

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060922\  
 Data File : BF128749.D  
 Acq On : 09 Jun 2022 16:20  
 Operator : CG\JU  
 Sample : N3268-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-215(36-38)

Quant Time: Jun 10 03:28:44 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 08 14:28:39 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.810  | 152  | 77746    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.098  | 136  | 299241   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.851  | 164  | 170537   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.339 | 188  | 304895   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.986 | 240  | 183675   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.445 | 264  | 169914   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 682793   | 139.888 | ng    | 0.00     |
| 7) Phenol-d6                | 6.475  | 99   | 878967   | 147.525 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.381  | 82   | 617781   | 96.120  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.651 | 330  | 283668   | 140.780 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.175  | 172  | 1149219  | 94.397  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.933 | 244  | 1122129  | 106.158 | ng    | 0.00     |

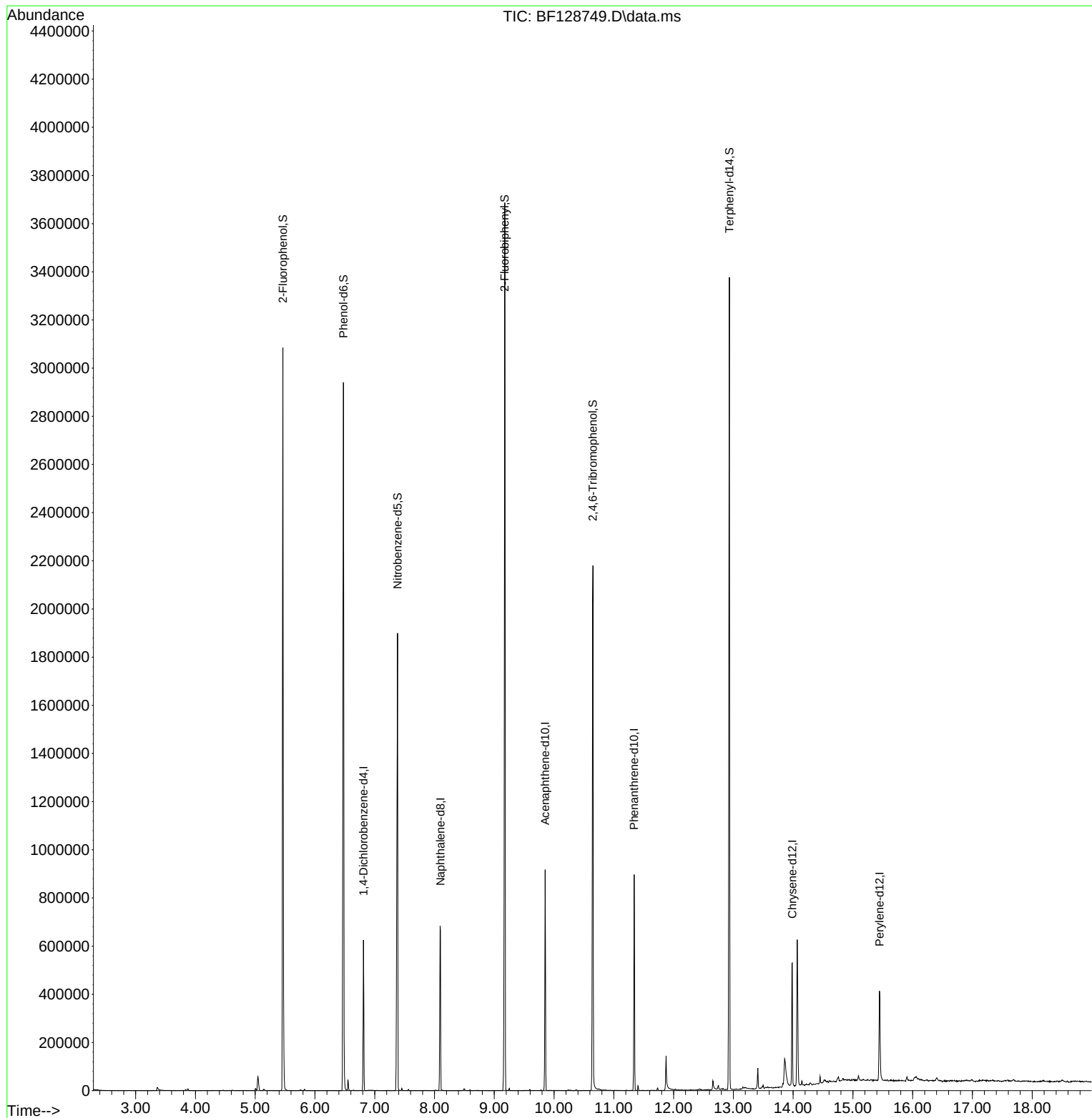
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

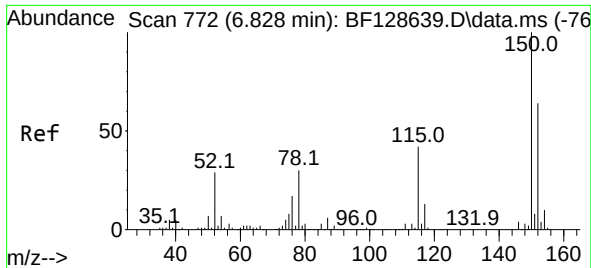
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 08 14:28:39 2022  
Response via : Initial Calibration

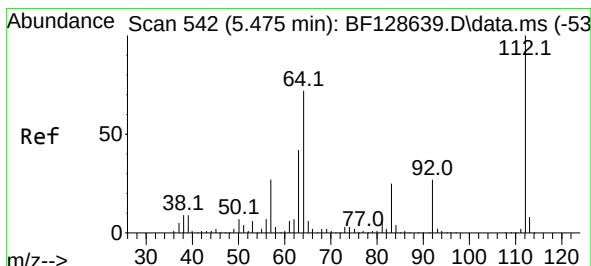
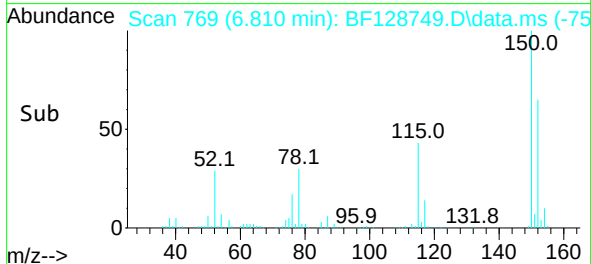
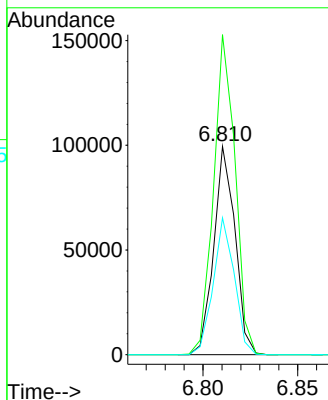
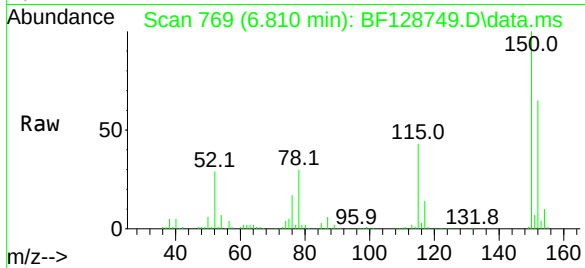




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 772  
Delta R.T. 0.000 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

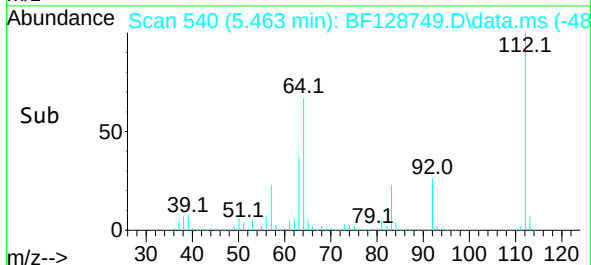
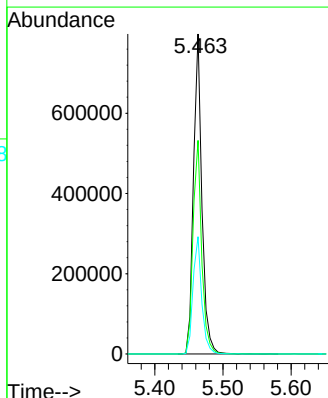
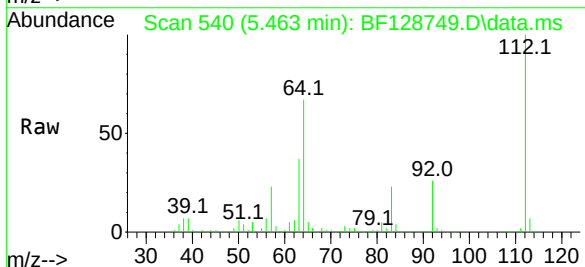
Instrument :  
BNA\_F  
ClientSampleId :  
B-215(36-38)

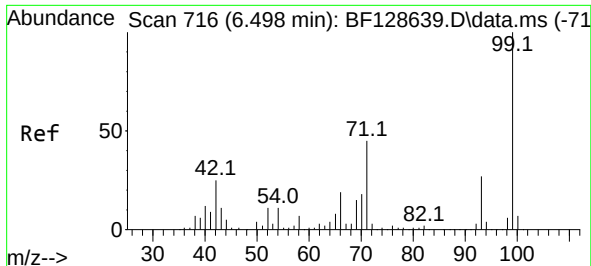
Tgt Ion:152 Resp: 77746  
Ion Ratio Lower Upper  
152 100  
150 153.6 123.7 185.5  
115 65.7 49.9 74.9



#5  
2-Fluorophenol  
Concen: 139.888 ng  
RT: 5.463 min Scan# 540  
Delta R.T. 0.006 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

Tgt Ion:112 Resp: 682793  
Ion Ratio Lower Upper  
112 100  
64 66.8 53.3 79.9  
63 36.7 28.0 42.0

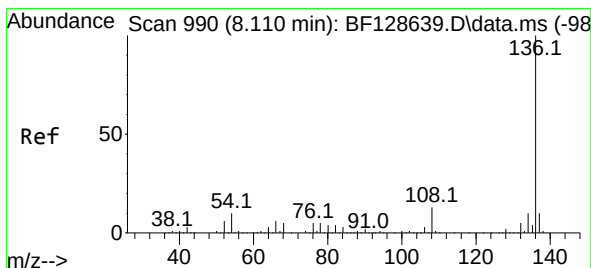
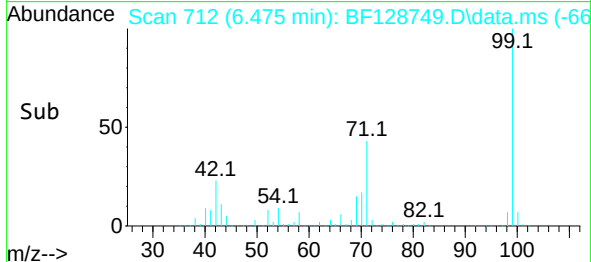
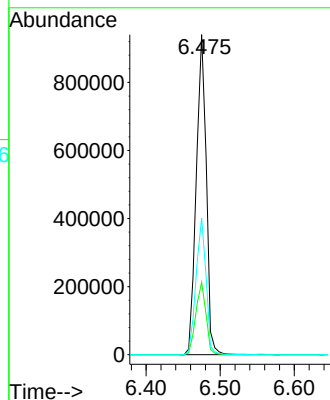
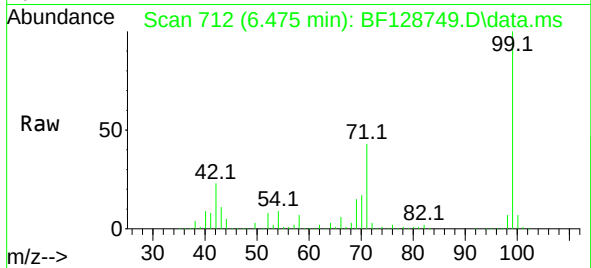




#7  
Phenol-d6  
Concen: 147.525 ng  
RT: 6.475 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

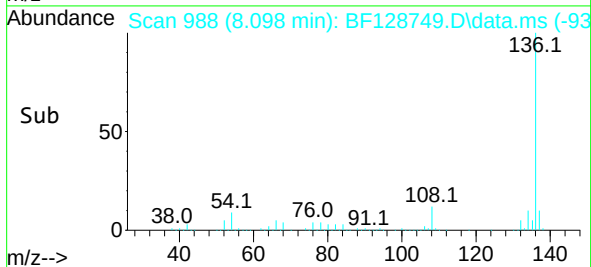
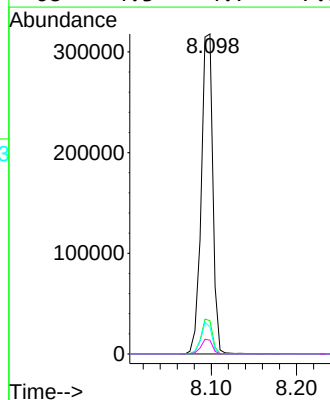
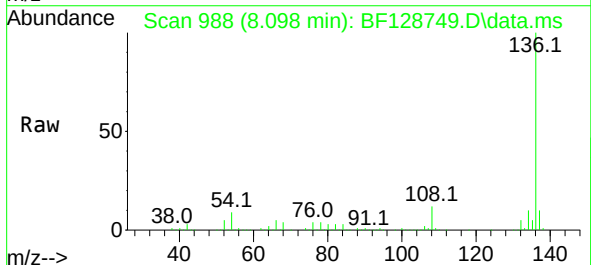
Instrument :  
BNA\_F  
ClientSampleId :  
B-215(36-38)

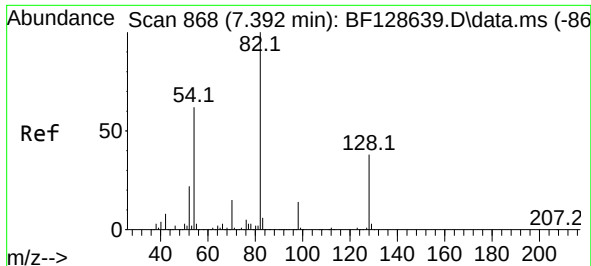
Tgt Ion: 99 Resp: 878967  
Ion Ratio Lower Upper  
99 100  
42 22.7 17.3 25.9  
71 42.7 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.098 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

Tgt Ion: 136 Resp: 299241  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.8 13.2  
54 8.5 7.5 11.3  
68 4.3 4.7 7.1#

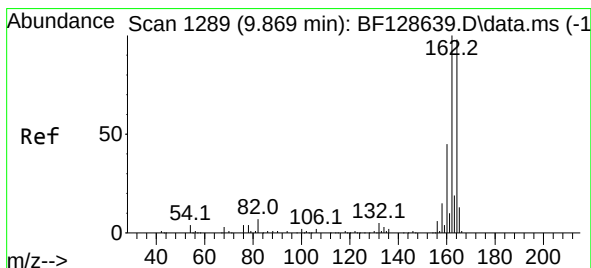
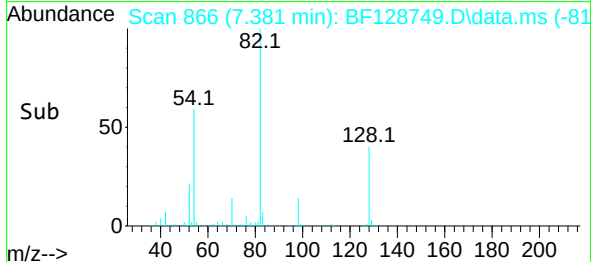
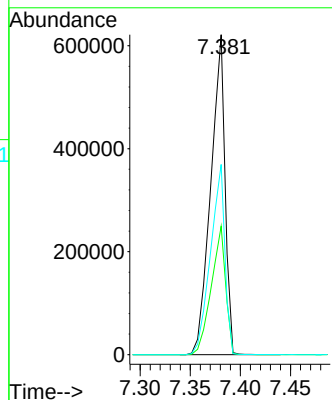
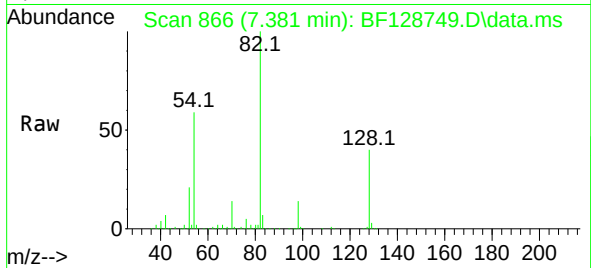




#23  
Nitrobenzene-d5  
Concen: 96.120 ng  
RT: 7.381 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

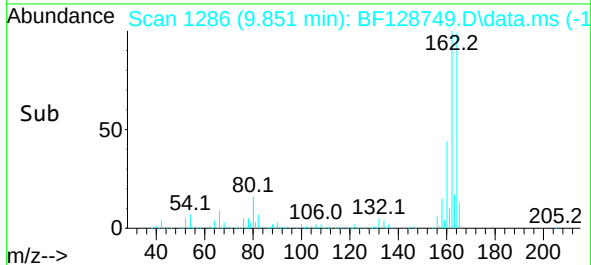
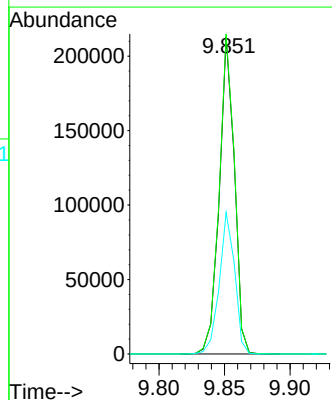
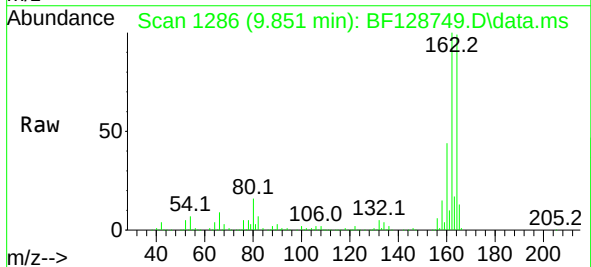
Instrument :  
BNA\_F  
ClientSampleId :  
B-215(36-38)

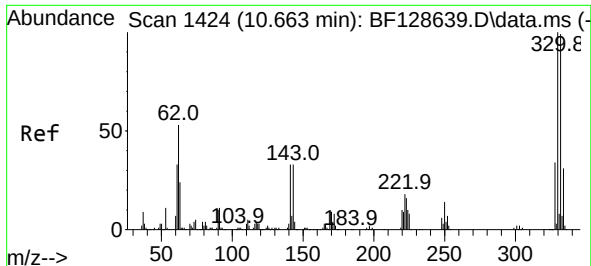
Tgt Ion: 82 Resp: 617781  
Ion Ratio Lower Upper  
82 100  
128 40.1 34.0 51.0  
54 59.4 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.851 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

Tgt Ion: 164 Resp: 170537  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.5 119.3  
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 140.780 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

B-215(36-38)

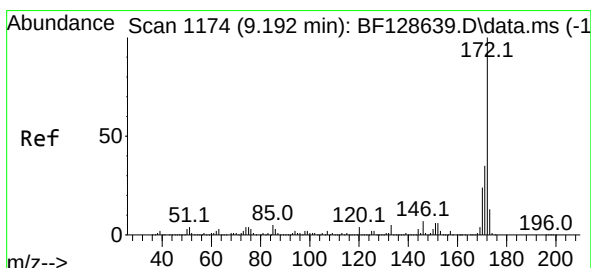
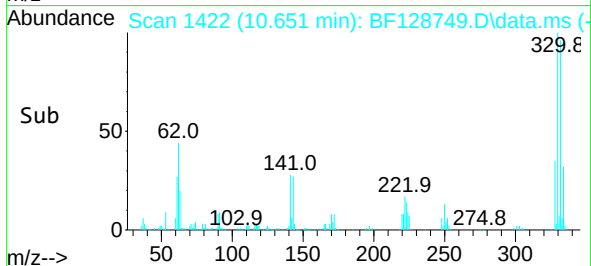
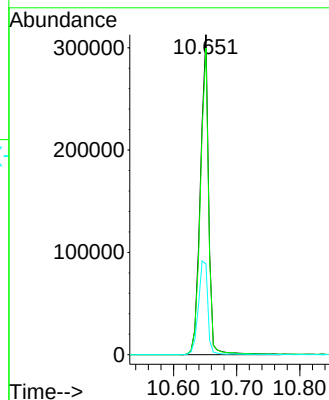
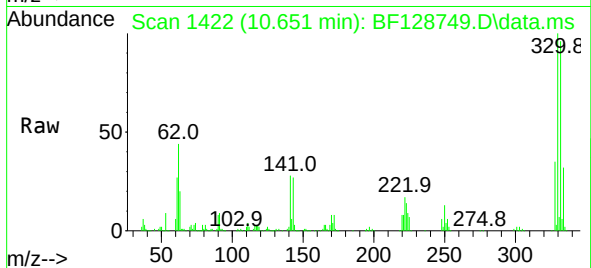
Tgt Ion:330 Resp: 283668

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

141 33.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 94.397 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF128749.D

Acq: 09 Jun 2022 16:20

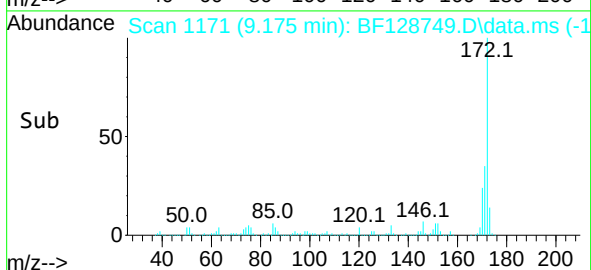
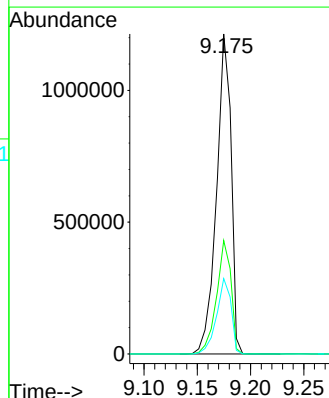
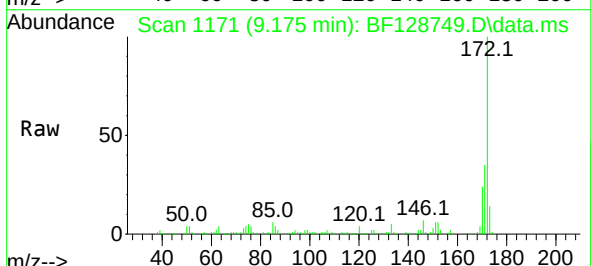
Tgt Ion:172 Resp: 1149219

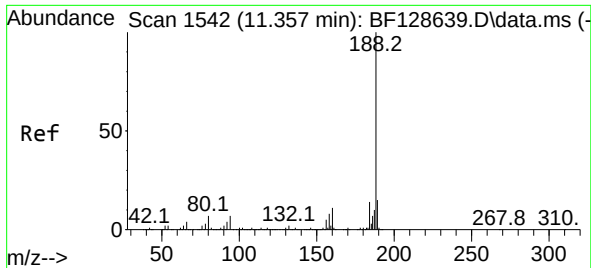
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.8 29.8

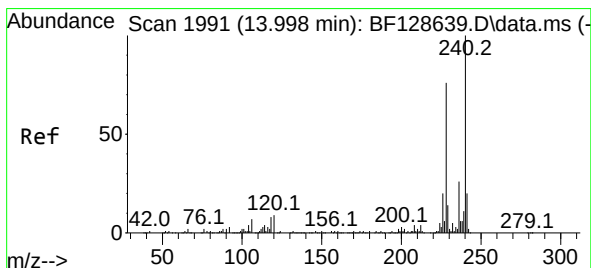
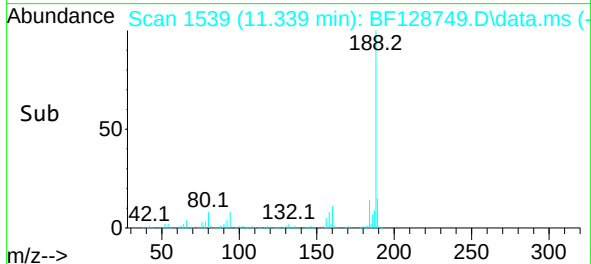
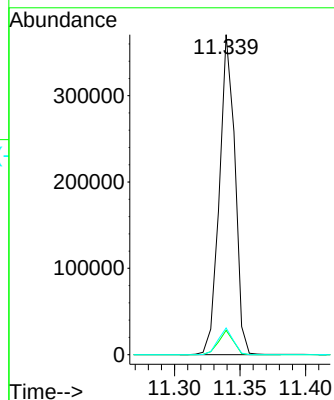
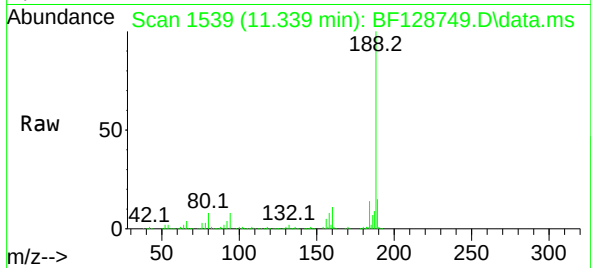




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.339 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

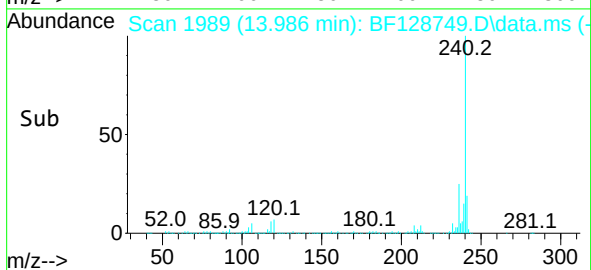
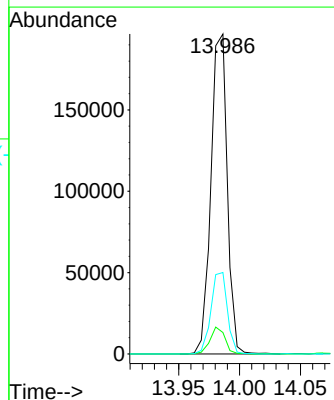
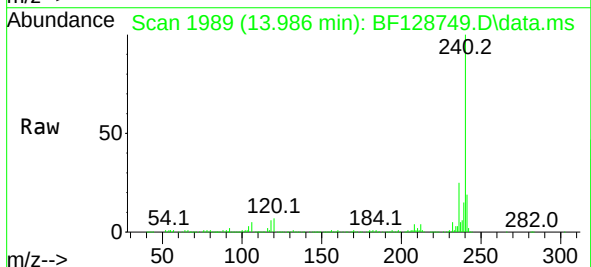
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B-215(36-38)

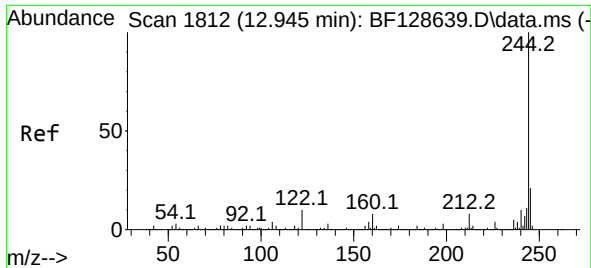
Tgt Ion:188 Resp: 304895  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.0 10.6  
80 8.4 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.986 min Scan# 1989  
Delta R.T. -0.000 min  
Lab File: BF128749.D  
Acq: 09 Jun 2022 16:20

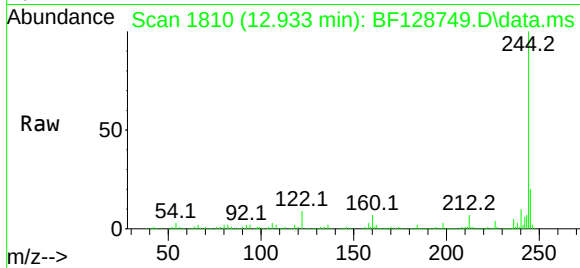
Tgt Ion:240 Resp: 183675  
Ion Ratio Lower Upper  
240 100  
120 6.7 8.9 13.3#  
236 25.4 20.8 31.2





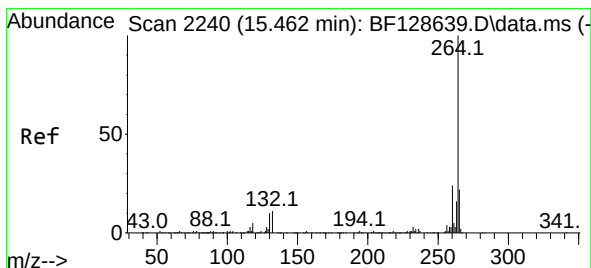
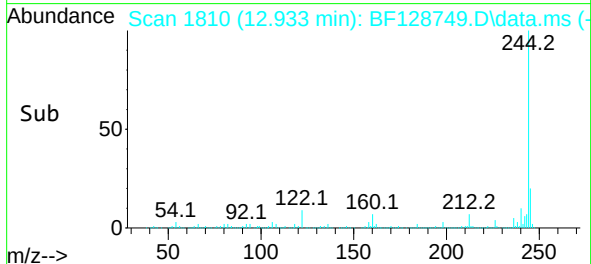
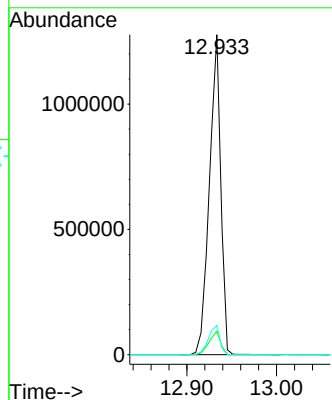
#79  
 Terphenyl-d14  
 Concen: 106.158 ng  
 RT: 12.933 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF128749.D  
 Acq: 09 Jun 2022 16:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-215(36-38)



Tgt Ion:244 Resp: 1122129

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.3   | 6.1   | 9.1   |
| 122 | 9.1   | 8.8   | 13.2  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.445 min Scan# 2237  
 Delta R.T. -0.000 min  
 Lab File: BF128749.D  
 Acq: 09 Jun 2022 16:20

Tgt Ion:264 Resp: 169914

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 18.4  | 27.6  |
| 265 | 21.1  | 17.2  | 25.8  |

