

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042722\  
 Data File : BF127963.D  
 Acq On : 27 Apr 2022 23:44  
 Operator : CG\JU  
 Sample : N2479-08  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E14ST-EB4-041922-5-10

Quant Time: Apr 28 05:17:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 05:13:03 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.928  | 152  | 98434    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.210  | 136  | 373463   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.969  | 164  | 187900   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.463 | 188  | 278965   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.104 | 240  | 193564   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.615 | 264  | 240783   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.551  | 112  | 726836   | 117.611 | ng    | 0.00     |
| 7) Phenol-d6                | 6.551  | 99   | 939820   | 117.200 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.492  | 82   | 675106   | 85.005  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.763 | 330  | 187953   | 99.366  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.286  | 172  | 1007151  | 90.678  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.045 | 244  | 712871   | 67.344  | ng    | -0.01    |

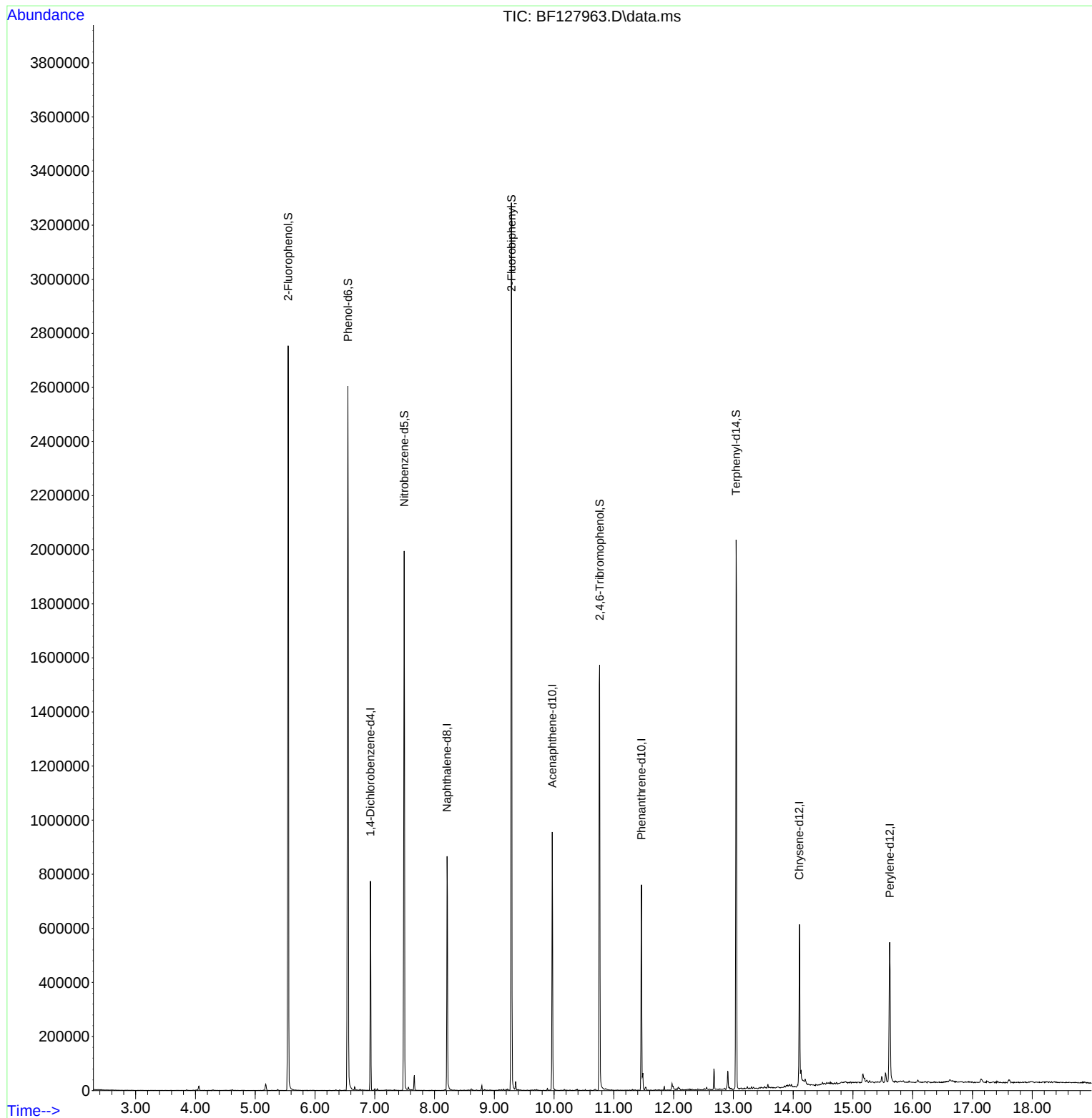
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

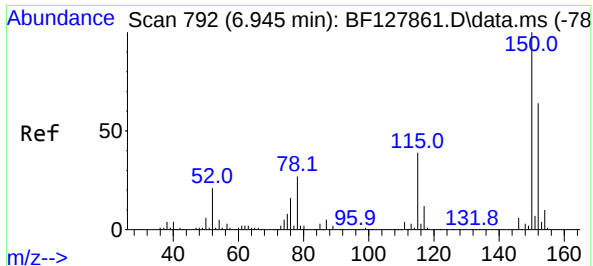
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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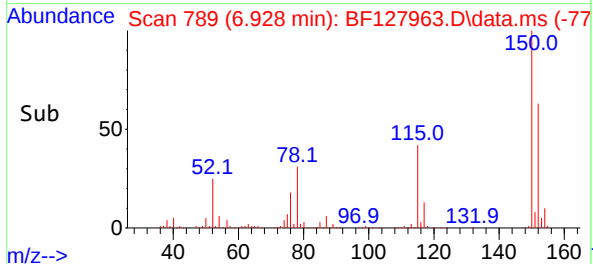
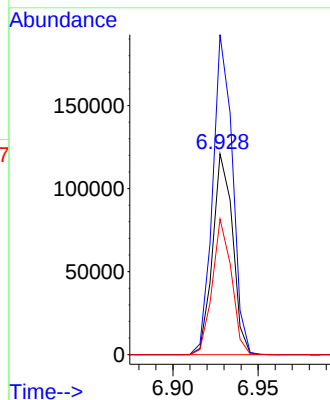
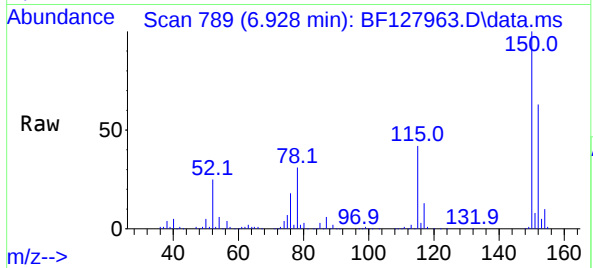




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: BF127963.D  
Acq: 27 Apr 2022 23:44

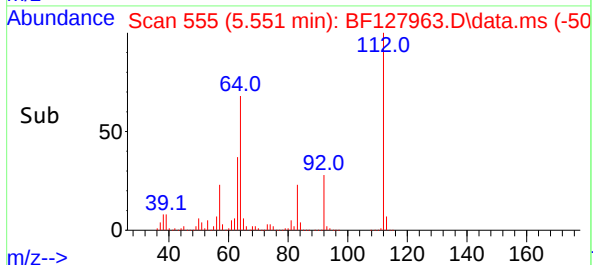
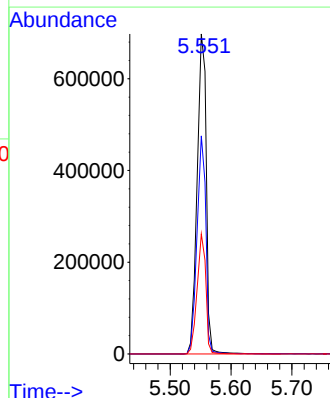
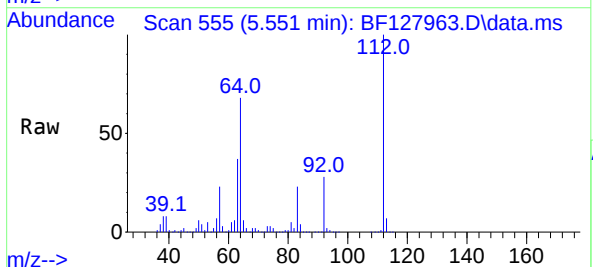
Instrument :  
BNA\_F  
ClientSampleId :  
E14ST-EB4-041922-5-10

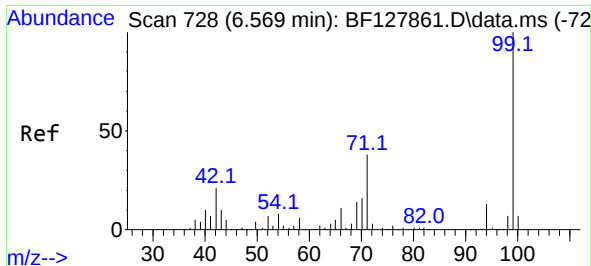
Tgt Ion:152 Resp: 98434  
Ion Ratio Lower Upper  
152 100  
150 159.4 125.3 187.9  
115 67.6 48.8 73.2



#5  
2-Fluorophenol  
Concen: 117.611 ng  
RT: 5.551 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: BF127963.D  
Acq: 27 Apr 2022 23:44

Tgt Ion:112 Resp: 726836  
Ion Ratio Lower Upper  
112 100  
64 68.2 49.5 74.3  
63 37.5 26.3 39.5

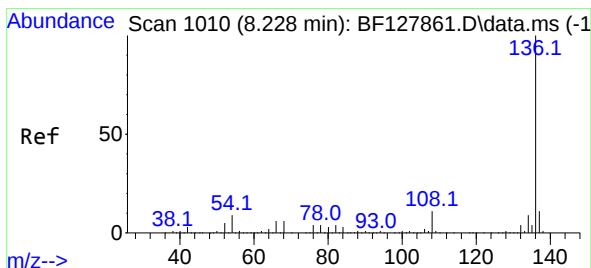
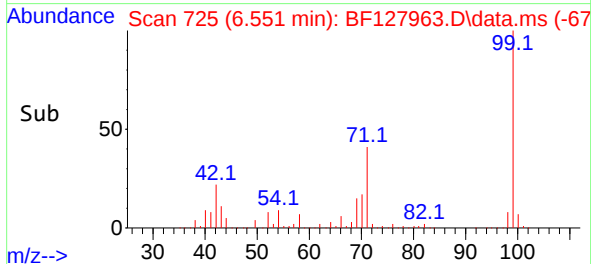
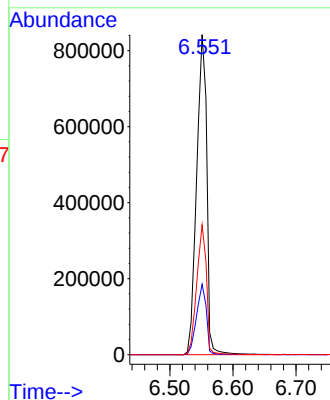
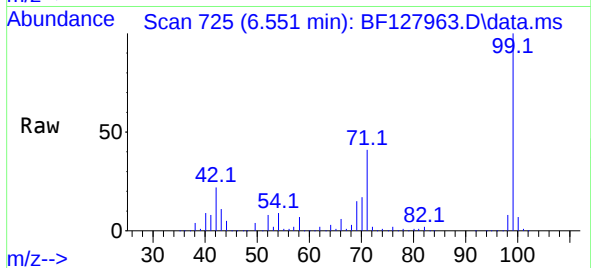




#7  
Phenol-d6  
Concen: 117.200 ng  
RT: 6.551 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF127963.D  
Acq: 27 Apr 2022 23:44

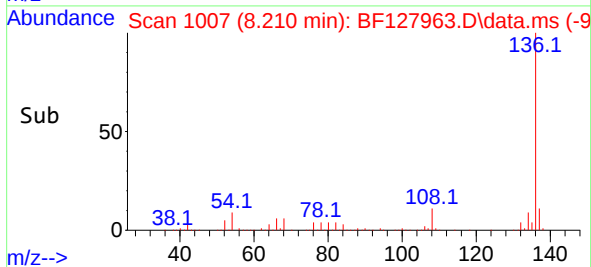
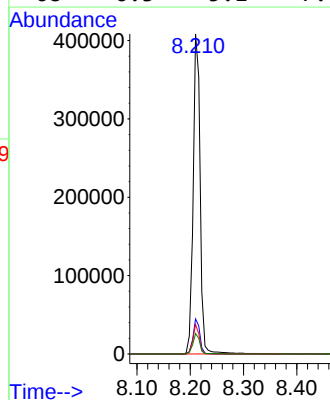
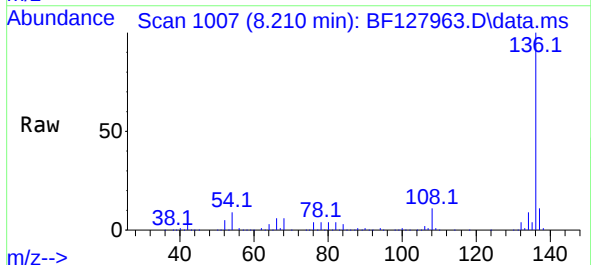
Instrument :  
BNA\_F  
ClientSampleId :  
E14ST-EB4-041922-5-10

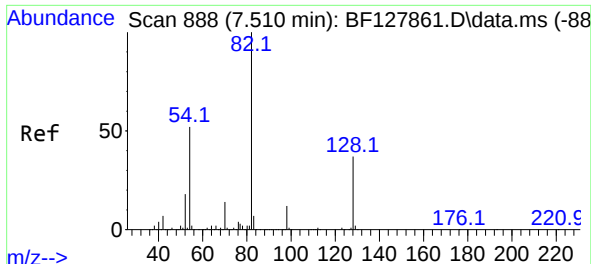
Tgt Ion: 99 Resp: 939820  
Ion Ratio Lower Upper  
99 100  
42 22.0 16.6 24.8  
71 40.5 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.210 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BF127963.D  
Acq: 27 Apr 2022 23:44

Tgt Ion: 136 Resp: 373463  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 9.2 6.8 10.2  
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 85.005 ng

RT: 7.492 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127963.D

Acq: 27 Apr 2022 23:44

Instrument :

BNA\_F

ClientSampleId :

E14ST-EB4-041922-5-10

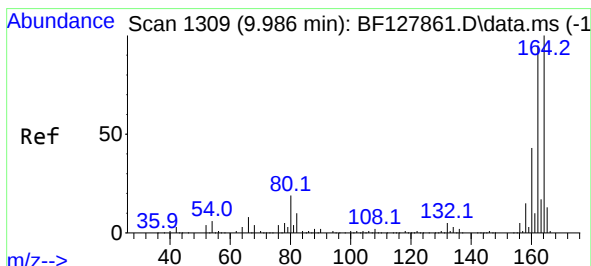
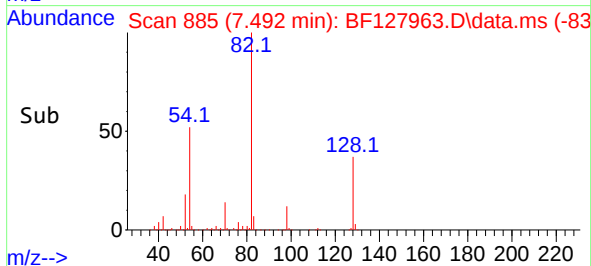
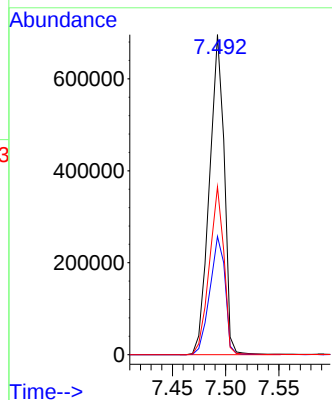
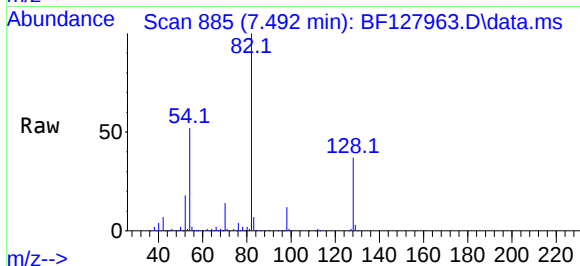
Tgt Ion: 82 Resp: 675106

Ion Ratio Lower Upper

82 100

128 37.0 30.0 45.0

54 52.5 41.3 61.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF127963.D

Acq: 27 Apr 2022 23:44

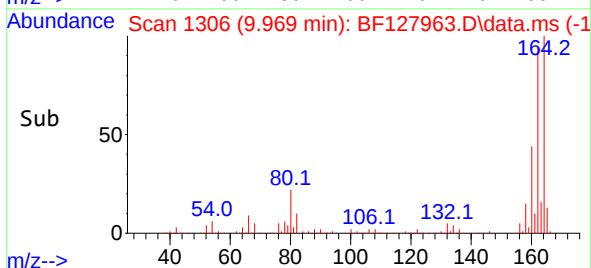
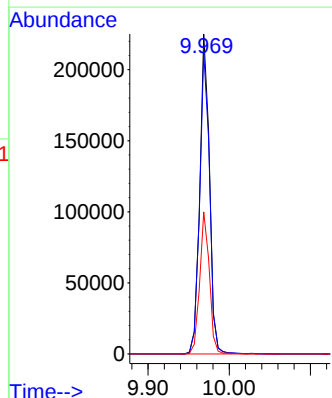
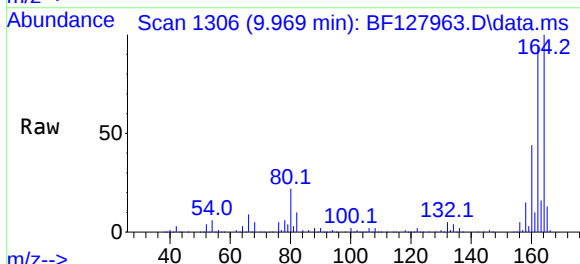
Tgt Ion: 164 Resp: 187900

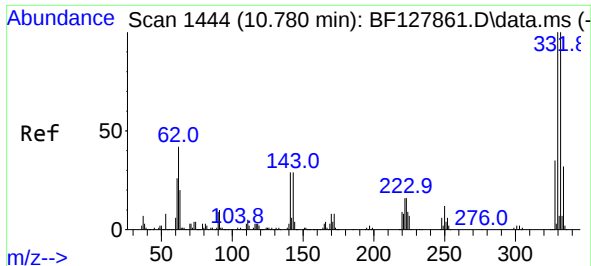
Ion Ratio Lower Upper

164 100

162 94.4 76.0 114.0

160 44.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 99.366 ng

RT: 10.763 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF127963.D

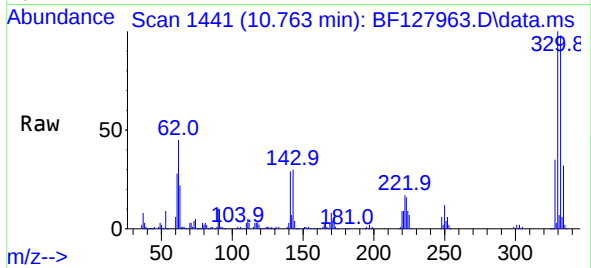
Acq: 27 Apr 2022 23:44

Instrument :

BNA\_F

ClientSampleId :

E14ST-EB4-041922-5-10



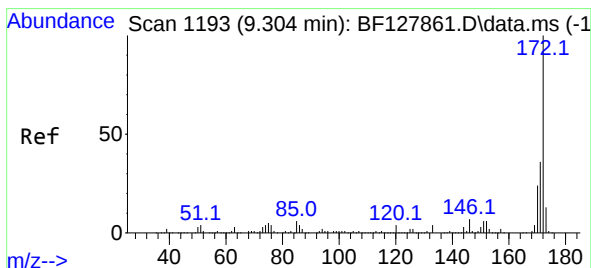
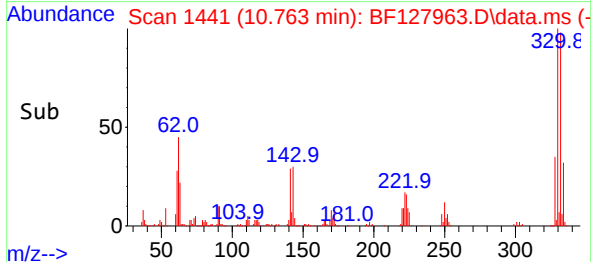
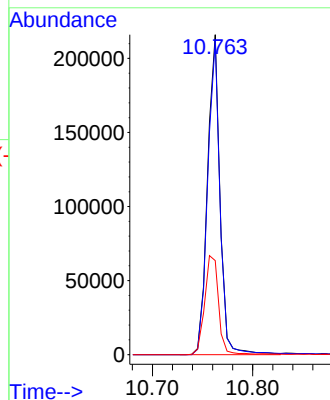
Tgt Ion:330 Resp: 187953

Ion Ratio Lower Upper

330 100

332 97.5 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 90.678 ng

RT: 9.286 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF127963.D

Acq: 27 Apr 2022 23:44

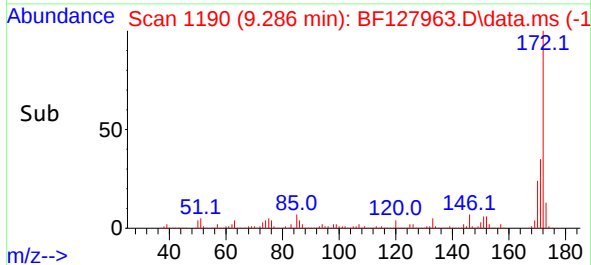
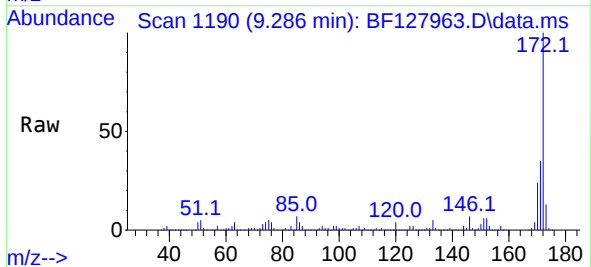
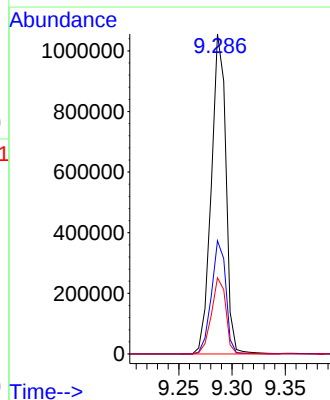
Tgt Ion:172 Resp: 1007151

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.8 19.1 28.7

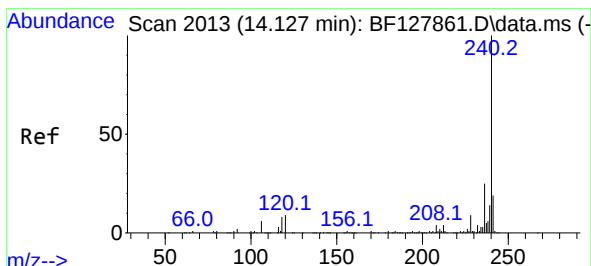
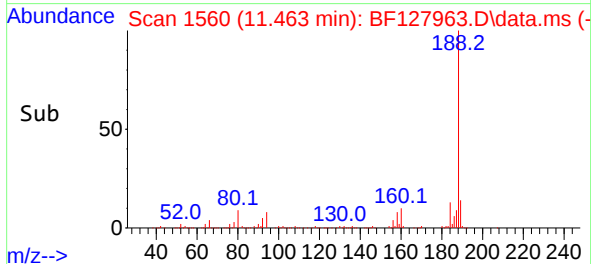
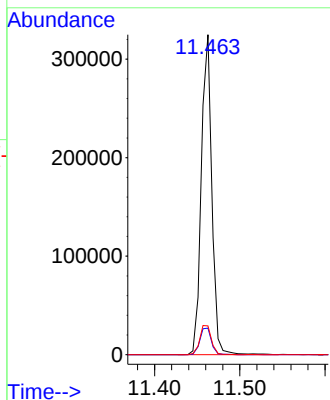
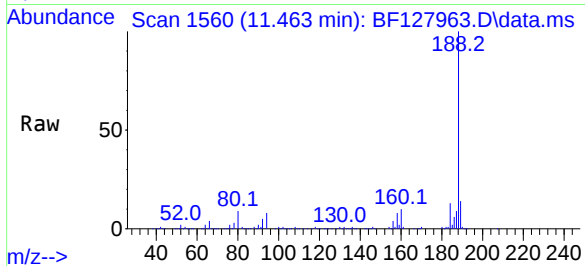




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.463 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127963.D  
Acq: 27 Apr 2022 23:44

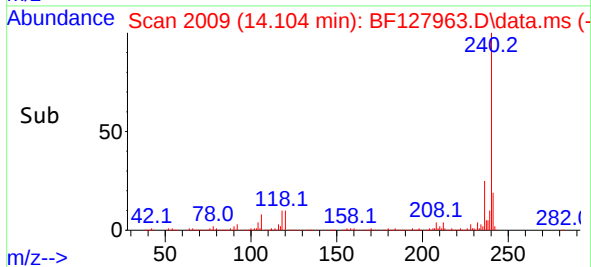
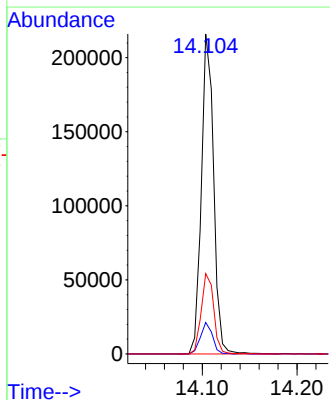
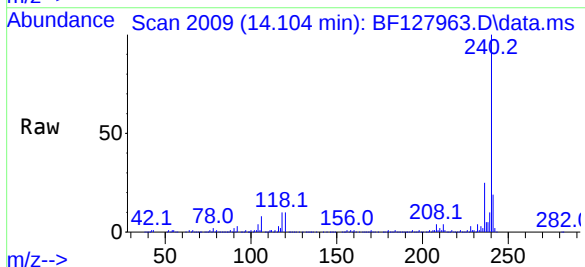
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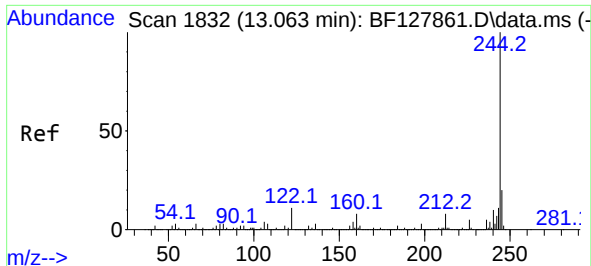
Tgt Ion:188 Resp: 278965  
Ion Ratio Lower Upper  
188 100  
94 8.3 8.0 12.0  
80 9.0 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.104 min Scan# 2009  
Delta R.T. -0.012 min  
Lab File: BF127963.D  
Acq: 27 Apr 2022 23:44

Tgt Ion:240 Resp: 193564  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.0 10.6  
236 25.1 20.3 30.5

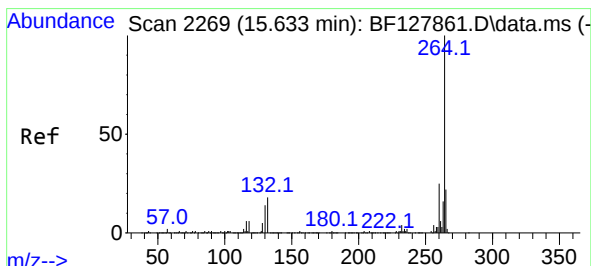
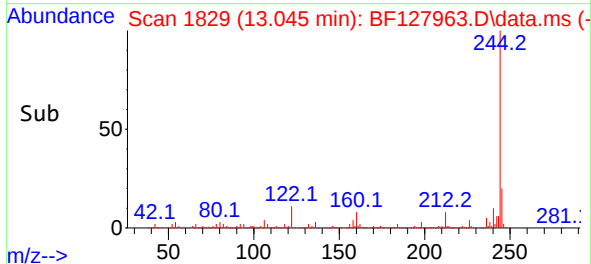
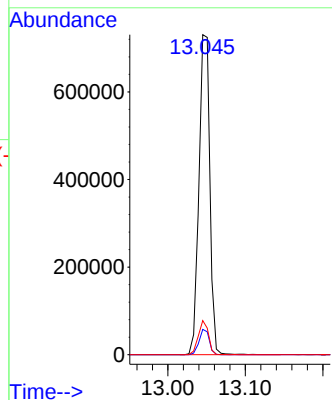
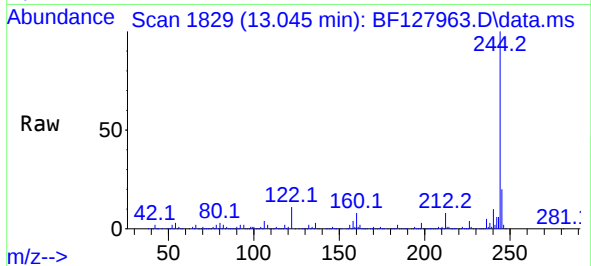




#79  
 Terphenyl-d14  
 Concen: 67.344 ng  
 RT: 13.045 min Scan# 1829  
 Delta R.T. -0.012 min  
 Lab File: BF127963.D  
 Acq: 27 Apr 2022 23:44

Instrument :  
 BNA\_F  
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 E14ST-EB4-041922-5-10

Tgt Ion:244 Resp: 712871  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.4  
 122 10.6 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.615 min Scan# 2266  
 Delta R.T. -0.006 min  
 Lab File: BF127963.D  
 Acq: 27 Apr 2022 23:44

Tgt Ion:264 Resp: 240783  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 20.1 30.1  
 265 22.4 17.5 26.3

