

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071522\  
 Data File : BF129242.D  
 Acq On : 15 Jul 2022 17:10  
 Operator : CG\JU  
 Sample : N3649-06  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-2-UC

Quant Time: Jul 16 01:41:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 15 12:55:49 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 237066   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.180  | 136  | 966553   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.933  | 164  | 510858   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.421 | 188  | 869031   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.068 | 240  | 634224   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.556 | 264  | 480426   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 1521679  | 102.512 | ng    | 0.00     |
| 7) Phenol-d6                | 6.522  | 99   | 1940749  | 101.088 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 1201367  | 66.441  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 446987   | 94.269  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 2040740  | 67.679  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 2054394  | 60.596  | ng    | 0.00     |

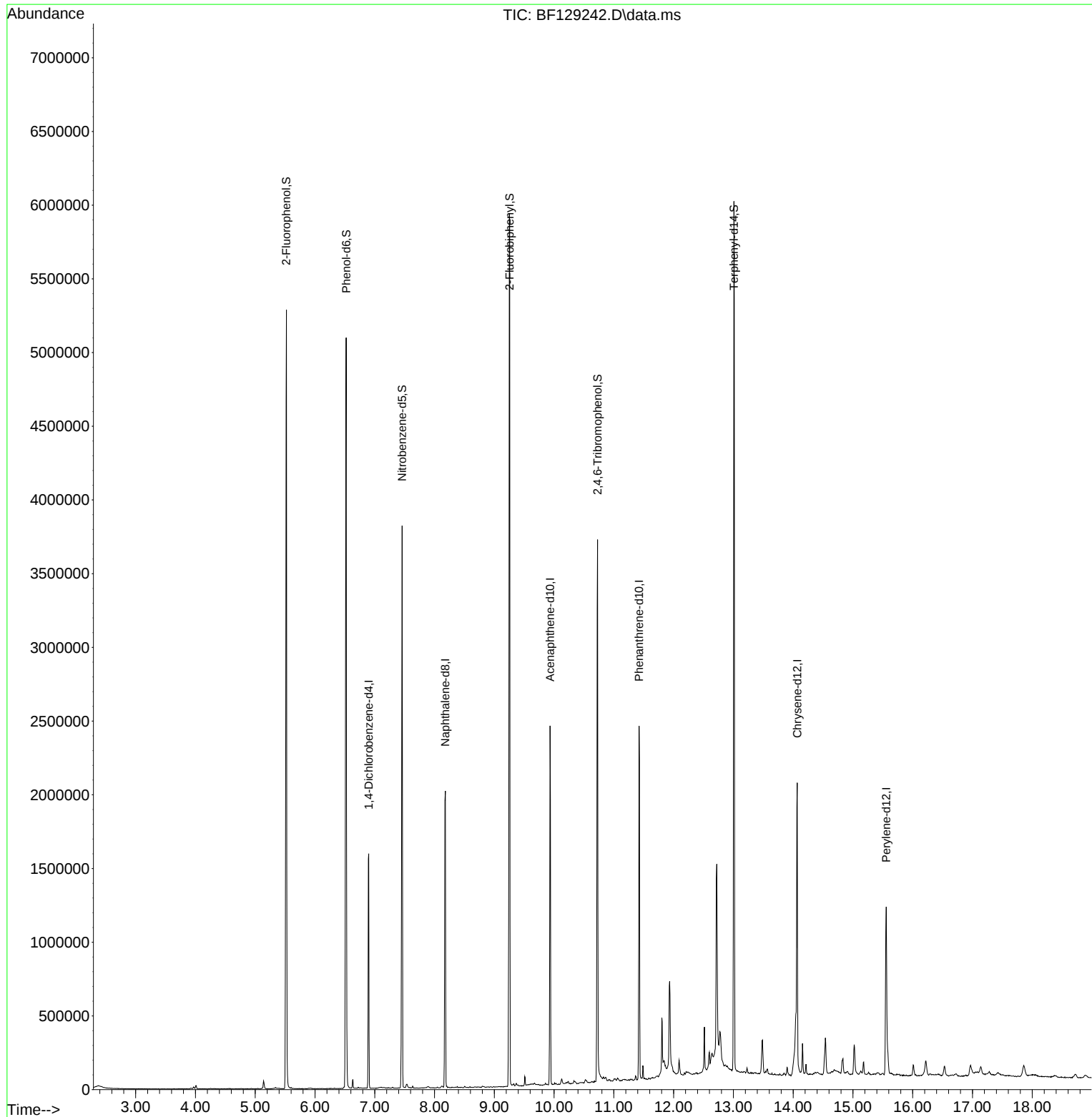
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

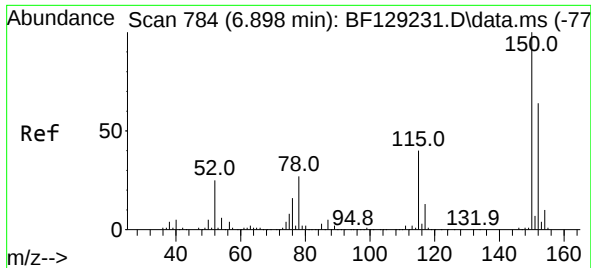
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 15 12:55:49 2022  
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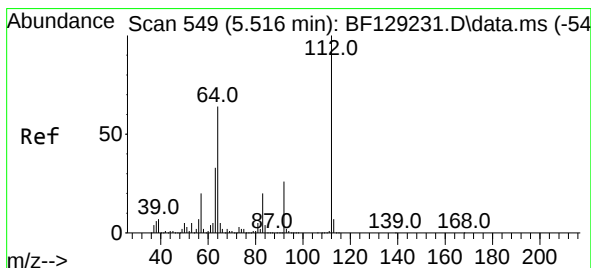
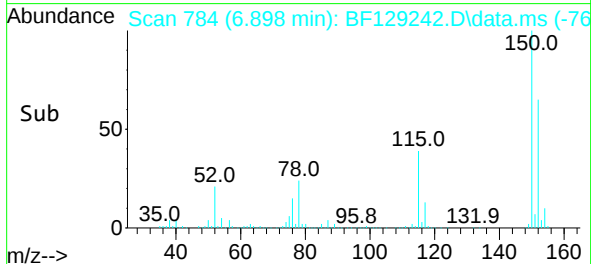
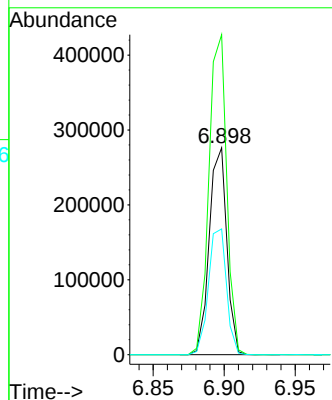
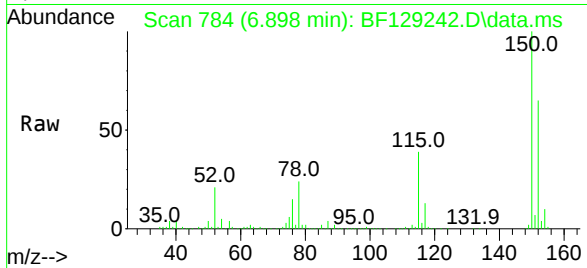




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF129242.D  
 Acq: 15 Jul 2022 17:10

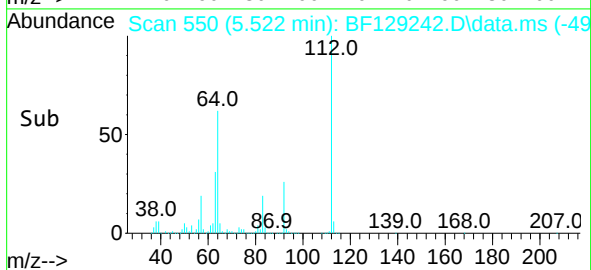
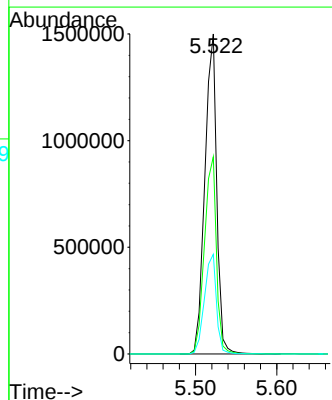
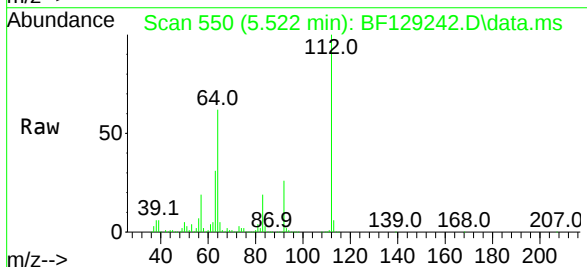
Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-2-UC

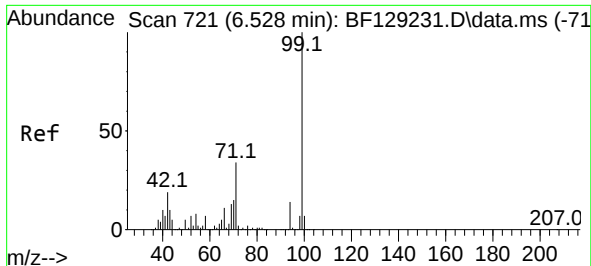
Tgt Ion:152 Resp: 237066  
 Ion Ratio Lower Upper  
 152 100  
 150 154.7 123.7 185.5  
 115 60.8 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 102.512 ng  
 RT: 5.522 min Scan# 550  
 Delta R.T. 0.006 min  
 Lab File: BF129242.D  
 Acq: 15 Jul 2022 17:10

Tgt Ion:112 Resp: 1521679  
 Ion Ratio Lower Upper  
 112 100  
 64 61.6 53.3 79.9  
 63 31.1 28.0 42.0

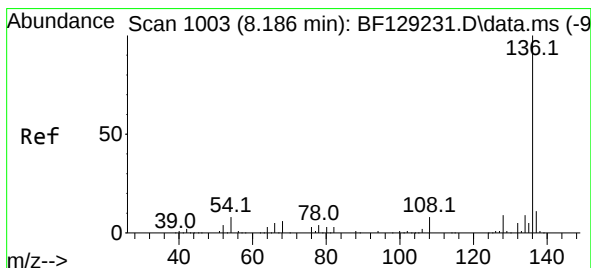
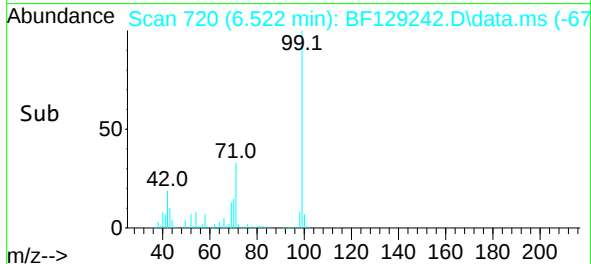
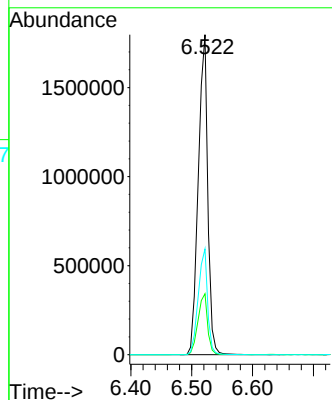
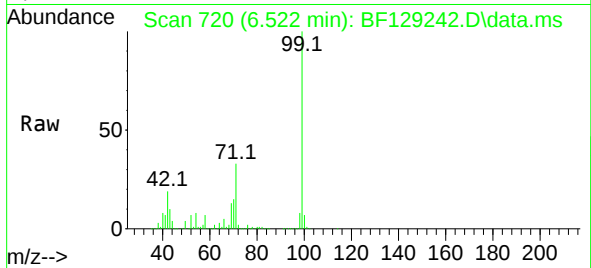




#7  
Phenol-d6  
Concen: 101.088 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF129242.D  
Acq: 15 Jul 2022 17:10

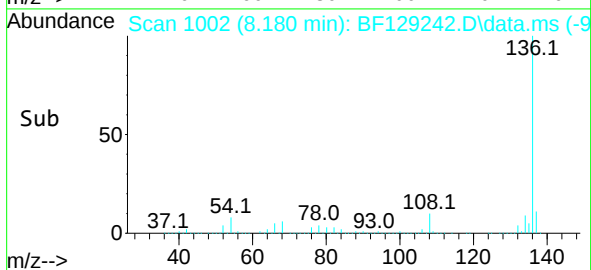
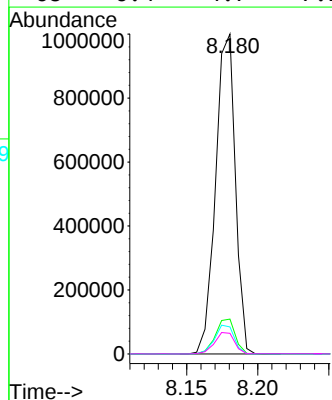
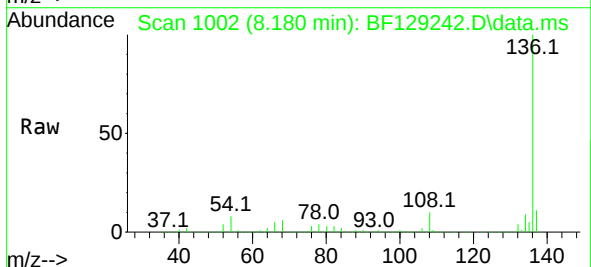
Instrument :  
BNA\_F  
ClientSampleId :  
A-2-UC

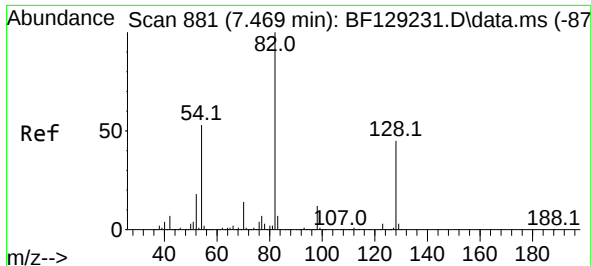
Tgt Ion: 99 Resp: 1940749  
Ion Ratio Lower Upper  
99 100  
42 19.1 17.3 25.9  
71 33.0 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.180 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BF129242.D  
Acq: 15 Jul 2022 17:10

Tgt Ion: 136 Resp: 966553  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 8.5 7.5 11.3  
68 6.4 4.7 7.1

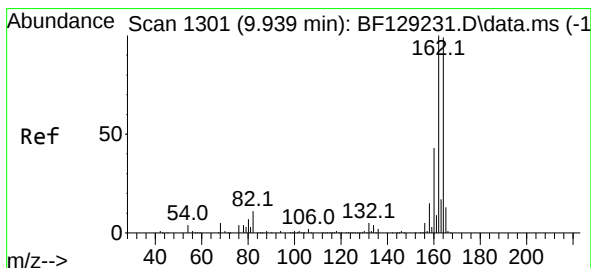
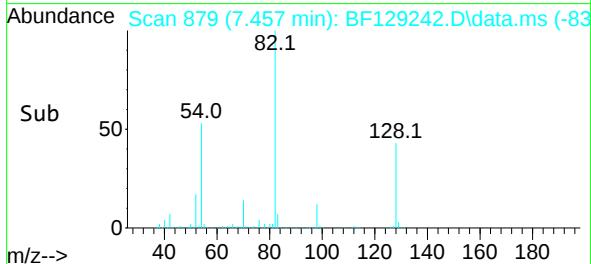
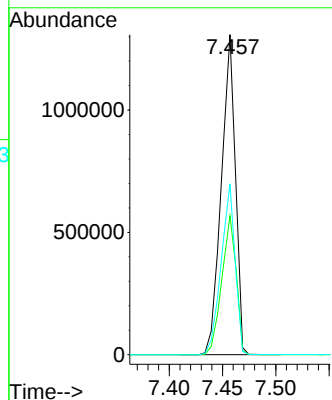
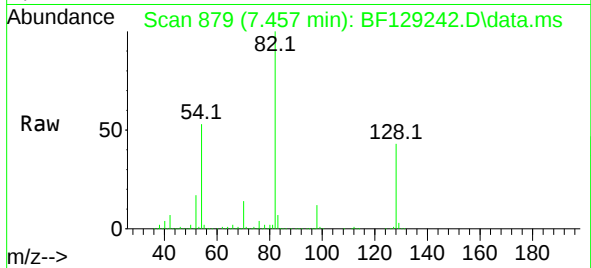




#23  
Nitrobenzene-d5  
Concen: 66.441 ng  
RT: 7.457 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF129242.D  
Acq: 15 Jul 2022 17:10

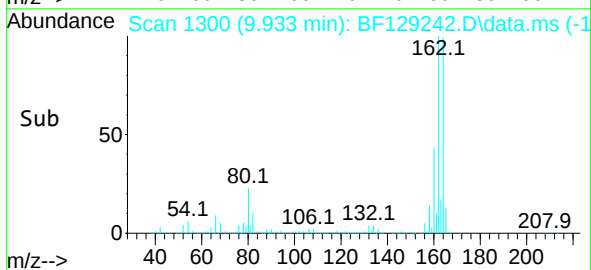
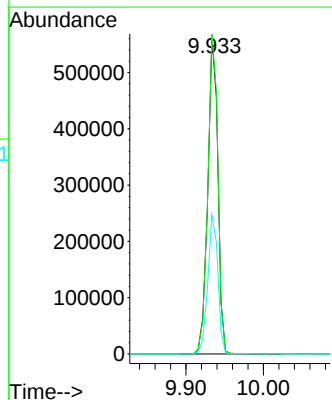
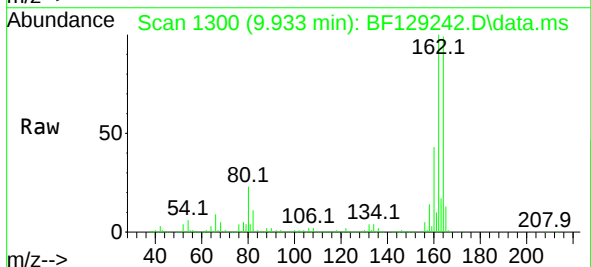
Instrument :  
BNA\_F  
ClientSampleId :  
A-2-UC

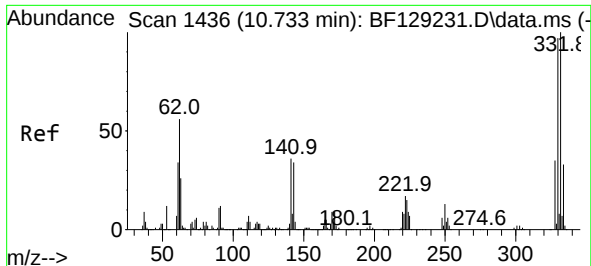
Tgt Ion: 82 Resp: 1201367  
Ion Ratio Lower Upper  
82 100  
128 43.4 34.0 51.0  
54 53.4 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1300  
Delta R.T. -0.006 min  
Lab File: BF129242.D  
Acq: 15 Jul 2022 17:10

Tgt Ion: 164 Resp: 510858  
Ion Ratio Lower Upper  
164 100  
162 100.9 79.5 119.3  
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 94.269 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129242.D

Acq: 15 Jul 2022 17:10

Instrument :

BNA\_F

ClientSampleId :

A-2-UC

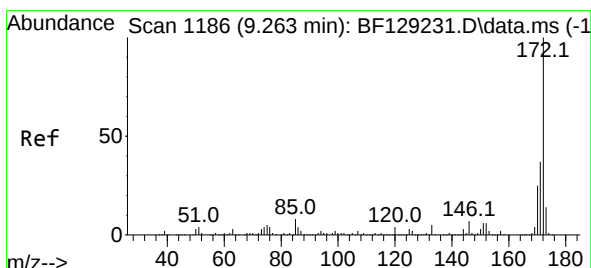
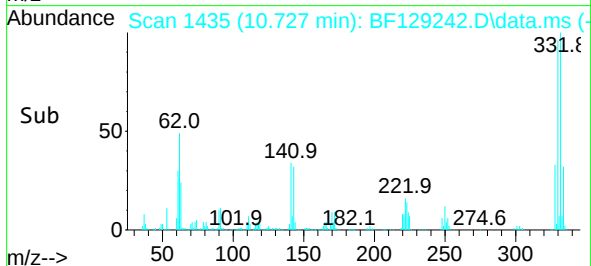
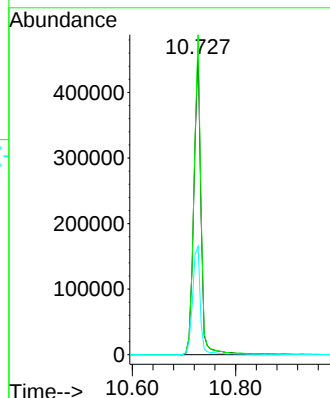
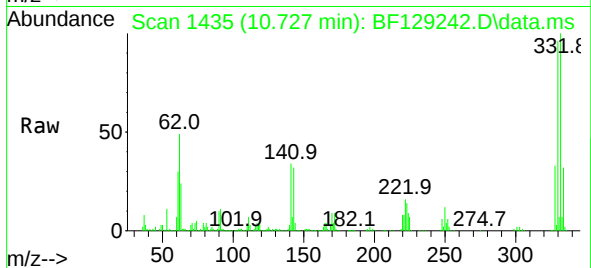
Tgt Ion:330 Resp: 446987

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 39.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.679 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129242.D

Acq: 15 Jul 2022 17:10

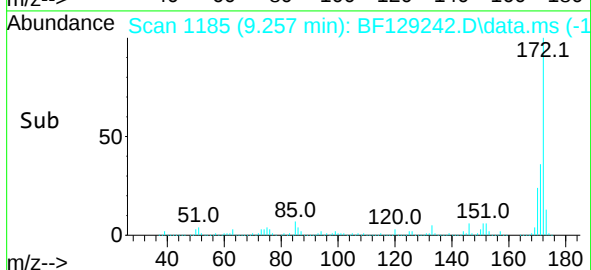
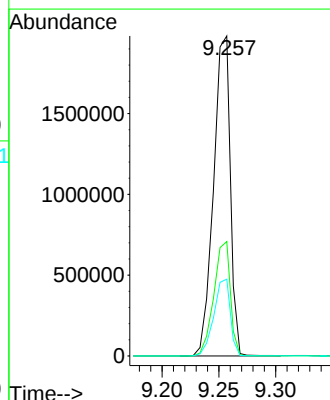
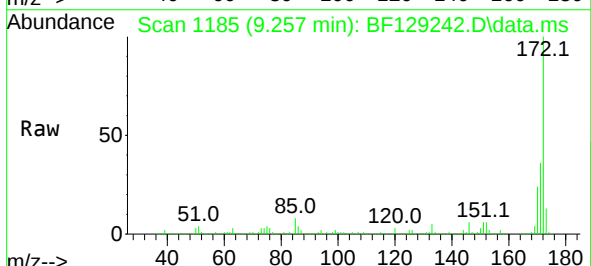
Tgt Ion:172 Resp: 2040740

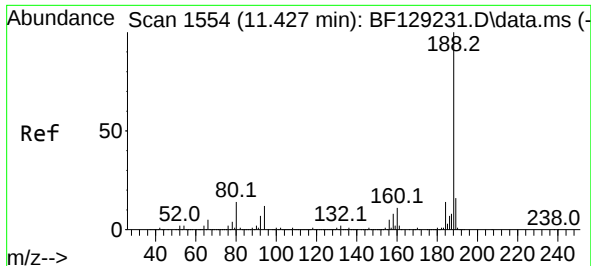
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.0 19.8 29.8

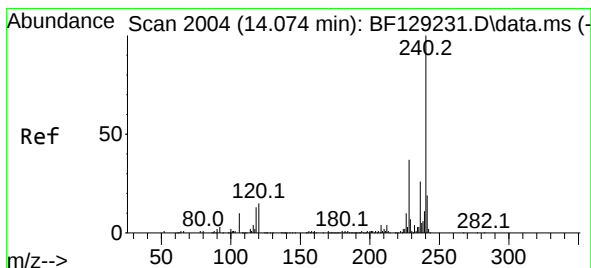
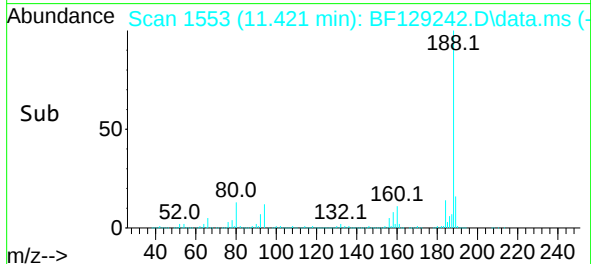
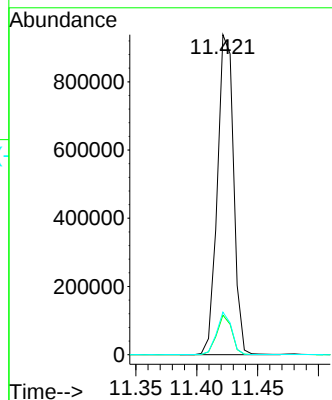
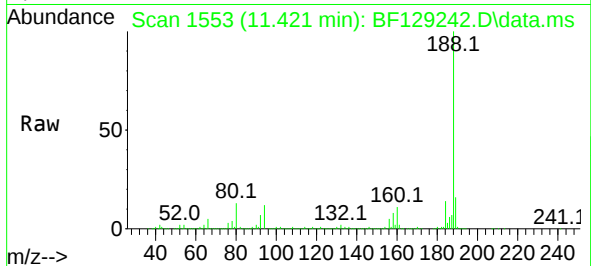




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.421 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF129242.D  
Acq: 15 Jul 2022 17:10

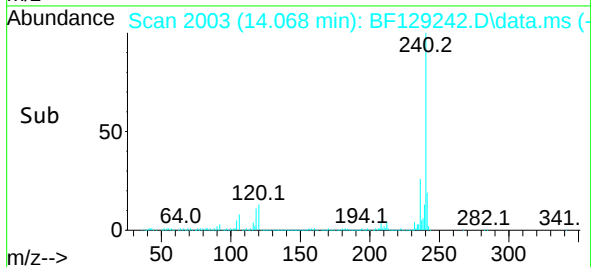
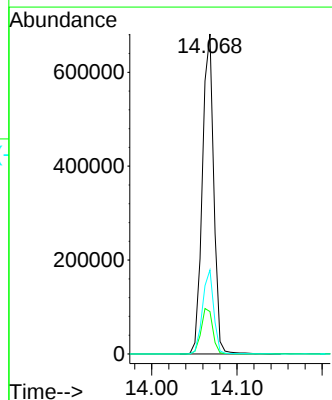
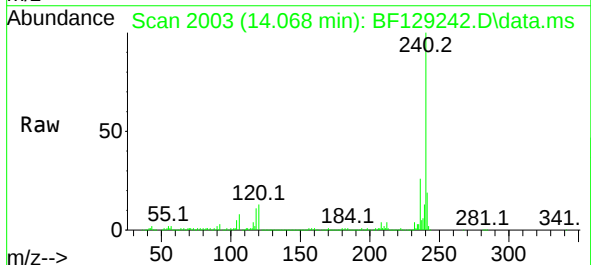
Instrument :  
BNA\_F  
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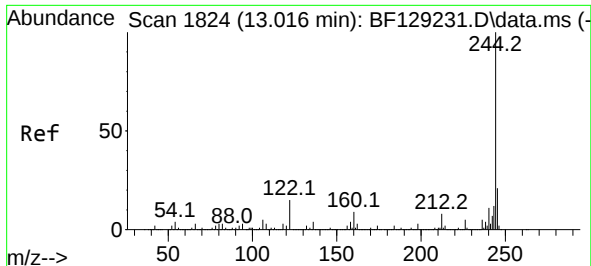
Tgt Ion:188 Resp: 869031  
Ion Ratio Lower Upper  
188 100  
94 12.3 7.0 10.6#  
80 13.3 7.6 11.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: BF129242.D  
Acq: 15 Jul 2022 17:10

Tgt Ion:240 Resp: 634224  
Ion Ratio Lower Upper  
240 100  
120 13.3 8.9 13.3  
236 26.3 20.8 31.2

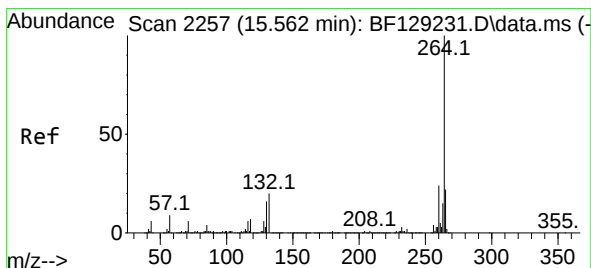
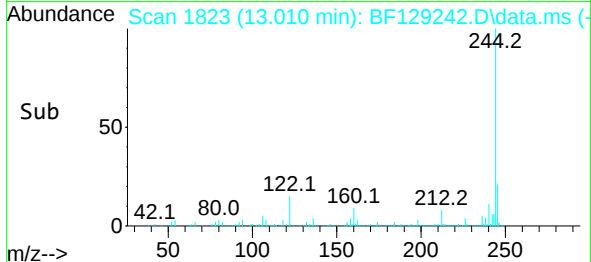
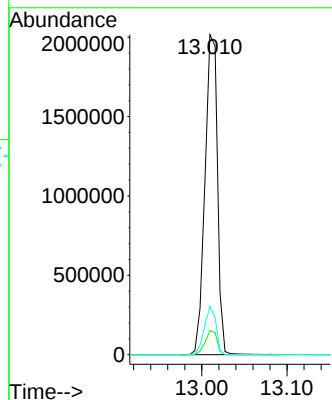
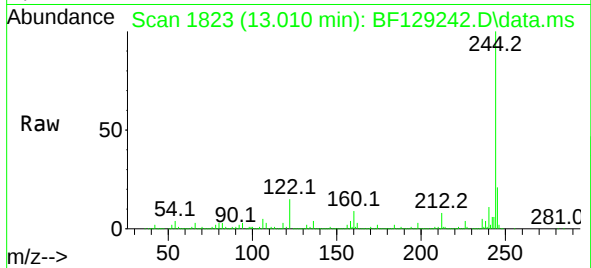




#79  
 Terphenyl-d14  
 Concen: 60.596 ng  
 RT: 13.010 min Scan# 1823  
 Delta R.T. -0.006 min  
 Lab File: BF129242.D  
 Acq: 15 Jul 2022 17:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A-2-UC

Tgt Ion:244 Resp: 2054394  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.1 9.1  
 122 15.1 8.8 13.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.556 min Scan# 2256  
 Delta R.T. -0.006 min  
 Lab File: BF129242.D  
 Acq: 15 Jul 2022 17:10

Tgt Ion:264 Resp: 480426  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 18.4 27.6  
 265 21.0 17.2 25.8

