

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092822\  
 Data File : BF130449.D  
 Acq On : 28 Sep 2022 15:39  
 Operator : CG\JU  
 Sample : N4815-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAND-FILTER-1

Quant Time: Sep 29 02:14:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

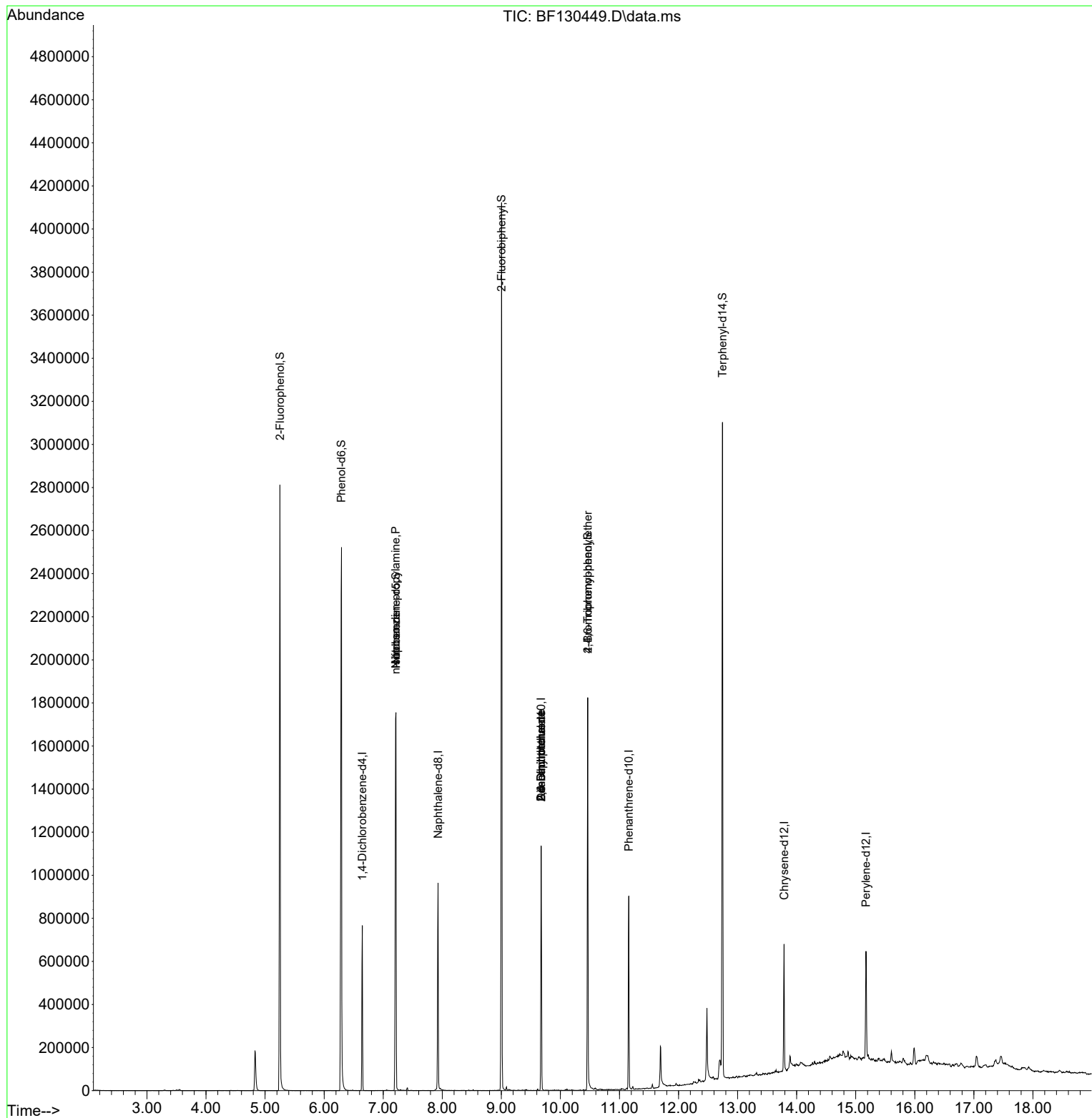
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.645  | 152  | 106498   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.928  | 136  | 407447   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.675  | 164  | 203576   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.157 | 188  | 306899   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.786 | 240  | 175137   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.174 | 264  | 212248   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.251  | 112  | 802671   | 130.726 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.293  | 99   | 1007832  | 131.182 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.216  | 82   | 642178   | 80.521  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.463 | 330  | 205989   | 105.600 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.004  | 172  | 1234842  | 88.329  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.745 | 244  | 969133   | 91.663  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 86888    | 16.760  | ng    | # 72     |
| 25) Isophorone                | 7.216  | 82   | 638909   | 49.704  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.675  | 163  | 38082    | 2.708   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.675  | 165  | 26786    | 9.108   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 9.675  | 165  | 26786    | 7.127   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.463 | 248  | 12920    | 3.816   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

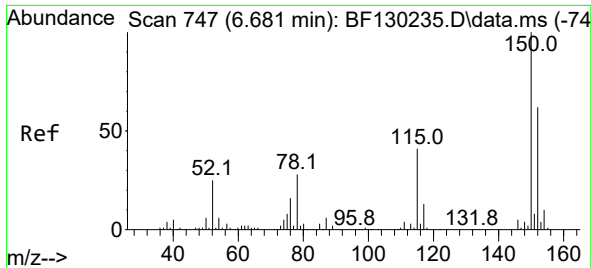
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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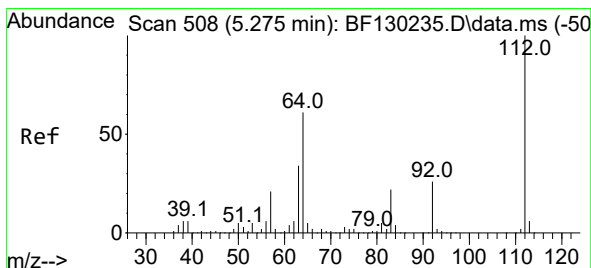
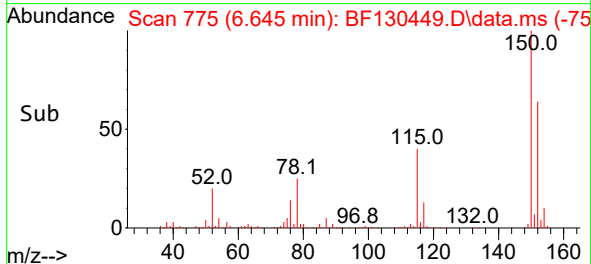
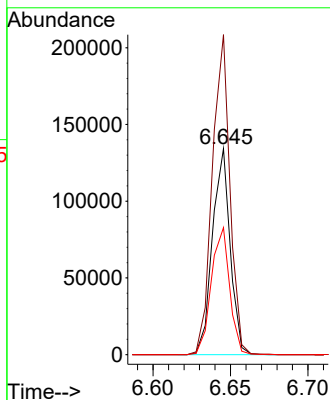
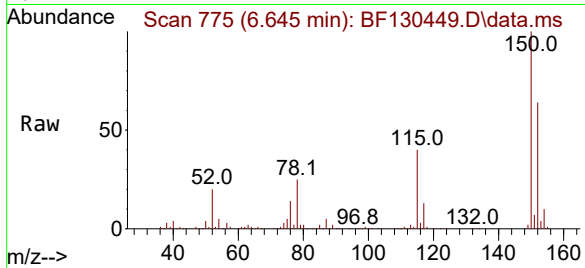




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.645 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF130449.D  
 Acq: 28 Sep 2022 15:39

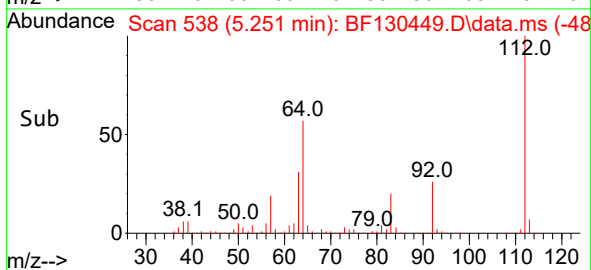
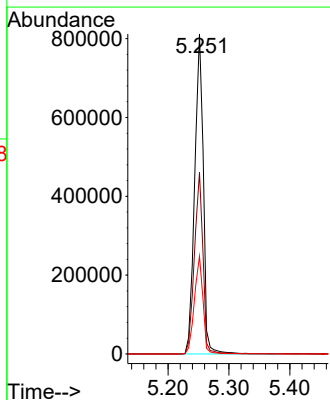
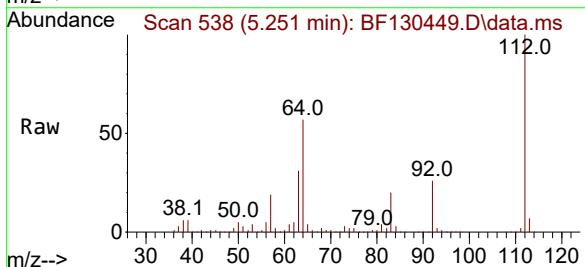
Instrument :  
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 ClientSampleId :  
 SAND-FILTER-1

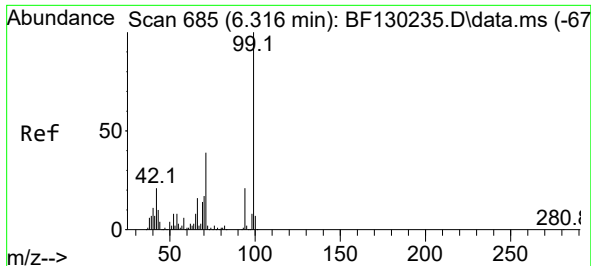
Tgt Ion:152 Resp: 106498  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 122.8 184.2  
 115 61.7 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 130.726 ng  
 RT: 5.251 min Scan# 538  
 Delta R.T. 0.006 min  
 Lab File: BF130449.D  
 Acq: 28 Sep 2022 15:39

Tgt Ion:112 Resp: 802671  
 Ion Ratio Lower Upper  
 112 100  
 64 56.8 51.4 77.0  
 63 30.5 28.8 43.2

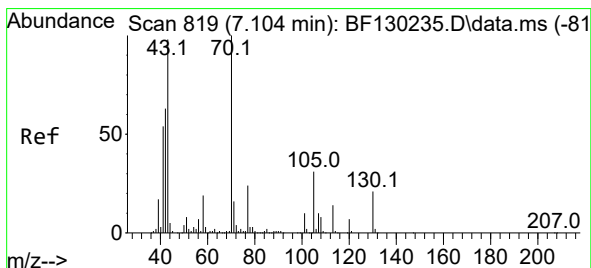
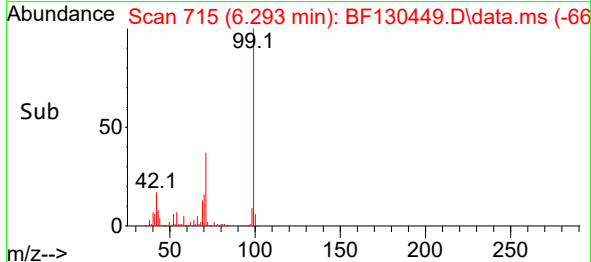
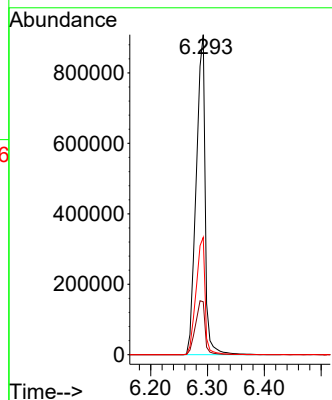
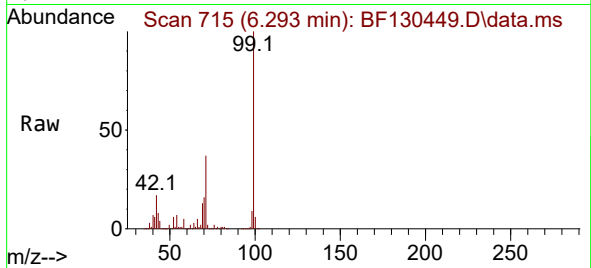




#7  
Phenol-d6  
Concen: 131.182 ng  
RT: 6.293 min Scan# 715  
Delta R.T. 0.000 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

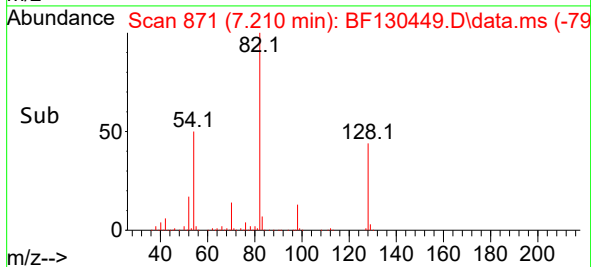
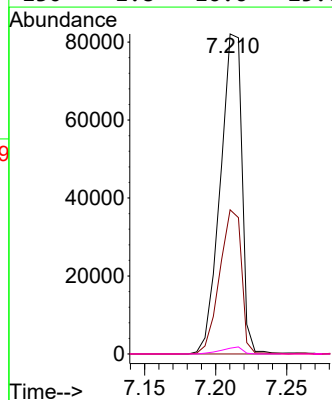
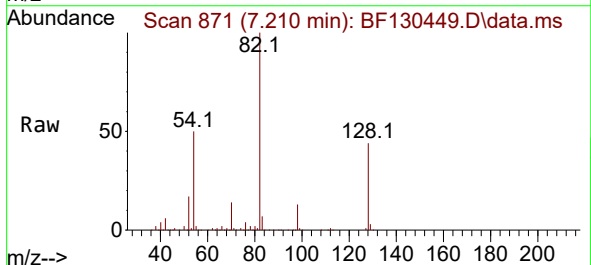
Instrument :  
BNA\_F  
ClientSampleId :  
SAND-FILTER-1

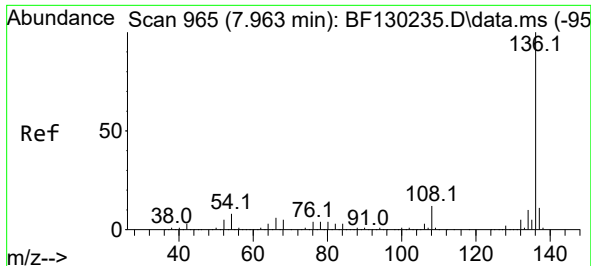
Tgt Ion: 99 Resp: 1007832  
Ion Ratio Lower Upper  
99 100  
42 16.5 17.0 25.6#  
71 36.7 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.760 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.141 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

Tgt Ion: 70 Resp: 86888  
Ion Ratio Lower Upper  
70 100  
42 45.1 50.8 76.2#  
101 0.0 8.2 12.4#  
130 1.8 16.6 25.0#

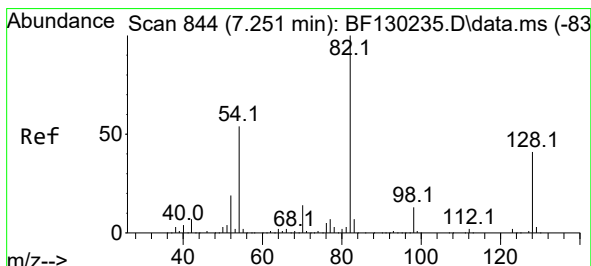
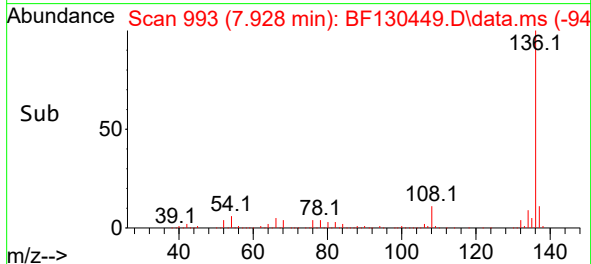
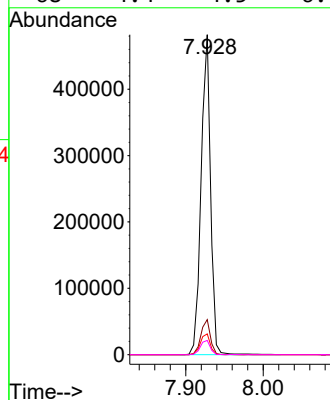
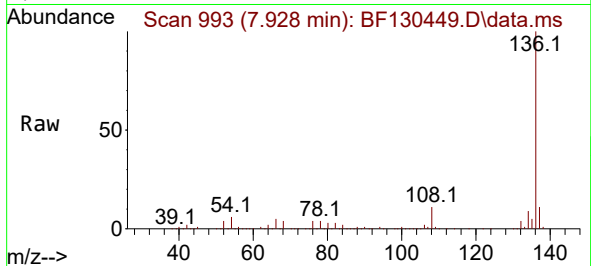




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.928 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

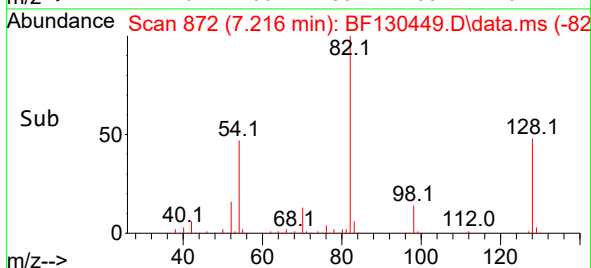
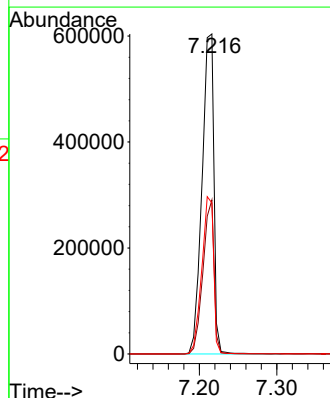
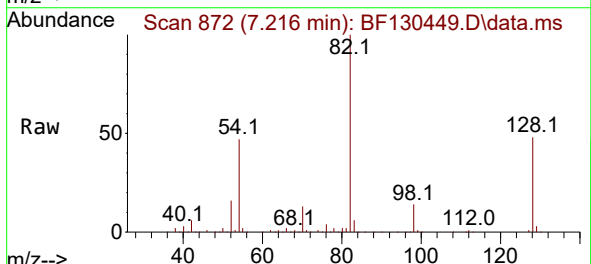
Instrument :  
BNA\_F  
ClientSampleId :  
SAND-FILTER-1

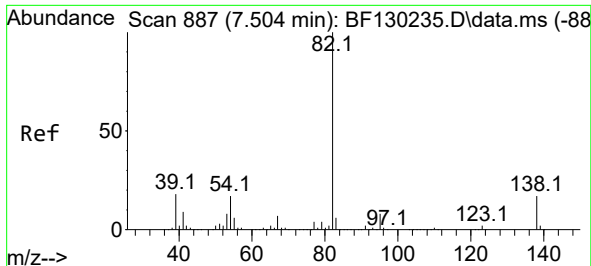
Tgt Ion:136 Resp: 407447  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.1 13.7  
54 6.5 7.1 10.7#  
68 4.4 4.5 6.7#



#23  
Nitrobenzene-d5  
Concen: 80.521 ng  
RT: 7.216 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

Tgt Ion: 82 Resp: 642178  
Ion Ratio Lower Upper  
82 100  
128 48.1 32.6 49.0  
54 47.2 43.8 65.6

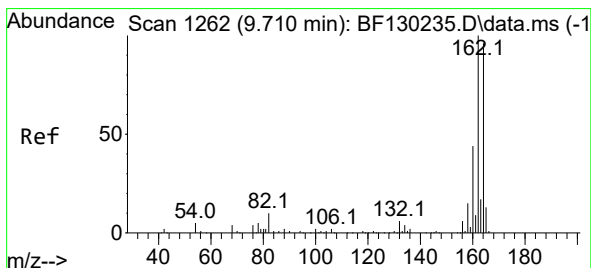
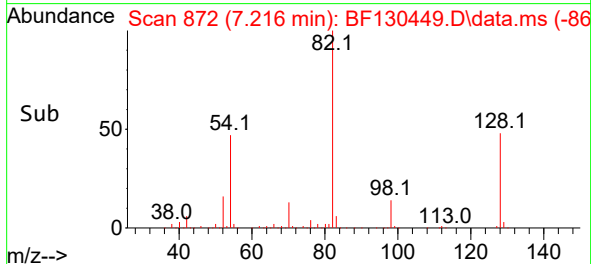
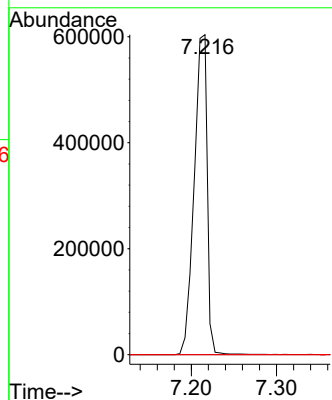
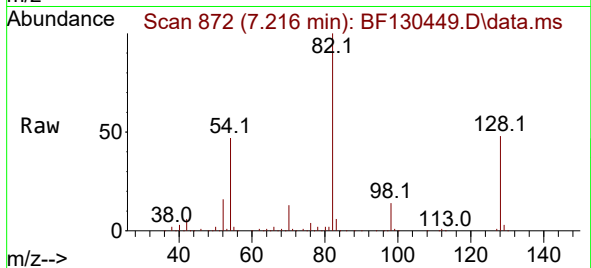




#25  
Isophorone  
Concen: 49.704 ng  
RT: 7.216 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

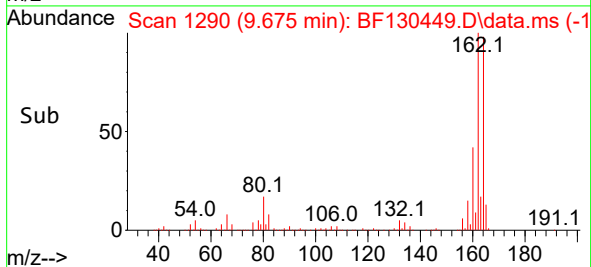
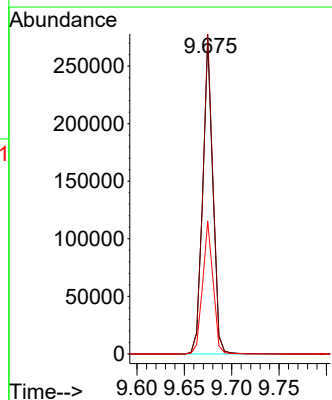
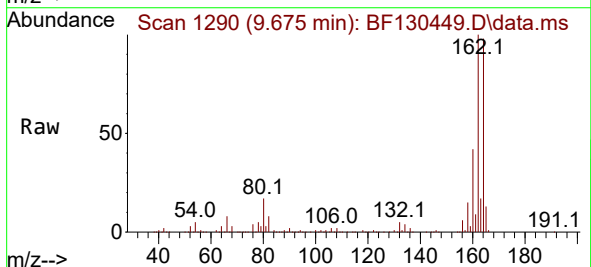
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BNA\_F  
ClientSampleId :  
SAND-FILTER-1

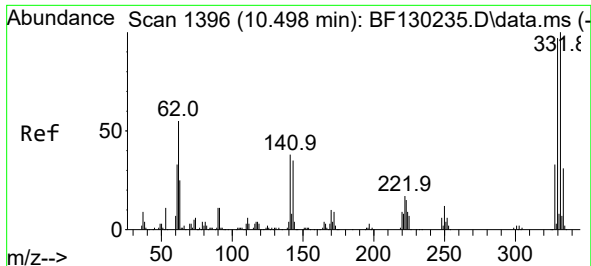
Tgt Ion: 82 Resp: 638909  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.675 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

Tgt Ion: 164 Resp: 203576  
Ion Ratio Lower Upper  
164 100  
162 101.9 81.4 122.0  
160 42.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 105.600 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130449.D

Acq: 28 Sep 2022 15:39

Instrument :

BNA\_F

ClientSampleId :

SAND-FILTER-1

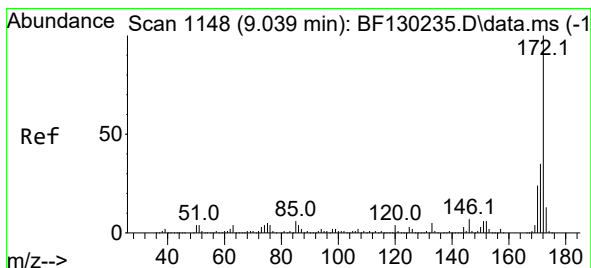
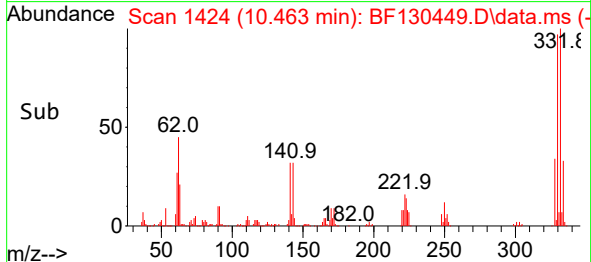
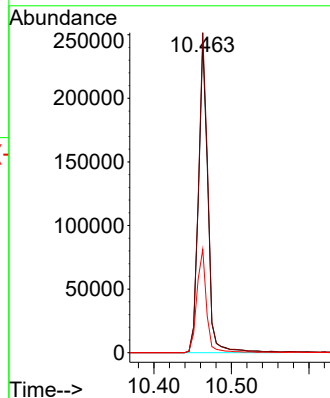
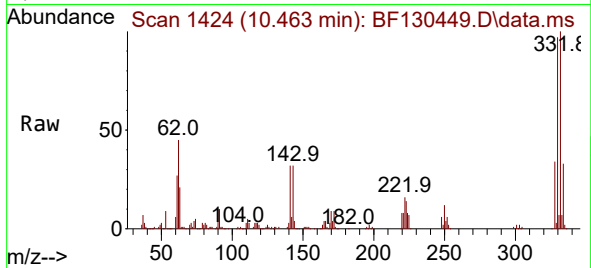
Tgt Ion:330 Resp: 205989

Ion Ratio Lower Upper

330 100

332 103.1 83.4 125.2

141 34.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 88.329 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130449.D

Acq: 28 Sep 2022 15:39

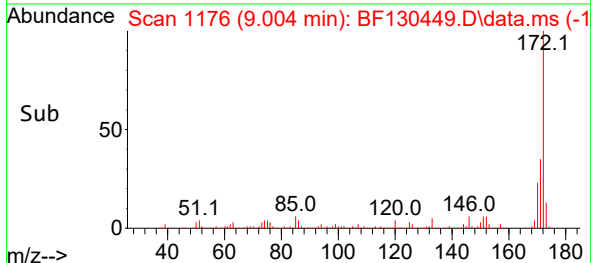
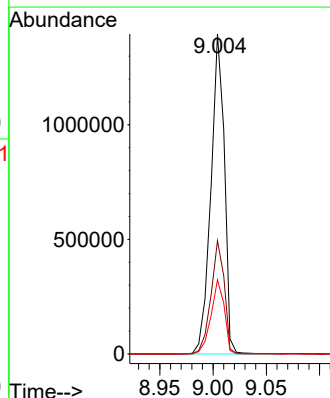
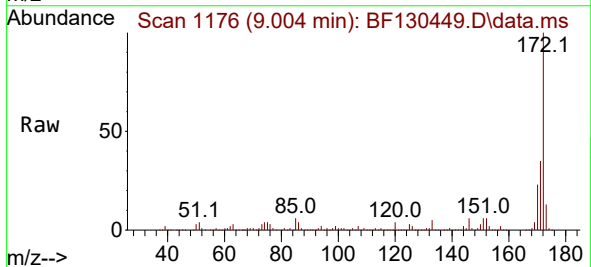
Tgt Ion:172 Resp: 1234842

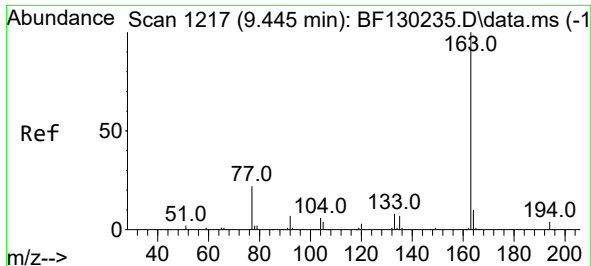
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 18.7 28.1

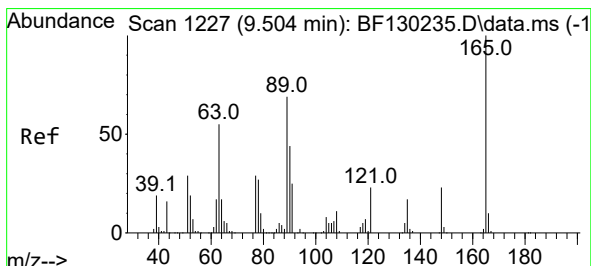
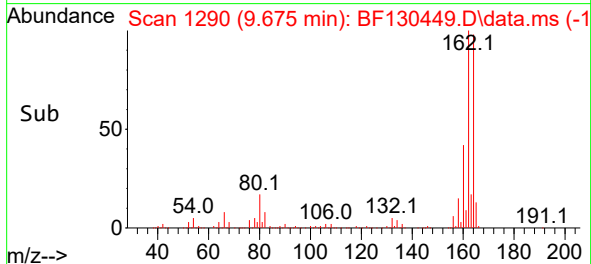
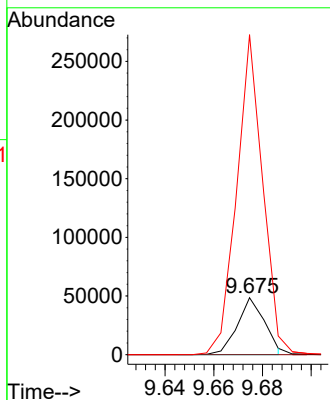
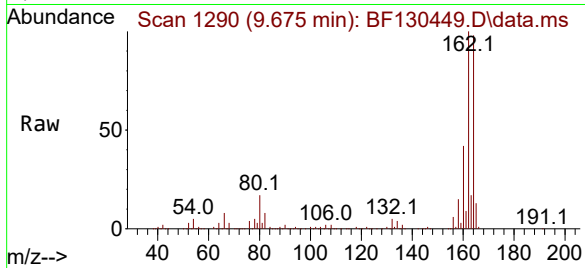




#50  
Dimethylphthalate  
Concen: 2.708 ng  
RT: 9.675 min Scan# 1290  
Delta R.T. 0.259 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

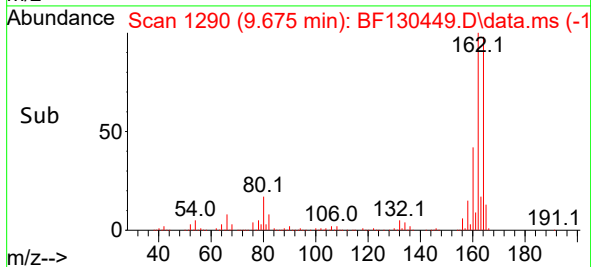
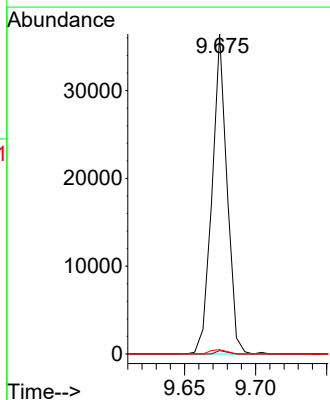
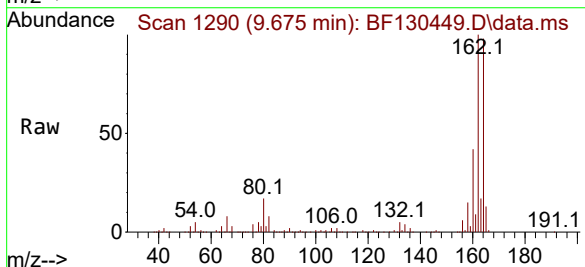
Instrument :  
BNA\_F  
ClientSampleId :  
SAND-FILTER-1

Tgt Ion:163 Resp: 38082  
Ion Ratio Lower Upper  
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194 0.0 2.8 4.2#  
164 561.1 8.2 12.2#

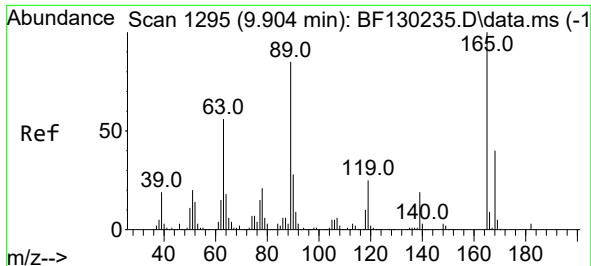


#51  
2,6-Dinitrotoluene  
Concen: 9.108 ng  
RT: 9.675 min Scan# 1290  
Delta R.T. 0.200 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

Tgt Ion:165 Resp: 26786  
Ion Ratio Lower Upper  
165 100  
63 1.0 58.8 88.2#  
89 1.4 54.5 81.7#



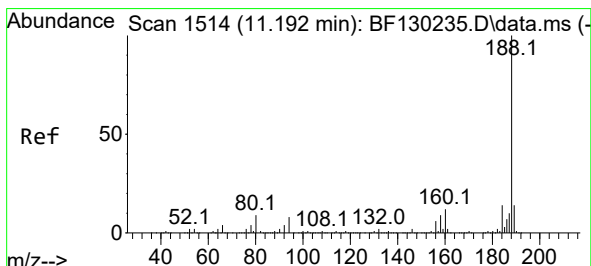
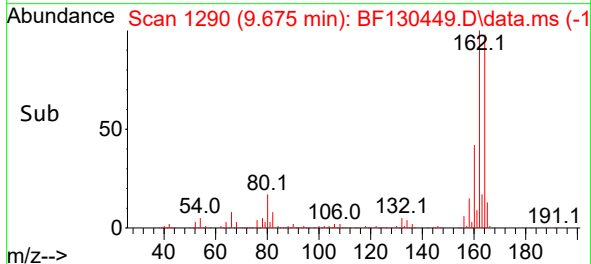
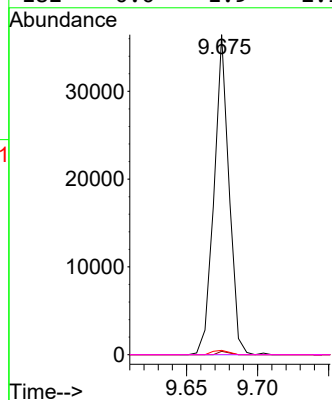
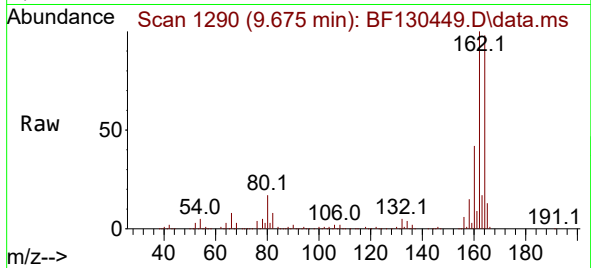




#57  
2,4-Dinitrotoluene  
Concen: 7.127 ng  
RT: 9.675 min Scan# 1190  
Delta R.T. -0.200 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

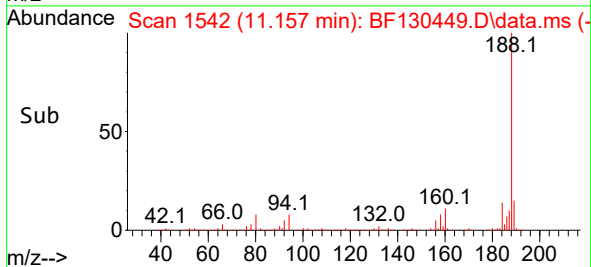
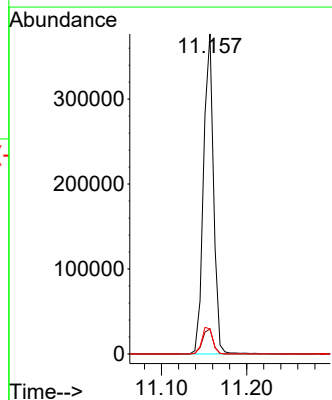
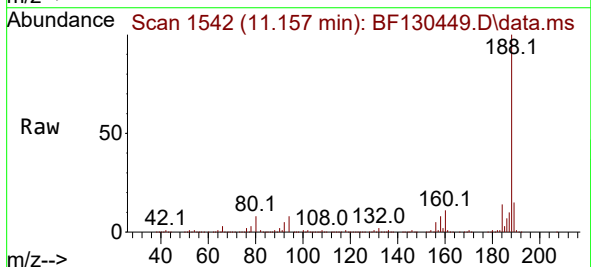
Instrument :  
BNA\_F  
ClientSampleId :  
SAND-FILTER-1

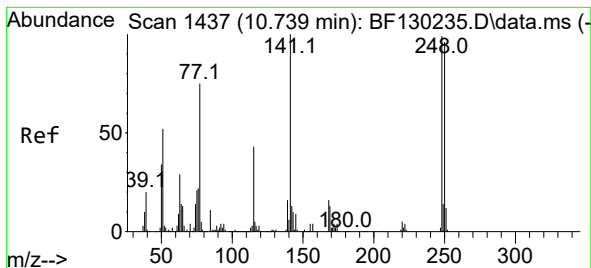
Tgt Ion:165 Resp: 26786  
Ion Ratio Lower Upper  
165 100  
63 1.0 44.7 67.1#  
89 1.4 69.0 103.4#  
182 0.0 1.9 2.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.157 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

Tgt Ion:188 Resp: 306899  
Ion Ratio Lower Upper  
188 100  
94 7.8 7.4 11.2  
80 7.9 7.9 11.9#

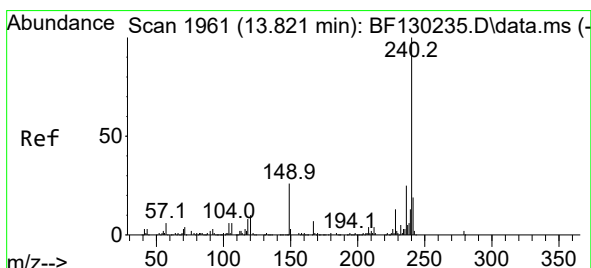
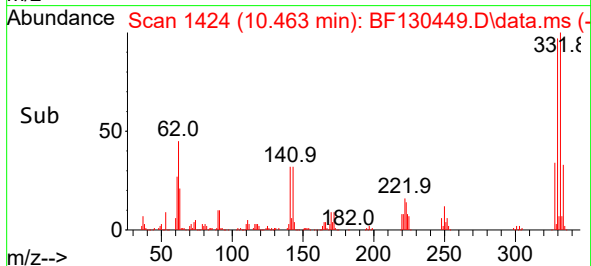
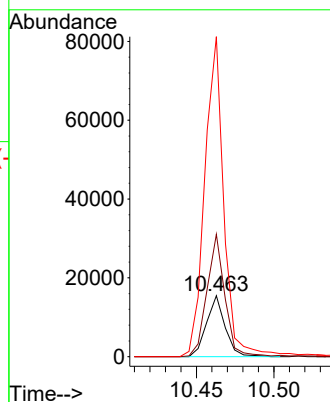
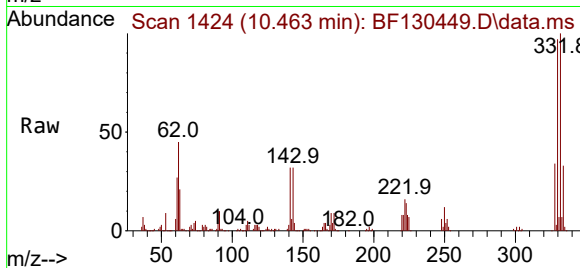




#67  
4-Bromophenyl-phenylether  
Concen: 3.816 ng  
RT: 10.463 min Scan# 1437  
Delta R.T. -0.247 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

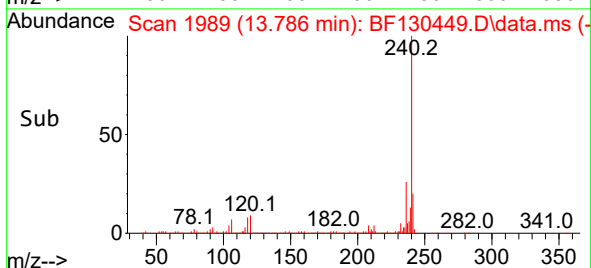
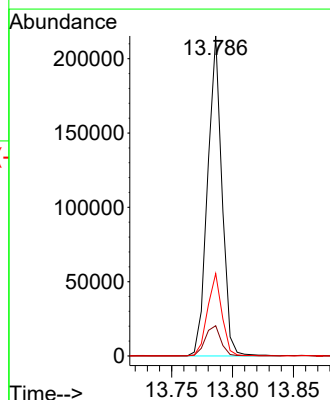
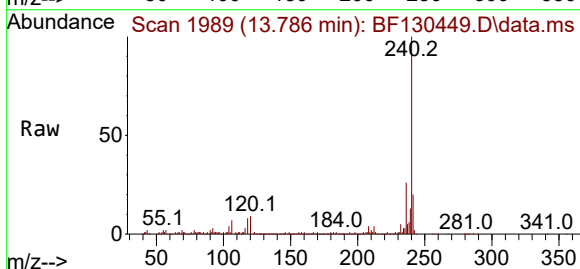
Instrument :  
BNA\_F  
ClientSampleId :  
SAND-FILTER-1

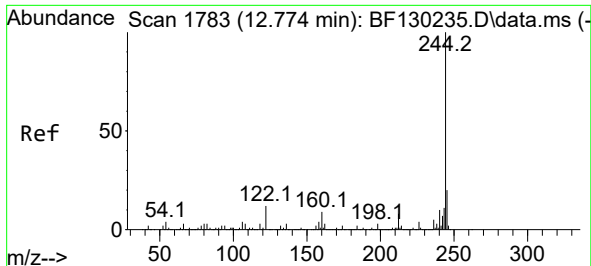
Tgt Ion:248 Resp: 12920  
Ion Ratio Lower Upper  
248 100  
250 200.8 80.0 120.0#  
141 524.8 68.5 102.7#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.786 min Scan# 1989  
Delta R.T. -0.006 min  
Lab File: BF130449.D  
Acq: 28 Sep 2022 15:39

Tgt Ion:240 Resp: 175137  
Ion Ratio Lower Upper  
240 100  
120 9.4 8.7 13.1  
236 25.8 20.9 31.3

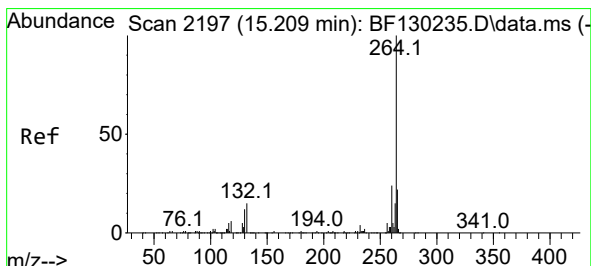
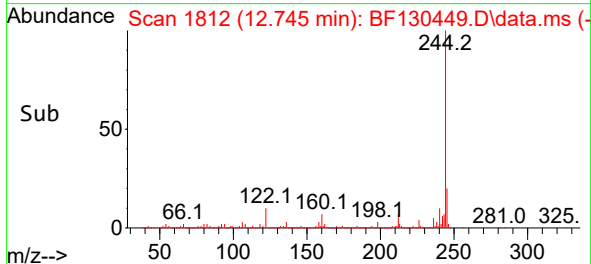
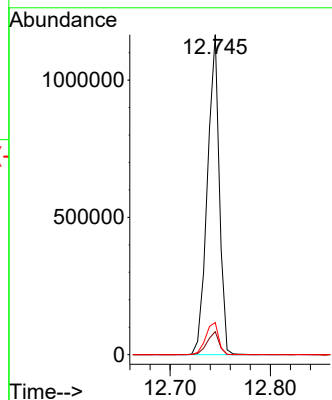
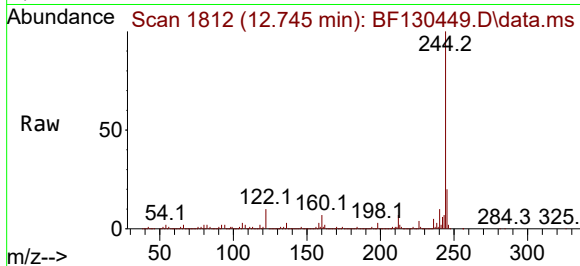




#79  
 Terphenyl-d14  
 Concen: 91.663 ng  
 RT: 12.745 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF130449.D  
 Acq: 28 Sep 2022 15:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SAND-FILTER-1

Tgt Ion:244 Resp: 969133  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 10.0 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.174 min Scan# 2225  
 Delta R.T. 0.000 min  
 Lab File: BF130449.D  
 Acq: 28 Sep 2022 15:39

Tgt Ion:264 Resp: 212248  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.3 28.9  
 265 22.1 17.0 25.4

