

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041222\  
 Data File : BF127763.D  
 Acq On : 12 Apr 2022 17:31  
 Operator : CG\JU  
 Sample : N2334-16  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB040722

Quant Time: Apr 13 07:24:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 07:19:18 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.957  | 152  | 125143   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.239  | 136  | 453474   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.998  | 164  | 260821   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.486 | 188  | 471555   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.133 | 240  | 359690   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.651 | 264  | 349021   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.575  | 112  | 509816   | 66.196  | ng    | 0.00     |
| 7) Phenol-d6                | 6.569  | 99   | 391792   | 38.886  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.522  | 82   | 965745   | 94.943  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.792 | 330  | 429033   | 154.577 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.316  | 172  | 1705471  | 92.503  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.080 | 244  | 1880923  | 86.315  | ng    | 0.00     |

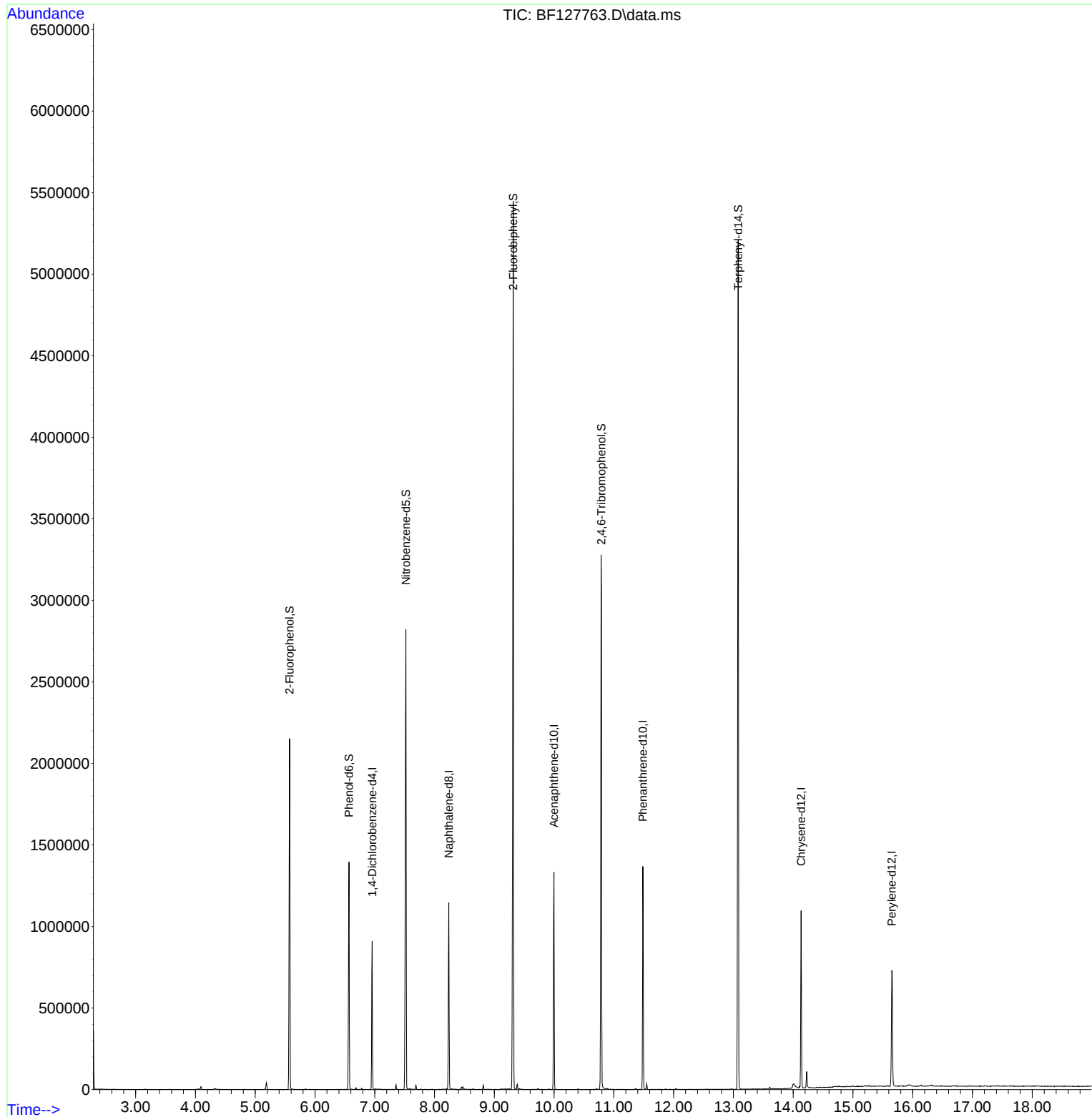
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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ALS Vial : 12 Sample Multiplier: 1

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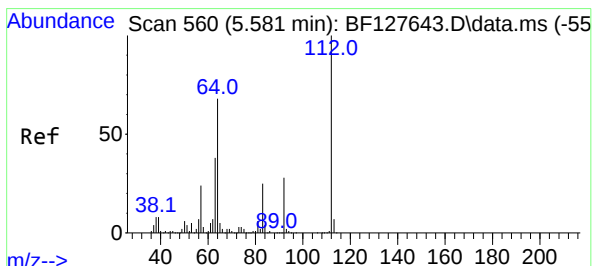
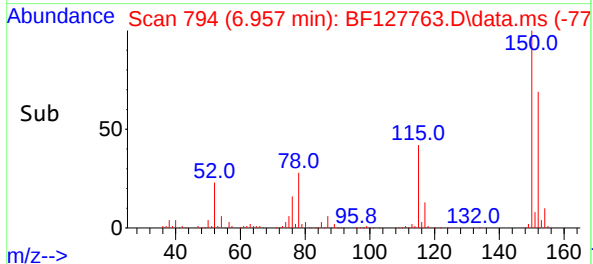
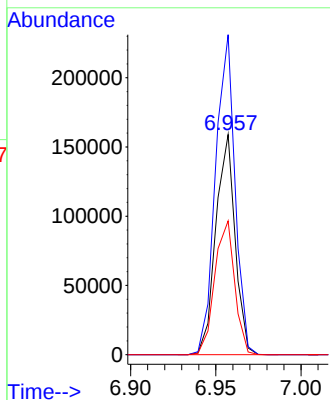
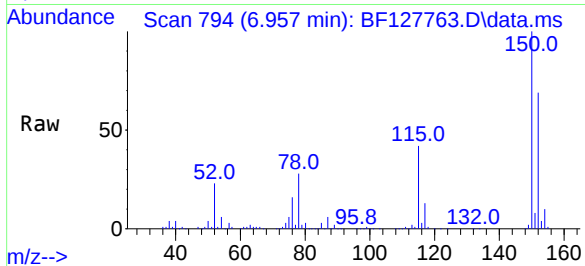




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.957 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

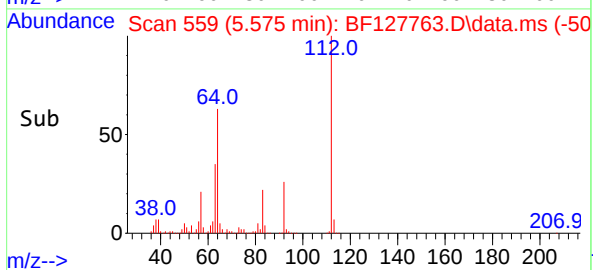
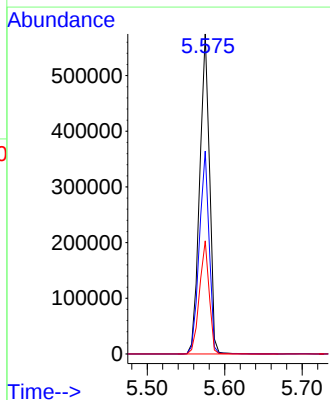
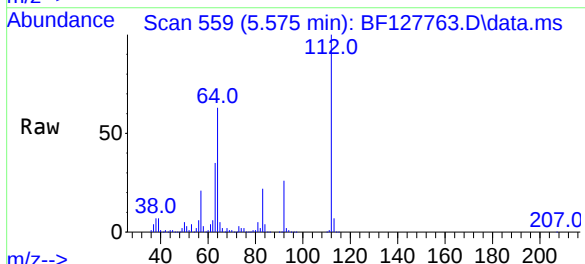
Instrument :  
BNA\_F  
ClientSampleId :  
FB040722

Tgt Ion:152 Resp: 125143  
Ion Ratio Lower Upper  
152 100  
150 145.4 117.2 175.8  
115 60.7 49.8 74.6



#5  
2-Fluorophenol  
Concen: 66.196 ng  
RT: 5.575 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

Tgt Ion:112 Resp: 509816  
Ion Ratio Lower Upper  
112 100  
64 63.4 58.4 87.6  
63 35.4 30.1 45.1

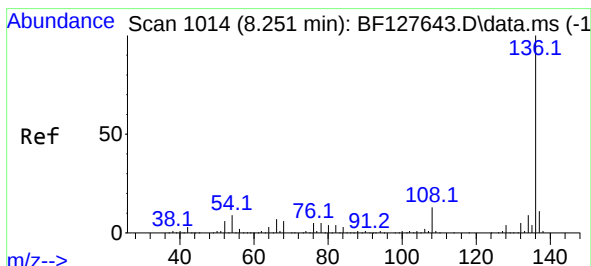
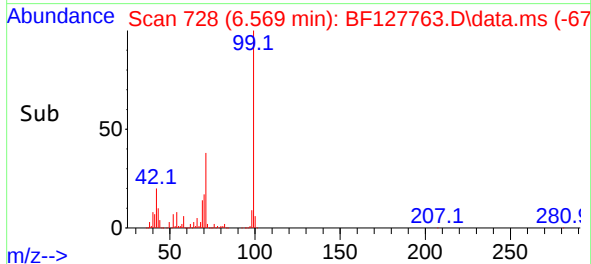
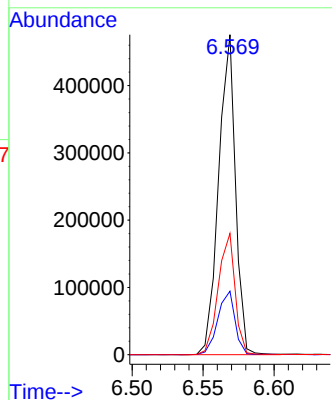
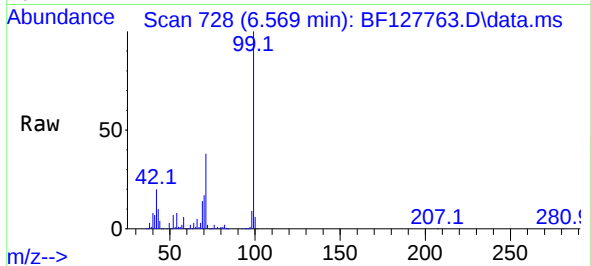




#7  
Phenol-d6  
Concen: 38.886 ng  
RT: 6.569 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

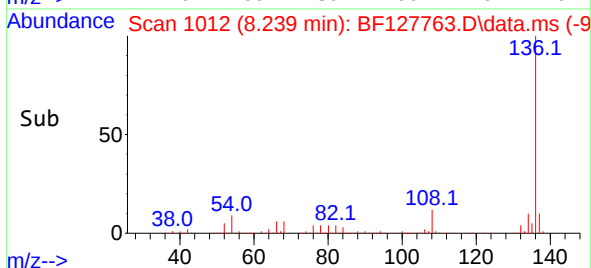
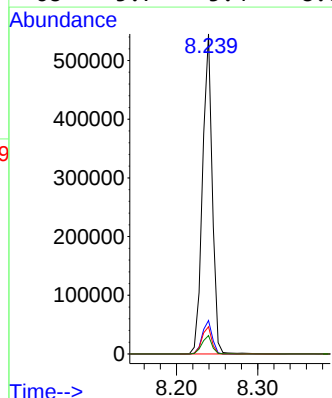
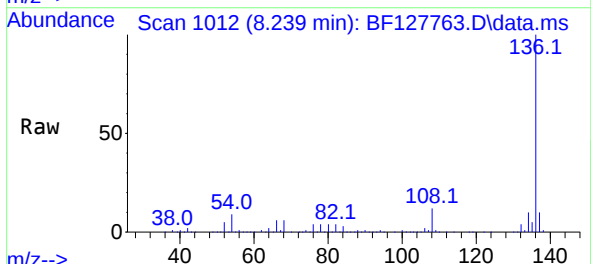
Instrument :  
BNA\_F  
ClientSampleId :  
FB040722

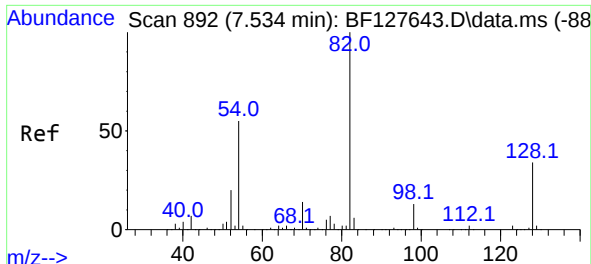
Tgt Ion: 99 Resp: 391792  
Ion Ratio Lower Upper  
99 100  
42 19.9 17.8 26.6  
71 37.9 29.6 44.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

Tgt Ion: 136 Resp: 453474  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.6 13.0  
54 8.5 9.2 13.8#  
68 5.7 5.4 8.0

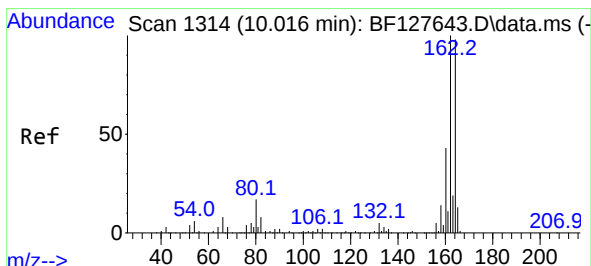
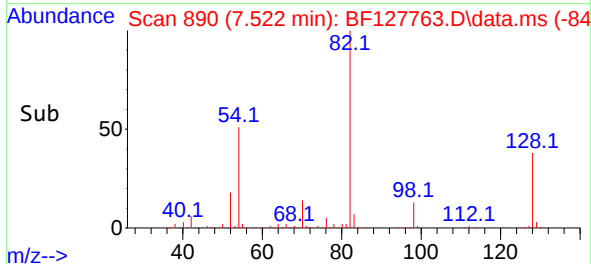
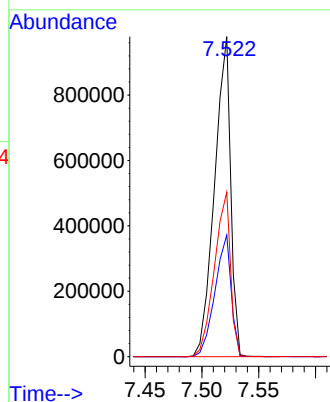
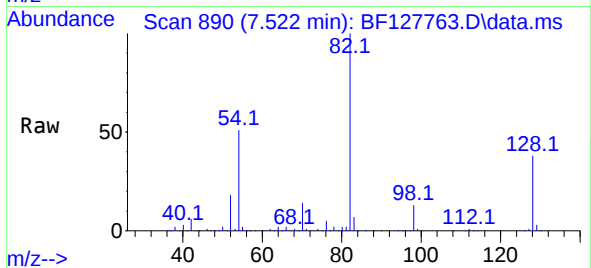




#23  
Nitrobenzene-d5  
Concen: 94.943 ng  
RT: 7.522 min Scan# 89  
Delta R.T. -0.006 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

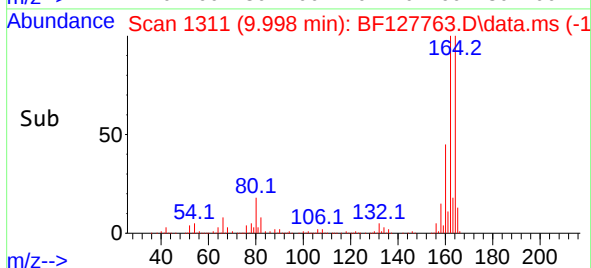
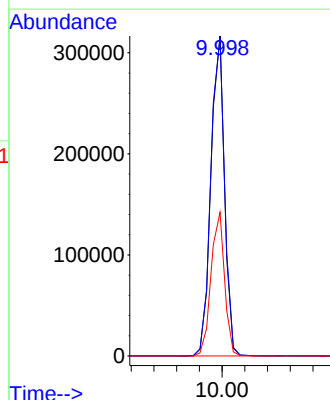
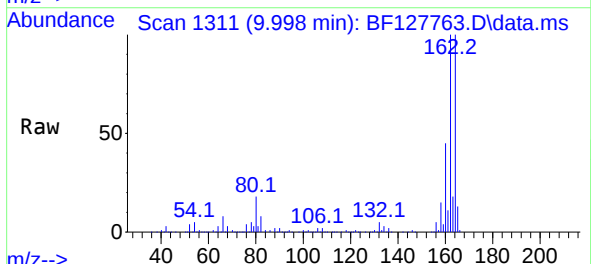
Instrument :  
BNA\_F  
ClientSampleId :  
FB040722

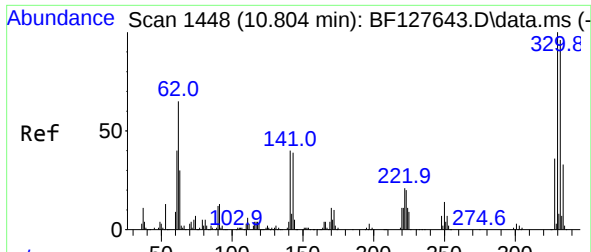
Tgt Ion: 82 Resp: 965745  
Ion Ratio Lower Upper  
82 100  
128 38.0 30.6 45.8  
54 51.4 48.2 72.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1311  
Delta R.T. -0.006 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

Tgt Ion: 164 Resp: 260821  
Ion Ratio Lower Upper  
164 100  
162 99.7 81.2 121.8  
160 44.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 154.577 ng

RT: 10.792 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

Instrument :

BNA\_F

ClientSampleId :

FB040722

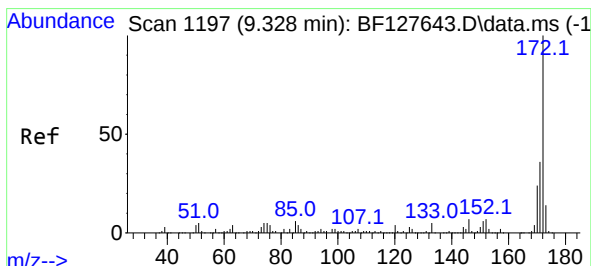
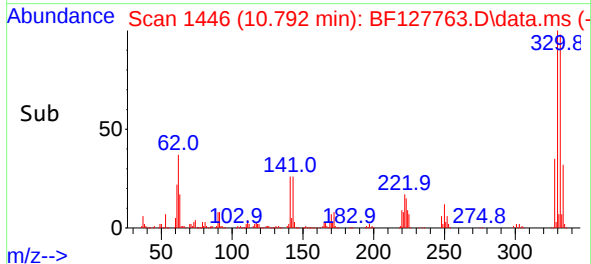
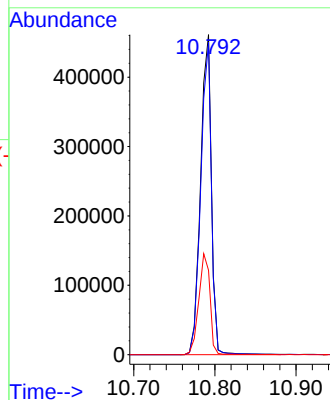
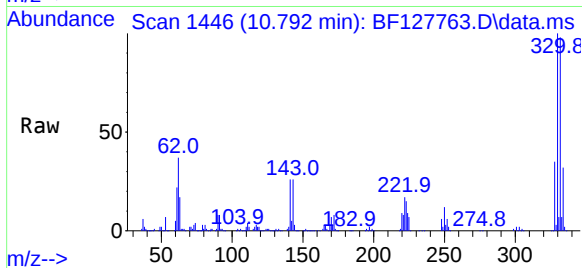
Tgt Ion:330 Resp: 429033

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

141 32.7 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 92.503 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127763.D

Acq: 12 Apr 2022 17:31

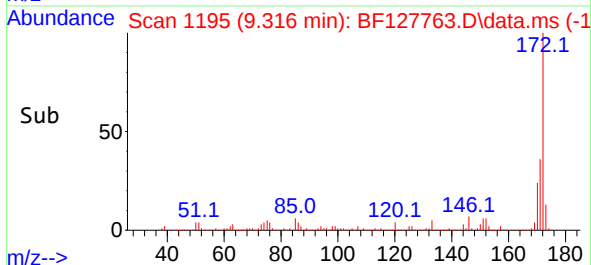
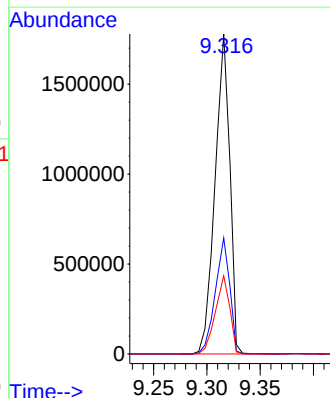
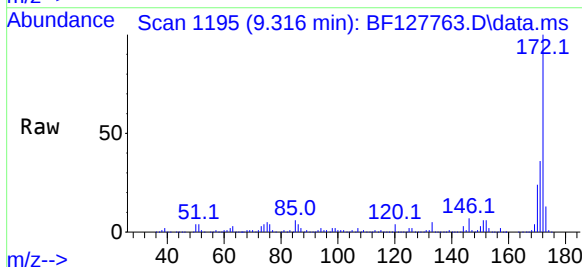
Tgt Ion:172 Resp: 1705471

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.4 18.6 27.8

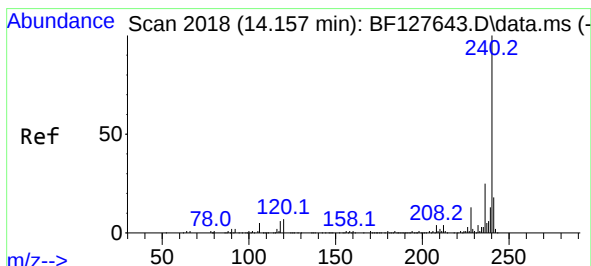
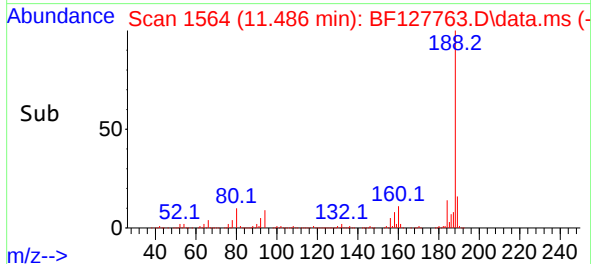
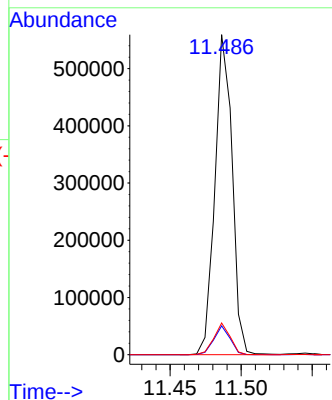
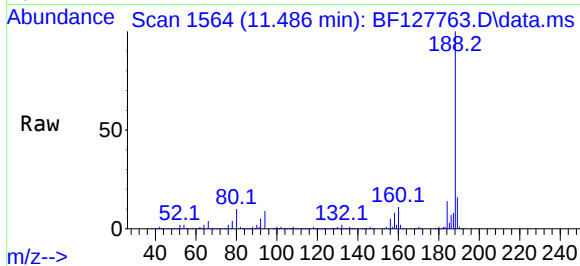




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

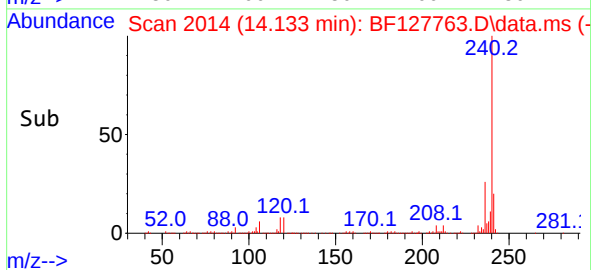
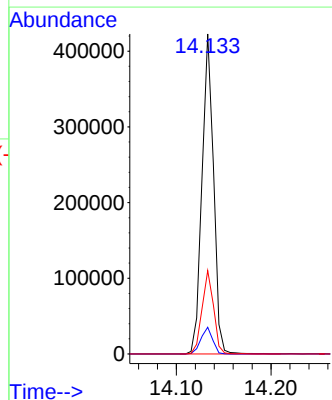
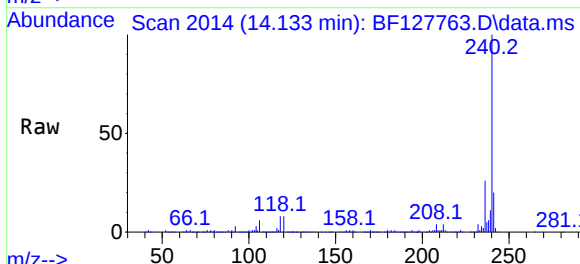
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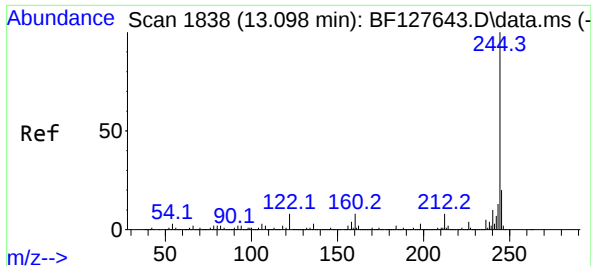
Tgt Ion:188 Resp: 471555  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.4 11.0  
80 9.9 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.133 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

Tgt Ion:240 Resp: 359690  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.1 10.7  
236 26.1 20.7 31.1

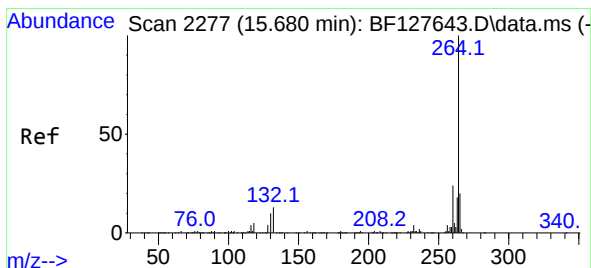
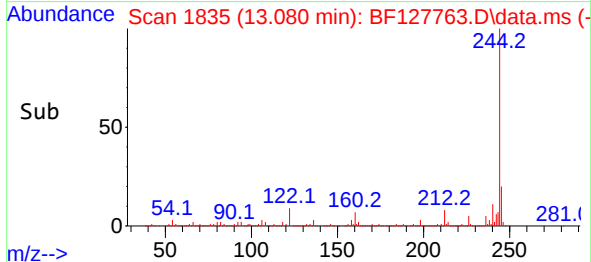
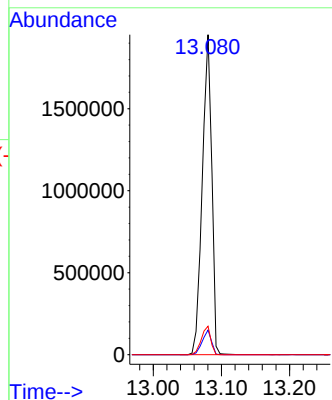
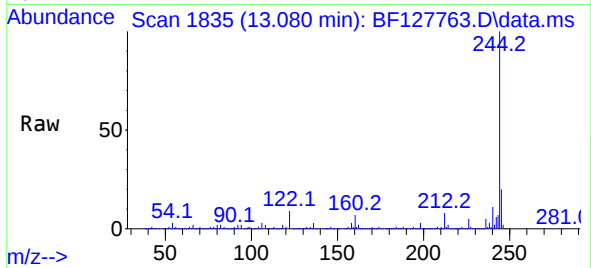




#79  
Terphenyl-d14  
Concen: 86.315 ng  
RT: 13.080 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

Instrument :  
BNA\_F  
ClientSampleId :  
FB040722

Tgt Ion:244 Resp: 1880923  
Ion Ratio Lower Upper  
244 100  
212 7.7 5.7 8.5  
122 8.9 6.2 9.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.651 min Scan# 2272  
Delta R.T. -0.006 min  
Lab File: BF127763.D  
Acq: 12 Apr 2022 17:31

Tgt Ion:264 Resp: 349021  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.1 28.7  
265 22.0 17.4 26.2

