

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031722\  
 Data File : BF127371.D  
 Acq On : 17 Mar 2022 12:53  
 Operator : CG\JU  
 Sample : N1943-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1

Quant Time: Mar 17 13:46:51 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  | 90275    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.145  | 136  | 334251   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.904  | 164  | 177641   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.398 | 188  | 287980   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.045 | 240  | 151522   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 15.533 | 264  | 166755   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.492  | 112  | 510687   | 90.940 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 709819   | 91.884 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.433  | 82   | 480903   | 59.418 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 97893    | 51.191 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 817229   | 65.041 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.986 | 244  | 649595   | 73.822 | ng    | 0.00     |

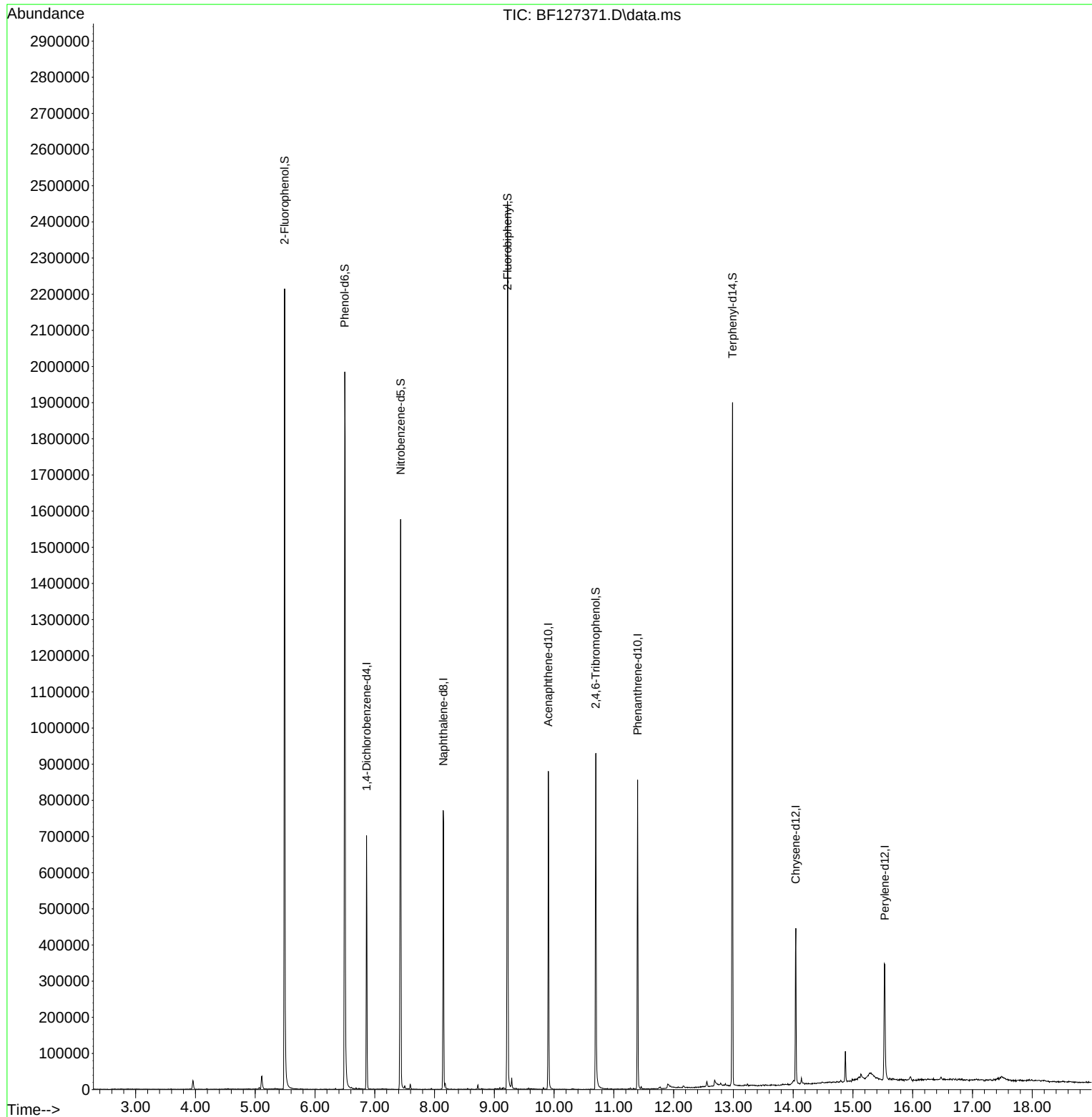
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

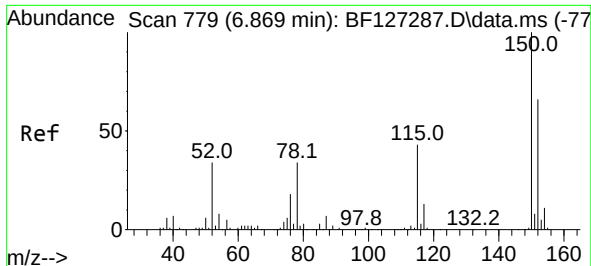
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 17 13:46:51 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

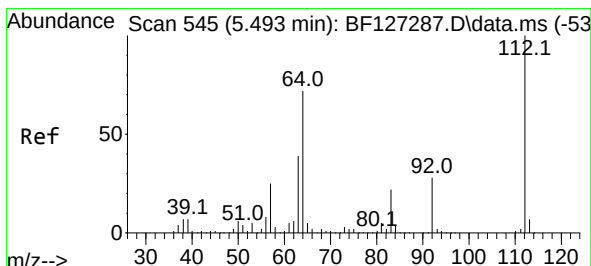
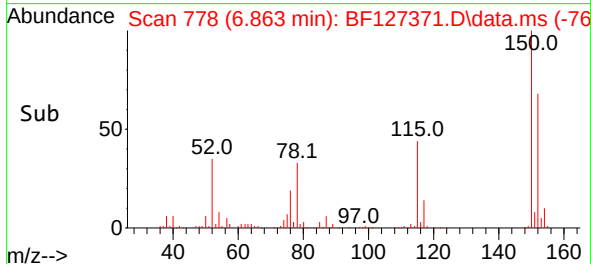
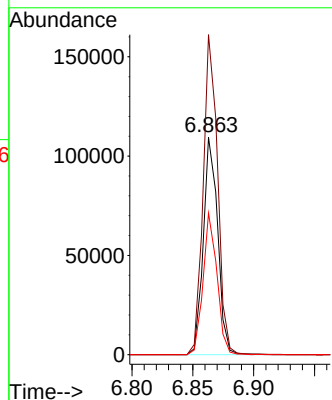
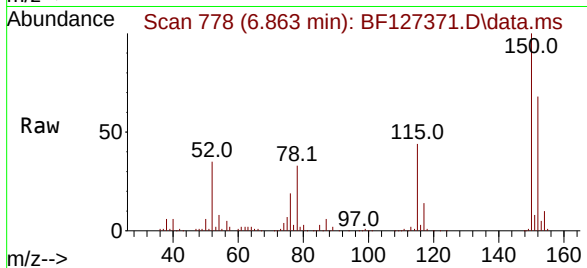




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127371.D  
Acq: 17 Mar 2022 12:53

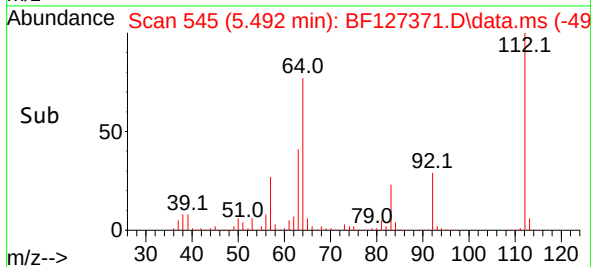
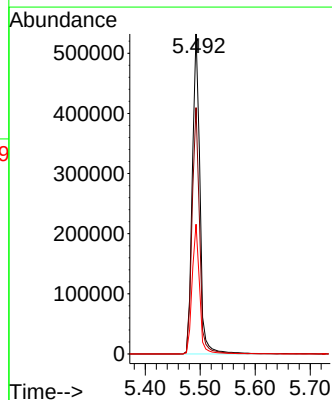
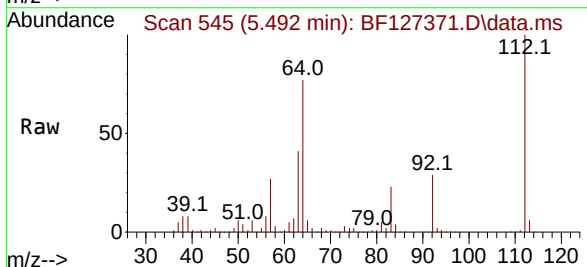
Instrument :  
BNA\_F  
ClientSampleId :  
B1

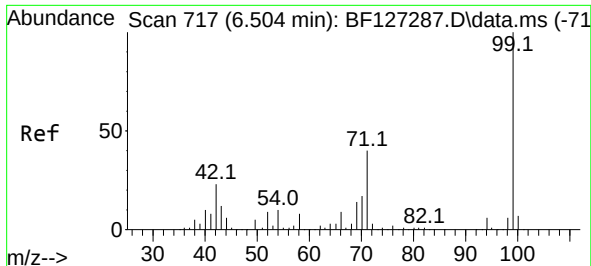
Tgt Ion:152 Resp: 90275  
Ion Ratio Lower Upper  
152 100  
150 147.3 128.1 192.1  
115 65.2 56.7 85.1



#5  
2-Fluorophenol  
Concen: 90.940 ng  
RT: 5.492 min Scan# 545  
Delta R.T. -0.000 min  
Lab File: BF127371.D  
Acq: 17 Mar 2022 12:53

Tgt Ion:112 Resp: 510687  
Ion Ratio Lower Upper  
112 100  
64 77.0 49.5 74.3#  
63 40.5 23.9 35.9#





#7

Phenol-d6

Concen: 91.884 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

Instrument :

BNA\_F

ClientSampleId :

B1

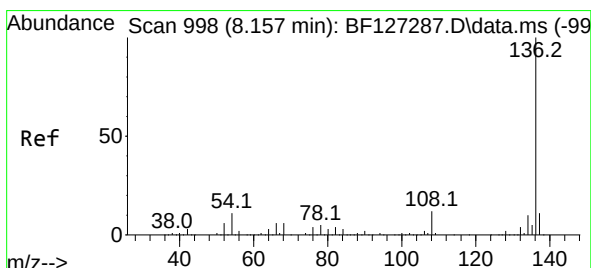
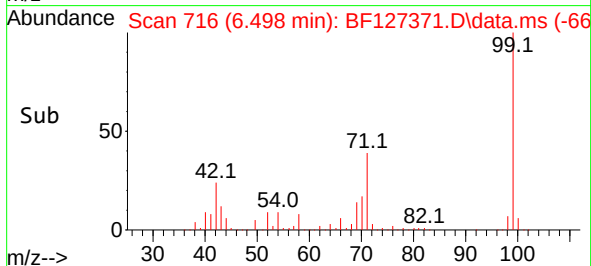
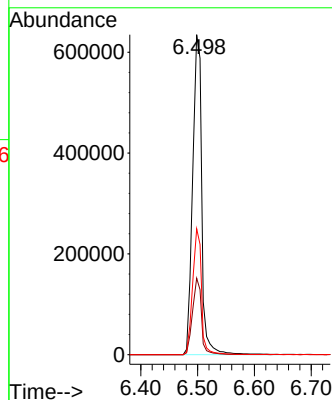
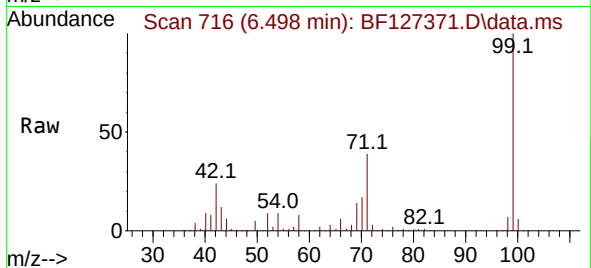
Tgt Ion: 99 Resp: 709819

Ion Ratio Lower Upper

99 100

42 23.9 14.2 21.4#

71 39.3 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 996

Delta R.T. -0.012 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

Tgt Ion: 136 Resp: 334251

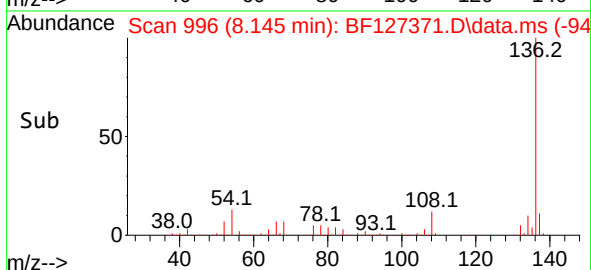
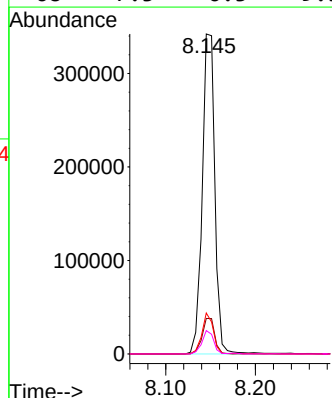
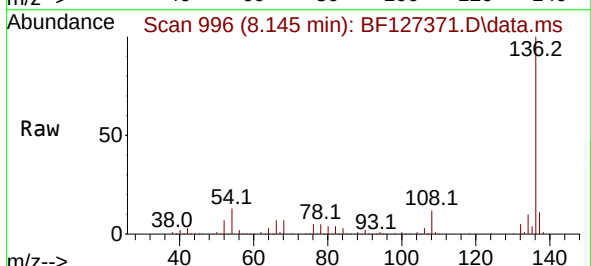
Ion Ratio Lower Upper

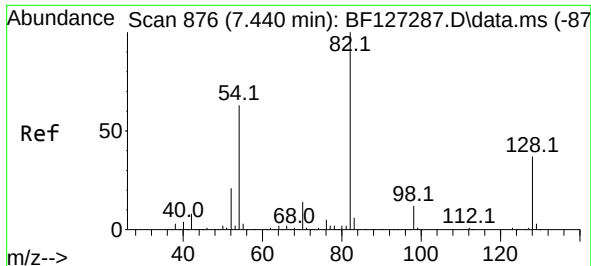
136 100

137 11.1 8.6 13.0

54 12.8 7.8 11.6#

68 7.3 6.3 9.5

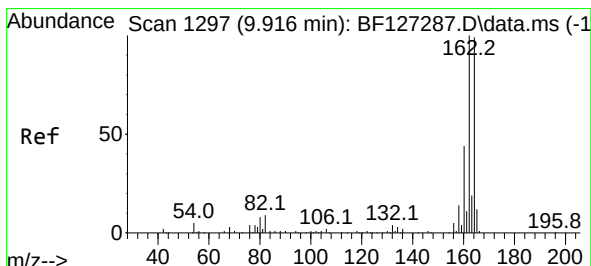
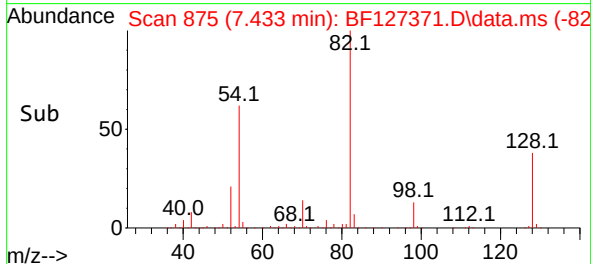
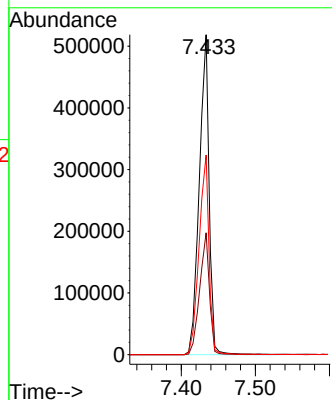
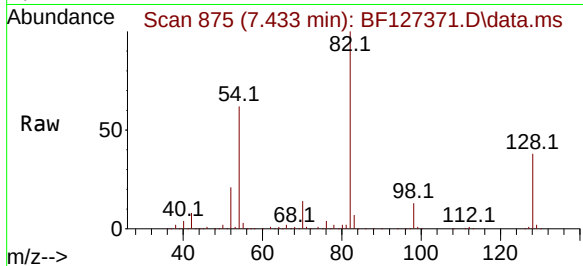




#23  
Nitrobenzene-d5  
Concen: 59.418 ng  
RT: 7.433 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF127371.D  
Acq: 17 Mar 2022 12:53

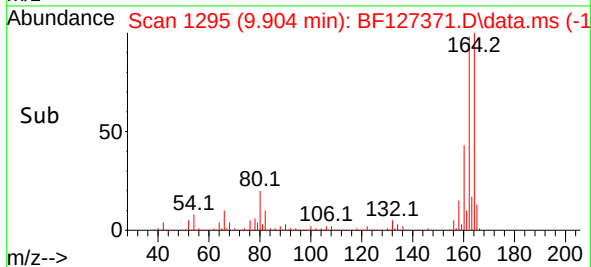
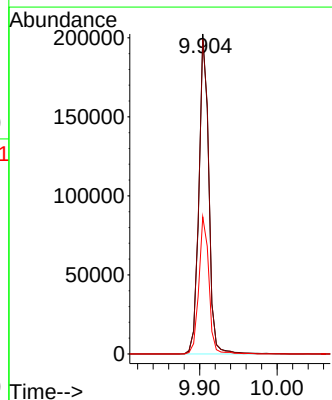
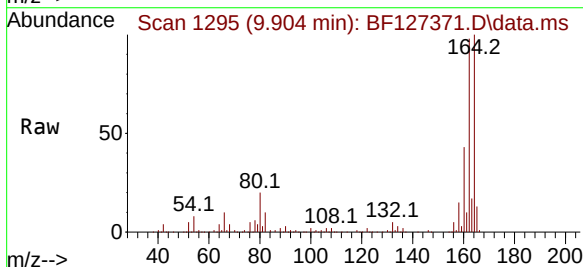
Instrument :  
BNA\_F  
ClientSampleId :  
B1

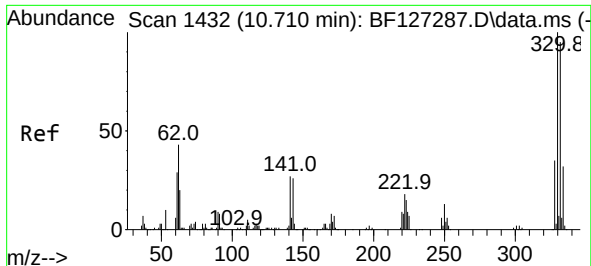
Tgt Ion: 82 Resp: 480903  
Ion Ratio Lower Upper  
82 100  
128 38.1 32.7 49.1  
54 62.4 41.7 62.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.904 min Scan# 1295  
Delta R.T. -0.012 min  
Lab File: BF127371.D  
Acq: 17 Mar 2022 12:53

Tgt Ion:164 Resp: 177641  
Ion Ratio Lower Upper  
164 100  
162 98.3 81.4 122.0  
160 42.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 51.191 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

Instrument :

BNA\_F

ClientSampleId :

B1

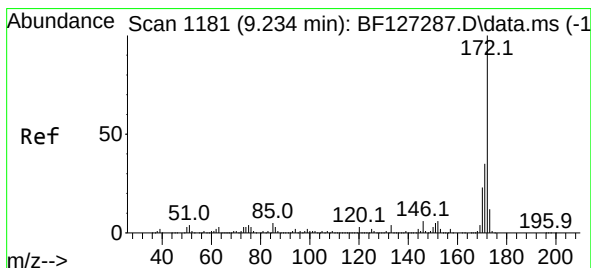
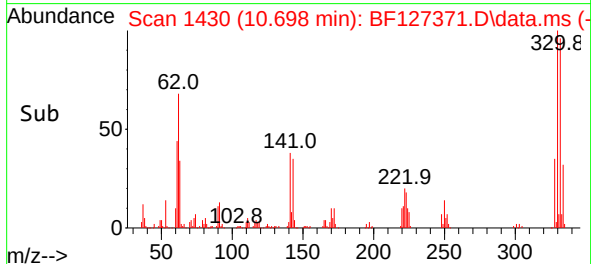
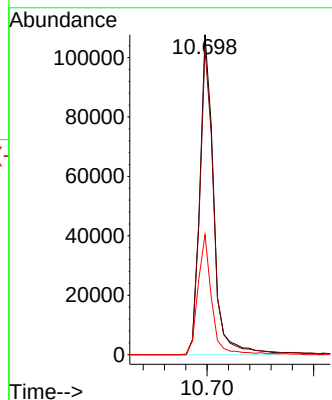
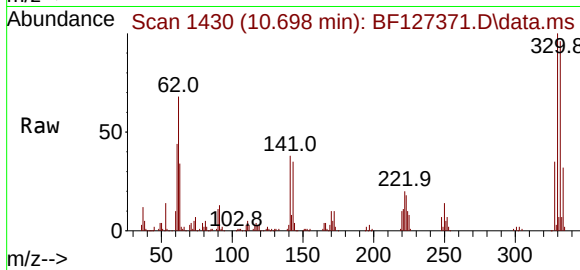
Tgt Ion:330 Resp: 97893

Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 37.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 65.041 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127371.D

Acq: 17 Mar 2022 12:53

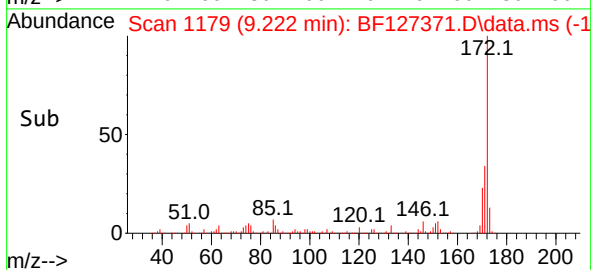
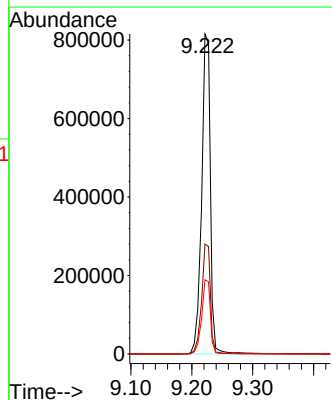
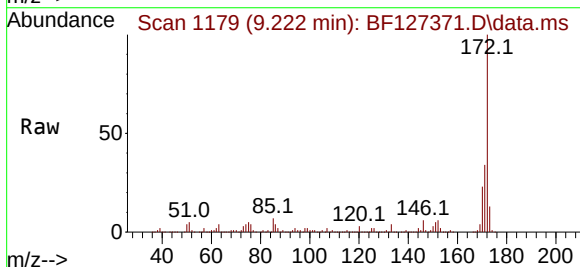
Tgt Ion:172 Resp: 817229

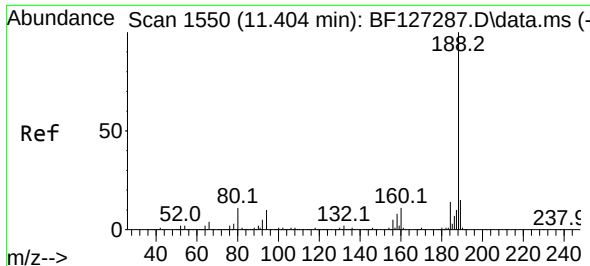
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.2 19.0 28.6

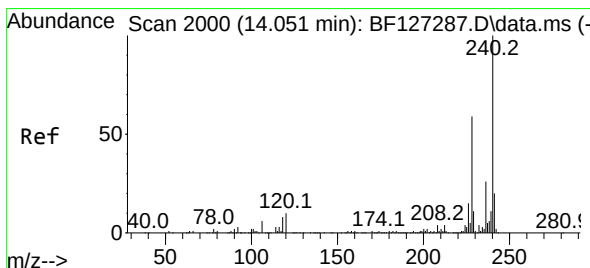
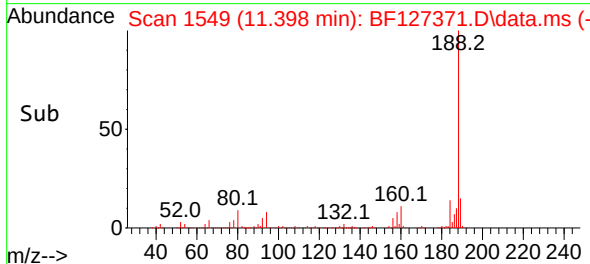
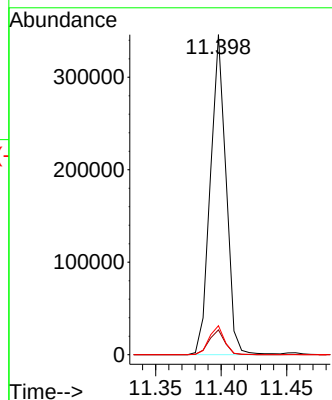
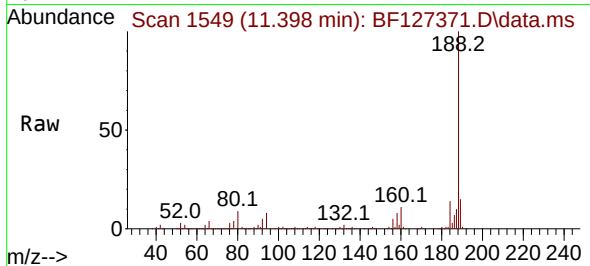




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127371.D  
Acq: 17 Mar 2022 12:53

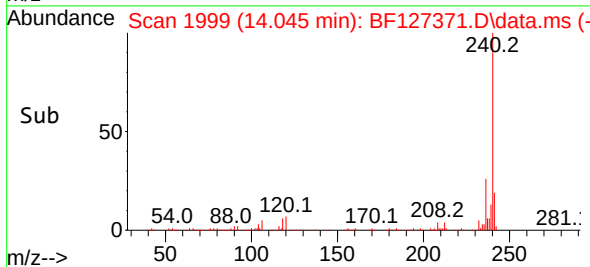
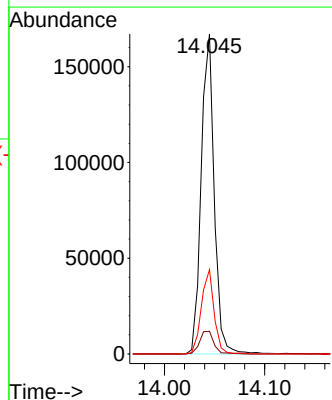
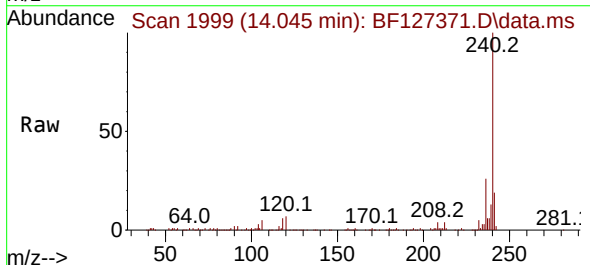
Instrument :  
BNA\_F  
ClientSampleId :  
B1

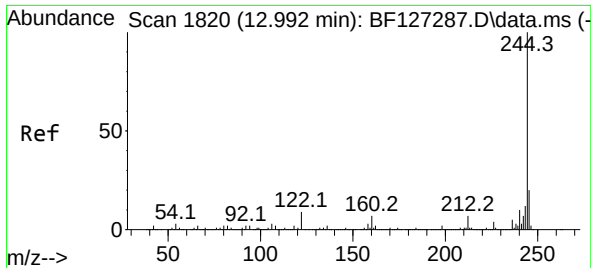
Tgt Ion:188 Resp: 287980  
Ion Ratio Lower Upper  
188 100  
94 7.7 10.1 15.1#  
80 9.0 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 1999  
Delta R.T. -0.006 min  
Lab File: BF127371.D  
Acq: 17 Mar 2022 12:53

Tgt Ion:240 Resp: 151522  
Ion Ratio Lower Upper  
240 100  
120 7.1 14.4 21.6#  
236 26.4 20.5 30.7

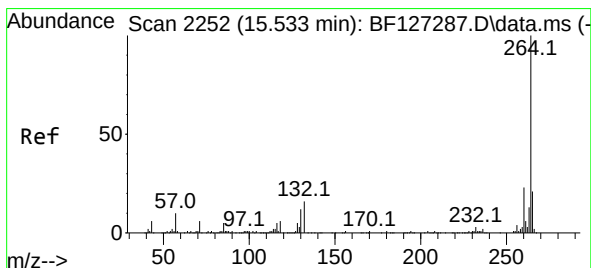
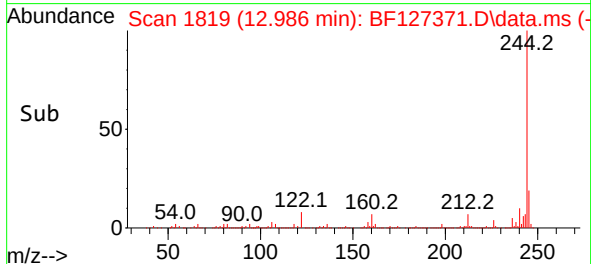
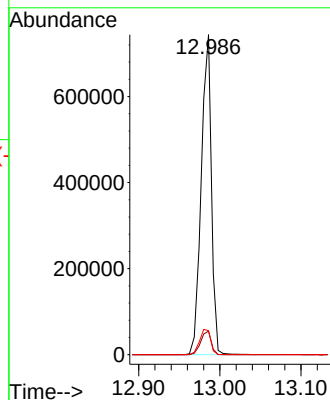
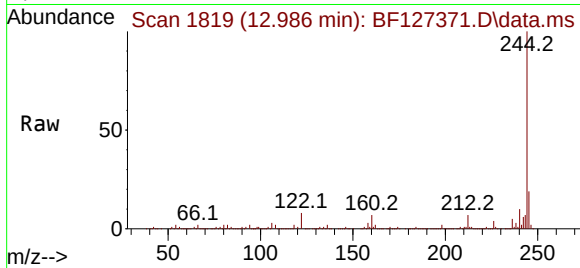




#79  
 Terphenyl-d14  
 Concen: 73.822 ng  
 RT: 12.986 min Scan# 1819  
 Delta R.T. -0.006 min  
 Lab File: BF127371.D  
 Acq: 17 Mar 2022 12:53

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B1

Tgt Ion:244 Resp: 649595  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.0 7.4  
 122 7.5 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: BF127371.D  
 Acq: 17 Mar 2022 12:53

Tgt Ion:264 Resp: 166755  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.2 28.8  
 265 19.9 17.4 26.2

