

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061622\  
 Data File : BF128844.D  
 Acq On : 16 Jun 2022 17:31  
 Operator : CG\JU  
 Sample : N3367-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MJS-LB-02-13.0-14.0

Quant Time: Jun 17 03:54:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 14 14:53:53 2022  
 Response via : Initial Calibration

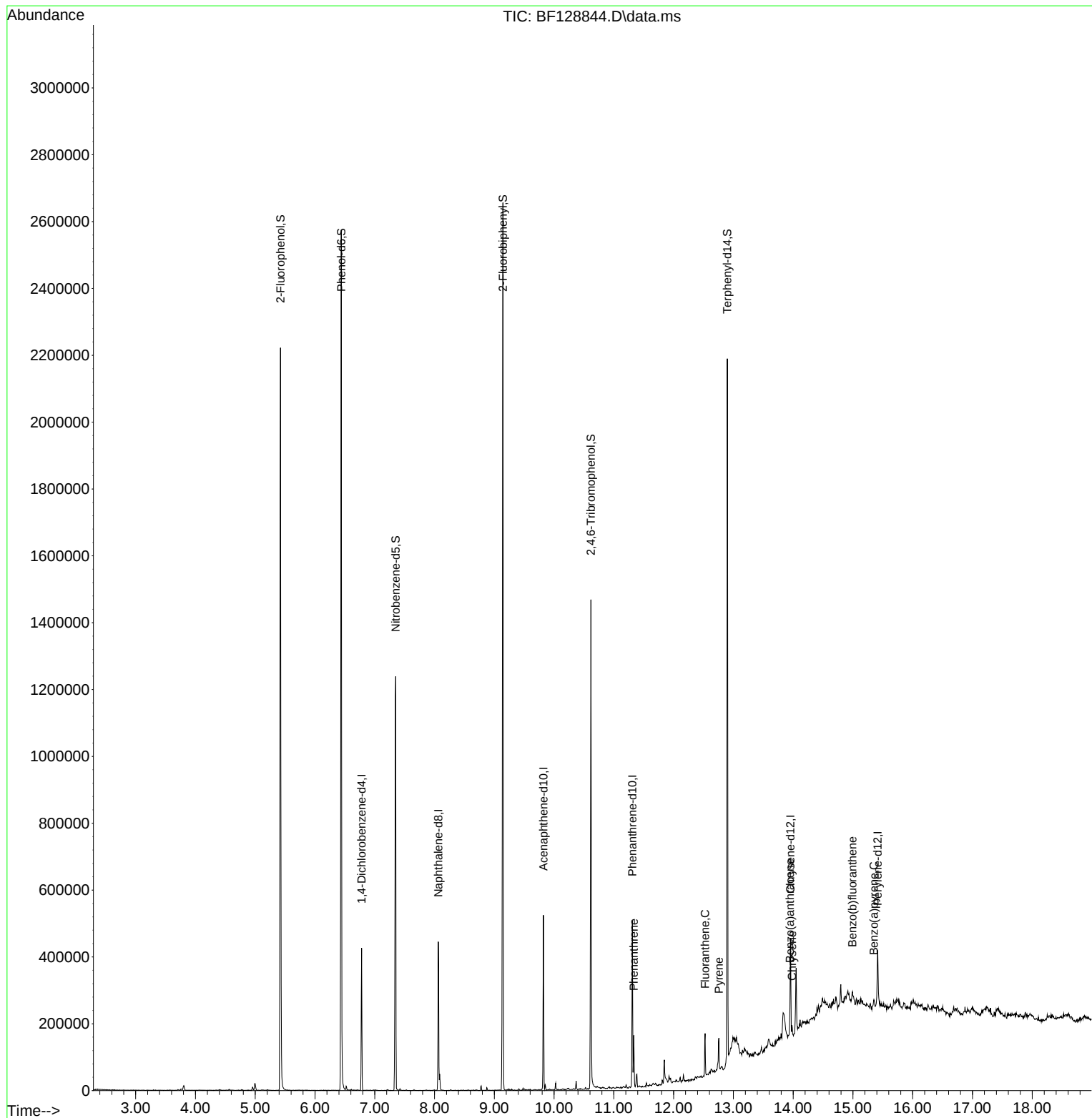
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 53478    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 180396   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 94639    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 160718   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.957 | 240  | 95654    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.415 | 264  | 71630    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 533283   | 158.837 | ng    | 0.00     |
| 7) Phenol-d6                | 6.439  | 99   | 712799   | 173.925 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 416368   | 107.461 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 163319   | 146.054 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 770839   | 114.096 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.898 | 244  | 686455   | 124.700 | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 11.333 | 178  | 49791    | 6.177   | ng    | 98       |
| 75) Fluoranthene            | 12.527 | 202  | 47094    | 5.589   | ng    | 96       |
| 78) Pyrene                  | 12.757 | 202  | 39482    | 5.548   | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.945 | 228  | 16803    | 2.818   | ng    | 97       |
| 83) Chrysene                | 13.980 | 228  | 13957    | 2.455   | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 14.992 | 252  | 12771m   | 2.790   | ng    |          |
| 90) Benzo(a)pyrene          | 15.351 | 252  | 8967     | 2.493   | ng    | # 79     |
| -----                       |        |      |          |         |       |          |

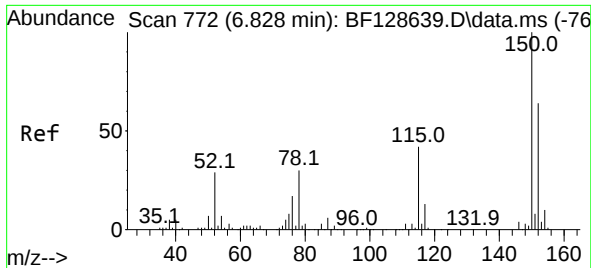
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061622\  
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ALS Vial : 13 Sample Multiplier: 1

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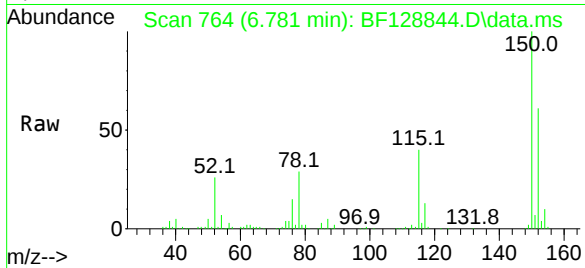
Quant Time: Jun 17 03:54:48 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 14 14:53:53 2022  
Response via : Initial Calibration



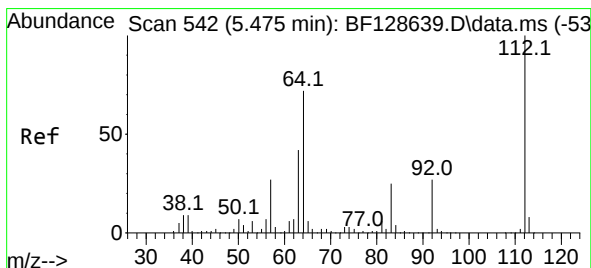
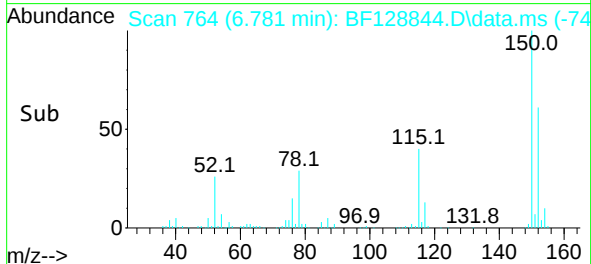
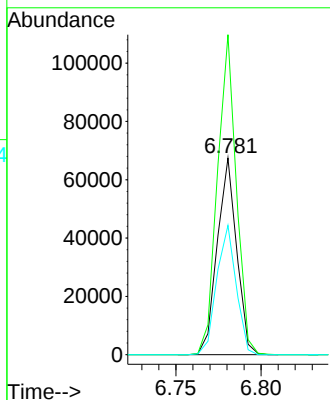


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

Instrument :  
BNA\_F  
ClientSampleId :  
MJS-LB-02-13.0-14.0

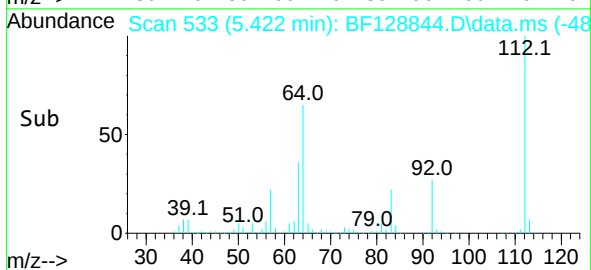
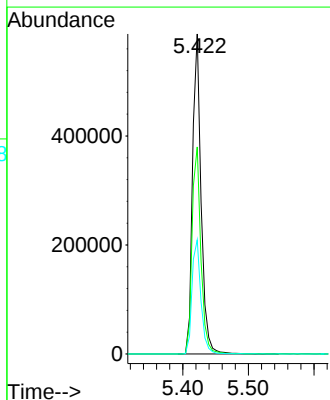
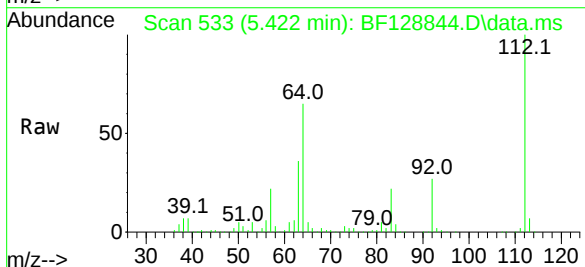


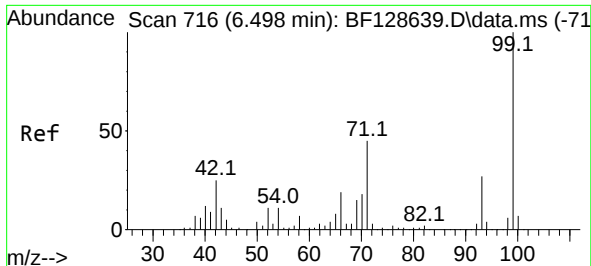
Tgt Ion:152 Resp: 53478  
Ion Ratio Lower Upper  
152 100  
150 162.7 123.7 185.5  
115 65.8 49.9 74.9



#5  
2-Fluorophenol  
Concen: 158.837 ng  
RT: 5.422 min Scan# 533  
Delta R.T. 0.006 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

Tgt Ion:112 Resp: 533283  
Ion Ratio Lower Upper  
112 100  
64 64.7 53.3 79.9  
63 35.7 28.0 42.0

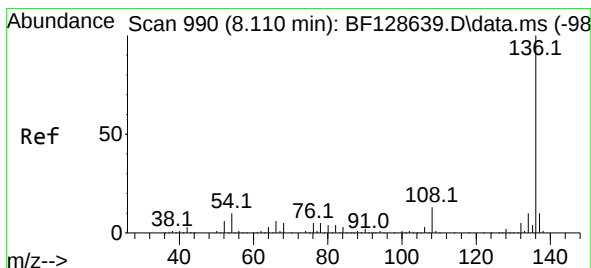
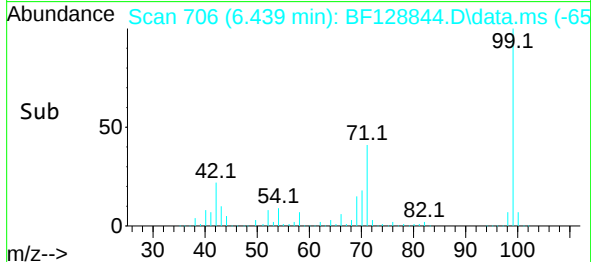
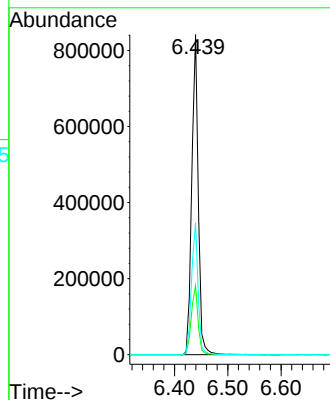
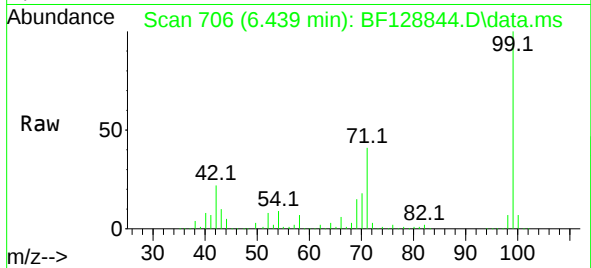




#7  
Phenol-d6  
Concen: 173.925 ng  
RT: 6.439 min Scan# 716  
Delta R.T. -0.000 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

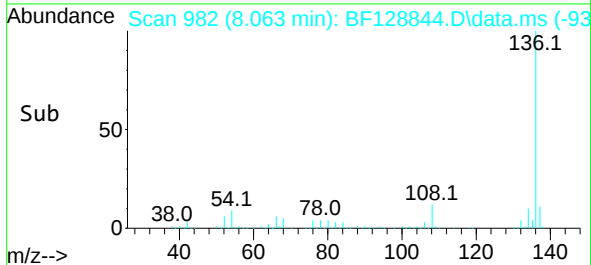
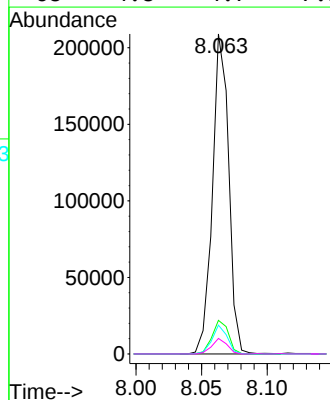
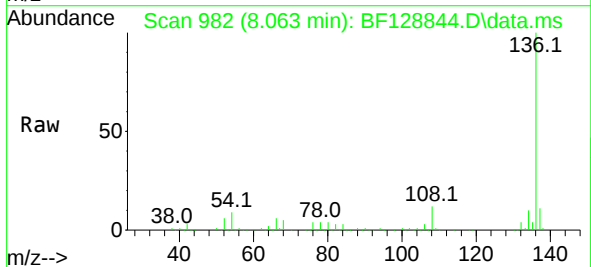
Instrument :  
BNA\_F  
ClientSampleId :  
MJS-LB-02-13.0-14.0

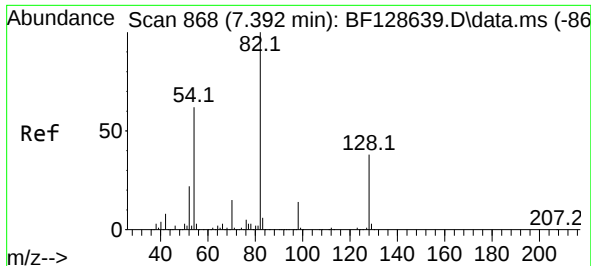
Tgt Ion: 99 Resp: 712799  
Ion Ratio Lower Upper  
99 100  
42 21.6 17.3 25.9  
71 41.2 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

Tgt Ion: 136 Resp: 180396  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 9.0 7.5 11.3  
68 4.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 107.461 ng

RT: 7.351 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

Instrument :

BNA\_F

ClientSampleId :

MJS-LB-02-13.0-14.0

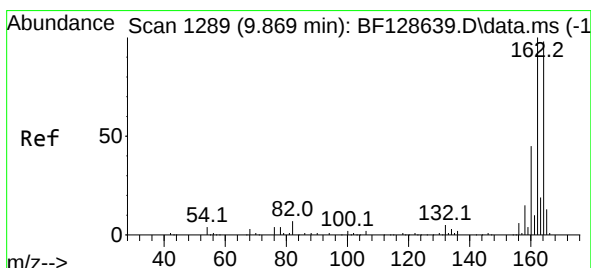
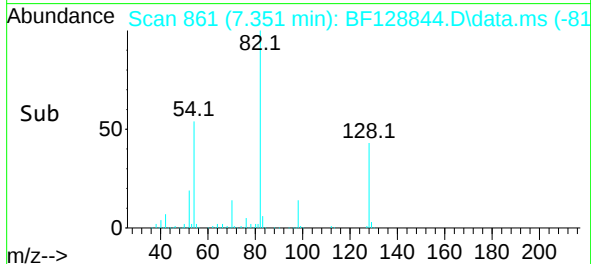
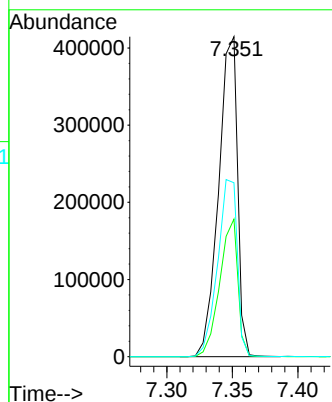
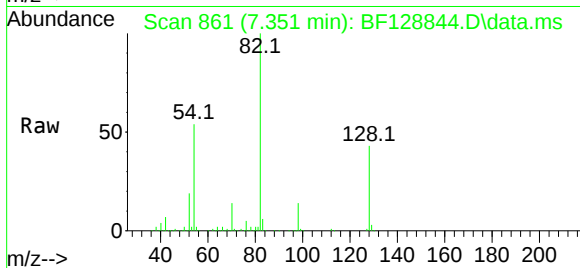
Tgt Ion: 82 Resp: 416368

Ion Ratio Lower Upper

82 100

128 43.0 34.0 51.0

54 54.3 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

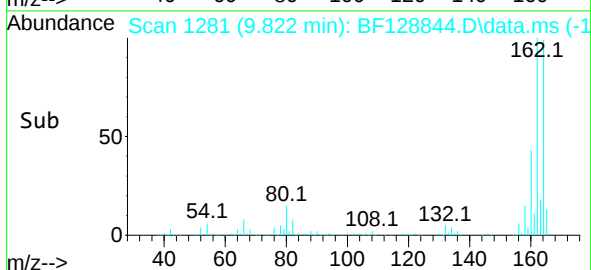
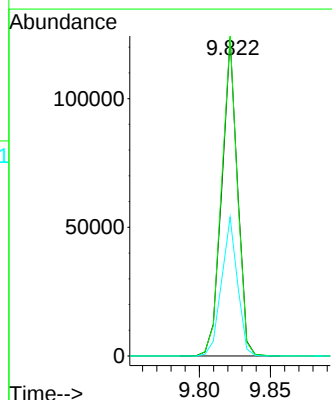
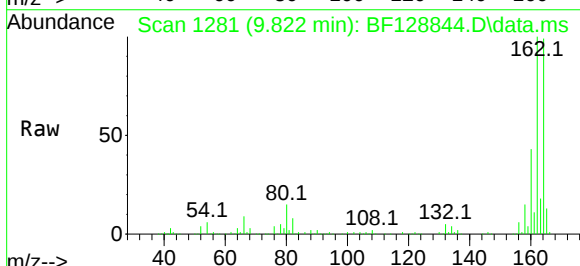
Tgt Ion:164 Resp: 94639

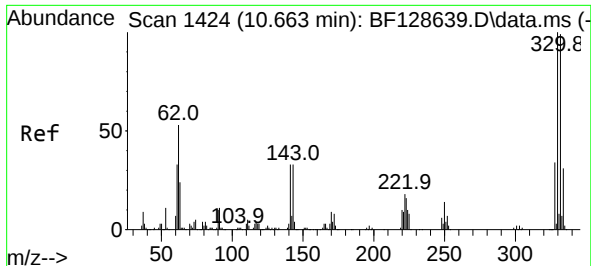
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

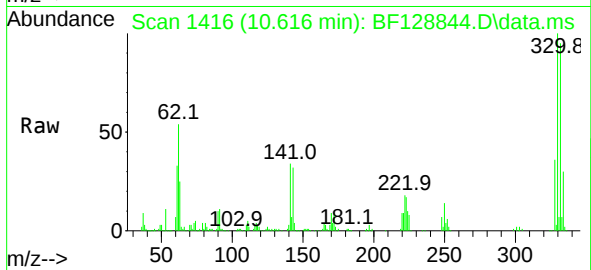
160 43.7 34.2 51.4



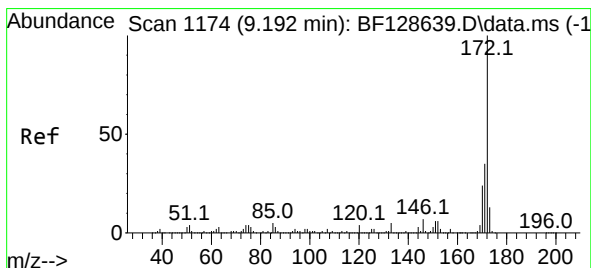
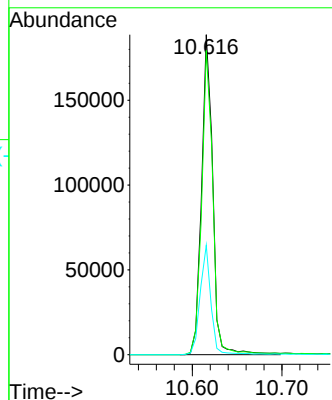
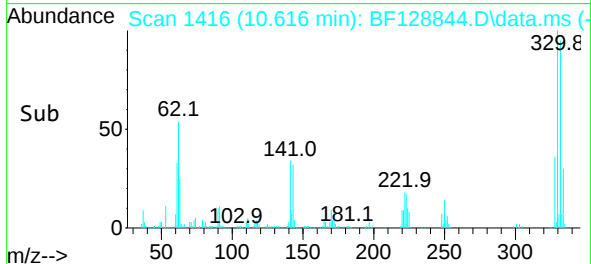


#42  
2,4,6-Tribromophenol  
Concen: 146.054 ng  
RT: 10.616 min Scan# 1416  
Delta R.T. -0.006 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

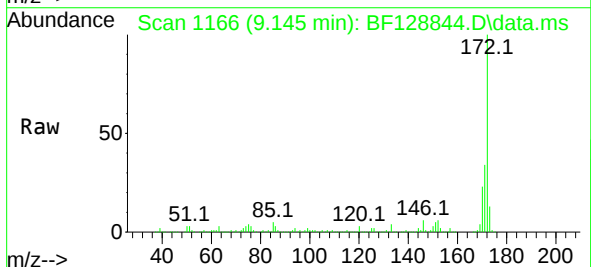
Instrument :  
BNA\_F  
ClientSampleId :  
MJS-LB-02-13.0-14.0



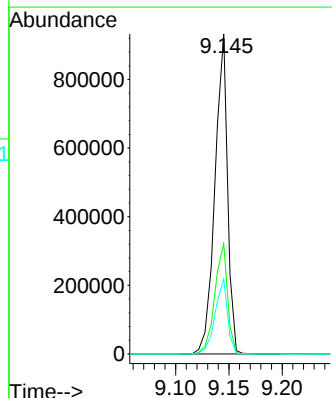
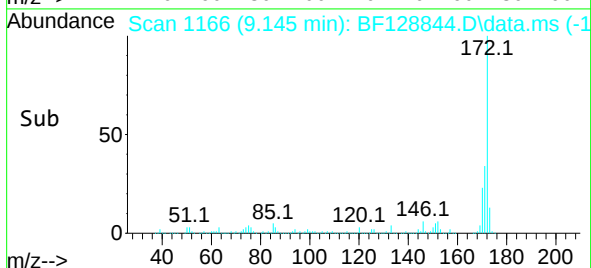
Tgt Ion:330 Resp: 163319  
Ion Ratio Lower Upper  
330 100  
332 94.4 76.8 115.2  
141 33.1 28.0 42.0

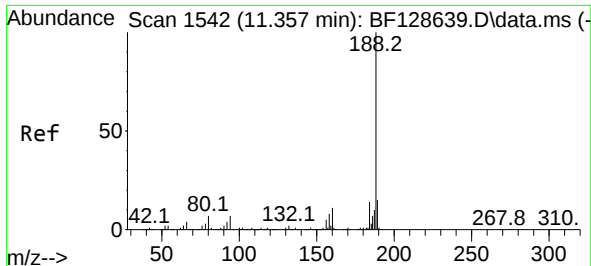


#45  
2-Fluorobiphenyl  
Concen: 114.096 ng  
RT: 9.145 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31



Tgt Ion:172 Resp: 770839  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.8 43.2  
170 23.4 19.8 29.8

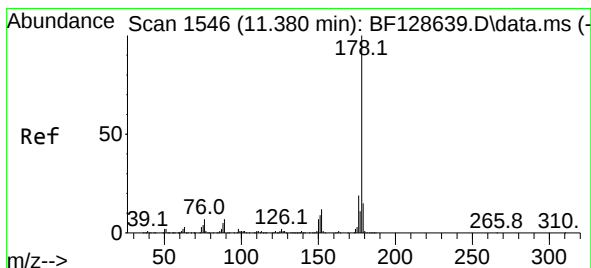
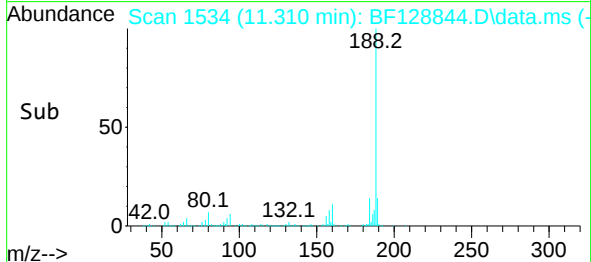
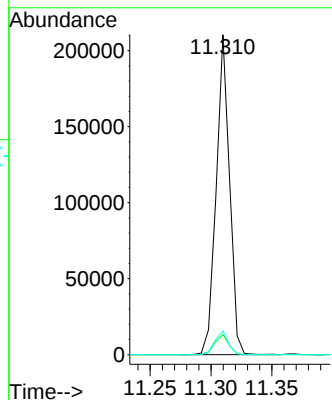
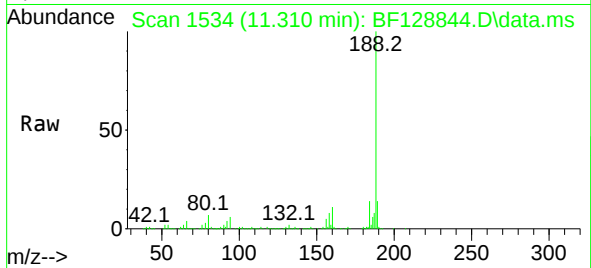




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1534  
Delta R.T. -0.006 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

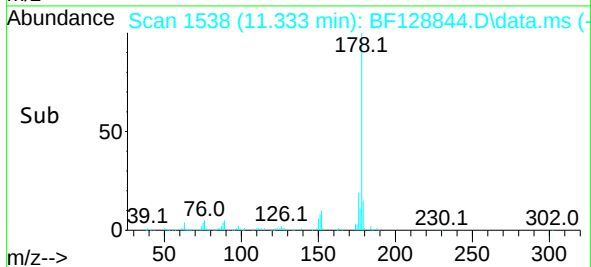
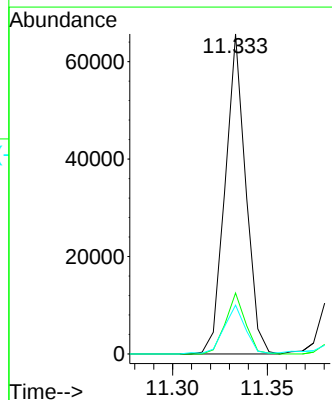
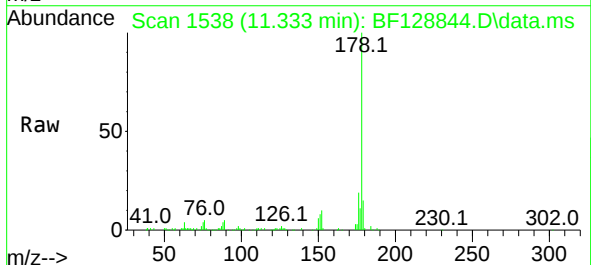
Instrument :  
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ClientSampleId :  
MJS-LB-02-13.0-14.0

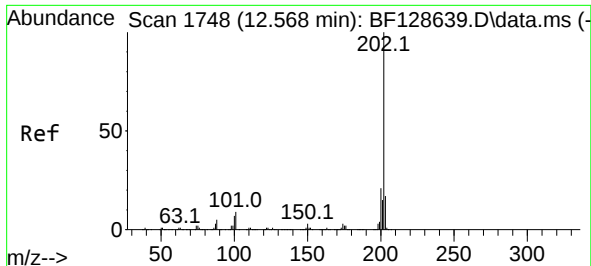
Tgt Ion:188 Resp: 160718  
Ion Ratio Lower Upper  
188 100  
94 6.3 7.0 10.6#  
80 7.4 7.6 11.4#



#71  
Phenanthrene  
Concen: 6.177 ng  
RT: 11.333 min Scan# 1538  
Delta R.T. -0.006 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

Tgt Ion:178 Resp: 49791  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.0 24.0  
179 15.2 12.6 19.0

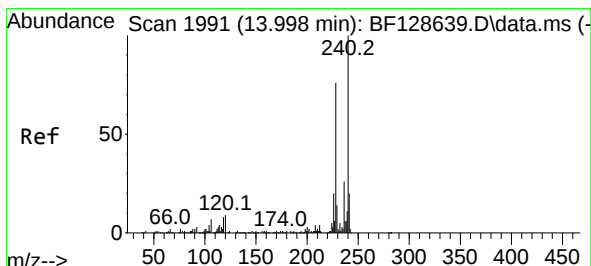
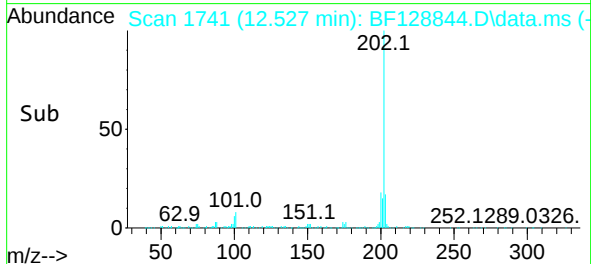
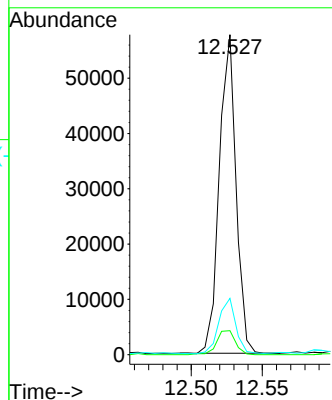
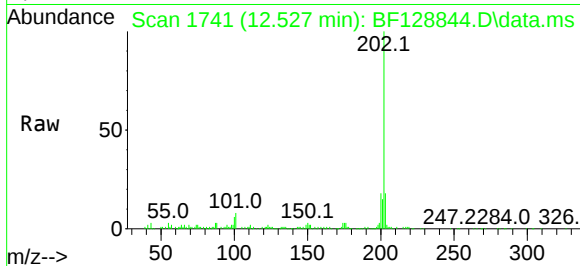




#75  
Fluoranthene  
Concen: 5.589 ng  
RT: 12.527 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

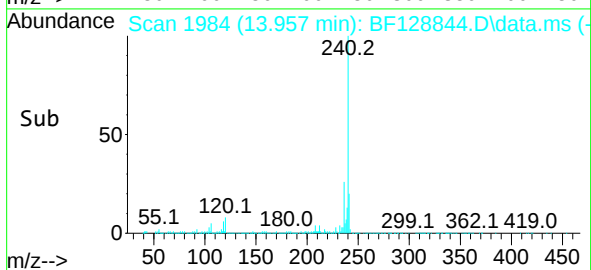
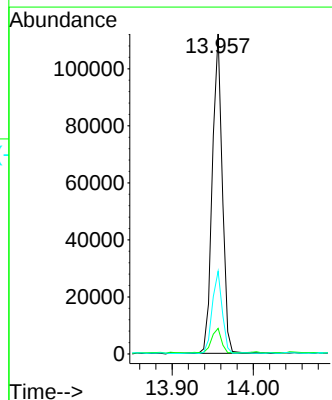
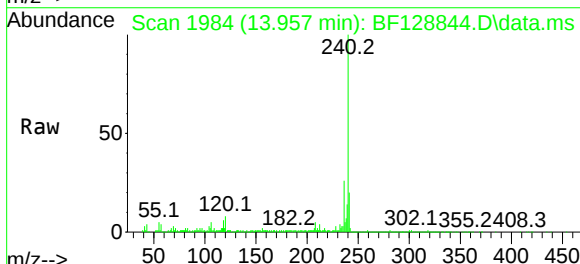
Instrument :  
BNA\_F  
ClientSampleId :  
MJS-LB-02-13.0-14.0

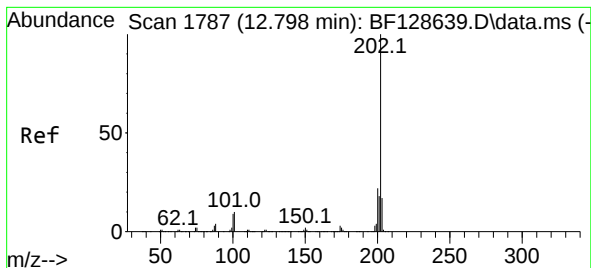
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.5   | 0.0   | 31.4  |
| 203     | 17.6  | 0.0   | 38.0  |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 1984  
Delta R.T. -0.006 min  
Lab File: BF128844.D  
Acq: 16 Jun 2022 17:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.0   | 8.9   | 13.3# |
| 236     | 25.8  | 20.8  | 31.2  |





#78

Pyrene

Concen: 5.548 ng

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

Instrument :

BNA\_F

ClientSampleId :

MJS-LB-02-13.0-14.0

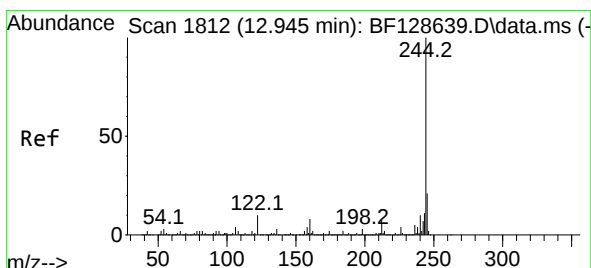
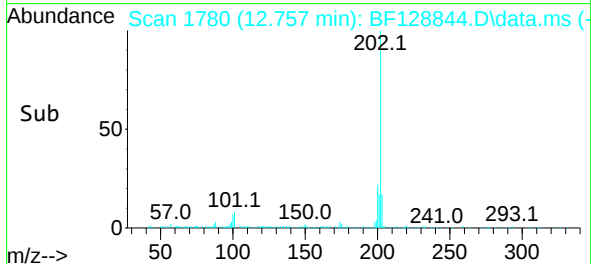
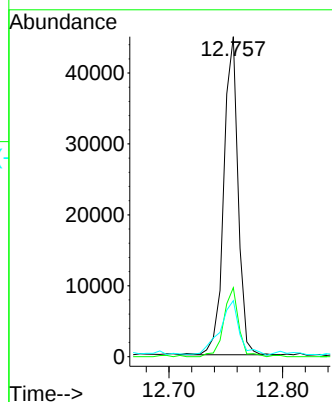
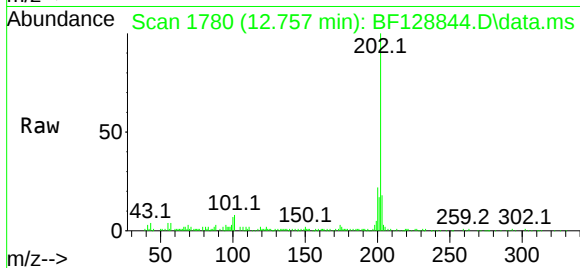
Tgt Ion:202 Resp: 39482

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

203 17.5 14.6 21.8



#79

Terphenyl-d14

Concen: 124.700 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

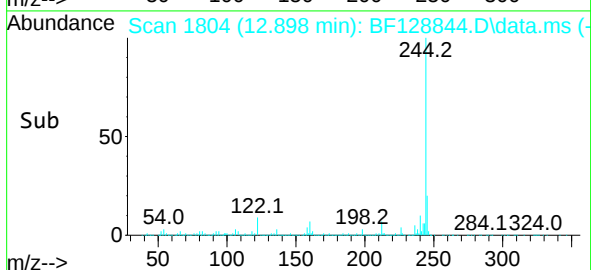
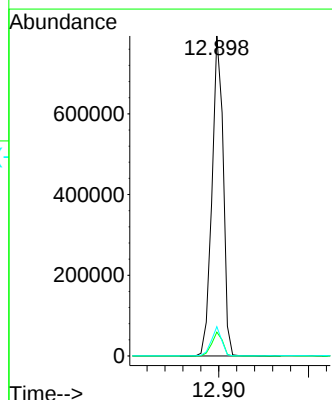
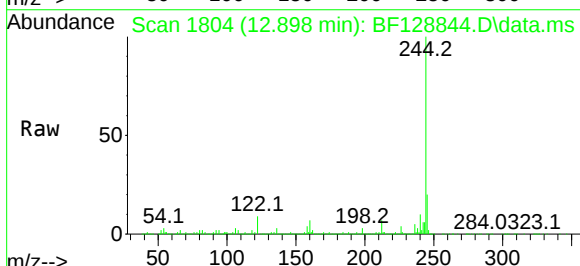
Tgt Ion:244 Resp: 686455

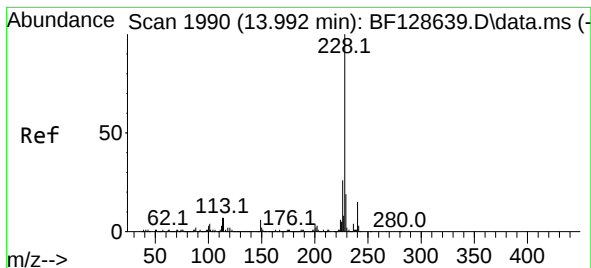
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 9.2 8.8 13.2





#81

Benzo(a)anthracene

Concen: 2.818 ng

RT: 13.945 min Scan# 1982

Delta R.T. -0.006 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

Instrument :

BNA\_F

ClientSampleId :

MJS-LB-02-13.0-14.0

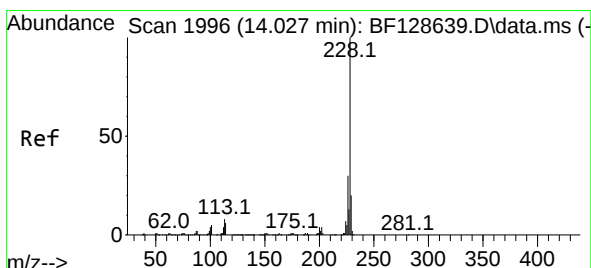
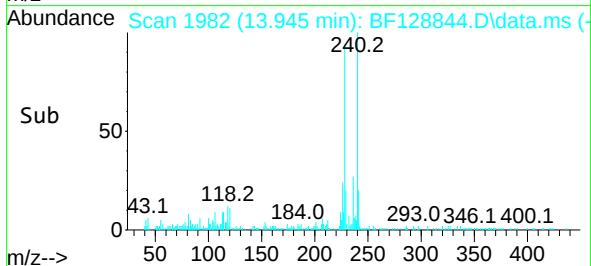
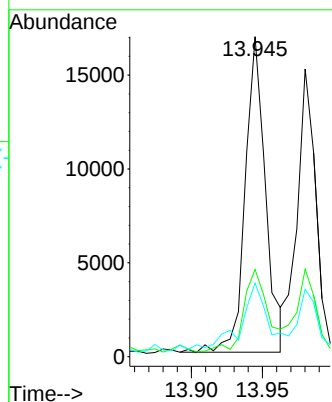
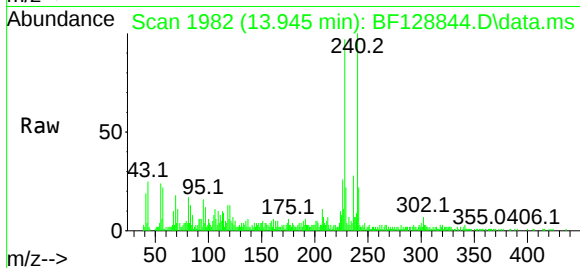
Tgt Ion:228 Resp: 16803

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 23.0 15.8 23.8



#83

Chrysene

Concen: 2.455 ng

RT: 13.980 min Scan# 1988

Delta R.T. -0.012 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

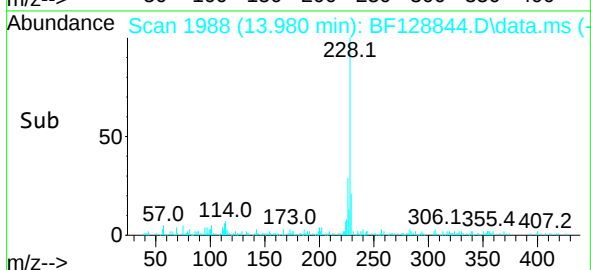
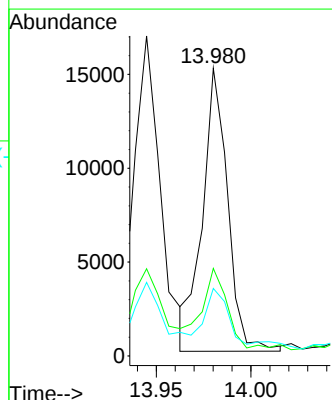
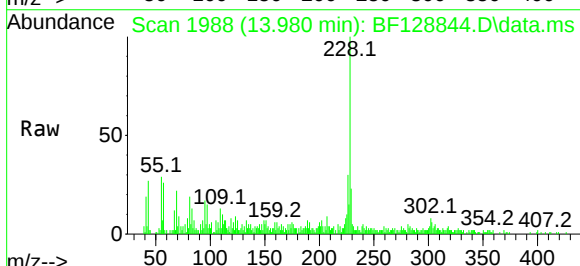
Tgt Ion:228 Resp: 13957

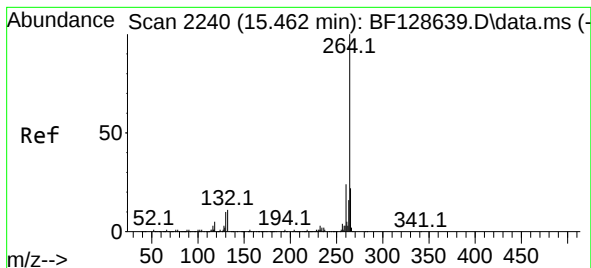
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 23.5 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

Instrument :

BNA\_F

ClientSampleId :

MJS-LB-02-13.0-14.0

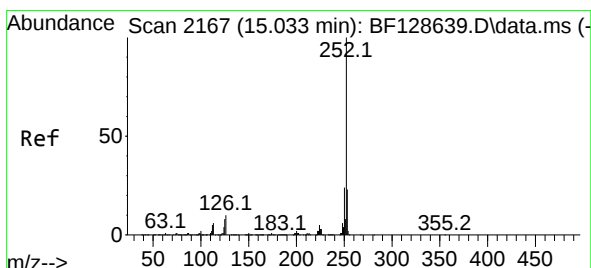
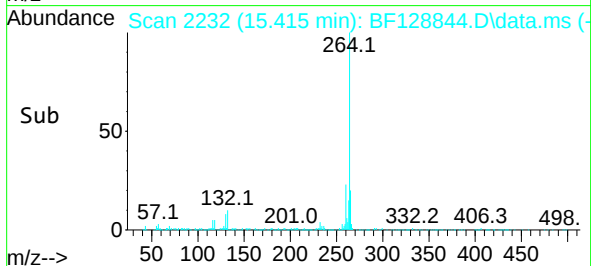
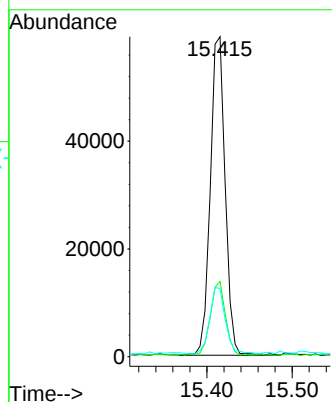
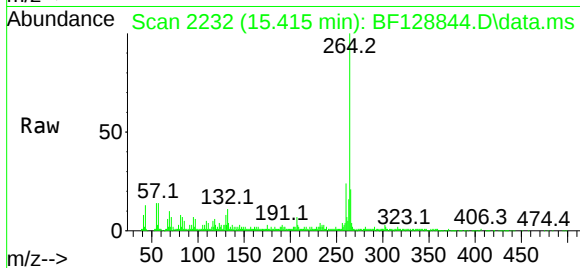
Tgt Ion:264 Resp: 71630

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.3 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.790 ng m

RT: 14.992 min Scan# 2160

Delta R.T. -0.000 min

Lab File: BF128844.D

Acq: 16 Jun 2022 17:31

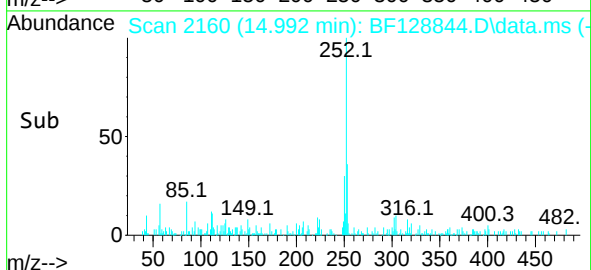
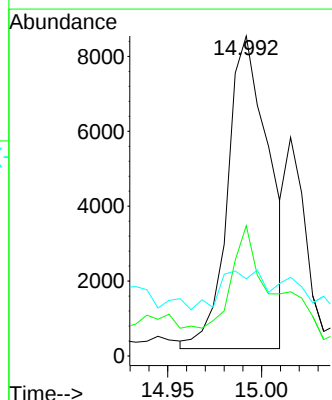
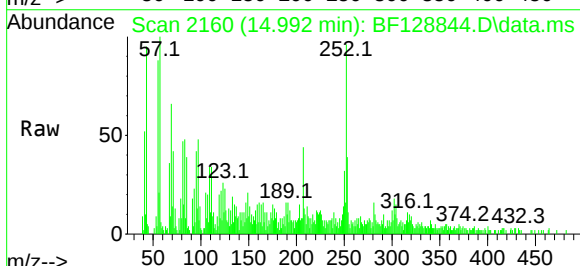
Tgt Ion:252 Resp: 12771

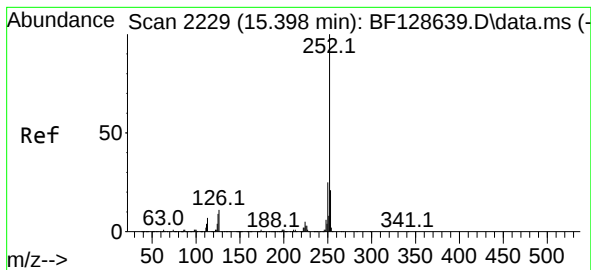
Ion Ratio Lower Upper

252 100

253 40.7 17.7 26.5#

125 24.1 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 2.493 ng

RT: 15.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128844.D

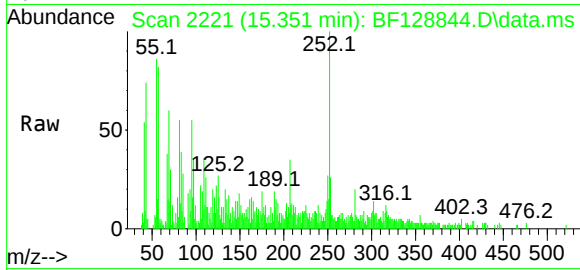
Acq: 16 Jun 2022 17:31

Instrument :

BNA\_F

ClientSampleId :

MJS-LB-02-13.0-14.0



Tgt Ion:252 Resp: 8967

Ion Ratio Lower Upper

252 100

253 26.4 17.0 25.6#

125 26.7 8.8 13.2#

