

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071822\  
 Data File : BF129271.D  
 Acq On : 18 Jul 2022 17:01  
 Operator : CG\JU  
 Sample : N3731-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

Quant Time: Jul 19 02:42:41 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  | 242117   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.180  | 136  | 963546   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.939  | 164  | 498971   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.427 | 188  | 784227   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.074 | 240  | 458878   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.568 | 264  | 500722   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.539  | 112  | 1831822  | 120.831 | ng    | 0.02     |
| 7) Phenol-d6                | 6.534  | 99   | 2097423  | 106.970 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 1649900  | 91.531  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.733 | 330  | 652299   | 140.846 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 2737636  | 92.953  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 2385704  | 97.257  | ng    | 0.00     |

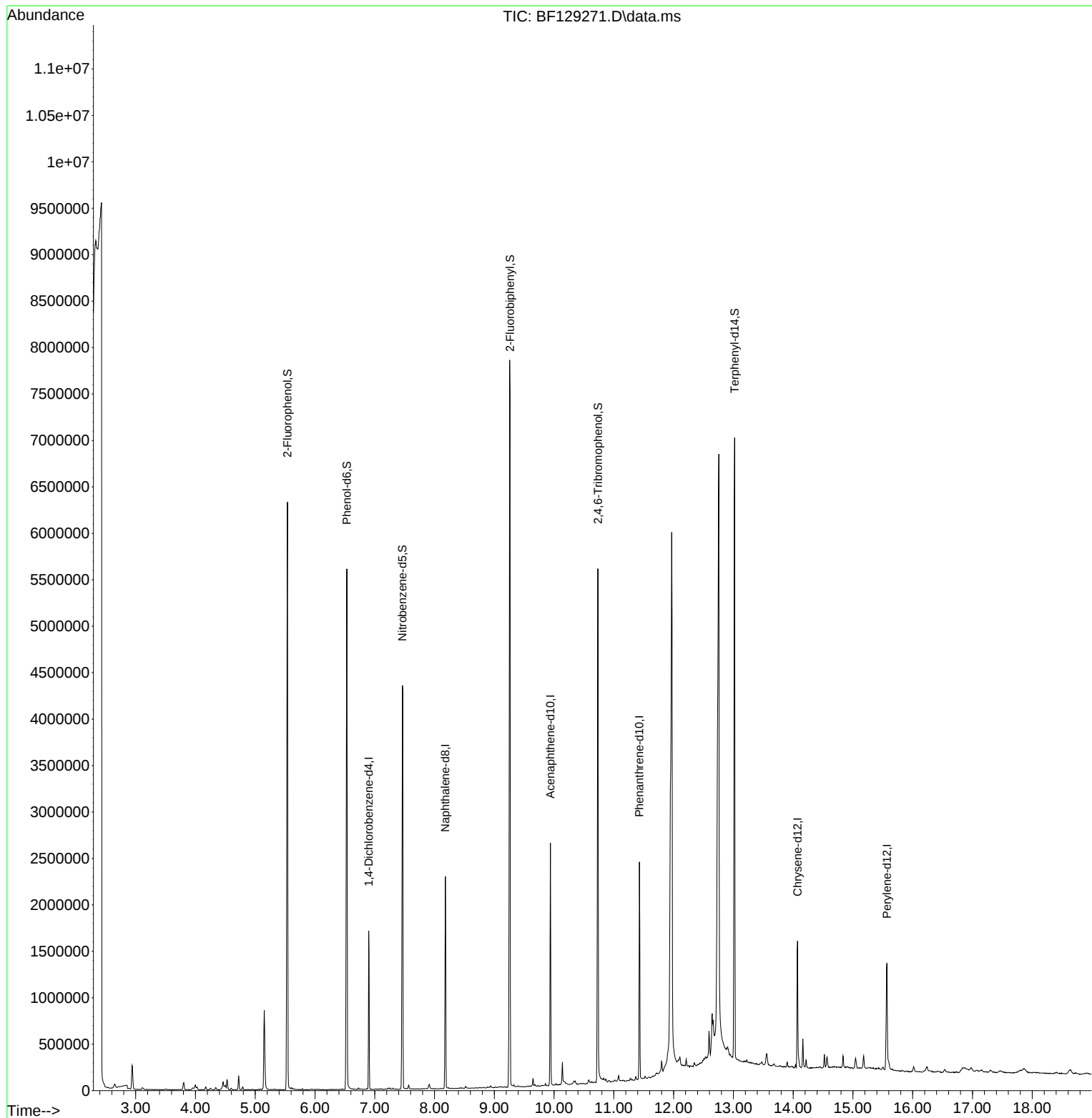
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

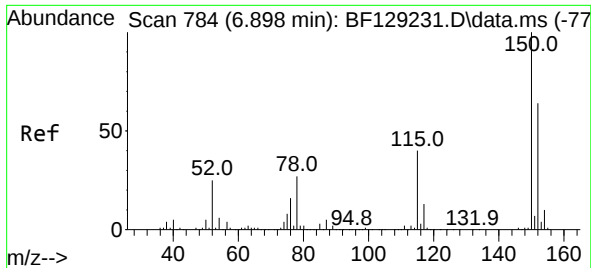
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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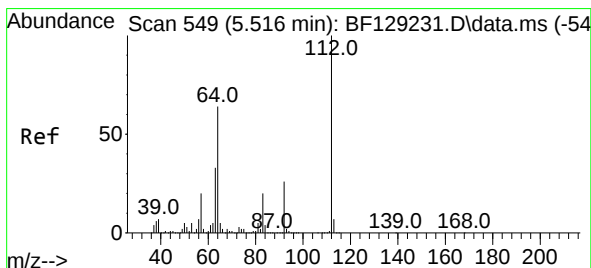
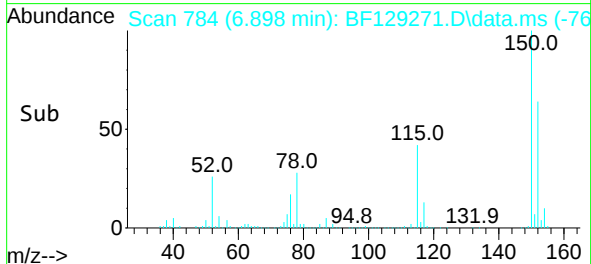
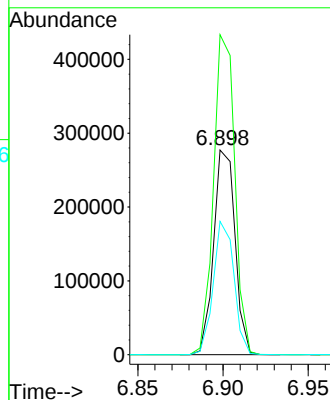
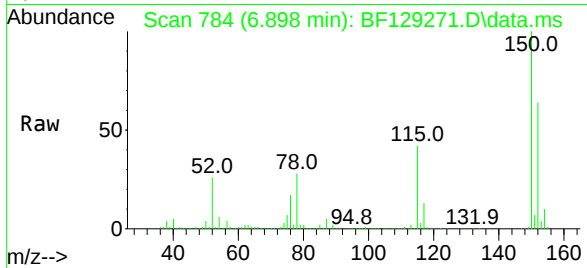




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.898 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF129271.D  
 Acq: 18 Jul 2022 17:01

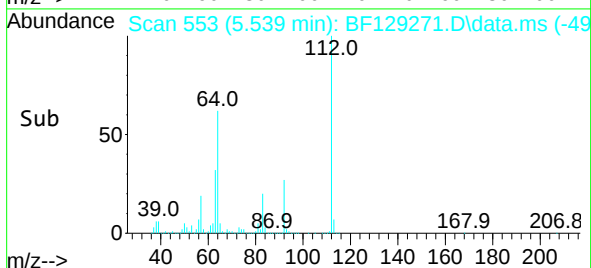
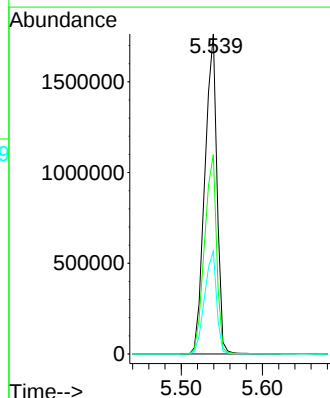
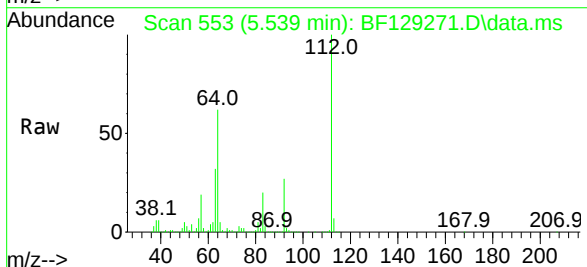
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-2

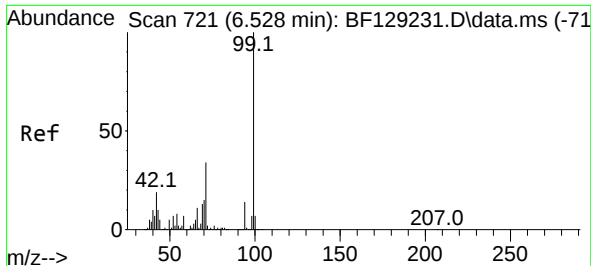
Tgt Ion:152 Resp: 242117  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 123.7 185.5  
 115 65.1 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 120.831 ng  
 RT: 5.539 min Scan# 553  
 Delta R.T. 0.023 min  
 Lab File: BF129271.D  
 Acq: 18 Jul 2022 17:01

Tgt Ion:112 Resp: 1831822  
 Ion Ratio Lower Upper  
 112 100  
 64 62.3 53.3 79.9  
 63 32.2 28.0 42.0

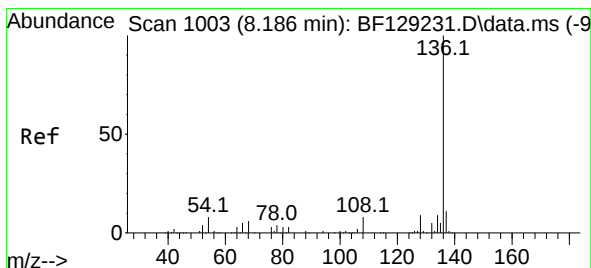
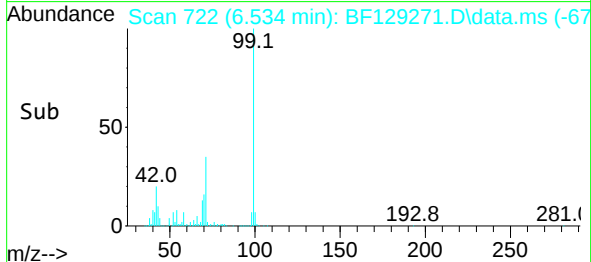
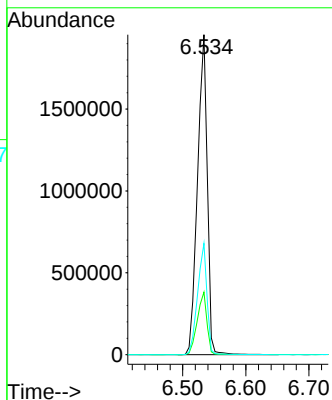
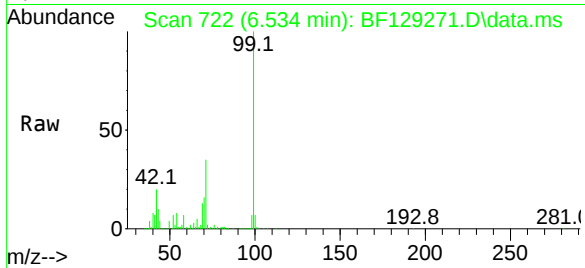




#7  
Phenol-d6  
Concen: 106.970 ng  
RT: 6.534 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF129271.D  
Acq: 18 Jul 2022 17:01

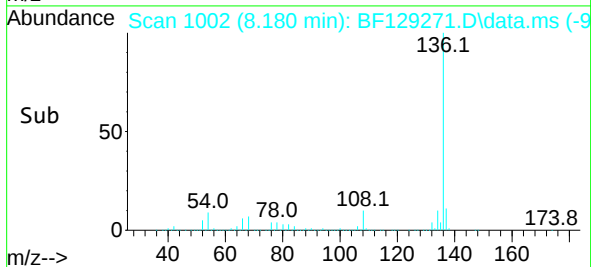
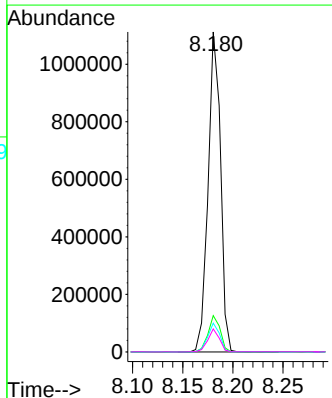
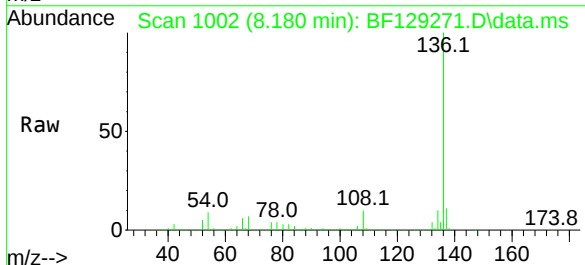
Instrument :  
BNA\_F  
ClientSampleId :  
TP-2

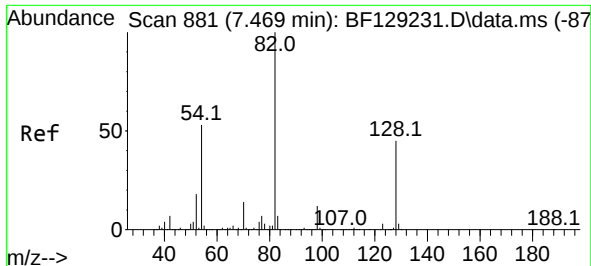
Tgt Ion: 99 Resp: 2097423  
Ion Ratio Lower Upper  
99 100  
42 19.5 17.3 25.9  
71 34.8 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.180 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BF129271.D  
Acq: 18 Jul 2022 17:01

Tgt Ion: 136 Resp: 963546  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 9.0 7.5 11.3  
68 7.2 4.7 7.1#

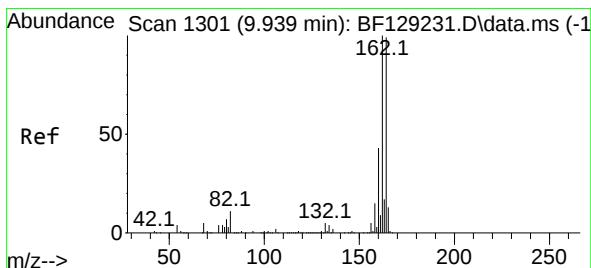
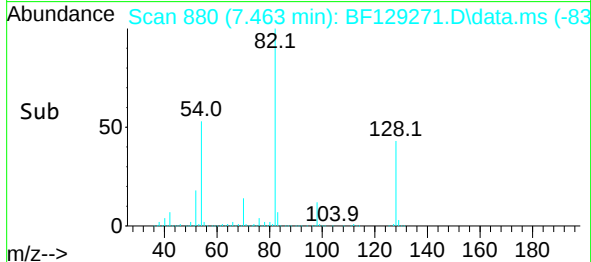
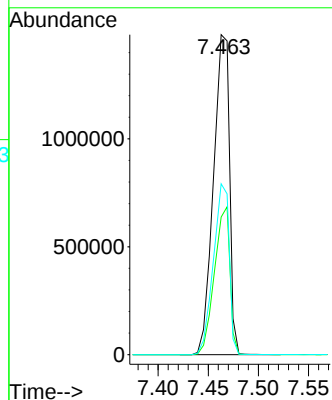
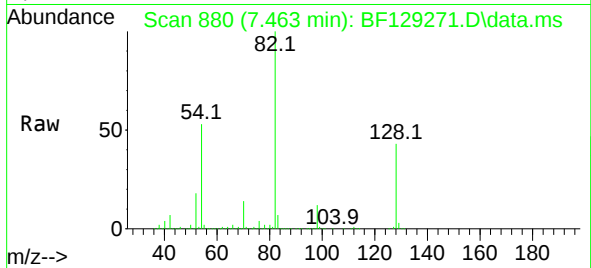




#23  
Nitrobenzene-d5  
Concen: 91.531 ng  
RT: 7.463 min Scan# 881  
Delta R.T. -0.006 min  
Lab File: BF129271.D  
Acq: 18 Jul 2022 17:01

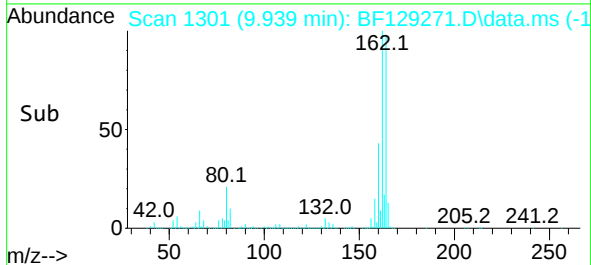
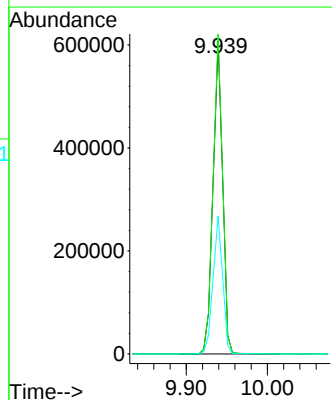
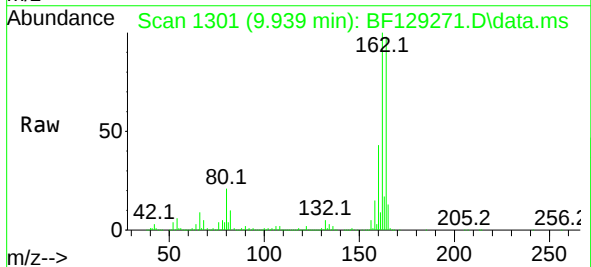
Instrument :  
BNA\_F  
ClientSampleId :  
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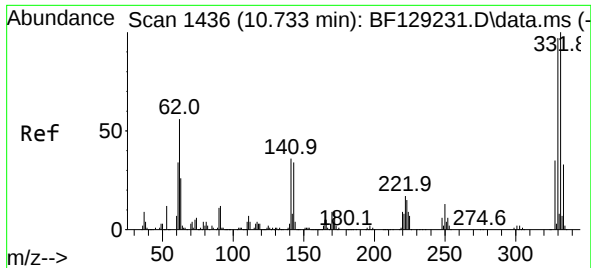
Tgt Ion: 82 Resp: 1649900  
Ion Ratio Lower Upper  
82 100  
128 43.0 34.0 51.0  
54 53.4 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: BF129271.D  
Acq: 18 Jul 2022 17:01

Tgt Ion: 164 Resp: 498971  
Ion Ratio Lower Upper  
164 100  
162 102.3 79.5 119.3  
160 44.0 34.2 51.4

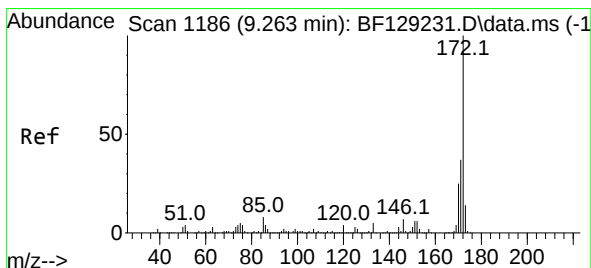
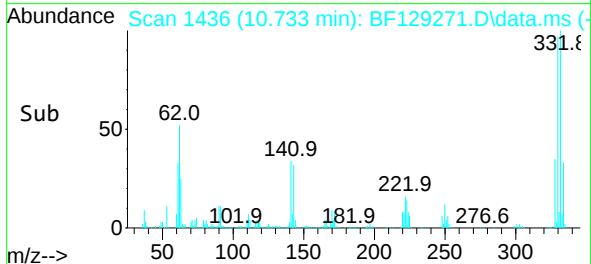
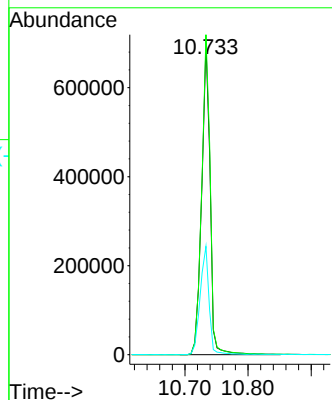
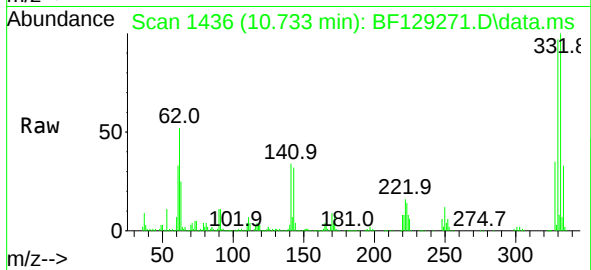




#42  
2,4,6-Tribromophenol  
Concen: 140.846 ng  
RT: 10.733 min Scan# 1436  
Delta R.T. -0.000 min  
Lab File: BF129271.D  
Acq: 18 Jul 2022 17:01

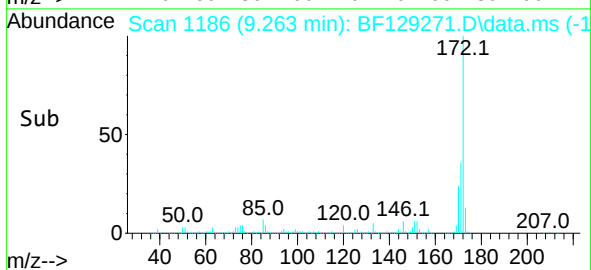
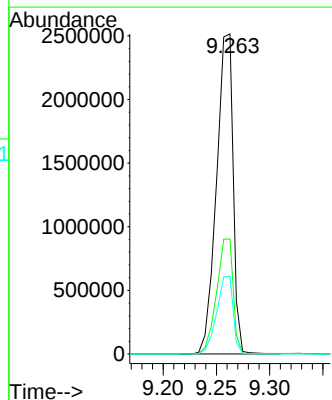
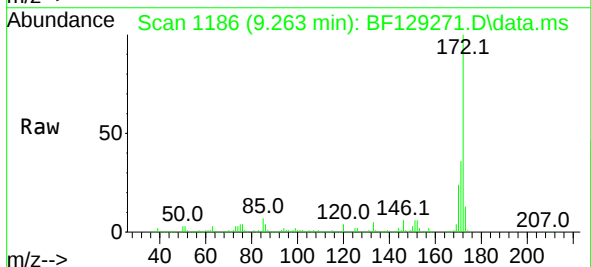
Instrument :  
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ClientSampleId :  
TP-2

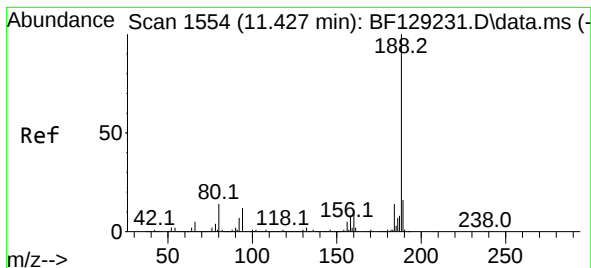
Tgt Ion: 330 Resp: 652299  
Ion Ratio Lower Upper  
330 100  
332 102.9 76.8 115.2  
141 36.4 28.0 42.0



#45  
2-Fluorobiphenyl  
Concen: 92.953 ng  
RT: 9.263 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BF129271.D  
Acq: 18 Jul 2022 17:01

Tgt Ion: 172 Resp: 2737636  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.8 43.2  
170 24.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129271.D

Acq: 18 Jul 2022 17:01

Instrument :

BNA\_F

ClientSampleId :

TP-2

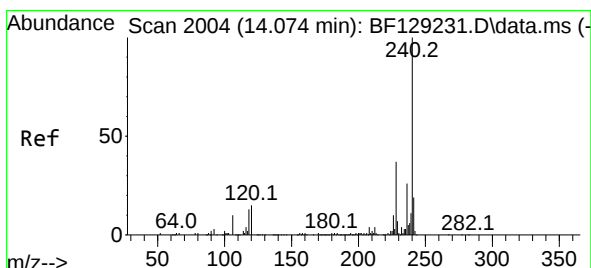
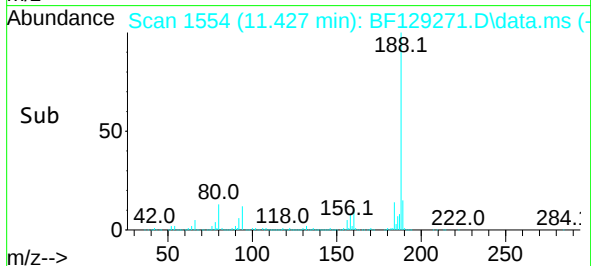
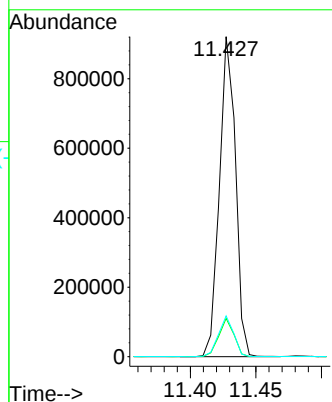
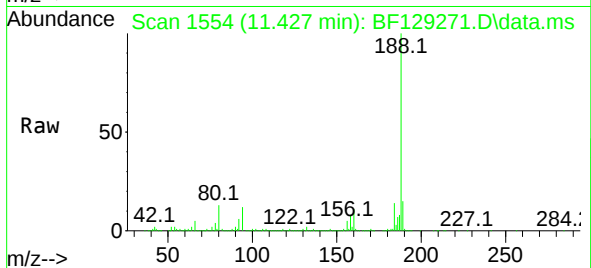
Tgt Ion:188 Resp: 784227

Ion Ratio Lower Upper

188 100

94 12.0 7.0 10.6#

80 12.8 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF129271.D

Acq: 18 Jul 2022 17:01

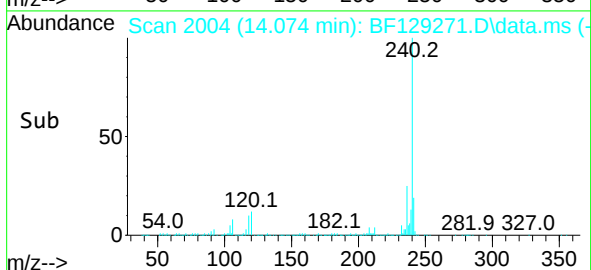
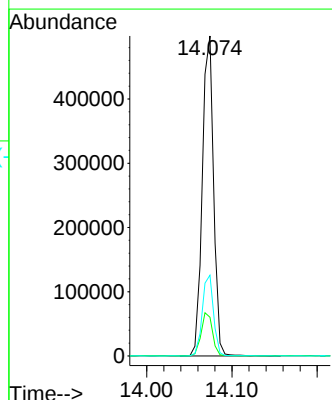
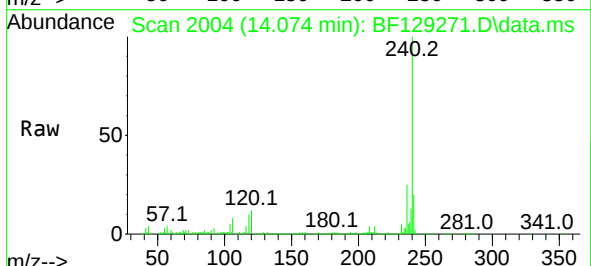
Tgt Ion:240 Resp: 458878

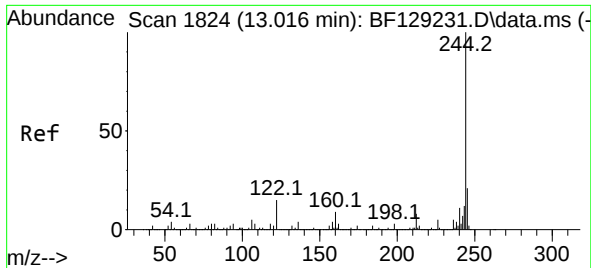
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.2 20.8 31.2

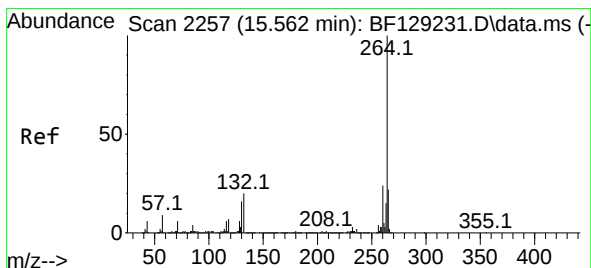
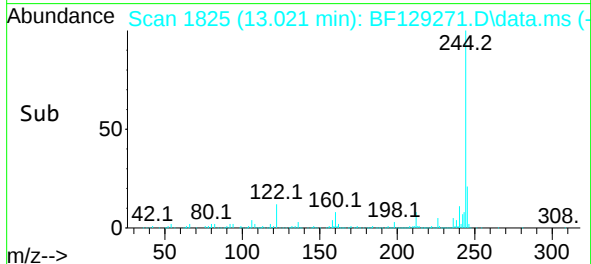
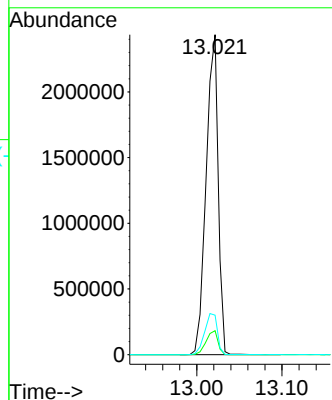
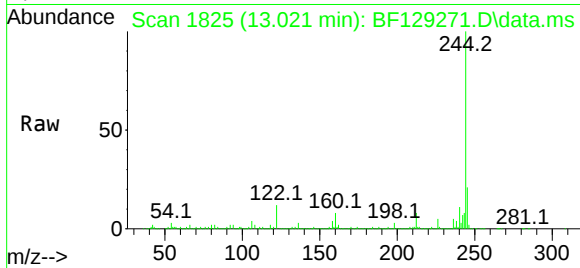




#79  
 Terphenyl-d14  
 Concen: 97.257 ng  
 RT: 13.021 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF129271.D  
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Tgt Ion:244 Resp: 2385704  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.1 9.1  
 122 12.4 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.568 min Scan# 2258  
 Delta R.T. 0.006 min  
 Lab File: BF129271.D  
 Acq: 18 Jul 2022 17:01

Tgt Ion:264 Resp: 500722  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 18.4 27.6  
 265 21.5 17.2 25.8

