

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020322\  
 Data File : BF126794.D  
 Acq On : 03 Feb 2022 13:05  
 Operator : CG/JU  
 Sample : PB142443BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142443BL

Quant Time: Feb 03 14:06:45 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   | 6.946  | 152  | 156051   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.228  | 136  | 619628   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.986  | 164  | 349115   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.480 | 188  | 630286   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.127 | 240  | 534320   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.645 | 264  | 421863   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.575  | 112  | 1368644  | 120.126 | ng    | 0.01     |
| 7) Phenol-d6                | 6.569  | 99   | 1836892  | 116.553 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.510  | 82   | 1308301  | 79.021  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.781 | 330  | 444012   | 122.545 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.304  | 172  | 1740331  | 82.543  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.075 | 244  | 2195181  | 68.726  | ng    | 0.00     |

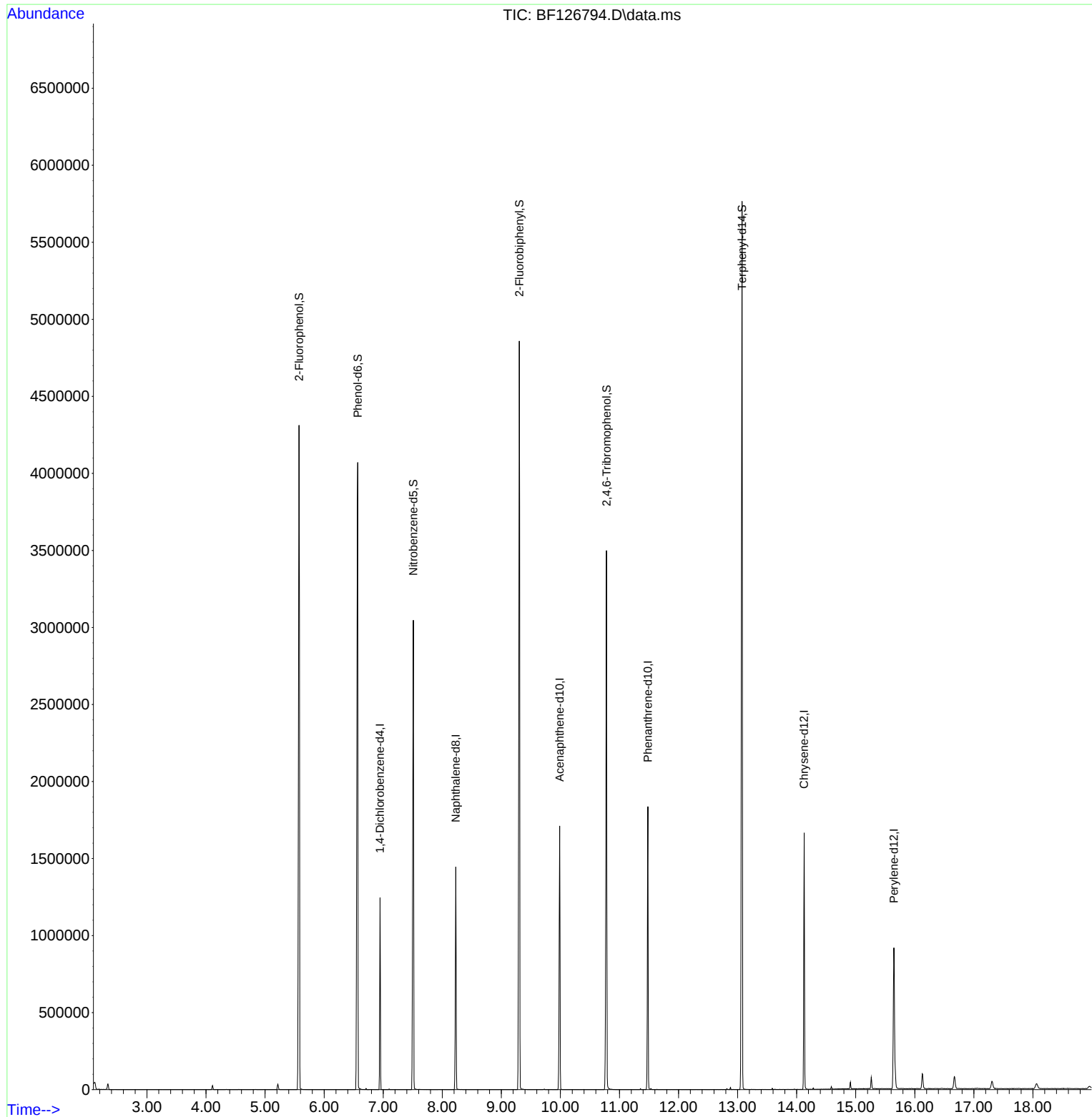
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

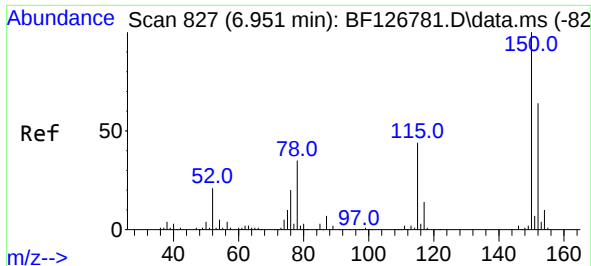
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 02 15:08:47 2022  
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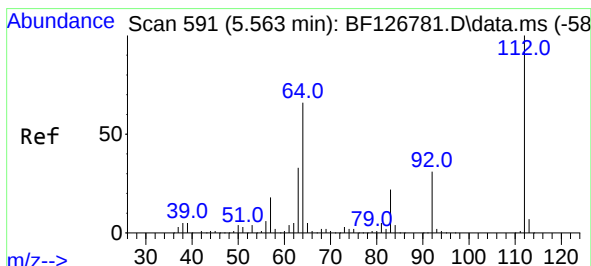
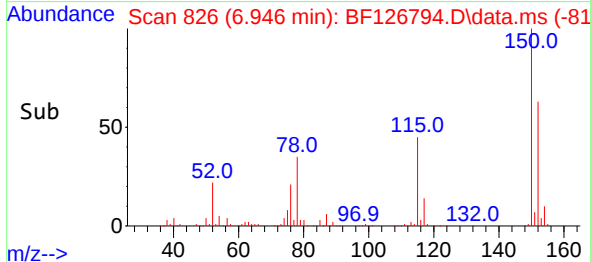
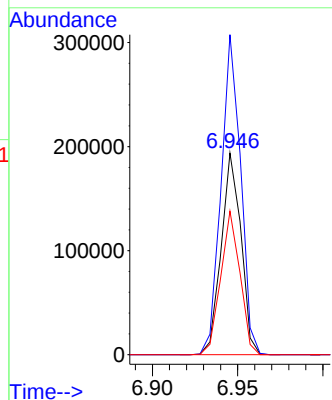
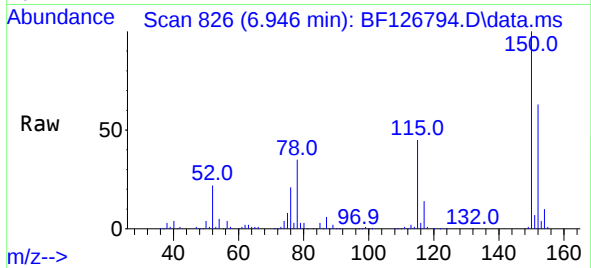




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.946 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BF126794.D  
Acq: 03 Feb 2022 13:05

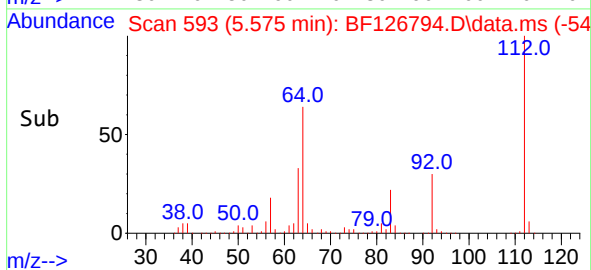
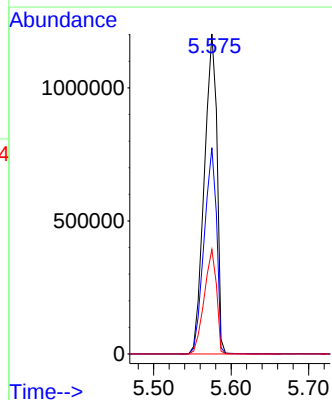
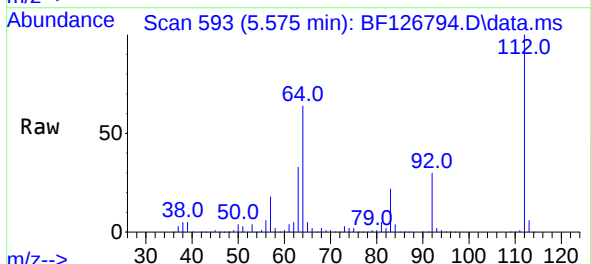
Instrument :  
BNA\_F  
ClientSampleId :  
PB142443BL

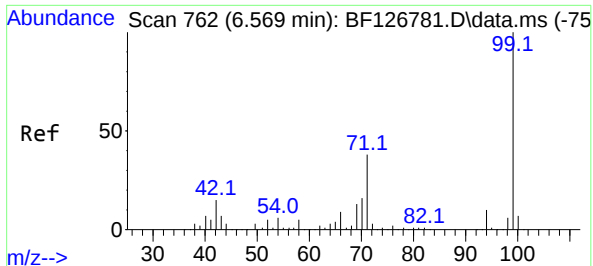
Tgt Ion:152 Resp: 156051  
Ion Ratio Lower Upper  
152 100  
150 158.7 128.1 192.1  
115 71.1 56.7 85.1



#5  
2-Fluorophenol  
Concen: 120.126 ng  
RT: 5.575 min Scan# 593  
Delta R.T. 0.012 min  
Lab File: BF126794.D  
Acq: 03 Feb 2022 13:05

Tgt Ion:112 Resp: 1368644  
Ion Ratio Lower Upper  
112 100  
64 64.5 49.5 74.3  
63 32.7 23.9 35.9

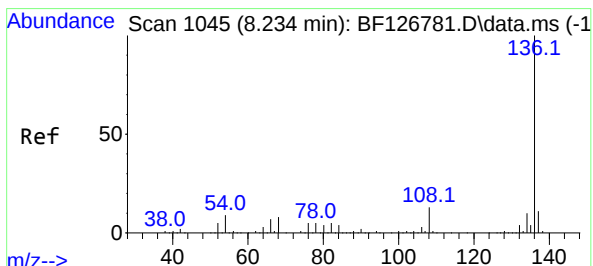
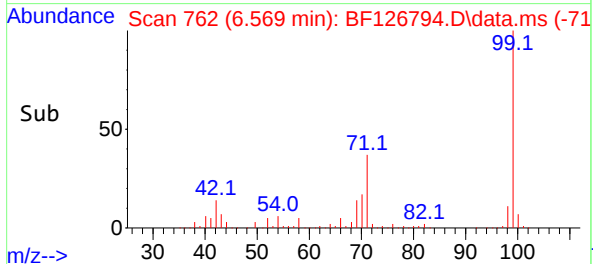
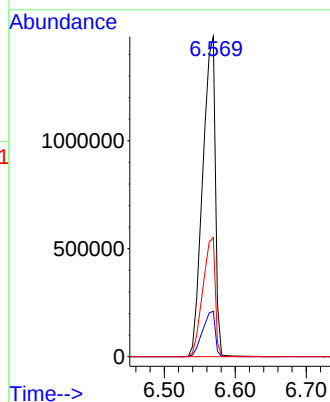
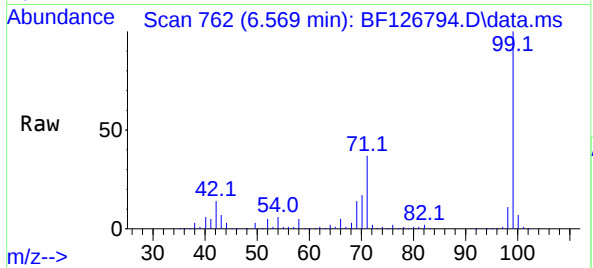




#7  
Phenol-d6  
Concen: 116.553 ng  
RT: 6.569 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF126794.D  
Acq: 03 Feb 2022 13:05

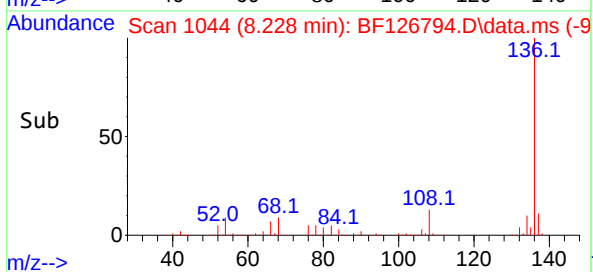
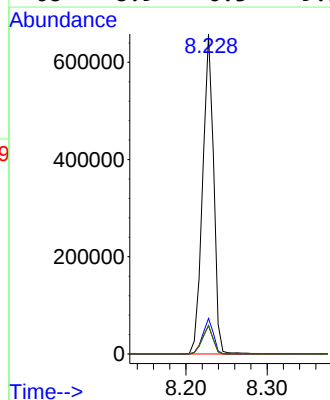
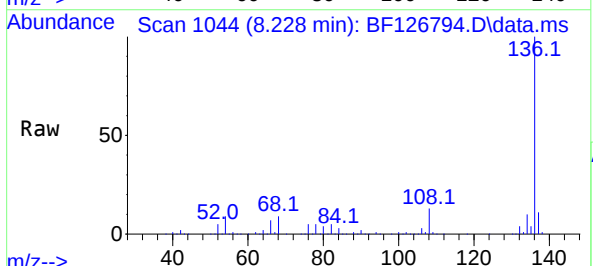
Instrument :  
BNA\_F  
ClientSampleId :  
PB142443BL

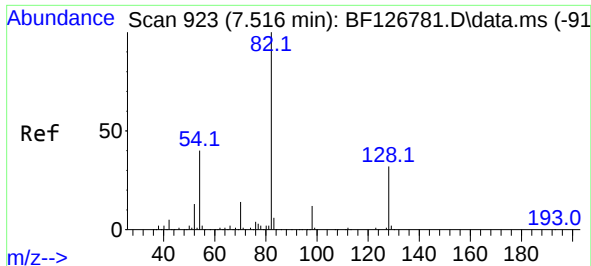
Tgt Ion: 99 Resp: 1836892  
Ion Ratio Lower Upper  
99 100  
42 14.2 14.2 21.4#  
71 37.3 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.228 min Scan# 1044  
Delta R.T. -0.006 min  
Lab File: BF126794.D  
Acq: 03 Feb 2022 13:05

Tgt Ion: 136 Resp: 619628  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.8 7.8 11.6  
68 8.9 6.3 9.5





#23

Nitrobenzene-d5

Concen: 79.021 ng

RT: 7.510 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

Instrument :

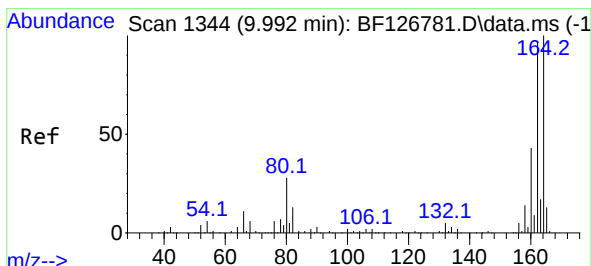
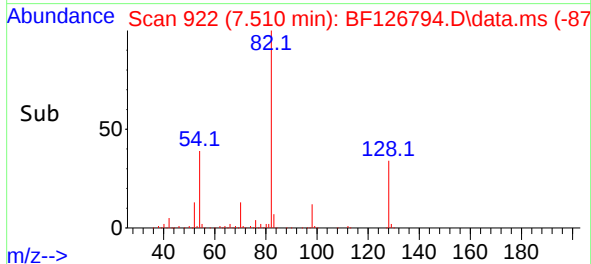
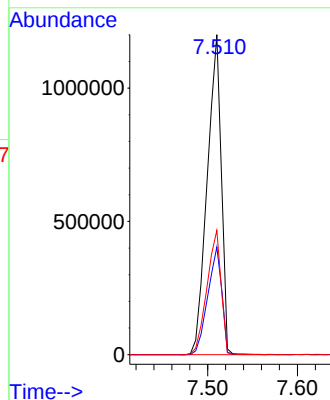
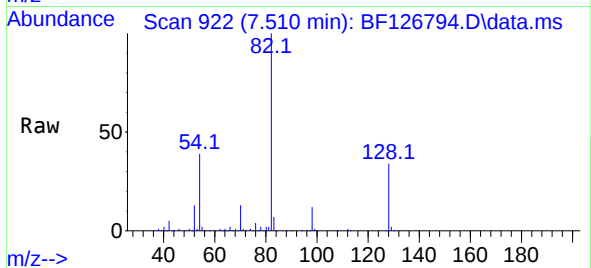
BNA\_F

ClientSampleId :

PB142443BL

Tgt Ion: 82 Resp: 1308301

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 33.7  | 32.7  | 49.1  |
| 54  | 38.9  | 41.7  | 62.5# |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1343

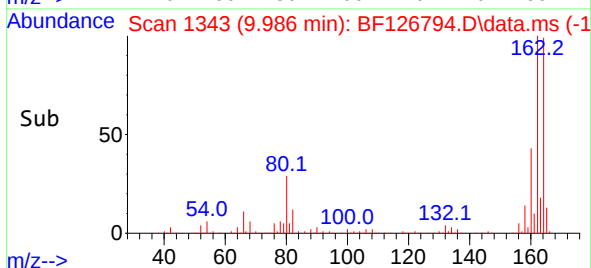
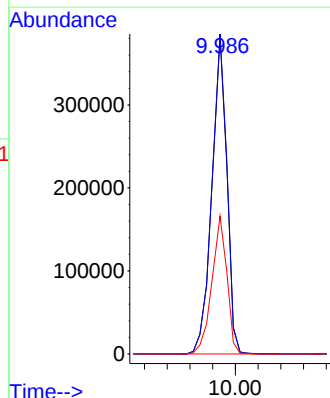
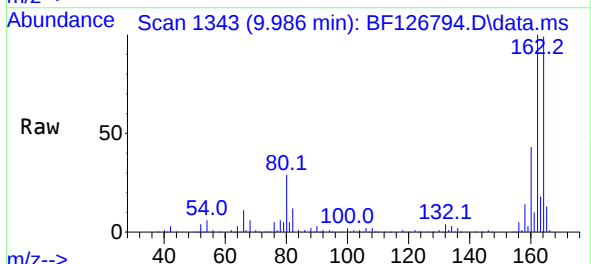
Delta R.T. -0.006 min

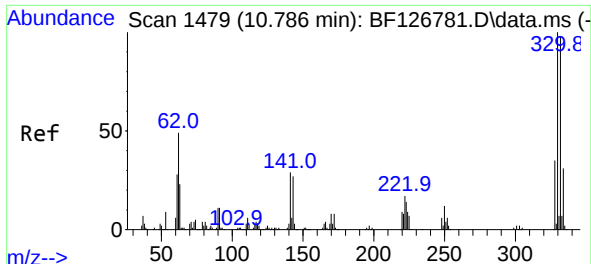
Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

Tgt Ion: 164 Resp: 349115

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.6 | 81.4  | 122.0 |
| 160 | 43.4  | 36.6  | 54.8  |





#42

2,4,6-Tribromophenol

Concen: 122.545 ng

RT: 10.781 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

Instrument :

BNA\_F

ClientSampleId :

PB142443BL

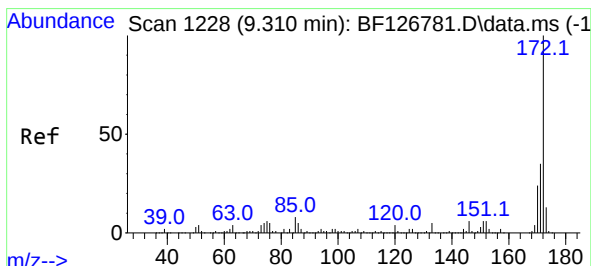
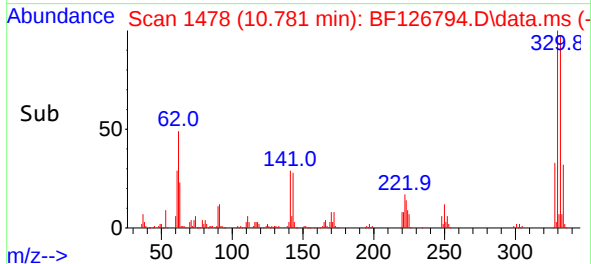
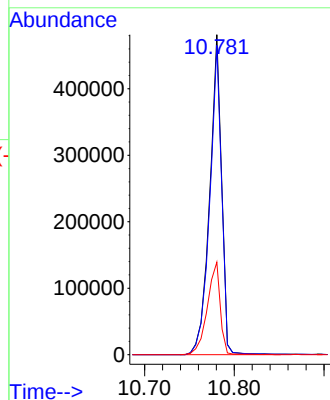
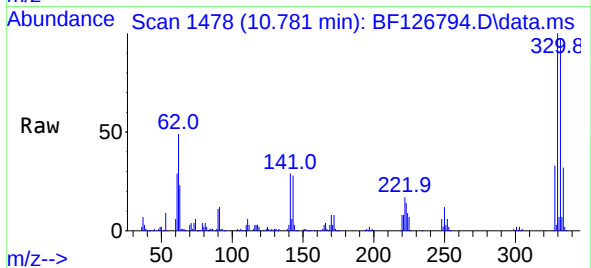
Tgt Ion:330 Resp: 444012

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 31.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.543 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126794.D

Acq: 03 Feb 2022 13:05

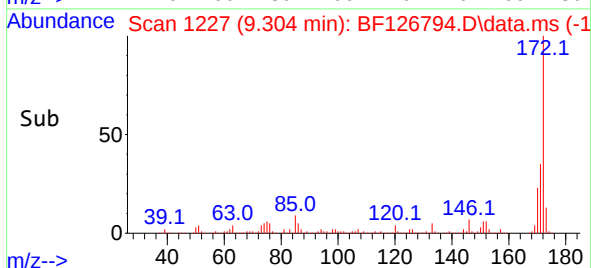
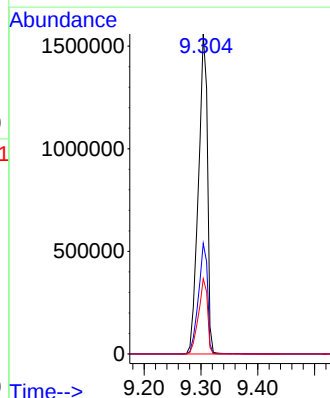
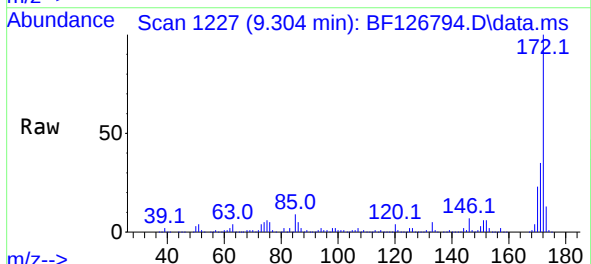
Tgt Ion:172 Resp: 1740331

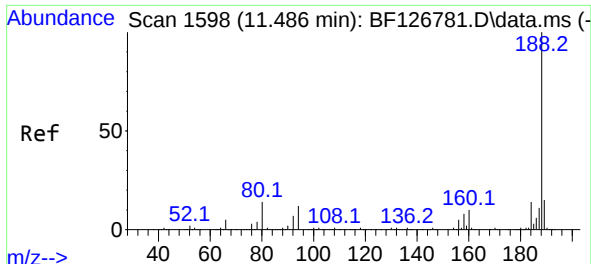
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.5 19.0 28.6

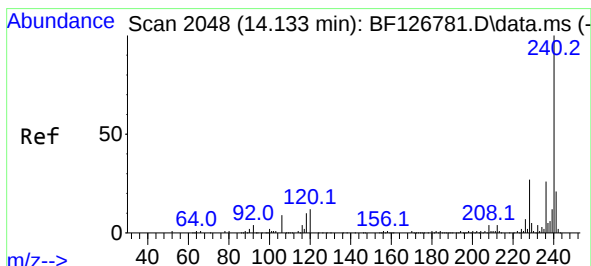
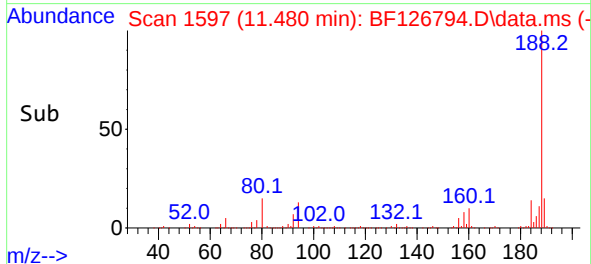
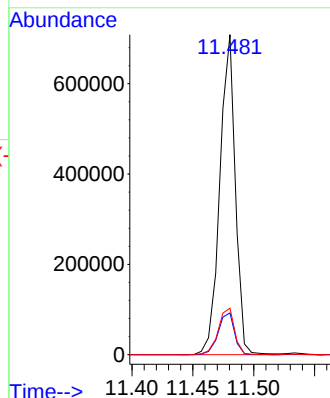
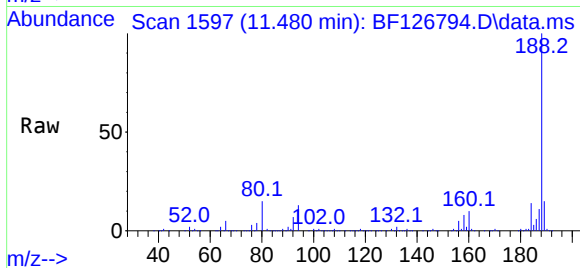




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF126794.D  
Acq: 03 Feb 2022 13:05

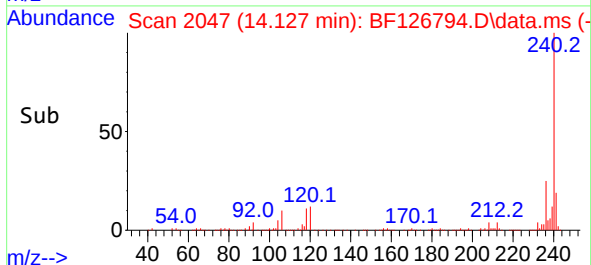
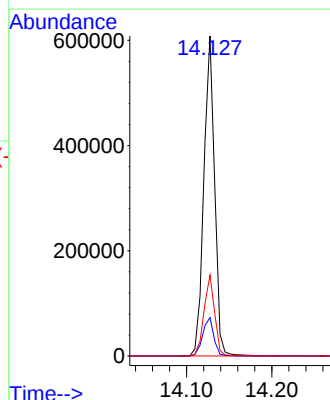
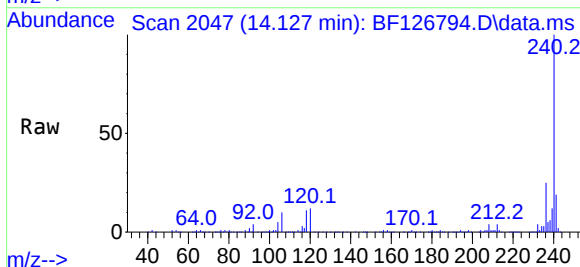
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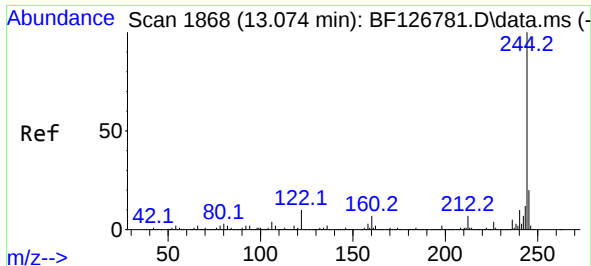
Tgt Ion:188 Resp: 630286  
Ion Ratio Lower Upper  
188 100  
94 13.0 10.1 15.1  
80 14.6 11.8 17.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2047  
Delta R.T. -0.006 min  
Lab File: BF126794.D  
Acq: 03 Feb 2022 13:05

Tgt Ion:240 Resp: 534320  
Ion Ratio Lower Upper  
240 100  
120 12.0 14.4 21.6#  
236 25.3 20.5 30.7

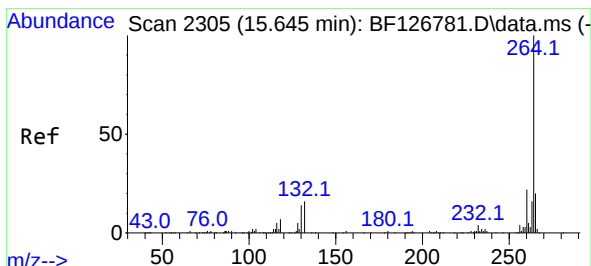
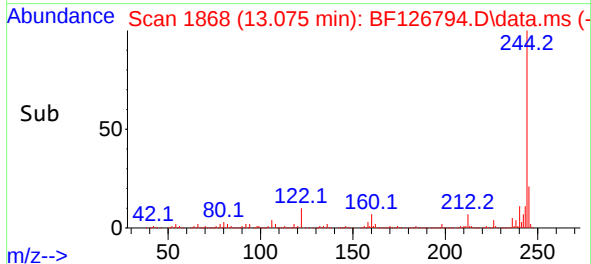
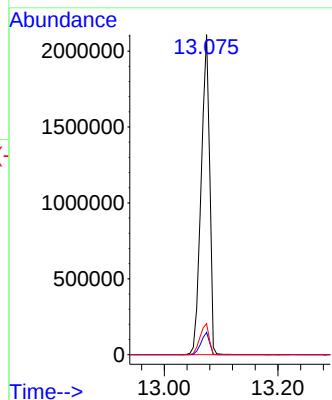
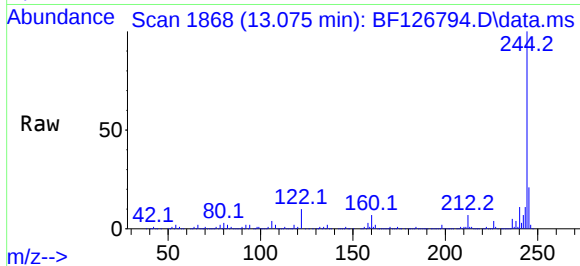




#79  
 Terphenyl-d14  
 Concen: 68.726 ng  
 RT: 13.075 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: BF126794.D  
 Acq: 03 Feb 2022 13:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142443BL

Tgt Ion:244 Resp: 2195181  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.0 7.4  
 122 9.7 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.645 min Scan# 2305  
 Delta R.T. 0.000 min  
 Lab File: BF126794.D  
 Acq: 03 Feb 2022 13:05

Tgt Ion:264 Resp: 421863  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.2 28.8  
 265 21.3 17.4 26.2

