

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070622\  
 Data File : BF129147.D  
 Acq On : 06 Jul 2022 17:24  
 Operator : CG\JU  
 Sample : N3580-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11982

Quant Time: Jul 06 17:44:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:05:31 2022  
 Response via : Initial Calibration

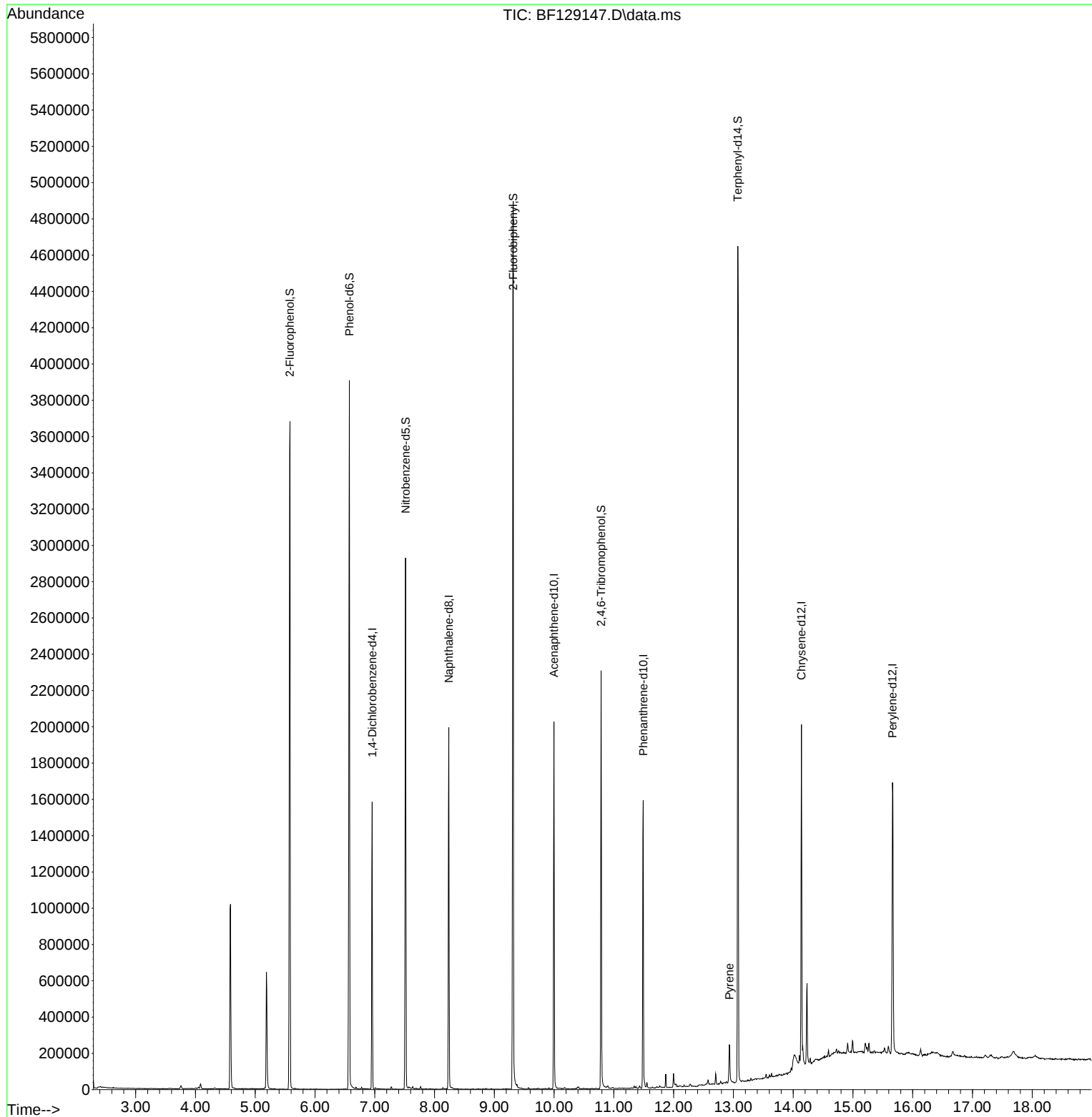
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.957  | 152  | 224749   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.239  | 136  | 835256   | 20.000 | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 9.998  | 164  | 387897   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.492 | 188  | 587420   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.139 | 240  | 602652   | 20.000 | ng    | -0.01     |
| 86) Perylene-d12            | 15.662 | 264  | 714753   | 20.000 | ng    | -0.01     |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.581  | 112  | 1069519  | 80.453 | ng    | 0.00      |
| 7) Phenol-d6                | 6.575  | 99   | 1342947  | 81.339 | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.516  | 82   | 885093   | 63.205 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.786 | 330  | 272850   | 64.690 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 1645147  | 67.850 | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.074 | 244  | 1652401  | 56.939 | ng    | -0.01     |
| Target Compounds            |        |      |          |        |       |           |
| 78) Pyrene                  | 12.933 | 202  | 112822   | 2.701  | ng    | Qvalue 98 |
| -----                       |        |      |          |        |       |           |

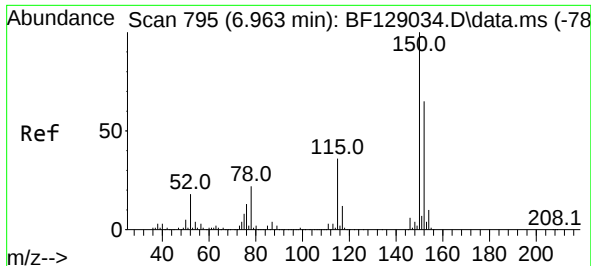
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070622\  
Data File : BF129147.D  
Acq On : 06 Jul 2022 17:24  
Operator : CG\JU  
Sample : N3580-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
72-11982

Quant Time: Jul 06 17:44:17 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 29 17:05:31 2022  
Response via : Initial Calibration

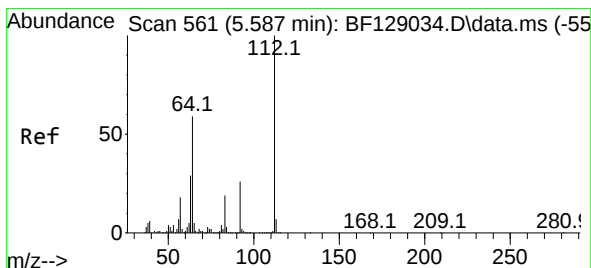
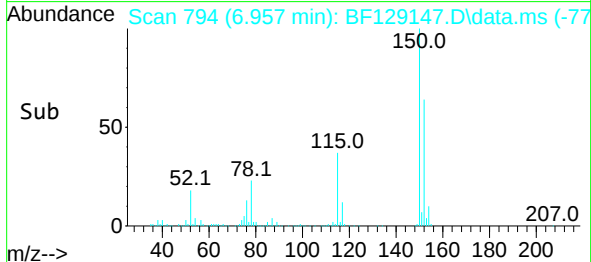
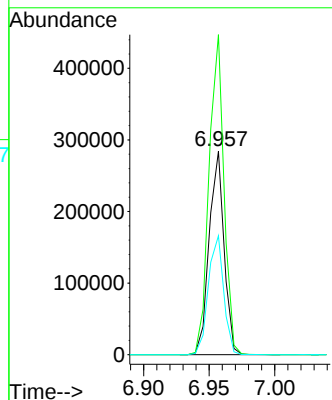
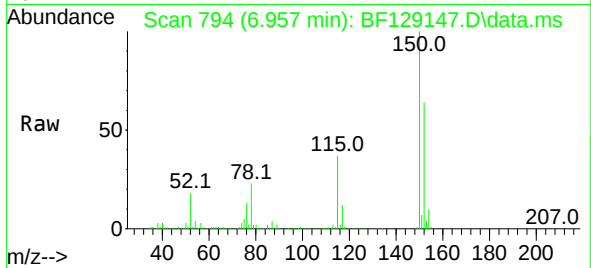




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.957 min Scan# 795  
 Delta R.T. -0.006 min  
 Lab File: BF129147.D  
 Acq: 06 Jul 2022 17:24

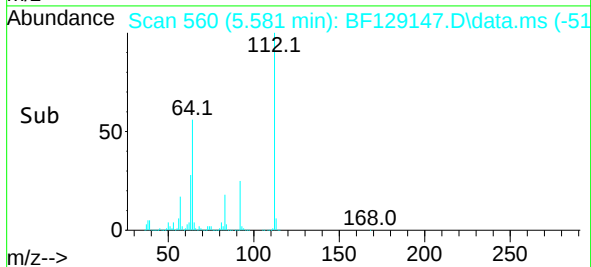
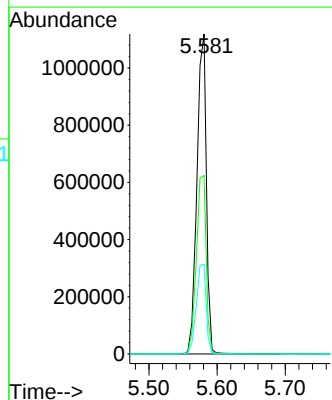
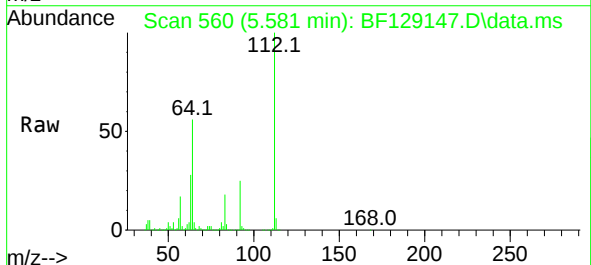
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11982

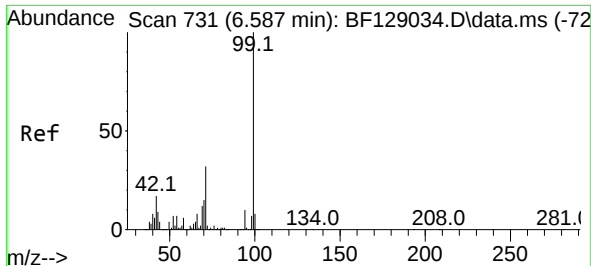
Tgt Ion:152 Resp: 224749  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 123.7 185.5  
 115 58.5 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 80.453 ng  
 RT: 5.581 min Scan# 560  
 Delta R.T. -0.006 min  
 Lab File: BF129147.D  
 Acq: 06 Jul 2022 17:24

Tgt Ion:112 Resp: 1069519  
 Ion Ratio Lower Upper  
 112 100  
 64 55.7 53.3 79.9  
 63 28.0 28.0 42.0





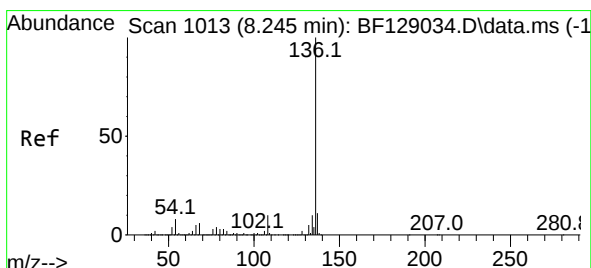
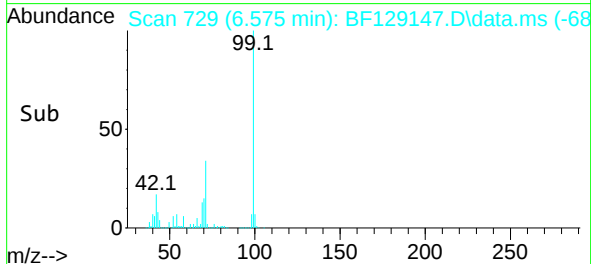
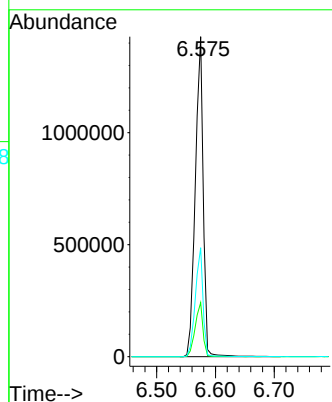
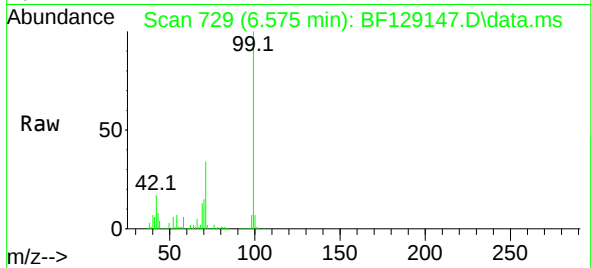
#7  
Phenol-d6  
Concen: 81.339 ng  
RT: 6.575 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF129147.D  
Acq: 06 Jul 2022 17:24

Instrument :

BNA\_F

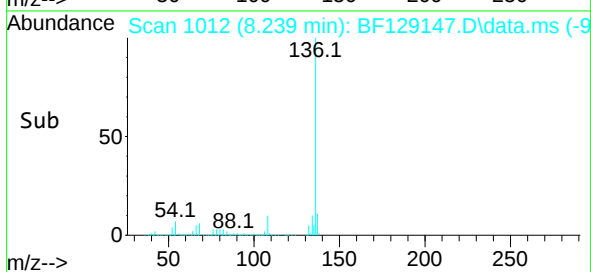
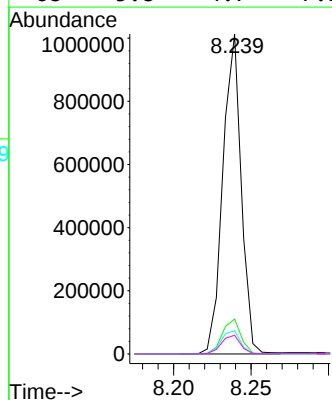
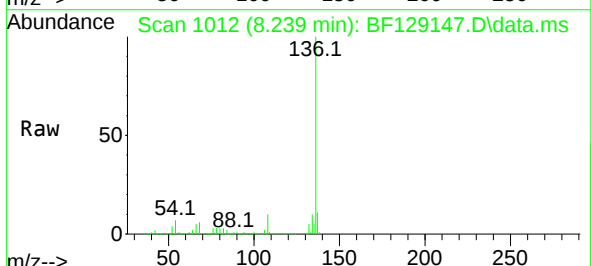
ClientSampleId :  
72-11982

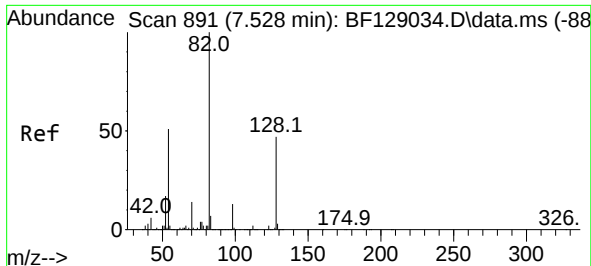
Tgt Ion: 99 Resp: 1342947  
Ion Ratio Lower Upper  
99 100  
42 16.9 17.3 25.9#  
71 34.1 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF129147.D  
Acq: 06 Jul 2022 17:24

Tgt Ion: 136 Resp: 835256  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.3 7.5 11.3#  
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 63.205 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129147.D

Acq: 06 Jul 2022 17:24

Instrument :

BNA\_F

ClientSampleId :

72-11982

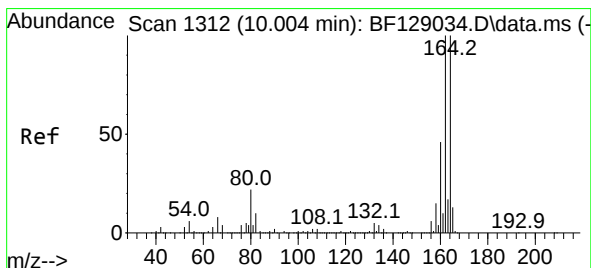
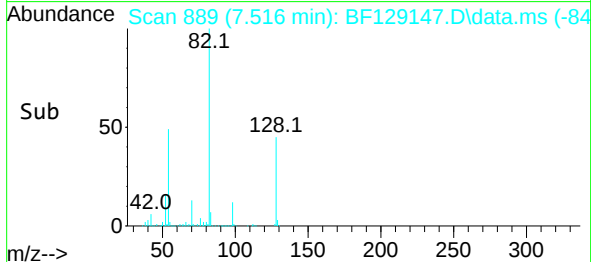
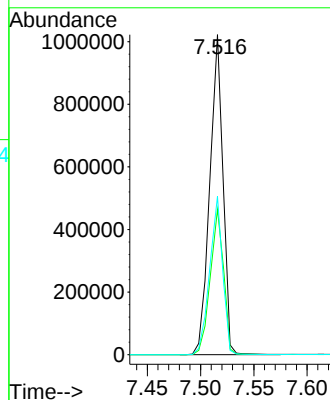
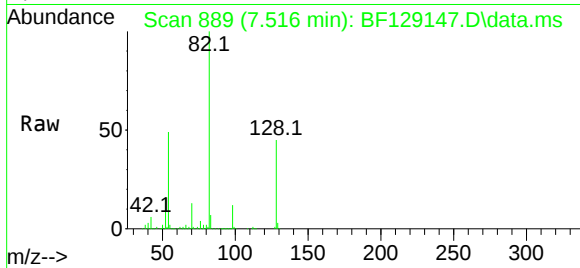
Tgt Ion: 82 Resp: 885093

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

54 49.4 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF129147.D

Acq: 06 Jul 2022 17:24

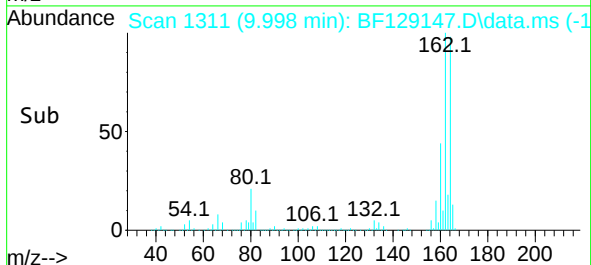
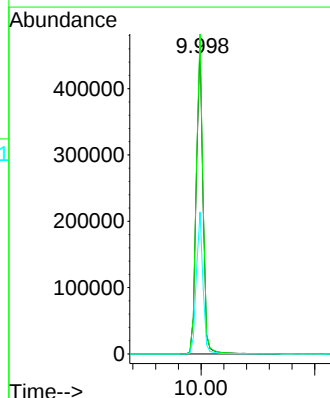
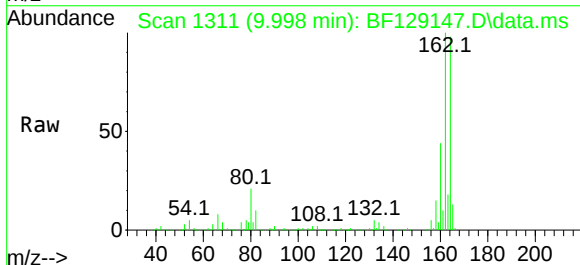
Tgt Ion: 164 Resp: 387897

Ion Ratio Lower Upper

164 100

162 102.3 79.5 119.3

160 45.4 34.2 51.4

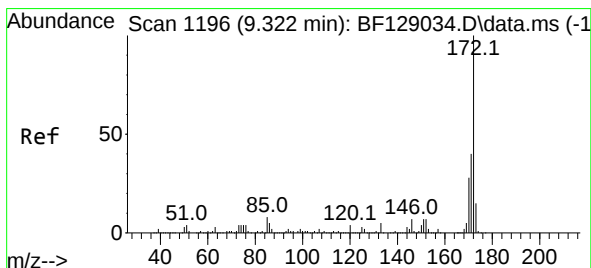
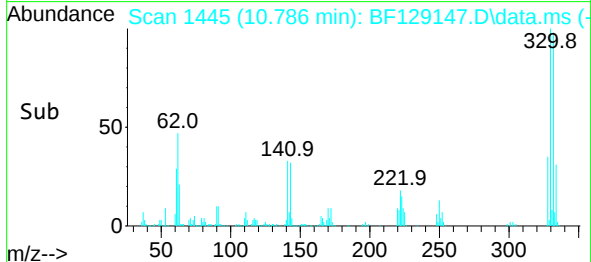
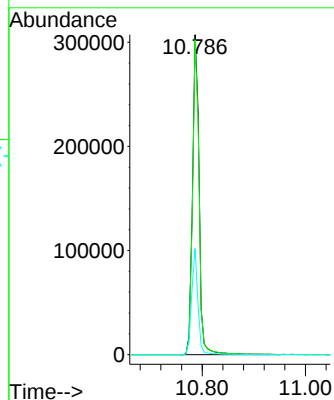
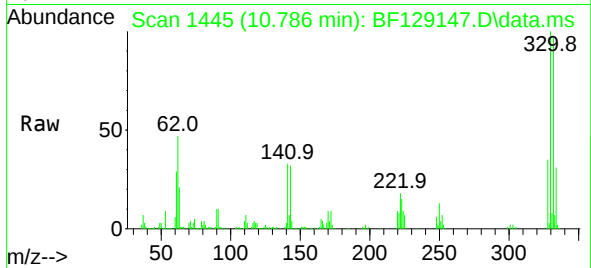




#42  
2,4,6-Tribromophenol  
Concen: 64.690 ng  
RT: 10.786 min Scan# 1445  
Delta R.T. -0.012 min  
Lab File: BF129147.D  
Acq: 06 Jul 2022 17:24

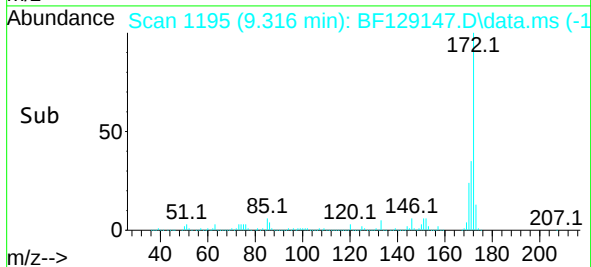
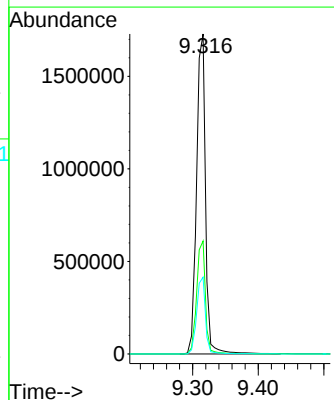
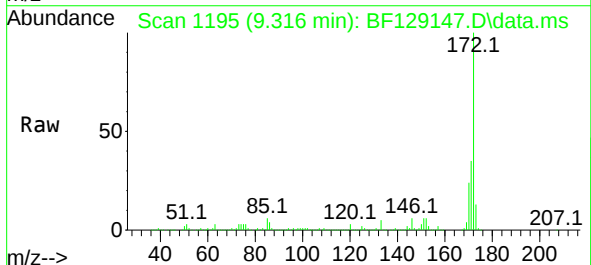
Instrument :  
BNA\_F  
ClientSampleId :  
72-11982

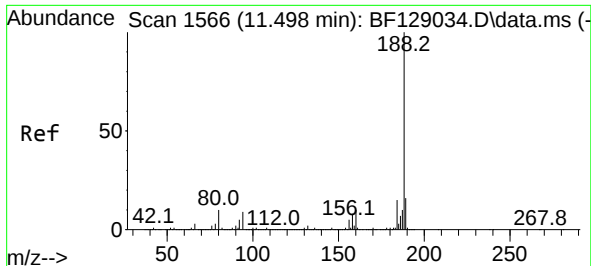
Tgt Ion:330 Resp: 272850  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.8 115.2  
141 31.5 28.0 42.0



#45  
2-Fluorobiphenyl  
Concen: 67.850 ng  
RT: 9.316 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF129147.D  
Acq: 06 Jul 2022 17:24

Tgt Ion:172 Resp: 1645147  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.8 43.2  
170 24.0 19.8 29.8

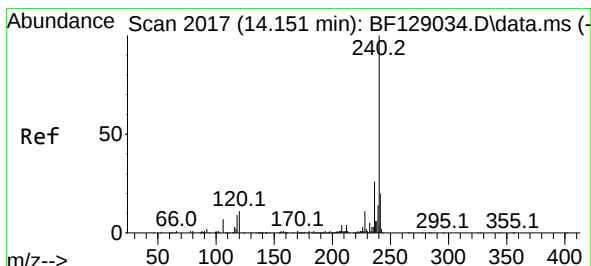
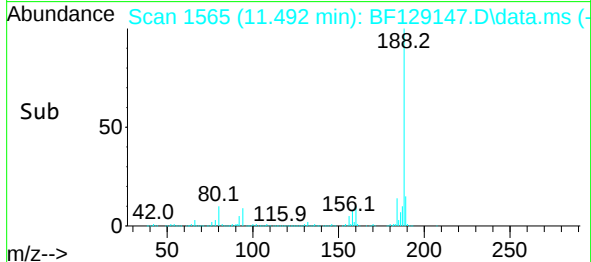
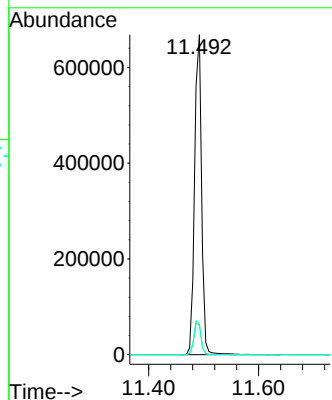
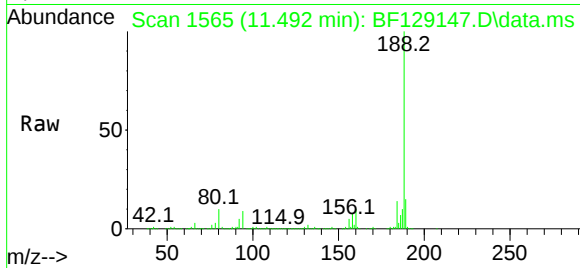




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.492 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129147.D  
Acq: 06 Jul 2022 17:24

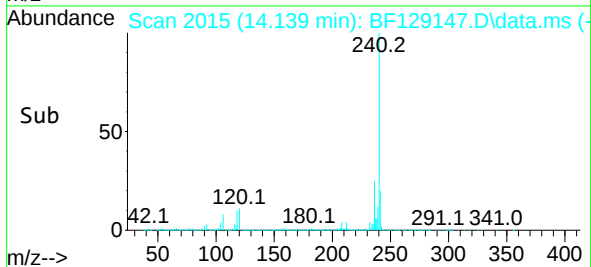
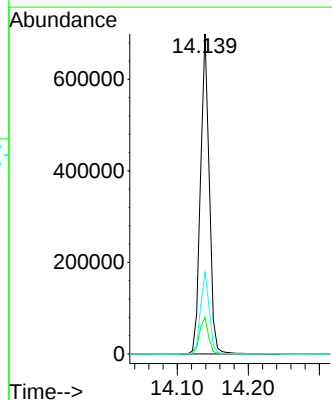
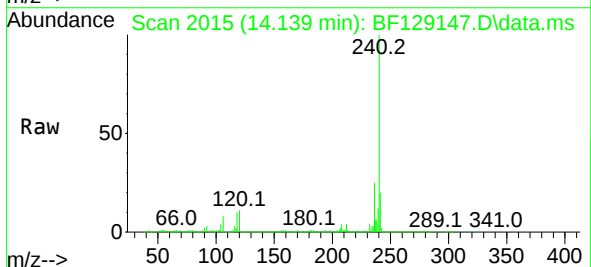
Instrument :  
BNA\_F  
ClientSampleId :  
72-11982

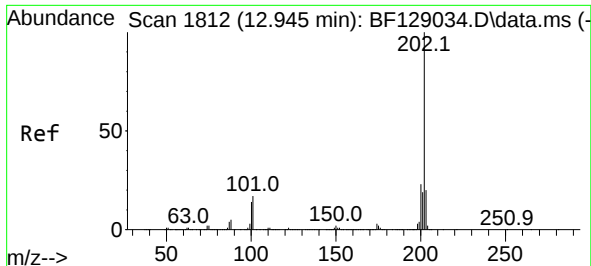
Tgt Ion:188 Resp: 587420  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.0 10.6  
80 9.7 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.139 min Scan# 2015  
Delta R.T. -0.012 min  
Lab File: BF129147.D  
Acq: 06 Jul 2022 17:24

Tgt Ion:240 Resp: 602652  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.9 13.3  
236 25.5 20.8 31.2

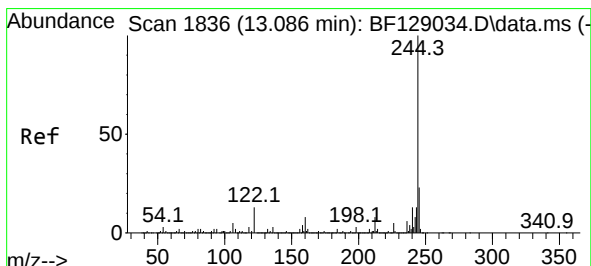
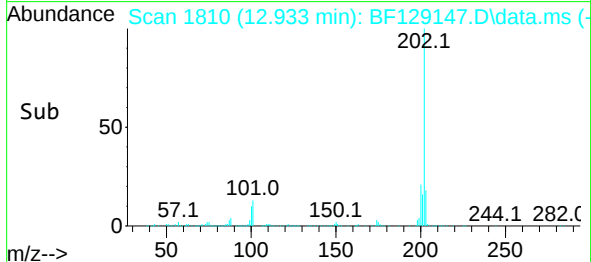
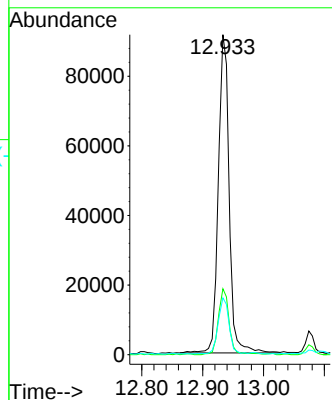
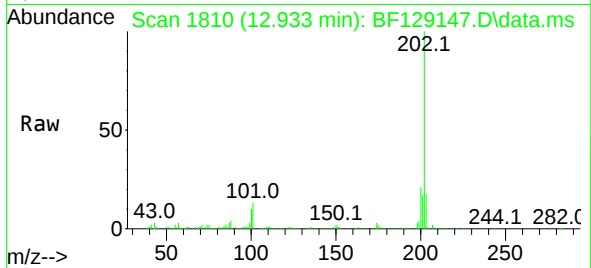




#78  
 Pyrene  
 Concen: 2.701 ng  
 RT: 12.933 min Scan# 1810  
 Delta R.T. -0.012 min  
 Lab File: BF129147.D  
 Acq: 06 Jul 2022 17:24

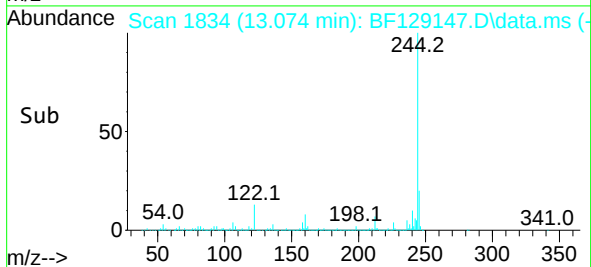
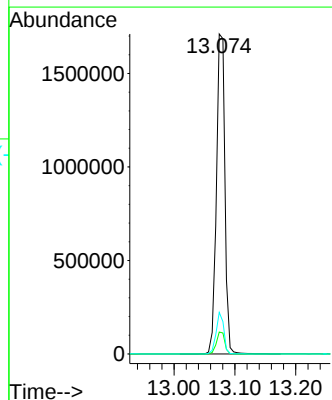
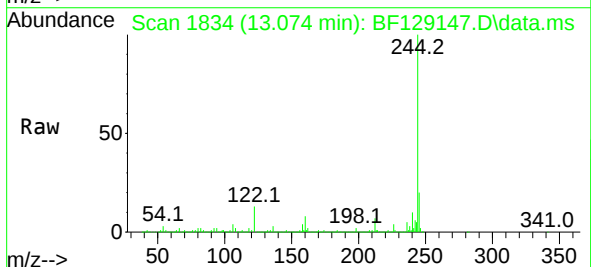
Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11982

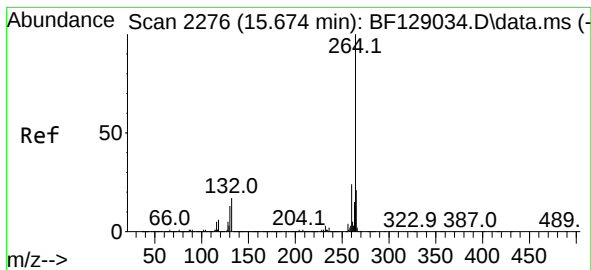
Tgt Ion:202 Resp: 112822  
 Ion Ratio Lower Upper  
 202 100  
 200 20.6 17.7 26.5  
 203 17.7 14.6 21.8



#79  
 Terphenyl-d14  
 Concen: 56.939 ng  
 RT: 13.074 min Scan# 1834  
 Delta R.T. -0.012 min  
 Lab File: BF129147.D  
 Acq: 06 Jul 2022 17:24

Tgt Ion:244 Resp: 1652401  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.1 9.1  
 122 13.0 8.8 13.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.662 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF129147.D  
 Acq: 06 Jul 2022 17:24

Instrument :  
 BNA\_F  
 ClientSampleId :  
 72-11982

Tgt Ion:264 Resp: 714753  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.4 27.6  
 265 21.7 17.2 25.8

