

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
 Data File : BF128240.D  
 Acq On : 13 May 2022 15:44  
 Operator : CG\JU  
 Sample : N2823-12  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-12

Quant Time: May 14 00:56:04 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

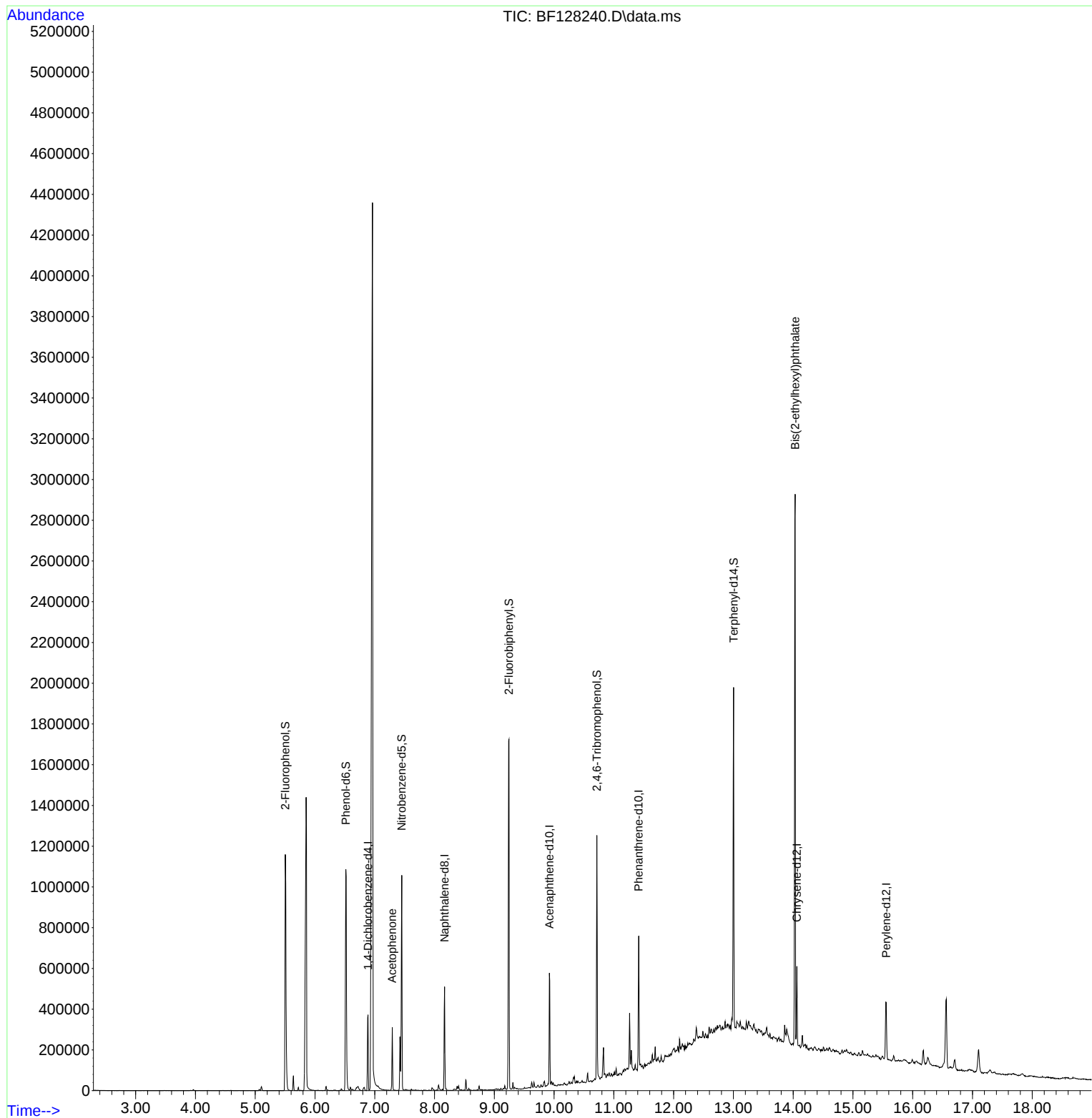
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|---------|-------|-------------|
| -----                         |        |      |          |         |       |             |
| Internal Standards            |        |      |          |         |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 6.887  | 152  | 51441    | 20.000  | ng    | 0.00        |
| 21) Naphthalene-d8            | 8.169  | 136  | 201609   | 20.000  | ng    | 0.00        |
| 39) Acenaphthene-d10          | 9.922  | 164  | 114466   | 20.000  | ng    | -0.01       |
| 64) Phenanthrene-d10          | 11.416 | 188  | 208671   | 20.000  | ng    | 0.00        |
| 76) Chrysene-d12              | 14.063 | 240  | 124379   | 20.000  | ng    | 0.00        |
| 86) Perylene-d12              | 15.557 | 264  | 128335   | 20.000  | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |         |       |             |
| 5) 2-Fluorophenol             | 5.504  | 112  | 339075   | 105.078 | ng    | 0.00        |
| 7) Phenol-d6                  | 6.516  | 99   | 447887   | 104.939 | ng    | -0.01       |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 312962   | 69.849  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 127409   | 97.052  | ng    | -0.01       |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 535085   | 73.143  | ng    | 0.00        |
| 79) Terphenyl-d14             | 13.004 | 244  | 533299   | 80.455  | ng    | 0.00        |
| Target Compounds              |        |      |          |         |       |             |
| 22) Acetophenone              | 7.292  | 105  | 71793    | 14.301  | ng    | Qvalue # 93 |
| 84) Bis(2-ethylhexyl)phtha... | 14.033 | 149  | 740536   | 146.180 | ng    | 99          |
| -----                         |        |      |          |         |       |             |

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

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Sample : N2823-12  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-12

Quant Time: May 14 00:56:04 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  
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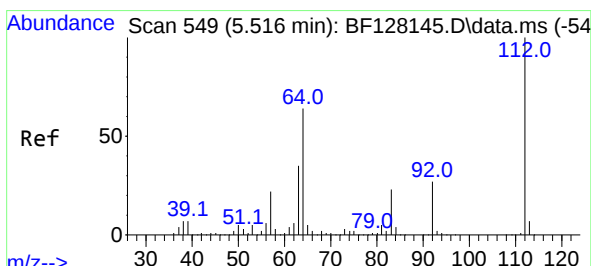
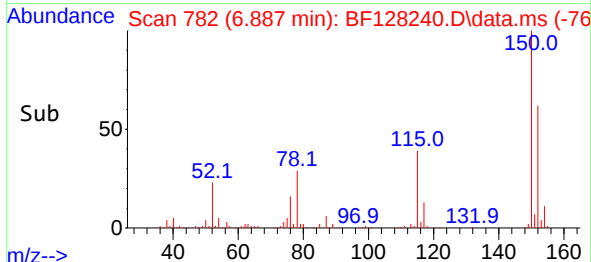
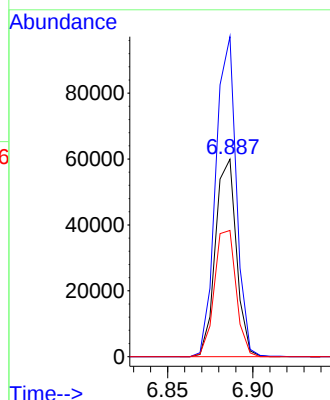
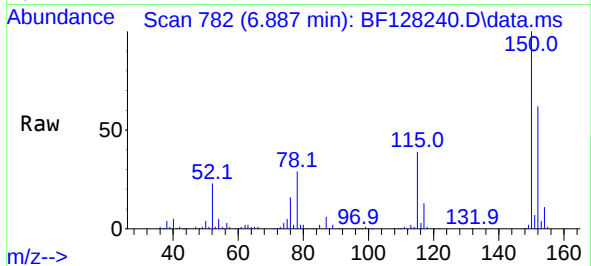




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

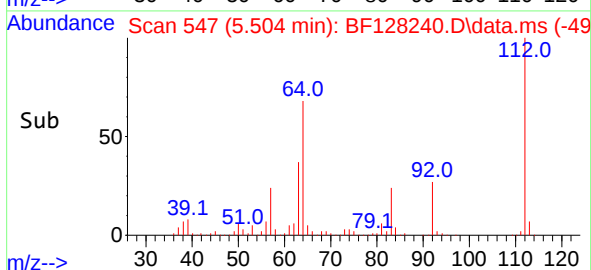
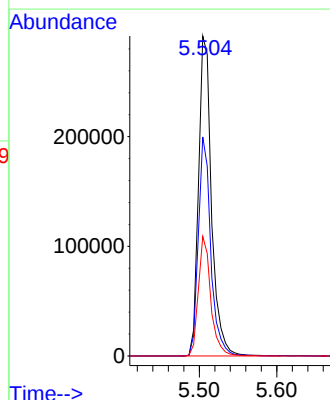
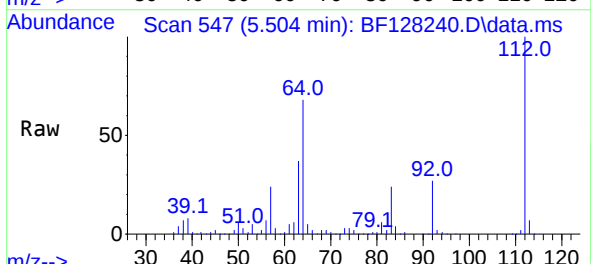
Instrument :  
BNA\_F  
ClientSampleId :  
SC-12

Tgt Ion:152 Resp: 51441  
Ion Ratio Lower Upper  
152 100  
150 162.1 125.3 187.9  
115 63.9 48.8 73.2



#5  
2-Fluorophenol  
Concen: 105.078 ng  
RT: 5.504 min Scan# 547  
Delta R.T. -0.006 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

Tgt Ion:112 Resp: 339075  
Ion Ratio Lower Upper  
112 100  
64 68.4 49.5 74.3  
63 37.4 26.3 39.5

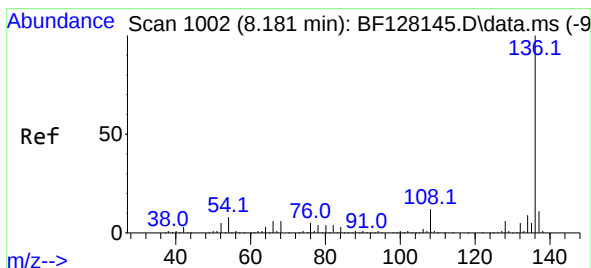
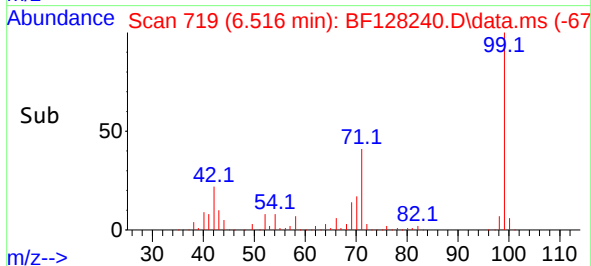
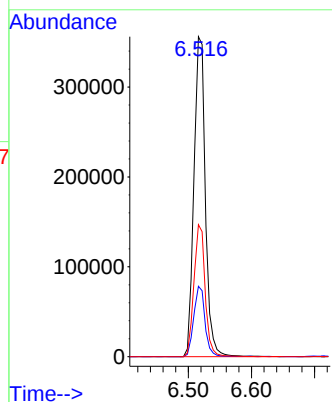
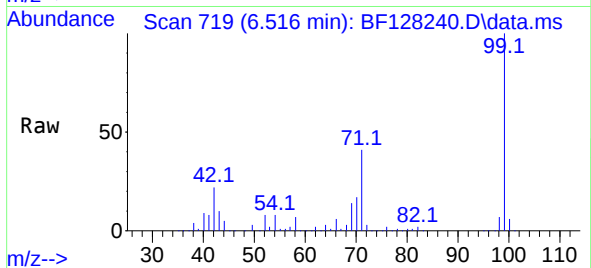




#7  
Phenol-d6  
Concen: 104.939 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

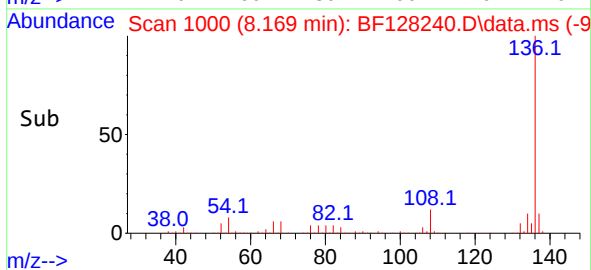
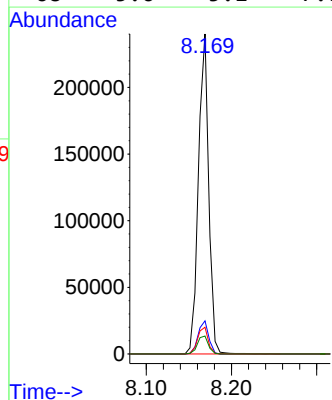
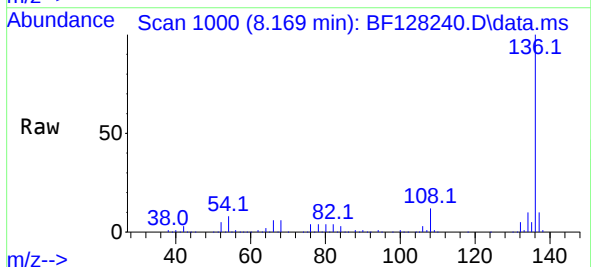
Instrument :  
BNA\_F  
ClientSampleId :  
SC-12

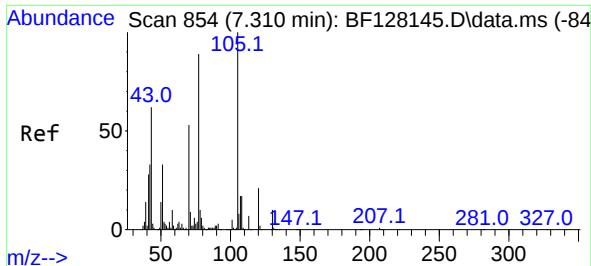
Tgt Ion: 99 Resp: 447887  
Ion Ratio Lower Upper  
99 100  
42 22.0 16.6 24.8  
71 41.2 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

Tgt Ion:136 Resp: 201609  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 8.4 6.8 10.2  
68 5.6 5.1 7.7

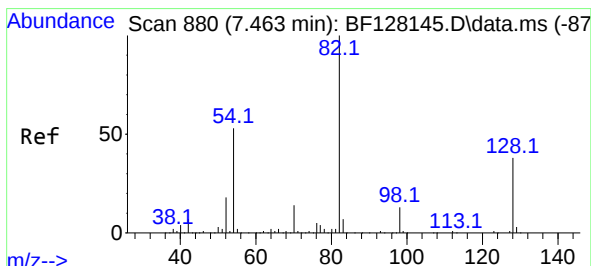
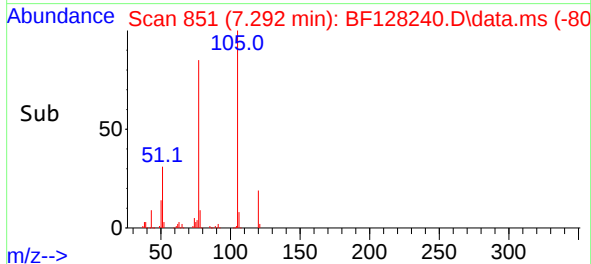
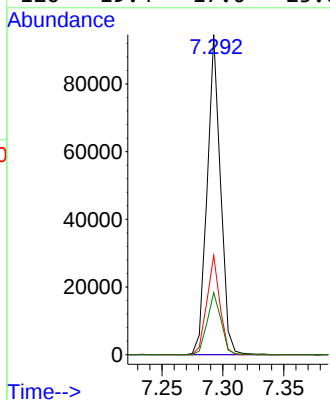
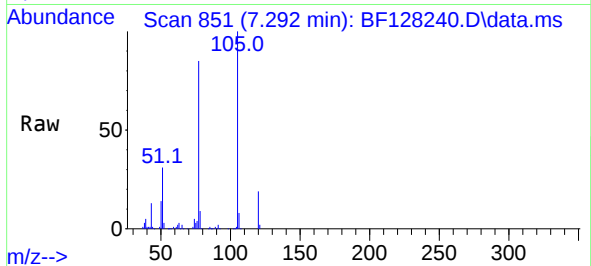




#22  
Acetophenone  
Concen: 14.301 ng  
RT: 7.292 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

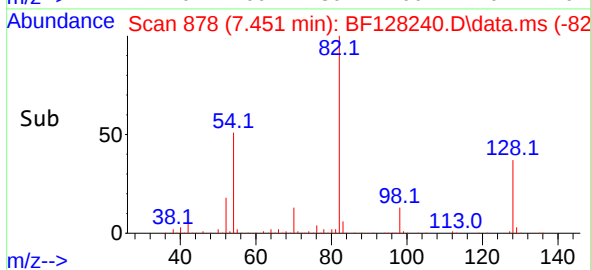
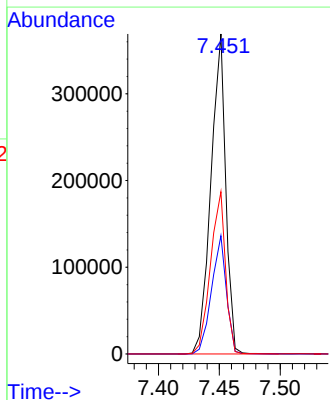
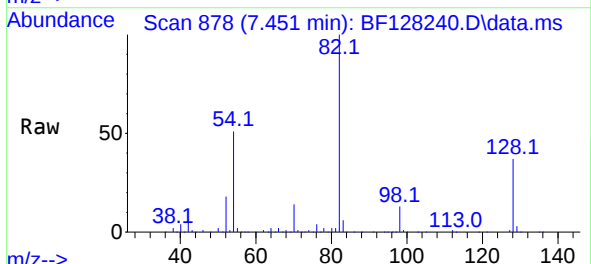
Instrument :  
BNA\_F  
ClientSampleId :  
SC-12

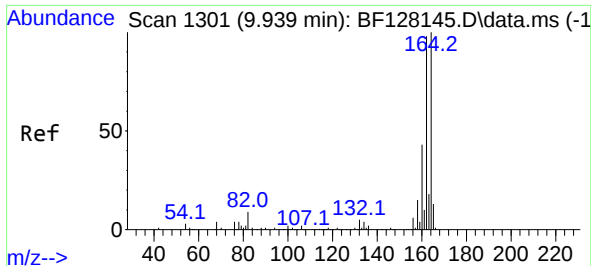
Tgt Ion:105 Resp: 71793  
Ion Ratio Lower Upper  
105 100  
71 0.0 7.3 10.9#  
51 31.0 23.7 35.5  
120 19.4 17.0 25.6



#23  
Nitrobenzene-d5  
Concen: 69.849 ng  
RT: 7.451 min Scan# 878  
Delta R.T. -0.012 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

Tgt Ion: 82 Resp: 312962  
Ion Ratio Lower Upper  
82 100  
128 37.0 30.0 45.0  
54 50.7 41.3 61.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128240.D

Acq: 13 May 2022 15:44

Instrument :

BNA\_F

ClientSampleId :

SC-12

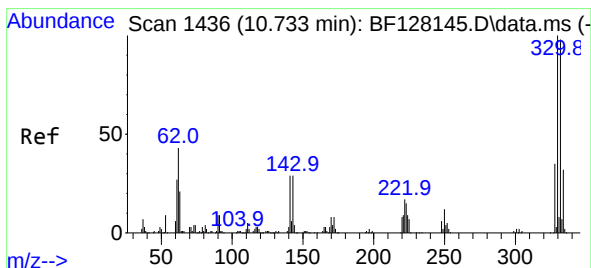
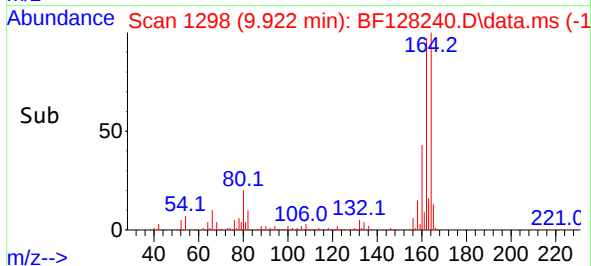
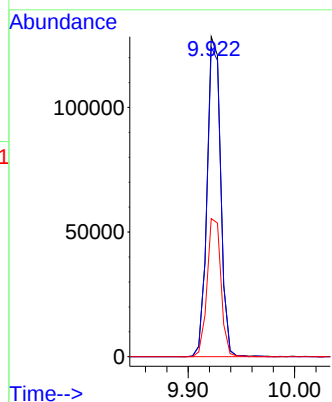
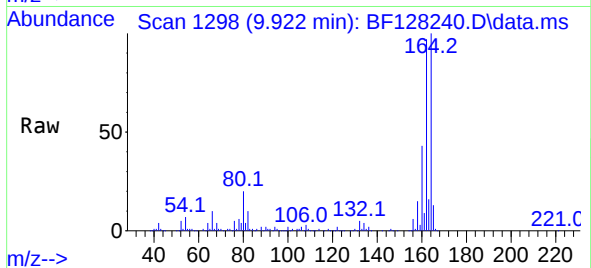
Tgt Ion:164 Resp: 114466

Ion Ratio Lower Upper

164 100

162 96.7 76.0 114.0

160 43.2 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 97.052 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128240.D

Acq: 13 May 2022 15:44

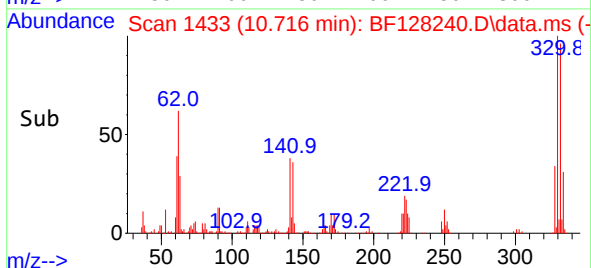
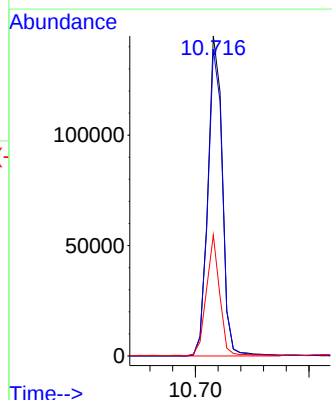
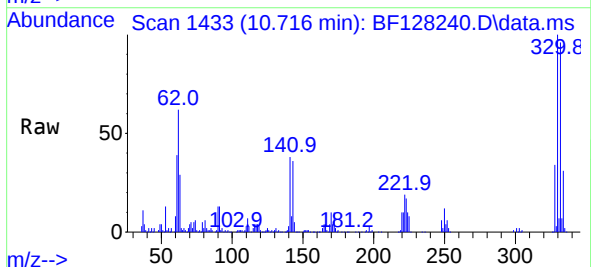
Tgt Ion:330 Resp: 127409

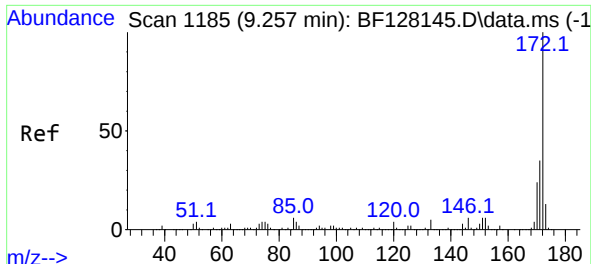
Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

141 34.6 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 73.143 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128240.D

Acq: 13 May 2022 15:44

Instrument :

BNA\_F

ClientSampleId :

SC-12

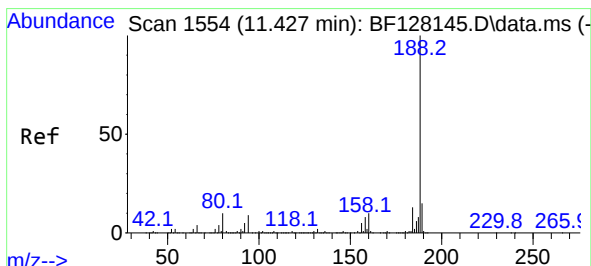
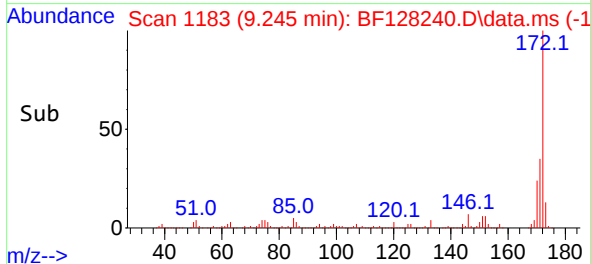
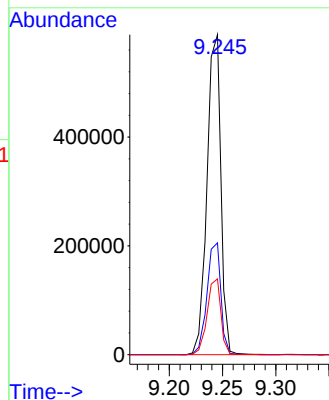
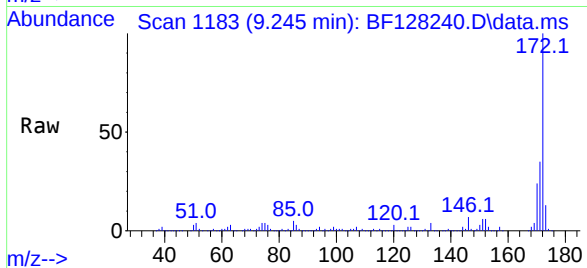
Tgt Ion:172 Resp: 535085

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.7 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: BF128240.D

Acq: 13 May 2022 15:44

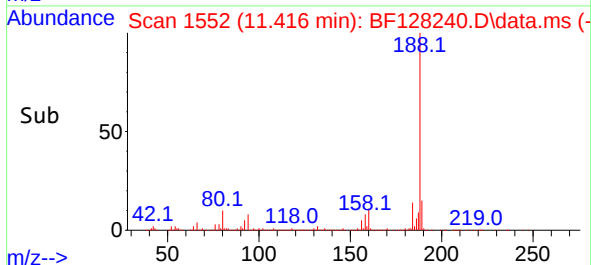
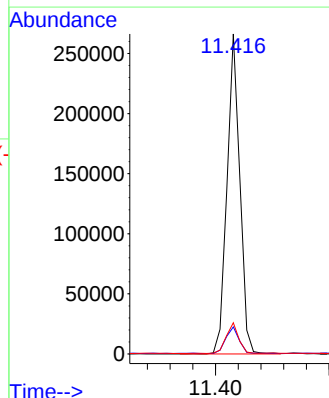
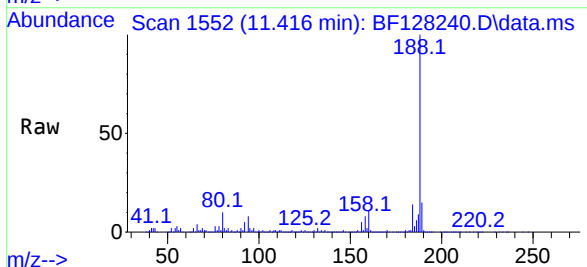
Tgt Ion:188 Resp: 208671

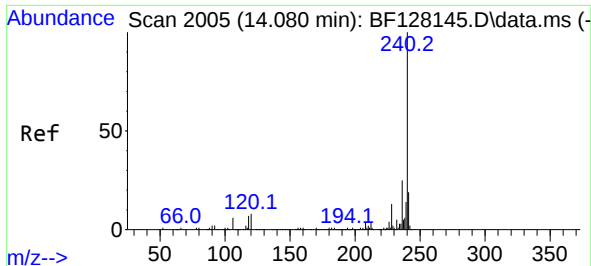
Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 9.7 8.9 13.3

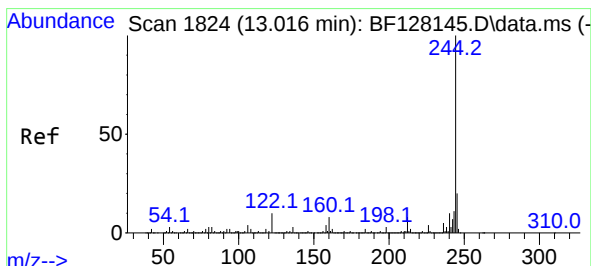
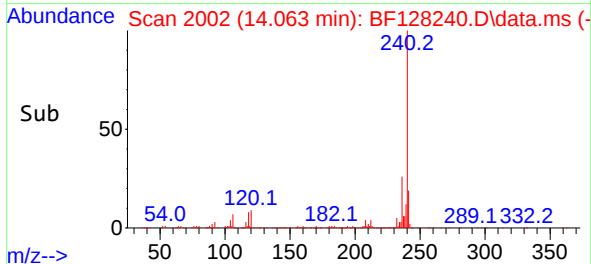
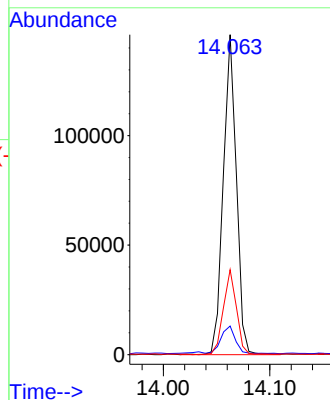
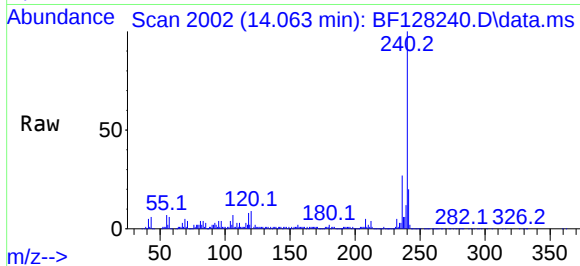




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

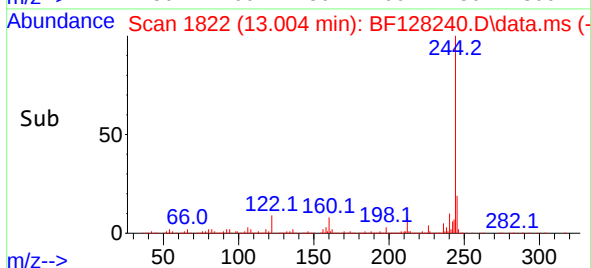
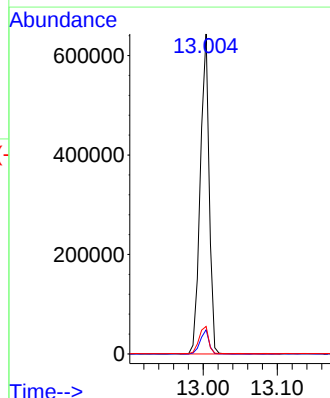
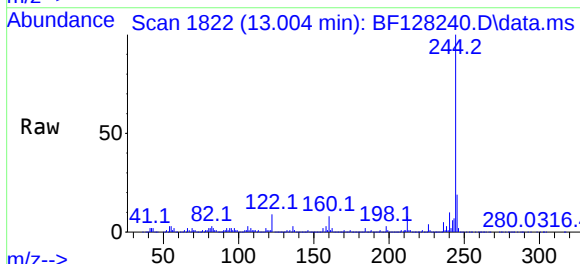
Instrument :  
BNA\_F  
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SC-12

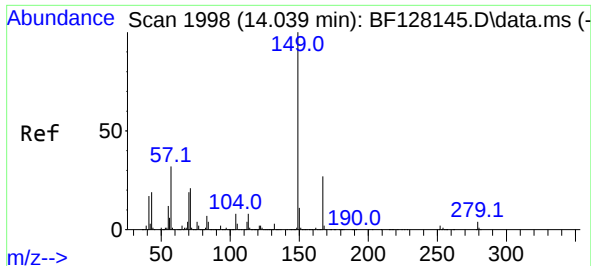
Tgt Ion:240 Resp: 124379  
Ion Ratio Lower Upper  
240 100  
120 8.9 7.0 10.6  
236 26.6 20.3 30.5



#79  
Terphenyl-d14  
Concen: 80.455 ng  
RT: 13.004 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

Tgt Ion:244 Resp: 533299  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.2 9.4  
122 8.6 8.6 12.8

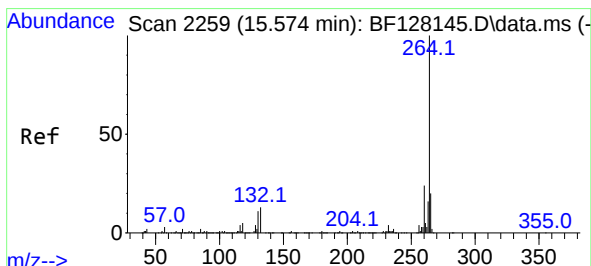
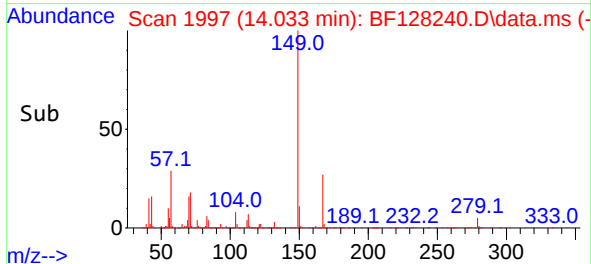
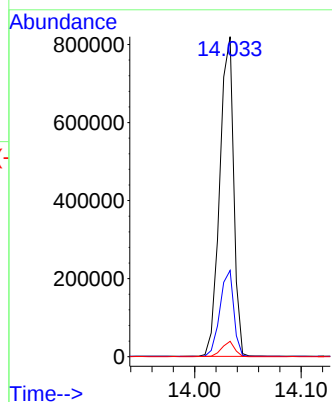
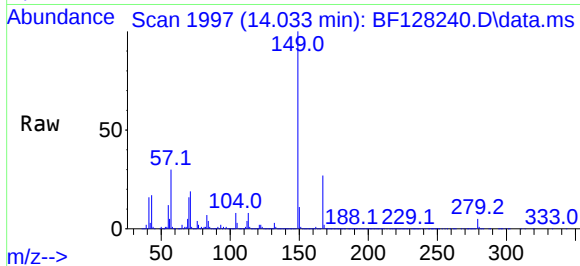




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 146.180 ng  
RT: 14.033 min Scan# 1998  
Delta R.T. 0.006 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

Instrument :  
BNA\_F  
ClientSampleId :  
SC-12

Tgt Ion:149 Resp: 740536  
Ion Ratio Lower Upper  
149 100  
167 26.9 22.0 33.0  
279 4.8 3.4 5.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.557 min Scan# 2256  
Delta R.T. -0.006 min  
Lab File: BF128240.D  
Acq: 13 May 2022 15:44

Tgt Ion:264 Resp: 128335  
Ion Ratio Lower Upper  
264 100  
260 22.9 20.1 30.1  
265 21.4 17.5 26.3

