

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062322\  
 Data File : BF128958.D  
 Acq On : 23 Jun 2022 18:09  
 Operator : CG\JU  
 Sample : PB145722BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145722BL

Quant Time: Jun 24 04:32:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 00:50:48 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.722  | 152  | 124676   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.010  | 136  | 479128   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.763  | 164  | 274787   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.251 | 188  | 528824   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.892 | 240  | 427322   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.327 | 264  | 344952   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.369  | 112  | 928336   | 118.602 | ng    | 0.01     |
| 7) Phenol-d6                | 6.387  | 99   | 1159562  | 121.362 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.298  | 82   | 855582   | 83.140  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.557 | 330  | 353876   | 108.994 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.086  | 172  | 1577724  | 80.429  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.845 | 244  | 1913766  | 77.820  | ng    | 0.00     |

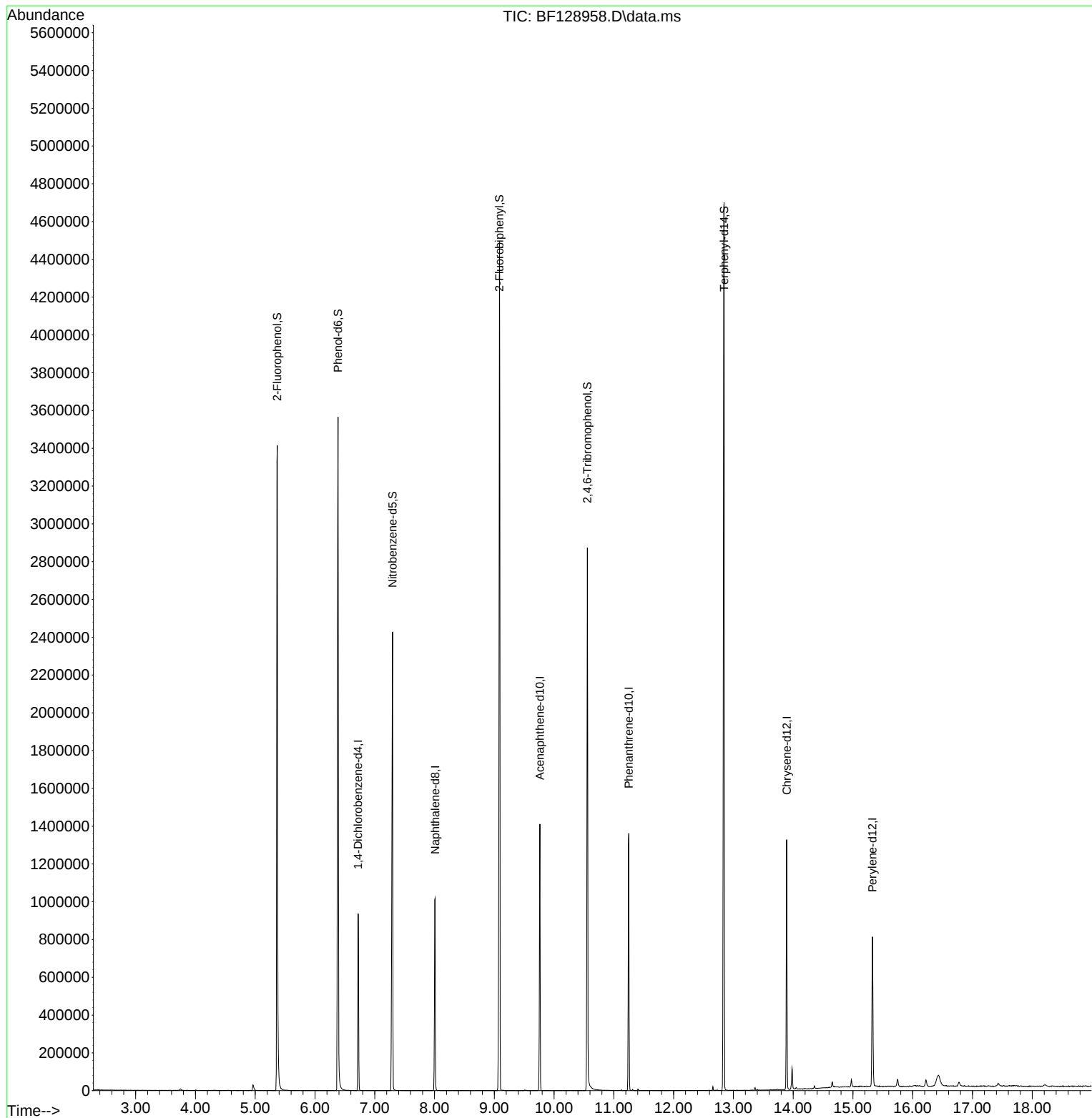
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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QLast Update : Fri Jun 24 00:50:48 2022  
Response via : Initial Calibration

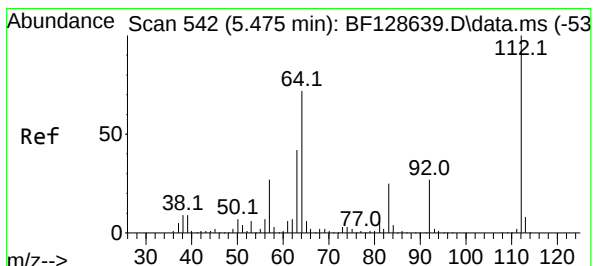
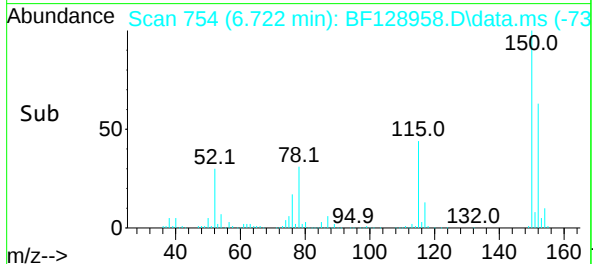
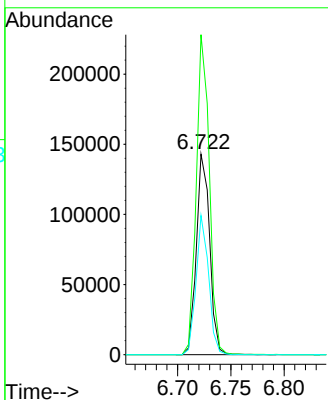
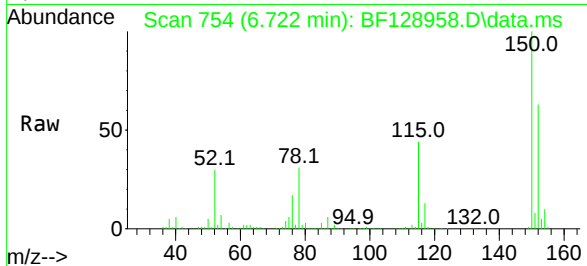




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.722 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128958.D  
Acq: 23 Jun 2022 18:09

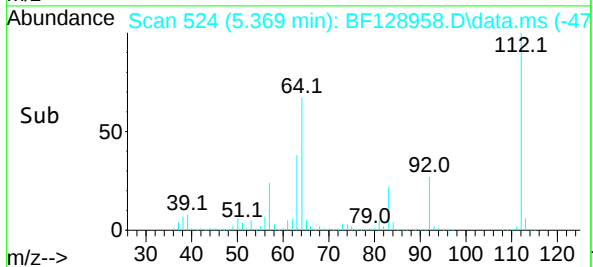
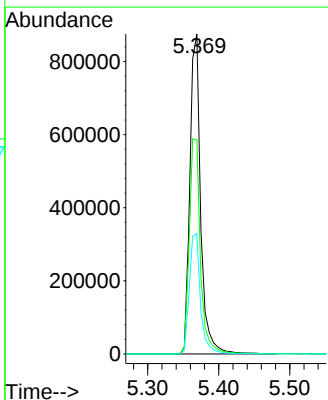
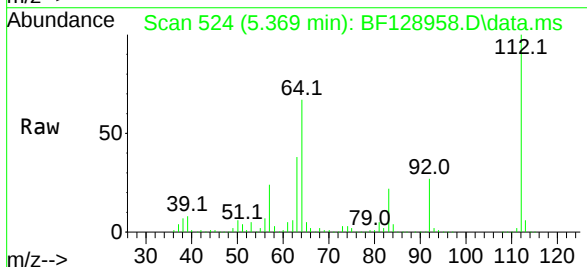
Instrument :  
BNA\_F  
ClientSampleId :  
PB145722BL

Tgt Ion:152 Resp: 124676  
Ion Ratio Lower Upper  
152 100  
150 159.7 123.7 185.5  
115 69.5 49.9 74.9



#5  
2-Fluorophenol  
Concen: 118.602 ng  
RT: 5.369 min Scan# 524  
Delta R.T. 0.012 min  
Lab File: BF128958.D  
Acq: 23 Jun 2022 18:09

Tgt Ion:112 Resp: 928336  
Ion Ratio Lower Upper  
112 100  
64 66.9 53.3 79.9  
63 37.6 28.0 42.0

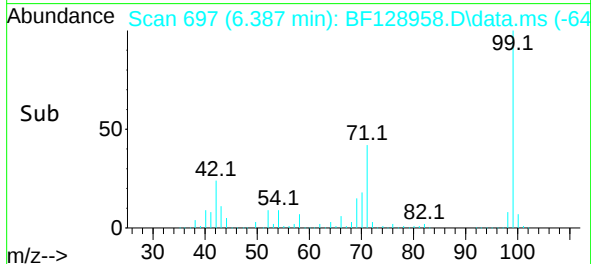
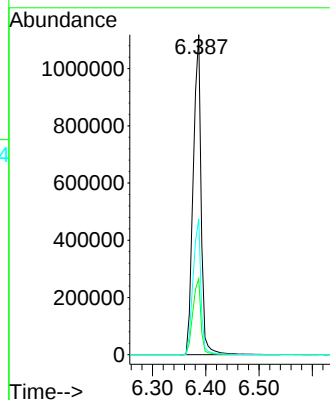
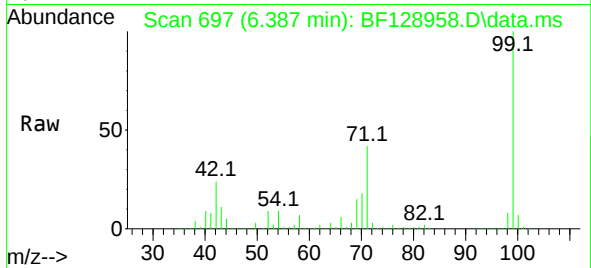




#7  
Phenol-d6  
Concen: 121.362 ng  
RT: 6.387 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BF128958.D  
Acq: 23 Jun 2022 18:09

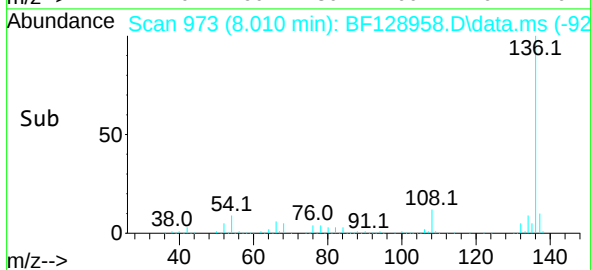
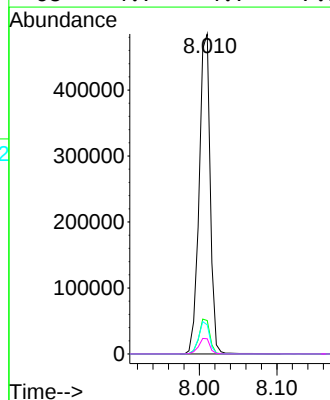
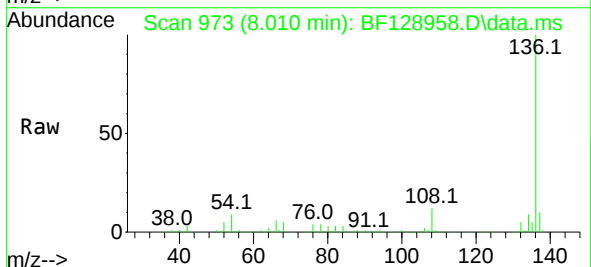
Instrument :  
BNA\_F  
ClientSampleId :  
PB145722BL

Tgt Ion: 99 Resp: 1159562  
Ion Ratio Lower Upper  
99 100  
42 23.7 17.3 25.9  
71 42.4 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.010 min Scan# 973  
Delta R.T. -0.000 min  
Lab File: BF128958.D  
Acq: 23 Jun 2022 18:09

Tgt Ion: 136 Resp: 479128  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 9.1 7.5 11.3  
68 4.7 4.7 7.1

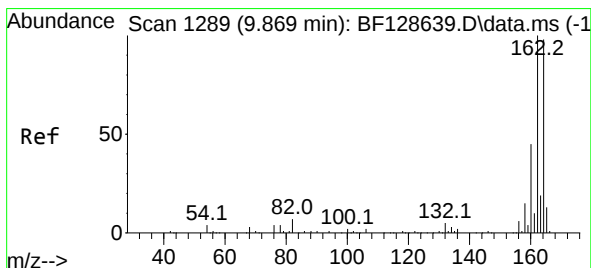
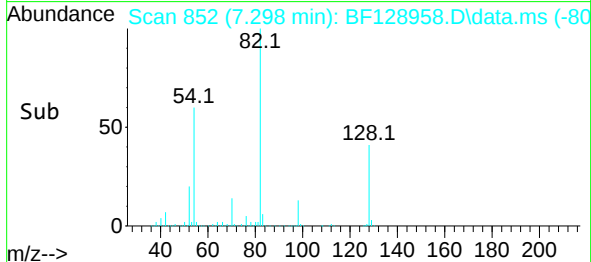
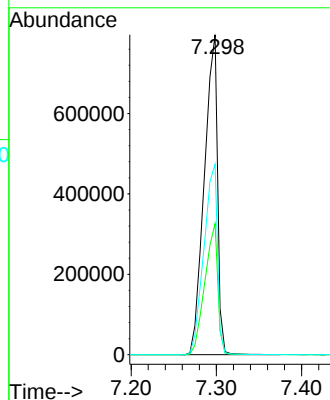
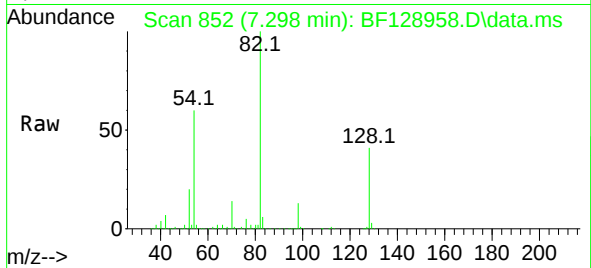




#23  
Nitrobenzene-d5  
Concen: 83.140 ng  
RT: 7.298 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF128958.D  
Acq: 23 Jun 2022 18:09

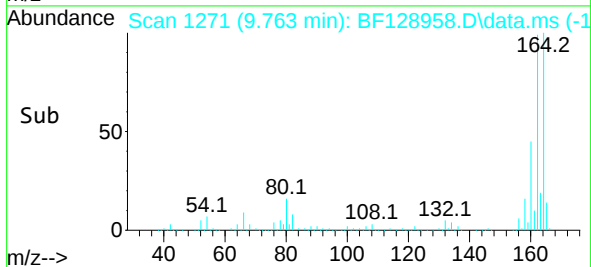
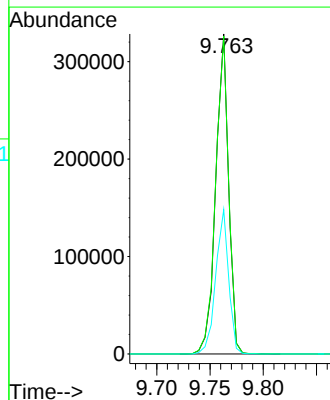
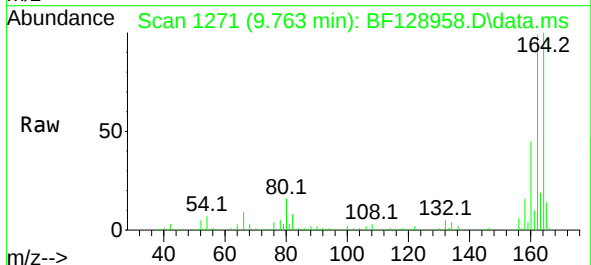
Instrument :  
BNA\_F  
ClientSampleId :  
PB145722BL

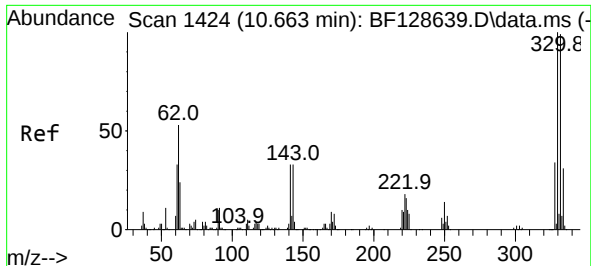
Tgt Ion: 82 Resp: 855582  
Ion Ratio Lower Upper  
82 100  
128 41.0 34.0 51.0  
54 59.5 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.763 min Scan# 1271  
Delta R.T. -0.006 min  
Lab File: BF128958.D  
Acq: 23 Jun 2022 18:09

Tgt Ion:164 Resp: 274787  
Ion Ratio Lower Upper  
164 100  
162 99.4 79.5 119.3  
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 108.994 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128958.D

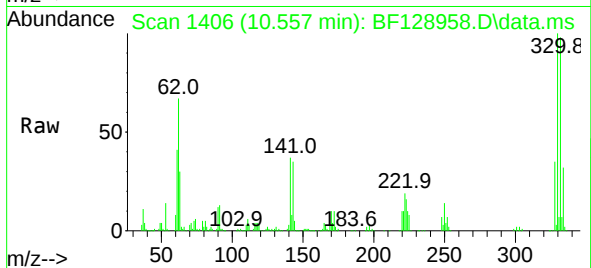
Acq: 23 Jun 2022 18:09

Instrument :

BNA\_F

ClientSampleId :

PB145722BL



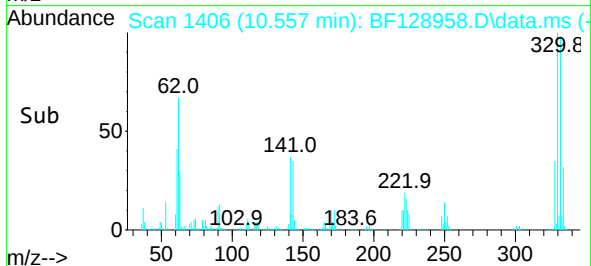
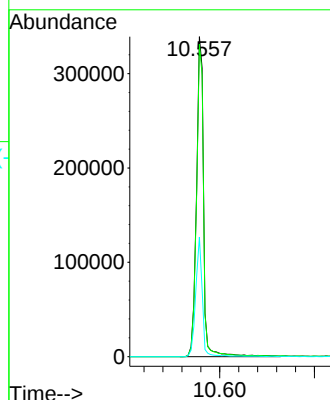
Tgt Ion:330 Resp: 353876

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 80.429 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128958.D

Acq: 23 Jun 2022 18:09

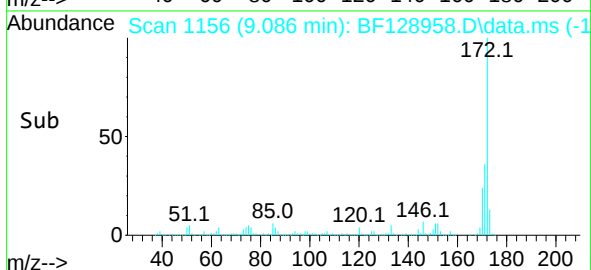
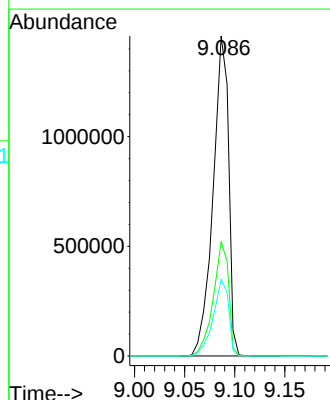
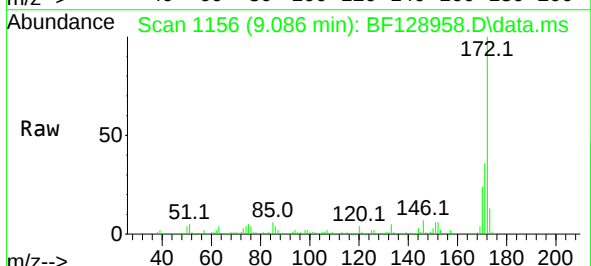
Tgt Ion:172 Resp: 1577724

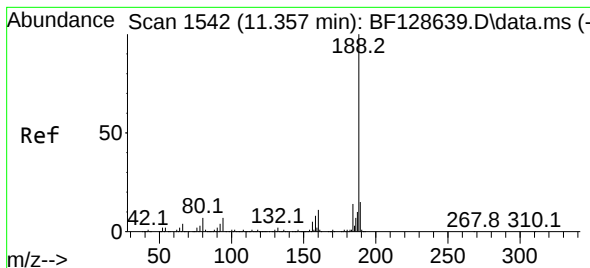
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.9 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128958.D

Acq: 23 Jun 2022 18:09

Instrument :

BNA\_F

ClientSampleId :

PB145722BL

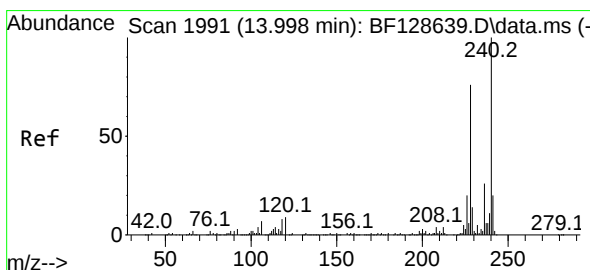
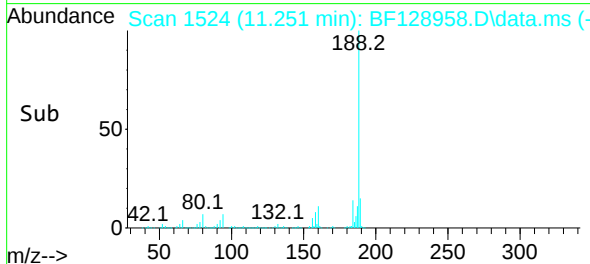
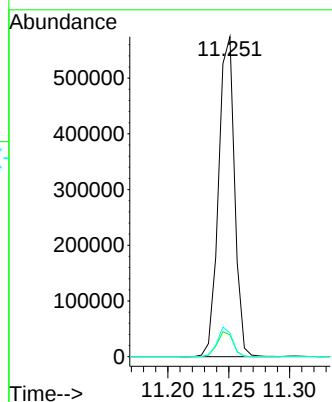
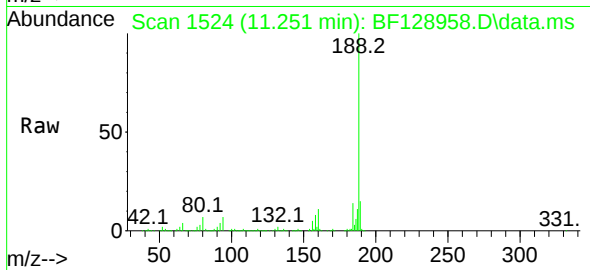
Tgt Ion:188 Resp: 528824

Ion Ratio Lower Upper

188 100

94 6.9 7.0 10.6#

80 7.4 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BF128958.D

Acq: 23 Jun 2022 18:09

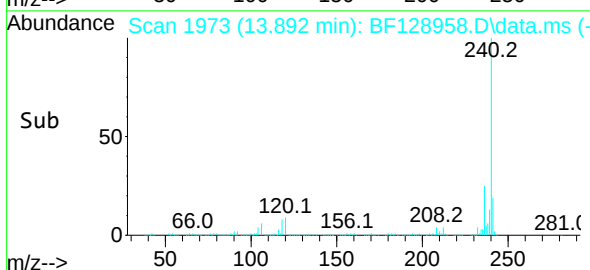
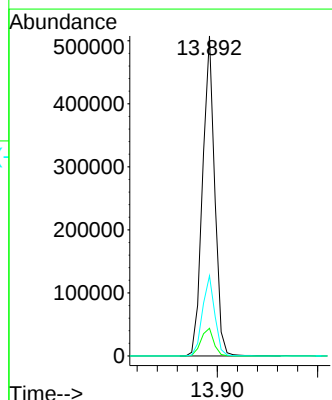
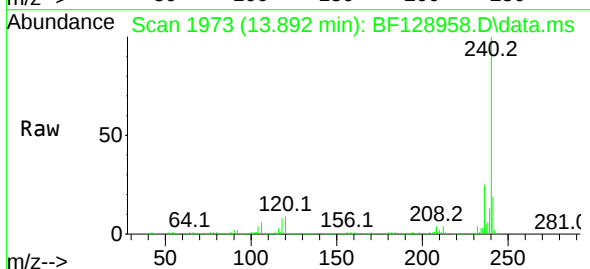
Tgt Ion:240 Resp: 427322

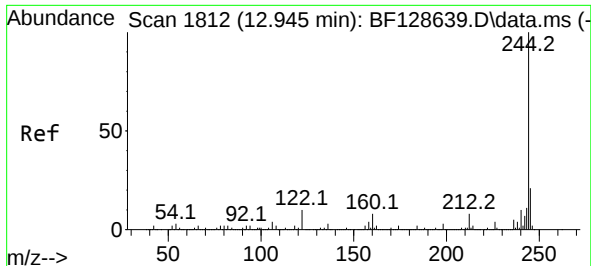
Ion Ratio Lower Upper

240 100

120 8.7 8.9 13.3#

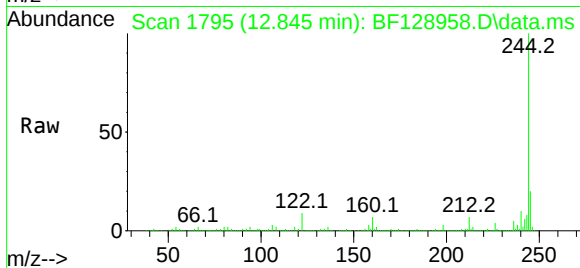
236 25.0 20.8 31.2



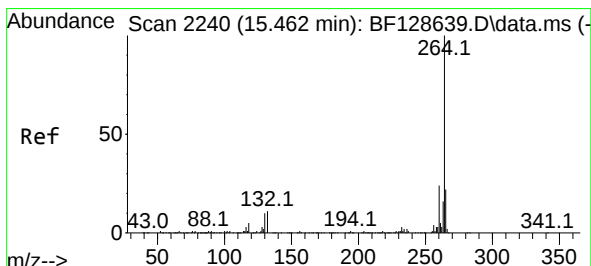
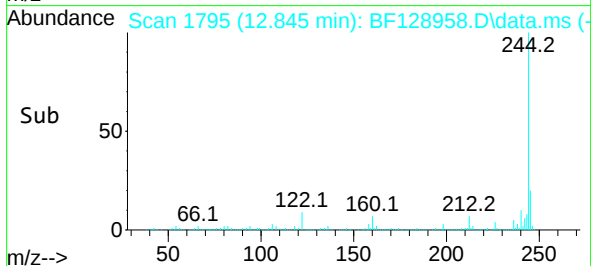
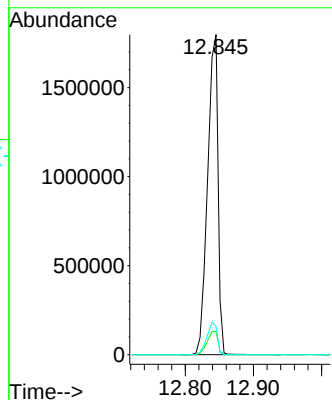


#79  
 Terphenyl-d14  
 Concen: 77.820 ng  
 RT: 12.845 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF128958.D  
 Acq: 23 Jun 2022 18:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB145722BL



Tgt Ion:244 Resp: 1913766  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.1 9.1  
 122 8.8 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.327 min Scan# 2217  
 Delta R.T. -0.000 min  
 Lab File: BF128958.D  
 Acq: 23 Jun 2022 18:09

Tgt Ion:264 Resp: 344952  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.4 27.6  
 265 20.8 17.2 25.8

