

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060122\  
 Data File : BF128629.D  
 Acq On : 01 Jun 2022 18:24  
 Operator : CG\JU  
 Sample : N2953-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P043-SS001-2430-01

Quant Time: Jun 02 09:37:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

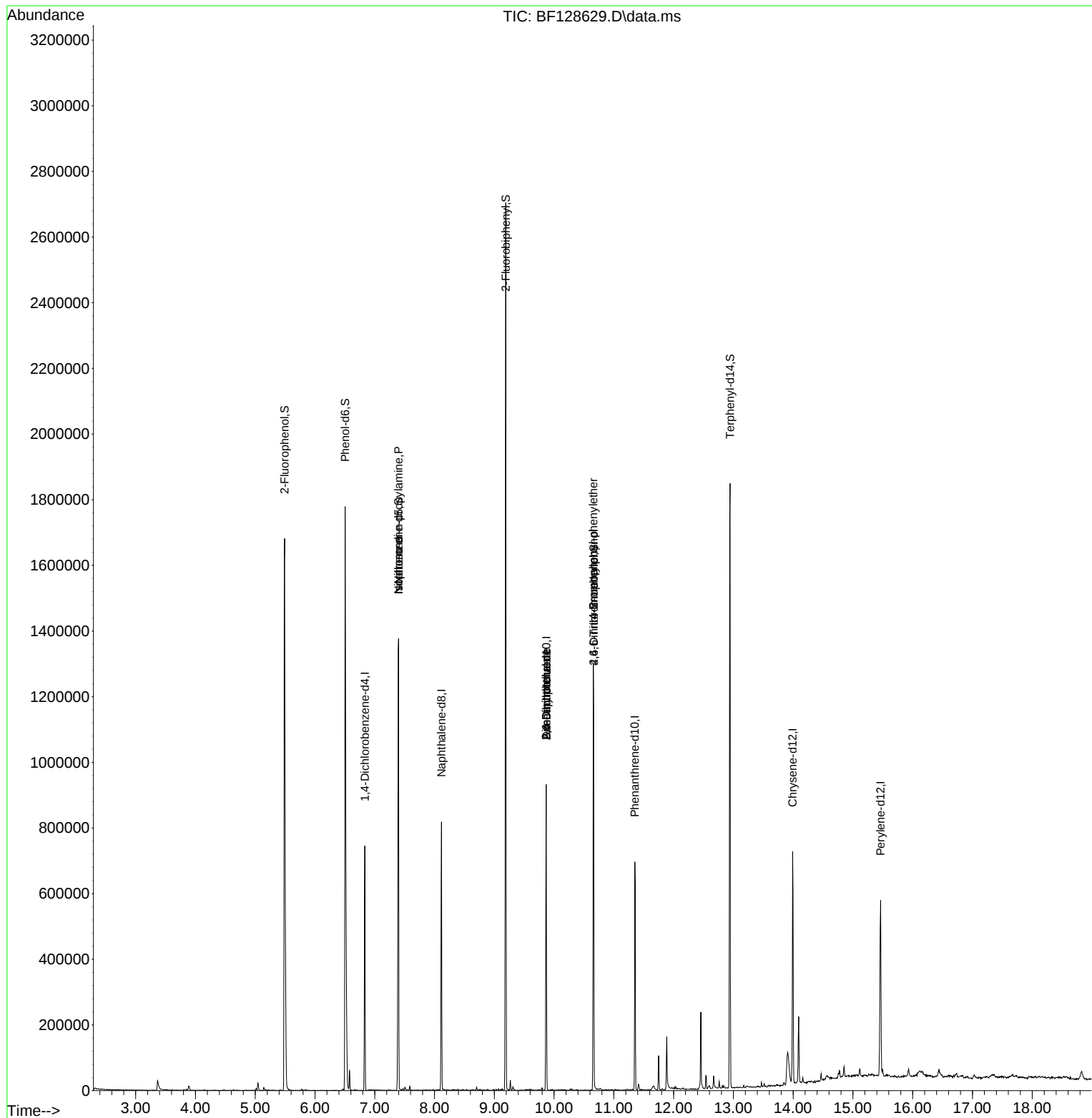
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.834  | 152  | 90225    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.116  | 136  | 315640   | 20.000    | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 9.869  | 164  | 159690   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.351 | 188  | 249104   | 20.000    | ng    | -0.02    |
| 76) Chrysene-d12              | 13.992 | 240  | 231895   | 20.000    | ng    | #-0.02   |
| 86) Perylene-d12              | 15.462 | 264  | 238793   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.492  | 112  | 511187   | 93.847    | ng    | 0.04     |
| 7) Phenol-d6                  | 6.504  | 99   | 618713   | 89.086    | ng    | 0.04     |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 436276   | 79.736    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.663 | 330  | 140489   | 92.428    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.192  | 172  | 718681   | 73.117    | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.945 | 244  | 625651   | 52.124    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.504  | 77   | 1196     | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 60661    | 14.245    | ng    | # 78     |
| 25) Isophorone                | 7.398  | 82   | 434935   | 43.091    | ng    | # 65     |
| 50) Dimethylphthalate         | 9.869  | 163  | 30049    | 2.901     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.869  | 165  | 20491    | 10.794    | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 9.869  | 165  | 20491    | 9.022     | ng    | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 10.663 | 198  | 427      | 5.830     | ng    | # 30     |
| 67) 4-Bromophenyl-phenylether | 10.657 | 248  | 9145     | 3.553     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

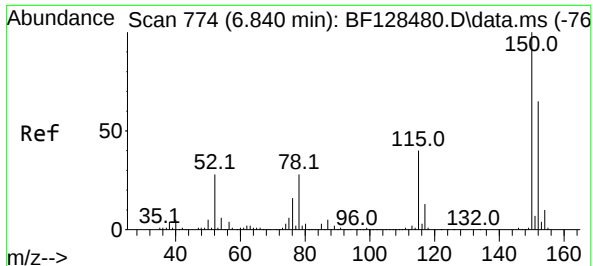
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060122\  
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ALS Vial : 14 Sample Multiplier: 1

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P043-SS001-2430-01

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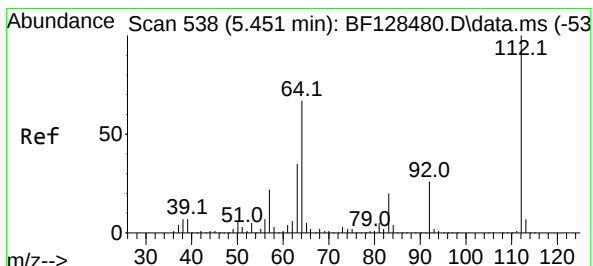
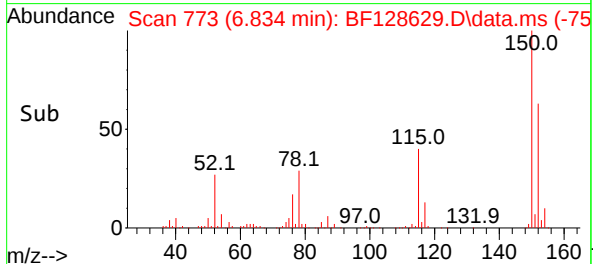
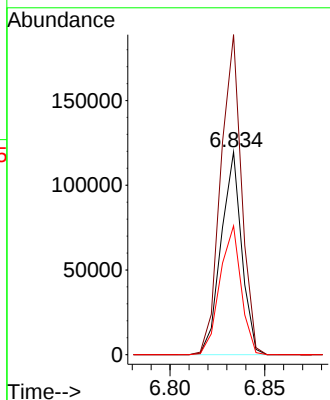
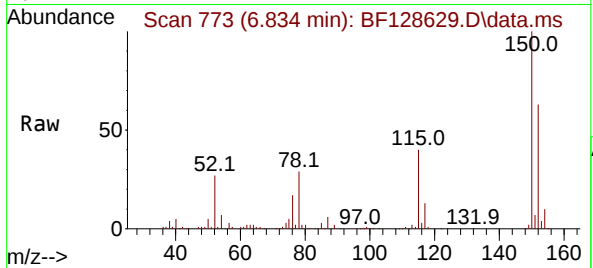




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

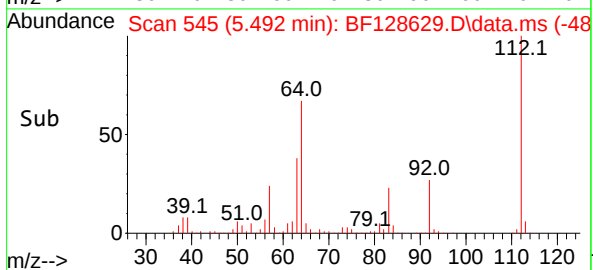
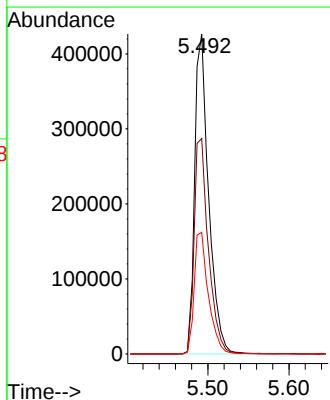
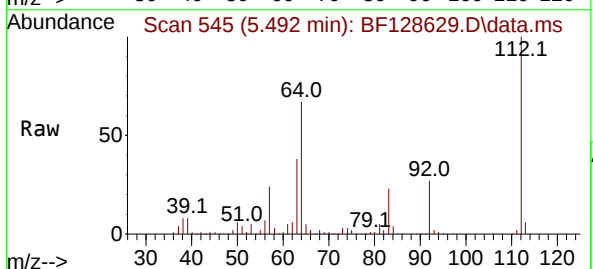
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

Tgt Ion:152 Resp: 90225  
Ion Ratio Lower Upper  
152 100  
150 157.8 123.7 185.5  
115 63.5 49.9 74.9



#5  
2-Fluorophenol  
Concen: 93.847 ng  
RT: 5.492 min Scan# 545  
Delta R.T. 0.041 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Tgt Ion:112 Resp: 511187  
Ion Ratio Lower Upper  
112 100  
64 67.3 53.3 79.9  
63 38.0 28.0 42.0

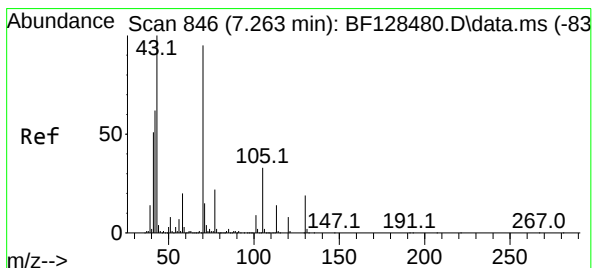
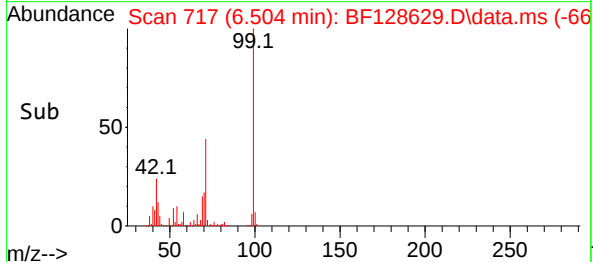
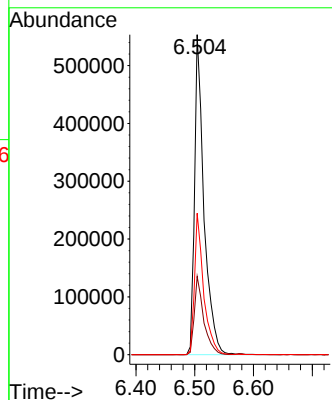
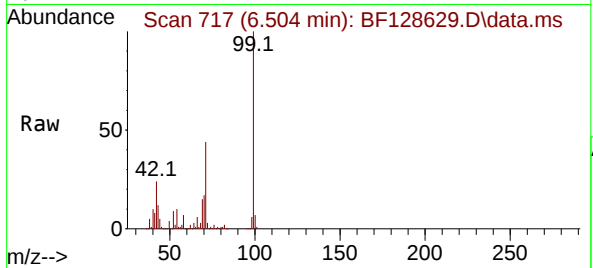




#7  
Phenol-d6  
Concen: 89.086 ng  
RT: 6.504 min Scan# 711  
Delta R.T. 0.035 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

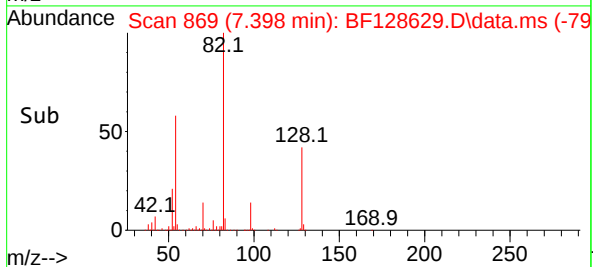
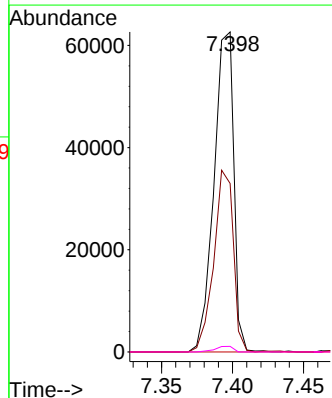
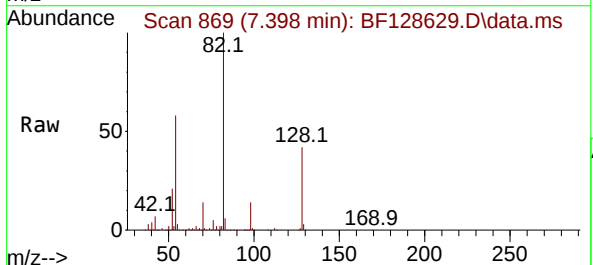
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

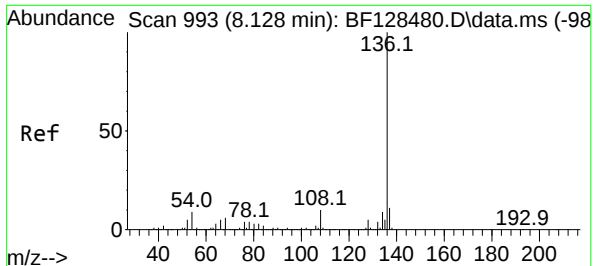
Tgt Ion: 99 Resp: 618713  
Ion Ratio Lower Upper  
99 100  
42 24.4 17.3 25.9  
71 44.2 28.9 43.3#



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.245 ng  
RT: 7.398 min Scan# 869  
Delta R.T. 0.135 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Tgt Ion: 70 Resp: 60661  
Ion Ratio Lower Upper  
70 100  
42 52.7 52.3 78.5  
101 0.0 7.5 11.3#  
130 1.8 16.1 24.1#

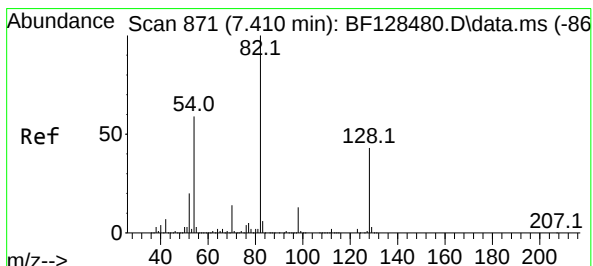
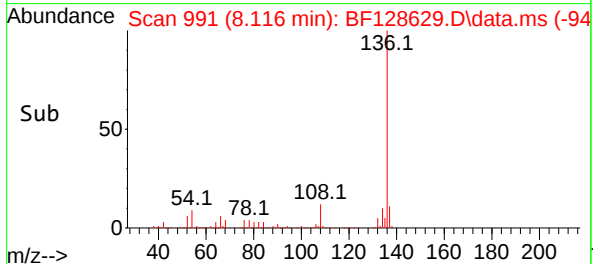
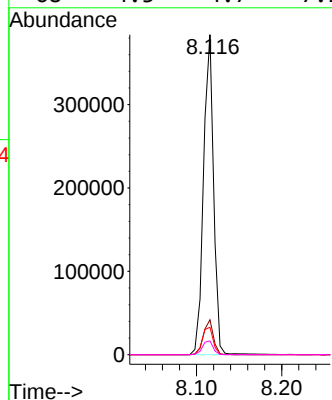
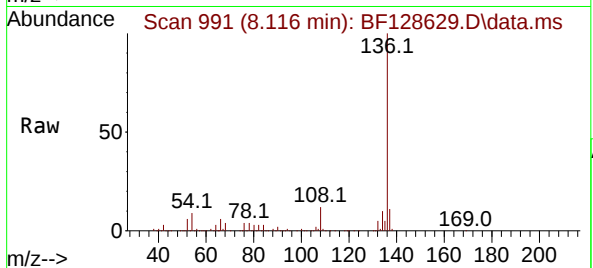




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

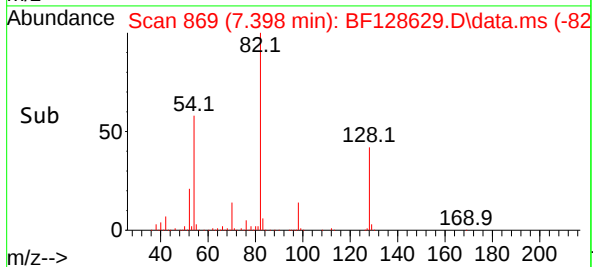
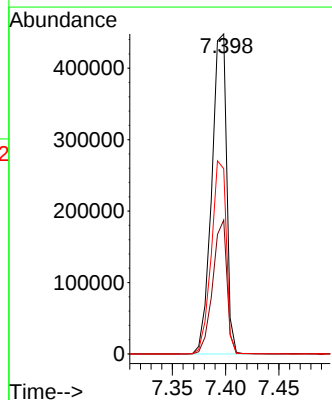
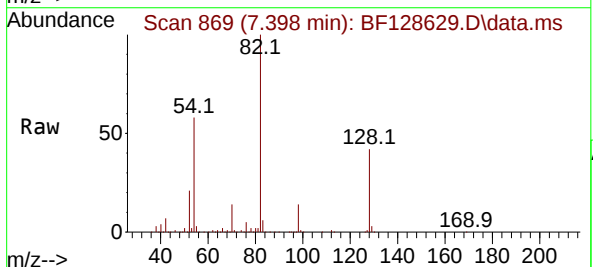
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

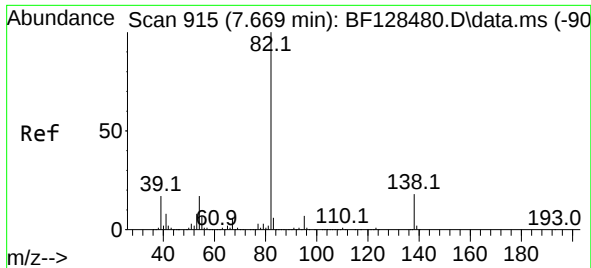
Tgt Ion:136 Resp: 315640  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 8.6 7.5 11.3  
68 4.3 4.7 7.1#



#23  
Nitrobenzene-d5  
Concen: 79.736 ng  
RT: 7.398 min Scan# 869  
Delta R.T. -0.012 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Tgt Ion: 82 Resp: 436276  
Ion Ratio Lower Upper  
82 100  
128 41.8 34.0 51.0  
54 57.9 46.9 70.3

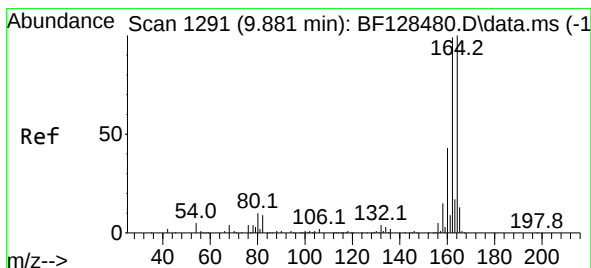
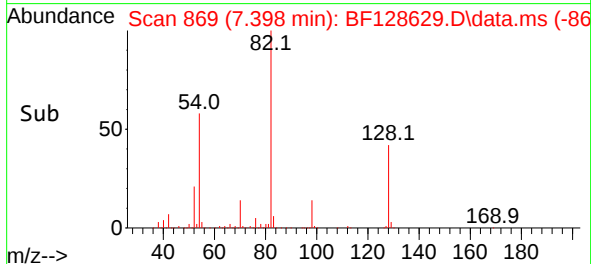
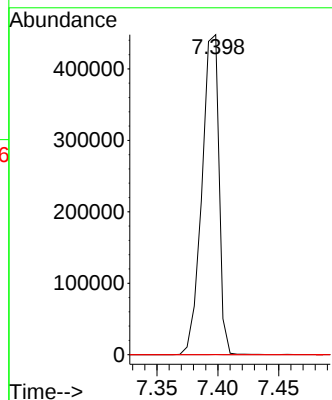
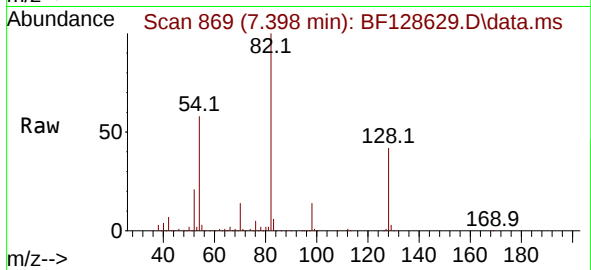




#25  
Isophorone  
Concen: 43.091 ng  
RT: 7.398 min Scan# 80  
Delta R.T. -0.271 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

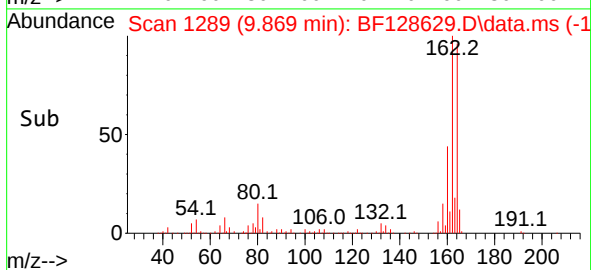
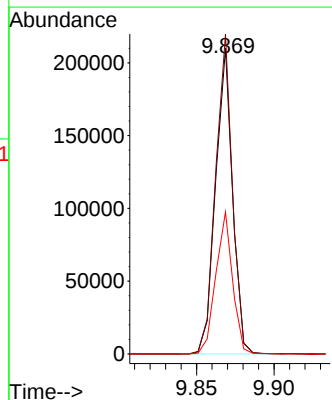
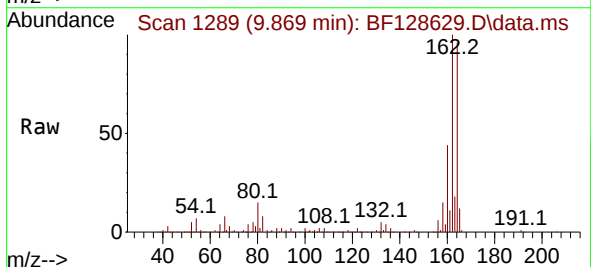
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

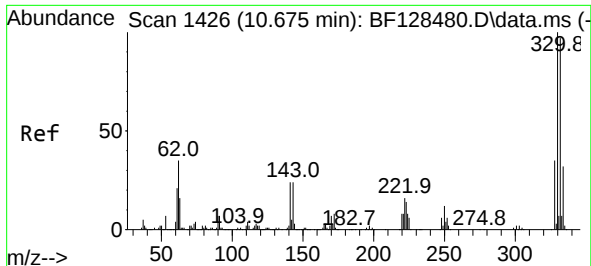
Tgt Ion: 82 Resp: 434935  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. -0.012 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Tgt Ion:164 Resp: 159690  
Ion Ratio Lower Upper  
164 100  
162 104.7 79.5 119.3  
160 46.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 92.428 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128629.D

Acq: 01 Jun 2022 18:24

Instrument :

BNA\_F

ClientSampleId :

P043-SS001-2430-01

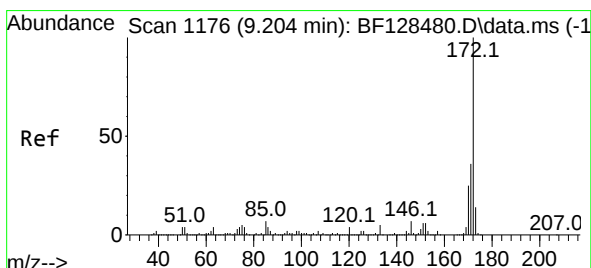
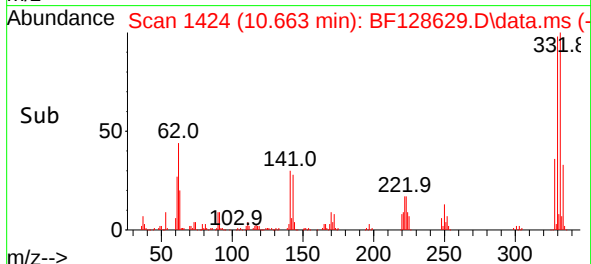
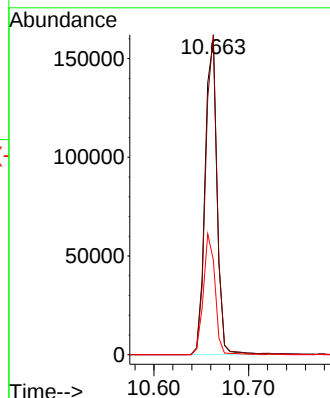
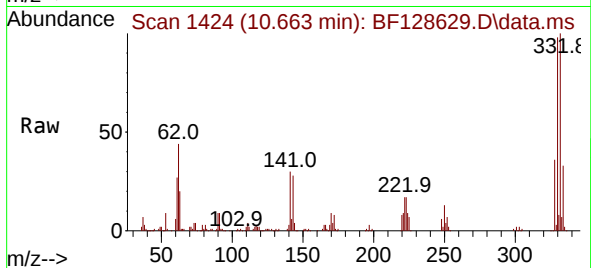
Tgt Ion:330 Resp: 140489

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 37.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.117 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.012 min

Lab File: BF128629.D

Acq: 01 Jun 2022 18:24

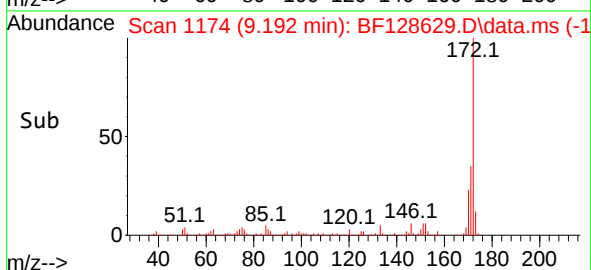
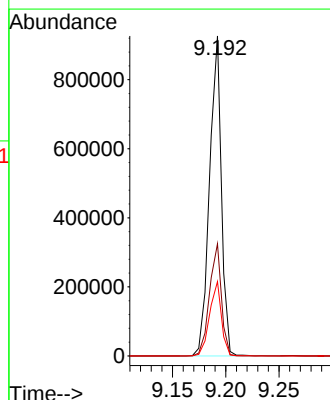
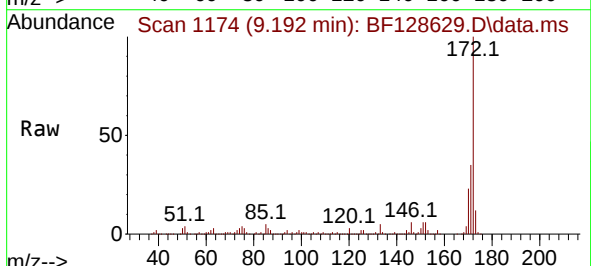
Tgt Ion:172 Resp: 718681

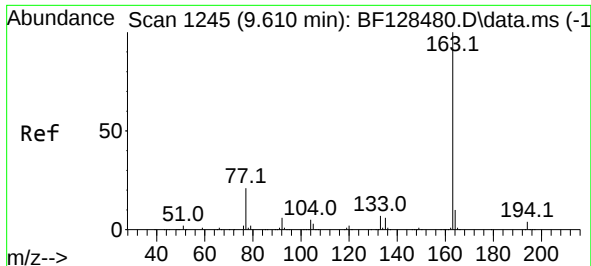
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.2 19.8 29.8

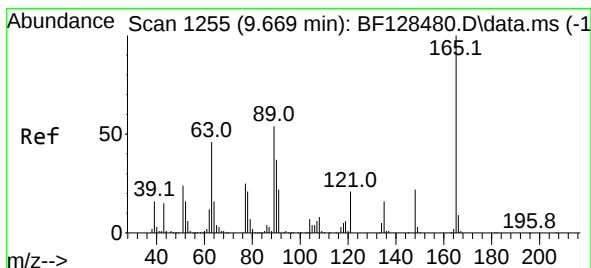
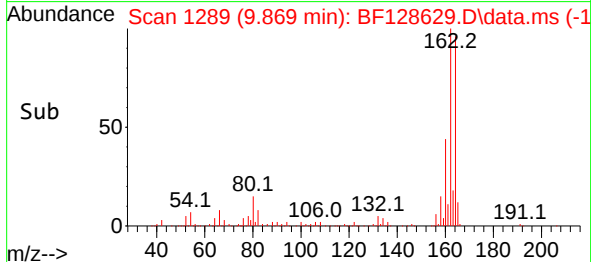
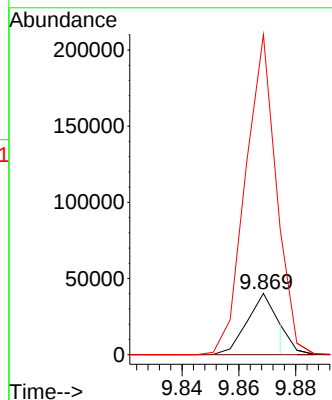
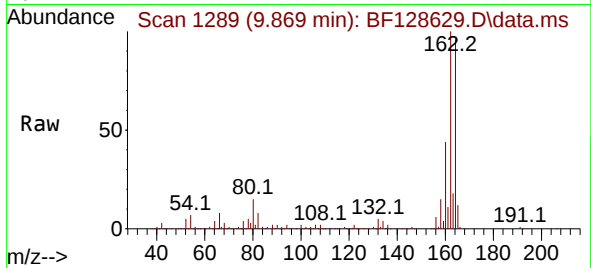




#50  
Dimethylphthalate  
Concen: 2.901 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. 0.259 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

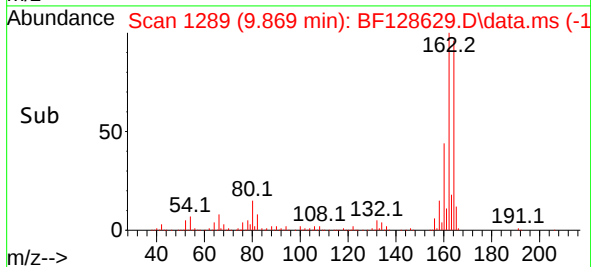
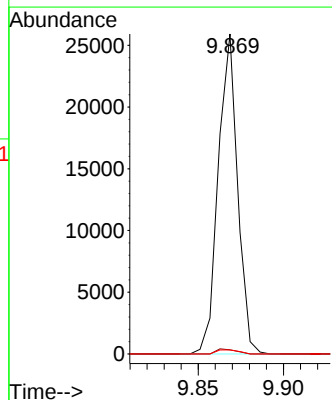
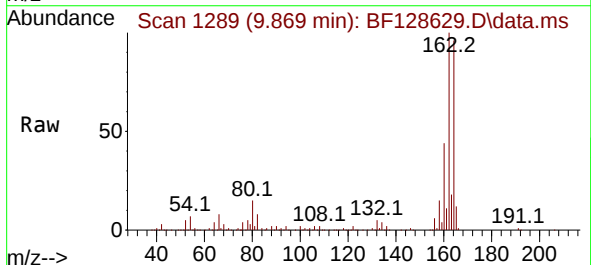
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

Tgt Ion:163 Resp: 30049  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.2 4.8#  
164 522.7 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 10.794 ng  
RT: 9.869 min Scan# 1289  
Delta R.T. 0.200 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Tgt Ion:165 Resp: 20491  
Ion Ratio Lower Upper  
165 100  
63 1.3 44.9 67.3#  
89 1.2 43.6 65.4#

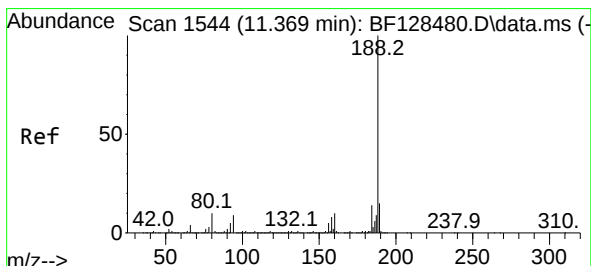
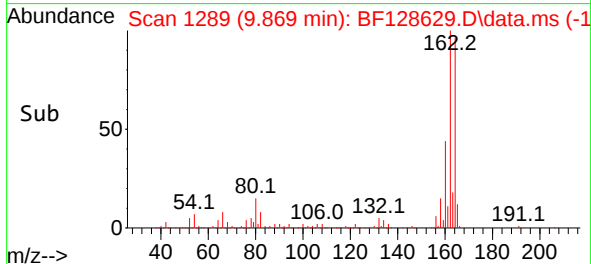
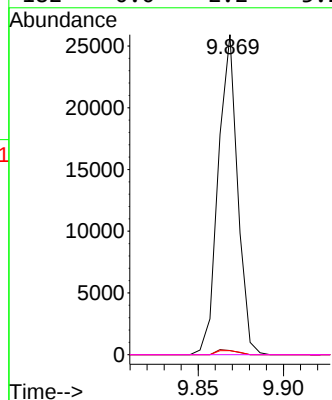
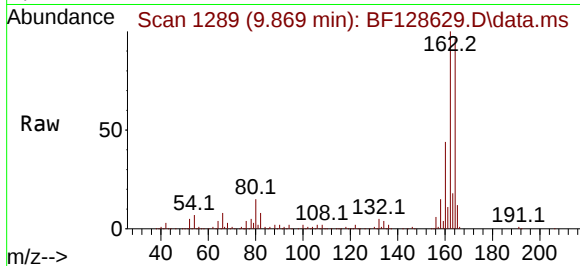




#57  
2,4-Dinitrotoluene  
Concen: 9.022 ng  
RT: 9.869 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

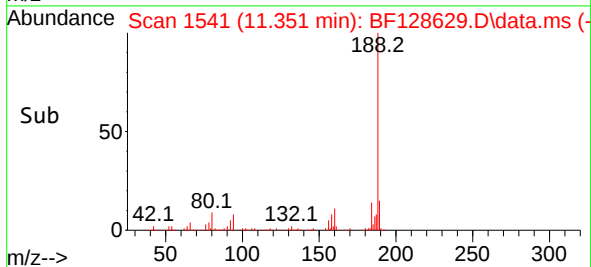
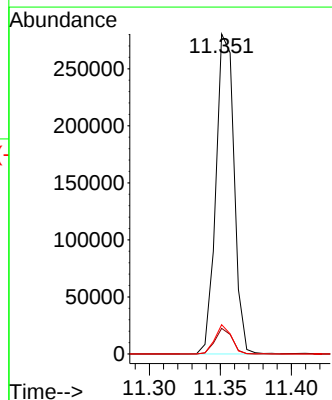
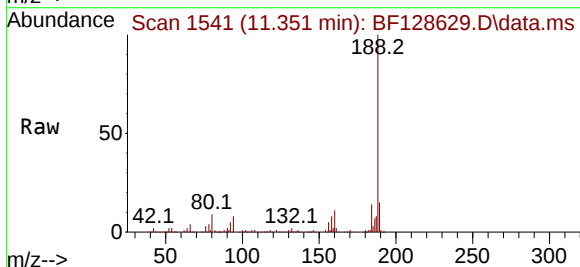
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

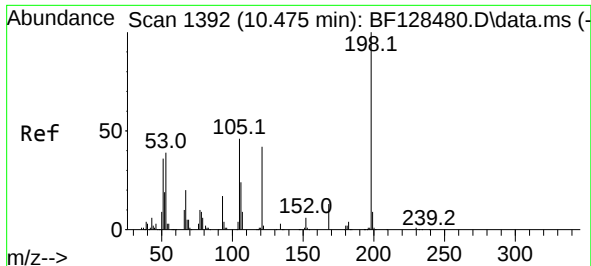
Tgt Ion:165 Resp: 20491  
Ion Ratio Lower Upper  
165 100  
63 1.3 39.8 59.6#  
89 1.2 60.2 90.2#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.351 min Scan# 1541  
Delta R.T. -0.018 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Tgt Ion:188 Resp: 249104  
Ion Ratio Lower Upper  
188 100  
94 8.0 7.0 10.6  
80 9.2 7.6 11.4

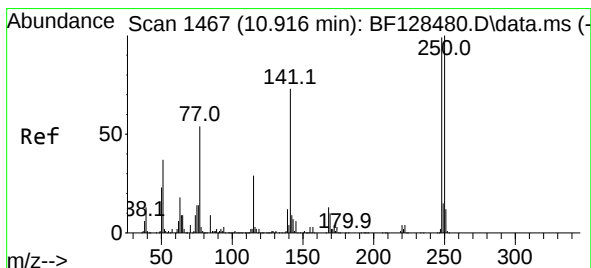
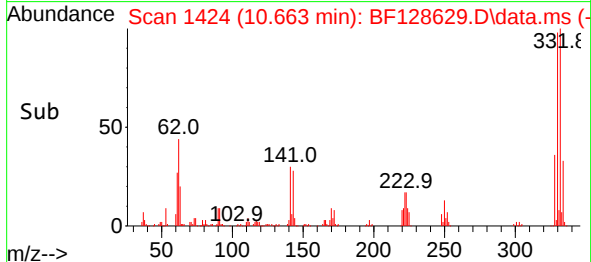
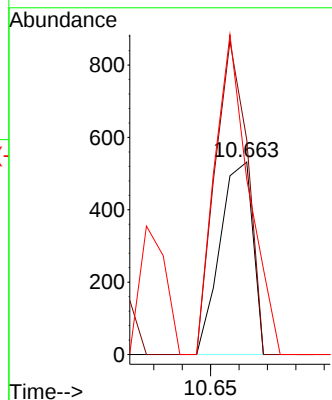
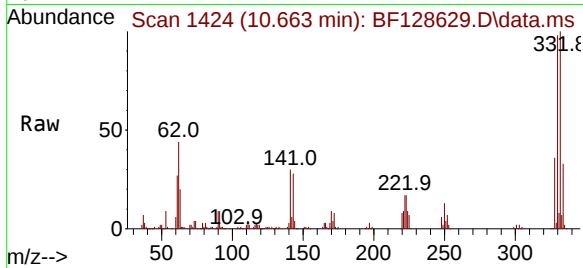




#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.830 ng  
RT: 10.663 min Scan# 1424  
Delta R.T. 0.188 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

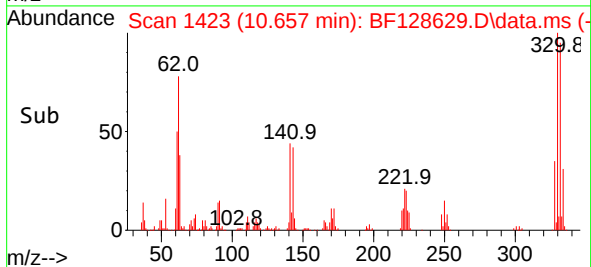
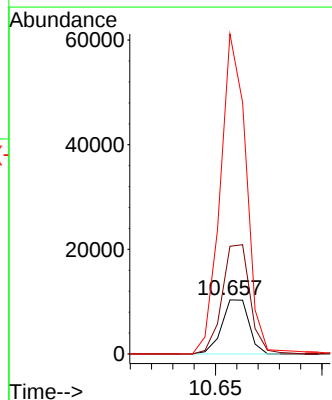
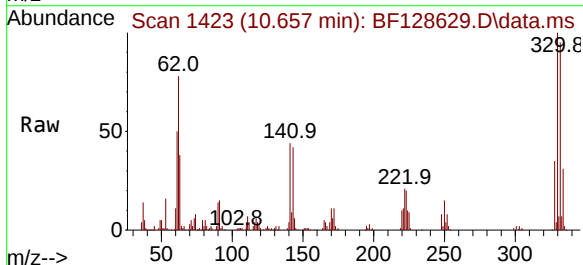
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

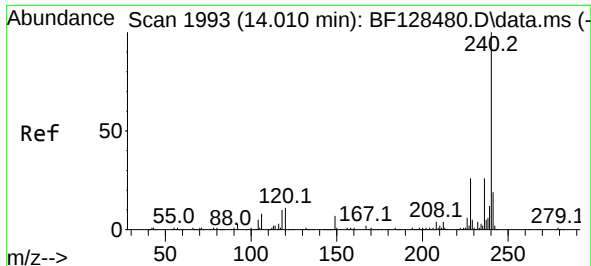
Tgt Ion:198 Resp: 427  
Ion Ratio Lower Upper  
198 100  
51 111.7 37.6 77.6#  
105 91.0 27.0 67.0#



#67  
4-Bromophenyl-phenylether  
Concen: 3.553 ng  
RT: 10.657 min Scan# 1423  
Delta R.T. -0.259 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Tgt Ion:248 Resp: 9145  
Ion Ratio Lower Upper  
248 100  
250 199.4 80.6 120.8#  
141 592.3 58.9 88.3#

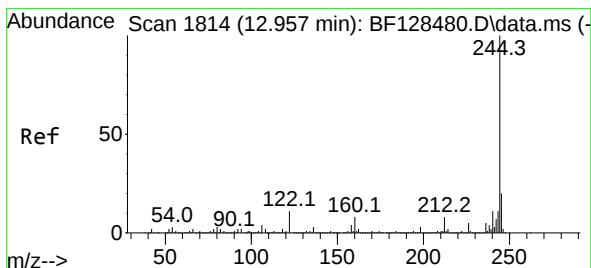
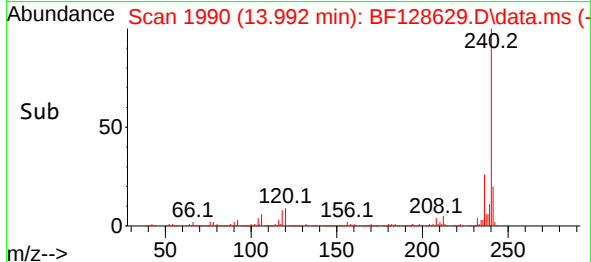
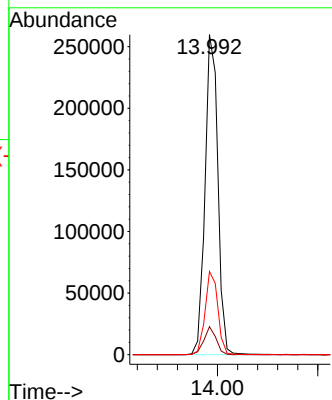
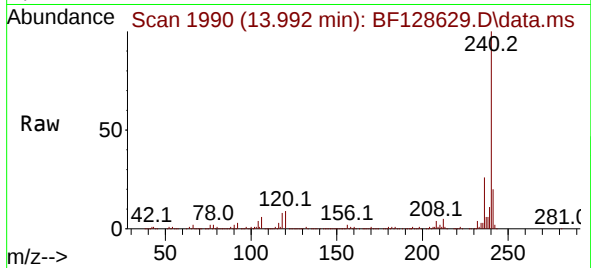




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 1993  
Delta R.T. -0.018 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

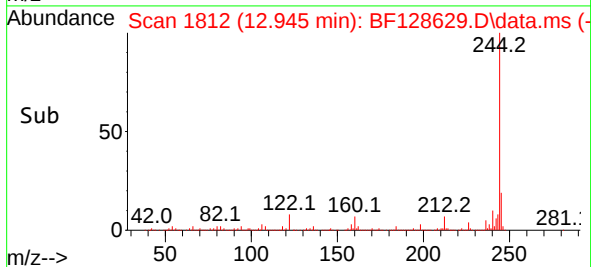
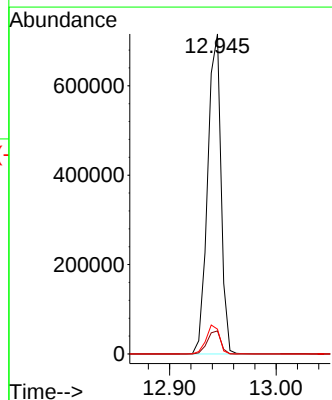
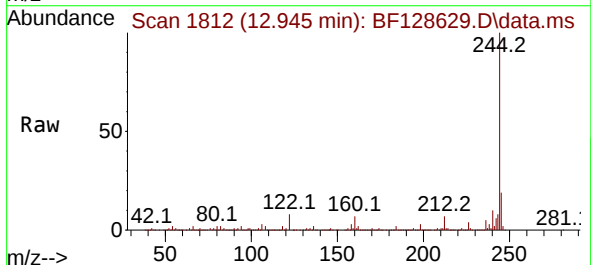
Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01

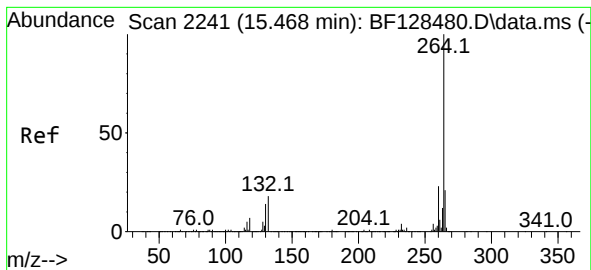
Tgt Ion:240 Resp: 231895  
Ion Ratio Lower Upper  
240 100  
120 8.7 8.9 13.3#  
236 26.0 20.8 31.2



#79  
Terphenyl-d14  
Concen: 52.124 ng  
RT: 12.945 min Scan# 1812  
Delta R.T. -0.012 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

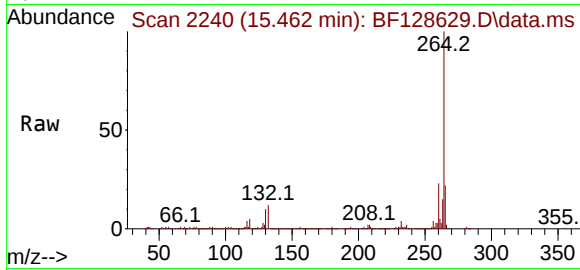
Tgt Ion:244 Resp: 625651  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.1 9.1  
122 7.8 8.8 13.2#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.462 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BF128629.D  
Acq: 01 Jun 2022 18:24

Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-2430-01



Tgt Ion:264 Resp: 238793  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.4  | 27.6  |
| 265 | 22.0  | 17.2  | 25.8  |

