

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012822\  
 Data File : BF126727.D  
 Acq On : 28 Jan 2022 20:13  
 Operator : CG/JU  
 Sample : N1319-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-1S

Quant Time: Jan 29 02:29:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 27 03:09:40 2022  
 Response via : Initial Calibration

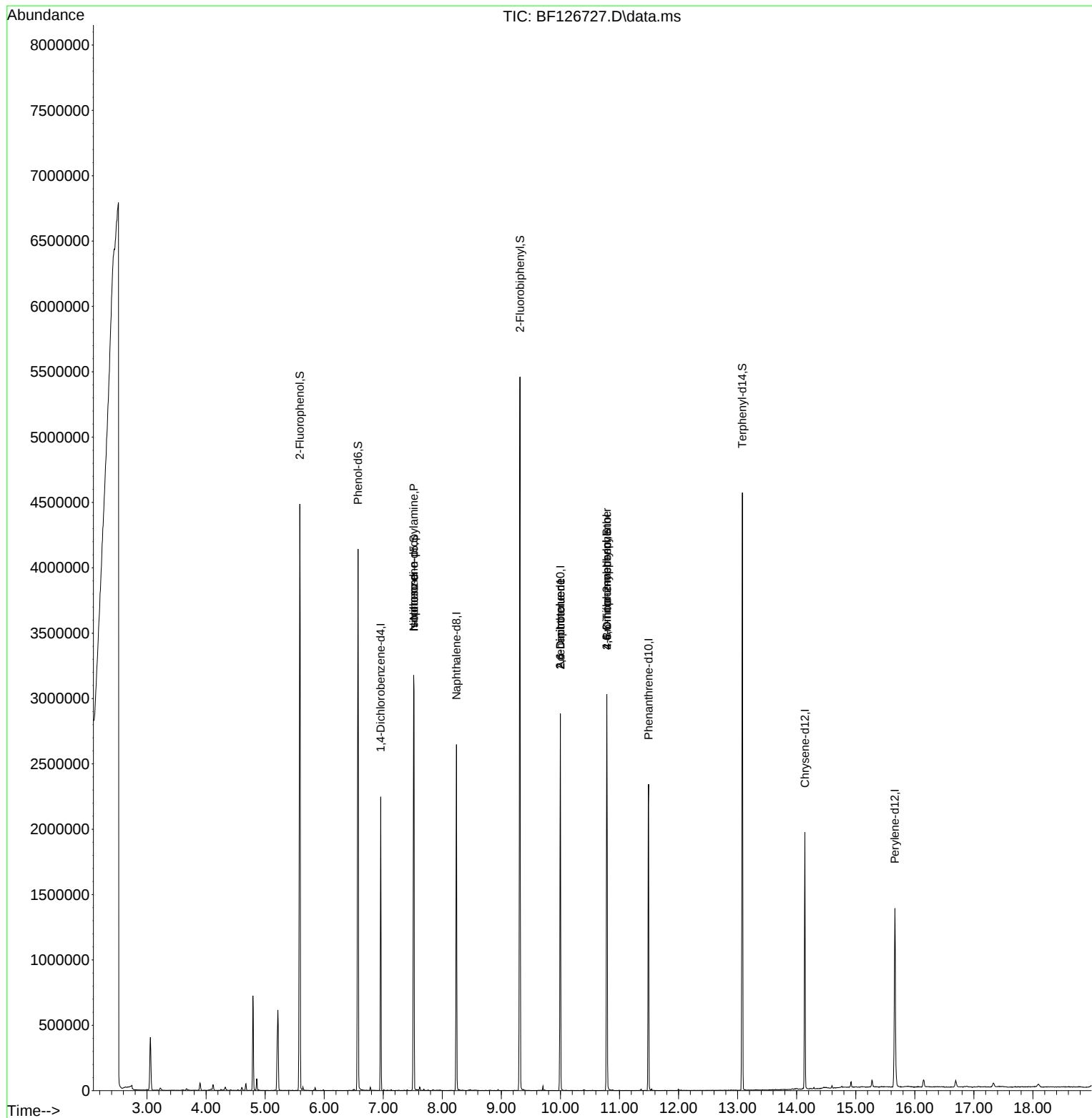
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 273558   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.239  | 136  | 1032957  | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.998  | 164  | 528448   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.492 | 188  | 798083   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.139 | 240  | 617251   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 15.662 | 264  | 622506   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.587  | 112  | 1315958  | 63.302    | ng    | 0.02     |
| 7) Phenol-d6                  | 6.575  | 99   | 1616213  | 55.956    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.516  | 82   | 1341172  | 50.820    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 339001   | 68.548    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 1605645  | 46.533    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.080 | 244  | 1476858  | 40.131    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.510  | 77   | 507      | Below Cal | #     | 51       |
| 19) n-Nitroso-di-n-propyla... | 7.516  | 70   | 176662   | 8.380     | ng    | # 69     |
| 25) Isophorone                | 7.516  | 82   | 1335481  | 26.094    | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.998  | 165  | 65559    | 10.122    | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 65559    | 8.353     | ng    | # 15     |
| 65) 4,6-Dinitro-2-methylph... | 10.786 | 198  | 664      | 7.519     | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.786 | 248  | 21579    | 2.346     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

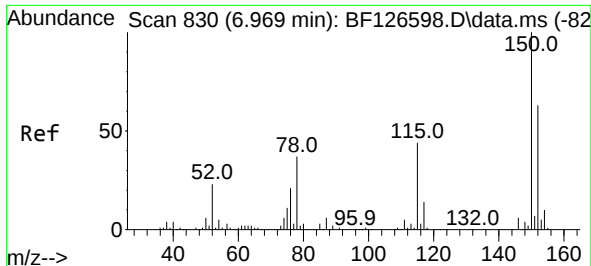
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012822\  
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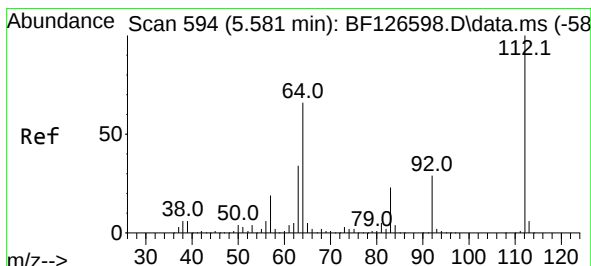
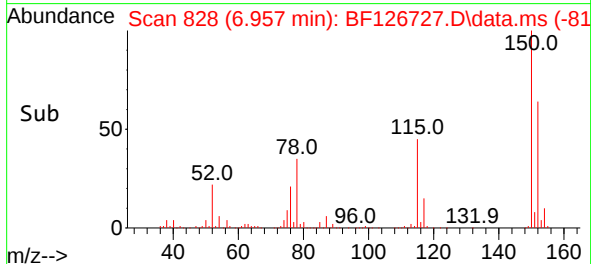
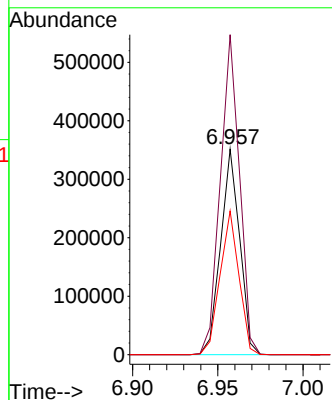
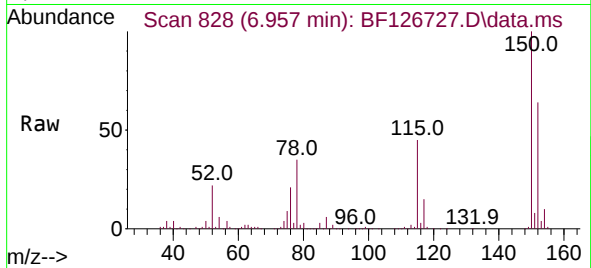




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.957 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF126727.D  
 Acq: 28 Jan 2022 20:13

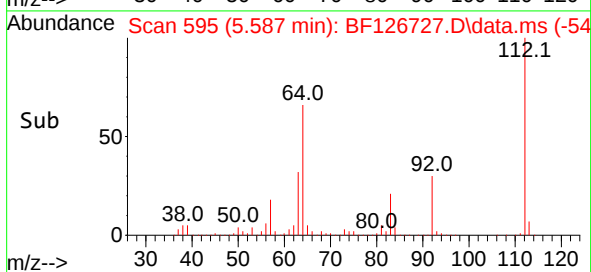
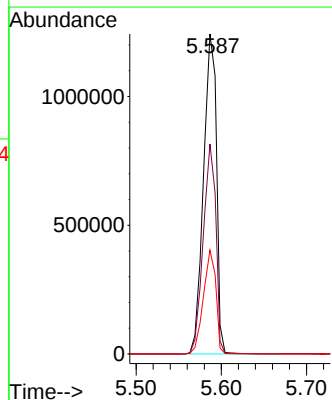
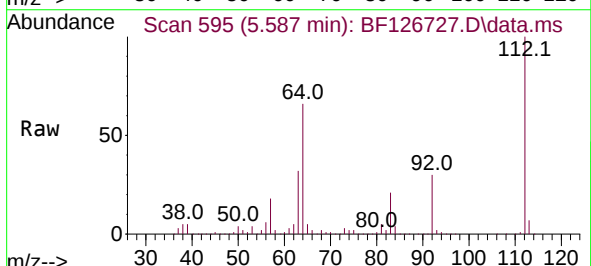
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-1S

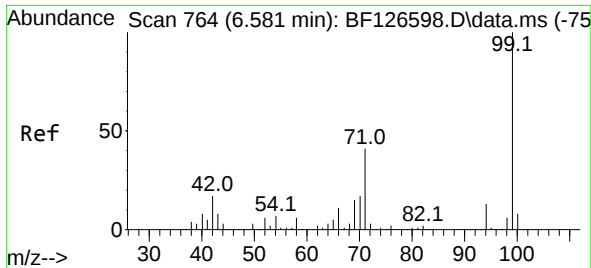
Tgt Ion:152 Resp: 273558  
 Ion Ratio Lower Upper  
 152 100  
 150 155.7 128.1 192.1  
 115 69.9 56.7 85.1



#5  
 2-Fluorophenol  
 Concen: 63.302 ng  
 RT: 5.587 min Scan# 595  
 Delta R.T. 0.018 min  
 Lab File: BF126727.D  
 Acq: 28 Jan 2022 20:13

Tgt Ion:112 Resp: 1315958  
 Ion Ratio Lower Upper  
 112 100  
 64 65.6 49.5 74.3  
 63 32.4 23.9 35.9





#7

Phenol-d6

Concen: 55.956 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126727.D

Acq: 28 Jan 2022 20:13

Instrument :

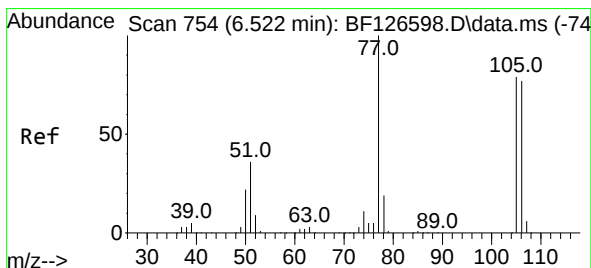
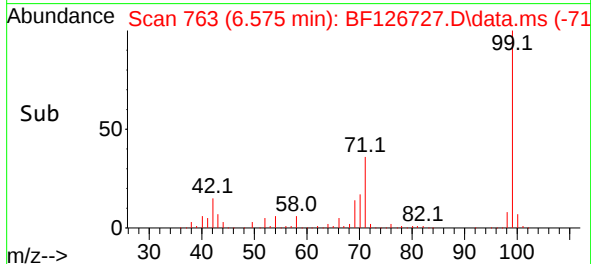
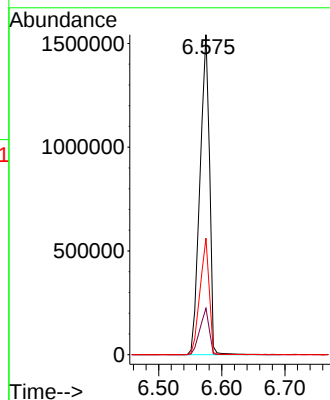
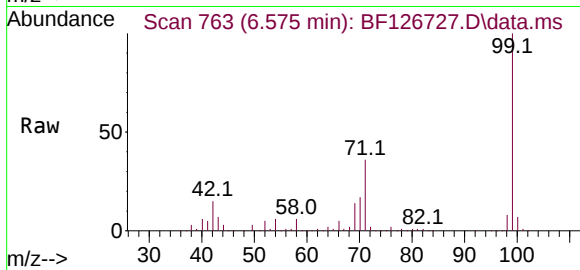
BNA\_F

ClientSampleId :

MH-1S

Tgt Ion: 99 Resp: 1616213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.5  | 14.2  | 21.4  |
| 71  | 36.4  | 24.3  | 36.5  |



#9

Benzaldehyde

Concen: Below Cal

RT: 6.510 min Scan# 752

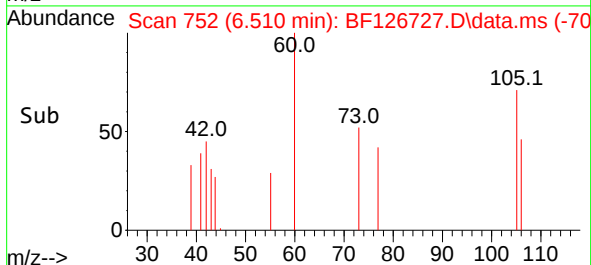
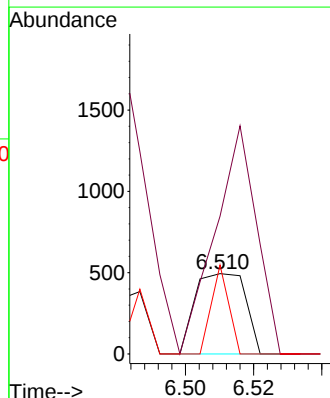
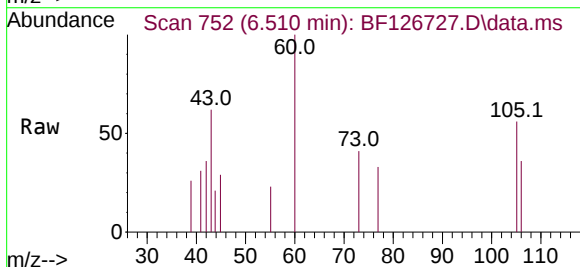
Delta R.T. 0.000 min

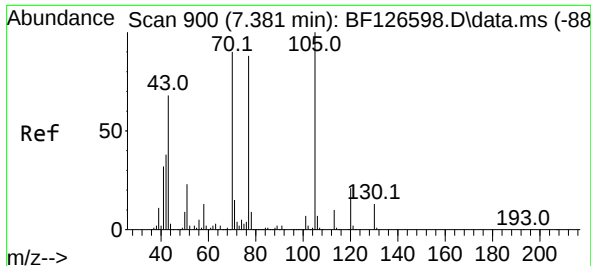
Lab File: BF126727.D

Acq: 28 Jan 2022 20:13

Tgt Ion: 77 Resp: 507

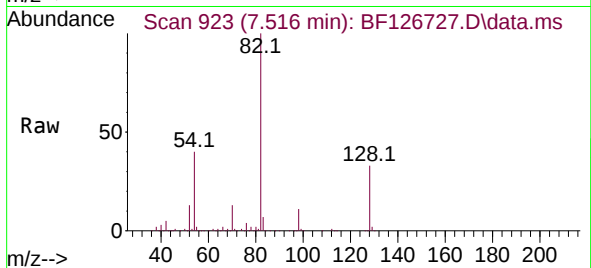
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 77  | 100   |       |        |
| 105 | 171.5 | 74.9  | 114.9# |
| 106 | 110.7 | 72.4  | 112.4  |



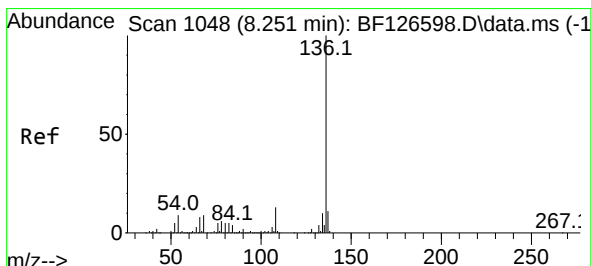
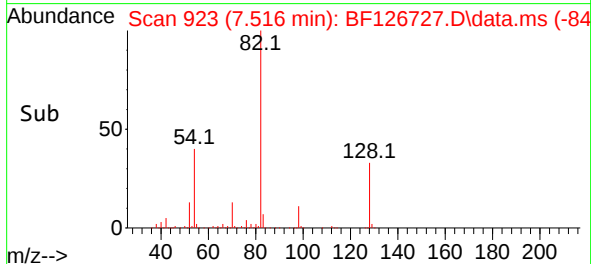
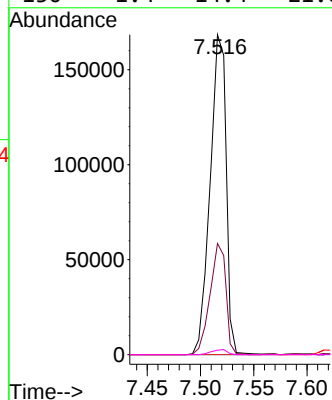


#19  
n-Nitroso-di-n-propylamine  
Concen: 8.380 ng  
RT: 7.516 min Scan# 91  
Delta R.T. 0.147 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

Instrument :  
BNA\_F  
ClientSampleId :  
MH-1S

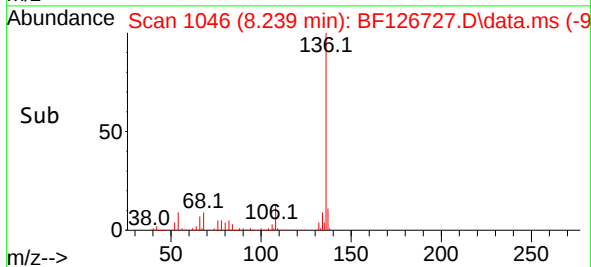
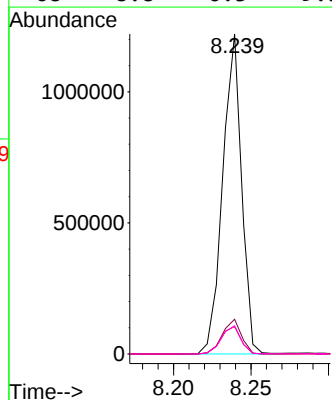
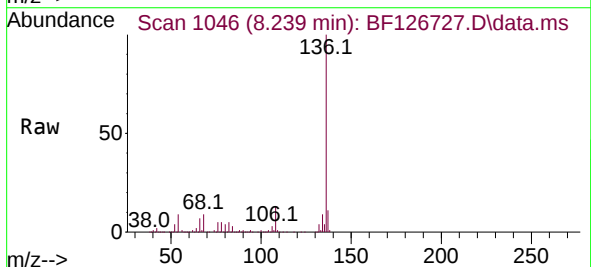


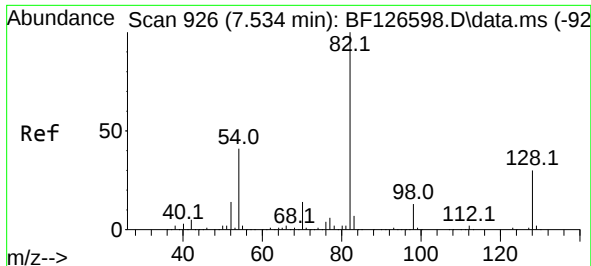
Tgt Ion: 70 Resp: 176662  
Ion Ratio Lower Upper  
70 100  
42 34.7 45.8 68.8#  
101 0.0 6.9 10.3#  
130 1.4 14.4 21.6#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

Tgt Ion: 136 Resp: 1032957  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.6 7.8 11.6  
68 8.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 50.820 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126727.D

Acq: 28 Jan 2022 20:13

Instrument :

BNA\_F

ClientSampleId :

MH-1S

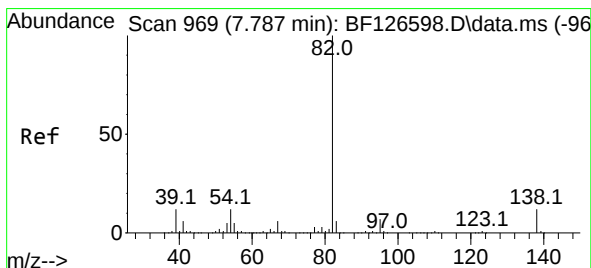
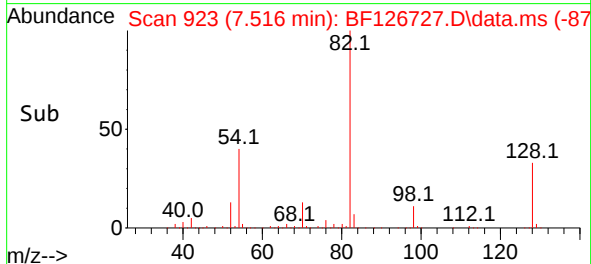
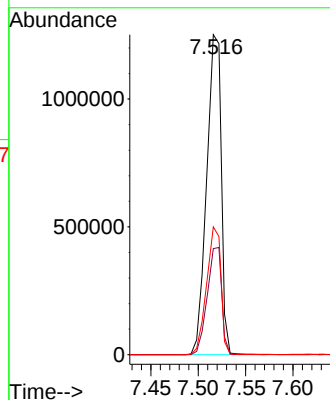
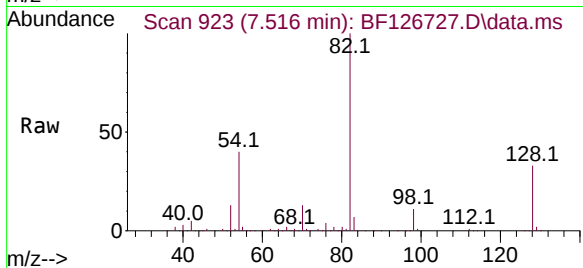
Tgt Ion: 82 Resp: 1341172

Ion Ratio Lower Upper

82 100

128 33.2 32.7 49.1

54 40.0 41.7 62.5#



#25

Isophorone

Concen: 26.094 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126727.D

Acq: 28 Jan 2022 20:13

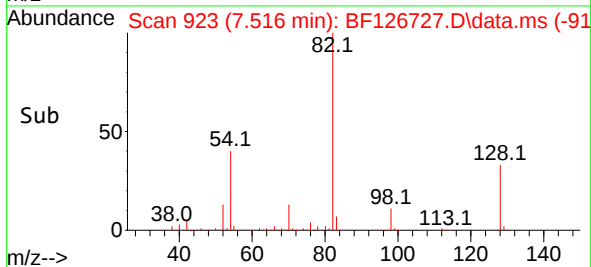
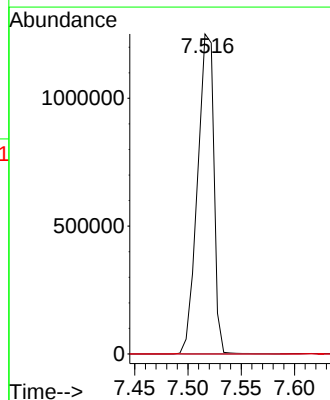
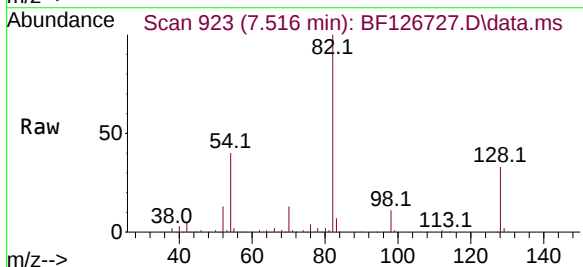
Tgt Ion: 82 Resp: 1335481

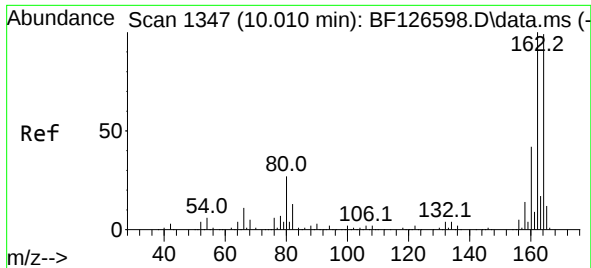
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

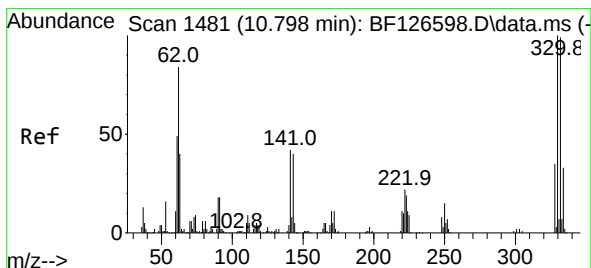
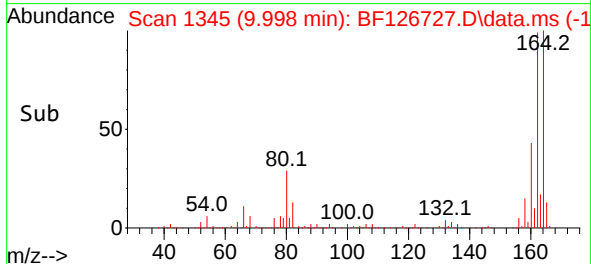
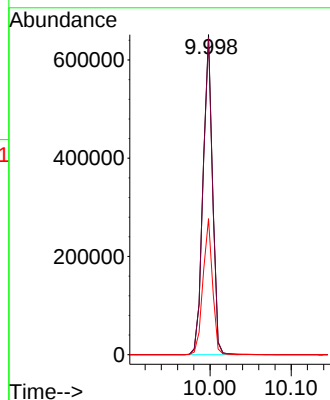
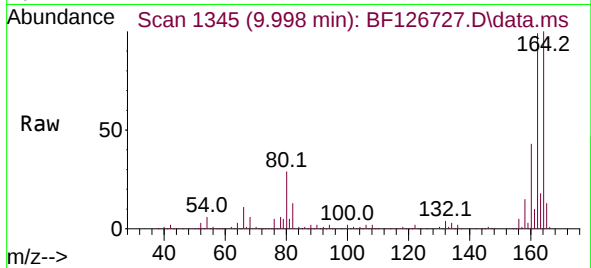




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

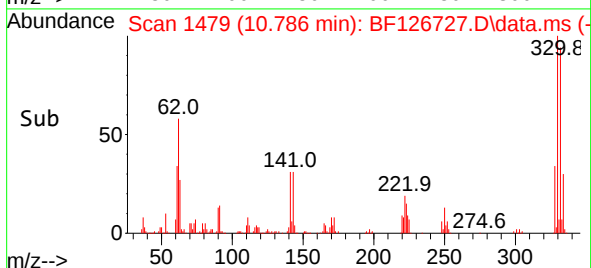
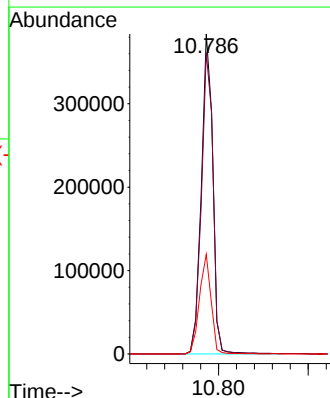
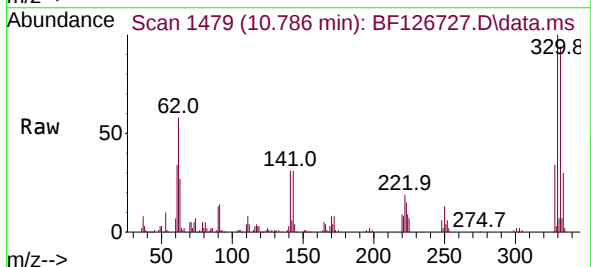
Instrument :  
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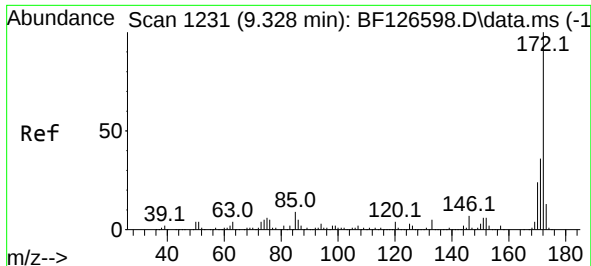
Tgt Ion:164 Resp: 528448  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.4 122.0  
160 42.5 36.6 54.8



#42  
2,4,6-Tribromophenol  
Concen: 68.548 ng  
RT: 10.786 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

Tgt Ion:330 Resp: 339001  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.0 114.0  
141 31.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 46.533 ng

RT: 9.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126727.D

Acq: 28 Jan 2022 20:13

Instrument :

BNA\_F

ClientSampleId :

MH-1S

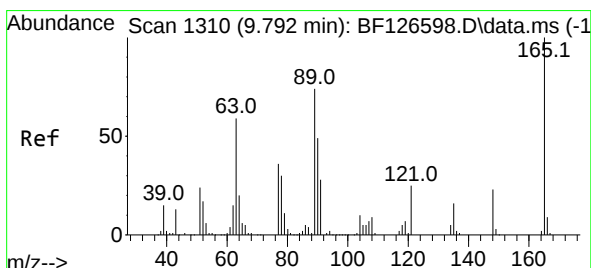
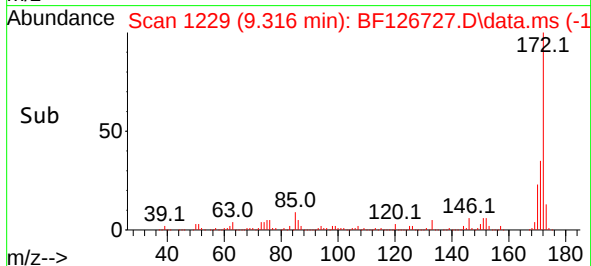
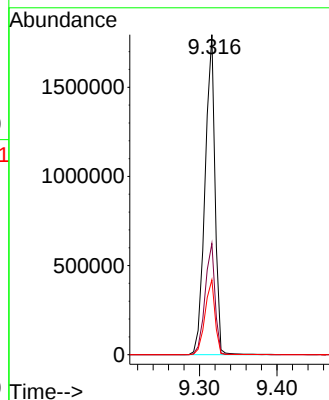
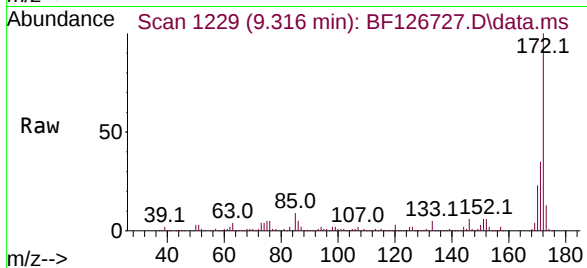
Tgt Ion:172 Resp: 1605645

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.122 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126727.D

Acq: 28 Jan 2022 20:13

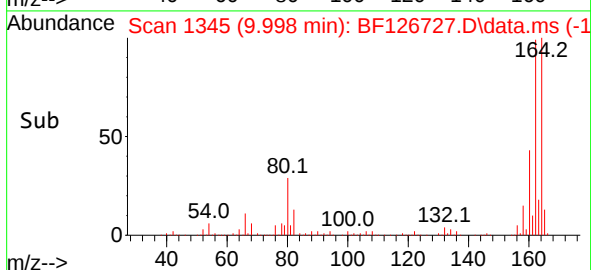
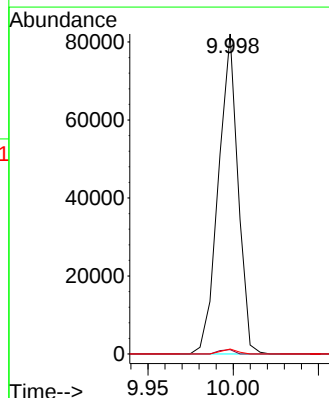
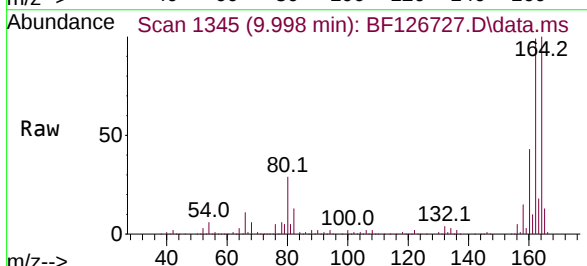
Tgt Ion:165 Resp: 65559

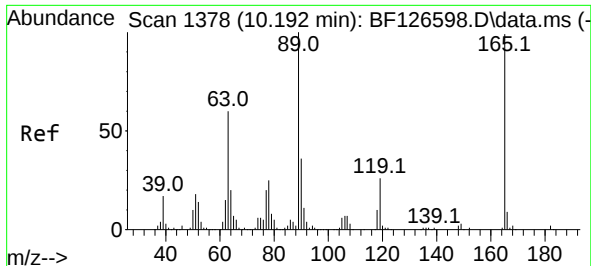
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.6 50.5 75.7#

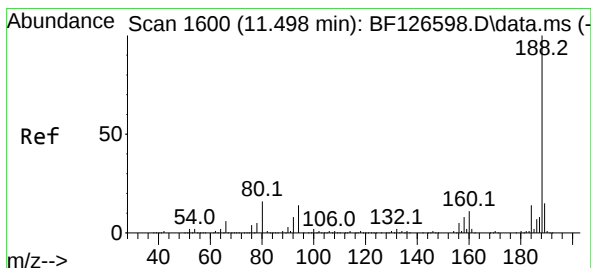
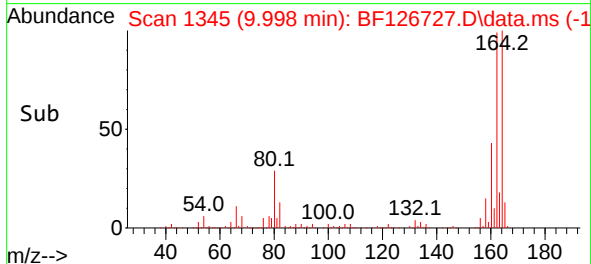
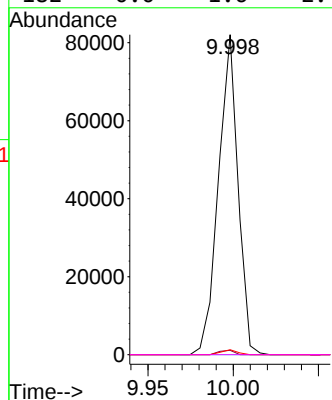
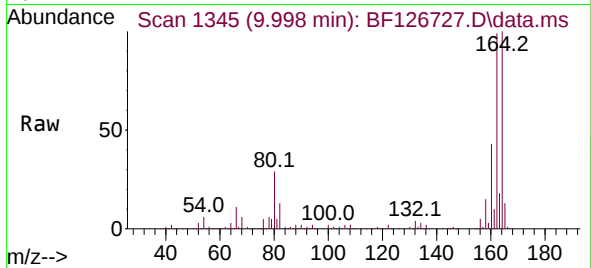




#57  
2,4-Dinitrotoluene  
Concen: 8.353 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

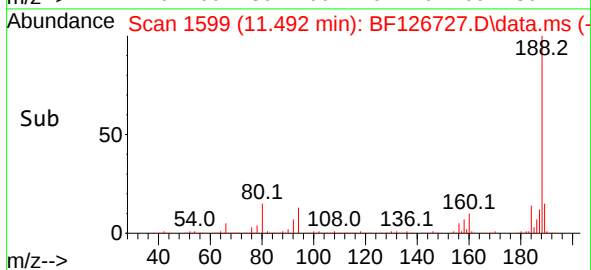
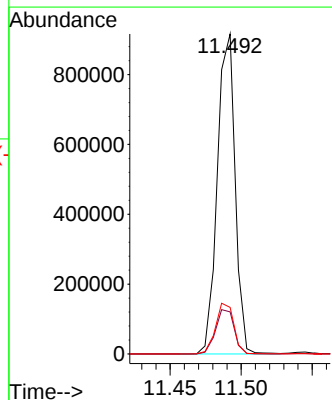
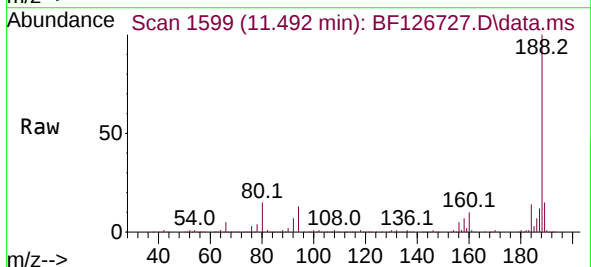
Instrument :  
BNA\_F  
ClientSampleId :  
MH-1S

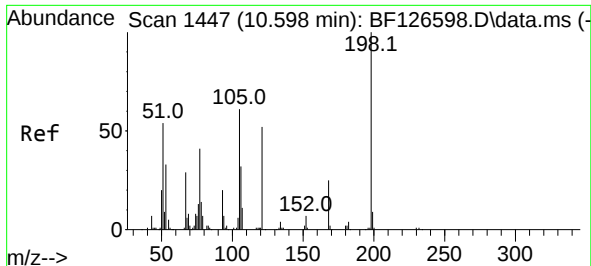
Tgt Ion:165 Resp: 65559  
Ion Ratio Lower Upper  
165 100  
63 1.4 43.0 64.6#  
89 1.6 71.0 106.4#  
182 0.0 1.6 2.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.492 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

Tgt Ion:188 Resp: 798083  
Ion Ratio Lower Upper  
188 100  
94 13.1 10.1 15.1  
80 14.5 11.8 17.6

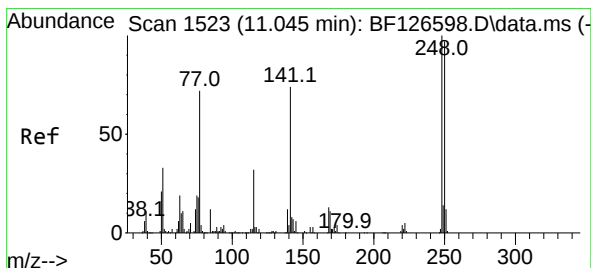
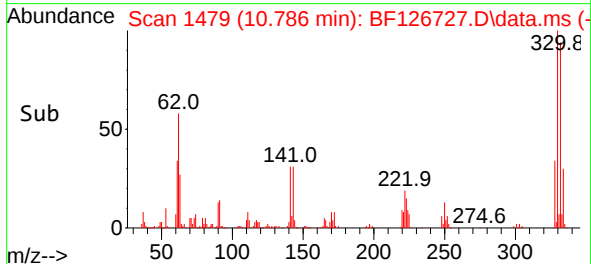
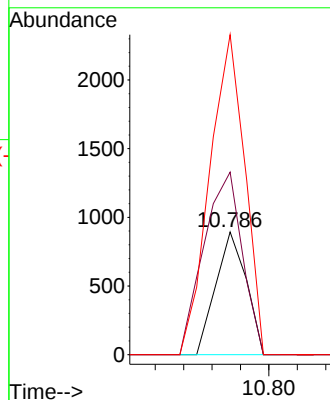
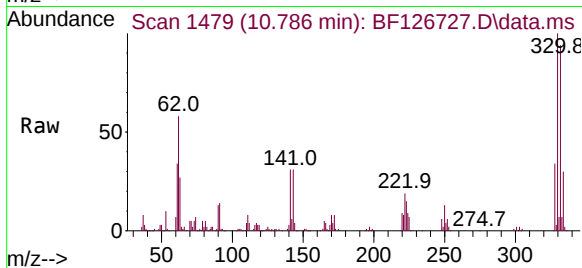




#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.519 ng  
RT: 10.786 min Scan# 1447  
Delta R.T. 0.194 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

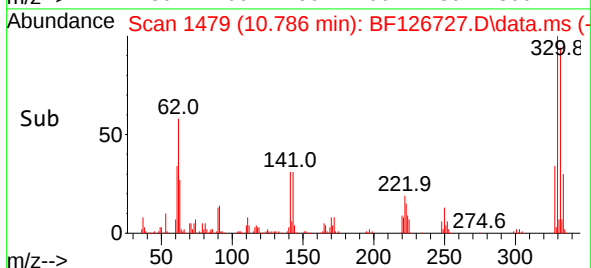
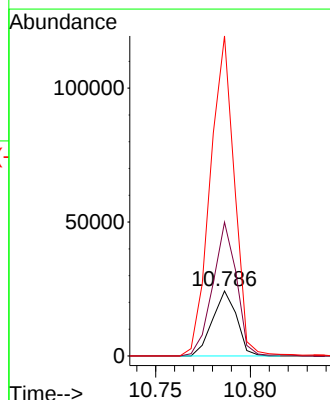
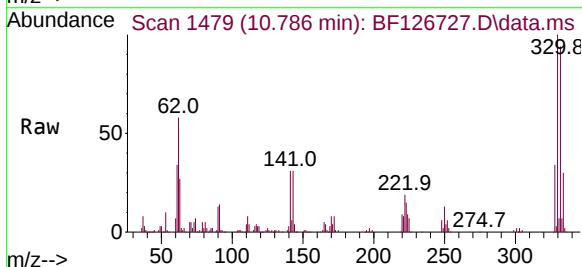
Instrument :  
BNA\_F  
ClientSampleId :  
MH-1S

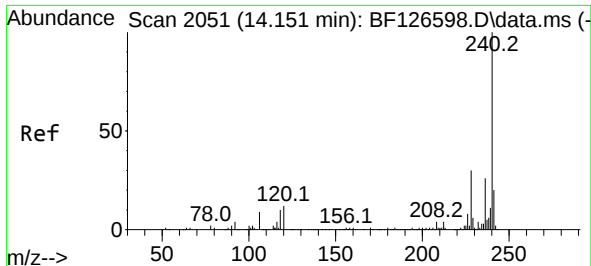
Tgt Ion:198 Resp: 664  
Ion Ratio Lower Upper  
198 100  
51 148.7 32.0 72.0#  
105 260.6 32.7 72.7#



#67  
4-Bromophenyl-phenylether  
Concen: 2.346 ng  
RT: 10.786 min Scan# 1479  
Delta R.T. -0.247 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

Tgt Ion:248 Resp: 21579  
Ion Ratio Lower Upper  
248 100  
250 205.7 76.2 114.4#  
141 492.1 66.2 99.4#

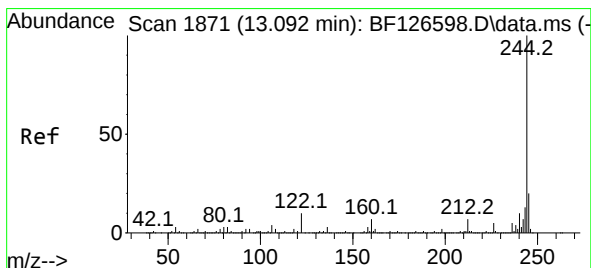
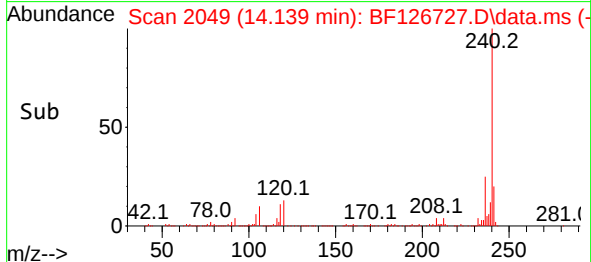
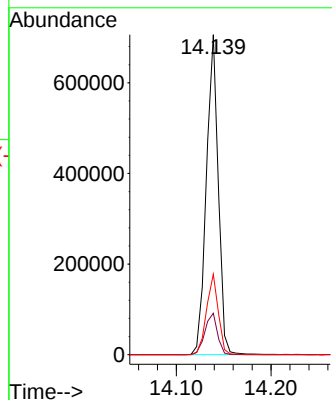
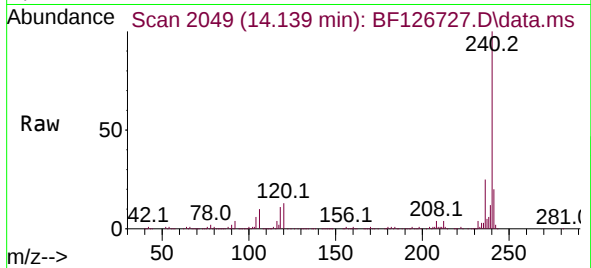




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.139 min Scan# 2051  
Delta R.T. -0.006 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

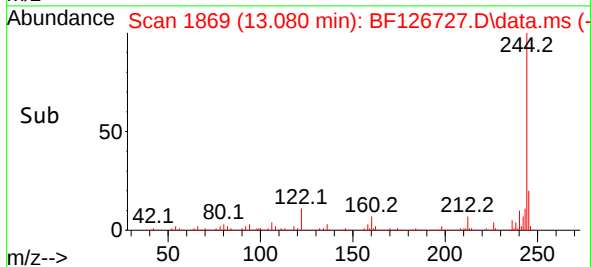
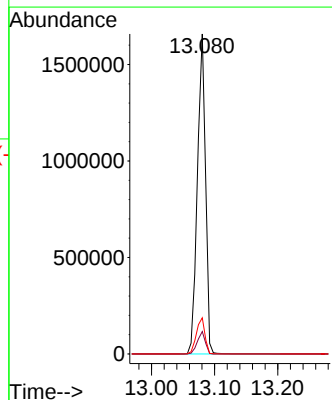
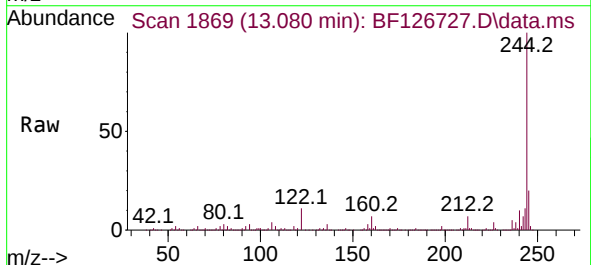
Instrument :  
BNA\_F  
ClientSampleId :  
MH-1S

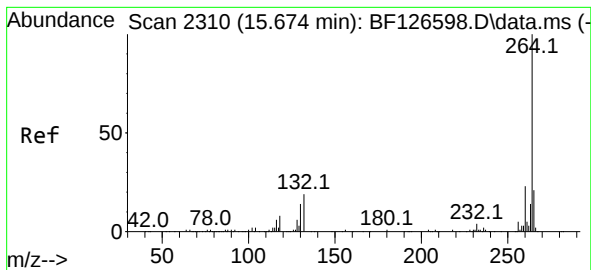
Tgt Ion:240 Resp: 617251  
Ion Ratio Lower Upper  
240 100  
120 13.0 14.4 21.6#  
236 25.1 20.5 30.7



#79  
Terphenyl-d14  
Concen: 40.131 ng  
RT: 13.080 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: BF126727.D  
Acq: 28 Jan 2022 20:13

Tgt Ion:244 Resp: 1476858  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.0 7.4  
122 11.3 13.3 19.9#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.662 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF126727.D  
 Acq: 28 Jan 2022 20:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-1S

Tgt Ion:264 Resp: 622506  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 19.2 28.8  
 265 20.7 17.4 26.2

