

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072722\  
 Data File : BF129386.D  
 Acq On : 27 Jul 2022 20:31  
 Operator : CG\JU  
 Sample : N3861-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17

Quant Time: Jul 28 01:32:10 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  | 252612   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 979941   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 494848   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 764416   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 443102   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.551 | 264  | 412964   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 904512   | 58.329  | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 681159   | 34.946  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 1669630  | 93.008  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 646278   | 135.841 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 2662307  | 83.227  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 2334890  | 99.412  | ng    | 0.00     |

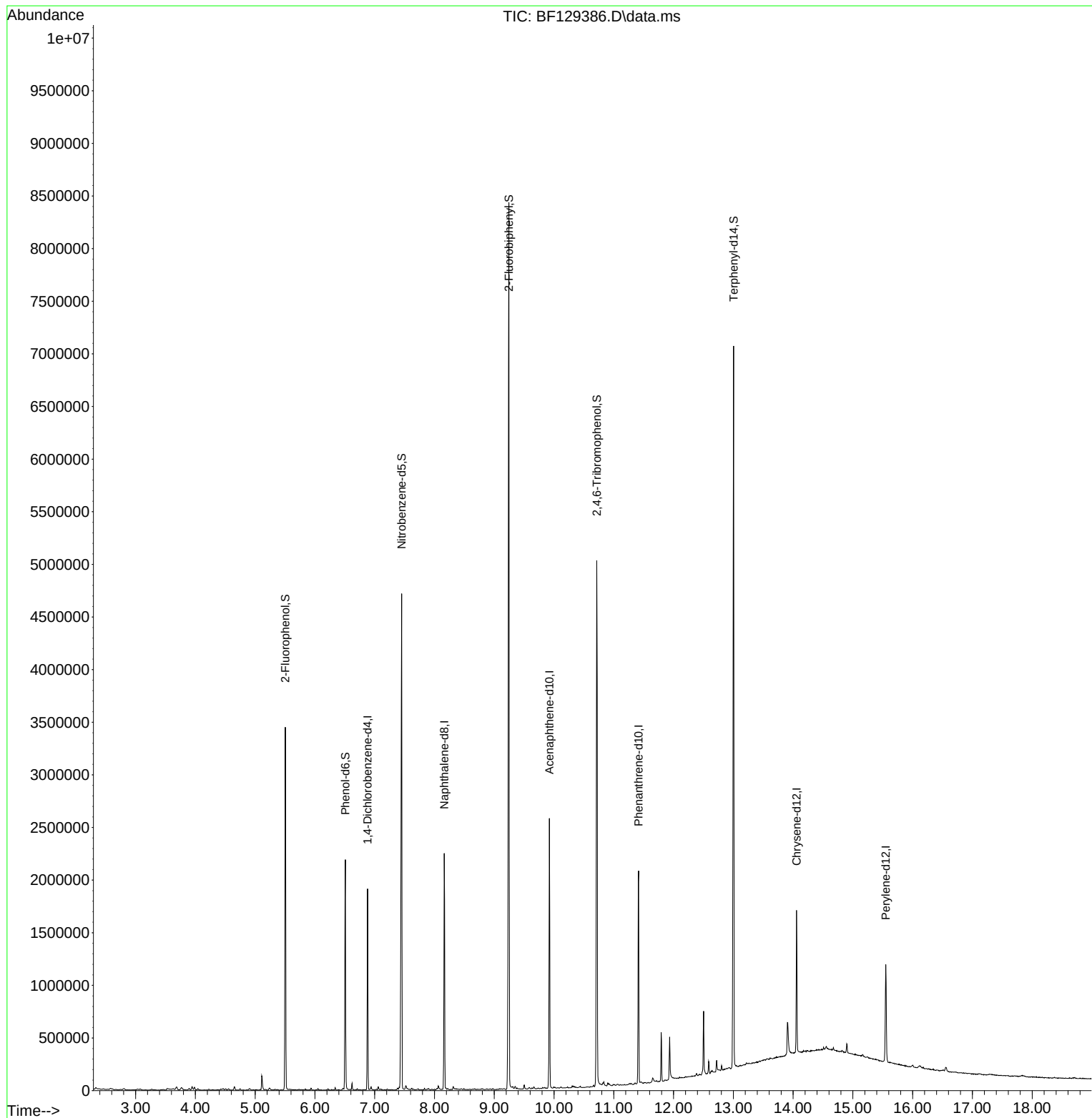
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

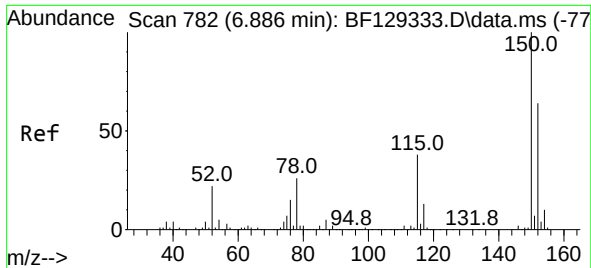
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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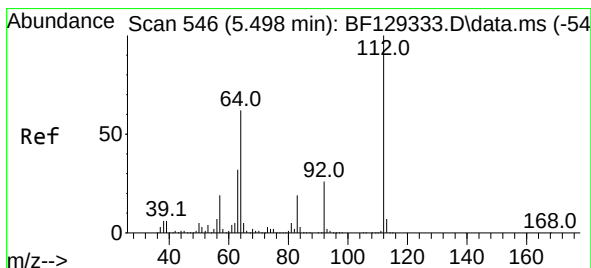
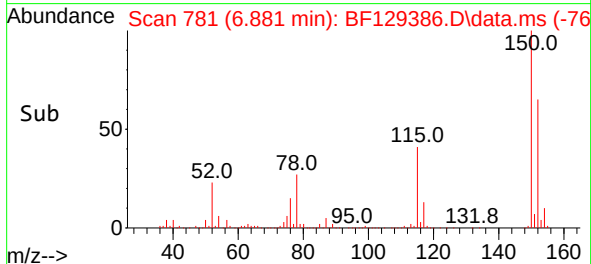
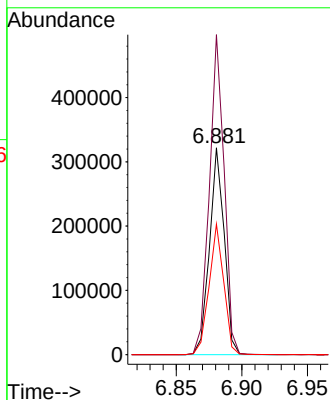
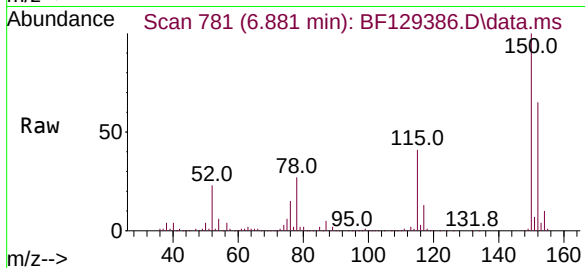




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 781  
 Delta R.T. -0.005 min  
 Lab File: BF129386.D  
 Acq: 27 Jul 2022 20:31

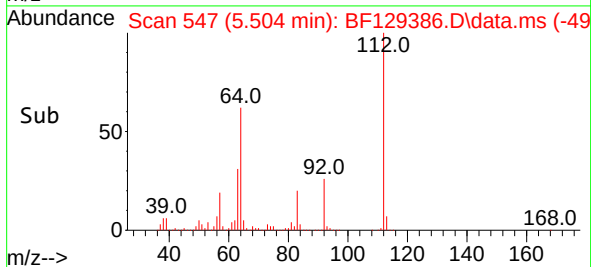
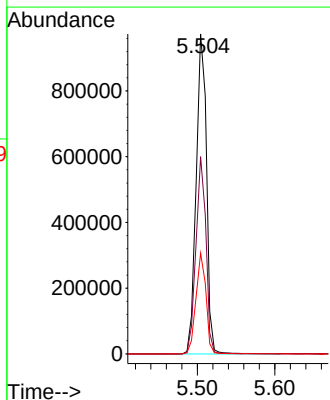
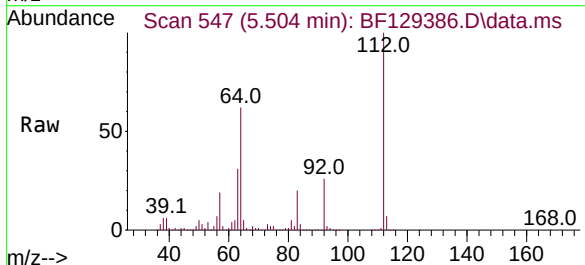
Instrument :  
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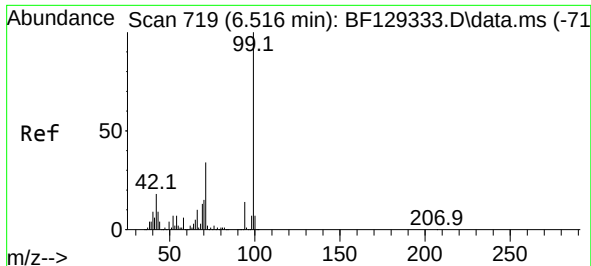
Tgt Ion:152 Resp: 252612  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 123.7 185.5  
 115 63.1 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 58.329 ng  
 RT: 5.504 min Scan# 547  
 Delta R.T. 0.006 min  
 Lab File: BF129386.D  
 Acq: 27 Jul 2022 20:31

Tgt Ion:112 Resp: 904512  
 Ion Ratio Lower Upper  
 112 100  
 64 61.6 53.3 79.9  
 63 31.5 28.0 42.0





#7

Phenol-d6

Concen: 34.946 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

Instrument :

BNA\_F

ClientSampleId :

MW-17

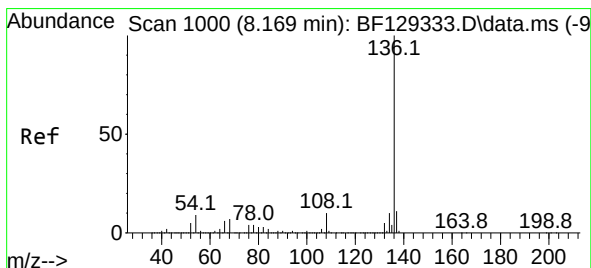
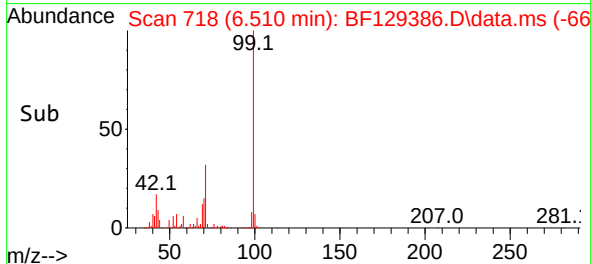
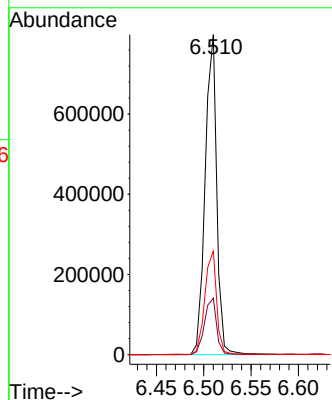
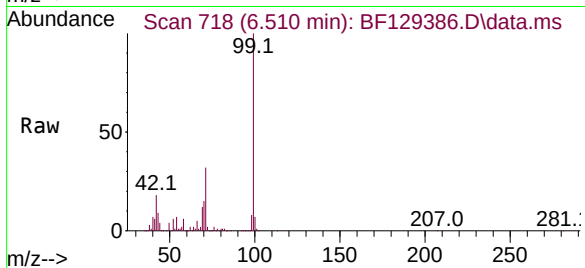
Tgt Ion: 99 Resp: 681159

Ion Ratio Lower Upper

99 100

42 17.6 17.3 25.9

71 32.4 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

Tgt Ion: 136 Resp: 979941

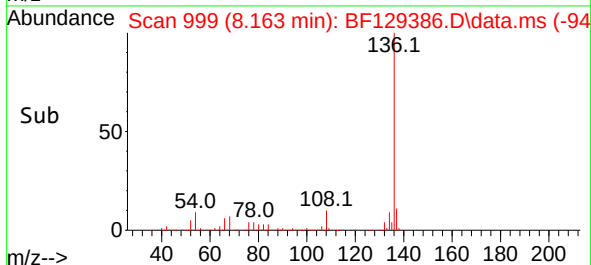
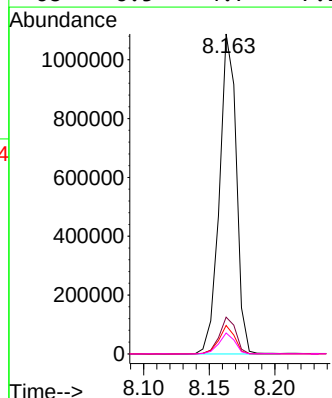
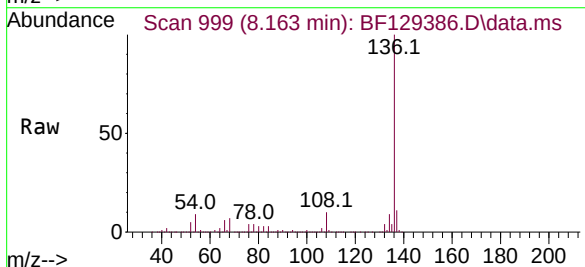
Ion Ratio Lower Upper

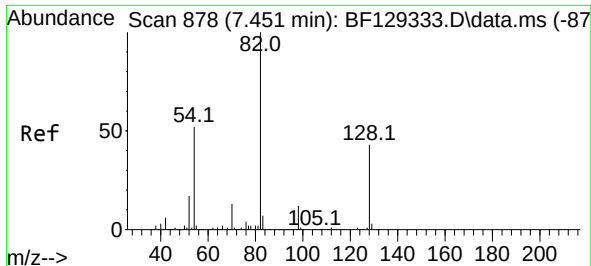
136 100

137 11.5 8.8 13.2

54 8.9 7.5 11.3

68 6.5 4.7 7.1

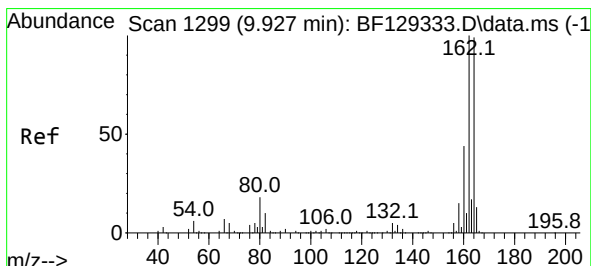
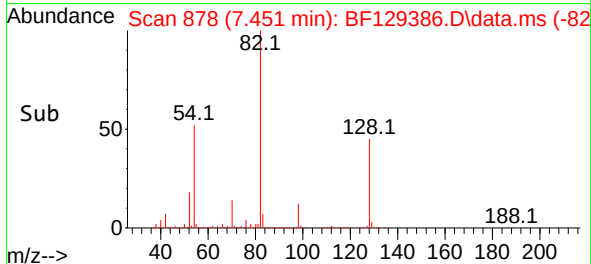
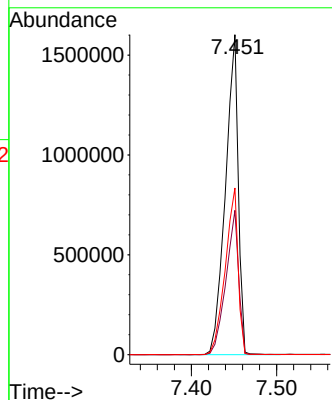
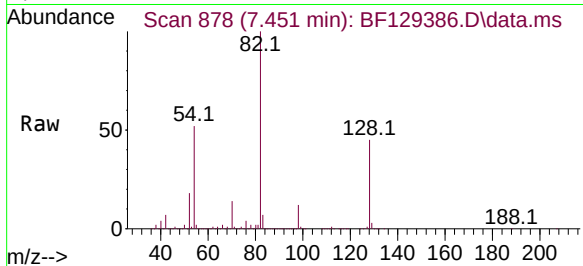




#23  
Nitrobenzene-d5  
Concen: 93.008 ng  
RT: 7.451 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF129386.D  
Acq: 27 Jul 2022 20:31

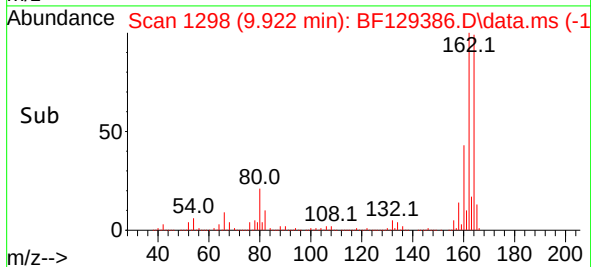
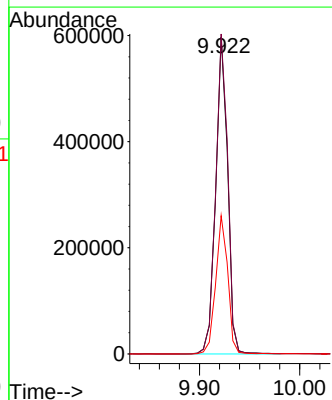
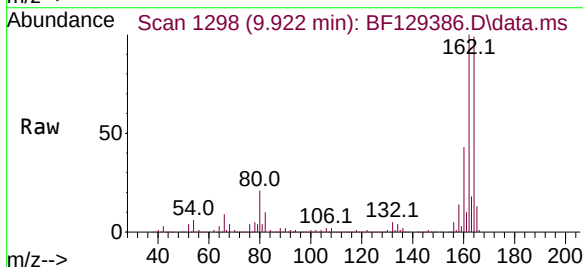
Instrument :  
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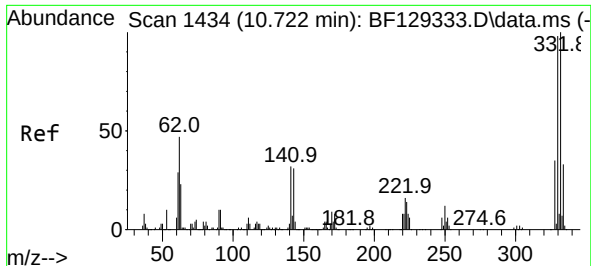
Tgt Ion: 82 Resp: 1669630  
Ion Ratio Lower Upper  
82 100  
128 45.1 34.0 51.0  
54 52.1 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.006 min  
Lab File: BF129386.D  
Acq: 27 Jul 2022 20:31

Tgt Ion:164 Resp: 494848  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.5 119.3  
160 43.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 135.841 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

Instrument :

BNA\_F

ClientSampleId :

MW-17

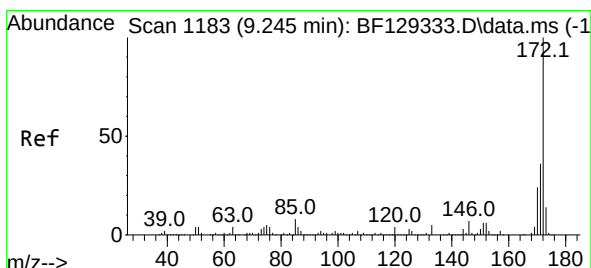
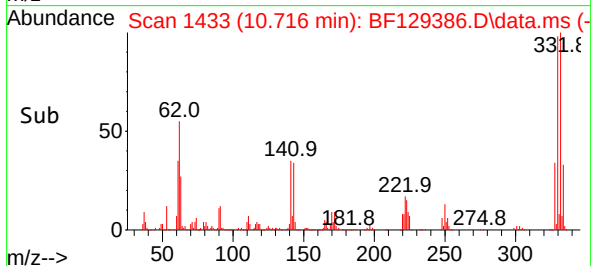
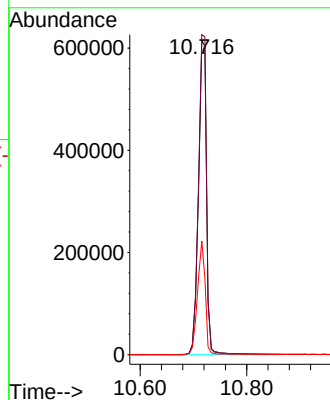
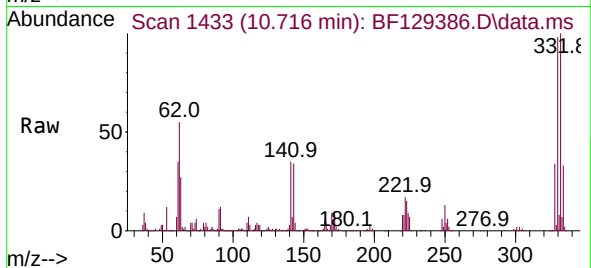
Tgt Ion:330 Resp: 646278

Ion Ratio Lower Upper

330 100

332 102.6 76.8 115.2

141 34.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.227 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129386.D

Acq: 27 Jul 2022 20:31

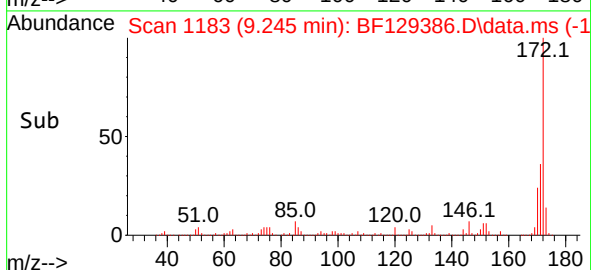
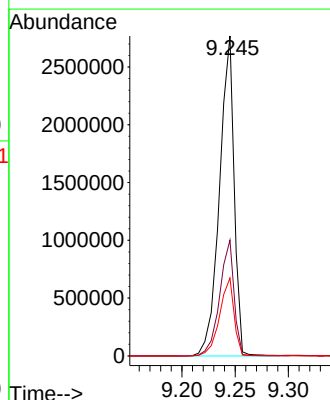
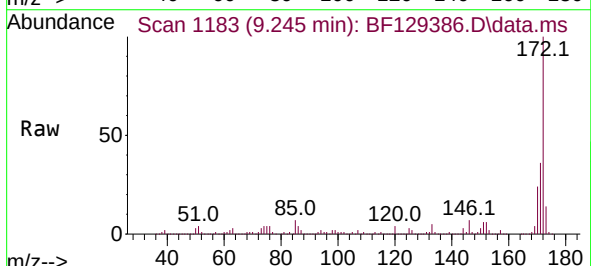
Tgt Ion:172 Resp: 2662307

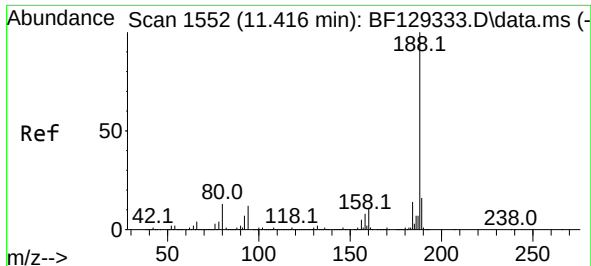
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.3 19.8 29.8

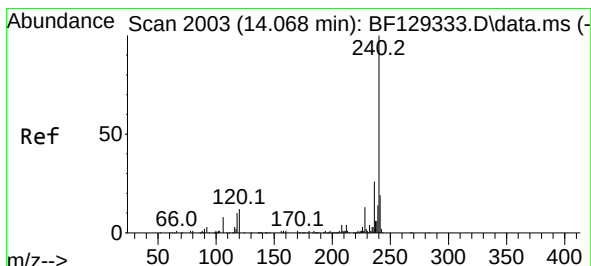
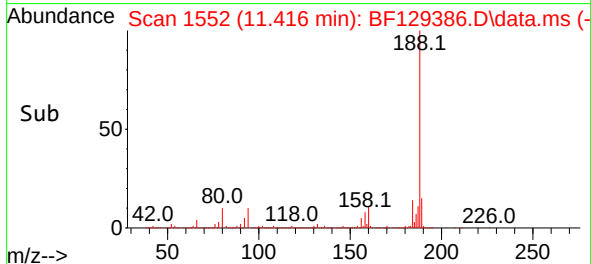
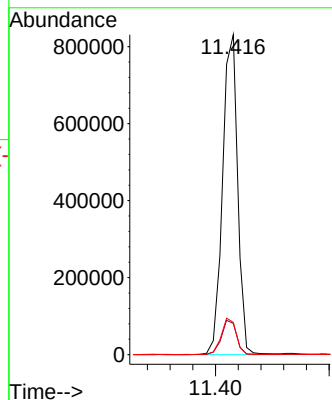
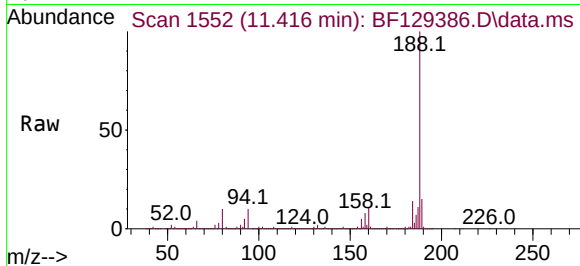




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF129386.D  
Acq: 27 Jul 2022 20:31

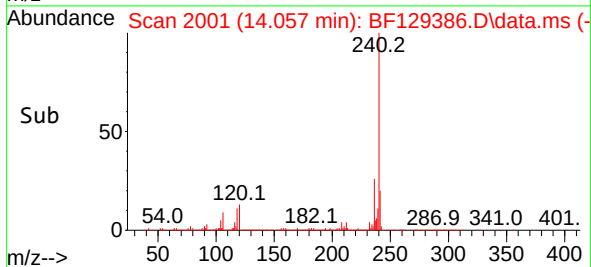
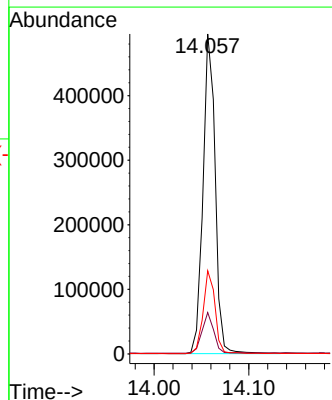
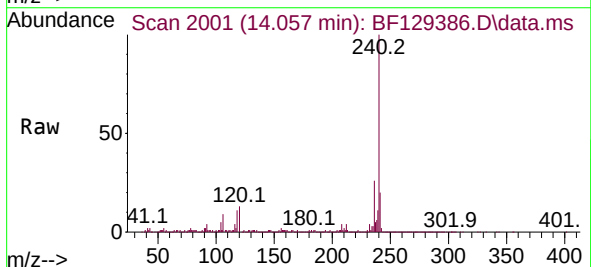
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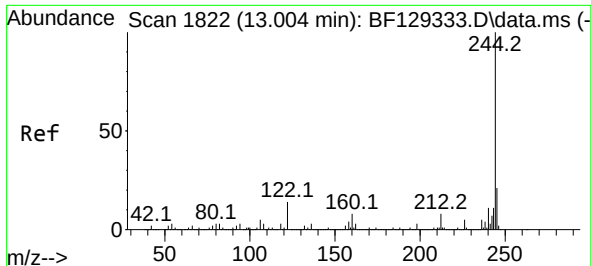
Tgt Ion:188 Resp: 764416  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.0 10.6  
80 10.1 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. -0.012 min  
Lab File: BF129386.D  
Acq: 27 Jul 2022 20:31

Tgt Ion:240 Resp: 443102  
Ion Ratio Lower Upper  
240 100  
120 13.0 8.9 13.3  
236 26.0 20.8 31.2

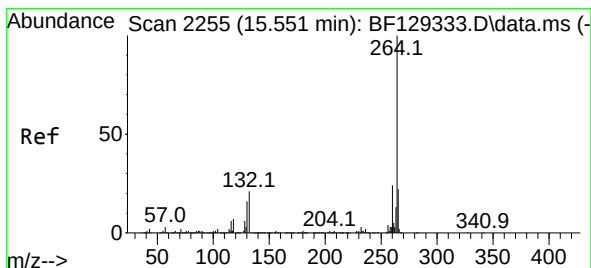
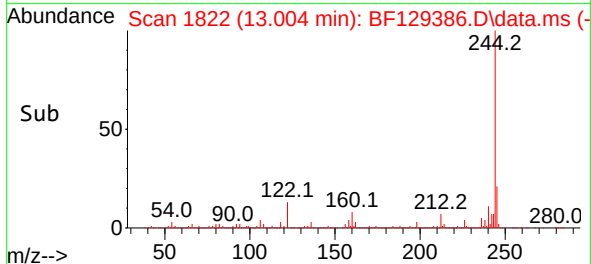
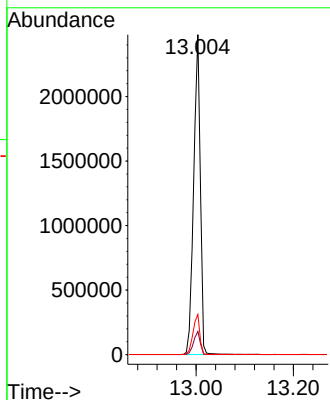
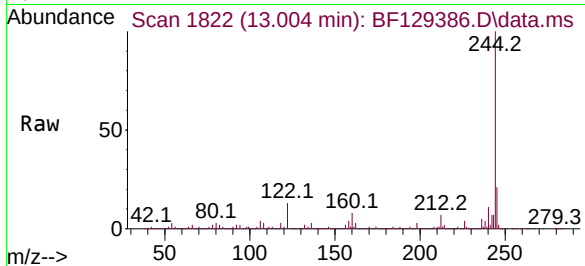




#79  
 Terphenyl-d14  
 Concen: 99.412 ng  
 RT: 13.004 min Scan# 1822  
 Delta R.T. -0.000 min  
 Lab File: BF129386.D  
 Acq: 27 Jul 2022 20:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-17

Tgt Ion:244 Resp: 2334890  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.1 9.1  
 122 12.6 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 2255  
 Delta R.T. -0.000 min  
 Lab File: BF129386.D  
 Acq: 27 Jul 2022 20:31

Tgt Ion:264 Resp: 412964  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.4 27.6  
 265 20.9 17.2 25.8

