

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
 Data File : BF128239.D  
 Acq On : 13 May 2022 15:15  
 Operator : CG\JU  
 Sample : N2823-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-2

Quant Time: May 14 00:55:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 14 00:51:21 2022  
 Response via : Initial Calibration

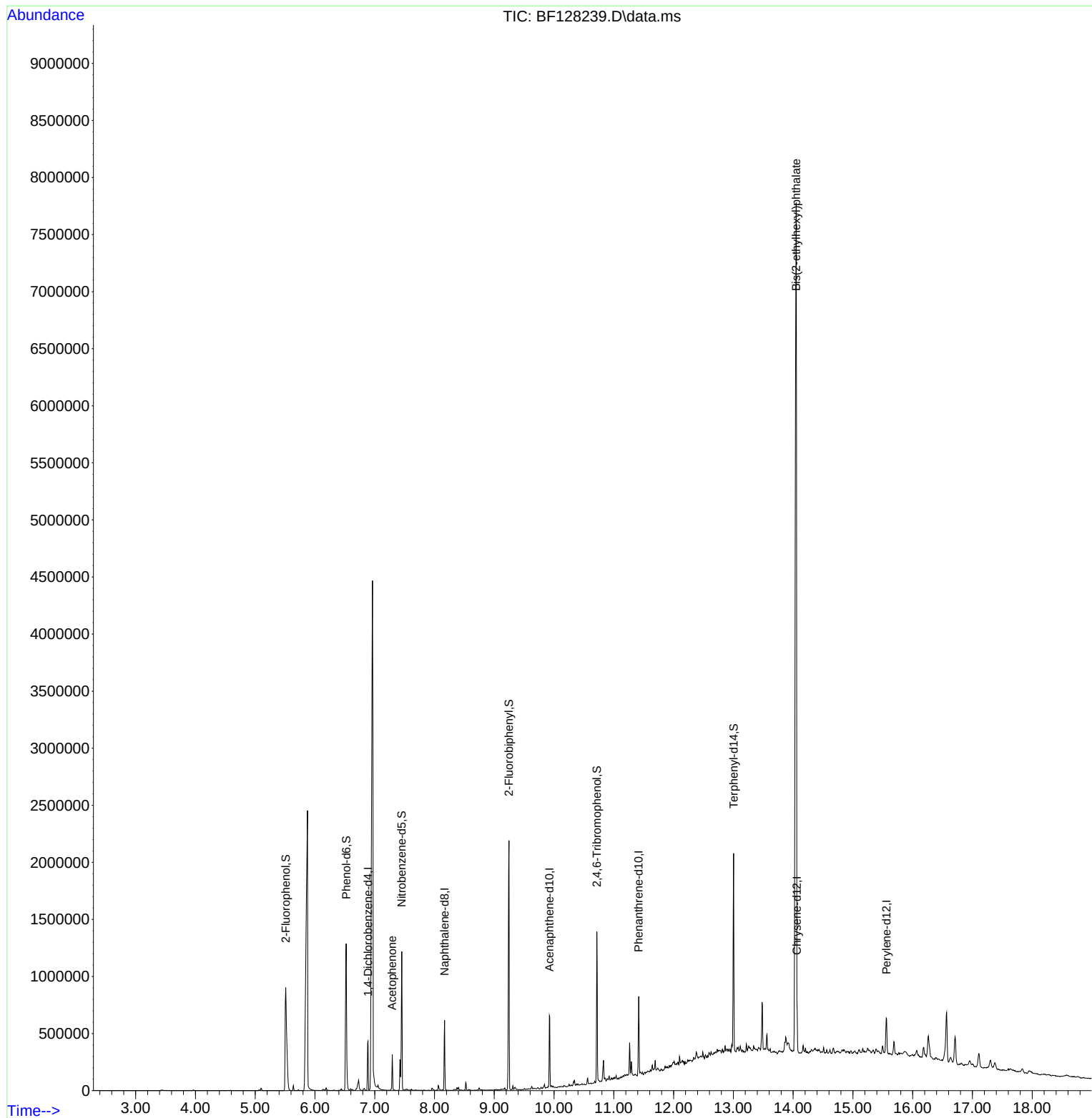
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 62118    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 236708   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 135062   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.416 | 188  | 228143   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 132846   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.563 | 264  | 144126   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.510  | 112  | 428948   | 110.081 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.522  | 99   | 549677   | 106.652 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 381618   | 72.543  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 148696   | 95.995  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 637052   | 73.802  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 557138   | 78.694  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 22) Acetophenone              | 7.293  | 105  | 74363    | 12.616  | ng    | # 95     |
| 84) Bis(2-ethylhexyl)phtha... | 14.051 | 149  | 3420777  | 632.215 | ng    | # 96     |
| -----                         |        |      |          |         |       |          |

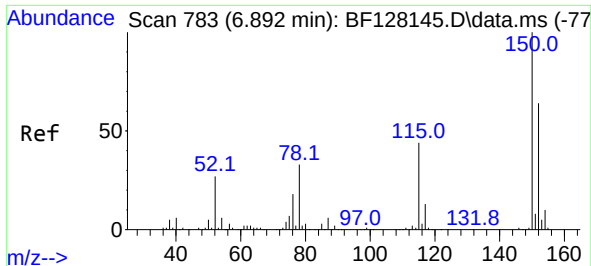
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 14 00:55:58 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat May 14 00:51:21 2022  
Response via : Initial Calibration

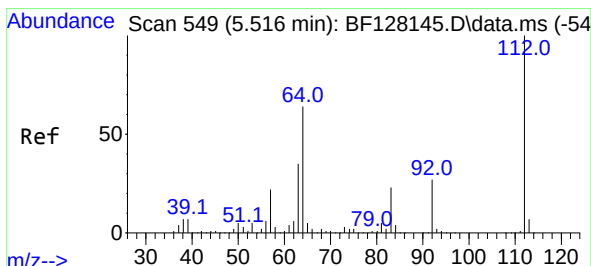
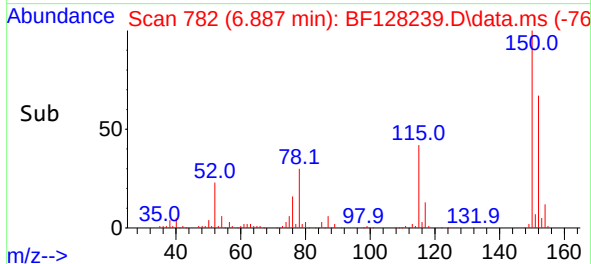
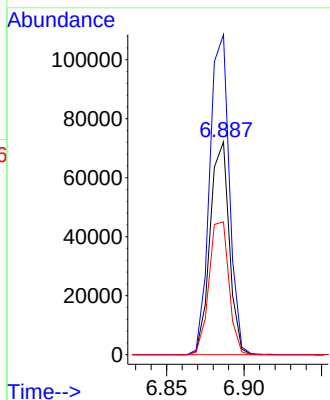
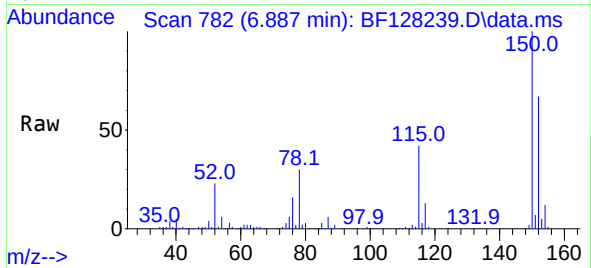




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

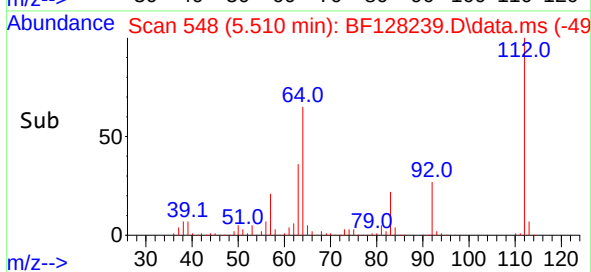
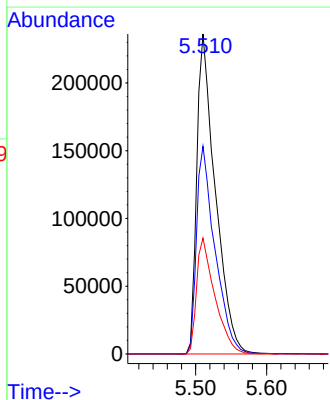
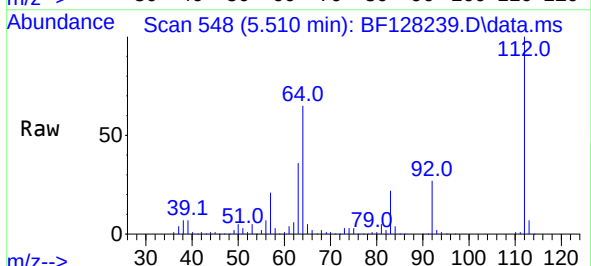
Instrument :  
BNA\_F  
ClientSampleId :  
SC-2

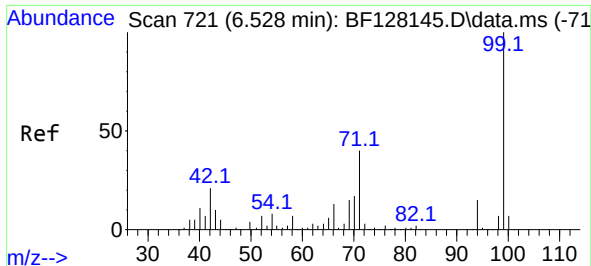
Tgt Ion:152 Resp: 62118  
Ion Ratio Lower Upper  
152 100  
150 150.3 125.3 187.9  
115 62.4 48.8 73.2



#5  
2-Fluorophenol  
Concen: 110.081 ng  
RT: 5.510 min Scan# 548  
Delta R.T. 0.000 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Tgt Ion:112 Resp: 428948  
Ion Ratio Lower Upper  
112 100  
64 64.9 49.5 74.3  
63 36.2 26.3 39.5

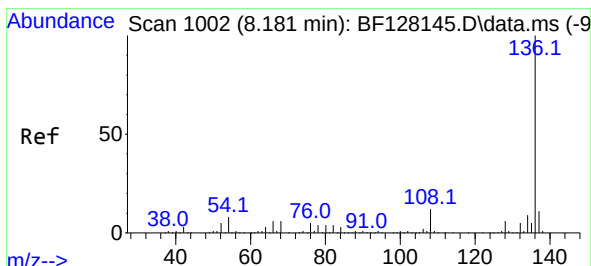
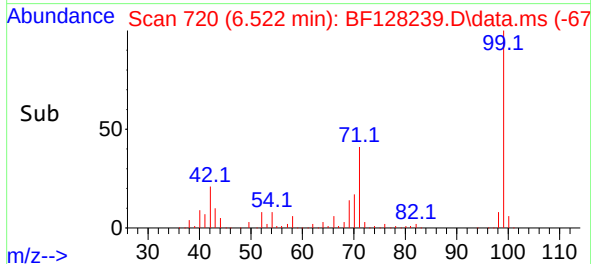
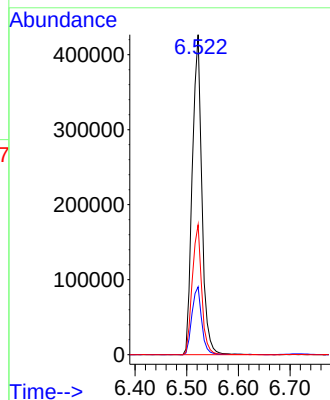
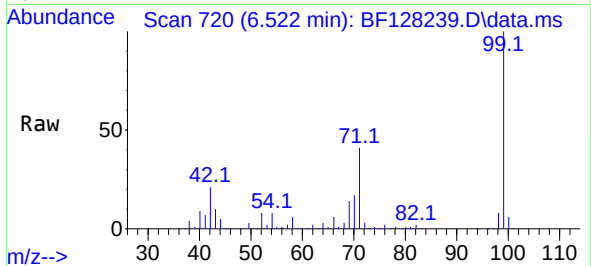




#7  
Phenol-d6  
Concen: 106.652 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

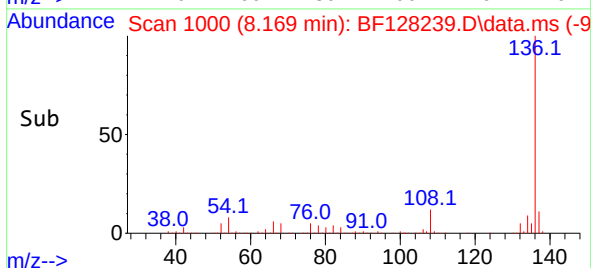
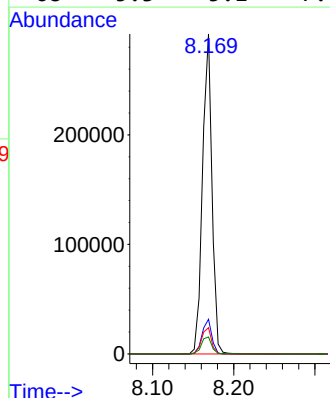
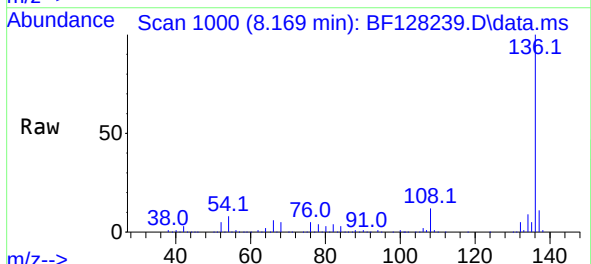
Instrument :  
BNA\_F  
ClientSampleId :  
SC-2

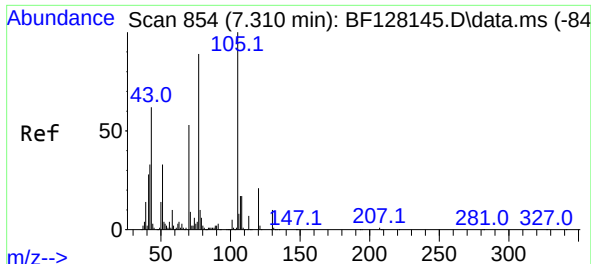
Tgt Ion: 99 Resp: 549677  
Ion Ratio Lower Upper  
99 100  
42 21.2 16.6 24.8  
71 40.6 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Tgt Ion:136 Resp: 236708  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.2 6.8 10.2  
68 5.3 5.1 7.7

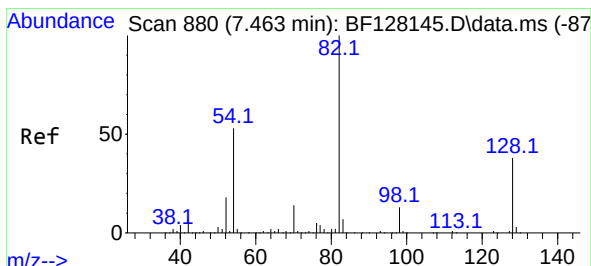
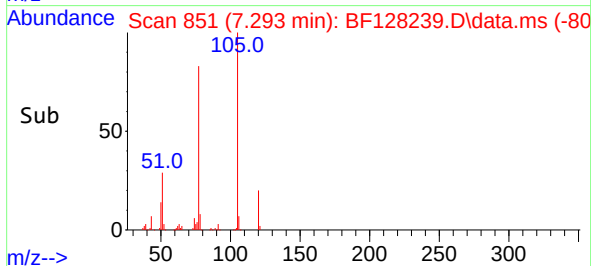
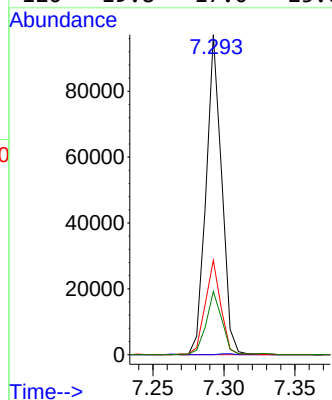
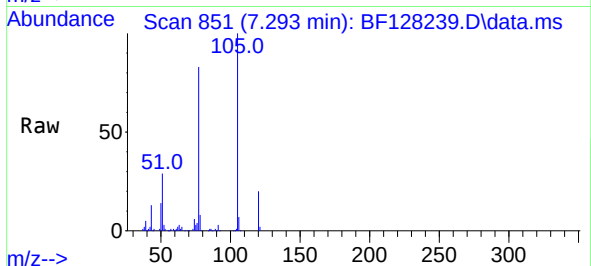




#22  
Acetophenone  
Concen: 12.616 ng  
RT: 7.293 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

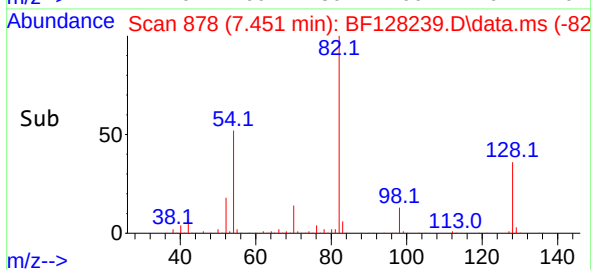
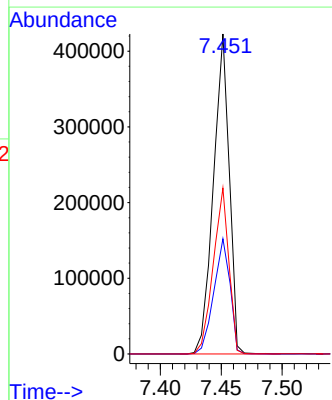
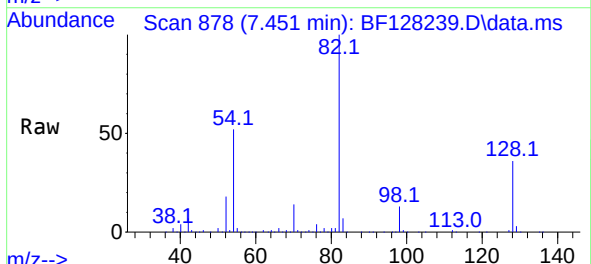
Instrument :  
BNA\_F  
ClientSampleId :  
SC-2

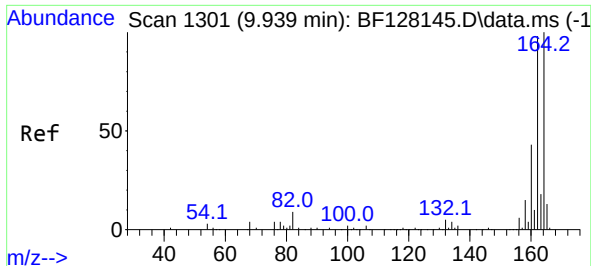
Tgt Ion:105 Resp: 74363  
Ion Ratio Lower Upper  
105 100  
71 0.0 7.3 10.9#  
51 29.5 23.7 35.5  
120 19.8 17.0 25.6



#23  
Nitrobenzene-d5  
Concen: 72.543 ng  
RT: 7.451 min Scan# 878  
Delta R.T. -0.012 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Tgt Ion: 82 Resp: 381618  
Ion Ratio Lower Upper  
82 100  
128 36.0 30.0 45.0  
54 51.8 41.3 61.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

Instrument :

BNA\_F

ClientSampleId :

SC-2

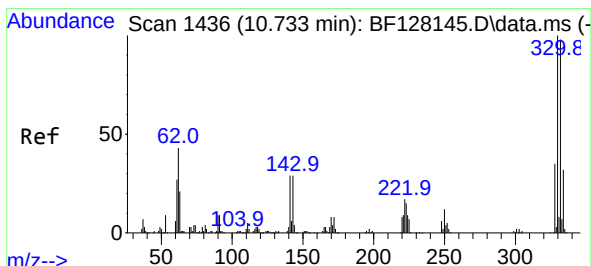
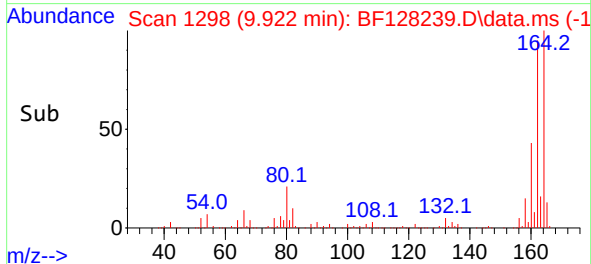
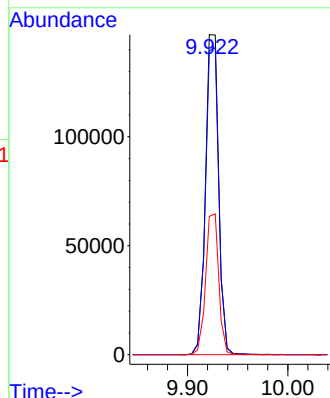
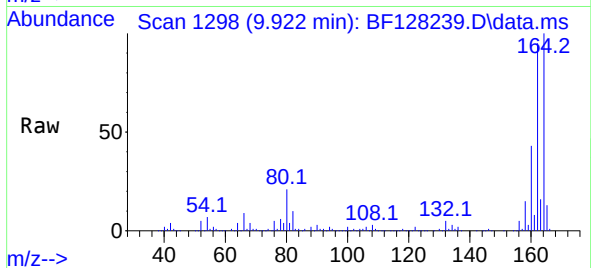
Tgt Ion:164 Resp: 135062

Ion Ratio Lower Upper

164 100

162 95.0 76.0 114.0

160 43.2 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 95.995 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

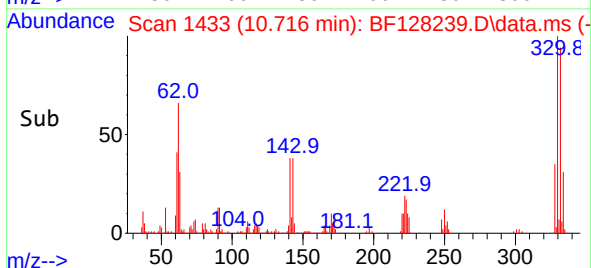
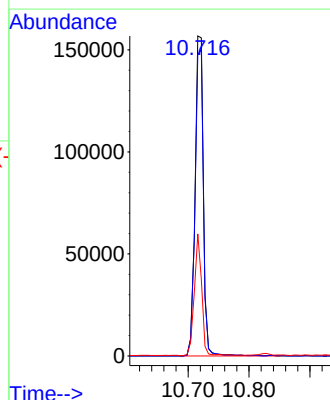
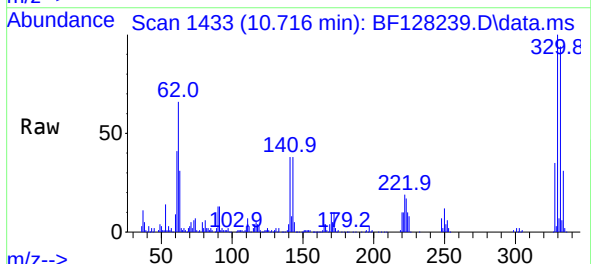
Tgt Ion:330 Resp: 148696

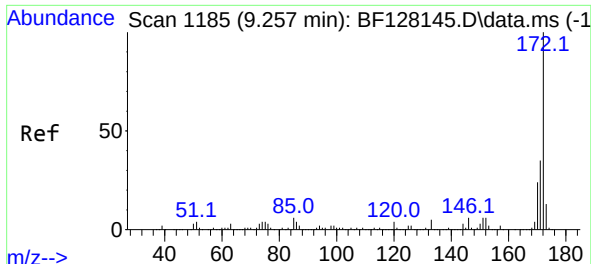
Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

141 34.0 28.9 43.3

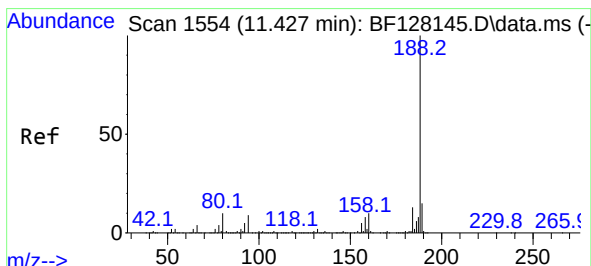
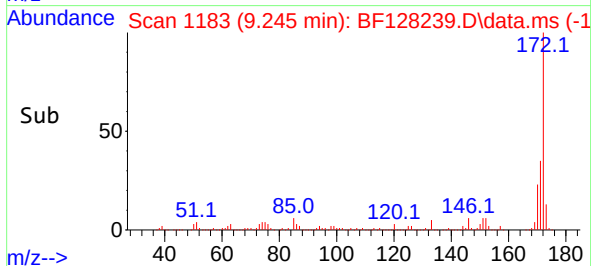
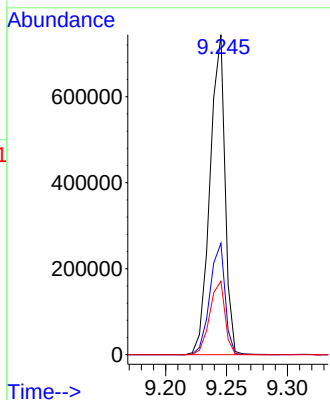
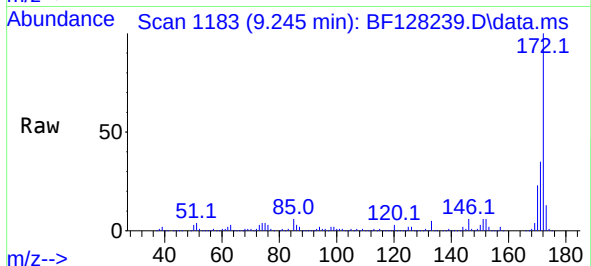




#45  
2-Fluorobiphenyl  
Concen: 73.802 ng  
RT: 9.245 min Scan# 1183  
Delta R.T. -0.006 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

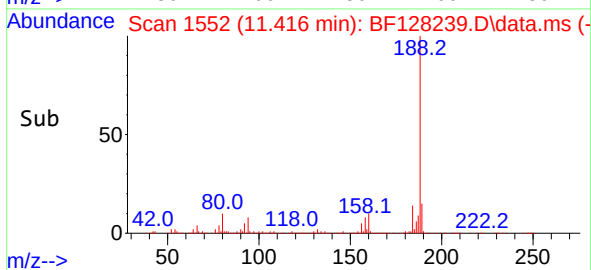
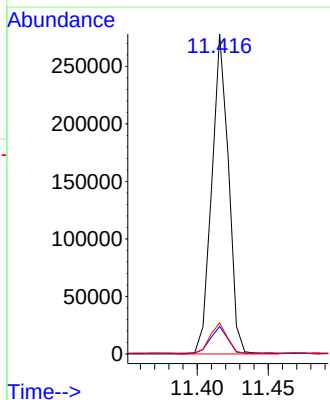
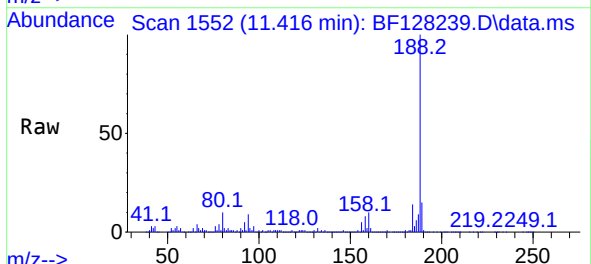
Instrument :  
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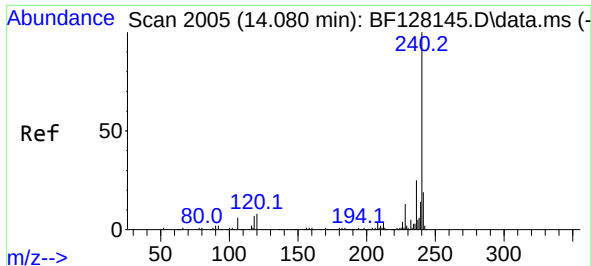
Tgt Ion:172 Resp: 637052  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.6 42.8  
170 23.0 19.1 28.7



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1552  
Delta R.T. -0.006 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Tgt Ion:188 Resp: 228143  
Ion Ratio Lower Upper  
188 100  
94 8.6 8.0 12.0  
80 9.7 8.9 13.3



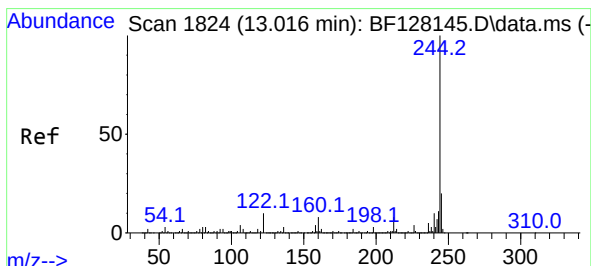
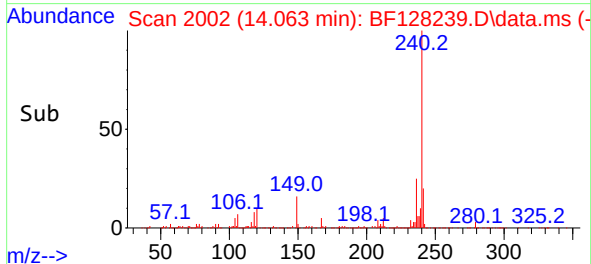
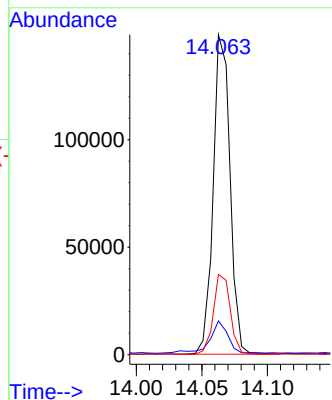
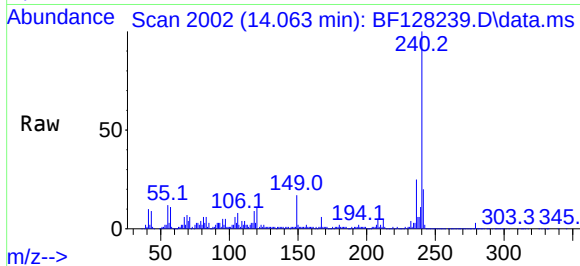


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:240 Resp: 132846

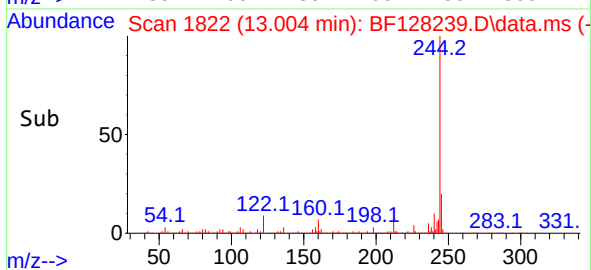
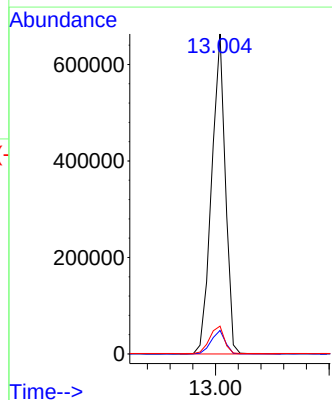
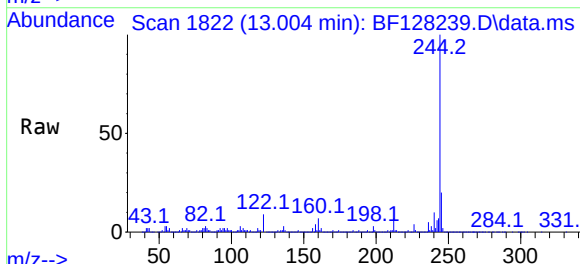
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.5  | 7.0   | 10.6  |
| 236 | 25.1  | 20.3  | 30.5  |



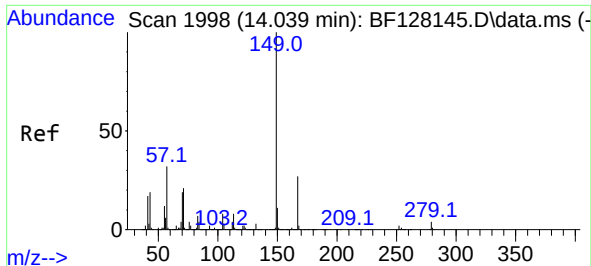
#79  
Terphenyl-d14  
Concen: 78.694 ng  
RT: 13.004 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Tgt Ion:244 Resp: 557138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.4   | 6.2   | 9.4   |
| 122 | 8.7   | 8.6   | 12.8  |



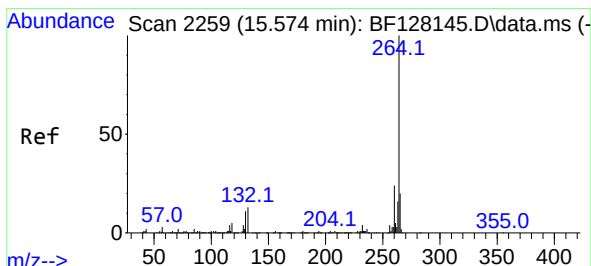
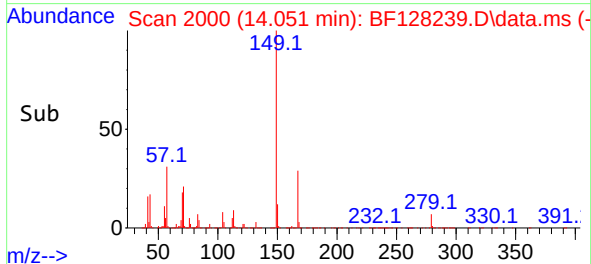
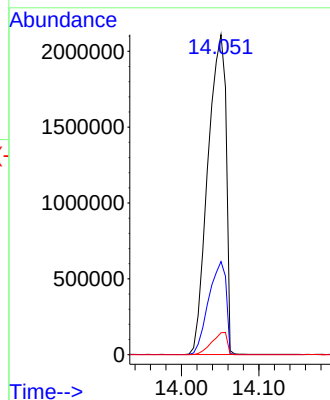
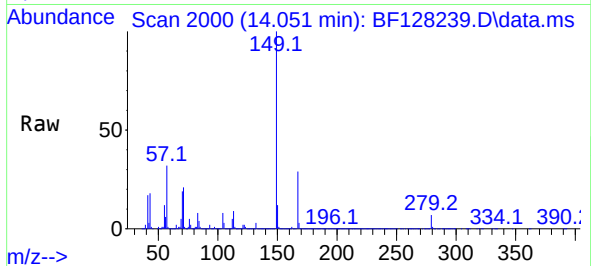




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 632.215 ng  
RT: 14.051 min Scan# 20  
Delta R.T. 0.024 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:149 Resp: 3420777  
Ion Ratio Lower Upper  
149 100  
167 29.1 22.0 33.0  
279 6.9 3.4 5.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.563 min Scan# 2257  
Delta R.T. 0.000 min  
Lab File: BF128239.D  
Acq: 13 May 2022 15:15

Tgt Ion:264 Resp: 144126  
Ion Ratio Lower Upper  
264 100  
260 23.6 20.1 30.1  
265 20.0 17.5 26.3

