

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121820\  
 Data File : BF122793.D  
 Acq On : 18 Dec 2020 19:11  
 Operator : JU/CG  
 Sample : L5125-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DETENTION-LINE-2

Quant Time: Dec 18 23:34:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

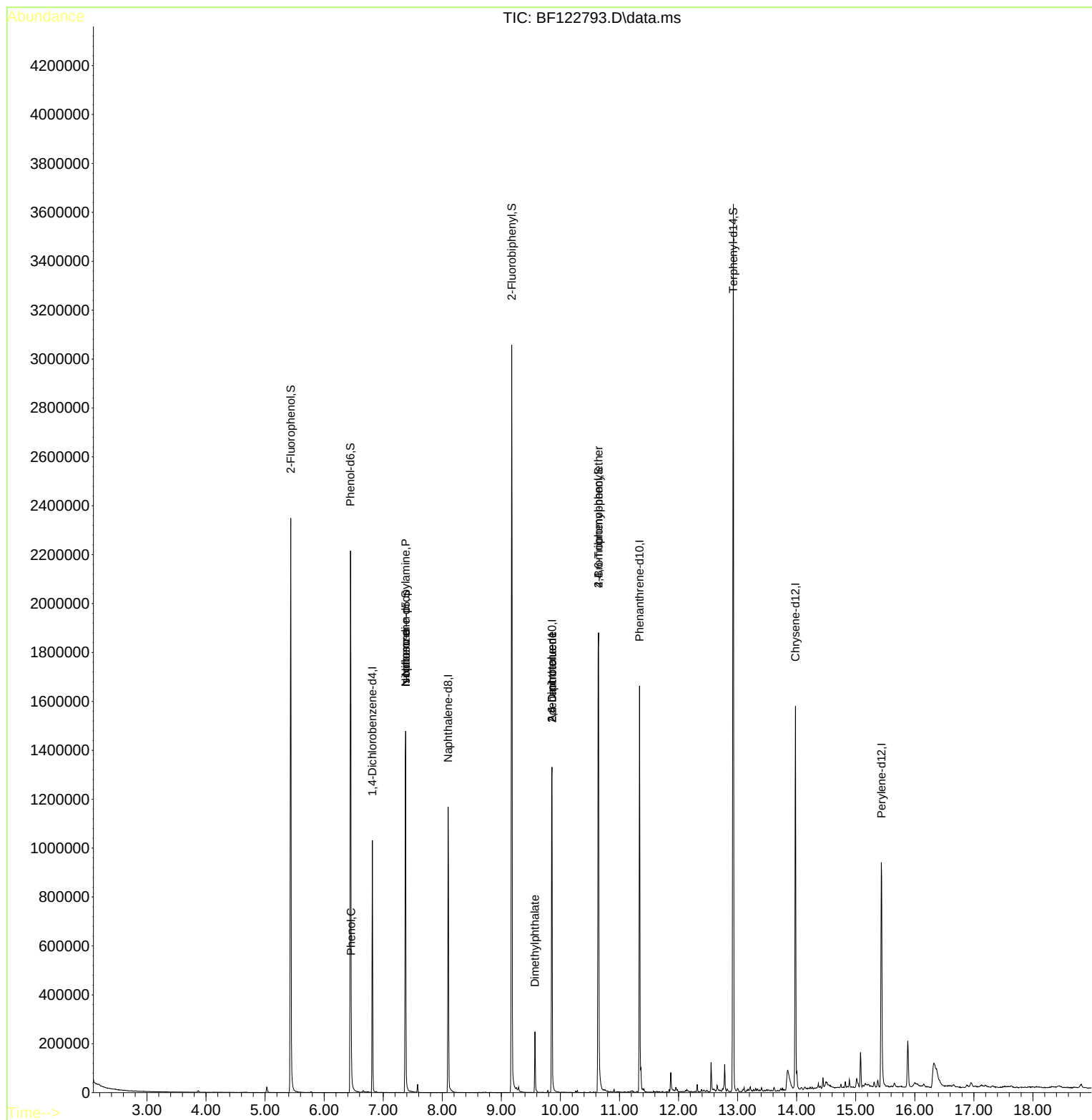
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 144259   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8            | 8.098  | 136  | 552165   | 20.00 | ng    | -0.01     |
| 39) Acenaphthene-d10          | 9.857  | 164  | 300399   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 11.339 | 188  | 580370   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12              | 13.980 | 240  | 532148   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12              | 15.433 | 264  | 467924   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 5) 2-Fluorophenol             | 5.434  | 112  | 679331   | 74.55 | ng    | 0.00      |
| 7) Phenol-d6                  | 6.446  | 99   | 843477   | 69.80 | ng    | -0.01     |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 510660   | 46.34 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol      | 10.645 | 330  | 303102   | 77.08 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 9.175  | 172  | 1017747  | 45.83 | ng    | -0.01     |
| 79) Terphenyl-d14             | 12.927 | 244  | 1187711  | 39.07 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 10) Phenol                    | 6.457  | 94   | 35337    | 2.82  | ng    | Qvalue 93 |
| 19) n-Nitroso-di-n-propyla... | 7.381  | 70   | 67430    | 9.74  | ng    | # 75      |
| 25) Isophorone                | 7.381  | 82   | 510655   | 26.90 | ng    | # 65      |
| 50) Dimethylphthalate         | 9.569  | 163  | 102449   | 4.27  | ng    | 100       |
| 51) 2,6-Dinitrotoluene        | 9.857  | 165  | 38956    | 7.69  | ng    | # 31      |
| 57) 2,4-Dinitrotoluene        | 9.857  | 165  | 38957    | 5.77  | ng    | # 25      |
| 67) 4-Bromophenyl-phenylether | 10.645 | 248  | 17923    | 2.28  | ng    | # 1       |
| -----                         |        |      |          |       |       |           |

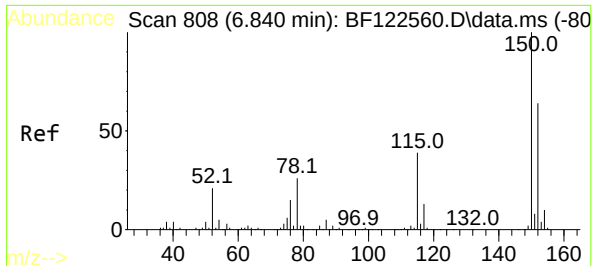
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121820\  
Data File : BF122793.D  
Acq On : 18 Dec 2020 19:11  
Operator : JU/CG  
Sample : L5125-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
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DETENTION-LINE-2

Quant Time: Dec 18 23:34:23 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 15 18:14:23 2020  
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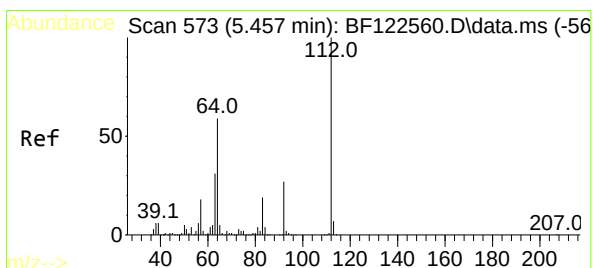
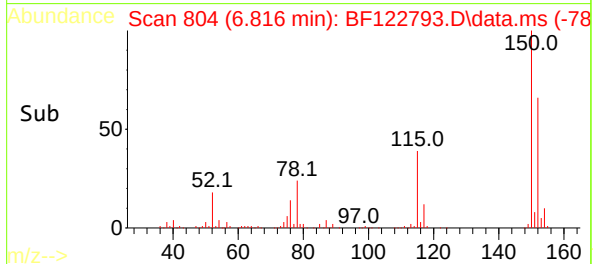
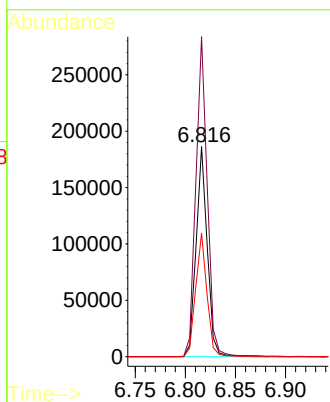
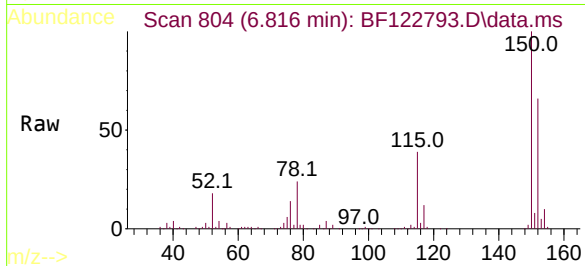




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

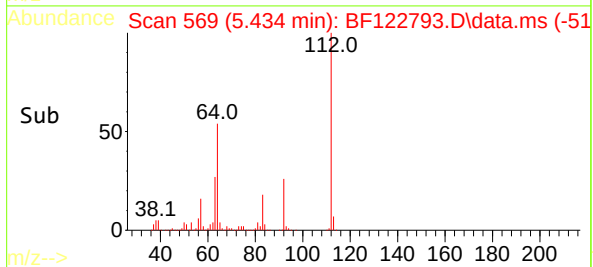
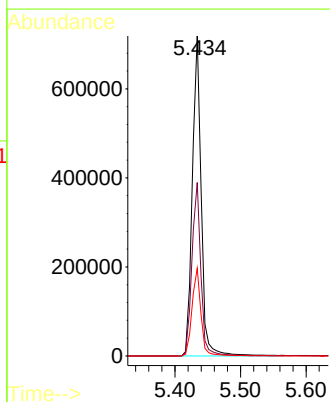
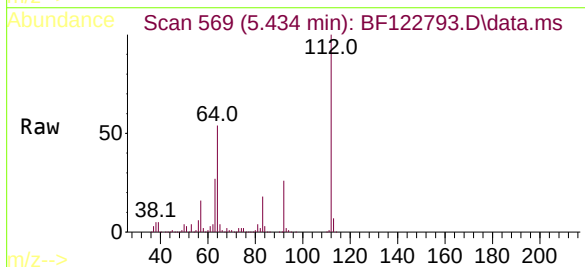
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

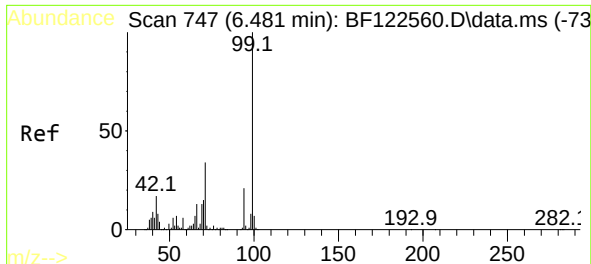
Tgt Ion:152 Resp: 144259  
Ion Ratio Lower Upper  
152 100  
150 152.4 125.8 188.6  
115 58.7 49.3 73.9



#5  
2-Fluorophenol  
Concen: 74.55 ng  
RT: 5.434 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion:112 Resp: 679331  
Ion Ratio Lower Upper  
112 100  
64 54.2 46.9 70.3  
63 27.4 24.5 36.7

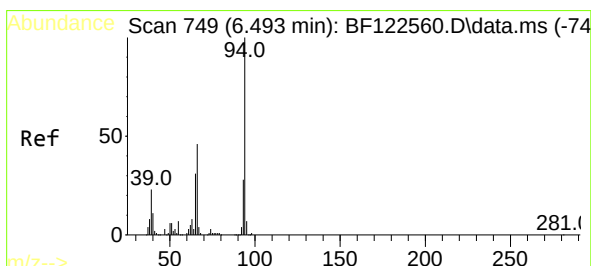
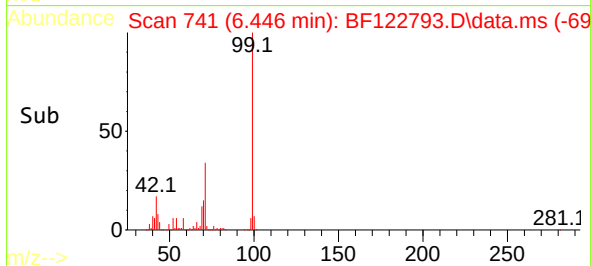
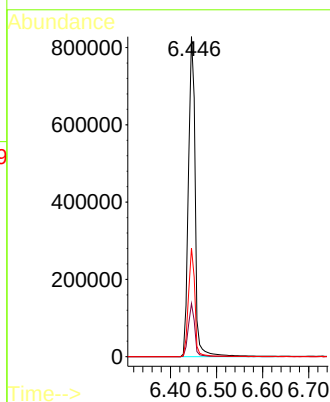
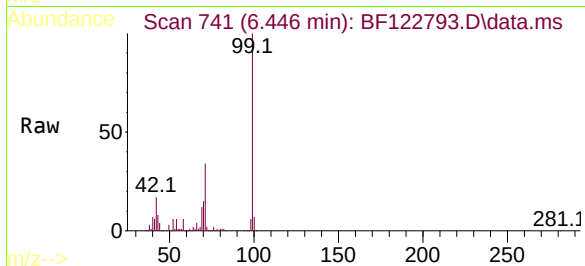




#7  
Phenol-d6  
Concen: 69.80 ng  
RT: 6.446 min Scan# 741  
Delta R.T. -0.012 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

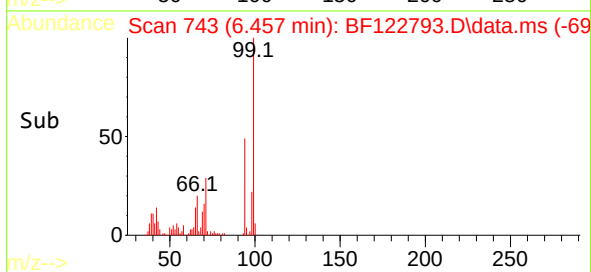
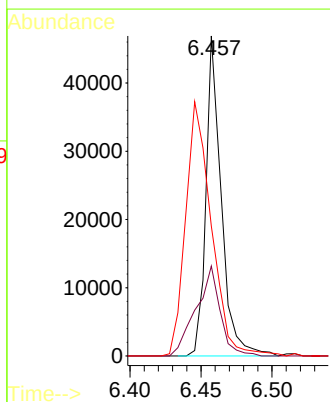
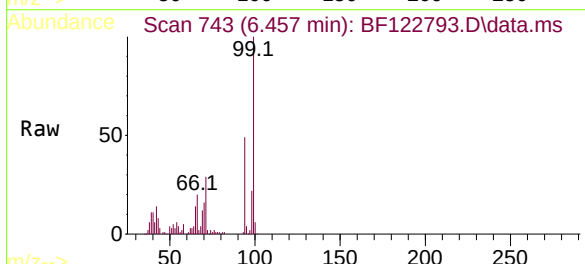
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

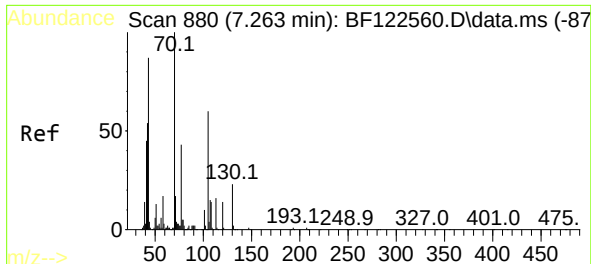
Tgt Ion: 99 Resp: 843477  
Ion Ratio Lower Upper  
99 100  
42 16.6 13.8 20.6  
71 33.9 26.9 40.3



#10  
Phenol  
Concen: 2.82 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.012 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion: 94 Resp: 35337  
Ion Ratio Lower Upper  
94 100  
65 28.1 11.2 51.2  
66 40.6 25.8 65.8



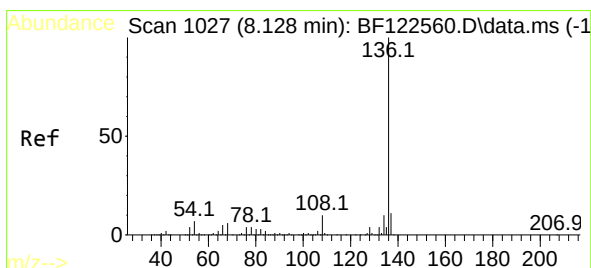
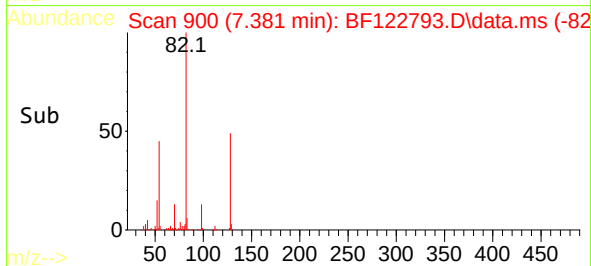
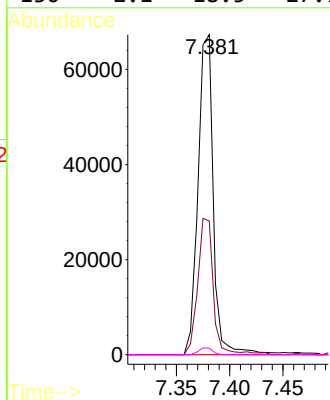
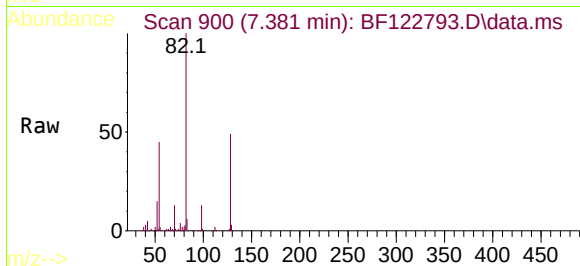


#19  
n-Nitroso-di-n-propylamine  
Concen: 9.74 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.141 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

Tgt Ion: 70 Resp: 67430

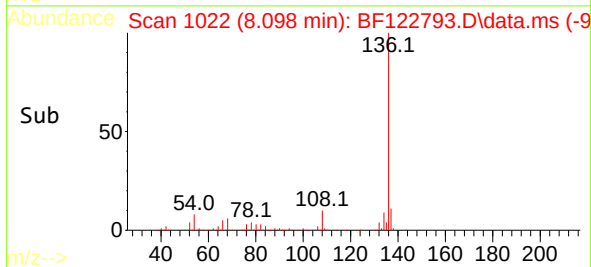
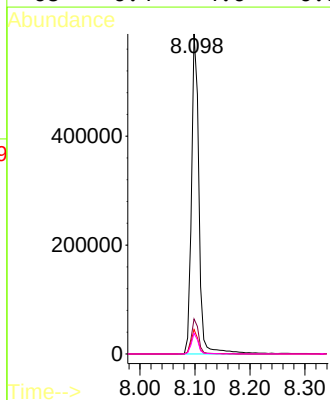
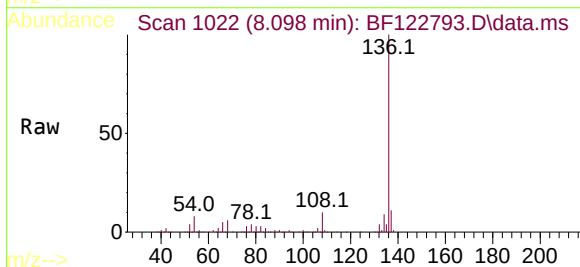
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 41.8  | 43.0  | 64.4# |
| 101 | 0.0   | 7.9   | 11.9# |
| 130 | 2.1   | 18.5  | 27.7# |

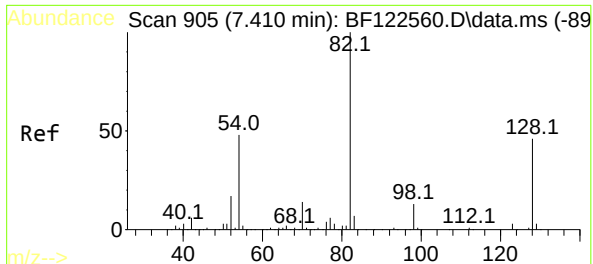


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.012 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion: 136 Resp: 552165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 7.7   | 5.5   | 8.3   |
| 68  | 6.4   | 4.6   | 6.8   |





#23

Nitrobenzene-d5

Concen: 46.34 ng

RT: 7.381 min Scan# 900

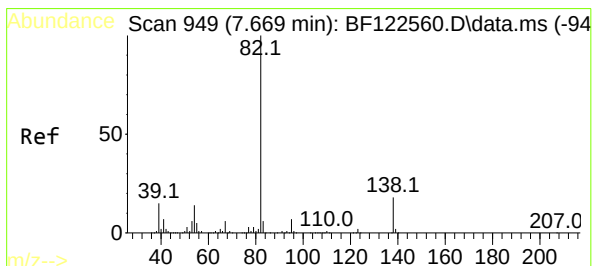
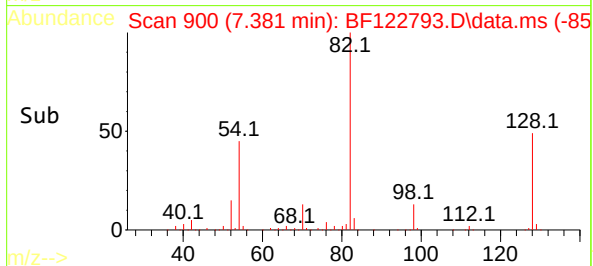
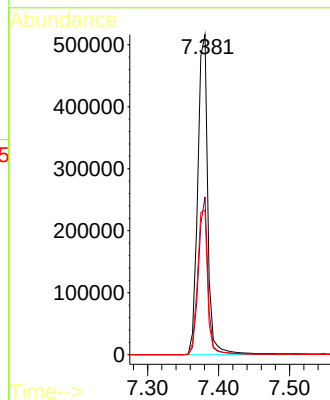
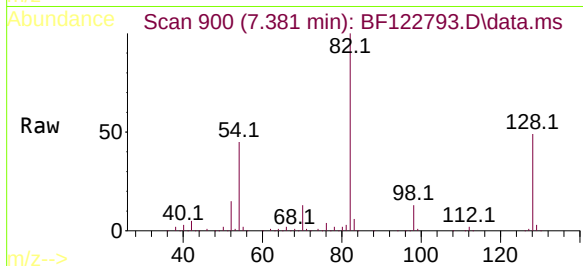
Delta R.T. -0.012 min

Lab File: BF122793.D

Acq: 18 Dec 2020 19:11

Tgt Ion: 82 Resp: 510660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.3  | 37.0  | 55.4  |
| 54  | 45.2  | 38.4  | 57.6  |



#25

Isophorone

Concen: 26.90 ng

RT: 7.381 min Scan# 900

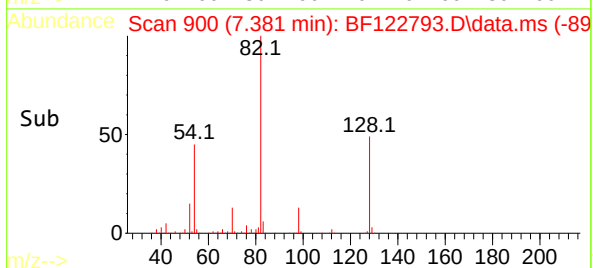
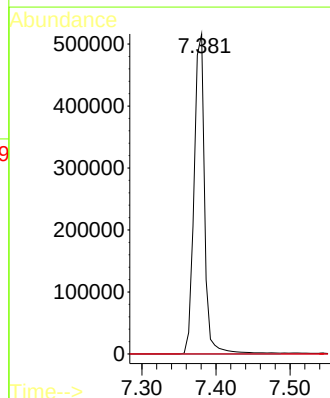
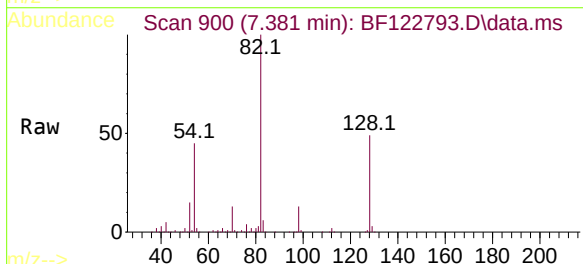
Delta R.T. -0.265 min

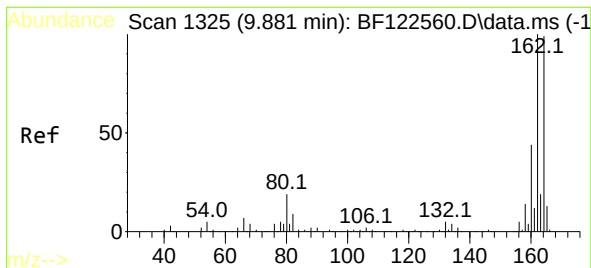
Lab File: BF122793.D

Acq: 18 Dec 2020 19:11

Tgt Ion: 82 Resp: 510655

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 0.0   | 5.8   | 8.6#  |
| 138 | 0.0   | 14.6  | 21.8# |

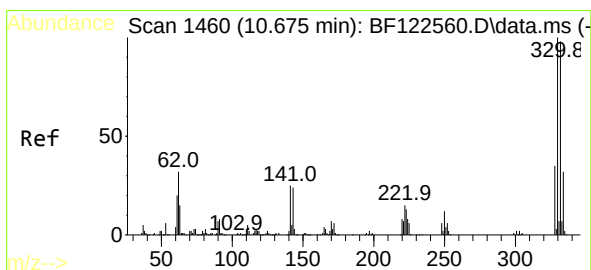
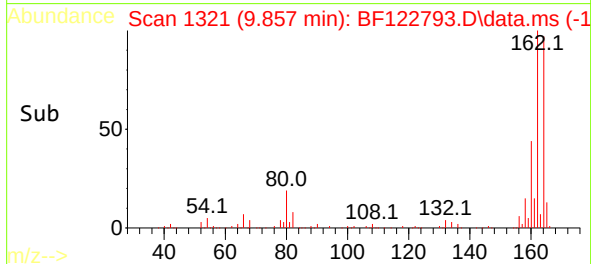
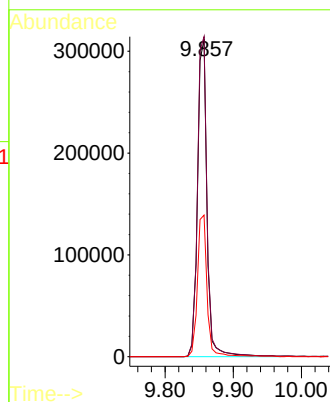
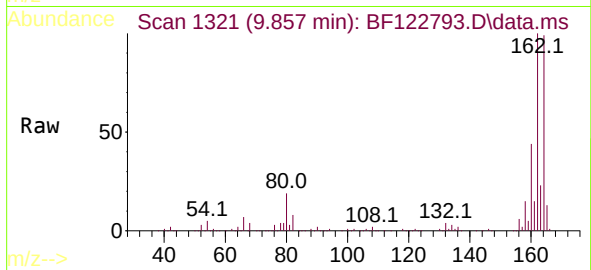




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

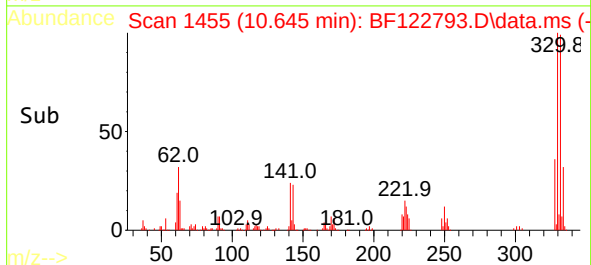
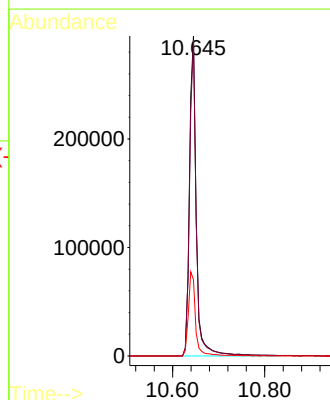
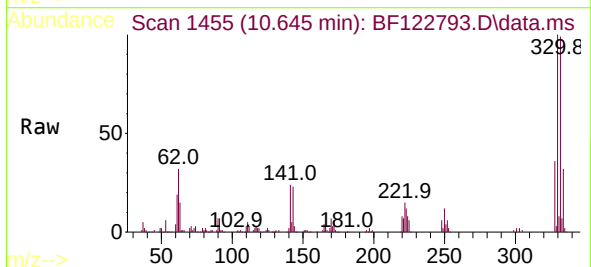
Instrument :  
BNA\_F  
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DETENTION-LINE-2

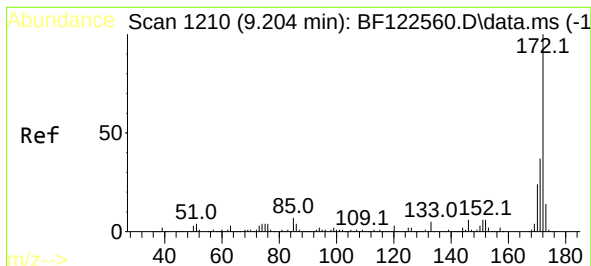
Tgt Ion:164 Resp: 300399  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.8 121.2  
160 44.6 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 77.08 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.006 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion:330 Resp: 303102  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.5 116.3  
141 27.2 23.8 35.8

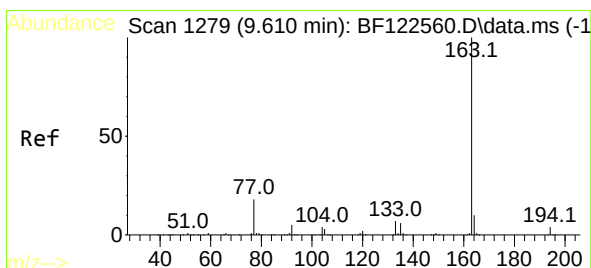
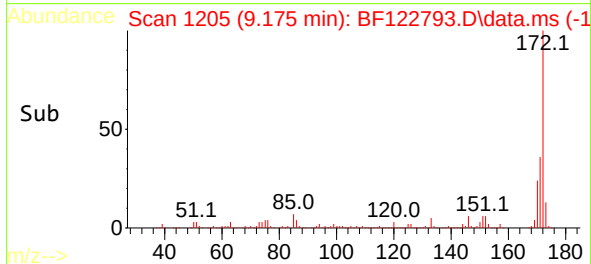
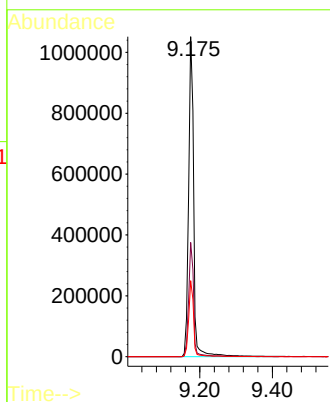
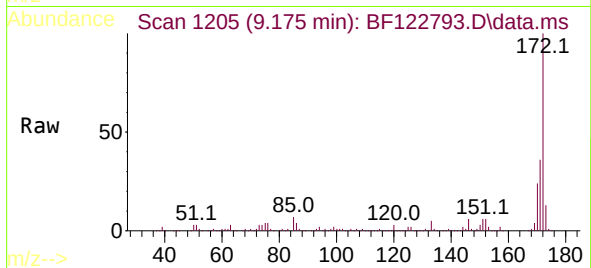




#45  
2-Fluorobiphenyl  
Concen: 45.83 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. -0.012 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

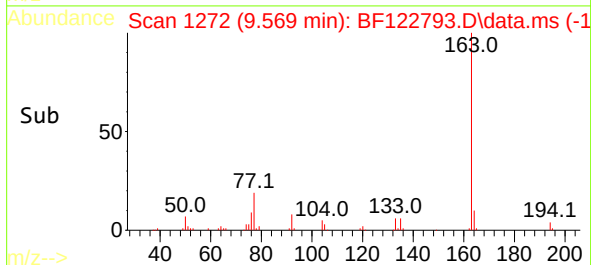
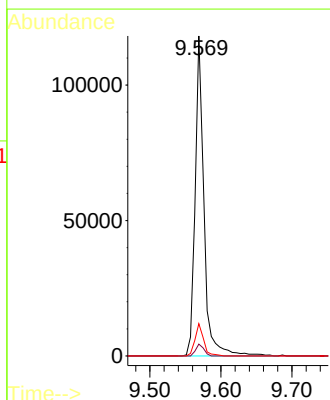
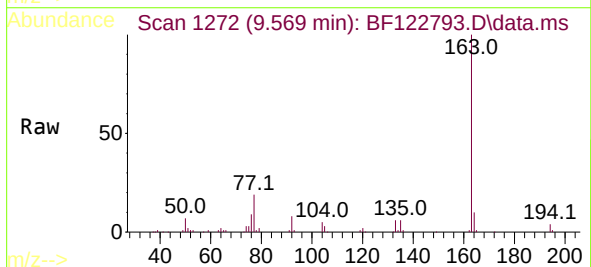
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

Tgt Ion:172 Resp: 1017747  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.6 44.4  
170 23.8 19.5 29.3

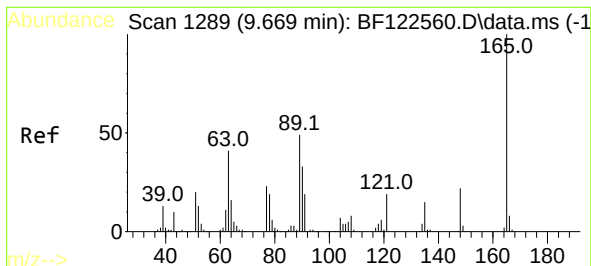


#50  
Dimethylphthalate  
Concen: 4.27 ng  
RT: 9.569 min Scan# 1272  
Delta R.T. -0.018 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion:163 Resp: 102449  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.4 5.0  
164 10.1 8.1 12.1



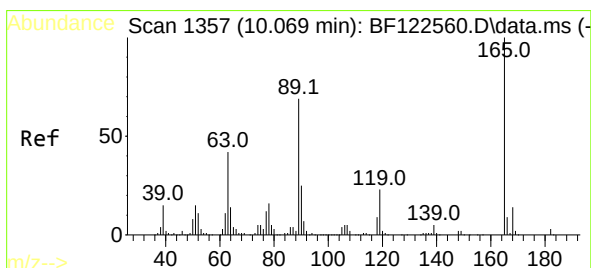
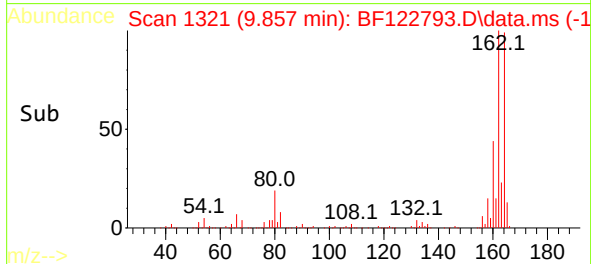
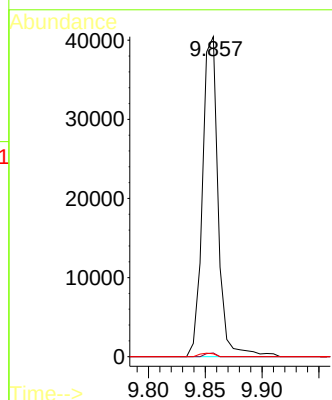
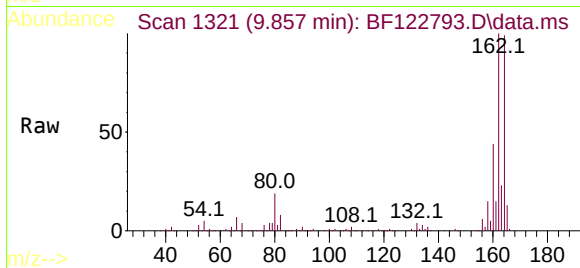




#51  
2,6-Dinitrotoluene  
Concen: 7.69 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.212 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

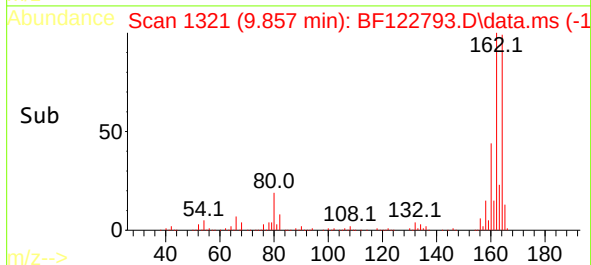
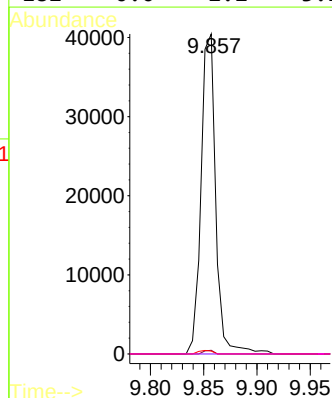
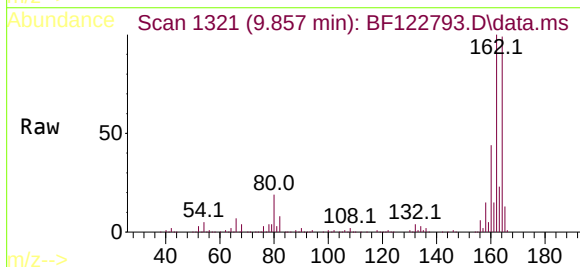
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

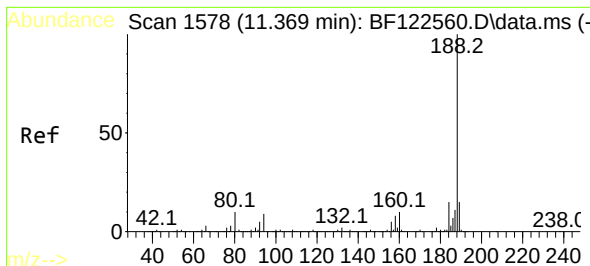
Tgt Ion:165 Resp: 38956  
Ion Ratio Lower Upper  
165 100  
63 1.1 36.6 55.0#  
89 0.9 39.4 59.0#



#57  
2,4-Dinitrotoluene  
Concen: 5.77 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.194 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion:165 Resp: 38957  
Ion Ratio Lower Upper  
165 100  
63 1.1 34.3 51.5#  
89 0.9 55.2 82.8#  
182 0.0 2.2 3.2#

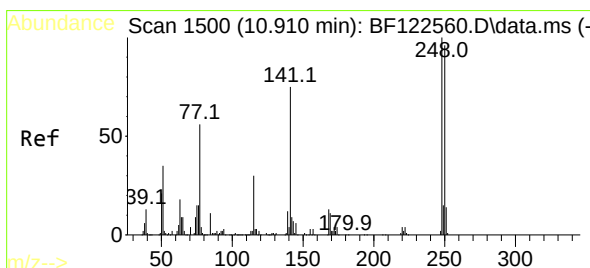
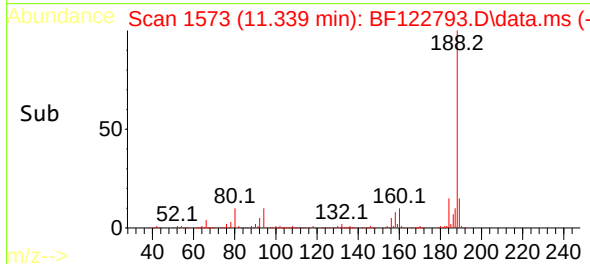
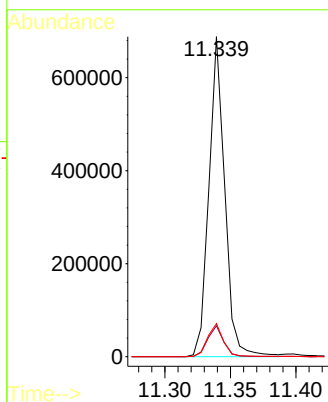
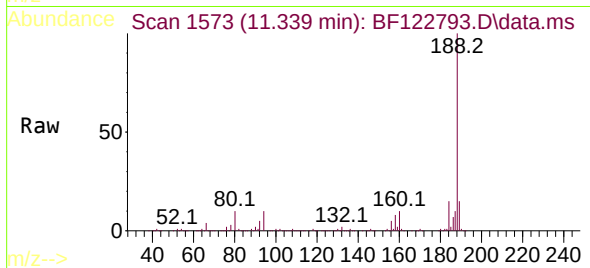




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

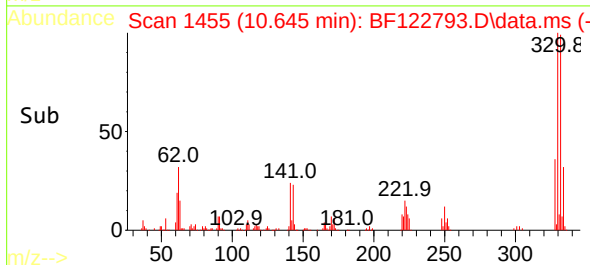
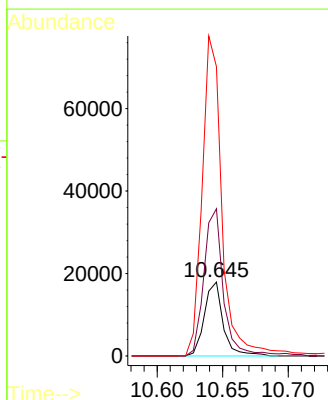
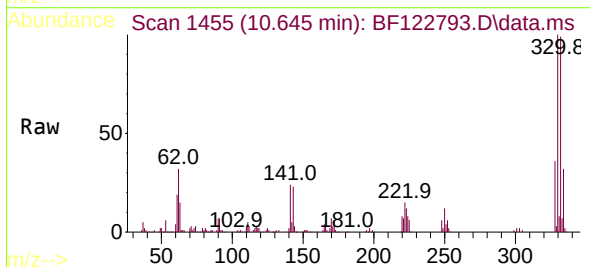
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

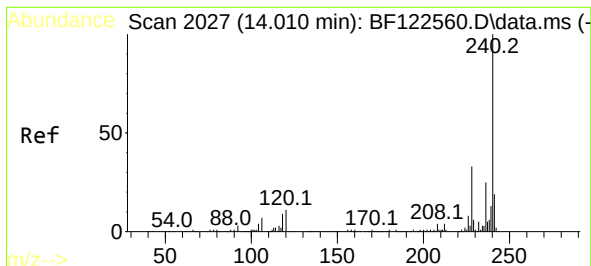
Tgt Ion:188 Resp: 580370  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.2  
80 10.4 8.2 12.4



#67  
4-Bromophenyl-phenylether  
Concen: 2.28 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.247 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion:248 Resp: 17923  
Ion Ratio Lower Upper  
248 100  
250 199.2 76.8 115.2#  
141 391.2 59.8 89.8#

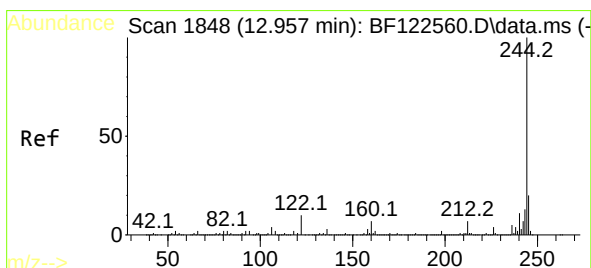
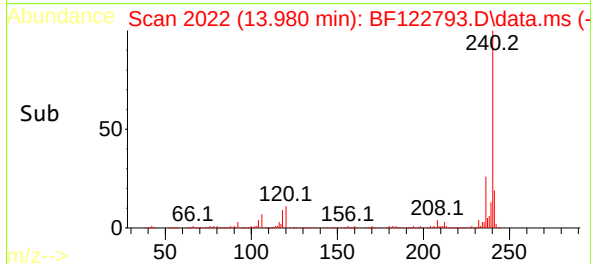
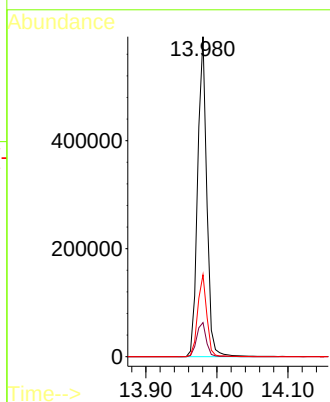
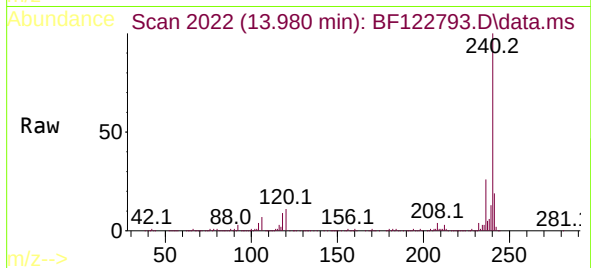




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

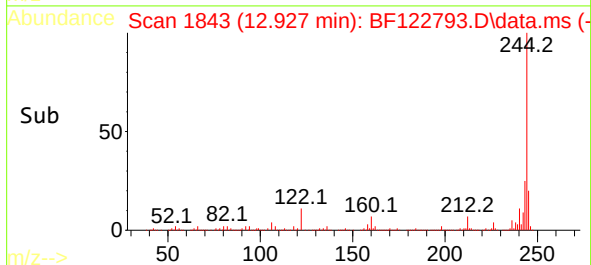
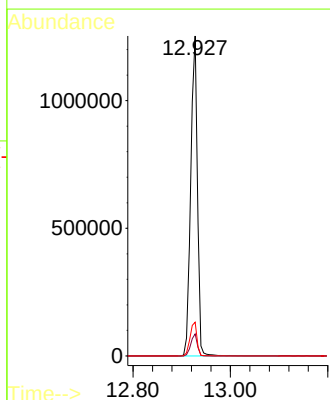
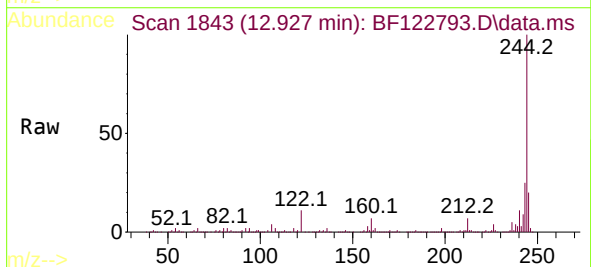
Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

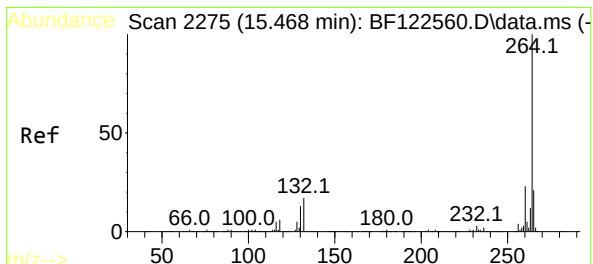
Tgt Ion:240 Resp: 532148  
Ion Ratio Lower Upper  
240 100  
120 10.7 8.6 12.8  
236 25.6 20.3 30.5



#79  
Terphenyl-d14  
Concen: 39.07 ng  
RT: 12.927 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Tgt Ion:244 Resp: 1187711  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.7 8.5  
122 10.6 8.3 12.5





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.433 min Scan# 2269  
Delta R.T. -0.006 min  
Lab File: BF122793.D  
Acq: 18 Dec 2020 19:11

Instrument :  
BNA\_F  
ClientSampleId :  
DETENTION-LINE-2

Tgt Ion:264 Resp: 467924  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.6 28.0  
265 21.9 17.0 25.6

