

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062922\  
 Data File : BF129046.D  
 Acq On : 29 Jun 2022 20:29  
 Operator : CG\JU  
 Sample : SP5926  
 Misc : 8270 SURROGATE  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP5926

Quant Time: Jun 29 21:38:42 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  | 452266   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 1764167  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.998  | 164  | 932459   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.492 | 188  | 1719189  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.145 | 240  | 1341046  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.668 | 264  | 1089666  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.604  | 112  | 3307076  | 123.623 | ng    | 0.02     |
| 7) Phenol-d6                | 6.587  | 99   | 3992718  | 120.175 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.522  | 82   | 2546693  | 86.104  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.792 | 330  | 1350507  | 133.198 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 4604788  | 79.003  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.086 | 244  | 5084496  | 78.734  | ng    | 0.00     |

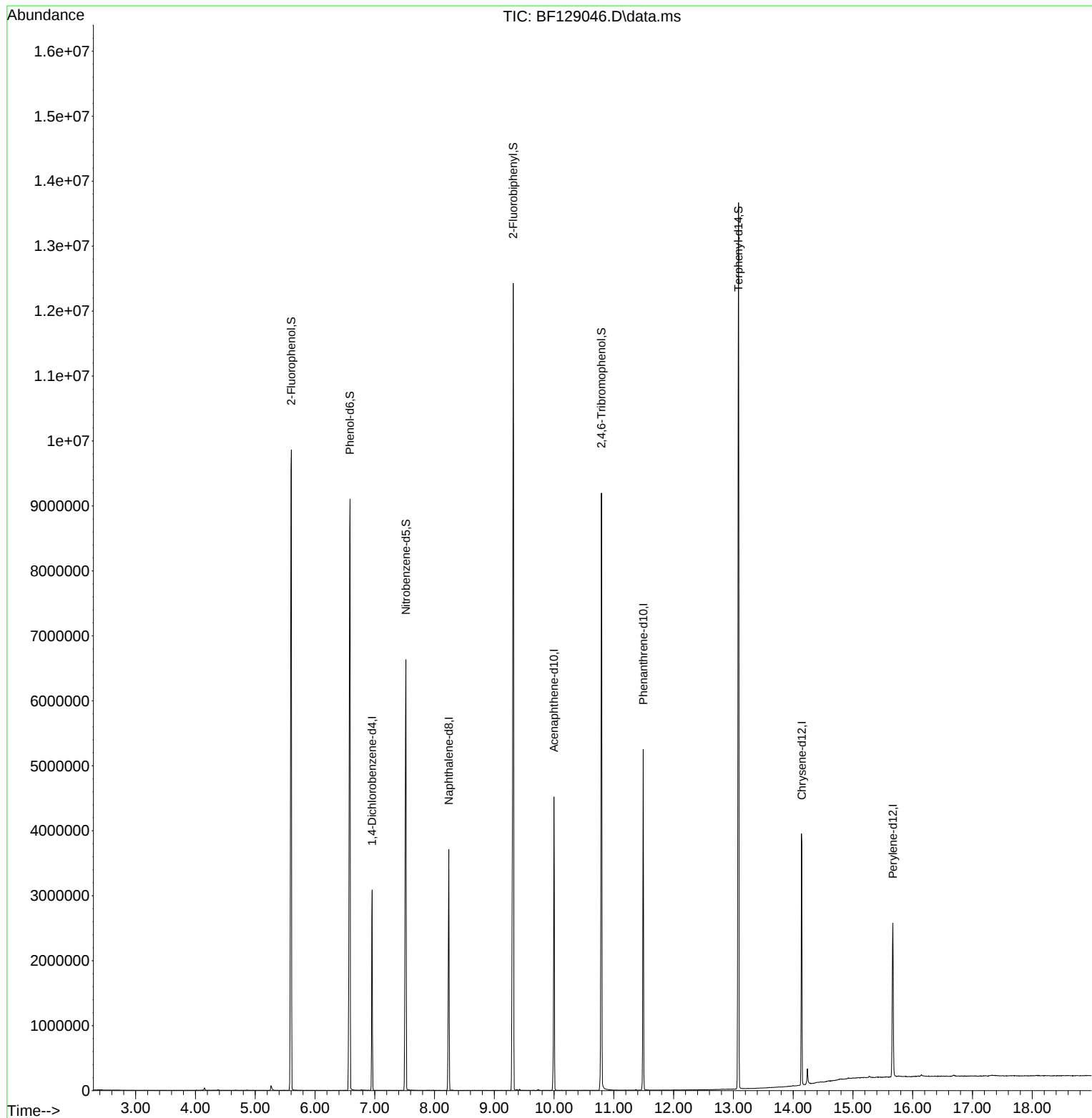
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

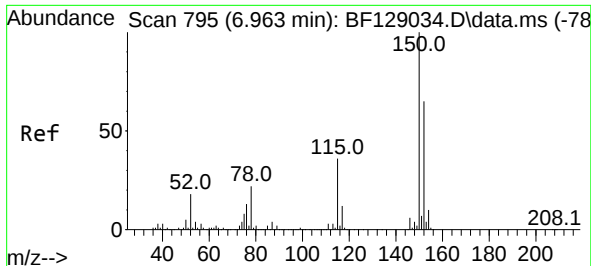
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062922\  
Data File : BF129046.D  
Acq On : 29 Jun 2022 20:29  
Operator : CG\JU  
Sample : SP5926  
Misc : 8270 SURROGATE  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SP5926

Quant Time: Jun 29 21:38:42 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

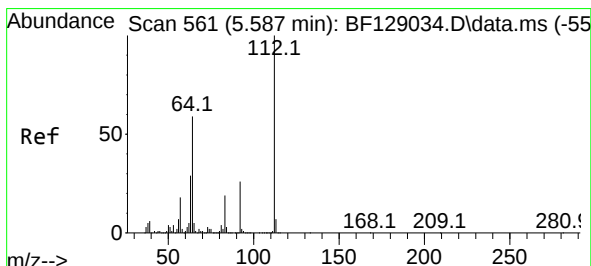
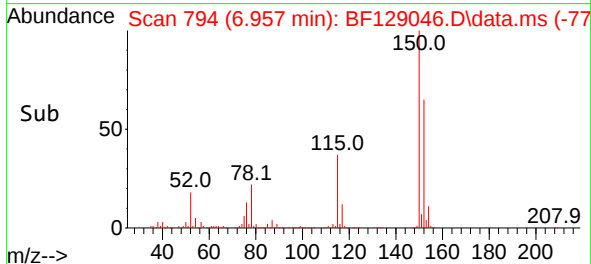
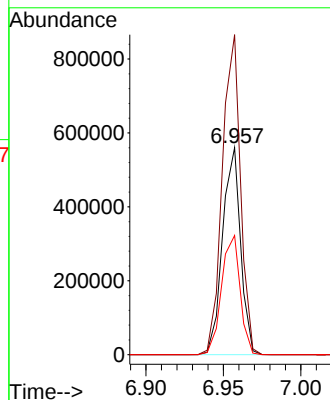
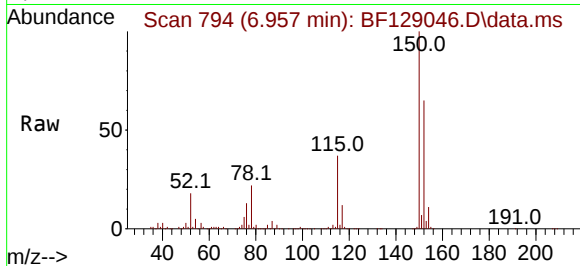




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF129046.D  
Acq: 29 Jun 2022 20:29

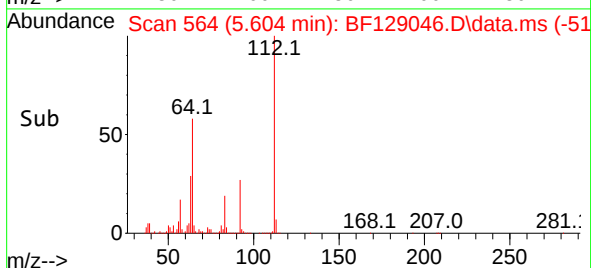
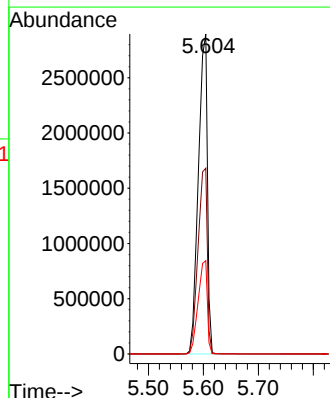
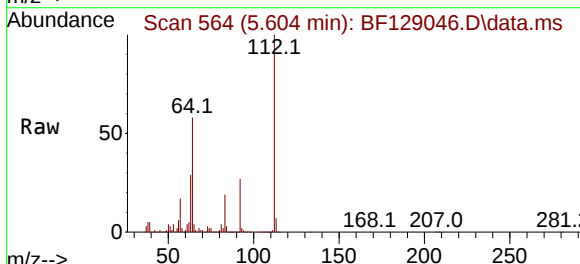
Instrument :  
BNA\_F  
ClientSampleId :  
SP5926

Tgt Ion:152 Resp: 452266  
Ion Ratio Lower Upper  
152 100  
150 154.5 123.7 185.5  
115 57.6 49.9 74.9



#5  
2-Fluorophenol  
Concen: 123.623 ng  
RT: 5.604 min Scan# 564  
Delta R.T. 0.018 min  
Lab File: BF129046.D  
Acq: 29 Jun 2022 20:29

Tgt Ion:112 Resp: 3307076  
Ion Ratio Lower Upper  
112 100  
64 58.1 53.3 79.9  
63 29.2 28.0 42.0

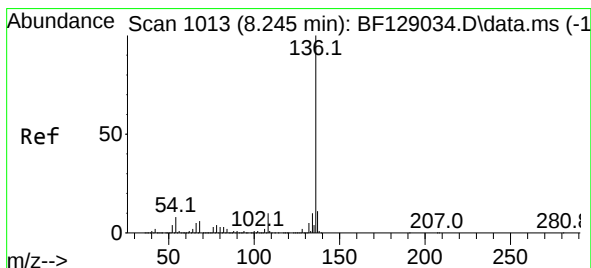
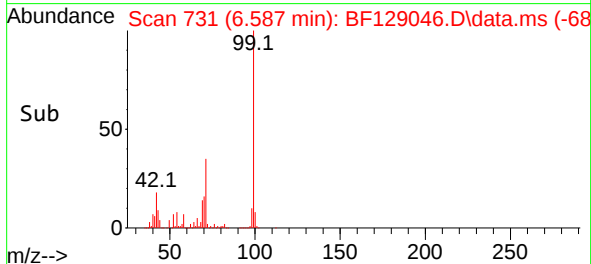
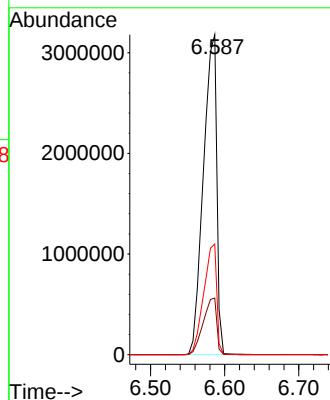
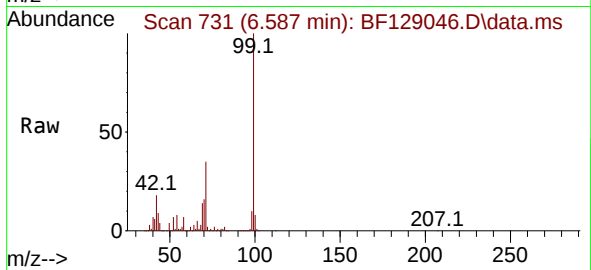




#7  
Phenol-d6  
Concen: 120.175 ng  
RT: 6.587 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF129046.D  
Acq: 29 Jun 2022 20:29

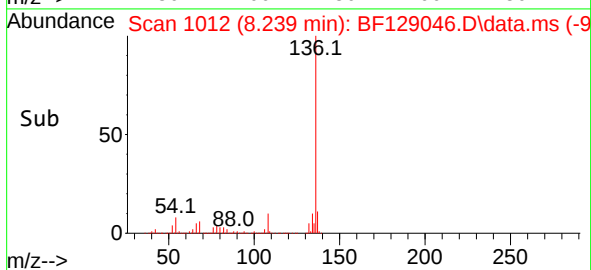
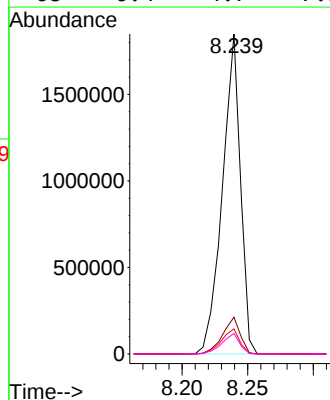
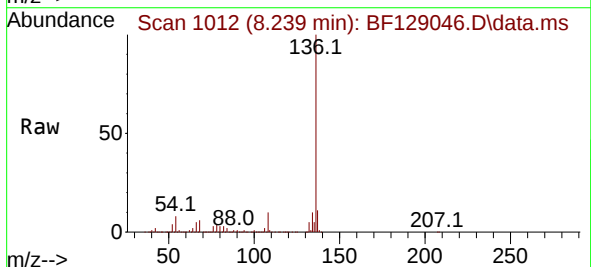
Instrument :  
BNA\_F  
ClientSampleId :  
SP5926

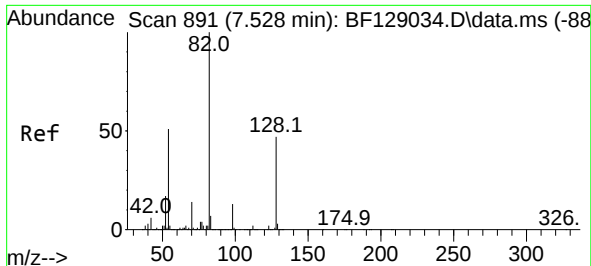
Tgt Ion: 99 Resp: 3992718  
Ion Ratio Lower Upper  
99 100  
42 17.7 17.3 25.9  
71 34.6 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF129046.D  
Acq: 29 Jun 2022 20:29

Tgt Ion:136 Resp: 1764167  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.8 13.2  
54 7.8 7.5 11.3  
68 6.4 4.7 7.1

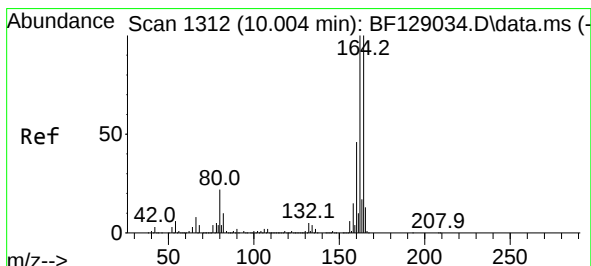
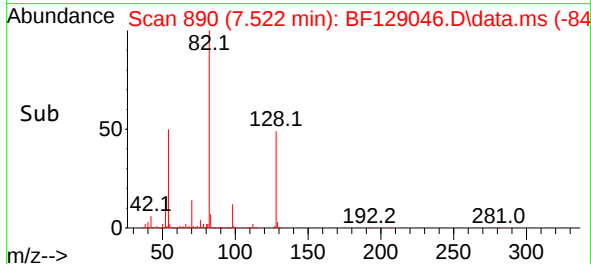
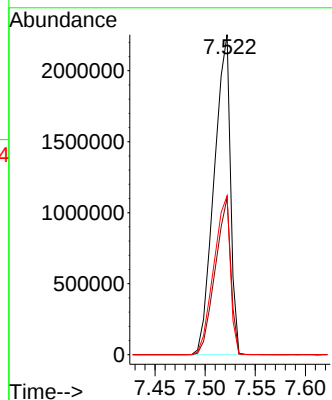
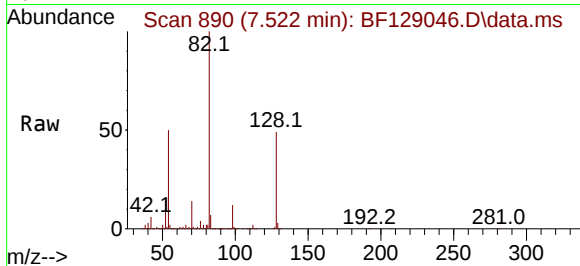




#23  
Nitrobenzene-d5  
Concen: 86.104 ng  
RT: 7.522 min Scan# 891  
Delta R.T. -0.006 min  
Lab File: BF129046.D  
Acq: 29 Jun 2022 20:29

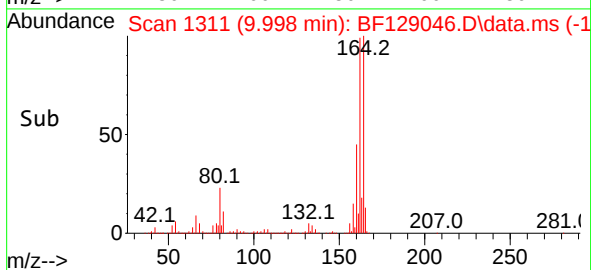
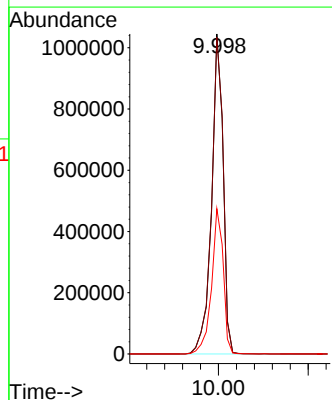
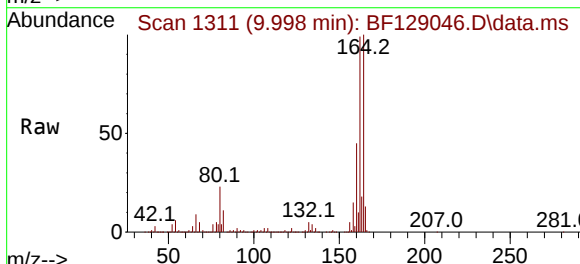
Instrument :  
BNA\_F  
ClientSampleId :  
SP5926

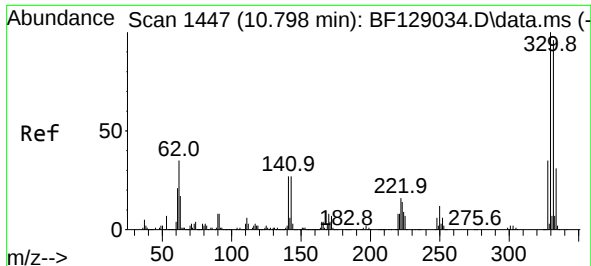
Tgt Ion: 82 Resp: 2546693  
Ion Ratio Lower Upper  
82 100  
128 49.0 34.0 51.0  
54 49.6 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1311  
Delta R.T. -0.006 min  
Lab File: BF129046.D  
Acq: 29 Jun 2022 20:29

Tgt Ion:164 Resp: 932459  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.5 119.3  
160 45.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 133.198 ng

RT: 10.792 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129046.D

Acq: 29 Jun 2022 20:29

Instrument :

BNA\_F

ClientSampleId :

SP5926

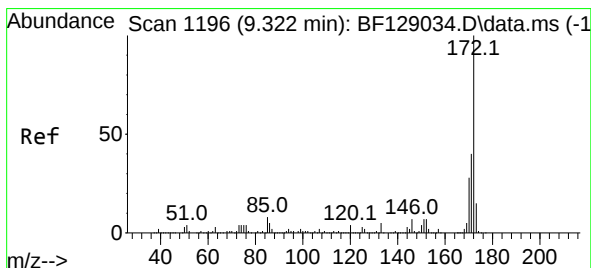
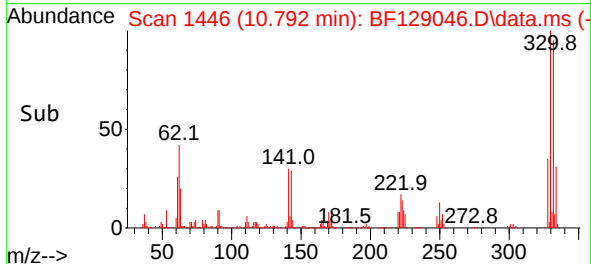
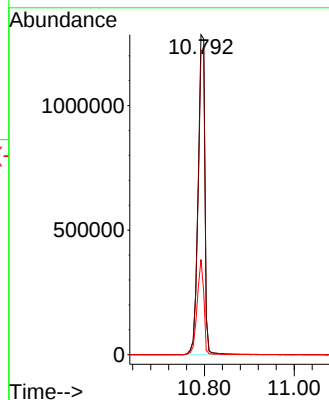
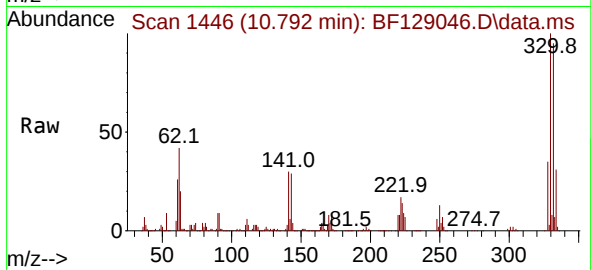
Tgt Ion:330 Resp: 1350507

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 29.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.003 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129046.D

Acq: 29 Jun 2022 20:29

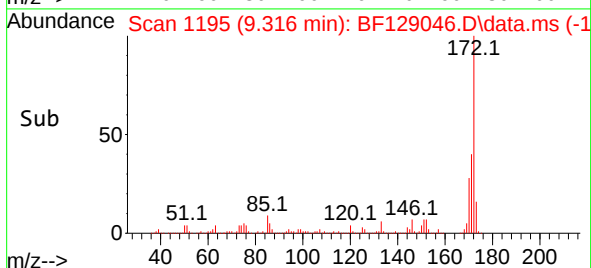
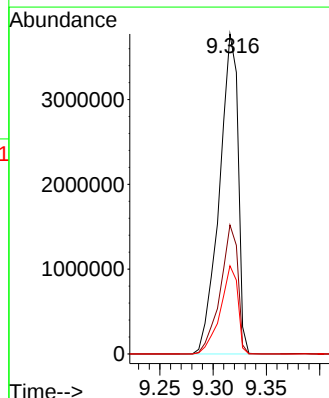
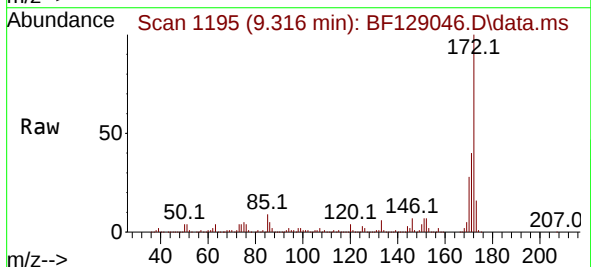
Tgt Ion:172 Resp: 4604788

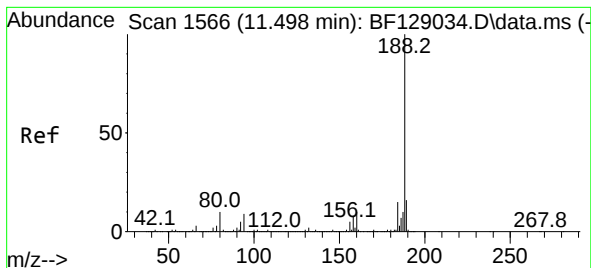
Ion Ratio Lower Upper

172 100

171 40.3 28.8 43.2

170 27.6 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: BF129046.D

Acq: 29 Jun 2022 20:29

Instrument :

BNA\_F

ClientSampleId :

SP5926

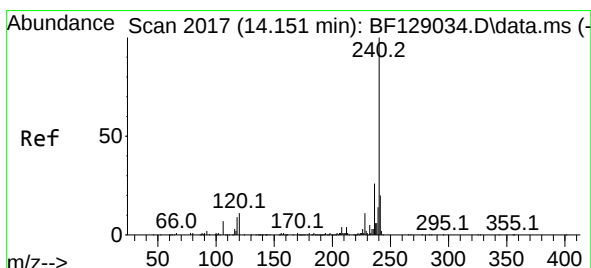
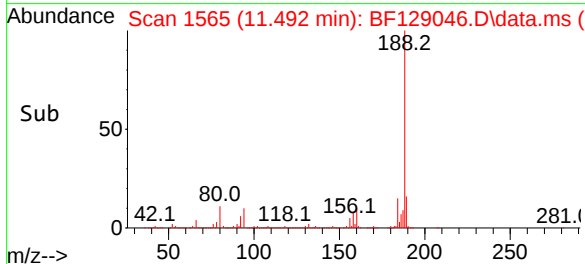
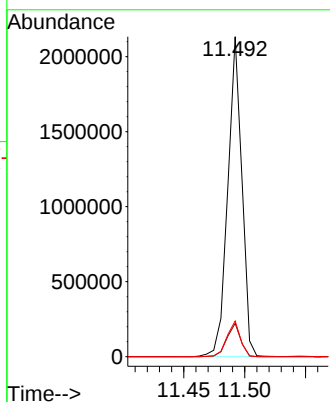
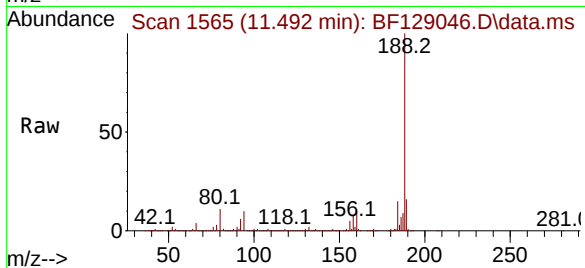
Tgt Ion:188 Resp: 1719189

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.2 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF129046.D

Acq: 29 Jun 2022 20:29

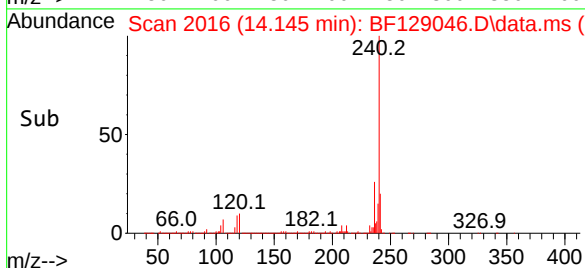
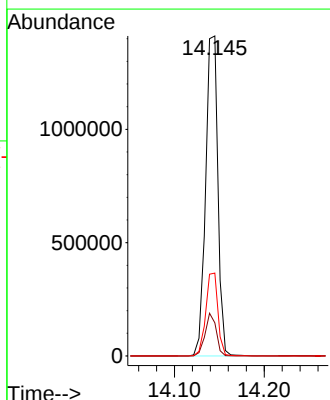
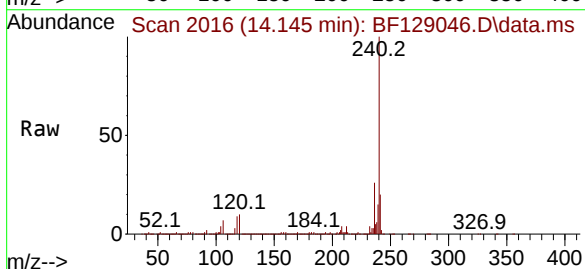
Tgt Ion:240 Resp: 1341046

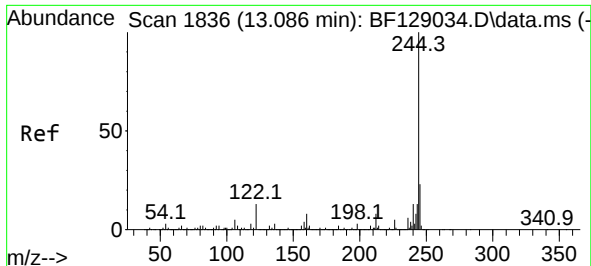
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.9 20.8 31.2

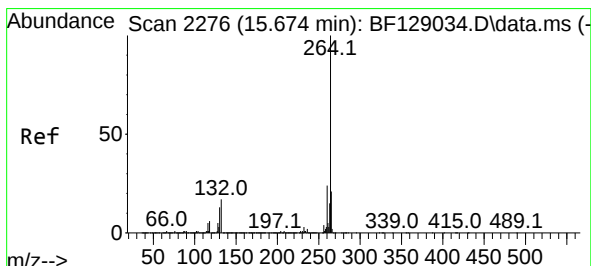
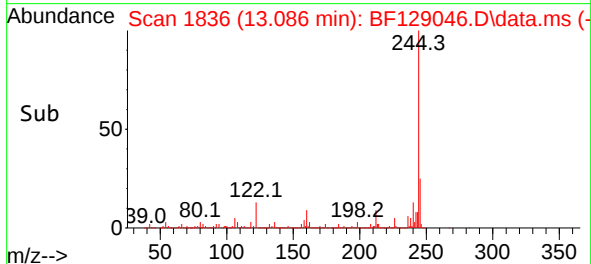
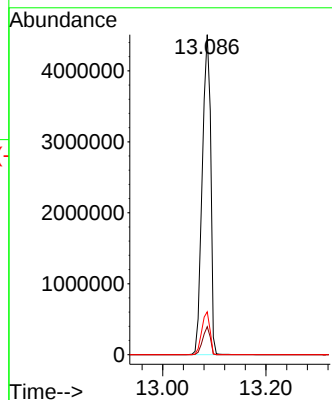
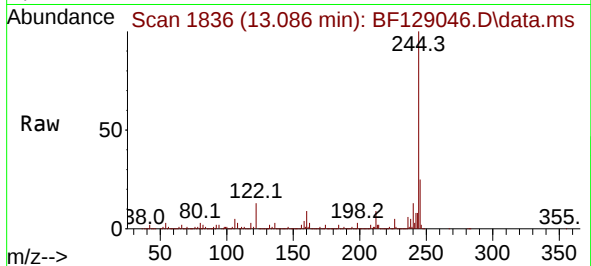




#79  
 Terphenyl-d14  
 Concen: 78.734 ng  
 RT: 13.086 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: BF129046.D  
 Acq: 29 Jun 2022 20:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP5926

Tgt Ion:244 Resp: 5084496  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.1 9.1  
 122 13.4 8.8 13.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.668 min Scan# 2275  
 Delta R.T. -0.006 min  
 Lab File: BF129046.D  
 Acq: 29 Jun 2022 20:29

Tgt Ion:264 Resp: 1089666  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.4 27.6  
 265 21.8 17.2 25.8

