

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070122\  
 Data File : BF129101.D  
 Acq On : 01 Jul 2022 19:57  
 Operator : CG\JU  
 Sample : N3562-18  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-17

Quant Time: Jul 02 01:26:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:05:31 2022  
 Response via : Initial Calibration

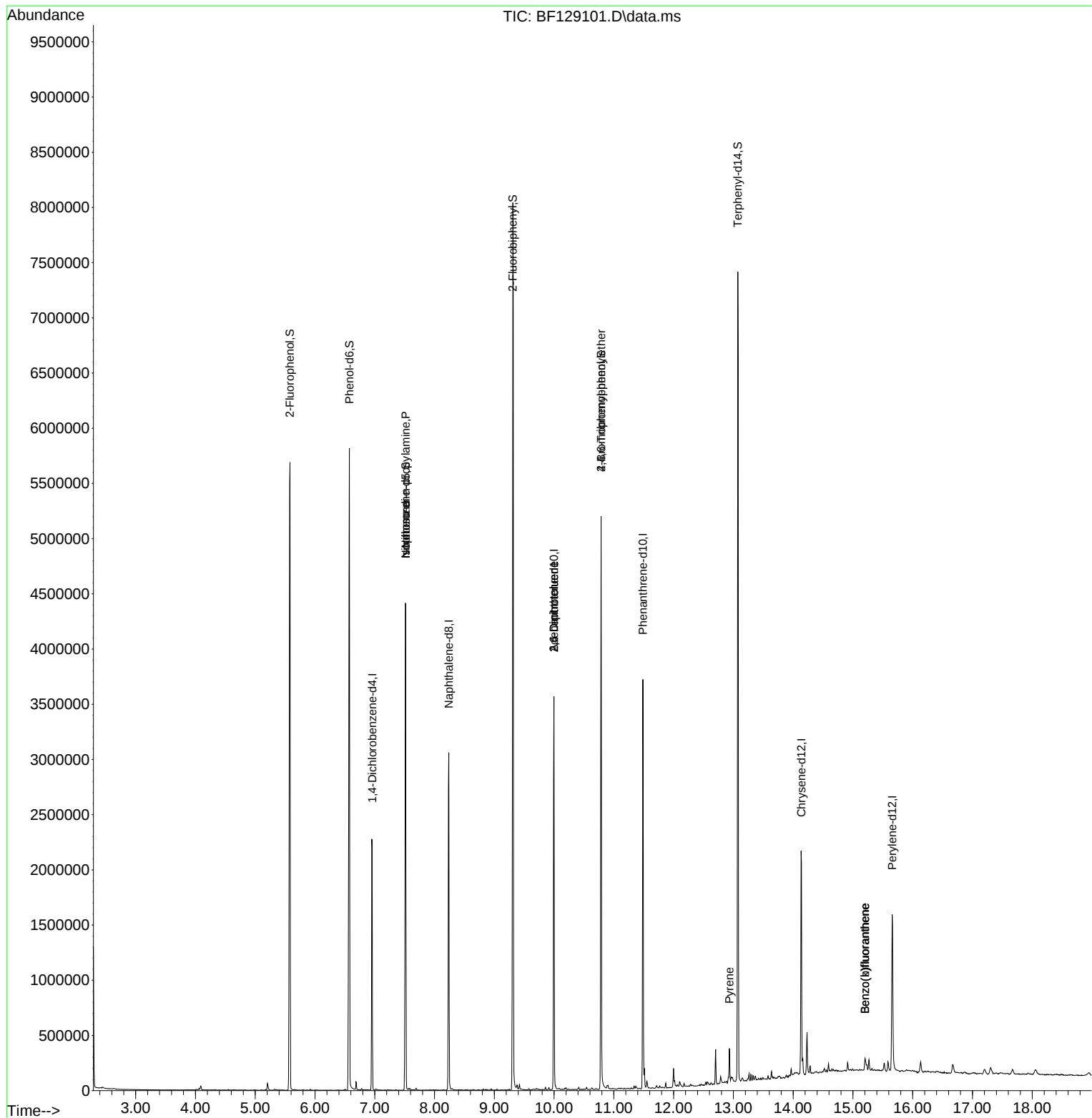
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 358737   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.239  | 136  | 1370916  | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.998  | 164  | 718032   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 1284046  | 20.000    | ng    | #-0.01   |
| 76) Chrysene-d12              | 14.139 | 240  | 711996   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 15.656 | 264  | 664015   | 20.000    | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.581  | 112  | 1711080  | 80.639    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.575  | 99   | 2128296  | 80.760    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.516  | 82   | 1330438  | 57.885    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 614505   | 78.707    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.310  | 172  | 2636016  | 58.731    | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.074 | 244  | 2580903  | 75.275    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.510  | 77   | 407      | Below Cal | #     | 40       |
| 19) n-Nitroso-di-n-propyla... | 7.516  | 70   | 173983   | 11.413    | ng    | # 72     |
| 25) Isophorone                | 7.516  | 82   | 1292119  | 33.264    | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.998  | 165  | 94389    | 10.283    | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 94605    | 8.349     | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.786 | 248  | 37320    | 2.732     | ng    | # 1      |
| 78) Pyrene                    | 12.933 | 202  | 110758   | 2.244     | ng    | 96       |
| 88) Benzo(b)fluoranthene      | 15.204 | 252  | 83294    | 2.086     | ng    | 96       |
| 89) Benzo(k)fluoranthene      | 15.204 | 252  | 83294    | 2.150     | ng    | 97       |
| -----                         |        |      |          |           |       |          |

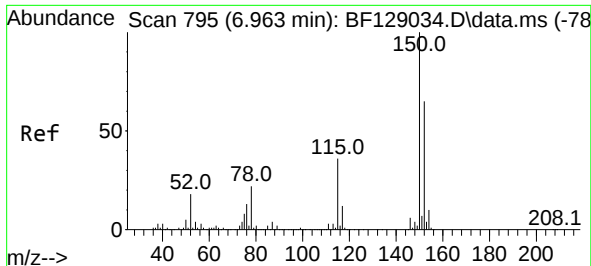
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070122\  
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Quant Time: Jul 02 01:26:47 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 29 17:05:31 2022  
Response via : Initial Calibration

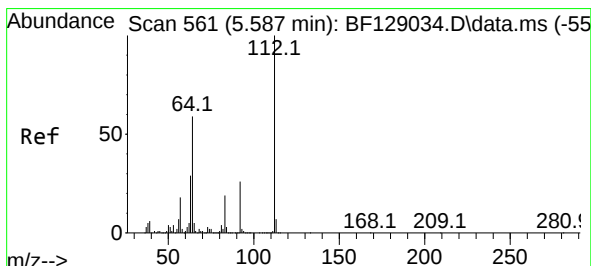
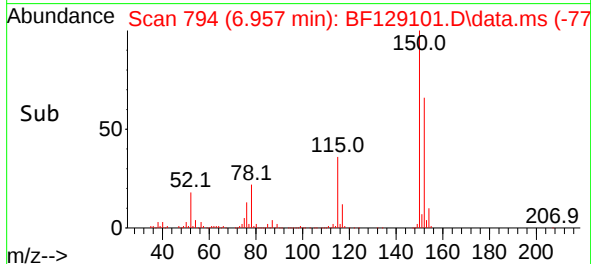
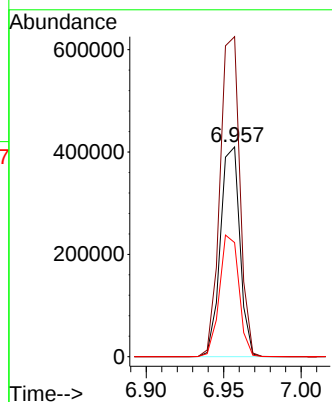
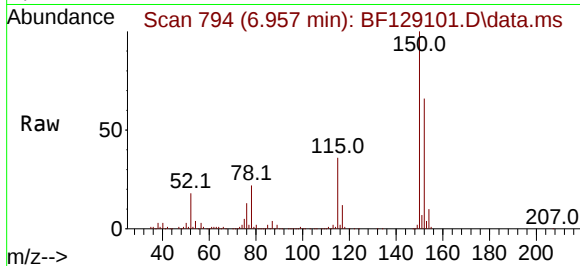




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

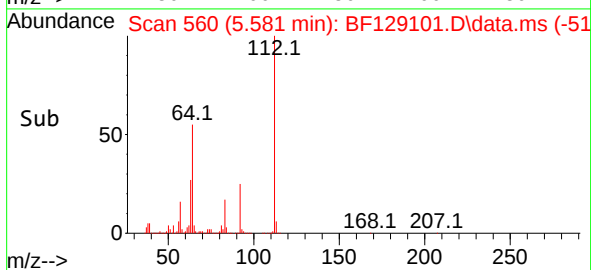
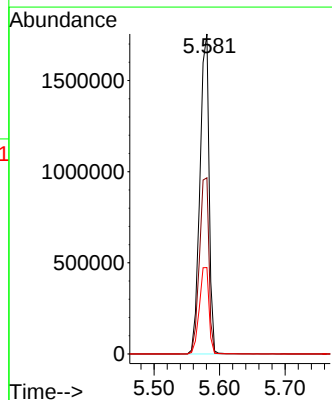
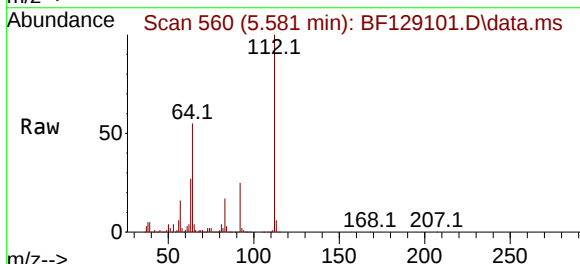
Instrument :  
BNA\_F  
ClientSampleId :  
SB-17

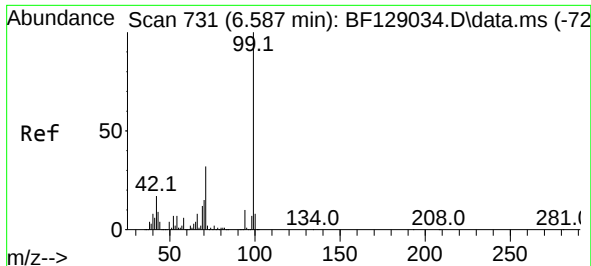
Tgt Ion:152 Resp: 358737  
Ion Ratio Lower Upper  
152 100  
150 152.5 123.7 185.5  
115 54.4 49.9 74.9



#5  
2-Fluorophenol  
Concen: 80.639 ng  
RT: 5.581 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

Tgt Ion:112 Resp: 1711080  
Ion Ratio Lower Upper  
112 100  
64 55.0 53.3 79.9  
63 27.0 28.0 42.0#





#7  
Phenol-d6  
Concen: 80.760 ng  
RT: 6.575 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

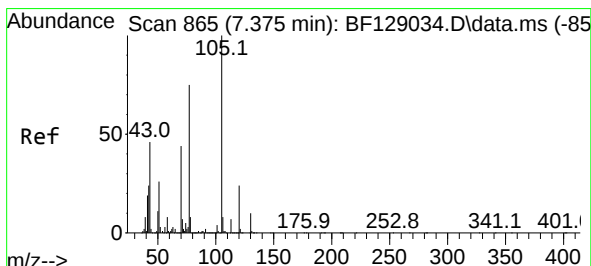
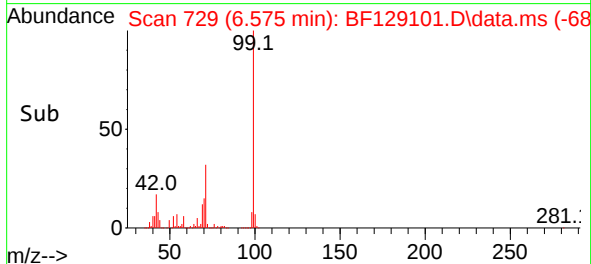
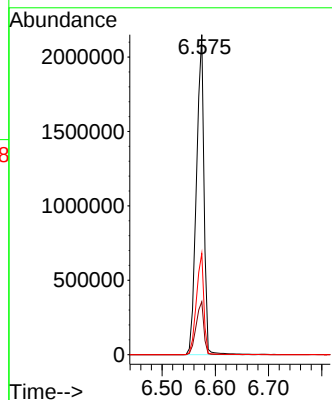
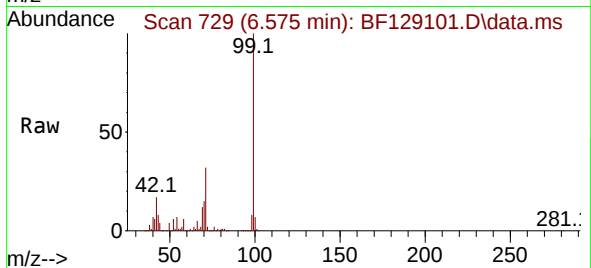
Instrument :

BNA\_F

ClientSampleId :

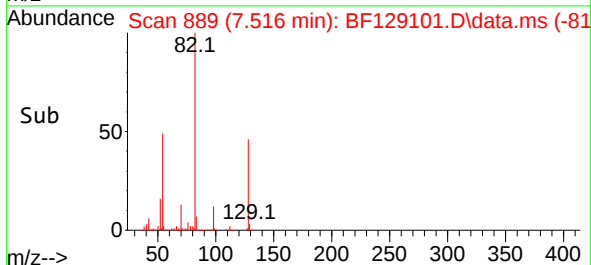
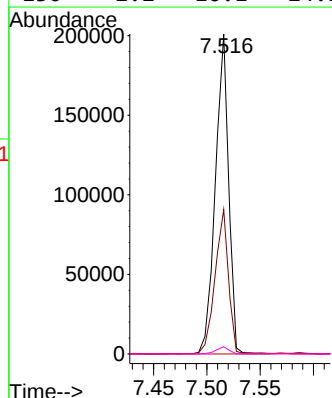
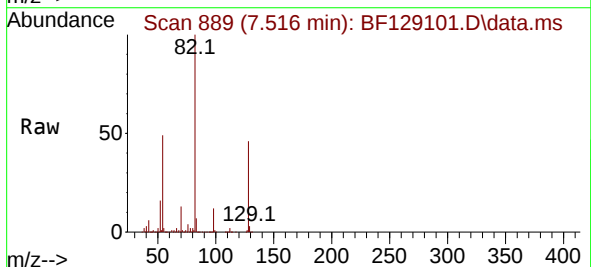
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Tgt Ion: 99 Resp: 2128296  
Ion Ratio Lower Upper  
99 100  
42 16.6 17.3 25.9#  
71 31.7 28.9 43.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.413 ng  
RT: 7.516 min Scan# 889  
Delta R.T. 0.141 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

Tgt Ion: 70 Resp: 173983  
Ion Ratio Lower Upper  
70 100  
42 45.1 52.3 78.5#  
101 0.0 7.5 11.3#  
130 2.2 16.1 24.1#

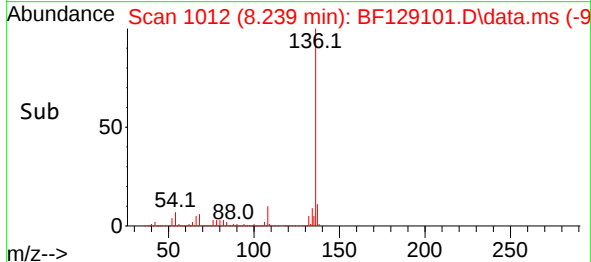
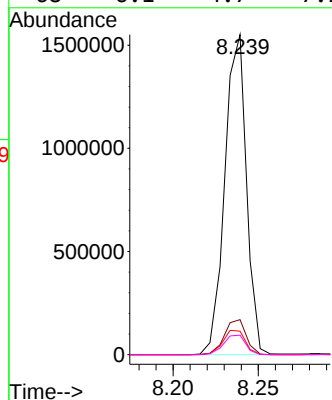
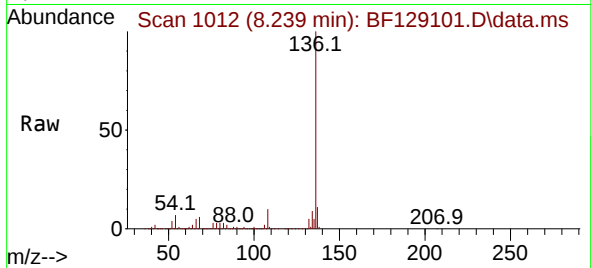




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

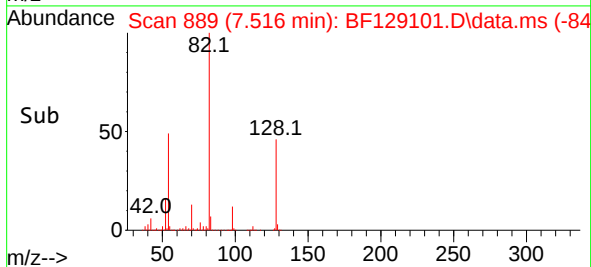
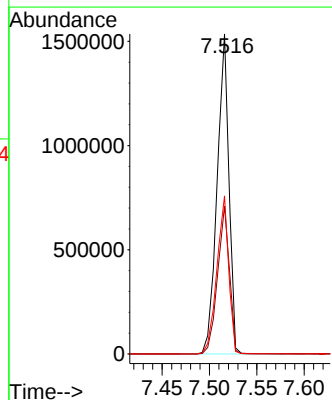
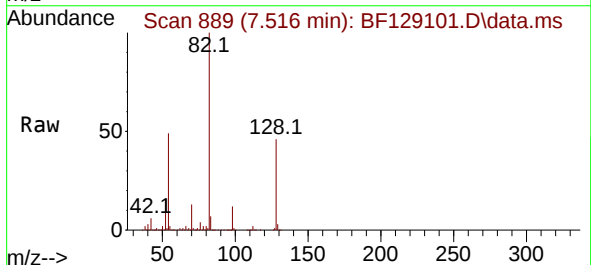
Instrument :  
BNA\_F  
ClientSampleId :  
SB-17

Tgt Ion:136 Resp: 1370916  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.3 7.5 11.3#  
68 6.1 4.7 7.1



#23  
Nitrobenzene-d5  
Concen: 57.885 ng  
RT: 7.516 min Scan# 889  
Delta R.T. -0.012 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

Tgt Ion: 82 Resp: 1330438  
Ion Ratio Lower Upper  
82 100  
128 46.3 34.0 51.0  
54 49.4 46.9 70.3

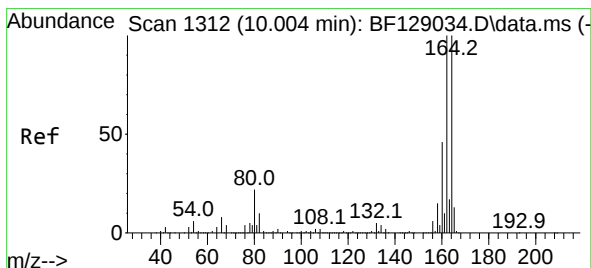
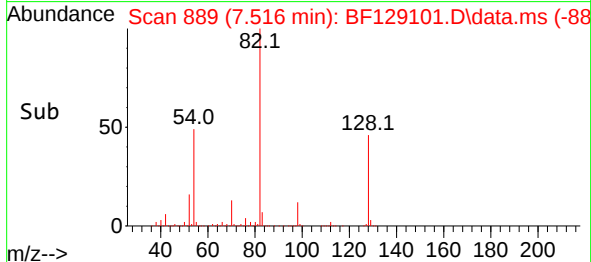
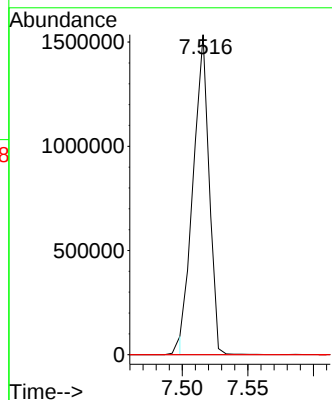
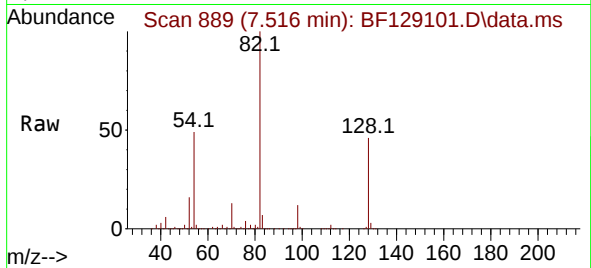




#25  
Isophorone  
Concen: 33.264 ng  
RT: 7.516 min Scan# 889  
Delta R.T. -0.277 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

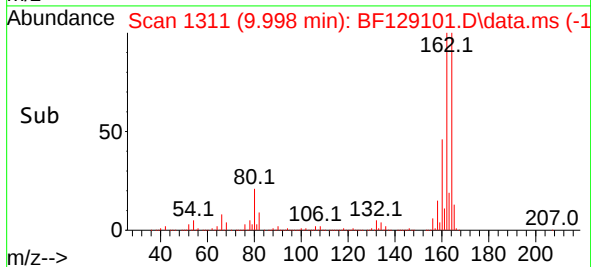
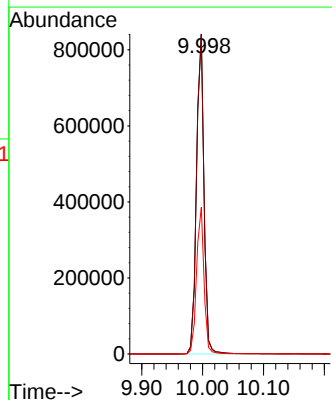
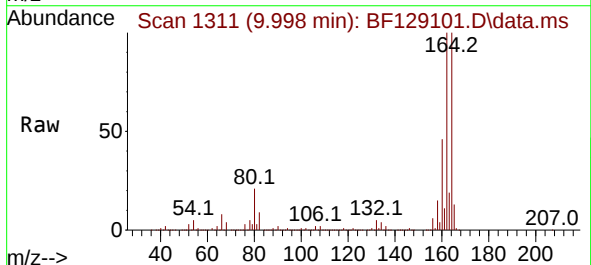
Instrument :  
BNA\_F  
ClientSampleId :  
SB-17

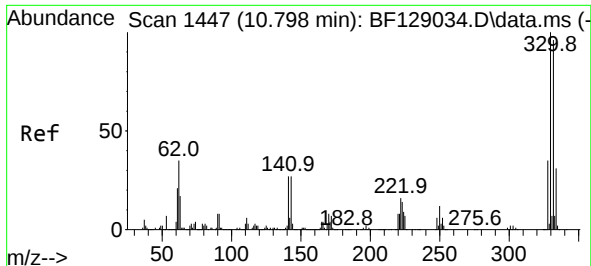
Tgt Ion: 82 Resp: 1292119  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1311  
Delta R.T. -0.006 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

Tgt Ion:164 Resp: 718032  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.5 119.3  
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 78.707 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

Instrument :

BNA\_F

ClientSampleId :

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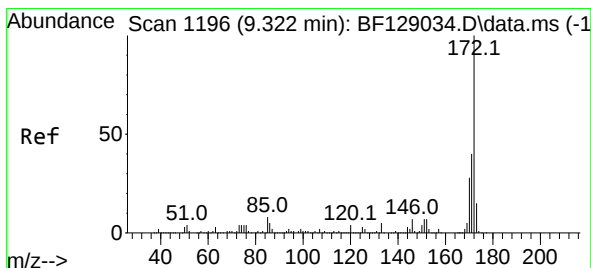
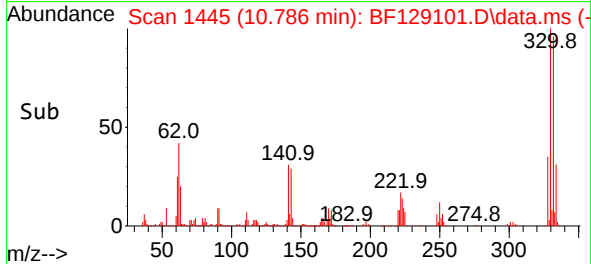
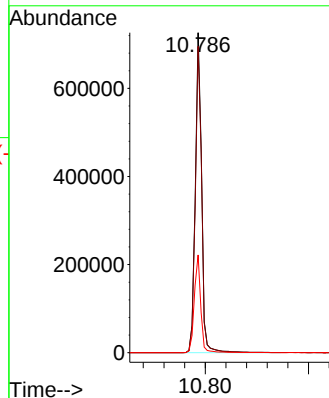
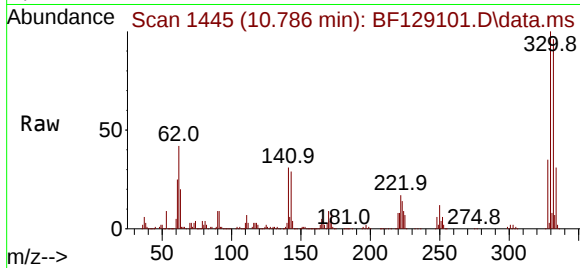
Tgt Ion:330 Resp: 614505

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 31.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.731 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

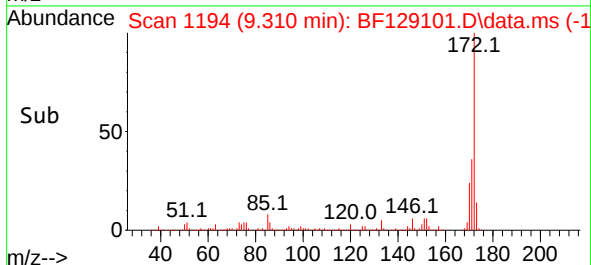
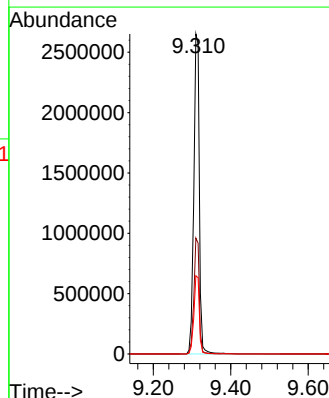
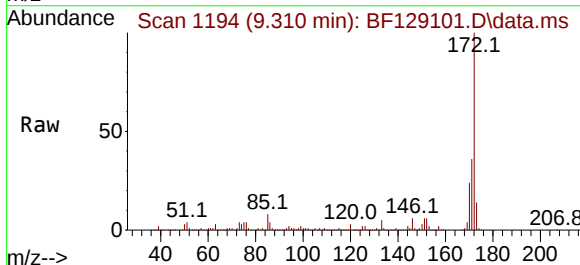
Tgt Ion:172 Resp: 2636016

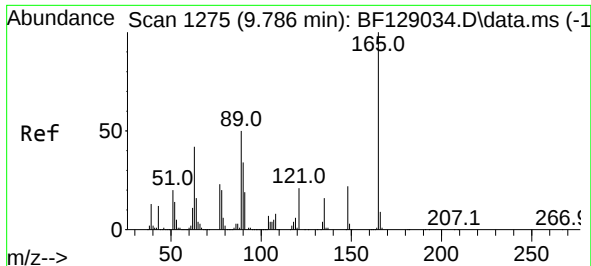
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.283 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

Instrument :

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ClientSampleId :

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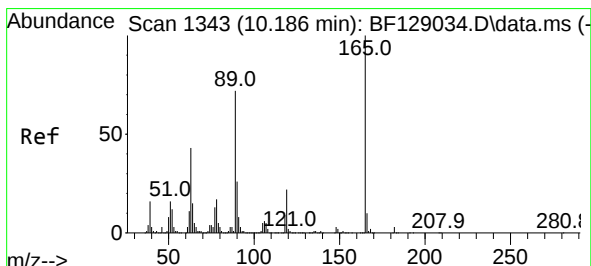
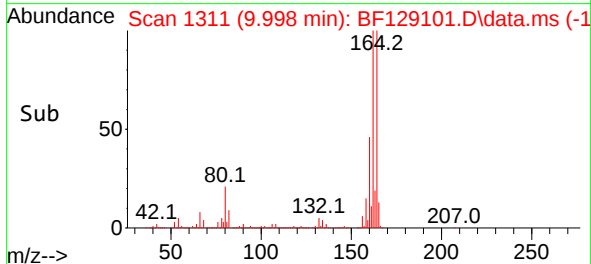
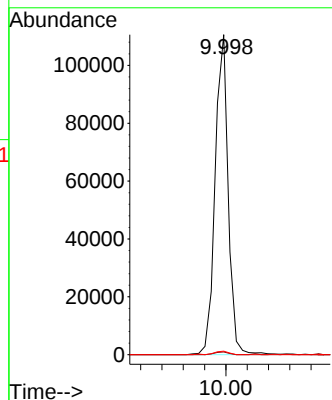
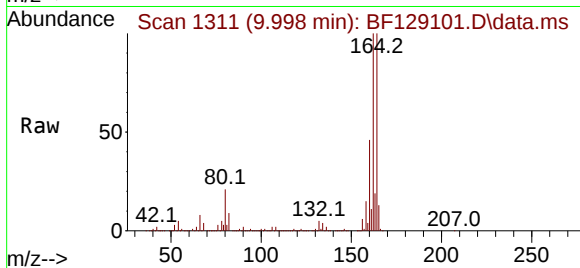
Tgt Ion:165 Resp: 94389

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 8.349 ng

RT: 9.998 min Scan# 1311

Delta R.T. -0.188 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

Tgt Ion:165 Resp: 94605

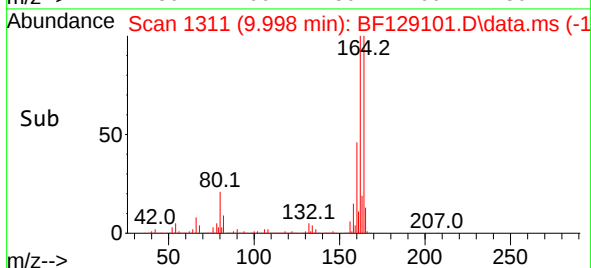
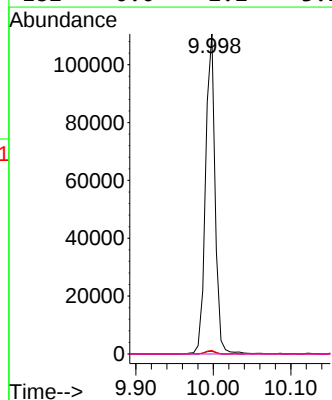
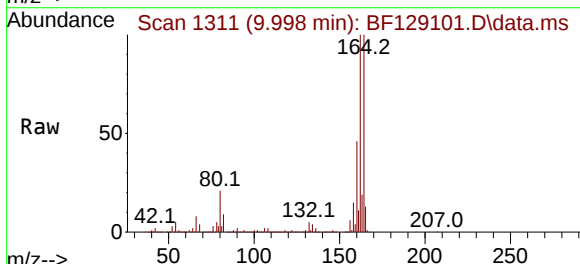
Ion Ratio Lower Upper

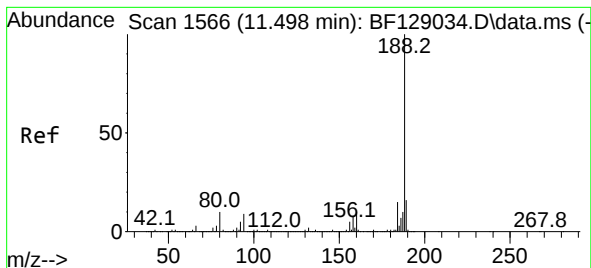
165 100

63 0.9 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

Instrument :

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ClientSampleId :

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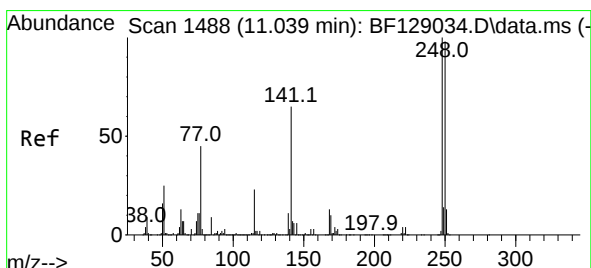
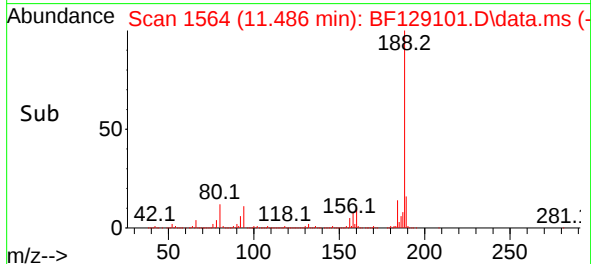
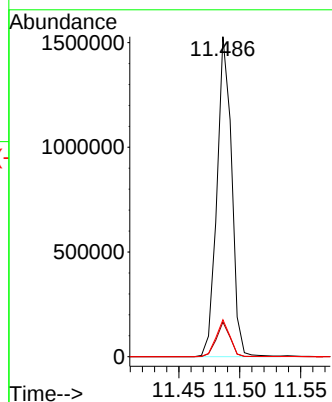
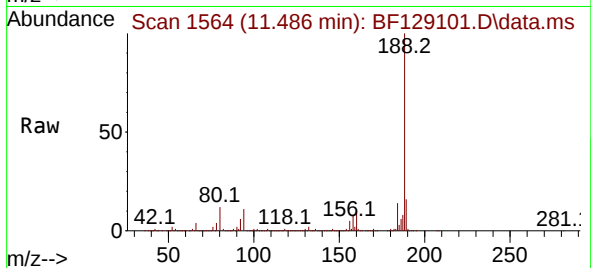
Tgt Ion:188 Resp: 1284046

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 11.6 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 2.732 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

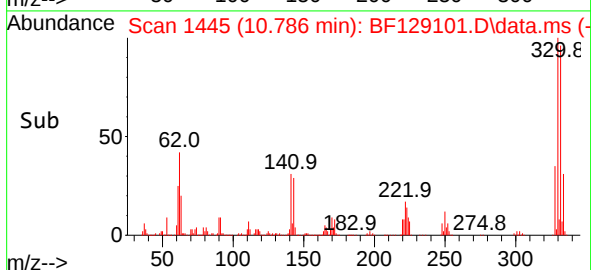
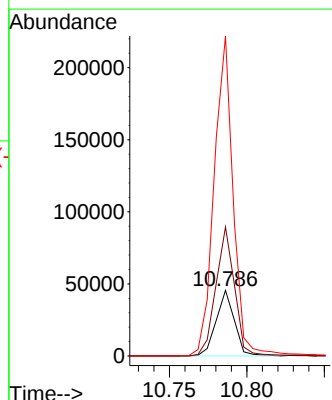
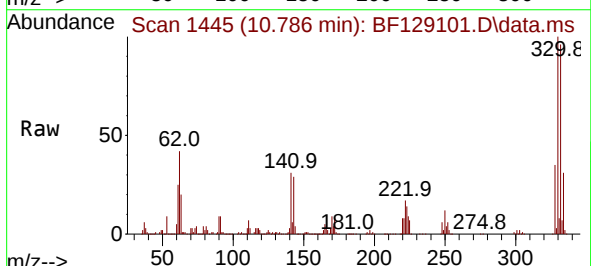
Tgt Ion:248 Resp: 37320

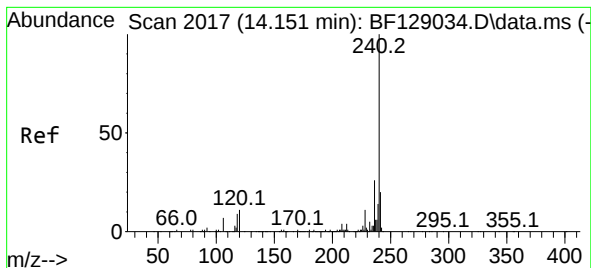
Ion Ratio Lower Upper

248 100

250 196.7 80.6 120.8#

141 488.1 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

Instrument :

BNA\_F

ClientSampleId :

SB-17

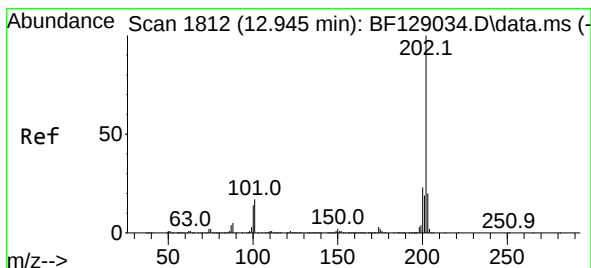
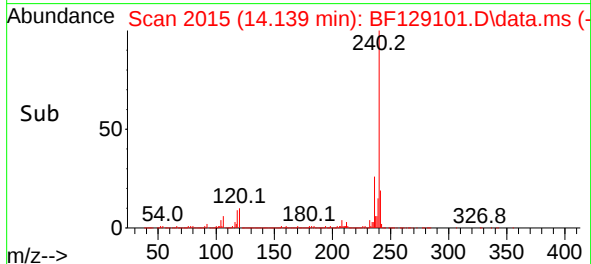
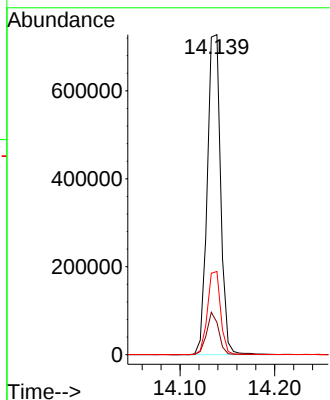
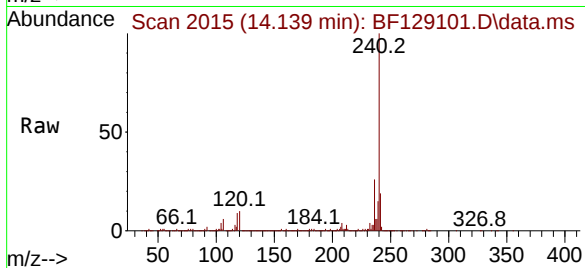
Tgt Ion:240 Resp: 711996

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 26.0 20.8 31.2



#78

Pyrene

Concen: 2.244 ng

RT: 12.933 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF129101.D

Acq: 01 Jul 2022 19:57

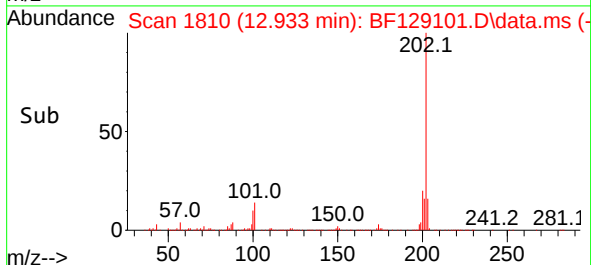
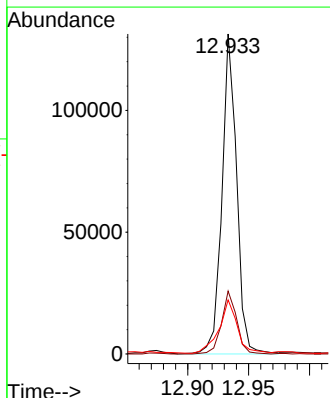
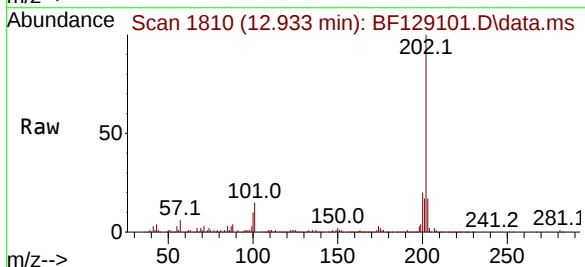
Tgt Ion:202 Resp: 110758

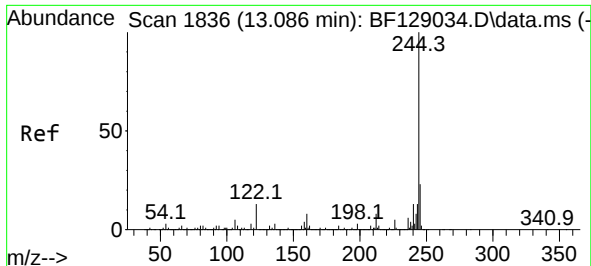
Ion Ratio Lower Upper

202 100

200 19.6 17.7 26.5

203 16.9 14.6 21.8

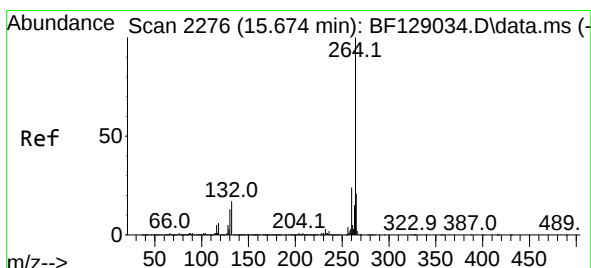
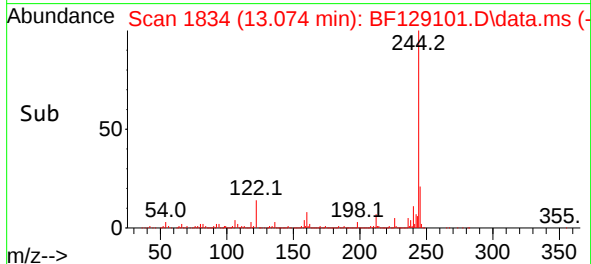
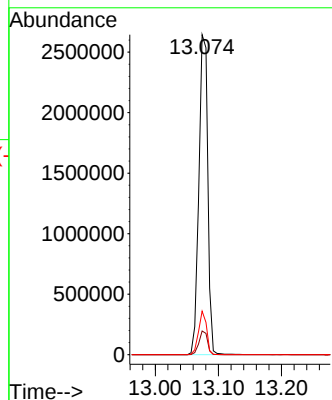
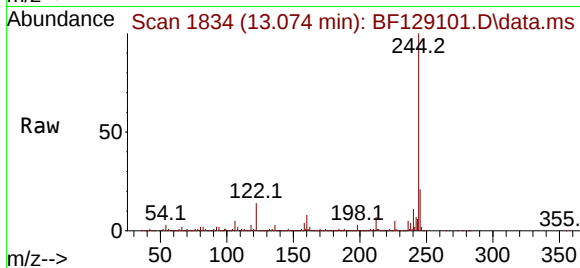




#79  
 Terphenyl-d14  
 Concen: 75.275 ng  
 RT: 13.074 min Scan# 1834  
 Delta R.T. -0.012 min  
 Lab File: BF129101.D  
 Acq: 01 Jul 2022 19:57

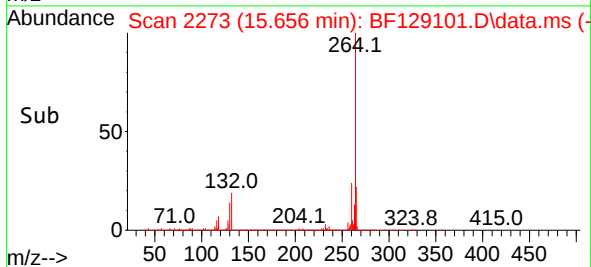
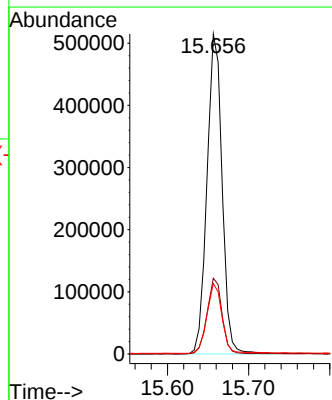
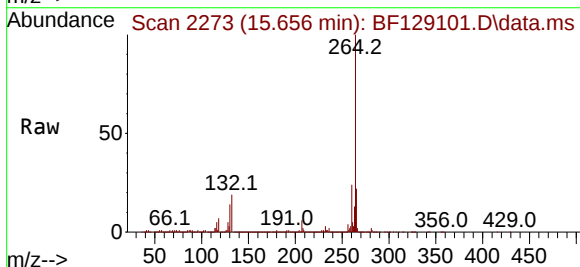
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-17

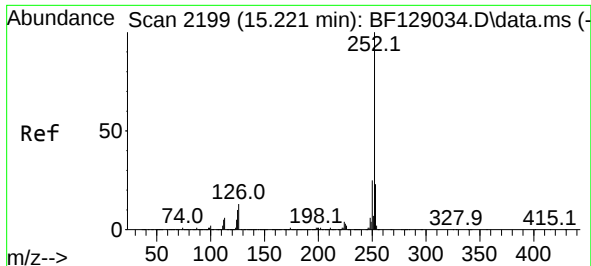
Tgt Ion:244 Resp: 2580903  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 13.6 8.8 13.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.656 min Scan# 2273  
 Delta R.T. -0.018 min  
 Lab File: BF129101.D  
 Acq: 01 Jul 2022 19:57

Tgt Ion:264 Resp: 664015  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.4 27.6  
 265 22.0 17.2 25.8

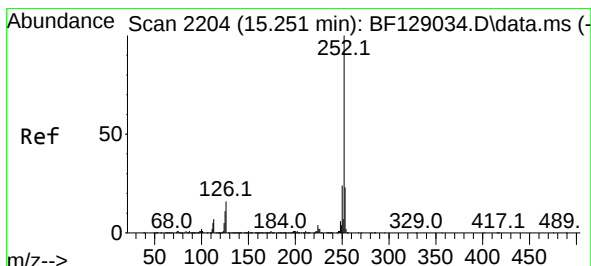
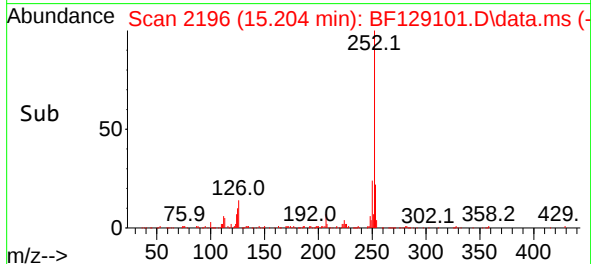
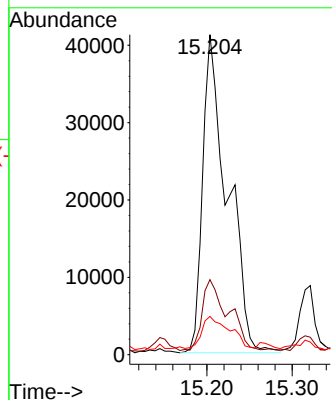
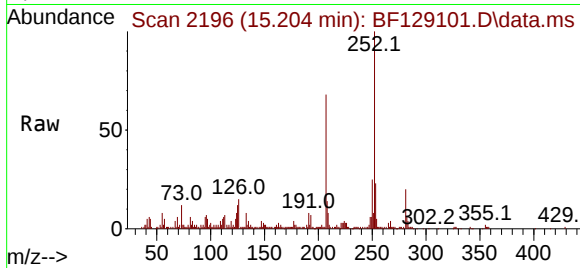




#88  
Benzo(b)fluoranthene  
Concen: 2.086 ng  
RT: 15.204 min Scan# 2196  
Delta R.T. -0.018 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

Instrument :  
BNA\_F  
ClientSampleId :  
SB-17

Tgt Ion:252 Resp: 83294  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.7 26.5  
125 12.0 8.0 12.0



#89  
Benzo(k)fluoranthene  
Concen: 2.150 ng  
RT: 15.204 min Scan# 2196  
Delta R.T. -0.047 min  
Lab File: BF129101.D  
Acq: 01 Jul 2022 19:57

Tgt Ion:252 Resp: 83294  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.8 26.6  
125 12.0 8.3 12.5

