

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080822\  
 Data File : BF129628.D  
 Acq On : 08 Aug 2022 11:56  
 Operator : CG\JU  
 Sample : PB146618BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146618BL

Quant Time: Aug 08 14:37:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 05 16:27:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.840  | 152  | 210745   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.122  | 136  | 878272   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.881  | 164  | 487363   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.375 | 188  | 838148   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.016 | 240  | 569293   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.492 | 264  | 445525   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 1633081  | 126.232 | ng    | 0.00     |
| 7) Phenol-d6                | 6.493  | 99   | 2067434  | 127.139 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 1382005  | 85.898  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.681 | 330  | 622983   | 132.956 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 2527801  | 80.235  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.963 | 244  | 2951320  | 97.804  | ng    | 0.00     |

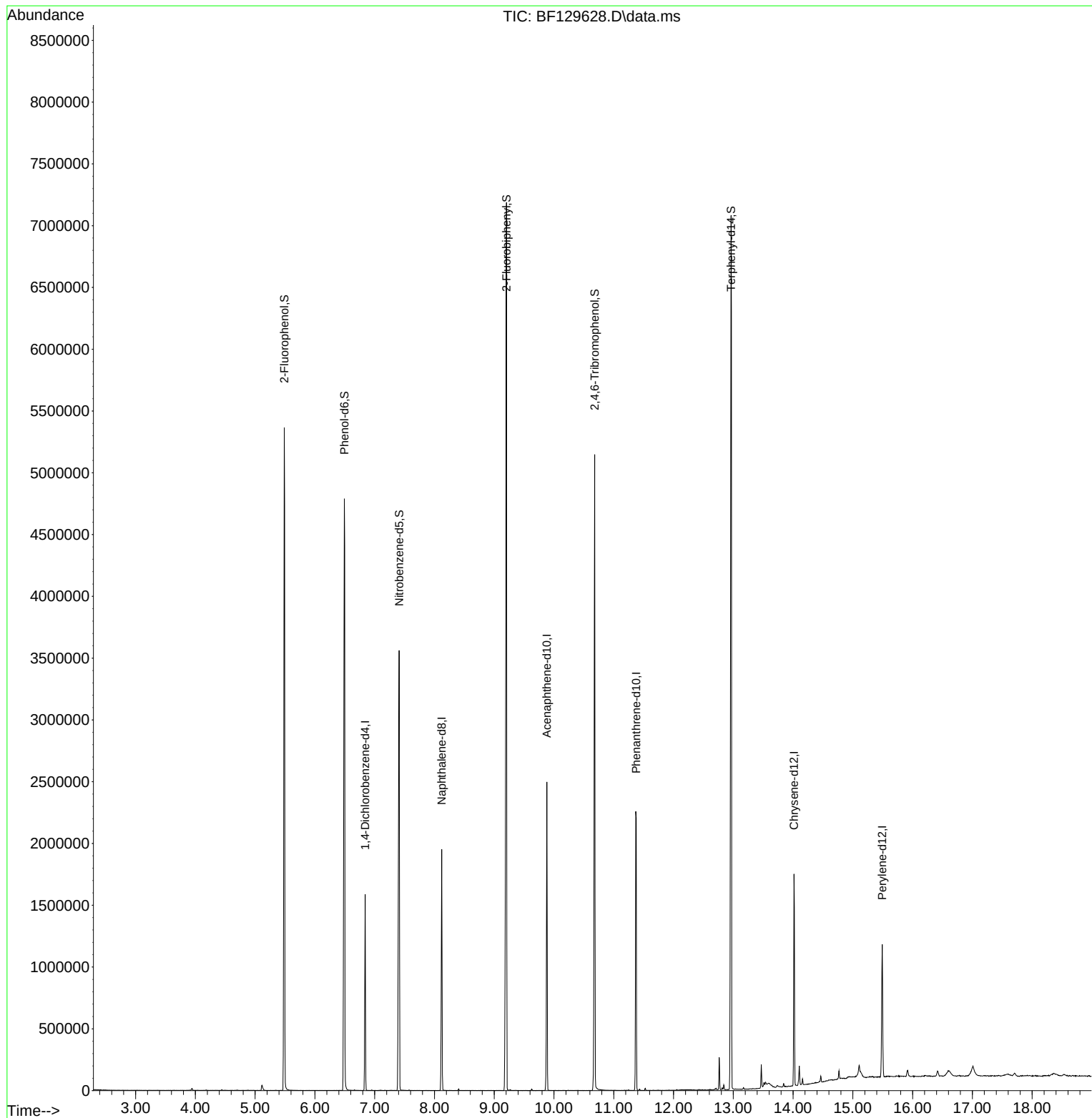
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

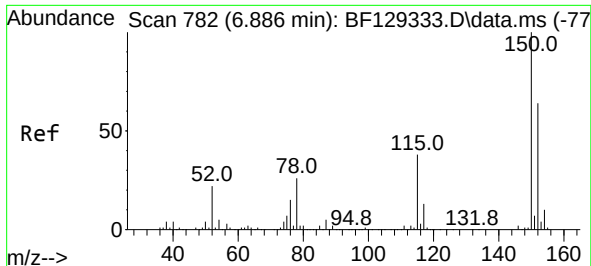
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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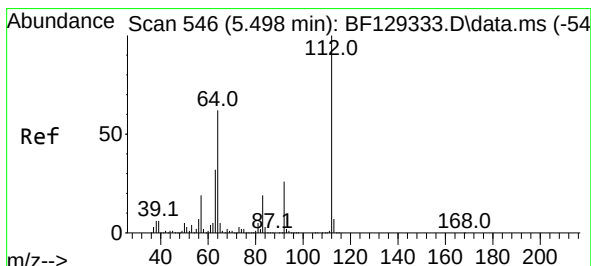
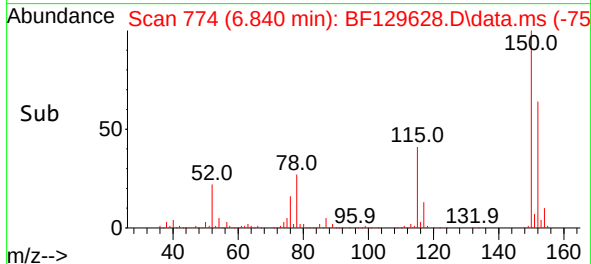
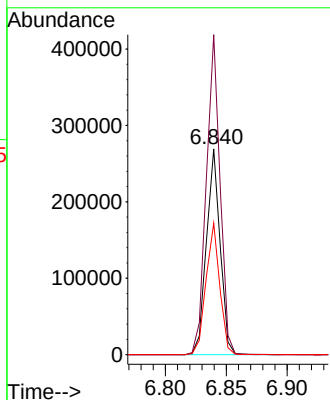
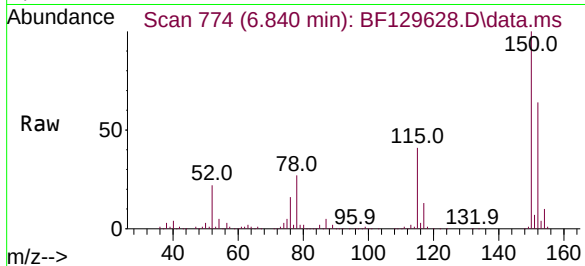




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.840 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BF129628.D  
Acq: 08 Aug 2022 11:56

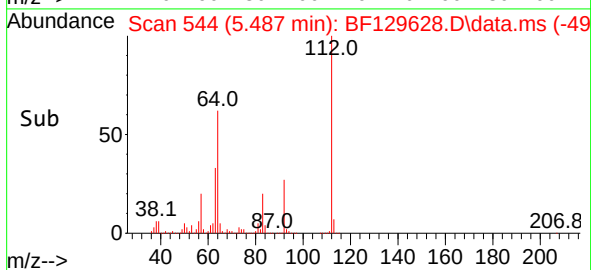
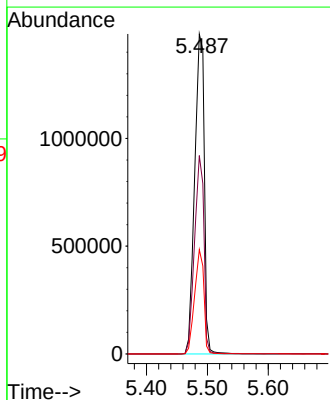
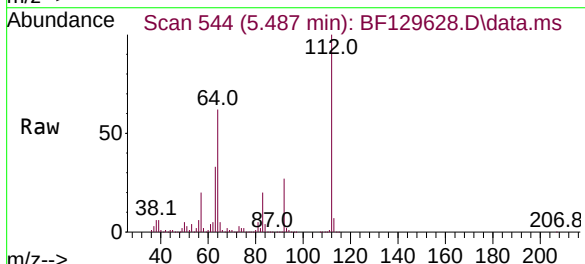
Instrument :  
BNA\_F  
ClientSampleId :  
PB146618BL

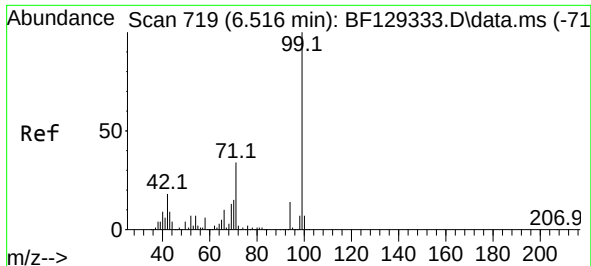
Tgt Ion:152 Resp: 210745  
Ion Ratio Lower Upper  
152 100  
150 155.6 123.7 185.5  
115 63.9 49.9 74.9



#5  
2-Fluorophenol  
Concen: 126.232 ng  
RT: 5.487 min Scan# 544  
Delta R.T. 0.006 min  
Lab File: BF129628.D  
Acq: 08 Aug 2022 11:56

Tgt Ion:112 Resp: 1633081  
Ion Ratio Lower Upper  
112 100  
64 62.0 53.3 79.9  
63 32.6 28.0 42.0

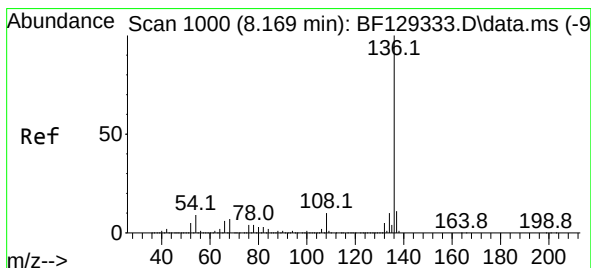
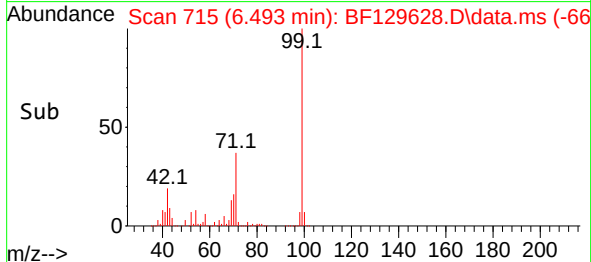
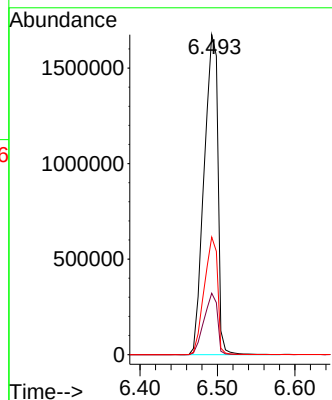
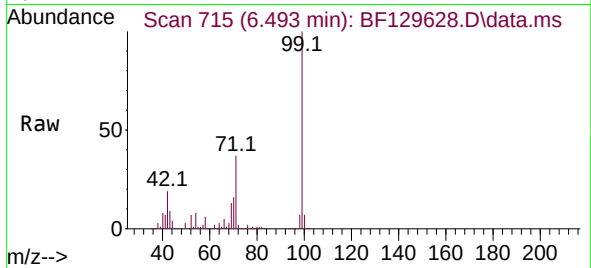




#7  
Phenol-d6  
Concen: 127.139 ng  
RT: 6.493 min Scan# 719  
Delta R.T. -0.012 min  
Lab File: BF129628.D  
Acq: 08 Aug 2022 11:56

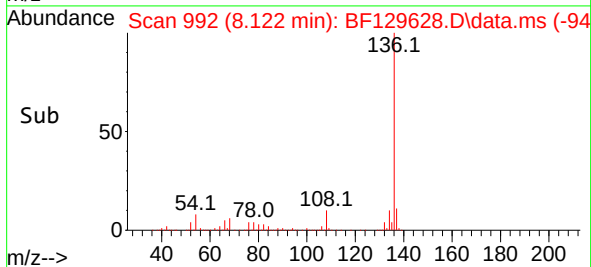
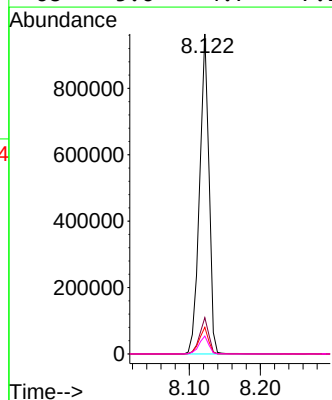
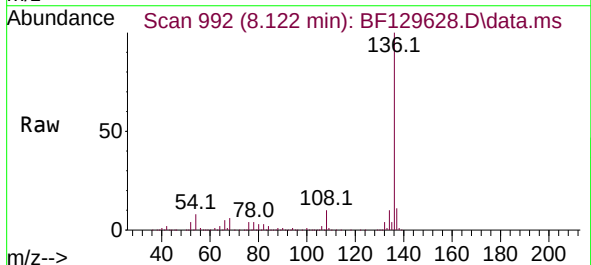
Instrument :  
BNA\_F  
ClientSampleId :  
PB146618BL

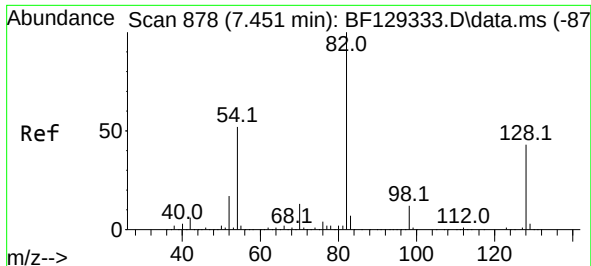
Tgt Ion: 99 Resp: 2067434  
Ion Ratio Lower Upper  
99 100  
42 19.2 17.3 25.9  
71 36.7 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 992  
Delta R.T. -0.012 min  
Lab File: BF129628.D  
Acq: 08 Aug 2022 11:56

Tgt Ion: 136 Resp: 878272  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 8.3 7.5 11.3  
68 5.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.898 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

Instrument :

BNA\_F

ClientSampleId :

PB146618BL

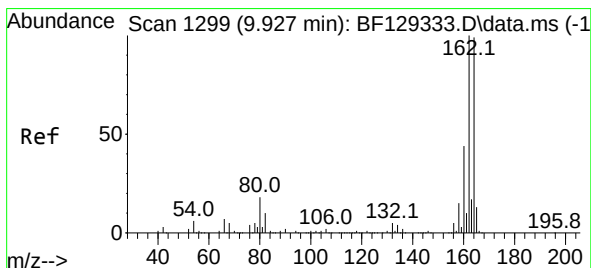
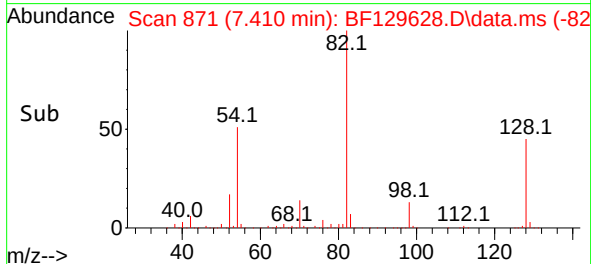
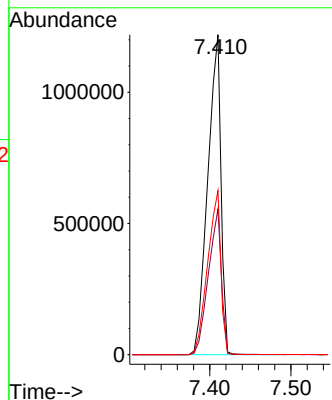
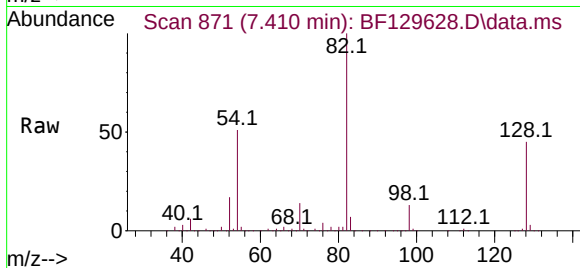
Tgt Ion: 82 Resp: 1382005

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

54 51.2 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.012 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

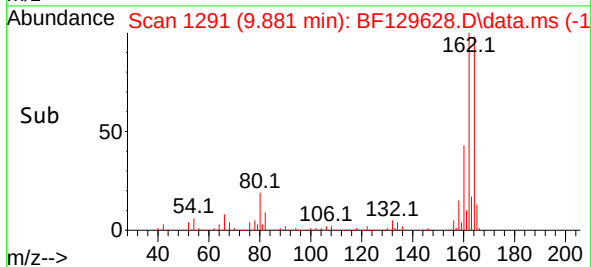
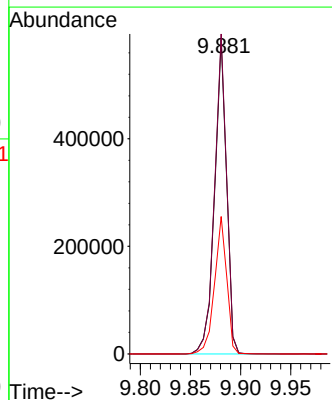
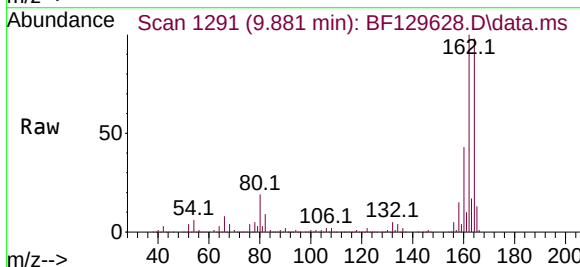
Tgt Ion: 164 Resp: 487363

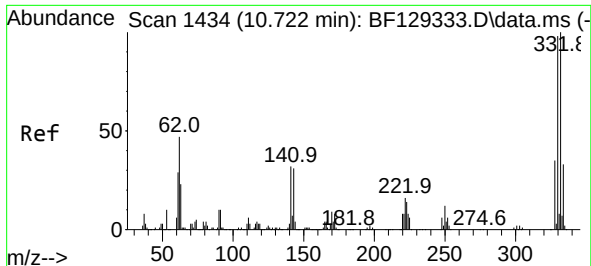
Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 132.956 ng

RT: 10.681 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

Instrument :

BNA\_F

ClientSampleId :

PB146618BL

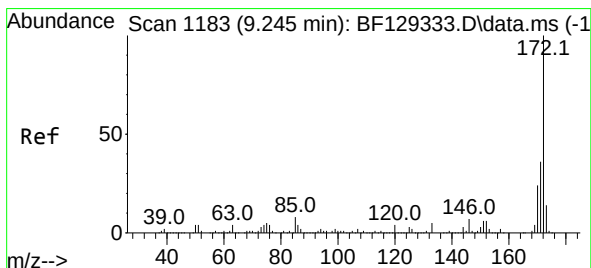
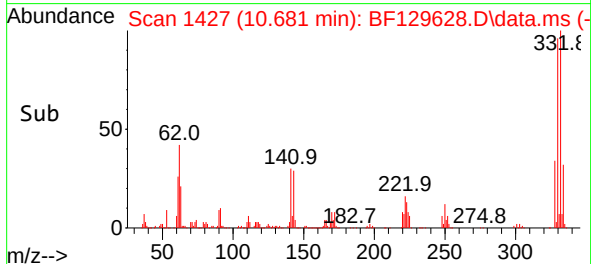
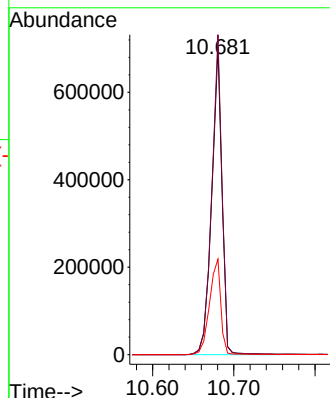
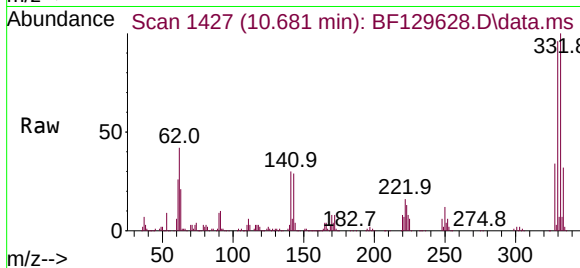
Tgt Ion:330 Resp: 622983

Ion Ratio Lower Upper

330 100

332 103.6 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.235 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129628.D

Acq: 08 Aug 2022 11:56

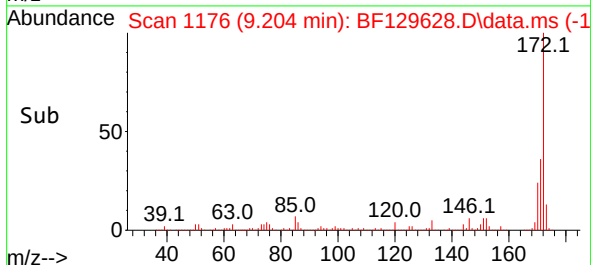
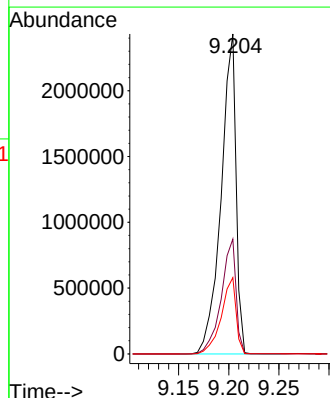
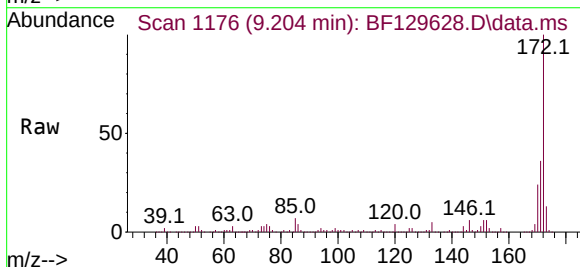
Tgt Ion:172 Resp: 2527801

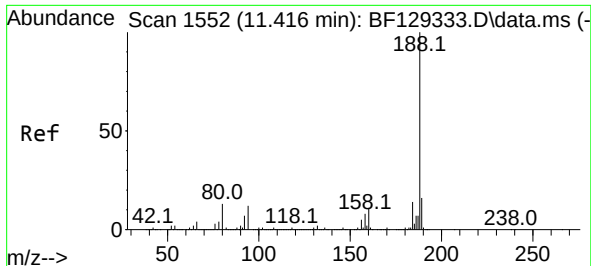
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.8 19.8 29.8

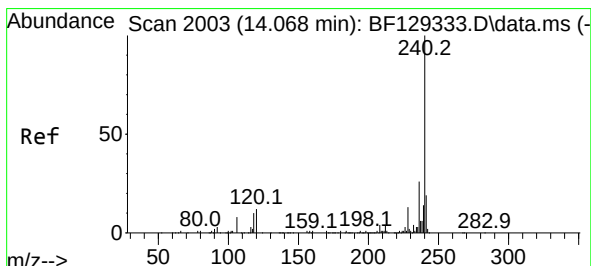
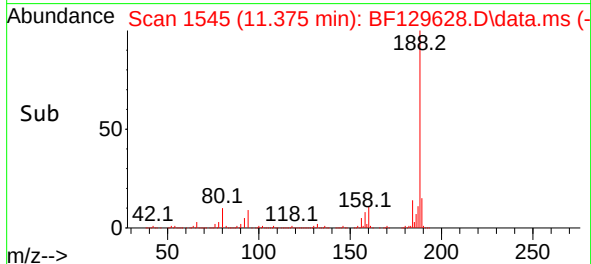
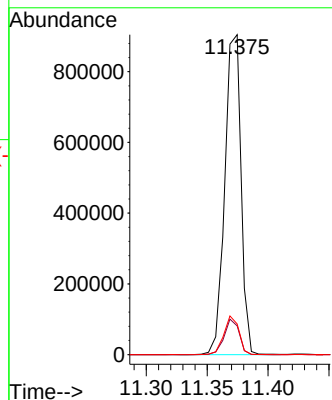
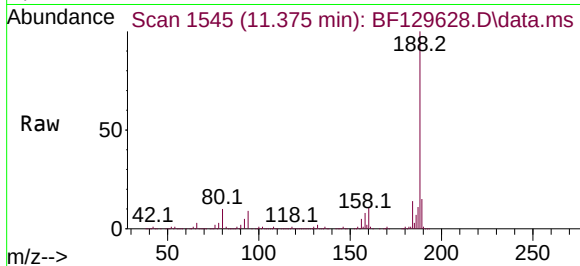




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129628.D  
Acq: 08 Aug 2022 11:56

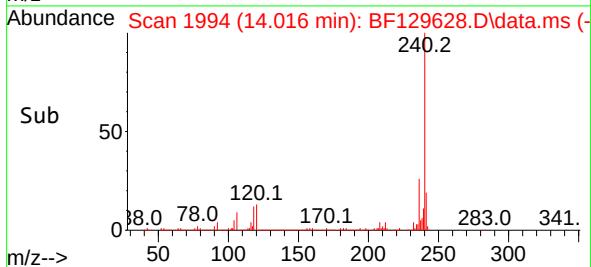
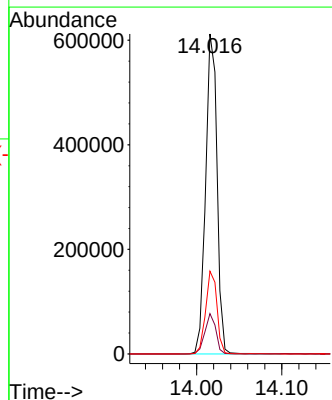
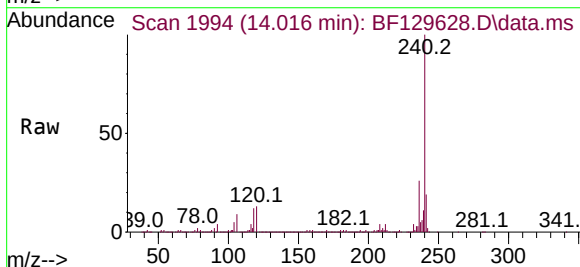
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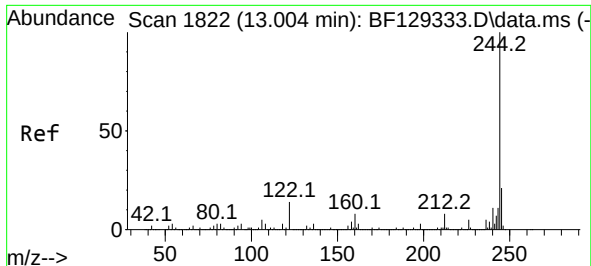
Tgt Ion:188 Resp: 838148  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.0 10.6  
80 9.6 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 1994  
Delta R.T. -0.012 min  
Lab File: BF129628.D  
Acq: 08 Aug 2022 11:56

Tgt Ion:240 Resp: 569293  
Ion Ratio Lower Upper  
240 100  
120 12.6 8.9 13.3  
236 25.9 20.8 31.2

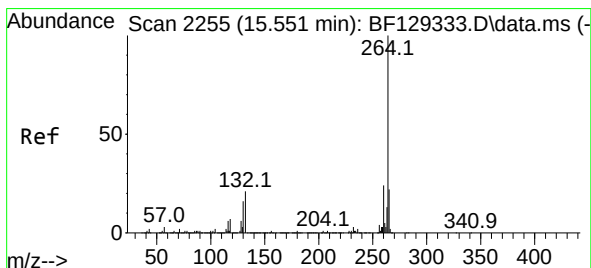
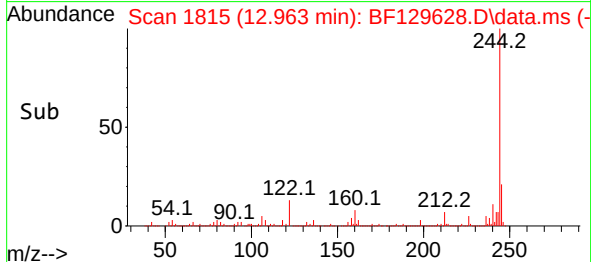
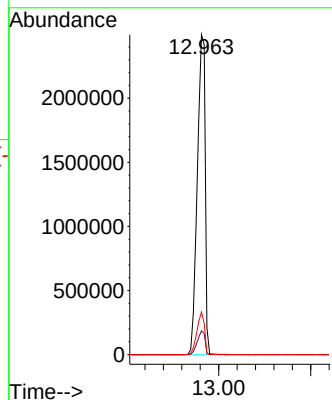
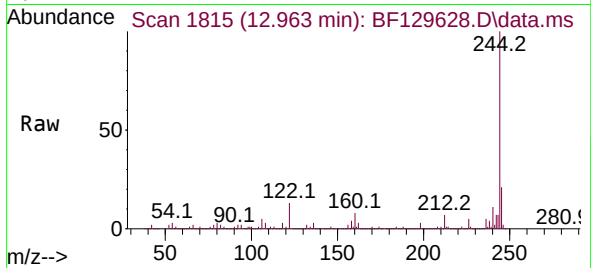




#79  
 Terphenyl-d14  
 Concen: 97.804 ng  
 RT: 12.963 min Scan# 1822  
 Delta R.T. -0.006 min  
 Lab File: BF129628.D  
 Acq: 08 Aug 2022 11:56

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 2951320  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 13.3 8.8 13.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.492 min Scan# 2245  
 Delta R.T. -0.012 min  
 Lab File: BF129628.D  
 Acq: 08 Aug 2022 11:56

Tgt Ion:264 Resp: 445525  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.4 27.6  
 265 21.3 17.2 25.8

