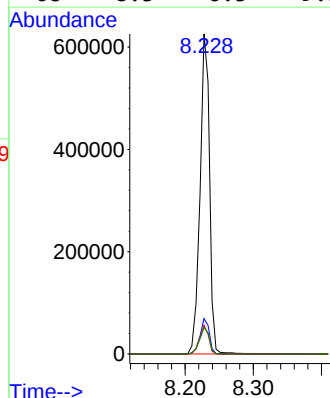
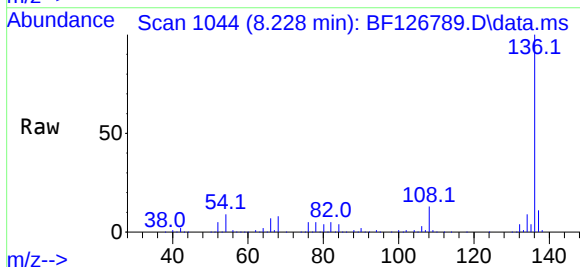
Instrument :  
BNA\_F  
ClientSampleId :  
PB142428BL

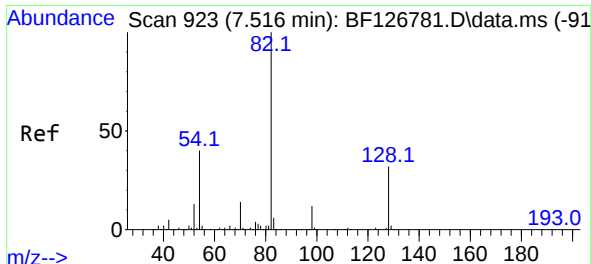
Tgt Ion: 99 Resp: 1789704  
Ion Ratio Lower Upper  
99 100  
42 14.7 14.2 21.4  
71 38.3 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

Tgt Ion:136 Resp: 605878  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 9.0 7.8 11.6  
68 8.3 6.3 9.5

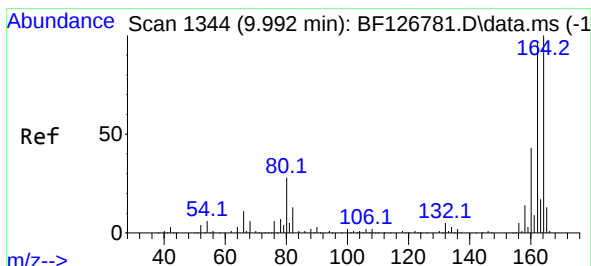
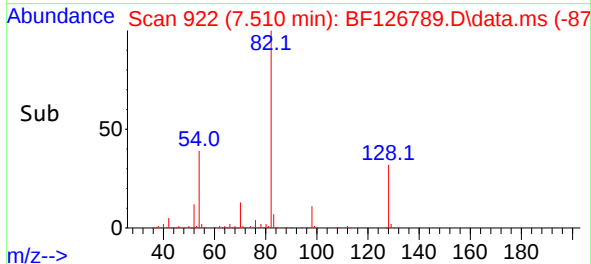
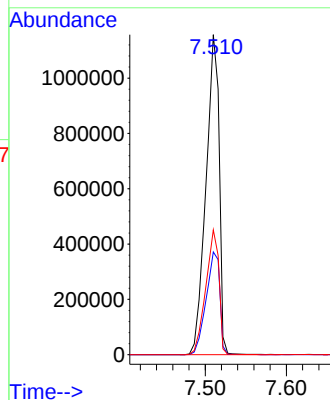
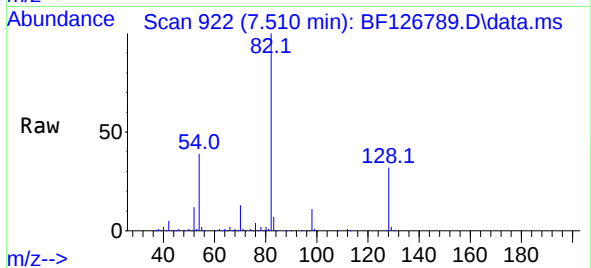




#23  
Nitrobenzene-d5  
Concen: 80.629 ng  
RT: 7.510 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

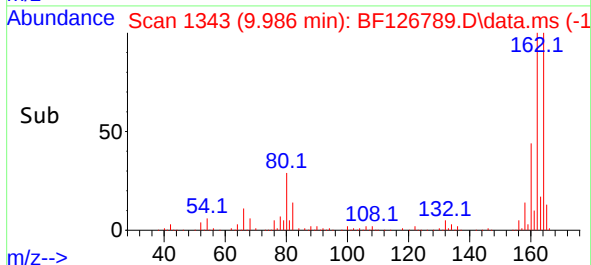
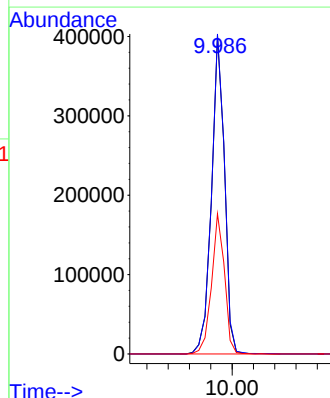
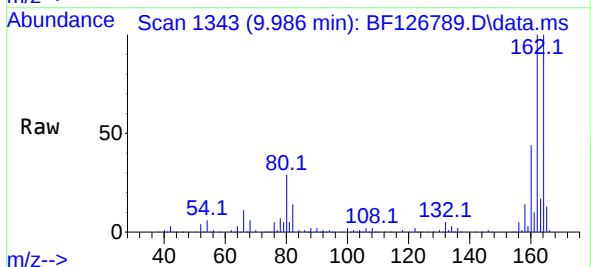
Instrument :  
BNA\_F  
ClientSampleId :  
PB142428BL

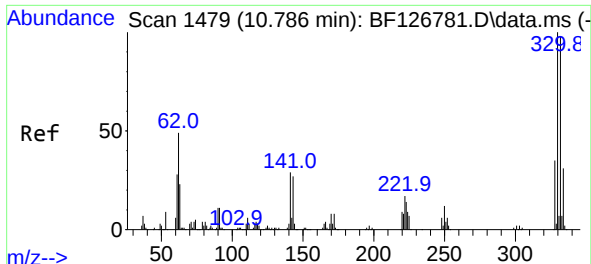
Tgt Ion: 82 Resp: 1305306  
Ion Ratio Lower Upper  
82 100  
128 32.1 32.7 49.1#  
54 39.0 41.7 62.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.986 min Scan# 1343  
Delta R.T. -0.006 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

Tgt Ion:164 Resp: 339354  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.4 122.0  
160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 122.083 ng

RT: 10.780 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

Instrument :

BNA\_F

ClientSampleId :

PB142428BL

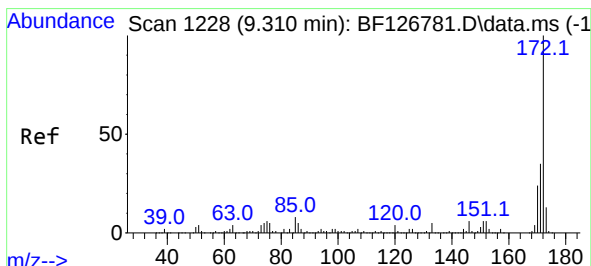
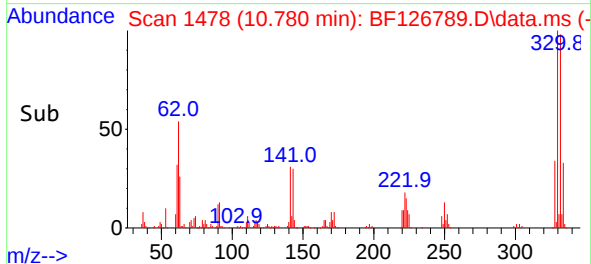
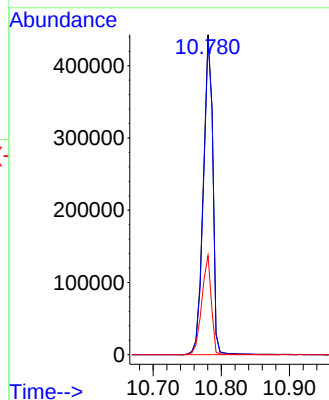
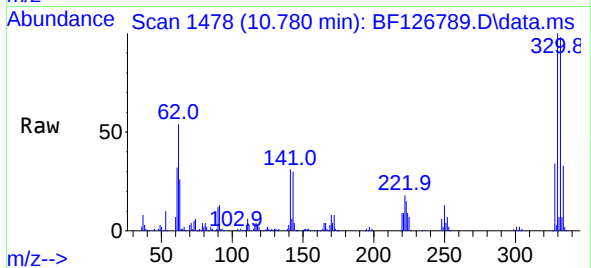
Tgt Ion:330 Resp: 429968

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

141 30.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 81.956 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF126789.D

Acq: 03 Feb 2022 10:00

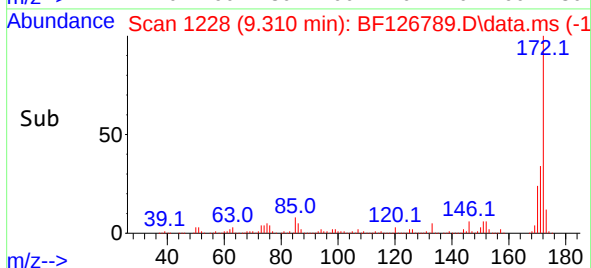
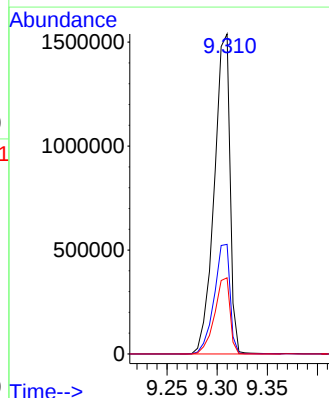
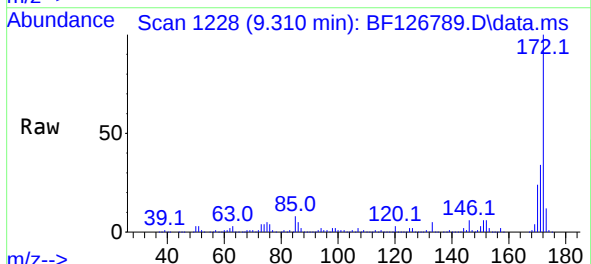
Tgt Ion:172 Resp: 1679654

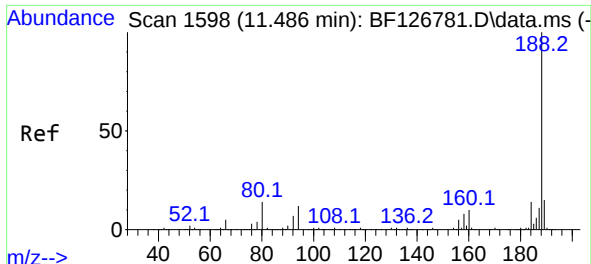
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.8 19.0 28.6

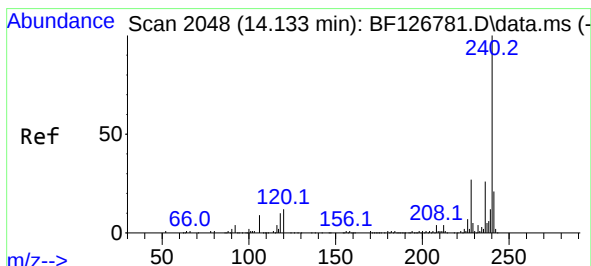
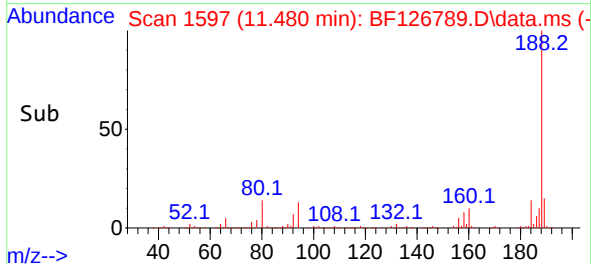
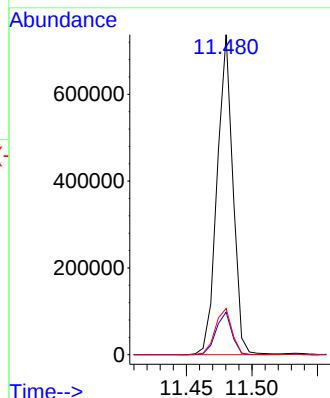
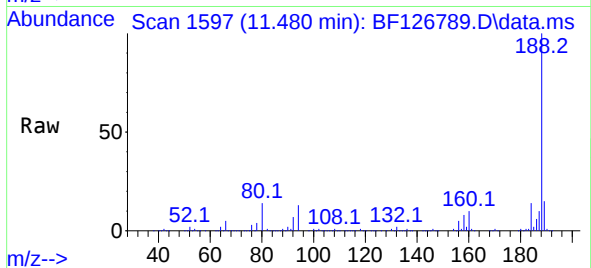




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

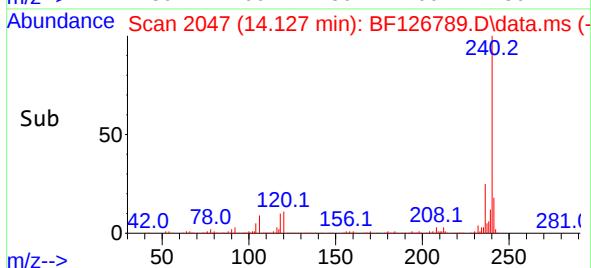
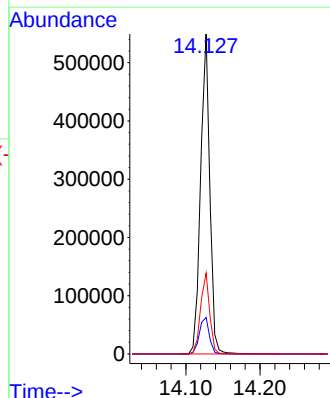
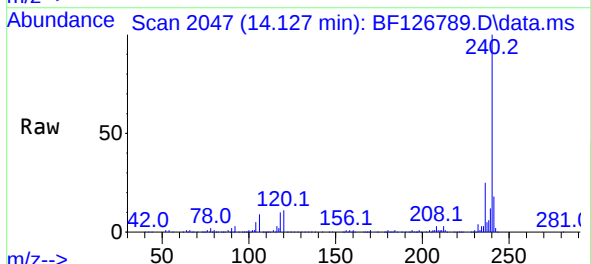
Instrument :  
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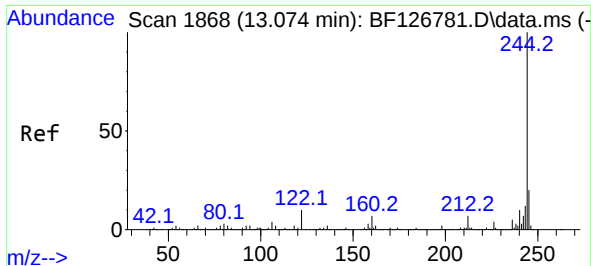
Tgt Ion:188 Resp: 615464  
Ion Ratio Lower Upper  
188 100  
94 13.3 10.1 15.1  
80 14.5 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2047  
Delta R.T. -0.006 min  
Lab File: BF126789.D  
Acq: 03 Feb 2022 10:00

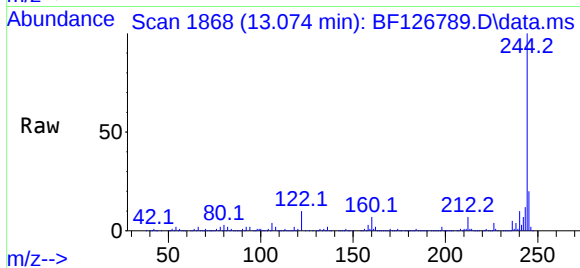
Tgt Ion:240 Resp: 471245  
Ion Ratio Lower Upper  
240 100  
120 11.4 14.4 21.6#  
236 25.3 20.5 30.7



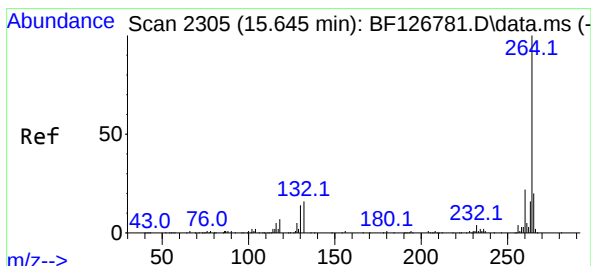
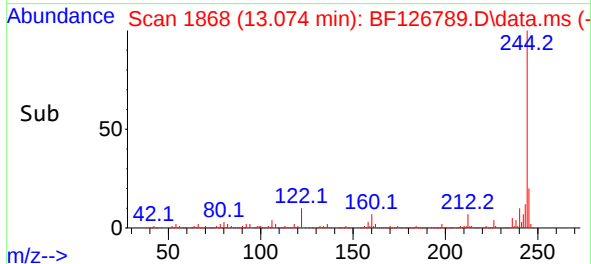
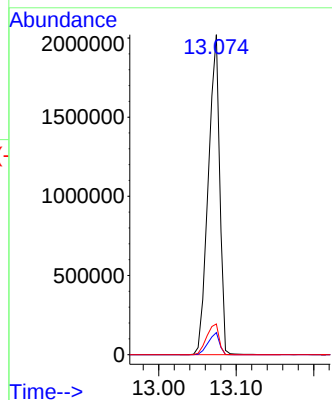


#79  
 Terphenyl-d14  
 Concen: 73.200 ng  
 RT: 13.074 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF126789.D  
 Acq: 03 Feb 2022 10:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142428BL



Tgt Ion:244 Resp: 2062080  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.0 7.4  
 122 9.6 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.639 min Scan# 2304  
 Delta R.T. -0.006 min  
 Lab File: BF126789.D  
 Acq: 03 Feb 2022 10:00

Tgt Ion:264 Resp: 326174  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.2 28.8  
 265 21.4 17.4 26.2

