

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080222\  
 Data File : BF129499.D  
 Acq On : 02 Aug 2022 10:23  
 Operator : CG\JU  
 Sample : PB146585BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146585BL

Quant Time: Aug 02 17:34:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 02 01:11:25 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 208550   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 860801   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.916  | 164  | 454046   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 794965   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 631233   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.545 | 264  | 519374   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 1541273  | 120.390 | ng    | 0.02     |
| 7) Phenol-d6                | 6.528  | 99   | 1961584  | 121.900 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1304166  | 82.705  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 528788   | 121.134 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 2281106  | 77.718  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 2583339  | 77.209  | ng    | 0.01     |

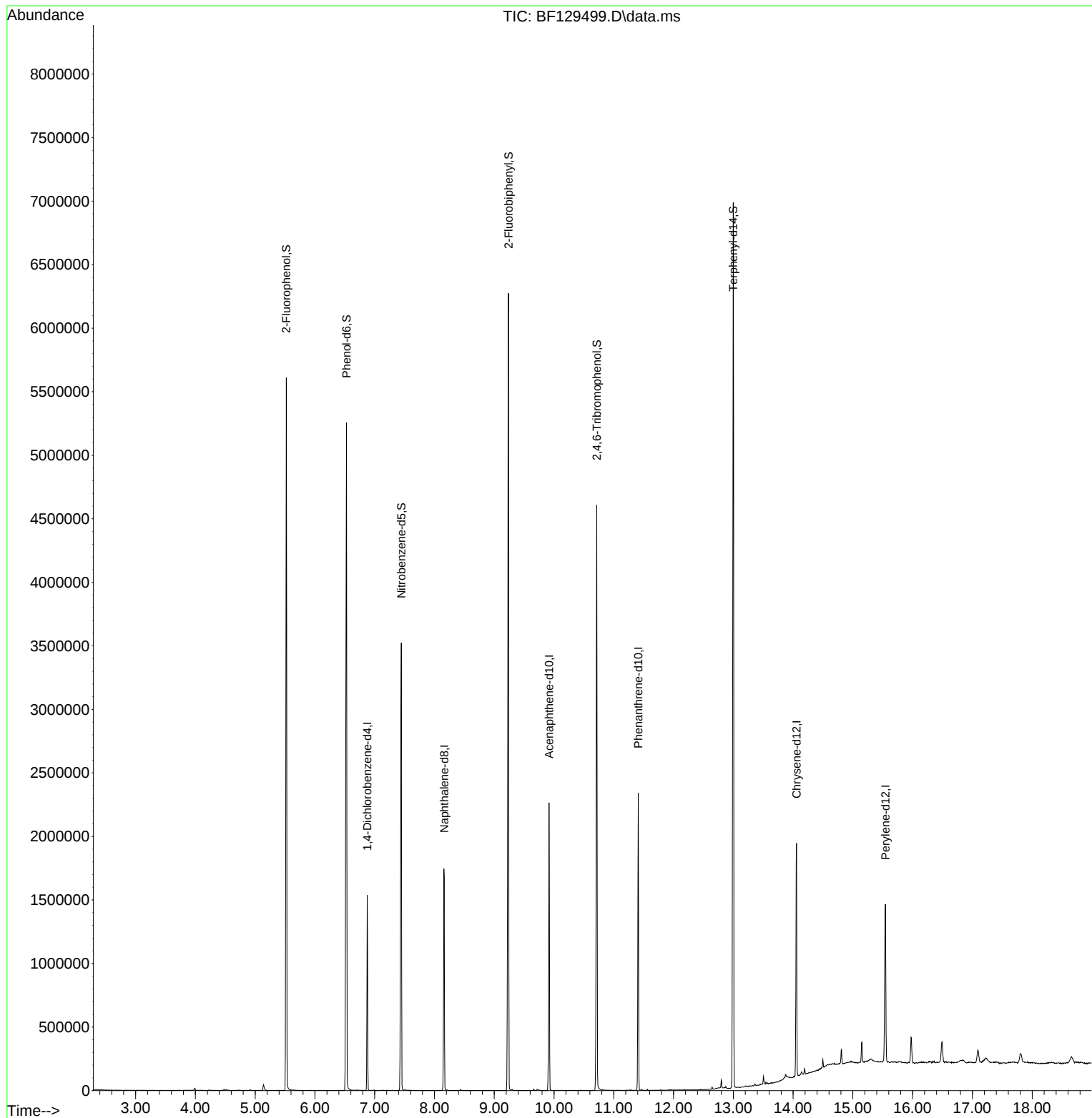
Target Compounds Qvalue

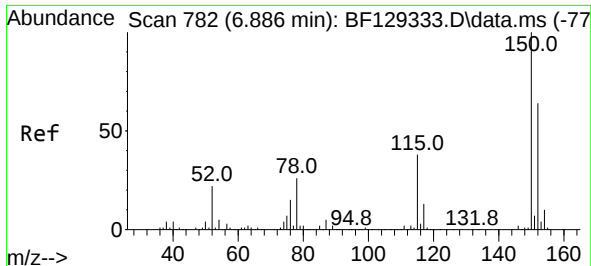
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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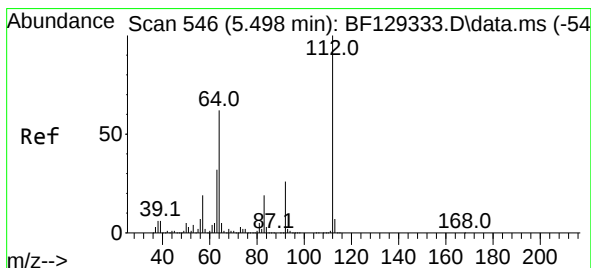
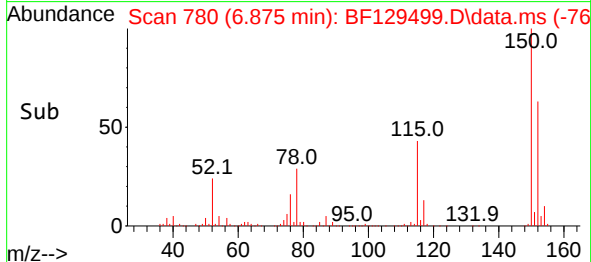
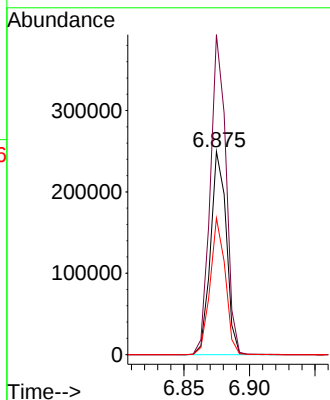
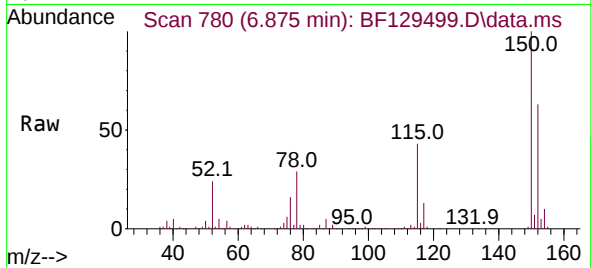




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 782  
Delta R.T. -0.000 min  
Lab File: BF129499.D  
Acq: 02 Aug 2022 10:23

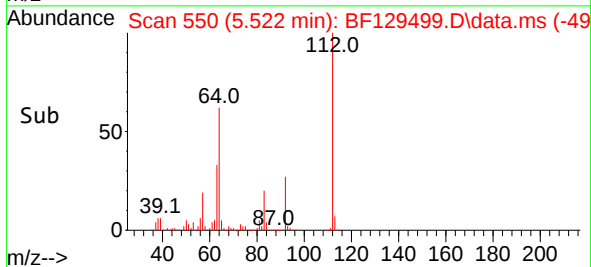
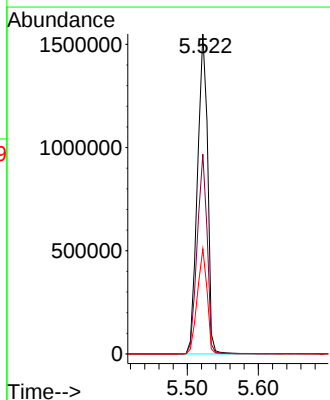
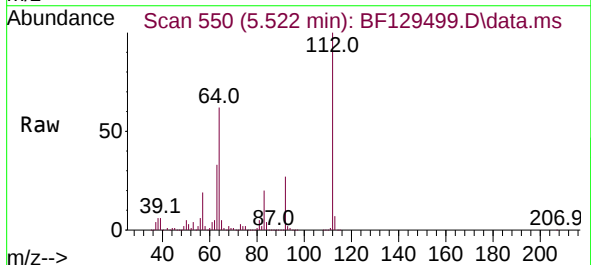
Instrument :  
BNA\_F  
ClientSampleId :  
PB146585BL

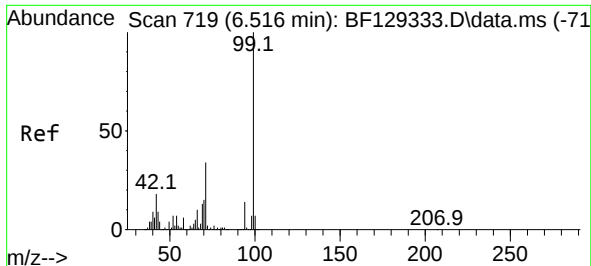
Tgt Ion:152 Resp: 208550  
Ion Ratio Lower Upper  
152 100  
150 157.6 123.7 185.5  
115 67.3 49.9 74.9



#5  
2-Fluorophenol  
Concen: 120.390 ng  
RT: 5.522 min Scan# 550  
Delta R.T. 0.018 min  
Lab File: BF129499.D  
Acq: 02 Aug 2022 10:23

Tgt Ion:112 Resp: 1541273  
Ion Ratio Lower Upper  
112 100  
64 62.4 53.3 79.9  
63 32.8 28.0 42.0





#7

Phenol-d6

Concen: 121.900 ng

RT: 6.528 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Instrument :

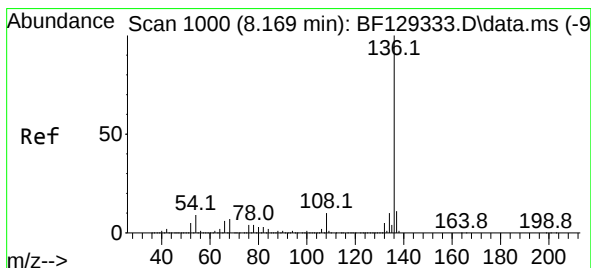
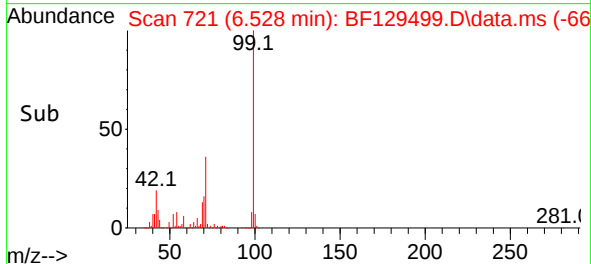
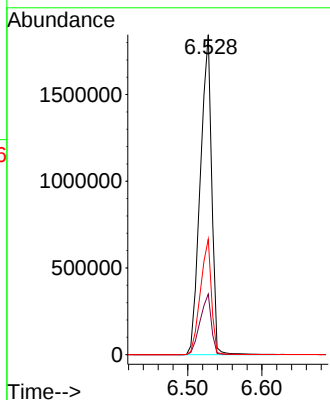
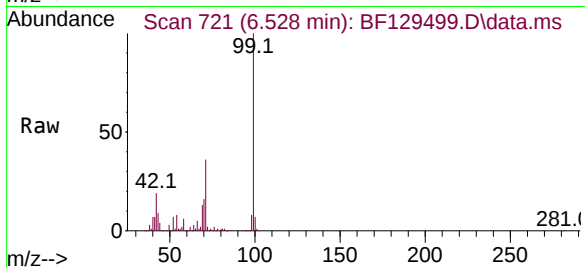
BNA\_F

ClientSampleId :

PB146585BL

Tgt Ion: 99 Resp: 1961584

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.9  | 17.3  | 25.9  |
| 71  | 36.1  | 28.9  | 43.3  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 999

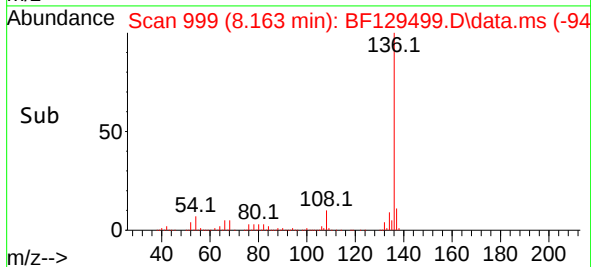
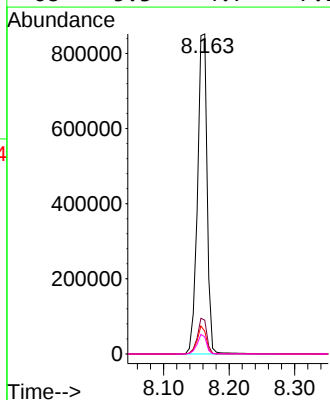
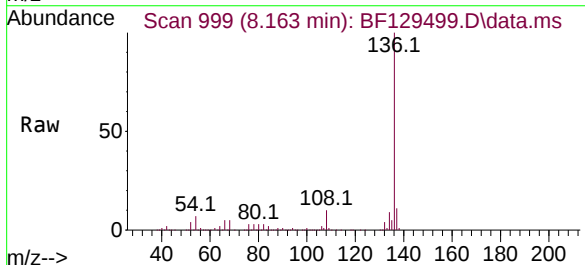
Delta R.T. -0.000 min

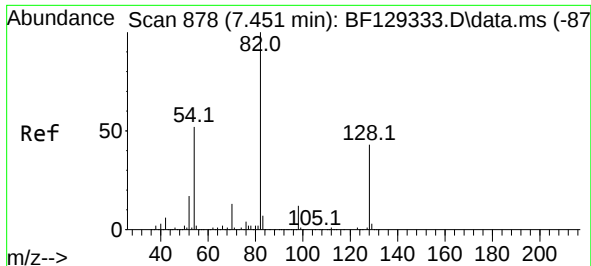
Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Tgt Ion: 136 Resp: 860801

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.5  | 8.8   | 13.2  |
| 54  | 7.1   | 7.5   | 11.3  |
| 68  | 5.3   | 4.7   | 7.1   |

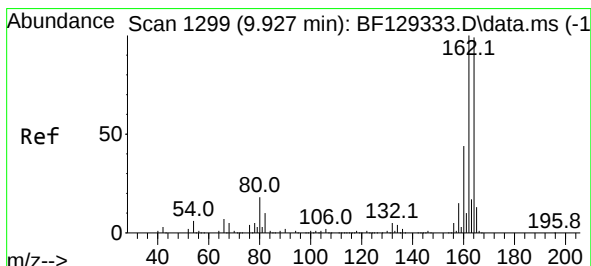
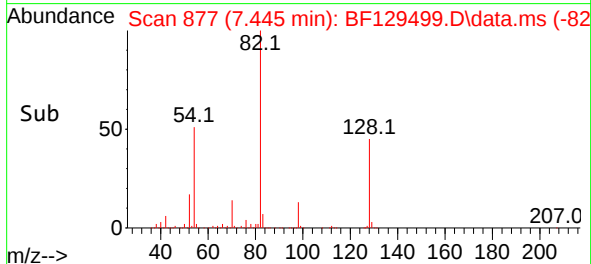
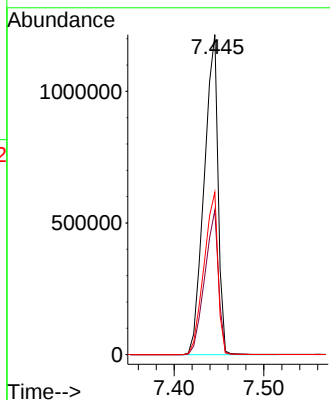
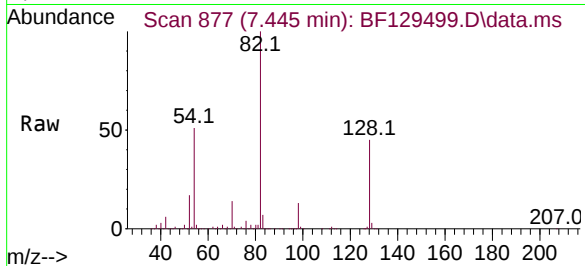




#23  
Nitrobenzene-d5  
Concen: 82.705 ng  
RT: 7.445 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF129499.D  
Acq: 02 Aug 2022 10:23

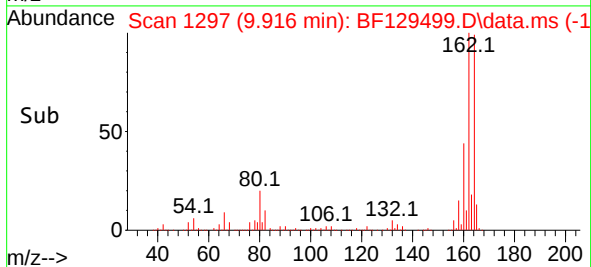
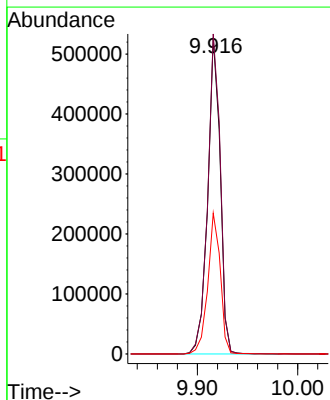
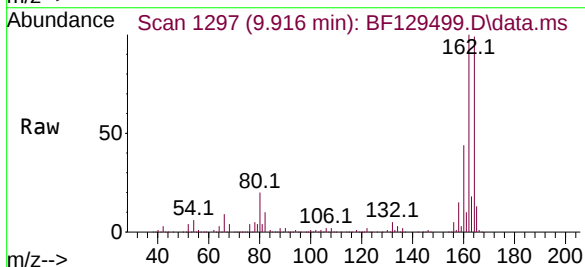
Instrument :  
BNA\_F  
ClientSampleId :  
PB146585BL

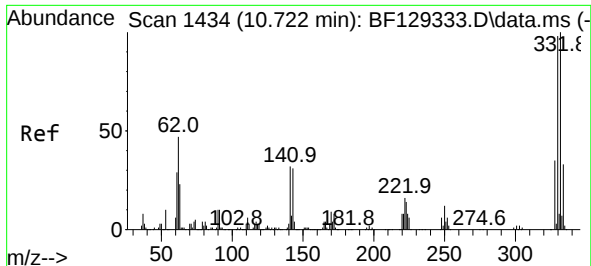
Tgt Ion: 82 Resp: 1304166  
Ion Ratio Lower Upper  
82 100  
128 45.1 34.0 51.0  
54 50.7 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: BF129499.D  
Acq: 02 Aug 2022 10:23

Tgt Ion: 164 Resp: 454046  
Ion Ratio Lower Upper  
164 100  
162 101.2 79.5 119.3  
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 121.134 ng

RT: 10.716 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Instrument :

BNA\_F

ClientSampleId :

PB146585BL

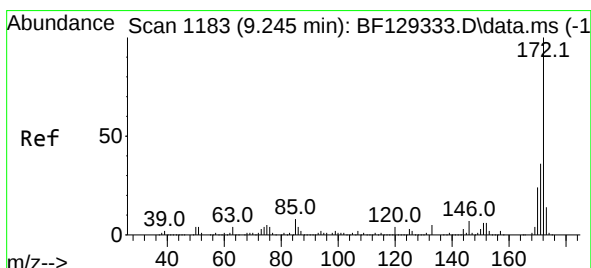
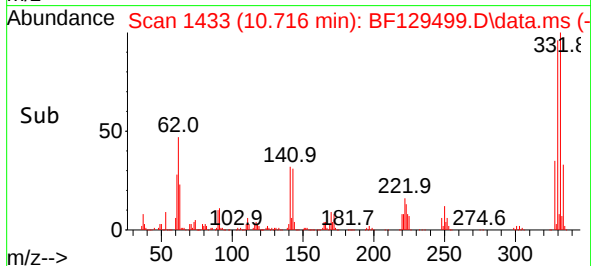
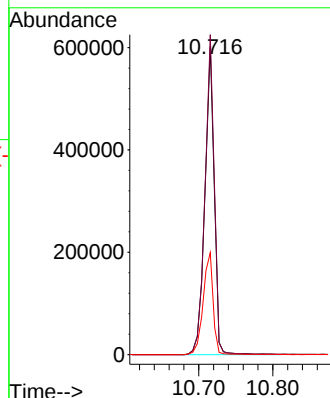
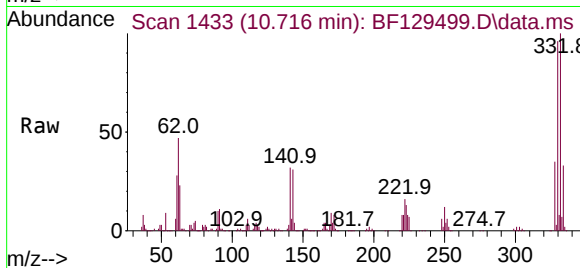
Tgt Ion:330 Resp: 528788

Ion Ratio Lower Upper

330 100

332 103.2 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.718 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

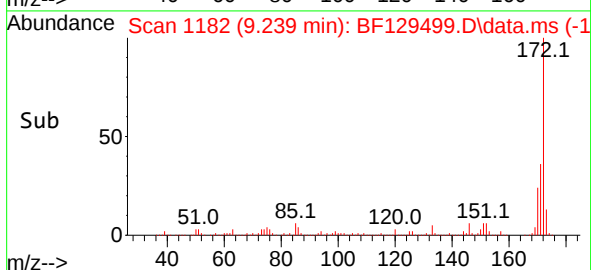
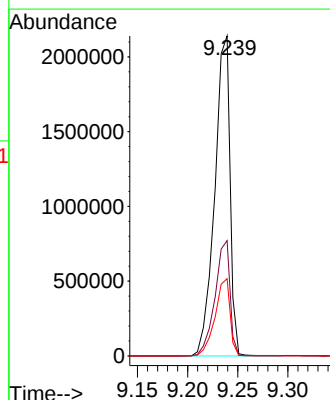
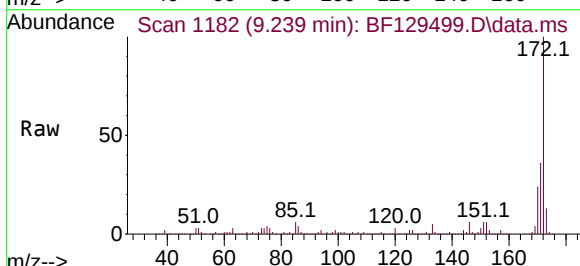
Tgt Ion:172 Resp: 2281106

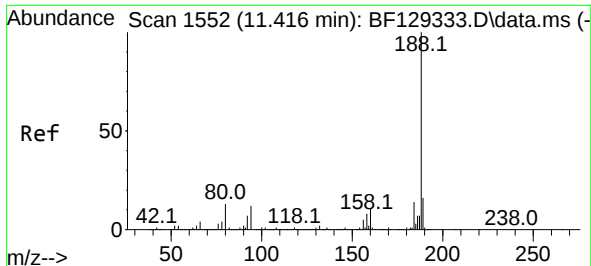
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.1 19.8 29.8

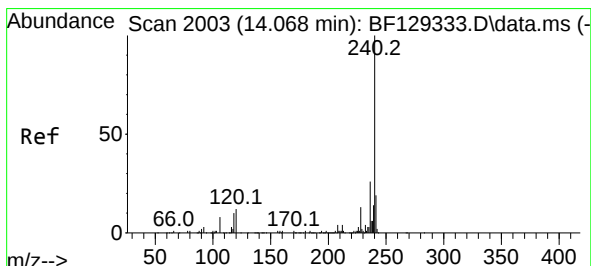
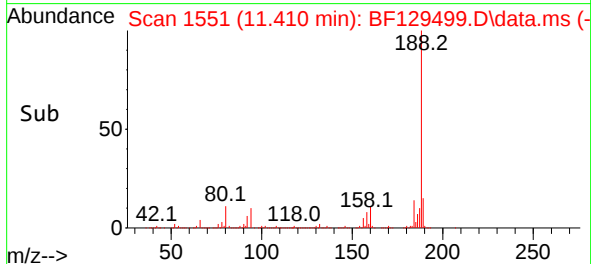
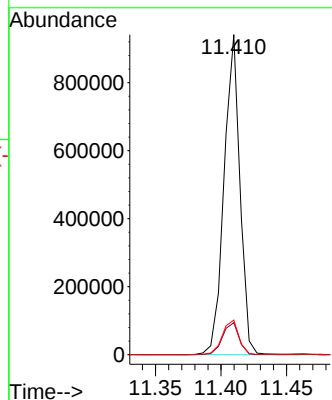
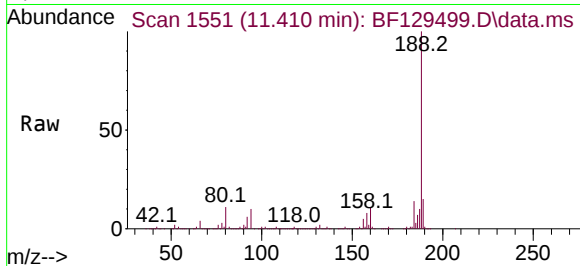




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF129499.D  
Acq: 02 Aug 2022 10:23

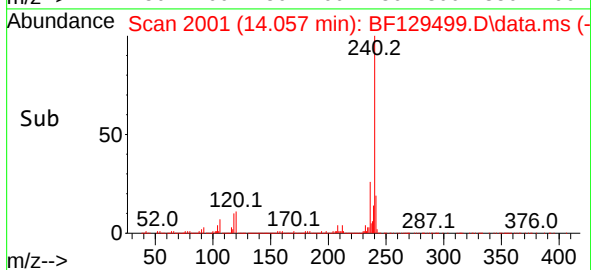
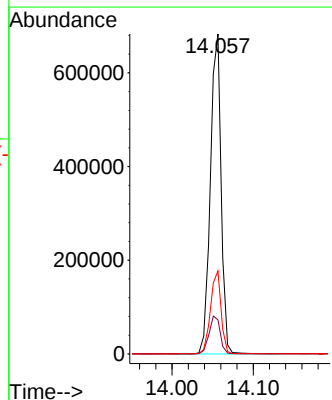
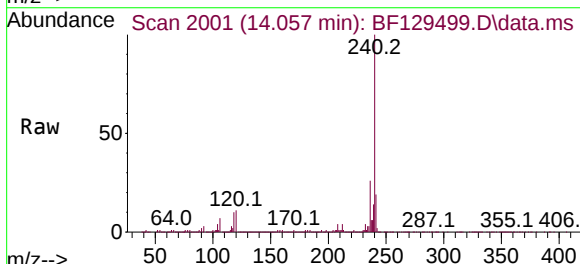
Instrument :  
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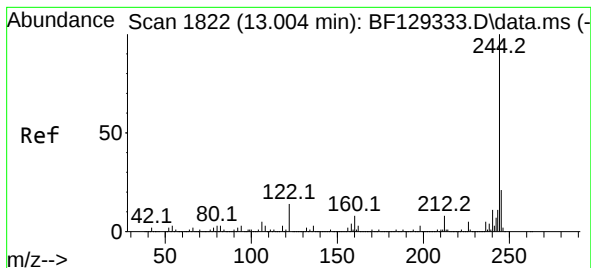
Tgt Ion:188 Resp: 794965  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.0 10.6  
80 10.8 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. 0.006 min  
Lab File: BF129499.D  
Acq: 02 Aug 2022 10:23

Tgt Ion:240 Resp: 631233  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.9 13.3  
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 77.209 ng

RT: 12.998 min Scan# 1822

Delta R.T. 0.012 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Instrument :

BNA\_F

ClientSampleId :

PB146585BL

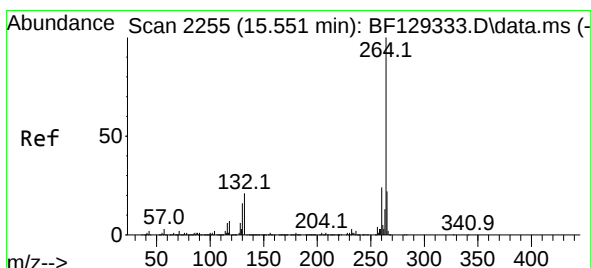
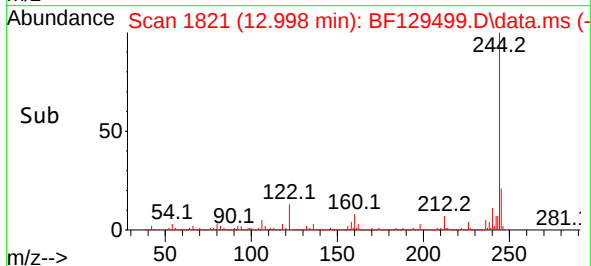
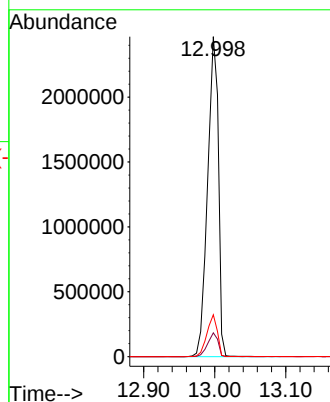
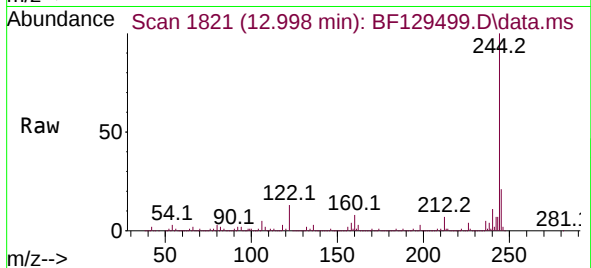
Tgt Ion:244 Resp: 2583339

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 13.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2254

Delta R.T. 0.018 min

Lab File: BF129499.D

Acq: 02 Aug 2022 10:23

Tgt Ion:264 Resp: 519374

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.8 17.2 25.8

