

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031722\  
 Data File : BF127380.D  
 Acq On : 17 Mar 2022 17:16  
 Operator : CG\JU  
 Sample : N1943-05  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TB2

Quant Time: Mar 18 04:40:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 10 16:51:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.863  | 152  | 105573   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 385271   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 209260   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 300778   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.045 | 240  | 218223   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.533 | 264  | 158645   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.499  | 112  | 614660   | 93.594 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 837219   | 92.671 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 581815   | 62.366 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 152629   | 67.755 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 889321   | 60.084 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.980 | 244  | 644294   | 50.840 | ng    | -0.01    |

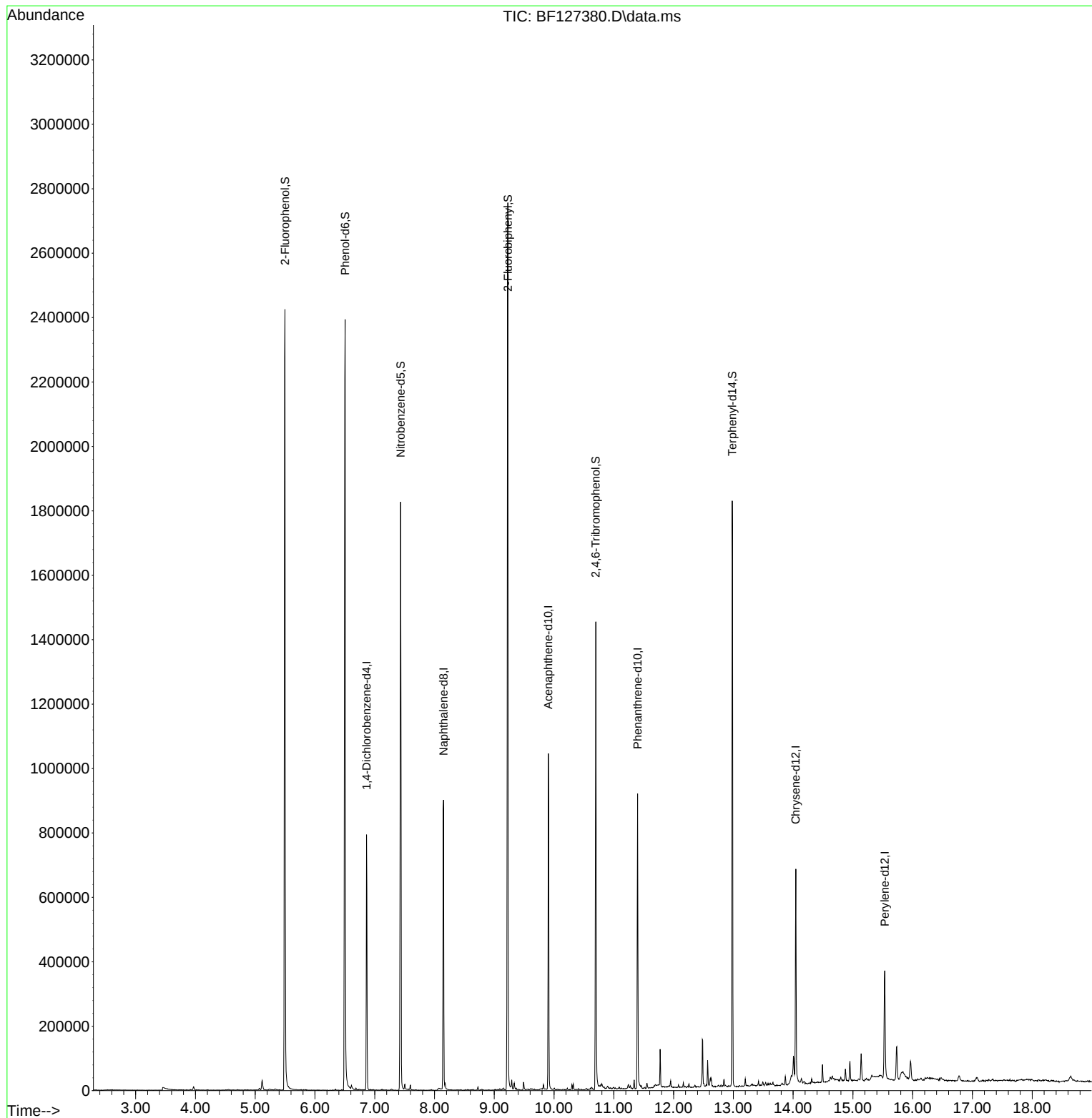
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Sample : N1943-05  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
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TB2

Quant Time: Mar 18 04:40:00 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 10 16:51:53 2022  
Response via : Initial Calibration

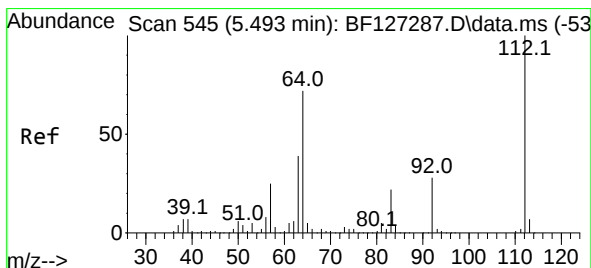
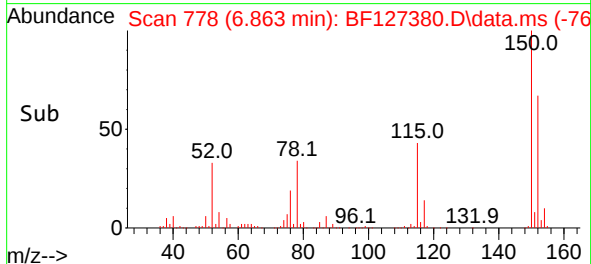
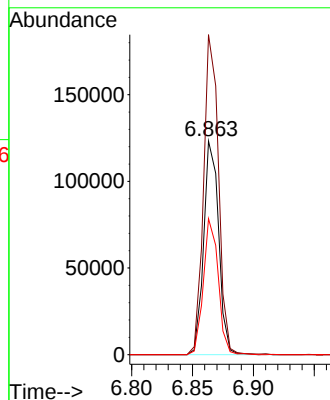
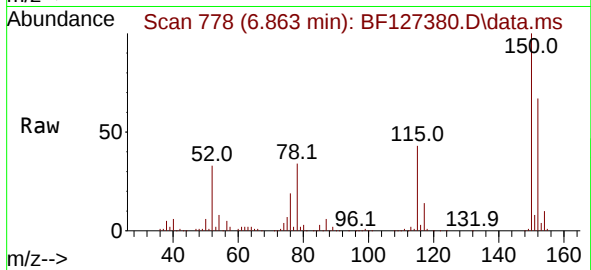




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127380.D  
Acq: 17 Mar 2022 17:16

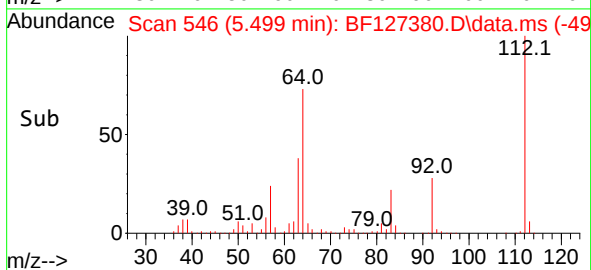
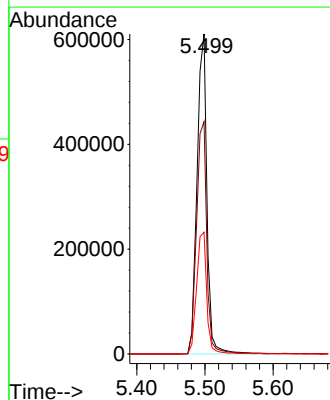
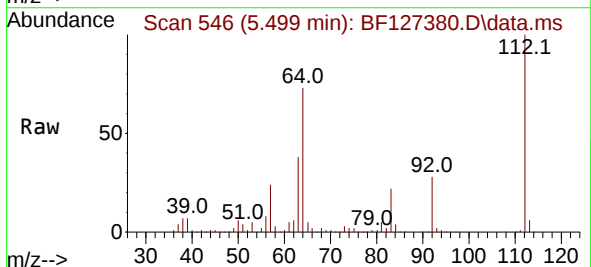
Instrument :  
BNA\_F  
ClientSampleId :  
TB2

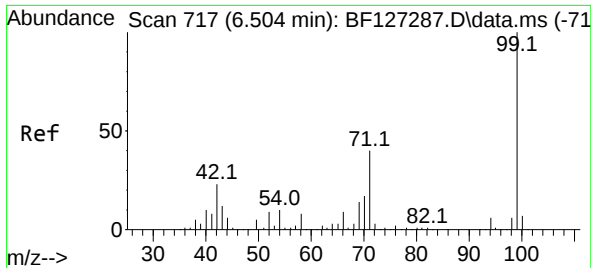
Tgt Ion:152 Resp: 105573  
Ion Ratio Lower Upper  
152 100  
150 149.8 128.1 192.1  
115 63.7 56.7 85.1



#5  
2-Fluorophenol  
Concen: 93.594 ng  
RT: 5.499 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: BF127380.D  
Acq: 17 Mar 2022 17:16

Tgt Ion:112 Resp: 614660  
Ion Ratio Lower Upper  
112 100  
64 72.6 49.5 74.3  
63 38.0 23.9 35.9#





#7

Phenol-d6

Concen: 92.671 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127380.D

Acq: 17 Mar 2022 17:16

Instrument :

BNA\_F

ClientSampleId :

TB2

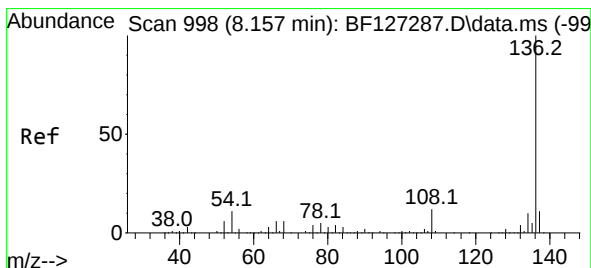
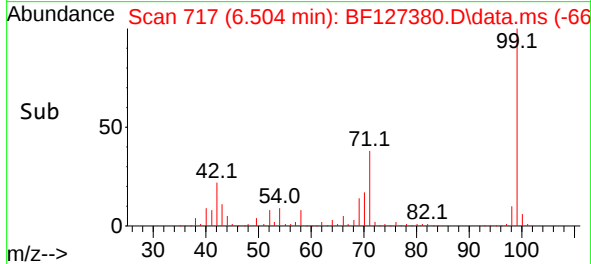
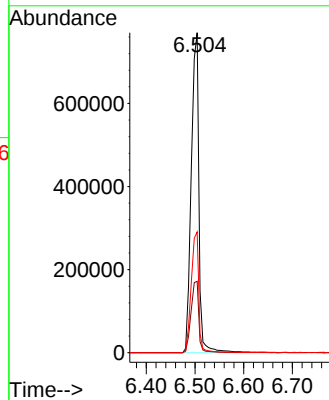
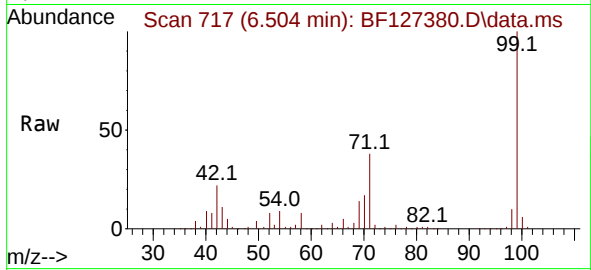
Tgt Ion: 99 Resp: 837219

Ion Ratio Lower Upper

99 100

42 22.3 14.2 21.4#

71 37.7 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF127380.D

Acq: 17 Mar 2022 17:16

Tgt Ion:136 Resp: 385271

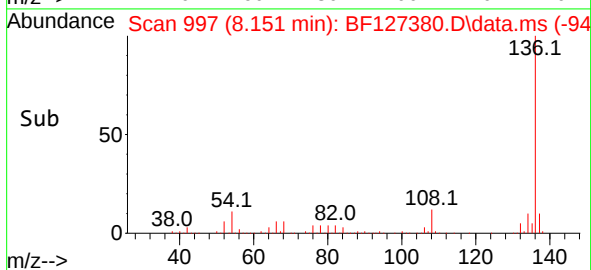
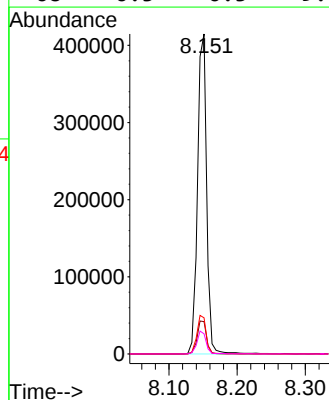
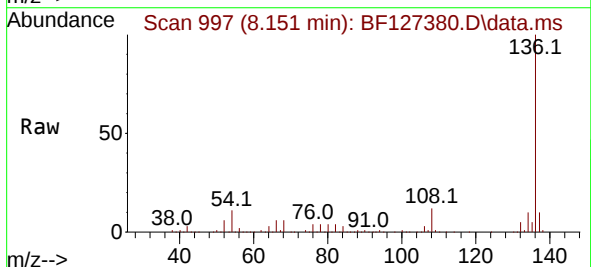
Ion Ratio Lower Upper

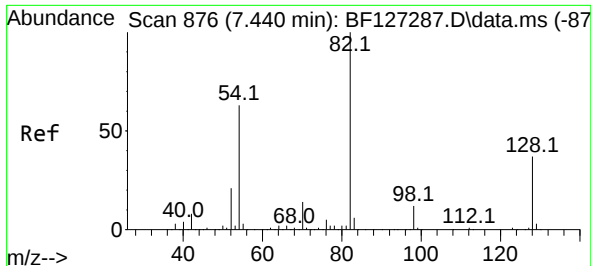
136 100

137 10.1 8.6 13.0

54 11.3 7.8 11.6

68 6.3 6.3 9.5





#23

Nitrobenzene-d5

Concen: 62.366 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127380.D

Acq: 17 Mar 2022 17:16

Instrument :

BNA\_F

ClientSampleId :

TB2

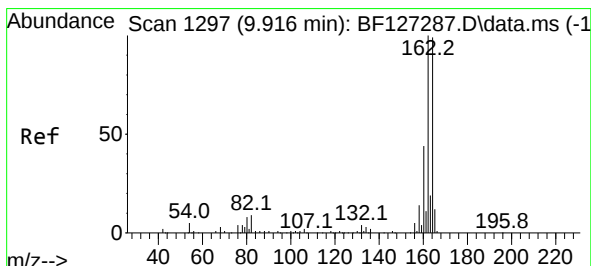
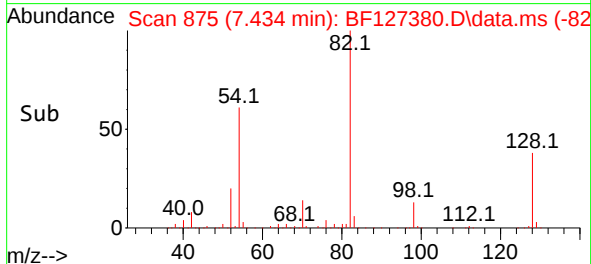
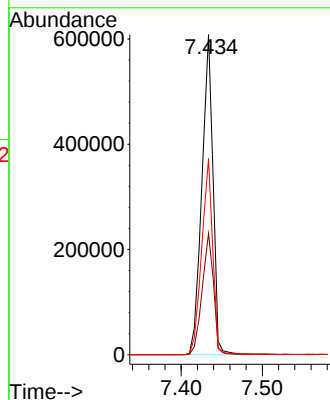
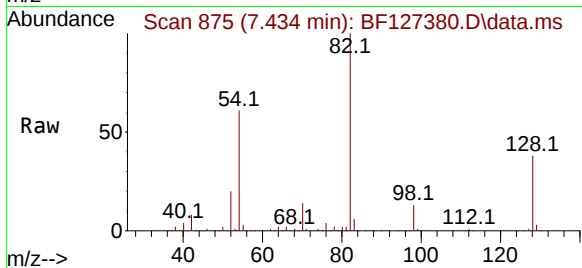
Tgt Ion: 82 Resp: 581815

Ion Ratio Lower Upper

82 100

128 37.9 32.7 49.1

54 61.2 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.012 min

Lab File: BF127380.D

Acq: 17 Mar 2022 17:16

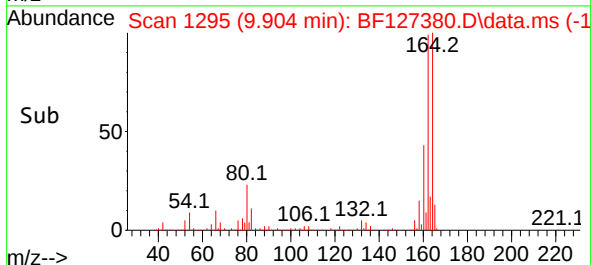
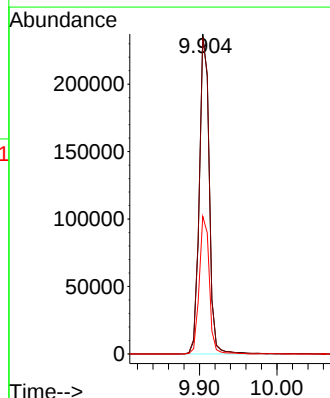
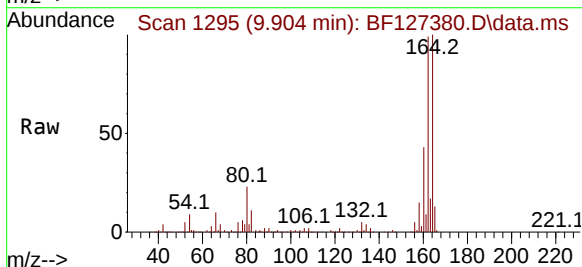
Tgt Ion: 164 Resp: 209260

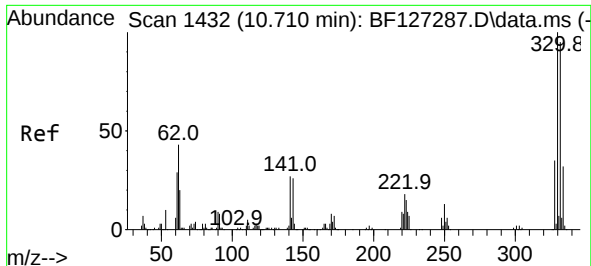
Ion Ratio Lower Upper

164 100

162 98.8 81.4 122.0

160 43.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 67.755 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127380.D

Acq: 17 Mar 2022 17:16

Instrument :

BNA\_F

ClientSampleId :

TB2

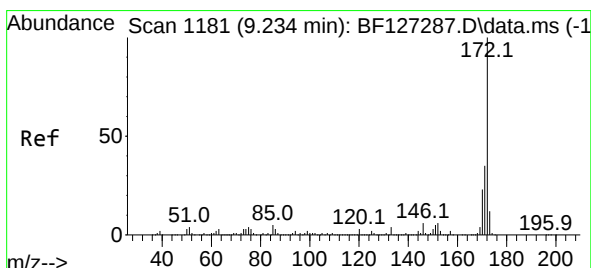
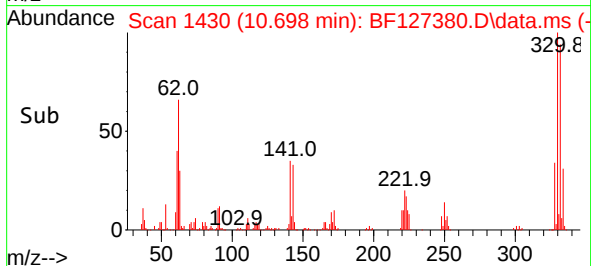
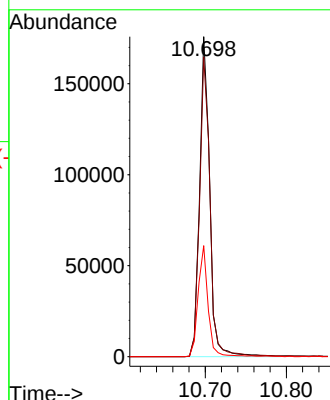
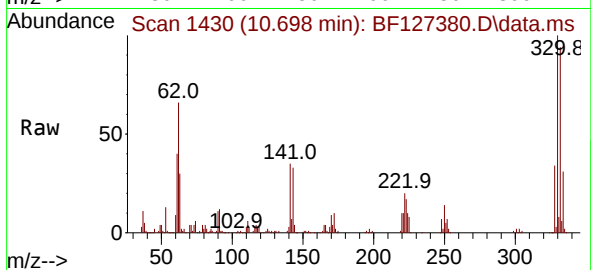
Tgt Ion:330 Resp: 152629

Ion Ratio Lower Upper

330 100

332 96.5 76.0 114.0

141 34.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 60.084 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127380.D

Acq: 17 Mar 2022 17:16

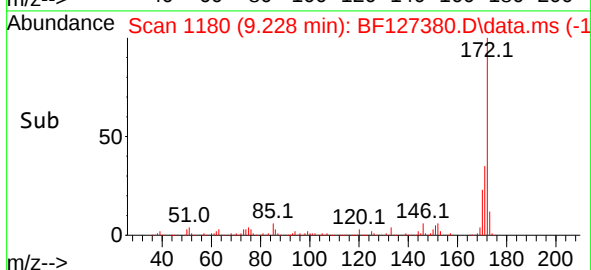
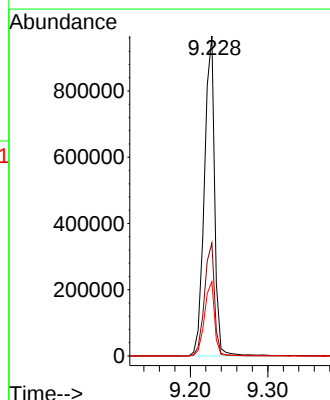
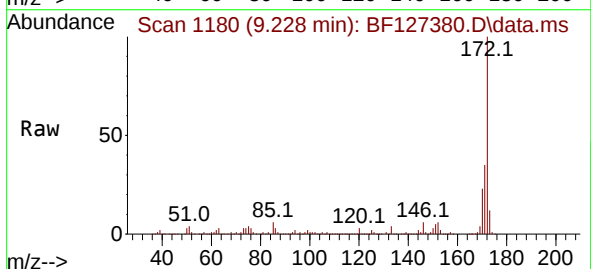
Tgt Ion:172 Resp: 889321

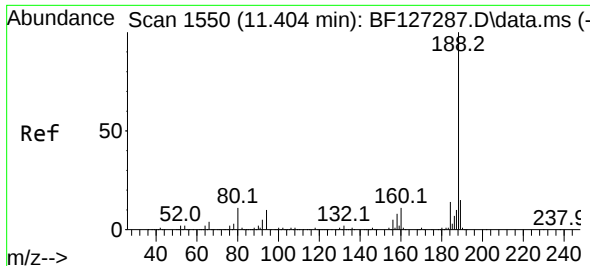
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.2 19.0 28.6

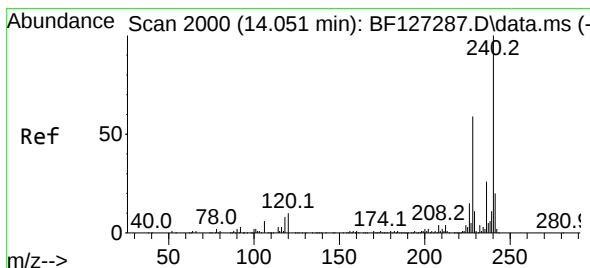
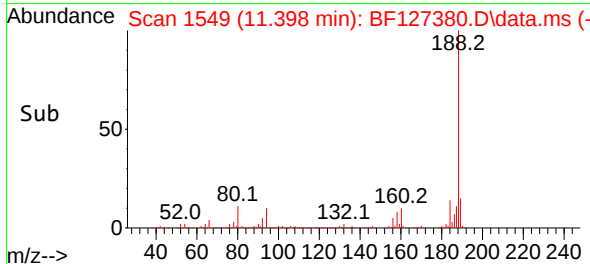
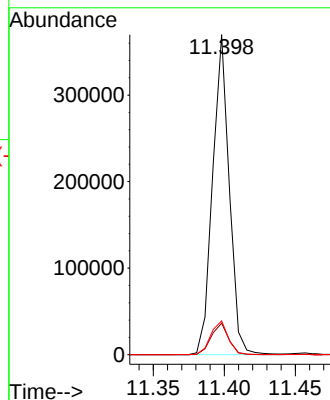
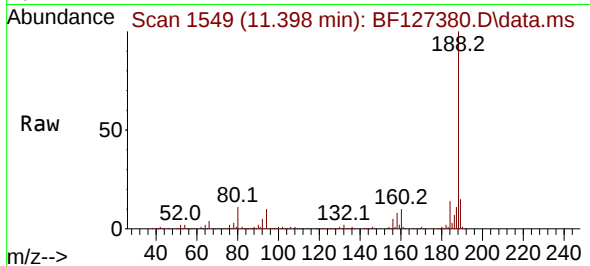




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127380.D  
Acq: 17 Mar 2022 17:16

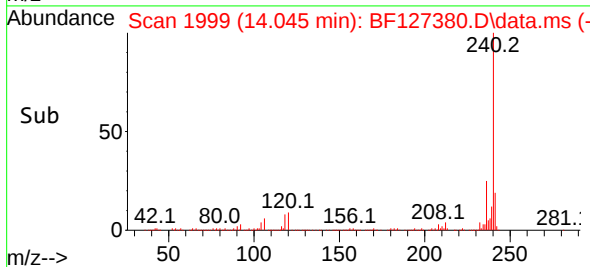
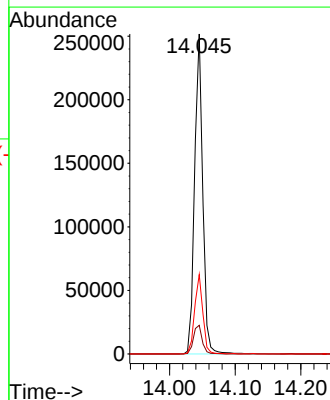
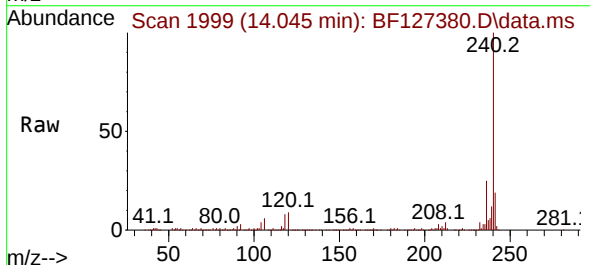
Instrument :  
BNA\_F  
ClientSampleId :  
TB2

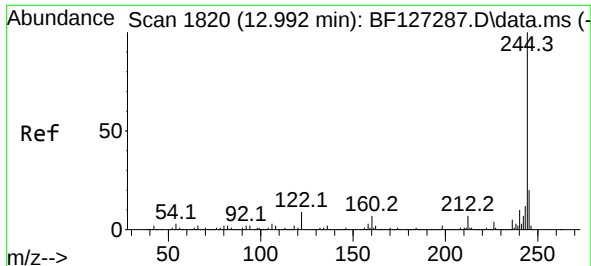
Tgt Ion:188 Resp: 300778  
Ion Ratio Lower Upper  
188 100  
94 9.9 10.1 15.1#  
80 10.5 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 1999  
Delta R.T. -0.006 min  
Lab File: BF127380.D  
Acq: 17 Mar 2022 17:16

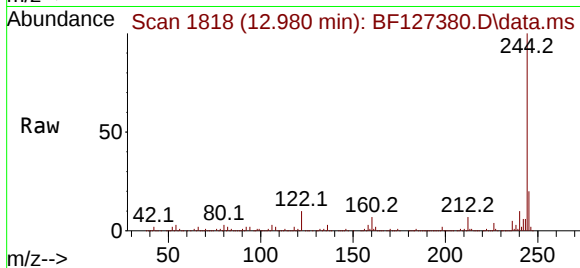
Tgt Ion:240 Resp: 218223  
Ion Ratio Lower Upper  
240 100  
120 9.0 14.4 21.6#  
236 24.8 20.5 30.7



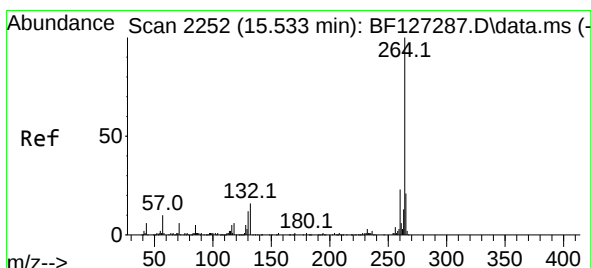
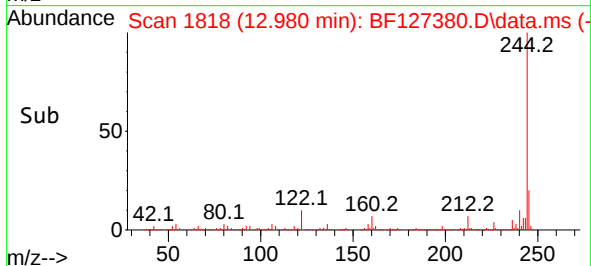
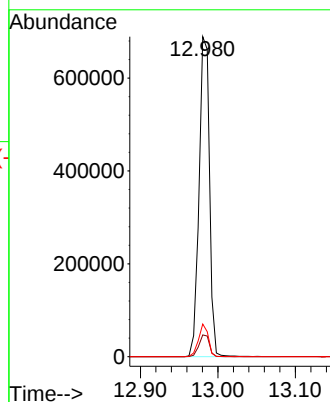


#79  
 Terphenyl-d14  
 Concen: 50.840 ng  
 RT: 12.980 min Scan# 1818  
 Delta R.T. -0.012 min  
 Lab File: BF127380.D  
 Acq: 17 Mar 2022 17:16

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TB2



Tgt Ion:244 Resp: 644294  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.0 7.4  
 122 10.2 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.533 min Scan# 2252  
 Delta R.T. -0.000 min  
 Lab File: BF127380.D  
 Acq: 17 Mar 2022 17:16

Tgt Ion:264 Resp: 158645  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.2 28.8  
 265 20.7 17.4 26.2

