

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
 Data File : BF128289.D  
 Acq On : 17 May 2022 14:16  
 Operator : CG\JU  
 Sample : N2852-04RE  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-725RE

Quant Time: May 18 01:33:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 01:31:11 2022  
 Response via : Initial Calibration

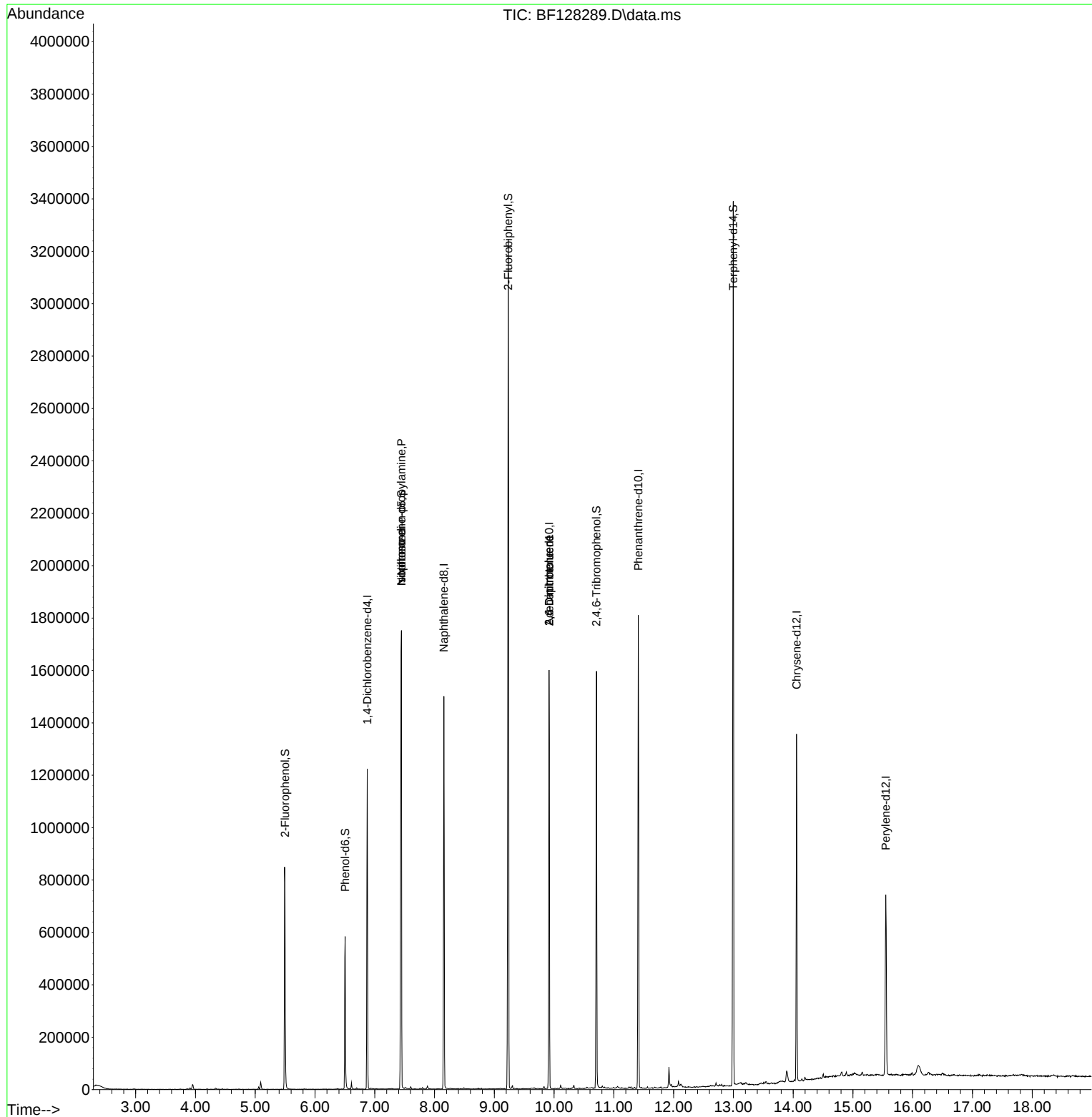
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 153667   | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 587320   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 330962   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 610882   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 447868   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 308671   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 220156   | 22.839    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 176433   | 13.838    | ng     | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 631743   | 48.400    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 169292   | 44.601    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 985144   | 46.575    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1134478  | 47.531    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.498  | 77   | 427      | Below Cal | #      | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 86637    | 11.034    | ng     | # 78     |
| 25) Isophorone                | 7.445  | 82   | 631738   | 30.872    | ng     | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 41932    | 8.950     | ng     | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 41932    | 6.693     | ng     | # 26     |
| -----                         |        |      |          |           |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
Data File : BF128289.D  
Acq On : 17 May 2022 14:16  
Operator : CG\JU  
Sample : N2852-04RE  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-725RE

Quant Time: May 18 01:33:38 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 18 01:31:11 2022  
Response via : Initial Calibration

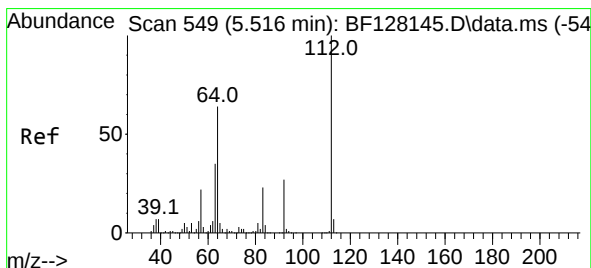
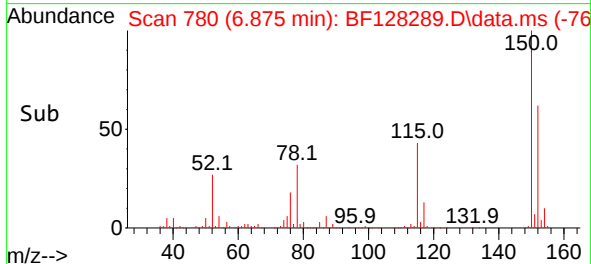
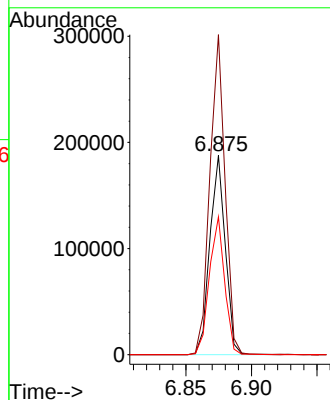
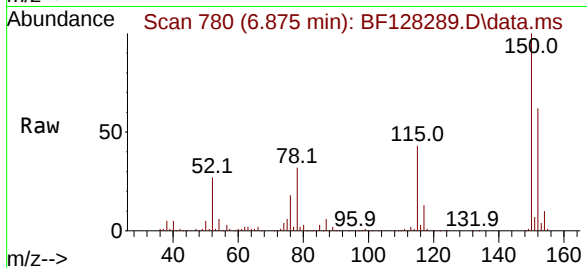




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

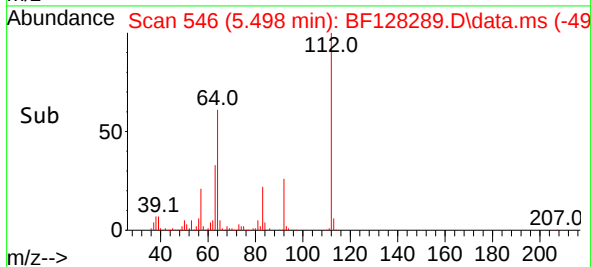
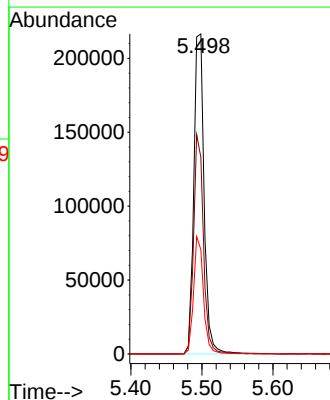
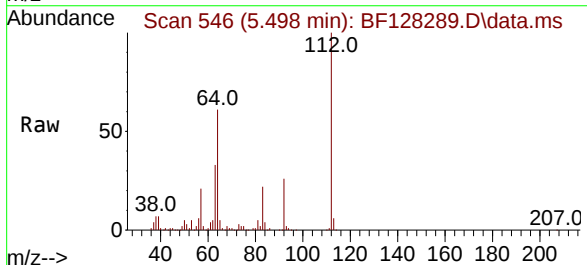
Instrument :  
BNA\_F  
ClientSampleId :  
MH-725RE

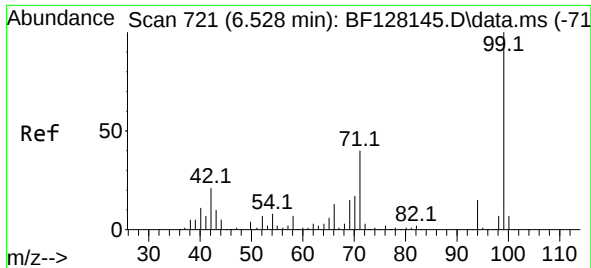
Tgt Ion:152 Resp: 153667  
Ion Ratio Lower Upper  
152 100  
150 160.6 125.3 187.9  
115 69.2 48.8 73.2



#5  
2-Fluorophenol  
Concen: 22.839 ng  
RT: 5.498 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

Tgt Ion:112 Resp: 220156  
Ion Ratio Lower Upper  
112 100  
64 61.5 49.5 74.3  
63 32.6 26.3 39.5

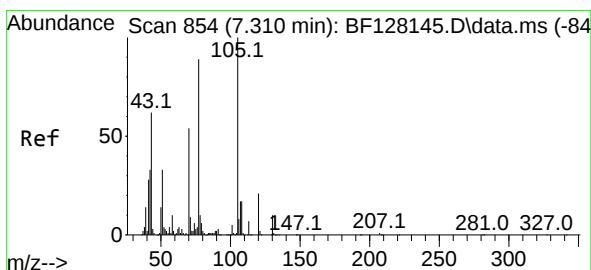
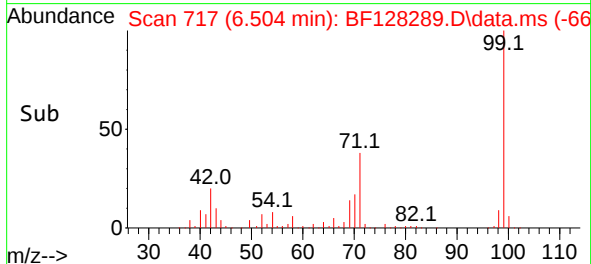
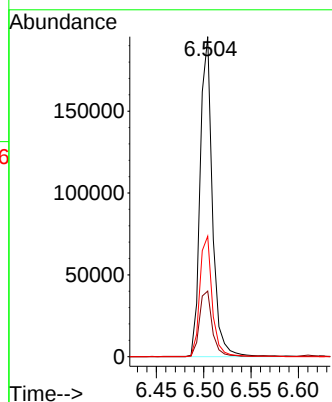
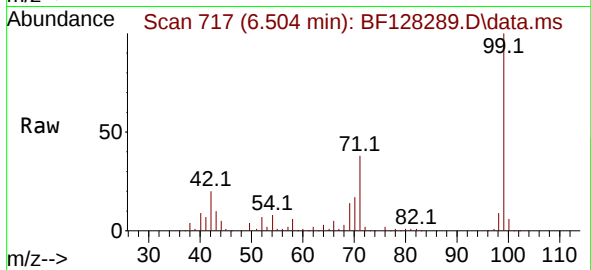




#7  
Phenol-d6  
Concen: 13.838 ng  
RT: 6.504 min Scan# 717  
Delta R.T. -0.012 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

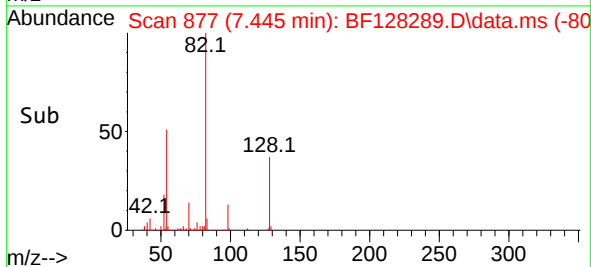
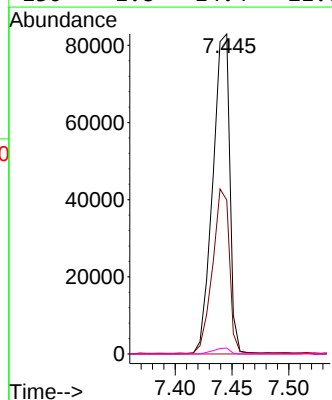
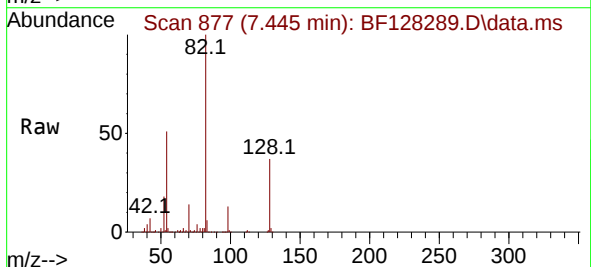
Instrument :  
BNA\_F  
ClientSampleId :  
MH-725RE

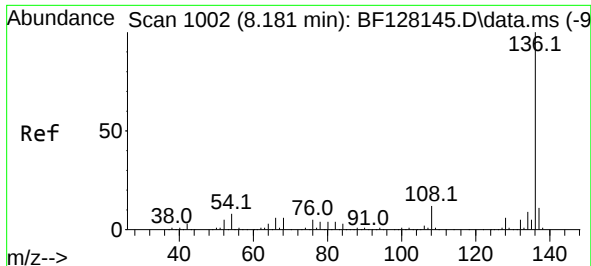
Tgt Ion: 99 Resp: 176433  
Ion Ratio Lower Upper  
99 100  
42 20.5 16.6 24.8  
71 37.7 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.034 ng  
RT: 7.445 min Scan# 877  
Delta R.T. 0.147 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

Tgt Ion: 70 Resp: 86637  
Ion Ratio Lower Upper  
70 100  
42 48.1 48.7 73.1#  
101 0.0 7.2 10.8#  
130 1.8 14.4 21.6#

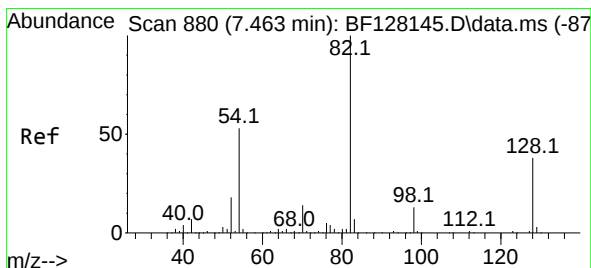
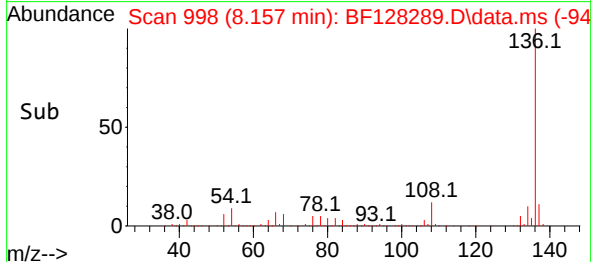
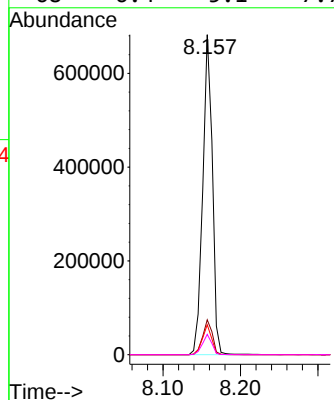
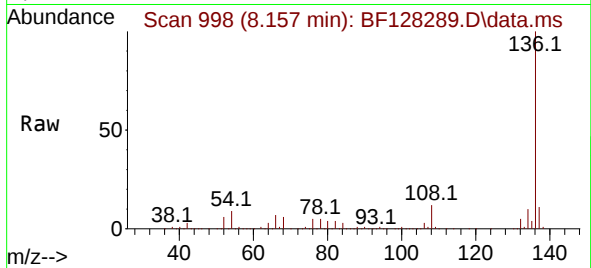




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

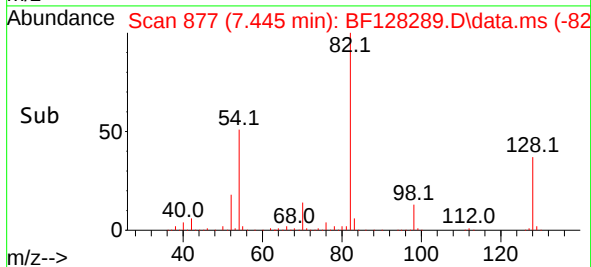
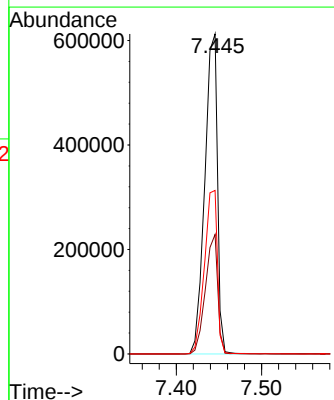
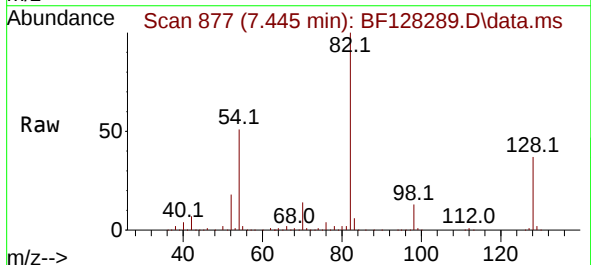
Instrument :  
BNA\_F  
ClientSampleId :  
MH-725RE

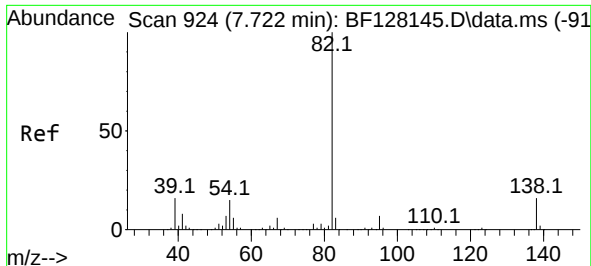
Tgt Ion:136 Resp: 587320  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.3 6.8 10.2  
68 6.4 5.1 7.7



#23  
Nitrobenzene-d5  
Concen: 48.400 ng  
RT: 7.445 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

Tgt Ion: 82 Resp: 631743  
Ion Ratio Lower Upper  
82 100  
128 37.4 30.0 45.0  
54 51.1 41.3 61.9

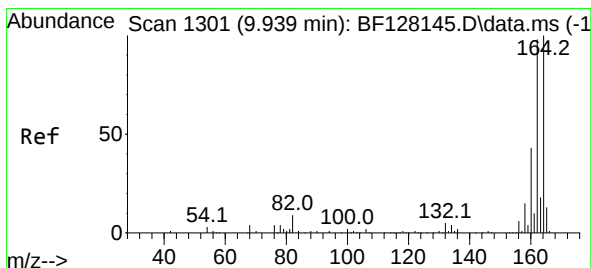
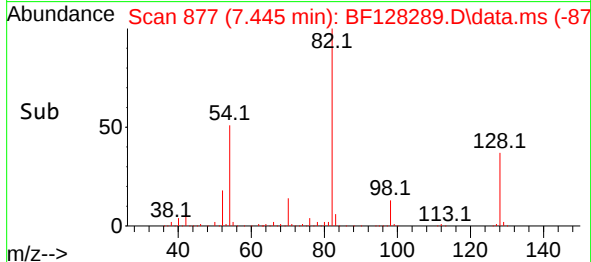
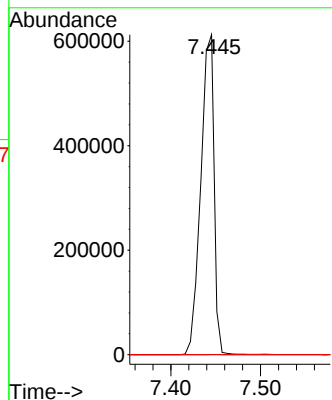
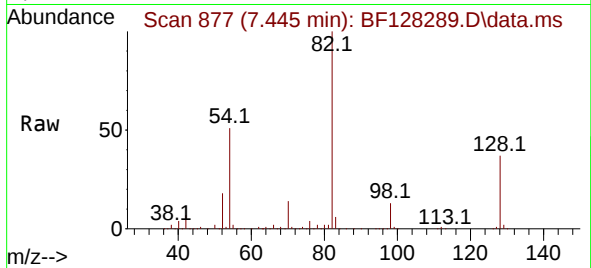




#25  
Isophorone  
Concen: 30.872 ng  
RT: 7.445 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

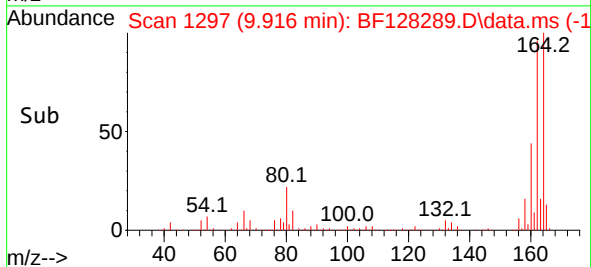
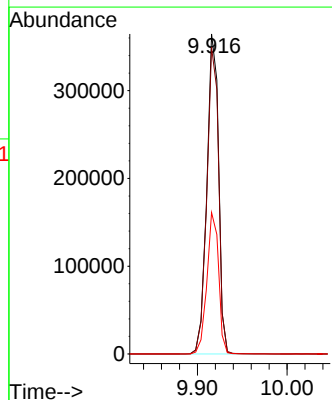
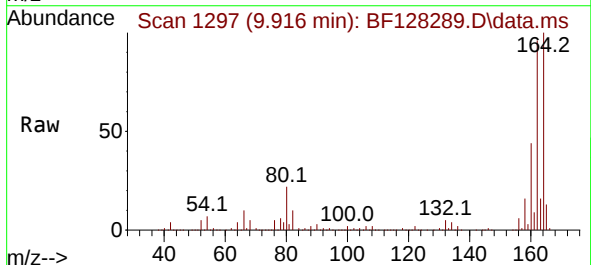
Instrument :  
BNA\_F  
ClientSampleId :  
MH-725RE

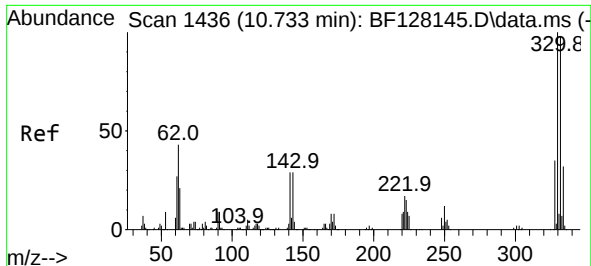
Tgt Ion: 82 Resp: 631738  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

Tgt Ion:164 Resp: 330962  
Ion Ratio Lower Upper  
164 100  
162 95.8 76.0 114.0  
160 44.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 44.601 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF128289.D

Acq: 17 May 2022 14:16

Instrument :

BNA\_F

ClientSampleId :

MH-725RE

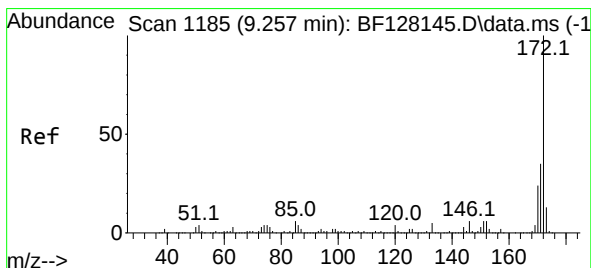
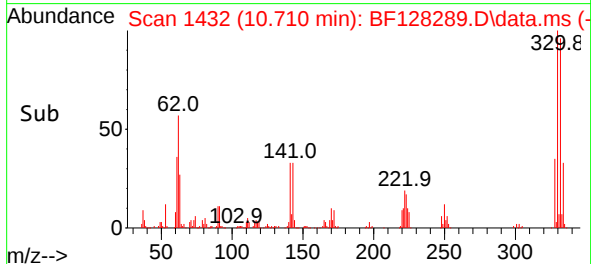
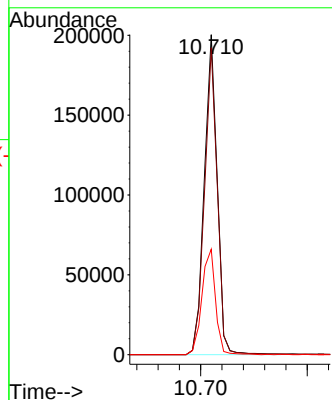
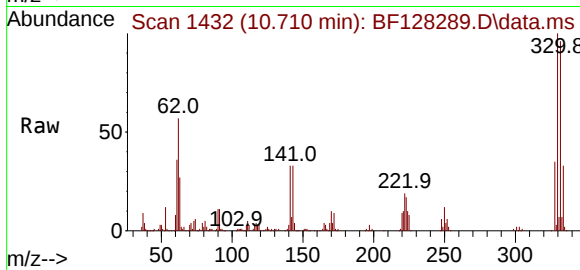
Tgt Ion:330 Resp: 169292

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 34.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 46.575 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128289.D

Acq: 17 May 2022 14:16

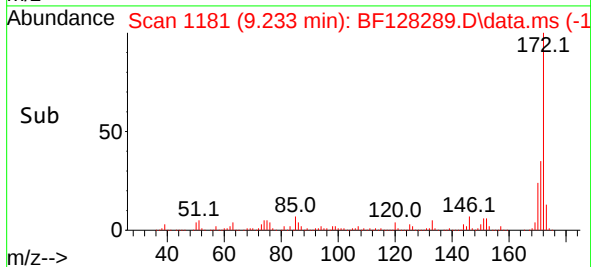
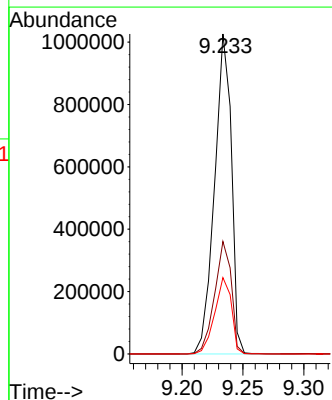
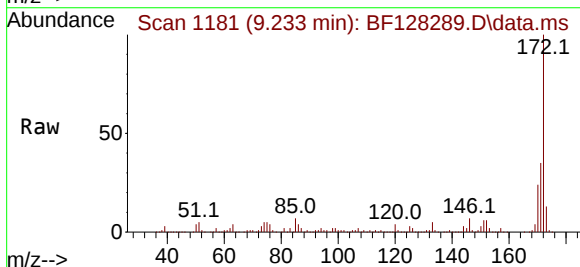
Tgt Ion:172 Resp: 985144

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.950 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.206 min

Lab File: BF128289.D

Acq: 17 May 2022 14:16

Instrument :

BNA\_F

ClientSampleId :

MH-725RE

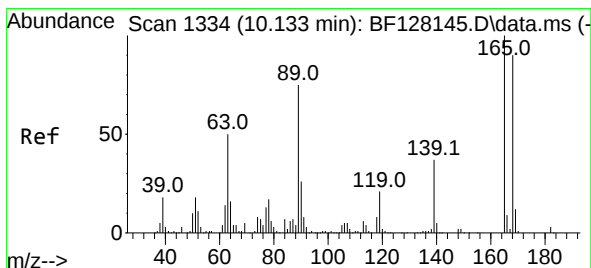
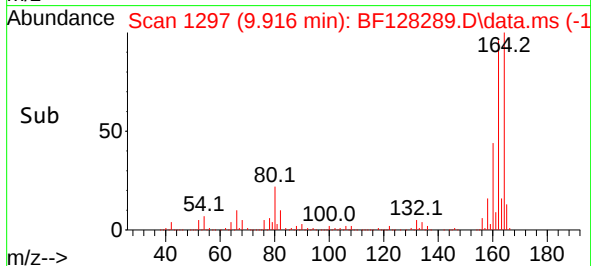
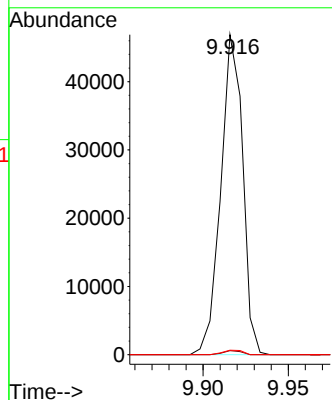
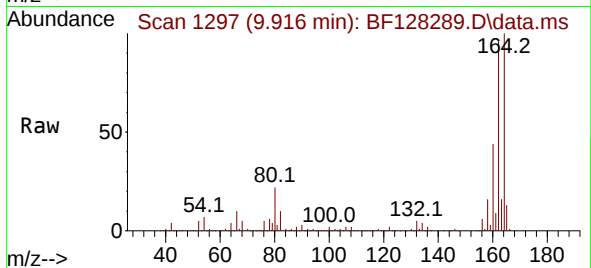
Tgt Ion:165 Resp: 41932

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.693 ng

RT: 9.916 min Scan# 1297

Delta R.T. -0.206 min

Lab File: BF128289.D

Acq: 17 May 2022 14:16

Tgt Ion:165 Resp: 41932

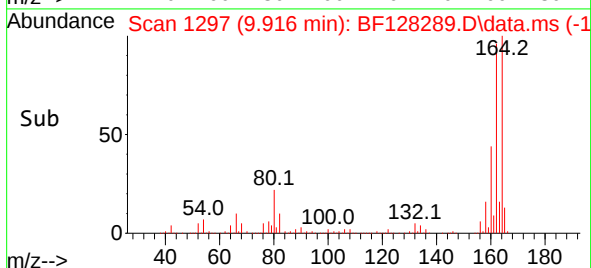
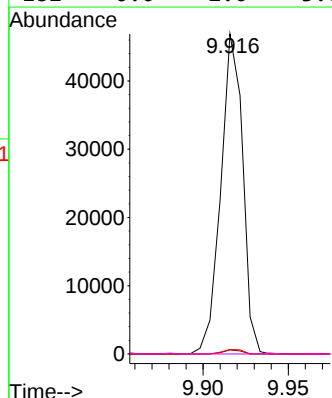
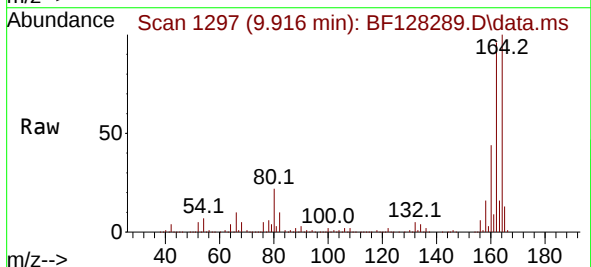
Ion Ratio Lower Upper

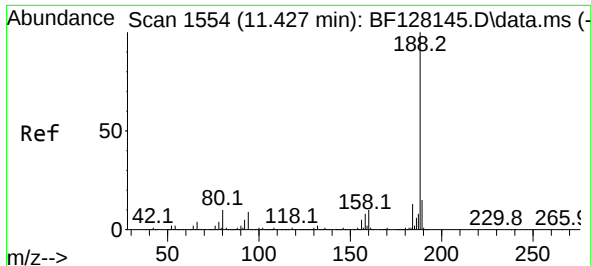
165 100

63 1.3 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#

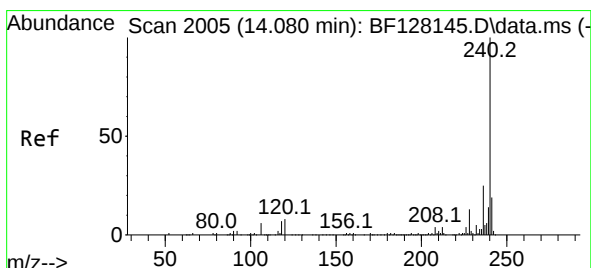
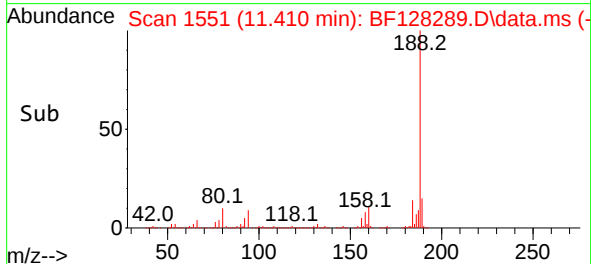
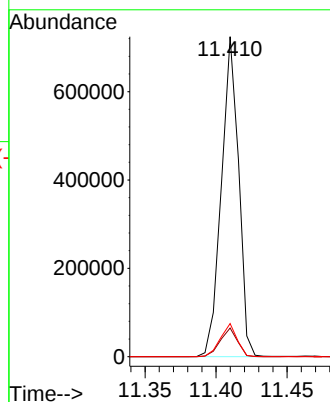
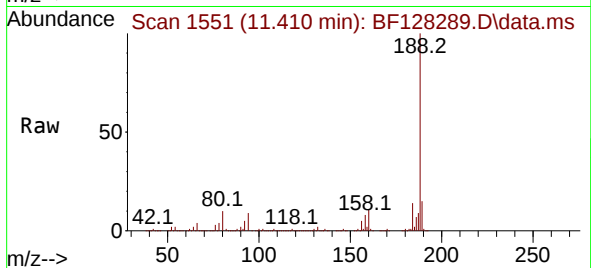




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

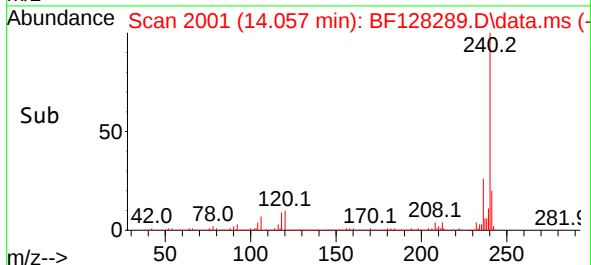
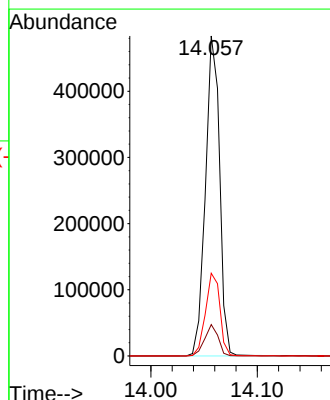
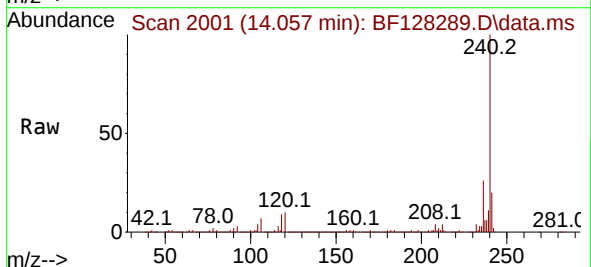
Instrument :  
BNA\_F  
ClientSampleId :  
MH-725RE

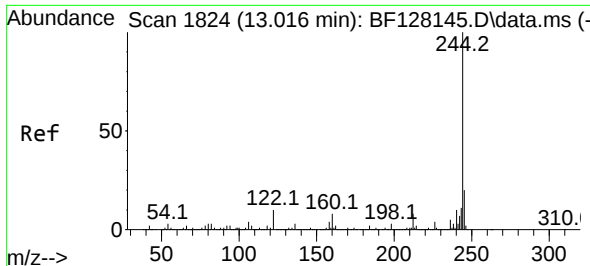
Tgt Ion:188 Resp: 610882  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.0 12.0  
80 10.3 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BF128289.D  
Acq: 17 May 2022 14:16

Tgt Ion:240 Resp: 447868  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.0 10.6  
236 25.8 20.3 30.5

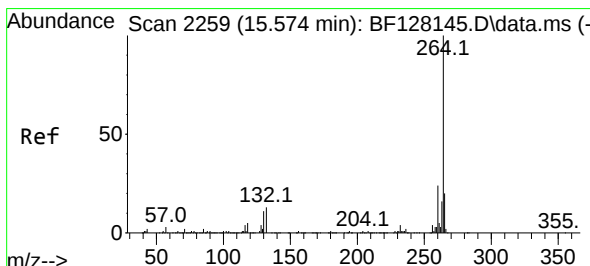
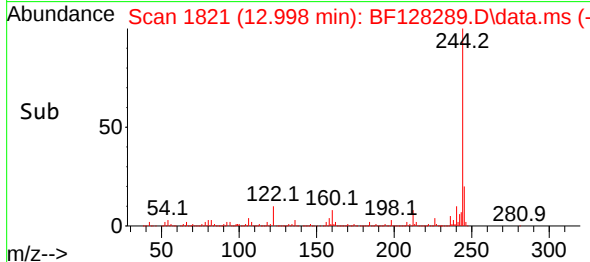
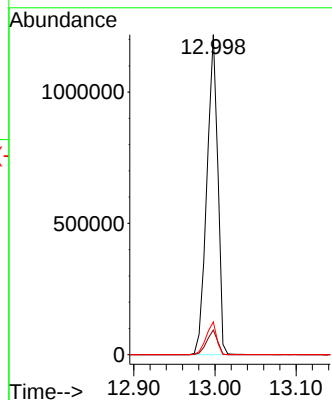
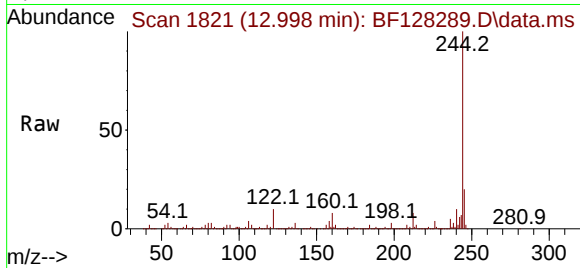




#79  
 Terphenyl-d14  
 Concen: 47.531 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF128289.D  
 Acq: 17 May 2022 14:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-725RE

Tgt Ion:244 Resp: 1134478  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.4  
 122 10.2 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 2255  
 Delta R.T. -0.006 min  
 Lab File: BF128289.D  
 Acq: 17 May 2022 14:16

Tgt Ion:264 Resp: 308671  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 20.1 30.1  
 265 21.9 17.5 26.3

