

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072922\  
 Data File : BF129463.D  
 Acq On : 30 Jul 2022 02:41  
 Operator : CG\JU  
 Sample : N3895-15 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RVE-53

Quant Time: Jul 30 03:08:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 25 17:24:17 2022  
 Response via : Initial Calibration

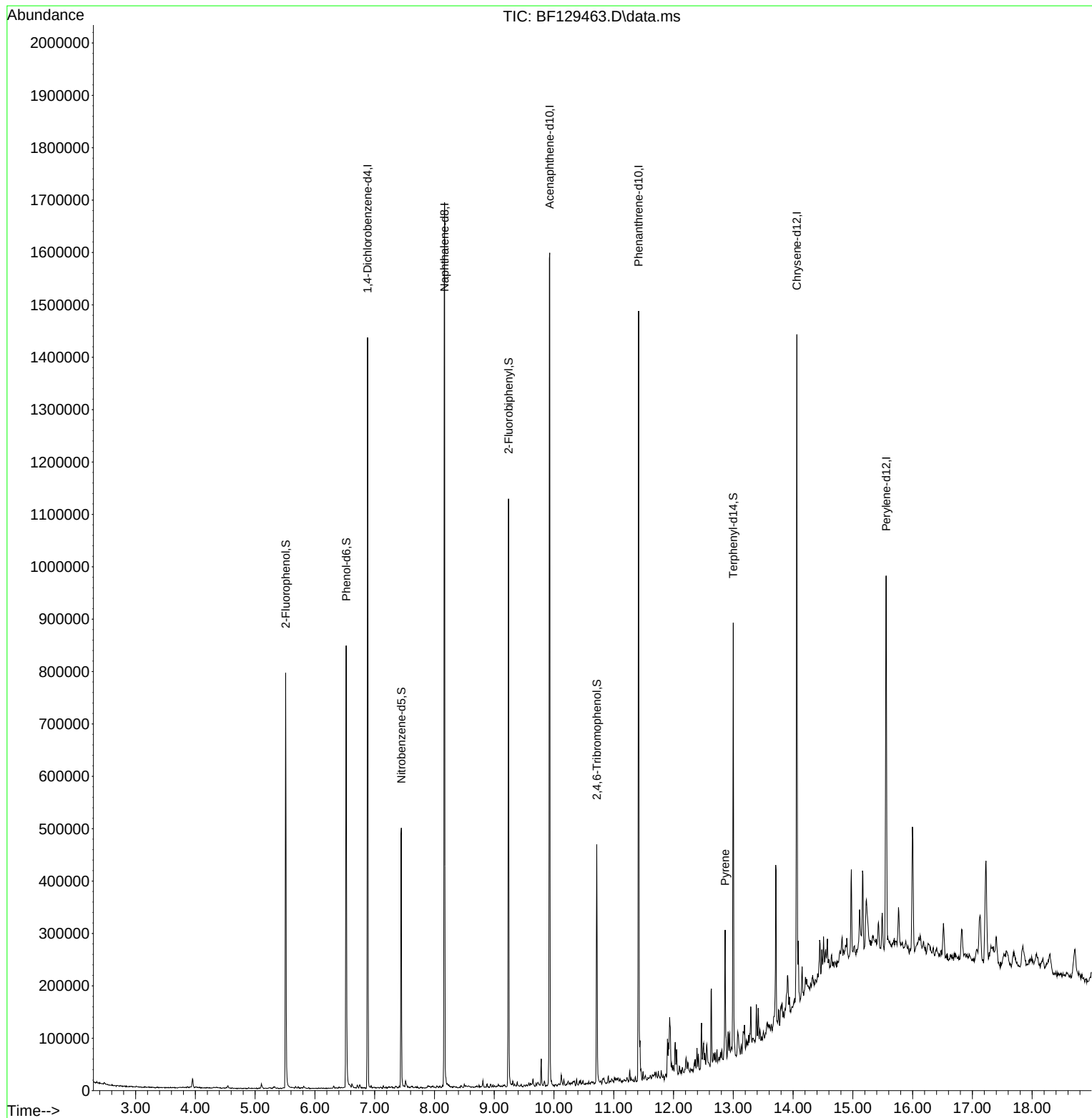
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 196707   | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.169  | 136  | 740070   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.928  | 164  | 342721   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.416 | 188  | 482865   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 14.063 | 240  | 389742   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12            | 15.557 | 264  | 293249   | 20.000 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.510  | 112  | 204247   | 16.914 | ng    | 0.01      |
| 7) Phenol-d6                | 6.522  | 99   | 257294   | 16.952 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 154501   | 11.396 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 46529    | 14.121 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 305980   | 13.811 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.998 | 244  | 243323   | 11.778 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 78) Pyrene                  | 12.863 | 202  | 89634    | 2.750  | ng    | Qvalue 99 |
| -----                       |        |      |          |        |       |           |

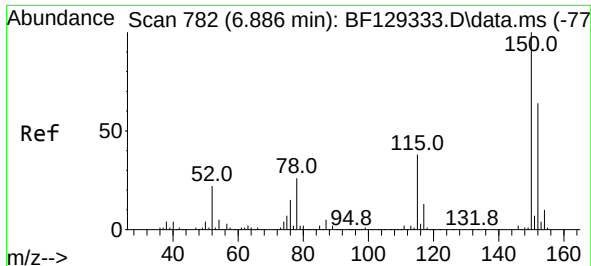
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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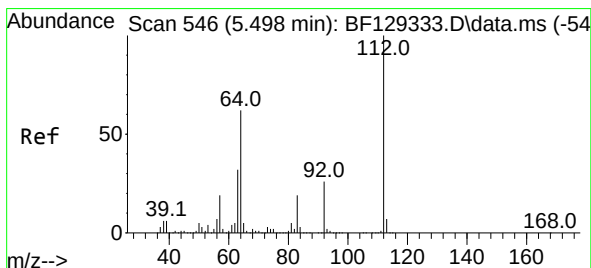
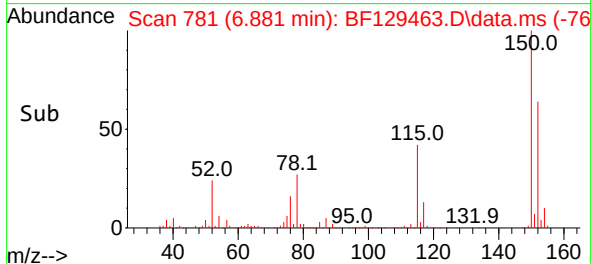
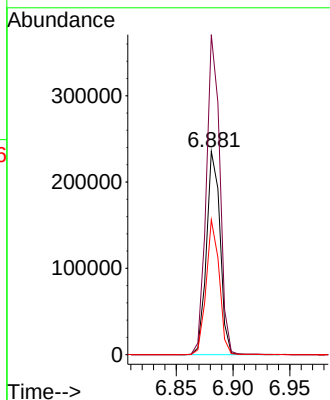
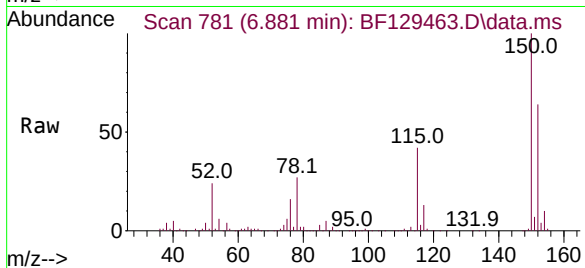




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 781  
 Delta R.T. -0.005 min  
 Lab File: BF129463.D  
 Acq: 30 Jul 2022 02:41

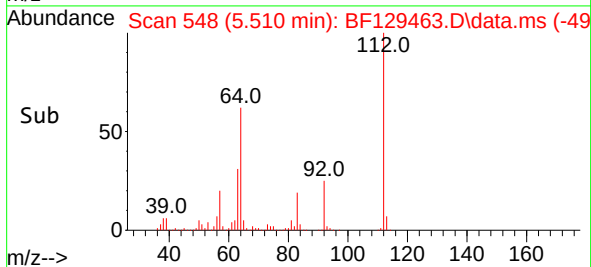
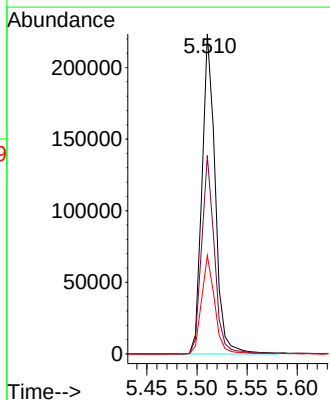
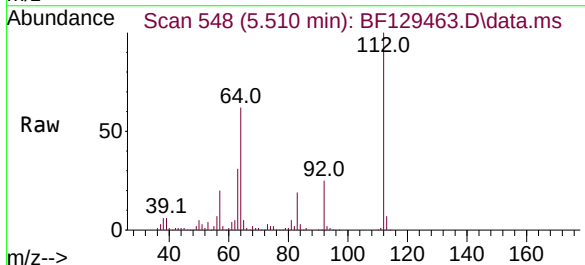
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RVE-53

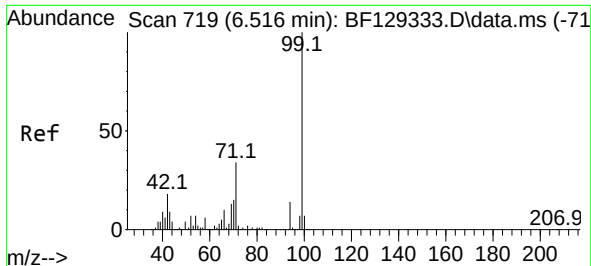
Tgt Ion:152 Resp: 196707  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 123.7 185.5  
 115 66.3 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 16.914 ng  
 RT: 5.510 min Scan# 548  
 Delta R.T. 0.012 min  
 Lab File: BF129463.D  
 Acq: 30 Jul 2022 02:41

Tgt Ion:112 Resp: 204247  
 Ion Ratio Lower Upper  
 112 100  
 64 62.0 53.3 79.9  
 63 30.7 28.0 42.0

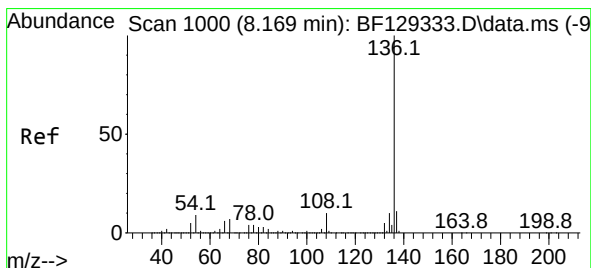
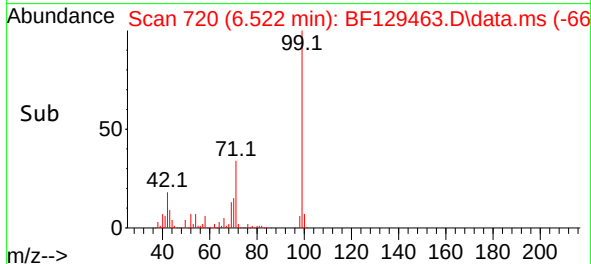
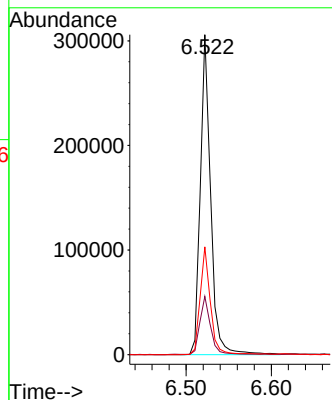
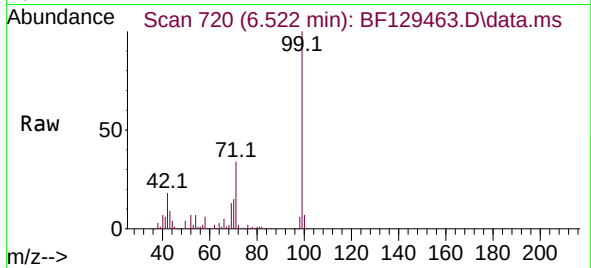




#7  
Phenol-d6  
Concen: 16.952 ng  
RT: 6.522 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF129463.D  
Acq: 30 Jul 2022 02:41

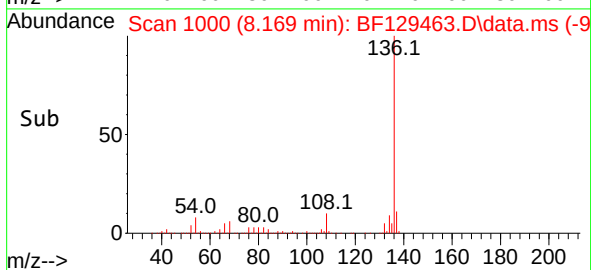
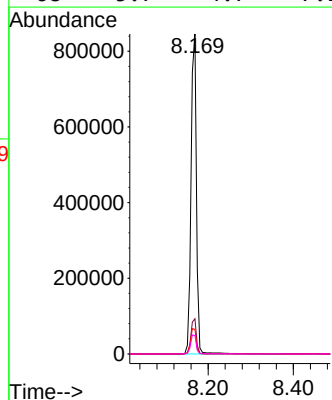
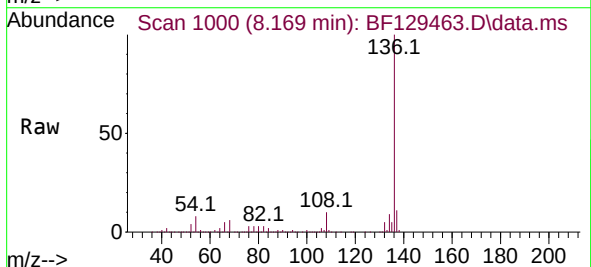
Instrument :  
BNA\_F  
ClientSampleId :  
RVE-53

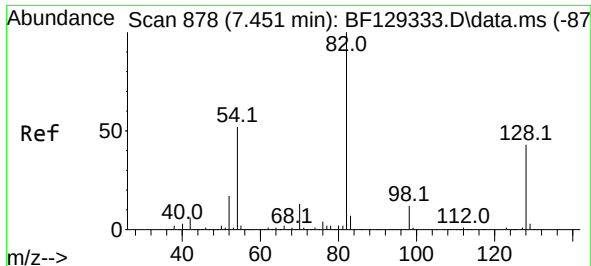
Tgt Ion: 99 Resp: 257294  
Ion Ratio Lower Upper  
99 100  
42 18.2 17.3 25.9  
71 33.7 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BF129463.D  
Acq: 30 Jul 2022 02:41

Tgt Ion: 136 Resp: 740070  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.7 7.5 11.3  
68 5.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 11.396 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

Instrument :

BNA\_F

ClientSampleId :

RVE-53

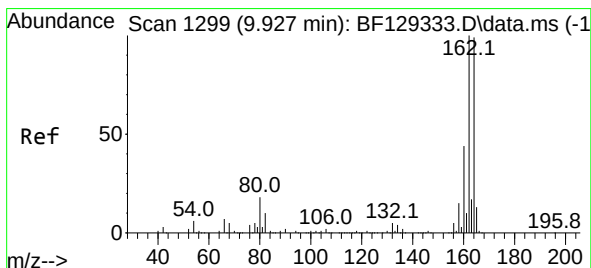
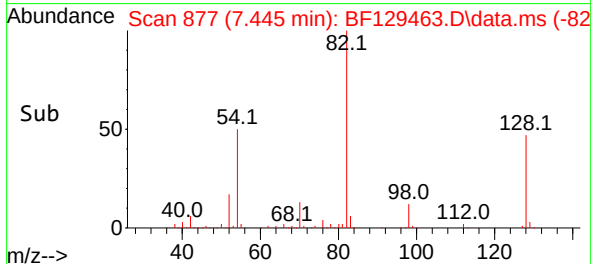
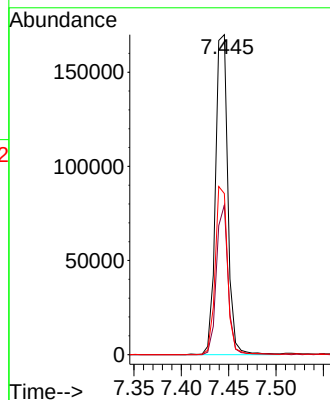
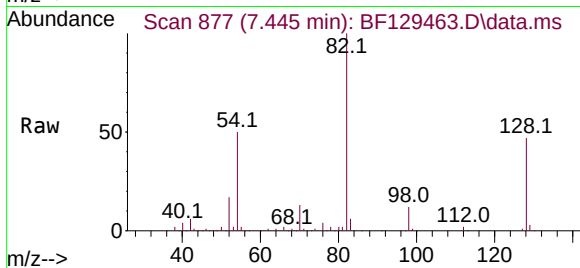
Tgt Ion: 82 Resp: 154501

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

54 50.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

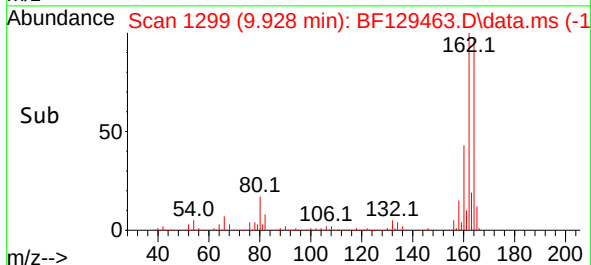
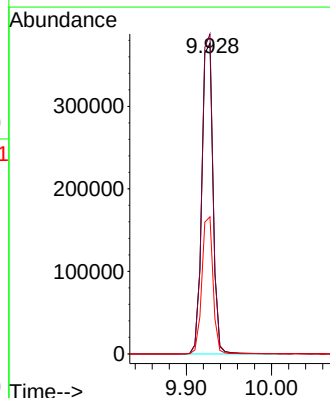
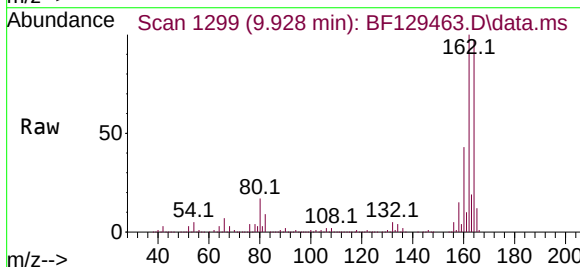
Tgt Ion: 164 Resp: 342721

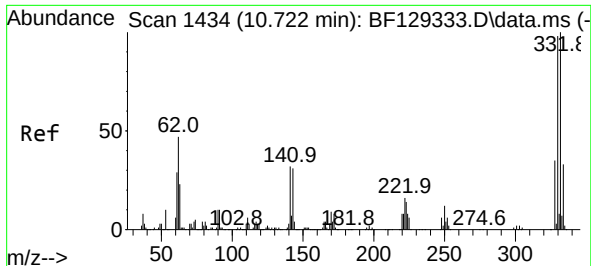
Ion Ratio Lower Upper

164 100

162 103.1 79.5 119.3

160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 14.121 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

Instrument :

BNA\_F

ClientSampleId :

RVE-53

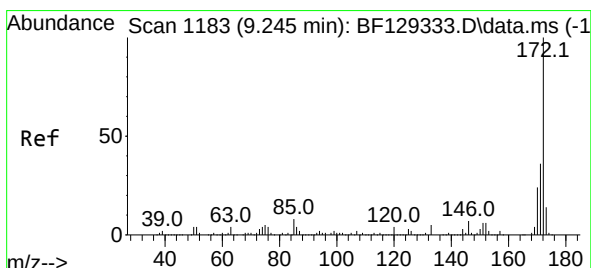
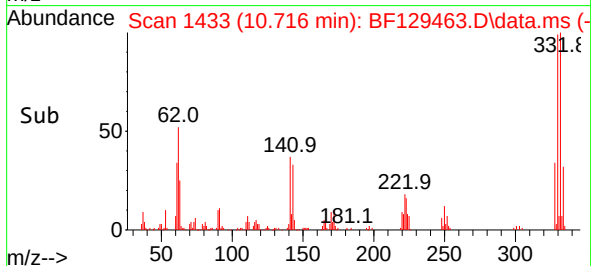
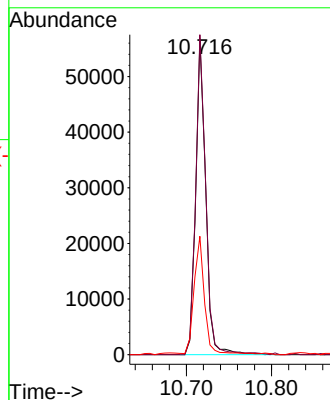
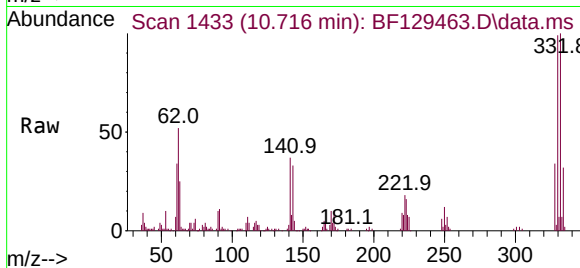
Tgt Ion:330 Resp: 46529

Ion Ratio Lower Upper

330 100

332 101.8 76.8 115.2

141 37.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 13.811 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

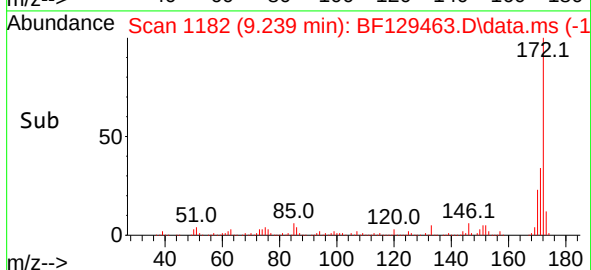
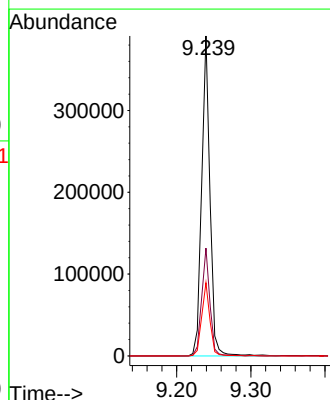
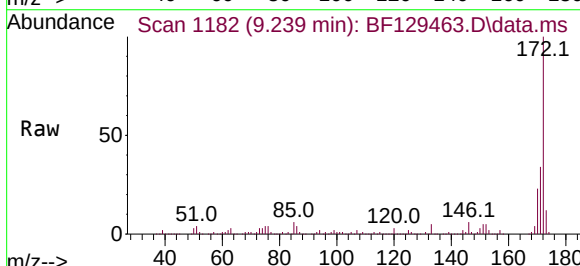
Tgt Ion:172 Resp: 305980

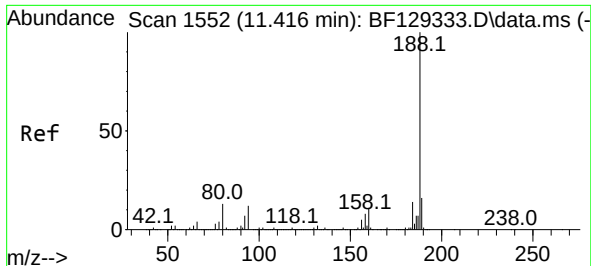
Ion Ratio Lower Upper

172 100

171 33.7 28.8 43.2

170 22.9 19.8 29.8

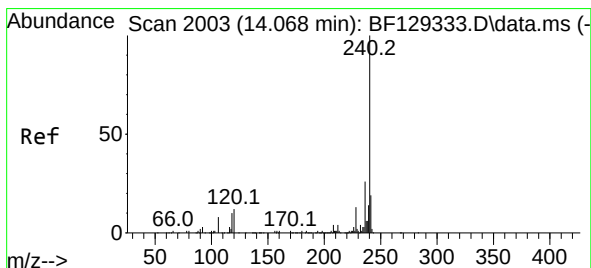
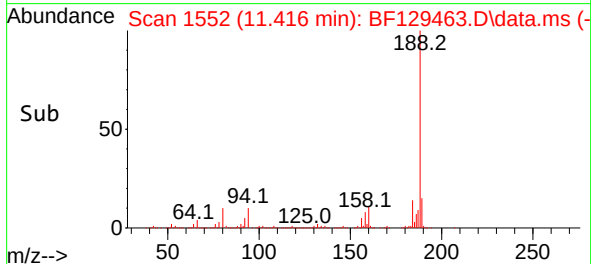
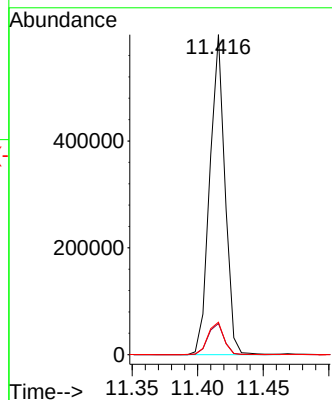
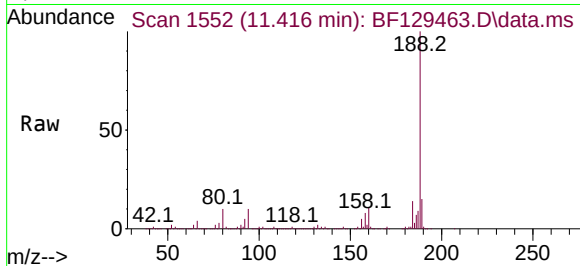




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF129463.D  
Acq: 30 Jul 2022 02:41

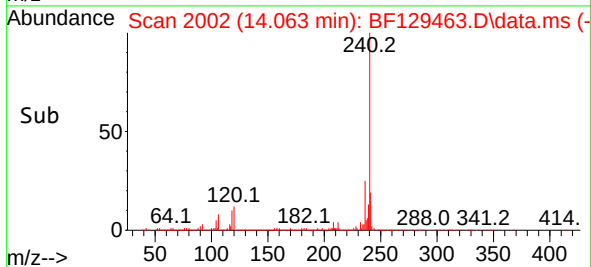
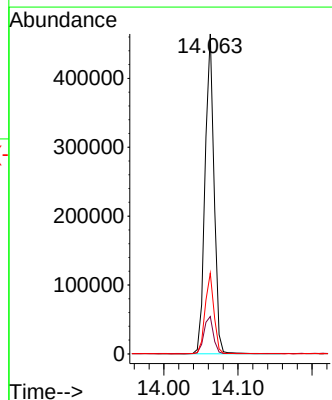
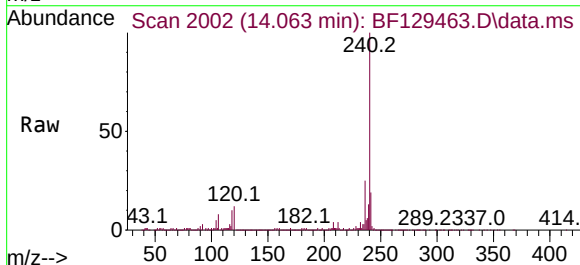
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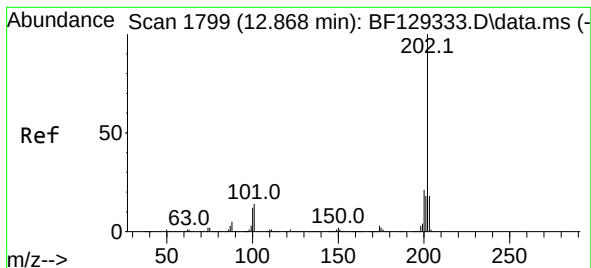
Tgt Ion:188 Resp: 482865  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.0 10.6  
80 10.1 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF129463.D  
Acq: 30 Jul 2022 02:41

Tgt Ion:240 Resp: 389742  
Ion Ratio Lower Upper  
240 100  
120 11.7 8.9 13.3  
236 25.2 20.8 31.2





#78

Pyrene

Concen: 2.750 ng

RT: 12.863 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

Instrument :

BNA\_F

ClientSampleId :

RVE-53

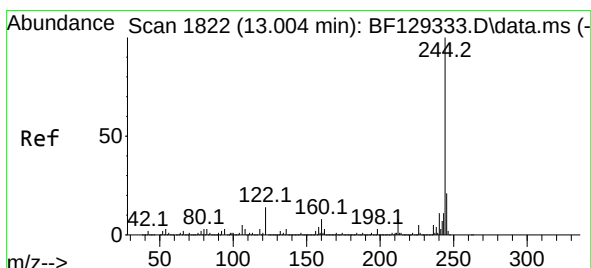
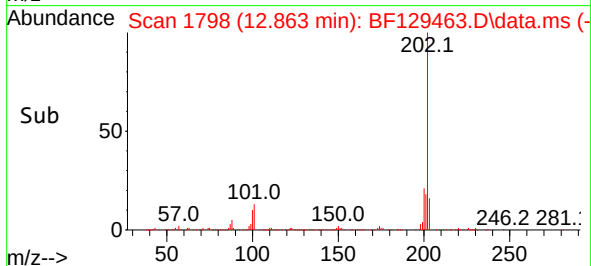
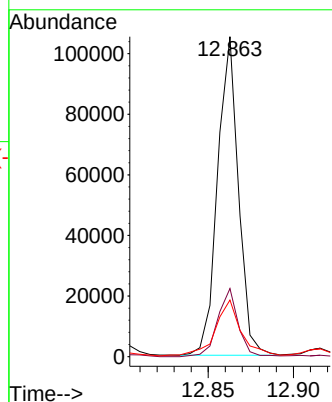
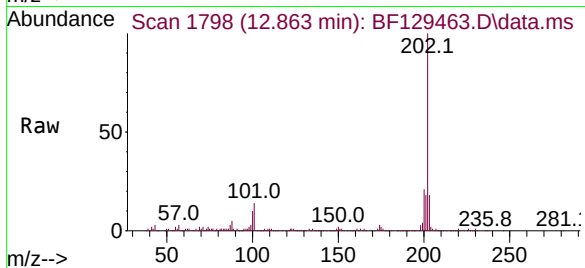
Tgt Ion:202 Resp: 89634

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

203 17.7 14.6 21.8



#79

Terphenyl-d14

Concen: 11.778 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF129463.D

Acq: 30 Jul 2022 02:41

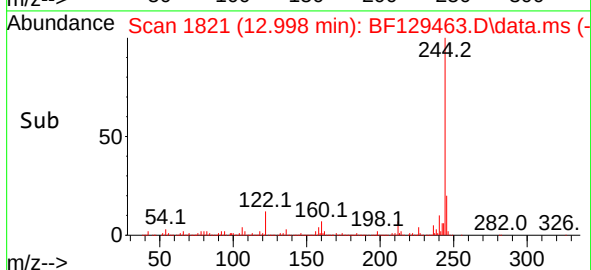
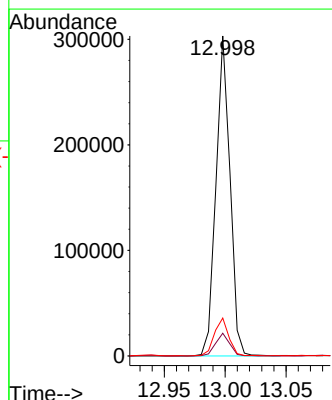
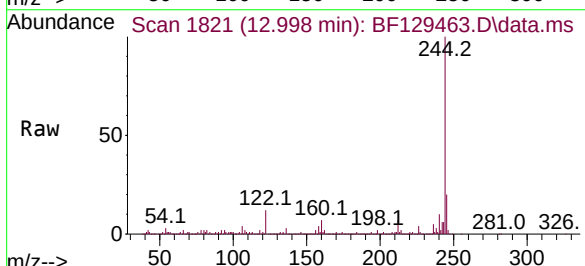
Tgt Ion:244 Resp: 243323

Ion Ratio Lower Upper

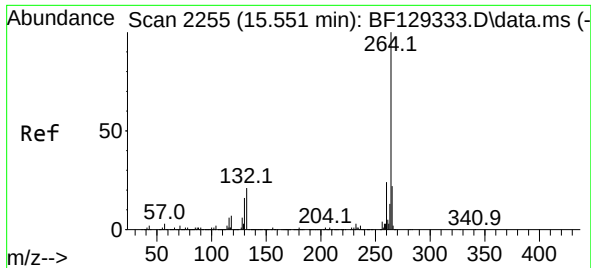
244 100

212 7.1 6.1 9.1

122 11.8 8.8 13.2







#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.557 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BF129463.D  
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Instrument :  
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Tgt Ion:264 Resp: 293249  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 18.4  | 27.6  |
| 265 | 21.2  | 17.2  | 25.8  |

